

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087422.D
 Acq On : 26 May 2016 23:00
 Operator : UM/SJ
 Sample : PB90911BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Quant Time: May 27 01:30:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	99925	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	406715	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	192030	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	374654	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	288165	20.00	ng	-0.01
86) Perylene-d12	20.13	264	214309	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	499092	87.76	ng	0.01
7) Phenol-d6	7.06	99	637491	82.96	ng	-0.01
23) Nitrobenzene-d5	8.42	82	629745	78.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	146694	79.49	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1073335	78.80	ng	-0.02
78) Terphenyl-d14	17.12	244	1043039	76.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	98308	32.76	ng	# 61
3) Pyridine	2.48	79	244002	37.20	ng	# 62
4) n-Nitrosodimethylamine	2.46	42	226141	44.74	ng	# 48
6) Aniline	7.02	93	240269	24.17	ng	90
8) 2-Chlorophenol	7.19	128	297038	41.88	ng	91
9) Benzaldehyde	6.86	77	35273	8.31	ng	96
10) Phenol	7.07	94	372823	44.43	ng	71
11) bis(2-Chloroethyl)ether	7.14	93	288435	42.47	ng	84
12) 1,3-Dichlorobenzene	7.40	146	308696	39.91	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	316818	39.90	ng	# 93
14) 1,2-Dichlorobenzene	7.76	146	299794	40.81	ng	96
15) Benzyl Alcohol	7.80	79	247178	44.12	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	566484	37.07	ng	98
17) 2-Methylphenol	8.02	107	239474	42.14	ng	# 87
18) Hexachloroethane	8.28	117	119522	40.35	ng	# 89
19) n-Nitroso-di-n-propylamine	8.23	70	240062	41.89	ng	# 74
20) 3+4-Methylphenols	8.28	107	304456	44.31	ng	# 60
22) Acetophenone	8.19	105	431011	44.36	ng	# 97
24) Nitrobenzene	8.44	77	348101	40.86	ng	95
25) Isophorone	8.84	82	583804	40.34	ng	# 98
26) 2-Nitrophenol	8.96	139	149838	43.03	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	266663	44.12	ng	89
28) bis(2-Chloroethoxy)methane	9.23	93	354279	43.46	ng	99
29) 2,4-Dichlorophenol	9.38	162	240880	44.22	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	255611	40.99	ng	97
31) Naphthalene	9.56	128	844560	41.44	ng	99
32) Benzoic acid	9.42	122	122810	40.49	ng	# 71
33) 4-Chloroaniline	9.74	127	82749	11.02	ng	# 91
34) Hexachlorobutadiene	9.78	225	147519	38.92	ng	99
35) Caprolactam	10.33	113	40634	25.56	ng	# 49
36) 4-Chloro-3-methylphenol	10.59	107	281938	45.78	ng	96
37) 2-Methylnaphthalene	10.70	142	549602	43.17	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	237775	38.68	ng	98
40) Hexachlorocyclopentadiene	10.95	237	162569	66.13	ng	95

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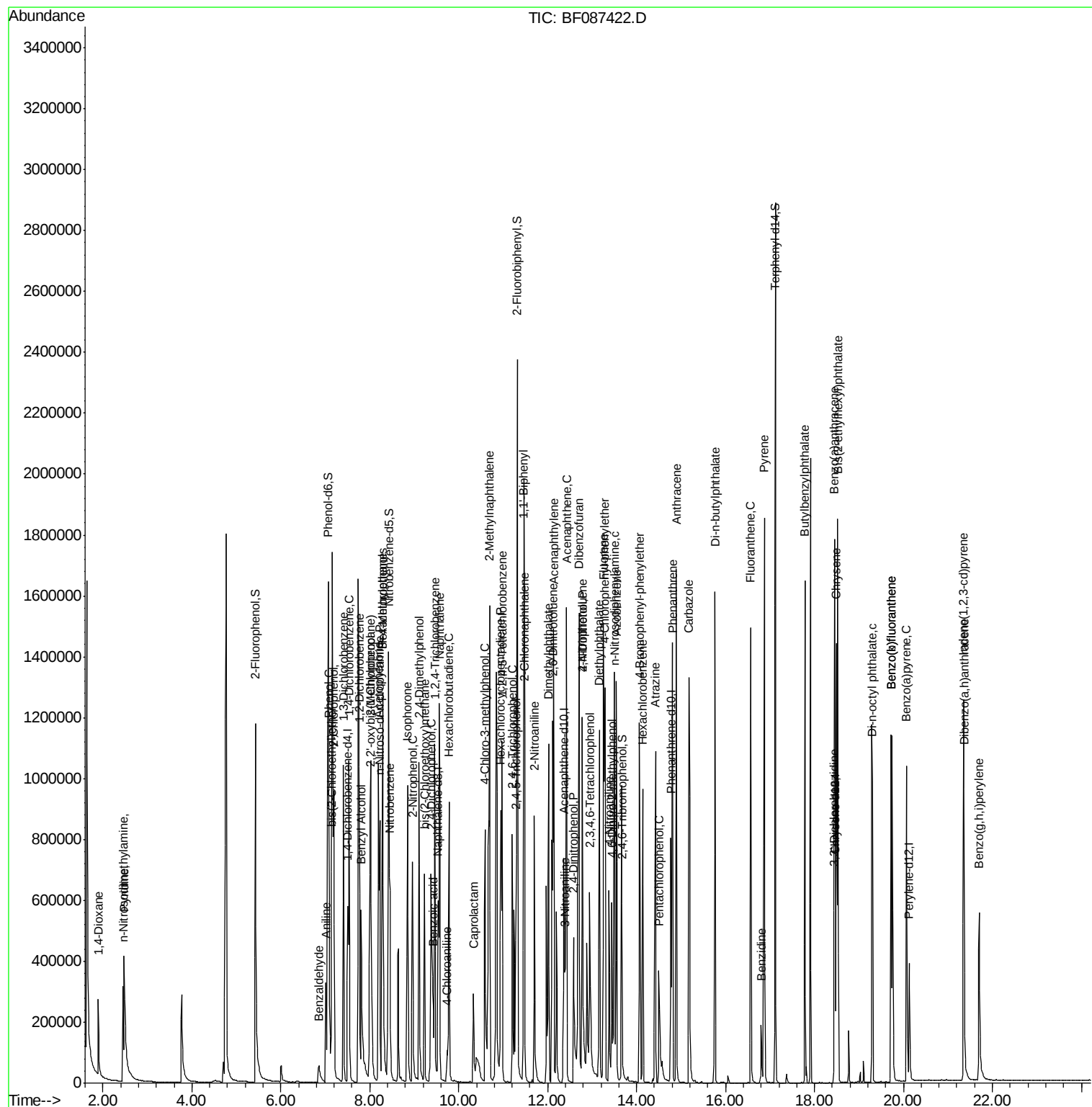
42) 2,4,6-Trichlorophenol	11.20	196	143907	40.56	ng	94
43) 2,4,5-Trichlorophenol	11.29	196	150227	41.58	ng #	91
45) 1,1'-Biphenyl	11.46	154	681604	42.16	ng	97
46) 2-Chloronaphthalene	11.48	162	510465	41.27	ng	97
47) 2-Nitroaniline	11.70	65	206246	46.28	ng #	79
48) Acenaphthylene	12.14	152	814911	41.61	ng	99
49) Dimethylphthalate	12.02	163	630458	40.98	ng	100
50) 2,6-Dinitrotoluene	12.11	165	132126	42.63	ng #	77
51) Acenaphthene	12.42	154	504366	41.90	ng	97
52) 3-Nitroaniline	12.39	138	71868	22.59	ng	94
53) 2,4-Dinitrophenol	12.58	184	118781	75.30	ng #	83
54) Dibenzofuran	12.71	168	746422	45.80	ng	95
55) 4-Nitrophenol	12.78	139	118474	78.07	ng #	40
56) 2,4-Dinitrotoluene	12.78	165	187135	45.17	ng #	91
57) Fluorene	13.26	166	604028	42.74	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	131508	47.31	ng	98
59) Diethylphthalate	13.16	149	621249	41.54	ng	100
60) 4-Chlorophenyl-phenylether	13.29	204	282513	41.00	ng	91
61) 4-Nitroaniline	13.38	138	128911	43.42	ng #	62
62) Azobenzene	13.54	77	741030	47.76	ng	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96489	40.50	ng #	67
65) n-Nitrosodiphenylamine	13.51	169	512712	42.32	ng	100
66) 4-Bromophenyl-phenylether	14.07	248	165297	40.33	ng	92
67) Hexachlorobenzene	14.14	284	172880	40.33	ng #	61
68) Atrazine	14.42	200	159244	41.23	ng	94
69) Pentachlorophenol	14.50	266	92553	70.28	ng	96
70) Phenanthrene	14.81	178	897667	43.26	ng	99
71) Anthracene	14.89	178	912614	43.53	ng	99
72) Carbazole	15.18	167	811882	45.41	ng	98
73) Di-n-butylphthalate	15.76	149	937196	40.53	ng #	98
74) Fluoranthene	16.56	202	902819	43.38	ng	97
76) Benzidine	16.80	184	132091	17.81	ng	98
77) Pyrene	16.87	202	921421	44.42	ng	100
79) Butylbenzylphthalate	17.78	149	377321	41.02	ng #	75
80) Benzo(a)anthracene	18.45	228	715701	43.66	ng	99
81) 3,3'-Dichlorobenzidine	18.43	252	114473	12.64	ng	98
82) Chrysene	18.49	228	706056	43.40	ng	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	492222	36.67	ng #	95
84) Di-n-octyl phthalate	19.30	149	718512	35.10	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.35	276	555922	42.63	ng	94
87) Benzo(b)fluoranthene	19.73	252	582545	42.67	ng #	94
88) Benzo(k)fluoranthene	19.73	252	582545	49.58	ng #	97
89) Benzo(a)pyrene	20.07	252	537131	45.49	ng	97
90) Dibenzo(a,h)anthracene	21.36	278	463557	46.03	ng #	94
91) Benzo(g,h,i)perylene	21.70	276	467040	47.01	ng #	91

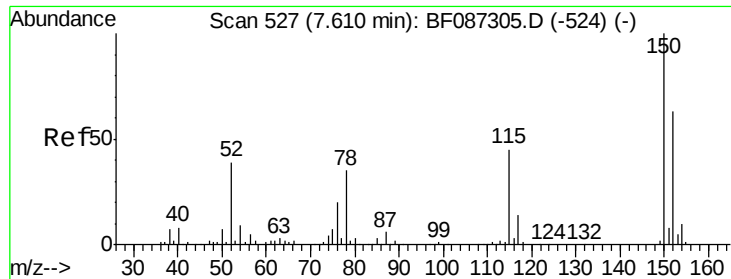
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

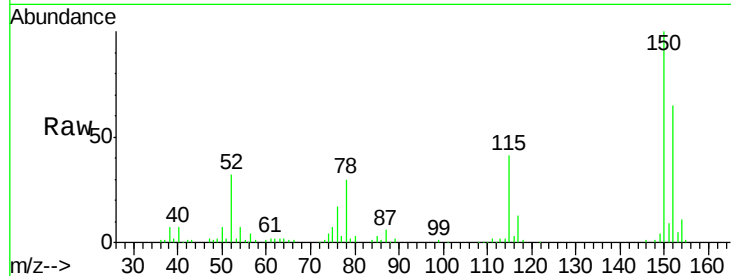
Tgt Ion:152 Resp: 99925

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

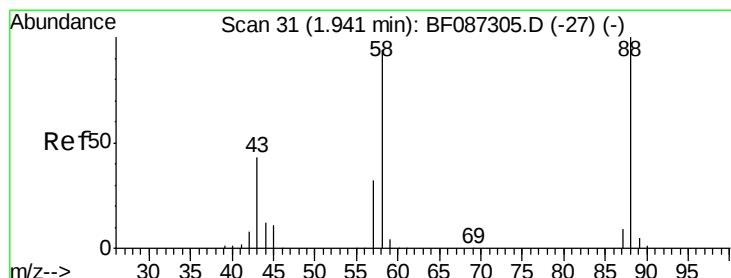
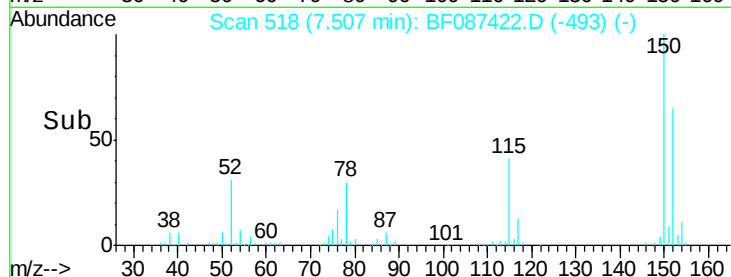
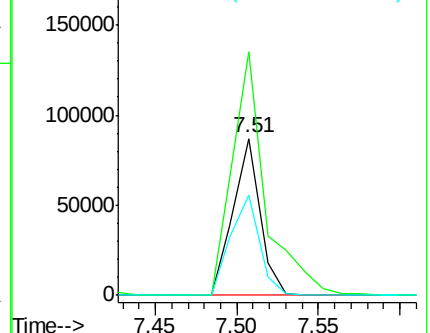
115 64.0 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.76 ng

RT: 1.90 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

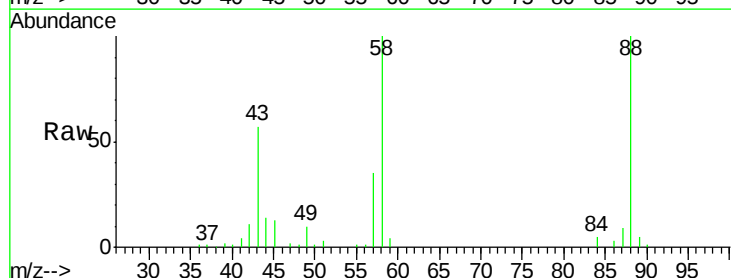
Tgt Ion: 88 Resp: 98308

Ion Ratio Lower Upper

88 100

58 98.7 59.6 89.4#

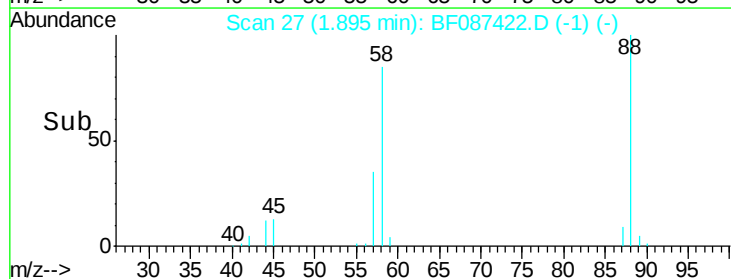
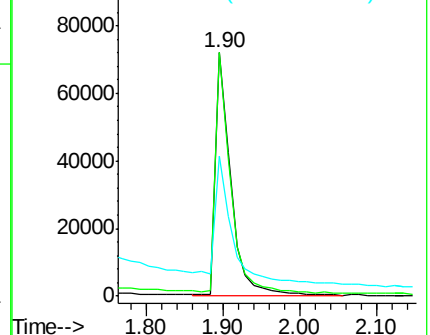
43 62.7 21.8 32.6#

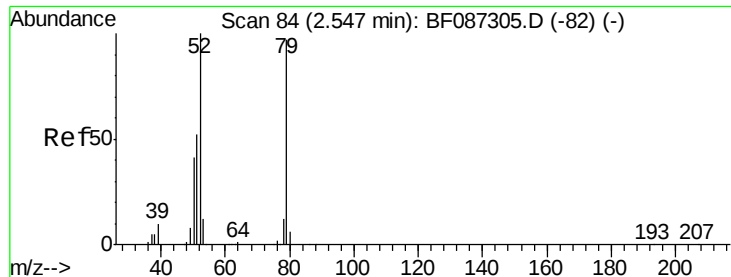


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.20 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF087422.D

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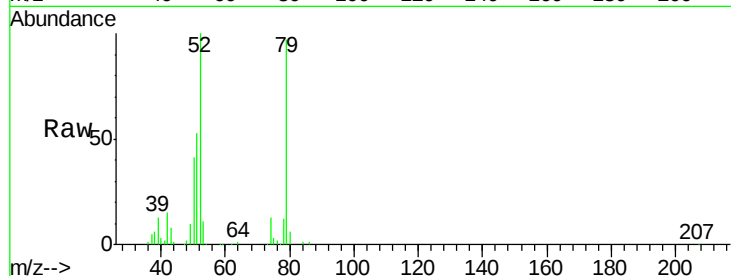
Tgt Ion: 79 Resp: 244002

Ion Ratio Lower Upper

79 100

52 103.1 55.9 83.9#

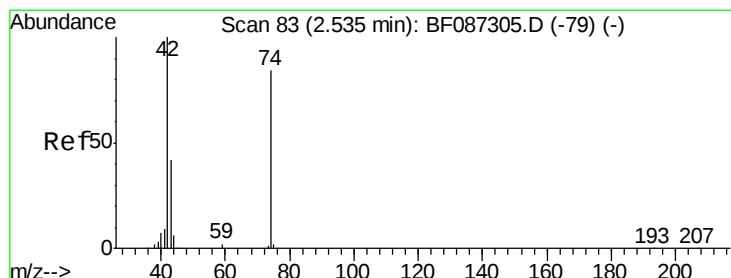
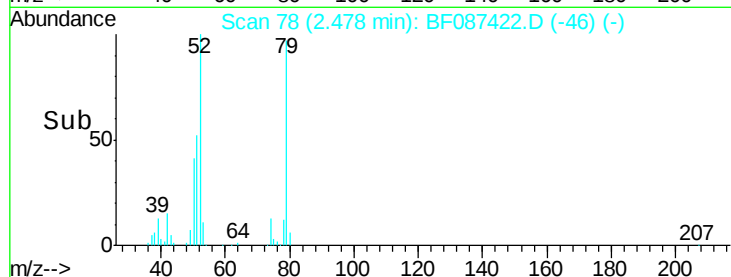
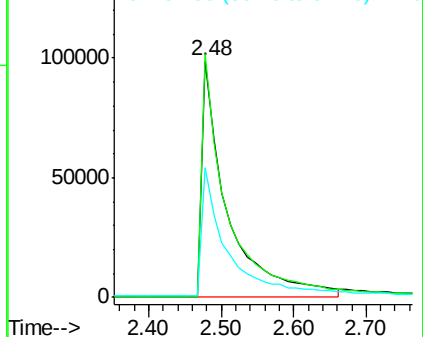
51 55.0 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.74 ng

RT: 2.46 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

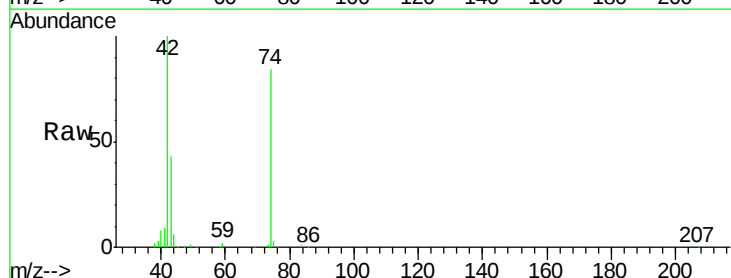
Tgt Ion: 42 Resp: 226141

Ion Ratio Lower Upper

42 100

74 84.4 123.4 185.0#

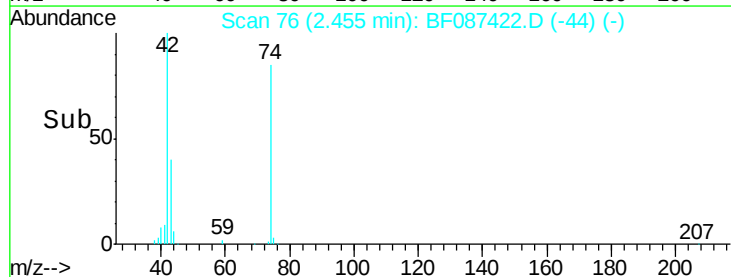
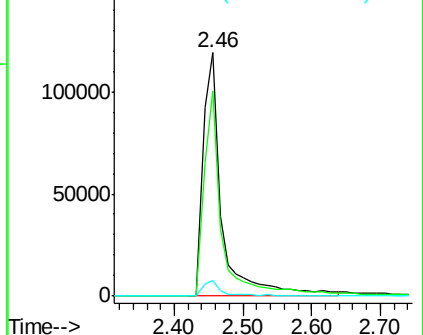
44 6.3 5.8 8.6

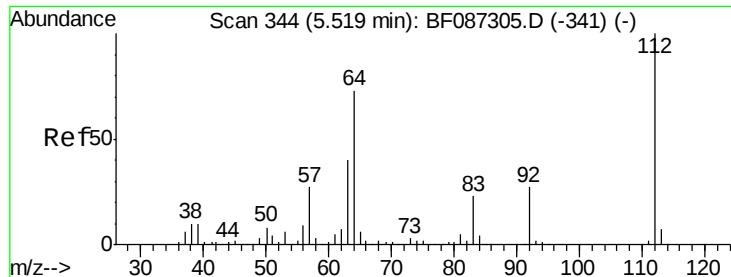


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.76 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

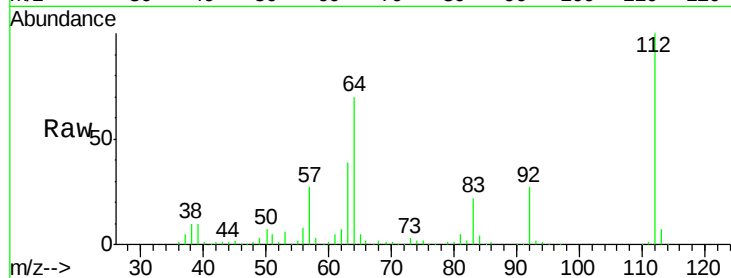
Instrument :

BNA_F

ClientSampleId :

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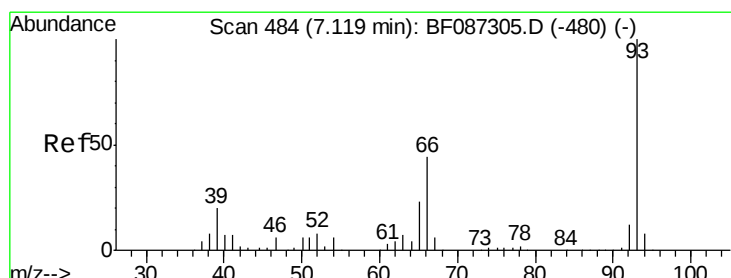
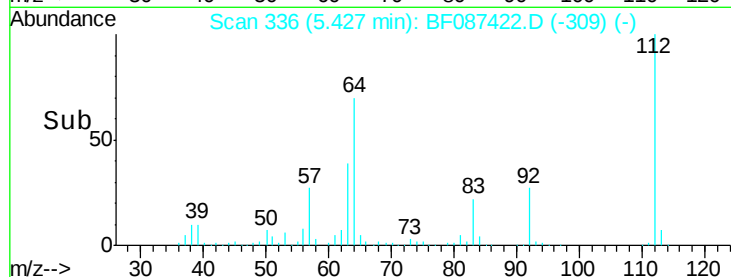
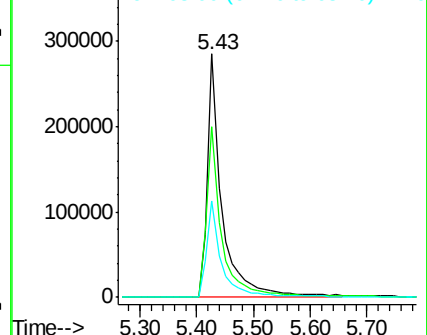
Tgt Ion:	112	Resp:	499092
Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.1	78.1
63	39.4	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.17 ng

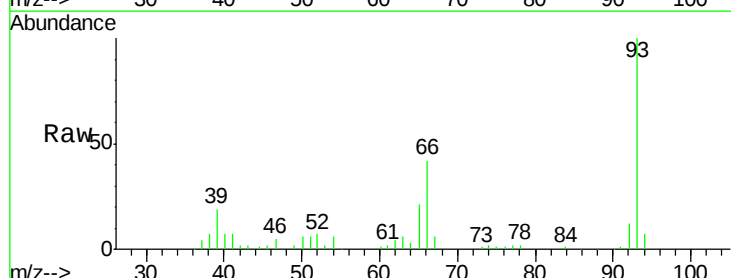
RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

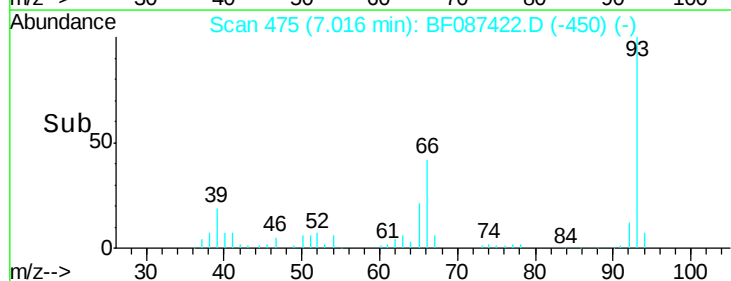
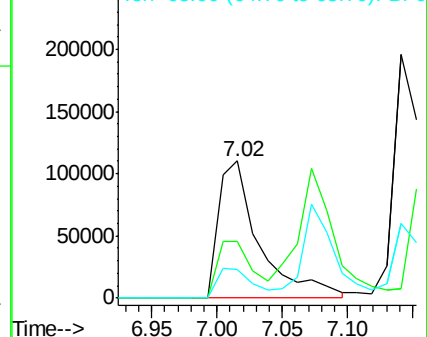
Tgt Ion:	93	Resp:	240269
Ion	Ratio	Lower	Upper
93	100		
66	41.7	39.0	58.6
65	21.2	20.6	31.0

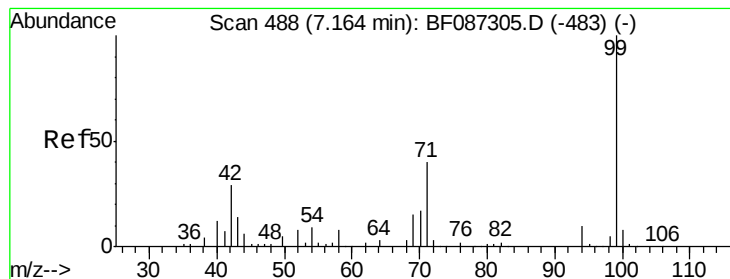


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.96 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

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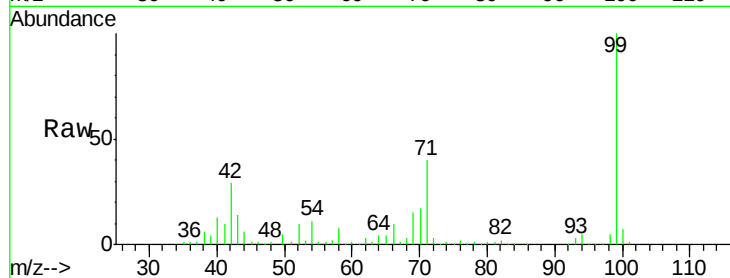
Tgt Ion: 99 Resp: 637491

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

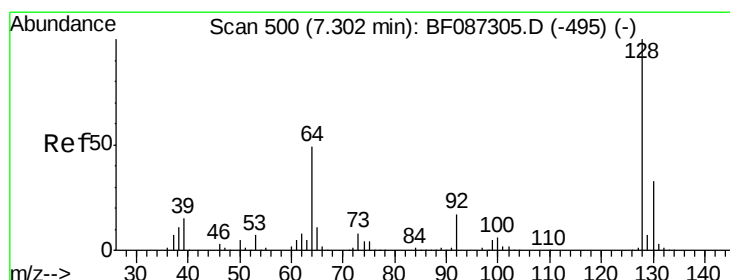
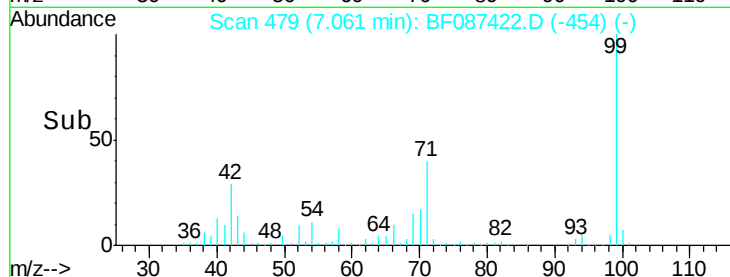
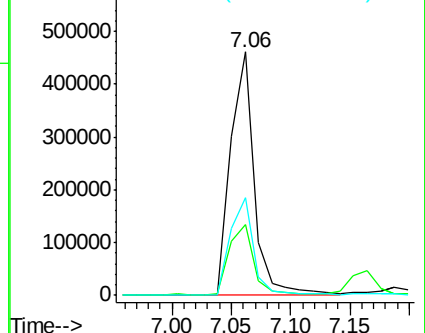
71 40.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.88 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

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Acq: 26 May 2016 23:00

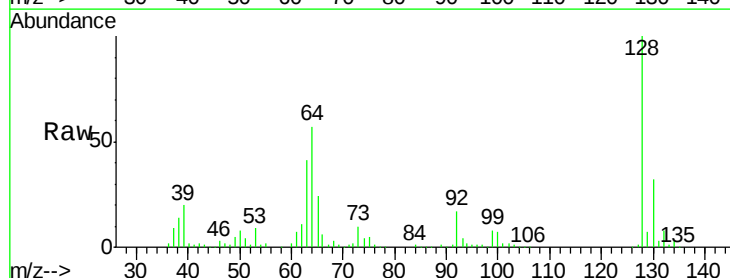
Tgt Ion: 128 Resp: 297038

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

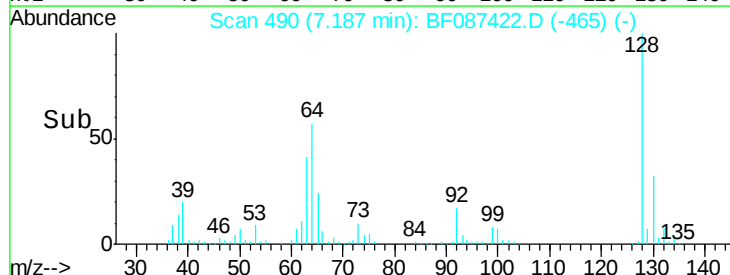
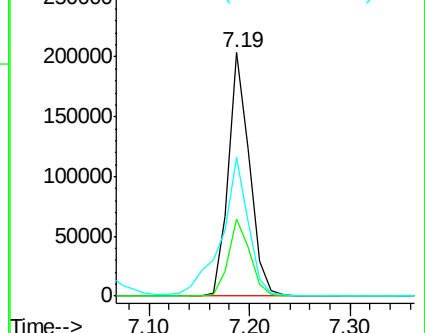
64 57.1 27.3 67.3

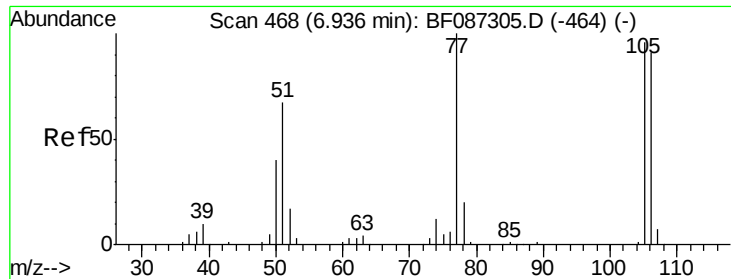


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.31 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.02 min

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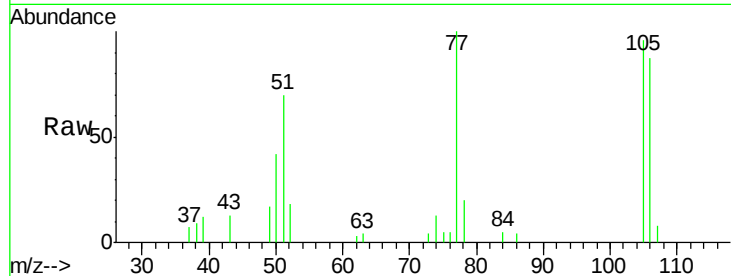
Tgt Ion: 77 Resp: 35273

Ion Ratio Lower Upper

77 100

105 95.5 72.7 112.7

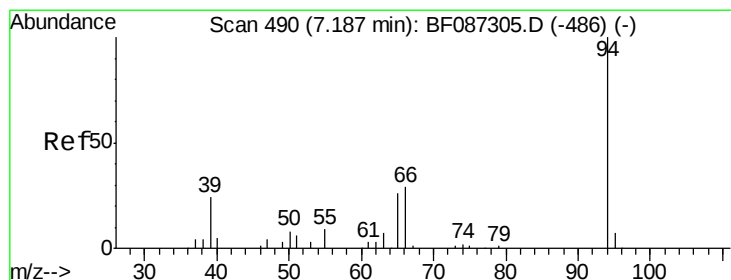
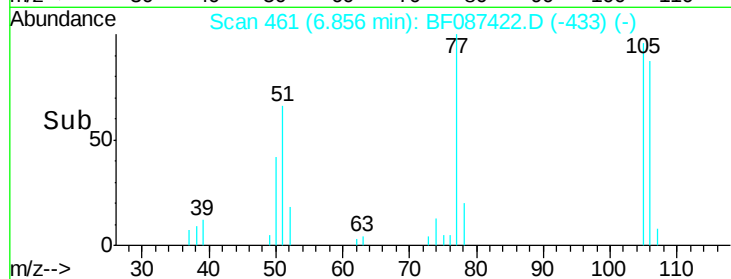
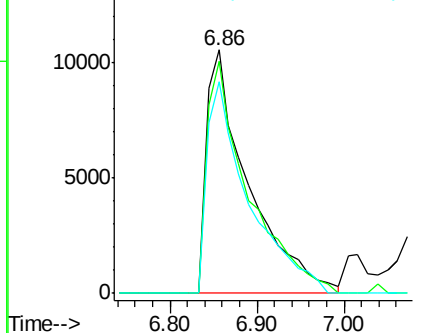
106 86.9 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.43 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

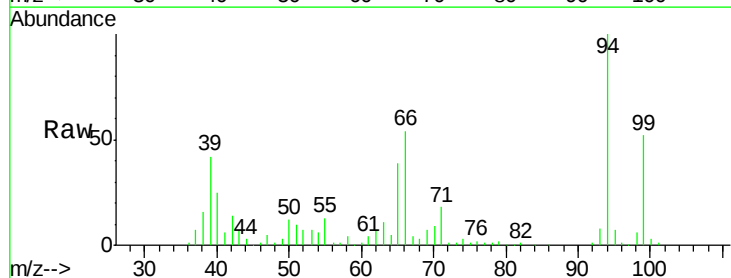
Tgt Ion: 94 Resp: 372823

Ion Ratio Lower Upper

94 100

65 39.2 7.2 47.2

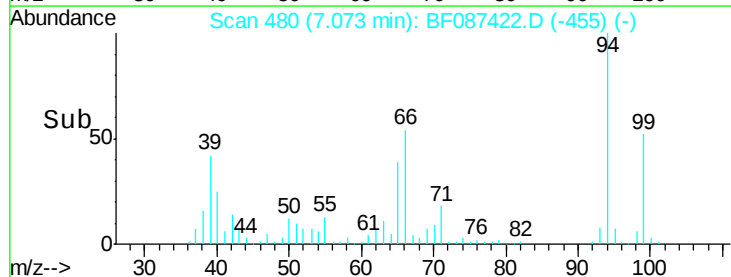
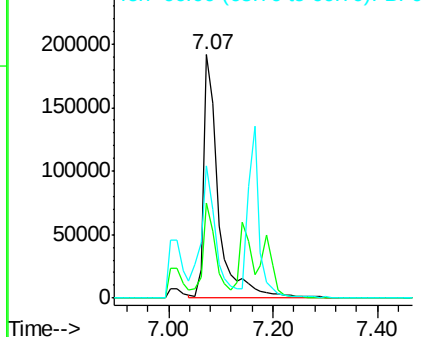
66 54.2 14.9 54.9

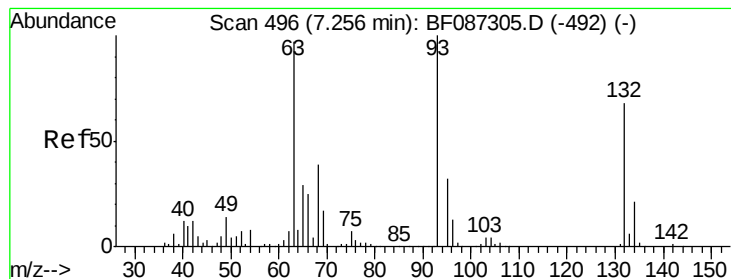


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.47 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

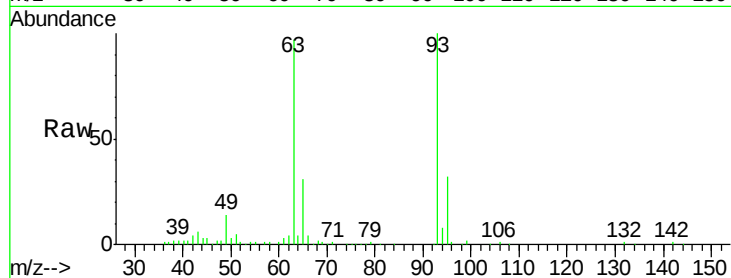
Tgt Ion: 93 Resp: 288435

Ion Ratio Lower Upper

93 100

63 97.0 58.0 98.0

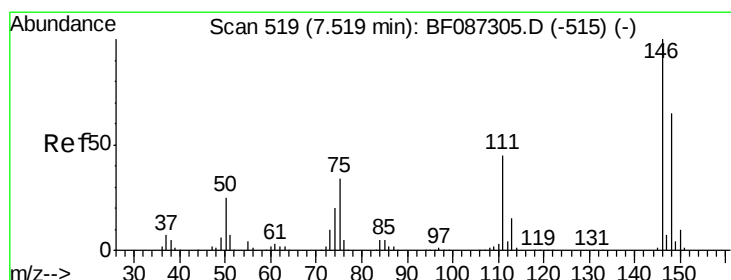
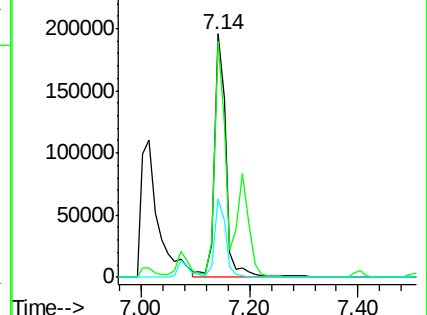
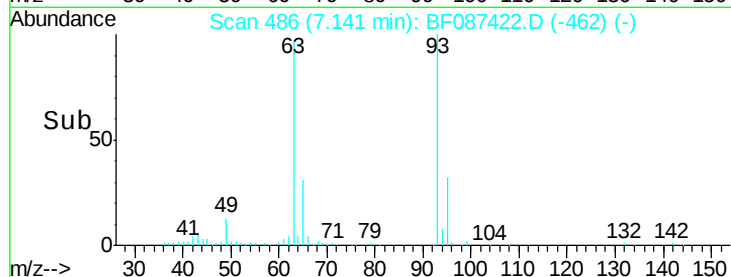
95 32.3 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.91 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

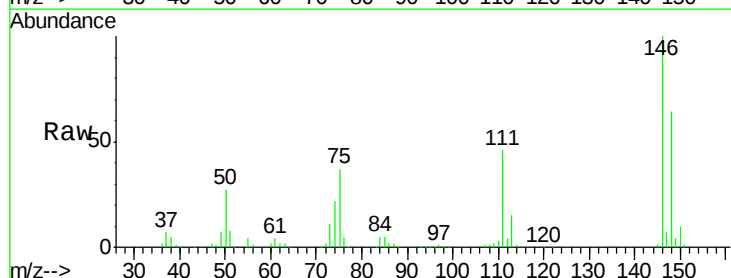
Tgt Ion: 146 Resp: 308696

Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

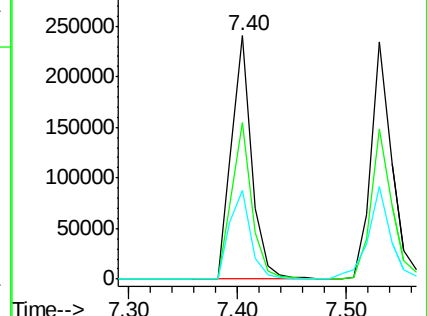
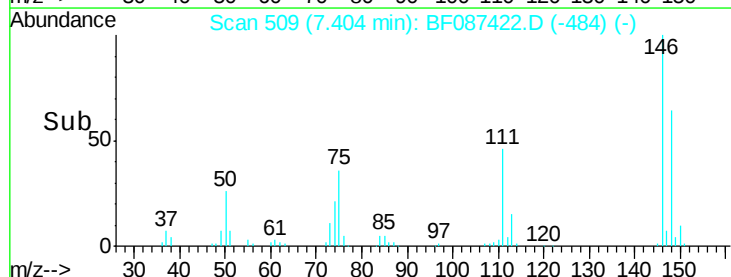
75 36.5 22.8 34.2#

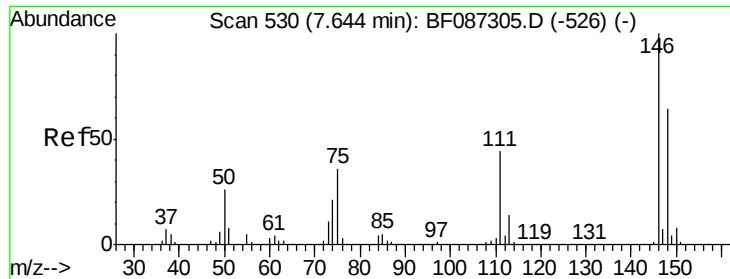


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

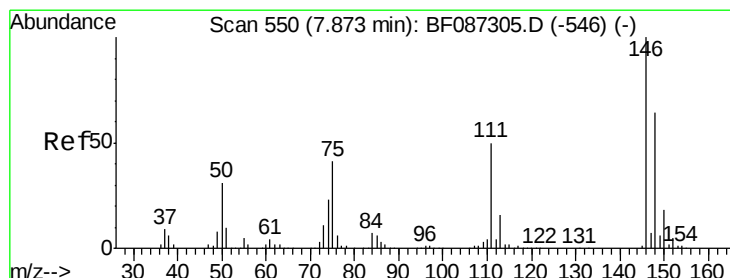
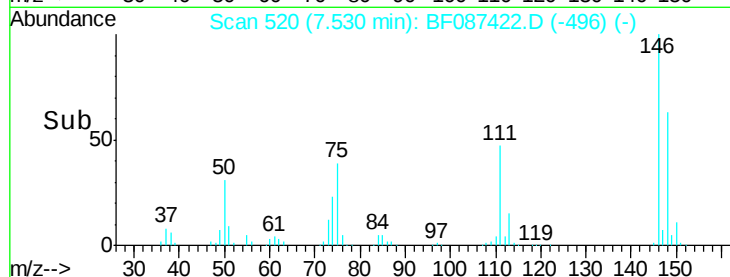
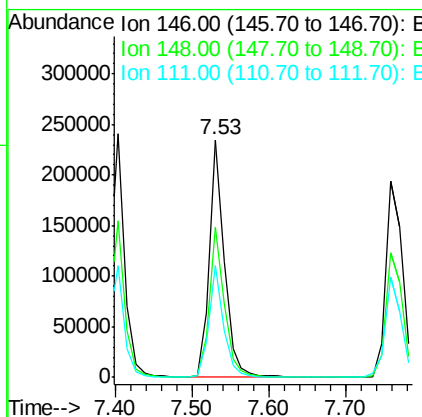
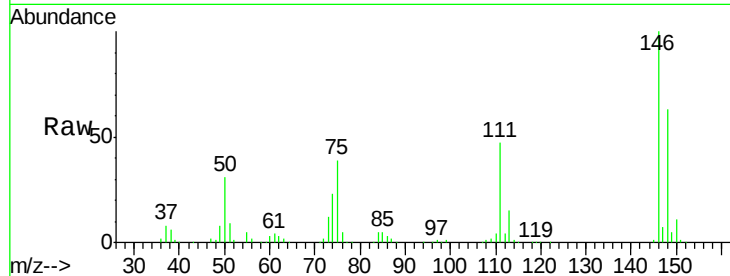




#13
 1,4-Dichlorobenzene
 Concen: 39.90 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

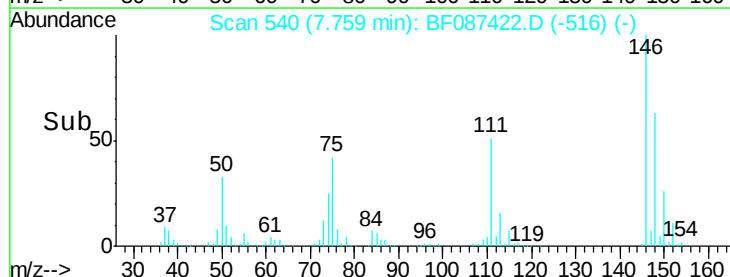
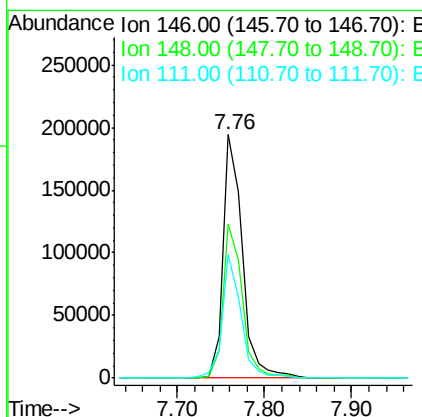
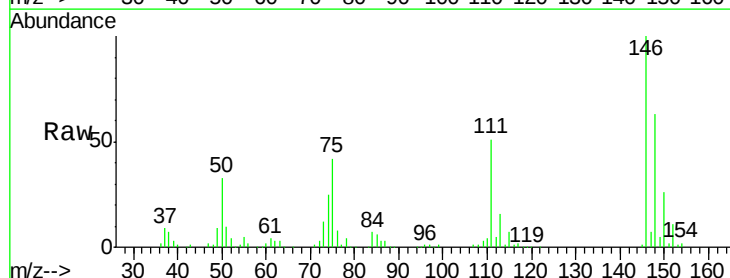
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

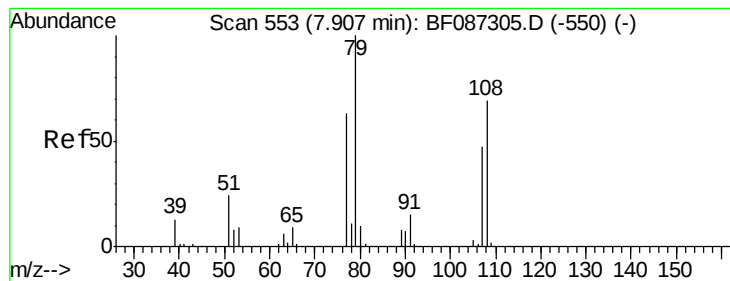
Tgt Ion:146 Resp: 316818
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 47.0 30.7 46.1#



#14
 1,2-Dichlorobenzene
 Concen: 40.81 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:146 Resp: 299794
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 50.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 44.12 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

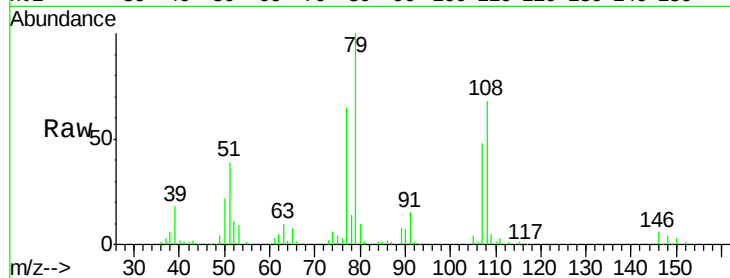
Tgt Ion: 79 Resp: 247178

Ion Ratio Lower Upper

79 100

108 68.4 68.4 102.6#

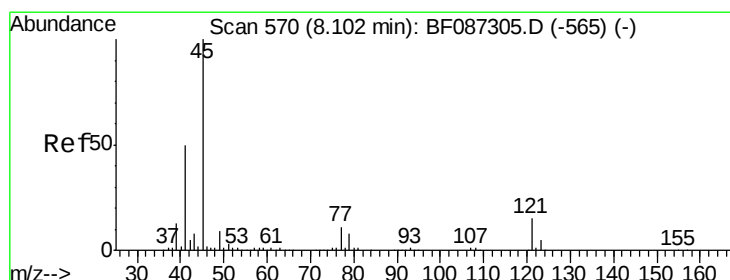
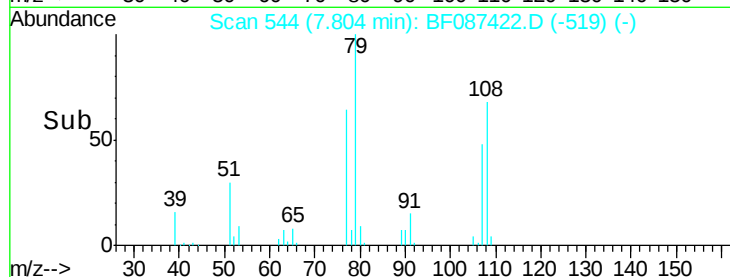
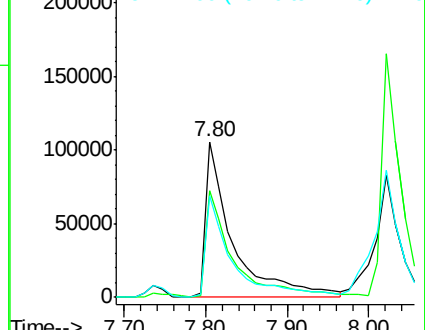
77 65.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.07 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

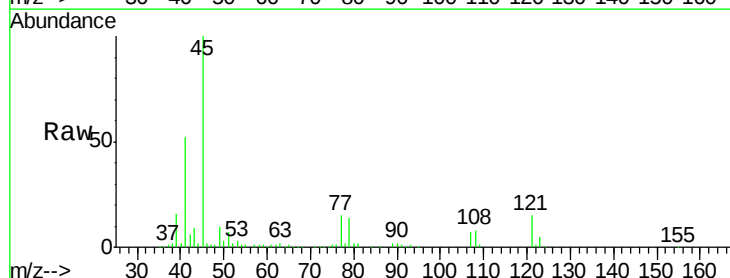
Tgt Ion: 45 Resp: 566484

Ion Ratio Lower Upper

45 100

77 15.5 0.0 36.4

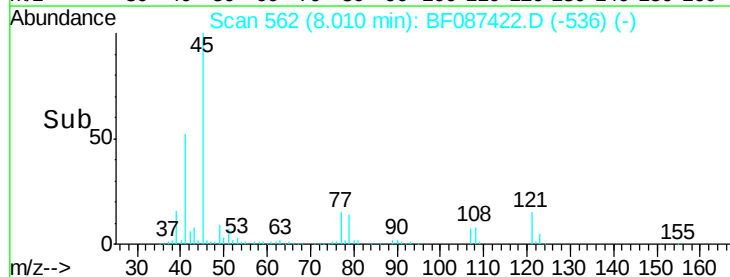
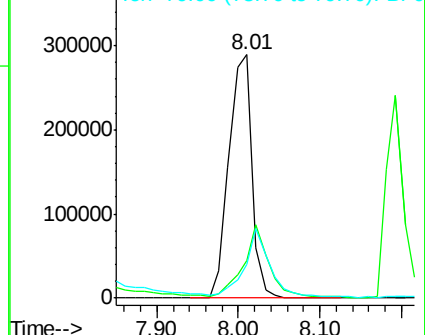
79 13.8 0.0 33.4

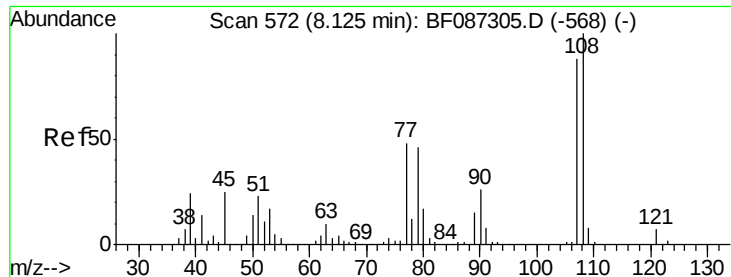


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

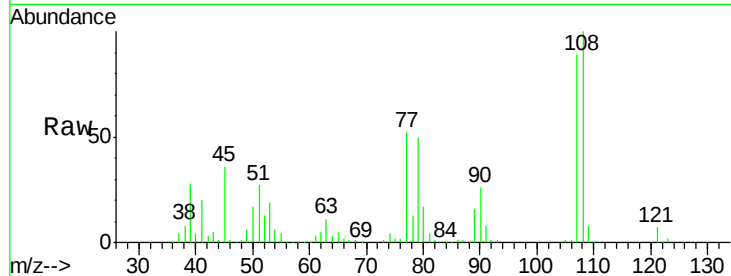




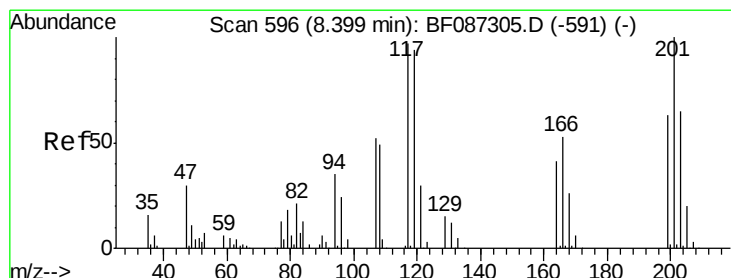
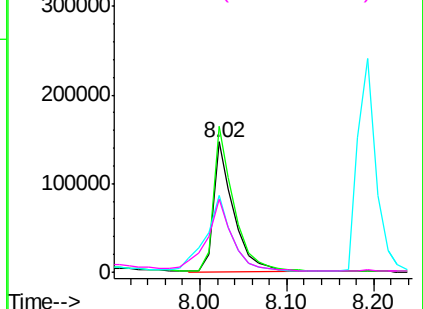
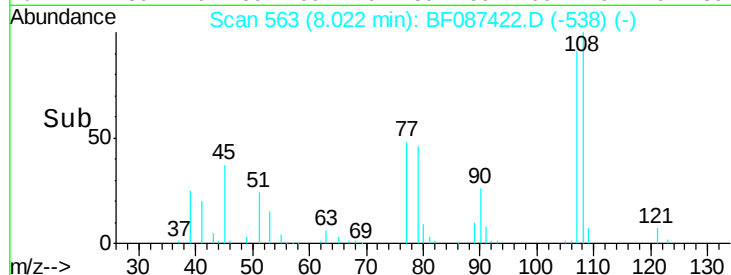
#17
2-Methylphenol
Concen: 42.14 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tgt Ion:107 Resp: 239474
Ion Ratio Lower Upper
107 100
108 112.4 93.7 140.5
77 58.9 33.4 50.0#
79 56.5 34.3 51.5#

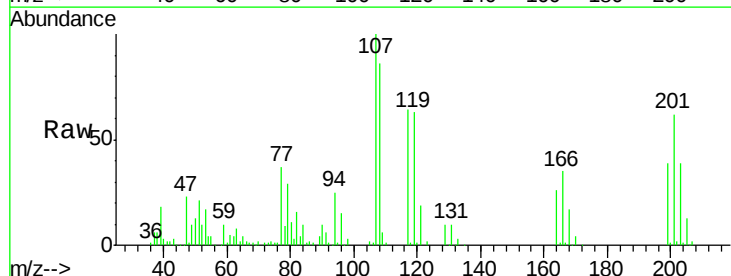


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

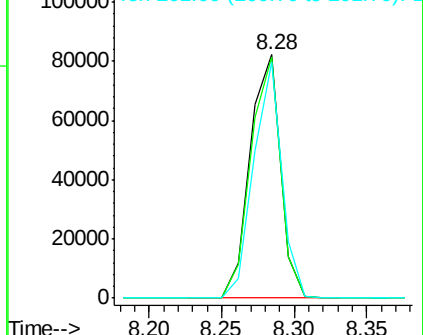
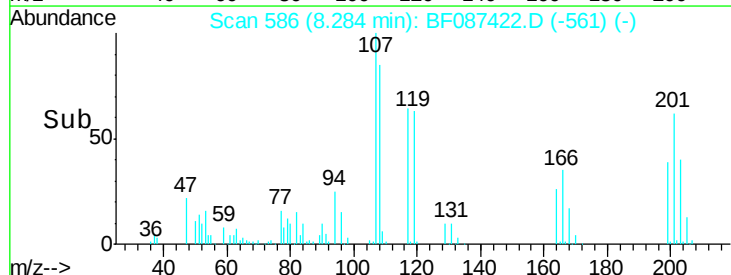


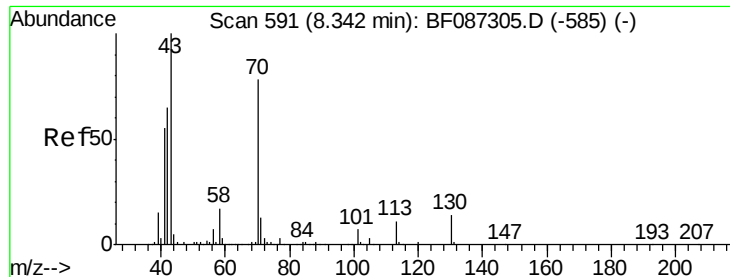
#18
Hexachloroethane
Concen: 40.35 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion:117 Resp: 119522
Ion Ratio Lower Upper
117 100
119 98.8 76.5 114.7
201 97.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

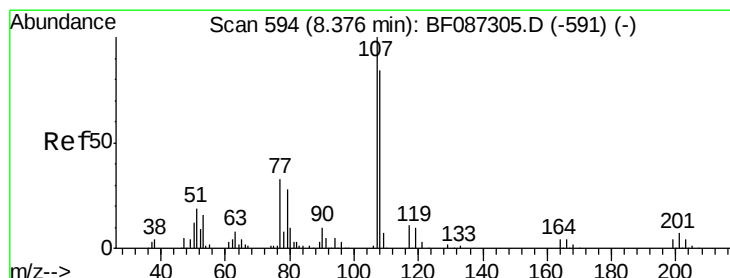
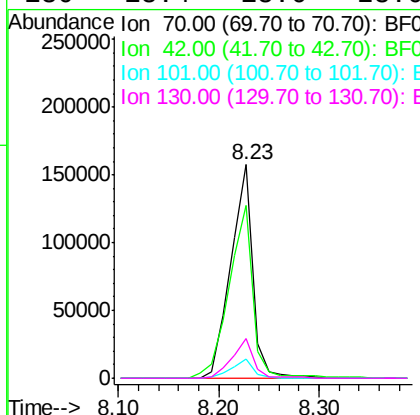
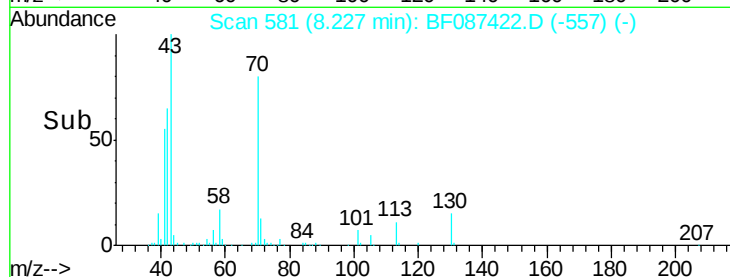
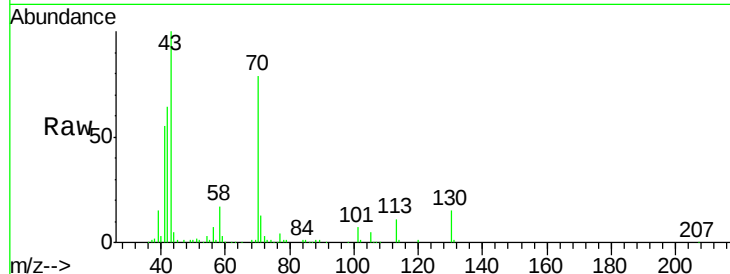




#19
n-Nitroso-di-n-propylamine
Concen: 41.89 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

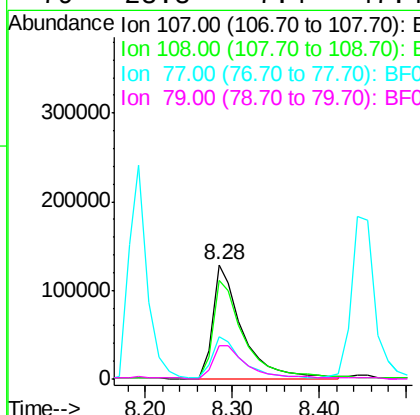
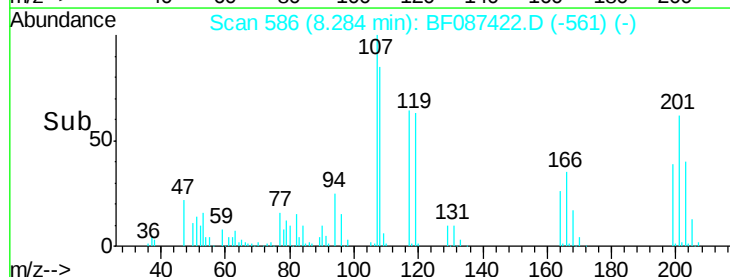
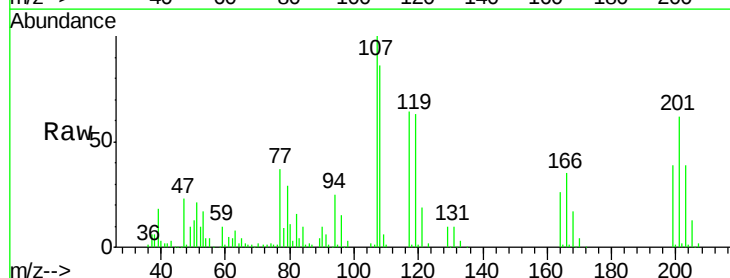
Instrument :
BNA_F
ClientSampleId :
PB90911BS

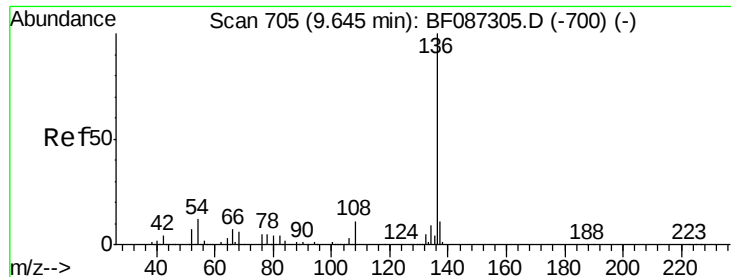
Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.1	43.1	64.7#
101	9.0	8.1	12.1
130	18.4	18.6	28.0#



#20
3+4-Methylphenols
Concen: 44.31 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.5	108.5
77	37.3	101.6	141.6#
79	28.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

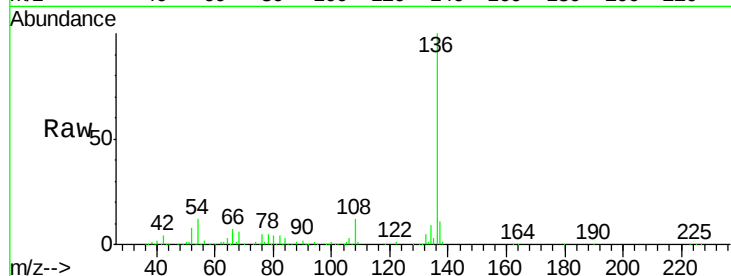
Instrument :

BNA_F

ClientSampleId :

PB90911BS

Tgt Ion:	136	Resp:	406715
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	12.4	5.0	7.4#
68	6.0	4.4	6.6

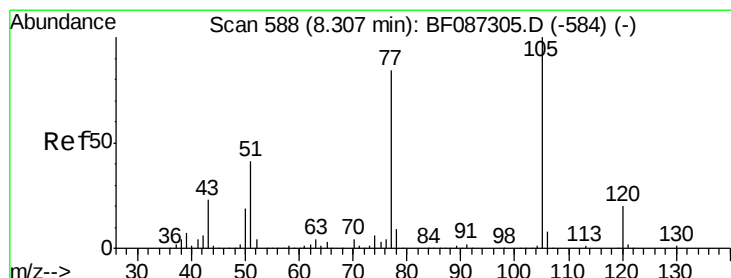
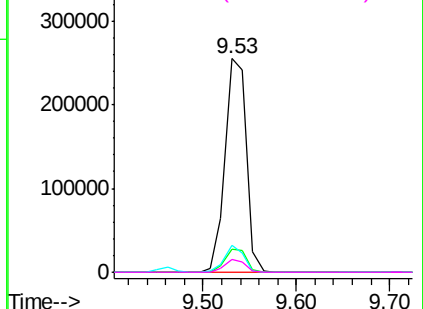
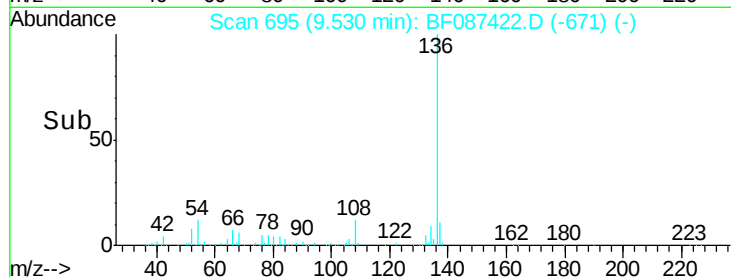


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.36 ng

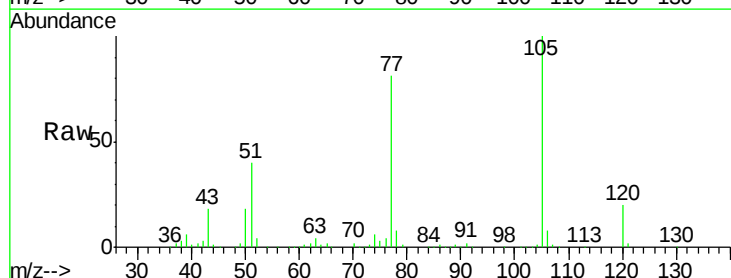
RT: 8.19 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	105	Resp:	431011
Ion	Ratio	Lower	Upper
105	100		
71	0.3	4.8	7.2#
51	39.5	32.6	49.0
120	20.0	16.5	24.7

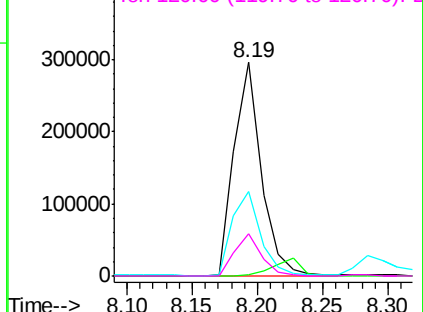
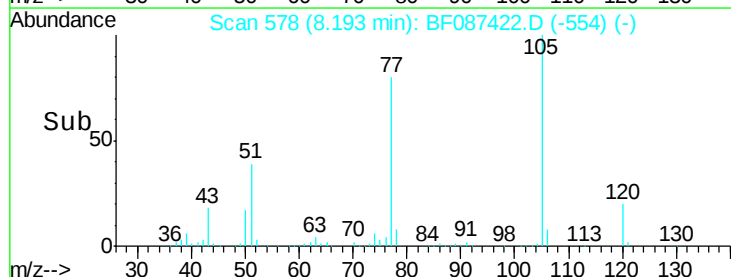


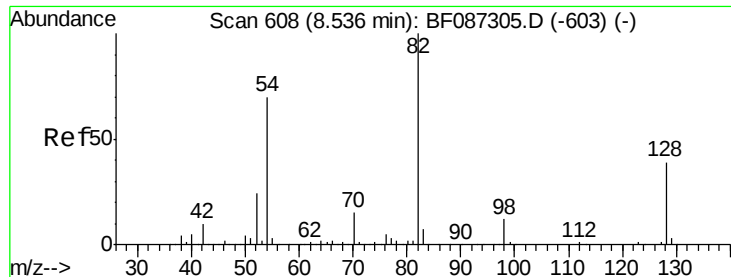
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

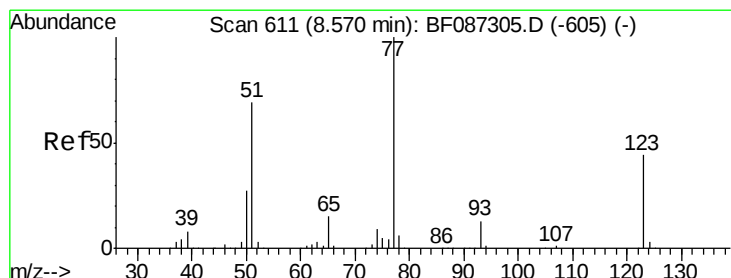
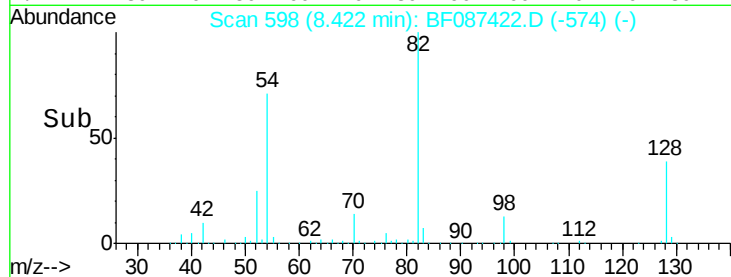
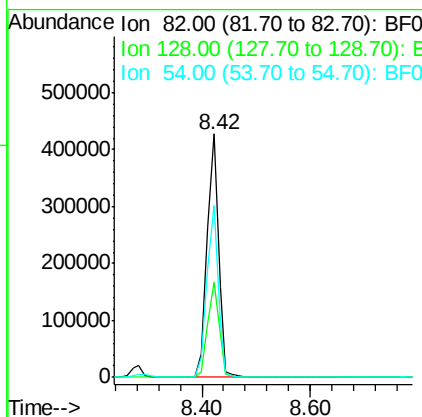
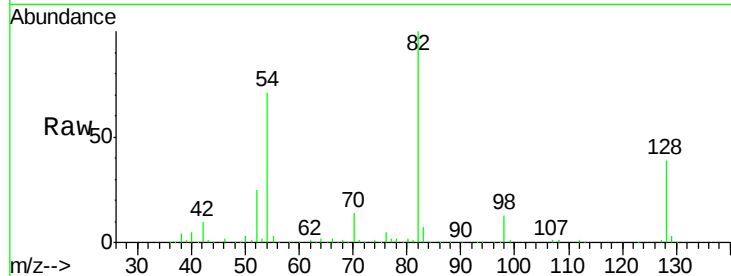




#23
 Nitrobenzene-d5
 Concen: 78.04 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

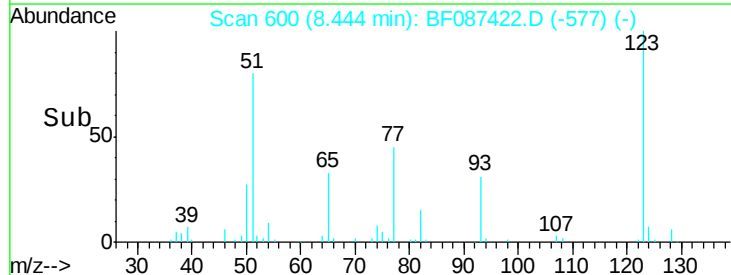
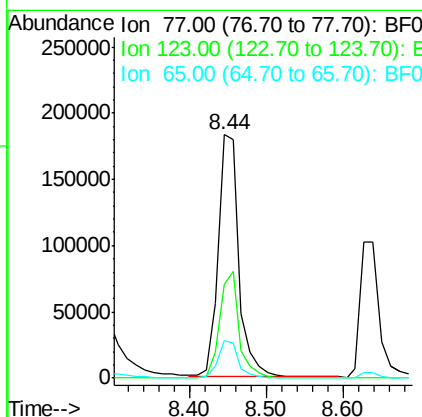
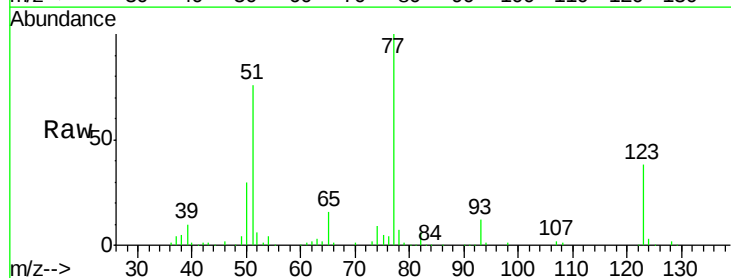
Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

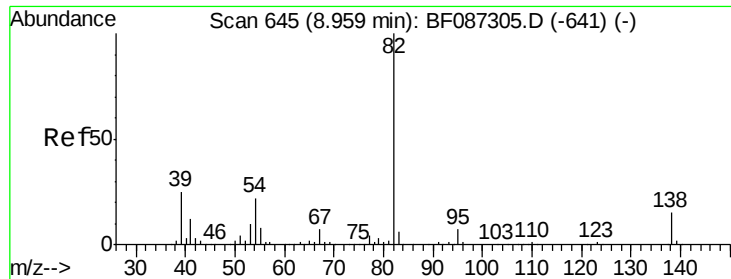
Tgt Ion: 82 Resp: 629745
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 70.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.86 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion: 77 Resp: 348101
 Ion Ratio Lower Upper
 77 100
 123 38.4 33.0 49.4
 65 15.6 10.8 16.2





#25

Isophorone

Concen: 40.34 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

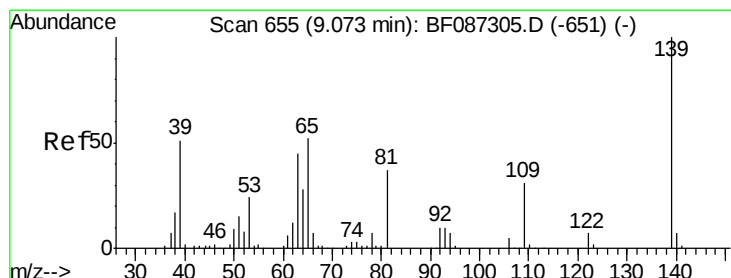
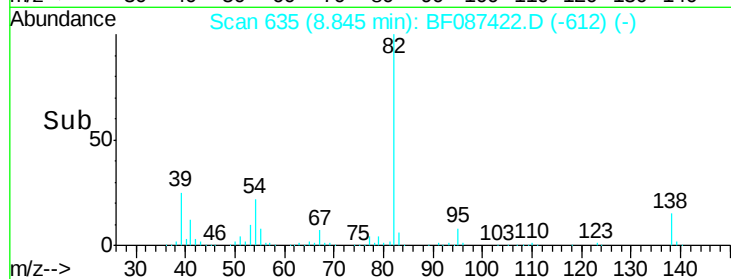
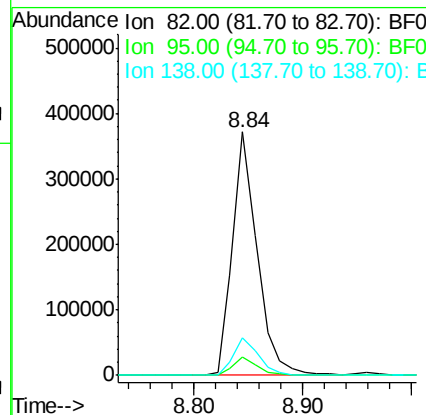
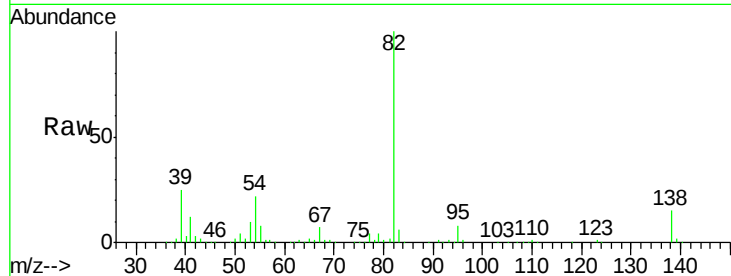
Tgt Ion: 82 Resp: 583804

Ion Ratio Lower Upper

82 100

95 7.7 5.1 7.7#

138 15.3 12.4 18.6



#26

2-Nitrophenol

Concen: 43.03 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

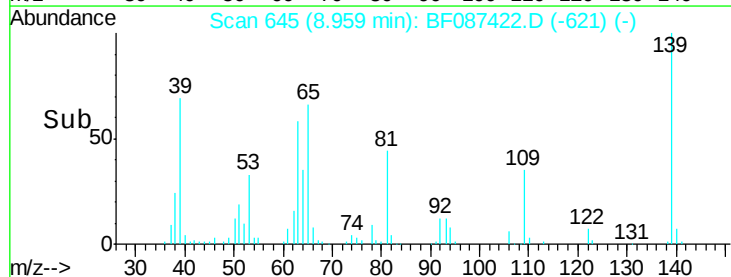
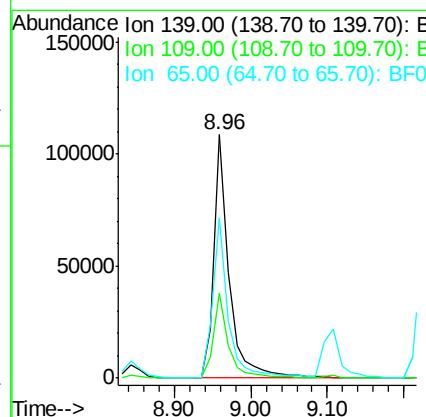
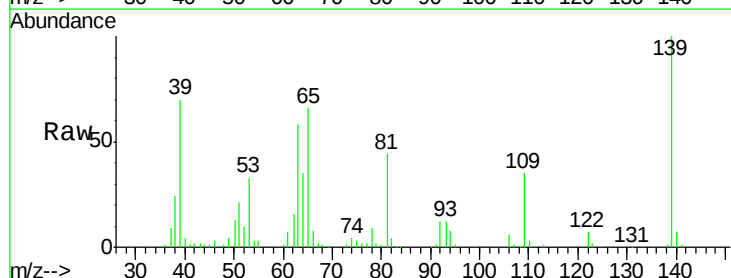
Tgt Ion: 139 Resp: 149838

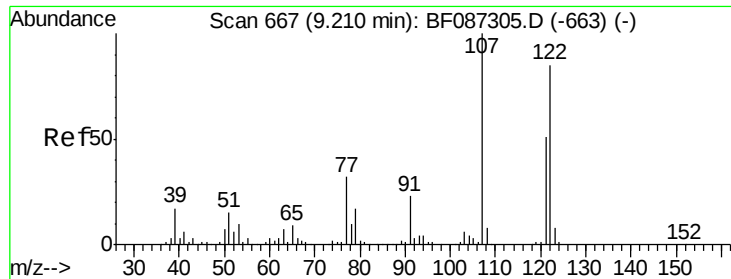
Ion Ratio Lower Upper

139 100

109 34.8 19.5 29.3#

65 66.0 37.5 56.3#

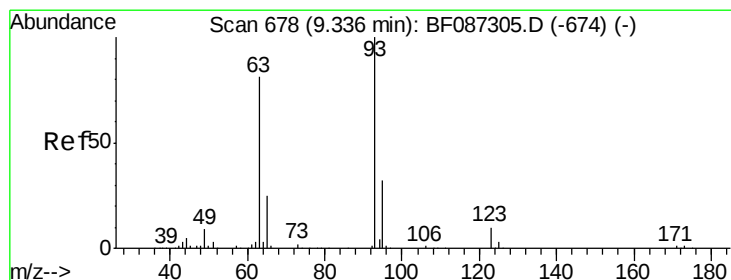
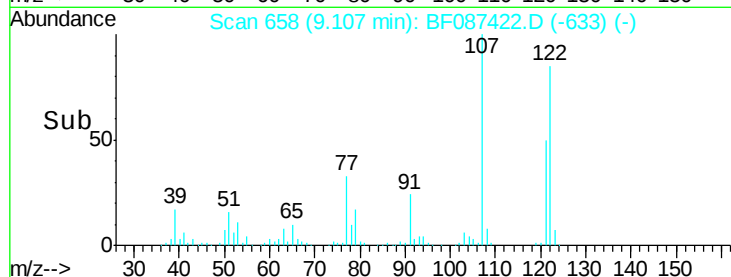
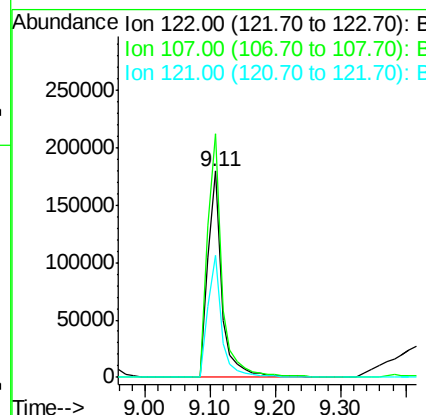
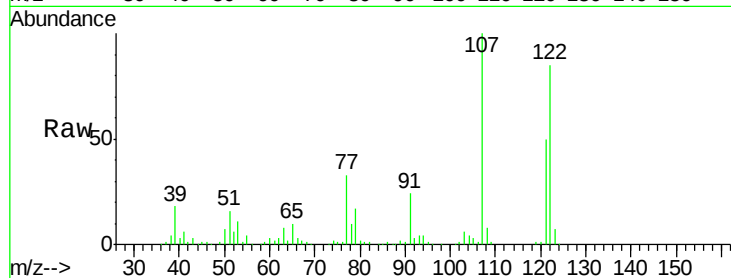




#27
 2,4-Dimethylphenol
 Concen: 44.12 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

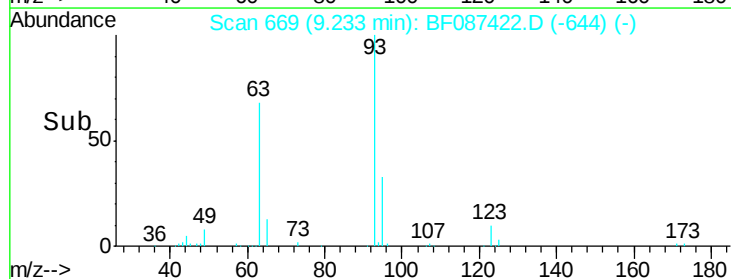
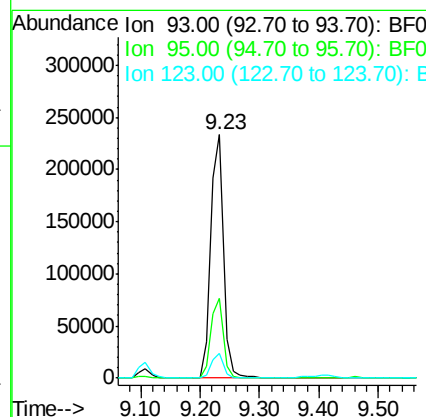
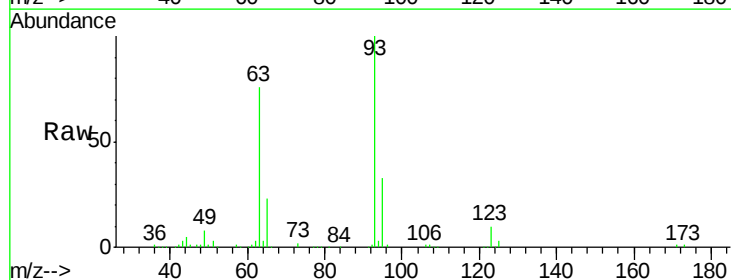
Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

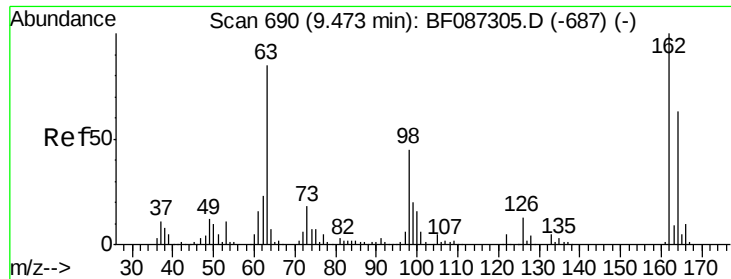
Tgt Ion:122 Resp: 266663
 Ion Ratio Lower Upper
 122 100
 107 118.2 82.0 123.0
 121 59.2 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.46 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion: 93 Resp: 354279
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 10.2 9.5 14.3

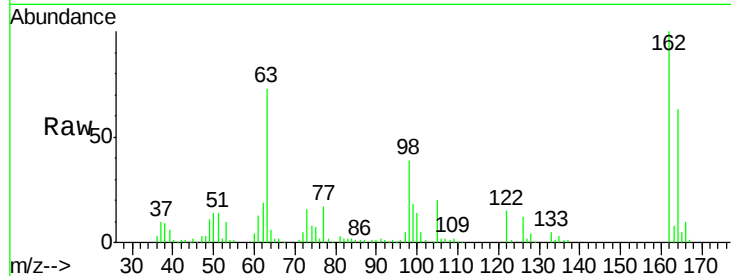




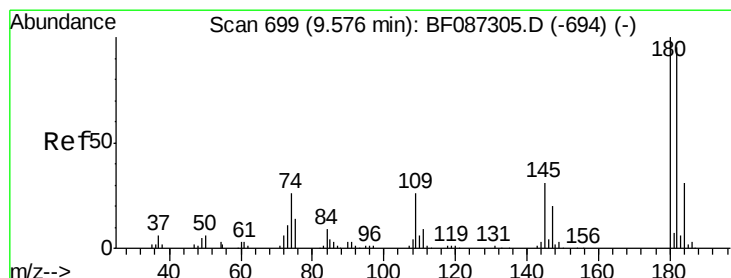
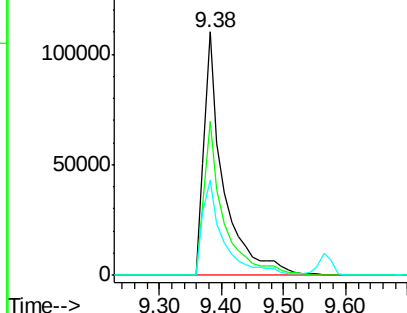
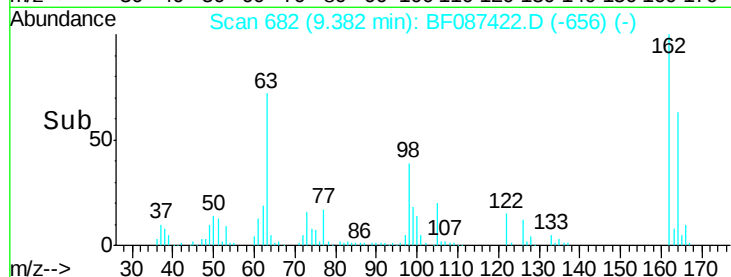
#29
 2,4-Dichlorophenol
 Concen: 44.22 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.2	82.2
98	39.0	19.0	59.0

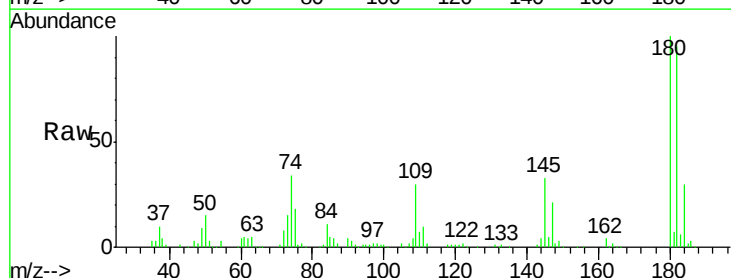


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

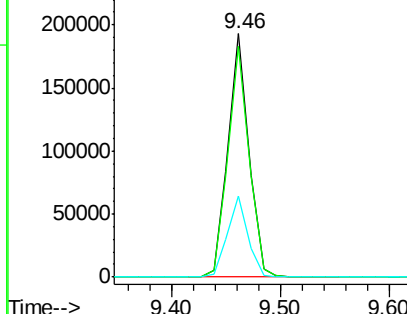
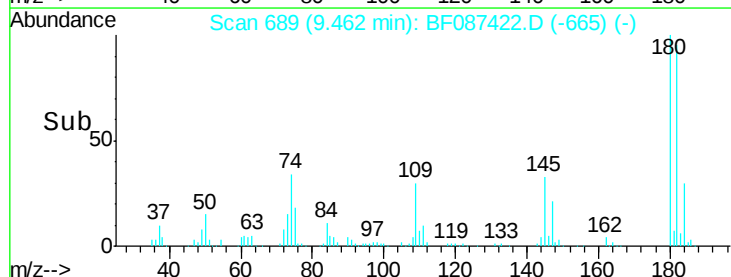


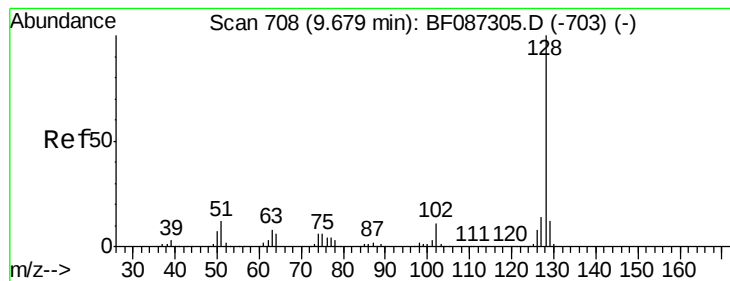
#30
 1,2,4-Trichlorobenzene
 Concen: 40.99 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.0	117.0
145	33.2	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.44 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

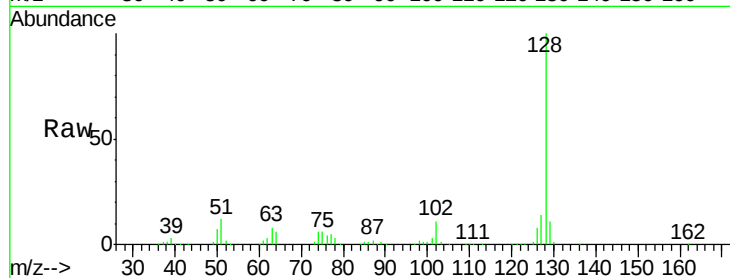
Tgt Ion:128 Resp: 844560

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

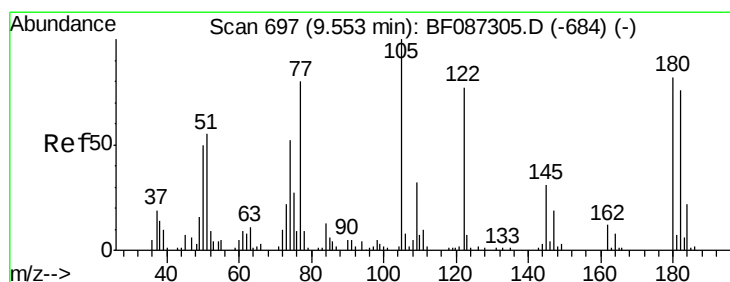
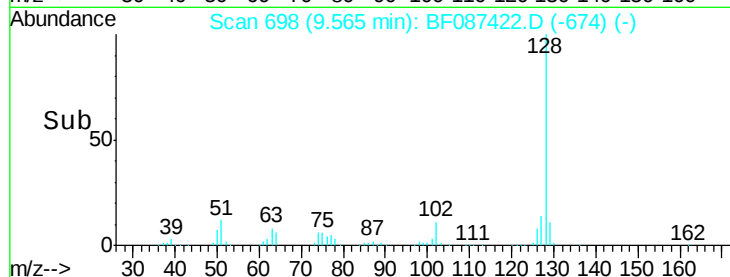
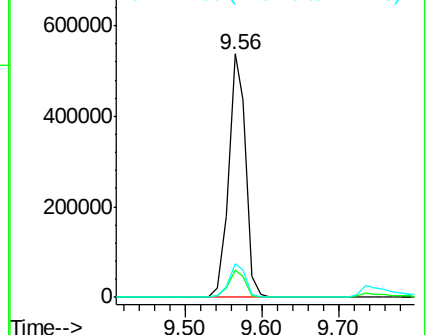
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.49 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

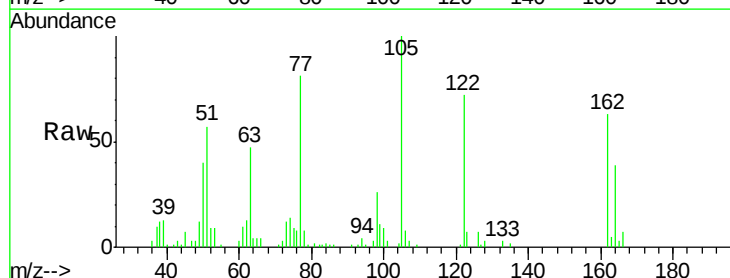
Tgt Ion:122 Resp: 122810

Ion Ratio Lower Upper

122 100

105 138.0 92.6 132.6#

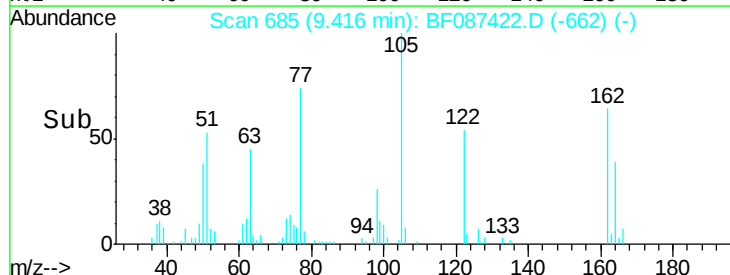
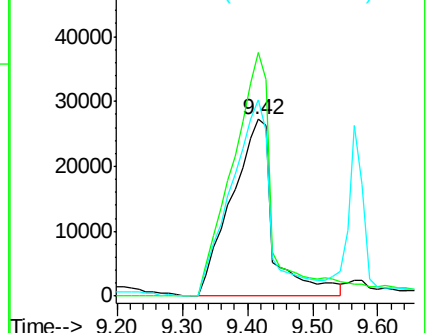
77 111.2 60.0 100.0#

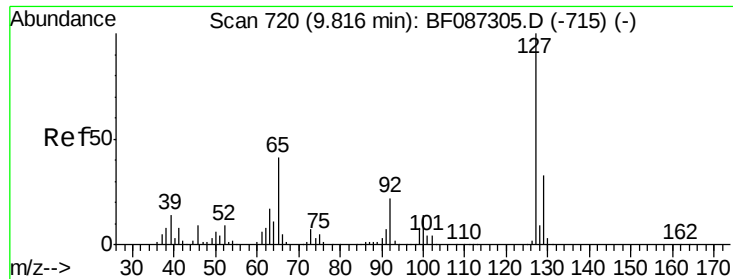


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

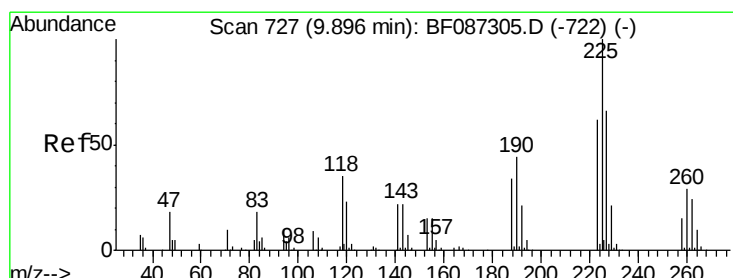
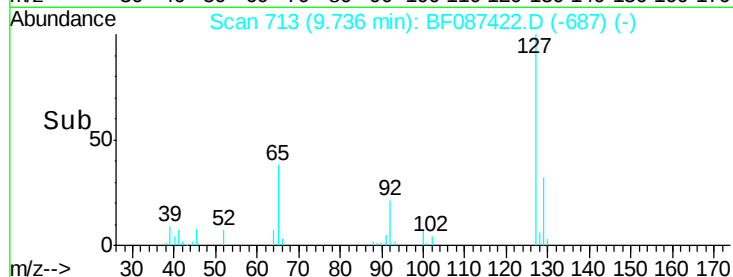
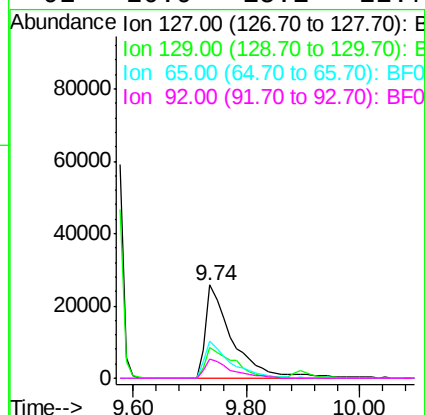
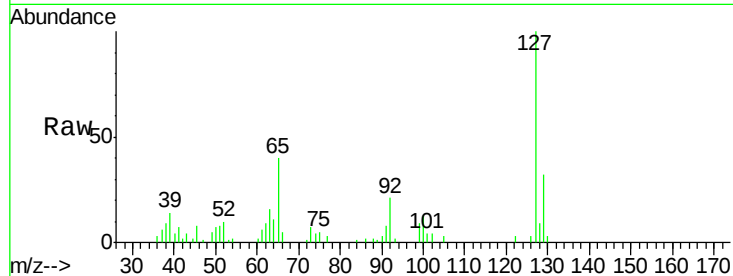




#33
4-Chloroaniline
Concen: 11.02 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

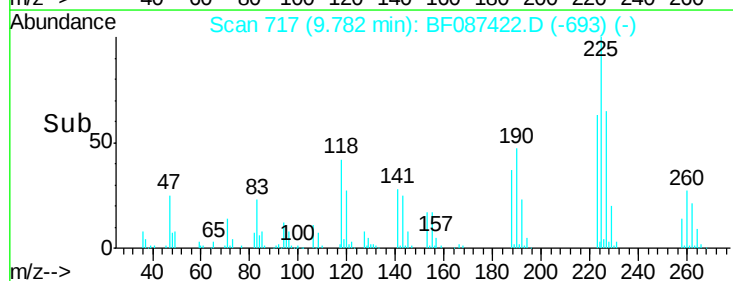
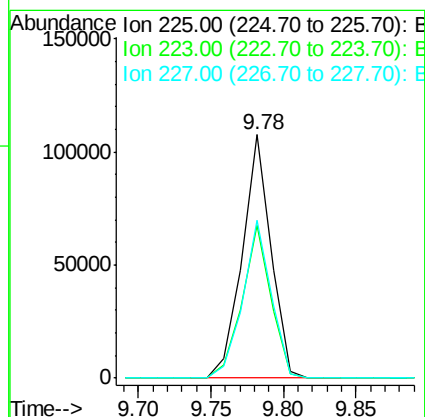
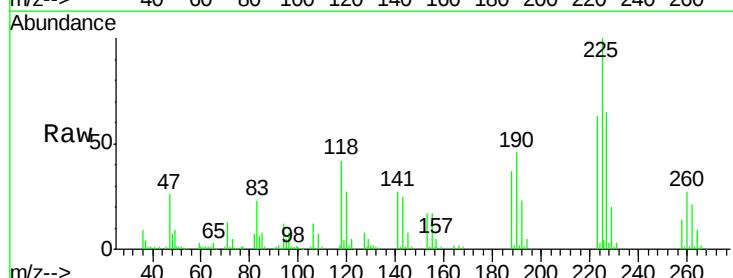
Instrument :
BNA_F
ClientSampleId :
PB90911BS

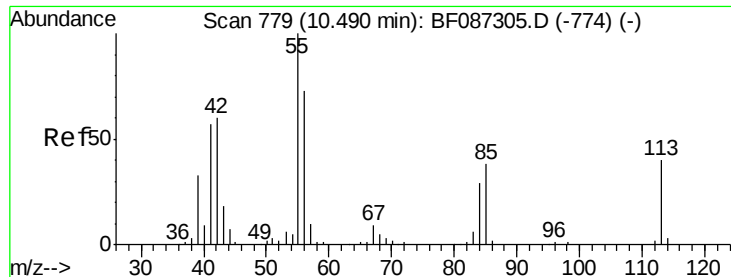
Tgt Ion:	127	Resp:	82749
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	40.2	23.0	34.4
92	20.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.92 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion:	225	Resp:	147519
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	64.7	52.2	78.2





#35

Caprolactam

Concen: 25.56 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

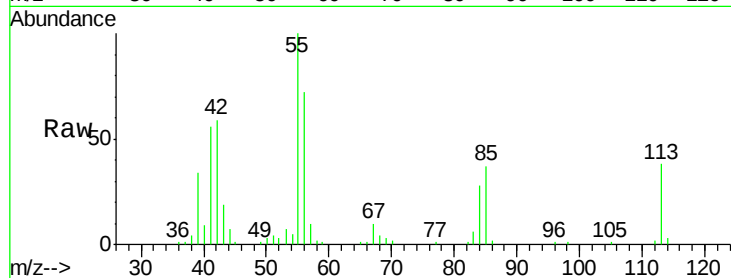
Tgt Ion:113 Resp: 40634

Ion Ratio Lower Upper

113 100

55 260.9 162.0 202.0#

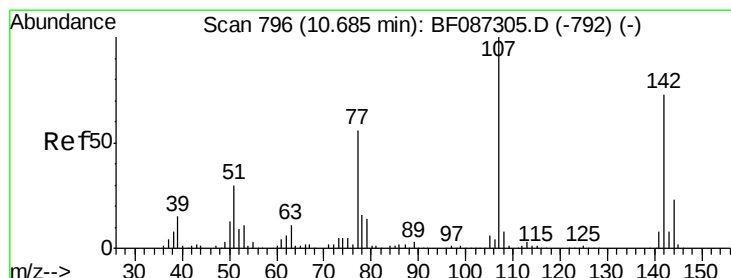
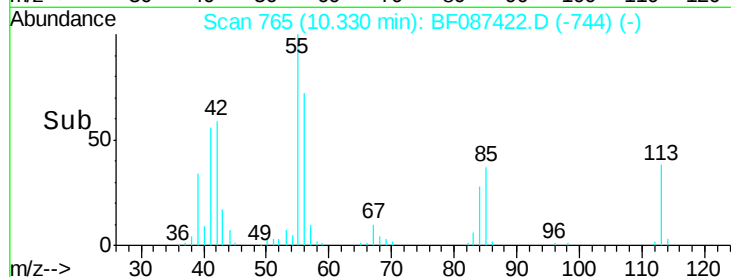
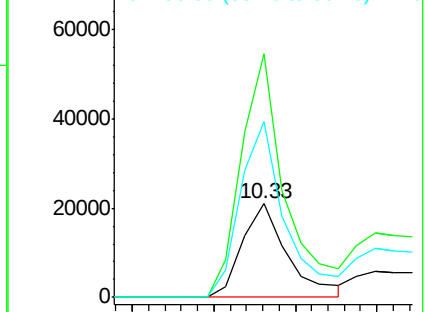
56 188.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.78 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

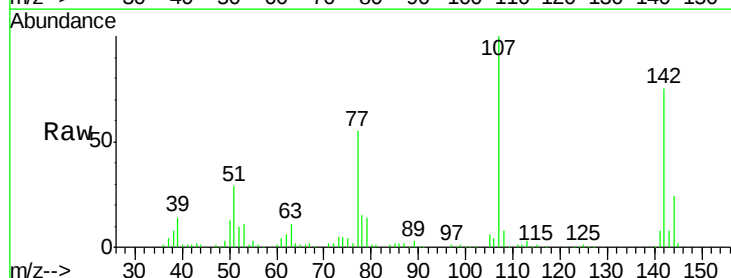
Tgt Ion:107 Resp: 281938

Ion Ratio Lower Upper

107 100

144 24.2 20.7 31.1

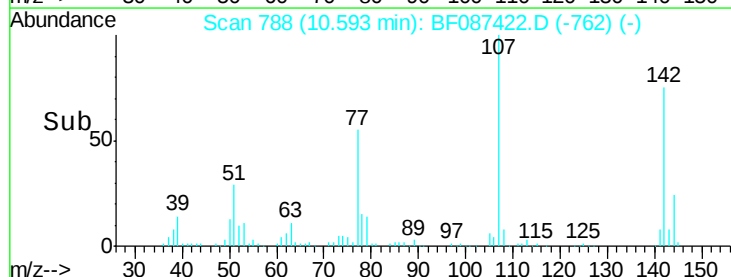
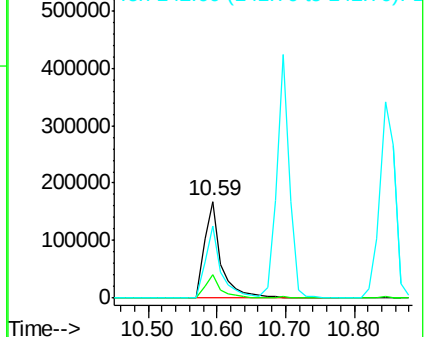
142 75.1 63.2 94.8

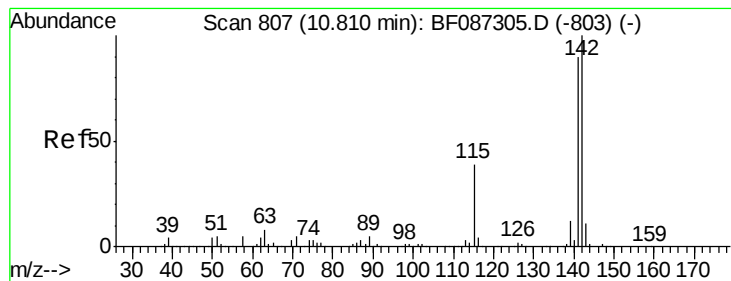


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.17 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

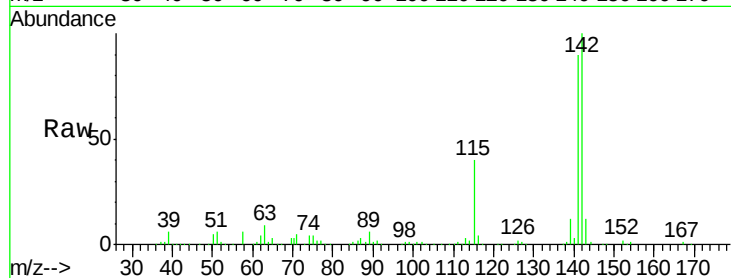
Tgt Ion:142 Resp: 549602

Ion Ratio Lower Upper

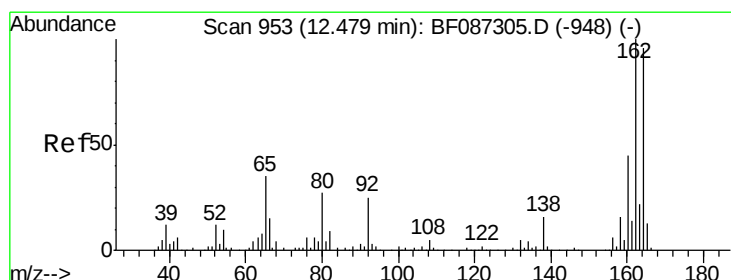
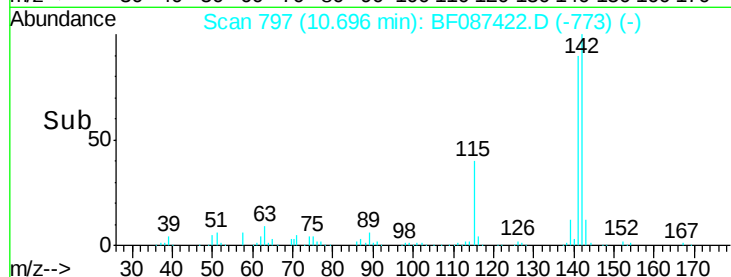
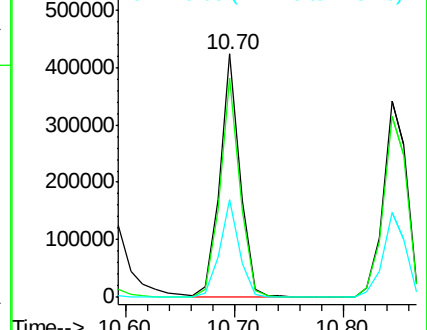
142 100

141 90.2 71.0 106.6

115 40.2 26.6 39.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.36 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

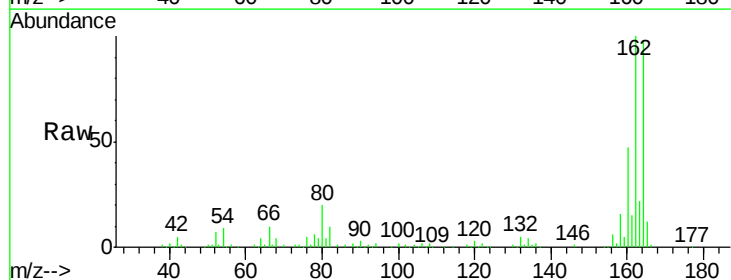
Tgt Ion:164 Resp: 192030

Ion Ratio Lower Upper

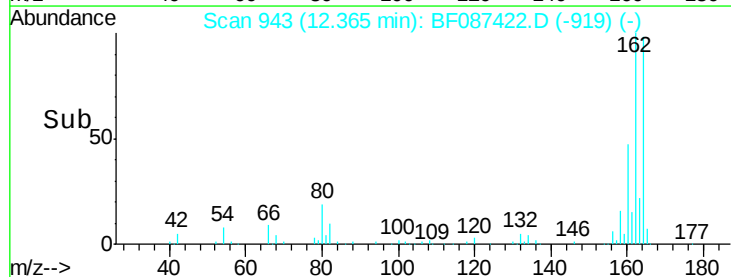
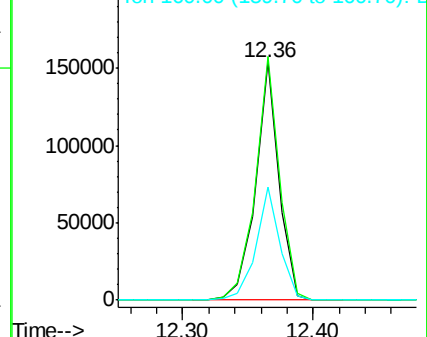
164 100

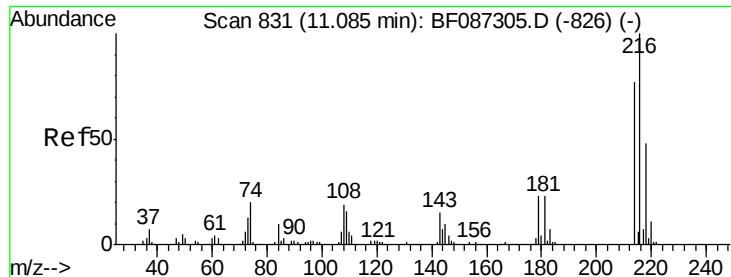
162 102.2 82.8 124.2

160 47.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

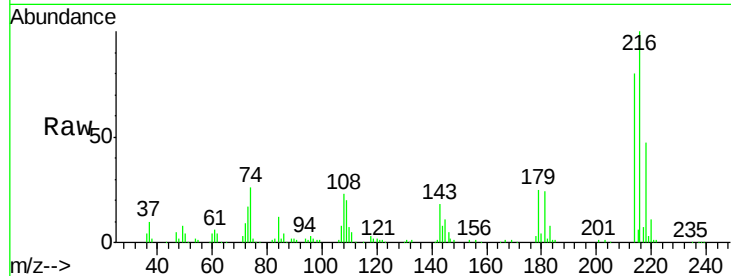




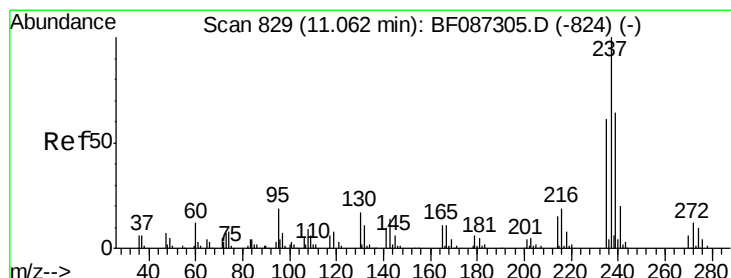
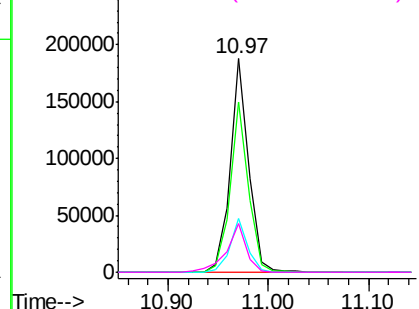
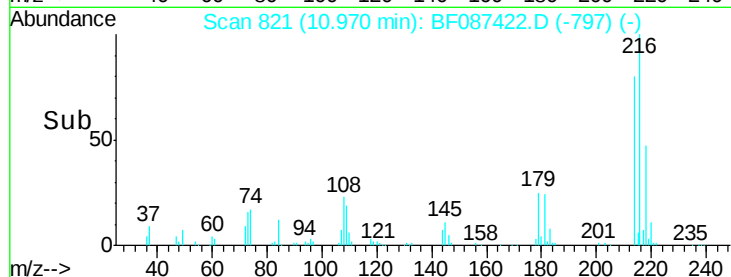
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.68 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tgt Ion:	216	Resp:	237775
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	93.8
179	24.1	18.2	27.4
108	24.7	17.5	26.3

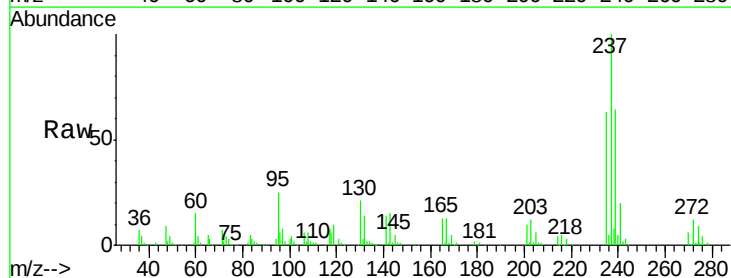


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

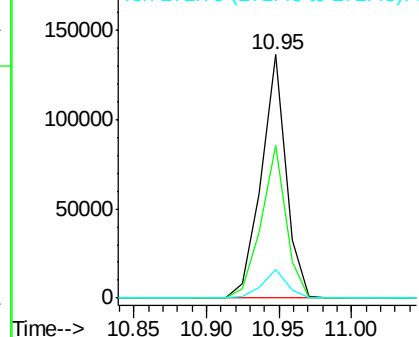
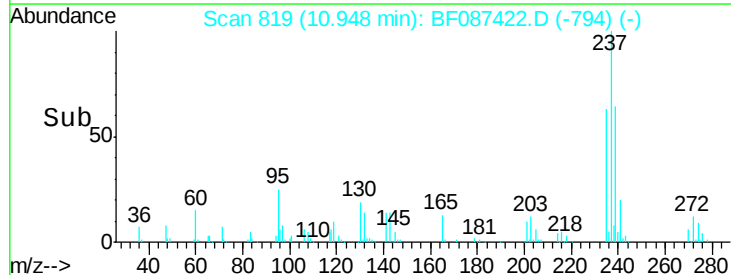


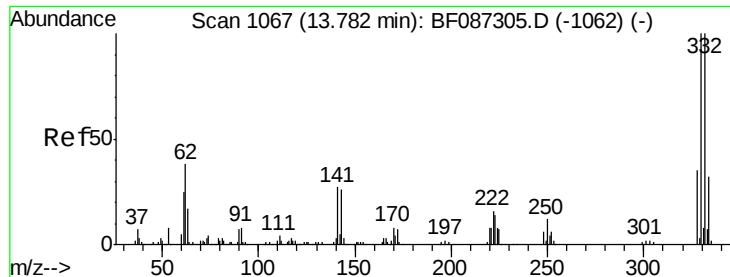
#40
 Hexachlorocyclopentadiene
 Concen: 66.13 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:	237	Resp:	162569
Ion	Ratio	Lower	Upper
237	100		
235	62.9	47.2	87.2
272	11.7	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

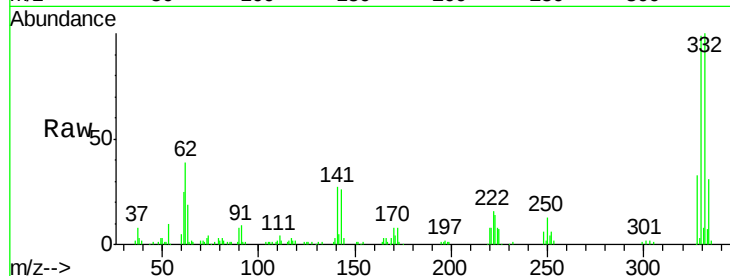




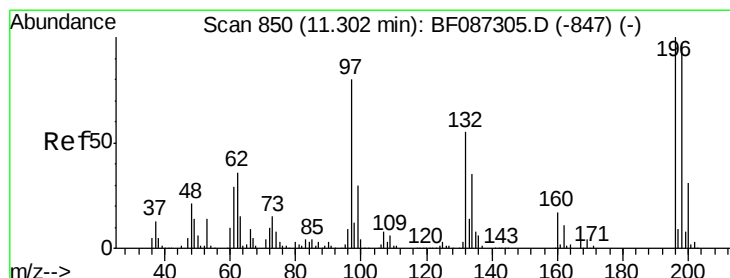
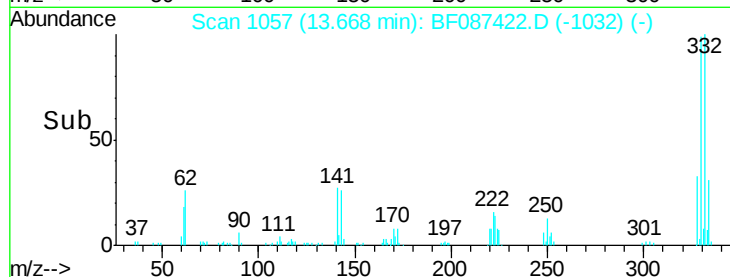
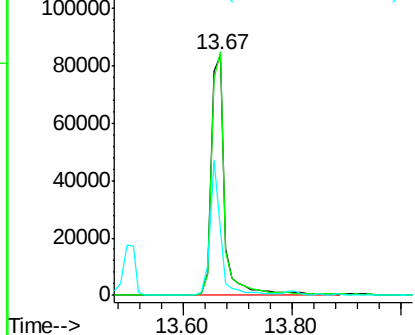
#41
 2,4,6-Tribromophenol
 Concen: 79.49 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

Tgt Ion:330 Resp: 146694
 Ion Ratio Lower Upper
 330 100
 332 98.5 79.0 118.4
 141 44.2 31.2 46.8

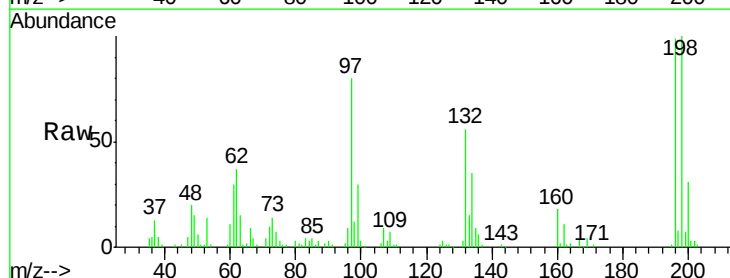


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

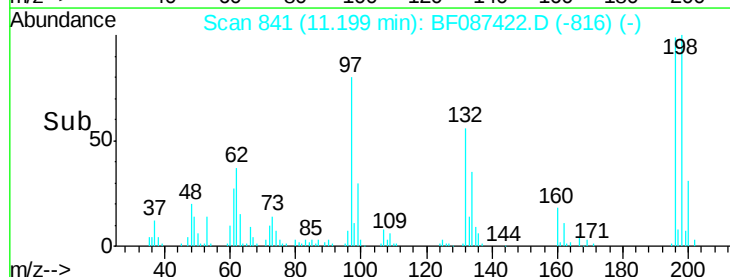
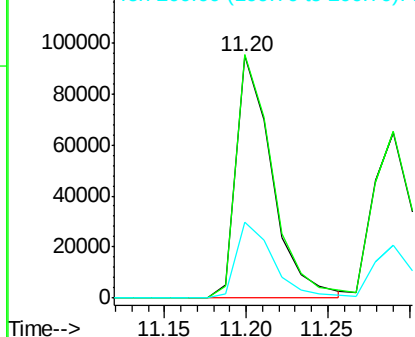


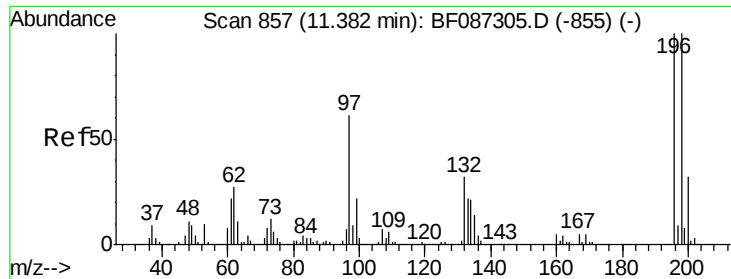
#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:196 Resp: 143907
 Ion Ratio Lower Upper
 196 100
 198 100.5 74.7 112.1
 200 31.4 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

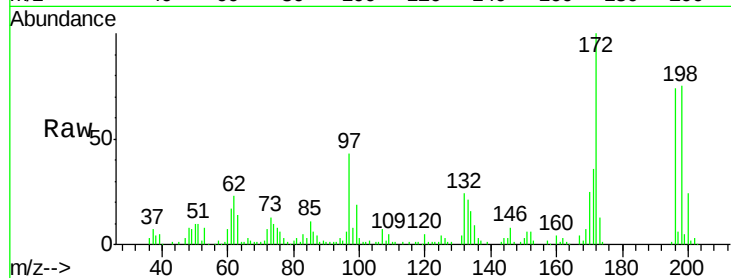




#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.5	116.3
97	57.7	34.8	52.2
132	32.6	23.0	34.4



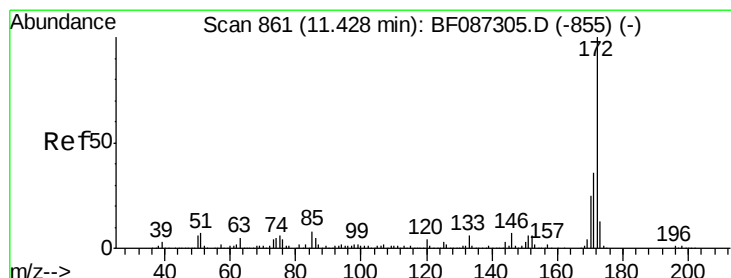
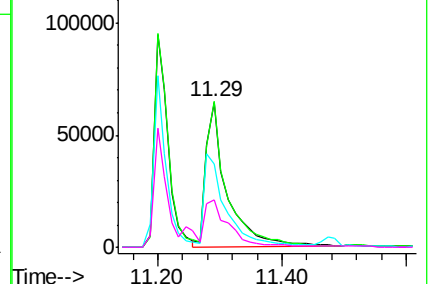
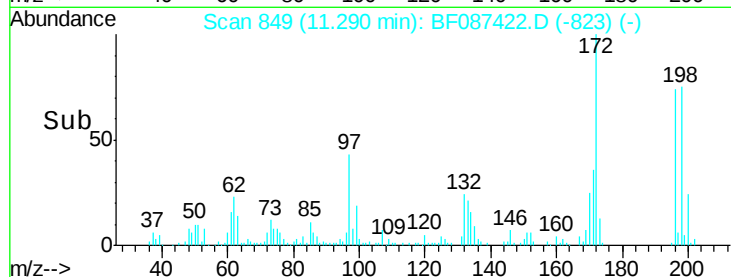
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

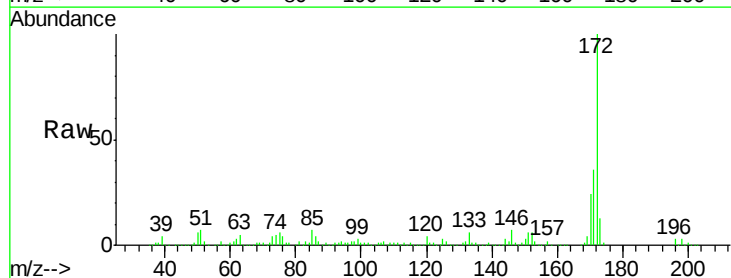
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.80 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.5	19.8	29.8

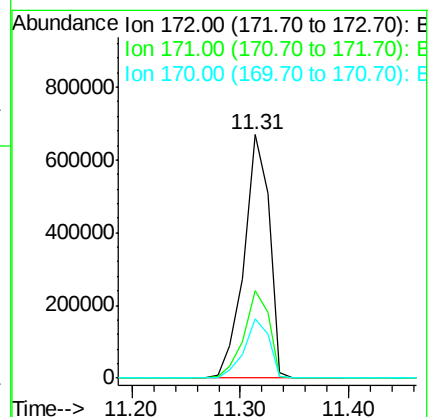
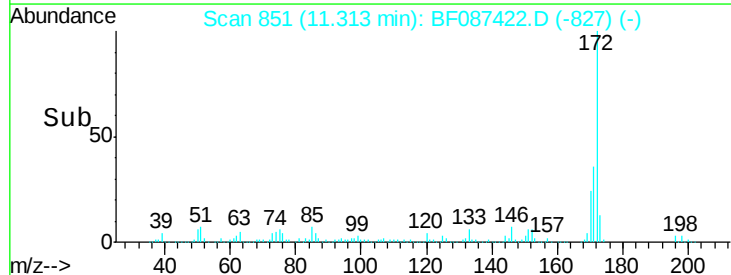


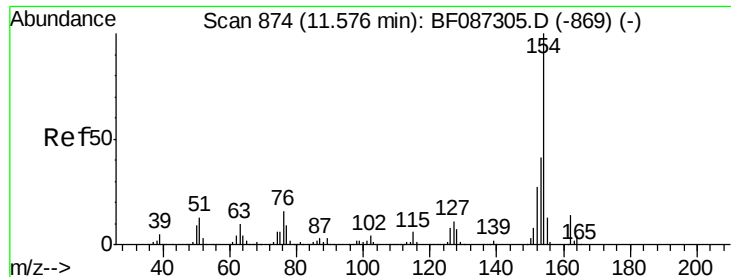
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

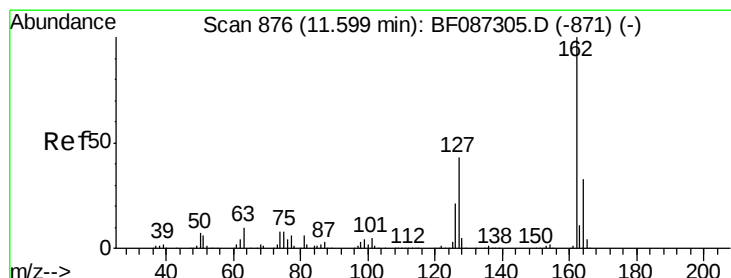
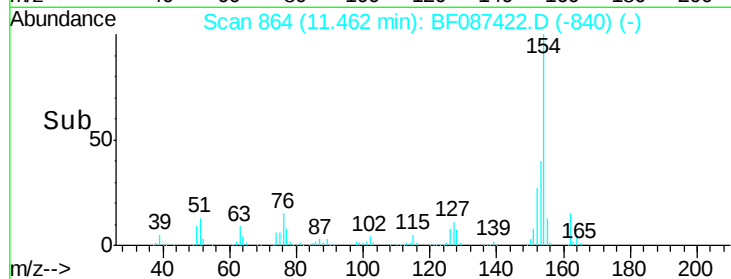
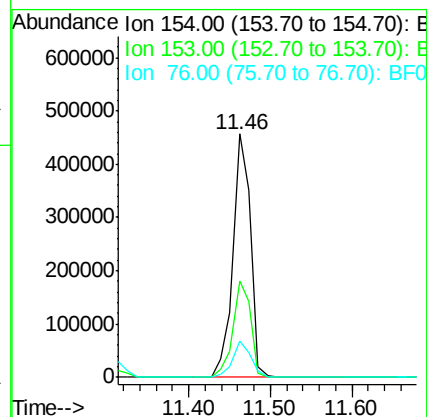
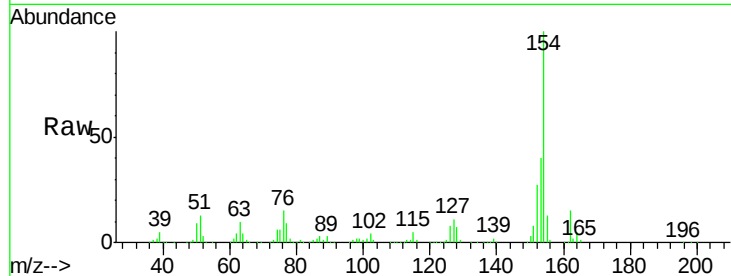




#45
 1,1'-Biphenyl
 Concen: 42.16 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

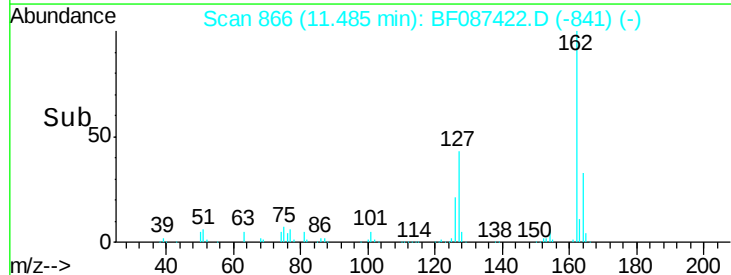
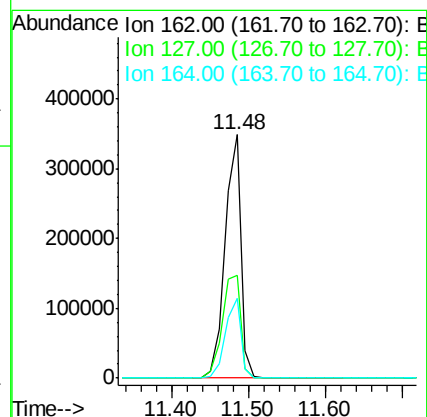
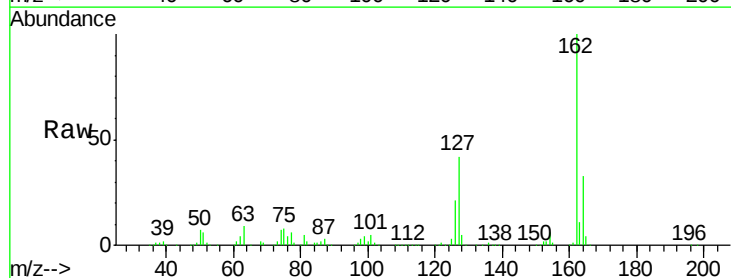
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

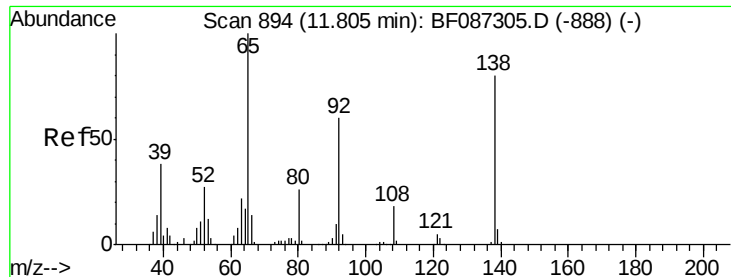
Tgt Ion:154 Resp: 681604
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.3 60.3
 76 14.7 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 41.27 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:162 Resp: 510465
 Ion Ratio Lower Upper
 162 100
 127 42.0 31.8 47.6
 164 32.9 27.0 40.6

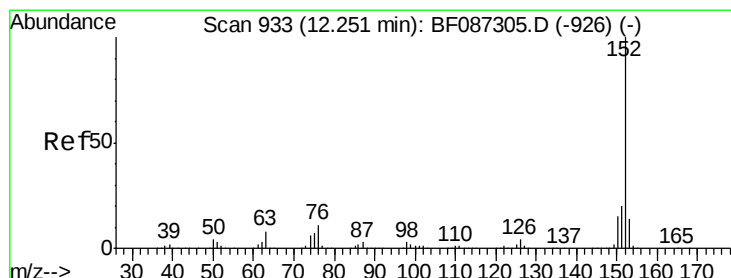
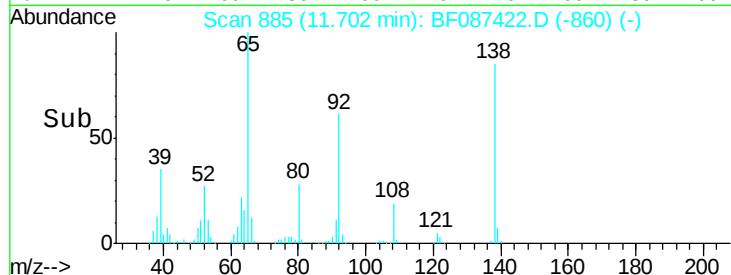
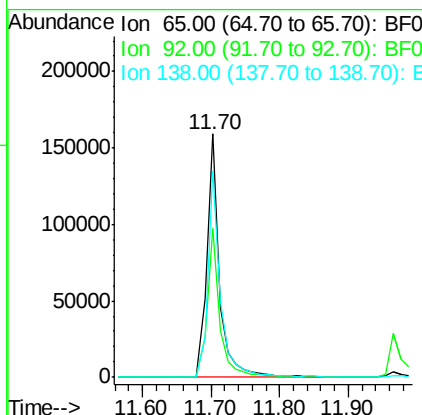
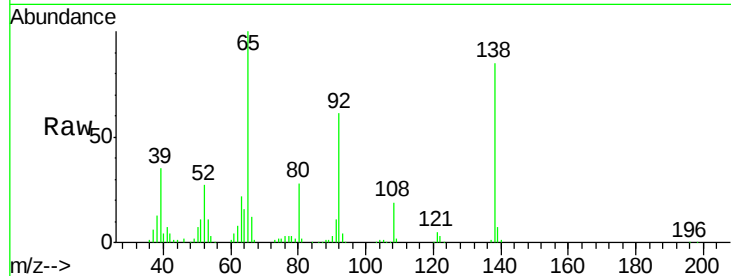




#47
 2-Nitroaniline
 Concen: 46.28 ng
 RT: 11.70 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

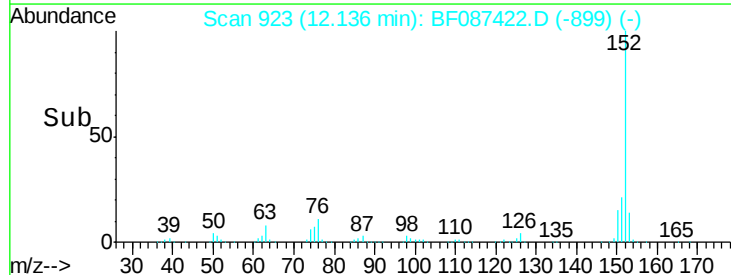
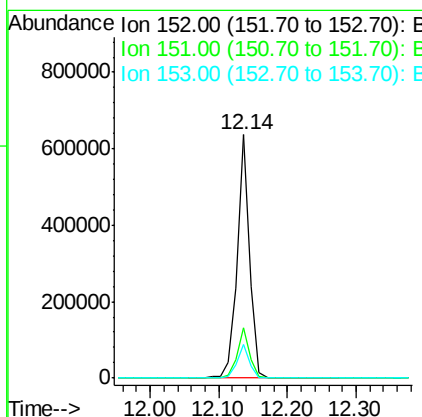
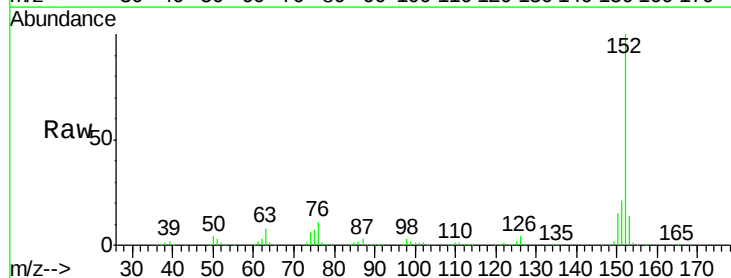
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

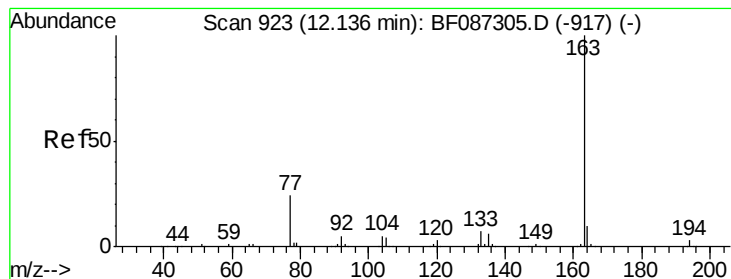
Tgt Ion: 65 Resp: 206246
 Ion Ratio Lower Upper
 65 100
 92 61.2 57.4 86.2
 138 85.0 90.1 135.1#



#48
 Acenaphthylene
 Concen: 41.61 ng
 RT: 12.14 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion: 152 Resp: 814911
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.8 10.9 16.3





#49

Dimethylphthalate

Concen: 40.98 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

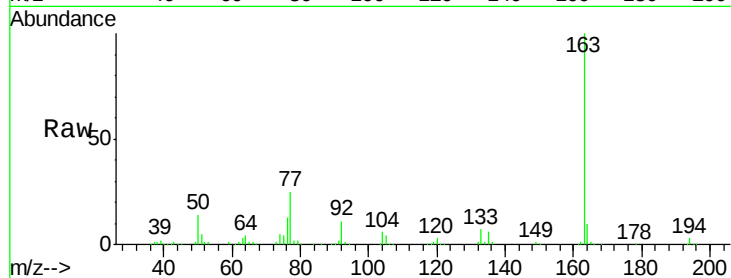
Tgt Ion:163 Resp: 630458

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

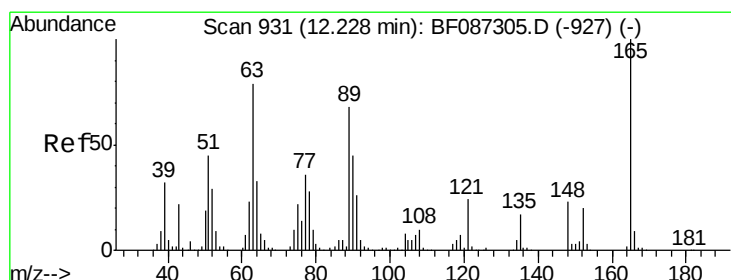
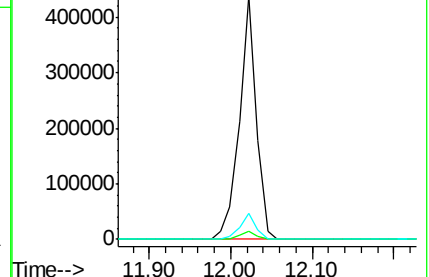
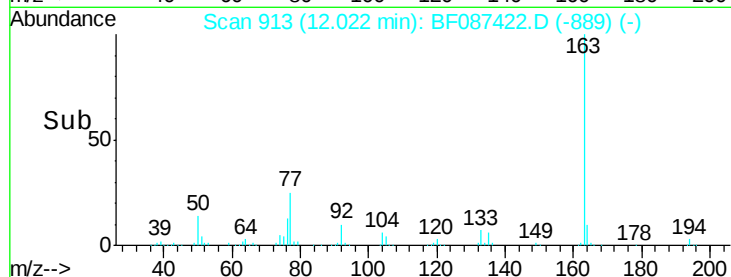
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.63 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

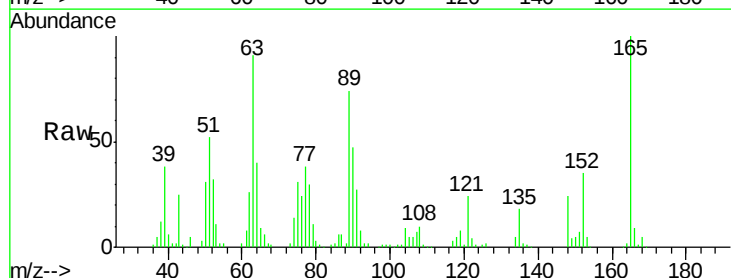
Tgt Ion:165 Resp: 132126

Ion Ratio Lower Upper

165 100

63 90.6 51.8 77.8#

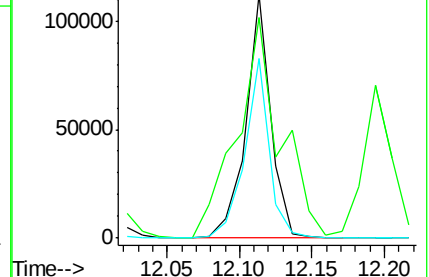
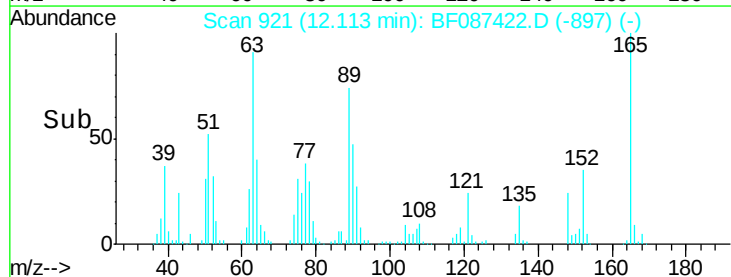
89 74.0 50.7 76.1

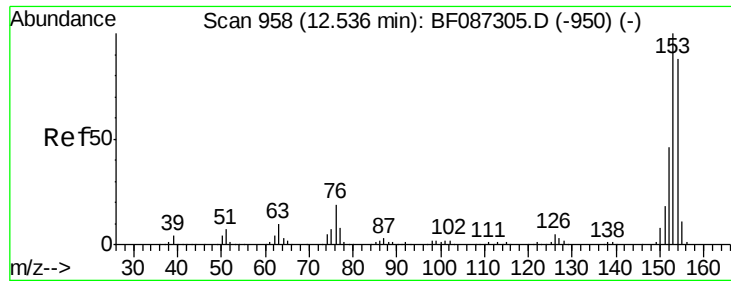


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.90 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

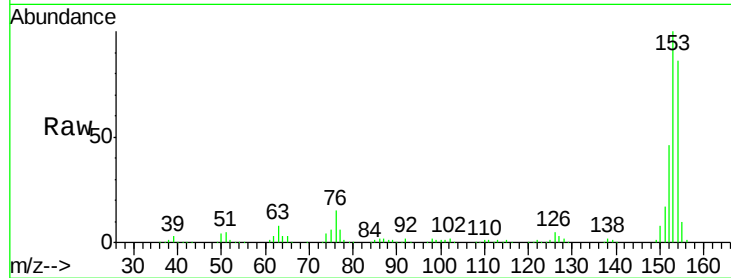
Tgt Ion:154 Resp: 504366

Ion Ratio Lower Upper

154 100

153 115.9 89.8 134.6

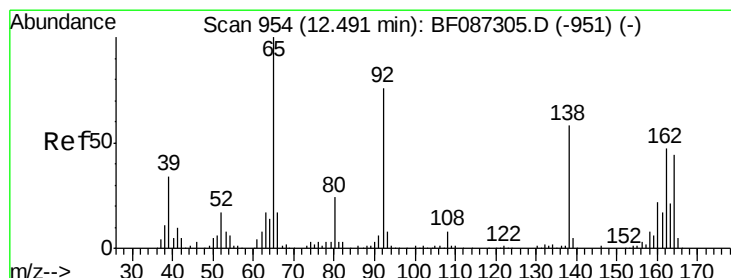
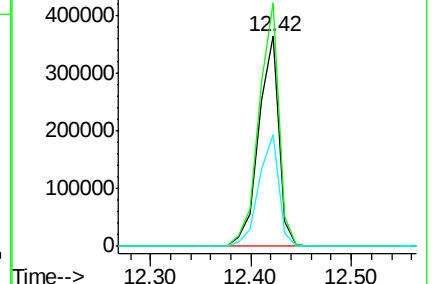
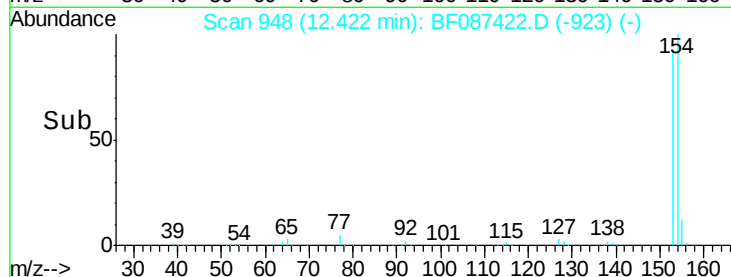
152 53.3 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.59 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

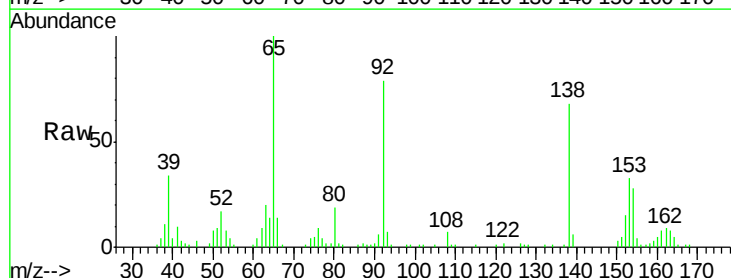
Tgt Ion:138 Resp: 71868

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

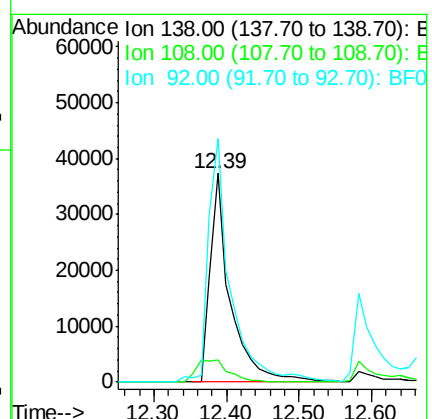
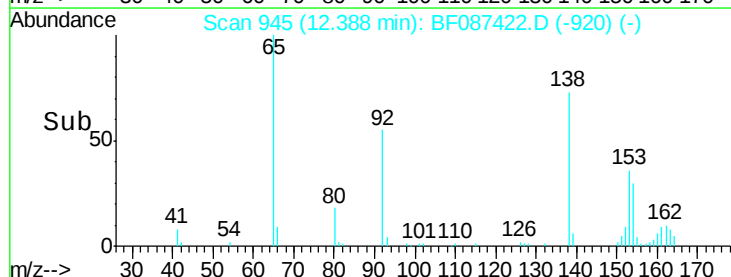
92 116.6 87.8 131.8

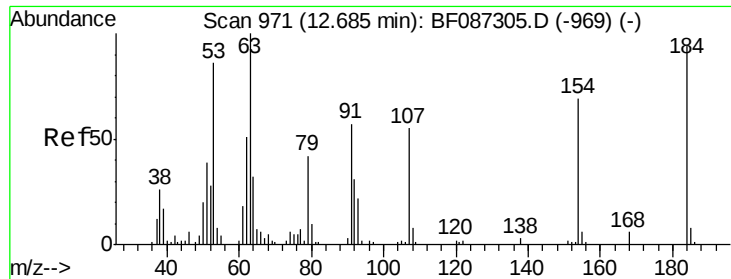


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

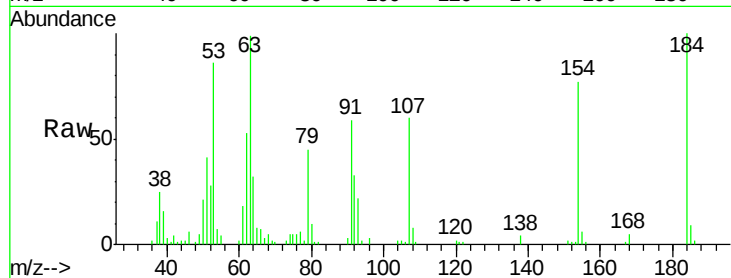




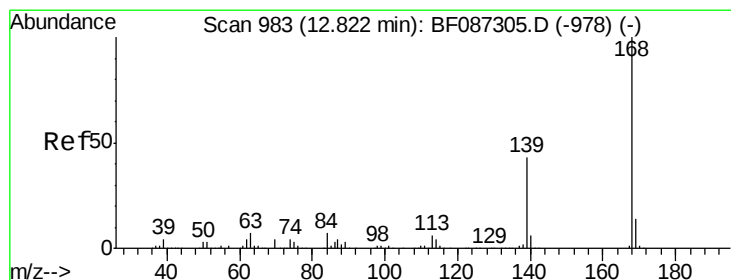
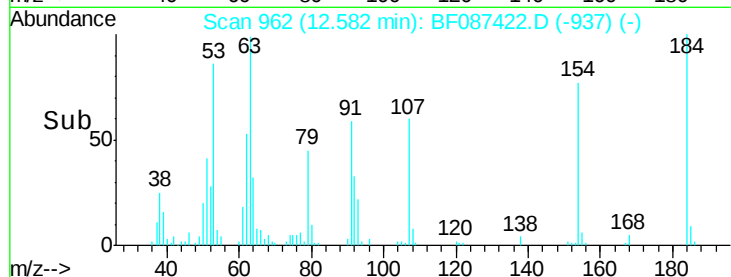
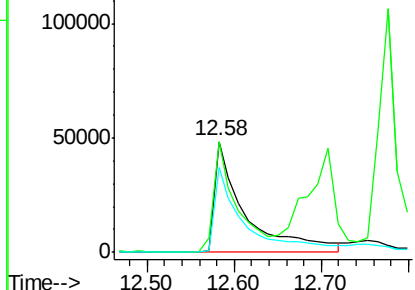
#53
2,4-Dinitrophenol
Concen: 75.30 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tgt Ion:184 Resp: 118781
Ion Ratio Lower Upper
184 100
63 99.2 55.8 83.8#
154 77.1 62.4 93.6

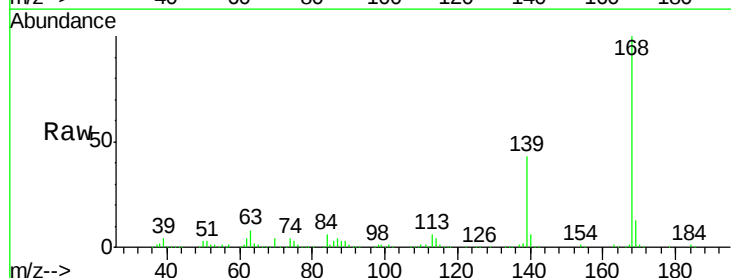


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

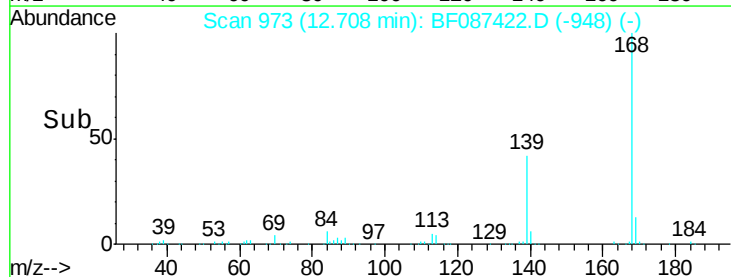
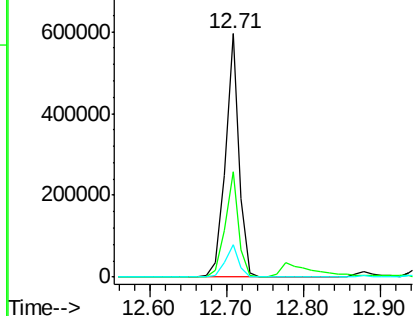


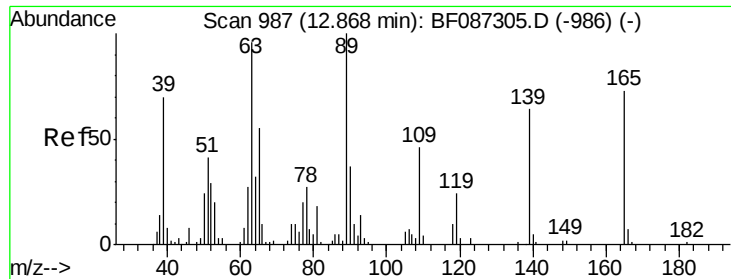
#54
Dibenzofuran
Concen: 45.80 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion:168 Resp: 746422
Ion Ratio Lower Upper
168 100
139 43.0 31.4 47.0
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 78.07 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

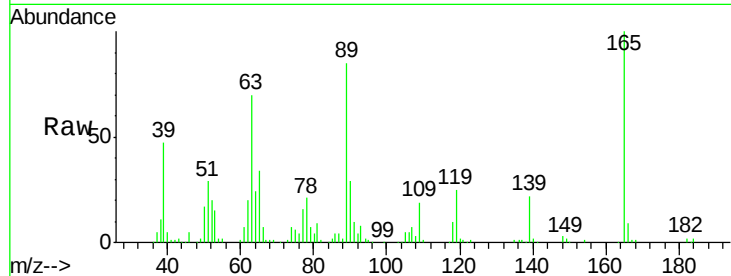
Tgt Ion:139 Resp: 118474

Ion Ratio Lower Upper

139 100

109 85.2 36.9 76.9#

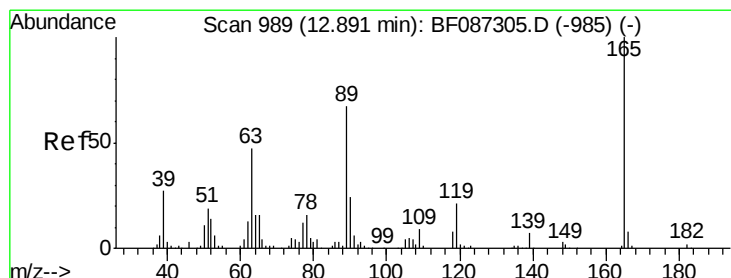
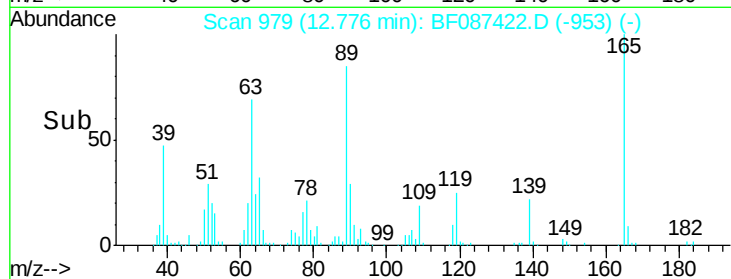
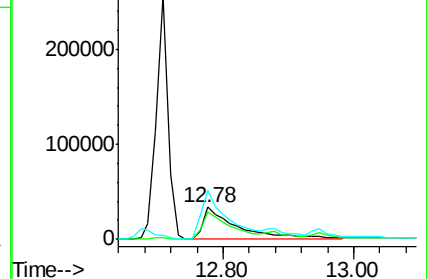
65 151.1 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.17 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:165 Resp: 187135

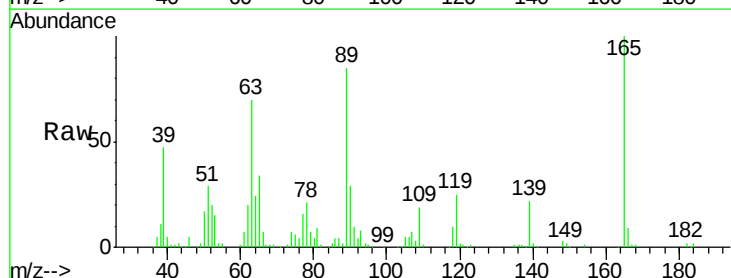
Ion Ratio Lower Upper

165 100

63 69.8 44.3 66.5#

89 85.4 70.0 105.0

182 2.4 1.8 2.6

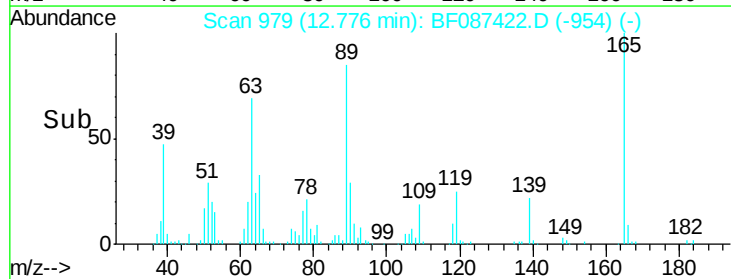
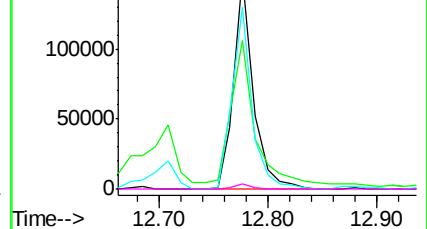


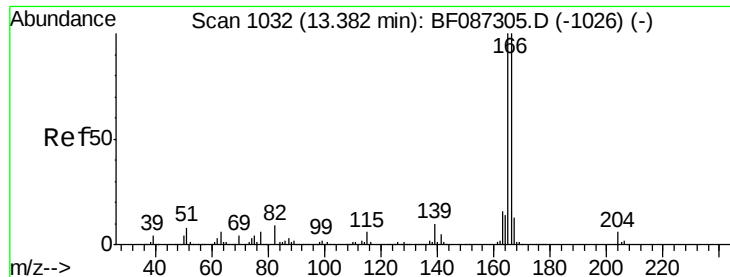
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

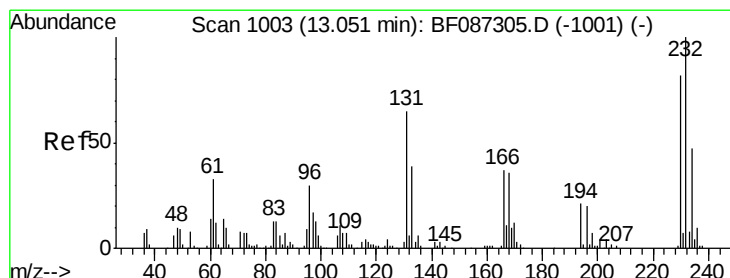
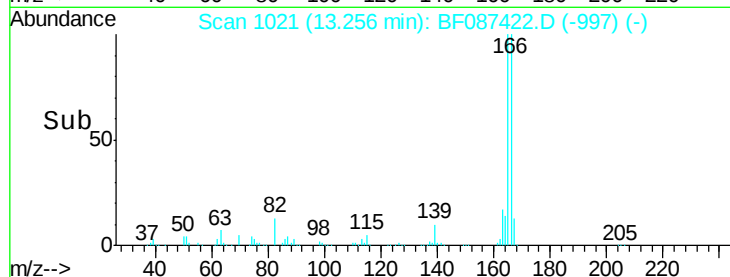
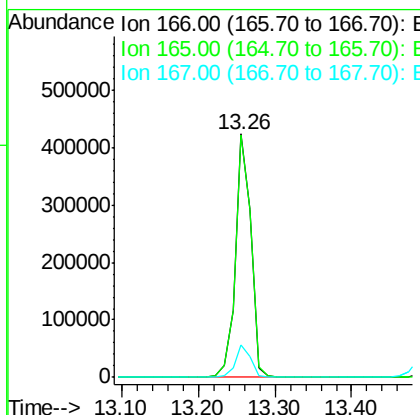
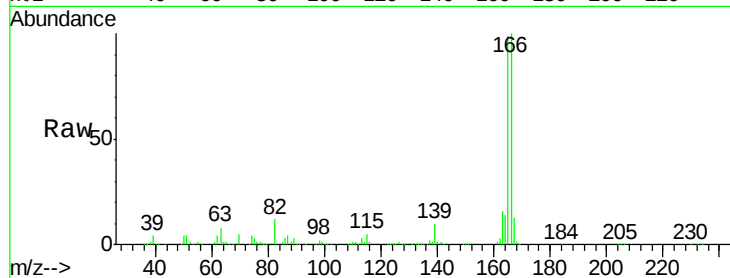




#57
 Fluorene
 Concen: 42.74 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

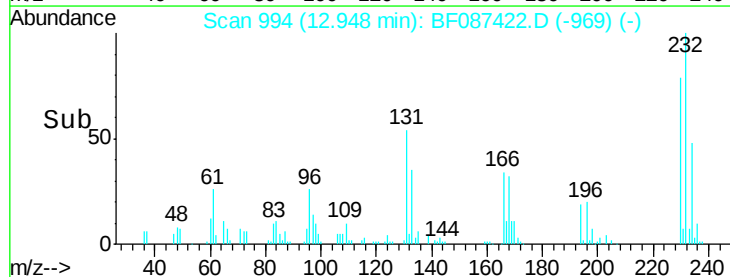
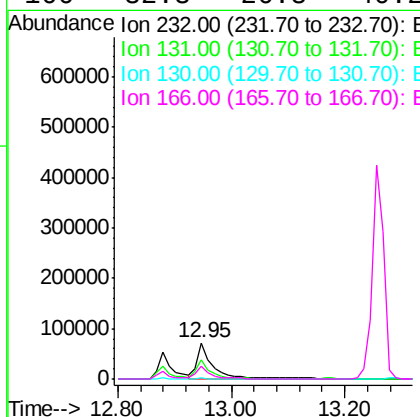
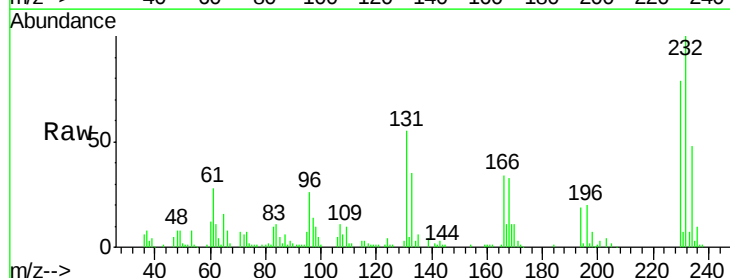
Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

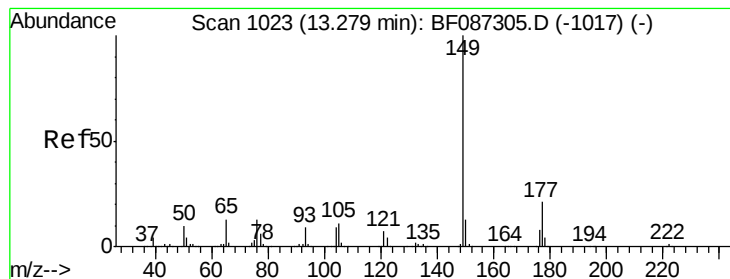
Tgt Ion:166 Resp: 604028
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.6
 167 13.5 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.31 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:232 Resp: 131508
 Ion Ratio Lower Upper
 232 100
 131 54.0 41.9 62.9
 130 2.8 2.2 3.4
 166 32.3 26.8 40.2





#59

Diethylphthalate

Concen: 41.54 ng

RT: 13.16 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

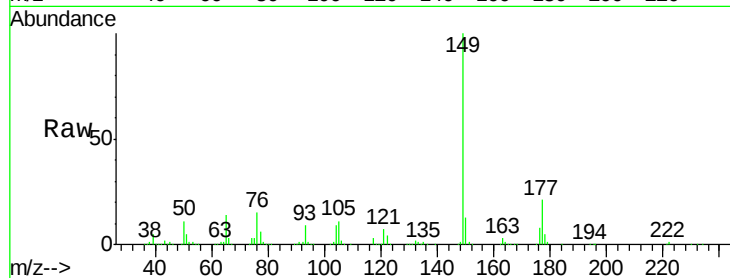
Tgt Ion:149 Resp: 621249

Ion Ratio Lower Upper

149 100

177 20.7 16.6 24.8

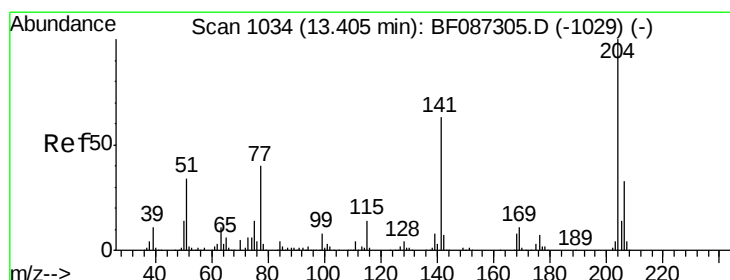
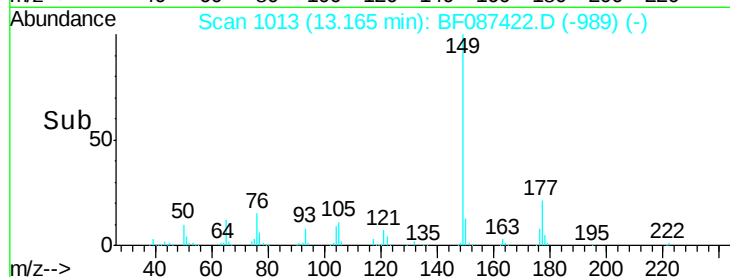
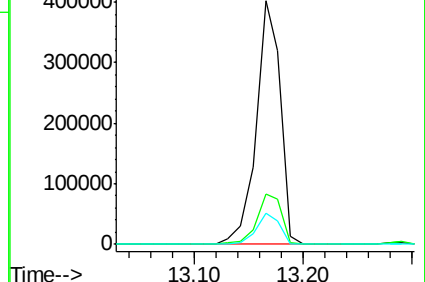
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.00 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

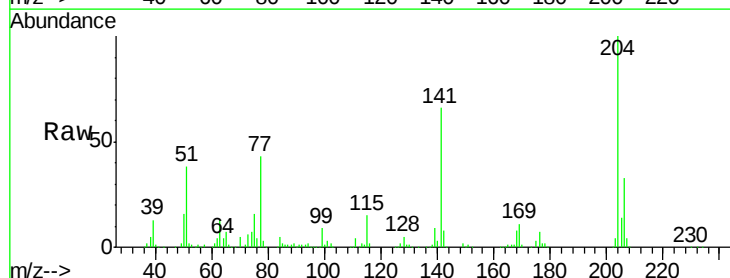
Tgt Ion:204 Resp: 282513

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

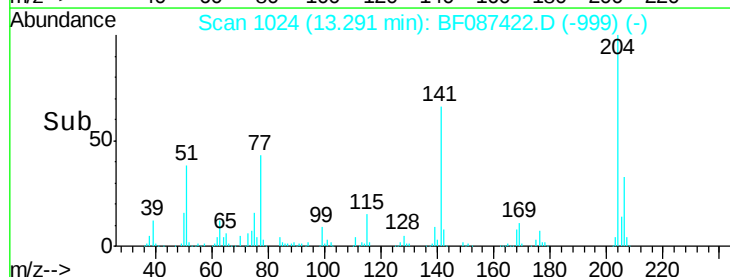
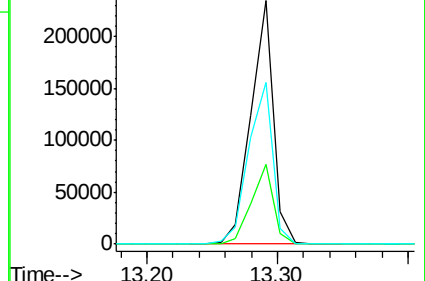
141 66.4 61.6 92.4

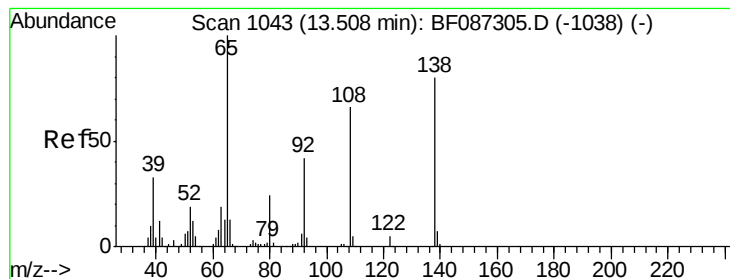


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.42 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

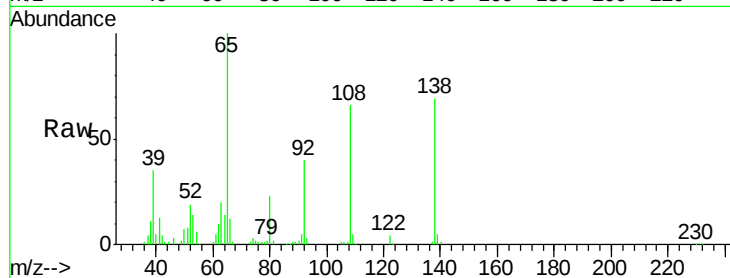
Tgt Ion:138 Resp: 128911

Ion Ratio Lower Upper

138 100

92 58.3 24.7 64.7

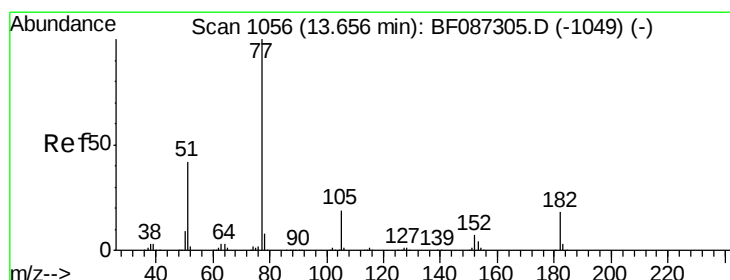
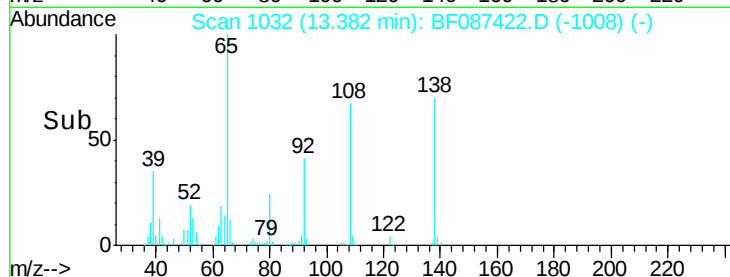
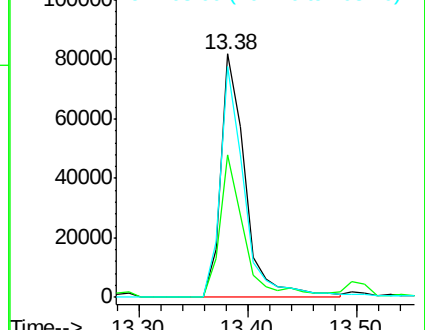
108 94.9 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.76 ng

RT: 13.54 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion: 77 Resp: 741030

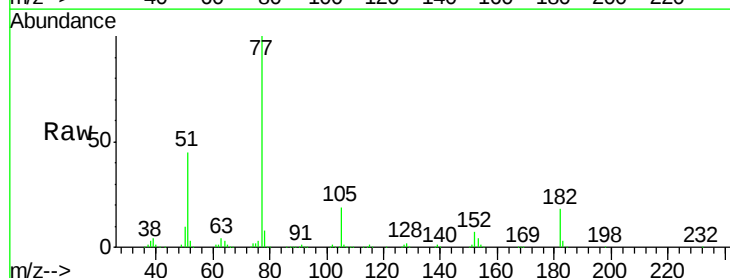
Ion Ratio Lower Upper

77 100

182 18.1 0.0 38.8

105 19.1 3.2 43.2

51 44.5 8.8 48.8

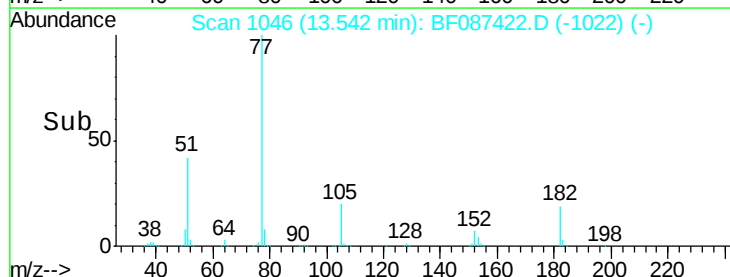
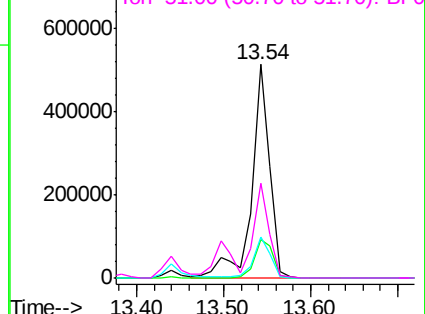


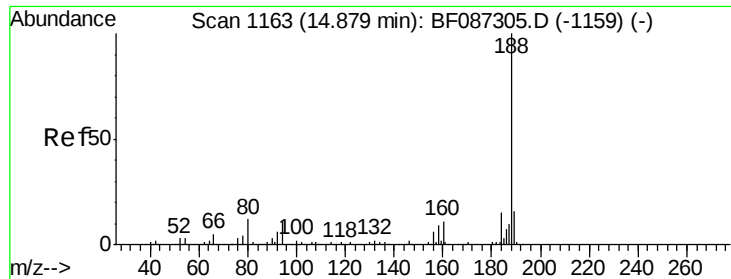
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

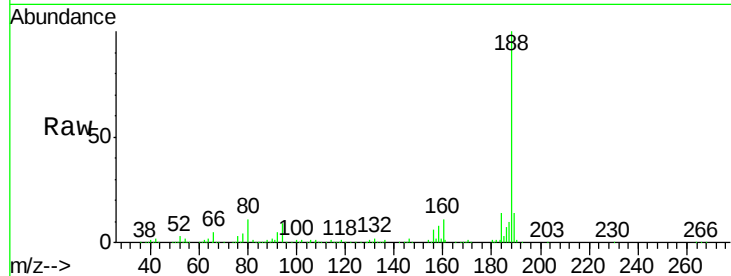
Tgt Ion:188 Resp: 374654

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

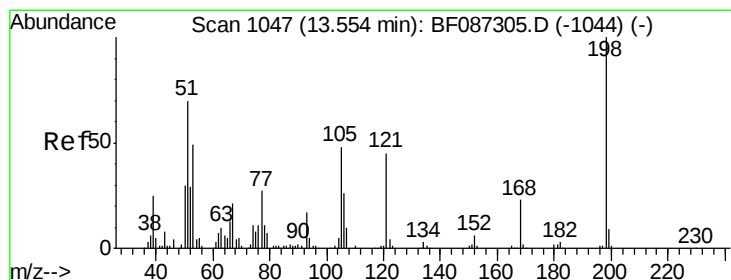
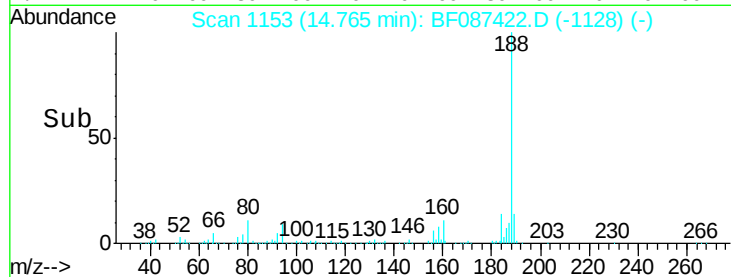
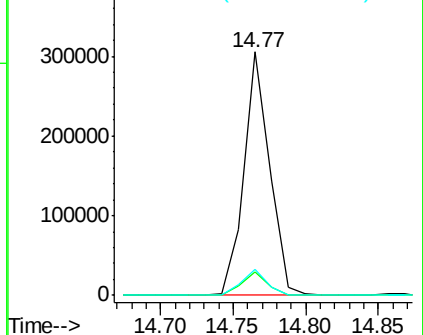
80 10.7 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.50 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

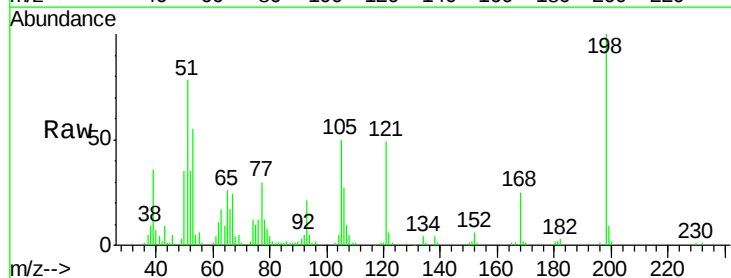
Tgt Ion:198 Resp: 96489

Ion Ratio Lower Upper

198 100

51 77.6 20.5 60.5#

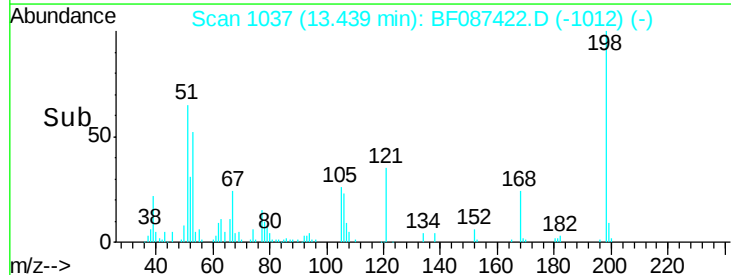
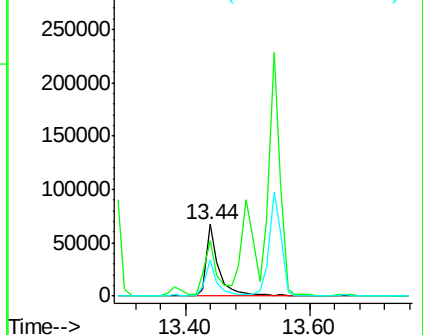
105 50.0 24.5 64.5

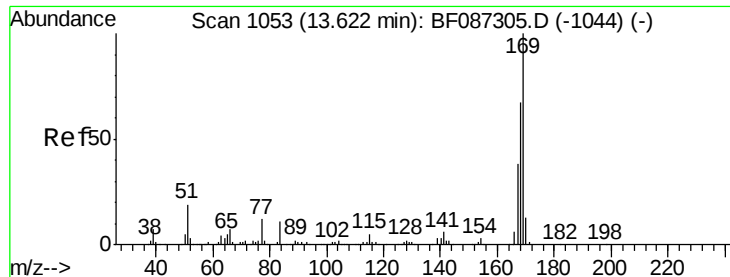


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.32 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

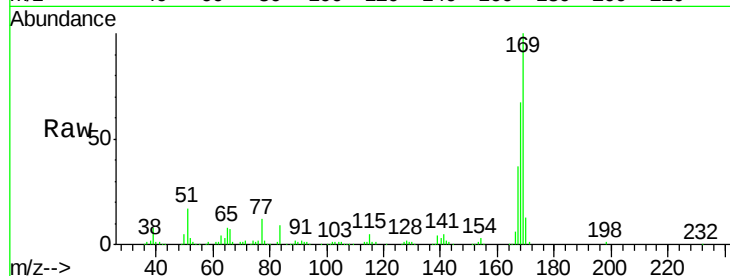
Tgt Ion:169 Resp: 512712

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

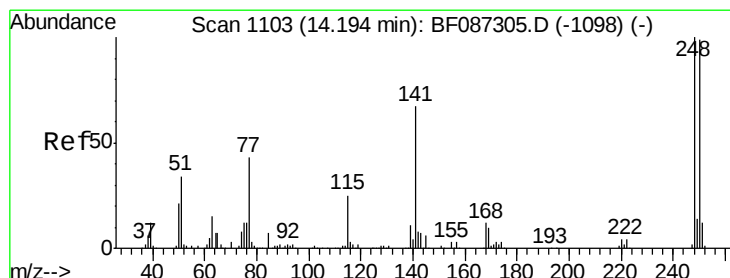
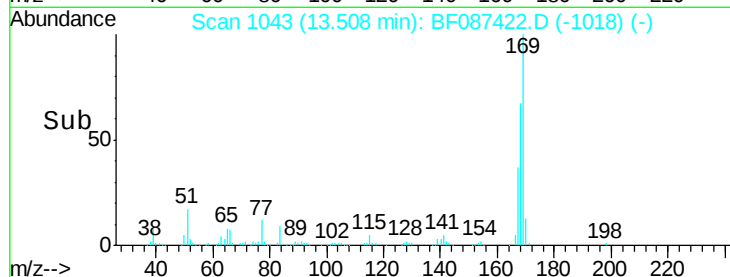
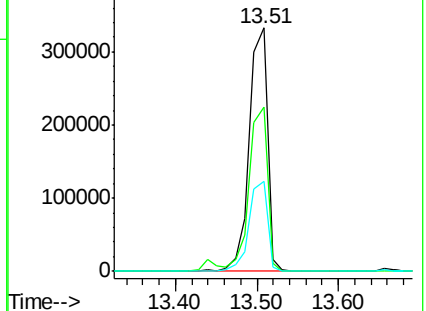
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.33 ng

RT: 14.07 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

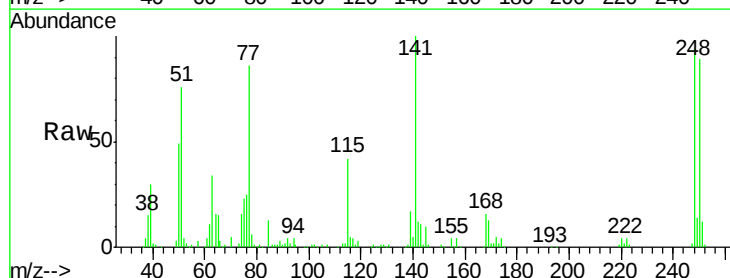
Tgt Ion:248 Resp: 165297

Ion Ratio Lower Upper

248 100

250 95.1 78.6 117.8

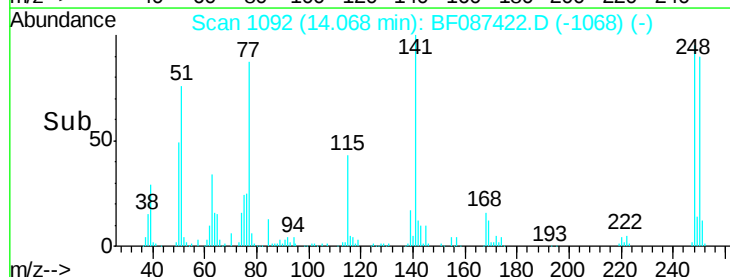
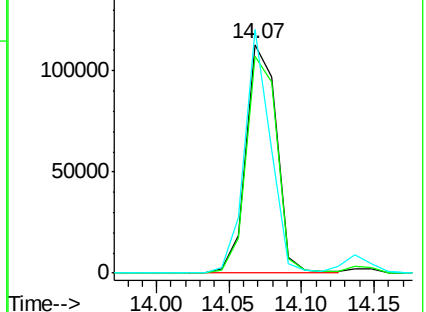
141 106.7 76.0 114.0

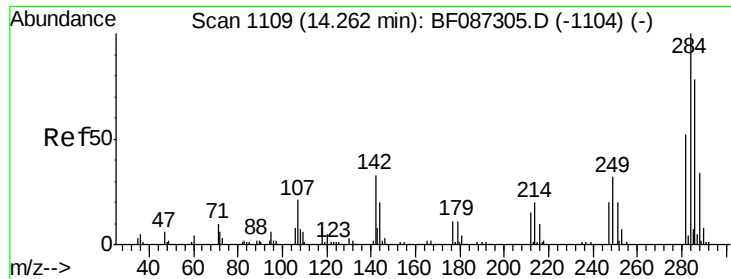


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

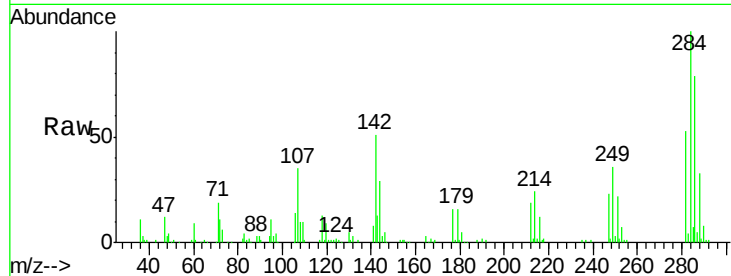




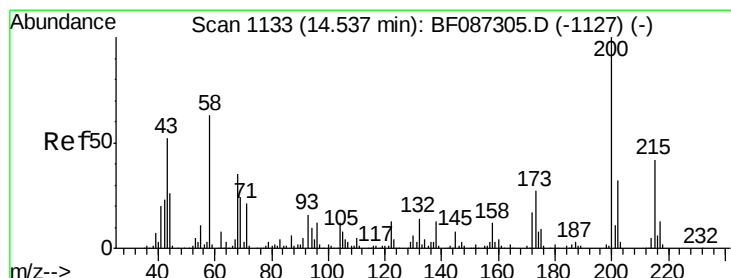
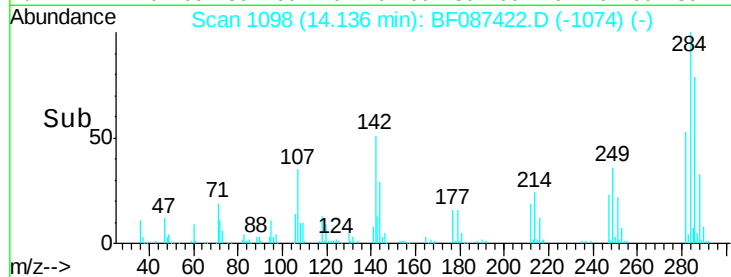
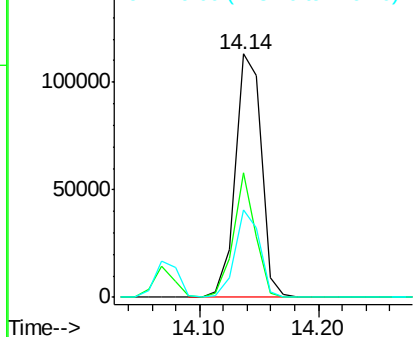
#67
Hexachlorobenzene
Concen: 40.33 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tgt Ion: 284 Resp: 172880
Ion Ratio Lower Upper
284 100
142 51.2 16.7 25.1#
249 35.9 21.3 31.9#

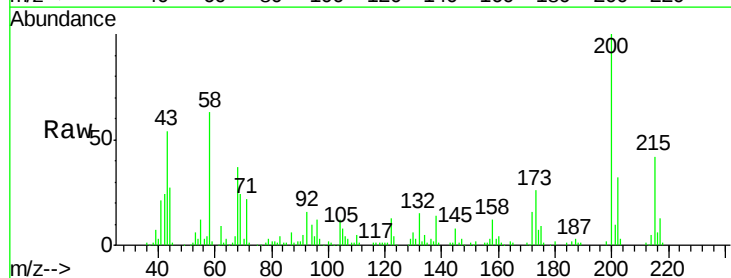


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

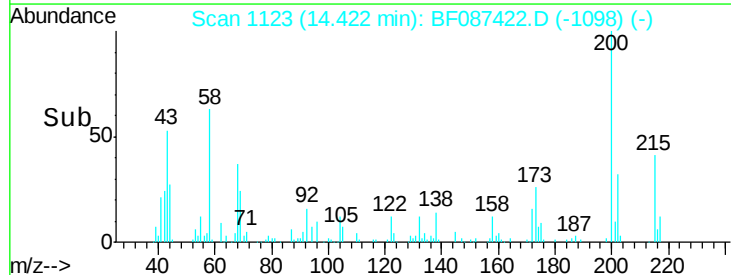
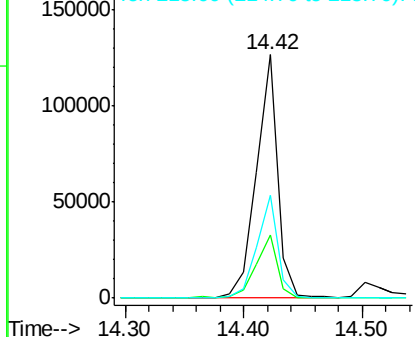


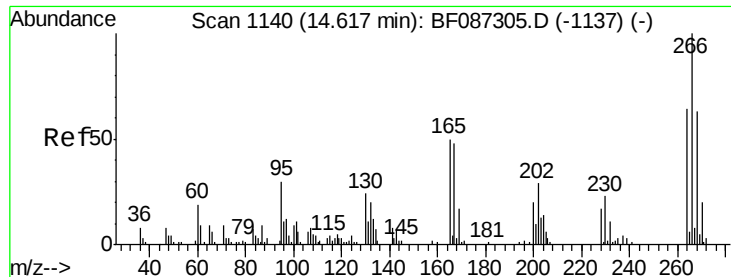
#68
Atrazine
Concen: 41.23 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion: 200 Resp: 159244
Ion Ratio Lower Upper
200 100
173 25.7 8.5 48.5
215 42.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

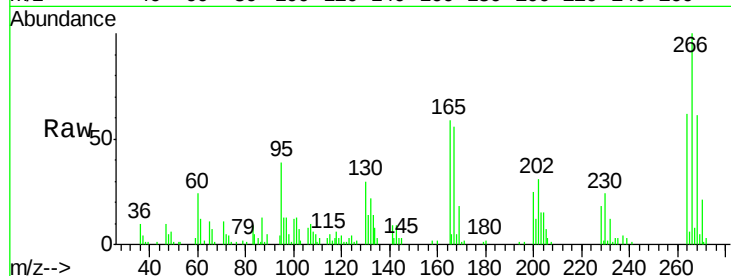




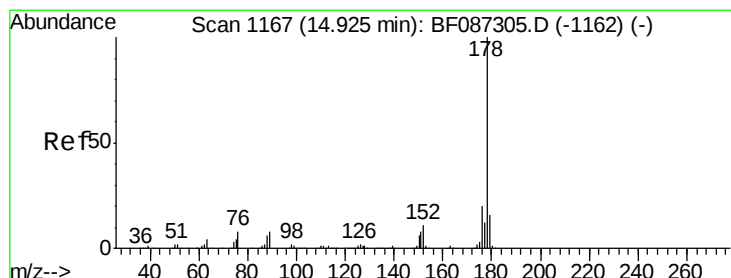
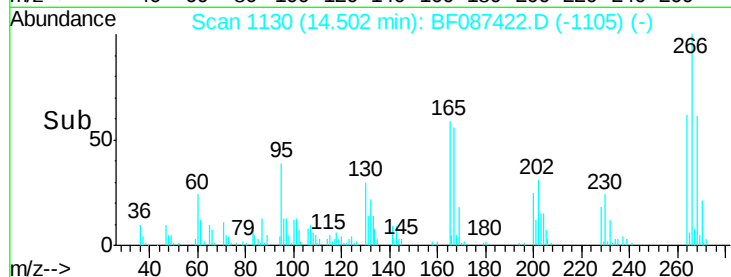
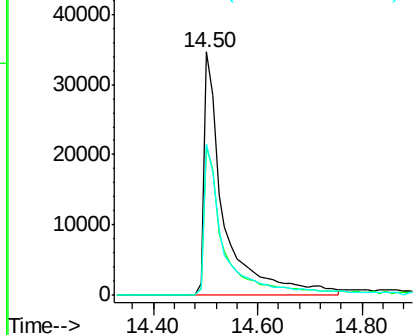
#69
 Pentachlorophenol
 Concen: 70.28 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tgt Ion:266 Resp: 92553
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.5 77.3
 264 62.4 52.9 79.3

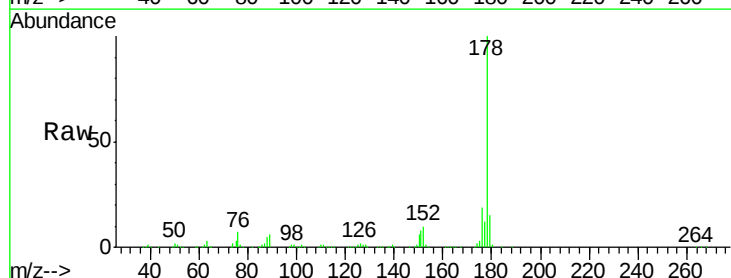


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

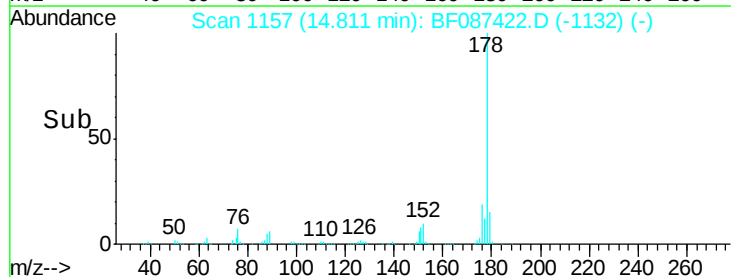
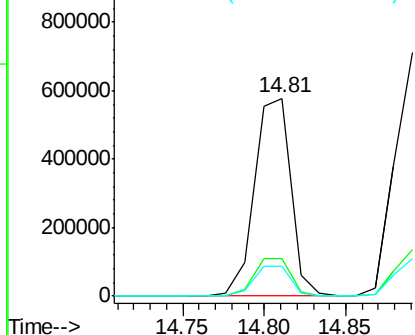


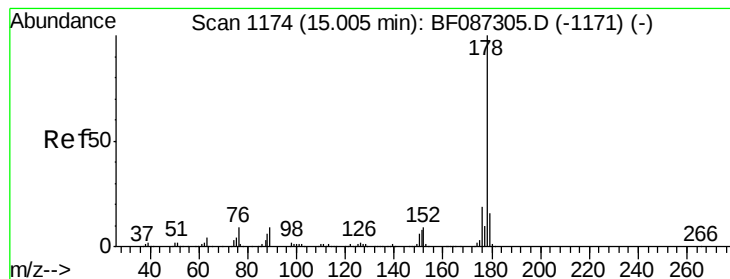
#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:178 Resp: 897667
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.53 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

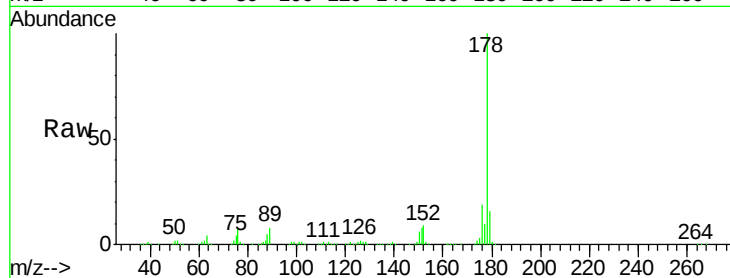
Tgt Ion:178 Resp: 912614

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

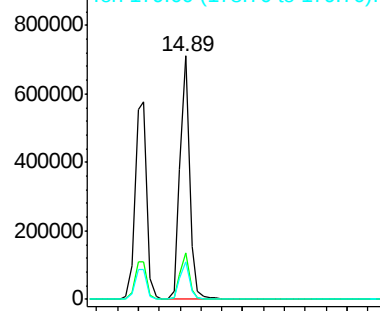
179 15.7 12.7 19.1



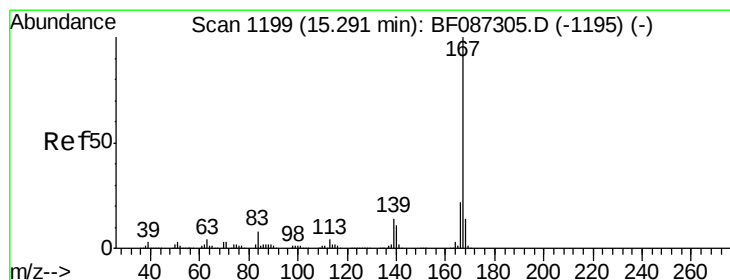
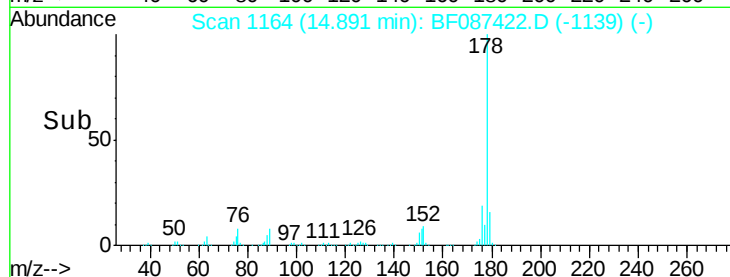
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 45.41 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

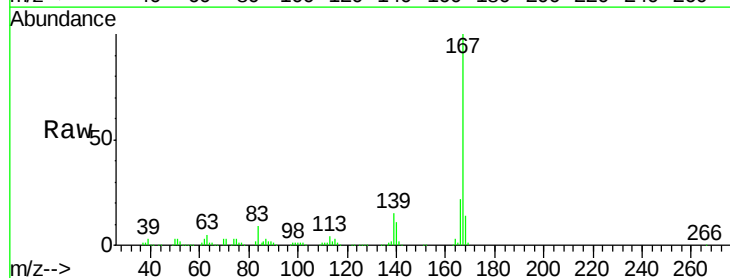
Tgt Ion:167 Resp: 811882

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

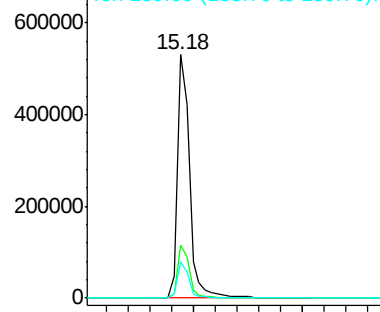
139 14.9 10.8 16.2



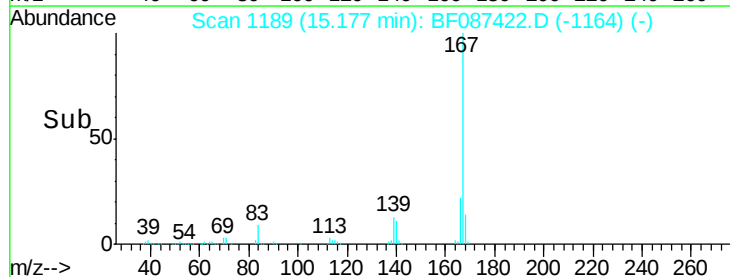
Abundance Ion 167.00 (166.70 to 167.70): E

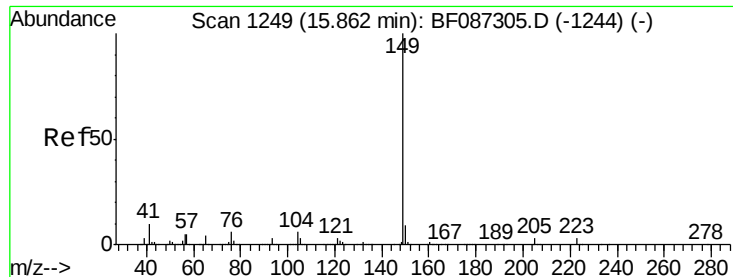
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 40.53 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

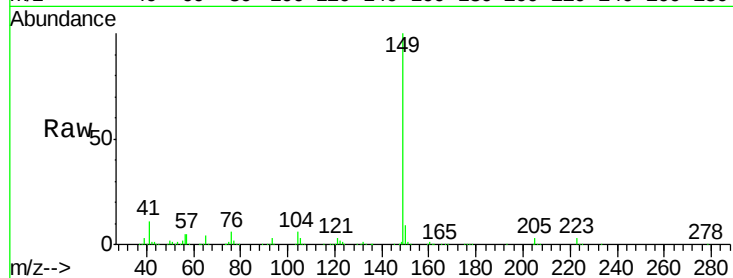
Tgt Ion:149 Resp: 937196

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

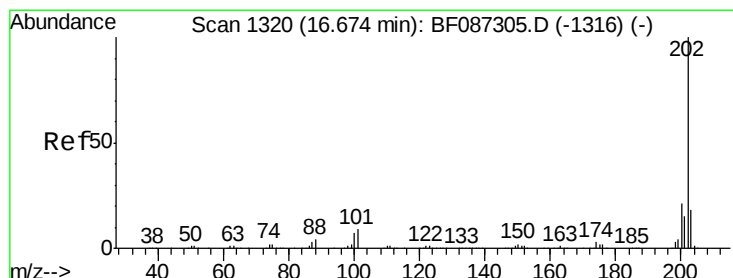
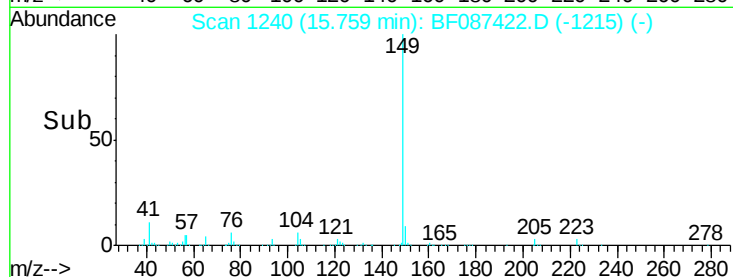
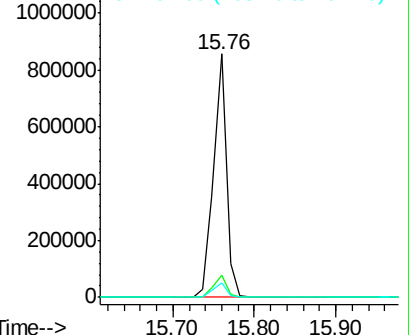
104 5.9 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.38 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

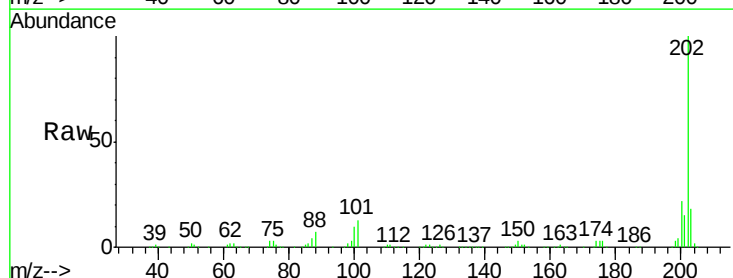
Tgt Ion:202 Resp: 902819

Ion Ratio Lower Upper

202 100

101 13.3 0.0 35.4

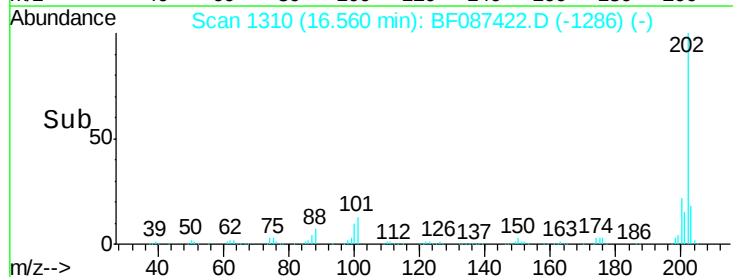
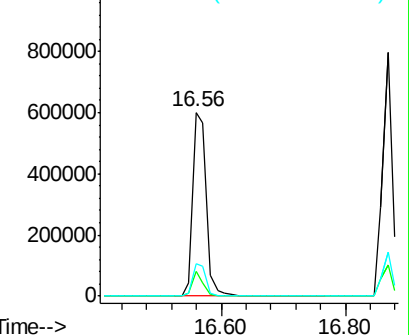
203 17.7 0.0 38.1

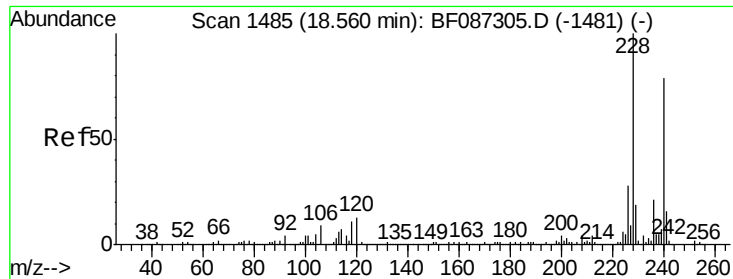


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

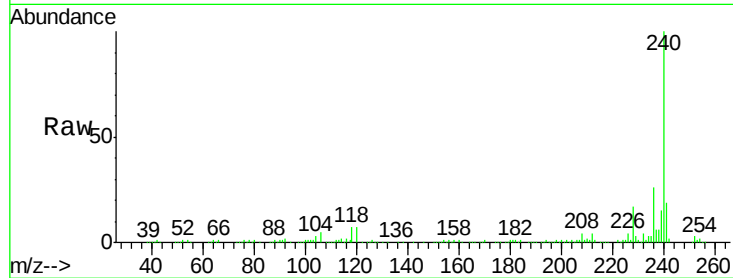
Tgt Ion:240 Resp: 288165

Ion Ratio Lower Upper

240 100

120 7.4 11.2 16.8#

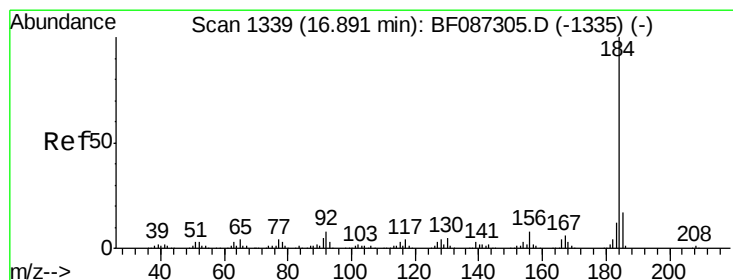
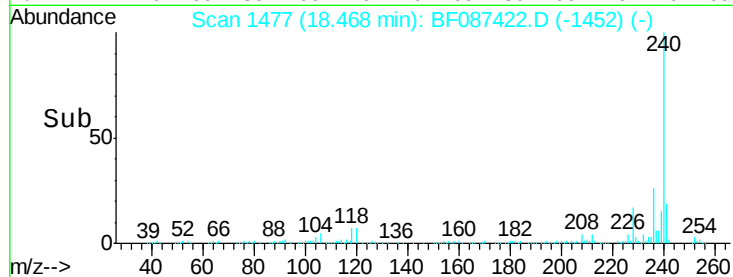
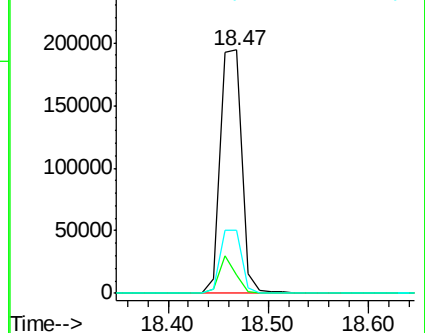
236 26.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.81 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

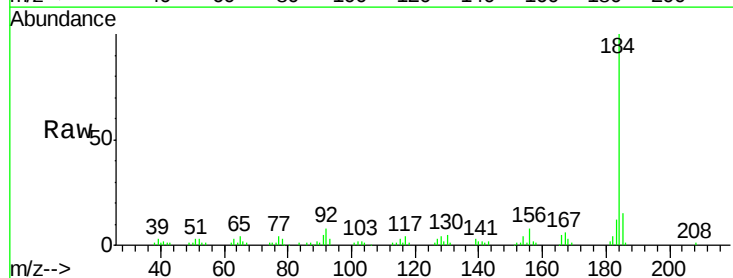
Tgt Ion:184 Resp: 132091

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

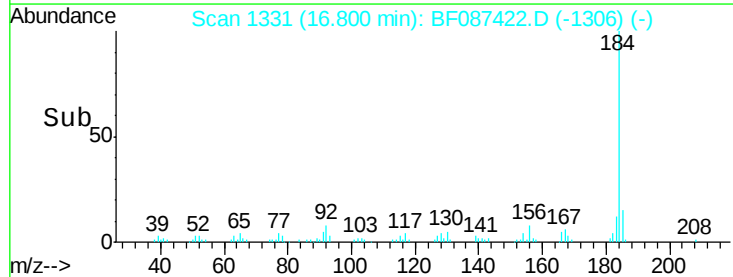
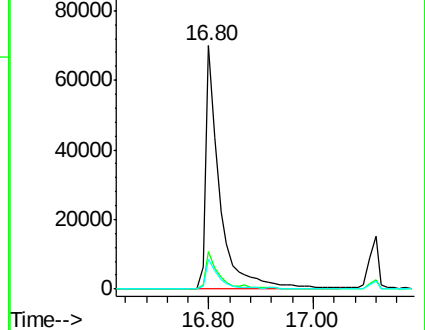
183 12.4 9.8 14.6

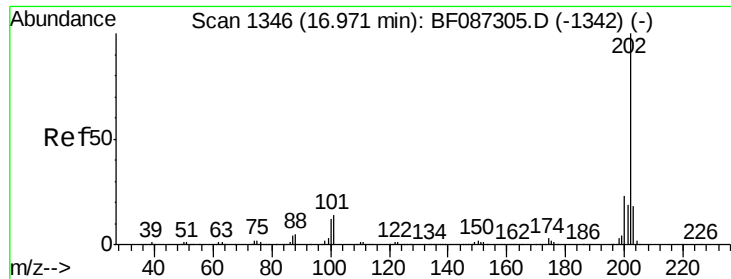


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

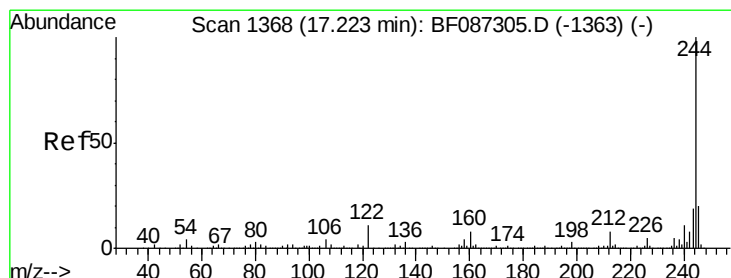
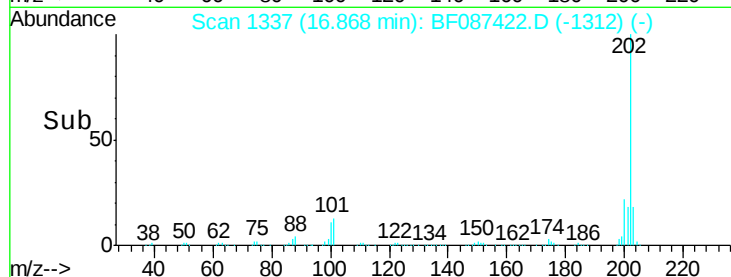
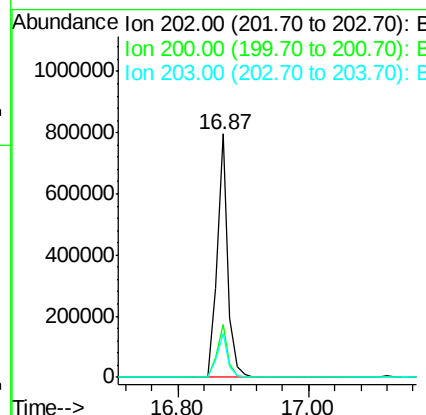
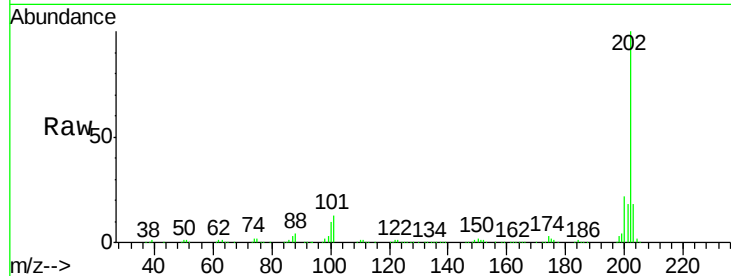




#77
 Pyrene
 Concen: 44.42 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

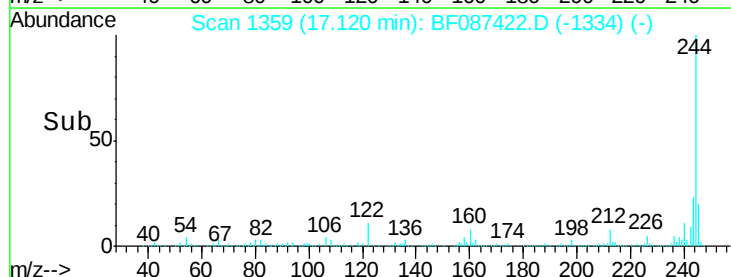
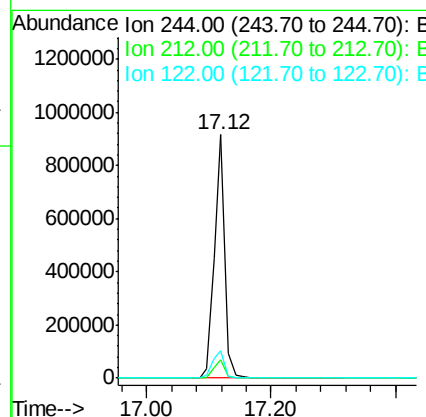
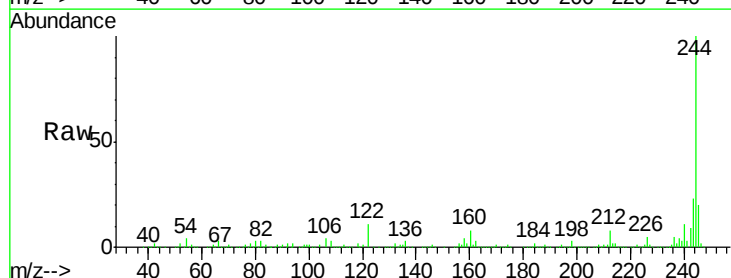
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

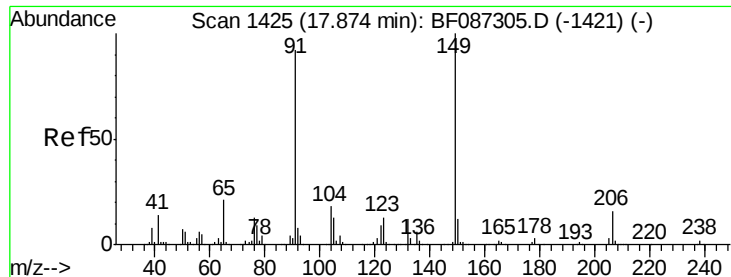
Tgt Ion: 202 Resp: 921421
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 76.95 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion: 244 Resp: 1043039
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.2 12.0 18.0#

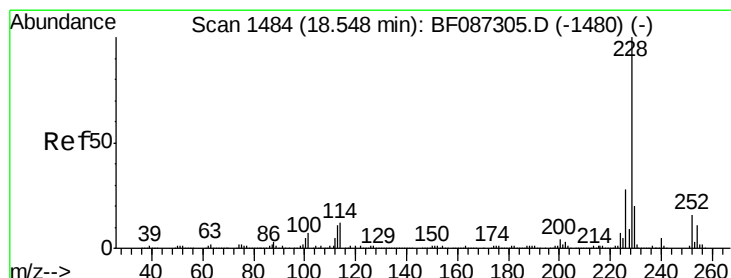
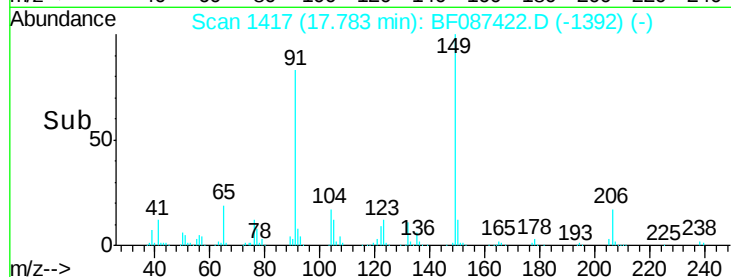
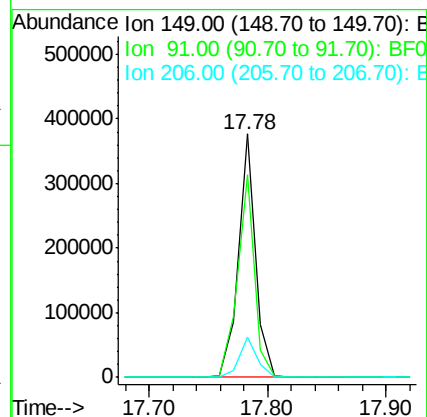
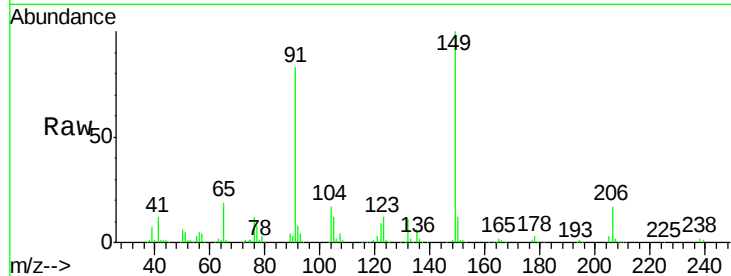




#79
Butylbenzylphthalate
Concen: 41.02 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

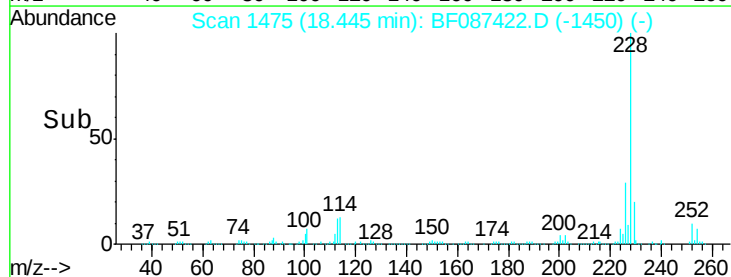
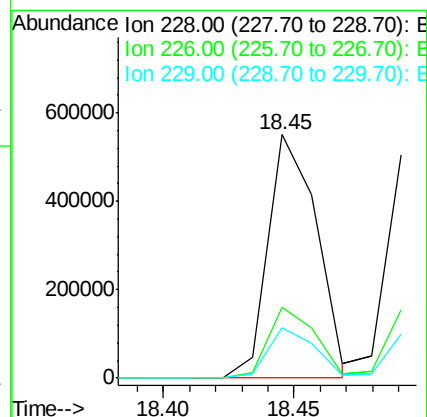
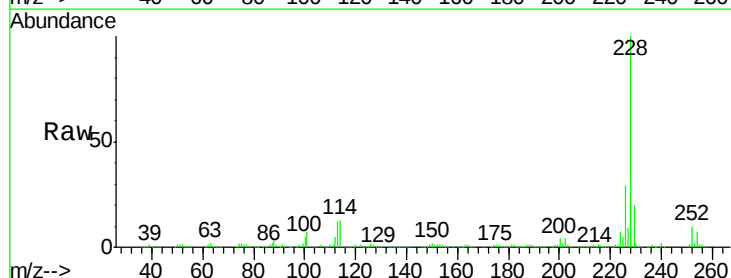
Instrument :
BNA_F
ClientSampleId :
PB90911BS

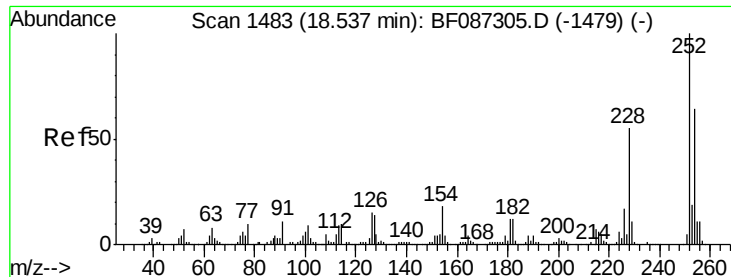
Tgt Ion:149 Resp: 377321
Ion Ratio Lower Upper
149 100
91 83.1 48.0 72.0#
206 16.6 15.8 23.6



#80
Benzo(a)anthracene
Concen: 43.66 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion:228 Resp: 715701
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 20.4 16.6 25.0

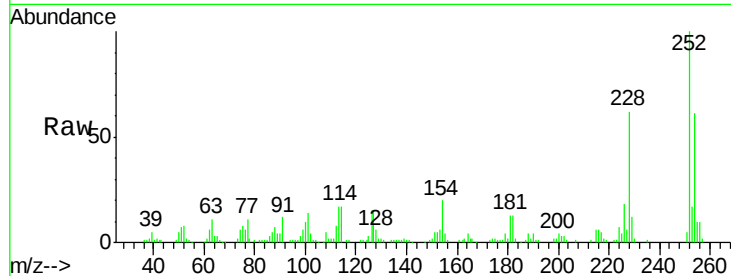




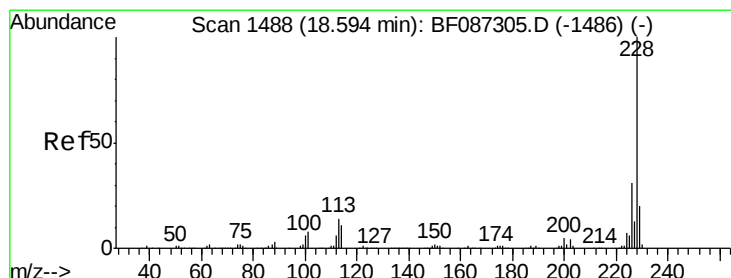
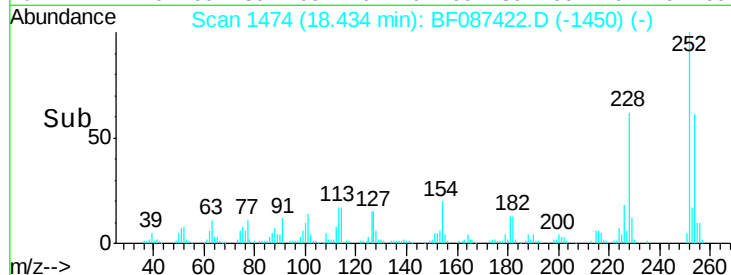
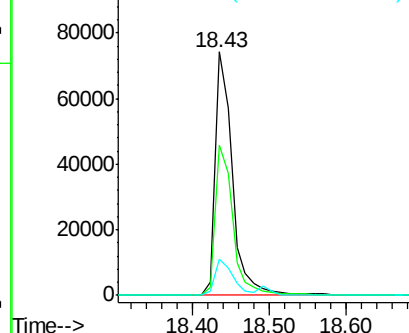
#81
 3,3'-Dichlorobenzidine
 Concen: 12.64 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tgt Ion:252 Resp: 114473
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.7 76.1
 126 15.0 12.7 19.1

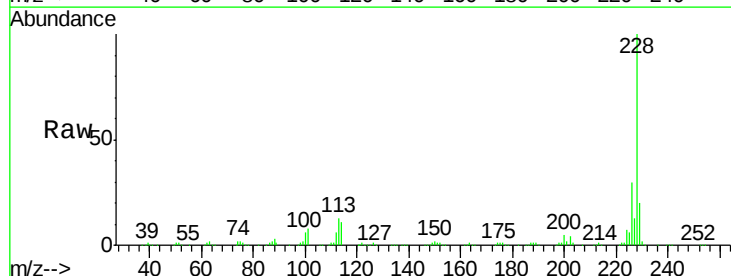


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

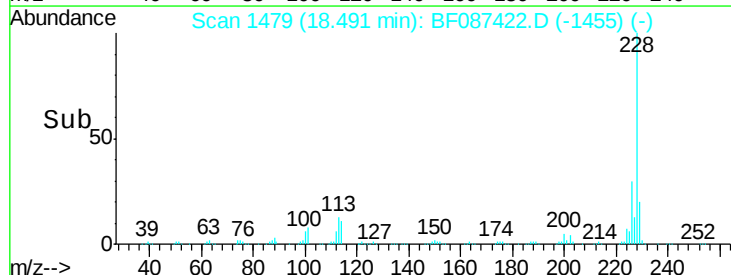
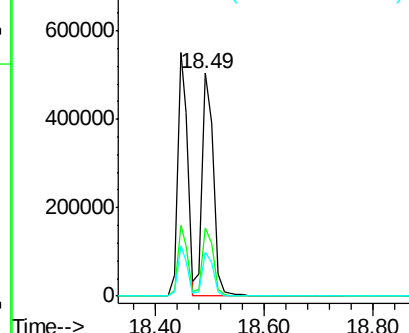


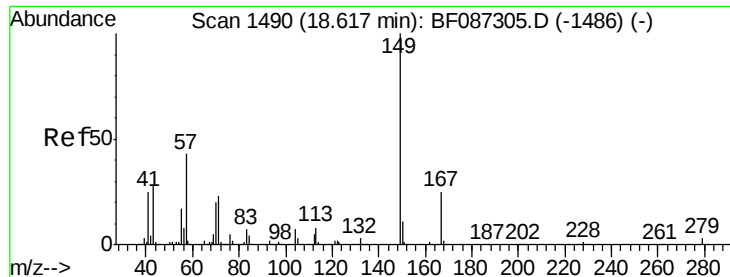
#82
 Chrysene
 Concen: 43.40 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:228 Resp: 706056
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

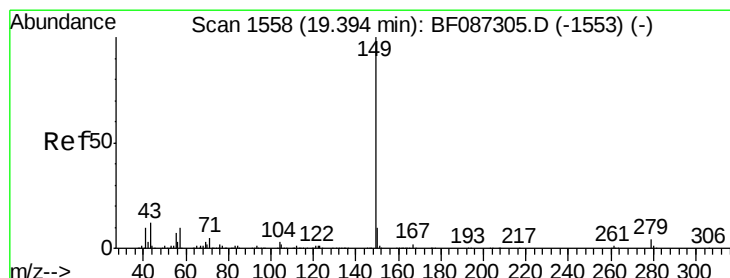
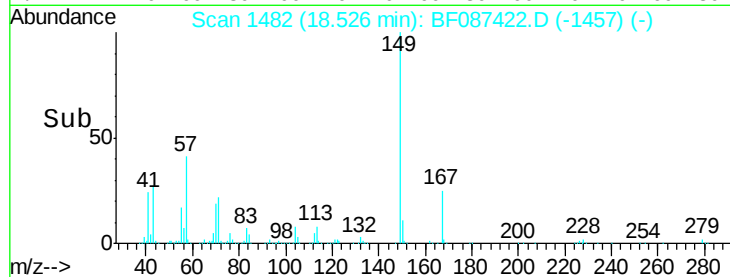
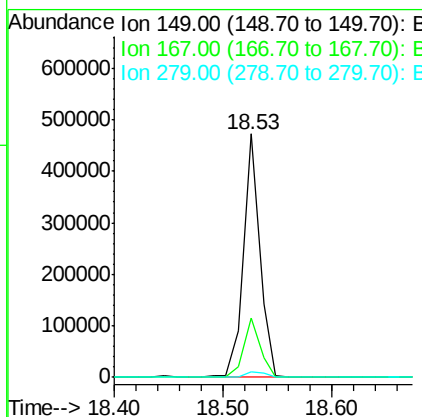
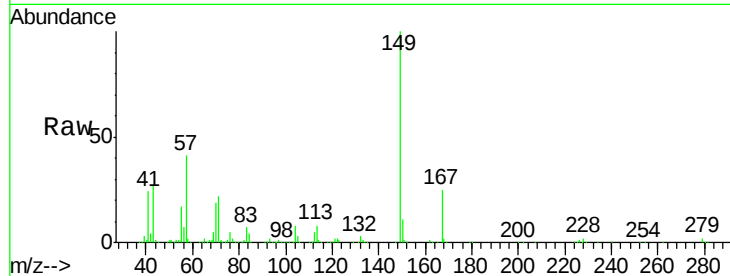




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.67 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

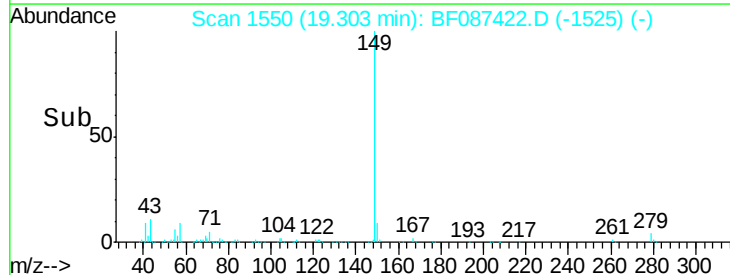
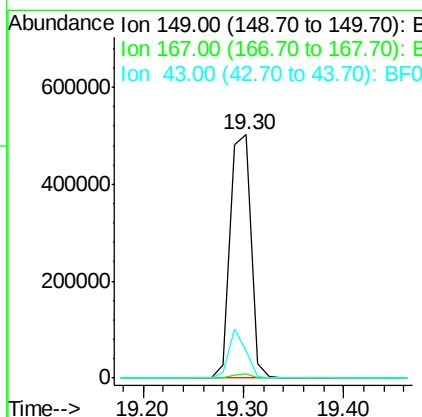
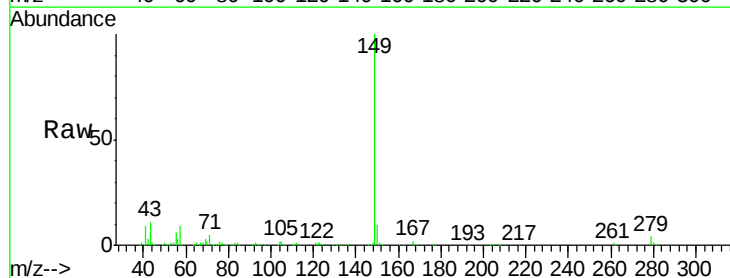
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

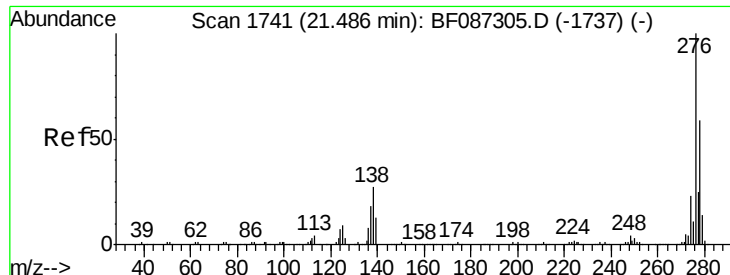
Tgt Ion:149 Resp: 492222
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.8 32.6
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 35.10 ng
 RT: 19.30 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:149 Resp: 718512
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.3 8.2 12.4#

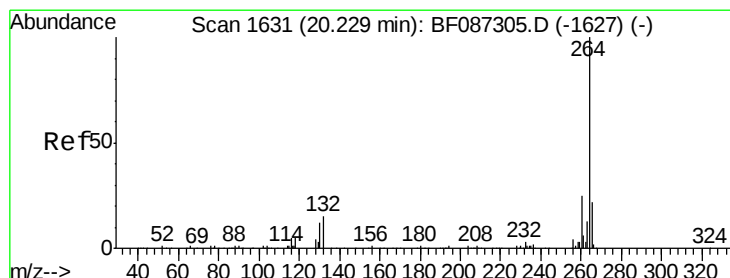
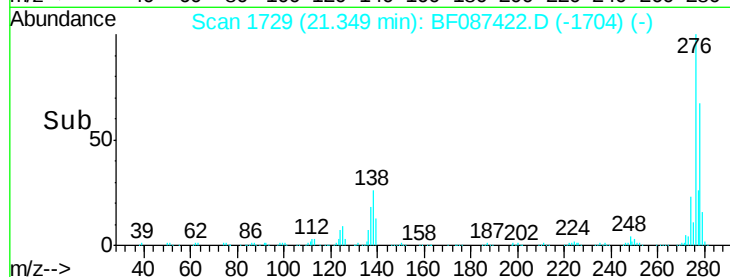
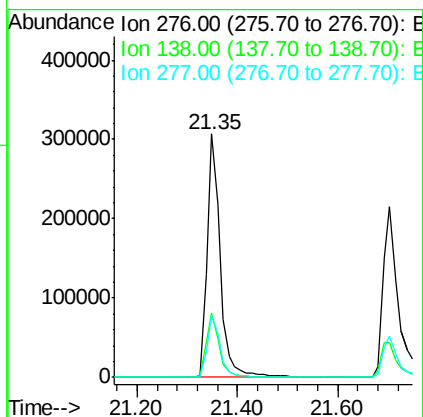
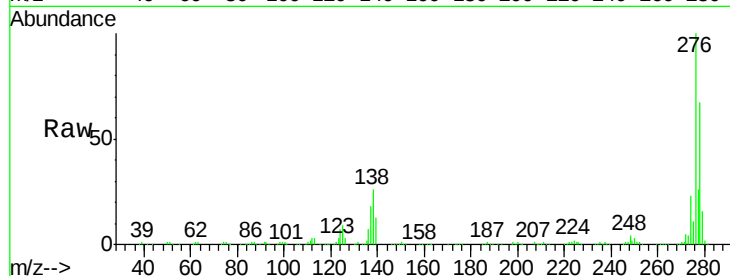




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.63 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

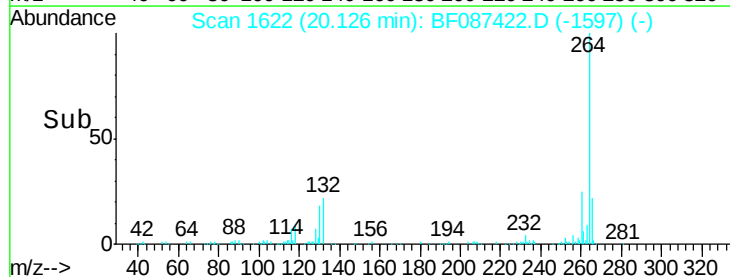
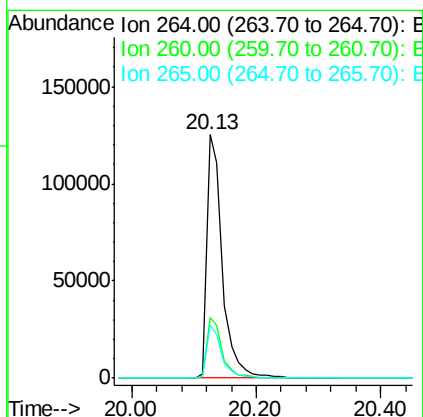
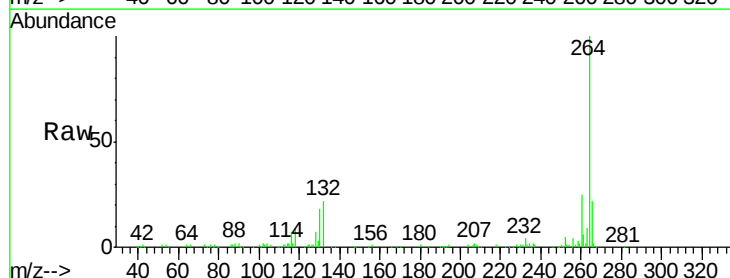
Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

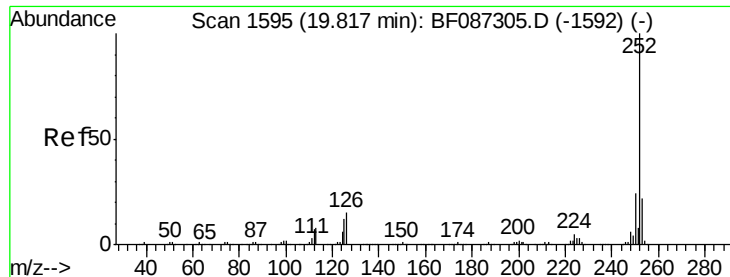
Tgt Ion: 276 Resp: 555922
 Ion Ratio Lower Upper
 276 100
 138 26.3 25.6 38.4
 277 25.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion: 264 Resp: 214309
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 42.67 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

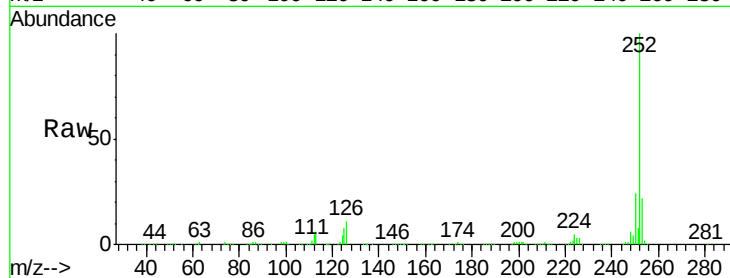
Tgt Ion:252 Resp: 582545

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

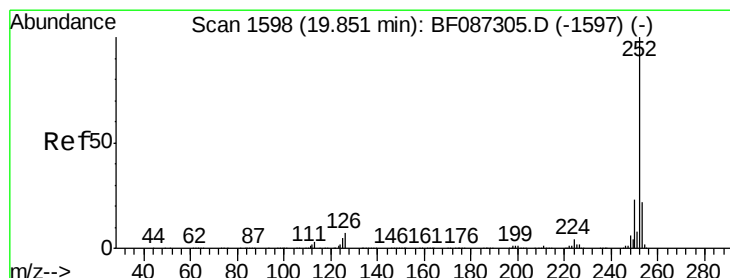
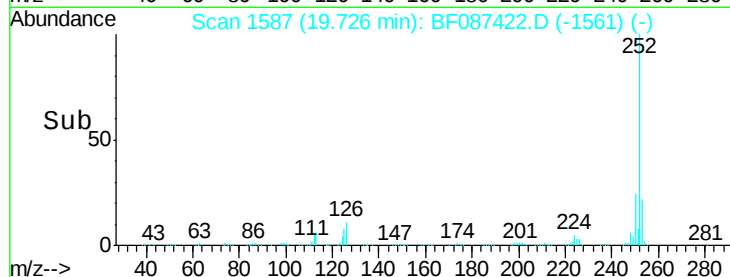
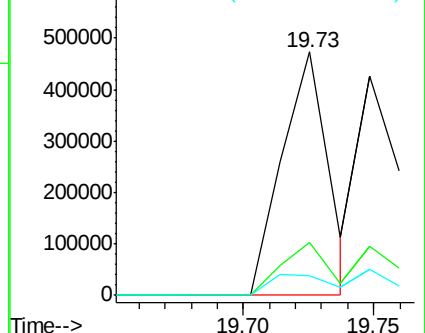
125 8.2 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.58 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

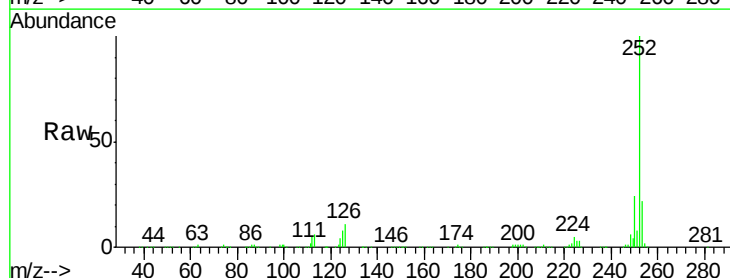
Tgt Ion:252 Resp: 582545

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

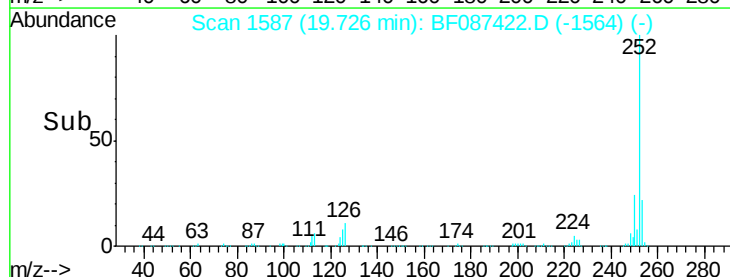
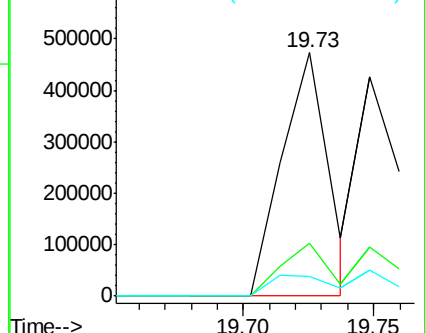
125 8.2 9.1 13.7#

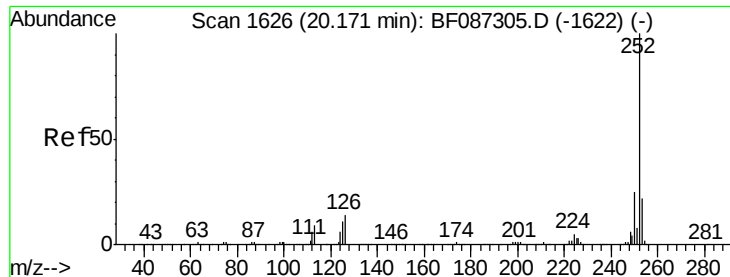


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.49 ng

RT: 20.07 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS

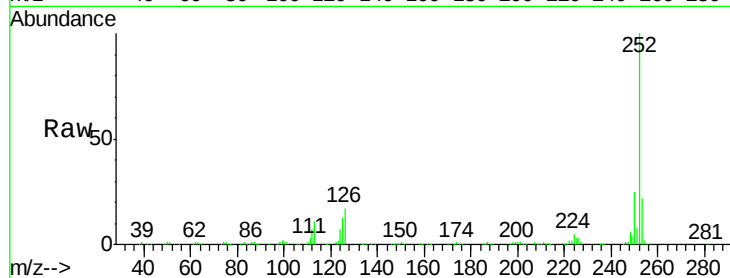
Tgt Ion:252 Resp: 537131

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

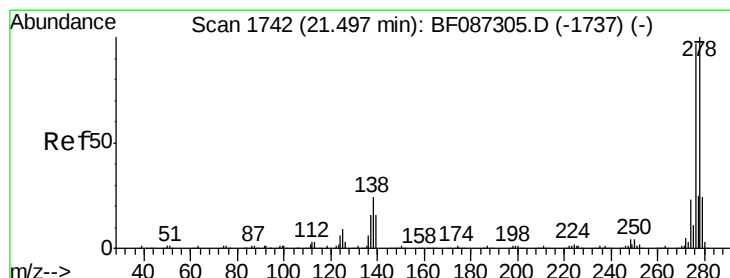
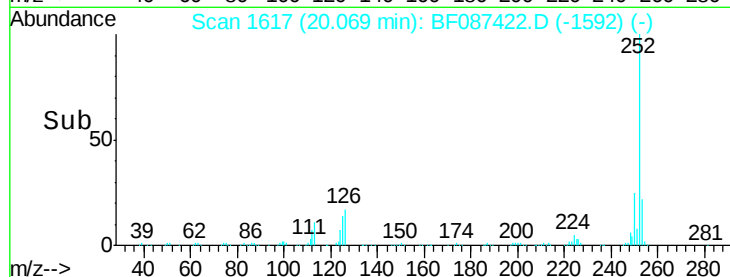
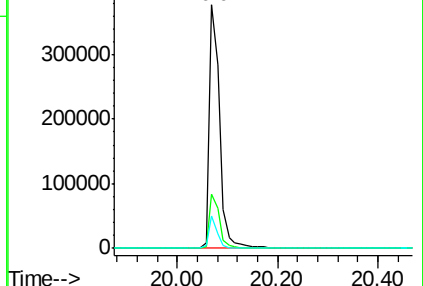
125 13.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.03 ng

RT: 21.36 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

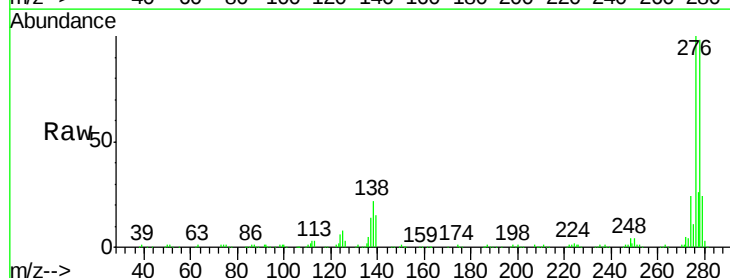
Tgt Ion:278 Resp: 463557

Ion Ratio Lower Upper

278 100

139 15.0 16.6 24.8#

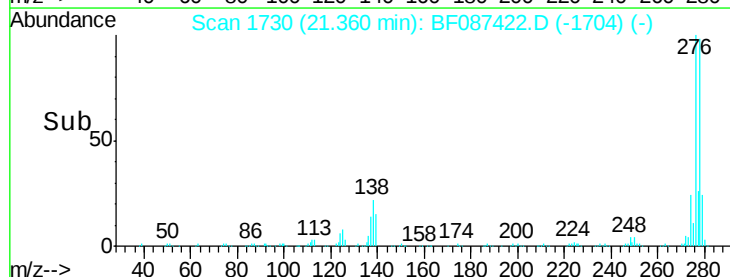
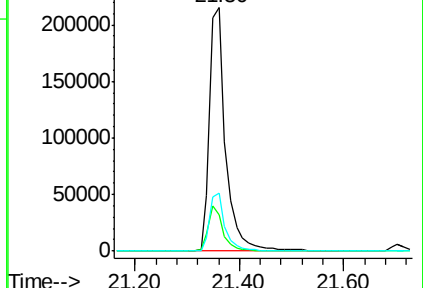
279 24.1 19.6 29.4

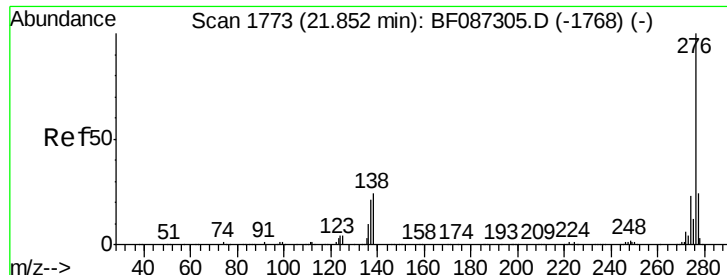


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.01 ng

RT: 21.70 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF087422.D

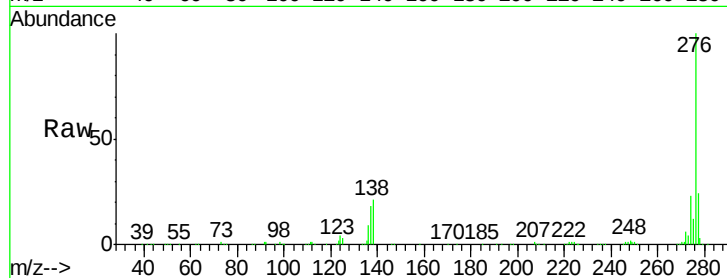
Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

PB90911BS



Tgt Ion:	276	Resp:	467040
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	20.8	23.6	35.4

