

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087427.D
 Acq On : 27 May 2016 1:52
 Operator : UM/SJ
 Sample : PB90852BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Quant Time: May 27 03:20:18 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	100984	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	413949	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	192970	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	376079	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	296295	20.00	ng	-0.01
86) Perylene-d12	20.13	264	210478	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	762721	132.72	ng	0.01
7) Phenol-d6	7.06	99	939968	121.04	ng	-0.01
23) Nitrobenzene-d5	8.42	82	651300	79.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	230965	124.55	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1109640	81.07	ng	-0.02
78) Terphenyl-d14	17.12	244	1068901	76.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	100855	33.26	ng	# 61
3) Pyridine	2.49	79	212778	32.10	ng	# 65
4) n-Nitrosodimethylamine	2.46	42	214926	42.08	ng	# 47
6) Aniline	7.02	93	259061	25.79	ng	93
8) 2-Chlorophenol	7.19	128	287690	40.14	ng	90
9) Benzaldehyde	6.87	77	25509	5.95	ng	95
10) Phenol	7.08	94	364041	42.93	ng	86
11) bis(2-Chloroethyl)ether	7.15	93	279432	40.71	ng	89
12) 1,3-Dichlorobenzene	7.40	146	302242	38.66	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	311299	38.79	ng	94
14) 1,2-Dichlorobenzene	7.76	146	291316	39.24	ng	97
15) Benzyl Alcohol	7.82	79	242608	42.85	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	555929	36.00	ng	95
17) 2-Methylphenol	8.02	107	236253	41.13	ng	# 87
18) Hexachloroethane	8.28	117	118698	39.65	ng	# 90
19) n-Nitroso-di-n-propylamine	8.23	70	237437	41.00	ng	# 73
20) 3+4-Methylphenols	8.28	107	298497	42.99	ng	# 59
22) Acetophenone	8.19	105	422792	42.75	ng	# 98
24) Nitrobenzene	8.44	77	339564	39.17	ng	95
25) Isophorone	8.84	82	584887	39.71	ng	98
26) 2-Nitrophenol	8.96	139	147636	41.66	ng	# 73
27) 2,4-Dimethylphenol	9.11	122	261084	42.44	ng	88
28) bis(2-Chloroethoxy)methane	9.23	93	347721	41.91	ng	99
29) 2,4-Dichlorophenol	9.38	162	236188	42.60	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	252545	39.79	ng	98
31) Naphthalene	9.56	128	835865	40.30	ng	99
32) Benzoic acid	9.43	122	121223	39.45	ng	# 76
33) 4-Chloroaniline	9.74	127	109406	14.32	ng	# 92
34) Hexachlorobutadiene	9.78	225	145650	37.75	ng	98
35) Caprolactam	10.33	113	41385	25.57	ng	# 54
36) 4-Chloro-3-methylphenol	10.59	107	275627	43.97	ng	96
37) 2-Methylnaphthalene	10.70	142	542860	41.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	234328	37.94	ng	97
40) Hexachlorocyclopentadiene	10.95	237	170058	68.45	ng	94

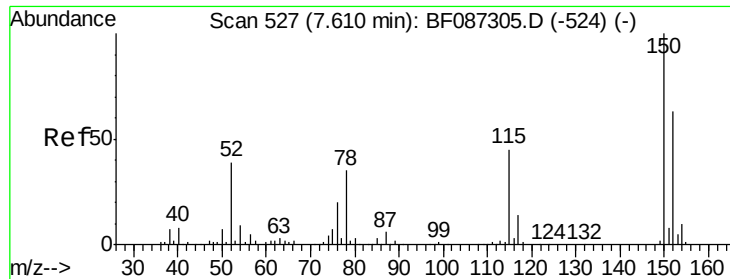
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	137269	38.50	ng	95
43) 2,4,5-Trichlorophenol	11.29	196	142070	39.13	ng #	90
45) 1,1'-Biphenyl	11.46	154	668928	41.17	ng	97
46) 2-Chloronaphthalene	11.48	162	502518	40.43	ng	97
47) 2-Nitroaniline	11.70	65	203878	45.53	ng #	80
48) Acenaphthylene	12.14	152	808543	41.09	ng	99
49) Dimethylphthalate	12.02	163	625986	40.50	ng	99
50) 2,6-Dinitrotoluene	12.11	165	132481	42.53	ng #	78
51) Acenaphthene	12.42	154	499088	41.26	ng	98
52) 3-Nitroaniline	12.39	138	70732	22.13	ng	94
53) 2,4-Dinitrophenol	12.58	184	122882	77.32	ng #	83
54) Dibenzofuran	12.71	168	739106	45.13	ng	96
55) 4-Nitrophenol	12.78	139	115846	75.97	ng #	33
56) 2,4-Dinitrotoluene	12.78	165	186693	44.85	ng #	91
57) Fluorene	13.26	166	597768	42.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	127902	45.79	ng	98
59) Diethylphthalate	13.16	149	616823	41.04	ng	100
60) 4-Chlorophenyl-phenylether	13.29	204	274510	39.64	ng	91
61) 4-Nitroaniline	13.38	138	130752	43.82	ng #	61
62) Azobenzene	13.54	77	726804	46.62	ng	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96738	40.45	ng #	60
65) n-Nitrosodiphenylamine	13.51	169	510974	42.01	ng	100
66) 4-Bromophenyl-phenylether	14.07	248	162621	39.53	ng	94
67) Hexachlorobenzene	14.14	284	170320	39.58	ng #	61
68) Atrazine	14.42	200	154507	39.85	ng	92
69) Pentachlorophenol	14.51	266	83299	63.66	ng	98
70) Phenanthrene	14.81	178	881927	42.34	ng	99
71) Anthracene	14.89	178	901675	42.85	ng	99
72) Carbazole	15.18	167	791085	44.08	ng	98
73) Di-n-butylphthalate	15.76	149	943474	40.65	ng #	98
74) Fluoranthene	16.57	202	894400	42.82	ng	92
76) Benzidine	16.80	184	206076	27.03	ng	95
77) Pyrene	16.87	202	891192	41.79	ng	100
79) Butylbenzylphthalate	17.78	149	378623	40.03	ng #	75
80) Benzo(a)anthracene	18.45	228	708552	42.04	ng	98
81) 3,3'-Dichlorobenzidine	18.43	252	117286	12.60	ng	98
82) Chrysene	18.49	228	683633	40.87	ng	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	477371	34.59	ng #	96
84) Di-n-octyl phthalate	19.29	149	703066	33.40	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.35	276	535228	39.92	ng	94
87) Benzo(b)fluoranthene	19.73	252	556033	41.47	ng #	94
88) Benzo(k)fluoranthene	19.73	252	556033	48.18	ng #	97
89) Benzo(a)pyrene	20.07	252	509992	43.98	ng #	97
90) Dibenzo(a,h)anthracene	21.36	278	445527	45.05	ng #	93
91) Benzo(g,h,i)perylene	21.70	276	451044	46.22	ng #	91

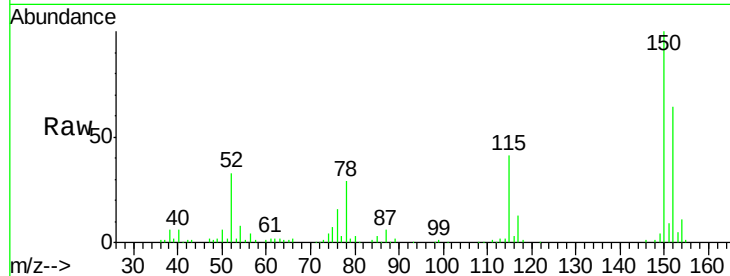
(#) = qualifier out of range (m) = manual integration (+) = signals summed



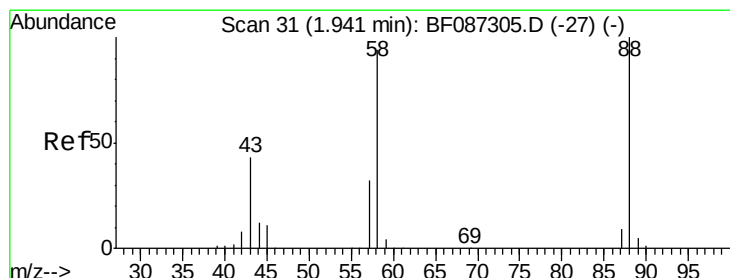
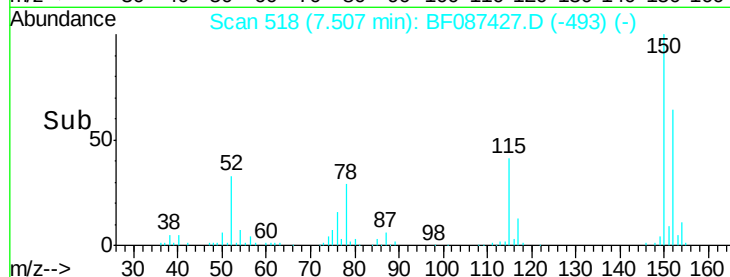
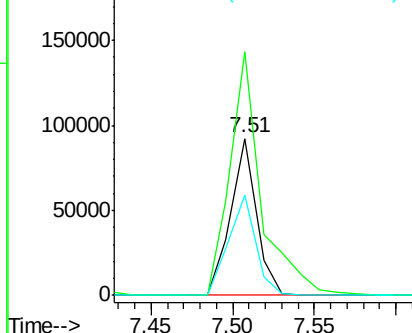
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.51 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion: 152 Resp: 100984
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 63.8 51.5 77.3

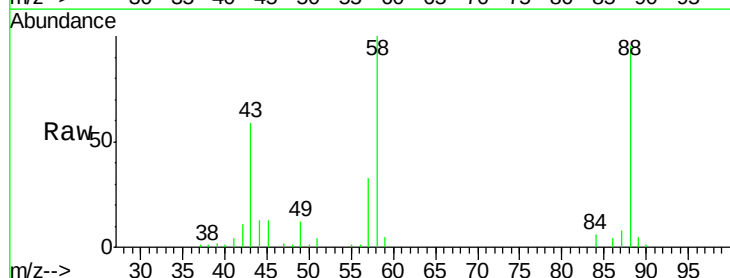


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

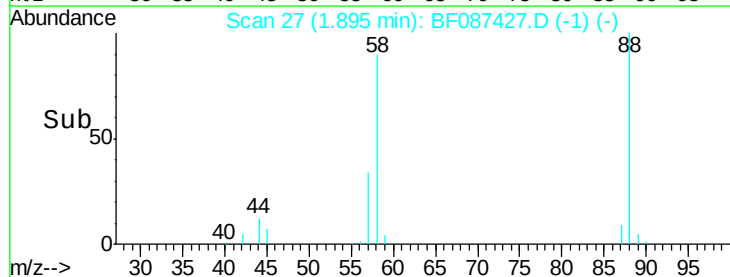
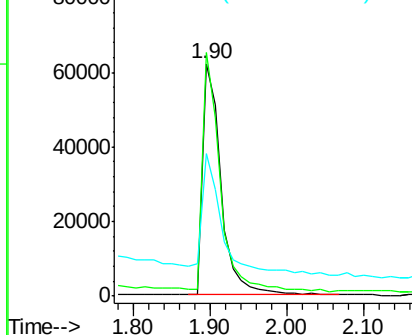


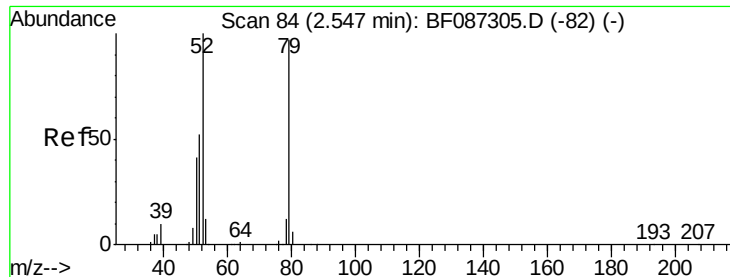
#2
 1,4-Dioxane
 Concen: 33.26 ng
 RT: 1.90 min Scan# 27
 Delta R.T. 0.08 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion: 88 Resp: 100855
 Ion Ratio Lower Upper
 88 100
 58 100.4 59.6 89.4#
 43 59.3 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

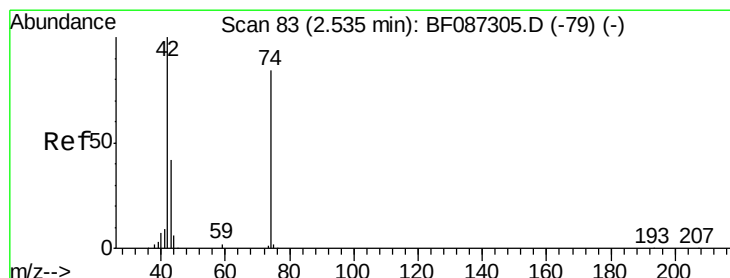
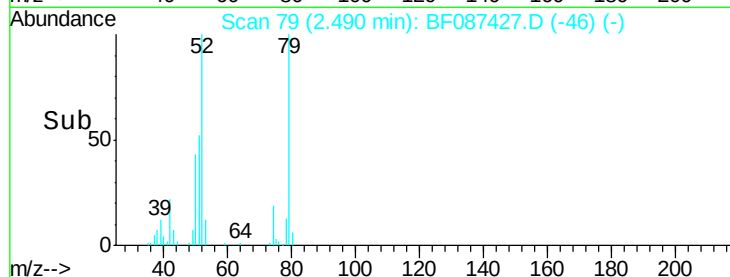
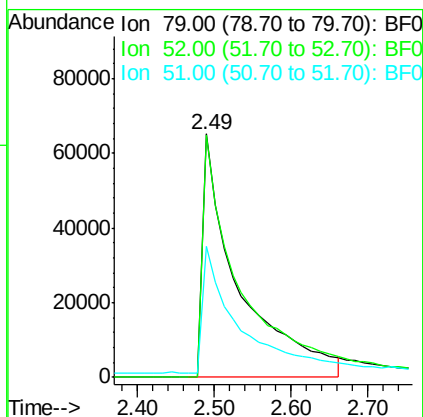
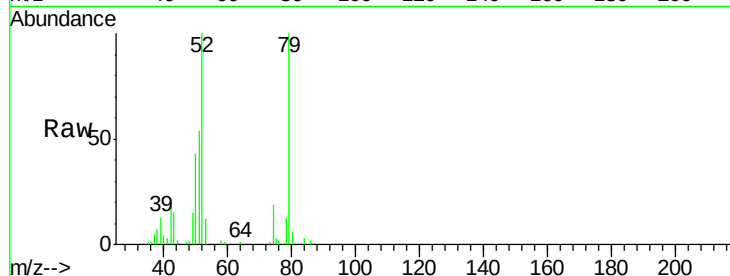




#3
 Pyridine
 Concen: 32.10 ng
 RT: 2.49 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

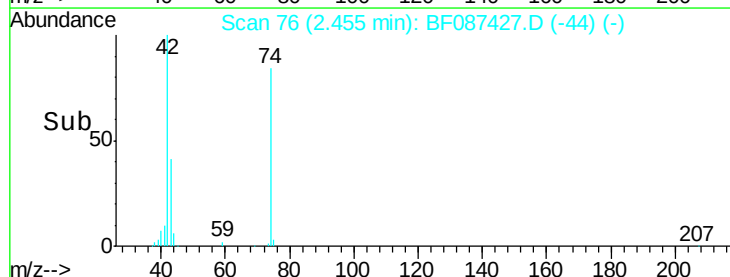
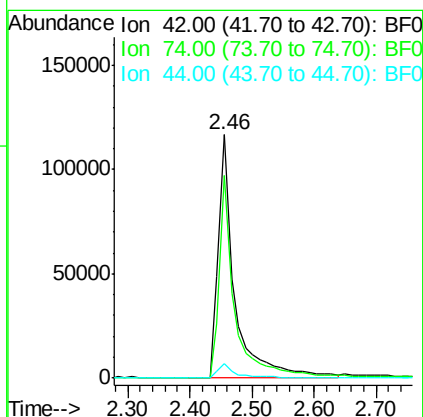
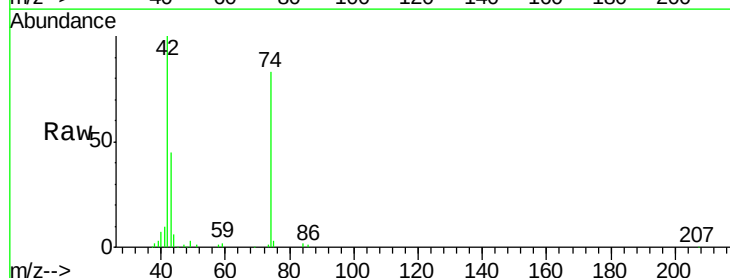
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

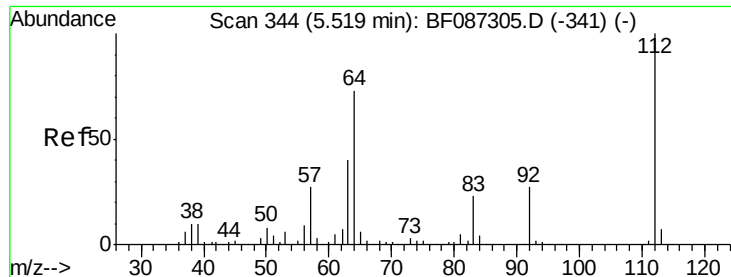
Tgt Ion: 79 Resp: 212778
 Ion Ratio Lower Upper
 79 100
 52 99.7 55.9 83.9#
 51 53.9 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 42.08 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion: 42 Resp: 214926
 Ion Ratio Lower Upper
 42 100
 74 83.2 123.4 185.0#
 44 6.1 5.8 8.6





#5

2-Fluorophenol

Concen: 132.72 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

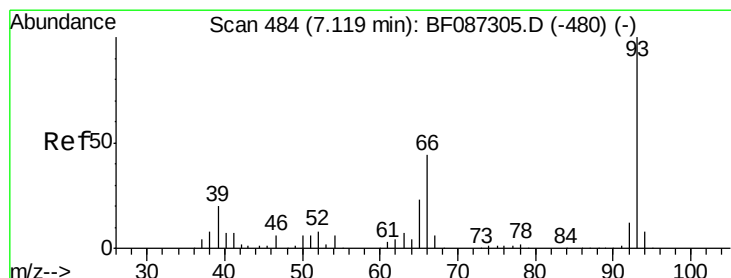
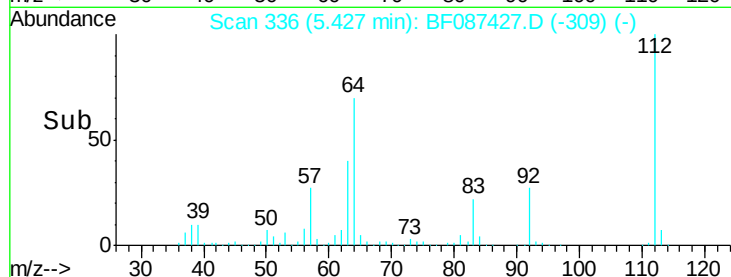
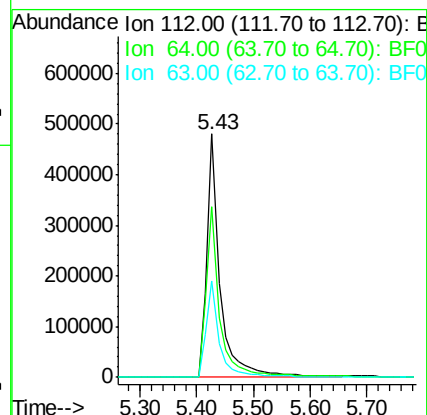
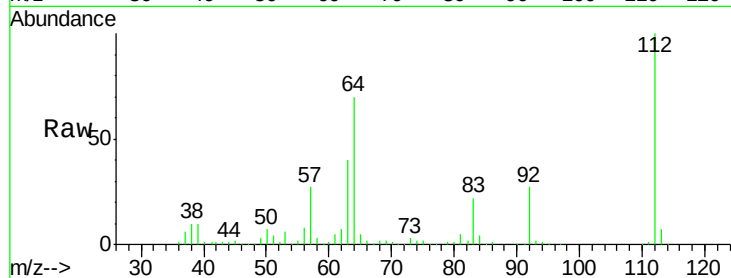
Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tgt Ion:	112	Resp:	762721
Ion Ratio	Lower	Upper	
112	100		
64	70.2	52.1	78.1
63	39.8	25.7	38.5#



#6

Aniline

Concen: 25.79 ng

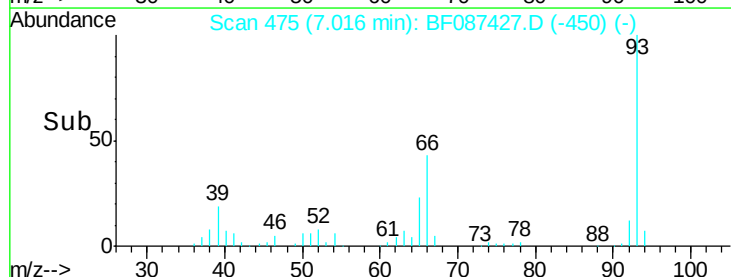
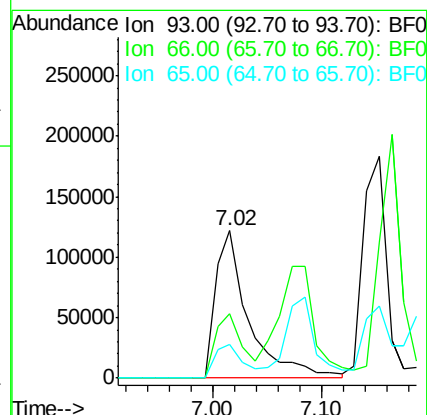
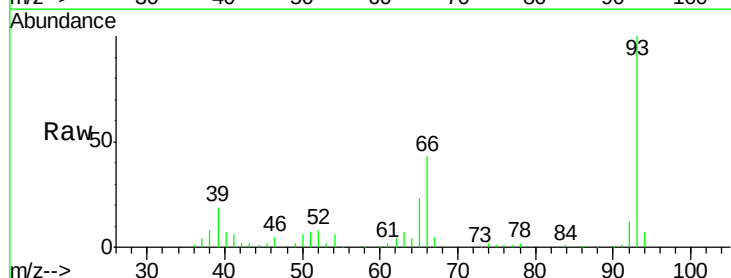
RT: 7.02 min Scan# 475

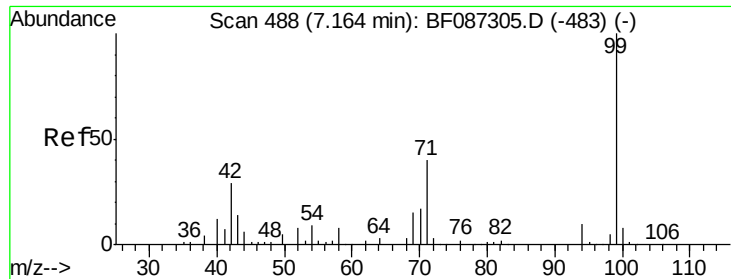
Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:	93	Resp:	259061
Ion Ratio	Lower	Upper	
93	100		
66	43.5	39.0	58.6
65	22.8	20.6	31.0





#7

Phenol-d6

Concen: 121.04 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

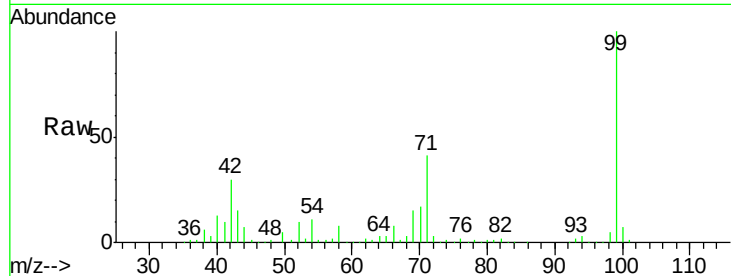
Tgt Ion: 99 Resp: 939968

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

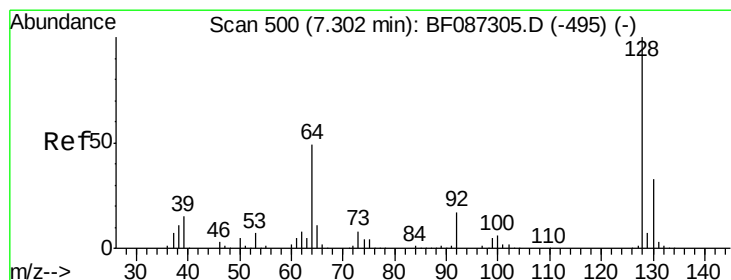
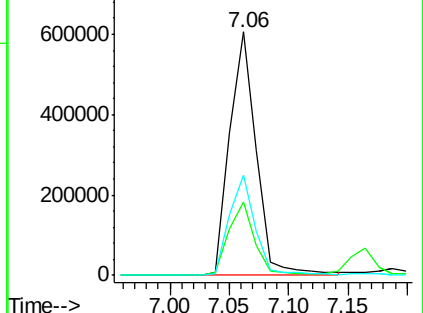
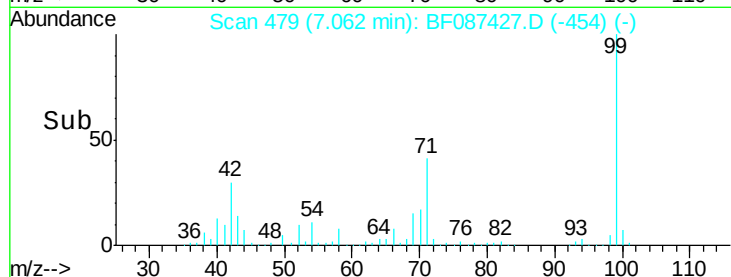
71 41.3 24.6 36.8#



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: 40.14 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

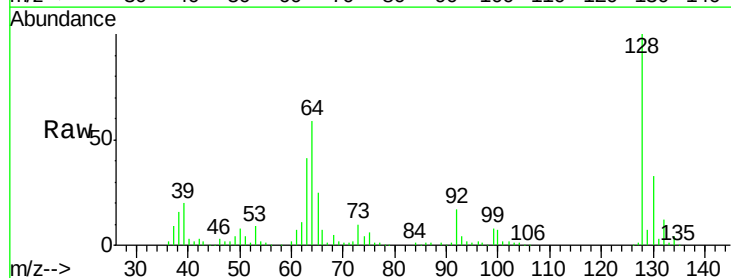
Tgt Ion: 128 Resp: 287690

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

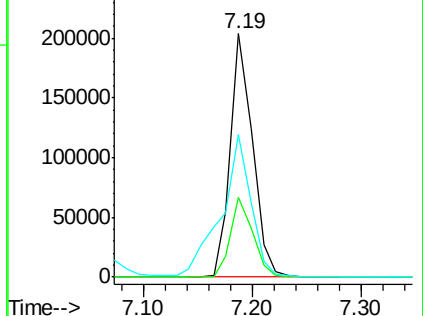
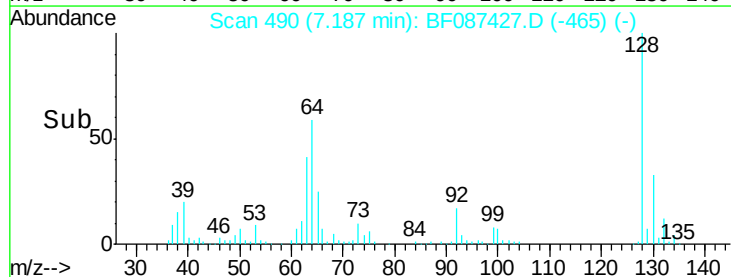
64 58.6 27.3 67.3

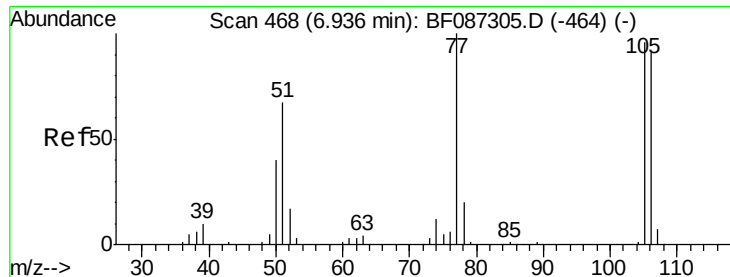


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

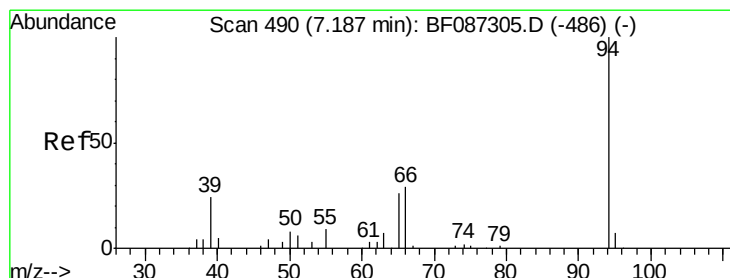
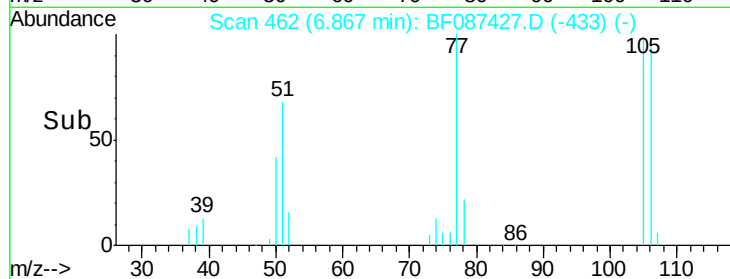
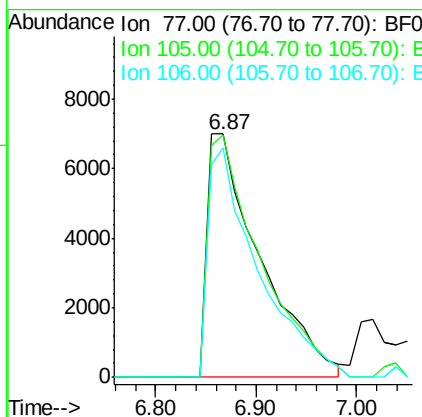
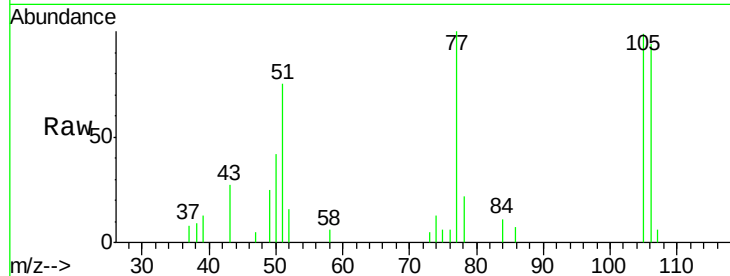




#9
Benzaldehyde
Concen: 5.95 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.03 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

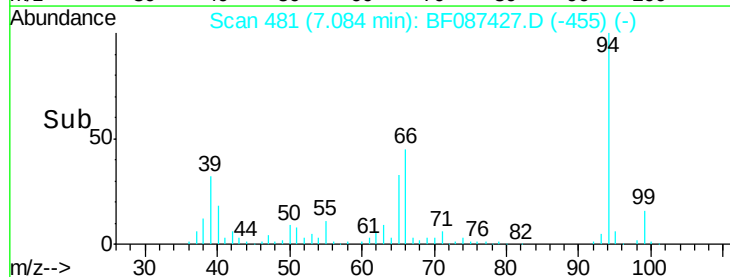
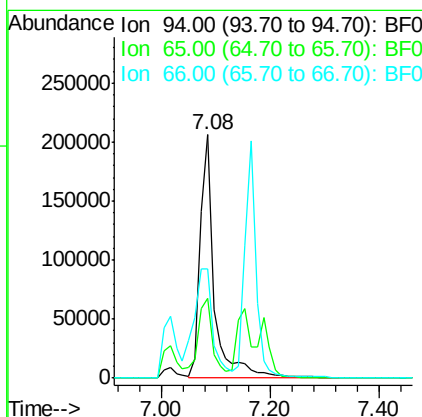
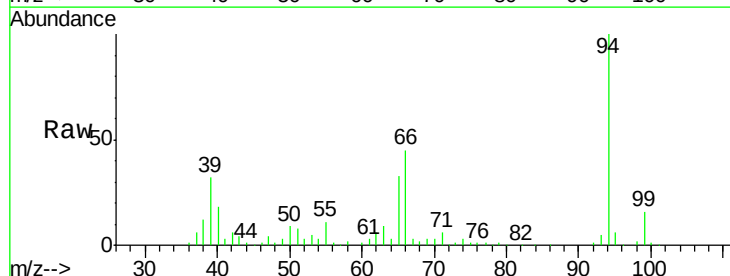
Instrument :
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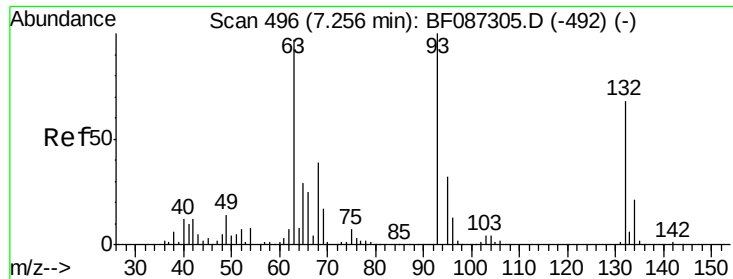
Tgt Ion: 77 Resp: 25509
Ion Ratio Lower Upper
77 100
105 99.4 72.7 112.7
106 94.2 70.8 110.8



#10
Phenol
Concen: 42.93 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion: 94 Resp: 364041
Ion Ratio Lower Upper
94 100
65 32.7 7.2 47.2
66 45.0 14.9 54.9

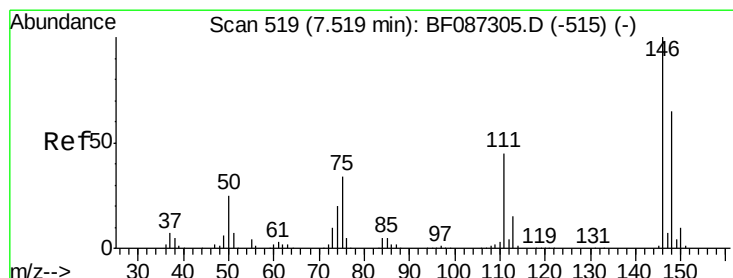
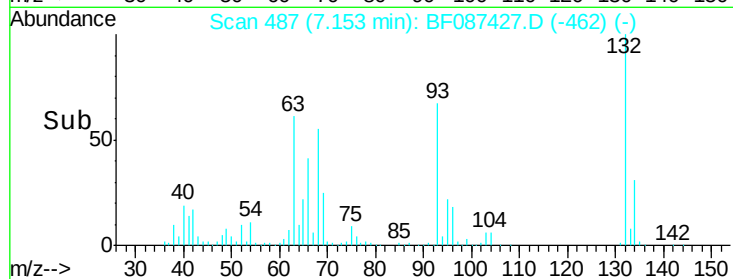
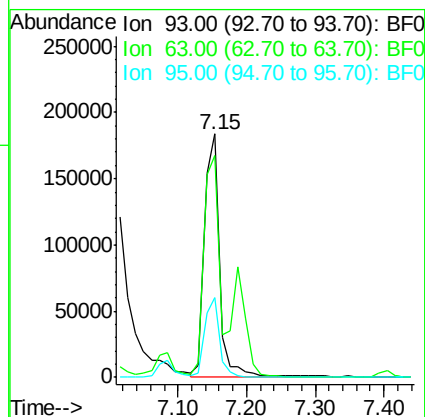
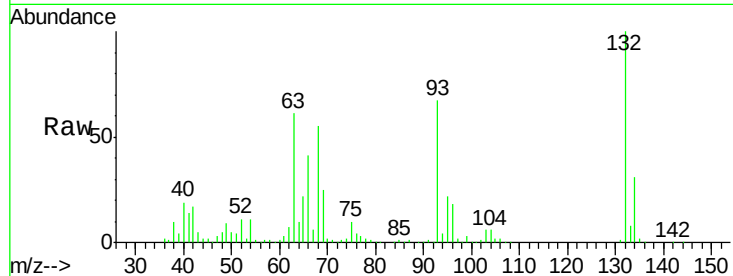




#11
bis(2-Chloroethyl)ether
Concen: 40.71 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

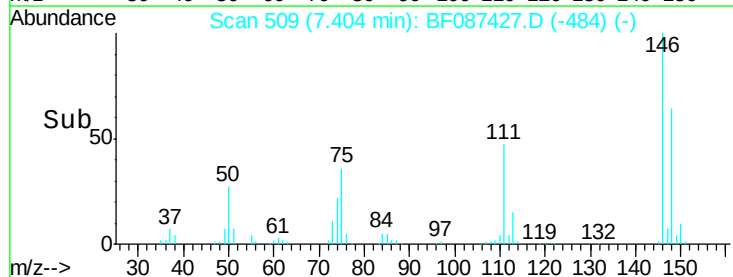
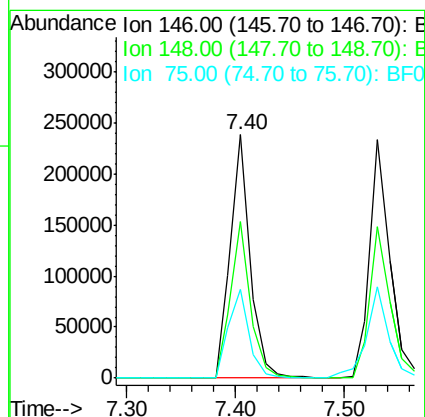
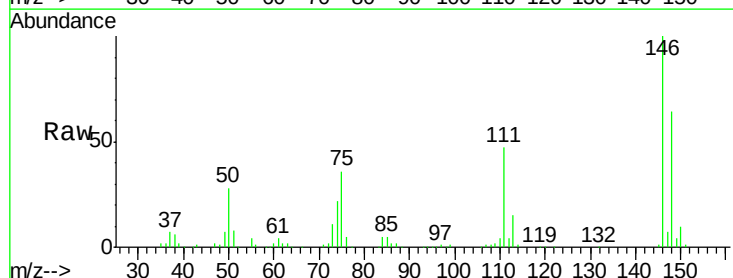
Instrument :
BNA_F
ClientSampleId :
PB90852BS

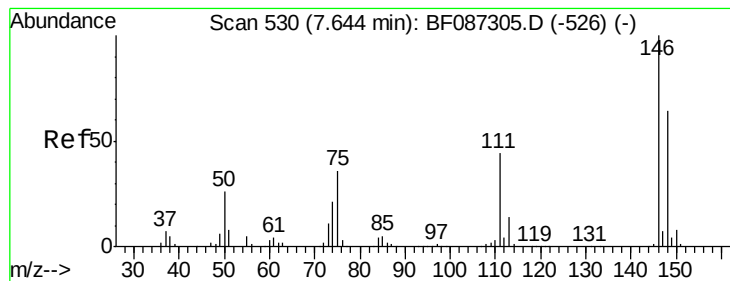
Tgt Ion: 93 Resp: 279432
Ion Ratio Lower Upper
93 100
63 91.0 58.0 98.0
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.66 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion: 146 Resp: 302242
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 36.3 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 38.79 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

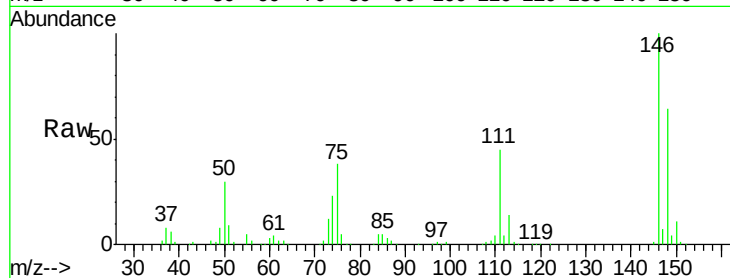
Tgt Ion:146 Resp: 311299

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.4

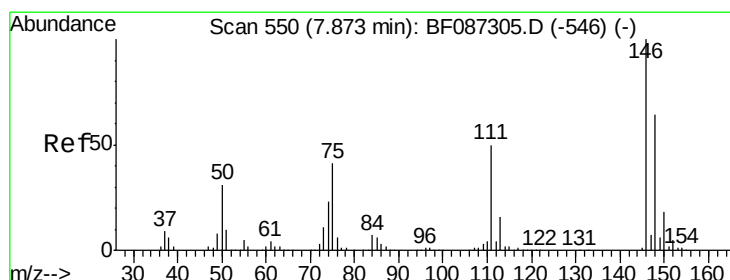
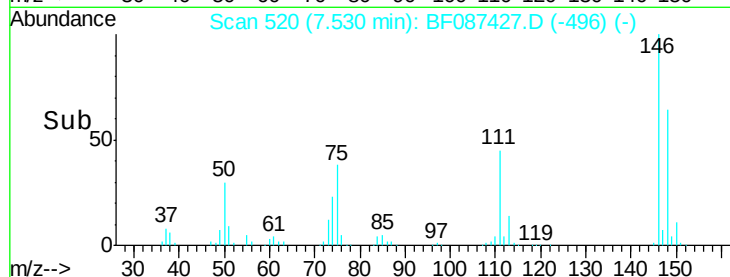
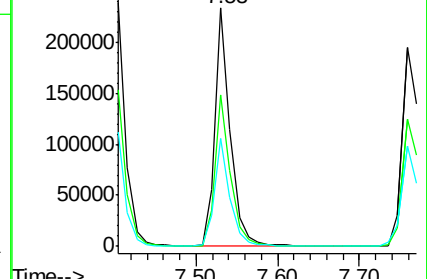
111 45.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.24 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

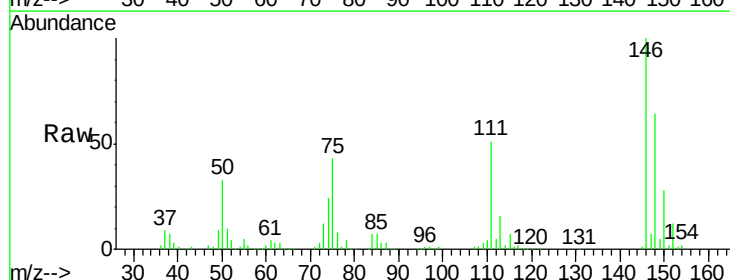
Tgt Ion:146 Resp: 291316

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

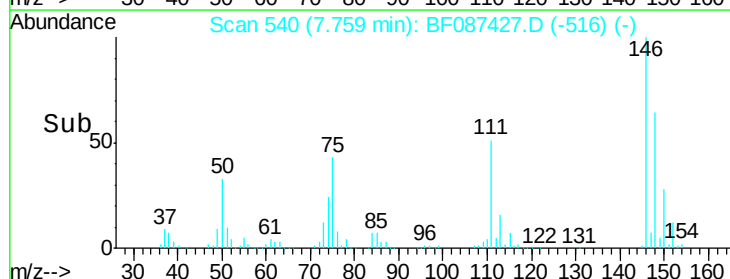
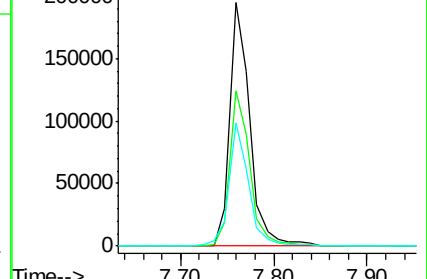
111 50.7 36.2 54.4

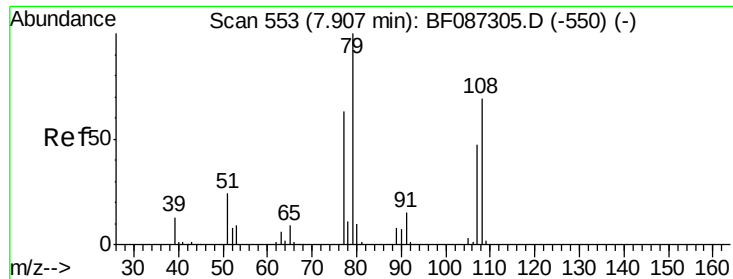


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

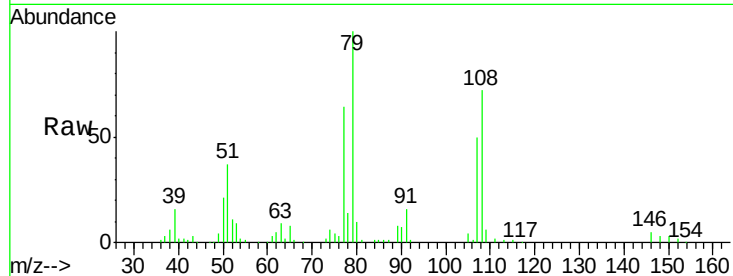




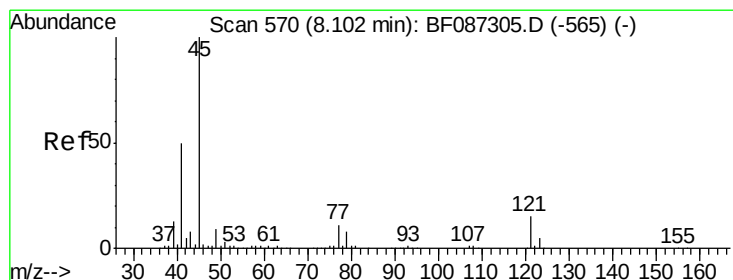
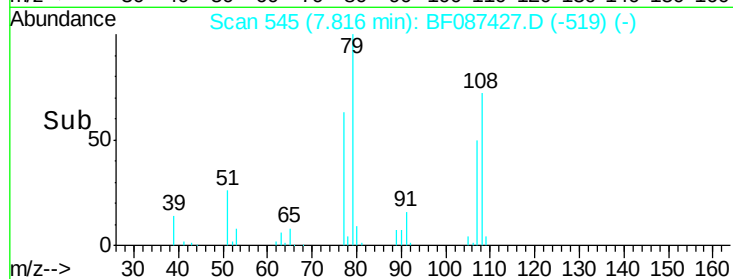
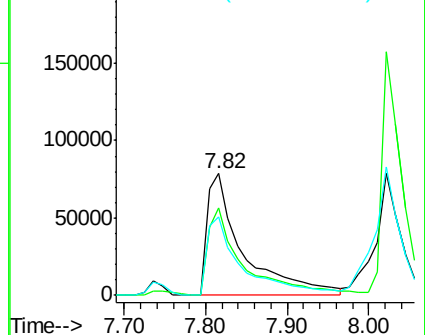
#15
Benzyl Alcohol
Concen: 42.85 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion: 79 Resp: 242608
Ion Ratio Lower Upper
79 100
108 71.7 68.4 102.6
77 64.0 50.6 76.0

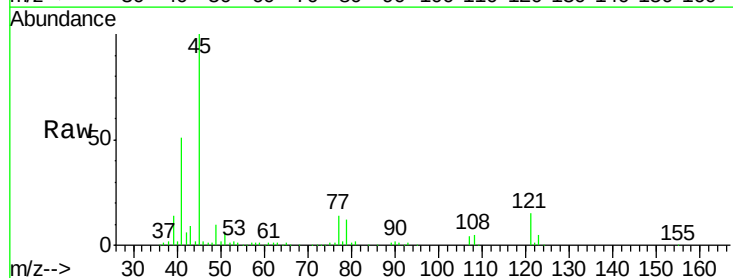


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

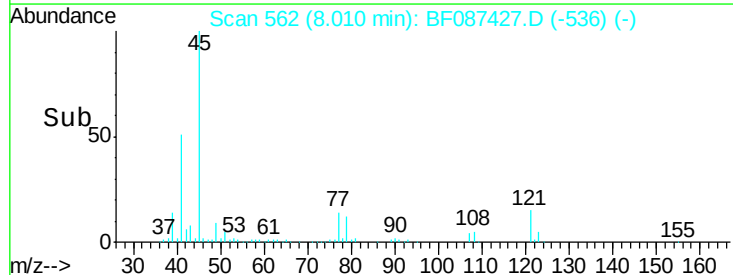
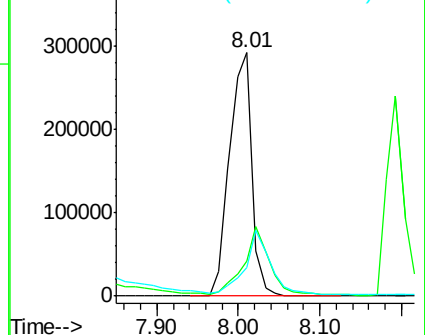


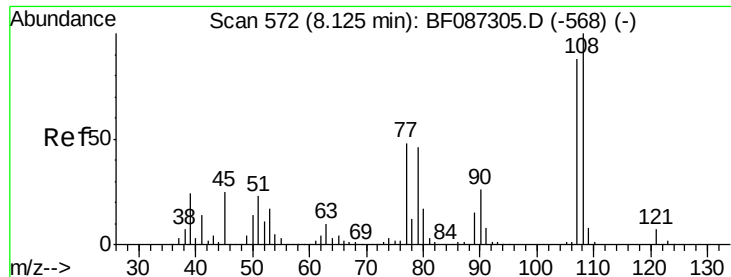
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion: 45 Resp: 555929
Ion Ratio Lower Upper
45 100
77 14.4 0.0 36.4
79 11.6 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

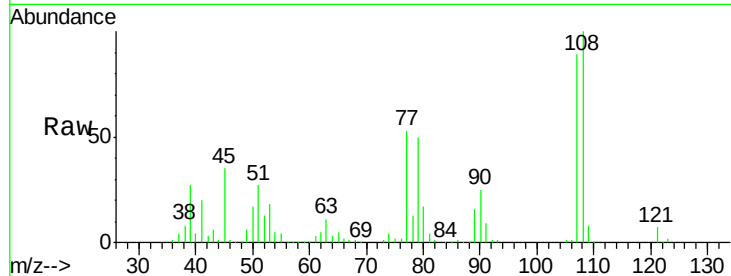




#17
2-Methylphenol
Concen: 41.13 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.7	140.5
77	59.1	33.4	50.0#
79	56.0	34.3	51.5#



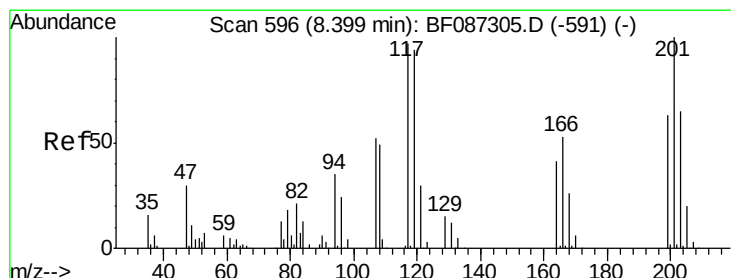
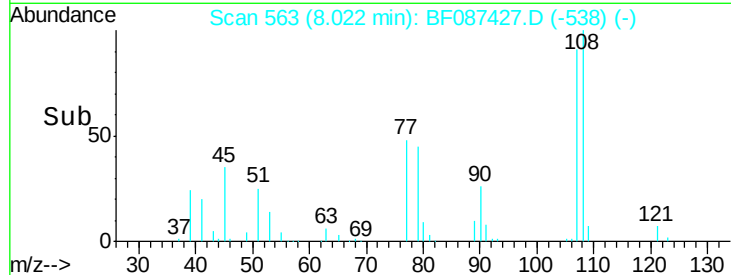
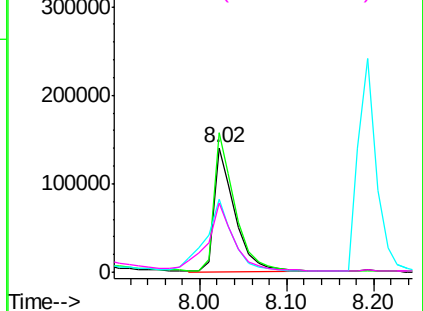
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

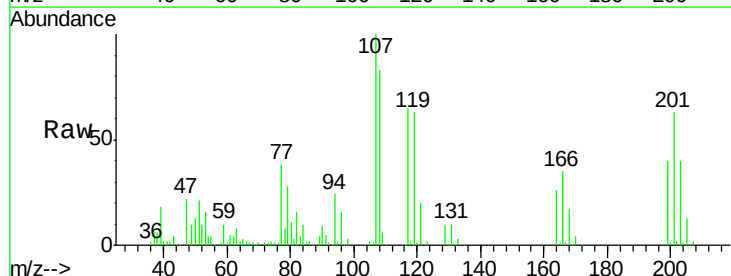
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.65 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.5	114.7
201	96.4	63.0	94.6#

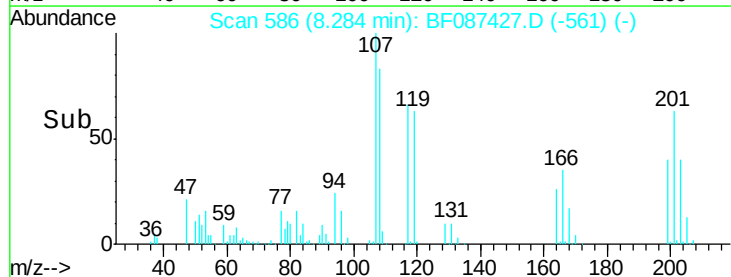
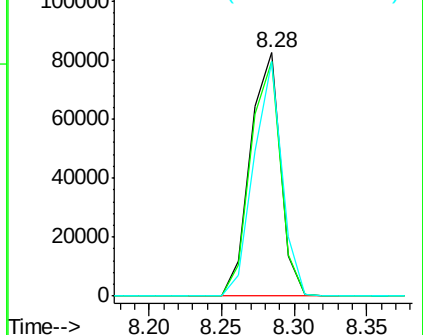


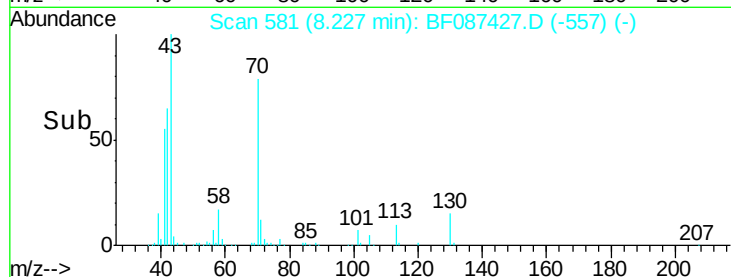
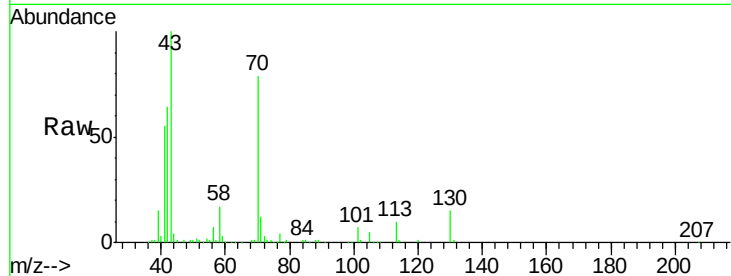
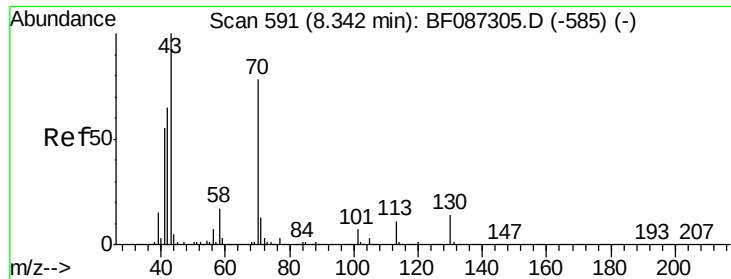
Abundance

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

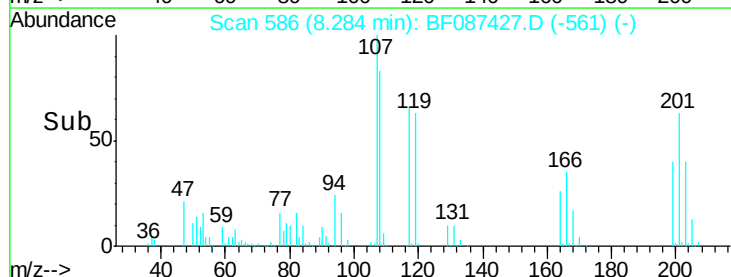
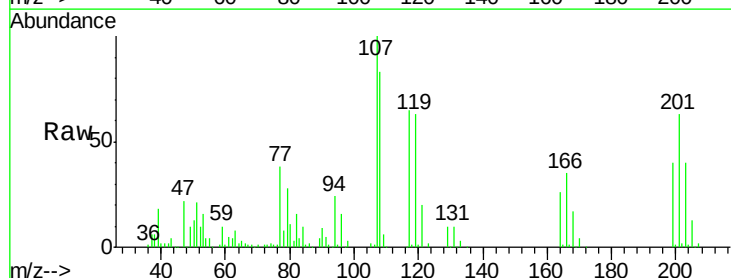
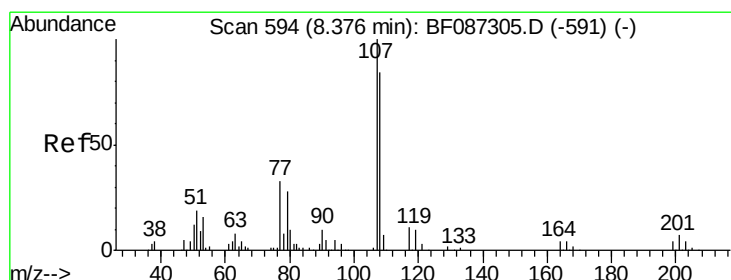
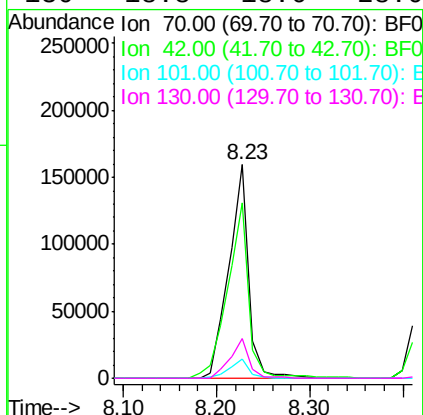




#19
n-Nitroso-di-n-propylamine
Concen: 41.00 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

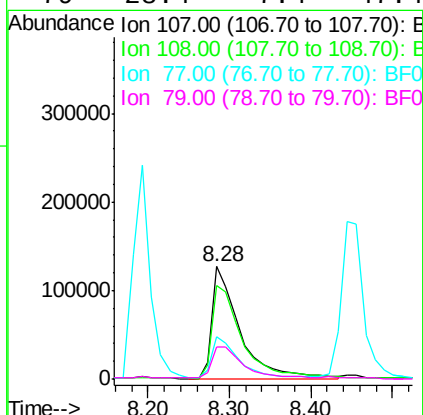
Instrument :
BNA_F
ClientSampleId :
PB90852BS

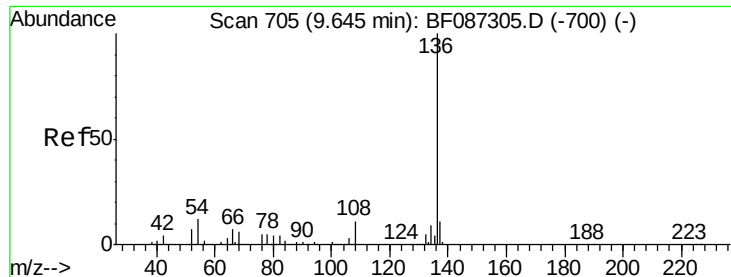
Tgt Ion:	70	Resp:	237437
Ion	Ratio	Lower	Upper
70	100		
42	81.8	43.1	64.7#
101	8.9	8.1	12.1
130	18.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 42.99 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:	107	Resp:	298497
Ion	Ratio	Lower	Upper
107	100		
108	83.4	68.5	108.5
77	37.6	101.6	141.6#
79	28.4	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: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tgt Ion:136 Resp: 413949

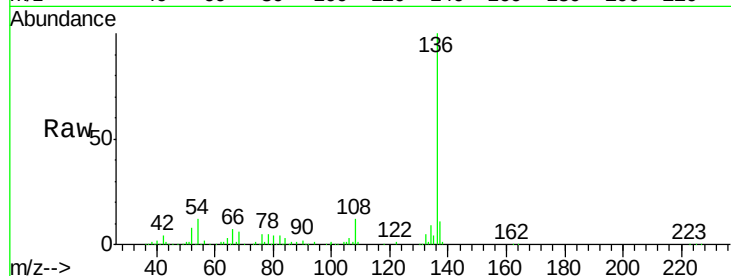
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.2 5.0 7.4#

68 6.1 4.4 6.6

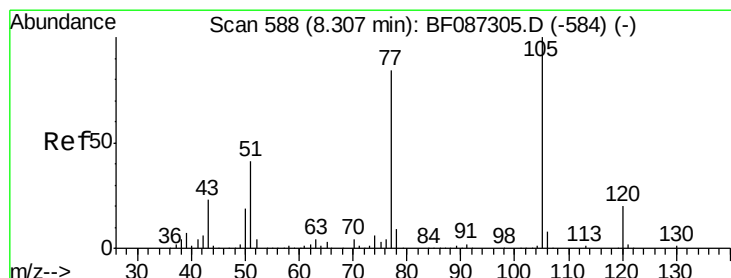
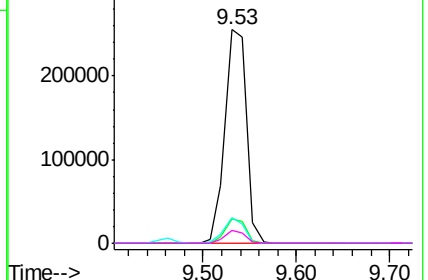
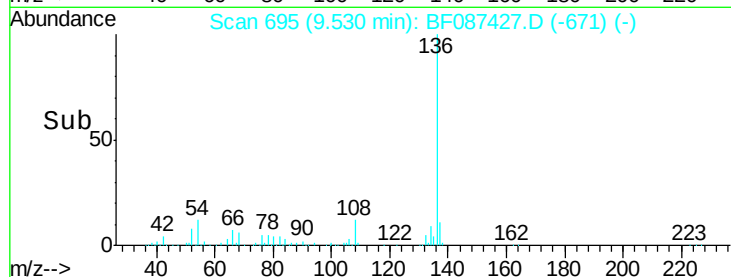


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.75 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:105 Resp: 422792

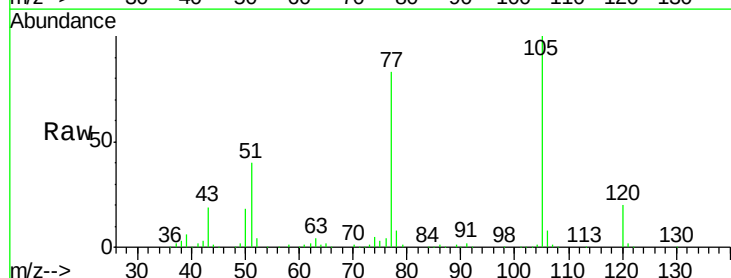
Ion Ratio Lower Upper

105 100

71 0.3 4.8 7.2#

51 40.3 32.6 49.0

120 20.0 16.5 24.7

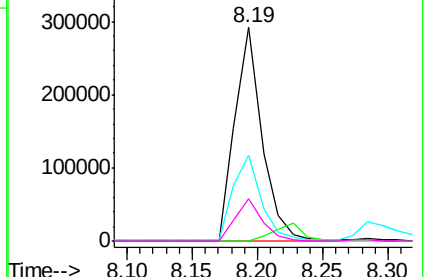
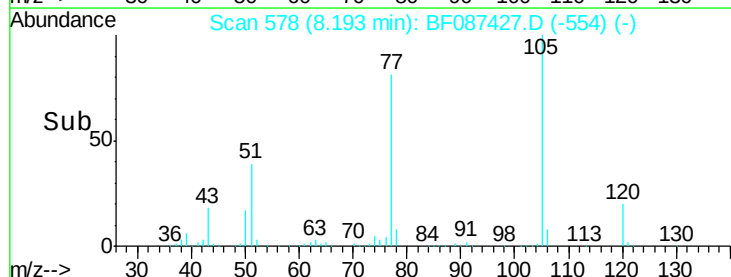


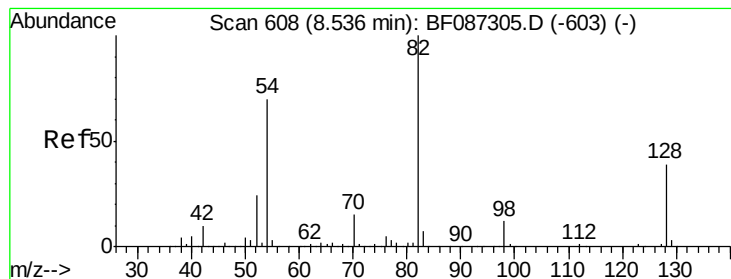
Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.30 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

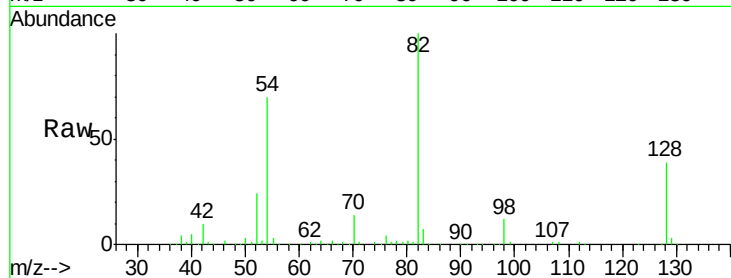
Tgt Ion: 82 Resp: 651300

Ion Ratio Lower Upper

82 100

128 39.1 40.6 61.0#

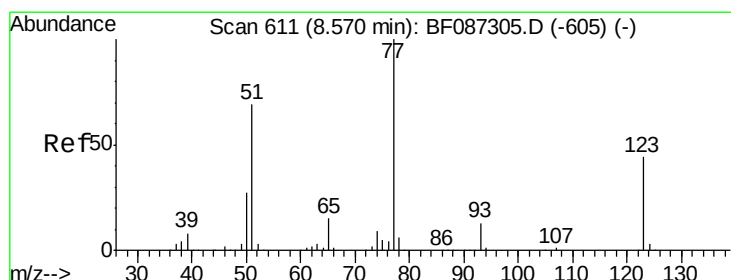
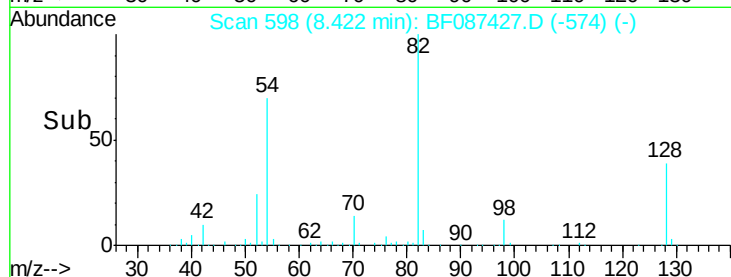
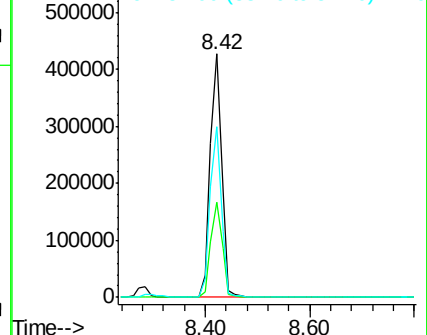
54 70.0 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.17 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

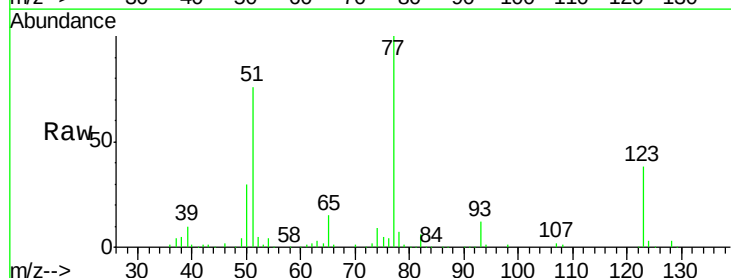
Tgt Ion: 77 Resp: 339564

Ion Ratio Lower Upper

77 100

123 37.9 33.0 49.4

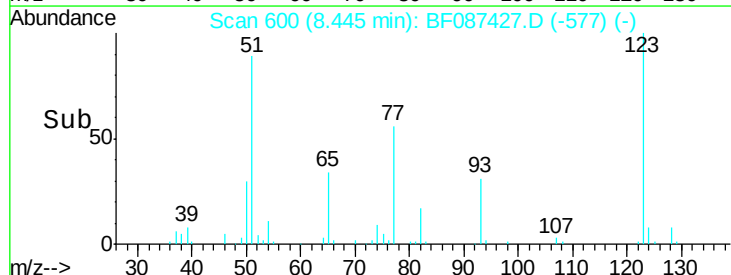
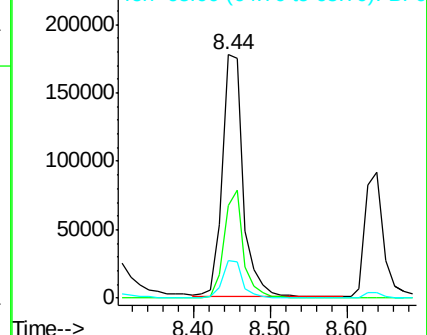
65 15.4 10.8 16.2

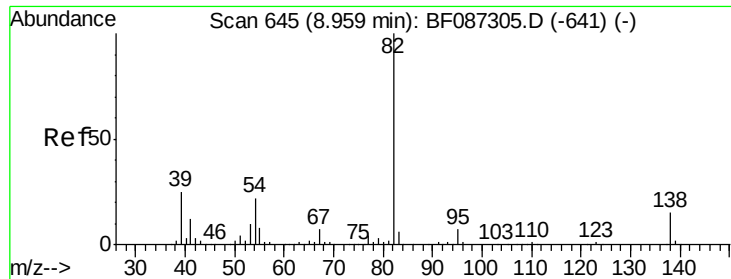


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.71 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

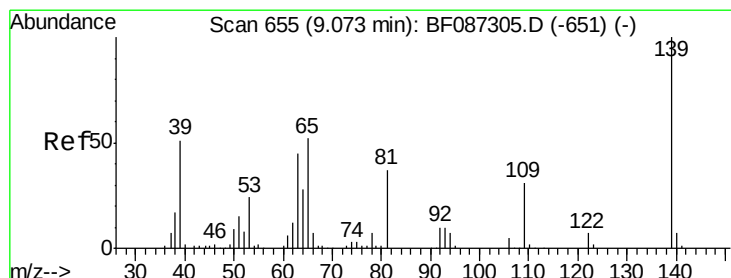
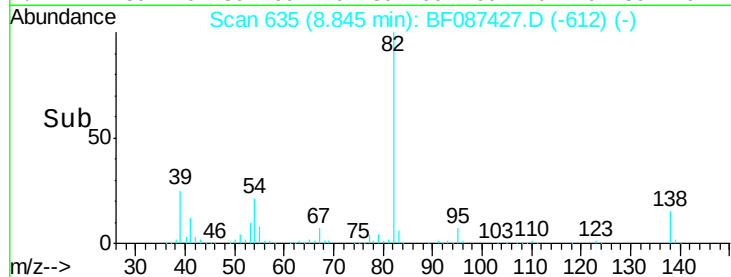
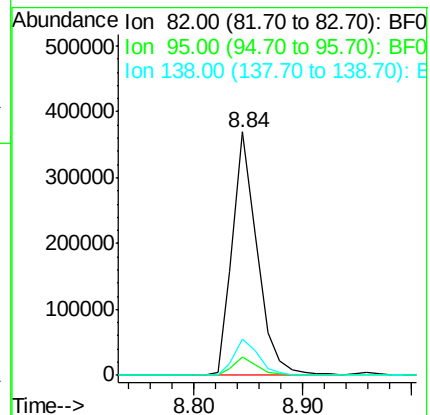
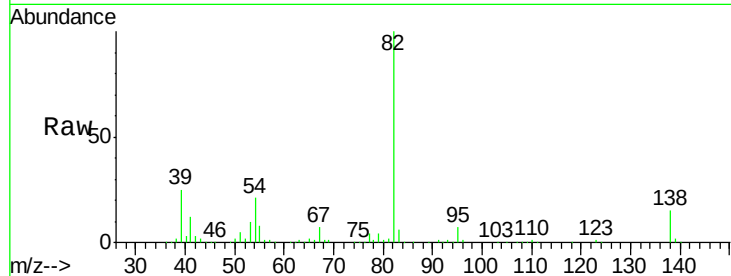
Tgt Ion: 82 Resp: 584887

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

138 15.1 12.4 18.6



#26

2-Nitrophenol

Concen: 41.66 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

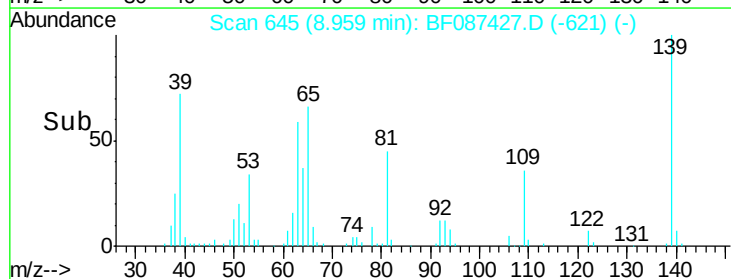
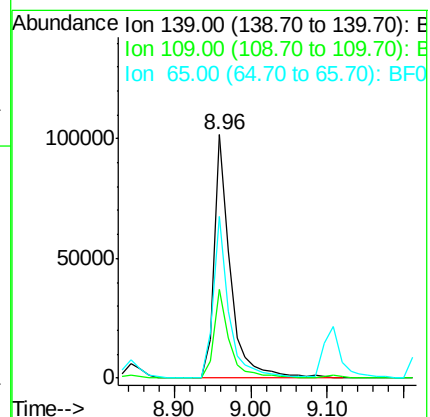
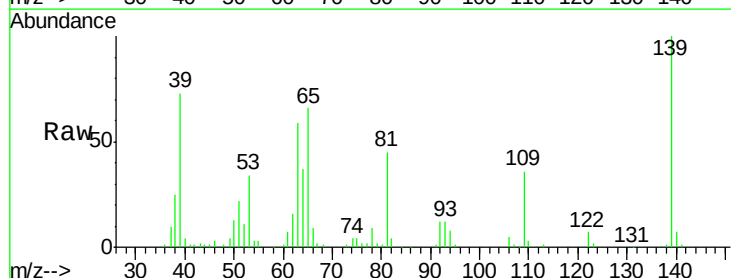
Tgt Ion: 139 Resp: 147636

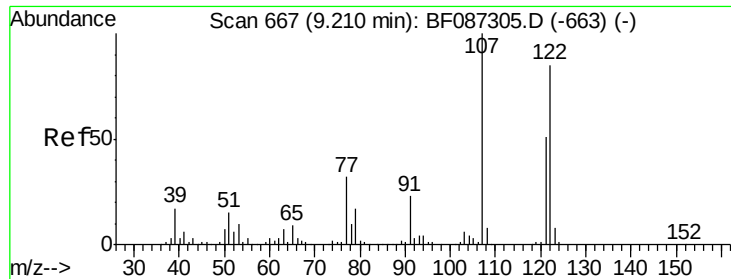
Ion Ratio Lower Upper

139 100

109 36.3 19.5 29.3#

65 66.3 37.5 56.3#

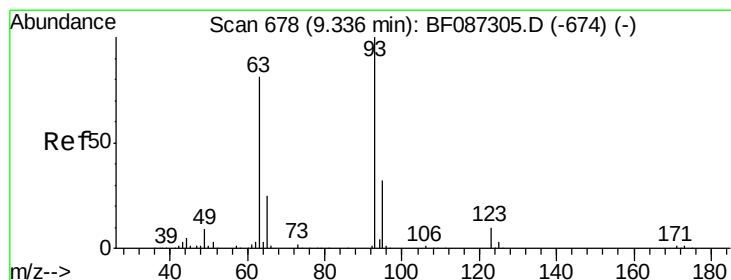
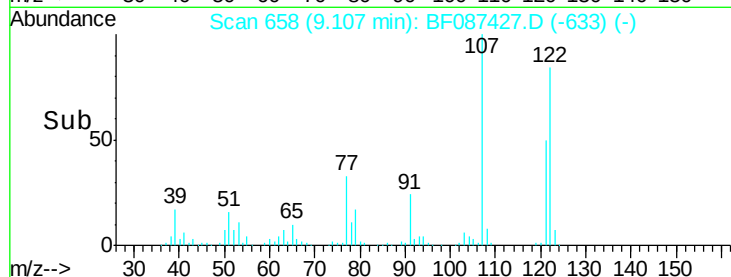
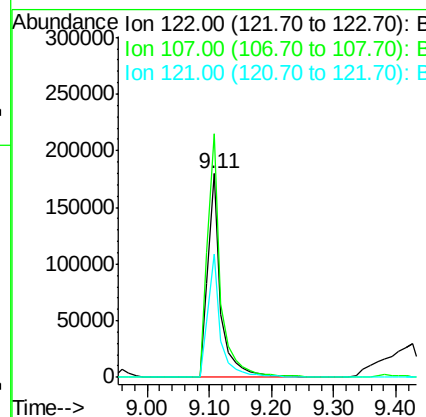
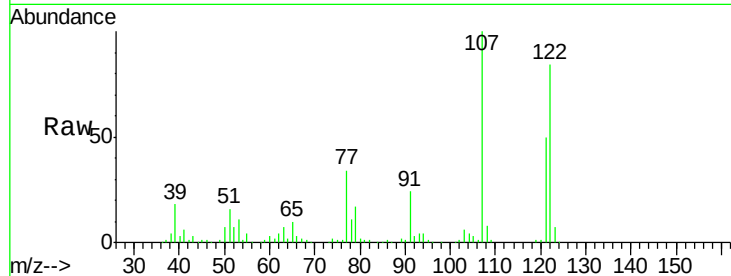




#27
 2,4-Dimethylphenol
 Concen: 42.44 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

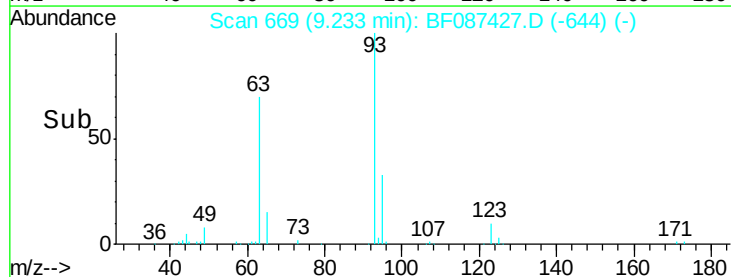
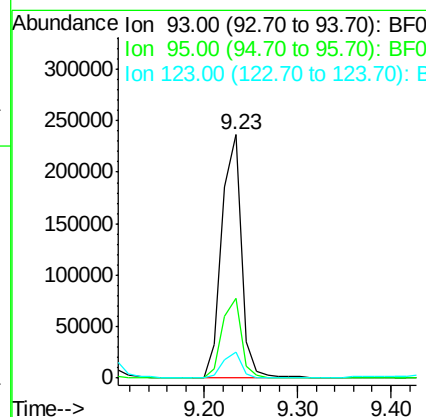
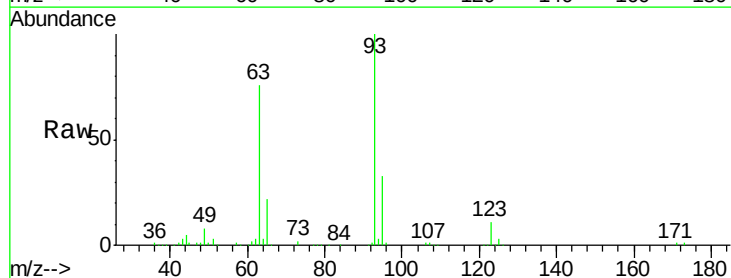
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

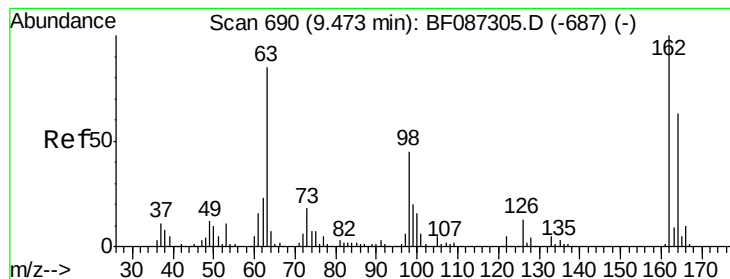
Tgt Ion: 122 Resp: 261084
 Ion Ratio Lower Upper
 122 100
 107 119.6 82.0 123.0
 121 60.3 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.91 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion: 93 Resp: 347721
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 10.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.60 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

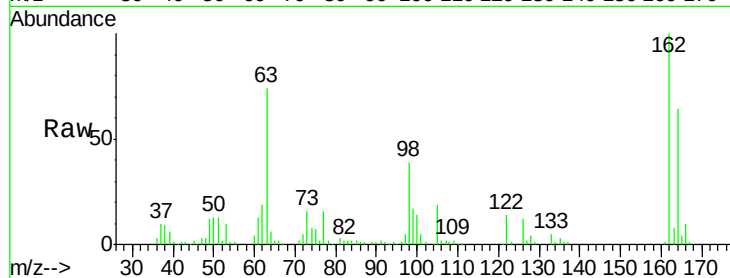
Tgt Ion:162 Resp: 236188

Ion Ratio Lower Upper

162 100

164 63.8 42.2 82.2

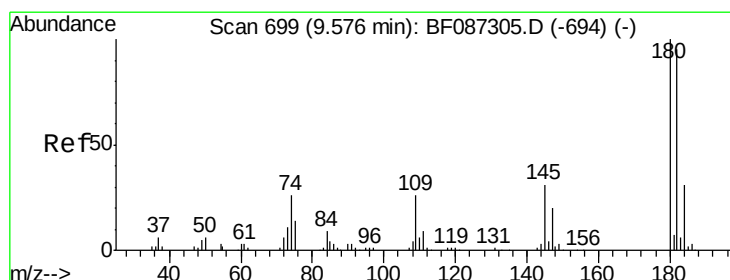
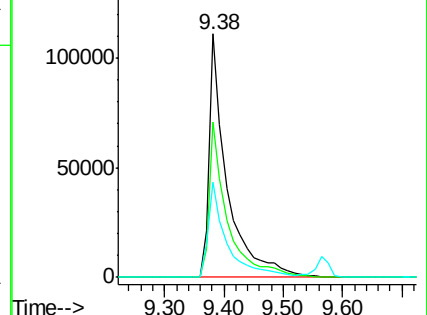
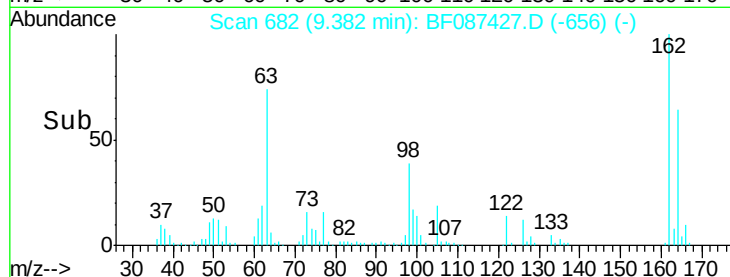
98 39.0 19.0 59.0



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: 39.79 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

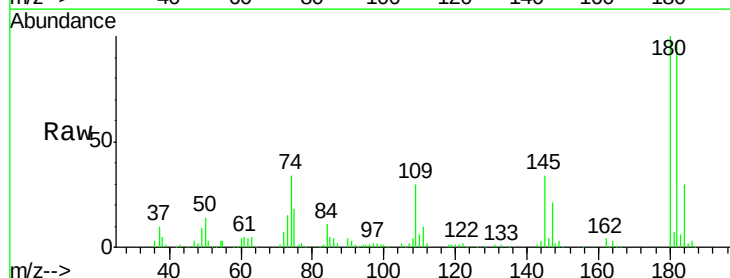
Tgt Ion:180 Resp: 252545

Ion Ratio Lower Upper

180 100

182 96.5 78.0 117.0

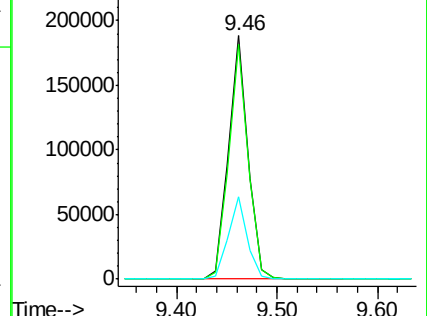
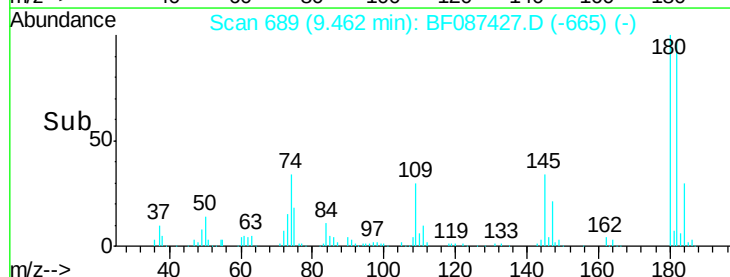
145 33.6 24.2 36.2

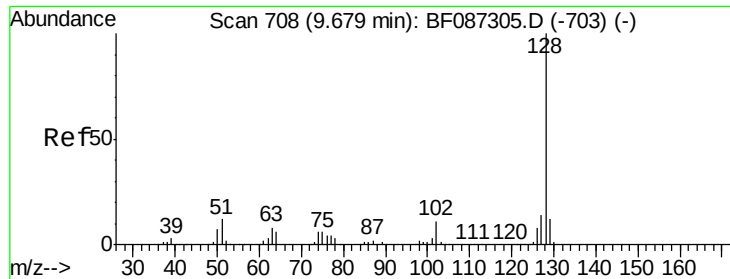


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

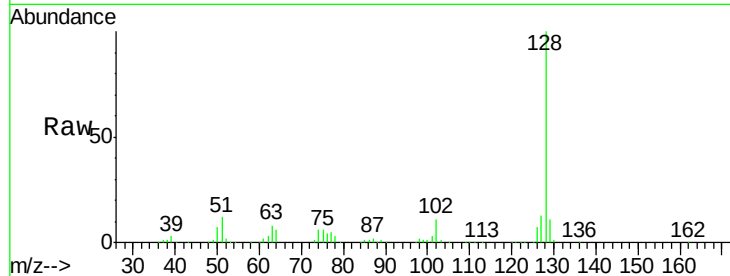




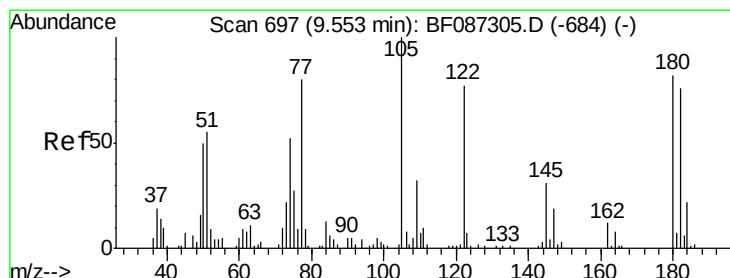
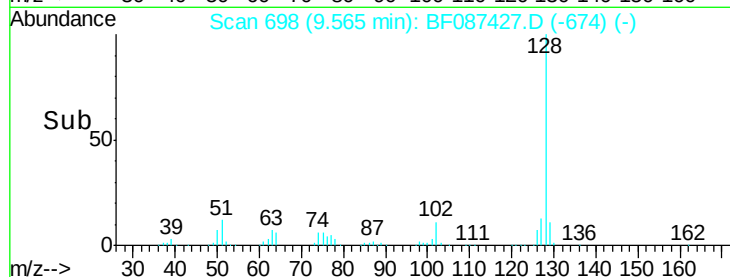
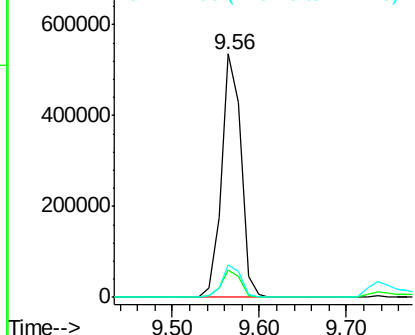
#31
Naphthalene
Concen: 40.30 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:128 Resp: 835865
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.8 16.2

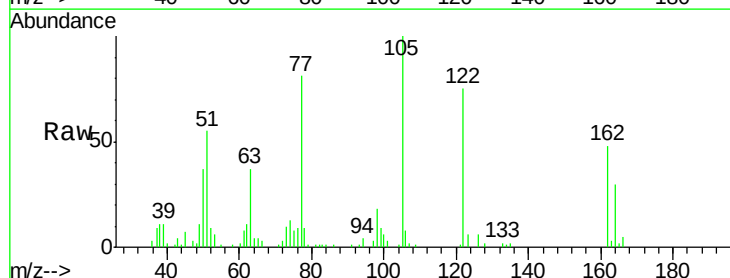


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

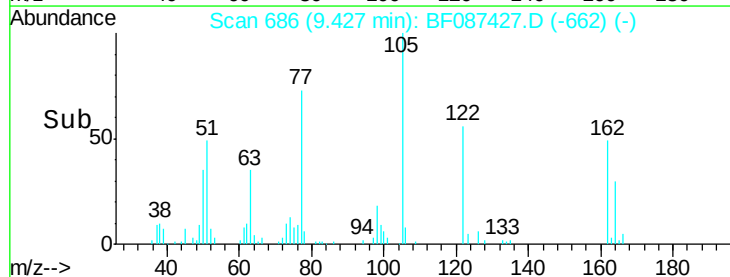
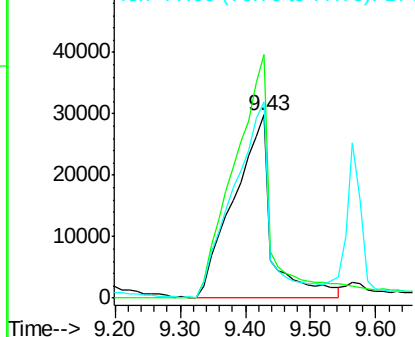


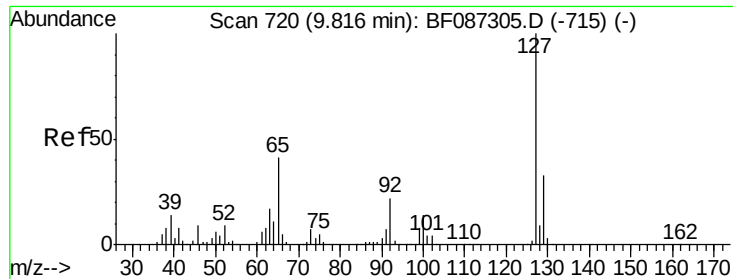
#32
Benzoic acid
Concen: 39.45 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:122 Resp: 121223
Ion Ratio Lower Upper
122 100
105 132.8 92.6 132.6#
77 106.9 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

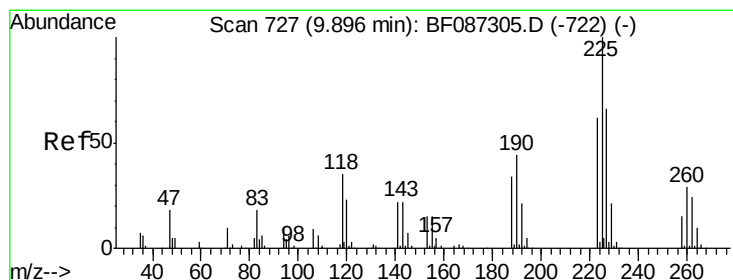
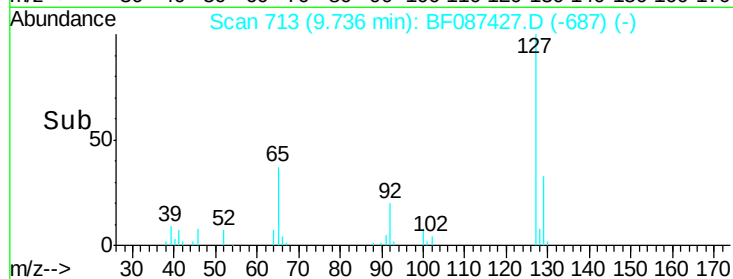
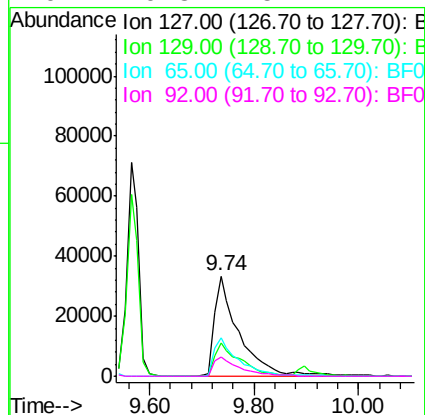
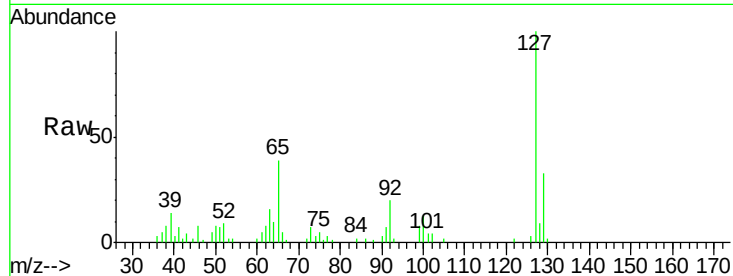




#33
4-Chloroaniline
Concen: 14.32 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

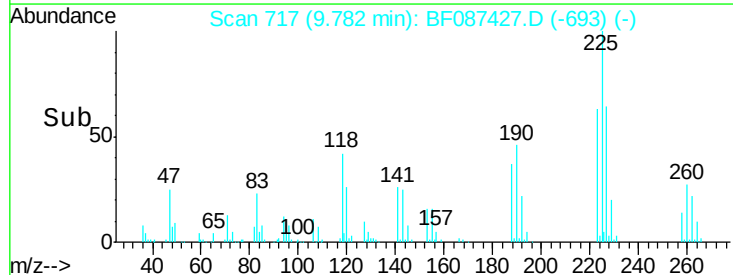
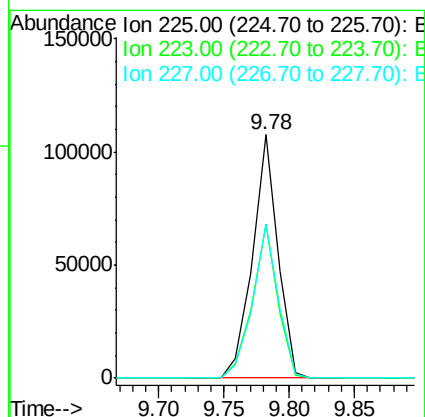
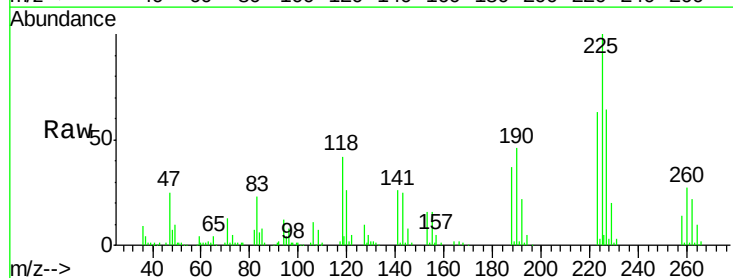
Instrument :
BNA_F
ClientSampleId :
PB90852BS

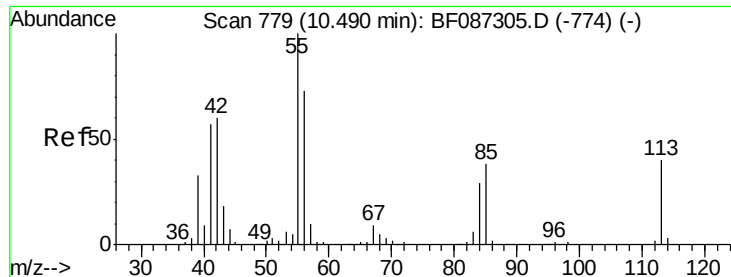
Tgt Ion:	127	Resp:	109406
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.2	39.4
65	38.7	23.0	34.4
92	19.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 37.75 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:	225	Resp:	145650
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.5	77.3
227	63.5	52.2	78.2

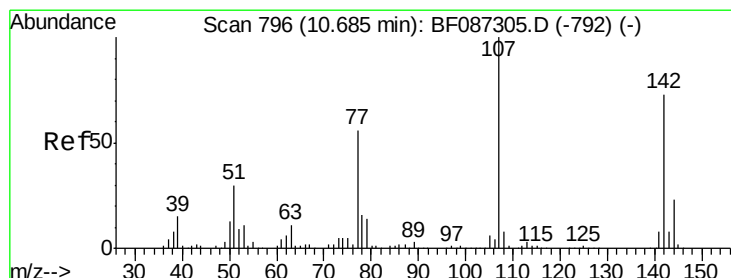
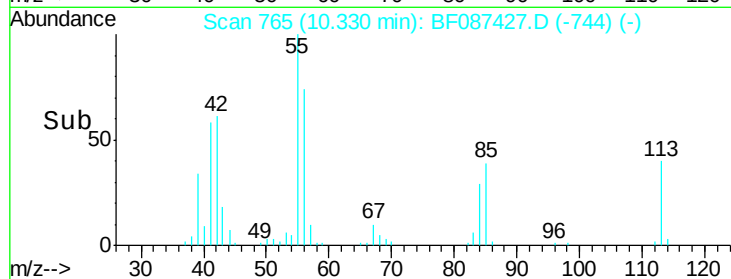
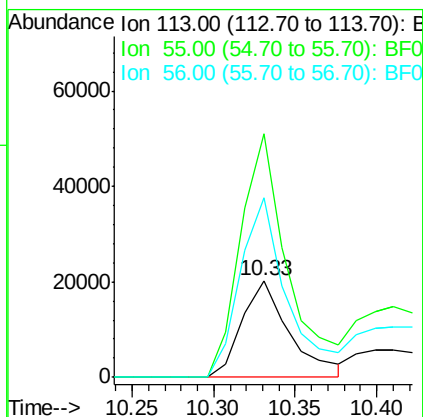
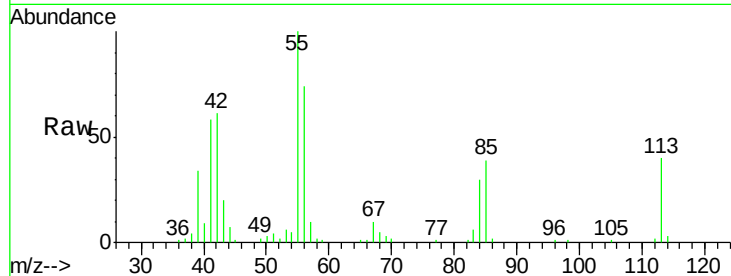




#35
 Caprolactam
 Concen: 25.57 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.06 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

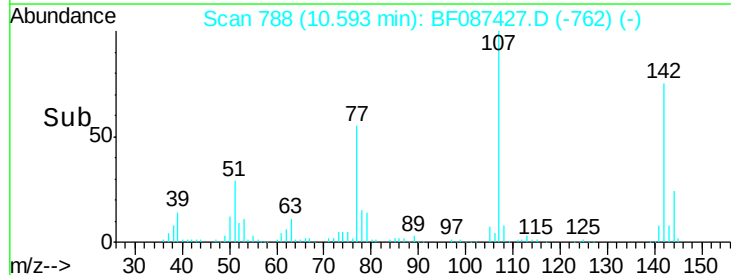
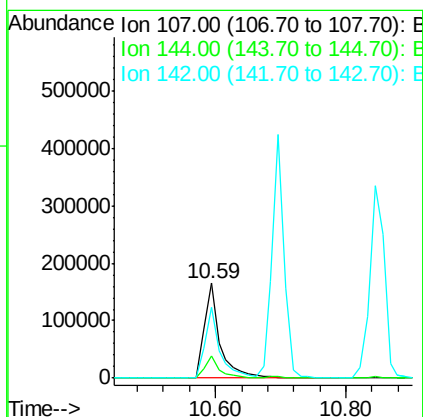
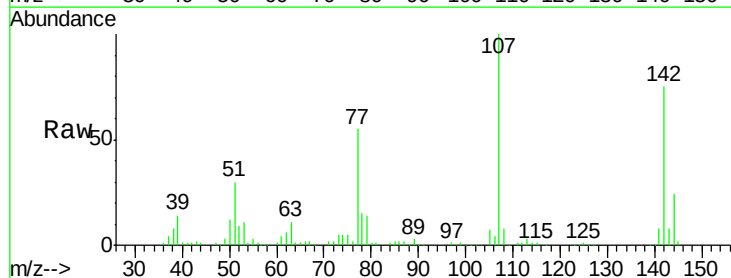
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

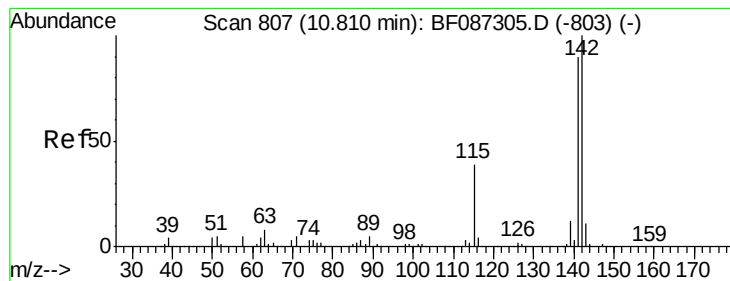
Tgt Ion:113 Resp: 41385
 Ion Ratio Lower Upper
 113 100
 55 251.0 162.0 202.0#
 56 185.7 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 43.97 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:107 Resp: 275627
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.7 31.1
 142 75.5 63.2 94.8





#37

2-Methylnaphthalene

Concen: 41.89 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

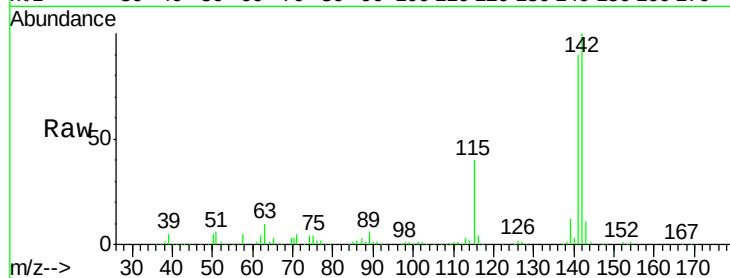
Tgt Ion:142 Resp: 542860

Ion Ratio Lower Upper

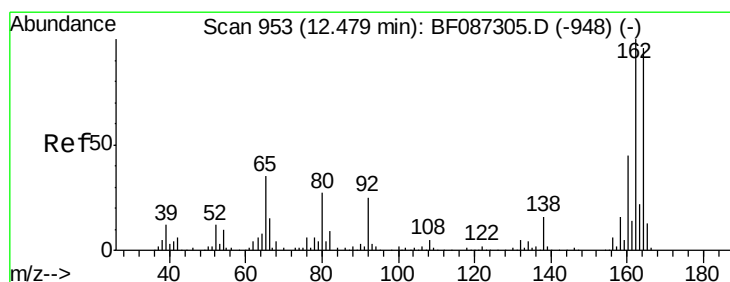
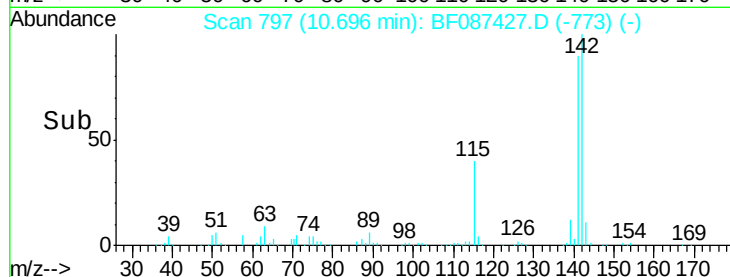
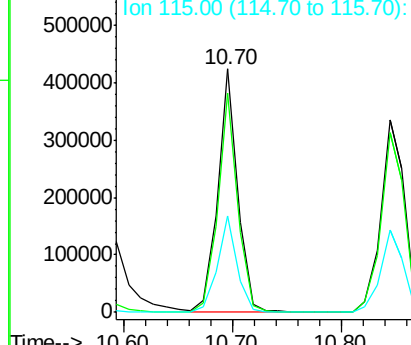
142 100

141 90.0 71.0 106.6

115 39.8 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: BF087427.D

Acq: 27 May 2016 1:52

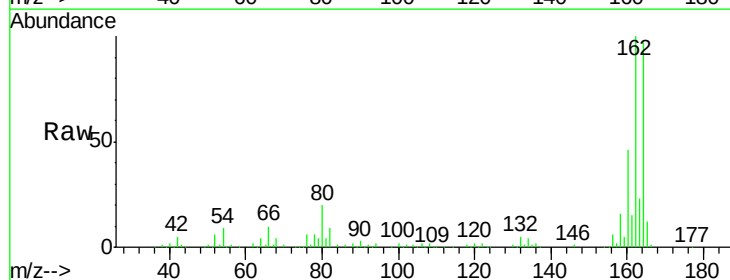
Tgt Ion:164 Resp: 192970

Ion Ratio Lower Upper

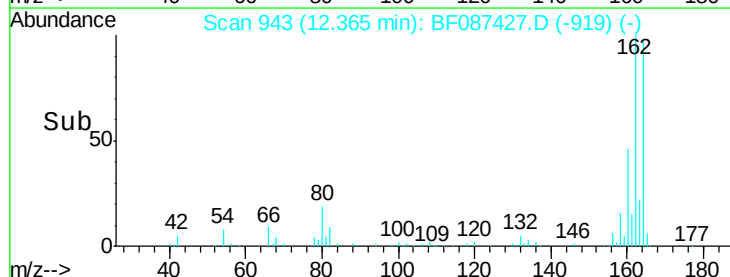
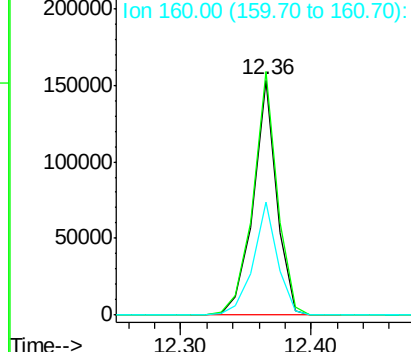
164 100

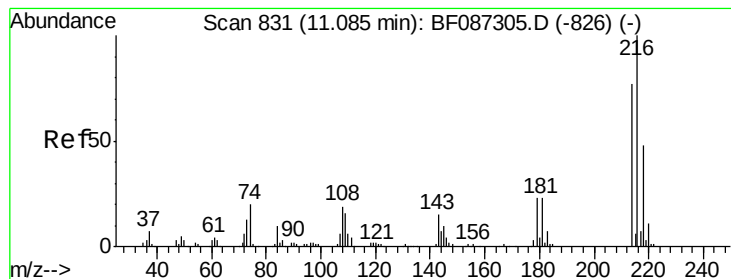
162 103.5 82.8 124.2

160 48.0 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: 37.94 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tgt Ion:216 Resp: 234328

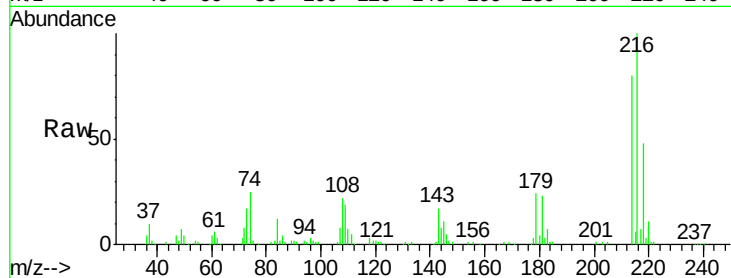
Ion Ratio Lower Upper

216 100

214 80.2 62.6 93.8

179 23.8 18.2 27.4

108 24.3 17.5 26.3

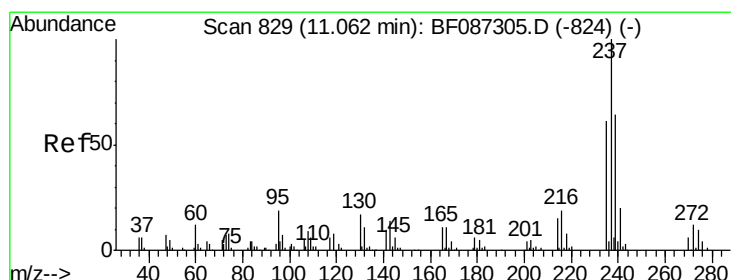
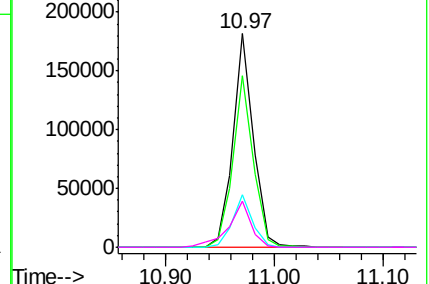
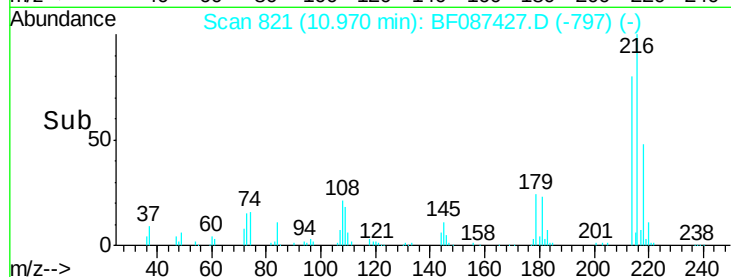


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.45 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

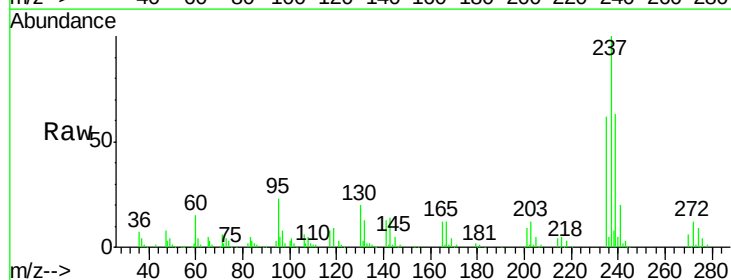
Tgt Ion:237 Resp: 170058

Ion Ratio Lower Upper

237 100

235 62.0 47.2 87.2

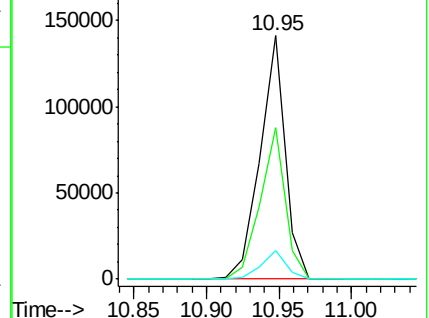
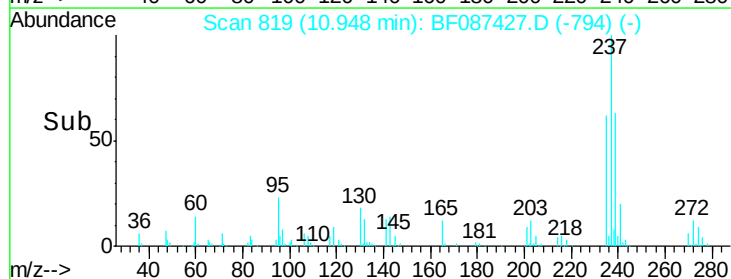
272 11.8 0.0 31.1

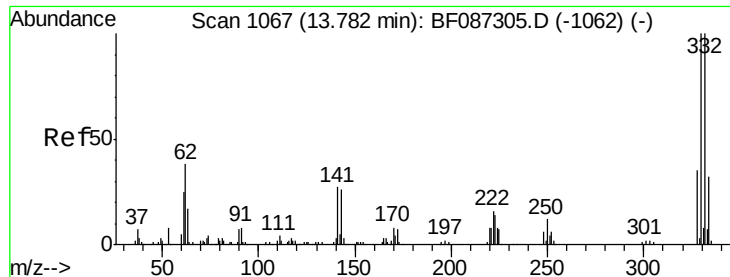


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

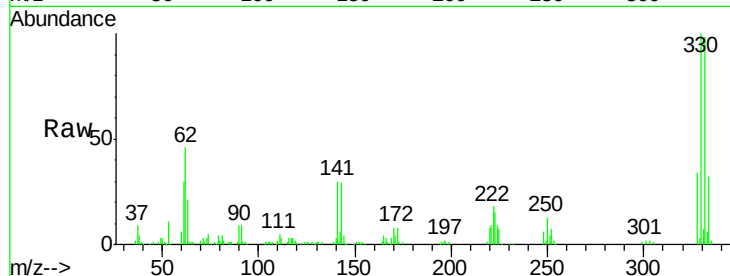




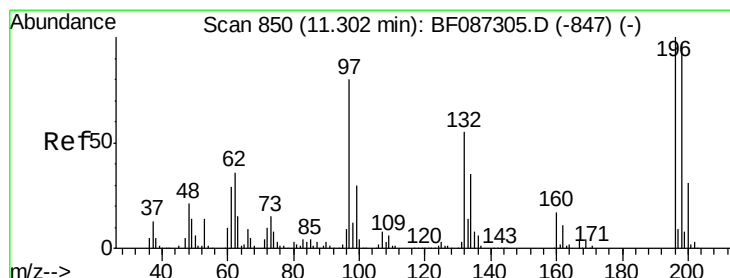
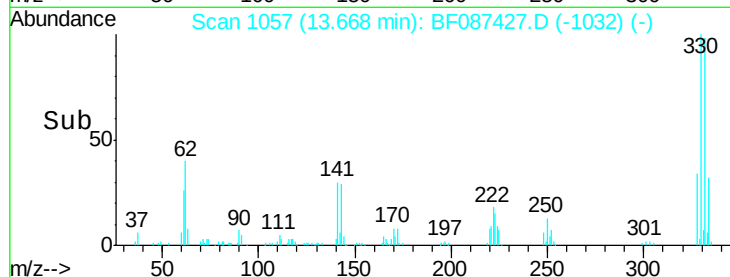
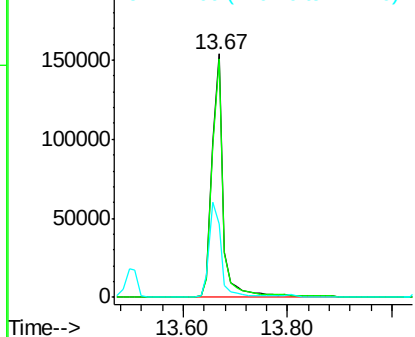
#41
 2,4,6-Tribromophenol
 Concen: 124.55 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	42.3	31.2	46.8

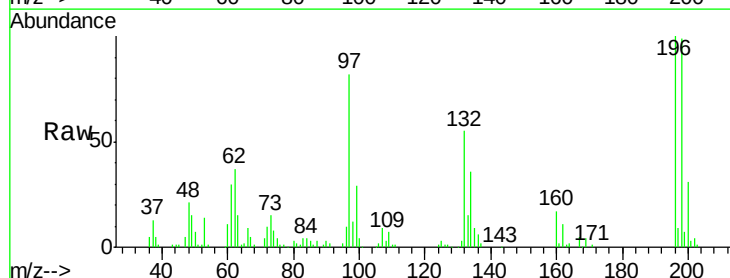


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

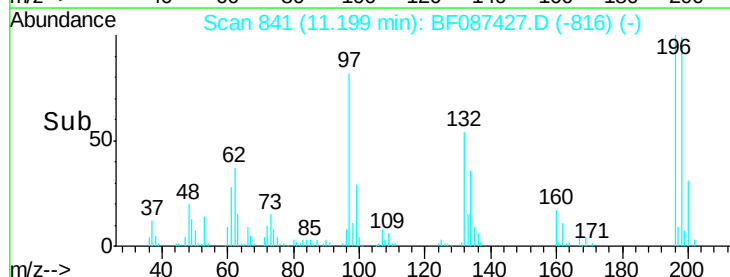
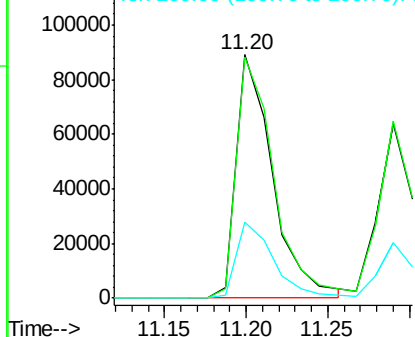


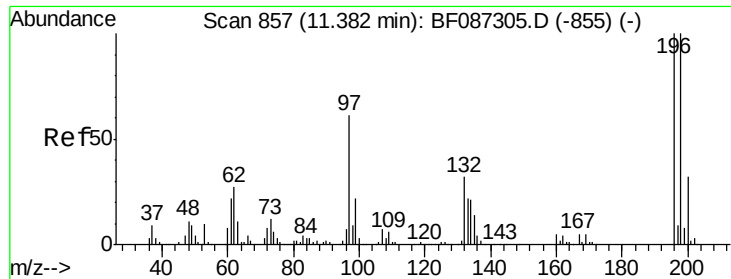
#42
 2,4,6-Trichlorophenol
 Concen: 38.50 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.7	112.1
200	31.0	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

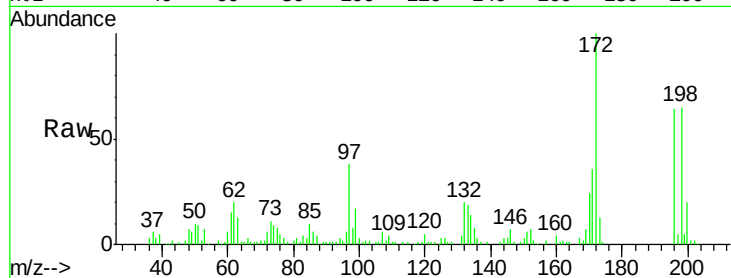




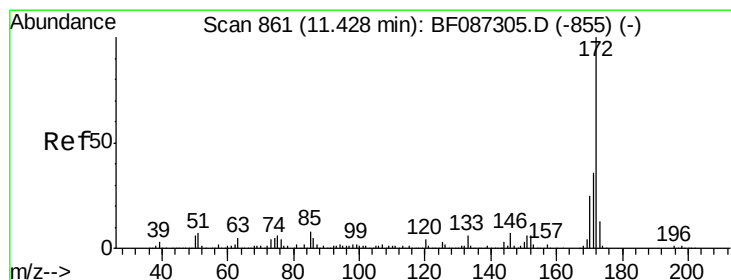
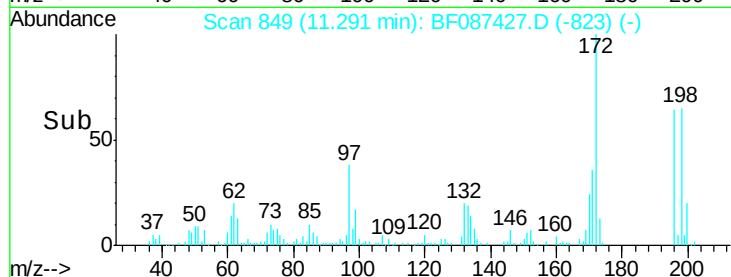
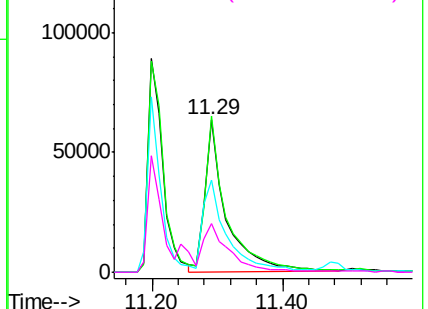
#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampled :
 PB90852BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	77.5	116.3
97	60.3	34.8	52.2
132	31.6	23.0	34.4

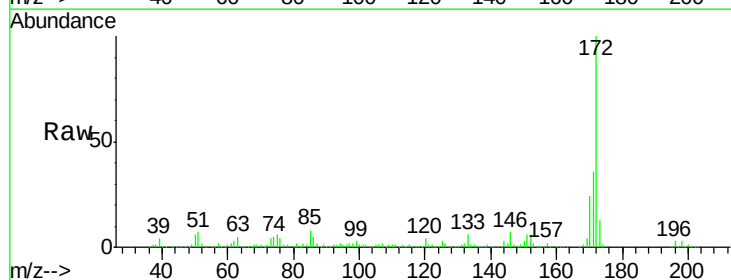


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

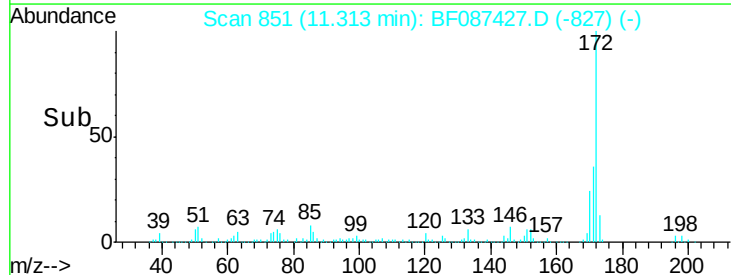
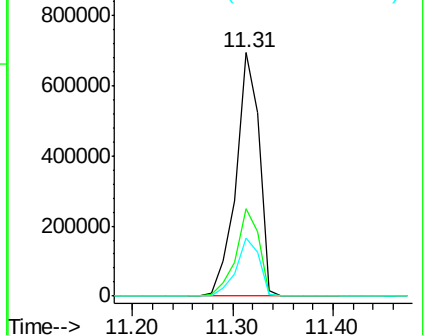


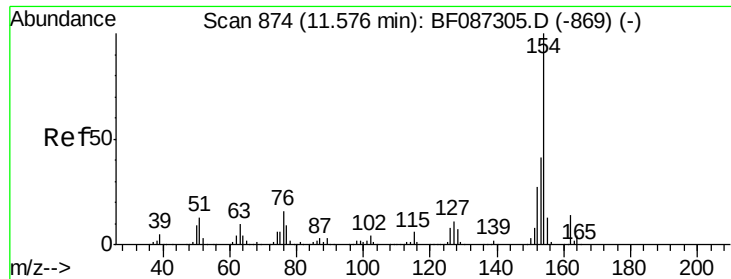
#44
 2-Fluorobiphenyl
 Concen: 81.07 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.1	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: 41.17 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

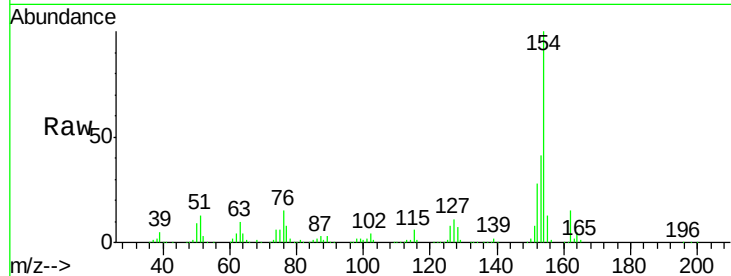
Tgt Ion:154 Resp: 668928

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

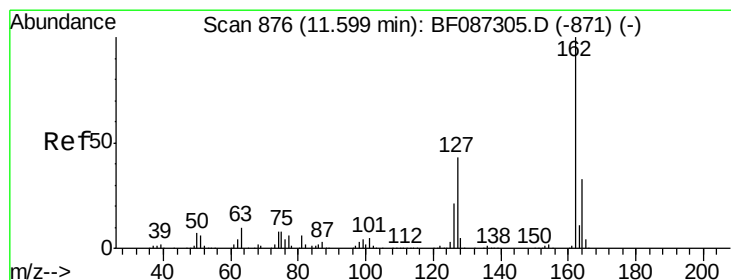
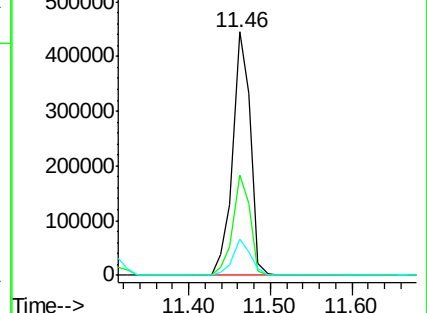
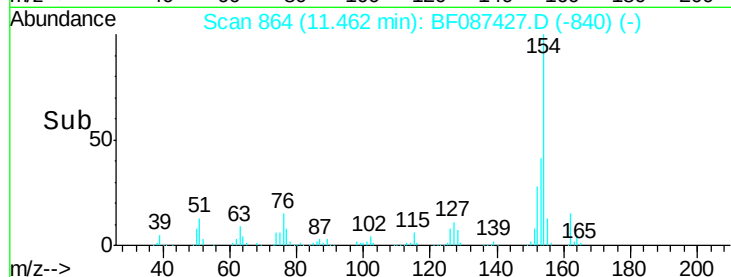
76 14.8 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.43 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

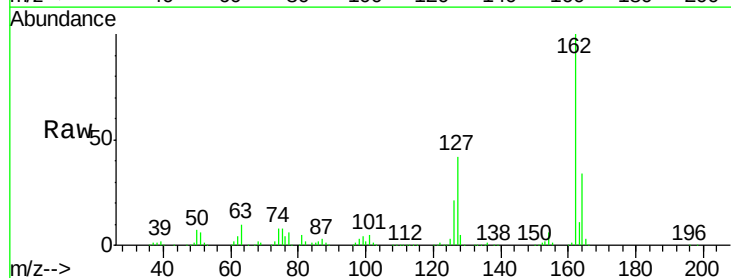
Tgt Ion:162 Resp: 502518

Ion Ratio Lower Upper

162 100

127 42.5 31.8 47.6

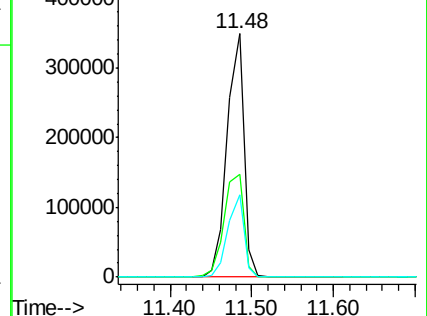
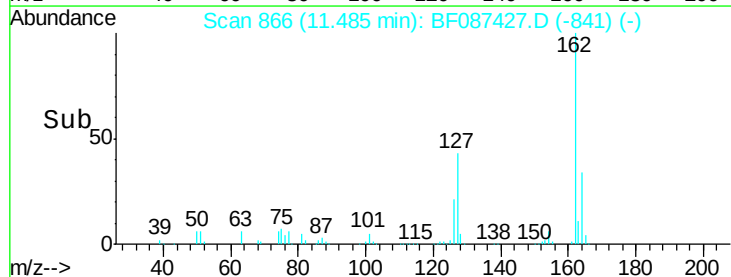
164 33.6 27.0 40.6

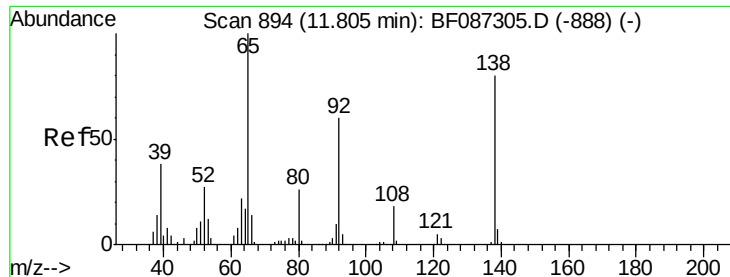


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

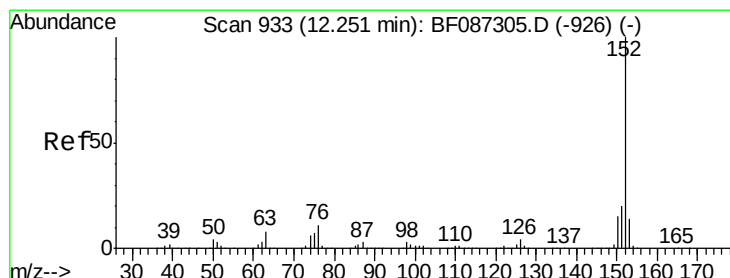
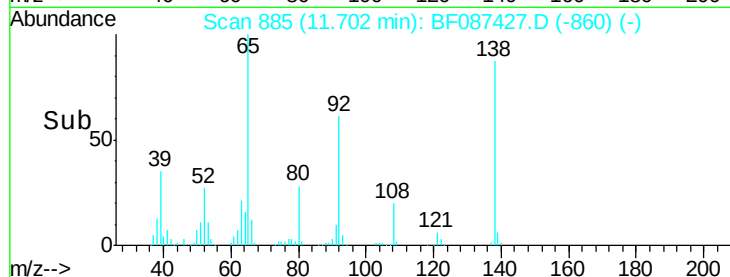
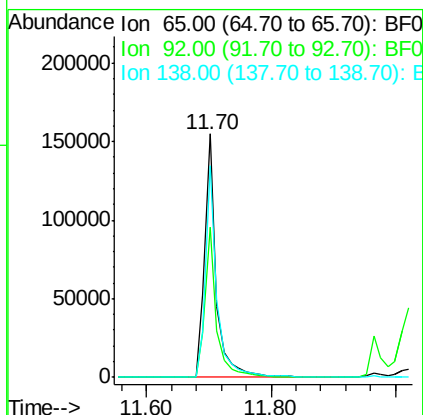
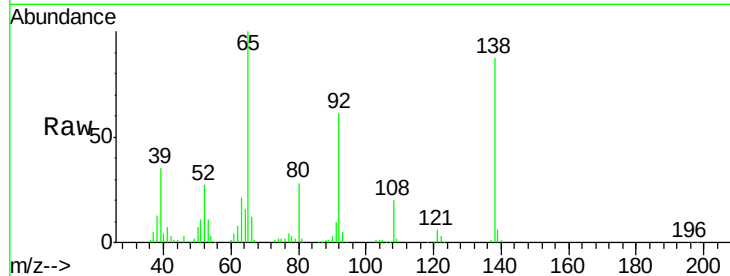




#47
2-Nitroaniline
Concen: 45.53 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

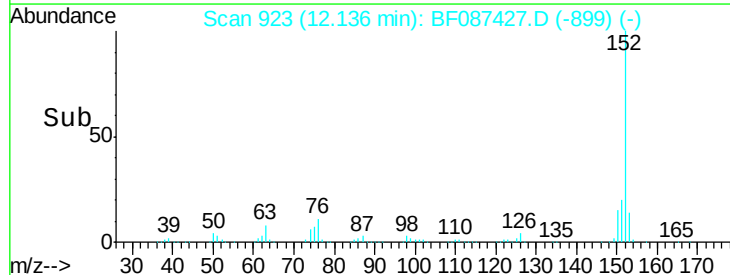
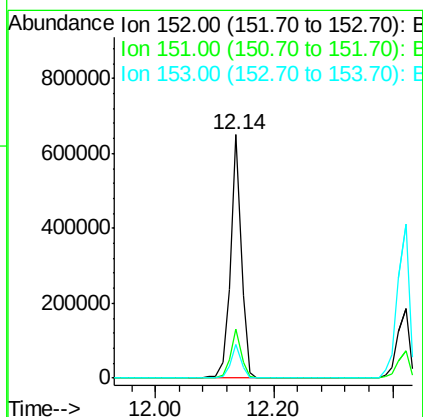
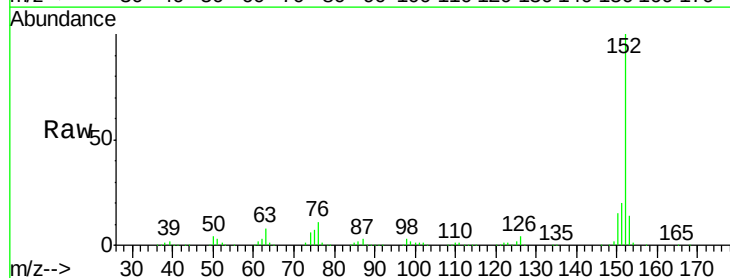
Instrument :
BNA_F
ClientSampleId :
PB90852BS

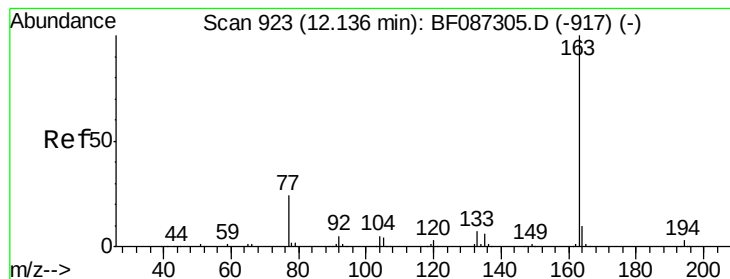
Tgt Ion: 65 Resp: 203878
Ion Ratio Lower Upper
65 100
92 61.5 57.4 86.2
138 86.7 90.1 135.1#



#48
Acenaphthylene
Concen: 41.09 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion: 152 Resp: 808543
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 40.50 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

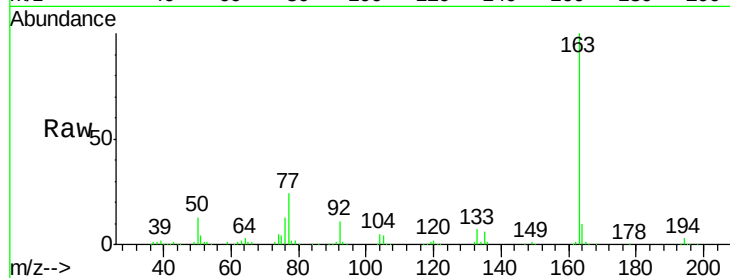
Tgt Ion:163 Resp: 625986

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

164 10.1 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

12.02

500000

400000

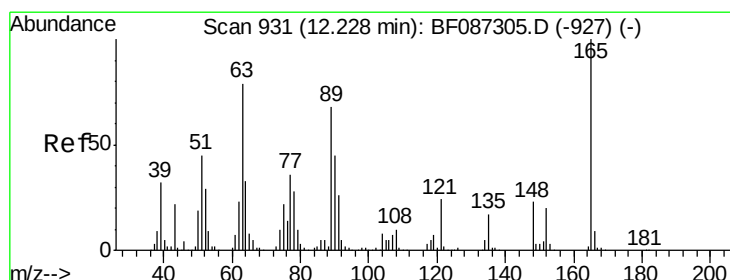
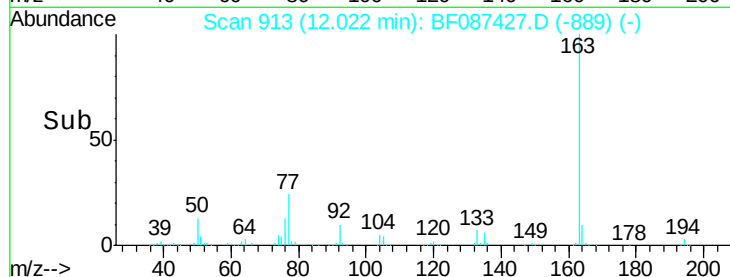
300000

200000

100000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 42.53 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

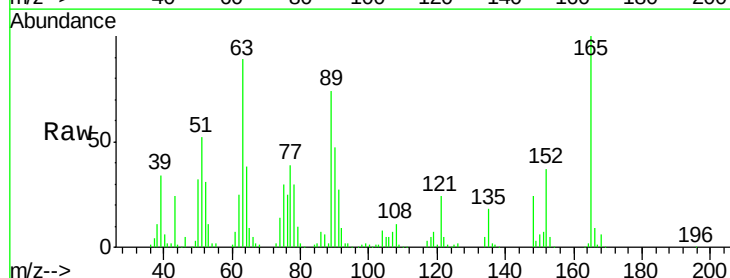
Tgt Ion:165 Resp: 132481

Ion Ratio Lower Upper

165 100

63 89.0 51.8 77.8#

89 73.7 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

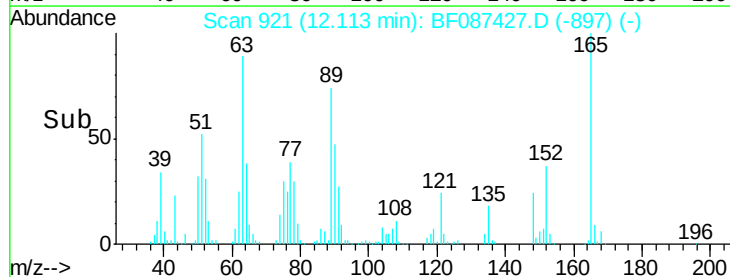
150000

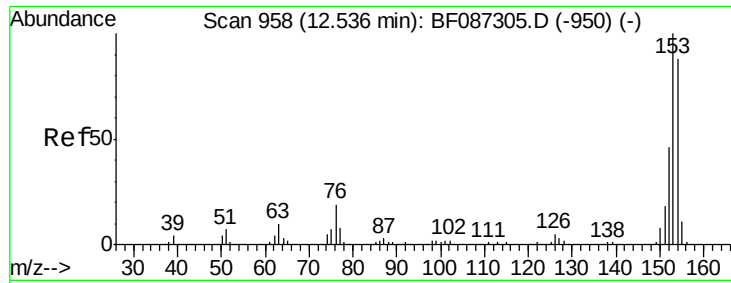
100000

50000

0

Time-->

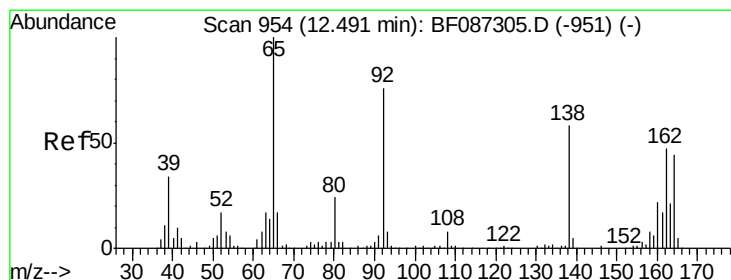
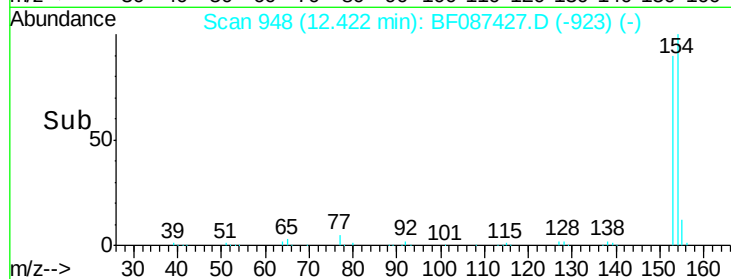
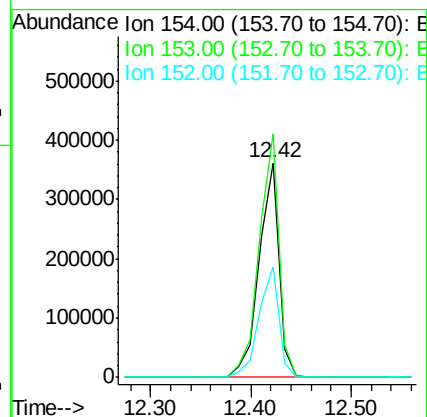
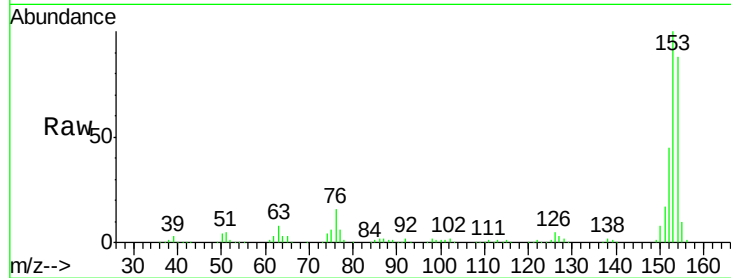




#51
Acenaphthene
Concen: 41.26 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

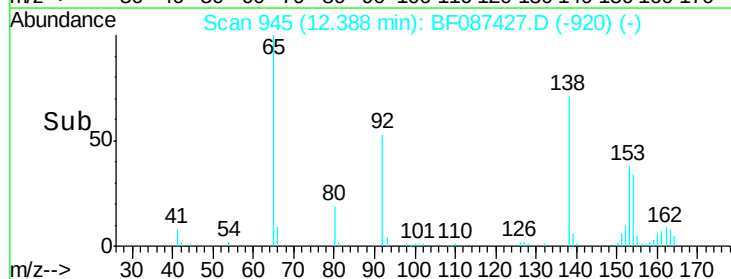
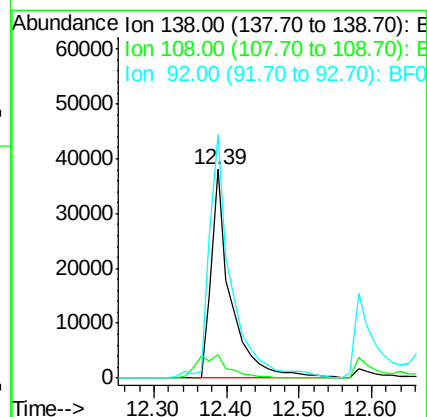
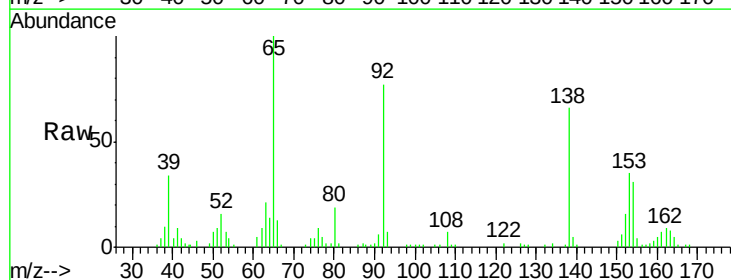
Instrument :
BNA_F
ClientSampleId :
PB90852BS

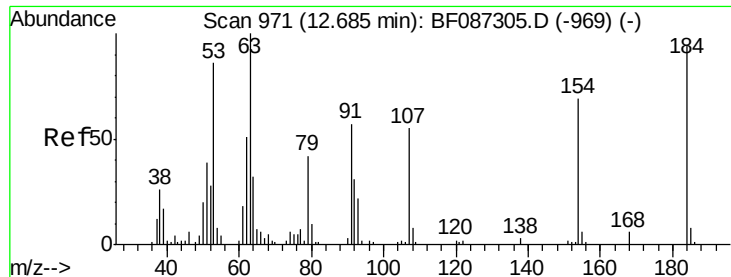
Tgt Ion:154 Resp: 499088
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 51.2 43.4 65.0



#52
3-Nitroaniline
Concen: 22.13 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:138 Resp: 70732
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.6
92 116.8 87.8 131.8

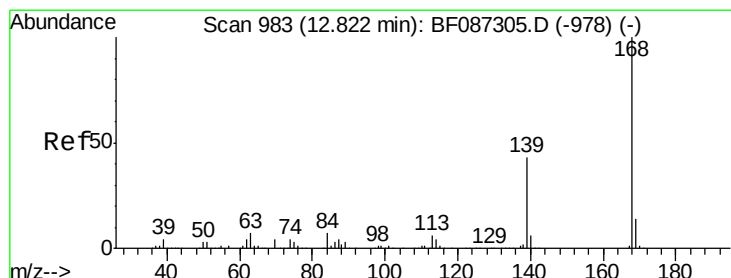
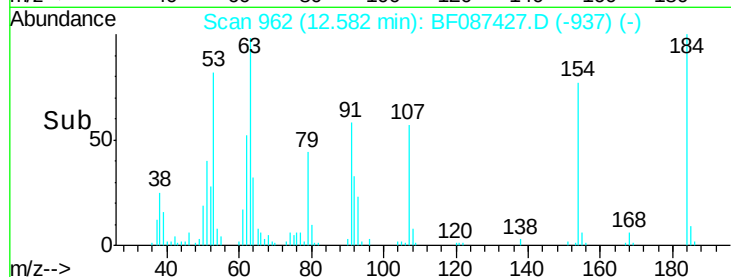
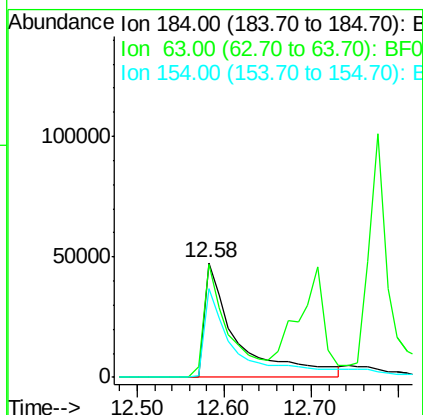
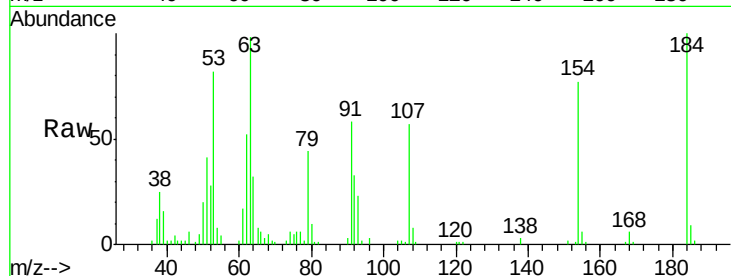




#53
2,4-Dinitrophenol
Concen: 77.32 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

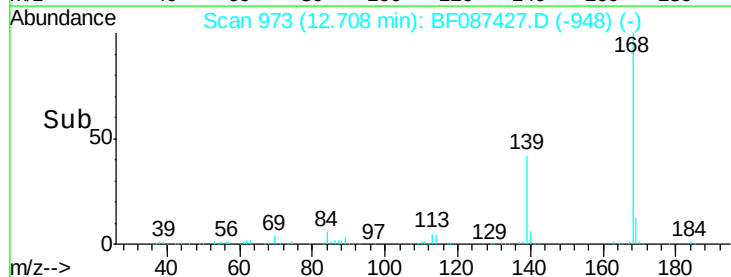
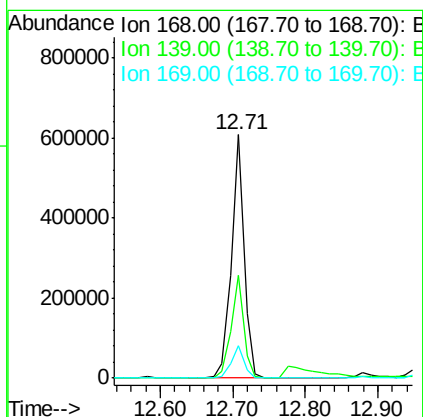
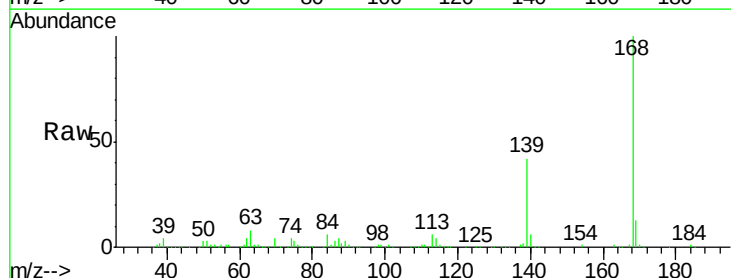
Instrument :
BNA_F
ClientSampleId :
PB90852BS

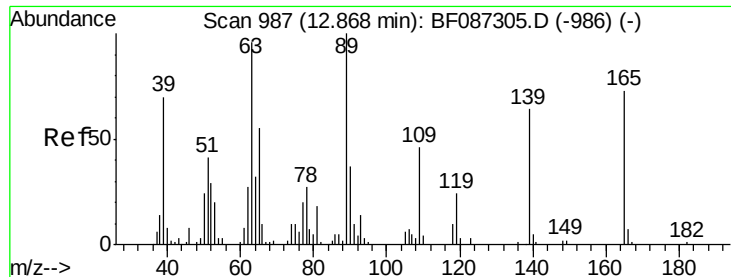
Tgt Ion:184 Resp: 122882
Ion Ratio Lower Upper
184 100
63 98.1 55.8 83.8#
154 77.3 62.4 93.6



#54
Dibenzofuran
Concen: 45.13 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:168 Resp: 739106
Ion Ratio Lower Upper
168 100
139 42.3 31.4 47.0
169 13.2 10.7 16.1

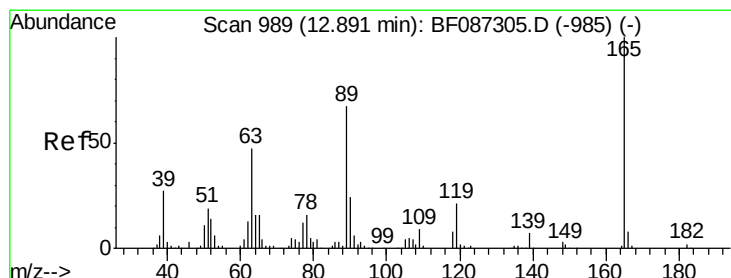
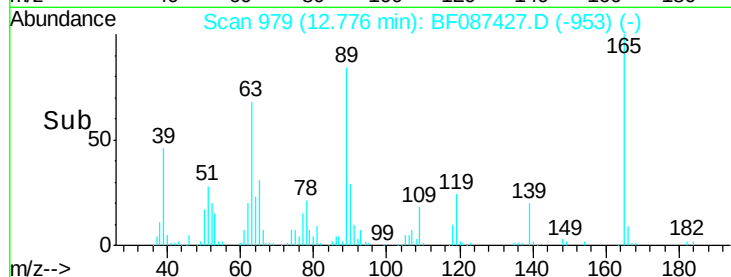
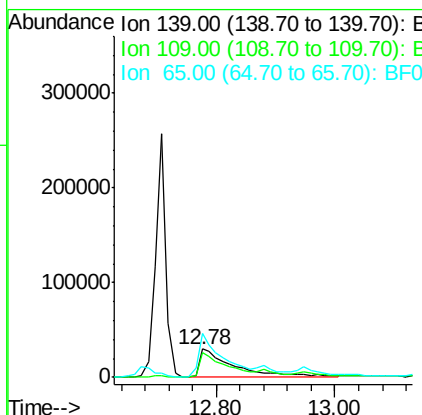
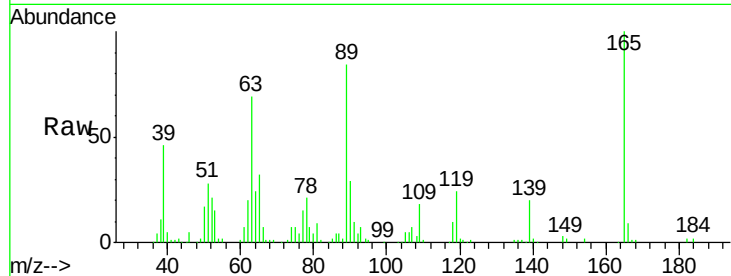




#55
4-Nitrophenol
Concen: 75.97 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

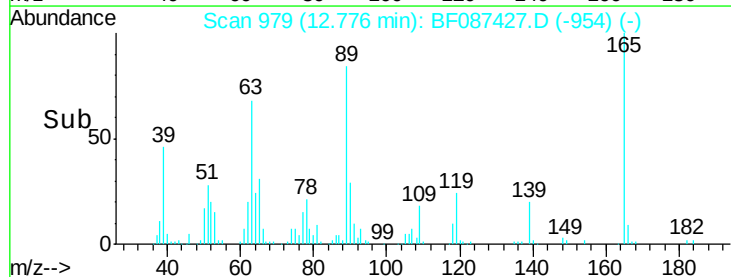
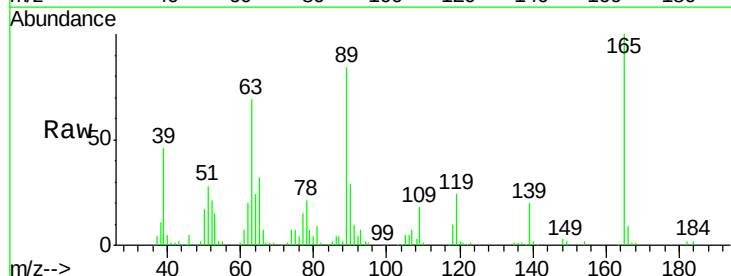
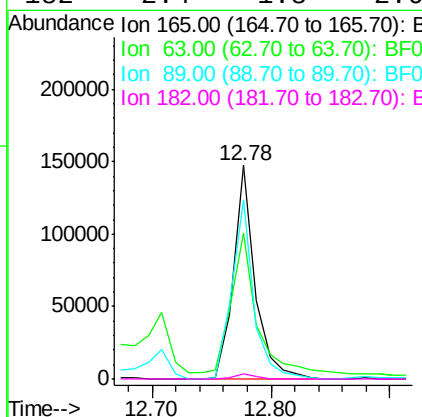
Instrument :
BNA_F
ClientSampleId :
PB90852BS

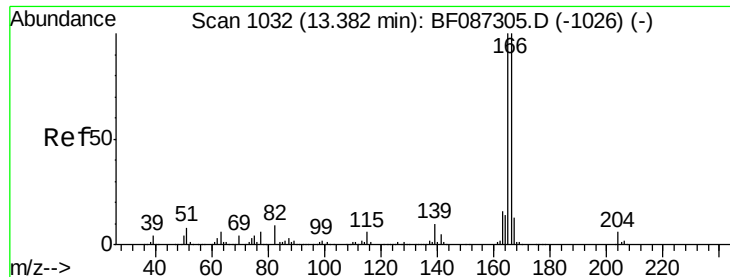
Tgt Ion:139 Resp: 115846
Ion Ratio Lower Upper
139 100
109 90.5 36.9 76.9#
65 158.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 44.85 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:165 Resp: 186693
Ion Ratio Lower Upper
165 100
63 68.5 44.3 66.5#
89 83.9 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 42.10 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

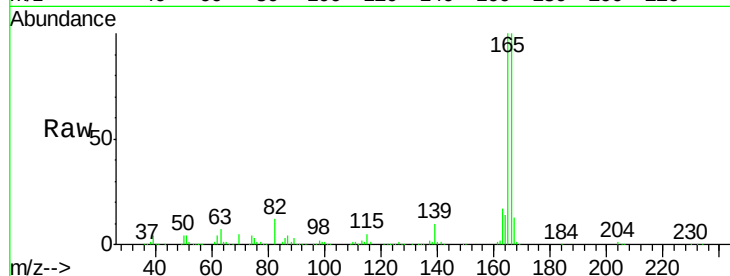
Tgt Ion:166 Resp: 597768

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

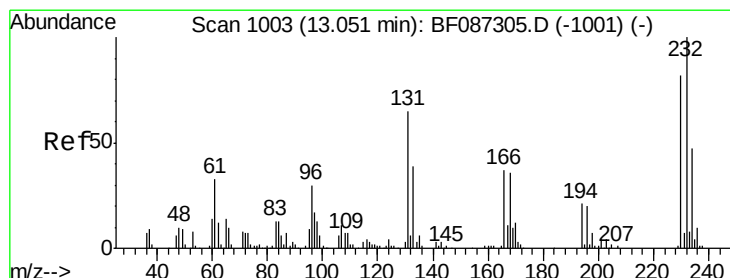
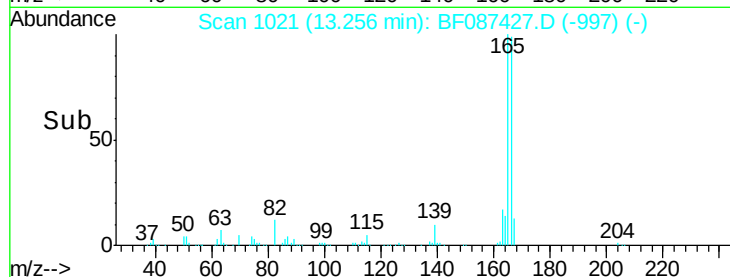
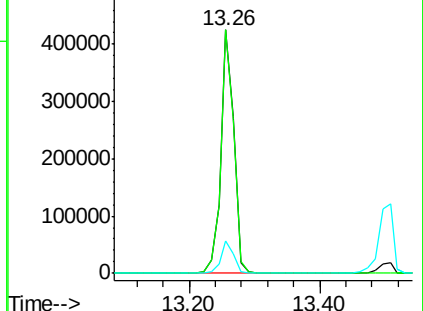
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.79 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion:232 Resp: 127902

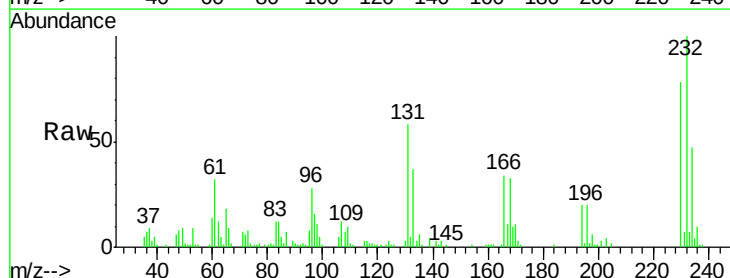
Ion Ratio Lower Upper

232 100

131 53.9 41.9 62.9

130 2.8 2.2 3.4

166 32.2 26.8 40.2

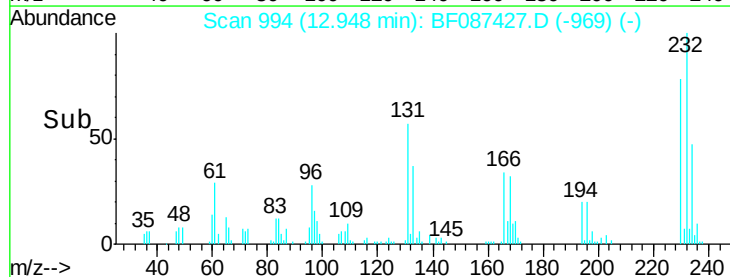
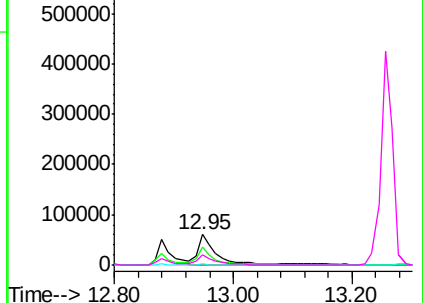


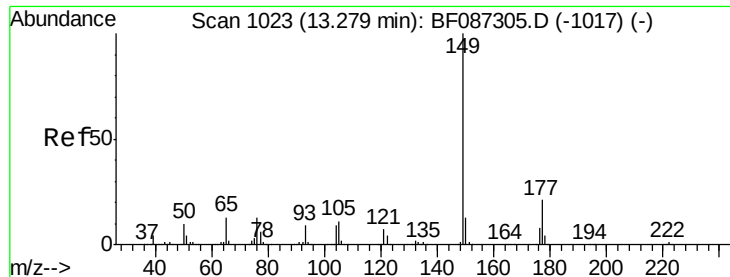
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

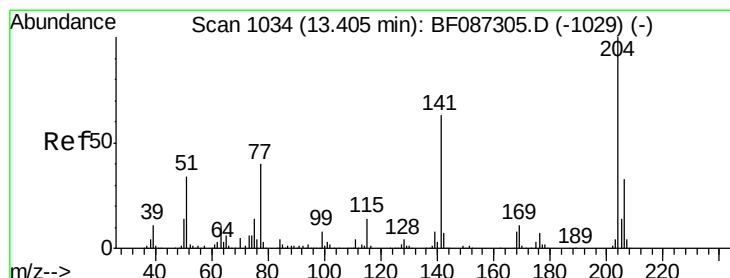
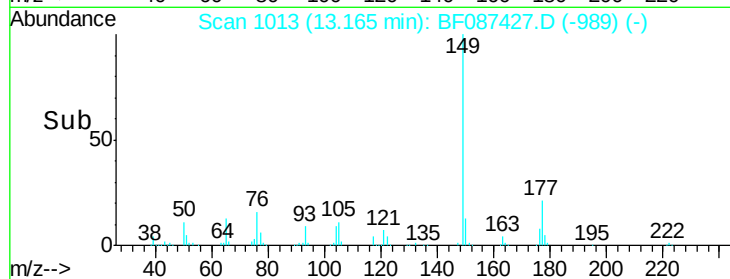
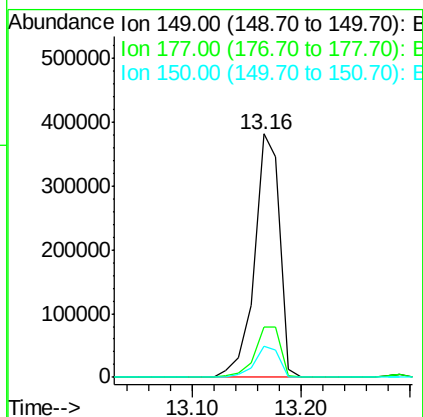
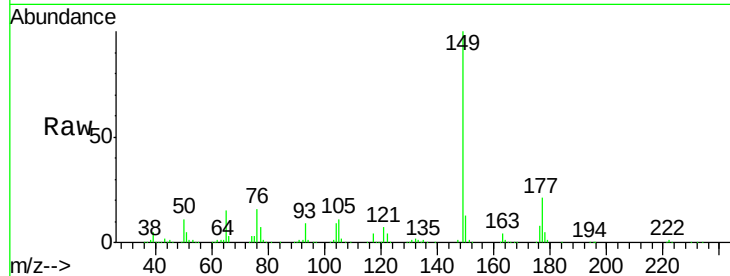




#59
Diethylphthalate
Concen: 41.04 ng
RT: 13.16 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

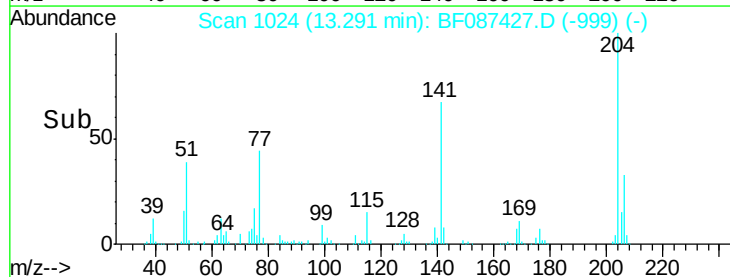
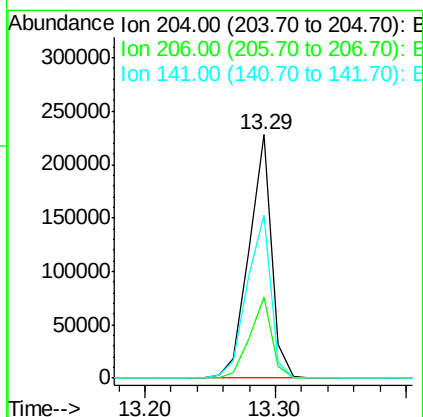
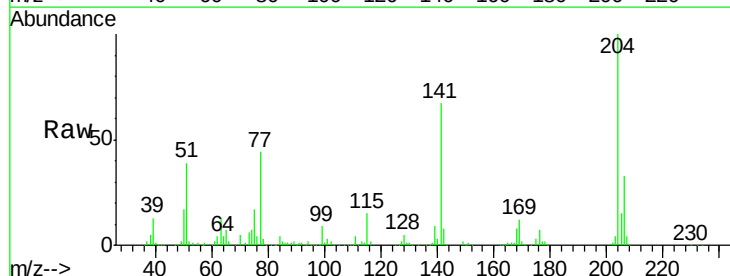
Instrument :
BNA_F
ClientSampleId :
PB90852BS

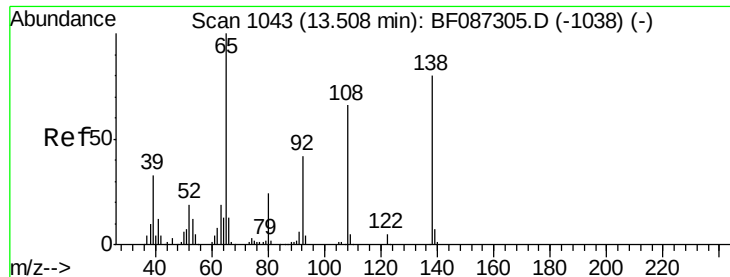
Tgt Ion:149 Resp: 616823
Ion Ratio Lower Upper
149 100
177 20.6 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 39.64 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:204 Resp: 274510
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 66.8 61.6 92.4

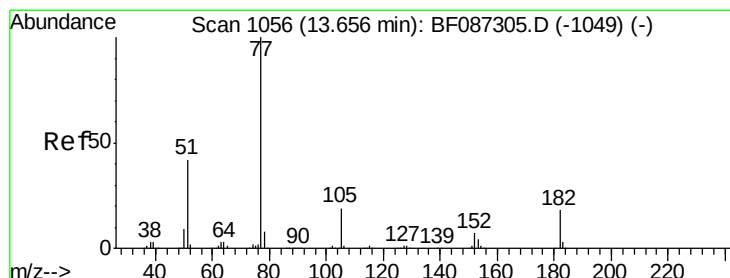
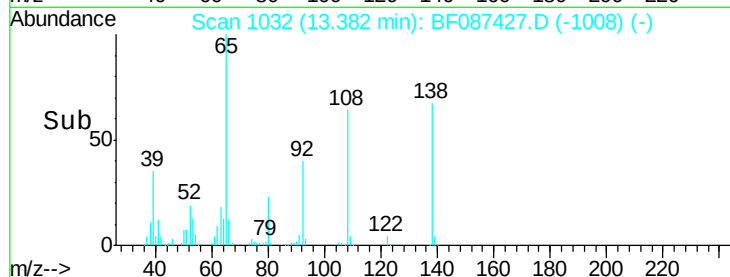
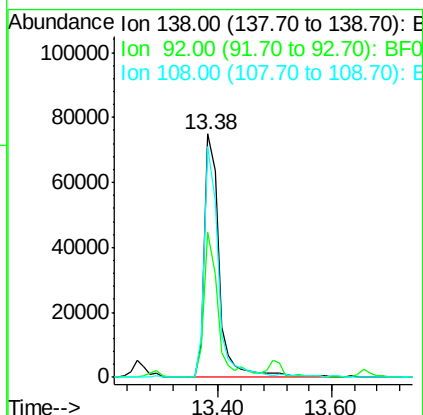
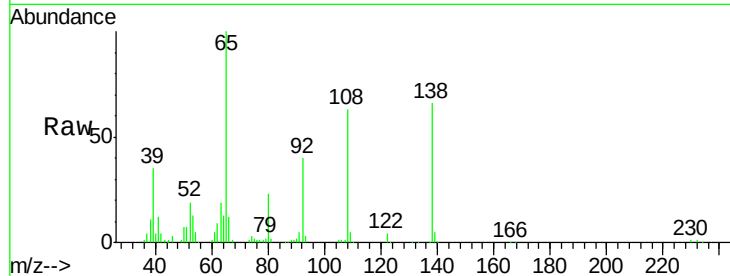




#61
4-Nitroaniline
Concen: 43.82 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

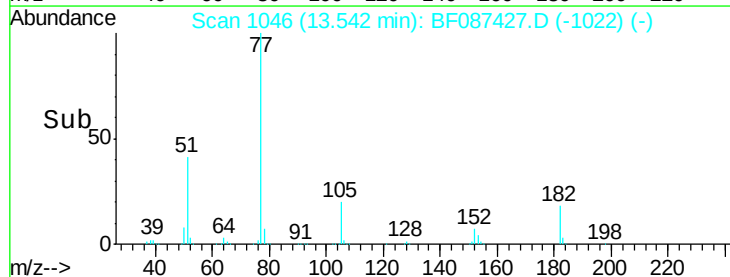
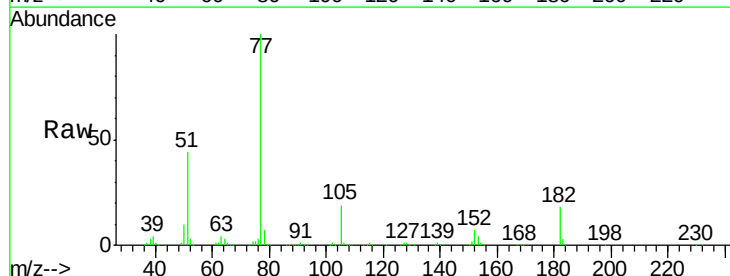
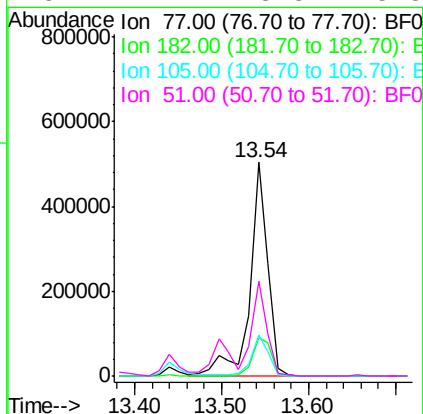
Instrument :
BNA_F
ClientSampleId :
PB90852BS

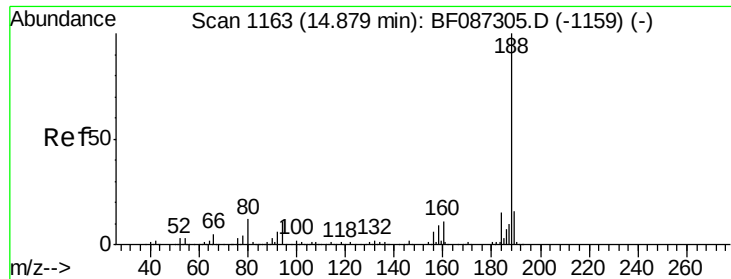
Tgt Ion:138 Resp: 130752
Ion Ratio Lower Upper
138 100
92 59.8 24.7 64.7
108 94.7 37.4 77.4#



#62
Azobenzene
Concen: 46.62 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion: 77 Resp: 726804
Ion Ratio Lower Upper
77 100
182 17.8 0.0 38.8
105 19.1 3.2 43.2
51 44.2 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

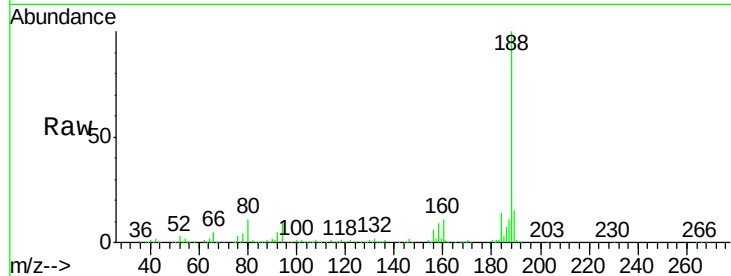
Tgt Ion:188 Resp: 376079

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

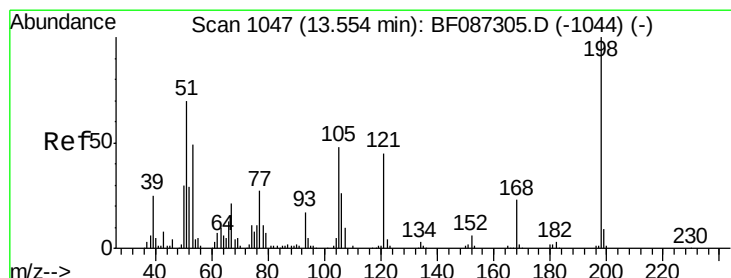
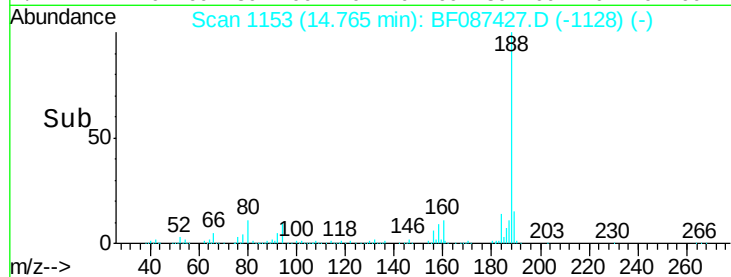
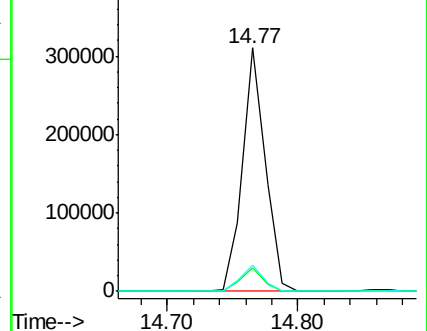
80 10.8 7.1 10.7#



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: 40.45 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

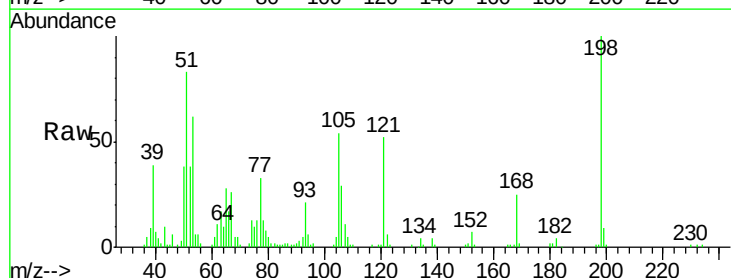
Tgt Ion:198 Resp: 96738

Ion Ratio Lower Upper

198 100

51 82.7 20.5 60.5#

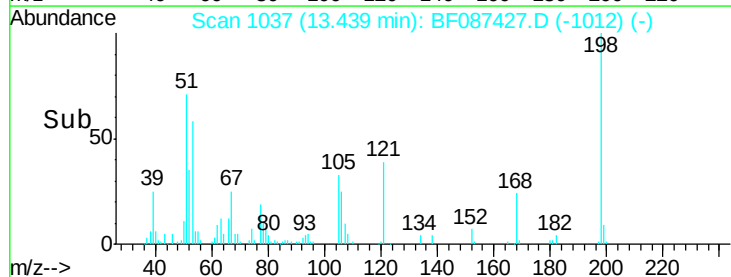
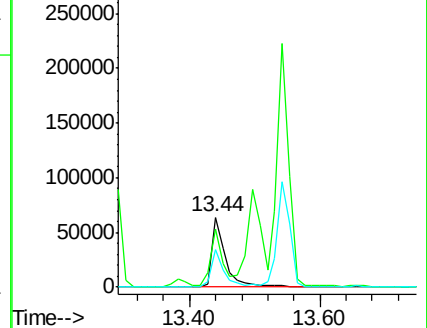
105 54.3 24.5 64.5

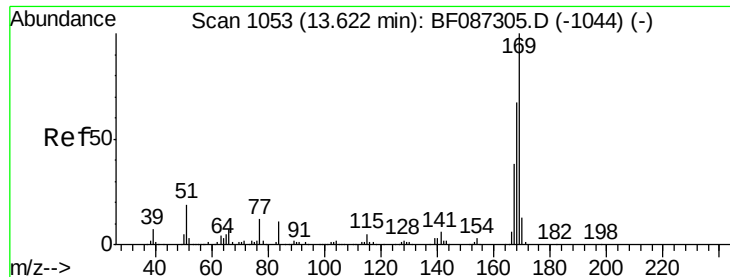


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.01 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

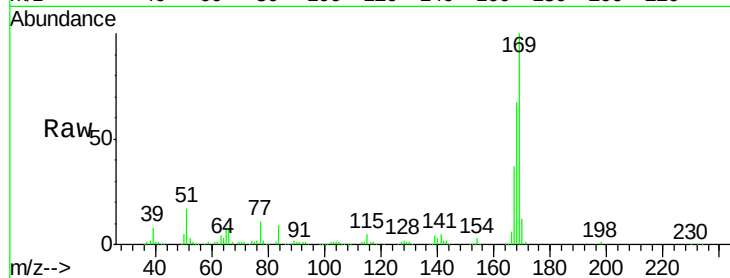
Tgt Ion:169 Resp: 510974

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

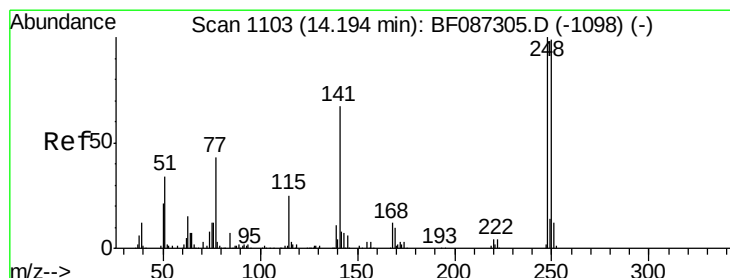
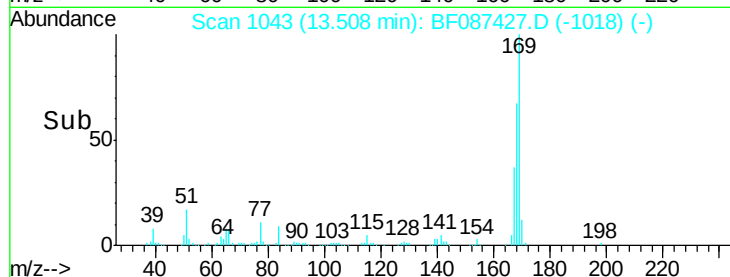
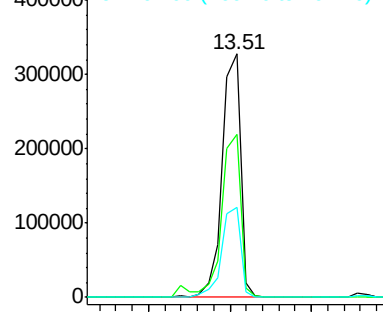
167 36.9 29.5 44.3



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: 39.53 ng

RT: 14.07 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

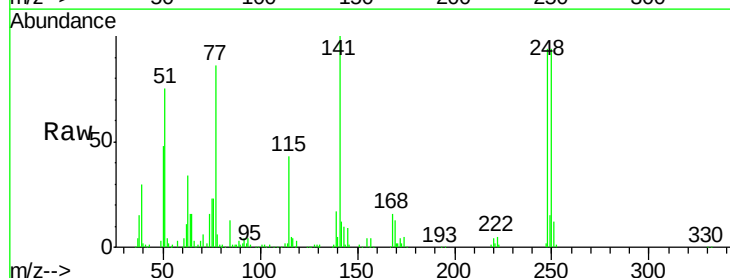
Tgt Ion:248 Resp: 162621

Ion Ratio Lower Upper

248 100

250 99.5 78.6 117.8

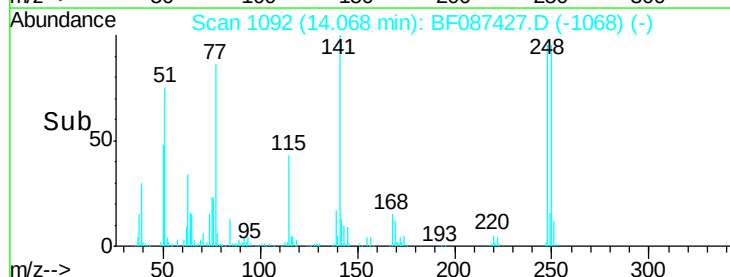
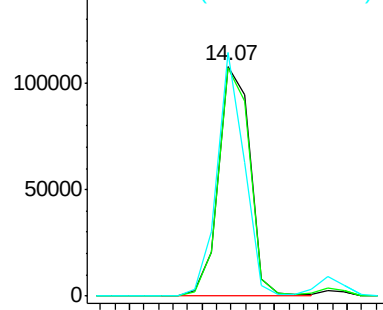
141 105.9 76.0 114.0

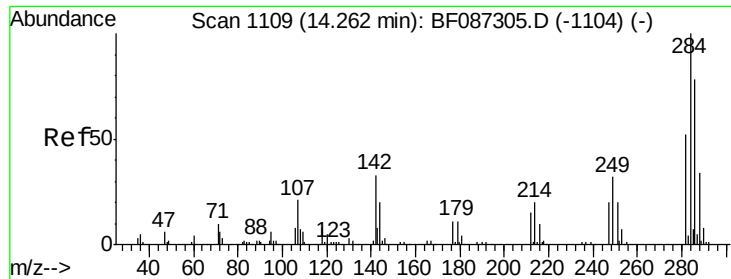


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

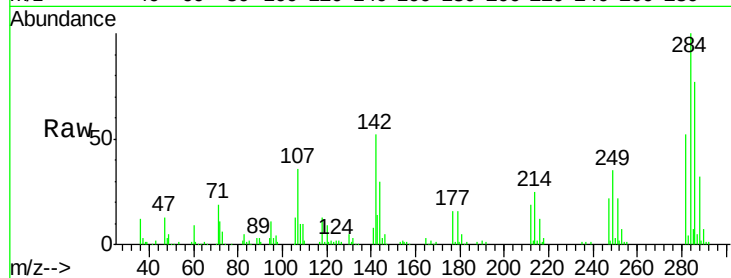




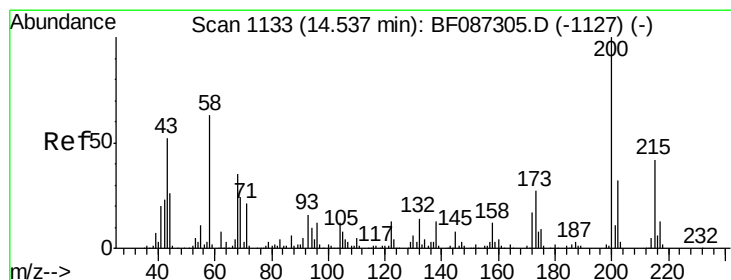
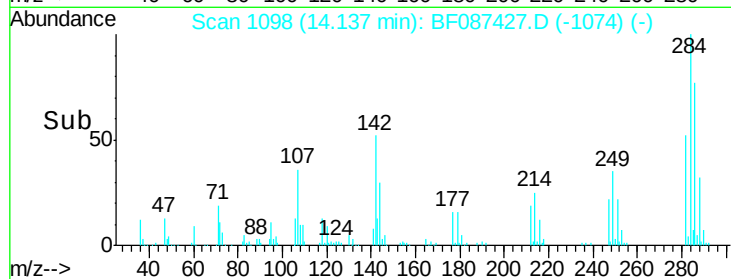
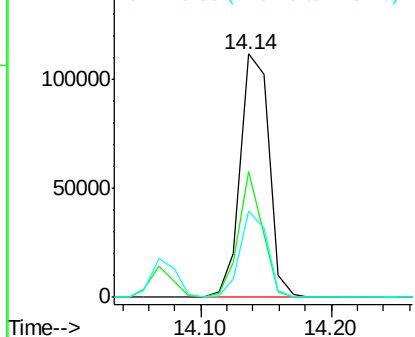
#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampled :
PB90852BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.9	16.7	25.1#
249	35.4	21.3	31.9#

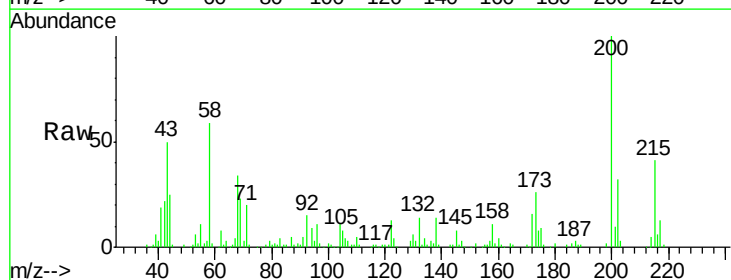


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

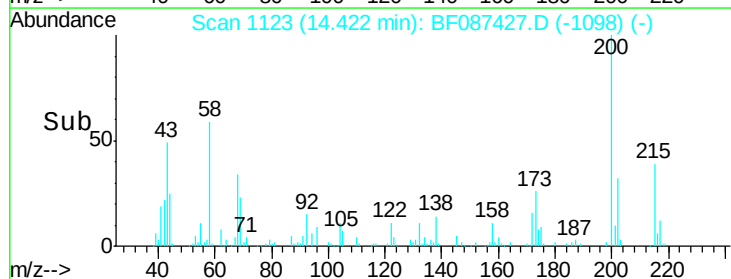
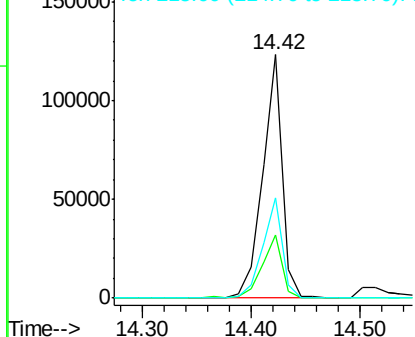


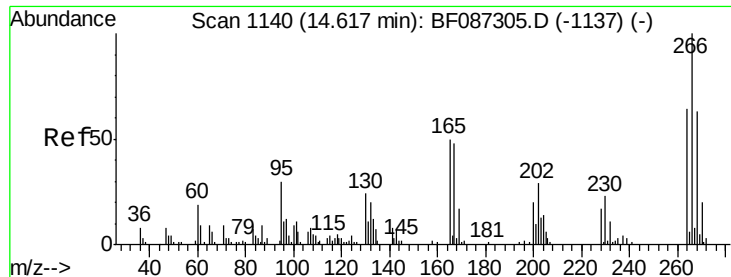
#68
Atrazine
Concen: 39.85 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.5	48.5
215	41.1	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

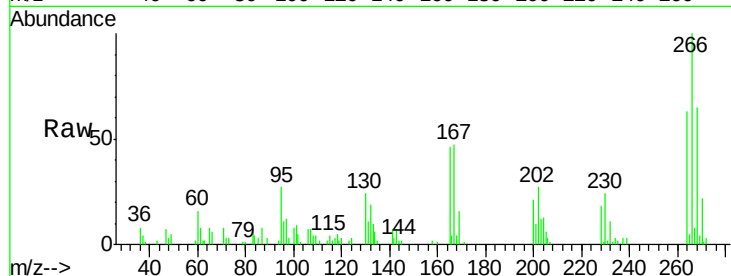




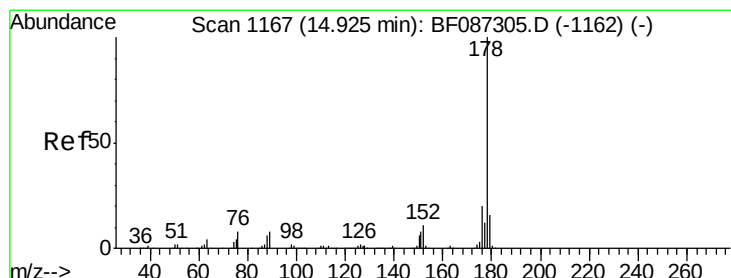
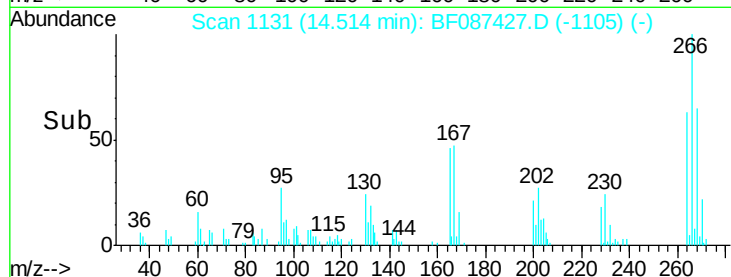
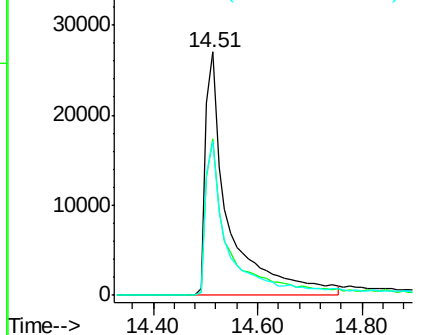
#69
 Pentachlorophenol
 Concen: 63.66 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion:266 Resp: 83299
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.5 77.3
 264 63.2 52.9 79.3

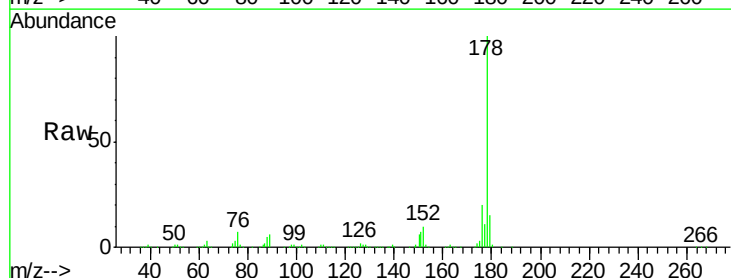


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

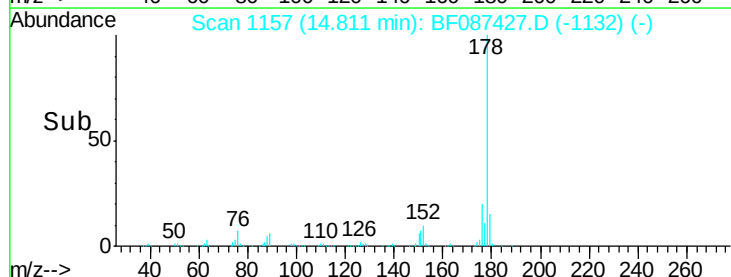
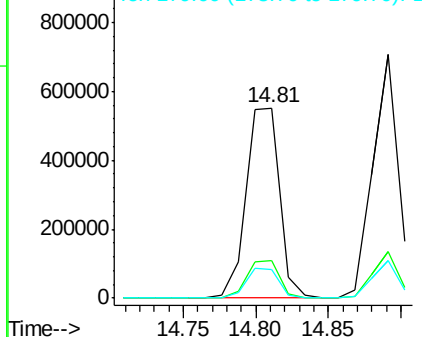


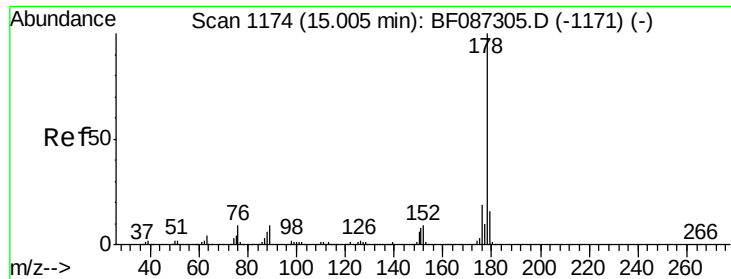
#70
 Phenanthrene
 Concen: 42.34 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:178 Resp: 881927
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 14.9 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

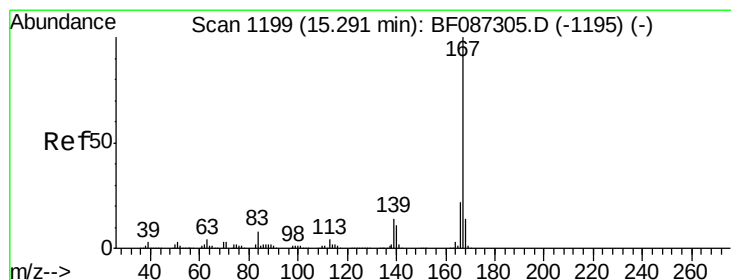
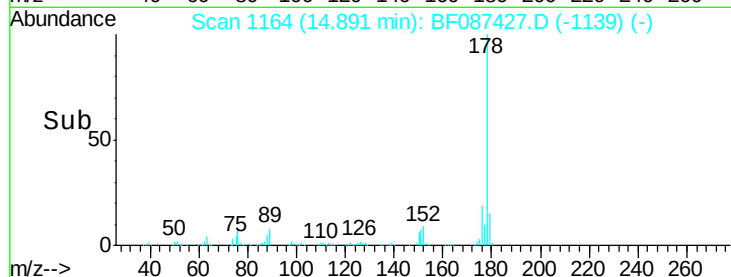
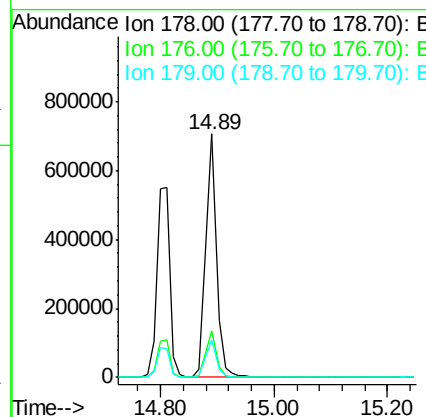
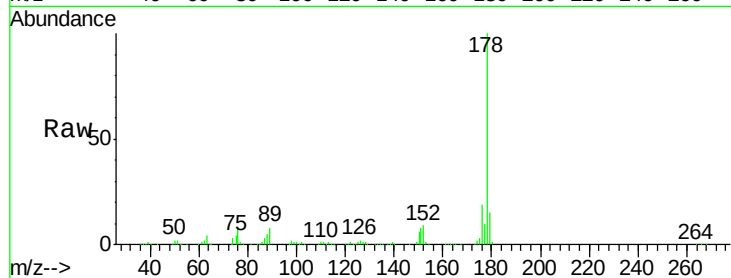




#71
 Anthracene
 Concen: 42.85 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

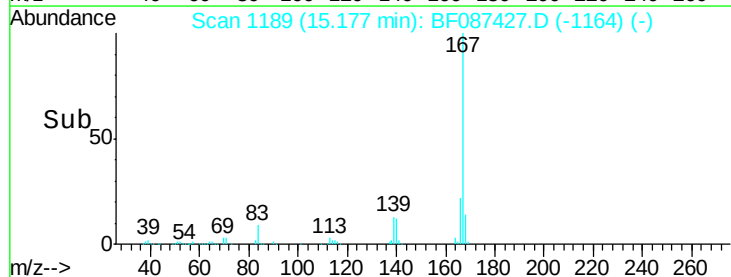
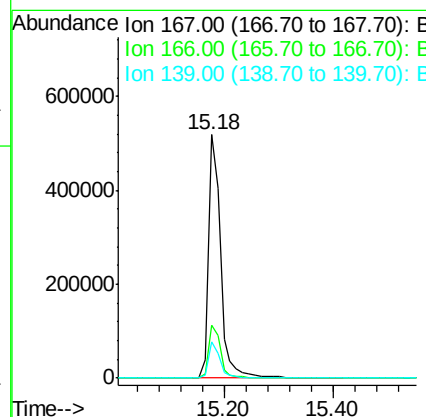
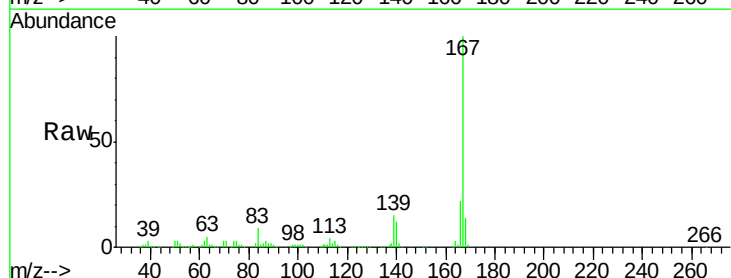
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

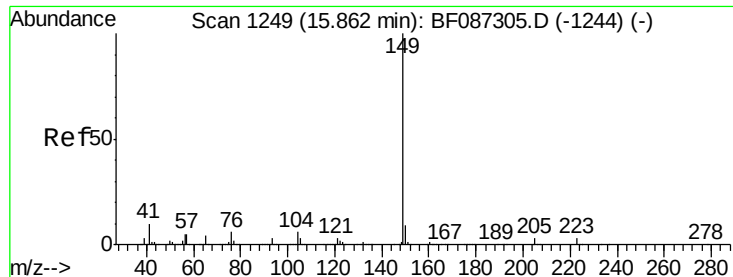
Tgt Ion:178 Resp: 901675
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 44.08 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:167 Resp: 791085
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 15.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

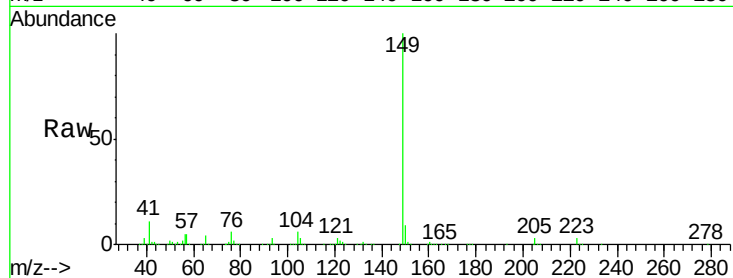
Tgt Ion:149 Resp: 943474

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

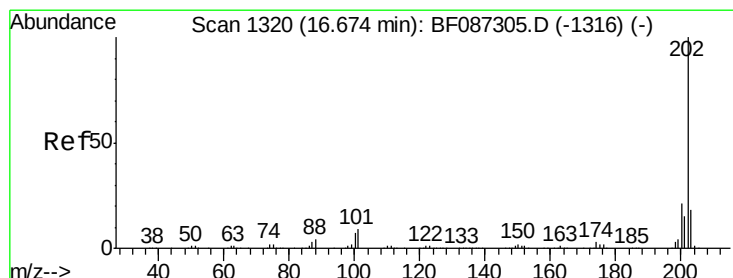
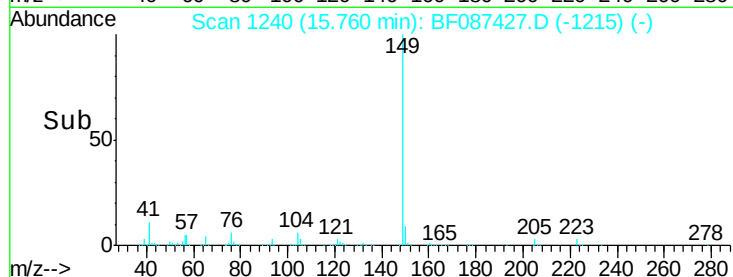
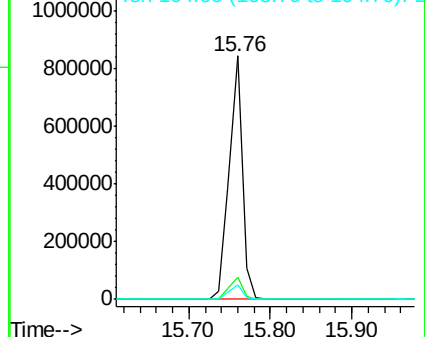
104 6.0 3.8 5.6#



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: 42.82 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

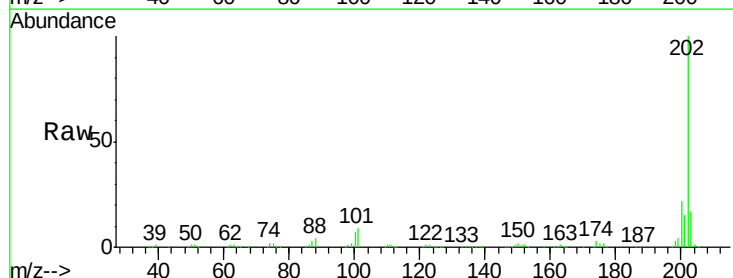
Tgt Ion:202 Resp: 894400

Ion Ratio Lower Upper

202 100

101 8.5 0.0 35.4

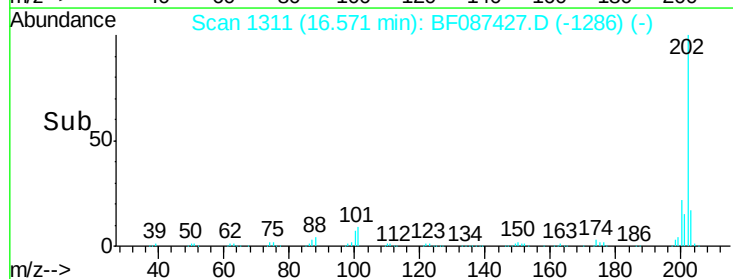
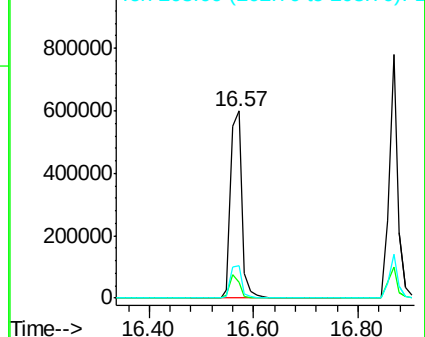
203 17.5 0.0 38.1

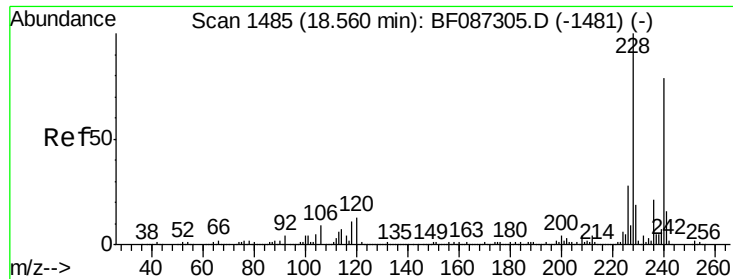


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

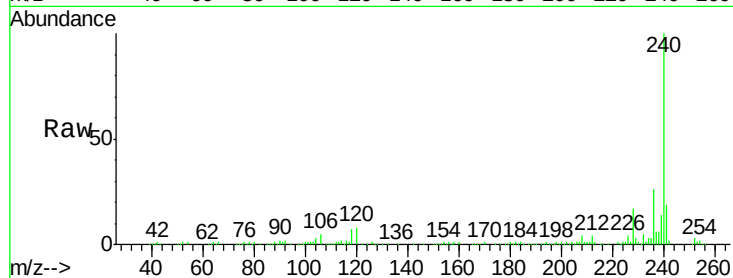
Tgt Ion:240 Resp: 296295

Ion Ratio Lower Upper

240 100

120 7.8 11.2 16.8#

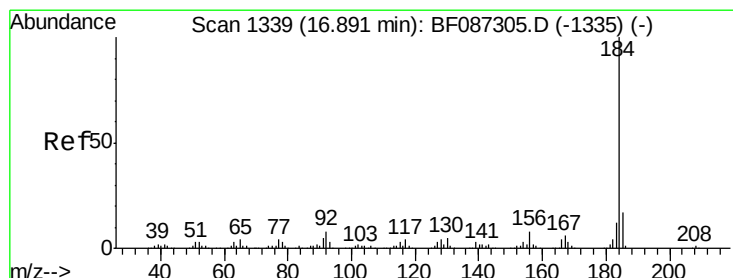
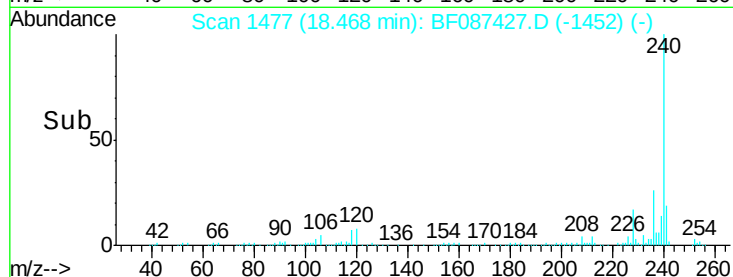
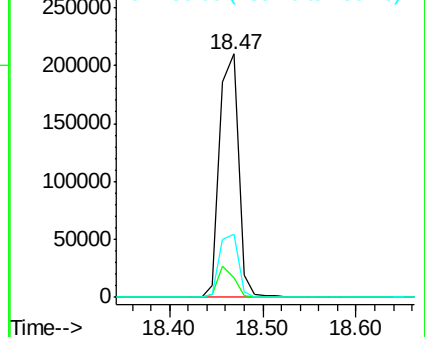
236 25.9 21.2 31.8



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: 27.03 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

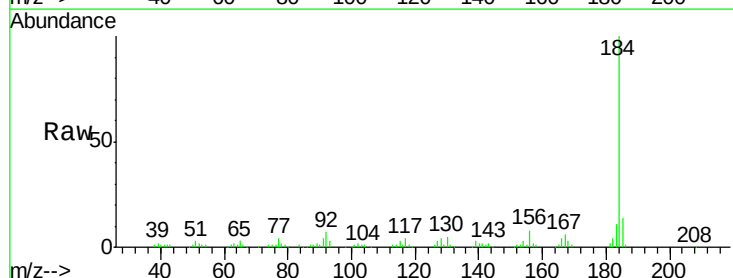
Tgt Ion:184 Resp: 206076

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

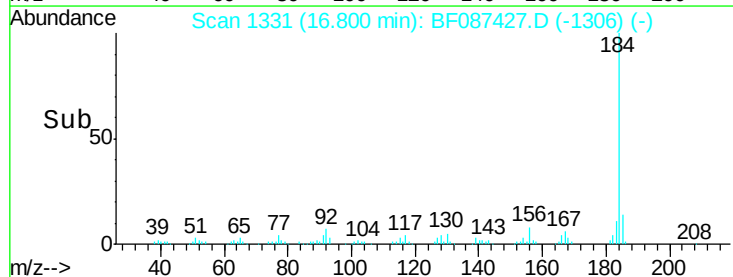
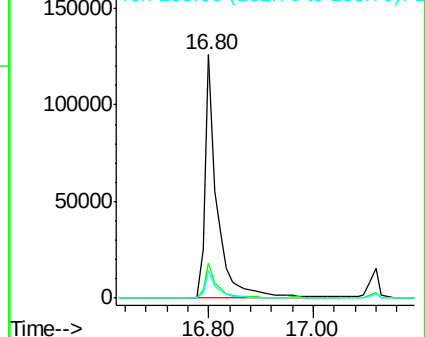
183 11.0 9.8 14.6

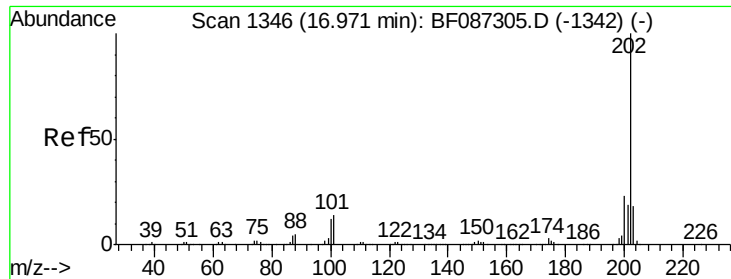


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

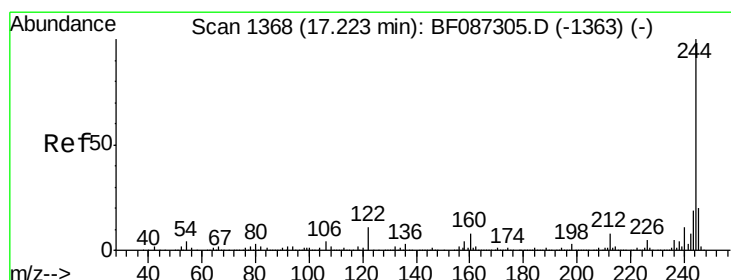
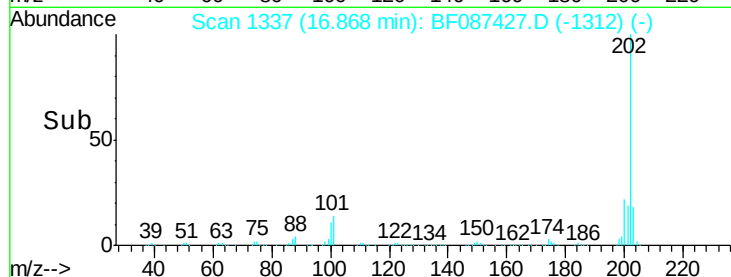
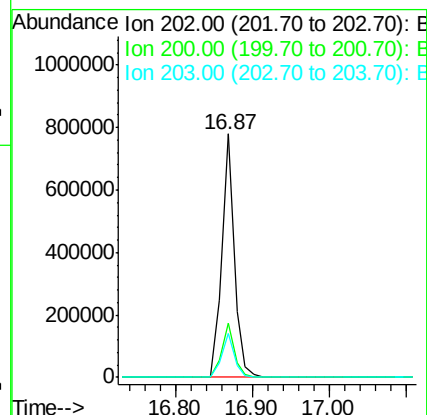
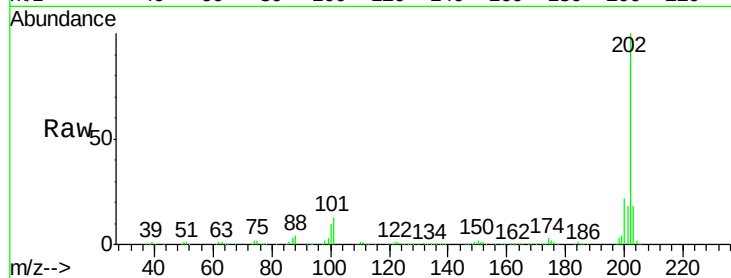




#77
 Pyrene
 Concen: 41.79 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

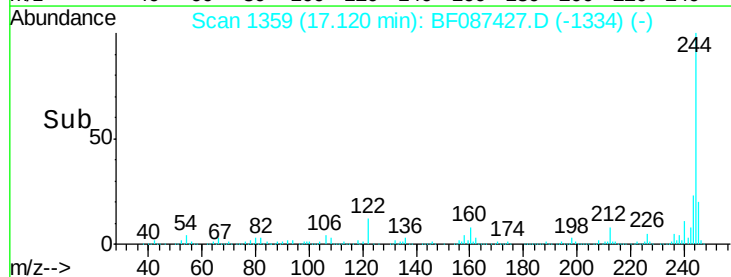
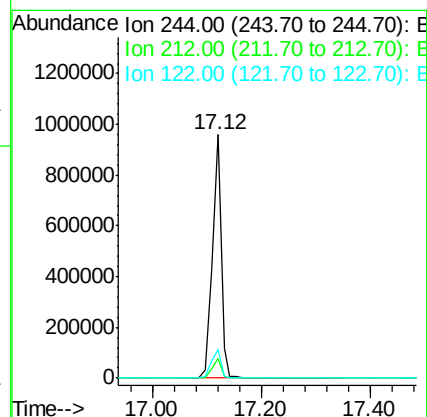
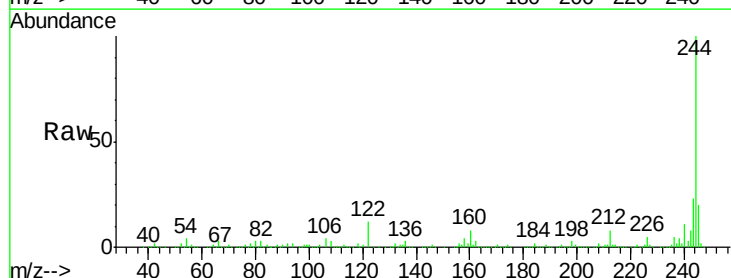
Instrument :
 BNA_F
 ClientSampled :
 PB90852BS

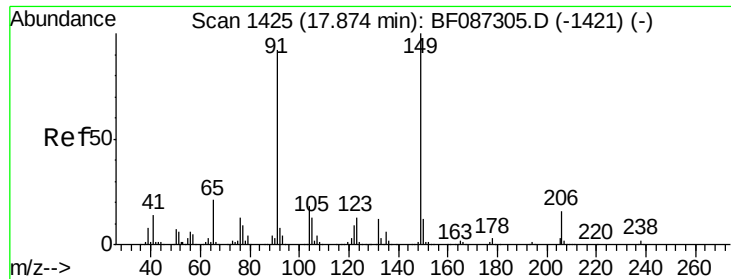
Tgt Ion: 202 Resp: 891192
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 18.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 76.70 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion: 244 Resp: 1068901
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.7 12.0 18.0#

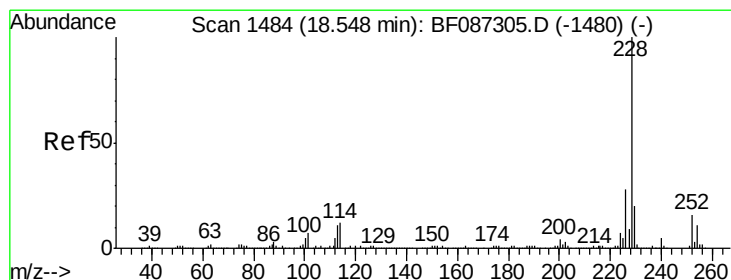
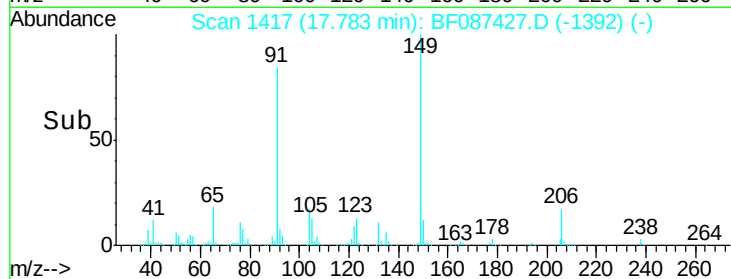
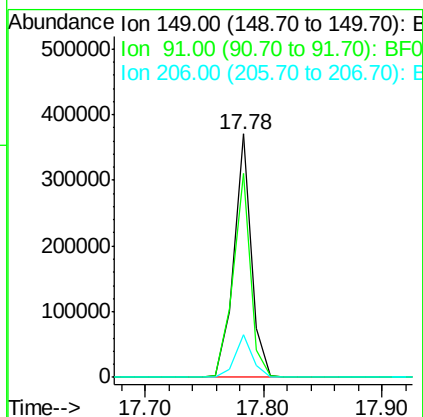
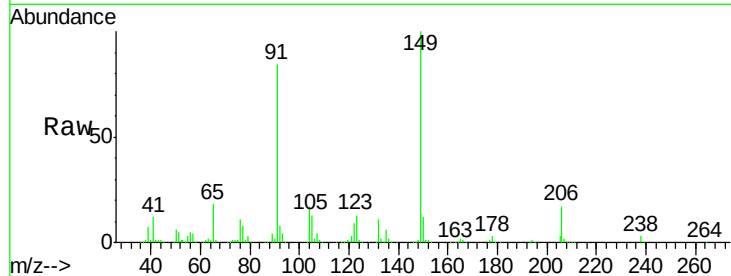




#79
Butylbenzylphthalate
Concen: 40.03 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

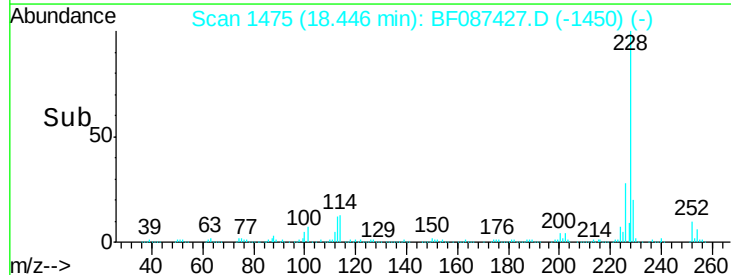
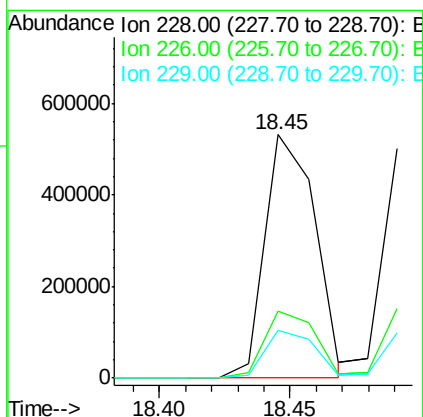
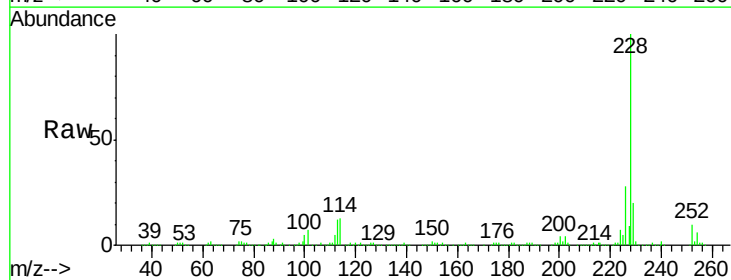
Instrument :
BNA_F
ClientSampleId :
PB90852BS

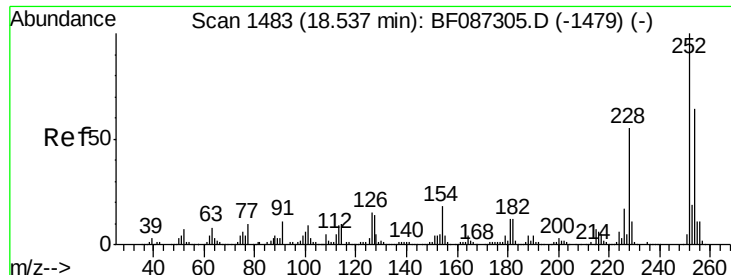
Tgt Ion:149 Resp: 378623
Ion Ratio Lower Upper
149 100
91 83.8 48.0 72.0#
206 17.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087427.D
Acq: 27 May 2016 1:52

Tgt Ion:228 Resp: 708552
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 19.7 16.6 25.0

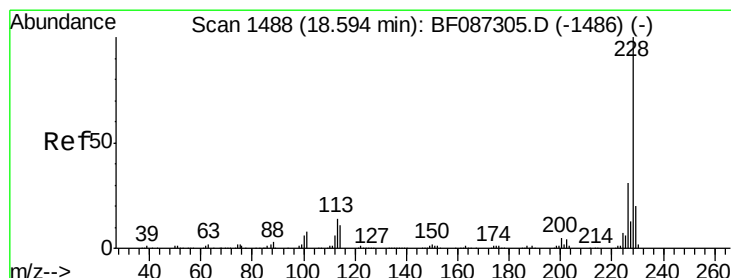
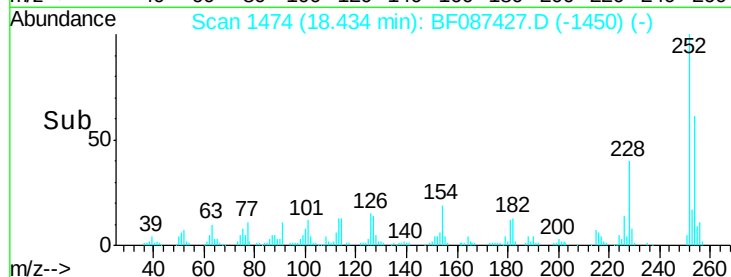
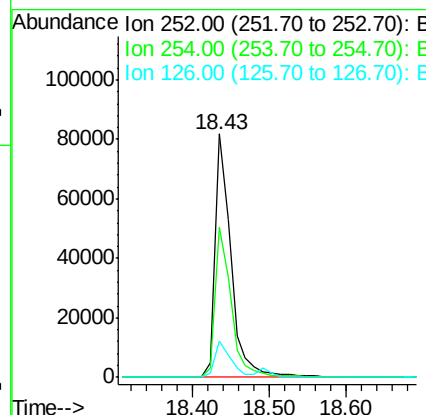
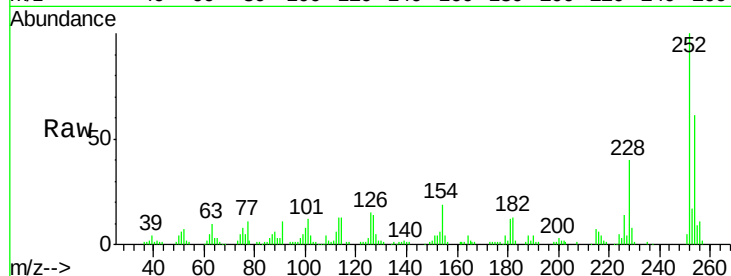




#81
 3,3'-Dichlorobenzidine
 Concen: 12.60 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

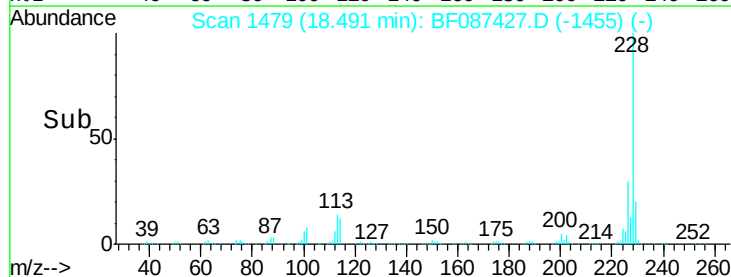
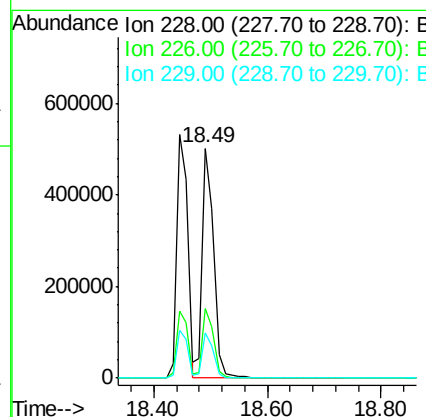
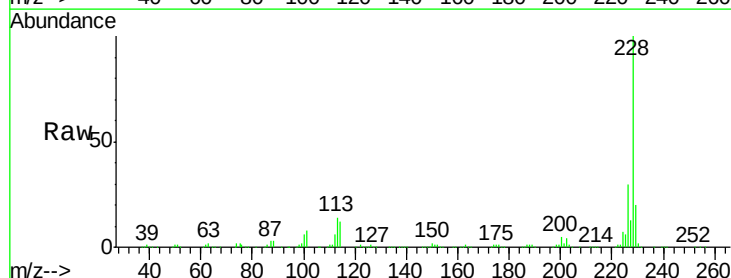
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

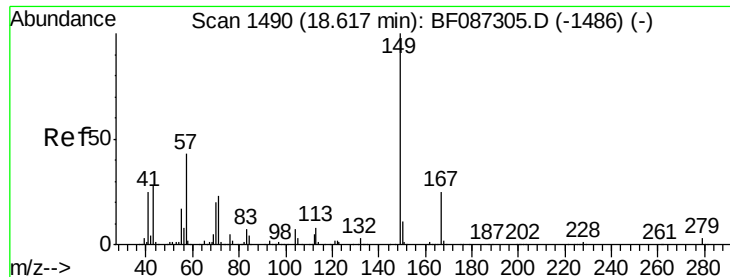
Tgt Ion:252 Resp: 117286
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.7 76.1
 126 15.0 12.7 19.1



#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion:228 Resp: 683633
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.59 ng

RT: 18.53 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

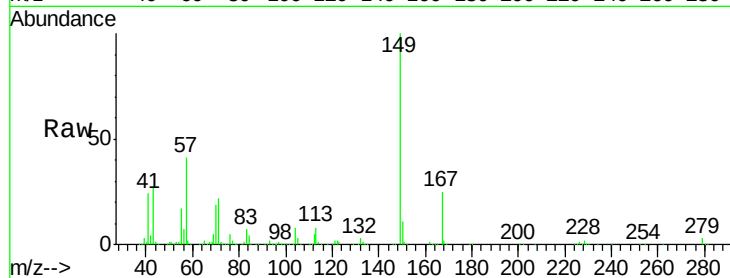
Tgt Ion:149 Resp: 477371

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

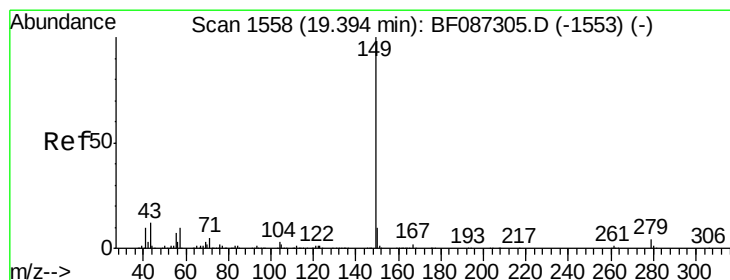
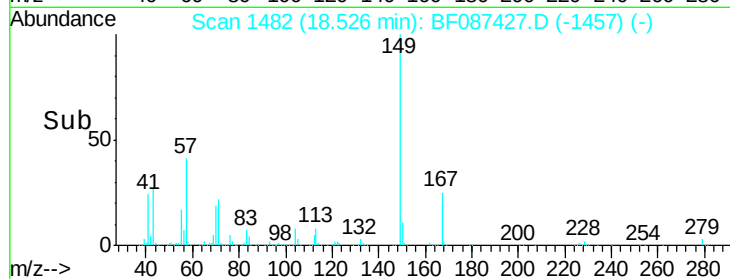
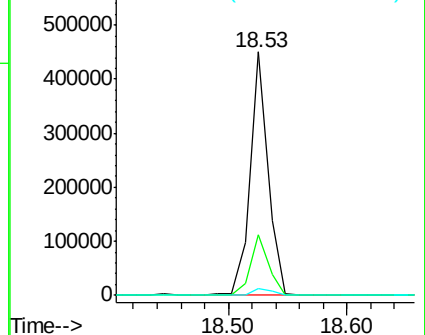
279 2.6 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.40 ng

RT: 19.29 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

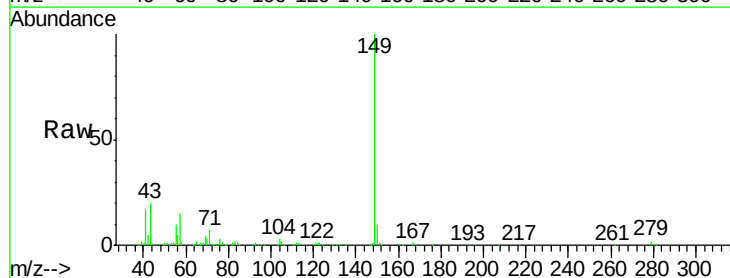
Tgt Ion:149 Resp: 703066

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

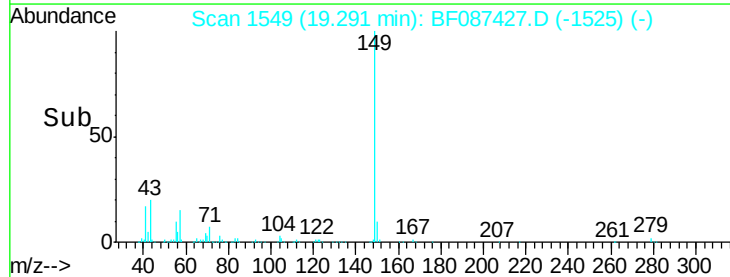
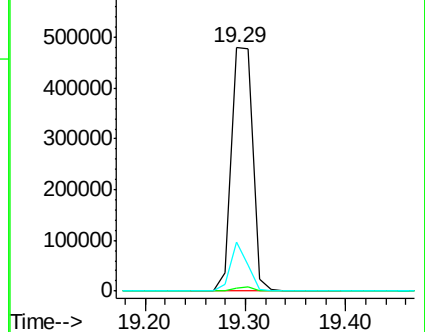
43 16.1 8.2 12.4#

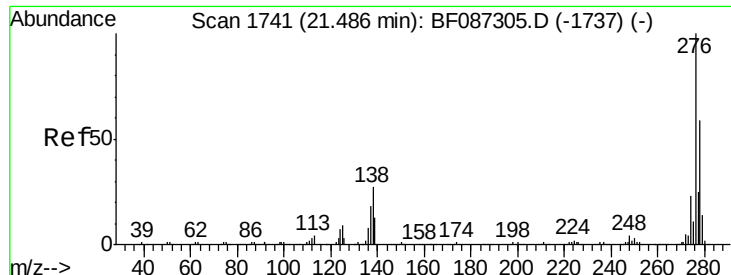


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

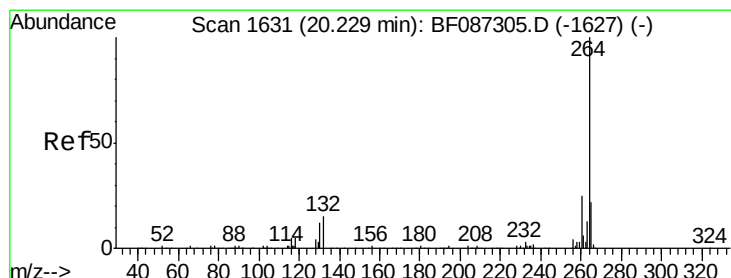
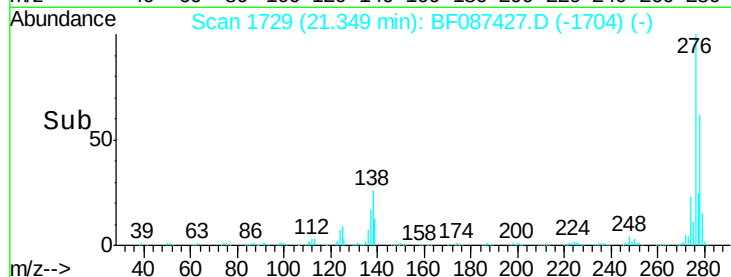
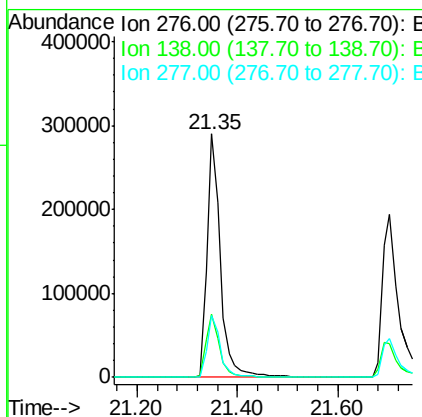
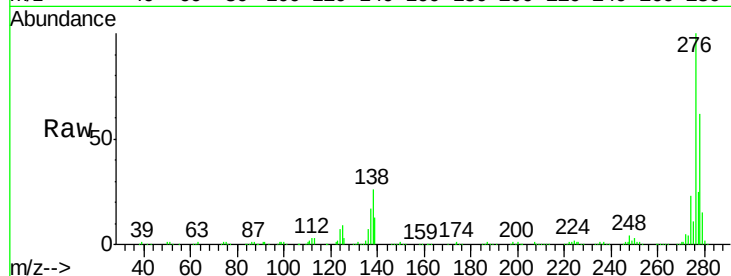




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.92 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

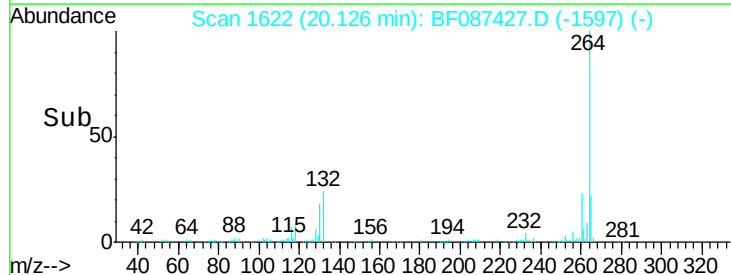
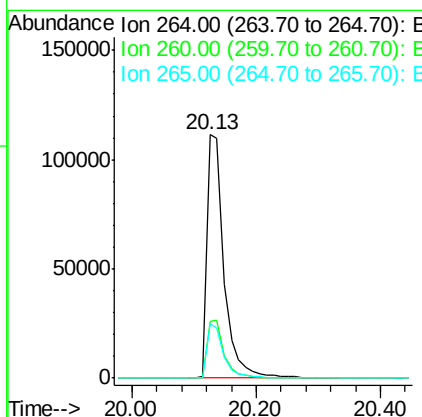
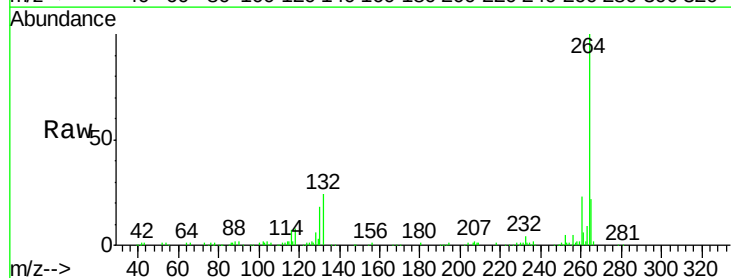
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

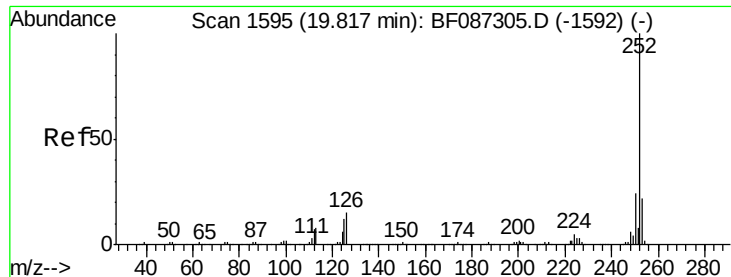
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087427.D
 Acq: 27 May 2016 1:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.47 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

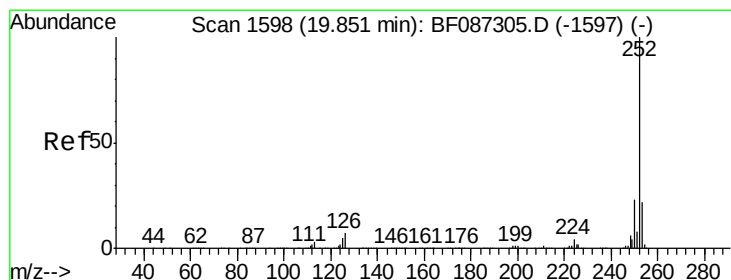
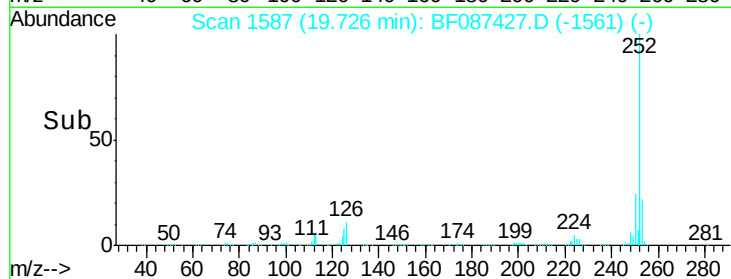
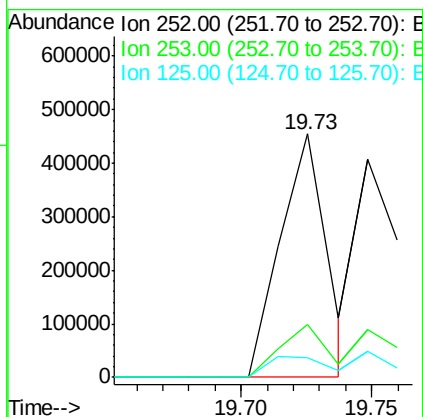
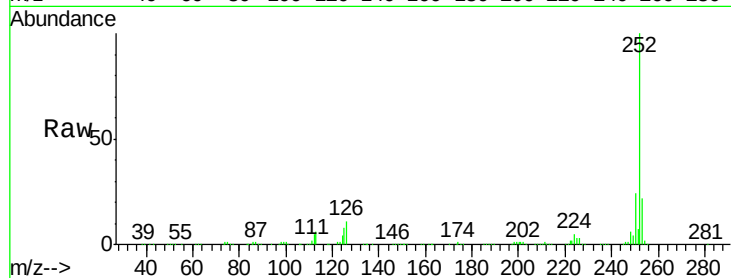
Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion: 252 Resp: 556033

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.2	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 48.18 ng

RT: 19.73 min Scan# 1587

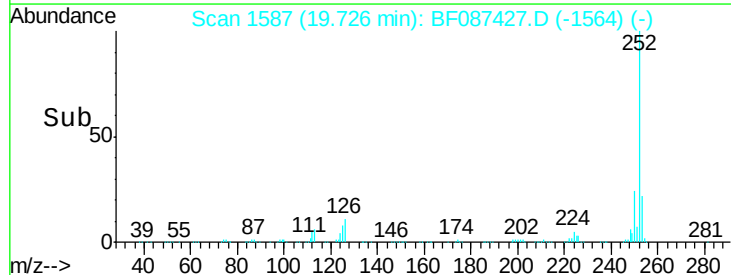
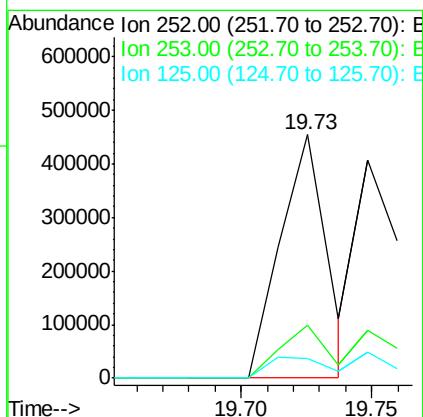
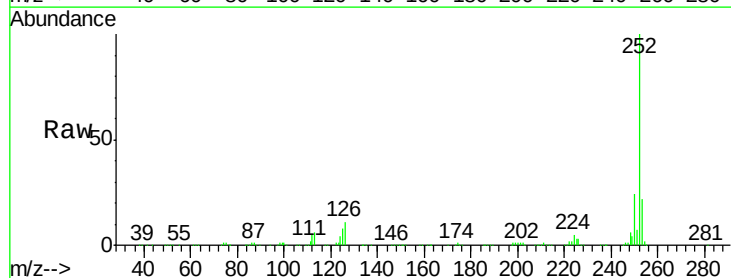
Delta R.T. -0.03 min

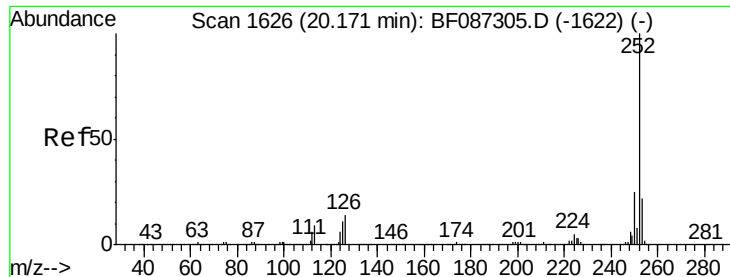
Lab File: BF087427.D

Acq: 27 May 2016 1:52

Tgt Ion: 252 Resp: 556033

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.2	9.1	13.7





#89

Benzo(a)pyrene

Concen: 43.98 ng

RT: 20.07 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

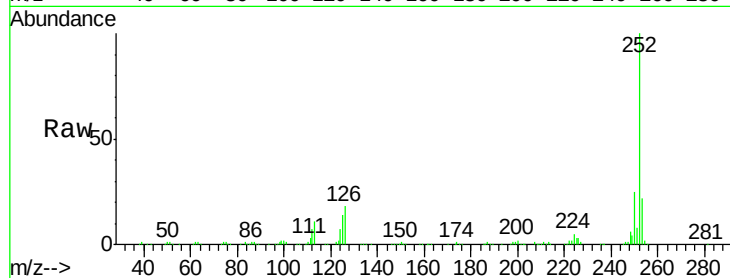
Tgt Ion:252 Resp: 509992

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

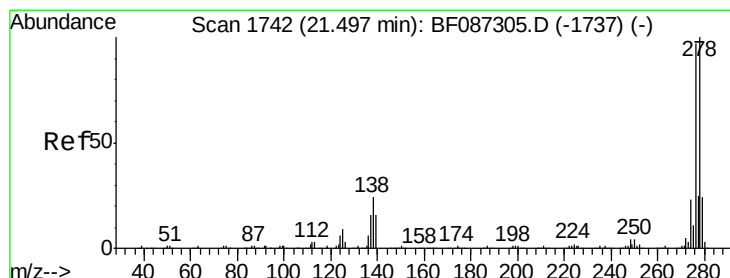
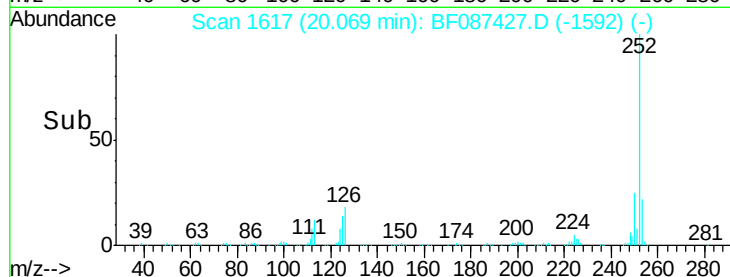
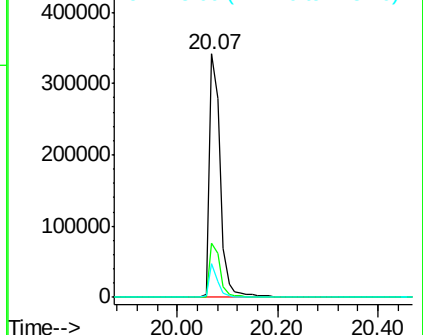
125 14.0 9.0 13.6#



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: 45.05 ng

RT: 21.36 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

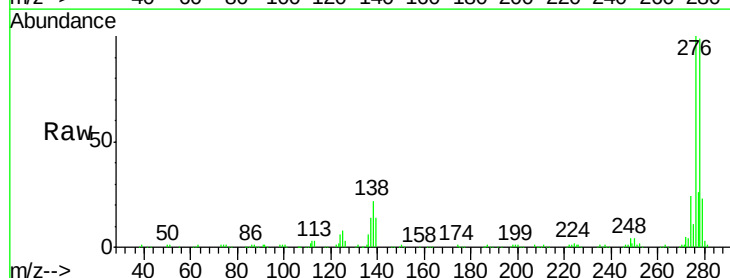
Tgt Ion:278 Resp: 445527

Ion Ratio Lower Upper

278 100

139 14.2 16.6 24.8#

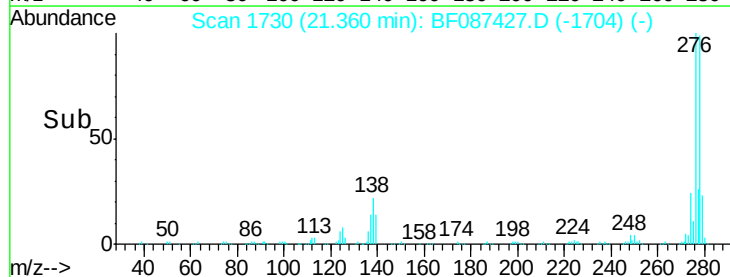
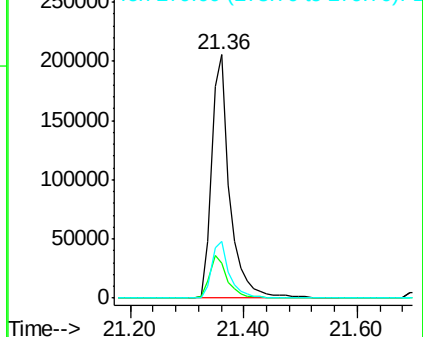
279 23.5 19.6 29.4

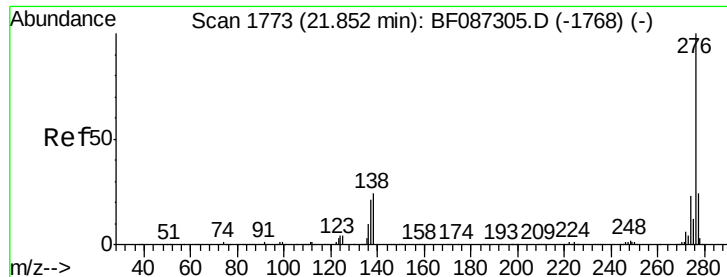


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.22 ng

RT: 21.70 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF087427.D

Acq: 27 May 2016 1:52

Instrument :

BNA_F

ClientSampleId :

PB90852BS

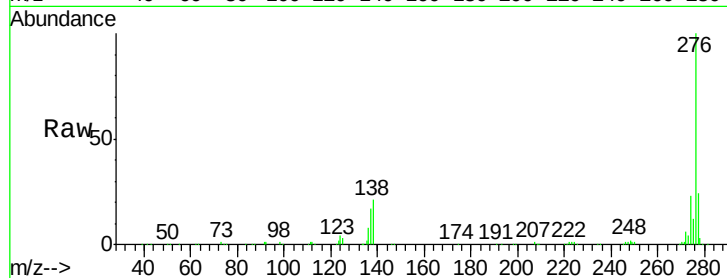
Tgt Ion: 276 Resp: 451044

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 21.0 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

