

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087902.D
 Acq On : 11 Jun 2016 15:10
 Operator : UM/SJ
 Sample : PB91188BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Quant Time: Jun 12 04:37:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101083	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	419218	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	209154	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	364550	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	257309	20.00	ng	-0.02
86) Perylene-d12	15.38	264	243323	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	746808	126.30	ng	-0.02
7) Phenol-d6	6.44	99	885199	123.53	ng	-0.03
23) Nitrobenzene-d5	7.37	82	535952	74.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	199983	90.55	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1098680	82.35	ng	-0.03
78) Terphenyl-d14	12.91	244	954188	84.39	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	77338	26.92	ng	# 29
3) Pyridine	3.12	79	238582	35.17	ng	95
4) n-Nitrosodimethylamine	3.06	42	104133	36.25	ng	91
6) Aniline	6.47	93	287622	28.20	ng	100
8) 2-Chlorophenol	6.59	128	302595	43.24	ng	83
9) Benzaldehyde	6.34	77	11406	2.38	ng	92
10) Phenol	6.46	94	364027	49.45	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	287167	45.70	ng	85
12) 1,3-Dichlorobenzene	6.74	146	294463	39.21	ng	98
13) 1,4-Dichlorobenzene	6.82	146	316147	41.79	ng	98
14) 1,2-Dichlorobenzene	6.82	146	316147	45.96	ng	96
15) Benzyl Alcohol	6.95	79	214868	38.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	357895	42.16	ng	90
17) 2-Methylphenol	7.06	107	249719	44.00	ng	99
18) Hexachloroethane	7.31	117	107737	40.14	ng	# 81
19) n-Nitroso-di-n-propylamine	7.22	70	192564	42.01	ng	93
20) 3+4-Methylphenols	7.22	107	275847	41.65	ng	# 87
22) Acetophenone	7.22	105	378250	40.37	ng	# 91
24) Nitrobenzene	7.39	77	320807	46.13	ng	98
25) Isophorone	7.63	82	544300	40.93	ng	100
26) 2-Nitrophenol	7.71	139	172162	46.22	ng	# 73
27) 2,4-Dimethylphenol	7.75	122	290726	42.39	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	375328	45.51	ng	98
29) 2,4-Dichlorophenol	7.95	162	273083	47.69	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	245626	39.39	ng	99
31) Naphthalene	8.11	128	817461	39.40	ng	99
32) Benzoic acid	7.87	122	186113	49.28	ng	94
33) 4-Chloroaniline	8.17	127	194747	21.02	ng	# 90
34) Hexachlorobutadiene	8.24	225	136458	41.49	ng	99
35) Caprolactam	8.54	113	53261	28.08	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	276724	45.18	ng	98
37) 2-Methylnaphthalene	8.81	142	604393	44.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	225536	39.88	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	252490	74.84	ng	100

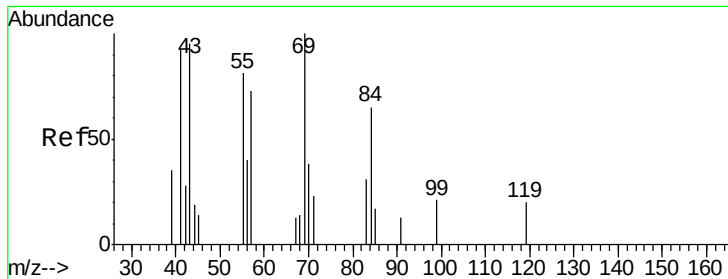
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087902.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178696	42.72	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	177345	40.75	nq	# 91
45) 1,1'-Biphenyl	9.28	154	702599	44.71	nq	95
46) 2-Chloronaphthalene	9.30	162	554355	40.96	nq	# 90
47) 2-Nitroaniline	9.39	65	178316	44.66	nq	# 83
48) Acenaphthylene	9.71	152	911990	42.36	nq	99
49) Dimethylphthalate	9.58	163	631153	41.66	nq	99
50) 2,6-Dinitrotoluene	9.63	165	144017	41.51	nq	# 60
51) Acenaphthene	9.88	154	576665	42.94	nq	99
52) 3-Nitroaniline	9.80	138	116423	29.08	nq	83
53) 2,4-Dinitrophenol	9.91	184	141255	75.41	nq	93
54) Dibenzofuran	10.06	168	704717	38.10	nq	92
55) 4-Nitrophenol	9.98	139	262177	84.37	nq	# 84
56) 2,4-Dinitrotoluene	10.04	165	208500	46.76	nq	97
57) Fluorene	10.40	166	563296	45.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	132835	38.84	nq	# 53
59) Diethylphthalate	10.27	149	593874	38.72	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	218264	35.49	nq	94
61) 4-Nitroaniline	10.42	138	157503	41.47	nq	99
62) Azobenzene	10.55	77	580882	38.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	90911	40.31	nq	98
65) n-Nitrosodiphenylamine	10.51	169	528580	43.70	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	152741	39.05	nq	# 88
67) Hexachlorobenzene	10.95	284	174695	42.99	nq	# 75
68) Atrazine	11.04	200	141502	38.63	nq	92
69) Pentachlorophenol	11.14	266	198923	92.87	nq	97
70) Phenanthrene	11.36	178	876593	45.82	nq	99
71) Anthracene	11.40	178	767651	39.78	nq	99
72) Carbazole	11.56	167	849473	47.04	nq	99
73) Di-n-butylphthalate	11.90	149	861056	37.67	nq	100
74) Fluoranthene	12.54	202	799034	39.58	nq	98
76) Benzidine	12.66	184	309214	43.40	nq	98
77) Pyrene	12.77	202	795138	41.64	nq	100
79) Butylbenzylphthalate	13.39	149	374583	44.37	nq	90
80) Benzo(a)anthracene	13.95	228	647445	44.15	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	126913	32.19	nq	# 96
82) Chrysene	14.00	228	673577	48.83	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	453992	44.18	nq	99
84) Di-n-octyl phthalate	14.57	149	946243	56.67	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.75	276	607411	47.39	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	1264177	74.54	nq	# 95
88) Benzo(k)fluoranthene	15.01	252	1264177	98.82	nq	100
89) Benzo(a)pyrene	15.33	252	590999	43.07	nq	97
90) Dibenzo(a,h)anthracene	16.78	278	501521	39.35	nq	97
91) Benzo(g,h,i)perylene	17.17	276	519629	39.64	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

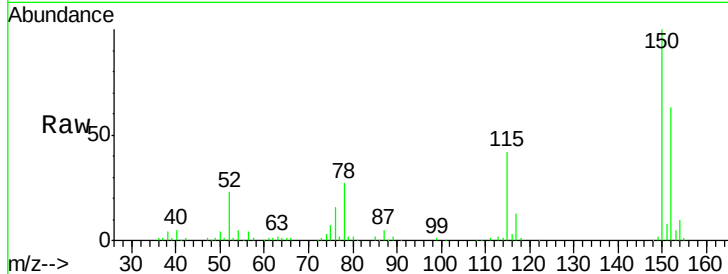
Tot Ion:152 Resp: 101083

Ion Ratio Lower Upper

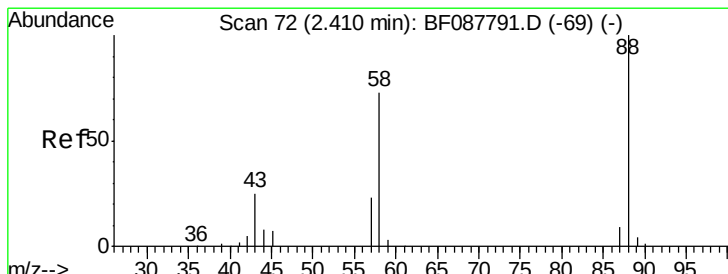
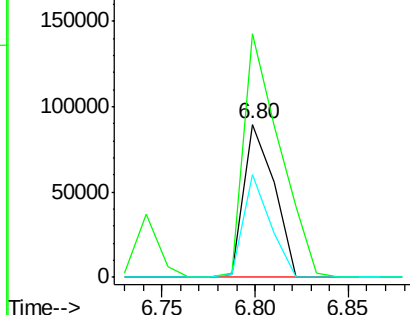
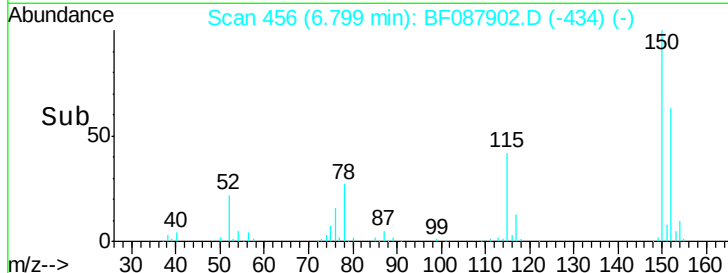
152 100

150 158.9 123.8 185.6

115 67.3 39.6 59.4#



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: 26.92 ng

RT: 2.41 min Scan# 72

Delta R.T. -0.00 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

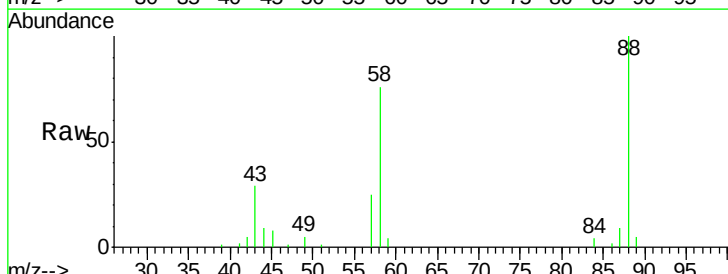
Tgt Ion: 88 Resp: 77338

Ion Ratio Lower Upper

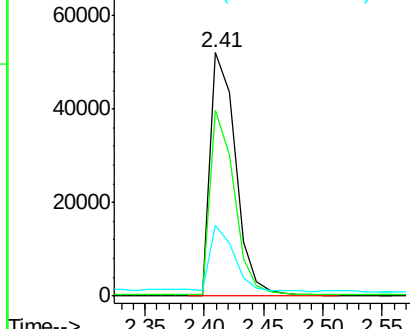
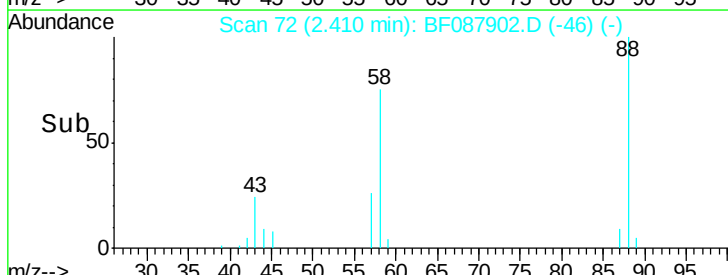
88 100

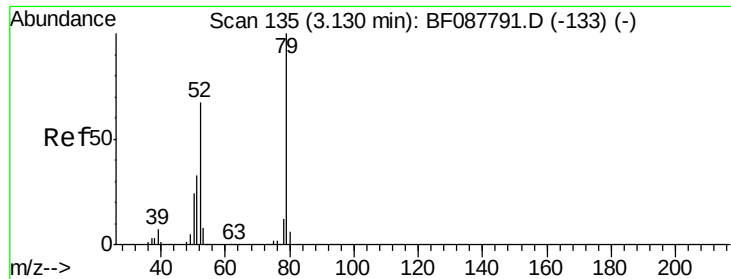
58 75.9 0.0 0.0#

43 27.7 3.4 5.2#



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

Pvridine

Concen: 35.17 ng

RT: 3.12 min Scan# 134

Delta R.T. -0.01 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

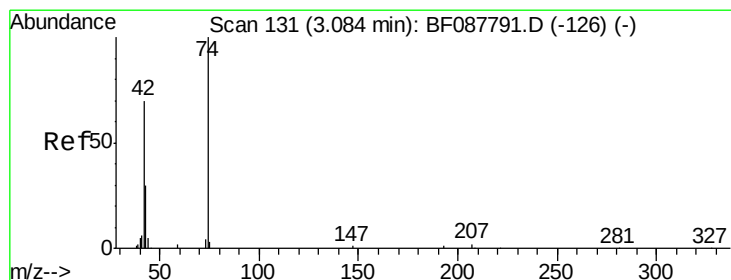
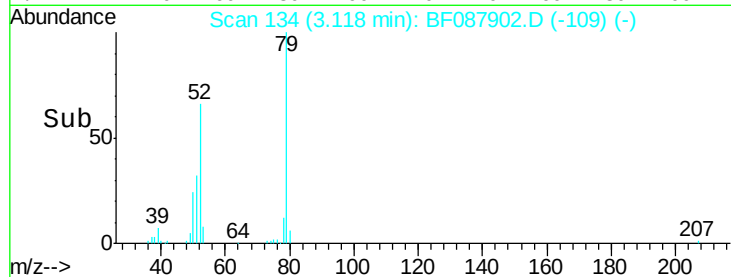
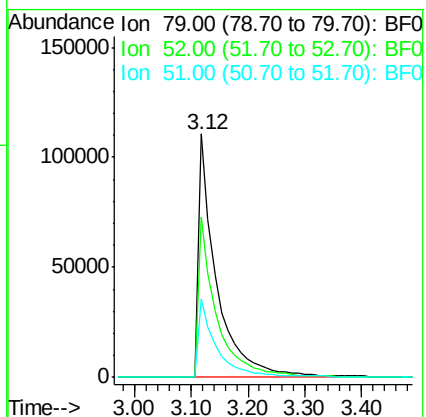
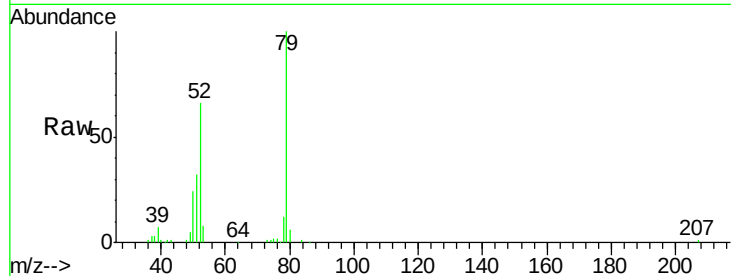
Tot Ion: 79 Resp: 238582

Ion Ratio Lower Upper

79 100

52 65.7 56.3 84.5

51 32.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 36.25 ng

RT: 3.06 min Scan# 129

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

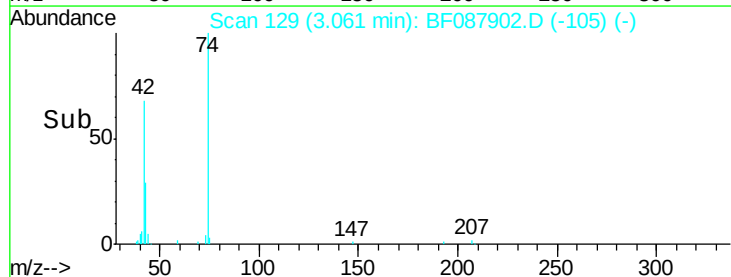
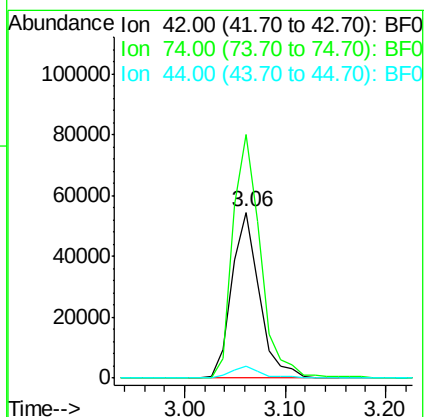
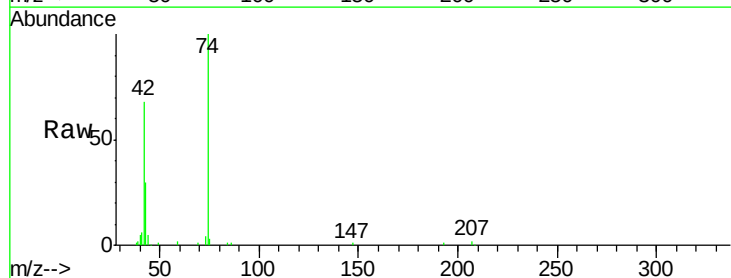
Tgt Ion: 42 Resp: 104133

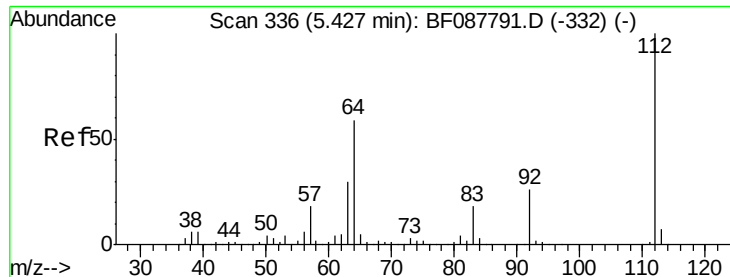
Ion Ratio Lower Upper

42 100

74 147.0 108.6 163.0

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 126.30 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampled :

PB91188BS

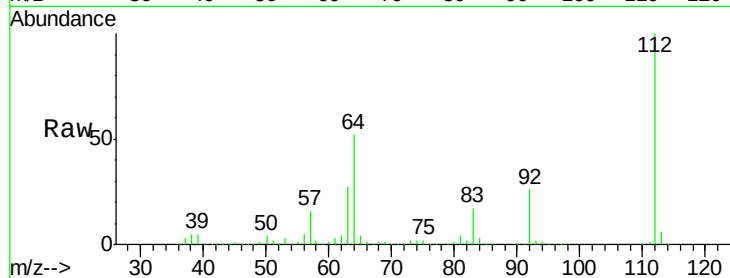
Tot Ion: 112 Resp: 746808

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

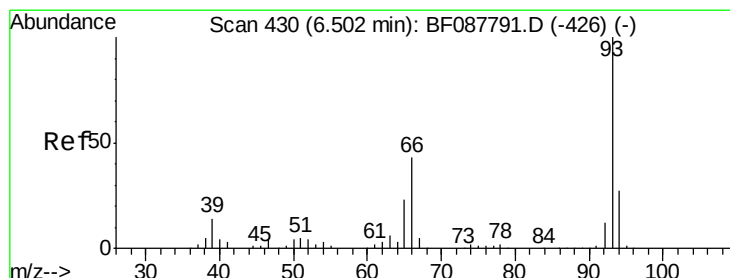
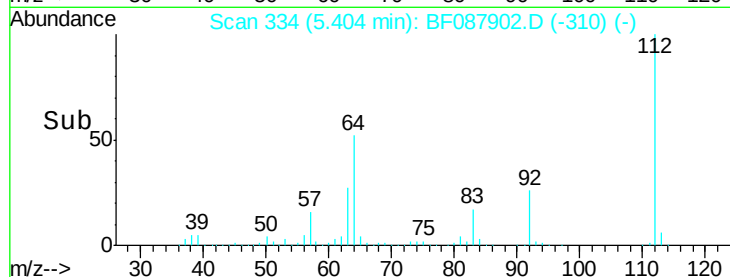
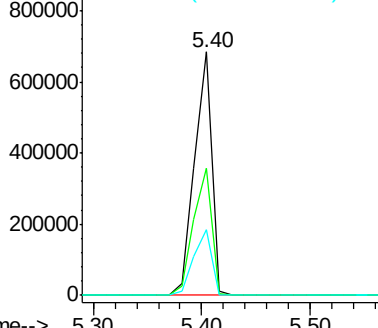
63 27.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.20 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

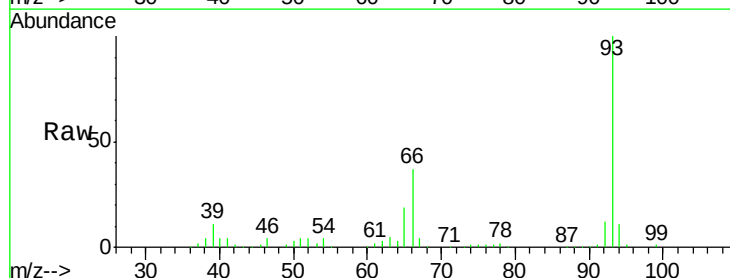
Tgt Ion: 93 Resp: 287622

Ion Ratio Lower Upper

93 100

66 37.1 29.8 44.8

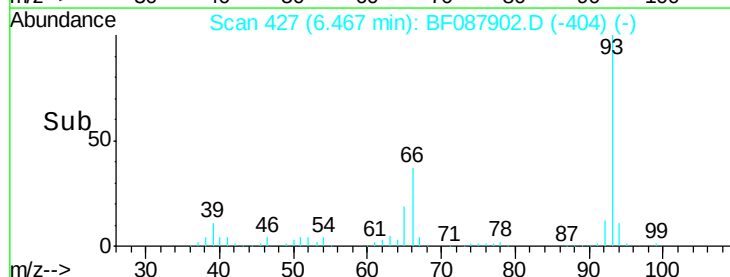
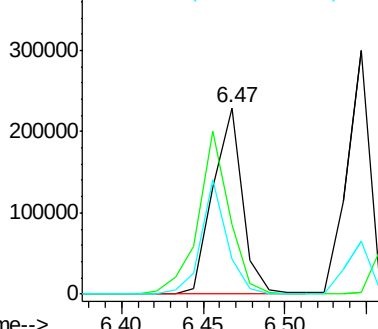
65 18.7 14.9 22.3

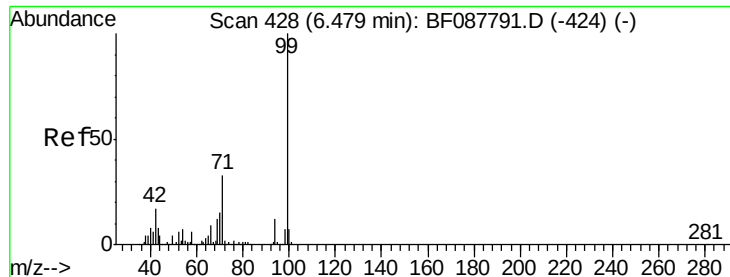


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.53 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

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ClientSampleId :

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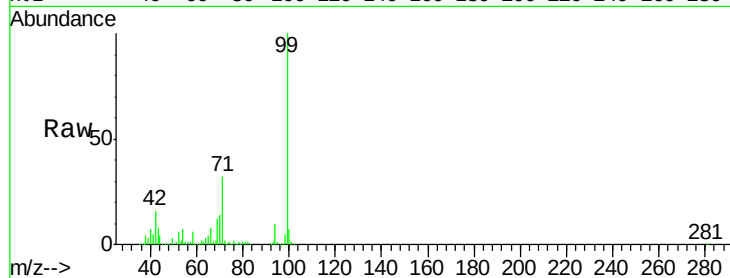
Tot Ion: 99 Resp: 885199

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

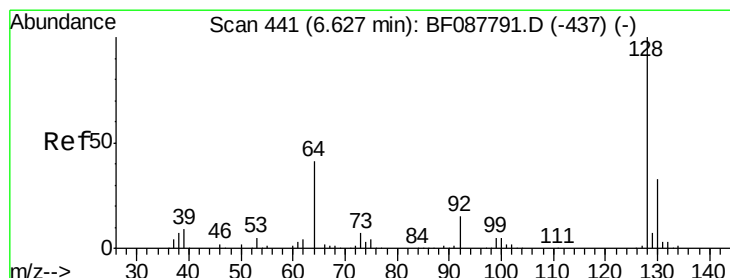
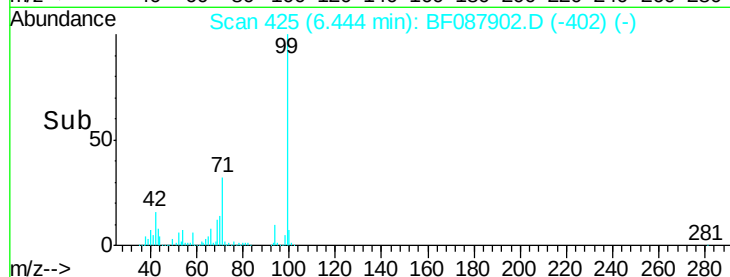
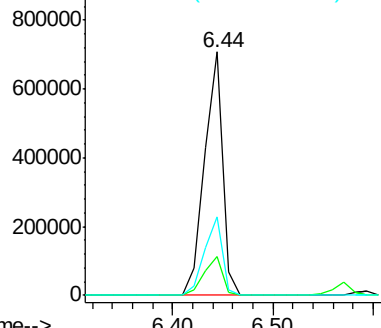
71 32.1 23.4 35.0



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: 43.24 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

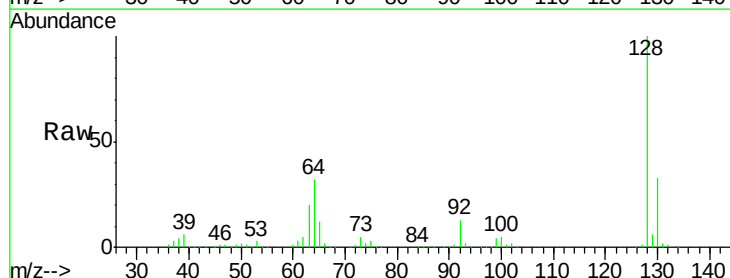
Tgt Ion: 128 Resp: 302595

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

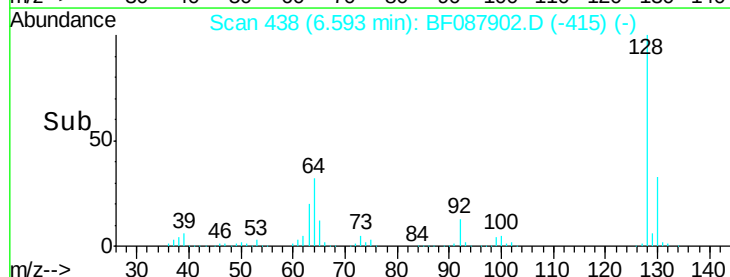
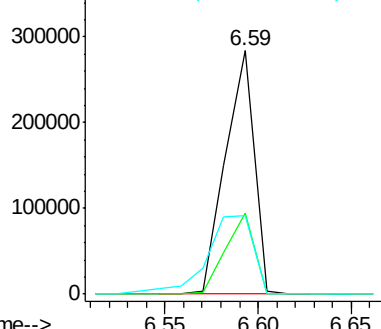
64 32.2 30.8 70.8

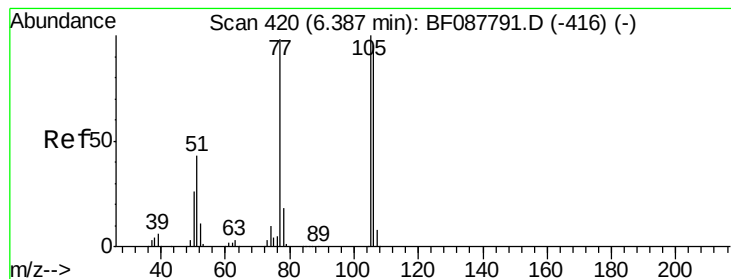


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

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Acq: 11 Jun 2016 15:10

Instrument :

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PB91188BS

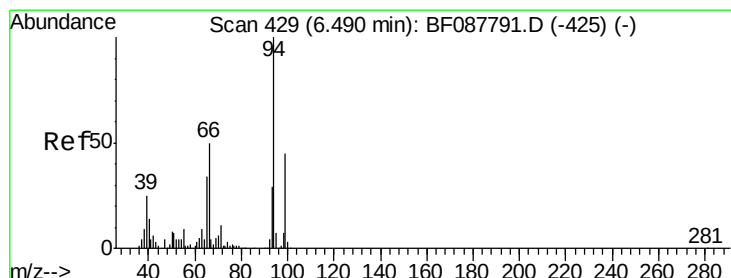
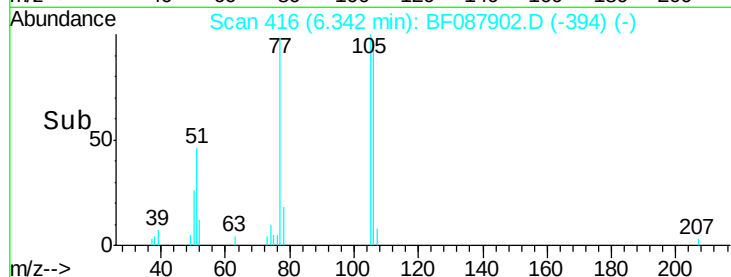
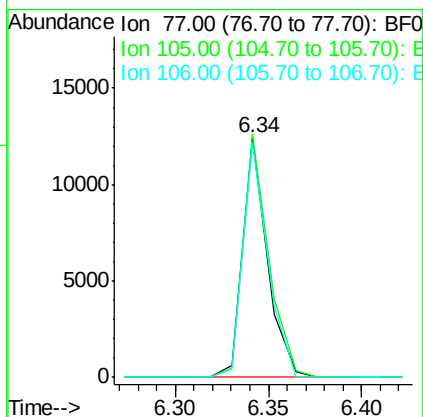
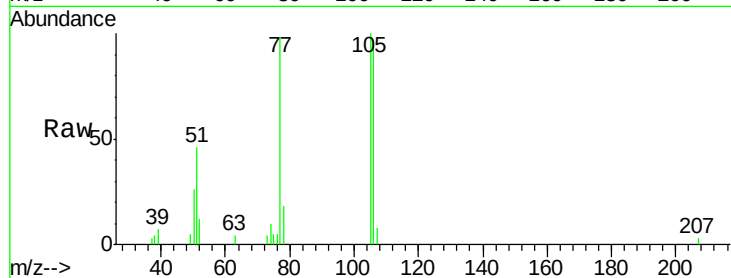
Tot Ion: 77 Resp: 11406

Ion Ratio Lower Upper

77 100

105 101.8 90.6 130.6

106 98.2 85.3 125.3



#10

Phenol

Concen: 49.45 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

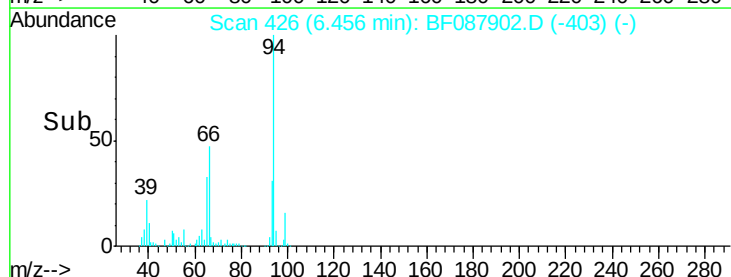
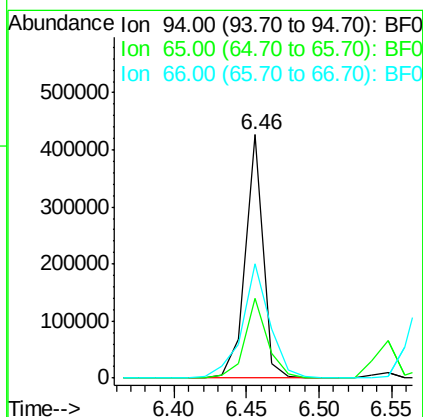
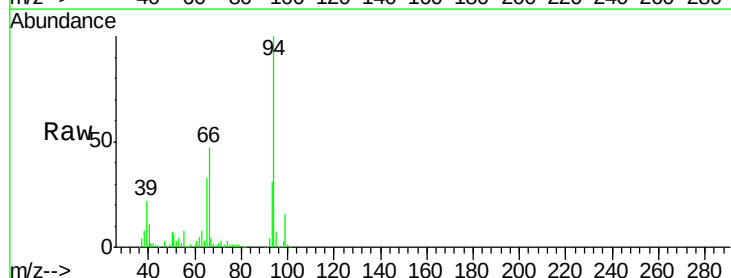
Tgt Ion: 94 Resp: 364027

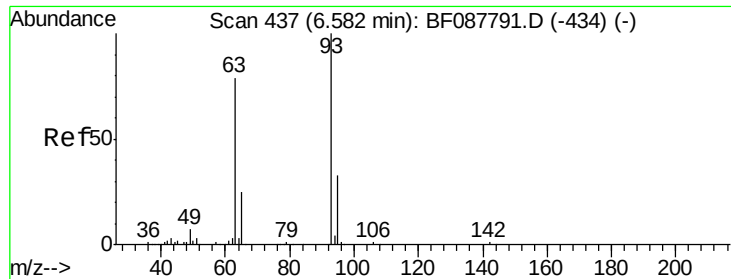
Ion Ratio Lower Upper

94 100

65 32.9 5.9 45.9

66 47.0 14.0 54.0

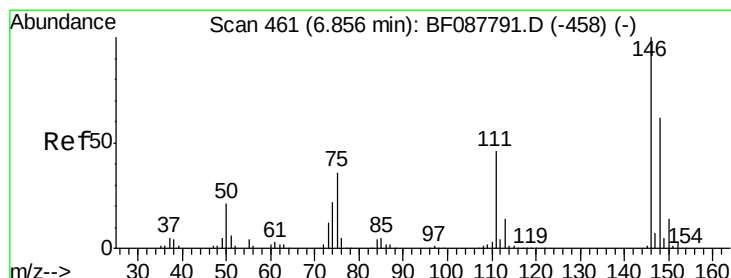
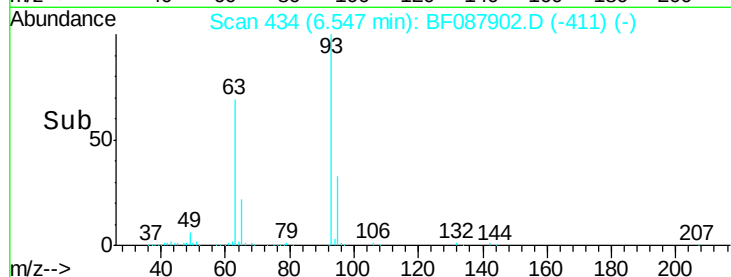
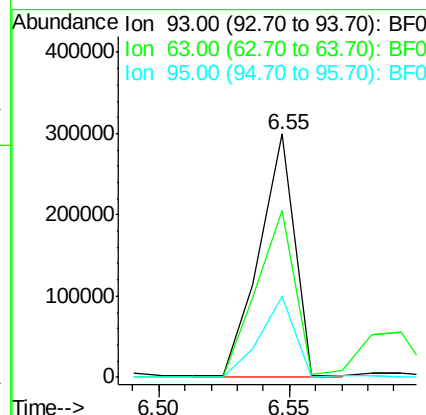
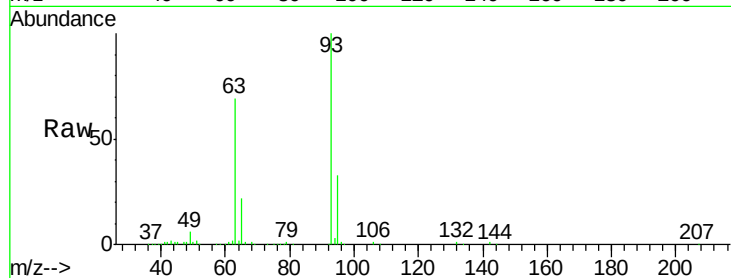




#11
bis(2-Chloroethyl)ether
Concen: 45.70 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

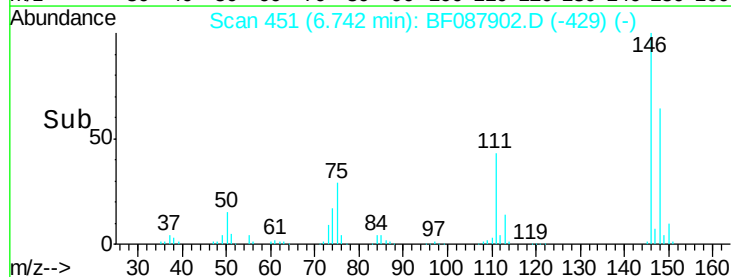
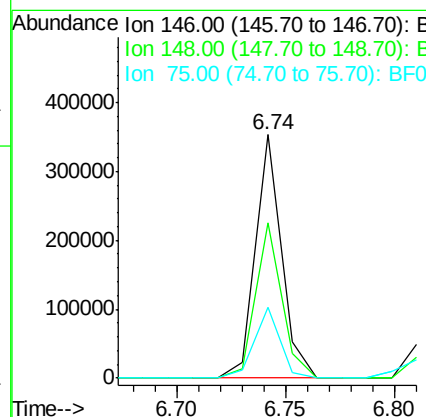
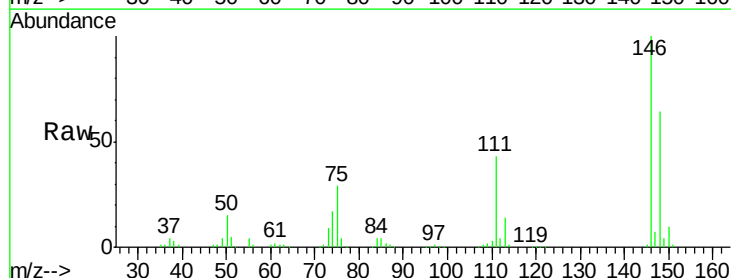
Instrument :
BNA_F
ClientSampleId :
PB91188BS

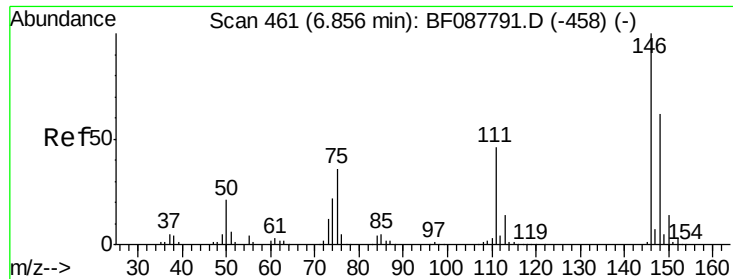
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.7	67.6	107.6
95	33.1	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 39.21 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	28.9	25.6	38.4

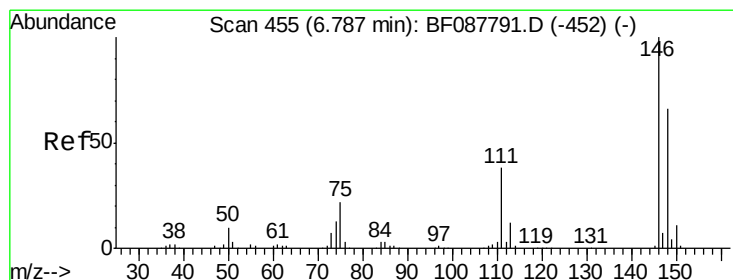
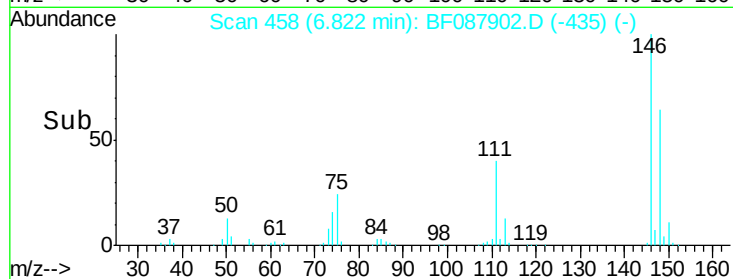
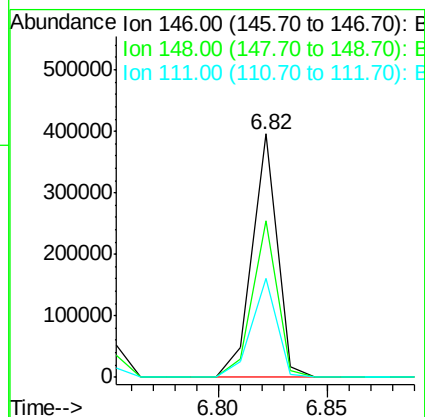
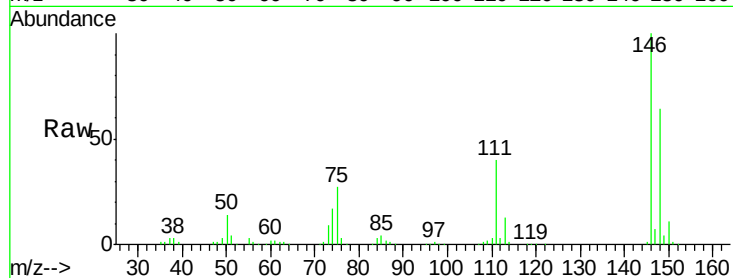




#13
 1,4-Dichlorobenzene
 Concen: 41.79 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

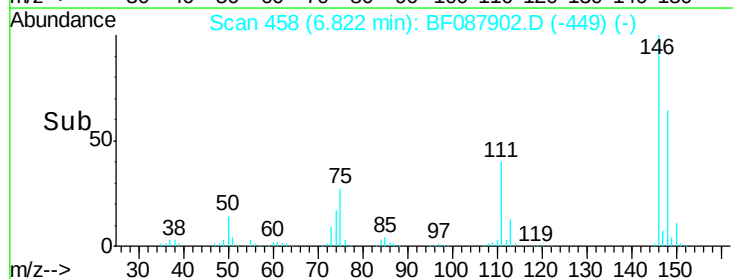
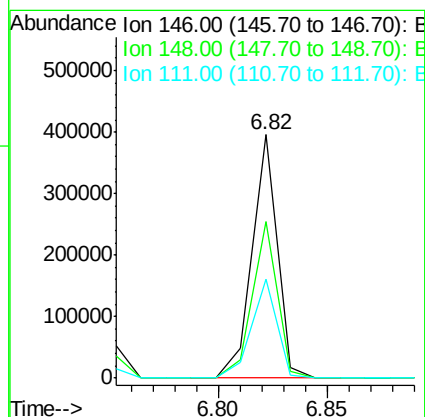
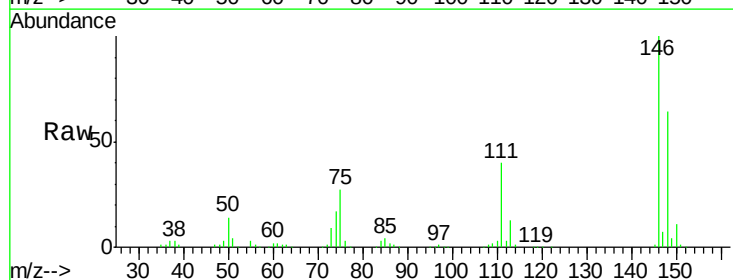
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

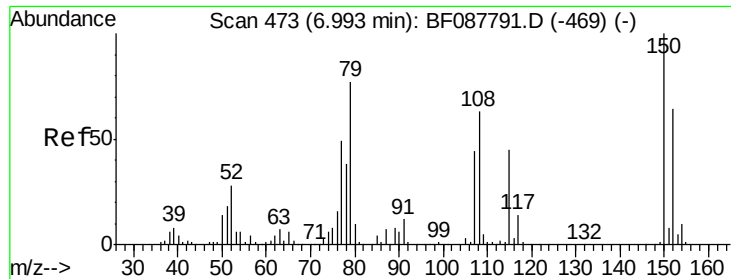
Tot Ion:146 Resp: 316147
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 40.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.96 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:146 Resp: 316147
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 40.4 28.7 43.1

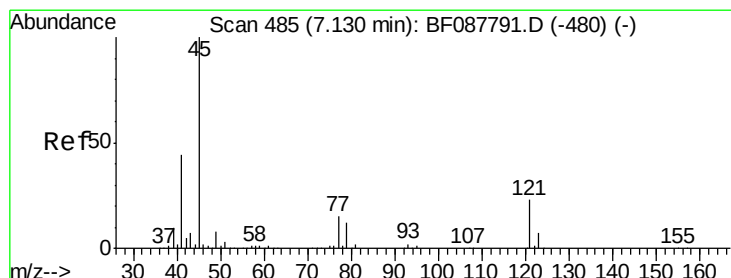
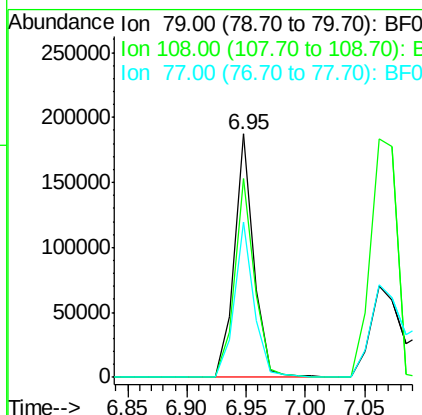
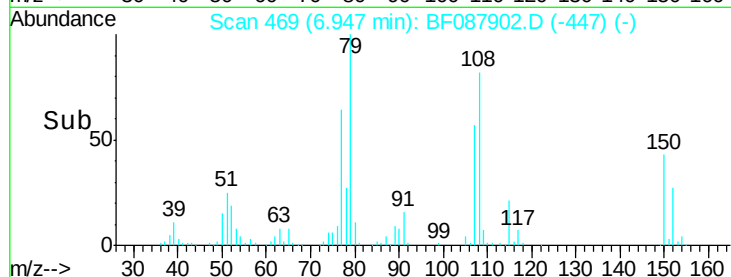
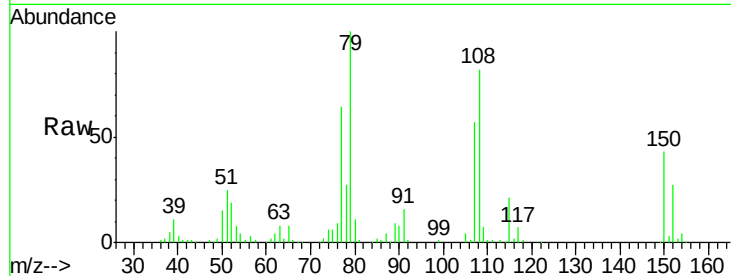




#15
Benzyl Alcohol
Concen: 38.33 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

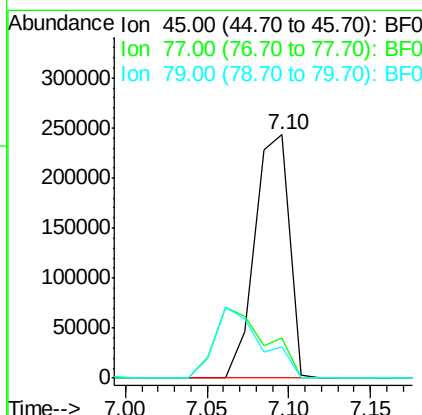
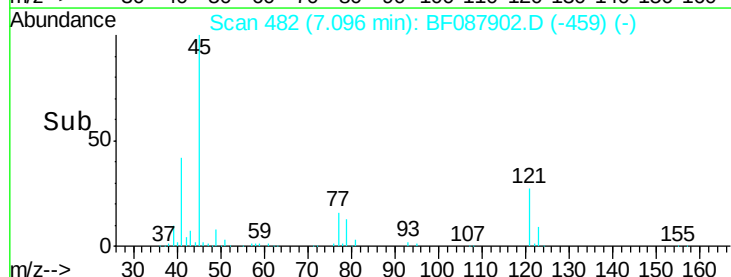
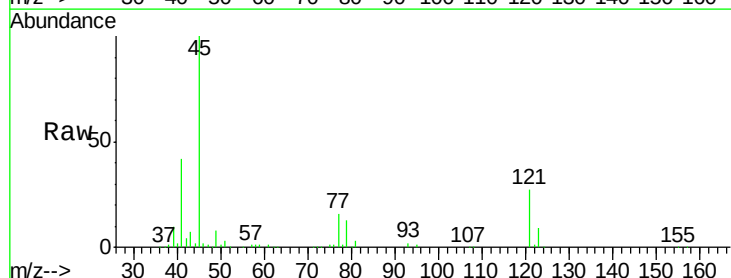
Instrument :
BNA_F
ClientSampleId :
PB91188BS

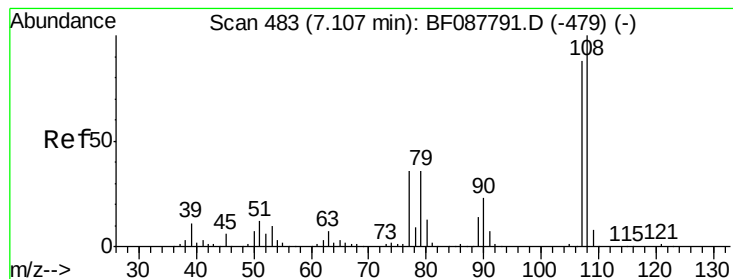
Tot Ion: 79 Resp: 214868
Ion Ratio Lower Upper
79 100
108 81.7 65.0 97.6
77 63.7 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.16 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion: 45 Resp: 357895
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.5
79 12.9 0.0 29.5

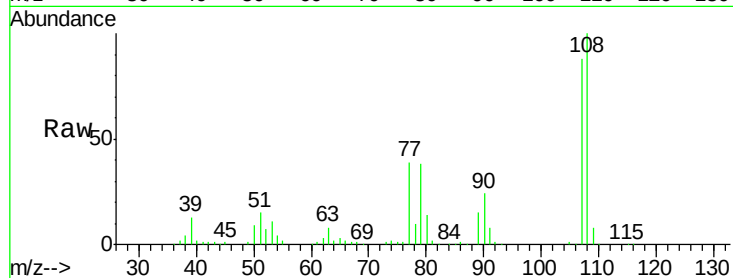




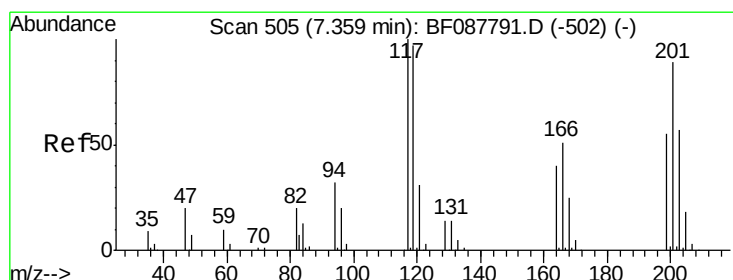
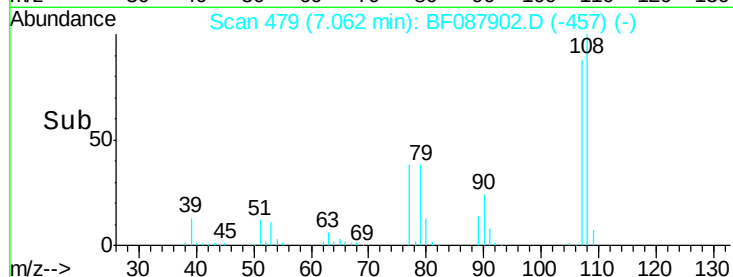
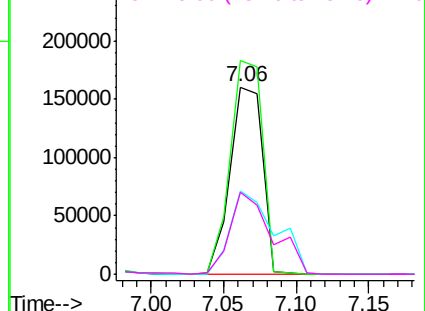
#17
2-Methylphenol
Concen: 44.00 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB91188BS

Tot Ion:	107	Resp:	249719
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.9	136.3
77	44.3	36.6	55.0
79	43.8	36.5	54.7

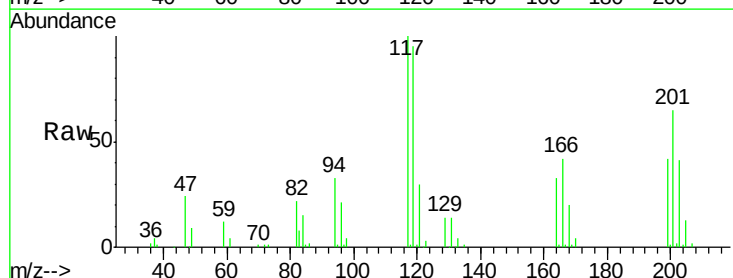


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

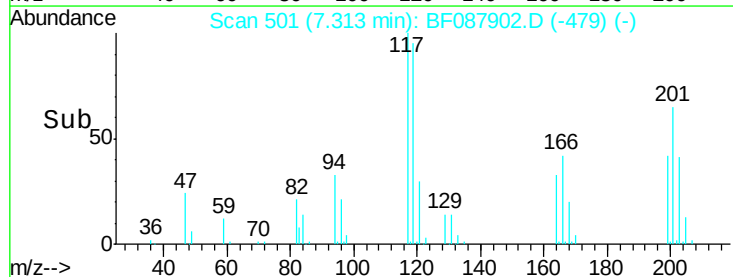
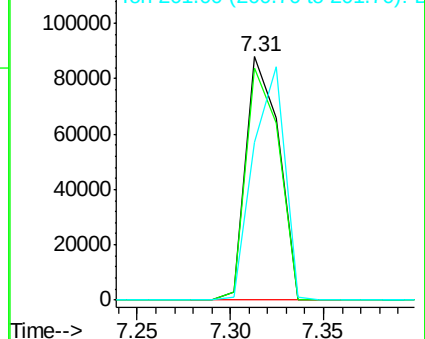


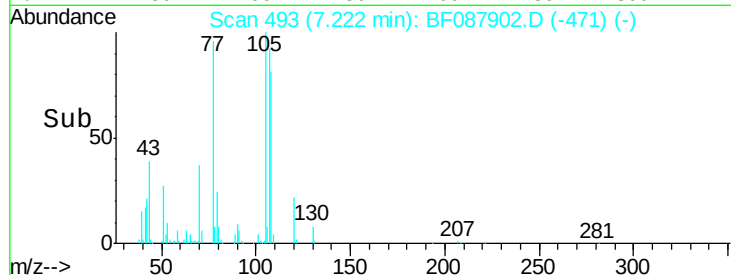
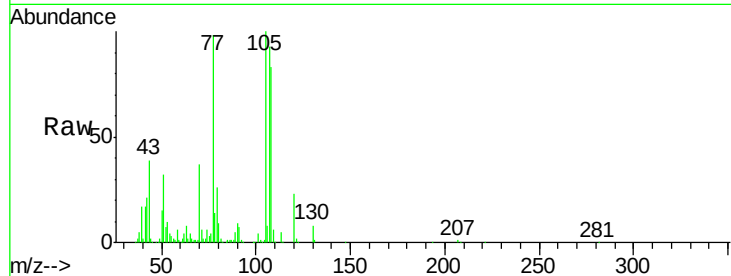
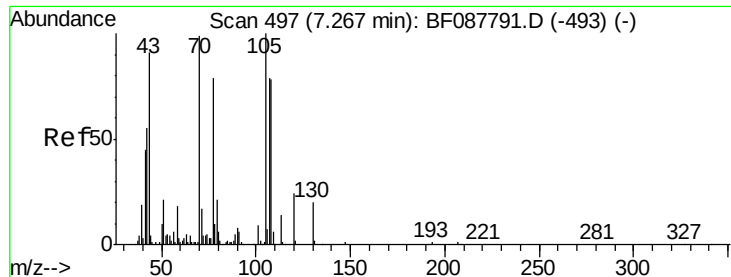
#18
Hexachloroethane
Concen: 40.14 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:	117	Resp:	107737
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.2
201	65.0	80.4	120.6#



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

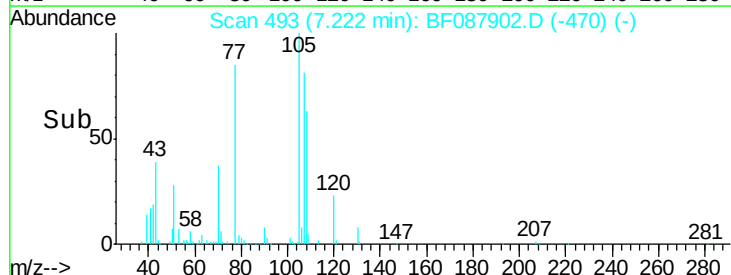
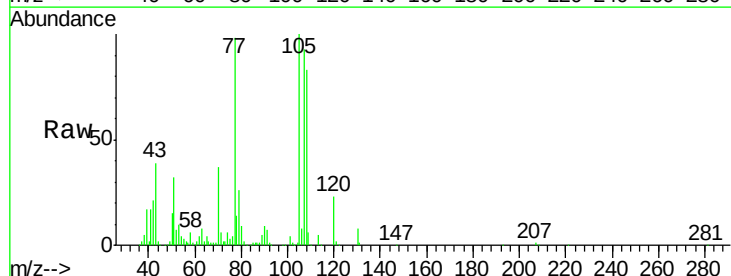
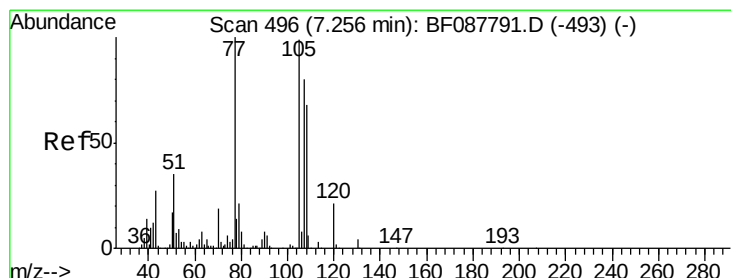
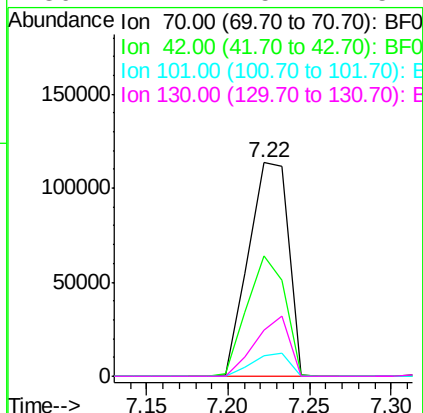




#19
n-Nitroso-di-n-propylamine
Concen: 42.01 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

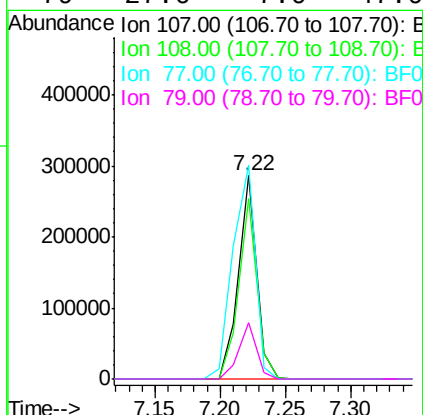
Instrument :
BNA_F
ClientSampleId :
PB91188BS

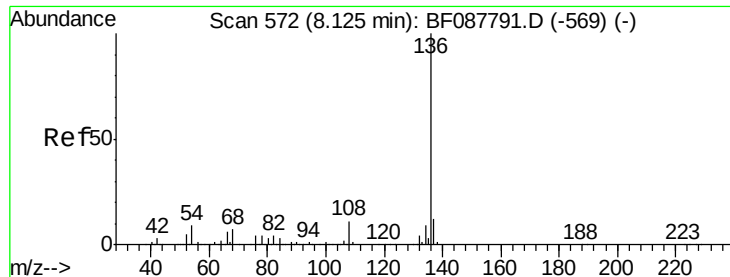
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	49.6	74.4
101	9.7	7.1	10.7
130	21.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 41.65 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.8	107.8
77	105.1	59.3	99.3#
79	27.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

Tot Ion:136 Resp: 419218

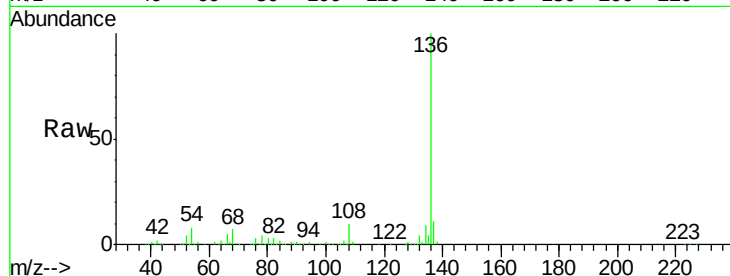
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7

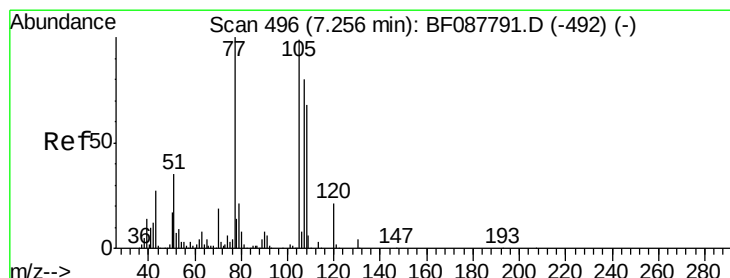
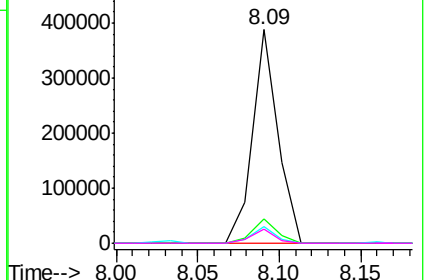
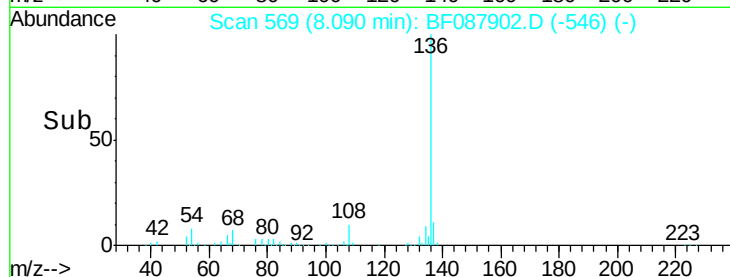


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.37 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Tgt Ion:105 Resp: 378250

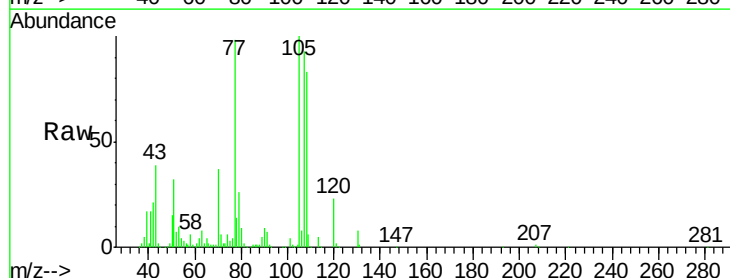
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 32.0 18.2 27.4#

120 22.5 18.0 27.0

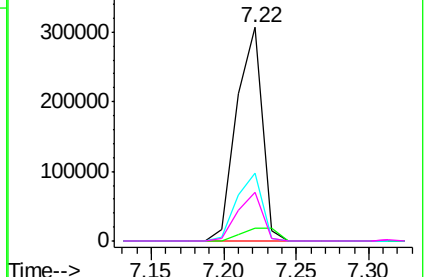
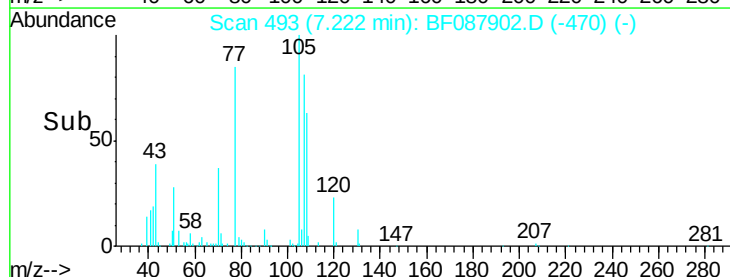


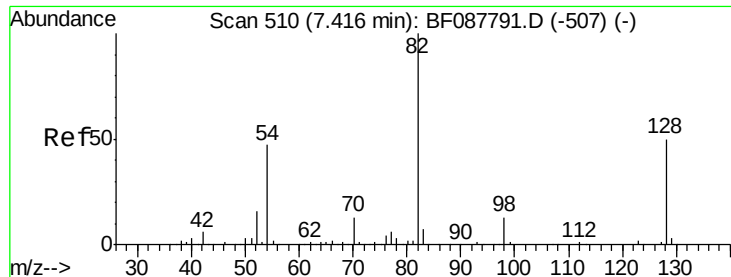
Abundance Ion 105.00 (104.70 to 105.70): E

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

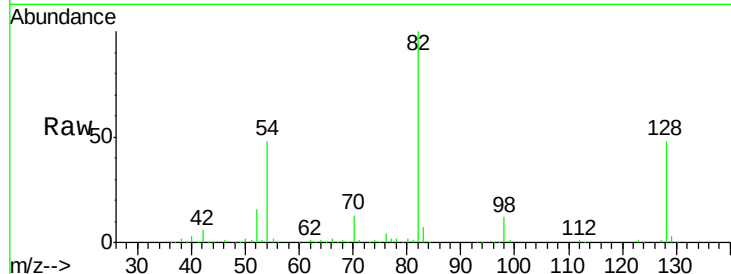




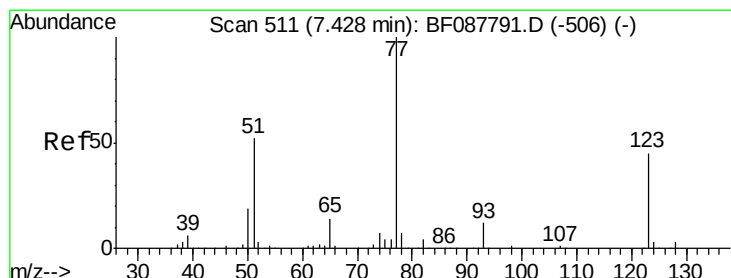
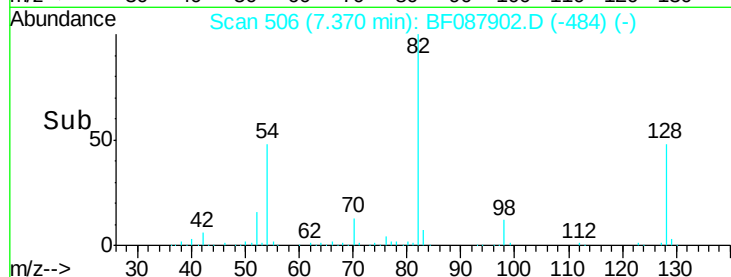
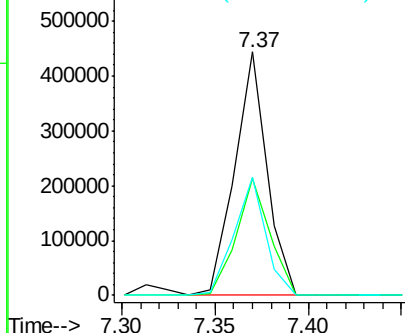
#23
 Nitrobenzene-d5
 Concen: 74.65 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleID :
 PB91188BS

Tot Ion: 82 Resp: 535952
 Ion Ratio Lower Upper
 82 100
 128 47.8 35.9 53.9
 54 48.3 40.9 61.3

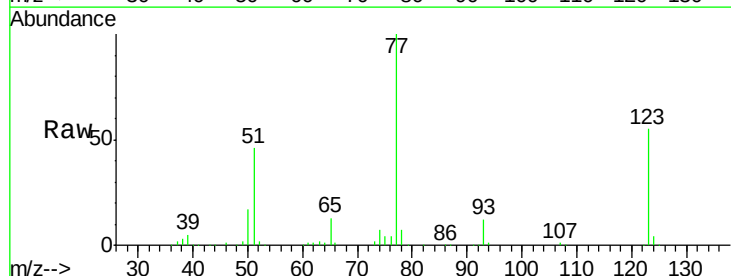


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

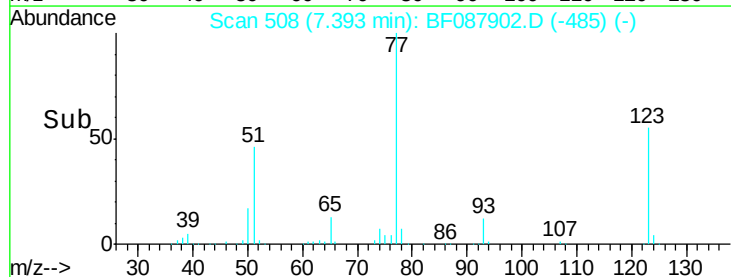
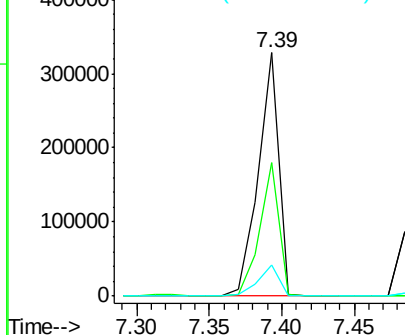


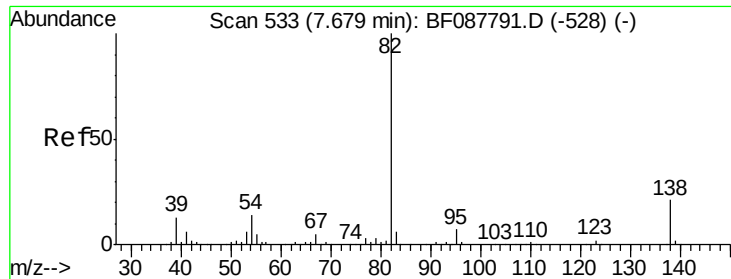
#24
 Nitrobenzene
 Concen: 46.13 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion: 77 Resp: 320807
 Ion Ratio Lower Upper
 77 100
 123 54.7 45.0 67.4
 65 13.0 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.93 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

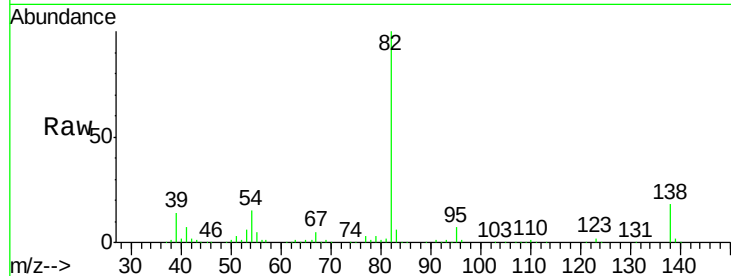
Tot Ion: 82 Resp: 544300

Ion Ratio Lower Upper

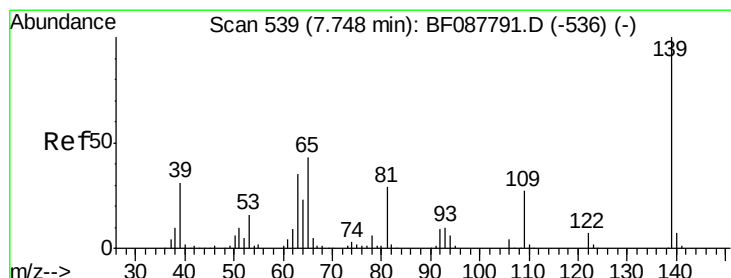
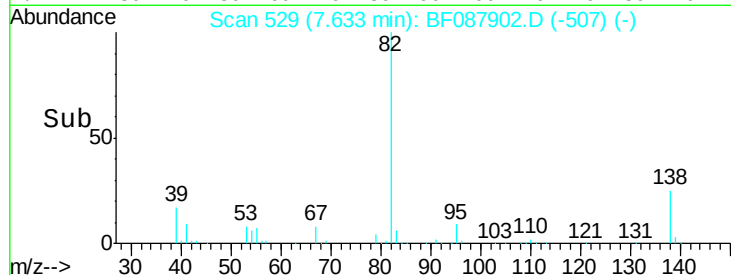
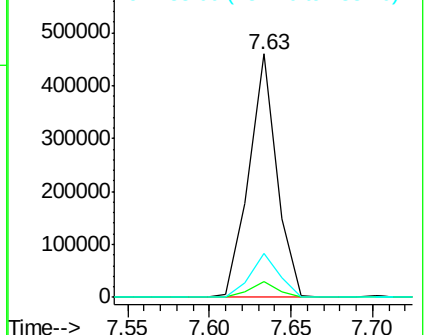
82 100

95 6.7 5.4 8.2

138 18.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.22 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

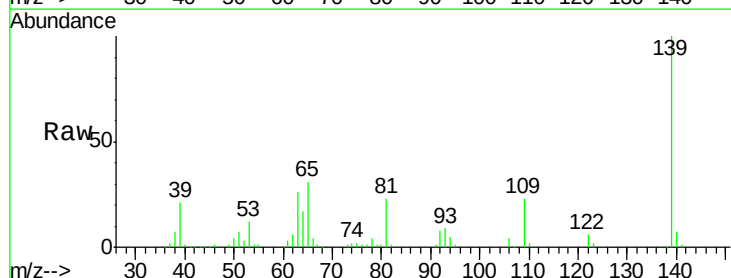
Tgt Ion: 139 Resp: 172162

Ion Ratio Lower Upper

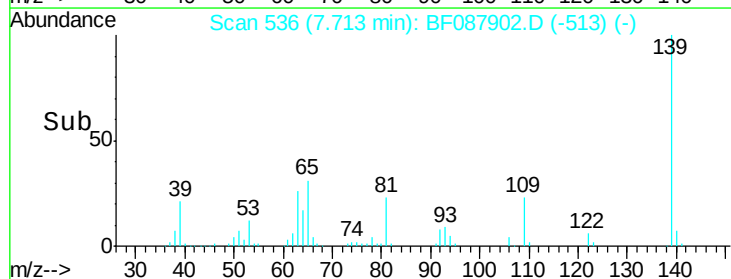
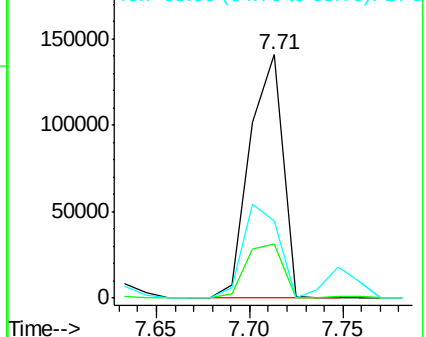
139 100

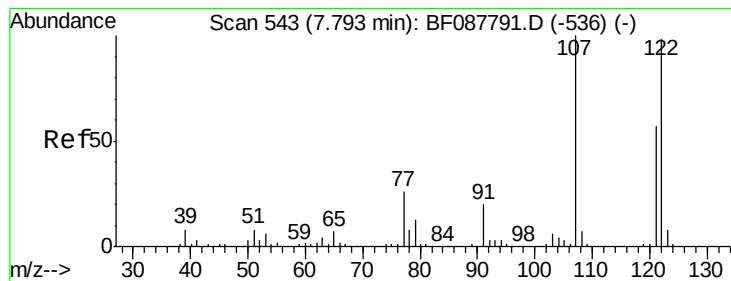
109 22.5 23.0 34.4#

65 31.5 45.8 68.8#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

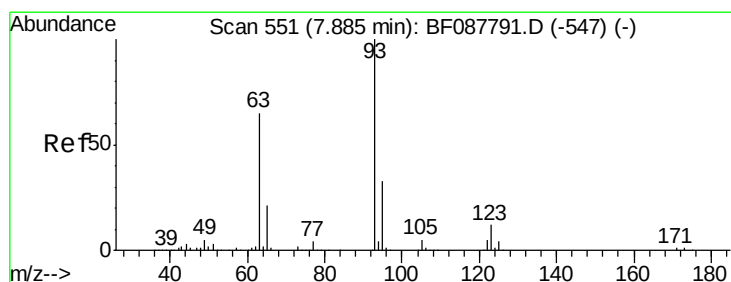
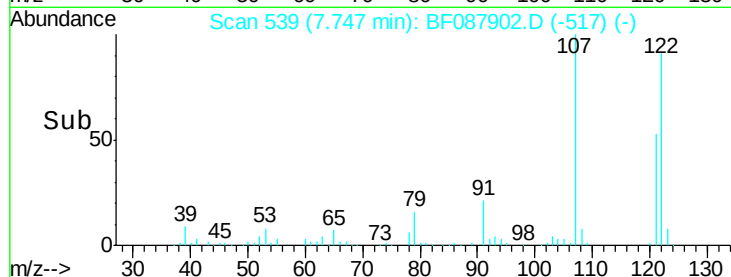
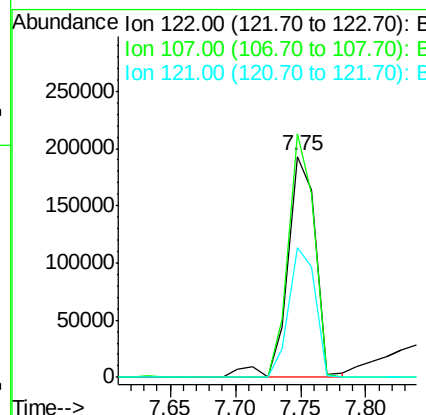
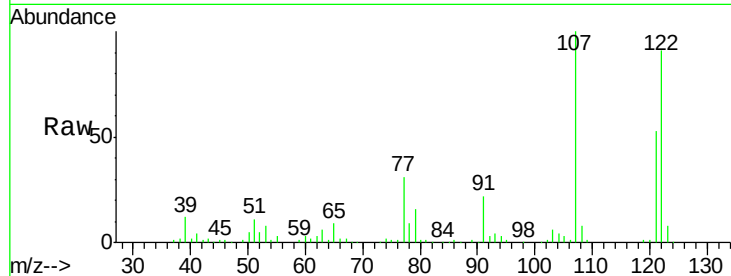




#27
 2,4-Dimethylphenol
 Concen: 42.39 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

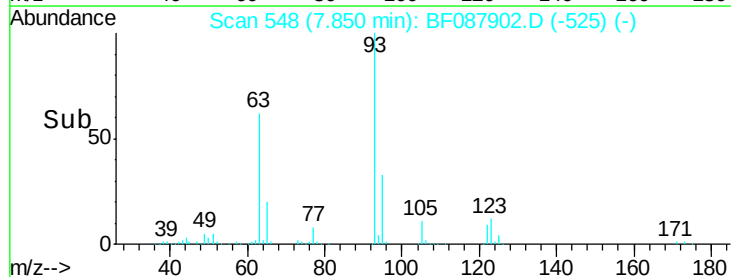
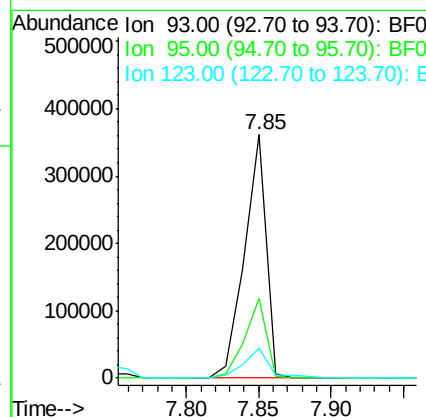
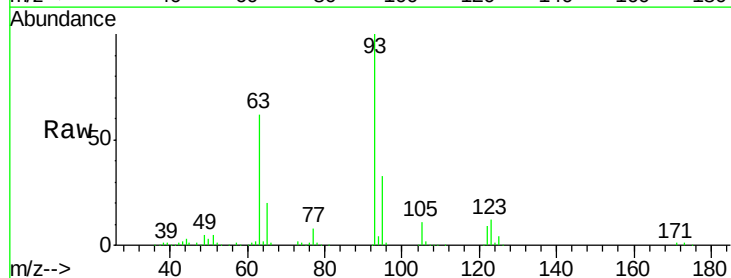
Instrument :
 BNA_F
 ClientSampled :
 PB91188BS

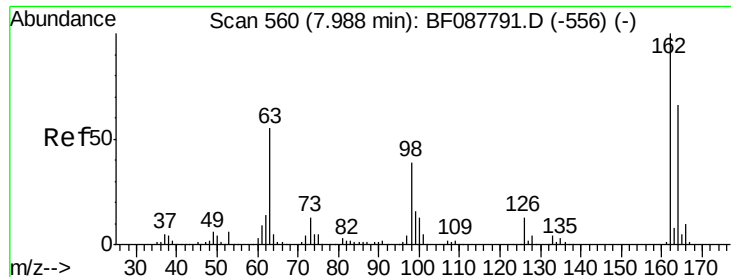
Tot Ion:122 Resp: 290726
 Ion Ratio Lower Upper
 122 100
 107 110.1 82.4 123.6
 121 58.5 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.51 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion: 93 Resp: 375328
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 12.3 11.6 17.4

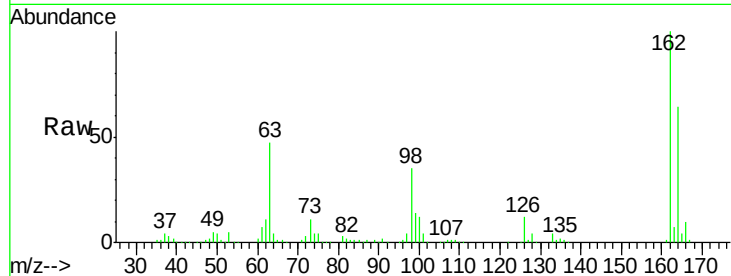




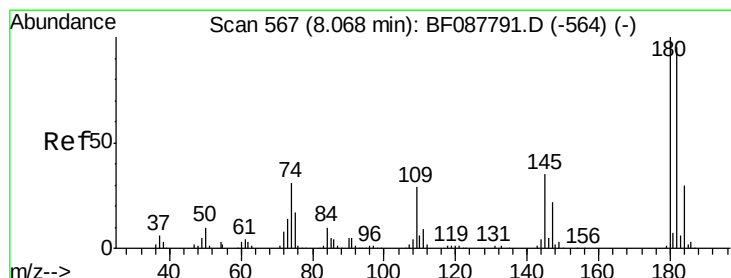
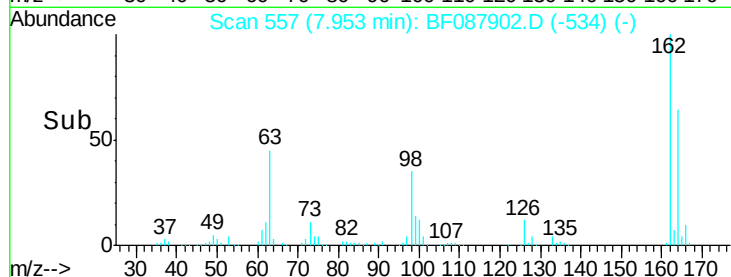
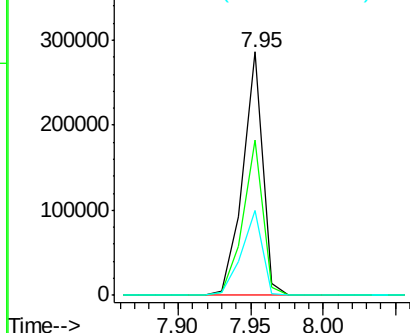
#29
 2,4-Dichlorophenol
 Concen: 47.69 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	35.1	21.3	61.3

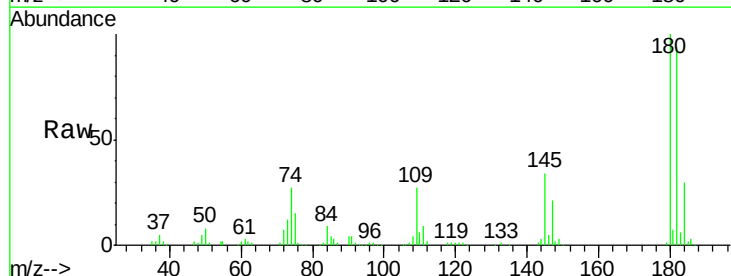


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

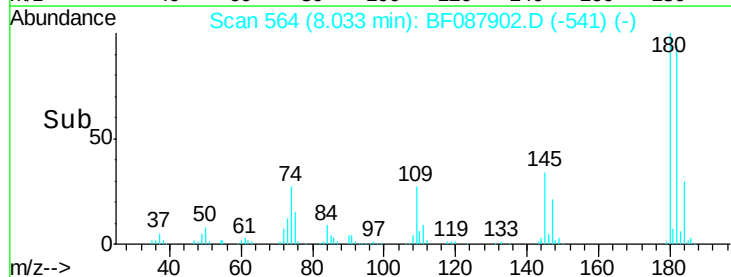
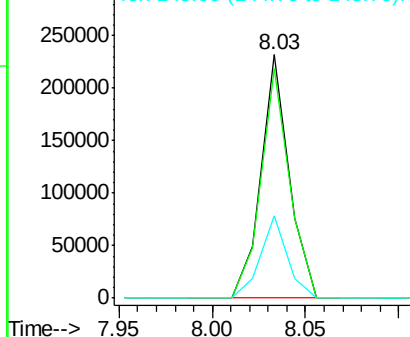


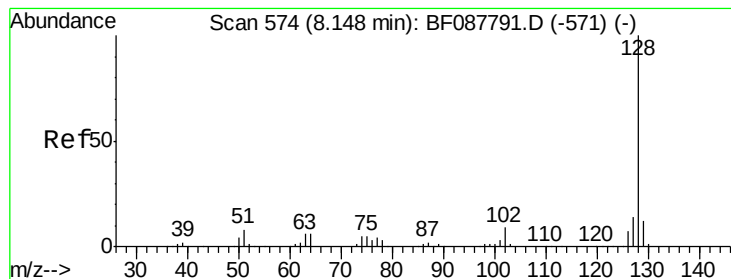
#30
 1,2,4-Trichlorobenzene
 Concen: 39.39 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	33.9	26.5	39.7



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: 39.40 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampled :

PB91188BS

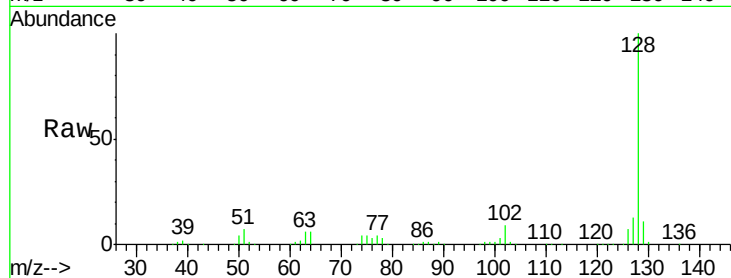
Tot Ion:128 Resp: 817461

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

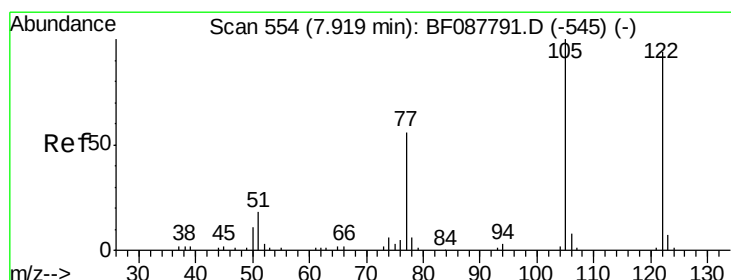
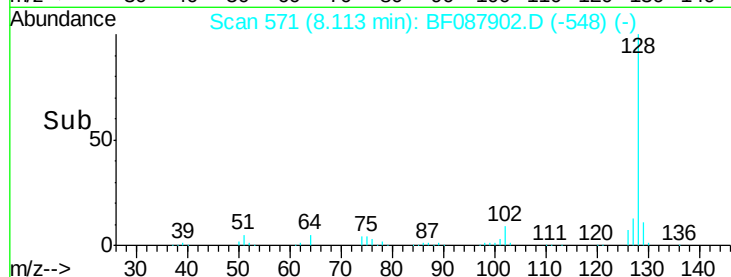
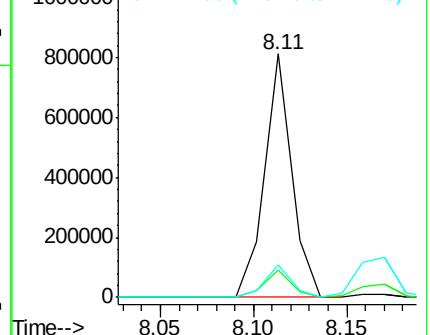
127 13.4 10.9 16.3



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: 49.28 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

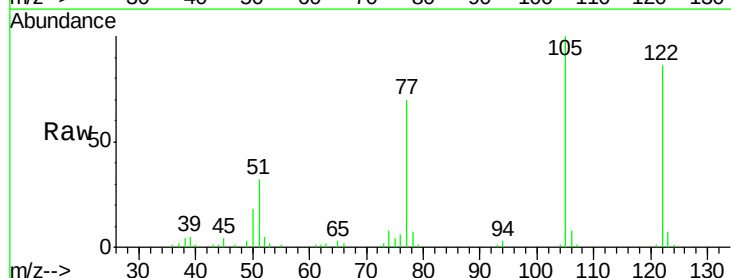
Tgt Ion:122 Resp: 186113

Ion Ratio Lower Upper

122 100

105 116.7 101.6 141.6

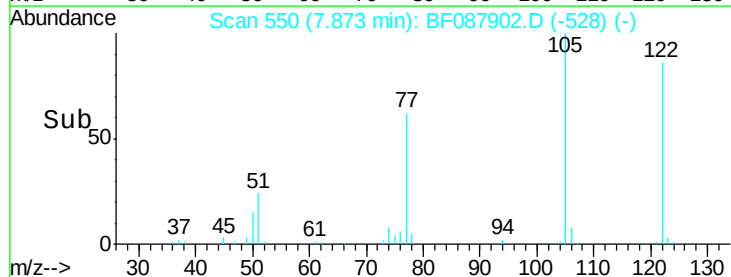
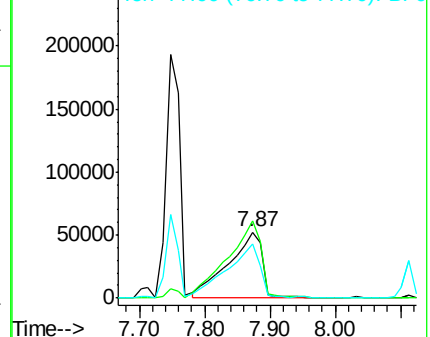
77 81.9 70.6 110.6

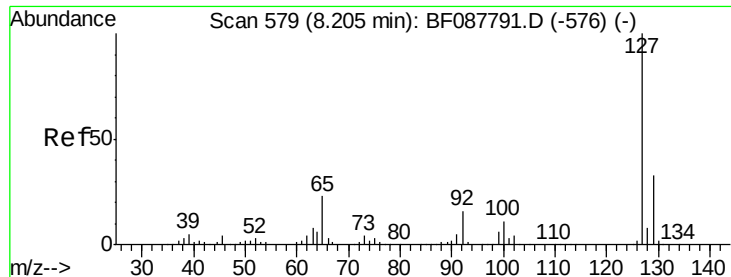


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

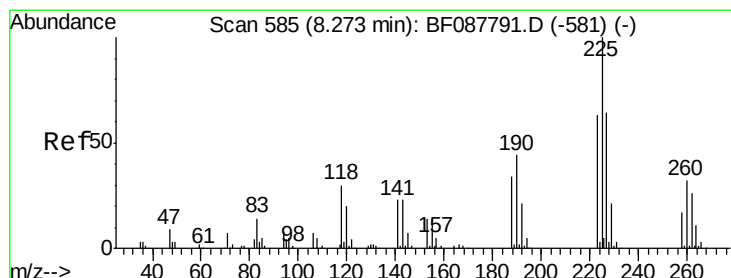
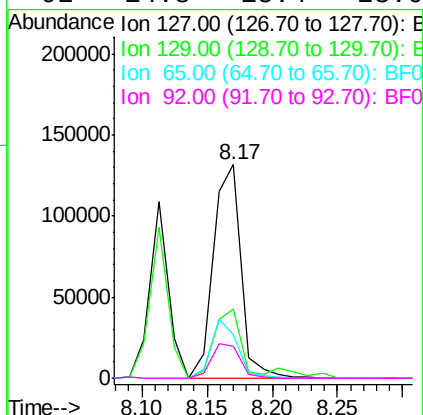
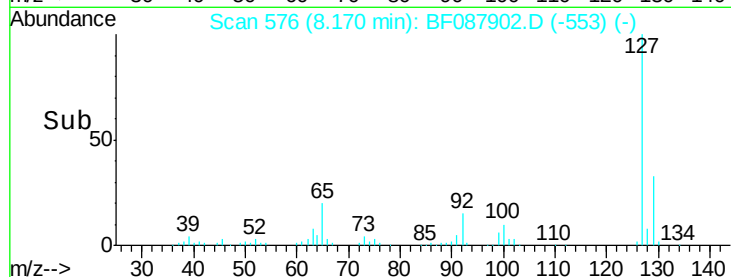
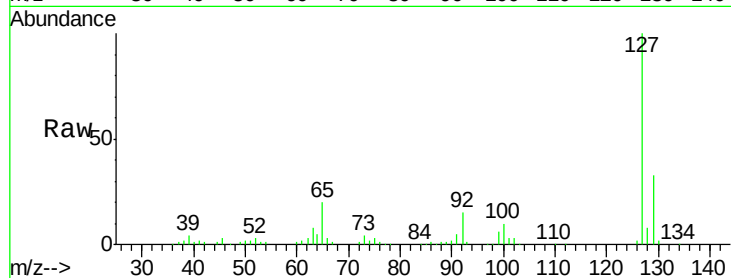




#33
4-Chloroaniline
Concen: 21.02 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

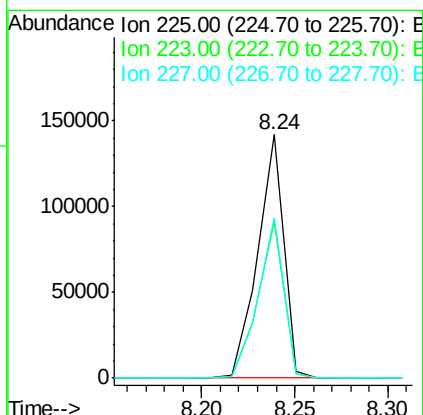
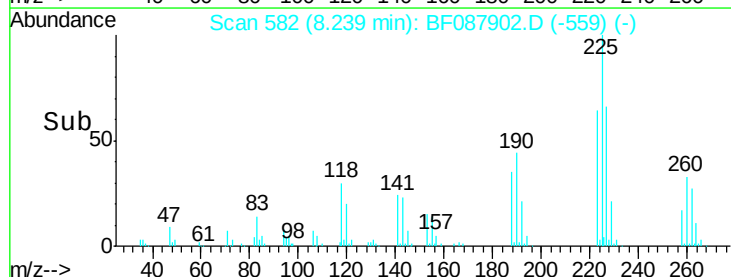
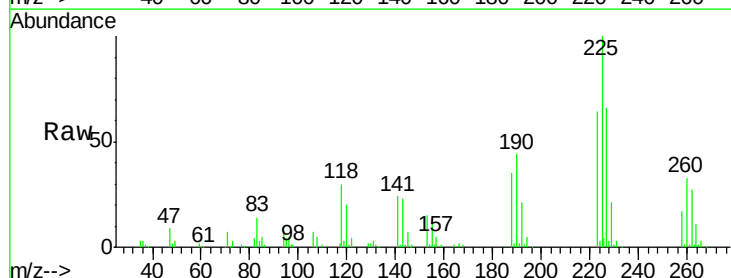
Instrument :
BNA_F
ClientSampleId :
PB91188BS

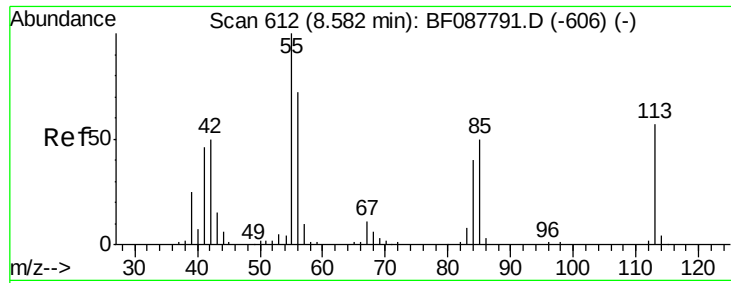
Tot Ion:	127	Resp:	194747
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	20.5	24.7	37.1#
92	14.8	15.4	23.0#



#34
Hexachlorobutadiene
Concen: 41.49 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:	225	Resp:	136458
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	65.8	51.9	77.9

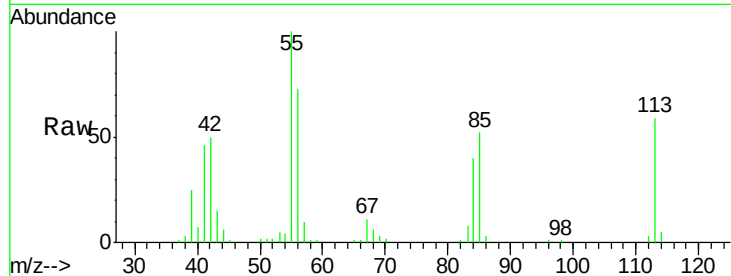




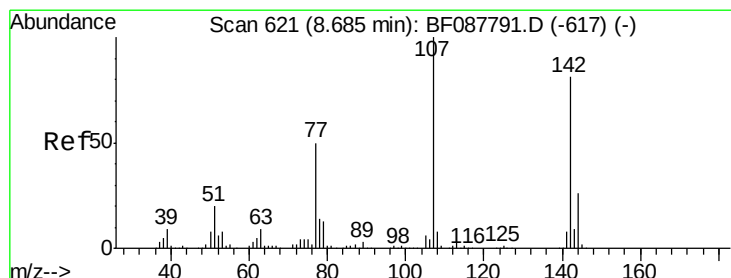
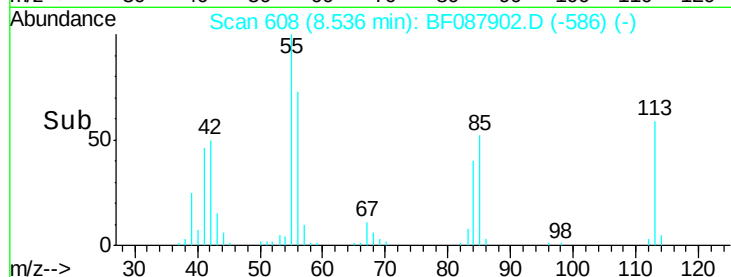
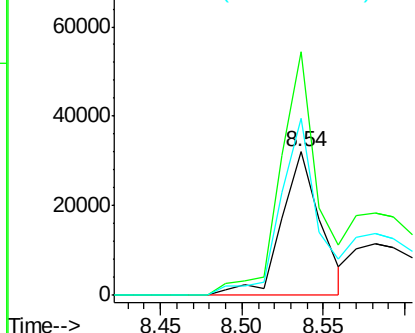
#35
 Caprolactam
 Concen: 28.08 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Tot Ion:113 Resp: 53261
 Ion Ratio Lower Upper
 113 100
 55 169.6 158.6 198.6
 56 123.0 110.6 150.6

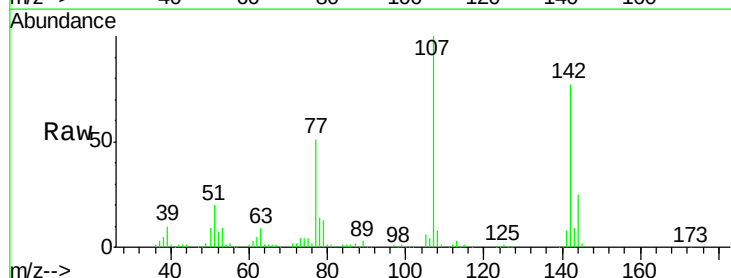


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

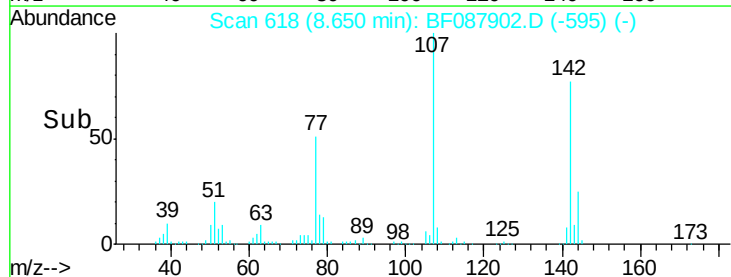
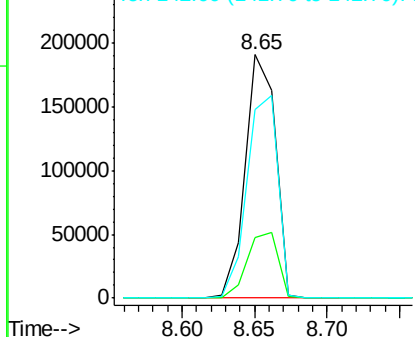


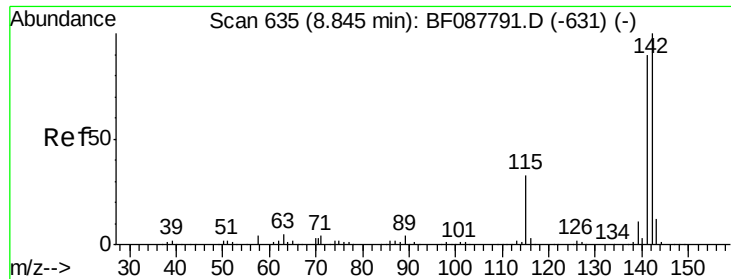
#36
 4-Chloro-3-methylphenol
 Concen: 45.18 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:107 Resp: 276724
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 77.4 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

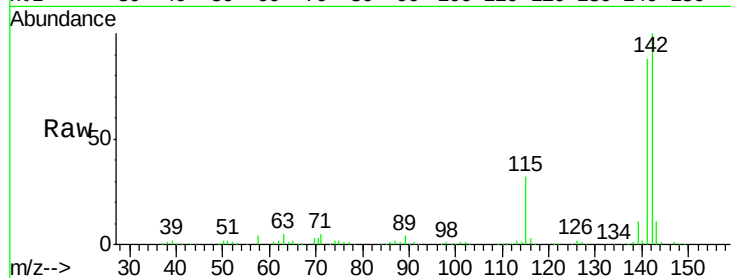




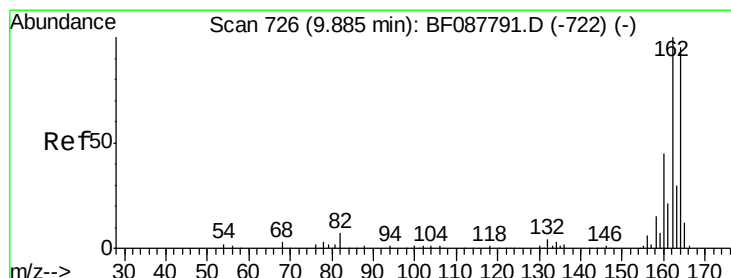
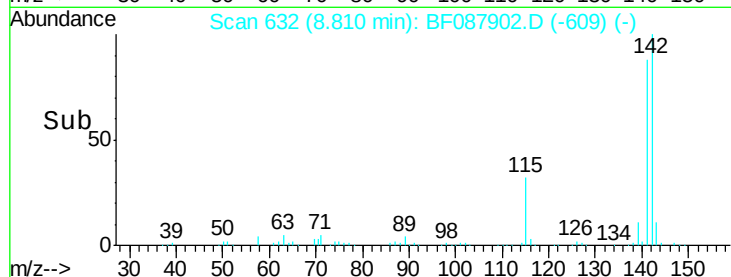
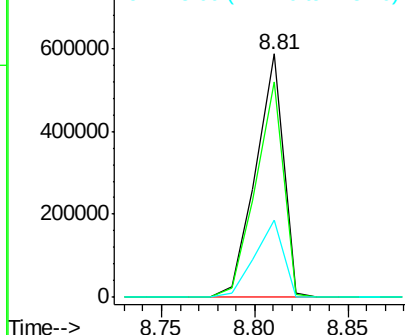
#37
2-Methylnaphthalene
Concen: 44.20 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB91188BS

Tot Ion:142 Resp: 604393
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 31.9 22.6 33.8

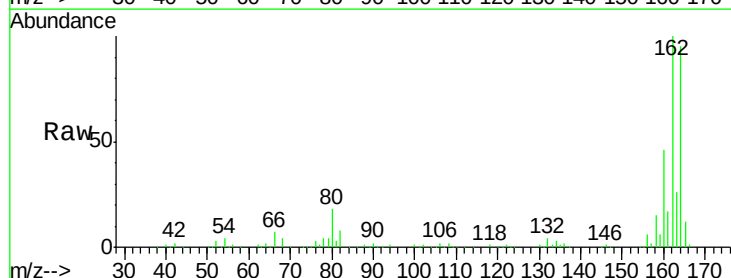


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

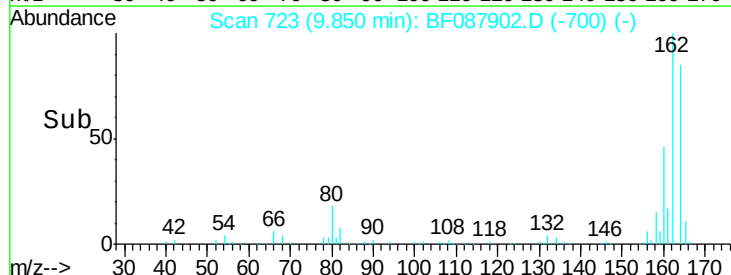
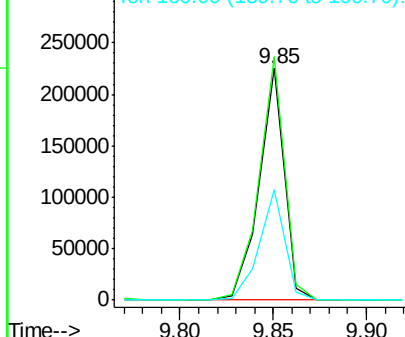


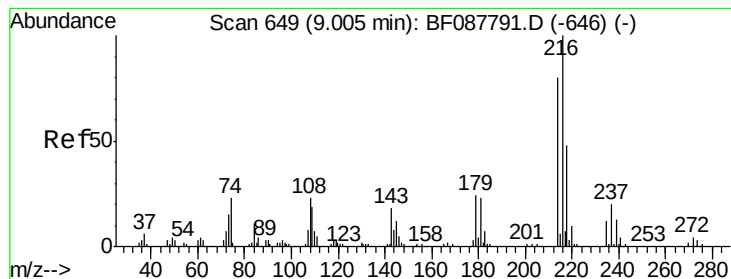
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:164 Resp: 209154
Ion Ratio Lower Upper
164 100
162 105.0 85.4 128.2
160 47.8 39.5 59.3



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: 39.88 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

Tot Ion:216 Resp: 225536

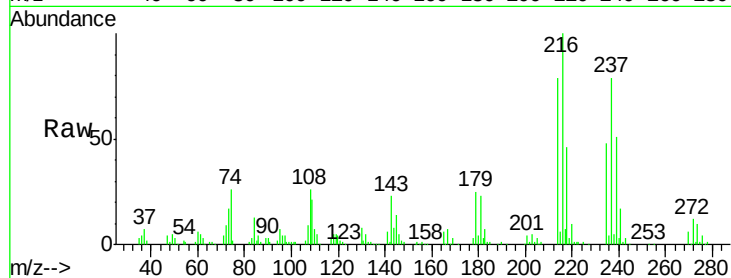
Ion Ratio Lower Upper

216 100

214 77.7 2.9 4.3#

179 21.3 0.0 0.0#

108 21.9 0.5 0.7#

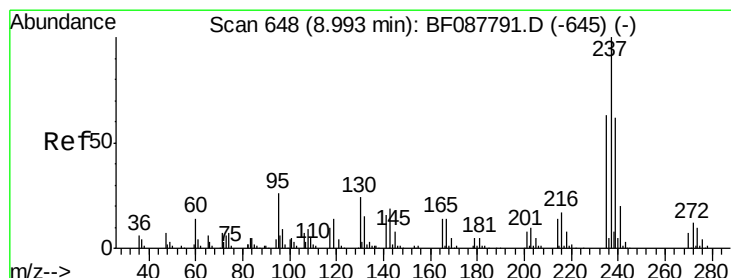
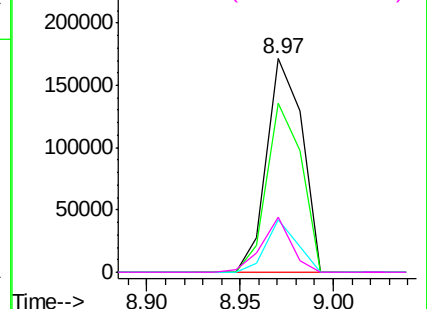
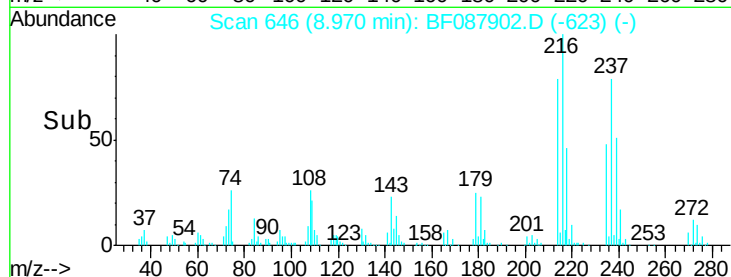


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.84 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

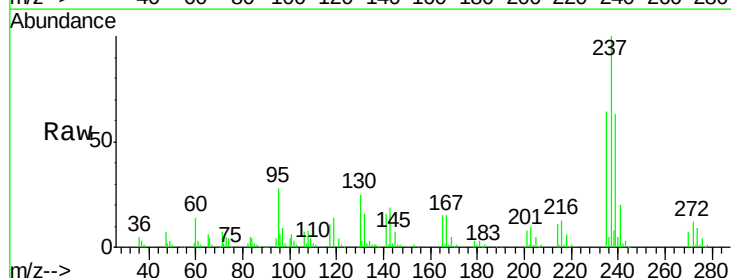
Tgt Ion:237 Resp: 252490

Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

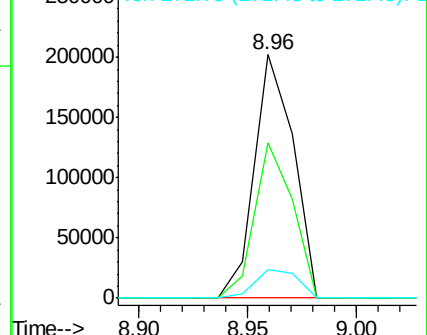
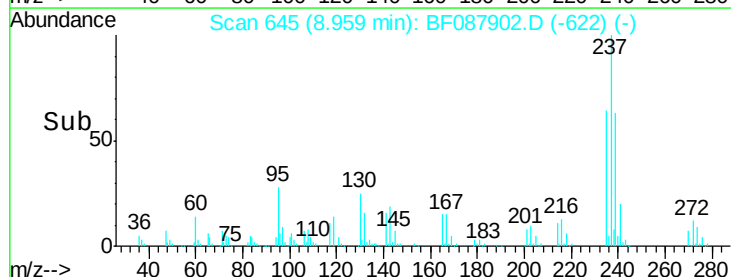
272 12.0 0.0 32.3

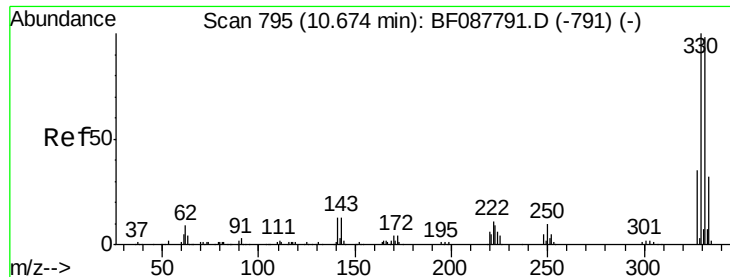


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

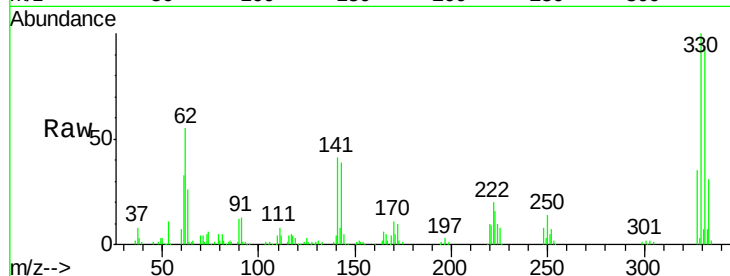




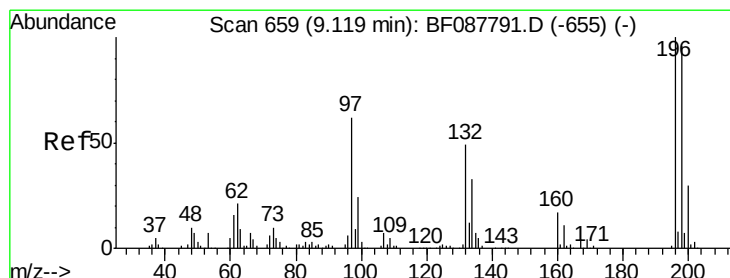
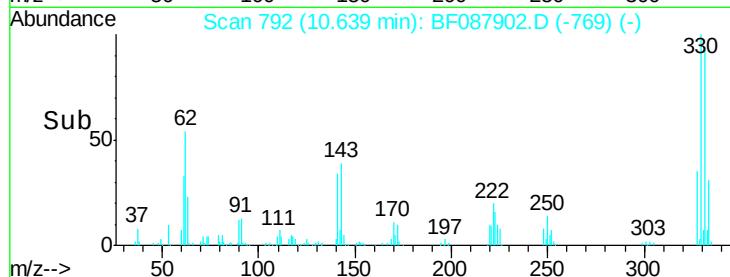
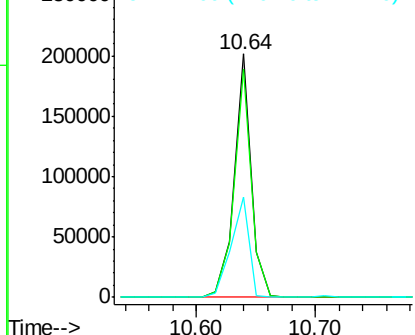
#41
 2,4,6-Tribromophenol
 Concen: 90.55 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	43.4	0.0	0.0#

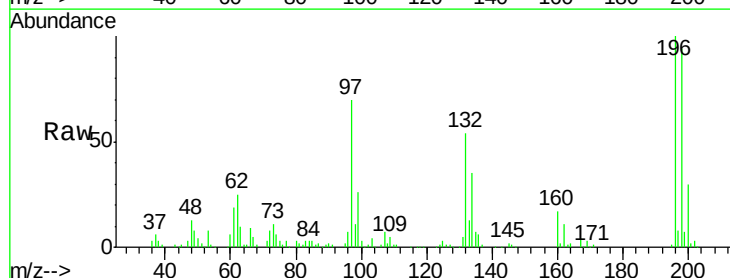


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

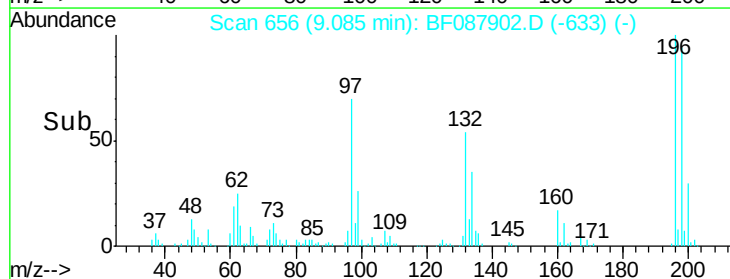
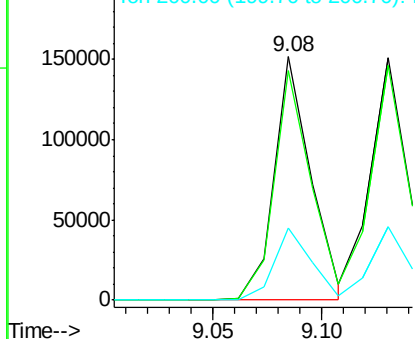


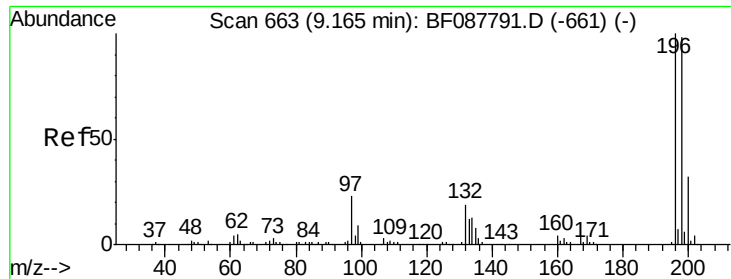
#42
 2,4,6-Trichlorophenol
 Concen: 42.72 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.0	117.0
200	29.8	25.4	38.2



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

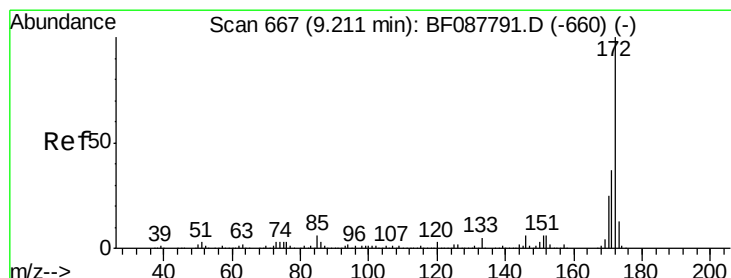
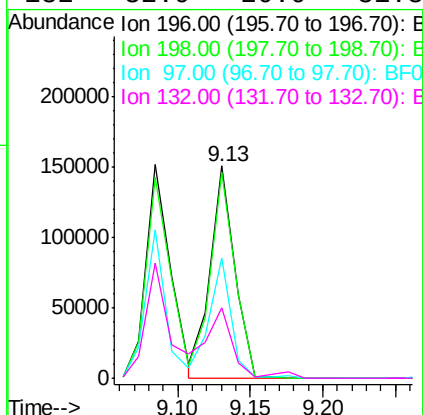
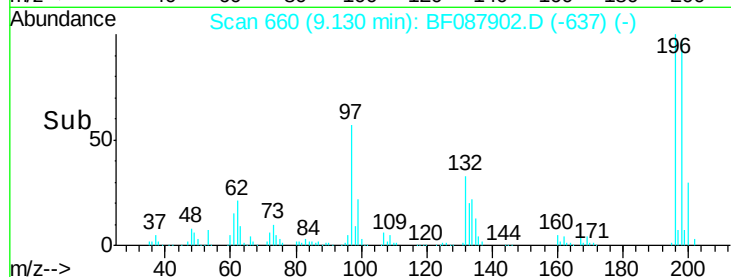
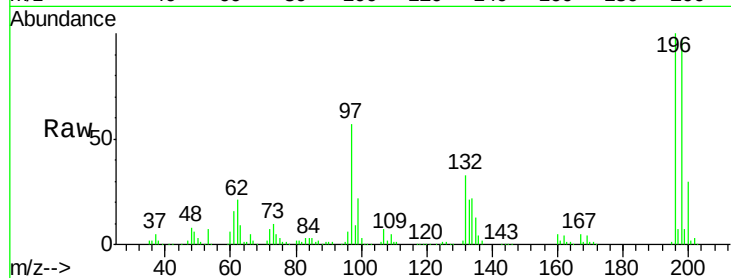




#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

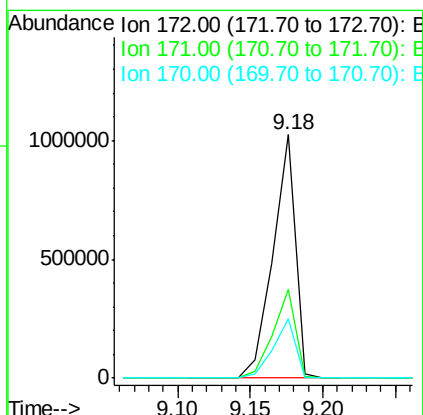
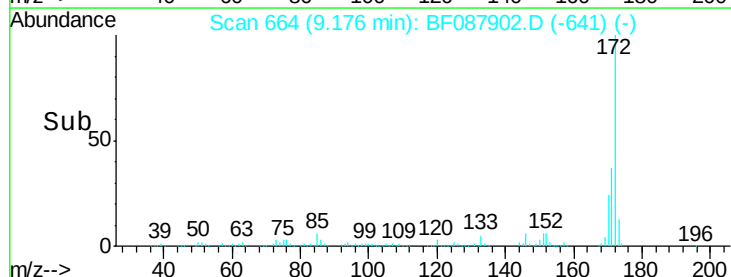
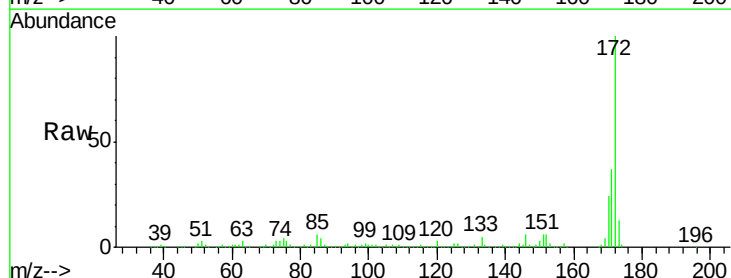
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

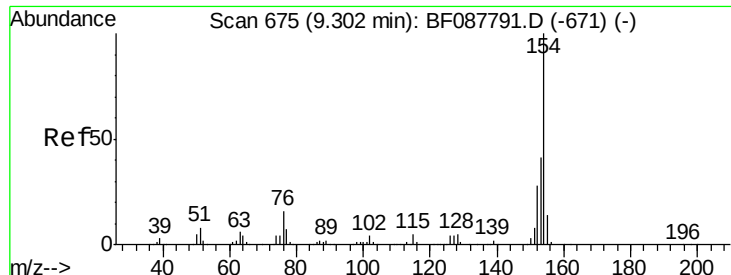
Tot Ion:196 Resp: 177345
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.5 116.3
 97 57.0 32.0 48.0#
 132 32.9 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:172 Resp: 1098680
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.3 19.2 28.8





#45

1,1'-Biphenyl

Concen: 44.71 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

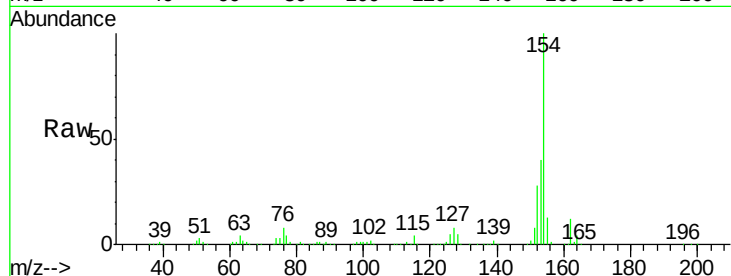
Tot Ion:154 Resp: 702599

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

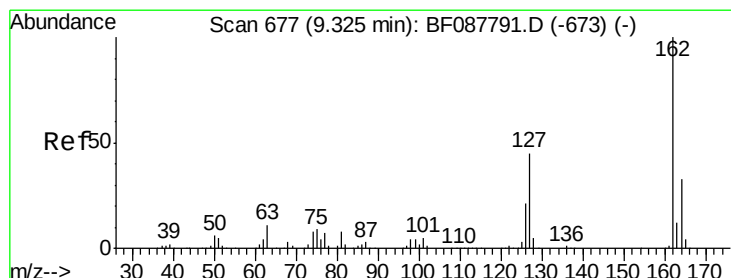
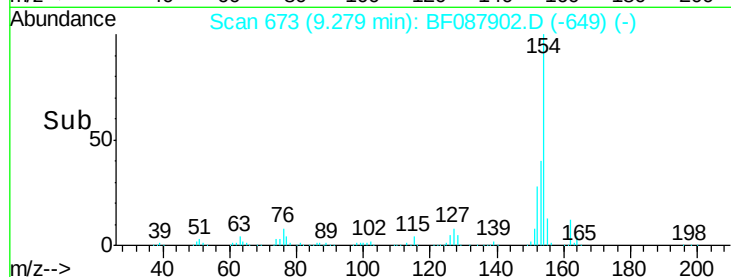
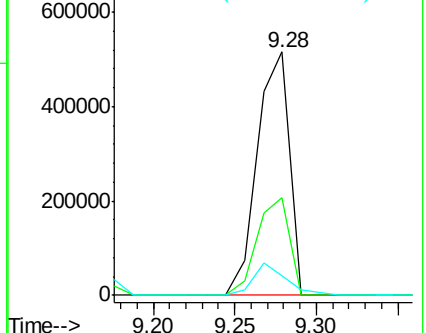
76 8.0 0.0 35.1



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: 40.96 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

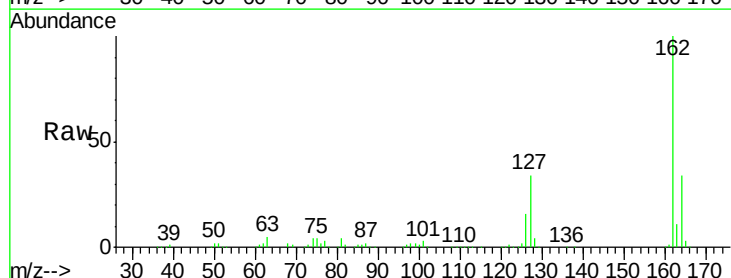
Tgt Ion:162 Resp: 554355

Ion Ratio Lower Upper

162 100

127 33.7 35.2 52.8#

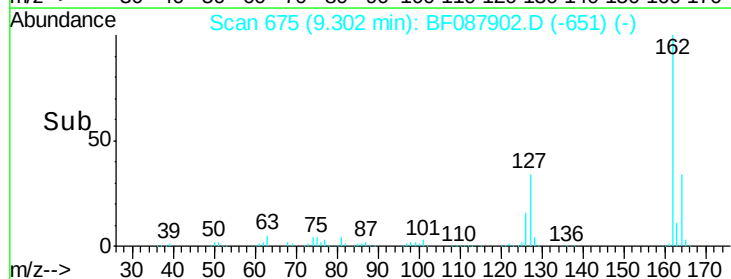
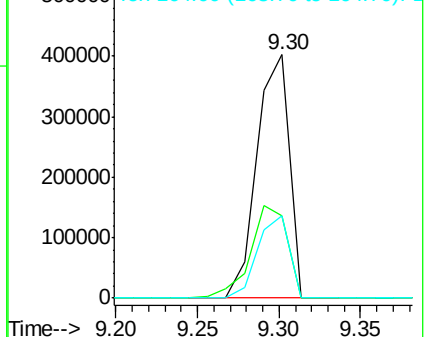
164 34.0 26.6 39.8

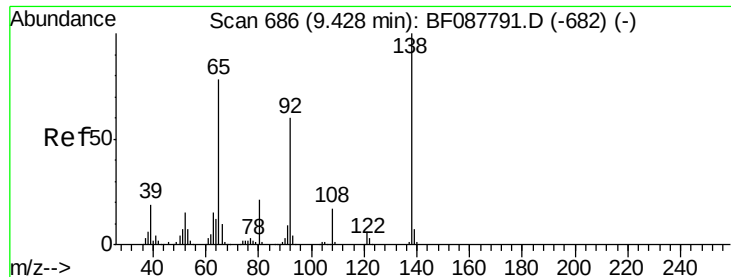


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

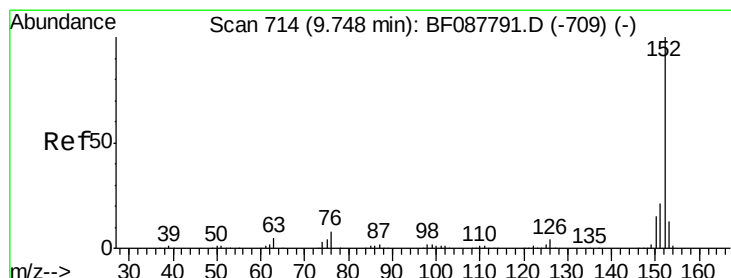
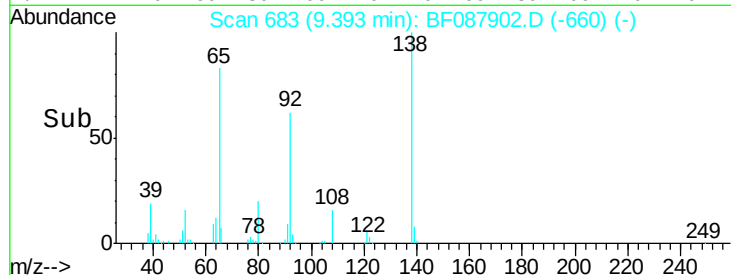
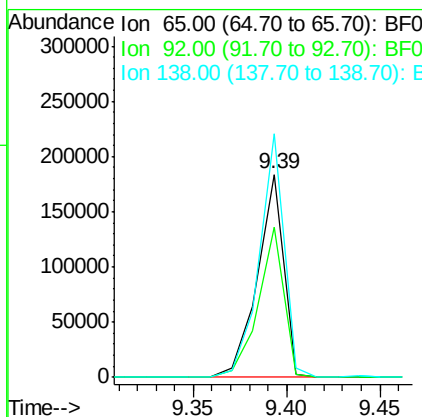
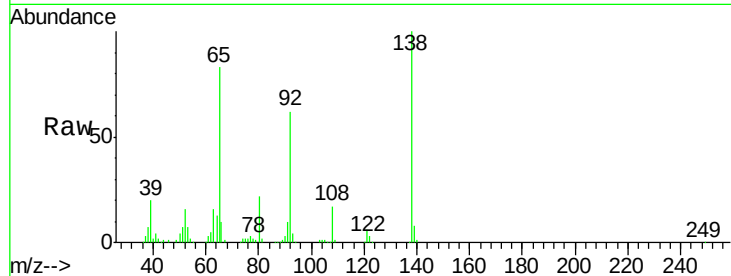




#47
2-Nitroaniline
Concen: 44.66 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

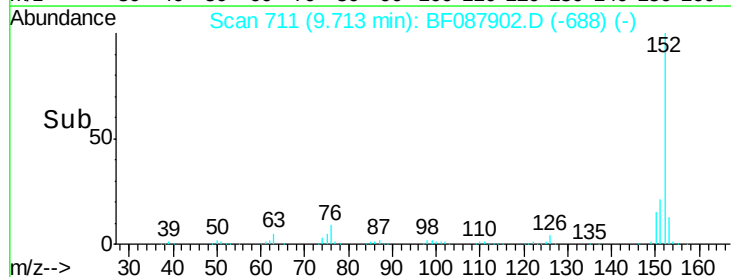
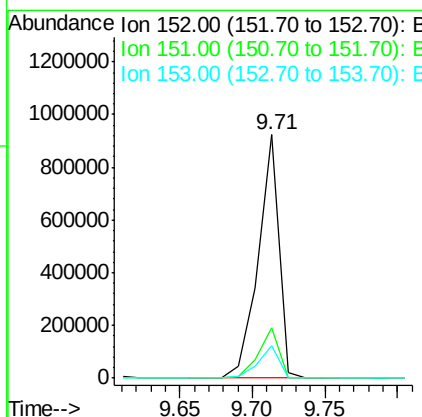
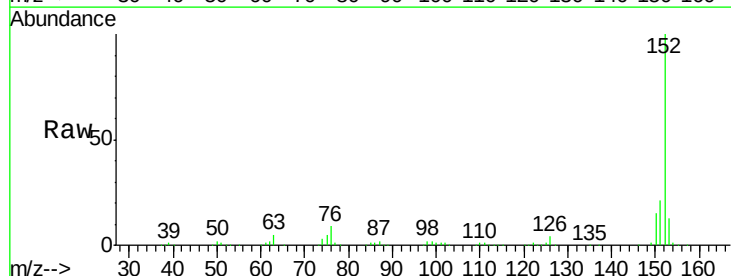
Instrument :
BNA_F
ClientSampleId :
PB91188BS

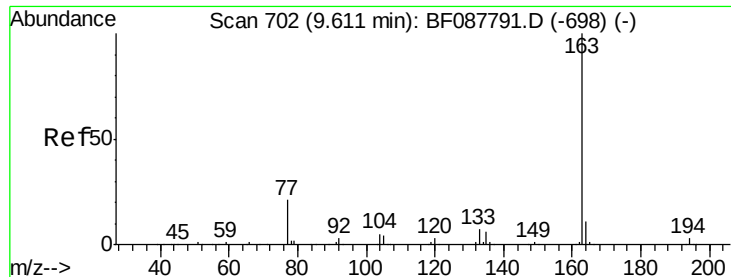
Tot Ion: 65 Resp: 178316
Ion Ratio Lower Upper
65 100
92 74.1 54.6 82.0
138 119.8 77.0 115.4#



#48
Acenaphthylene
Concen: 42.36 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion: 152 Resp: 911990
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 41.66 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

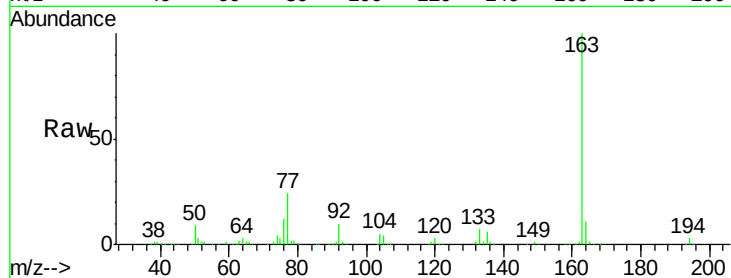
Tot Ion:163 Resp: 631153

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

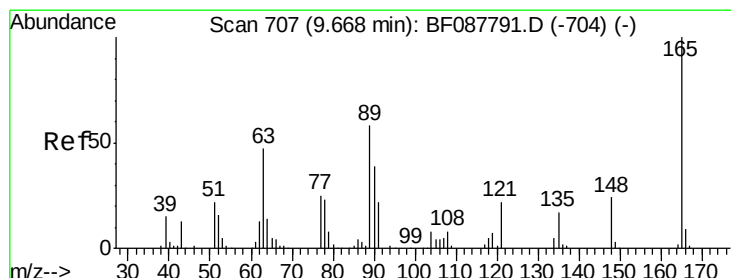
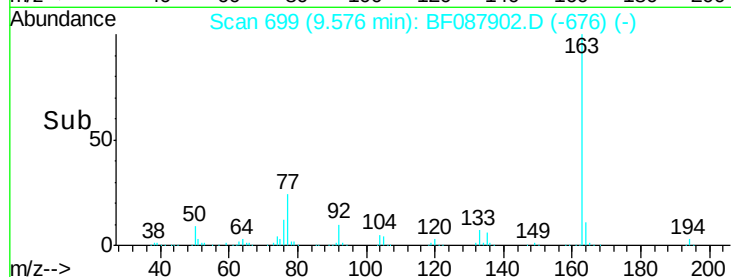
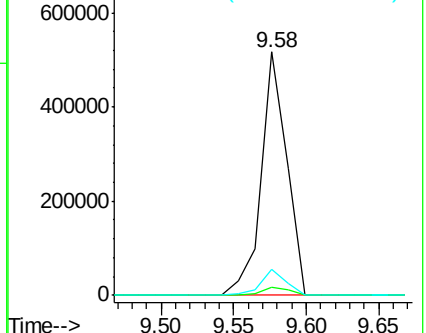
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.51 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

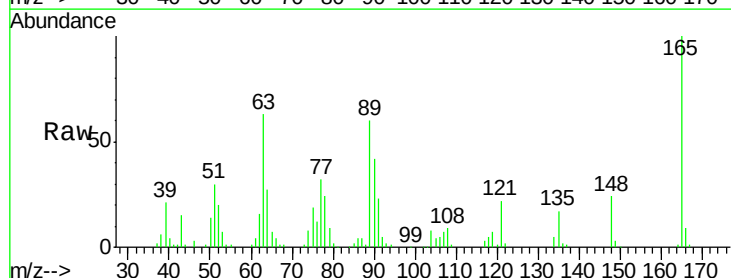
Tgt Ion:165 Resp: 144017

Ion Ratio Lower Upper

165 100

63 62.7 28.1 42.1#

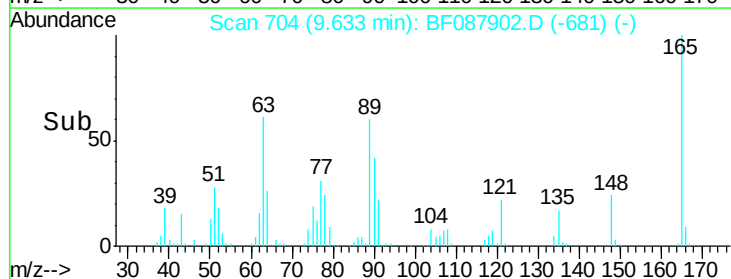
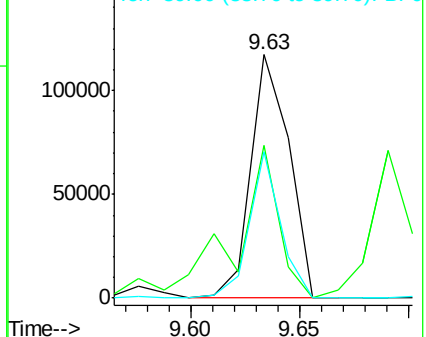
89 60.4 32.2 48.2#

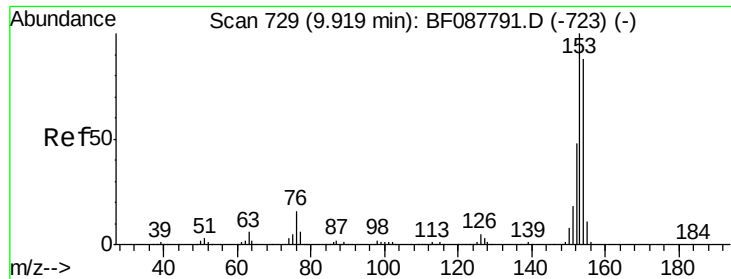


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.94 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

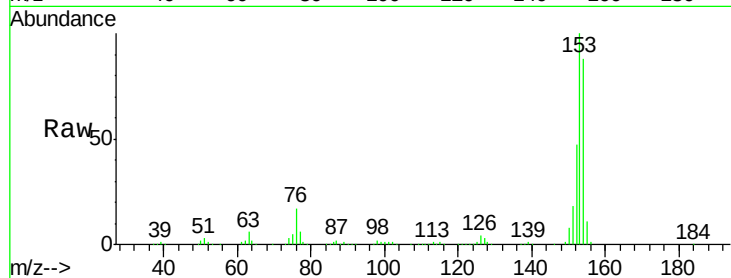
Tot Ion:154 Resp: 576665

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

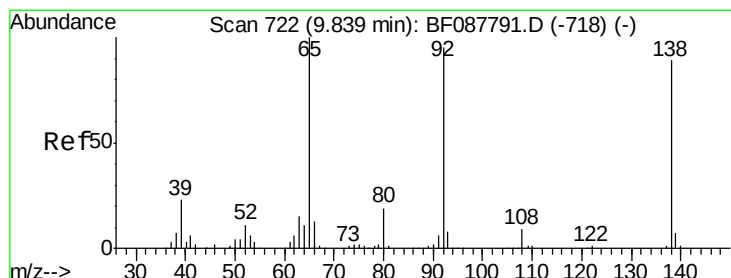
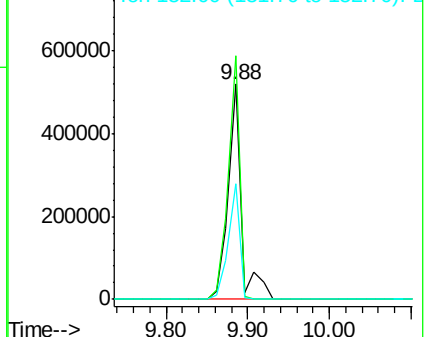
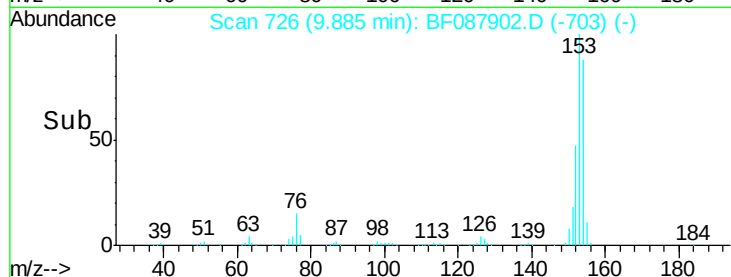
152 53.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.08 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

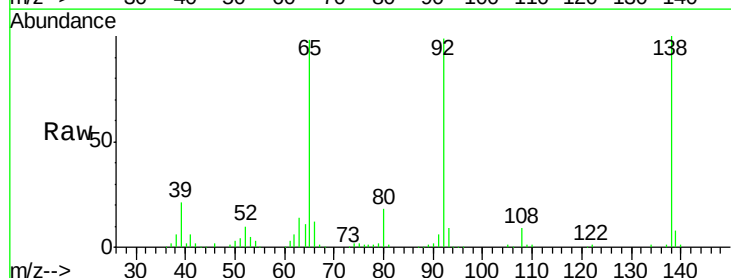
Tgt Ion:138 Resp: 116423

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

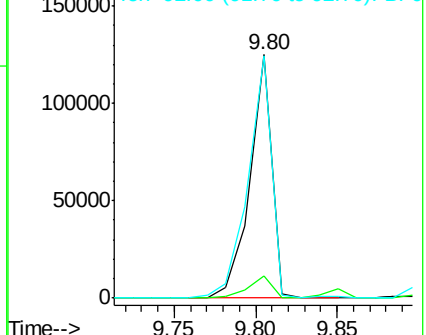
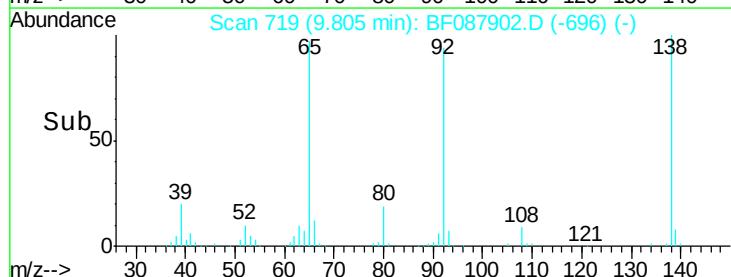
92 99.4 95.7 143.5

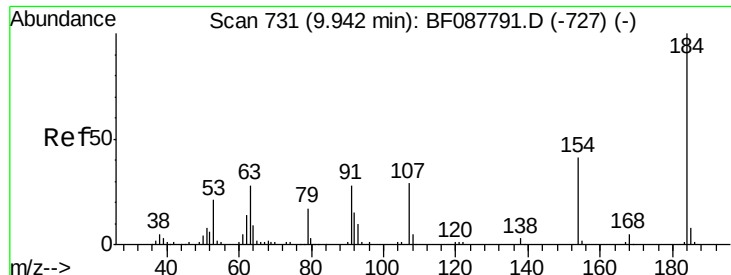


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

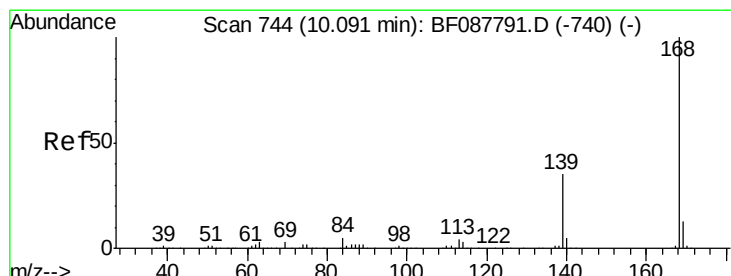
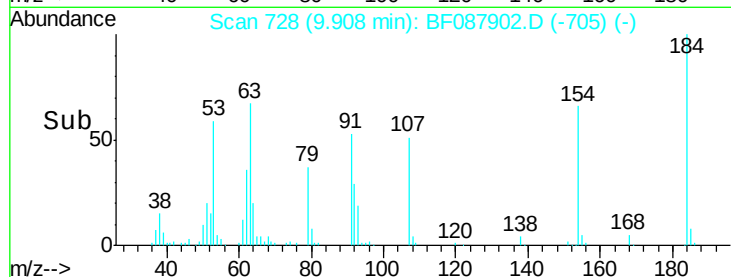
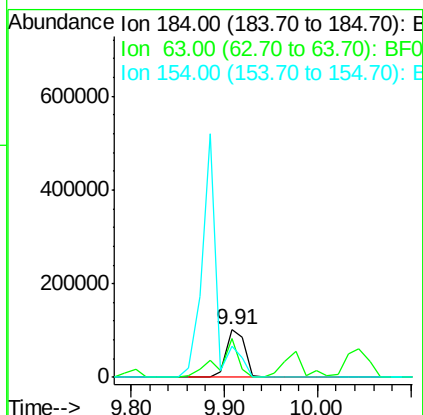
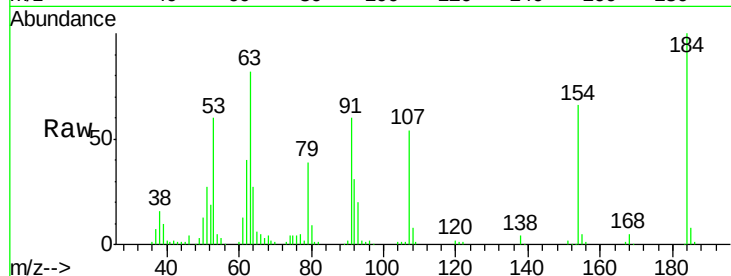




#53
2,4-Dinitrophenol
Concen: 75.41 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

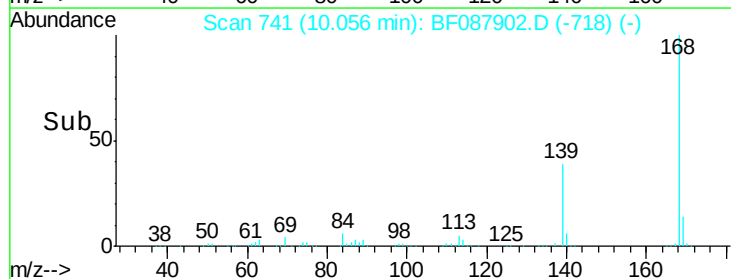
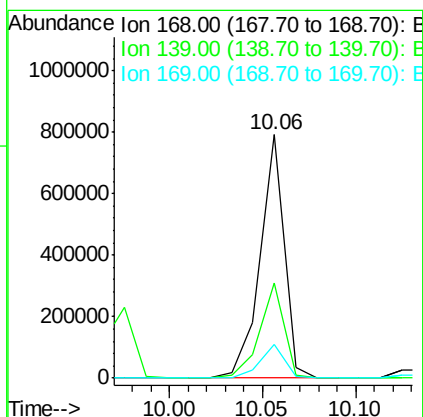
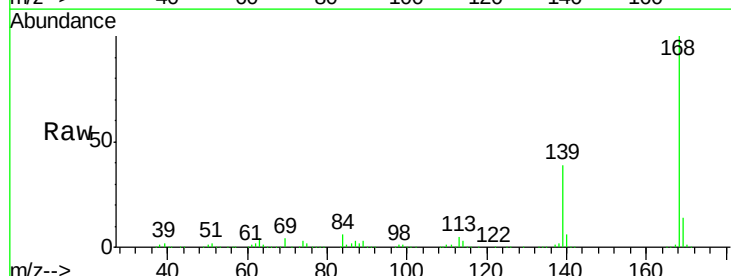
Instrument :
BNA_F
ClientSampleId :
PB91188BS

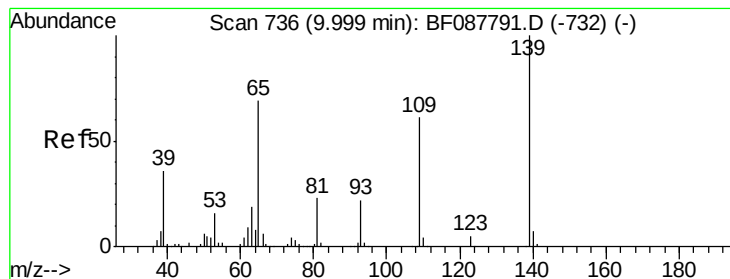
Tot Ion:184 Resp: 141255
Ion Ratio Lower Upper
184 100
63 82.4 57.6 86.4
154 66.4 53.5 80.3



#54
Dibenzofuran
Concen: 38.10 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:168 Resp: 704717
Ion Ratio Lower Upper
168 100
139 39.0 26.4 39.6
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 84.37 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

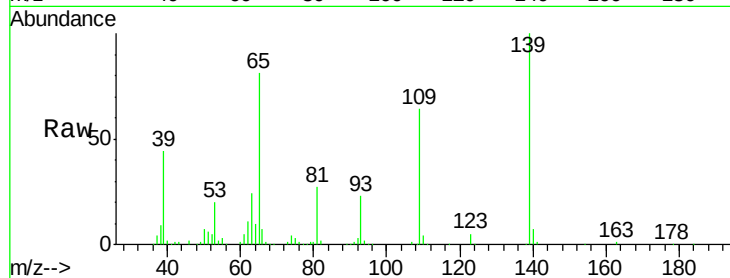
Tot Ion:139 Resp: 262177

Ion Ratio Lower Upper

139 100

109 63.9 48.9 88.9

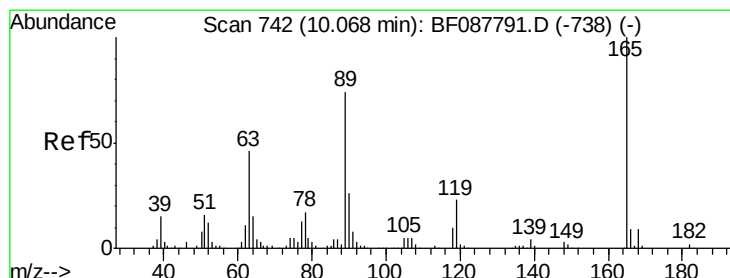
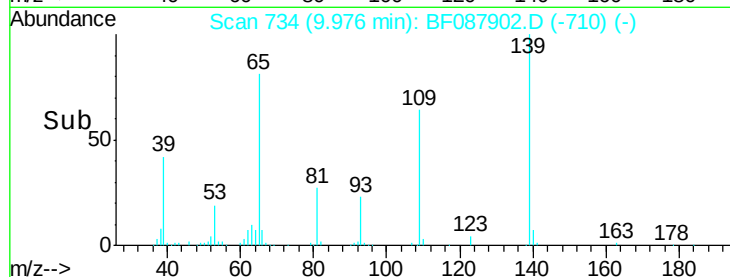
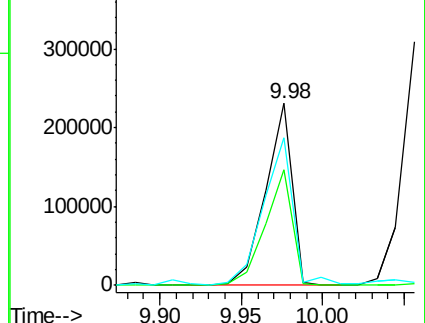
65 81.1 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.76 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Tgt Ion:165 Resp: 208500

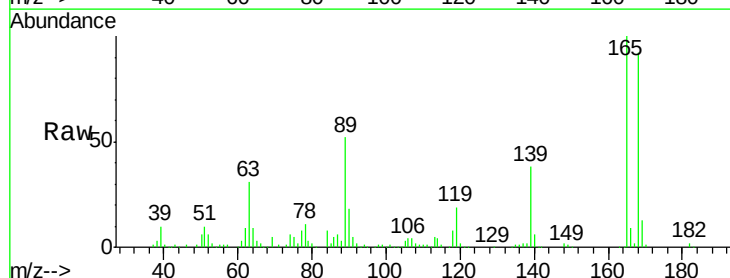
Ion Ratio Lower Upper

165 100

63 30.7 22.0 33.0

89 52.2 41.1 61.7

182 2.4 2.0 3.0

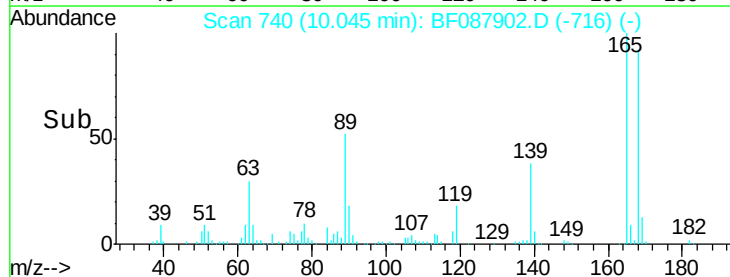
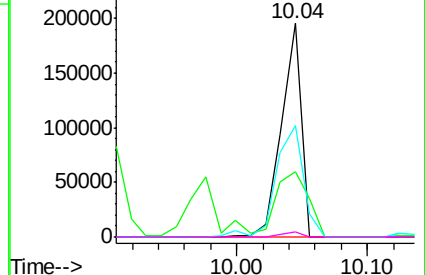


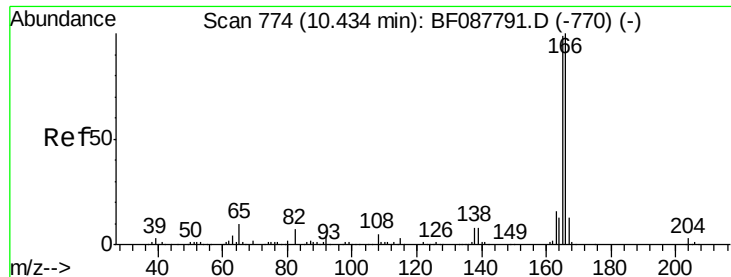
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

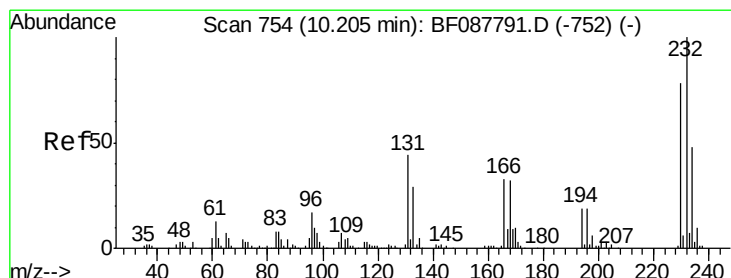
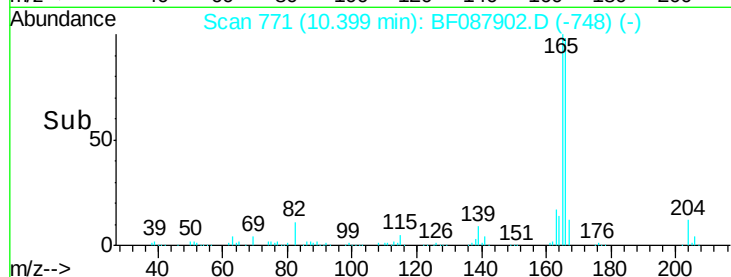
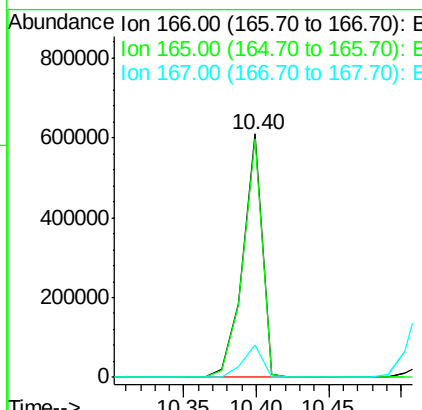
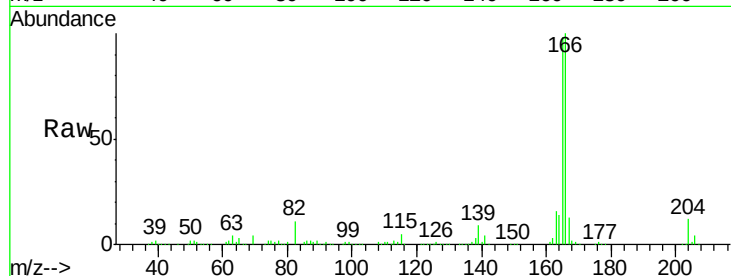




#57
 Fluorene
 Concen: 45.08 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

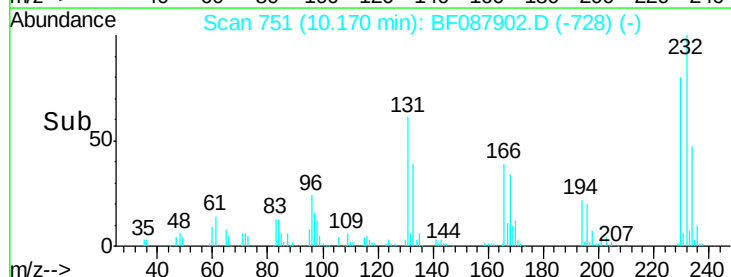
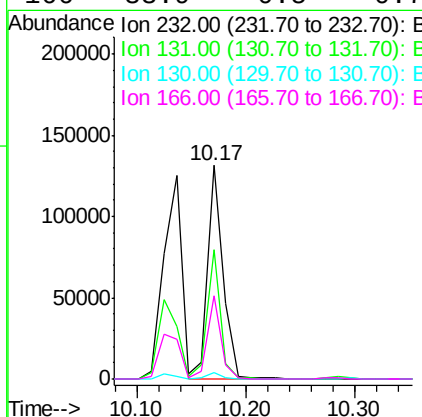
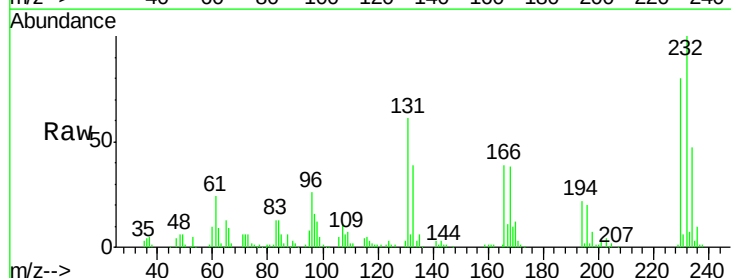
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

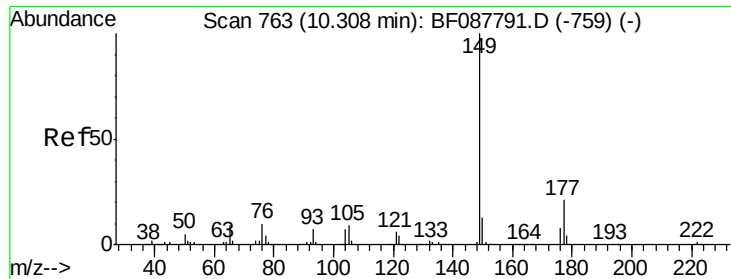
Tot Ion:166 Resp: 563296
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.8 116.8
 167 13.4 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.84 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:232 Resp: 132835
 Ion Ratio Lower Upper
 232 100
 131 51.5 0.9 1.3#
 130 2.6 1.5 2.3#
 166 33.9 0.5 0.7#

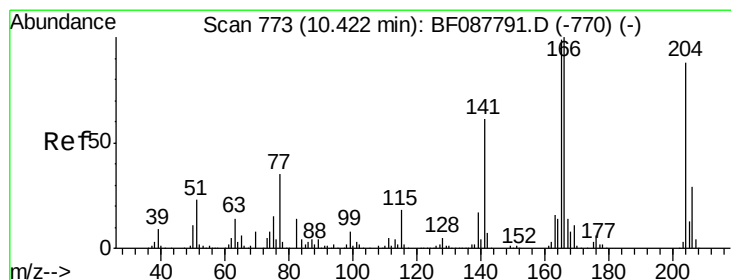
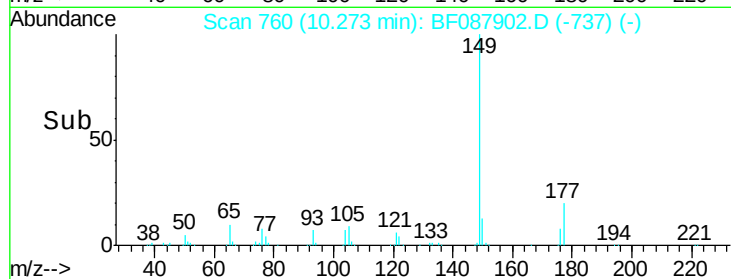
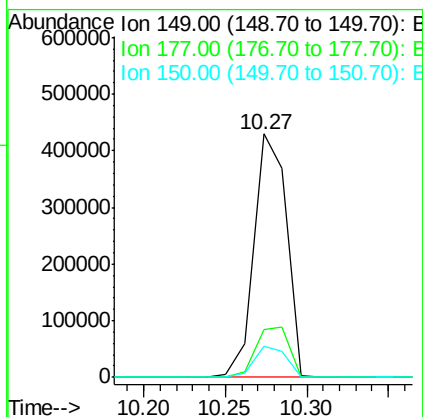
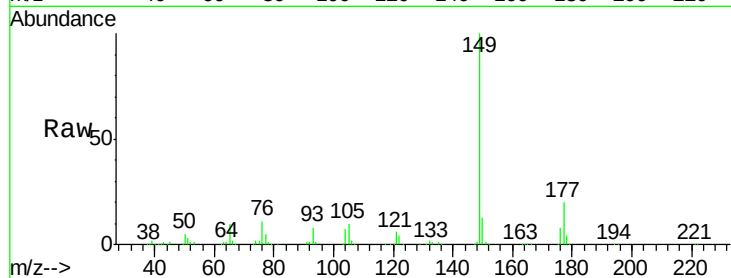




#59
Diethylphthalate
Concen: 38.72 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

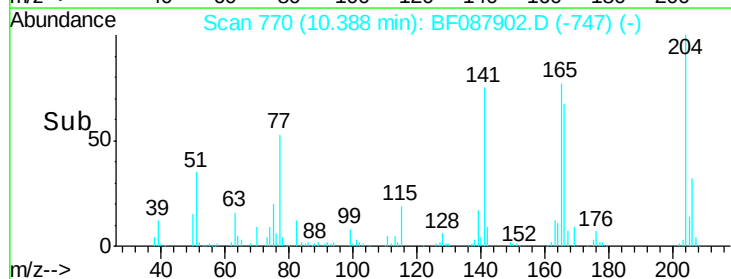
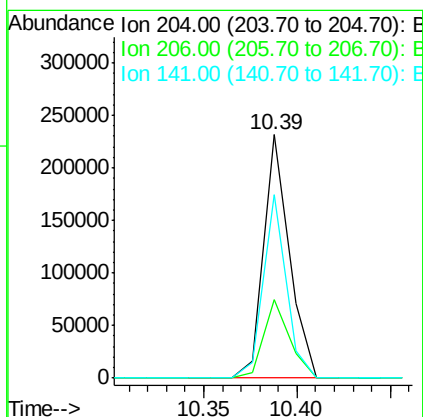
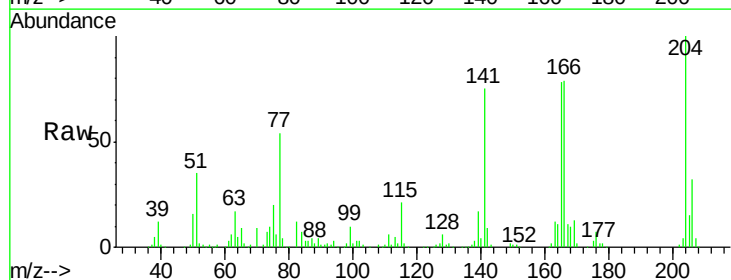
Instrument :
BNA_F
ClientSampleId :
PB91188BS

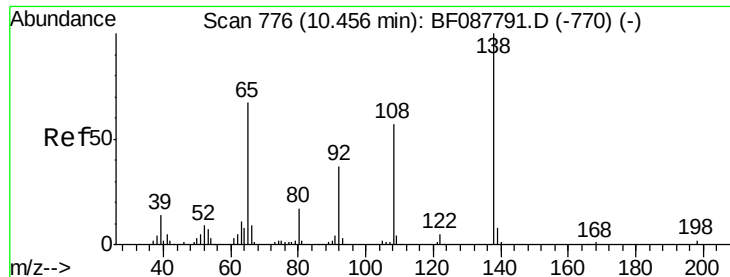
Tot Ion:149 Resp: 593874
Ion Ratio Lower Upper
149 100
177 19.6 16.9 25.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.49 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:204 Resp: 218264
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 75.4 55.0 82.6

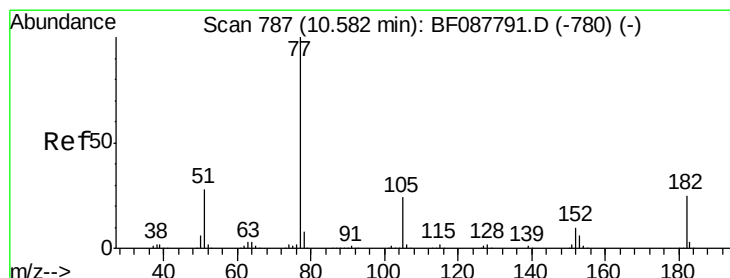
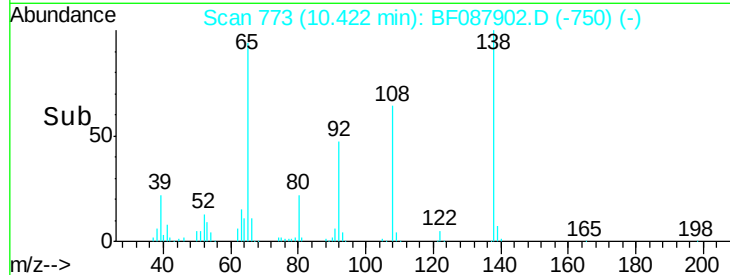
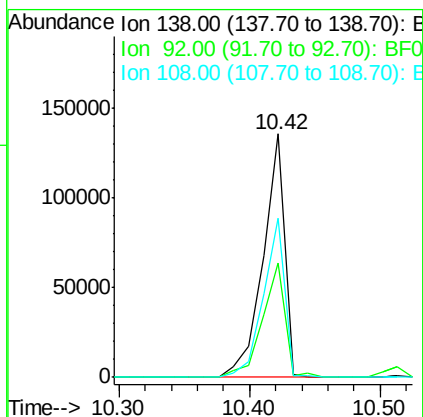
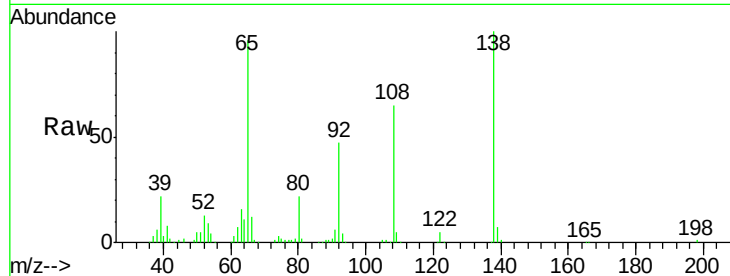




#61
4-Nitroaniline
Concen: 41.47 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

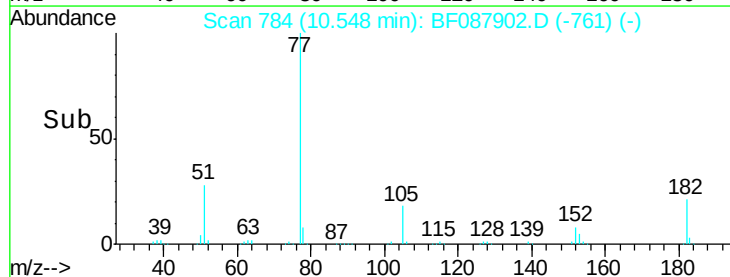
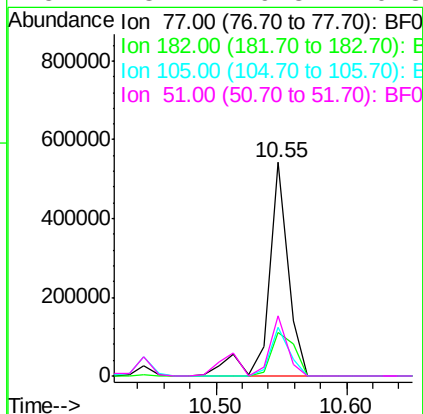
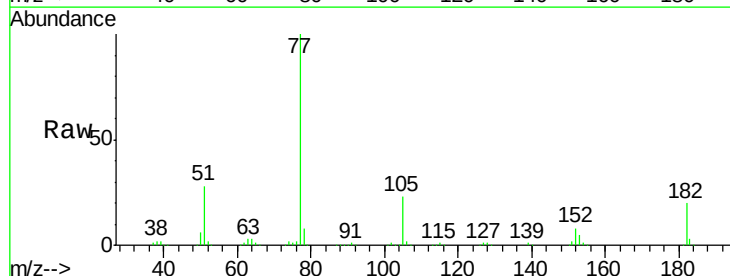
Instrument :
BNA_F
ClientSampleId :
PB91188BS

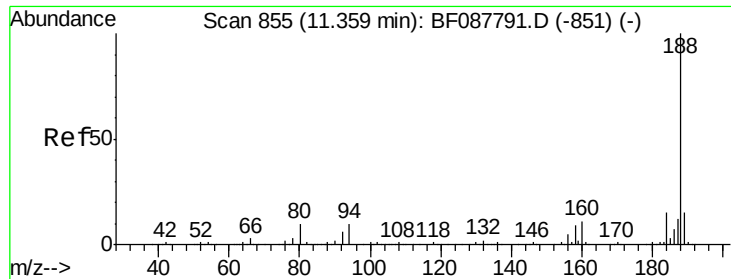
Tot Ion:138 Resp: 157503
Ion Ratio Lower Upper
138 100
92 46.9 27.3 67.3
108 65.1 46.7 86.7



#62
Azobenzene
Concen: 38.30 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion: 77 Resp: 580882
Ion Ratio Lower Upper
77 100
182 20.1 4.4 44.4
105 22.5 3.8 43.8
51 28.1 9.3 49.3

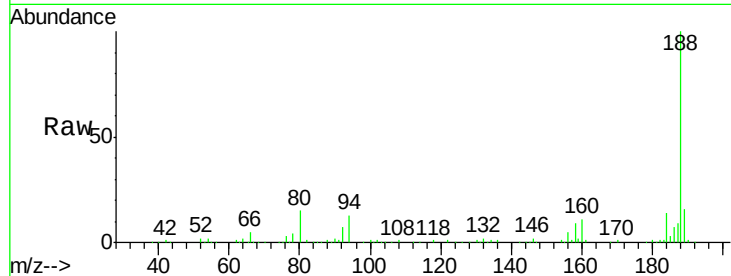




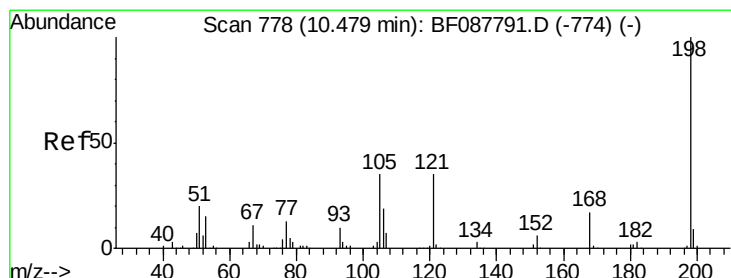
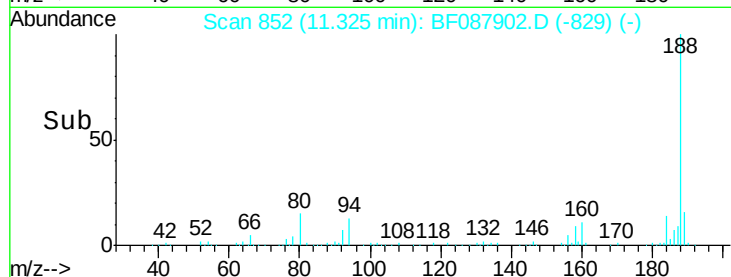
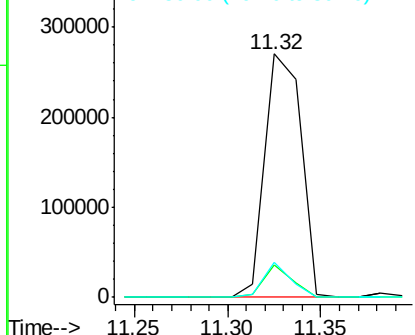
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB91188BS

Tot Ion:188 Resp: 364550
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 14.6 10.0 15.0

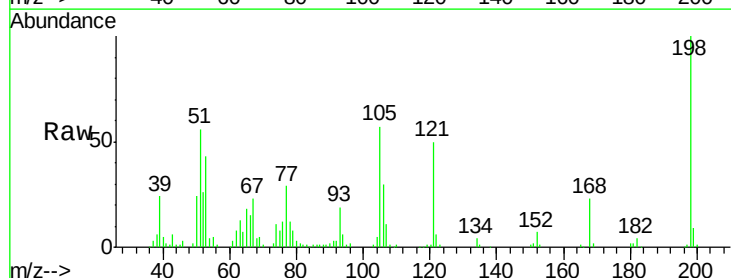


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

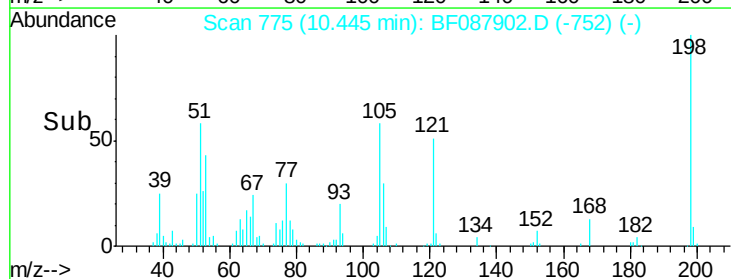
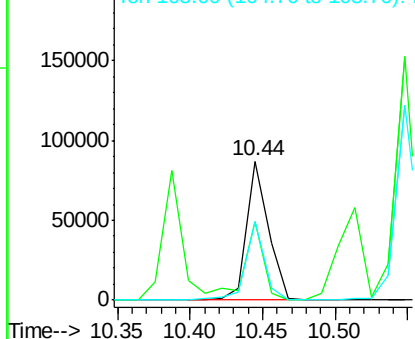


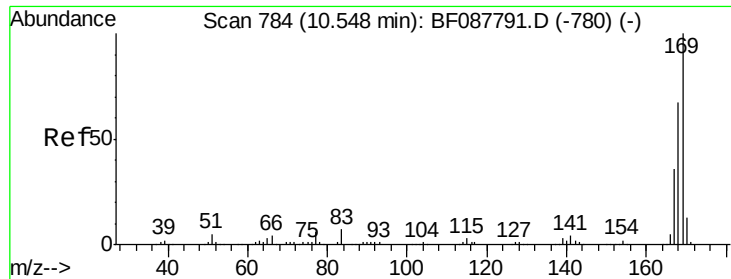
#64
4,6-Dinitro-2-methylphenol
Concen: 40.31 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:198 Resp: 90911
Ion Ratio Lower Upper
198 100
51 56.1 39.6 79.6
105 56.8 36.6 76.6



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

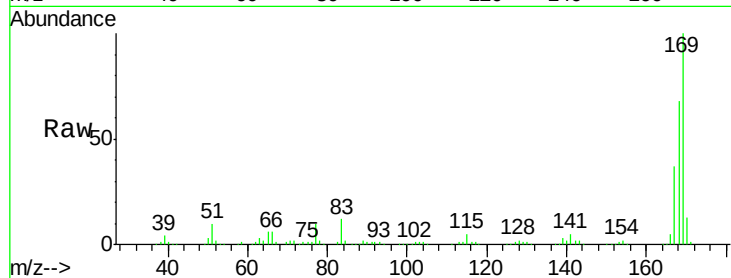




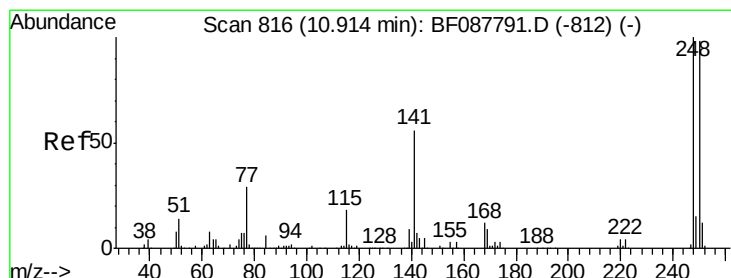
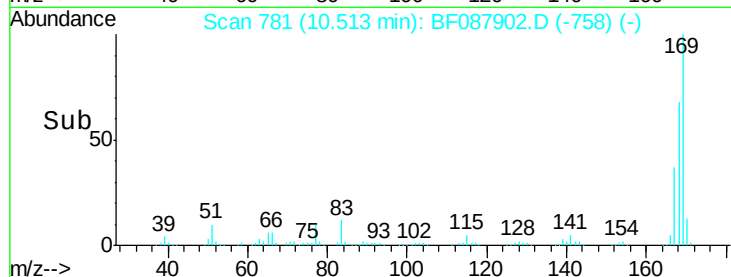
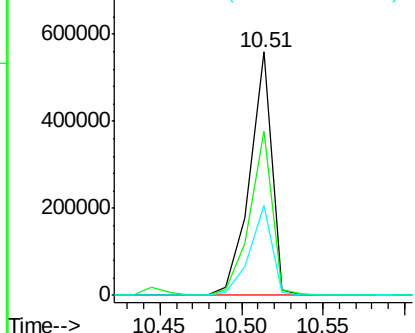
#65
 n-Nitrosodiphenylamine
 Concen: 43.70 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Tot Ion:169 Resp: 528580
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.0
 167 36.8 29.4 44.0

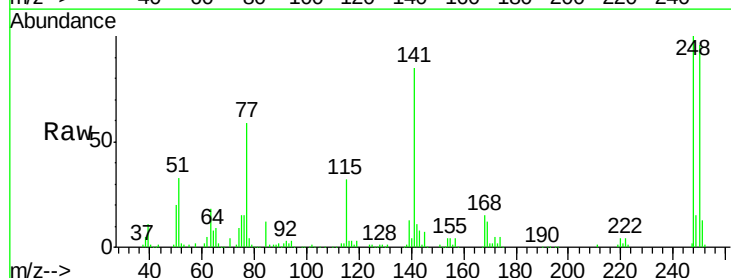


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

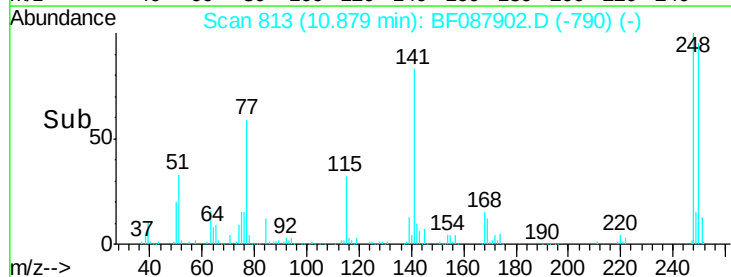
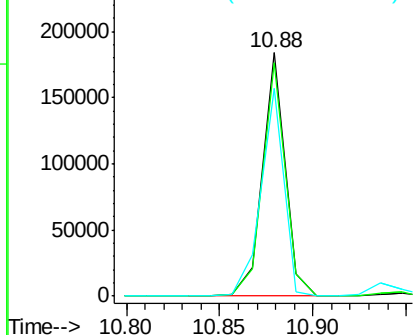


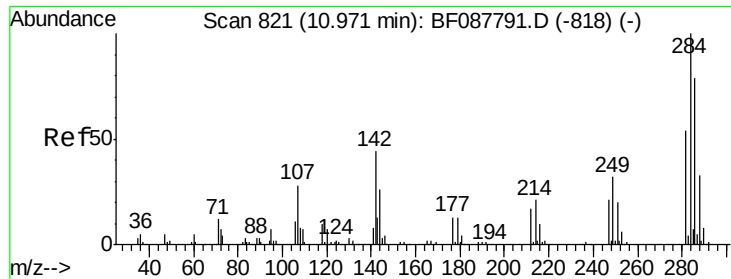
#66
 4-Bromophenyl-phenylether
 Concen: 39.05 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:248 Resp: 152741
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 85.1 50.6 76.0#



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

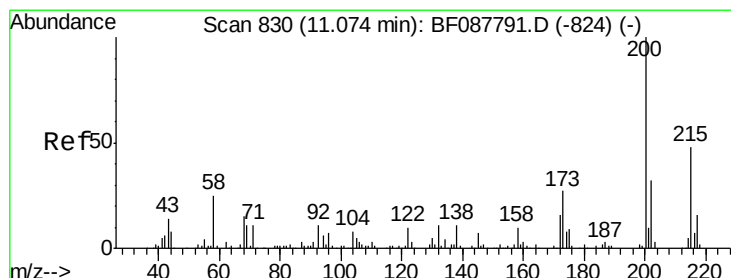
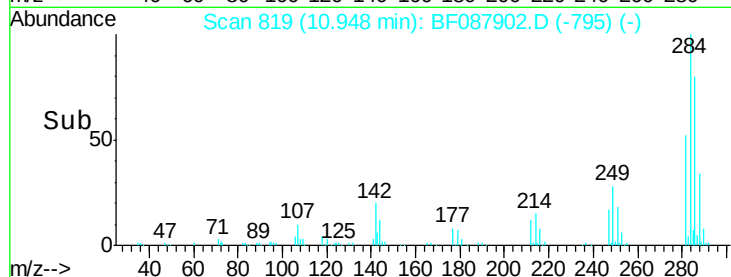
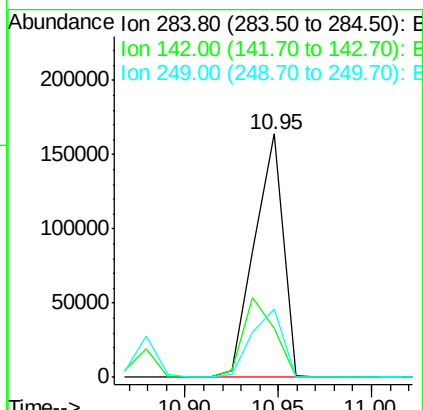
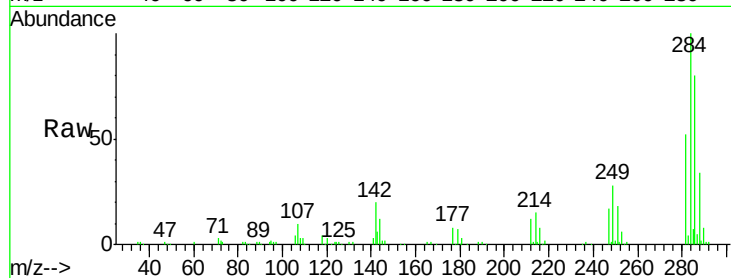




#67
Hexachlorobenzene
Concen: 42.99 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

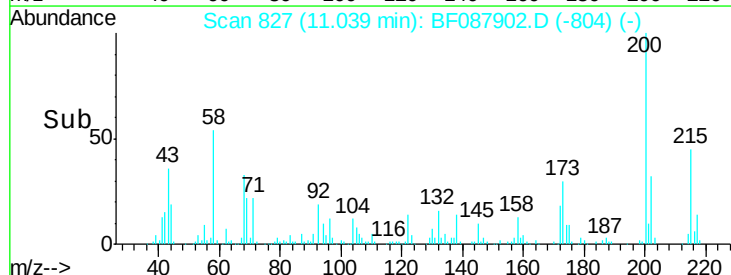
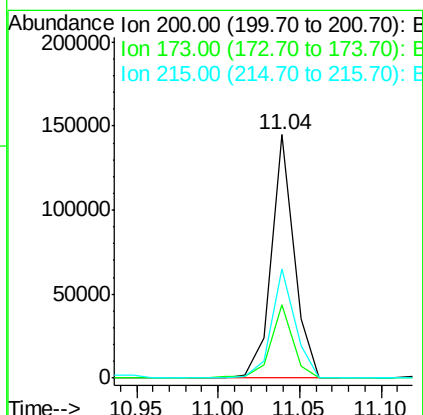
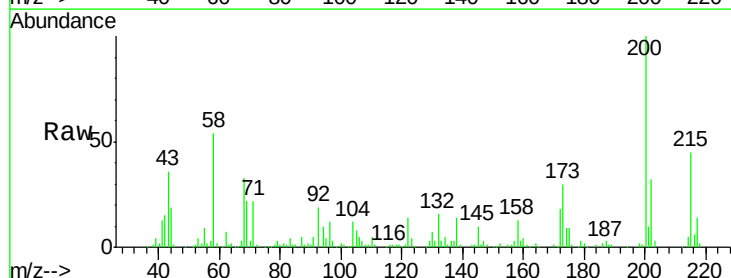
Instrument :
BNA_F
ClientSampleId :
PB91188BS

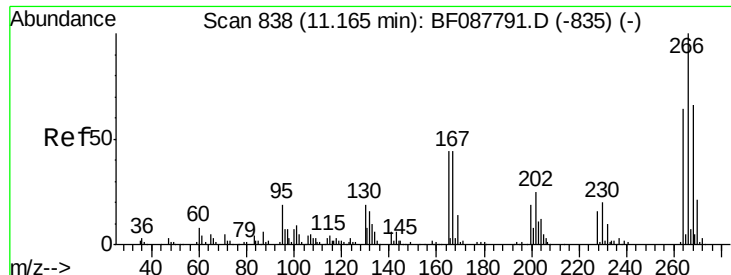
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.9	35.8	53.8#
249	28.1	25.8	38.6



#68
Atrazine
Concen: 38.63 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	4.0	44.0
215	45.1	29.3	69.3

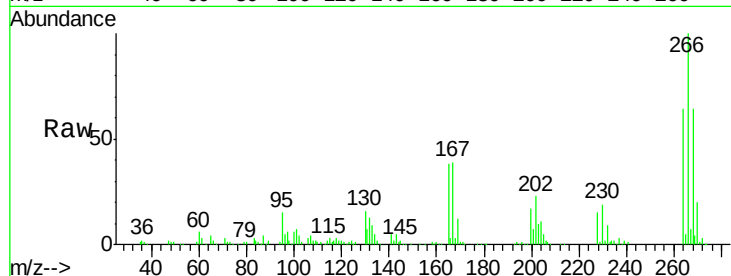




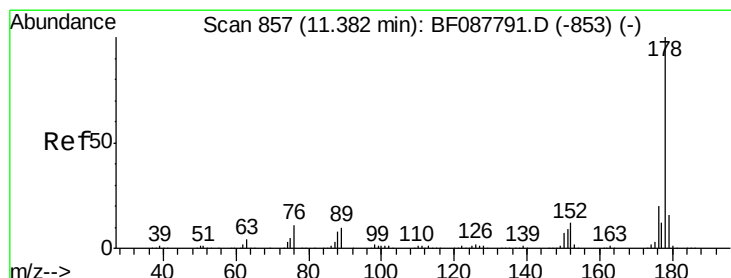
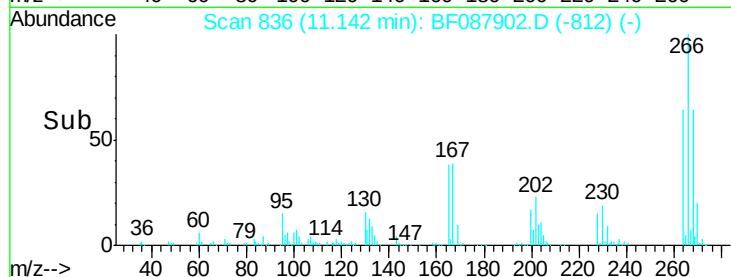
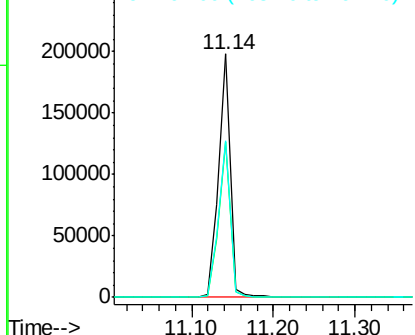
#69
 Pentachlorophenol
 Concen: 92.87 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

Tot Ion:266 Resp: 198923
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.8 79.2
 264 64.1 49.6 74.4

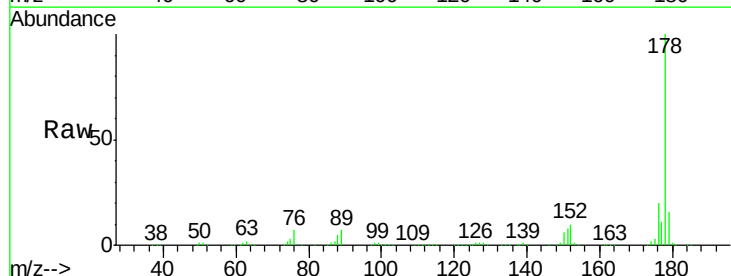


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

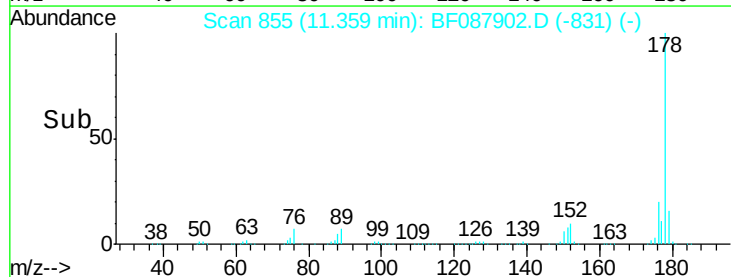
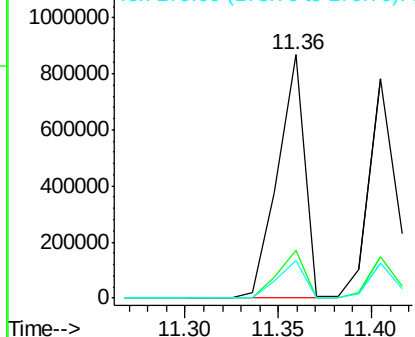


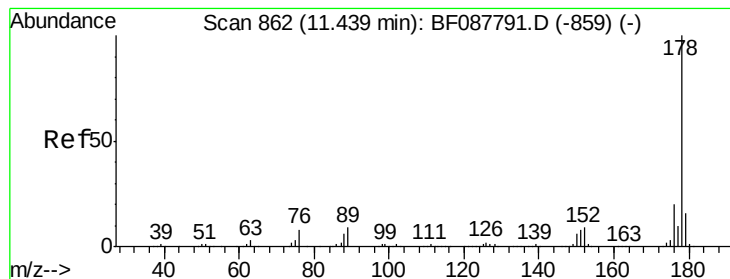
#70
 Phenanthrene
 Concen: 45.82 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:178 Resp: 876593
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.6 13.0 19.4



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: 39.78 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

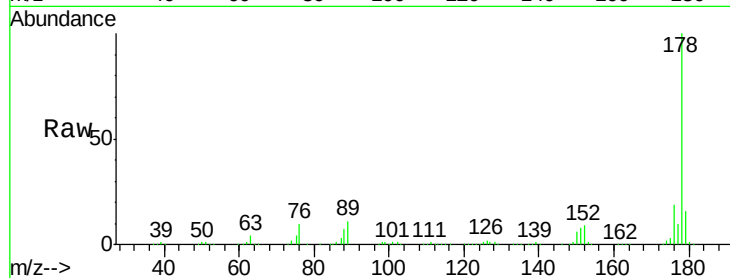
Tot Ion:178 Resp: 767651

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

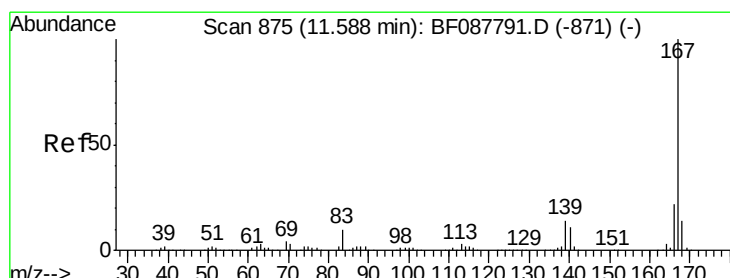
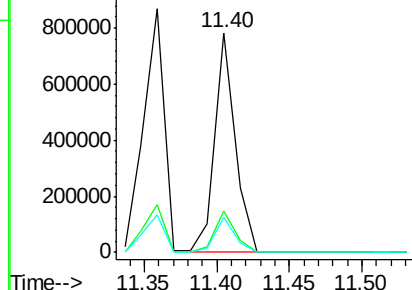
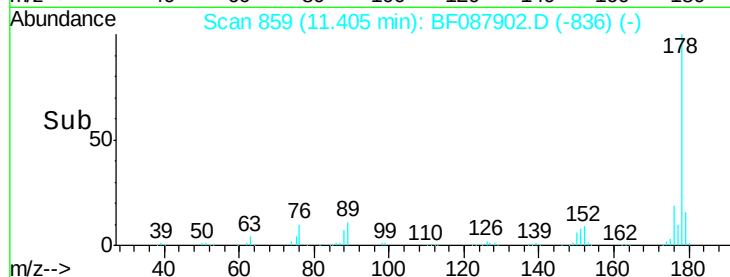
179 16.1 12.8 19.2



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



#72

Carbazole

Concen: 47.04 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

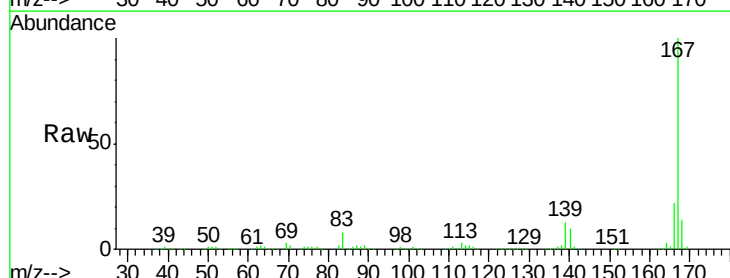
Tgt Ion:167 Resp: 849473

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

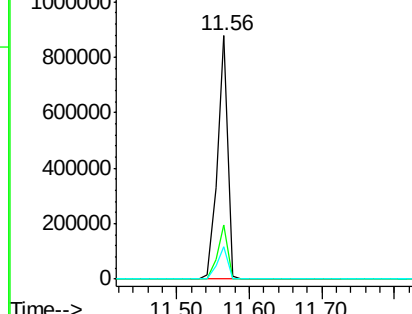
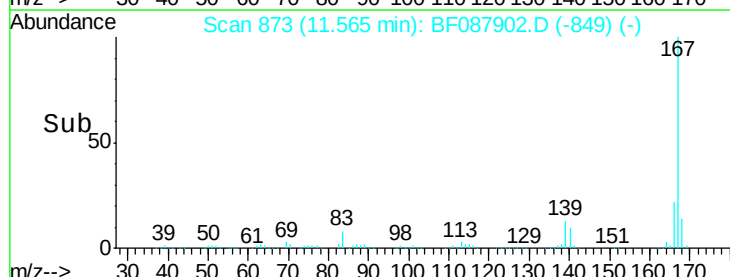
139 13.4 11.2 16.8

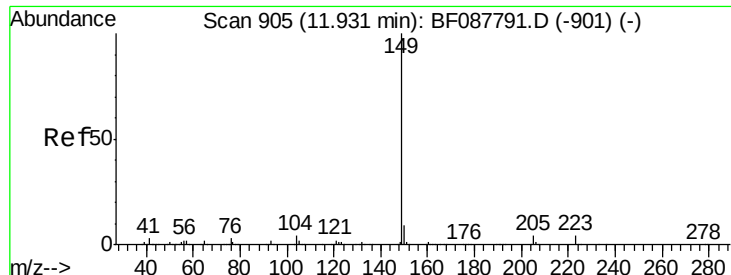


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.67 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

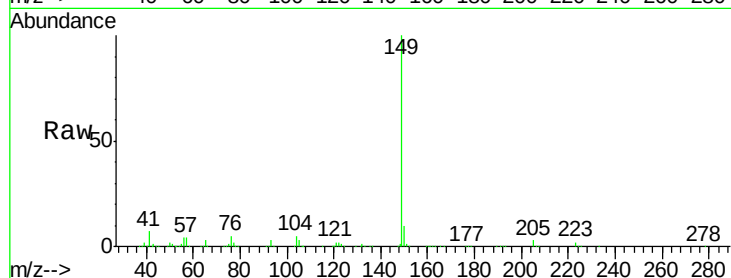
Tot Ion:149 Resp: 861056

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

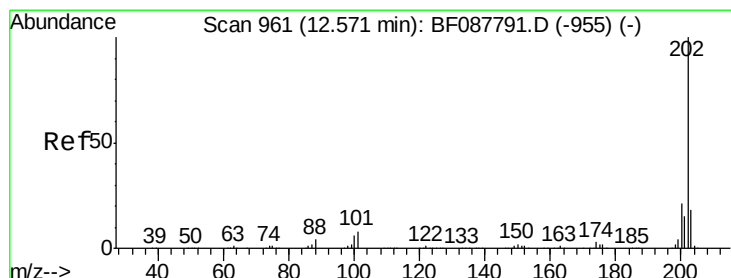
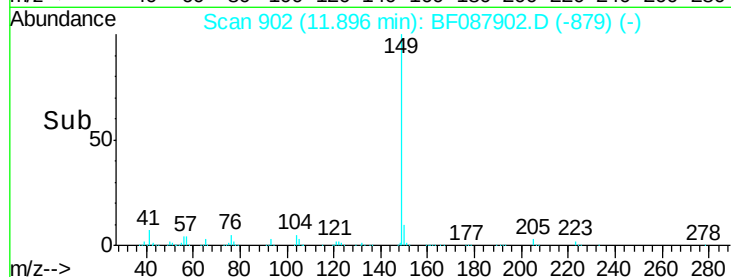
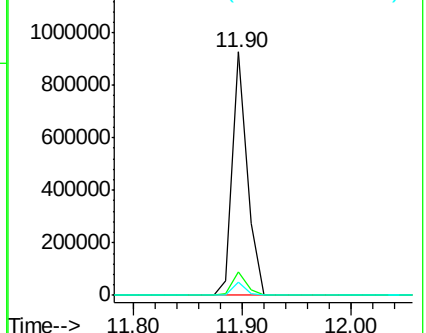
104 5.2 4.0 6.0



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: 39.58 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

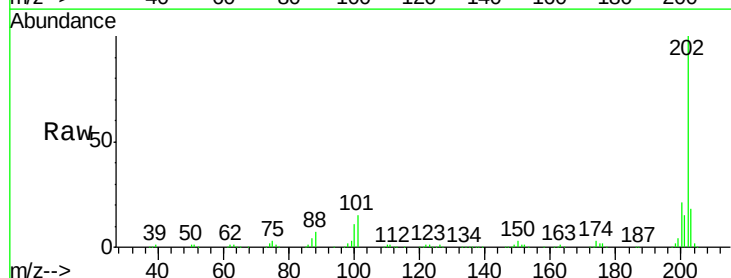
Tgt Ion:202 Resp: 799034

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

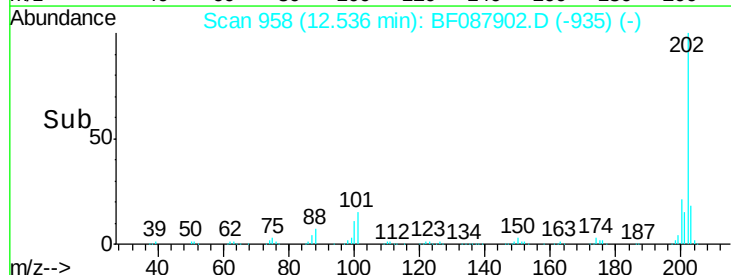
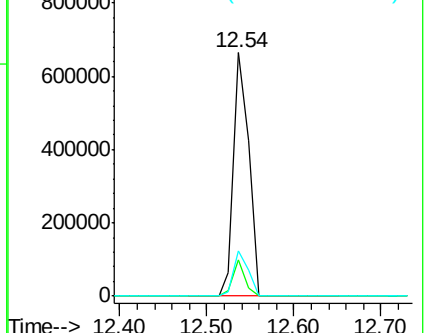
203 18.4 0.0 38.1

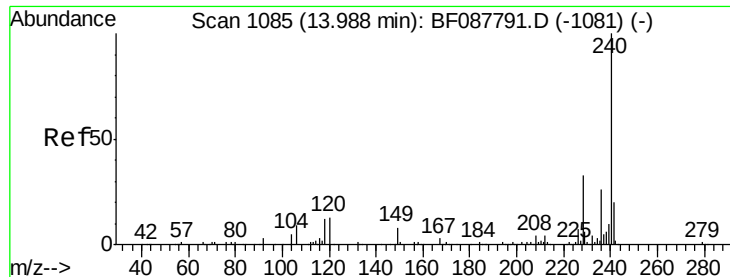


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

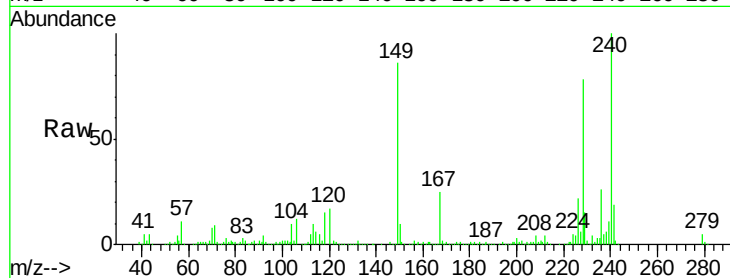
Tot Ion:240 Resp: 257309

Ion Ratio Lower Upper

240 100

120 16.6 6.8 10.2#

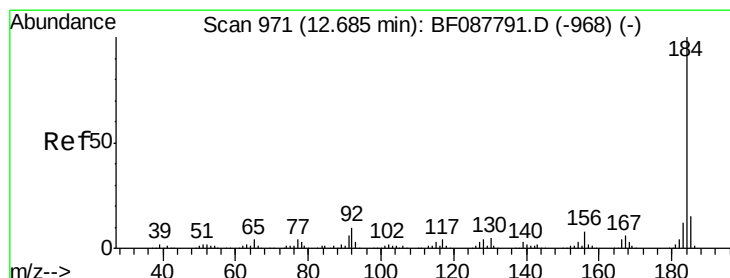
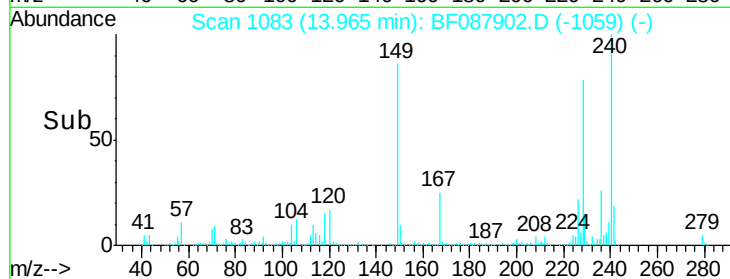
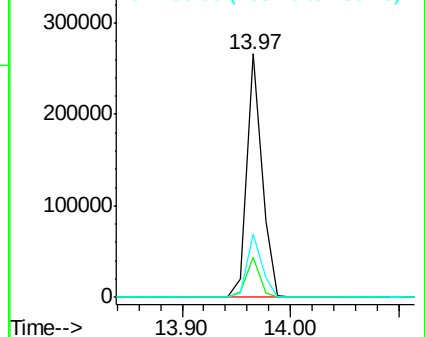
236 25.9 20.2 30.2



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: 43.40 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

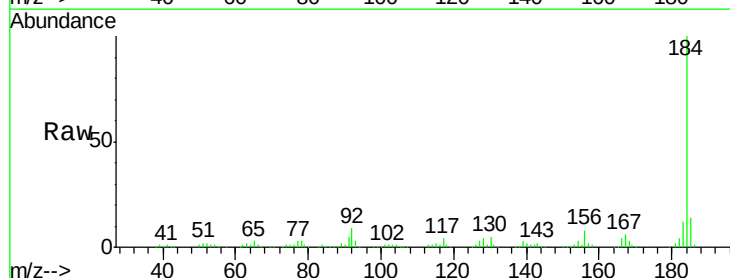
Tgt Ion:184 Resp: 309214

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

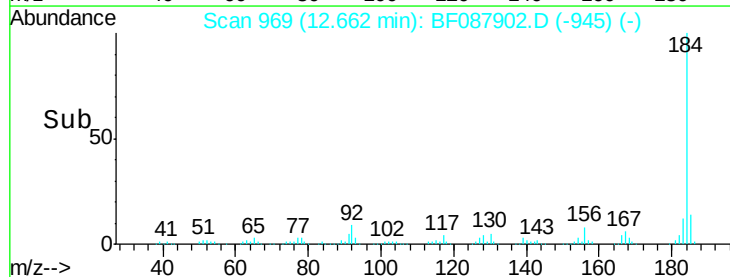
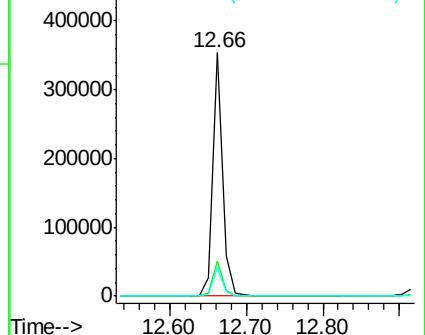
183 11.6 9.3 13.9

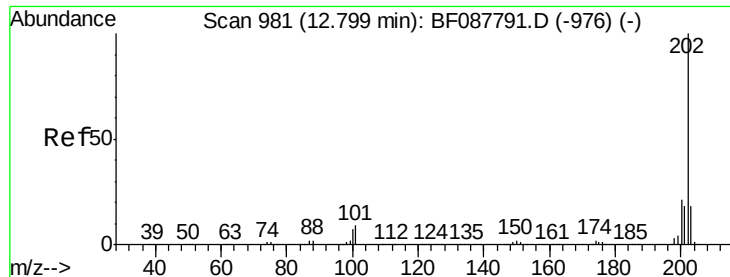


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.64 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

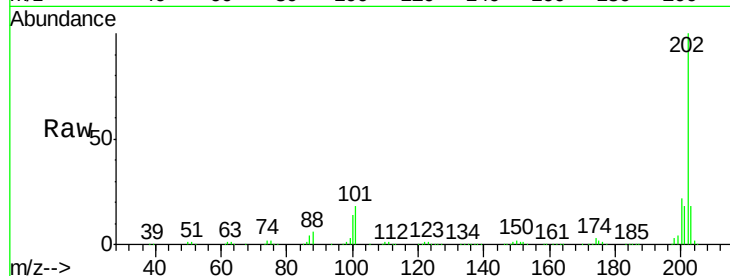
Tot Ion:202 Resp: 795138

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

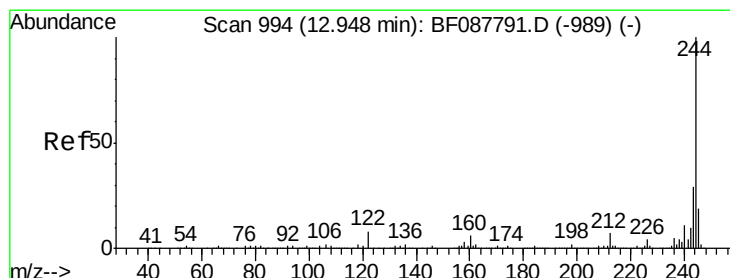
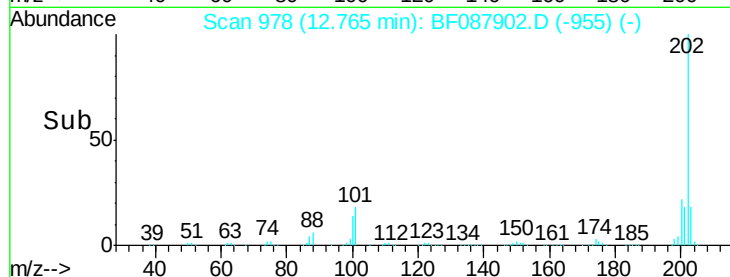
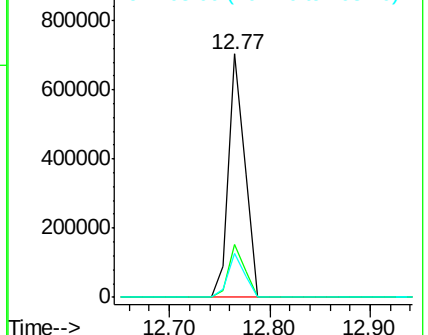
203 18.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.39 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

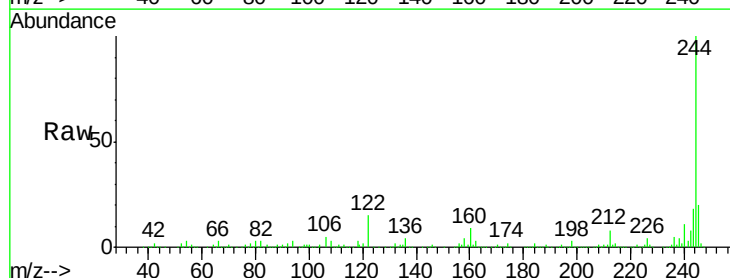
Tgt Ion:244 Resp: 954188

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

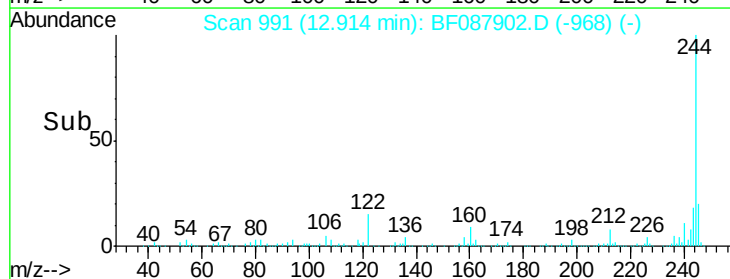
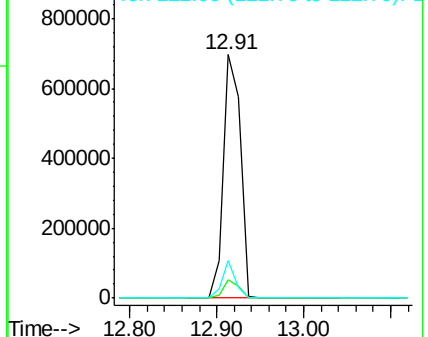
122 15.5 11.2 16.8

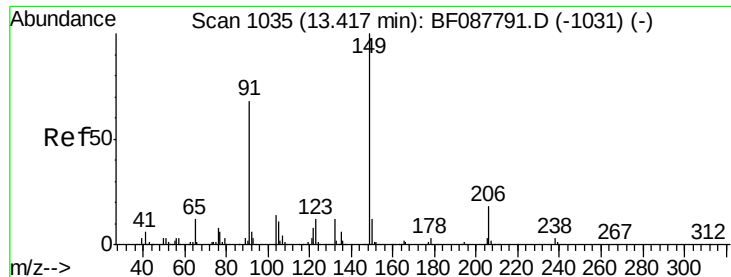


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.37 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

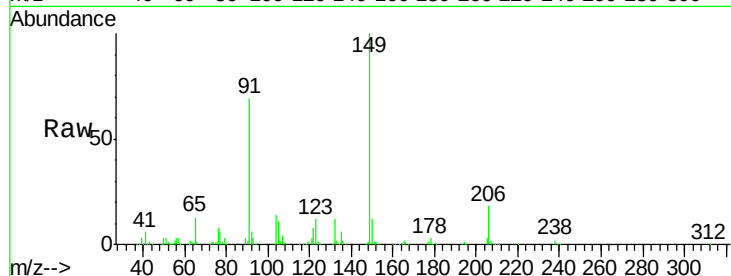
Tot Ion:149 Resp: 374583

Ion Ratio Lower Upper

149 100

91 68.8 48.0 72.0

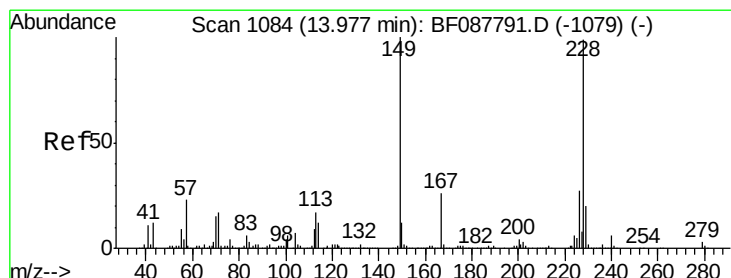
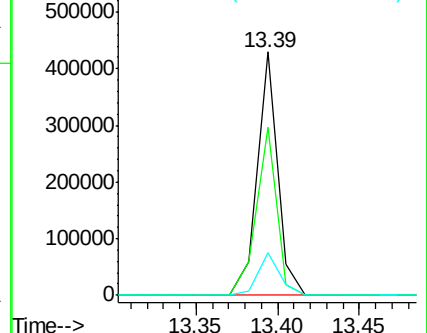
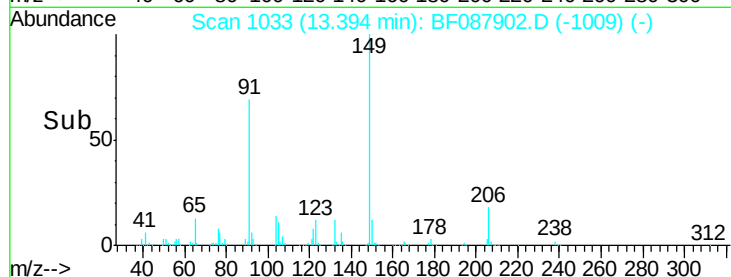
206 17.8 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.15 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

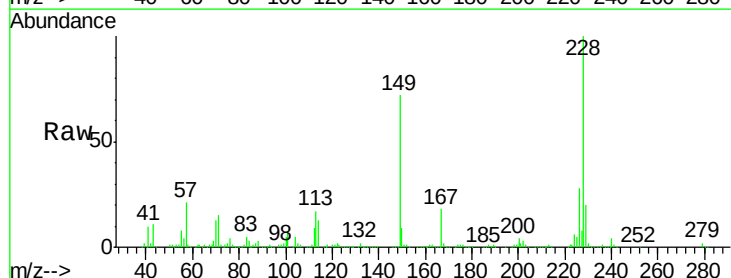
Tgt Ion:228 Resp: 647445

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

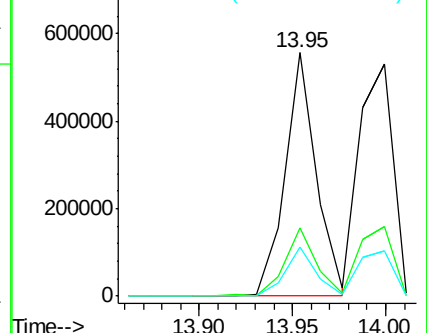
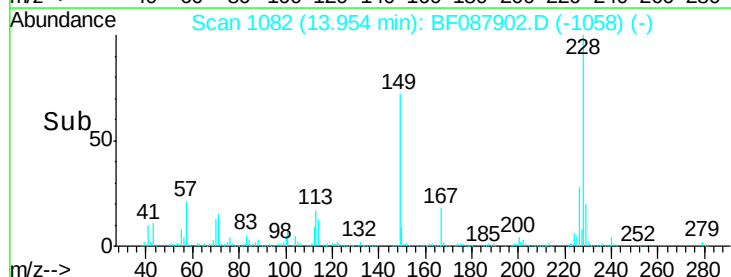
229 19.9 16.0 24.0

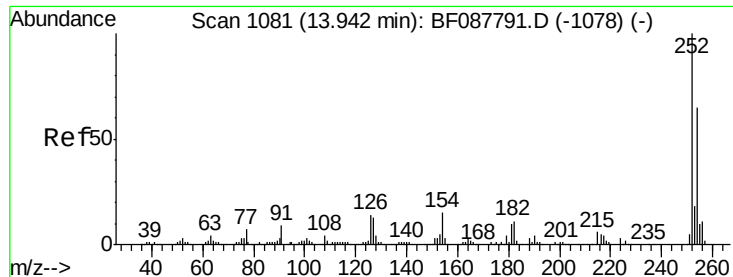


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

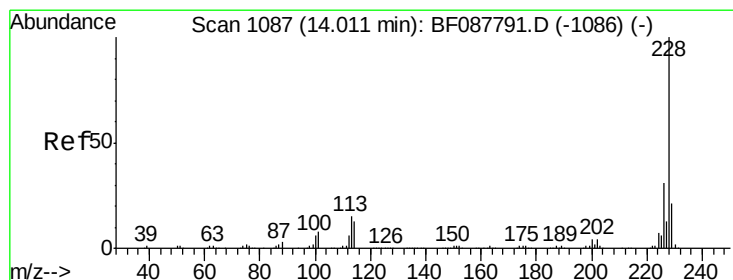
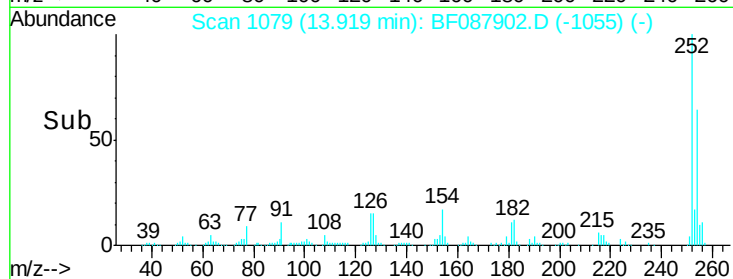
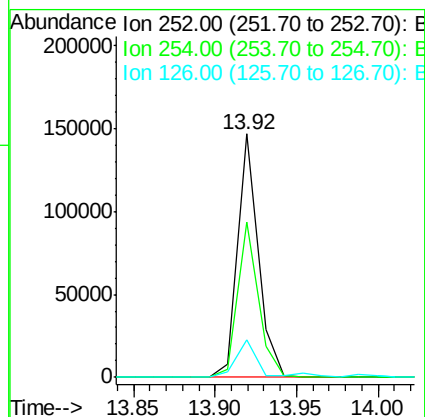
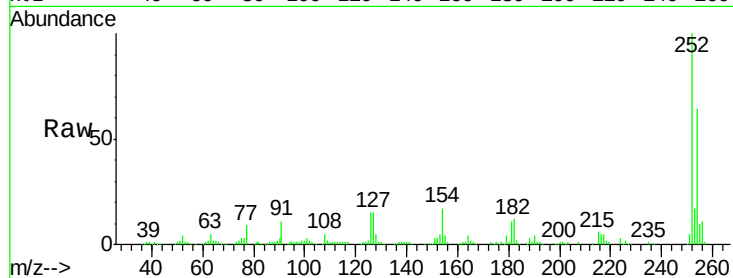




#81
 3,3'-Dichlorobenzidine
 Concen: 32.19 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

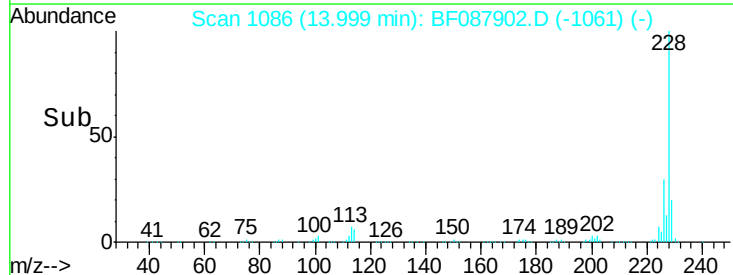
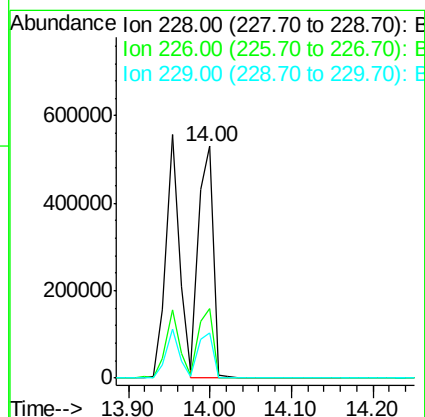
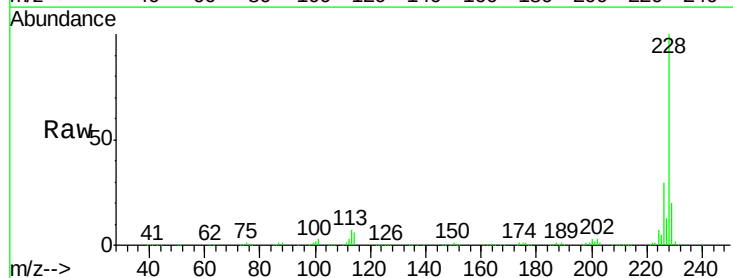
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

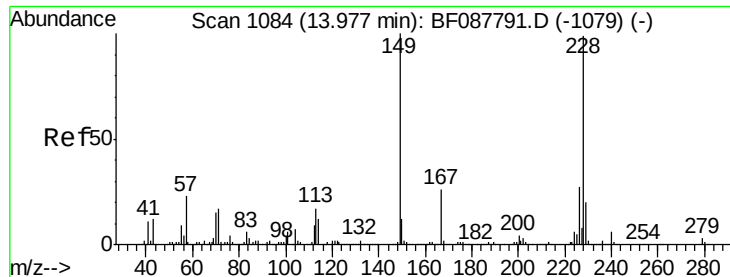
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	15.2	6.2	9.2



#82
 Chrysene
 Concen: 48.83 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	19.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.18 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

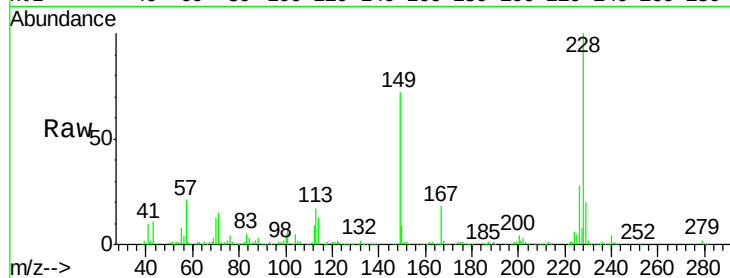
Tot Ion:149 Resp: 453992

Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

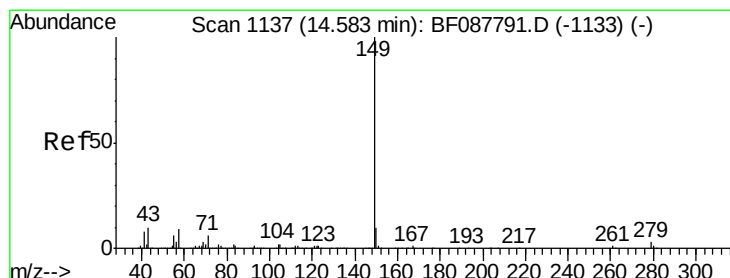
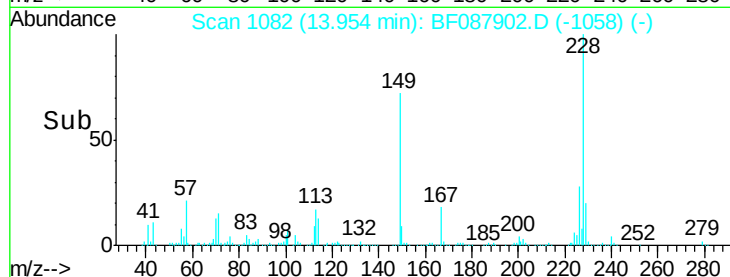
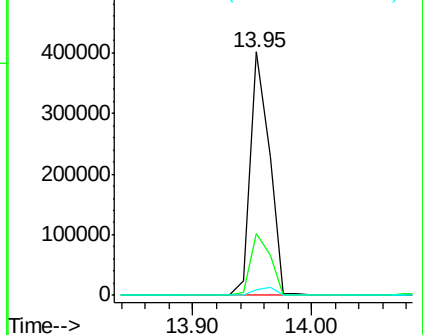
279 2.1 2.0 3.0



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: 56.67 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

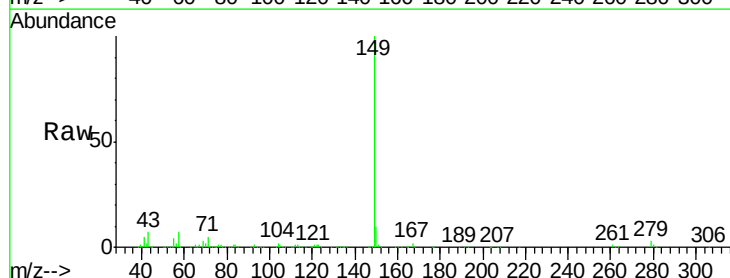
Tgt Ion:149 Resp: 946243

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

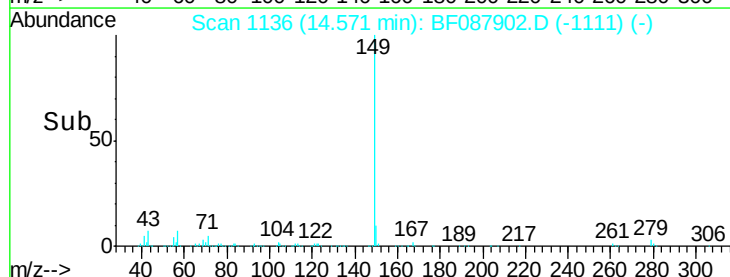
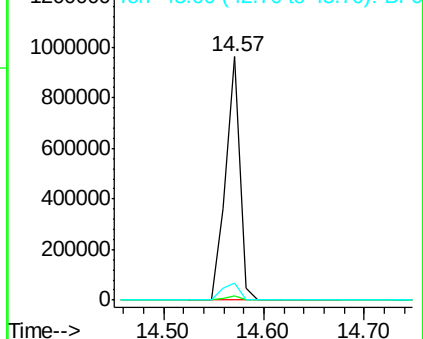
43 8.5 0.0 0.0#

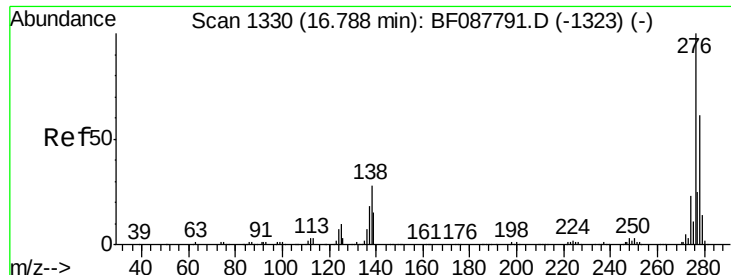


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

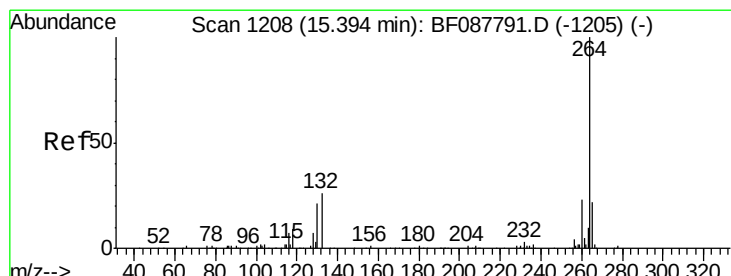
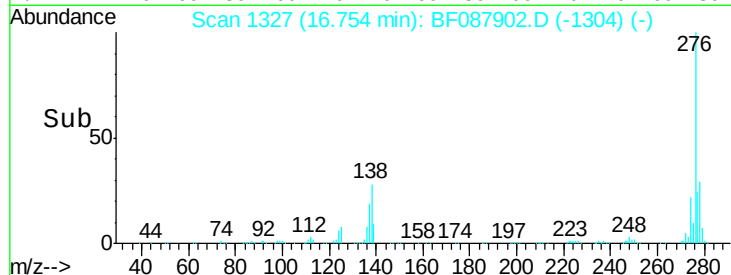
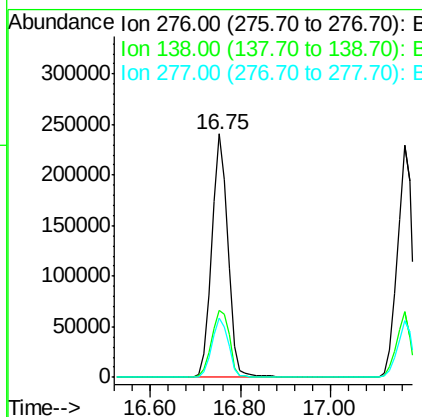
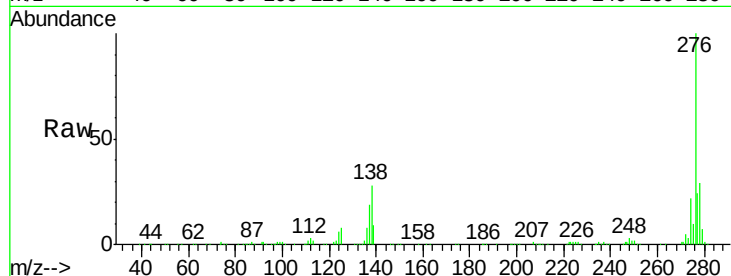




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.39 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

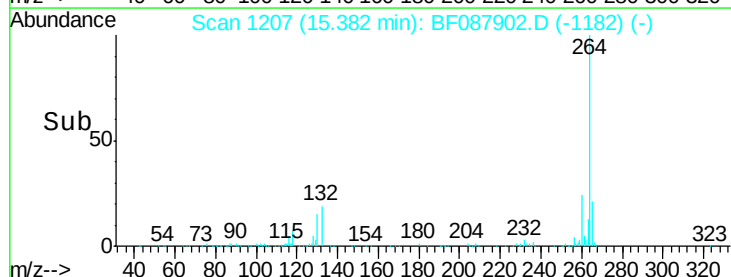
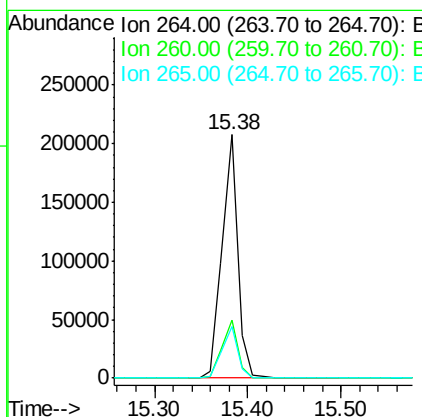
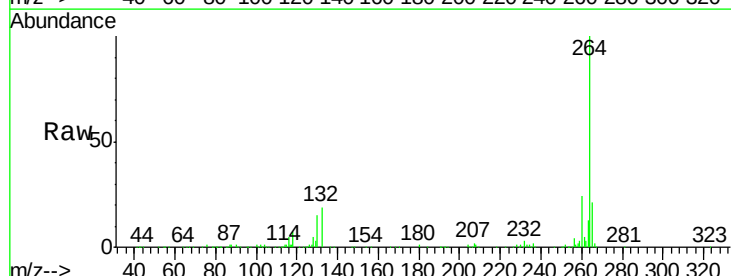
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BS

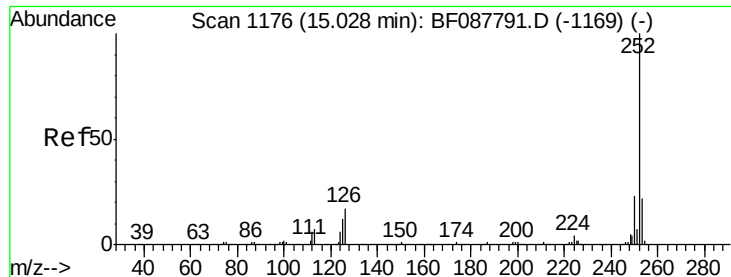
Tot Ion:276 Resp: 607411
 Ion Ratio Lower Upper
 276 100
 138 30.5 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF087902.D
 Acq: 11 Jun 2016 15:10

Tgt Ion:264 Resp: 243323
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 16.9 25.3

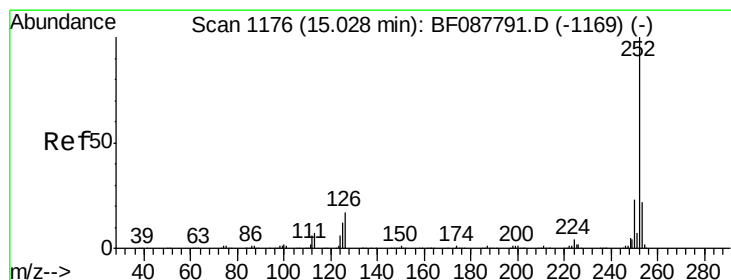
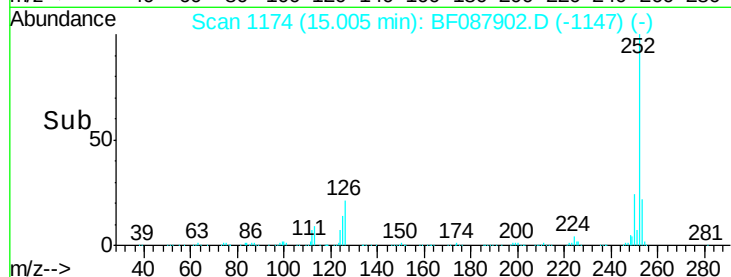
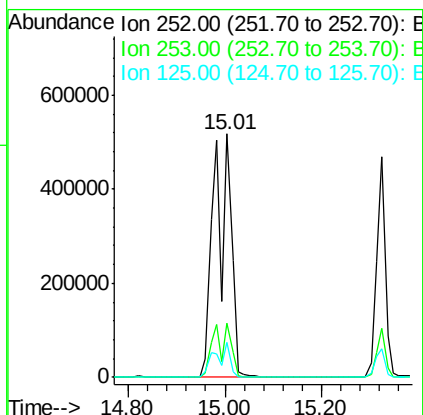
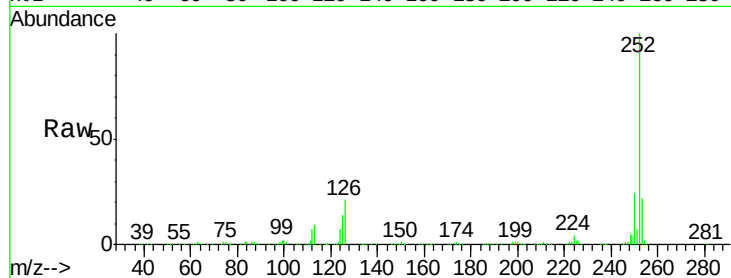




#87
Benzo(b)fluoranthene
Concen: 74.54 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

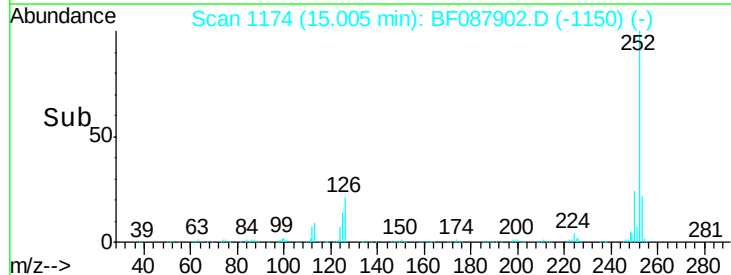
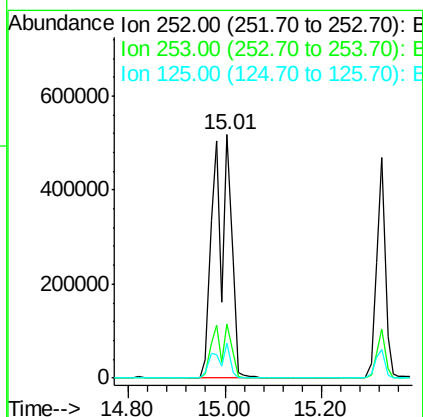
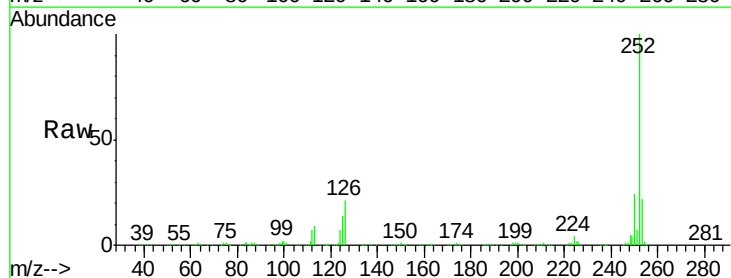
Instrument :
BNA_F
ClientSampleId :
PB91188BS

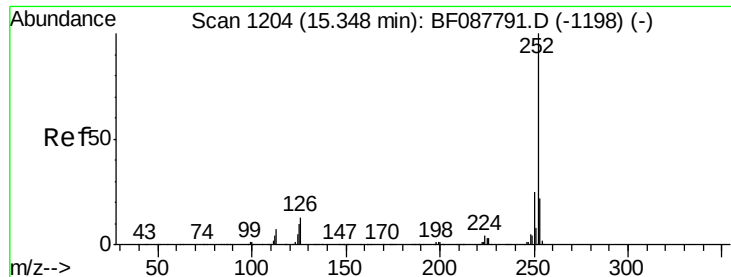
Tot Ion:252 Resp: 1264177
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 14.2 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 98.82 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087902.D
Acq: 11 Jun 2016 15:10

Tgt Ion:252 Resp: 1264177
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 14.2 11.2 16.8





#89

Benzo(a)pyrene

Concen: 43.07 ng

RT: 15.33 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

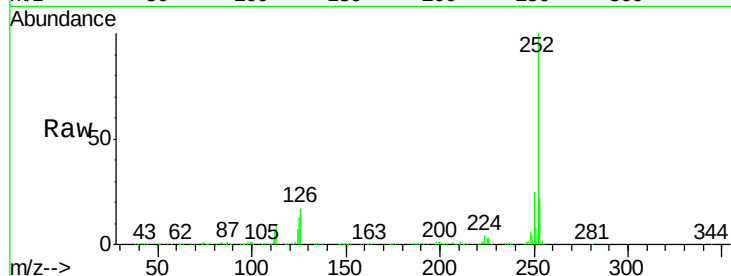
Tot Ion:252 Resp: 590999

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

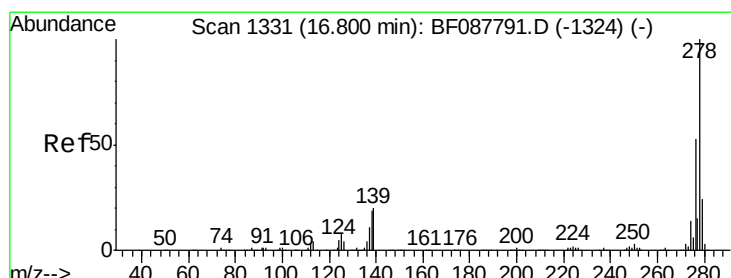
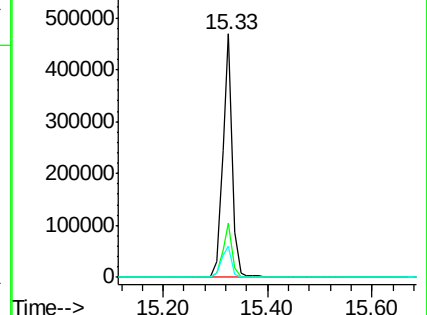
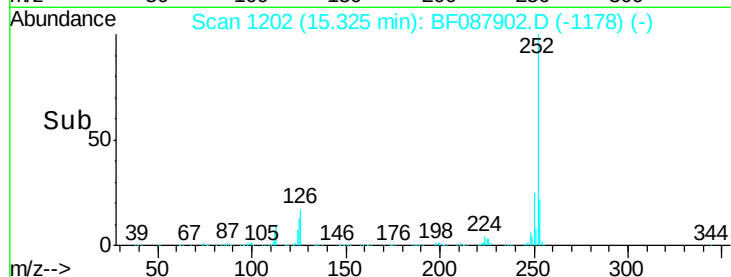
125 13.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.35 ng

RT: 16.78 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

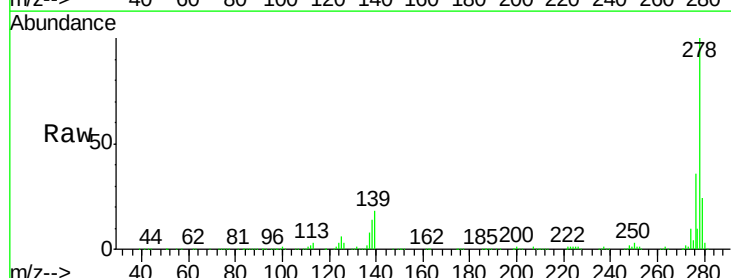
Tgt Ion:278 Resp: 501521

Ion Ratio Lower Upper

278 100

139 17.5 15.7 23.5

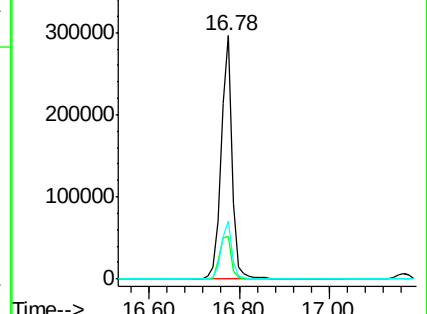
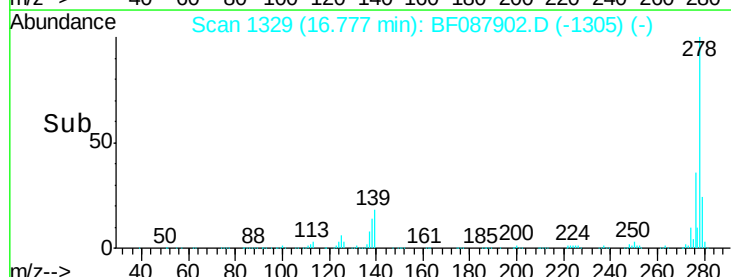
279 23.6 19.4 29.2

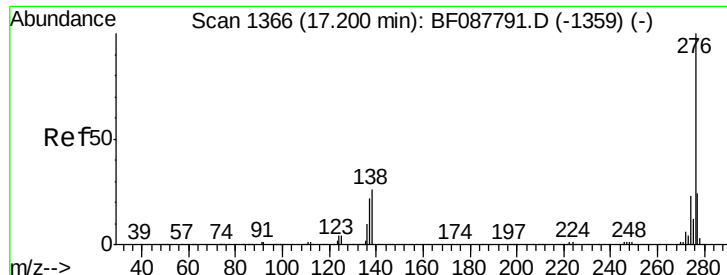


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.64 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BF087902.D

Acq: 11 Jun 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB91188BS

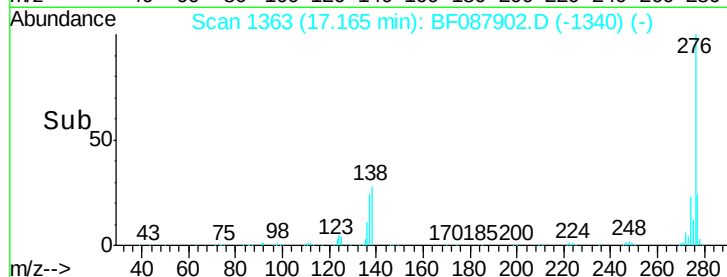
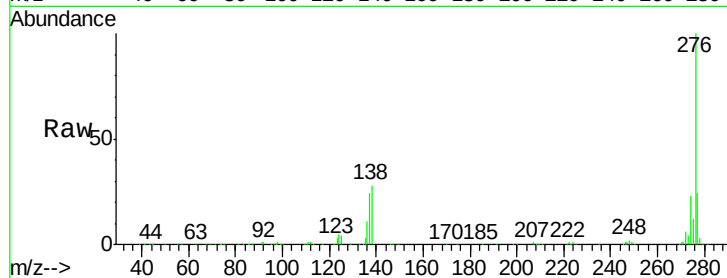
Tot Ion: 276 Resp: 519629

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 28.4 21.4 32.2



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

