

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087040.D
 Acq On : 15 May 2016 1:02
 Operator : UM/SJ
 Sample : PB90466BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Quant Time: May 16 04:49:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	429245	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	582545	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	281483	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	527846	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	330698	20.00	ng	-0.08
86) Perylene-d12	15.11	264	300369	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	947645	37.39	ng	-0.08
7) Phenol-d6	6.40	99	39837	1.18	ng	0.04
23) Nitrobenzene-d5	7.19	82	844289	72.77	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	368231	123.57	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1410438	84.21	ng	-0.08
78) Terphenyl-d14	12.71	244	1203804	77.23	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	133666	10.74	ng	# 61
3) Pyridine	2.78	79	380607	12.51	ng	# 66
4) n-Nitrosodimethylamine	2.73	42	278285	12.62	ng	# 47
6) Aniline	6.35	93	396748	9.68	ng	# 51
8) 2-Chlorophenol	6.40	128	378728	12.38	ng	# 80
10) Phenol	6.30	94	530849	13.18	ng	# 81
11) bis(2-Chloroethyl)ether	6.35	93	397772	12.67	ng	# 80
12) 1,3-Dichlorobenzene	6.78	146	357129	10.79	ng	# 83
13) 1,4-Dichlorobenzene	6.63	146	400800	11.87	ng	# 95
14) 1,2-Dichlorobenzene	6.78	146	357339	12.15	ng	# 93
15) Benzyl Alcohol	6.90	79	228476	9.77	ng	# 23
16) 2,2'-oxybis(1-Chloropropan	6.90	45	747130	10.95	ng	# 54
17) 2-Methylphenol	7.06	107	420903	17.29	ng	# 80
18) Hexachloroethane	7.12	117	152463	12.01	ng	# 97
19) n-Nitroso-di-n-propylamine	7.19	70	120324	5.08	ng	# 71
20) 3+4-Methylphenols	7.06	107	420903	13.24	ng	# 61
22) Acetophenone	7.04	105	558719	40.61	ng	# 96
24) Nitrobenzene	7.21	77	460596	38.59	ng	# 92
25) Isophorone	7.45	82	831033	38.61	ng	# 98
26) 2-Nitrophenol	7.53	139	196040	37.37	ng	# 96
27) 2,4-Dimethylphenol	7.59	122	340472	38.10	ng	# 95
28) bis(2-Chloroethoxy)methane	7.67	93	496446	42.76	ng	# 99
29) 2,4-Dichlorophenol	7.78	162	314090	39.93	ng	# 94
30) 1,2,4-Trichlorobenzene	7.85	180	337652	38.39	ng	# 99
31) Naphthalene	7.92	128	1053691	36.11	ng	# 99
32) Benzoic acid	7.74	122	174517	33.25	ng	# 81
33) 4-Chloroaniline	7.99	127	91628	8.08	ng	# 91
34) Hexachlorobutadiene	8.04	225	192940	37.81	ng	# 96
35) Caprolactam	8.36	113	74905	27.99	ng	# 57
36) 4-Chloro-3-methylphenol	8.49	107	347360	36.42	ng	# 87
37) 2-Methylnaphthalene	8.62	142	744506	43.65	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	289441	35.37	ng	# 98
40) Hexachlorocyclopentadiene	8.76	237	252214	64.93	ng	# 96
42) 2,4,6-Trichlorophenol	8.90	196	199711	36.49	ng	# 95

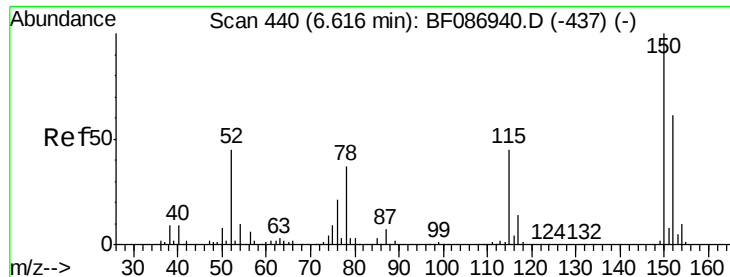
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	195129	34.48	ng	95
45) 1,1'-Biphenyl	9.08	154	870083	38.86	ng	98
46) 2-Chloronaphthalene	9.10	162	647705	36.92	ng #	92
47) 2-Nitroaniline	9.21	65	255017	39.78	ng #	76
48) Acenaphthylene	9.51	152	978175	37.91	ng	99
49) Dimethylphthalate	9.39	163	829821	38.64	ng	100
50) 2,6-Dinitrotoluene	9.45	165	158133	34.99	ng #	66
51) Acenaphthene	9.68	154	601318	37.47	ng	99
52) 3-Nitroaniline	9.62	138	64281	13.51	ng	83
53) 2,4-Dinitrophenol	9.74	184	106682	49.44	ng	90
54) Dibenzofuran	9.85	168	867820	42.12	ng	91
55) 4-Nitrophenol	9.85	139	580935	177.24	ng #	22
56) 2,4-Dinitrotoluene	9.86	165	235096	42.03	ng #	78
57) Fluorene	10.19	166	635083	36.14	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	180076	42.26	ng	98
59) Diethylphthalate	10.09	149	843147	40.29	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	338367	44.03	ng	89
61) 4-Nitroaniline	10.24	138	155092	33.94	ng #	71
62) Azobenzene	10.35	77	988116	43.77	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	96239	29.35	ng #	21
65) n-Nitrosodiphenylamine	10.32	169	675370	41.65	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	200515	37.47	ng #	87
67) Hexachlorobenzene	10.74	284	254755	40.73	ng #	91
68) Atrazine	10.86	200	213800	39.47	ng	96
69) Pentachlorophenol	10.95	266	203818	70.51	ng	97
70) Phenanthrene	11.15	178	1162552	41.27	ng	100
71) Anthracene	11.20	178	1050688	36.47	ng	99
72) Carbazole	11.37	167	1055384	42.62	ng	100
73) Di-n-butylphthalate	11.70	149	1212808	40.10	ng #	98
74) Fluoranthene	12.33	202	1046423	36.12	ng	98
76) Benzidine	12.47	184	231535	27.46	ng	96
77) Pyrene	12.56	202	1154232	45.59	ng	100
79) Butylbenzylphthalate	13.19	149	478496	44.68	ng #	71
80) Benzo(a)anthracene	13.75	228	807966	43.52	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	142986	12.12	ng #	97
82) Chrysene	13.78	228	843347	44.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	609727	47.33	ng #	96
84) Di-n-octyl phthalate	14.35	149	1026693	48.12	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	728741	46.38	ng	95
87) Benzo(b)fluoranthene	14.74	252	1365066	69.93	ng	98
88) Benzo(k)fluoranthene	14.74	252	1365462	85.43	ng	100
89) Benzo(a)pyrene	15.06	252	679015	40.33	ng	98
90) Dibenzo(a,h)anthracene	16.37	278	611200	43.07	ng	98
91) Benzo(g,h,i)perylene	16.73	276	620823	43.06	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

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BNA_F

ClientSampleId :

PB90466BS

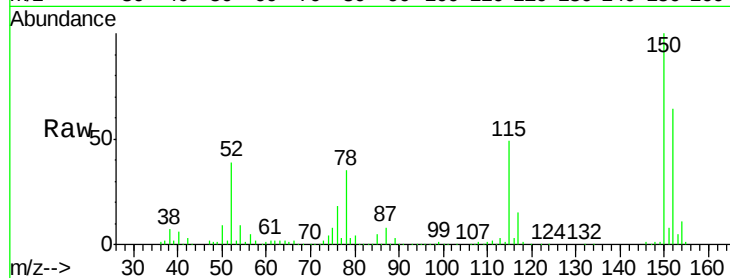
Tgt Ion:152 Resp: 429245

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

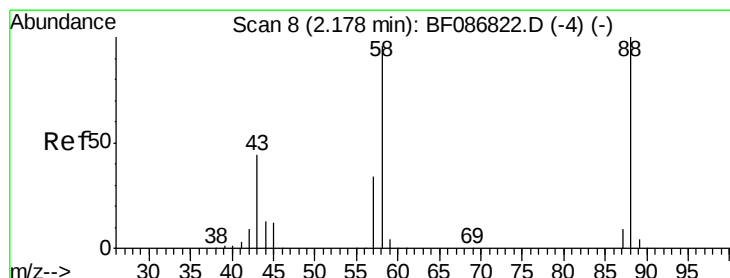
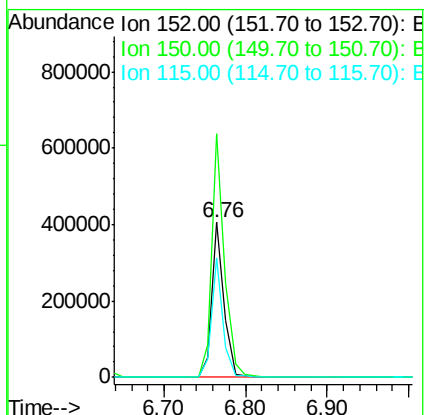
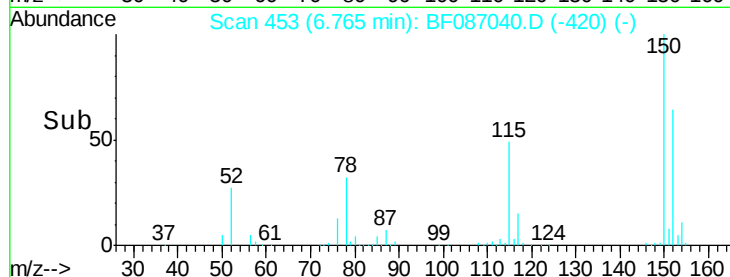
115 76.9 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.74 ng

RT: 2.14 min Scan# 48

Delta R.T. -0.04 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

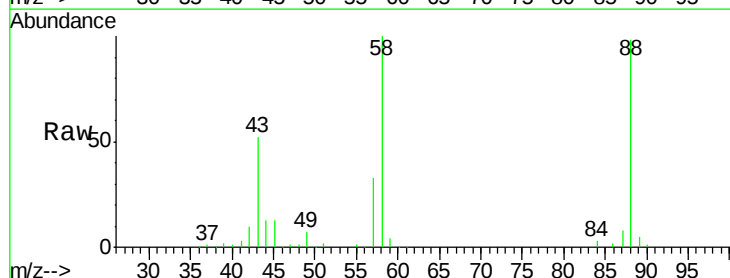
Tgt Ion: 88 Resp: 133666

Ion Ratio Lower Upper

88 100

58 97.3 59.6 89.4#

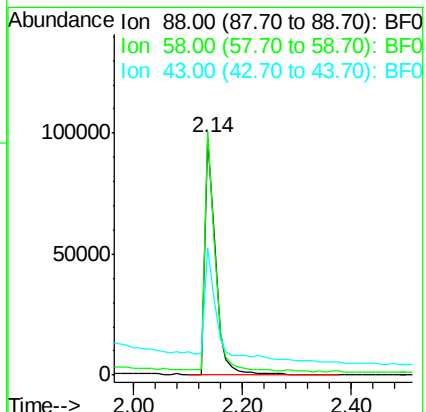
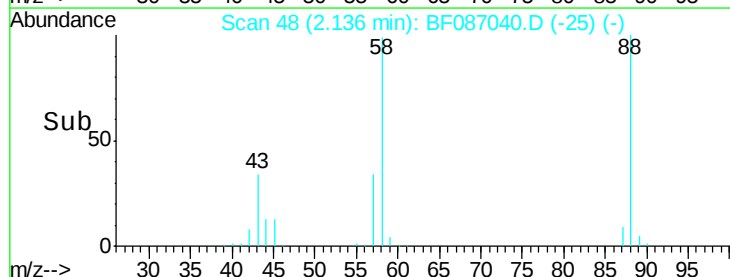
43 64.2 21.8 32.6#

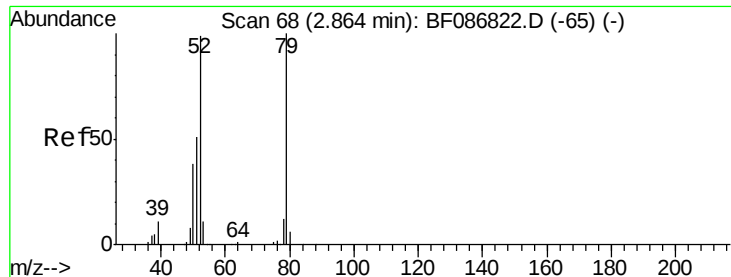


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.51 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

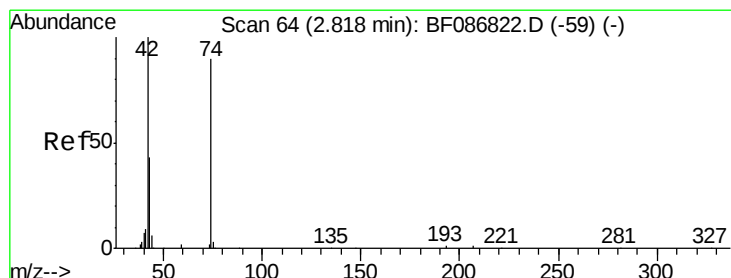
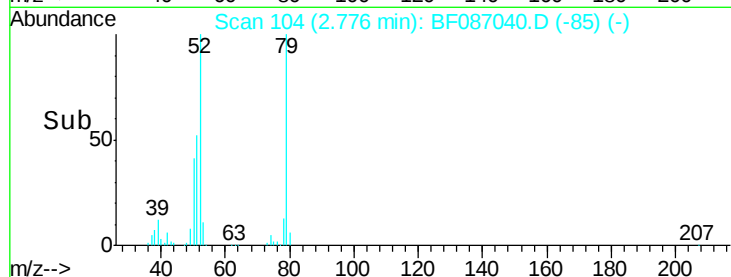
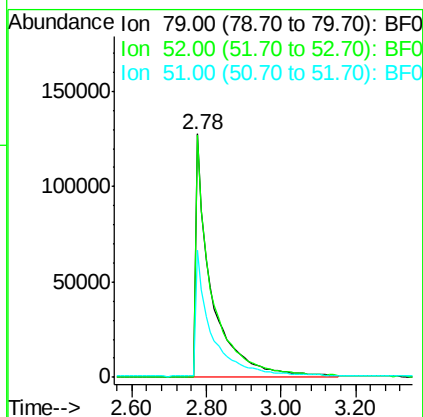
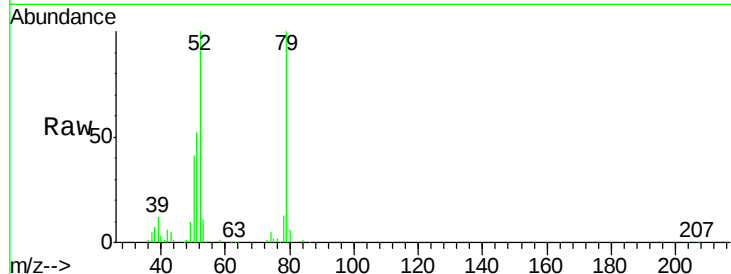
Tgt Ion: 79 Resp: 380607

Ion Ratio Lower Upper

79 100

52 99.8 55.9 83.9#

51 52.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.62 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

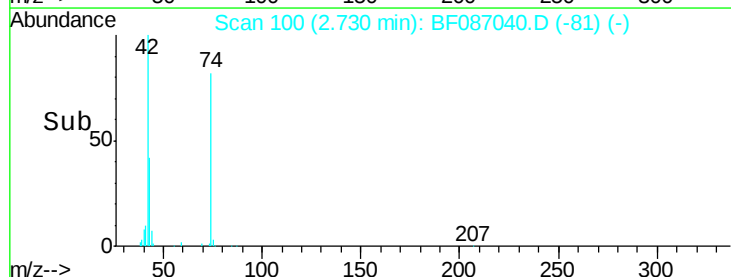
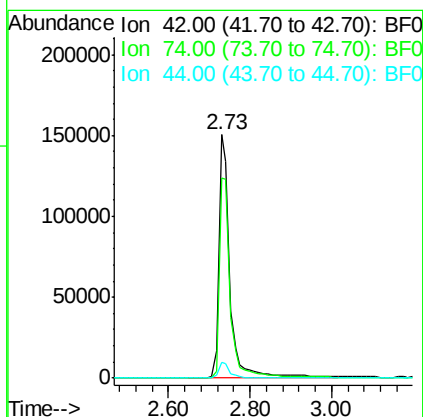
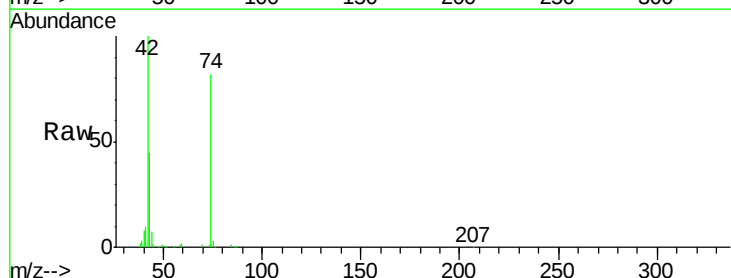
Tgt Ion: 42 Resp: 278285

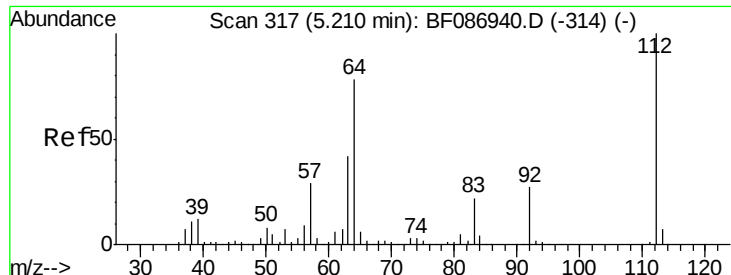
Ion Ratio Lower Upper

42 100

74 82.0 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 37.39 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampled :

PB90466BS

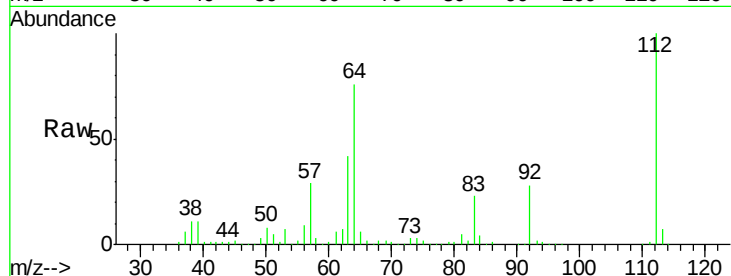
Tgt Ion: 112 Resp: 947645

Ion Ratio Lower Upper

112 100

64 76.1 52.1 78.1

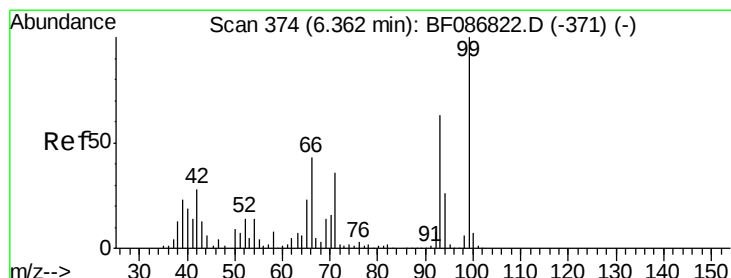
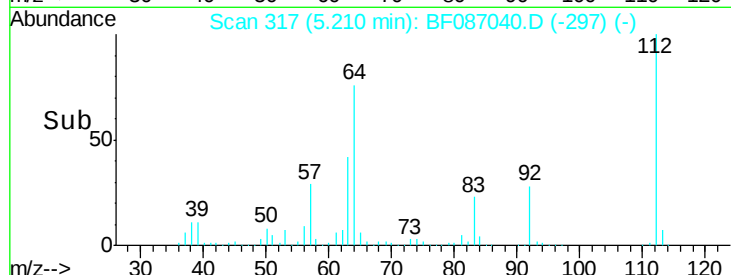
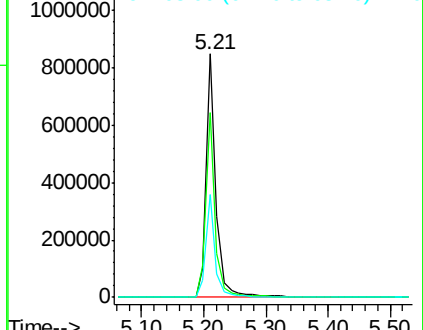
63 42.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.68 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

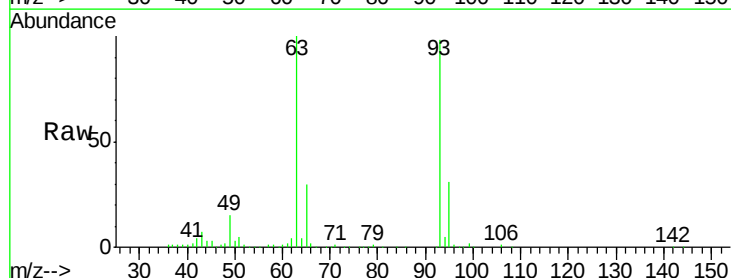
Tgt Ion: 93 Resp: 396748

Ion Ratio Lower Upper

93 100

66 1.8 39.0 58.6#

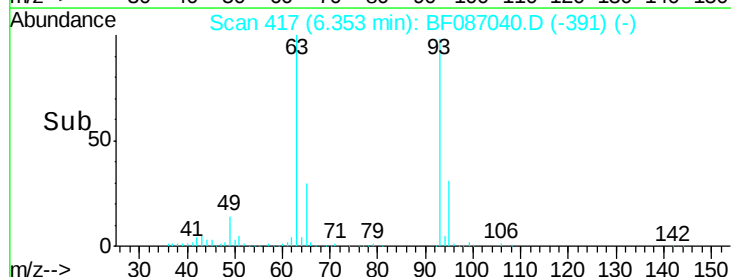
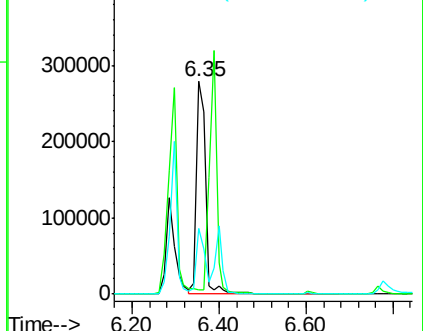
65 30.9 20.6 31.0

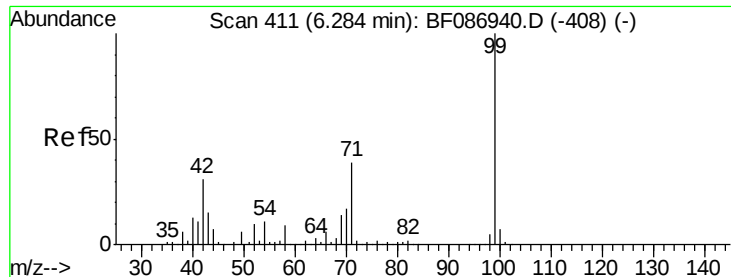


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.18 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

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ClientSampleId :

PB90466BS

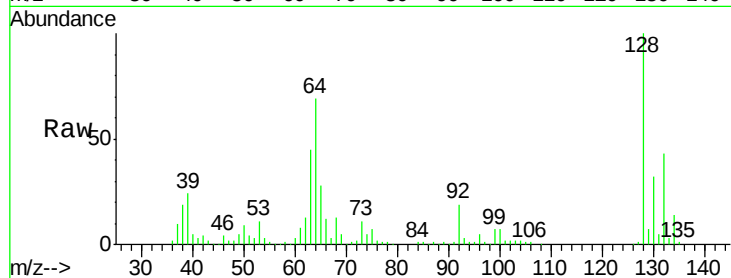
Tgt Ion: 99 Resp: 39837

Ion Ratio Lower Upper

99 100

42 52.0 13.6 20.4#

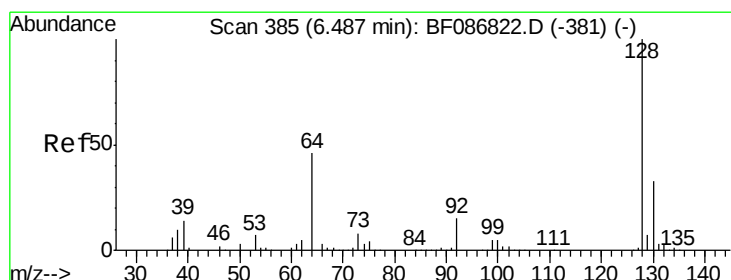
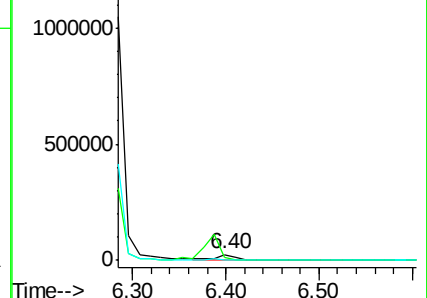
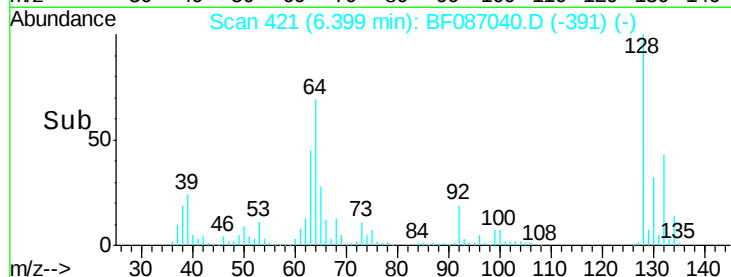
71 10.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 12.38 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

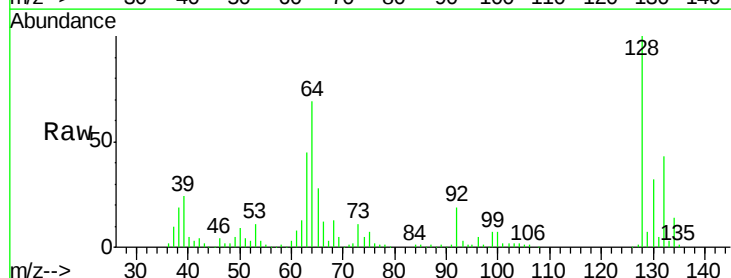
Tgt Ion: 128 Resp: 378728

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

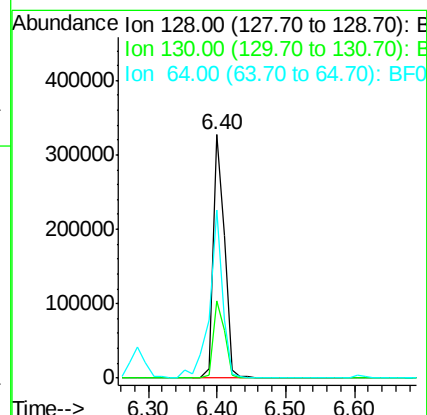
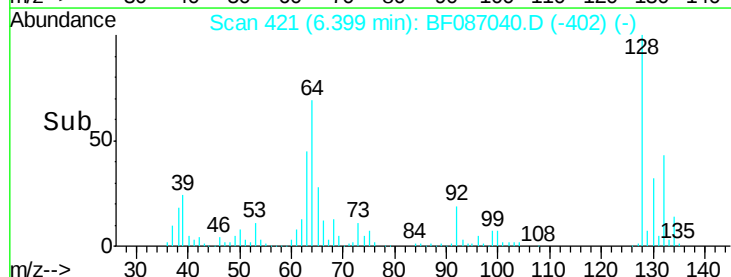
64 68.9 27.3 67.3#

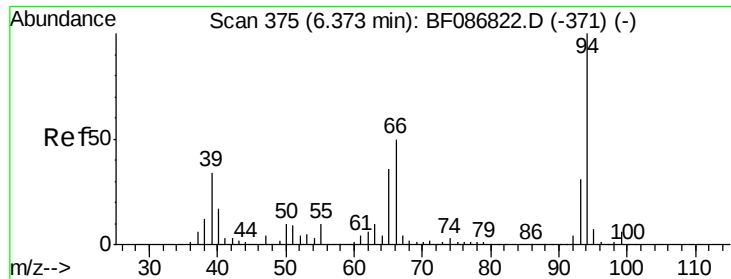


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.18 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

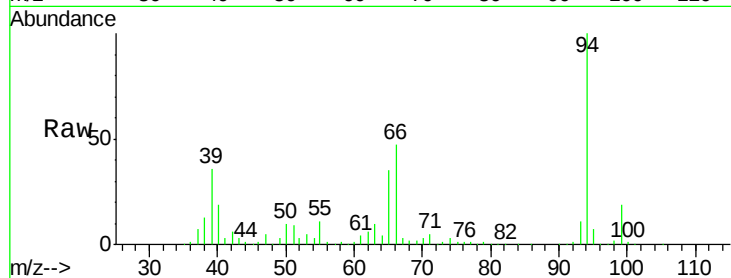
Tgt Ion: 94 Resp: 530849

Ion Ratio Lower Upper

94 100

65 35.2 7.2 47.2

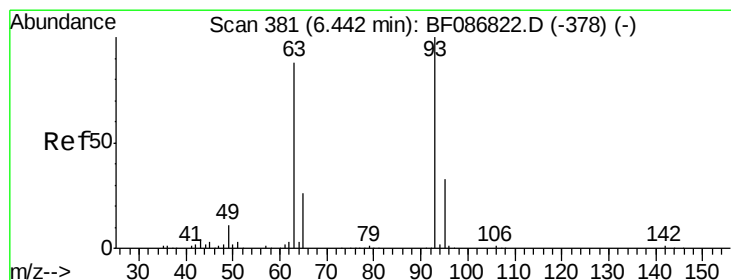
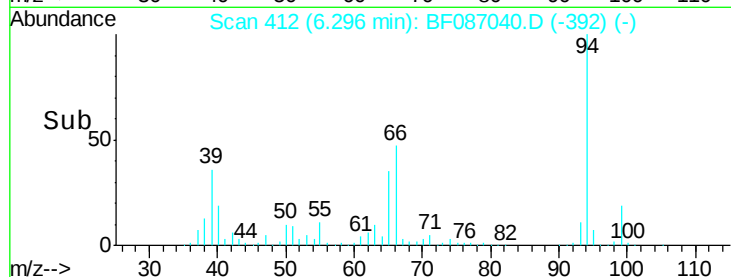
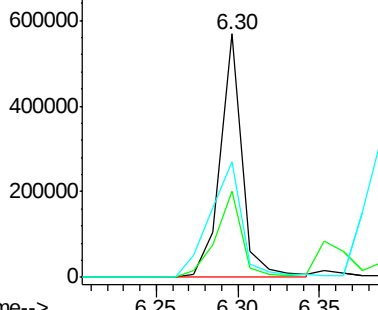
66 47.5 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.67 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

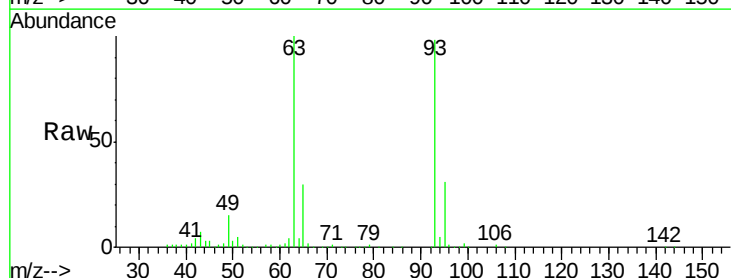
Tgt Ion: 93 Resp: 397772

Ion Ratio Lower Upper

93 100

63 102.5 58.0 98.0#

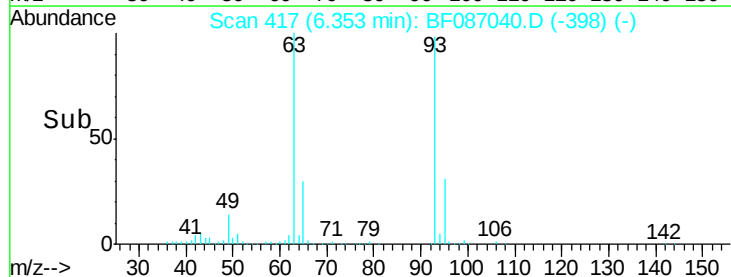
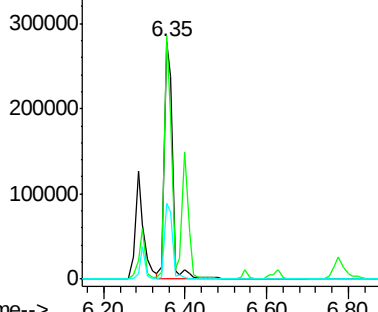
95 31.8 11.9 51.9

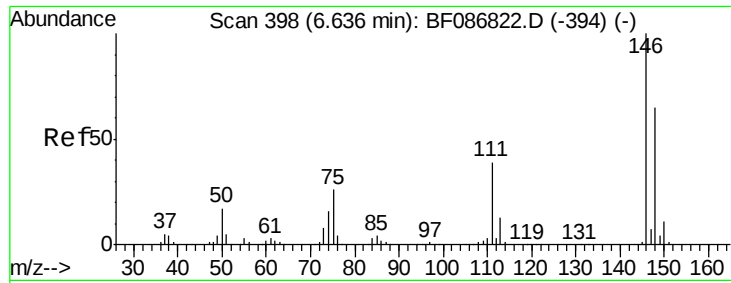


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 10.79 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

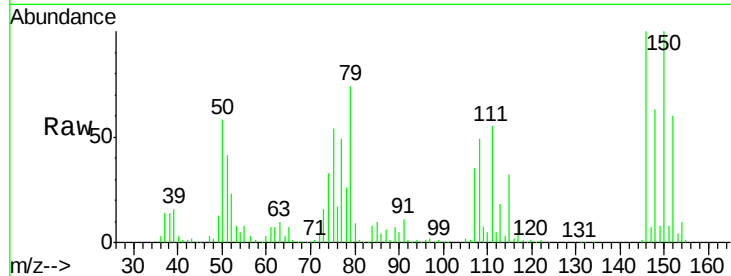
Tgt Ion:146 Resp: 357129

Ion Ratio Lower Upper

146 100

148 62.9 52.4 78.6

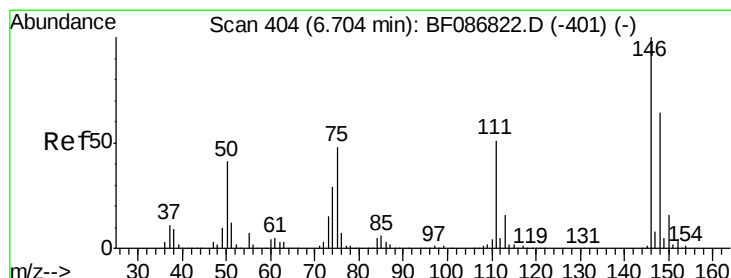
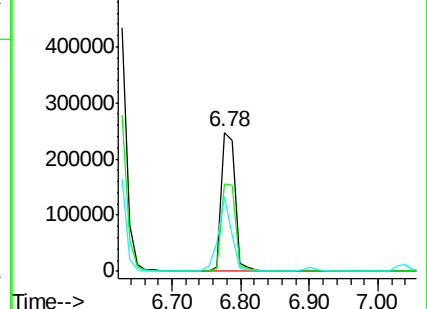
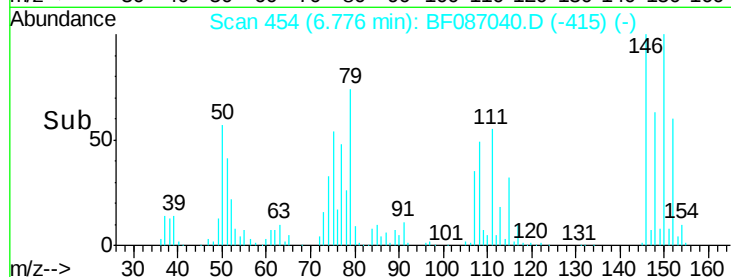
75 53.7 22.8 34.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.87 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

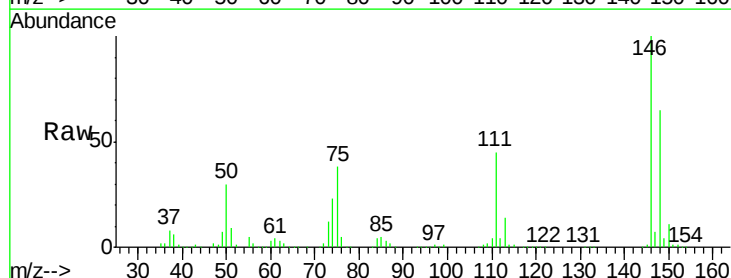
Tgt Ion:146 Resp: 400800

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

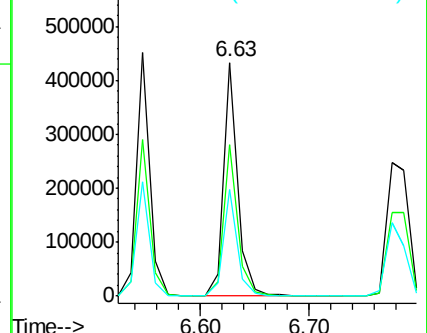
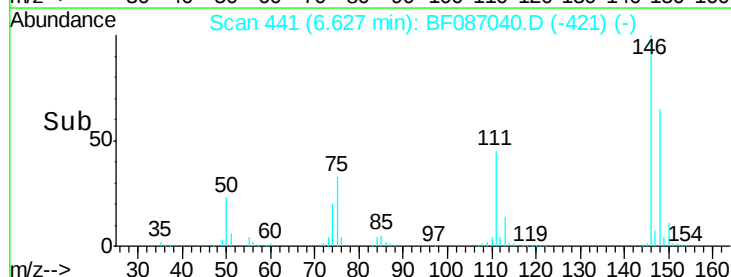
111 45.4 30.7 46.1

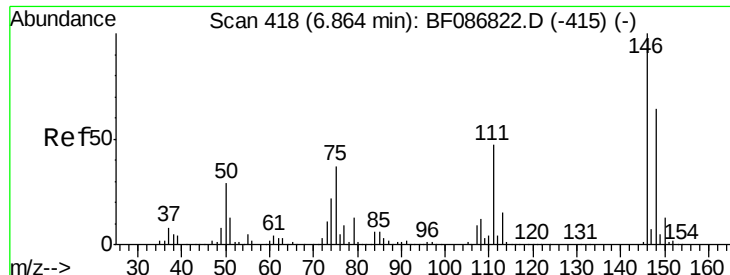


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

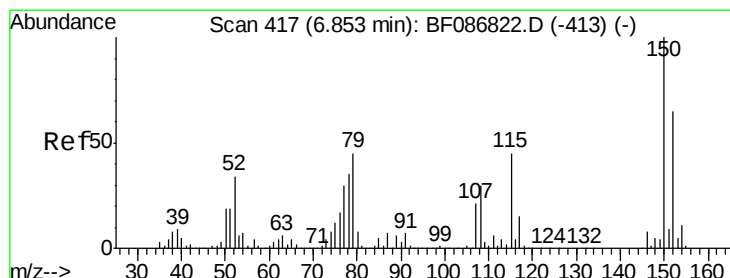
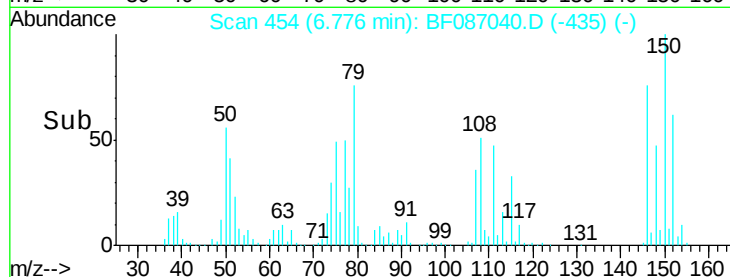
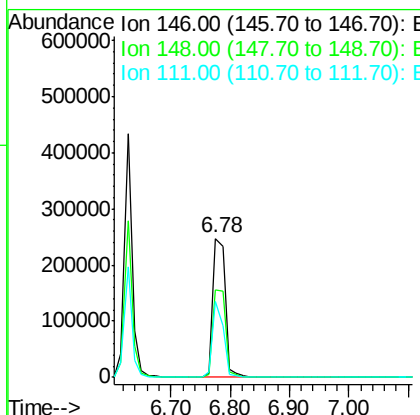
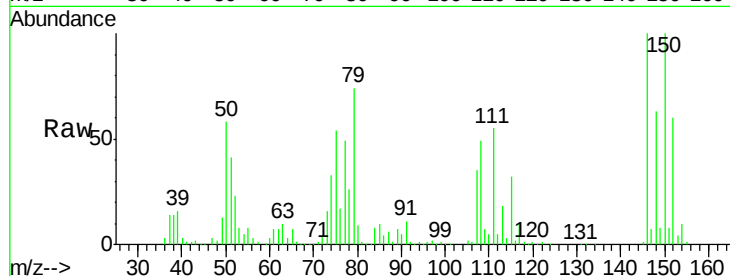




#14
 1,2-Dichlorobenzene
 Concen: 12.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

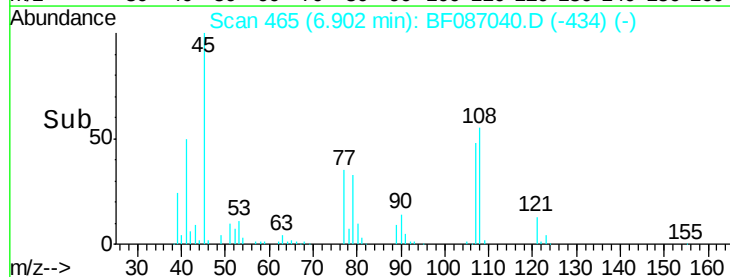
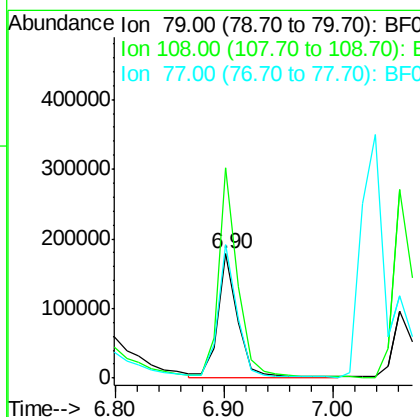
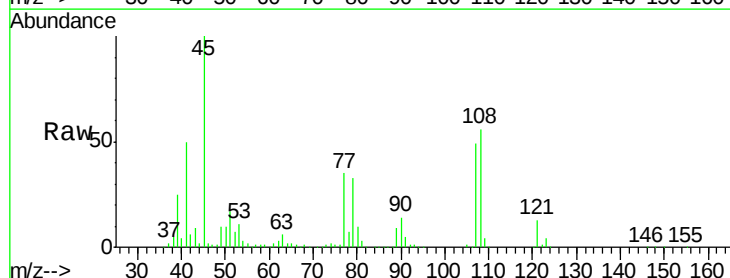
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

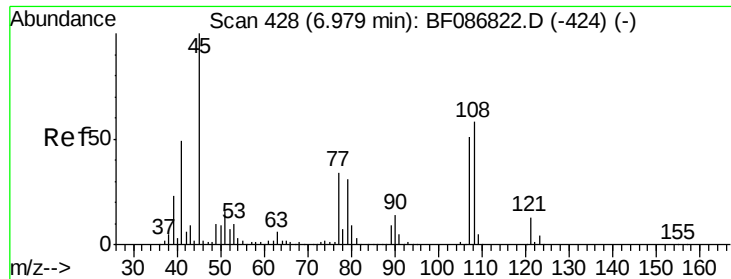
Tgt Ion: 146 Resp: 357339
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 55.0 36.2 54.4#



#15
 Benzyl Alcohol
 Concen: 9.77 ng
 RT: 6.90 min Scan# 465
 Delta R.T. 0.05 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion: 79 Resp: 228476
 Ion Ratio Lower Upper
 79 100
 108 169.9 68.4 102.6#
 77 107.8 50.6 76.0#

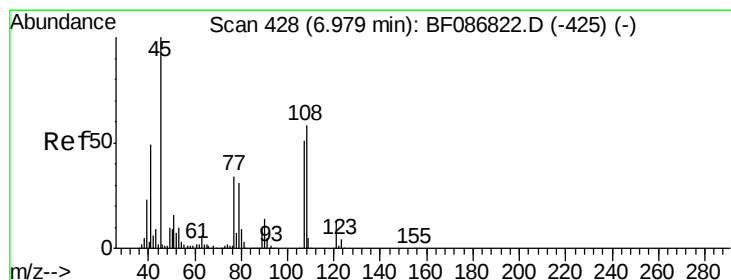
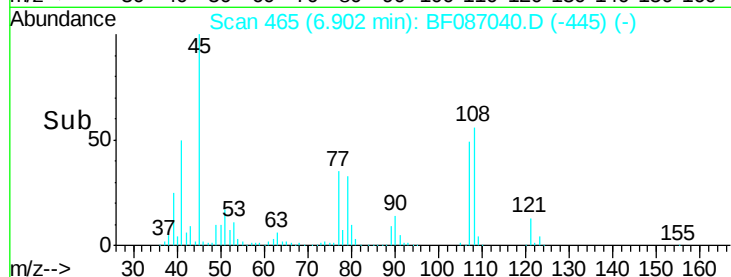
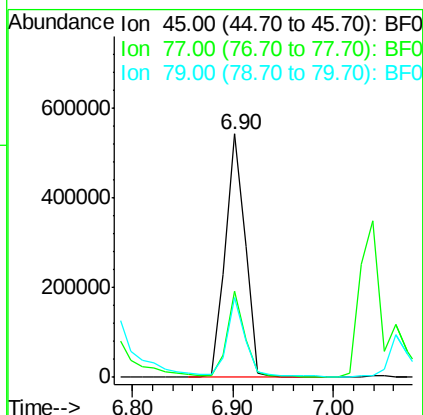
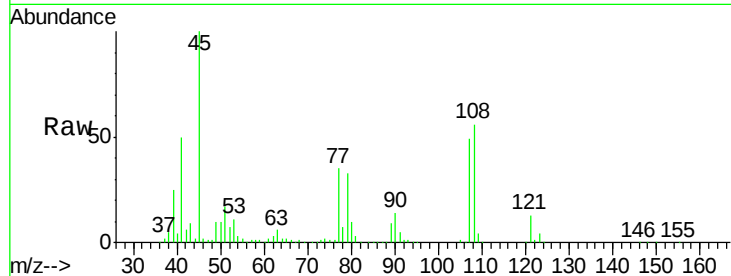




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.95 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

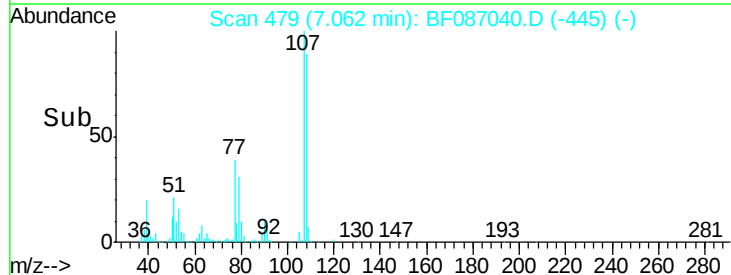
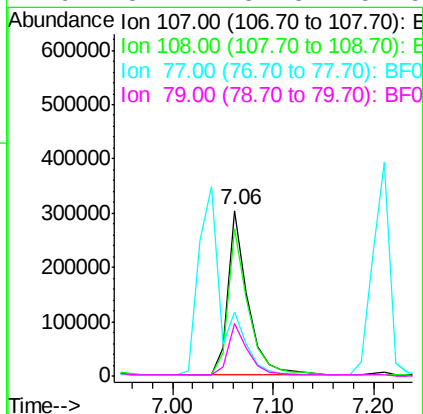
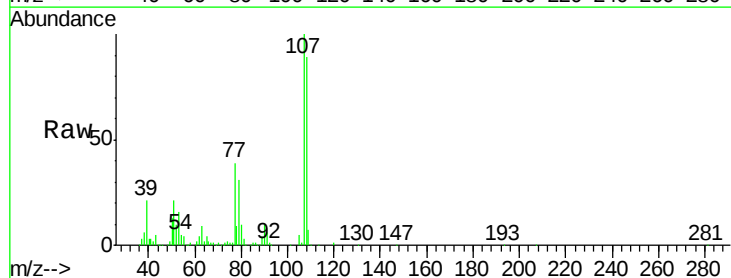
Instrument :
BNA_F
ClientSampleId :
PB90466BS

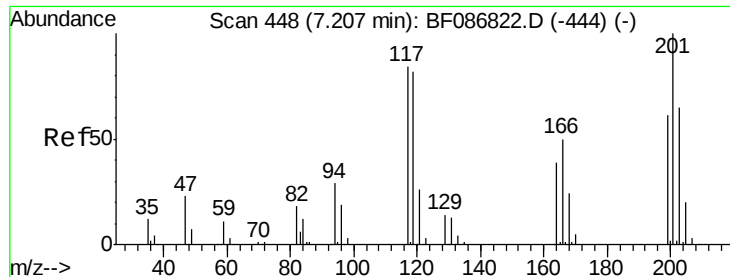
Tgt Ion: 45 Resp: 747130
Ion Ratio Lower Upper
45 100
77 35.4 0.0 36.4
79 32.8 0.0 33.4



#17
2-Methylphenol
Concen: 17.29 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 107 Resp: 420903
Ion Ratio Lower Upper
107 100
108 89.1 93.7 140.5#
77 38.5 33.4 50.0
79 31.4 34.3 51.5#

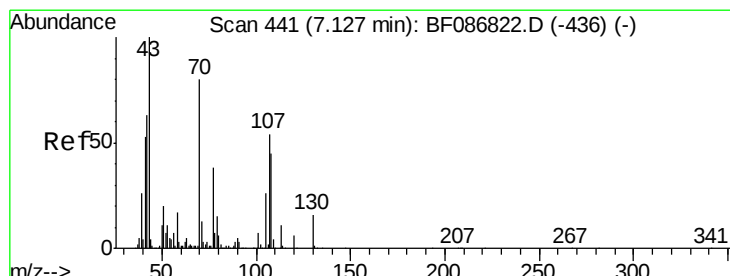
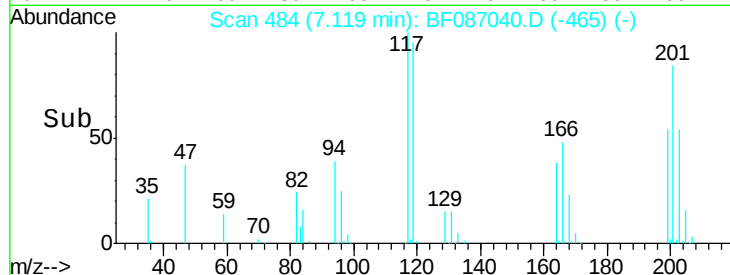
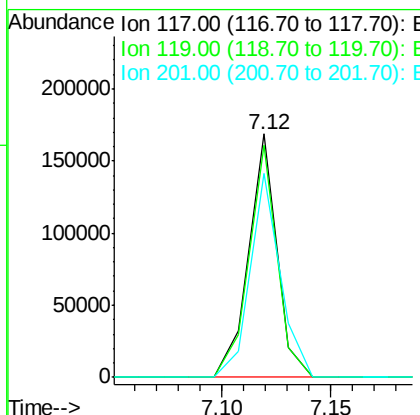
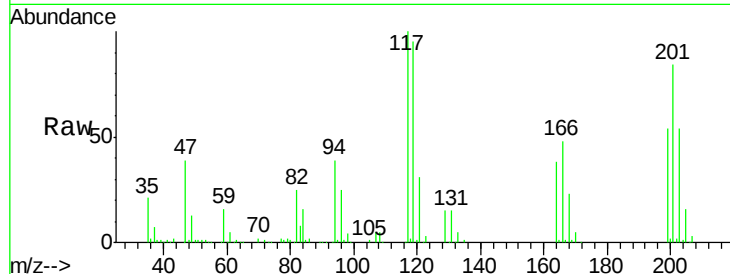




#18
Hexachloroethane
Concen: 12.01 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

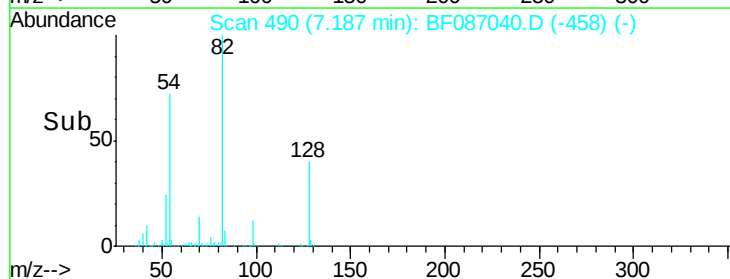
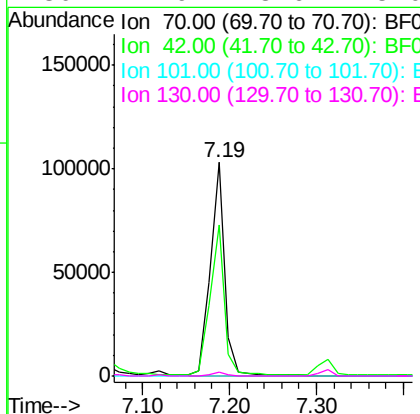
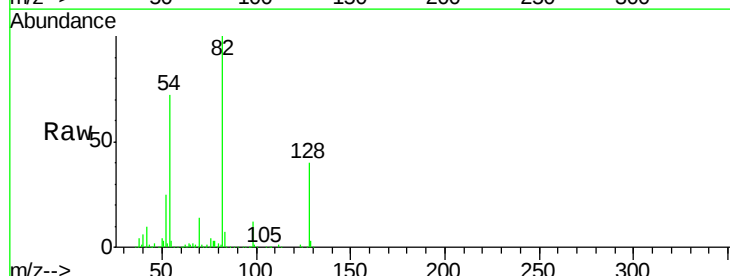
Instrument :
BNA_F
ClientSampleId :
PB90466BS

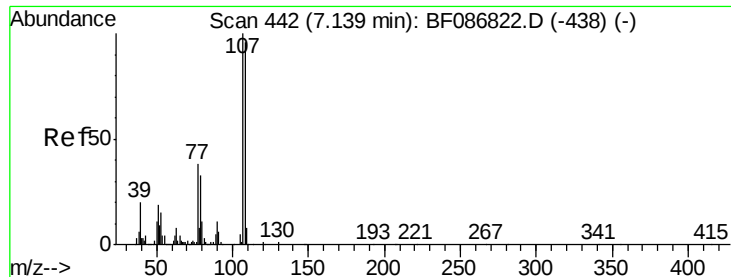
Tgt Ion: 117 Resp: 152463
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 83.6 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.08 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 70 Resp: 120324
Ion Ratio Lower Upper
70 100
42 70.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#20

3+4-Methylphenols

Concen: 13.24 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

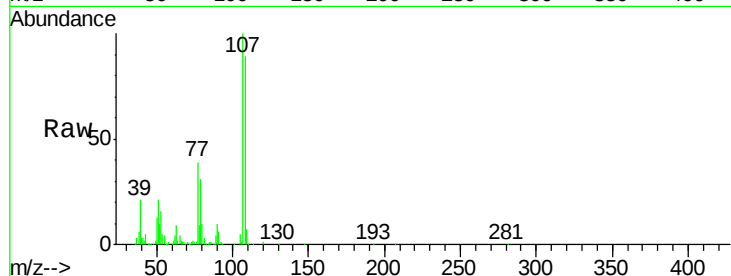
Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion:	107	Resp:	420903
Ion Ratio	Lower	Upper	
107	100		
108	89.1	68.5	108.5
77	38.5	101.6	141.6#
79	31.4	7.4	47.4

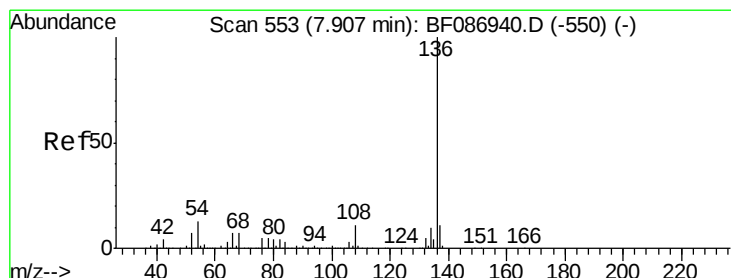
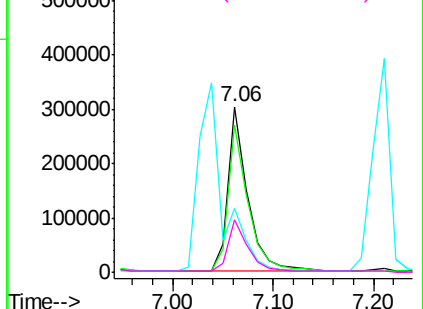
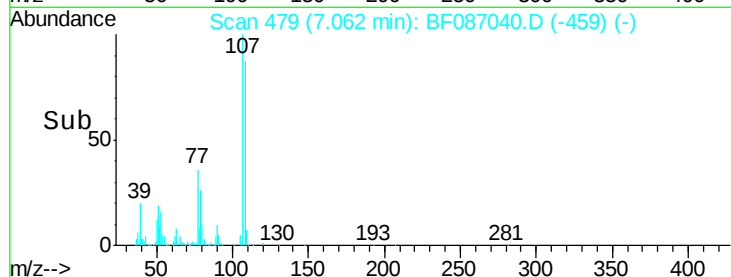


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

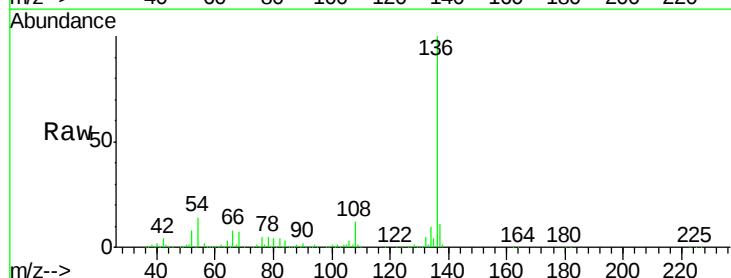
RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	136	Resp:	582545
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	14.3	5.0	7.4#
68	7.2	4.4	6.6#

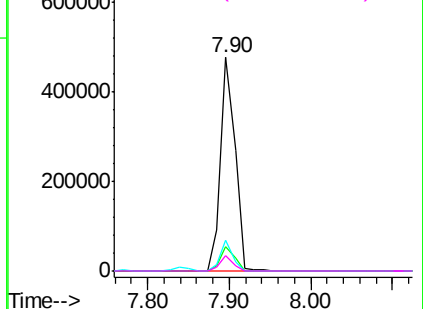
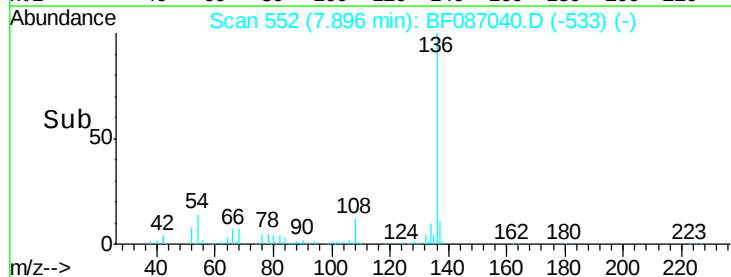


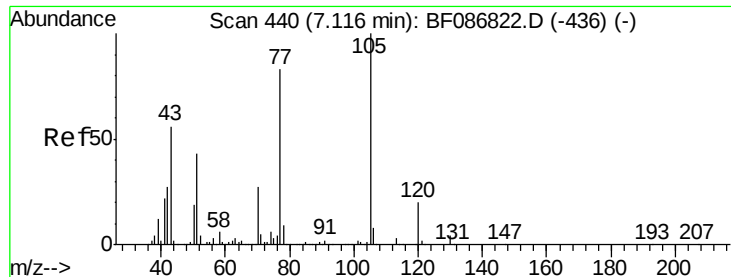
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.61 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion:105 Resp: 558719

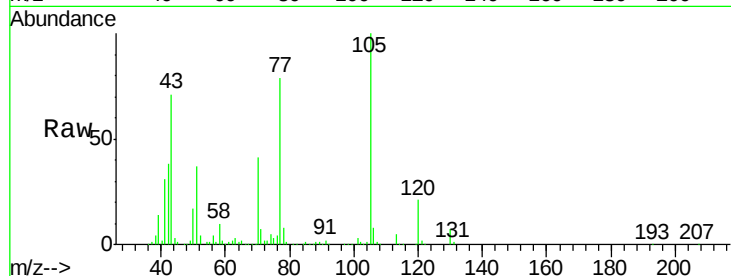
Ion Ratio Lower Upper

105 100

71 6.9 4.8 7.2

51 37.2 32.6 49.0

120 21.5 16.5 24.7

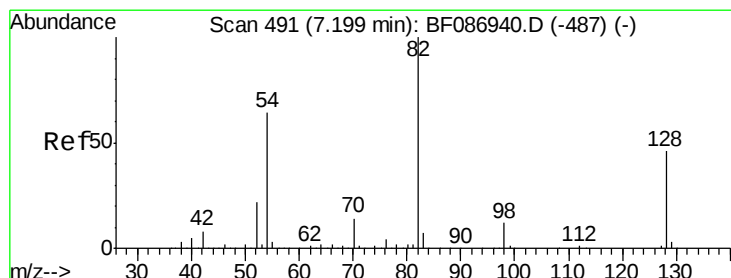
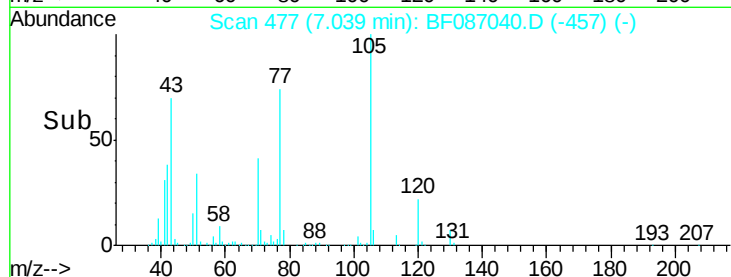
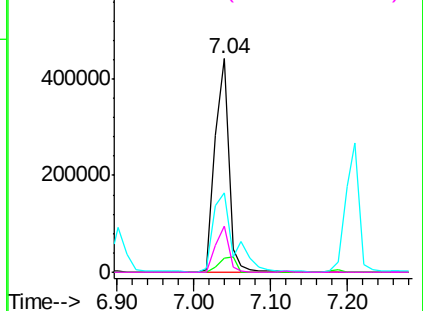


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.77 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

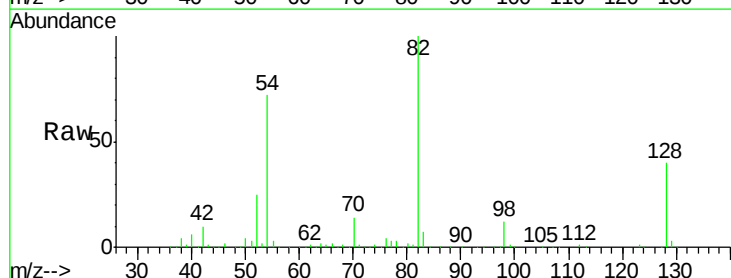
Tgt Ion: 82 Resp: 844289

Ion Ratio Lower Upper

82 100

128 39.8 40.6 61.0#

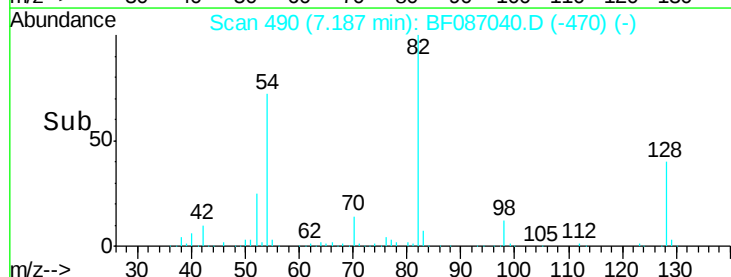
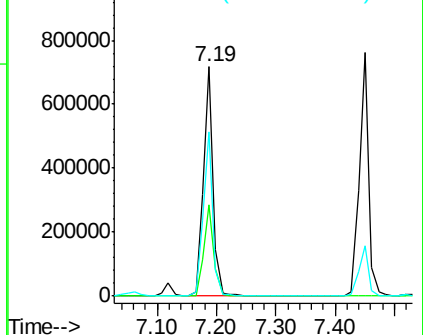
54 71.8 38.1 57.1#

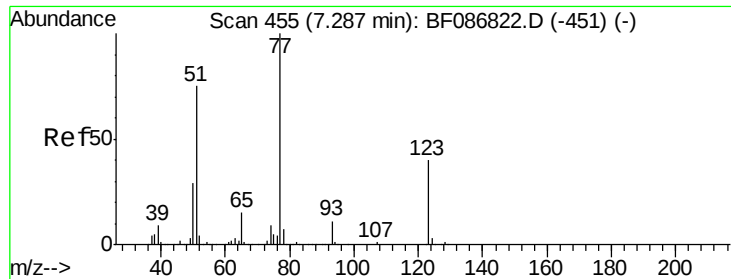


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 38.59 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampled :

PB90466BS

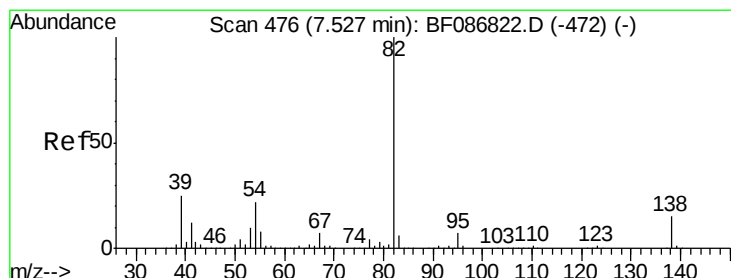
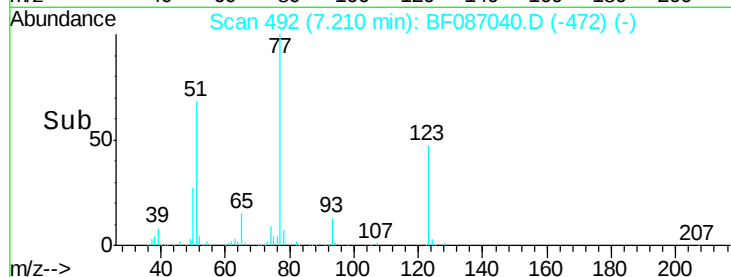
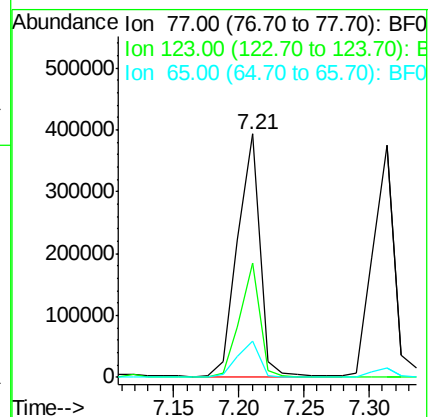
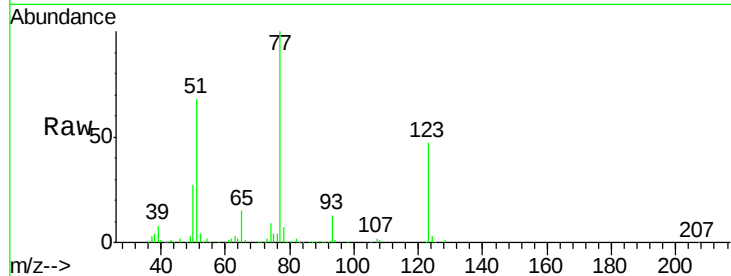
Tgt Ion: 77 Resp: 460596

Ion Ratio Lower Upper

77 100

123 46.8 33.0 49.4

65 14.9 10.8 16.2



#25

Isophorone

Concen: 38.61 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

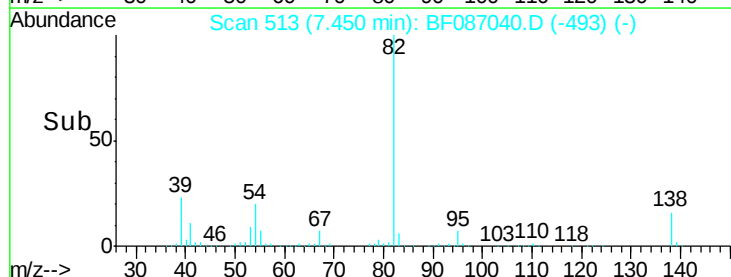
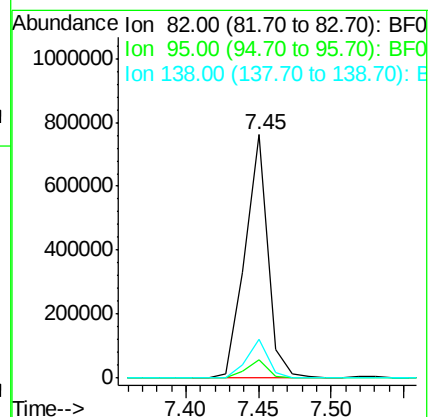
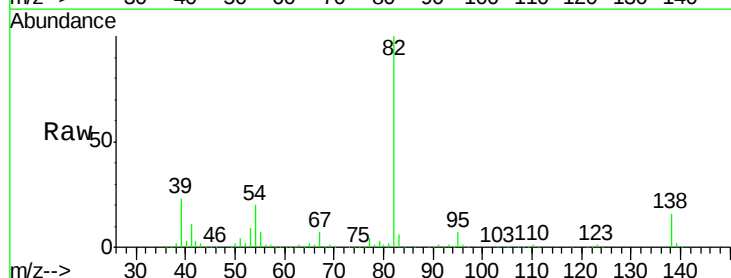
Tgt Ion: 82 Resp: 831033

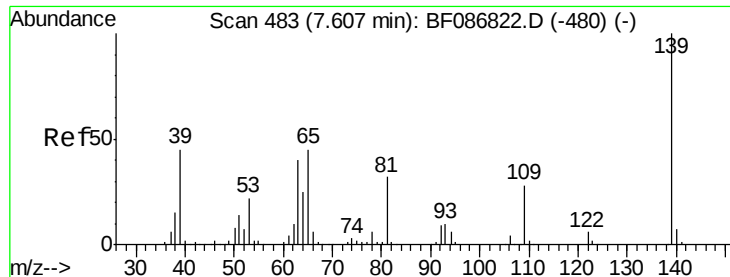
Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 16.2 12.4 18.6

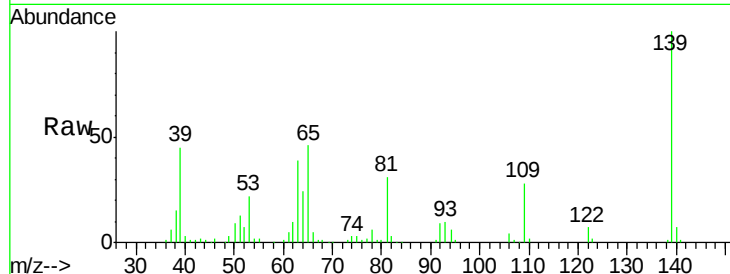




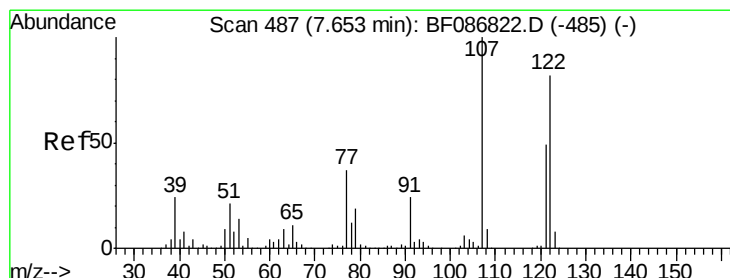
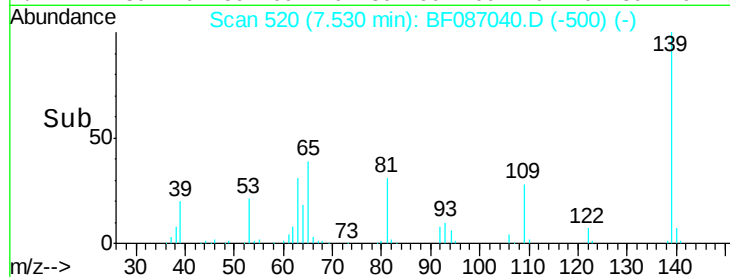
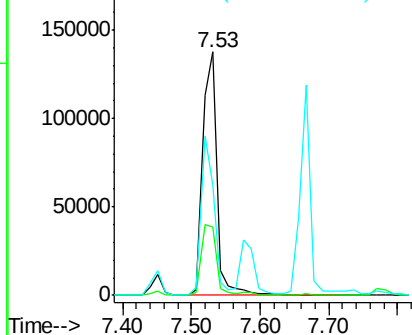
#26
 2-Nitrophenol
 Concen: 37.37 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.2	19.5	29.3
65	45.6	37.5	56.3

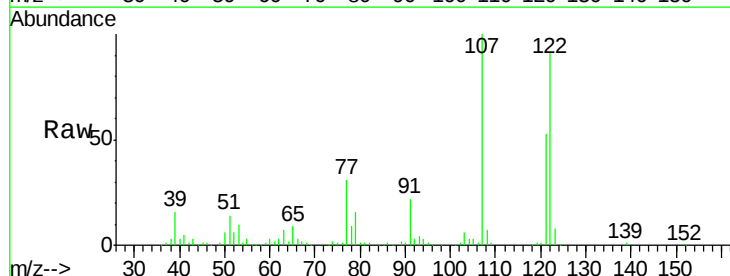


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

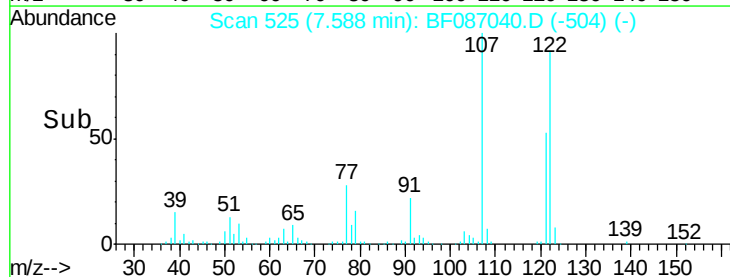
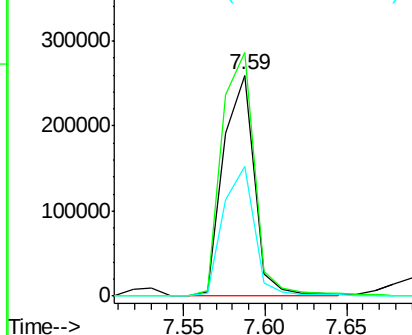


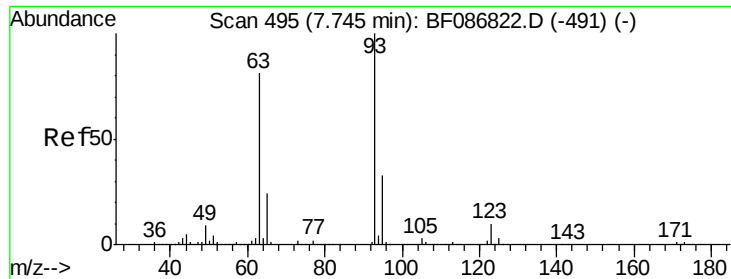
#27
 2,4-Dimethylphenol
 Concen: 38.10 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.3	82.0	123.0
121	58.8	46.1	69.1



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

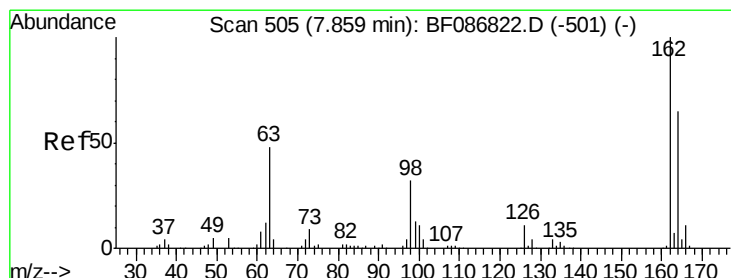
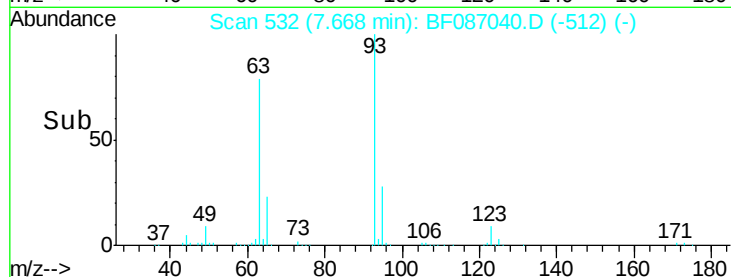
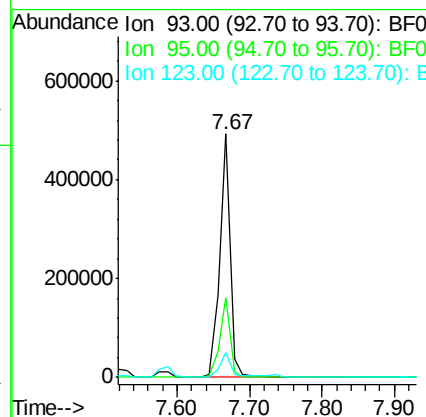
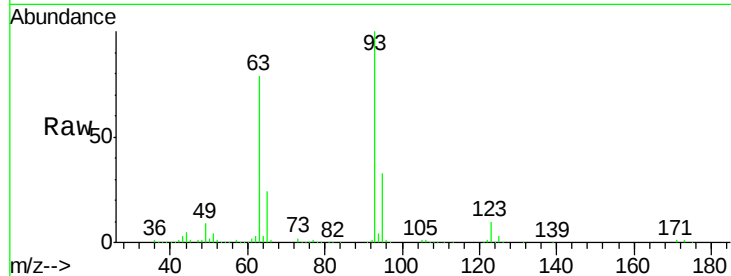




#28
bis(2-Chloroethoxy)methane
Concen: 42.76 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

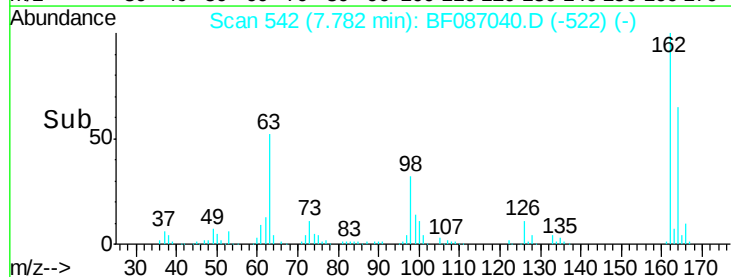
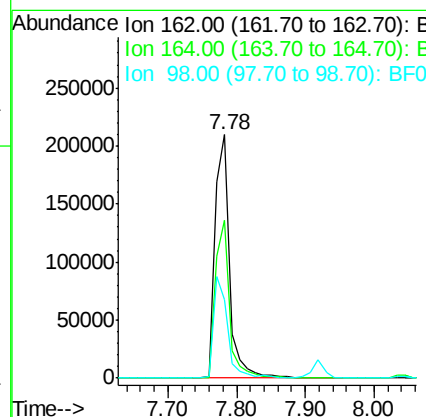
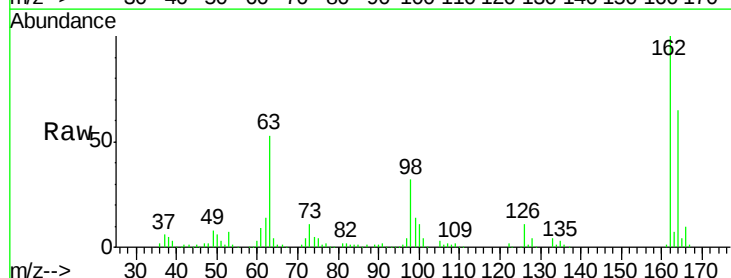
Instrument :
BNA_F
ClientSampleId :
PB90466BS

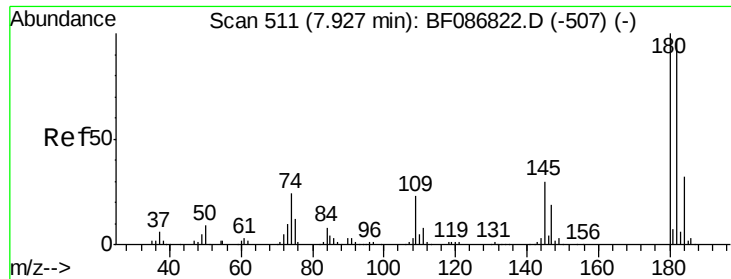
Tgt Ion: 93 Resp: 496446
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 10.1 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 39.93 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 162 Resp: 314090
Ion Ratio Lower Upper
162 100
164 64.8 42.2 82.2
98 32.4 19.0 59.0

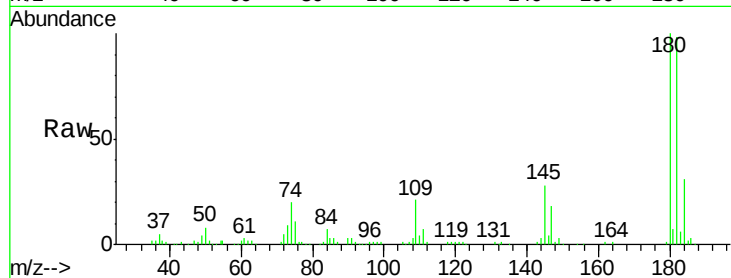




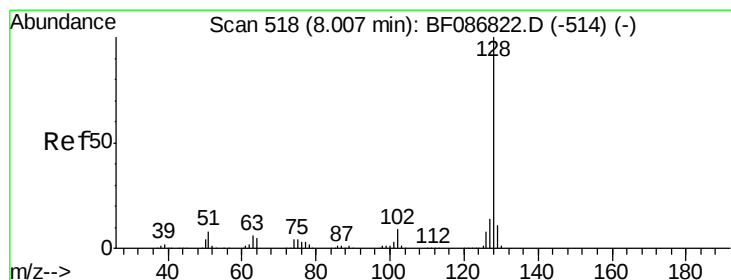
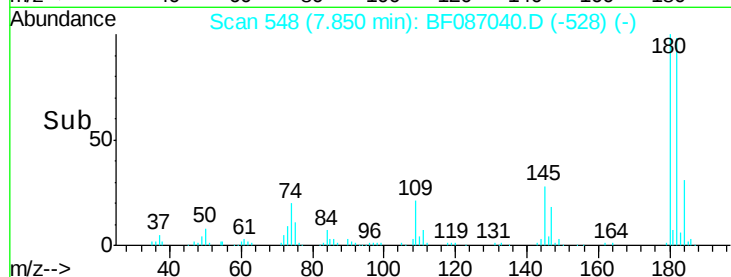
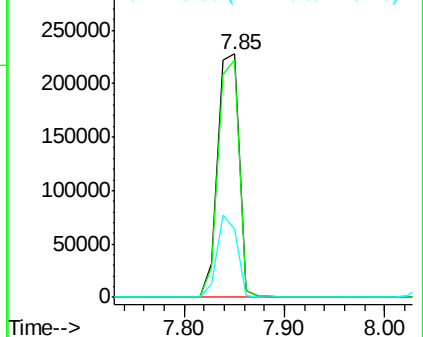
#30
 1,2,4-Trichlorobenzene
 Concen: 38.39 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:180 Resp: 337652
 Ion Ratio Lower Upper
 180 100
 182 97.6 78.0 117.0
 145 28.0 24.2 36.2

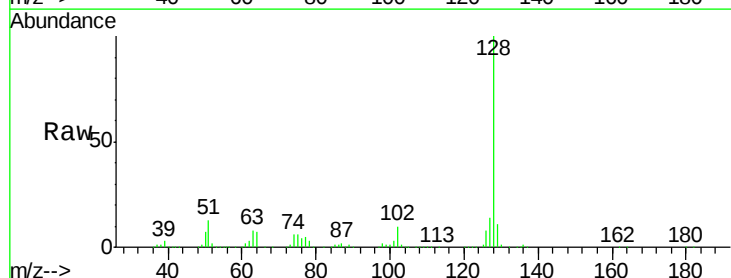


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

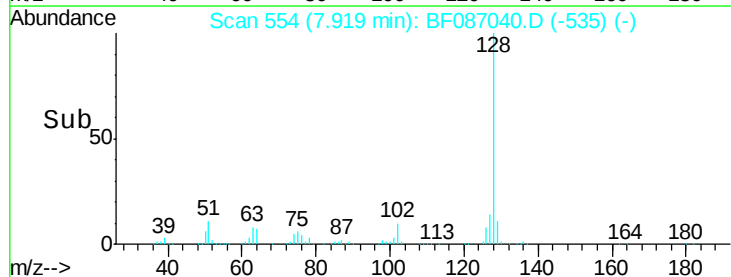
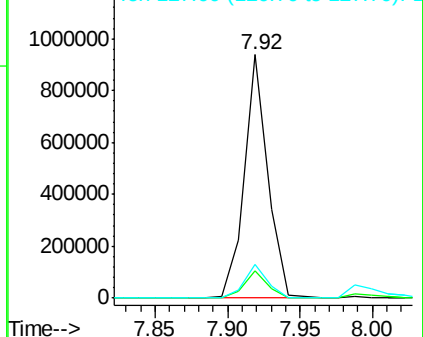


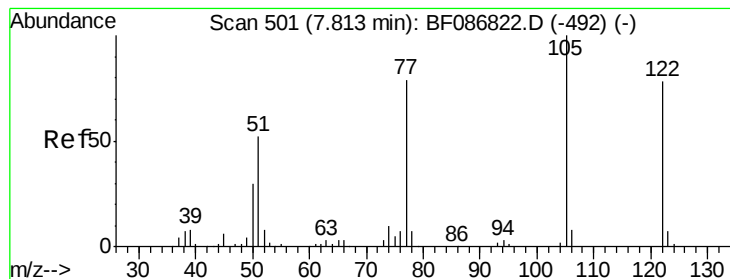
#31
 Naphthalene
 Concen: 36.11 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:128 Resp: 1053691
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 13.0
 127 13.6 10.8 16.2



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





#32

Benzoic acid

Concen: 33.25 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

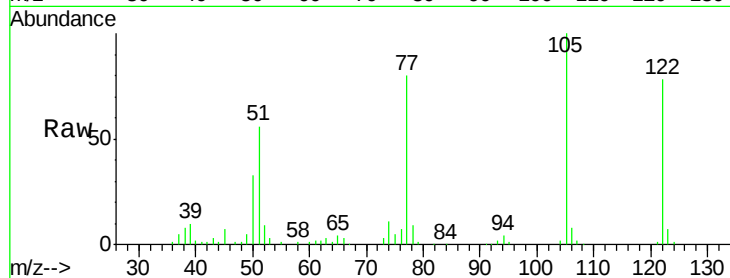
Tgt Ion:122 Resp: 174517

Ion Ratio Lower Upper

122 100

105 127.7 92.6 132.6

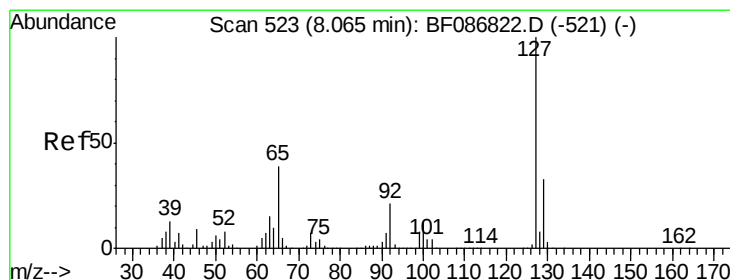
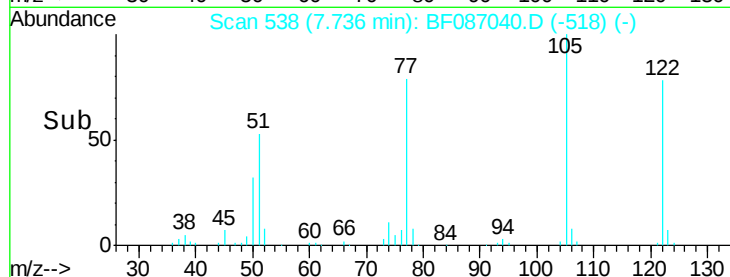
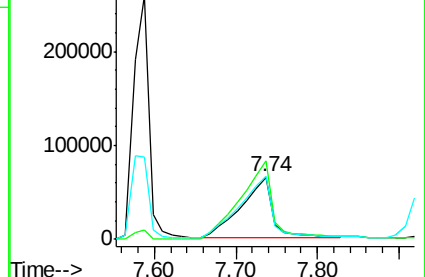
77 102.7 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 8.08 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:127 Resp: 91628

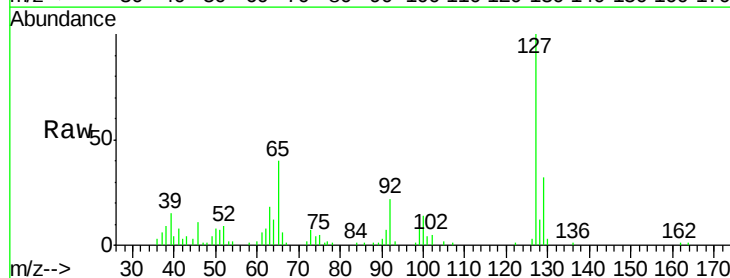
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.4

65 40.0 23.0 34.4#

92 21.9 15.1 22.7

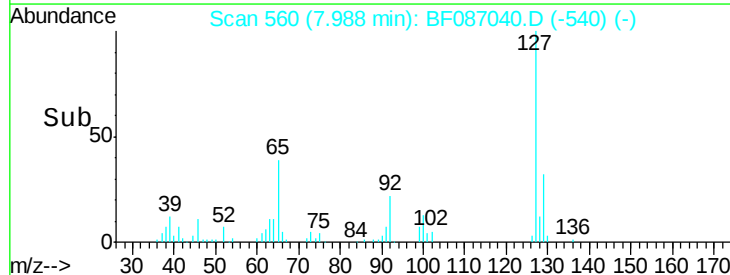
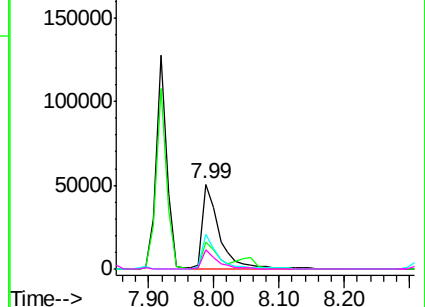


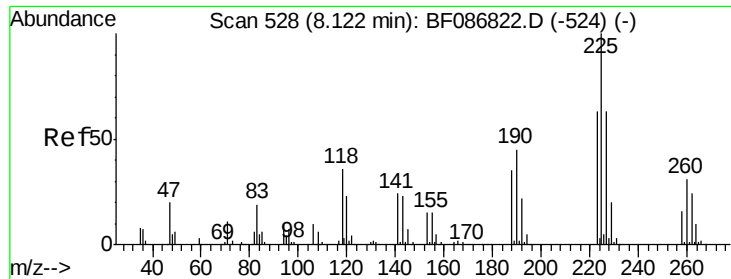
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

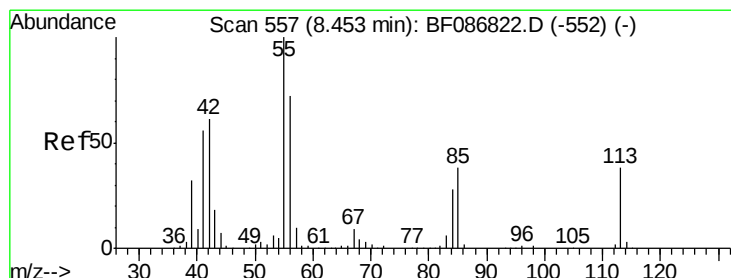
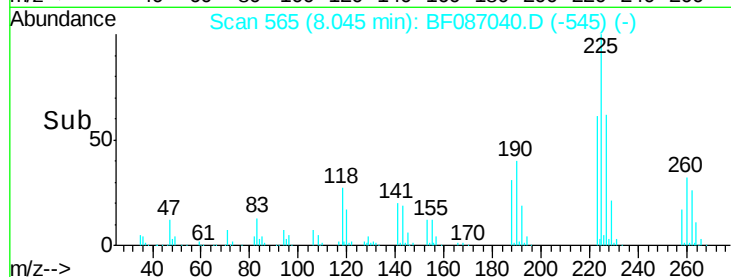
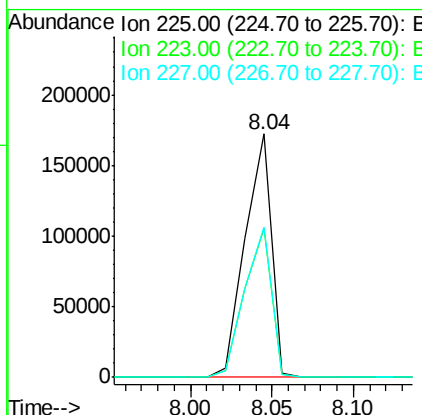
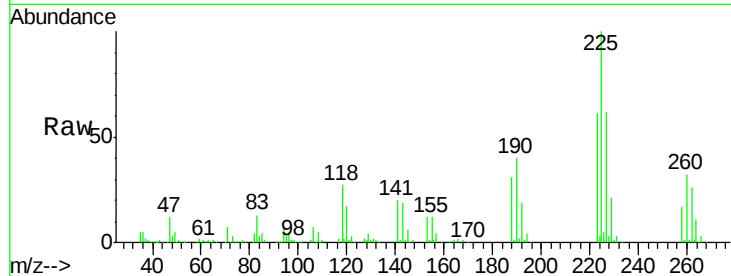




#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

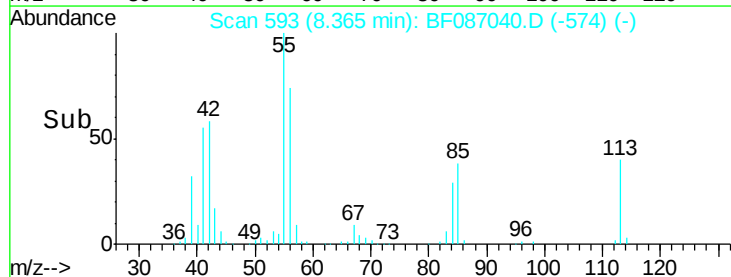
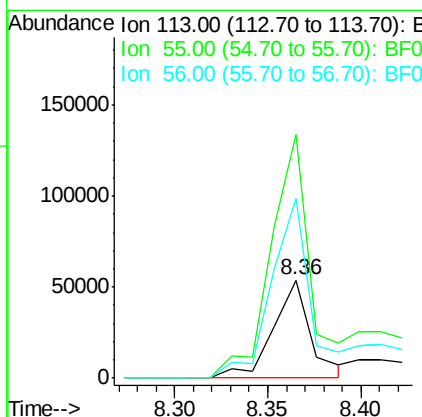
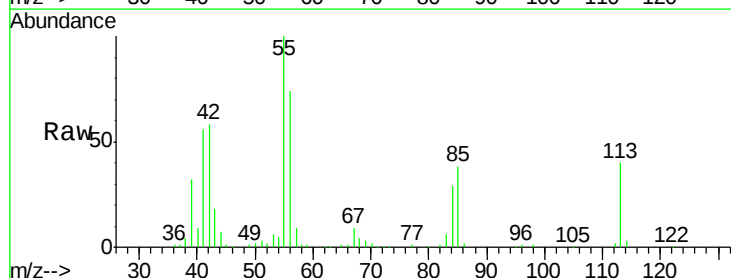
Instrument :
BNA_F
ClientSampleId :
PB90466BS

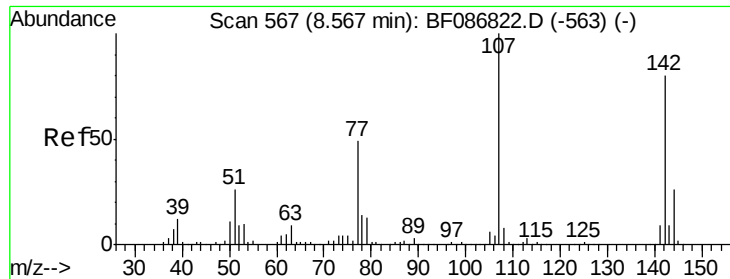
Tgt Ion: 225 Resp: 192940
Ion Ratio Lower Upper
225 100
223 61.3 51.5 77.3
227 61.8 52.2 78.2



#35
Caprolactam
Concen: 27.99 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 113 Resp: 74905
Ion Ratio Lower Upper
113 100
55 247.6 162.0 202.0#
56 182.7 115.3 155.3#

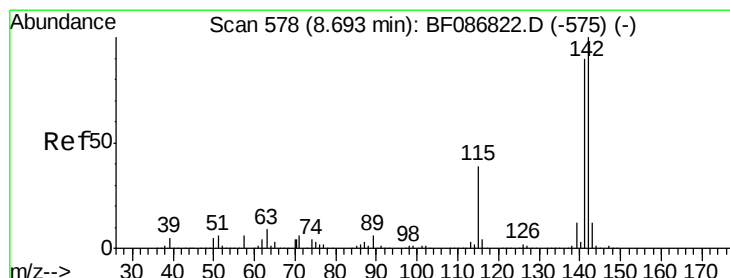
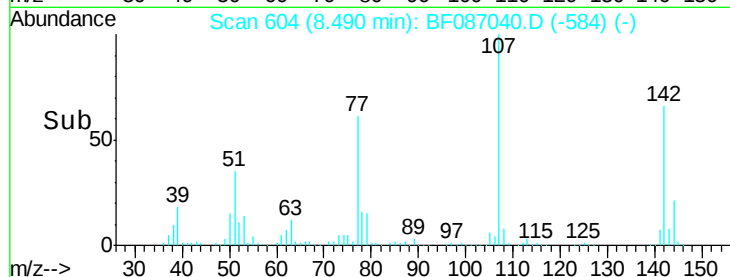
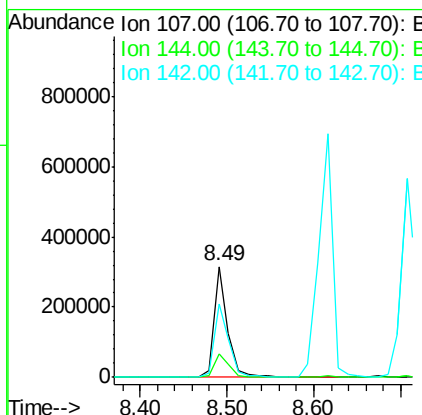
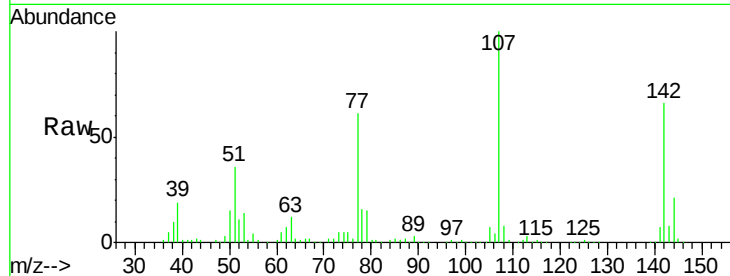




#36
 4-Chloro-3-methylphenol
 Concen: 36.42 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

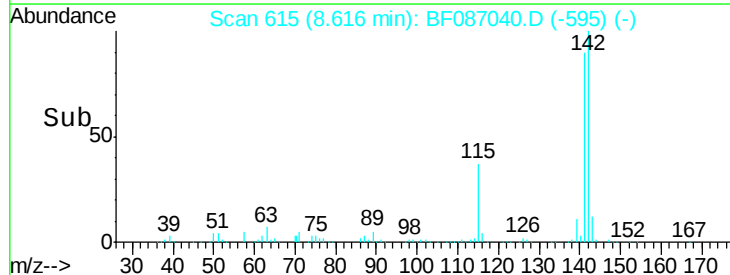
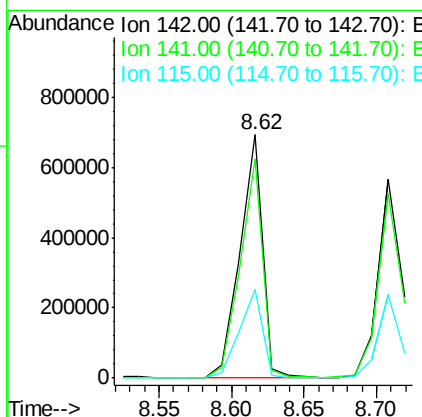
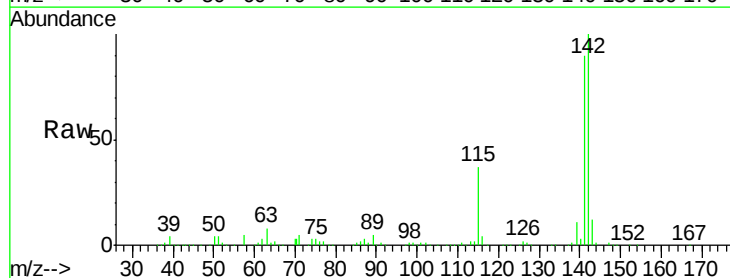
Instrument :
 BNA_F
 ClientSampleID :
 PB90466BS

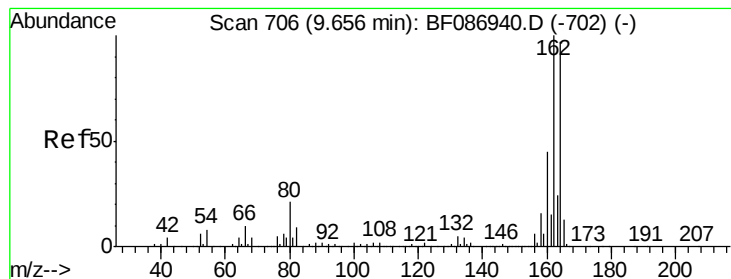
Tgt Ion:107 Resp: 347360
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.7 31.1
 142 66.4 63.2 94.8



#37
 2-Methylnaphthalene
 Concen: 43.65 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:142 Resp: 744506
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 36.6 26.6 39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

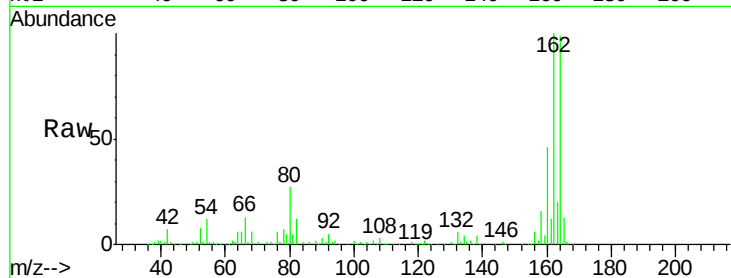
Tgt Ion:164 Resp: 281483

Ion Ratio Lower Upper

164 100

162 100.6 82.8 124.2

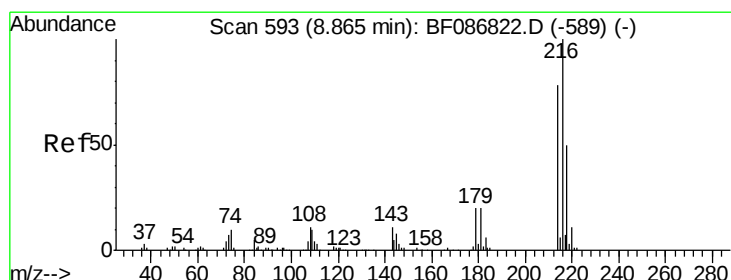
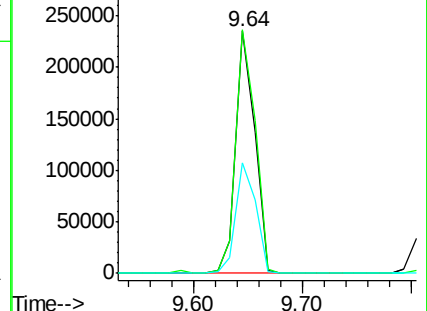
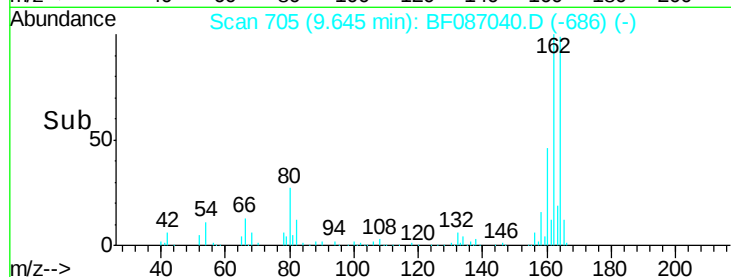
160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.37 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:216 Resp: 289441

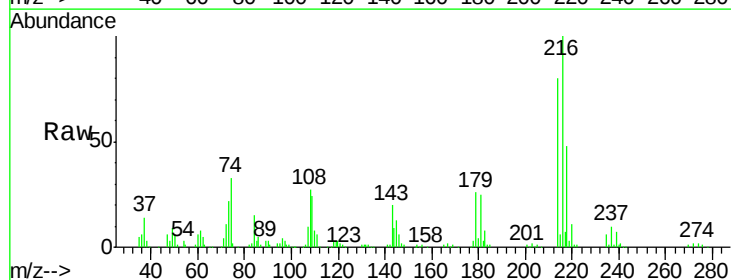
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 23.5 18.2 27.4

108 26.0 17.5 26.3

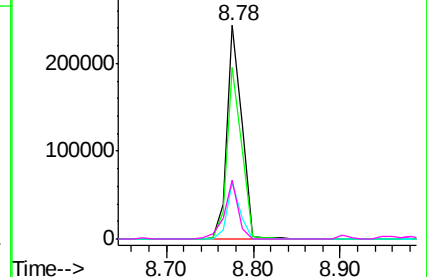
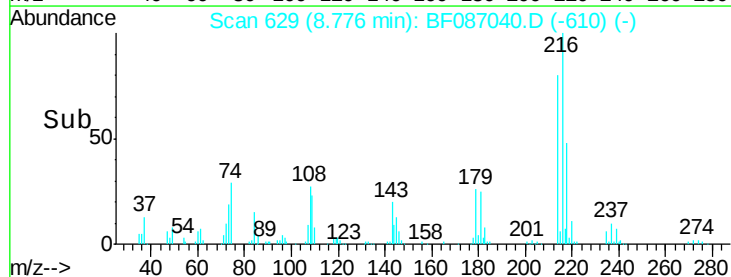


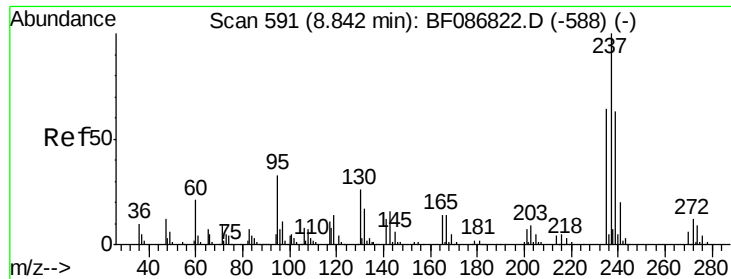
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

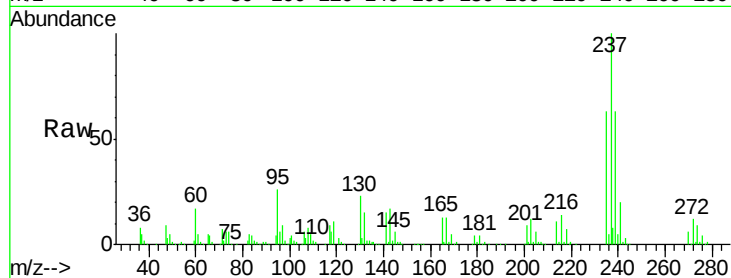




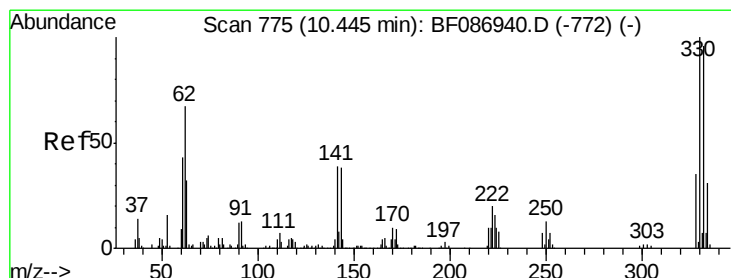
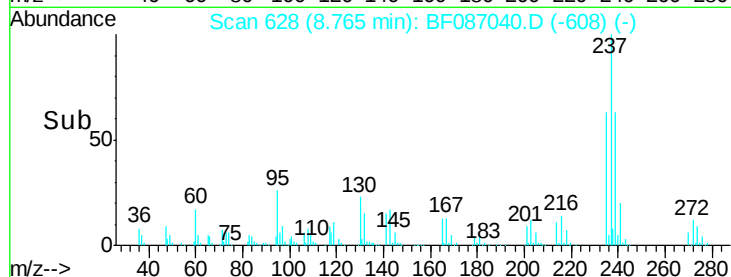
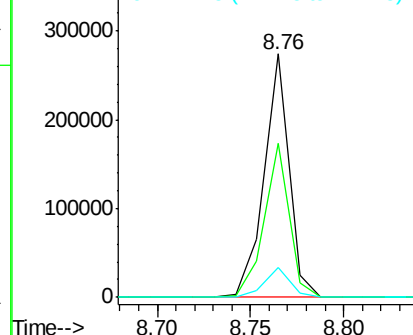
#40
Hexachlorocyclopentadiene
Concen: 64.93 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion: 237 Resp: 252214
Ion Ratio Lower Upper
237 100
235 63.4 47.2 87.2
272 12.1 0.0 31.1

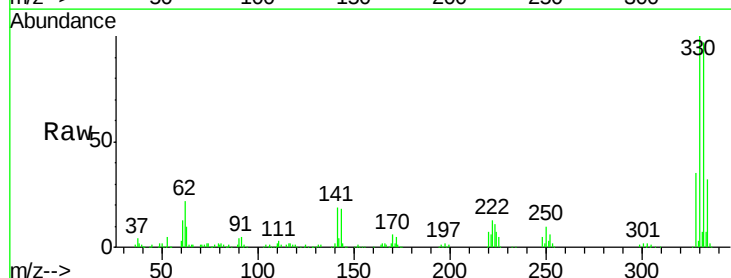


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

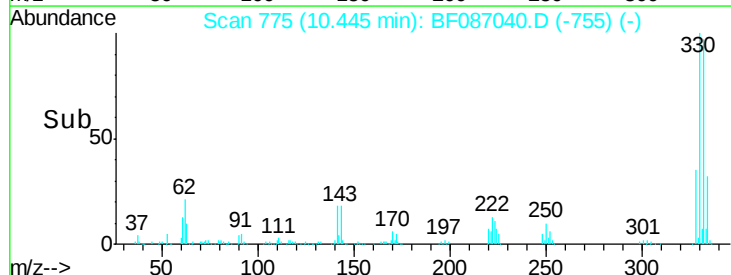
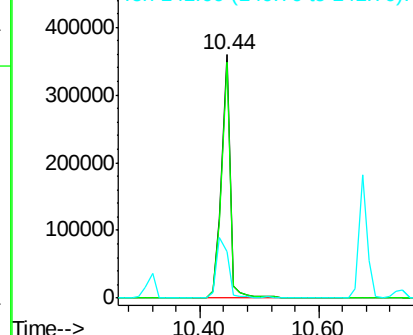


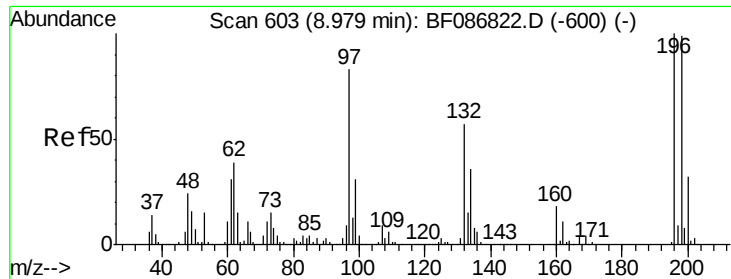
#41
2,4,6-Tribromophenol
Concen: 123.57 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 330 Resp: 368231
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 32.8 31.2 46.8



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

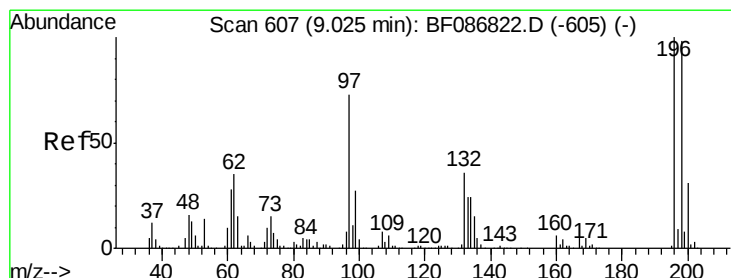
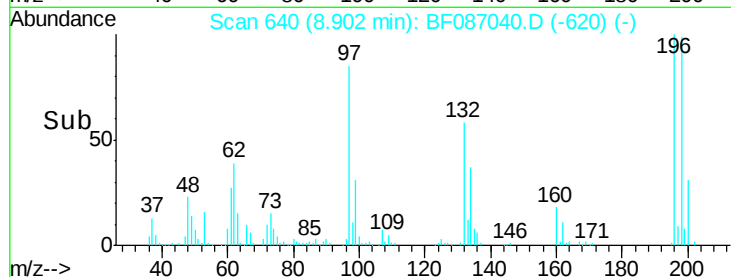
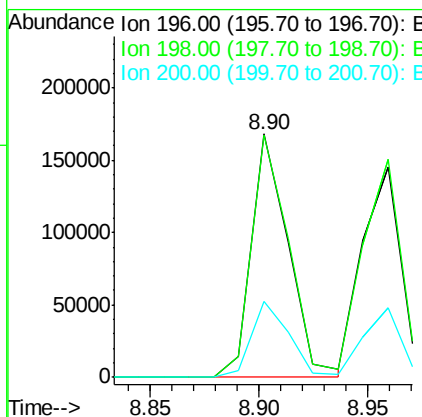
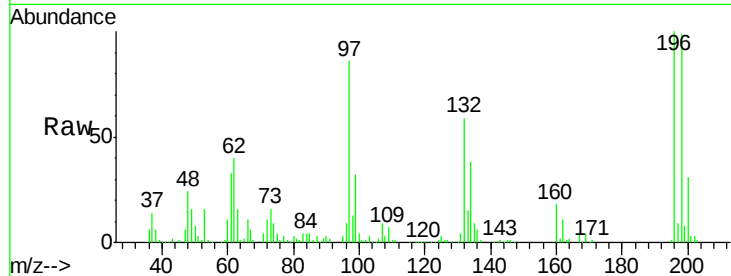




#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

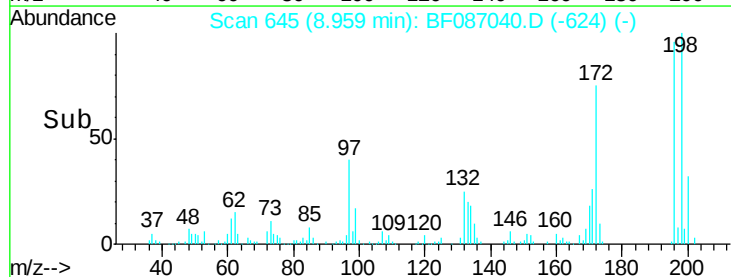
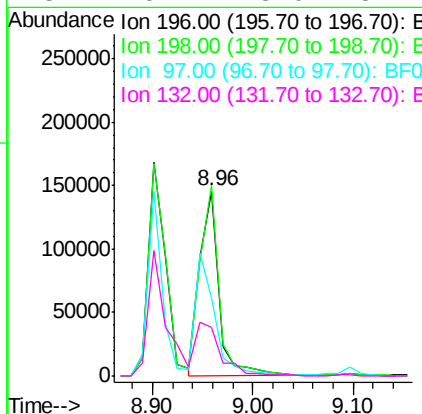
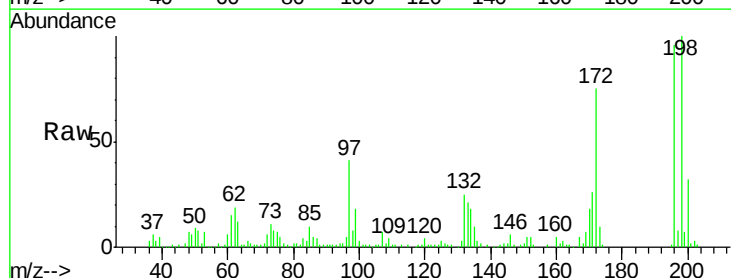
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

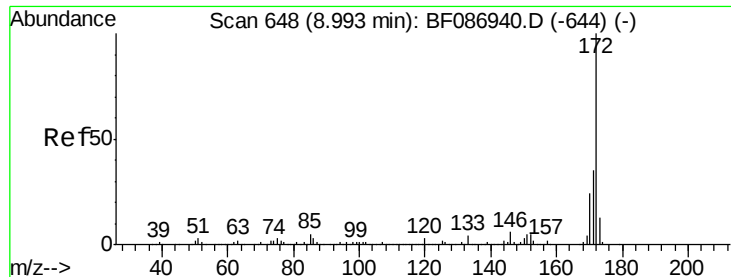
Tgt Ion:196 Resp: 199711
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.7 112.1
 200 31.0 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 34.48 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:196 Resp: 195129
 Ion Ratio Lower Upper
 196 100
 198 103.7 77.5 116.3
 97 42.5 34.8 52.2
 132 26.1 23.0 34.4

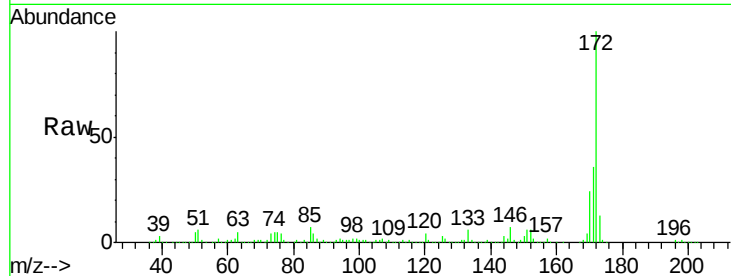




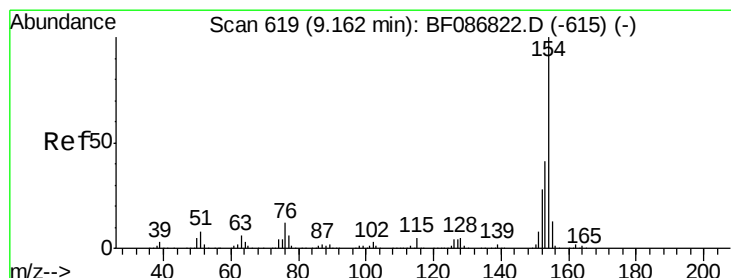
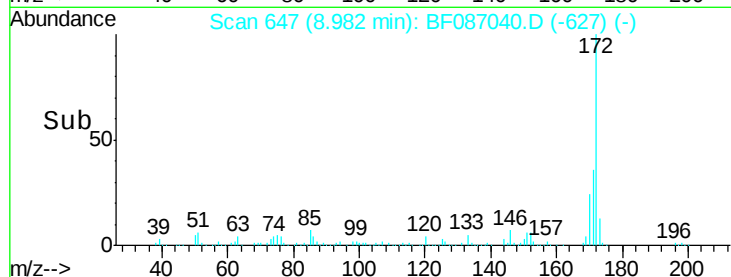
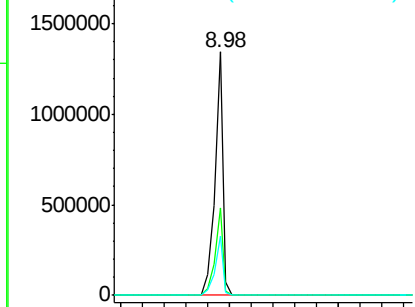
#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:172 Resp: 1410438
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.8 29.8

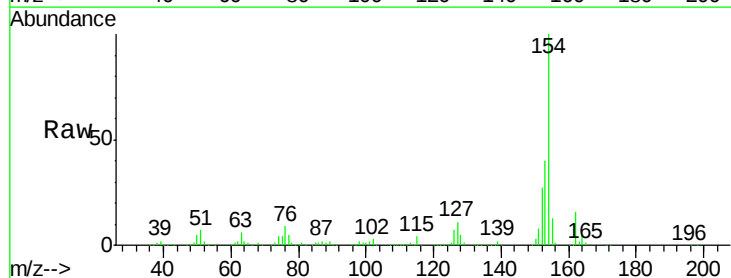


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

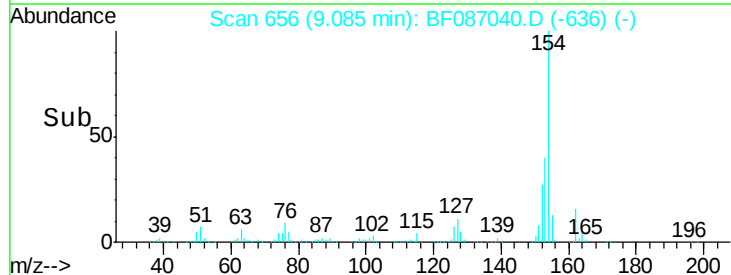
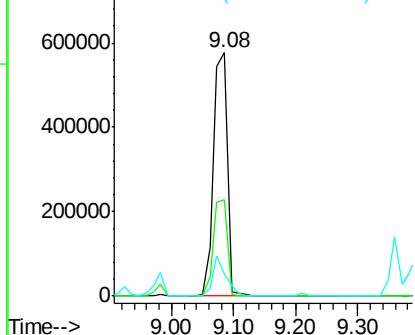


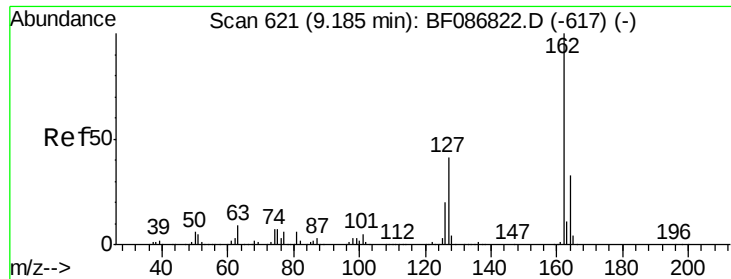
#45
 1,1'-Biphenyl
 Concen: 38.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:154 Resp: 870083
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.3 60.3
 76 9.0 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

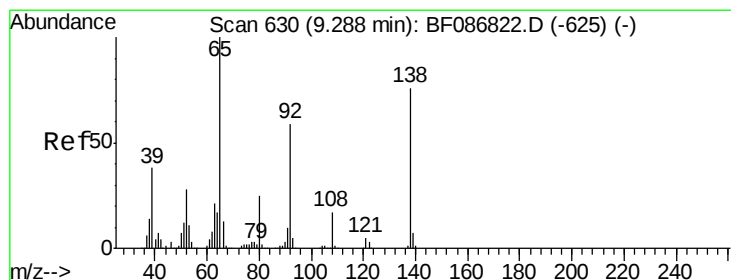
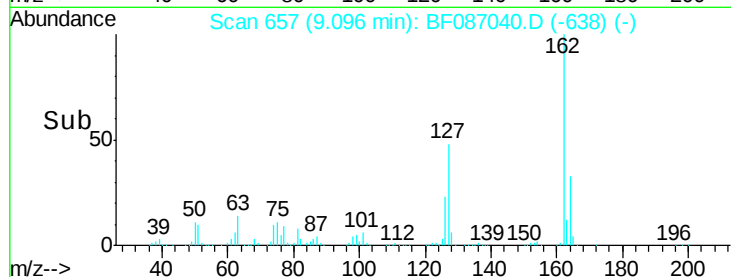
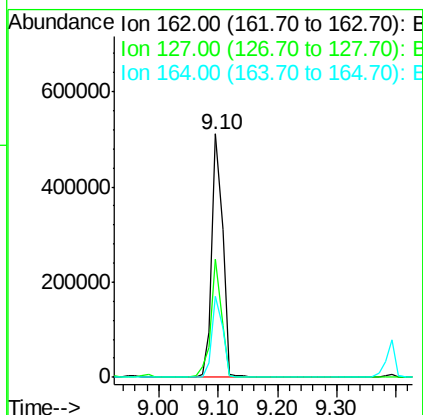
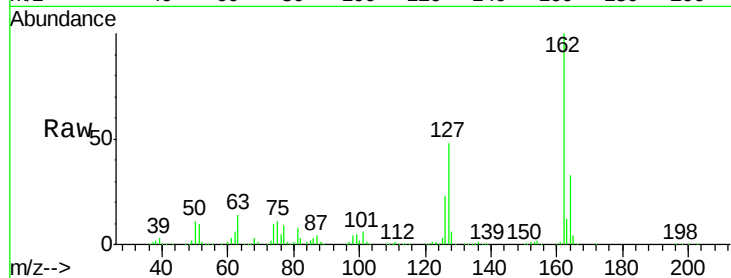




#46
 2-Chloronaphthalene
 Concen: 36.92 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.09 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

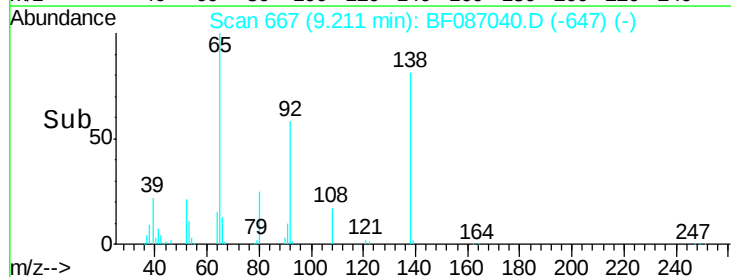
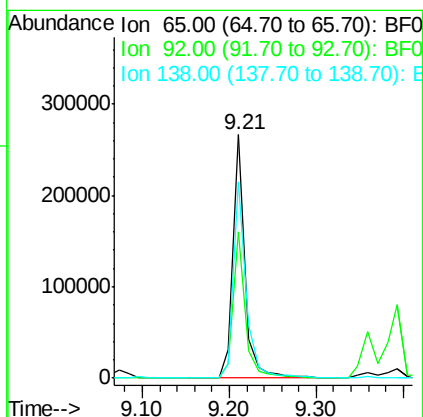
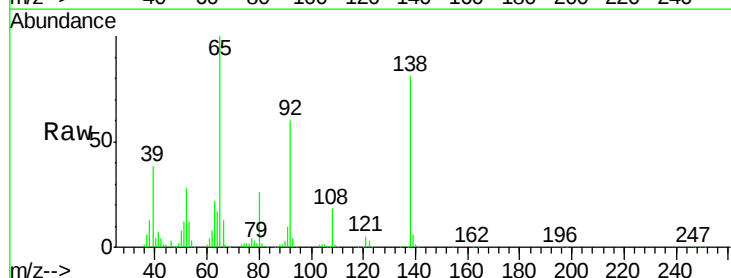
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

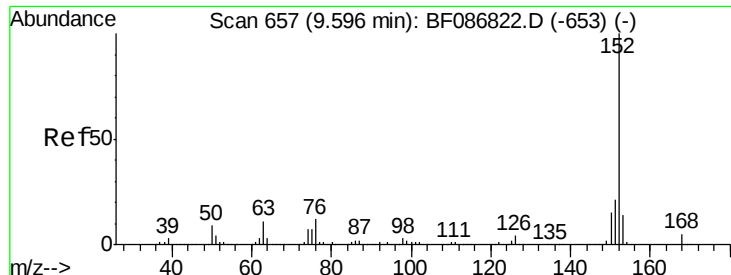
Tgt Ion: 162 Resp: 647705
 Ion Ratio Lower Upper
 162 100
 127 48.3 31.8 47.6#
 164 33.1 27.0 40.6



#47
 2-Nitroaniline
 Concen: 39.78 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion: 65 Resp: 255017
 Ion Ratio Lower Upper
 65 100
 92 60.1 57.4 86.2
 138 80.5 90.1 135.1#

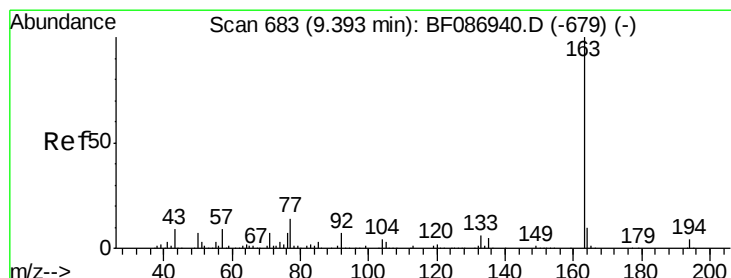
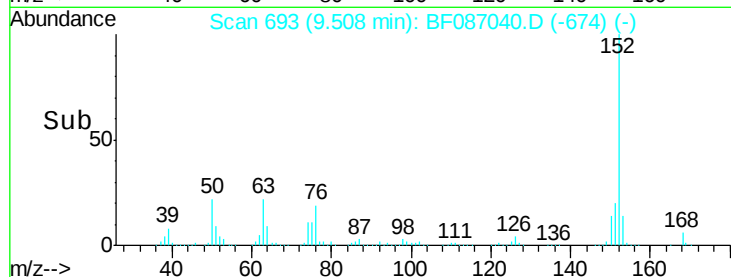
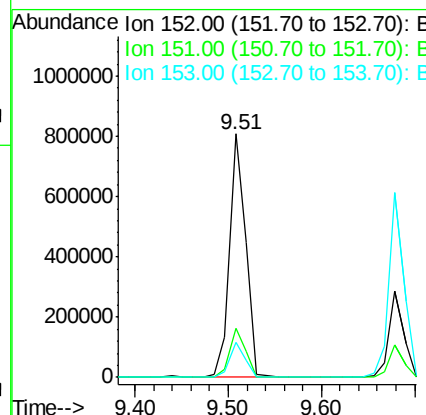
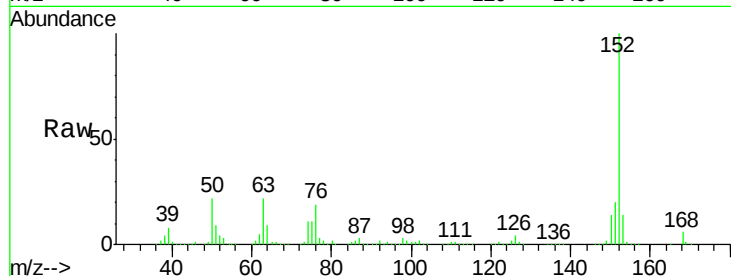




#48
Acenaphthylene
Concen: 37.91 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

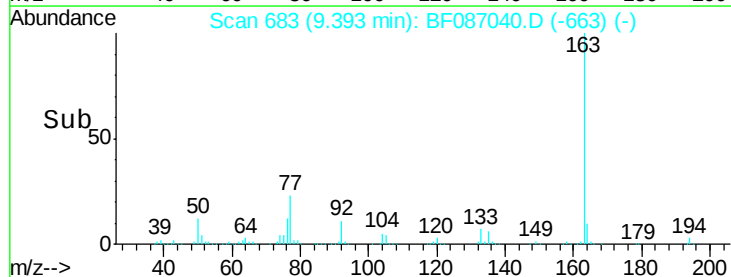
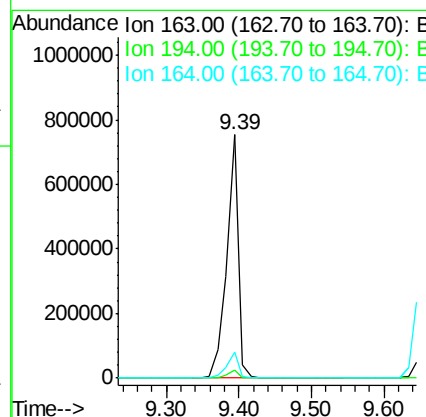
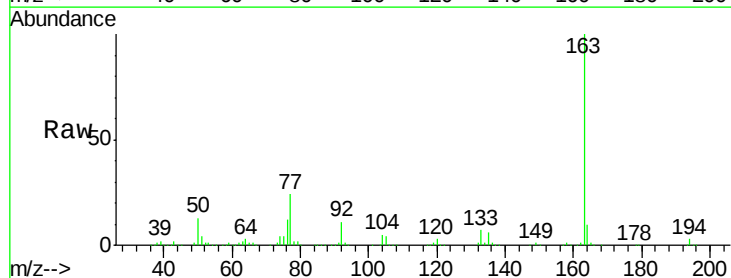
Instrument :
BNA_F
ClientSampleId :
PB90466BS

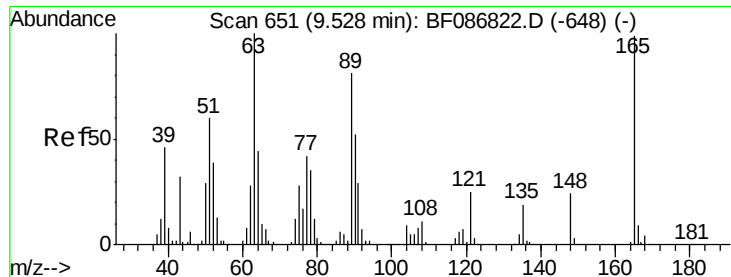
Tgt Ion:152 Resp: 978175
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.3 10.9 16.3



#49
Dimethylphthalate
Concen: 38.64 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:163 Resp: 829821
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

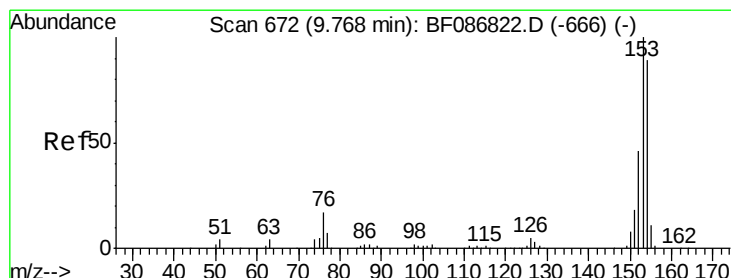
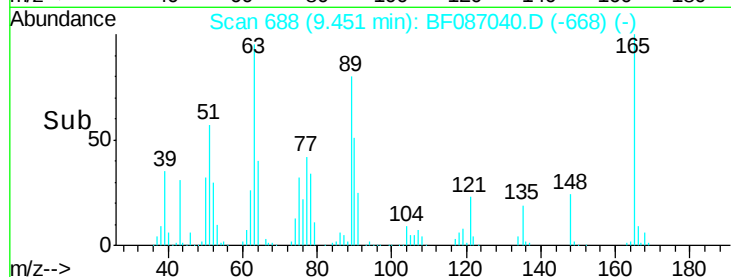
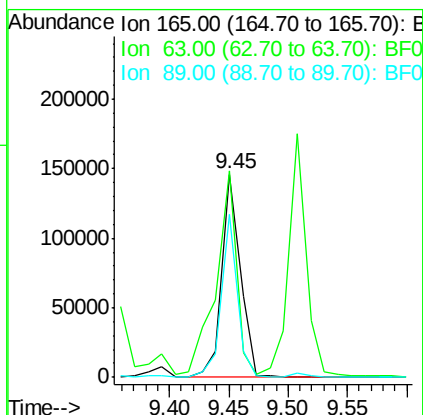
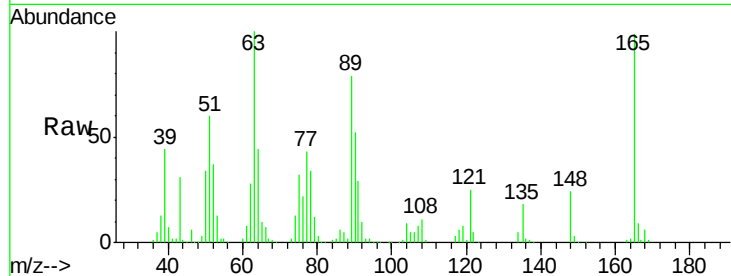




#50
2,6-Dinitrotoluene
Concen: 34.99 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

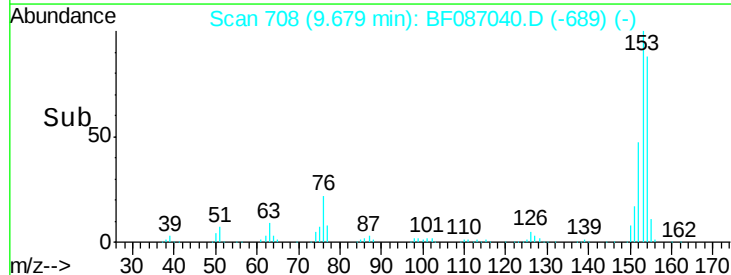
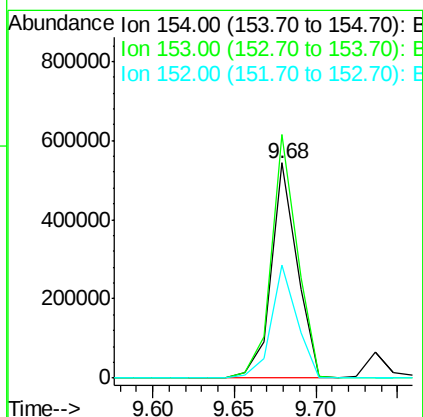
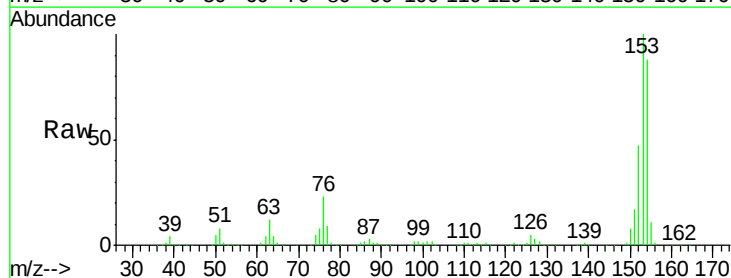
Instrument :
BNA_F
ClientSampleId :
PB90466BS

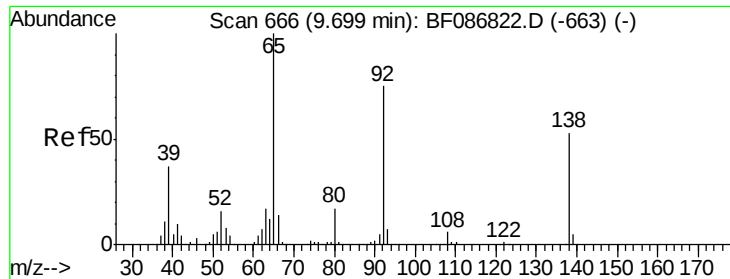
Tgt Ion:165 Resp: 158133
Ion Ratio Lower Upper
165 100
63 101.3 51.8 77.8#
89 80.1 50.7 76.1#



#51
Acenaphthene
Concen: 37.47 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:154 Resp: 601318
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 52.8 43.4 65.0

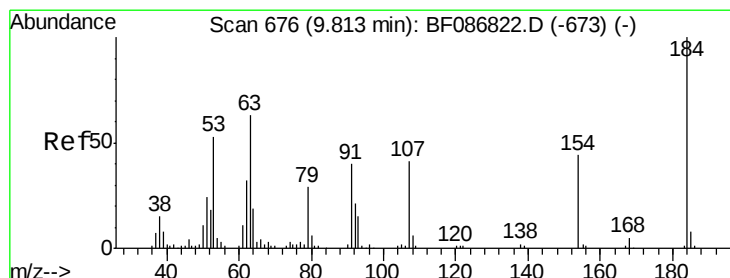
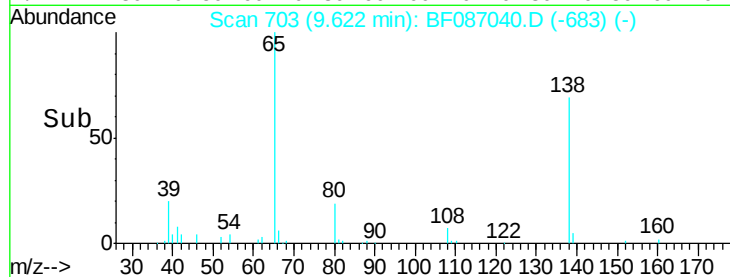
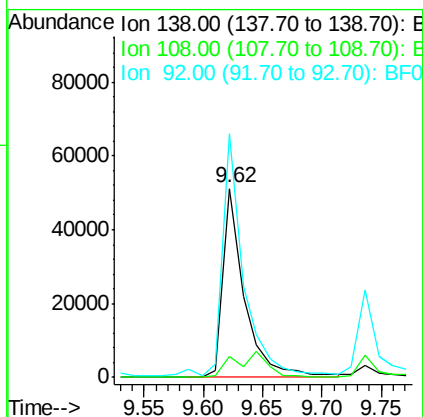
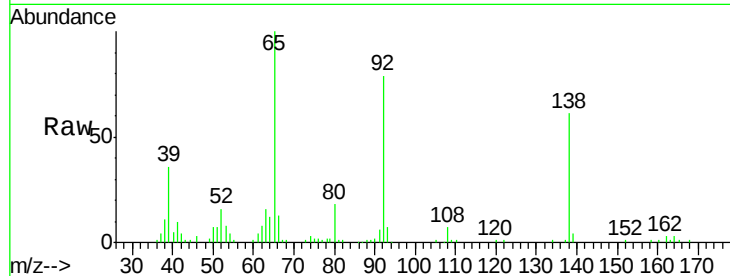




#52
 3-Nitroaniline
 Concen: 13.51 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

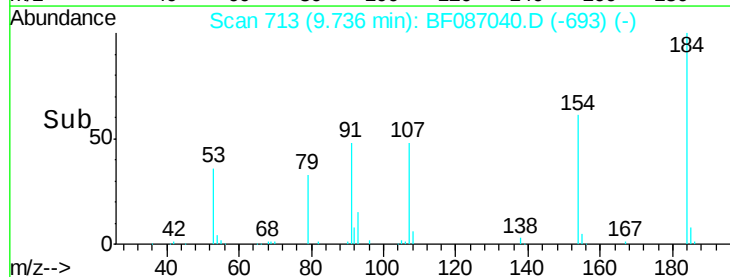
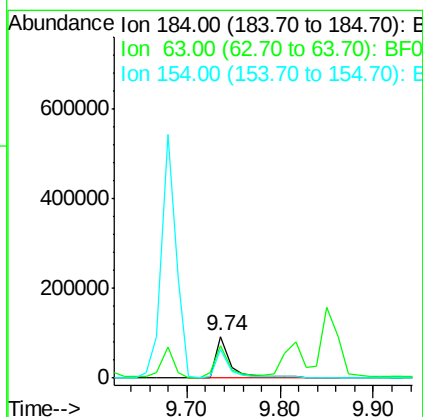
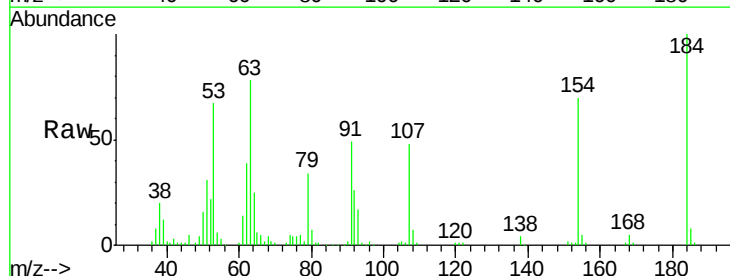
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

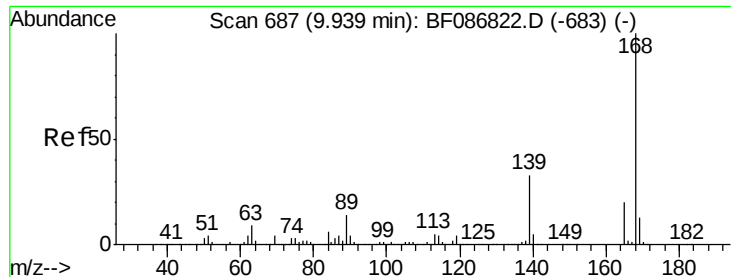
Tgt Ion:138 Resp: 64281
 Ion Ratio Lower Upper
 138 100
 108 10.9 7.8 11.6
 92 128.7 87.8 131.8



#53
 2,4-Dinitrophenol
 Concen: 49.44 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:184 Resp: 106682
 Ion Ratio Lower Upper
 184 100
 63 78.1 55.8 83.8
 154 69.5 62.4 93.6





#54

Dibenzofuran

Concen: 42.12 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

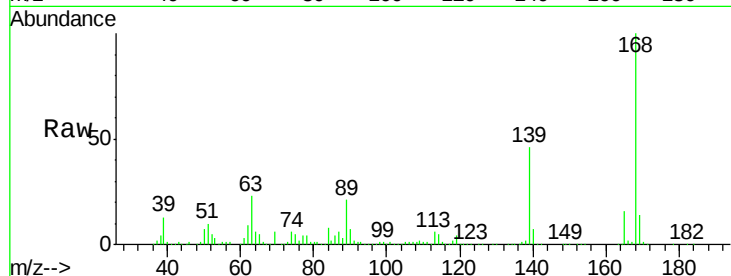
Tgt Ion:168 Resp: 867820

Ion Ratio Lower Upper

168 100

139 46.4 31.4 47.0

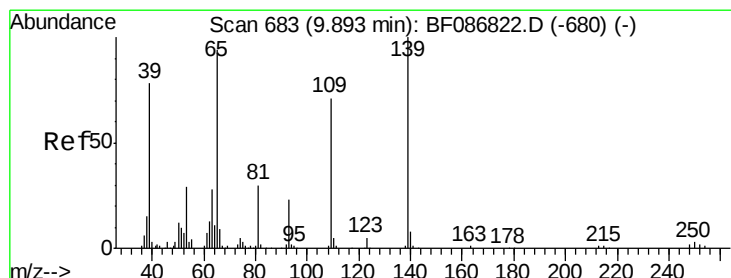
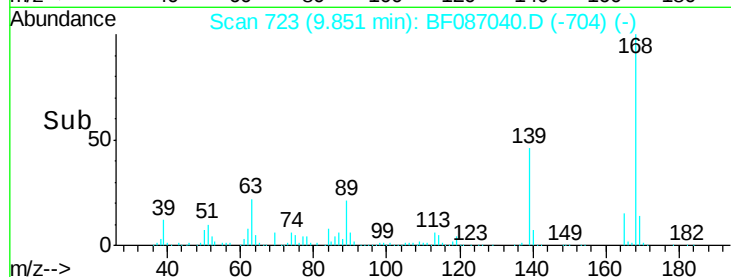
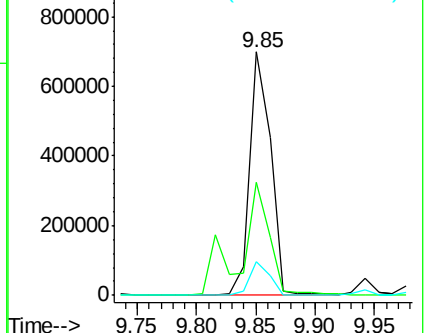
169 13.9 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 177.24 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

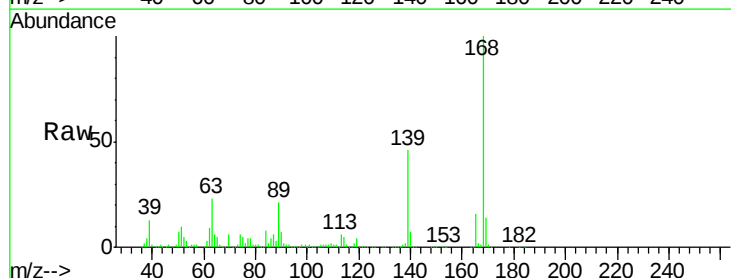
Tgt Ion:139 Resp: 580935

Ion Ratio Lower Upper

139 100

109 4.4 36.9 76.9#

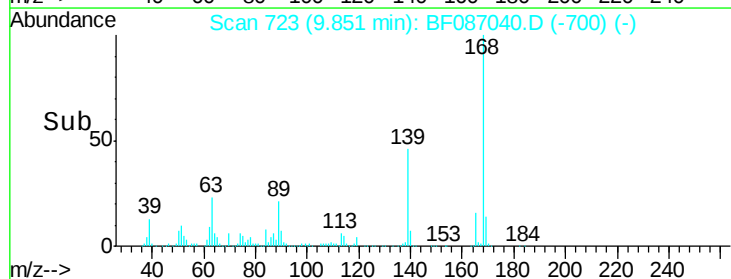
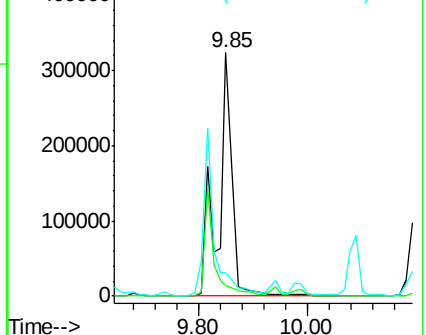
65 9.9 64.0 104.0#

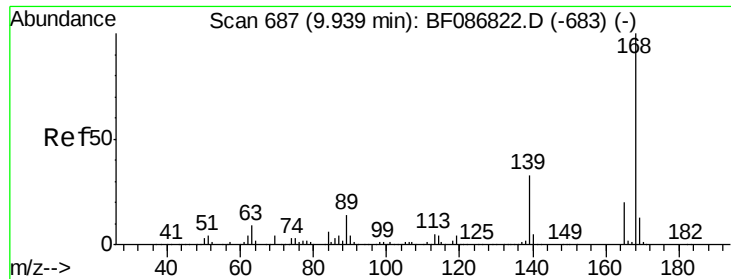


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.03 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion:165 Resp: 235096

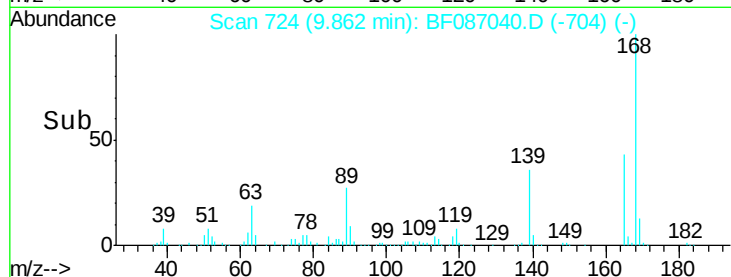
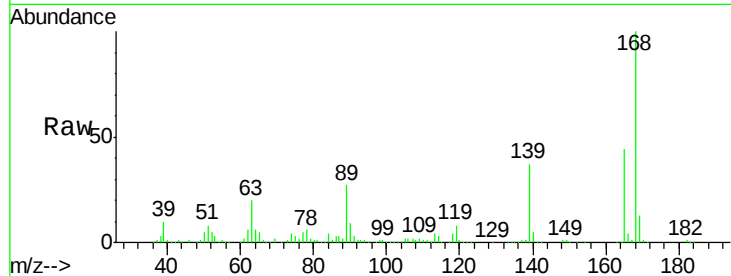
Ion Ratio Lower Upper

165 100

63 46.2 44.3 66.5

89 61.8 70.0 105.0#

182 2.5 1.8 2.6

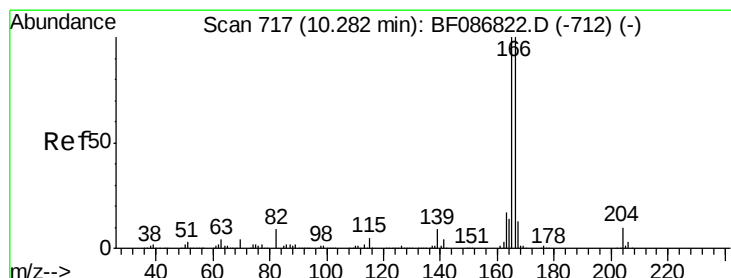
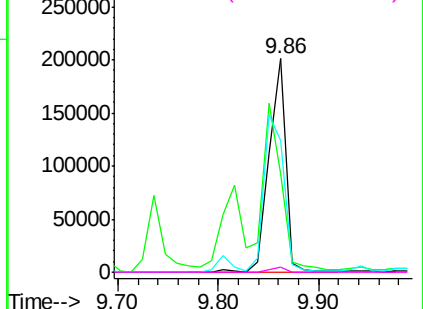


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.14 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

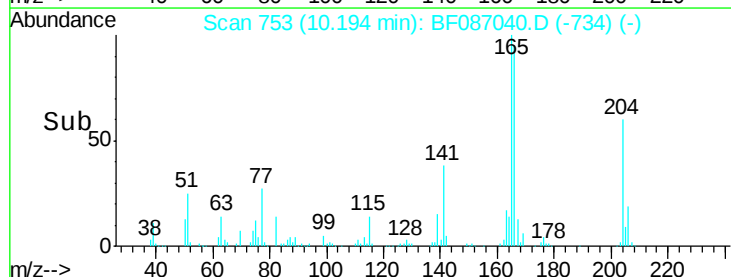
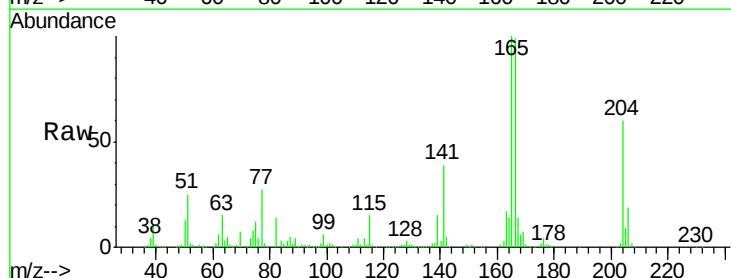
Tgt Ion:166 Resp: 635083

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.6

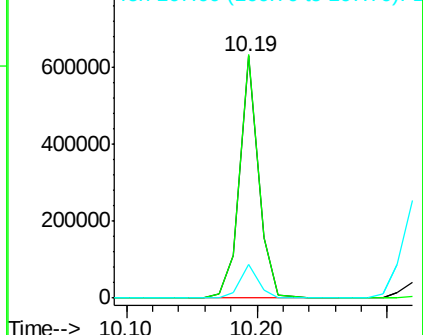
167 13.9 10.6 15.8

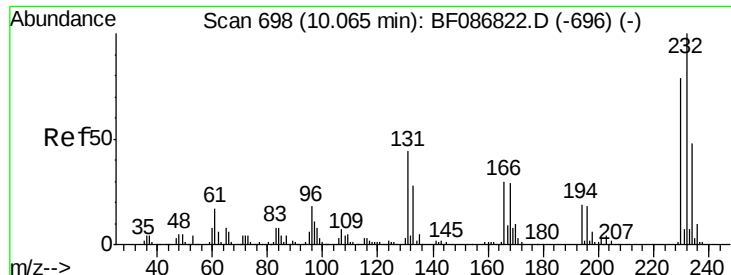


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

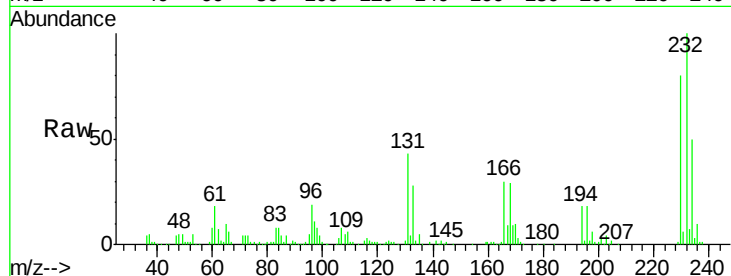




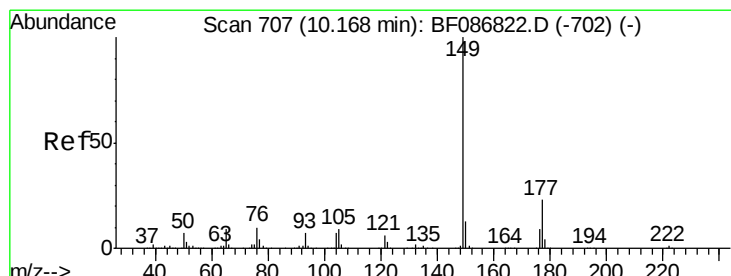
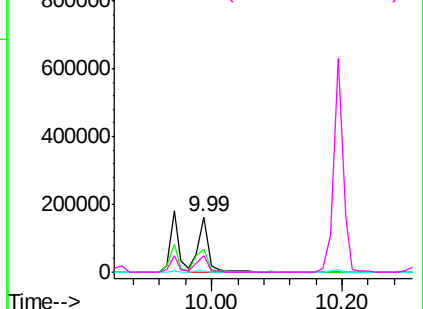
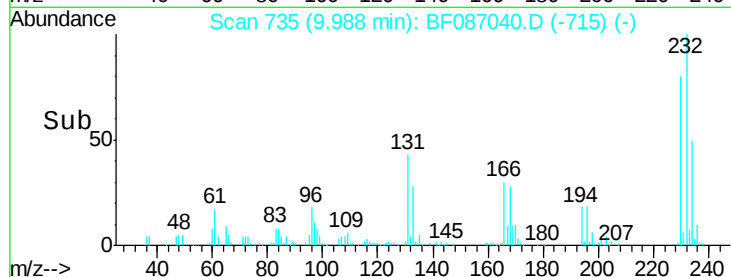
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.26 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion: 232 Resp: 180076
 Ion Ratio Lower Upper
 232 100
 131 51.1 41.9 62.9
 130 2.7 2.2 3.4
 166 31.6 26.8 40.2

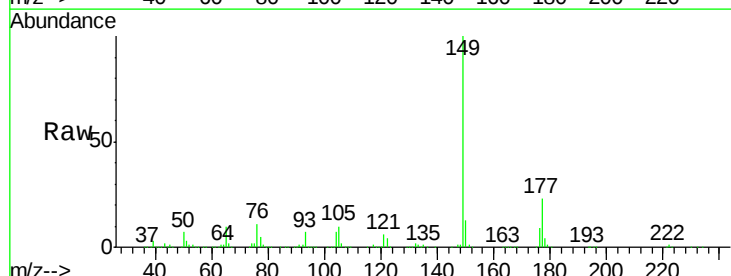


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

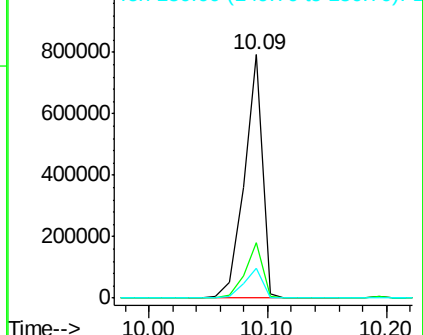
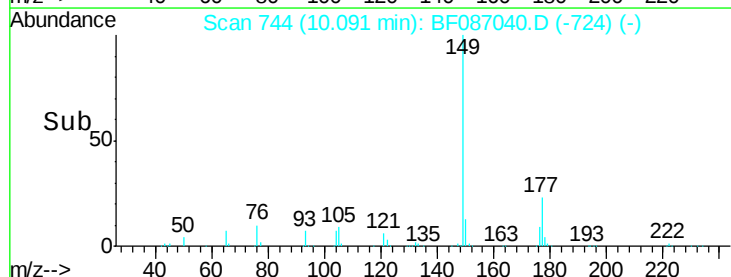


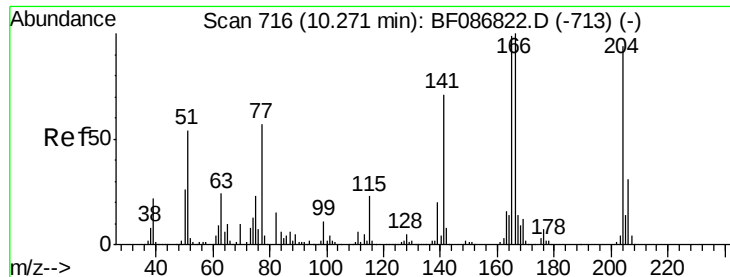
#59
 Diethylphthalate
 Concen: 40.29 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion: 149 Resp: 843147
 Ion Ratio Lower Upper
 149 100
 177 22.8 16.6 24.8
 150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

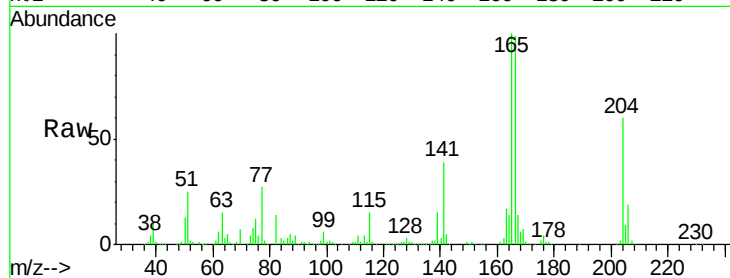




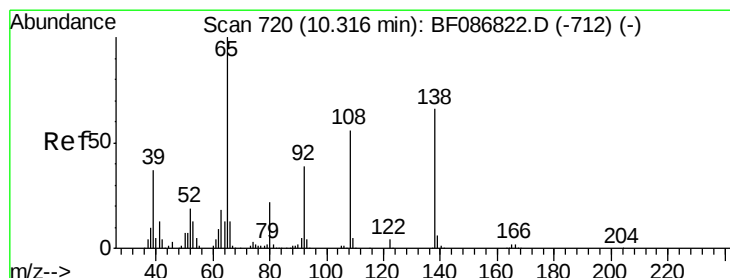
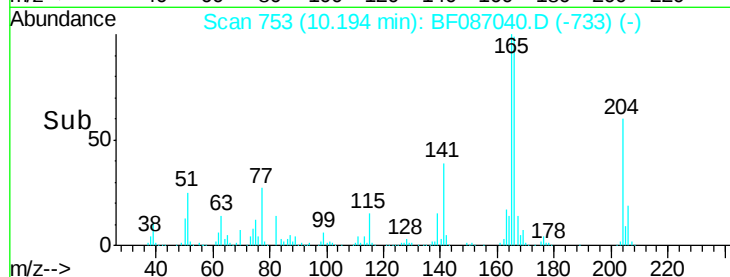
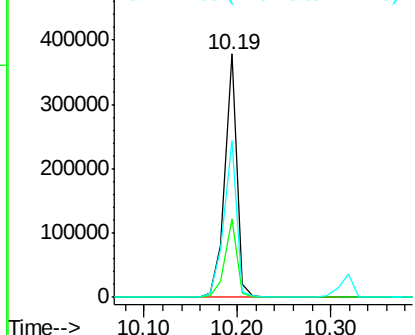
#60
 4-Chlorophenyl-phenylether
 Concen: 44.03 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:204 Resp: 338367
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.4 38.0
 141 64.5 61.6 92.4

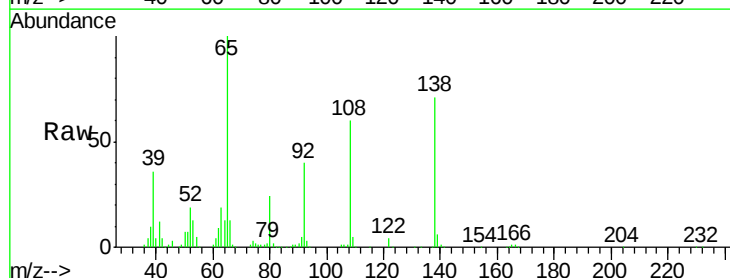


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

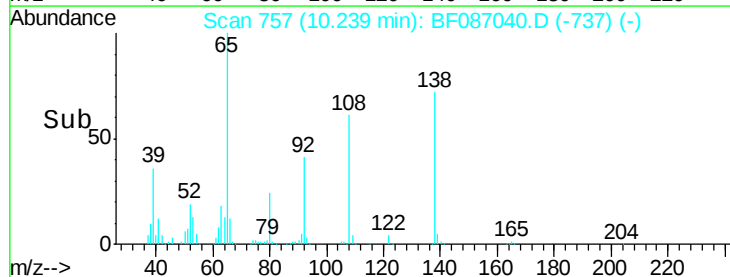
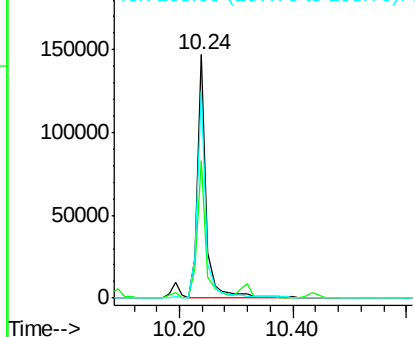


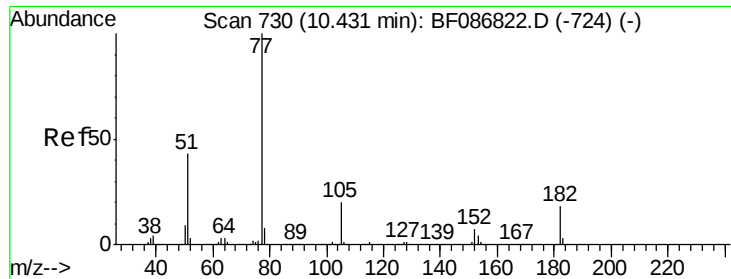
#61
 4-Nitroaniline
 Concen: 33.94 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:138 Resp: 155092
 Ion Ratio Lower Upper
 138 100
 92 56.3 24.7 64.7
 108 84.6 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.77 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion: 77 Resp: 988116

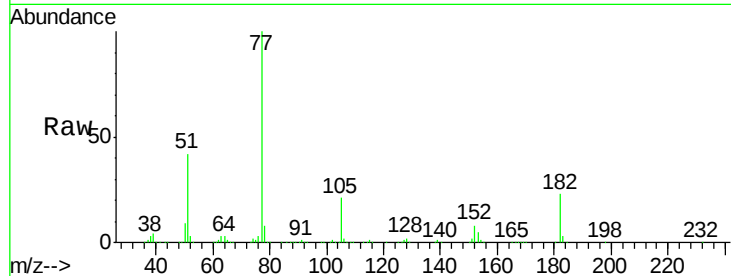
Ion Ratio Lower Upper

77 100

182 22.5 0.0 38.8

105 21.4 3.2 43.2

51 41.9 8.8 48.8

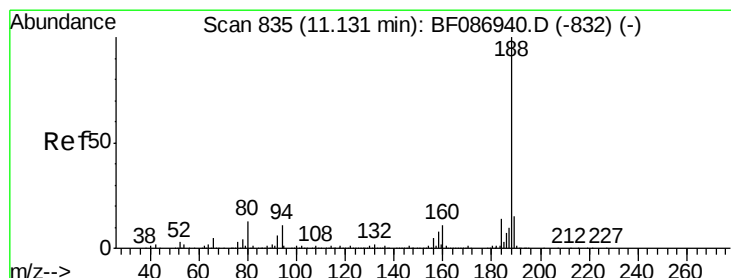
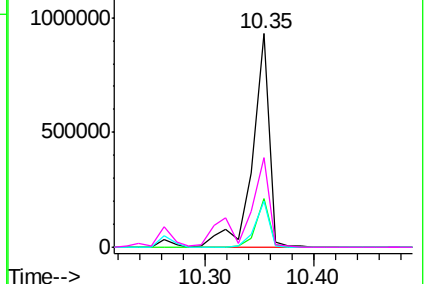
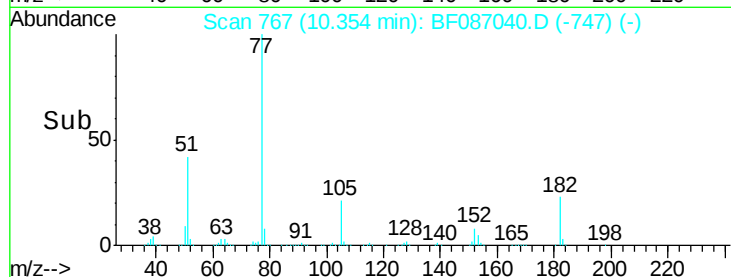


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

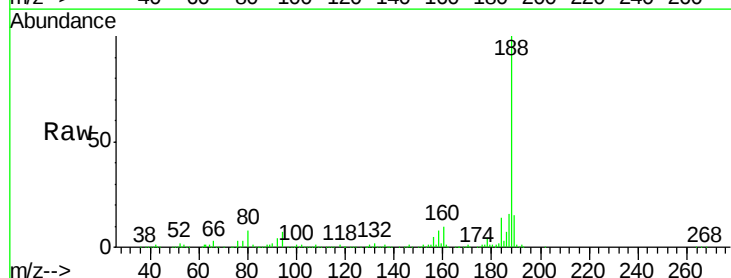
Tgt Ion: 188 Resp: 527846

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

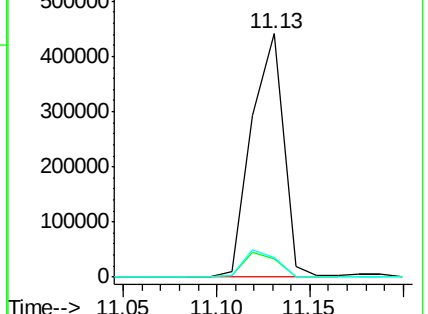
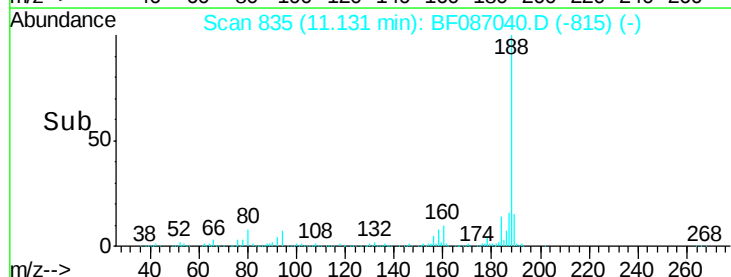
80 7.8 7.1 10.7

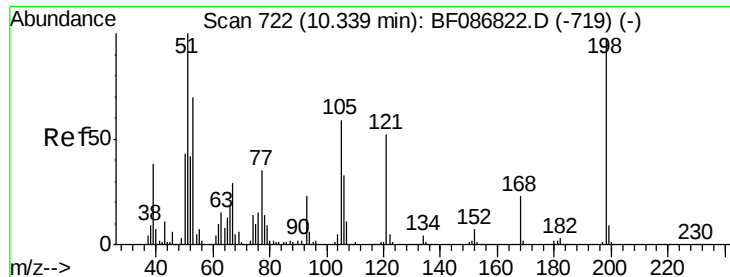


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

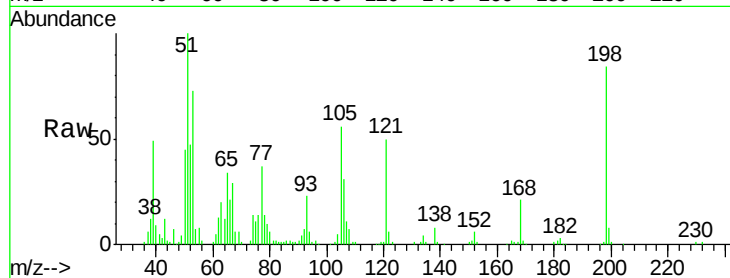




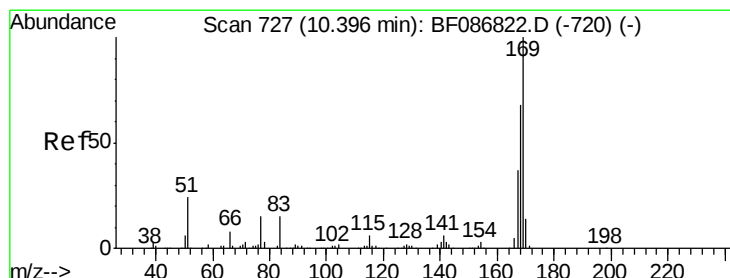
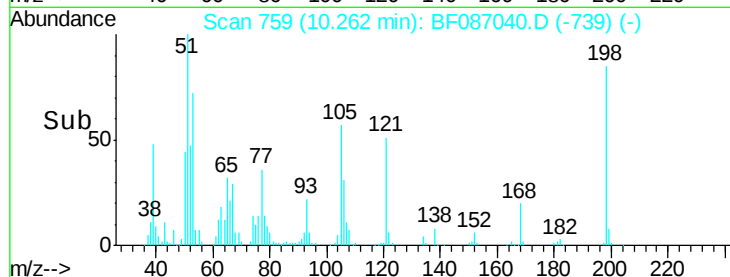
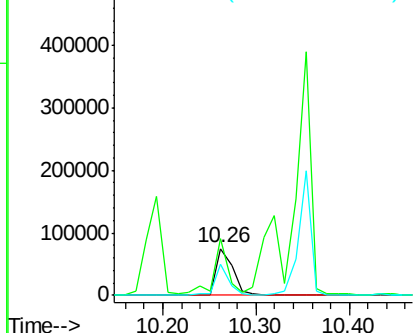
#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.35 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:198 Resp: 96239
 Ion Ratio Lower Upper
 198 100
 51 119.5 20.5 60.5#
 105 66.8 24.5 64.5#

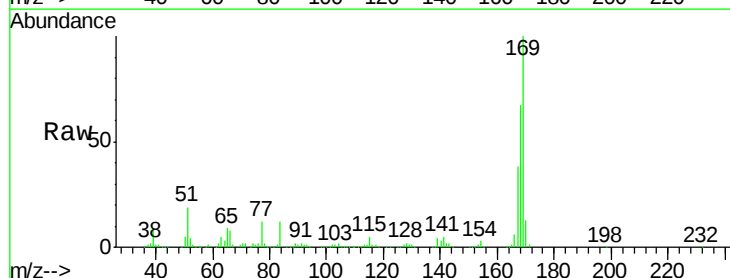


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

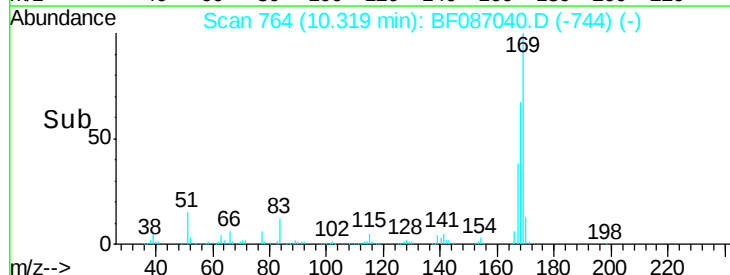
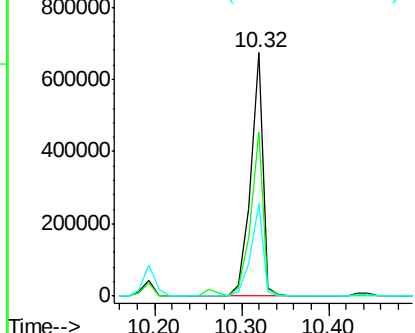


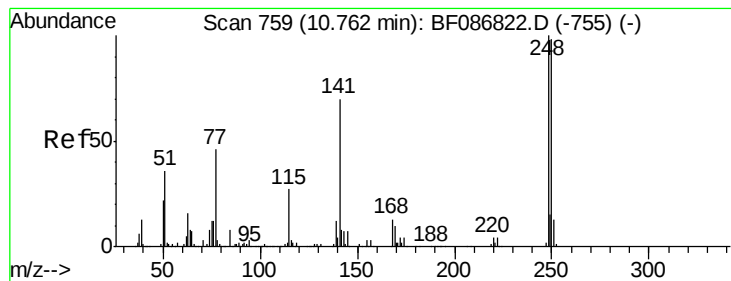
#65
 n-Nitrosodiphenylamine
 Concen: 41.65 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:169 Resp: 675370
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 37.8 29.5 44.3



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





#66

4-Bromophenyl-phenylether

Concen: 37.47 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

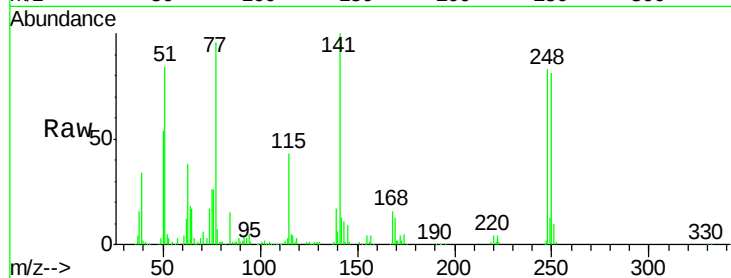
Tgt Ion:248 Resp: 200515

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

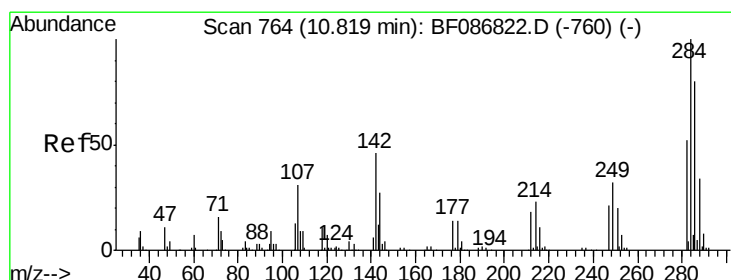
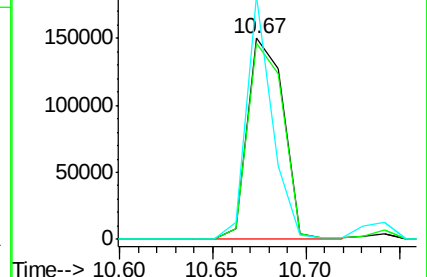
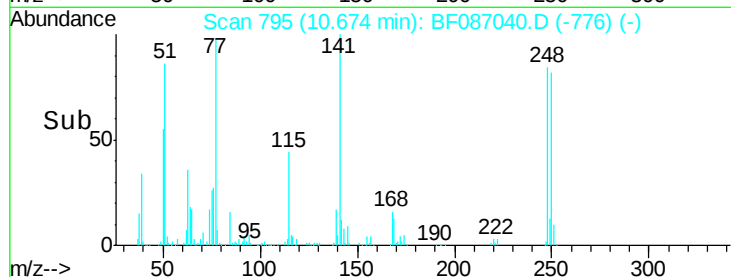
141 121.1 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

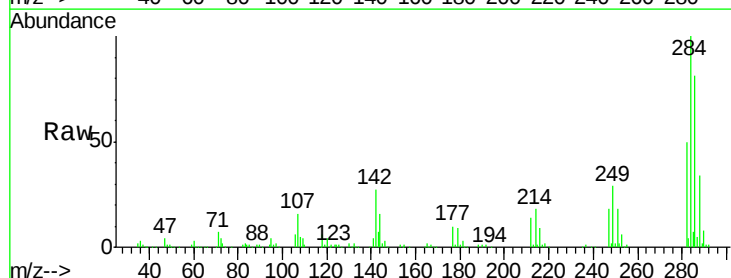
Tgt Ion:284 Resp: 254755

Ion Ratio Lower Upper

284 100

142 27.0 16.7 25.1#

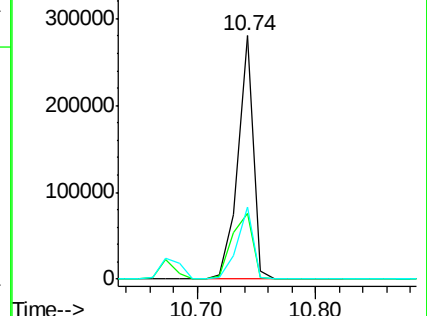
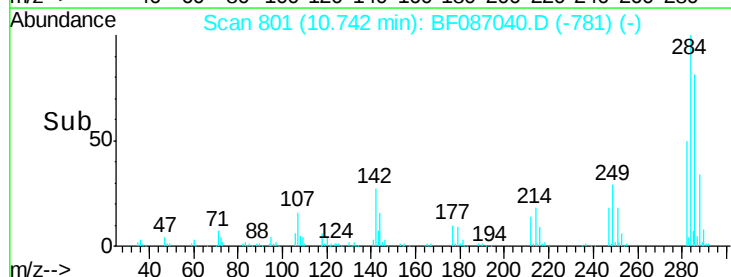
249 29.4 21.3 31.9

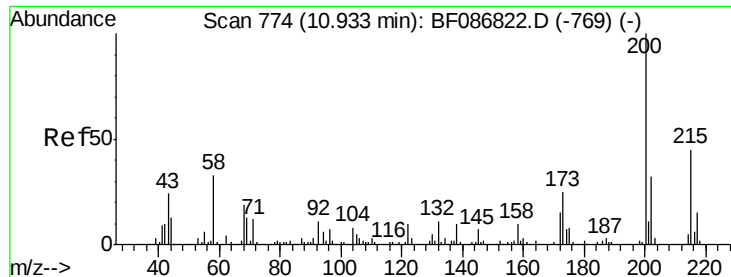


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

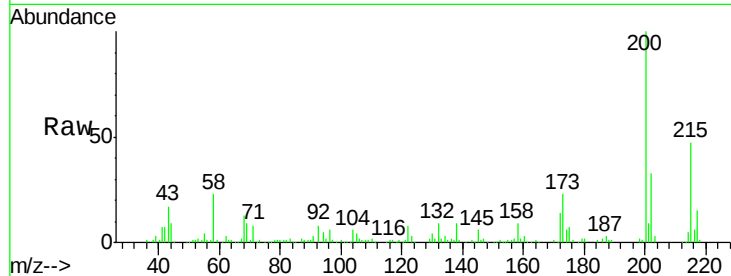




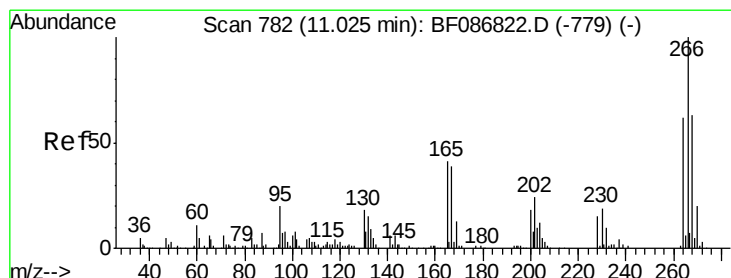
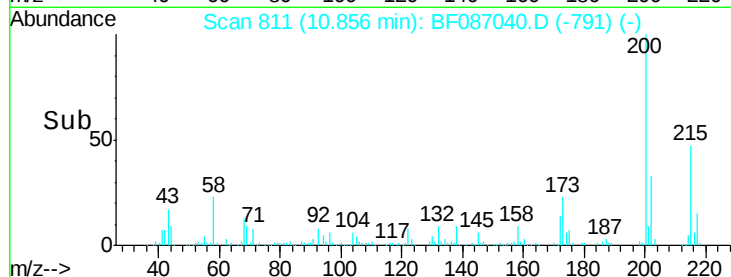
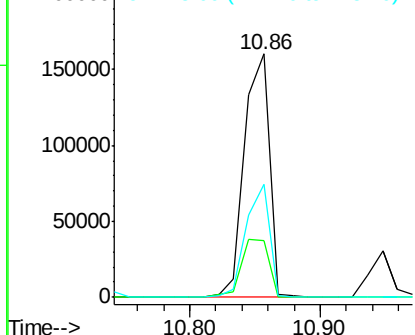
#68
 Atrazine
 Concen: 39.47 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:200 Resp: 213800
 Ion Ratio Lower Upper
 200 100
 173 23.1 8.5 48.5
 215 46.6 27.2 67.2

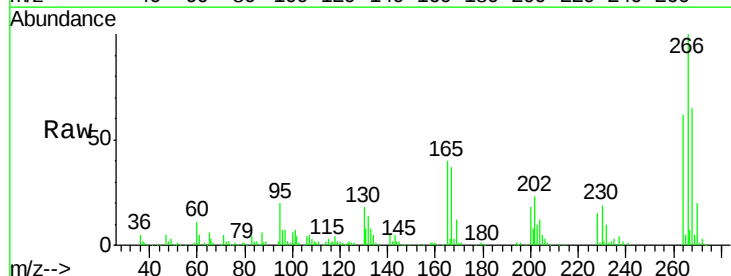


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

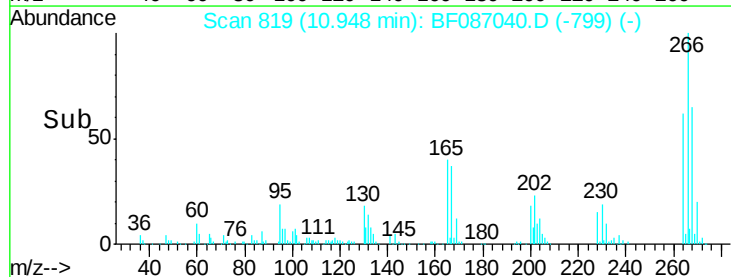
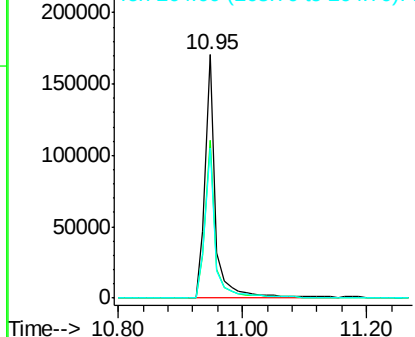


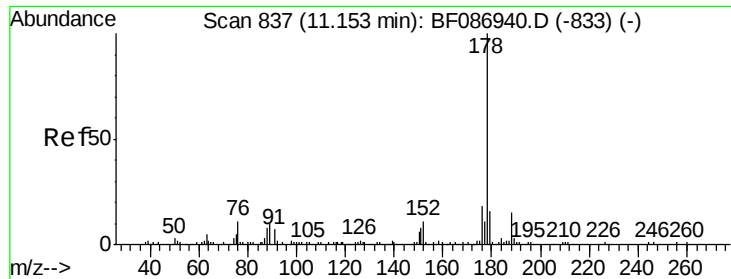
#69
 Pentachlorophenol
 Concen: 70.51 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:266 Resp: 203818
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.5 77.3
 264 61.9 52.9 79.3



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

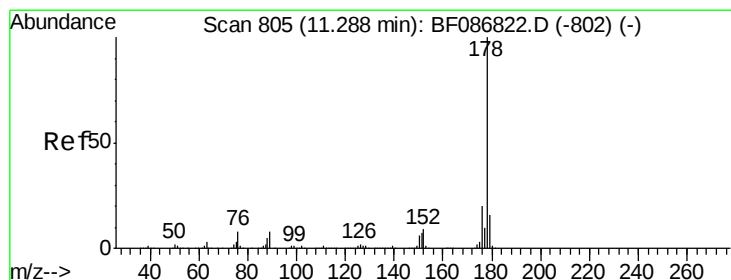
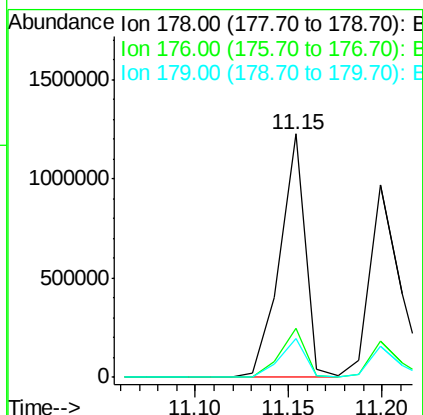
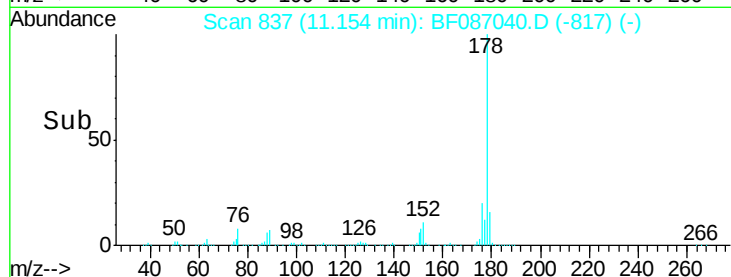
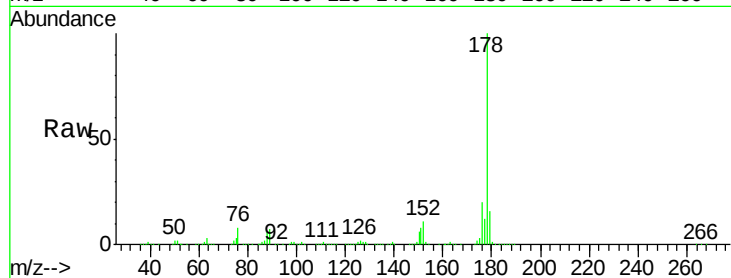




#70
Phenanthrene
Concen: 41.27 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

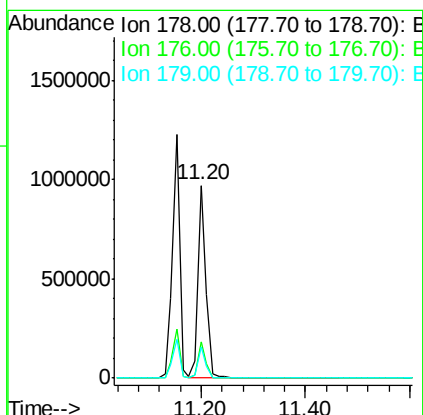
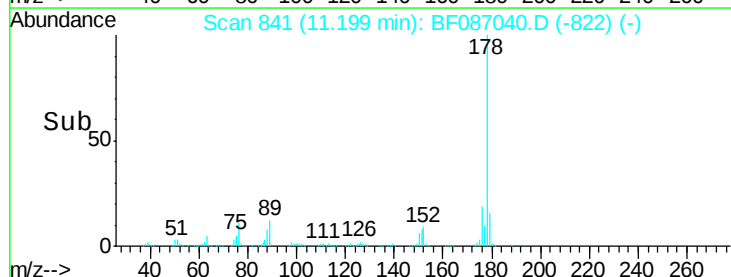
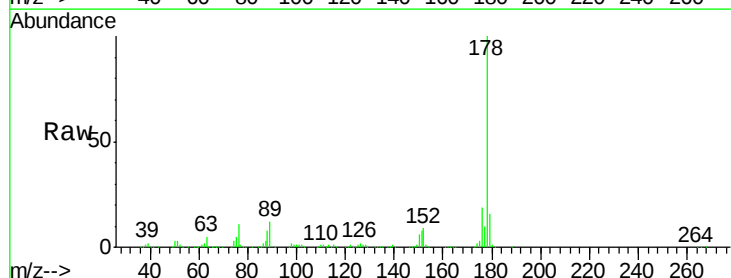
Instrument :
BNA_F
ClientSampleId :
PB90466BS

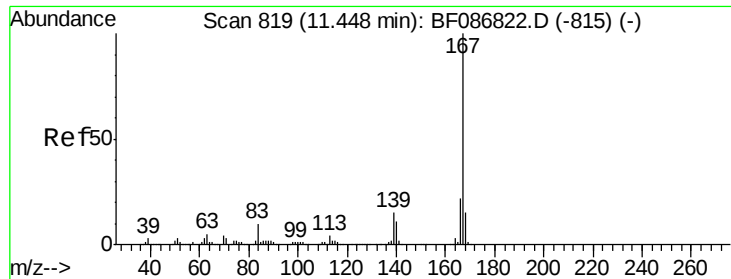
Tgt Ion:178 Resp: 1162552
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.6 18.8



#71
Anthracene
Concen: 36.47 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:178 Resp: 1050688
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.0 12.7 19.1





#72

Carbazole

Concen: 42.62 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

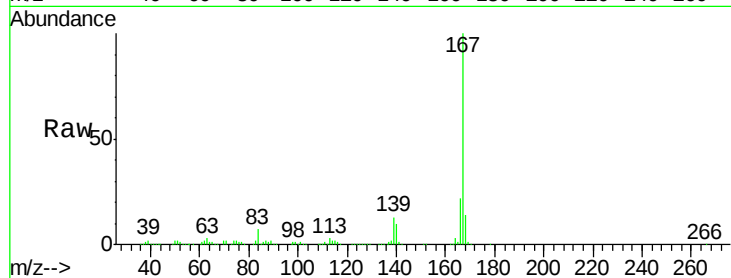
Tgt Ion:167 Resp: 1055384

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

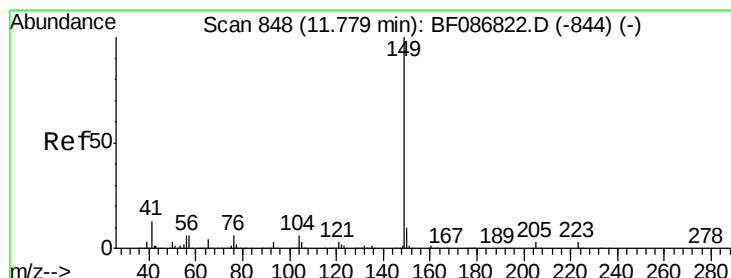
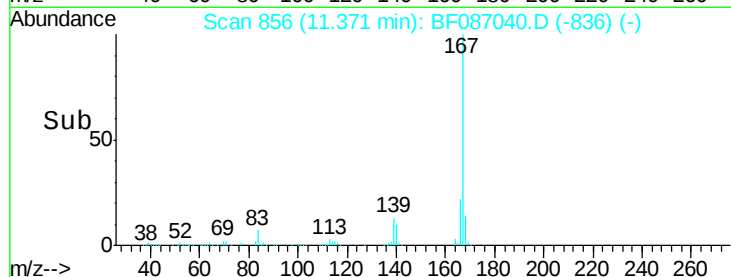
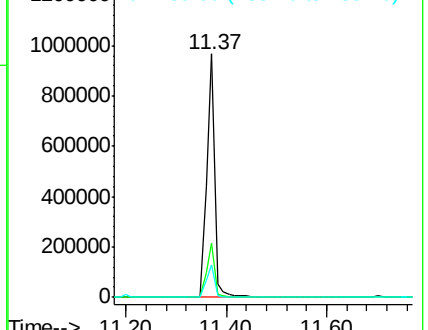
139 13.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.10 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

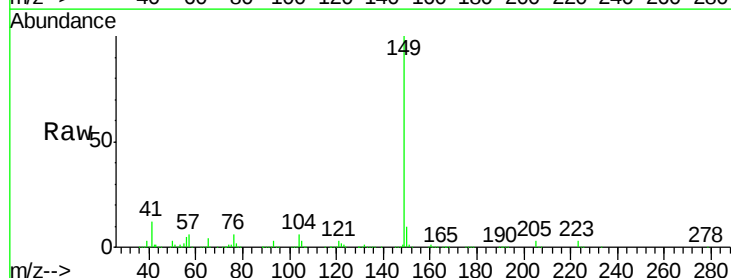
Tgt Ion:149 Resp: 1212808

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

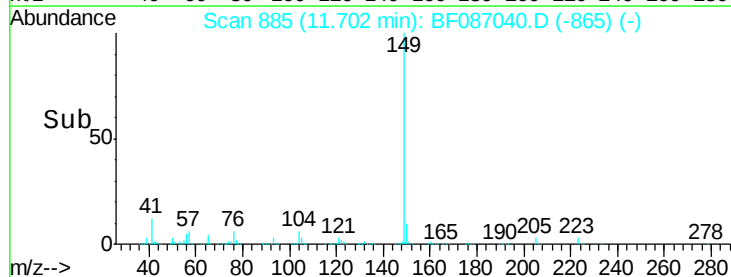
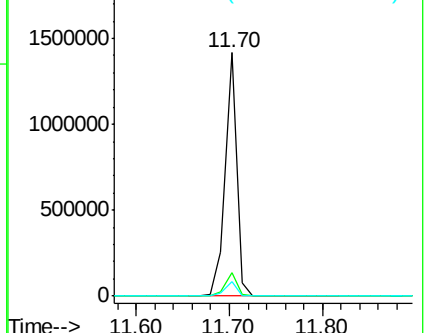
104 6.0 3.8 5.6#

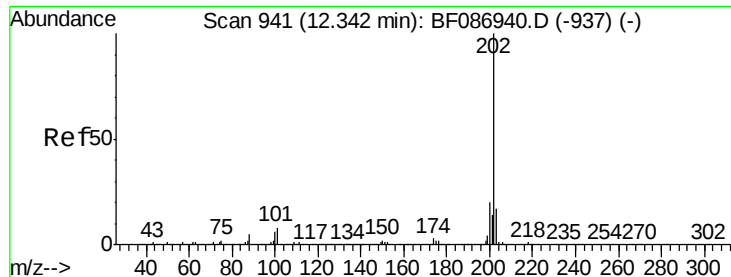


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.12 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

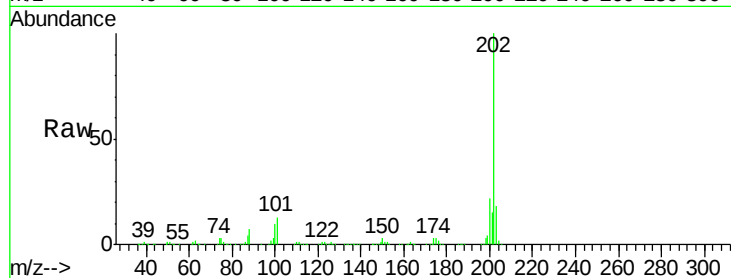
Tgt Ion:202 Resp: 1046423

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.4

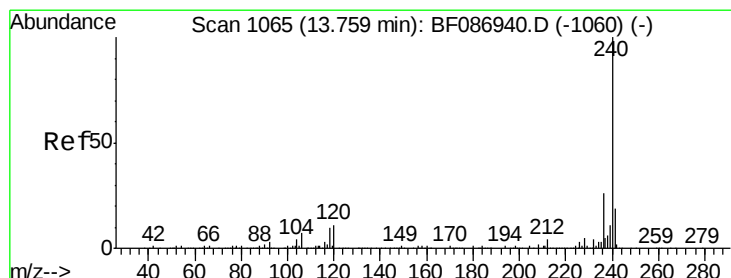
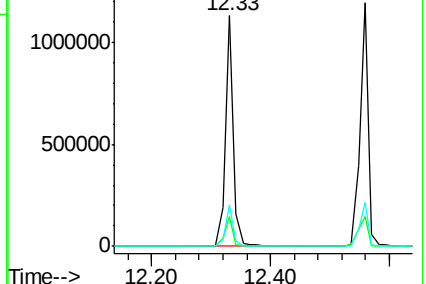
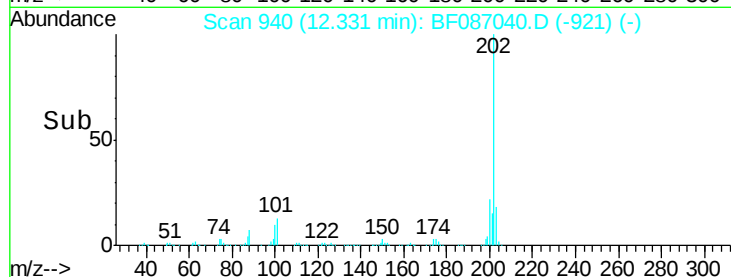
203 18.1 0.0 38.1



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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

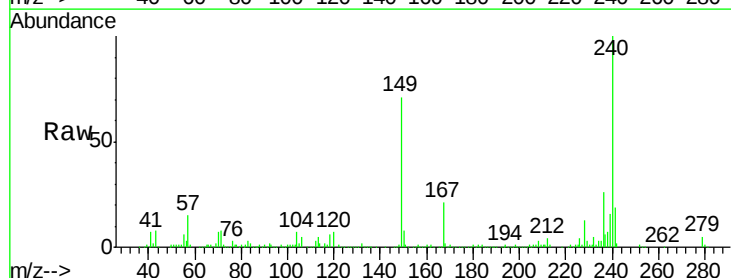
Tgt Ion:240 Resp: 330698

Ion Ratio Lower Upper

240 100

120 6.9 11.2 16.8#

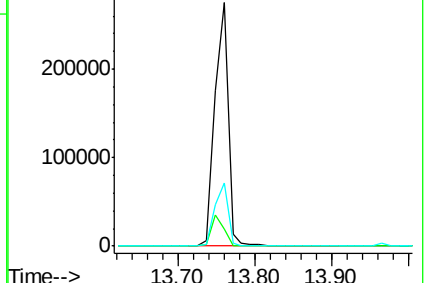
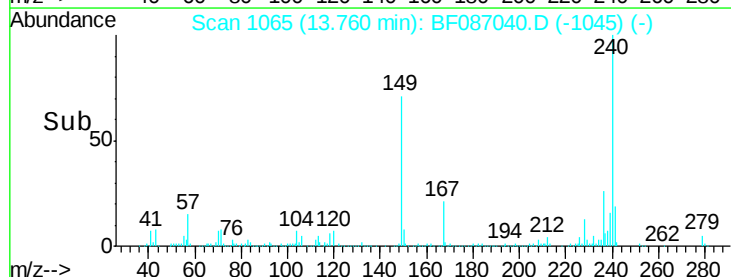
236 26.1 21.2 31.8

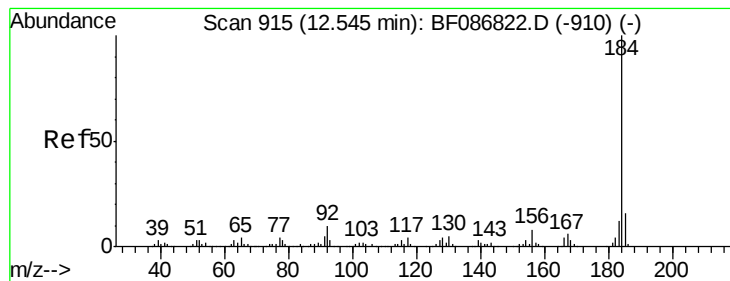


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 27.46 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

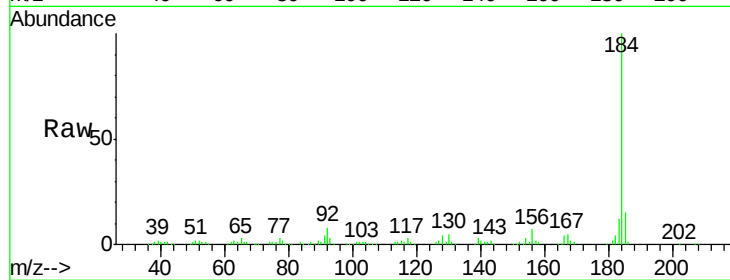
Tgt Ion:184 Resp: 231535

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

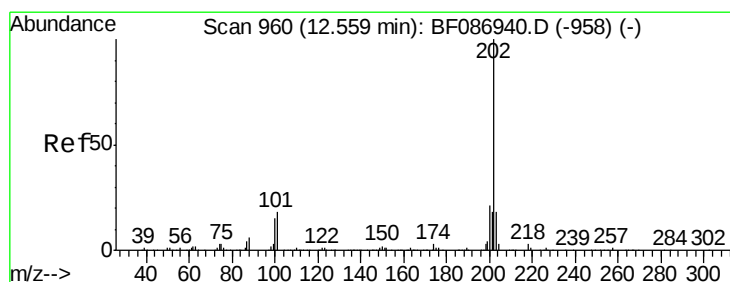
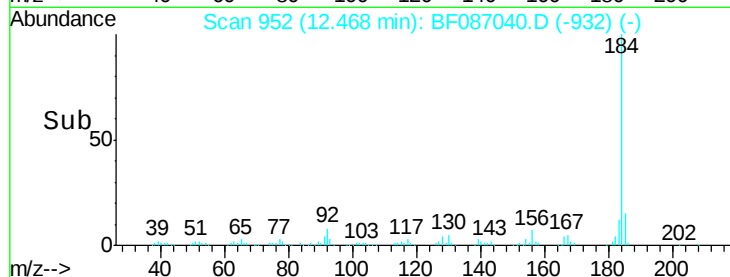
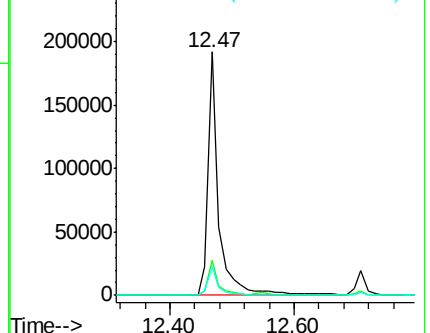
183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 45.59 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

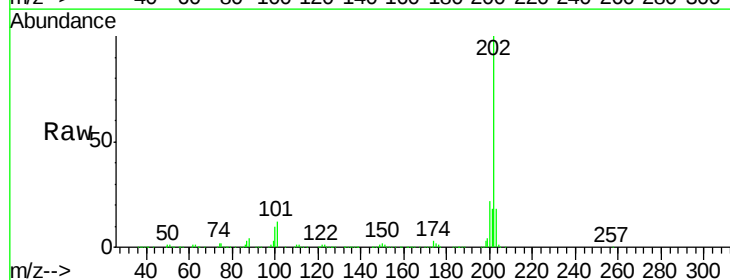
Tgt Ion:202 Resp: 1154232

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

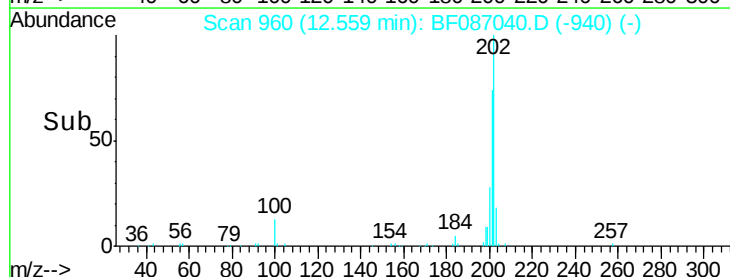
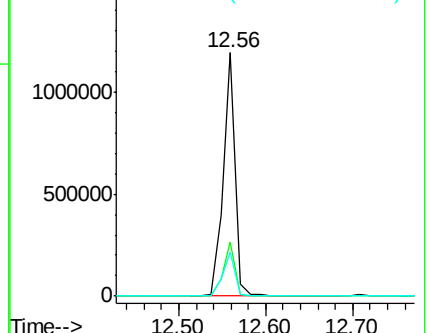
203 18.1 14.2 21.4

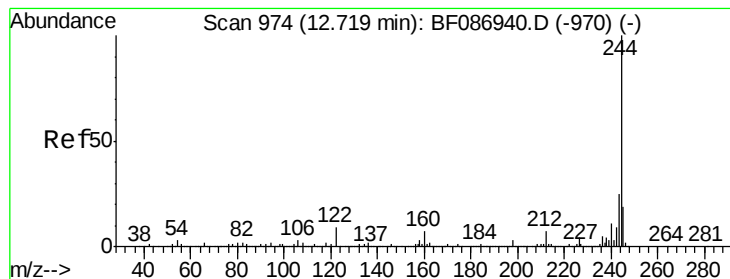


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.23 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

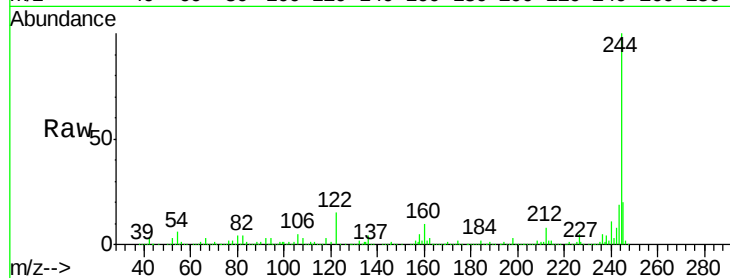
Tgt Ion:244 Resp: 1203804

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

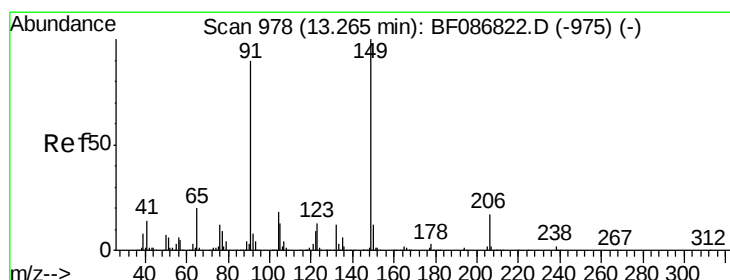
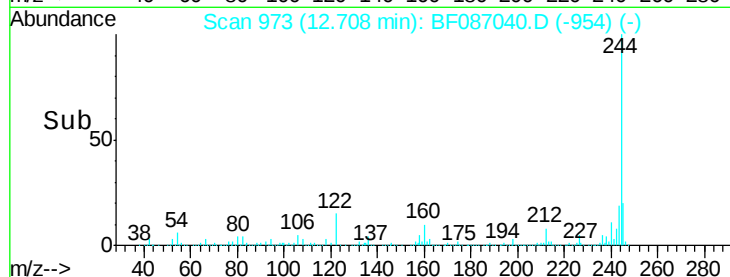
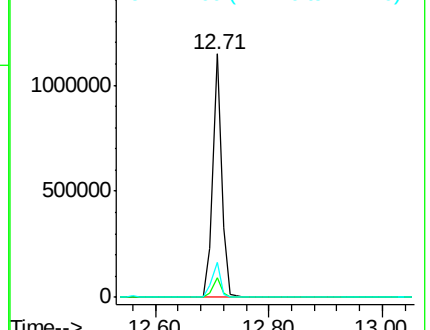
122 14.5 12.0 18.0



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: 44.68 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

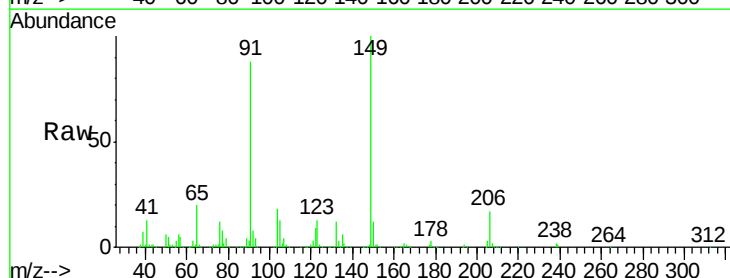
Tgt Ion:149 Resp: 478496

Ion Ratio Lower Upper

149 100

91 87.9 48.0 72.0#

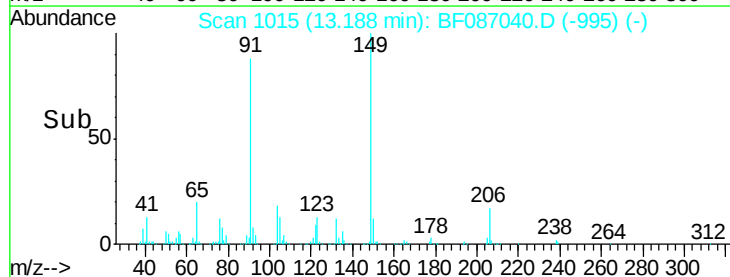
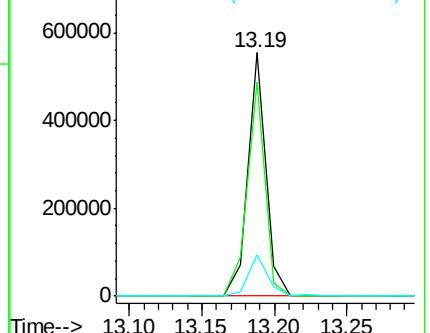
206 16.8 15.8 23.6

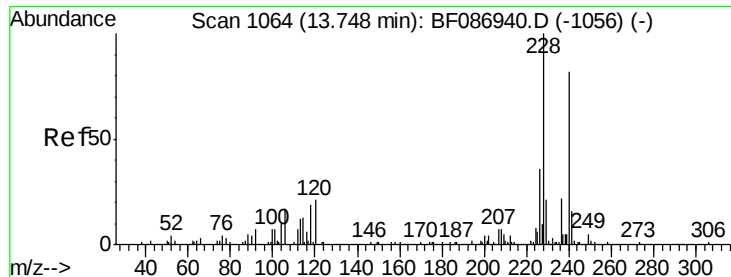


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.52 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

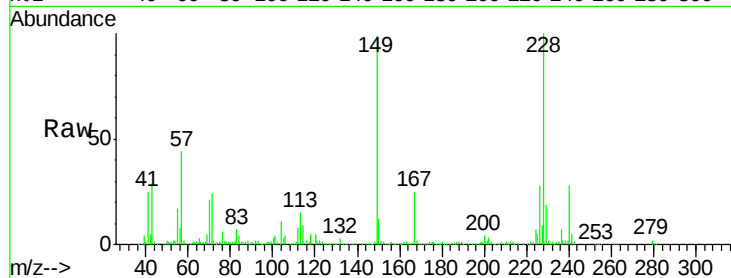
Tgt Ion:228 Resp: 807966

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

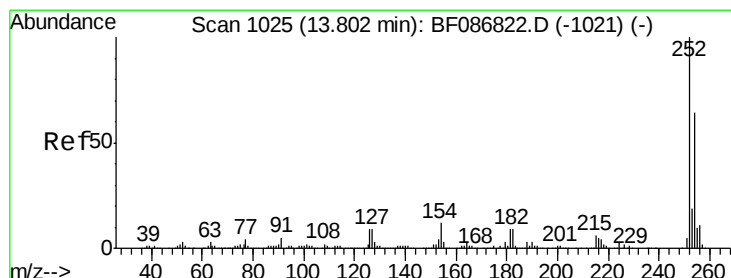
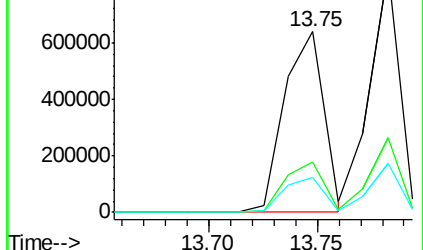
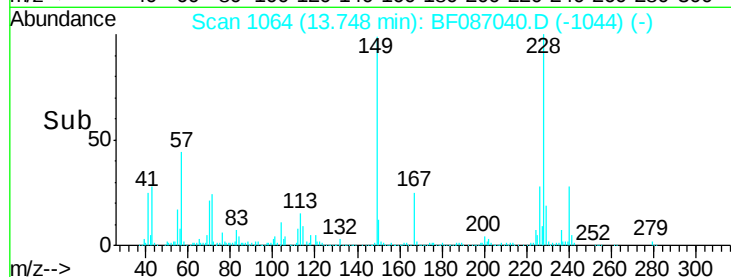
229 19.4 16.6 25.0



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: 12.12 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

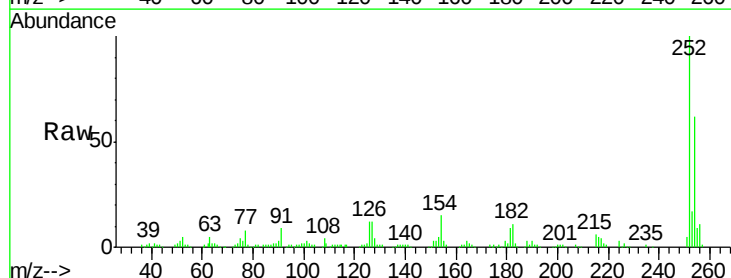
Tgt Ion:252 Resp: 142986

Ion Ratio Lower Upper

252 100

254 61.8 50.7 76.1

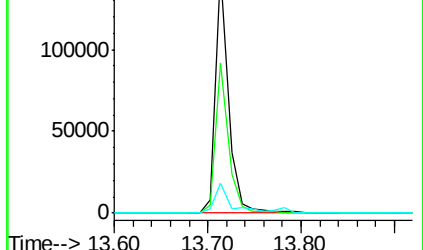
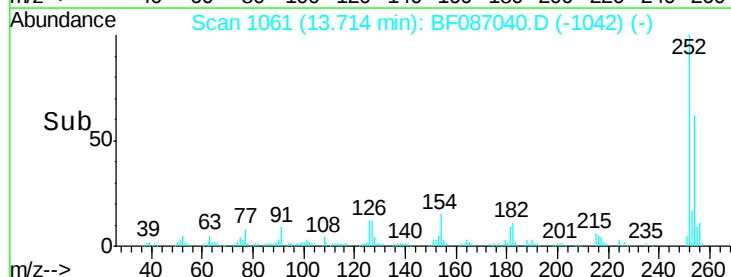
126 12.1 12.7 19.1#

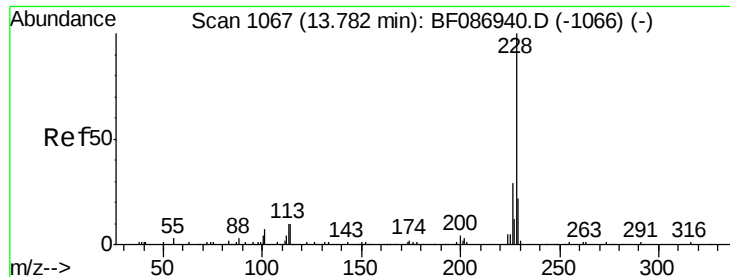


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.66 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

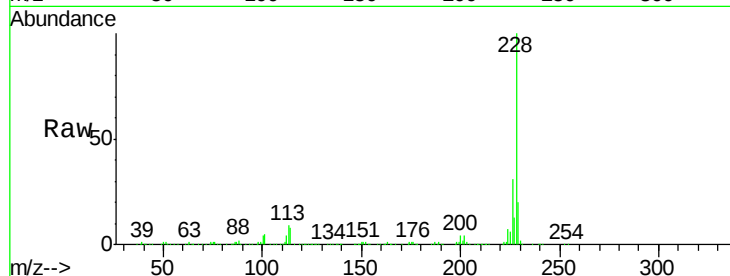
Tgt Ion: 228 Resp: 843347

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

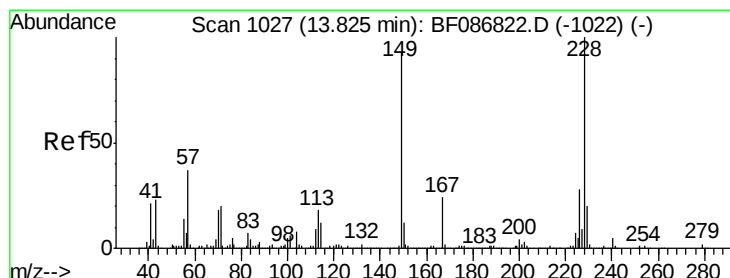
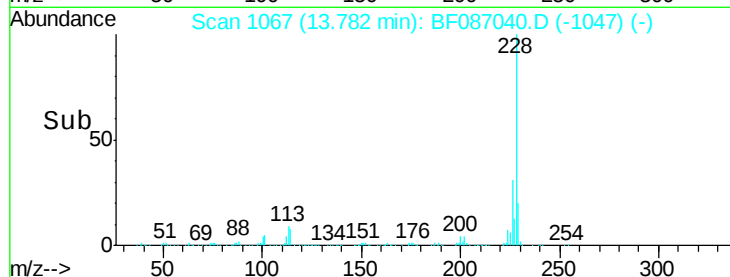
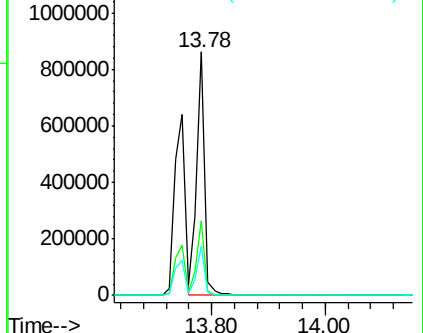
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.33 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

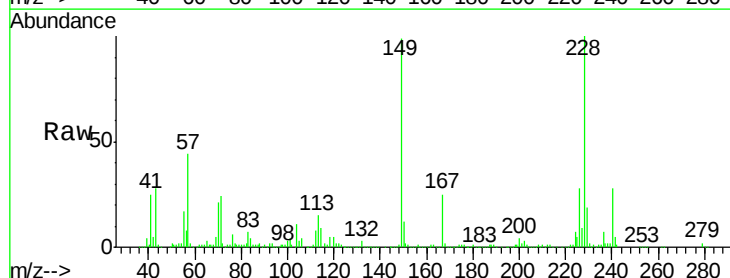
Tgt Ion: 149 Resp: 609727

Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.6

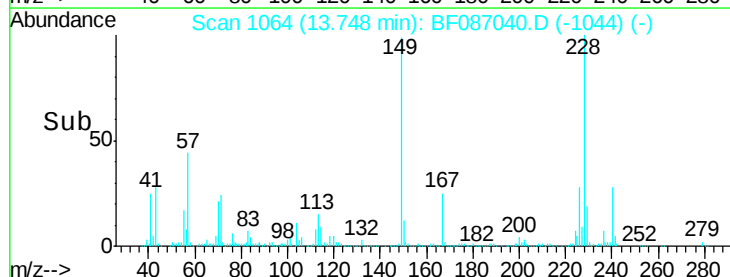
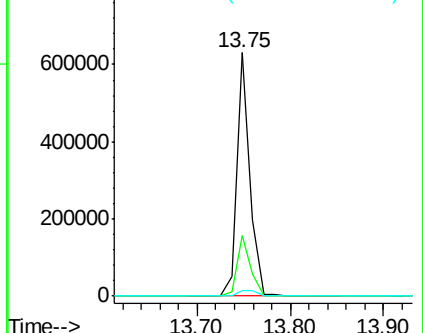
279 2.3 2.6 4.0#

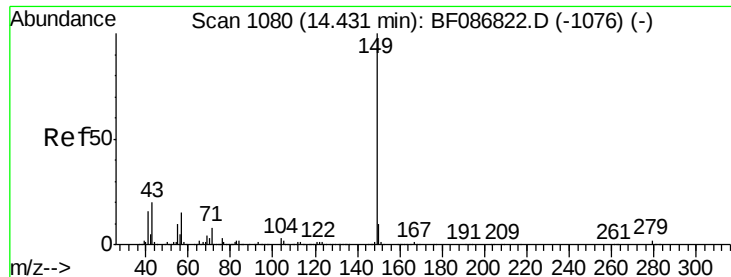


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.12 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

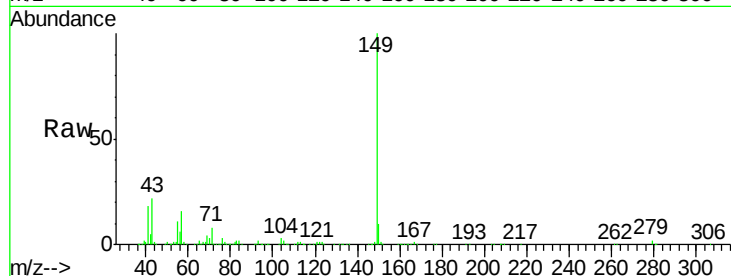
Tgt Ion:149 Resp: 1026693

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

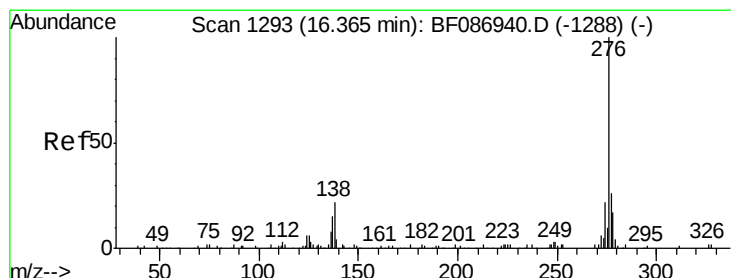
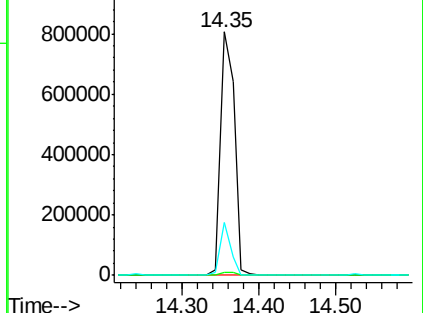
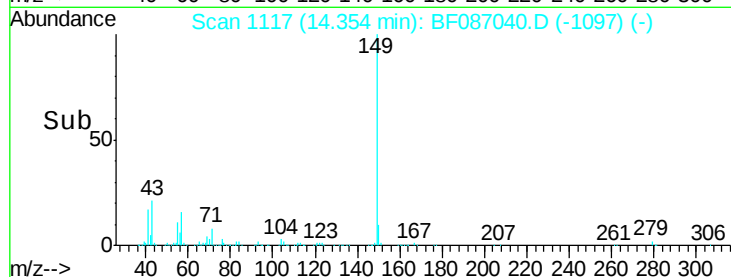
43 16.7 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.38 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

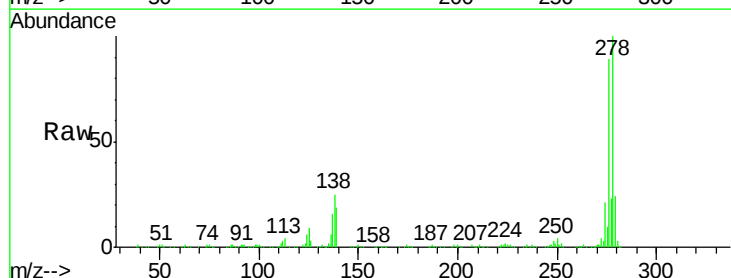
Tgt Ion:276 Resp: 728741

Ion Ratio Lower Upper

276 100

138 27.3 25.6 38.4

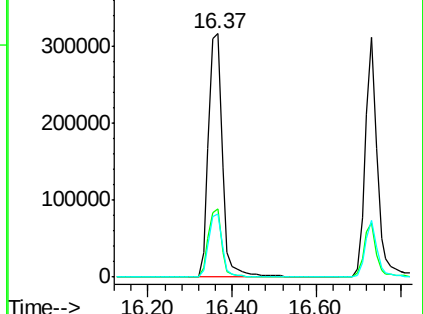
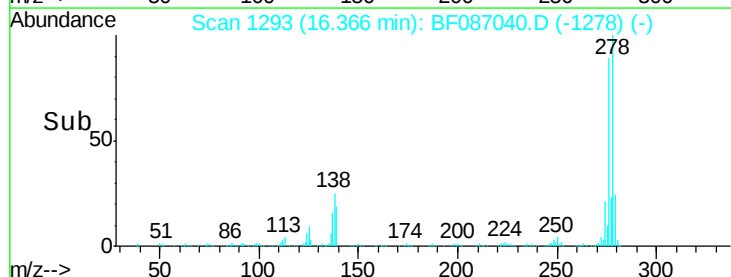
277 25.3 20.5 30.7

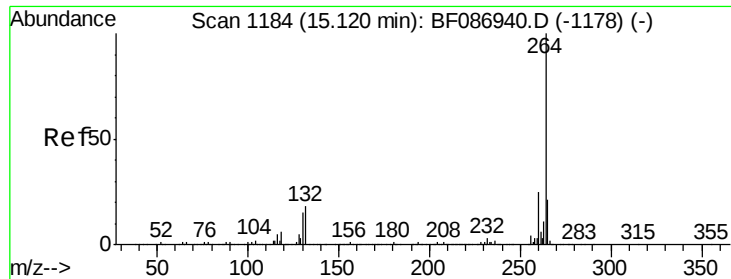


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

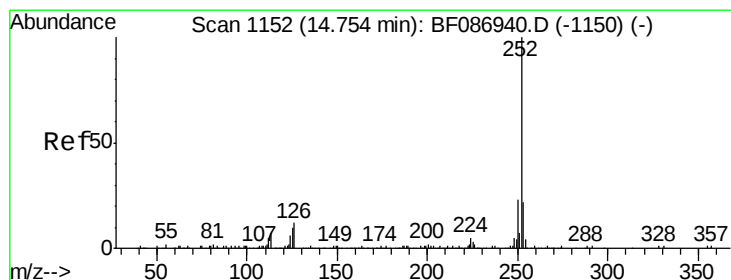
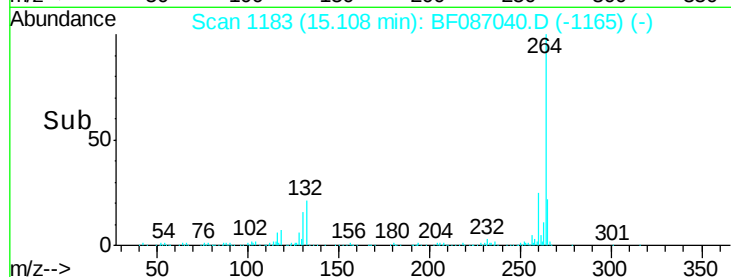
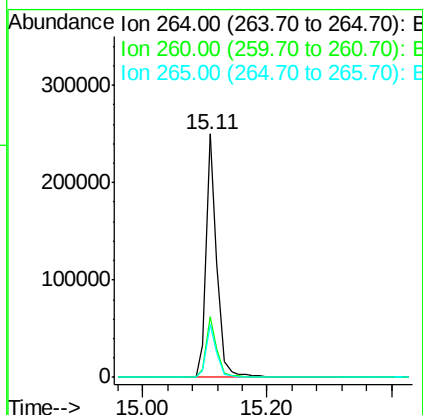
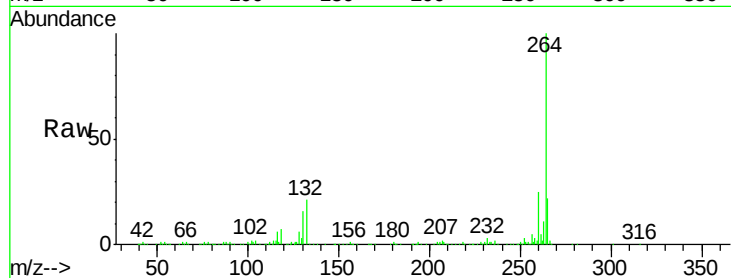




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

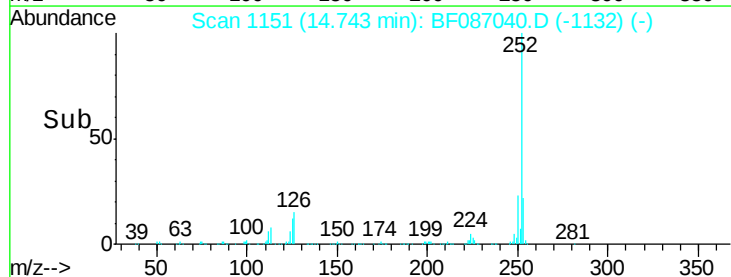
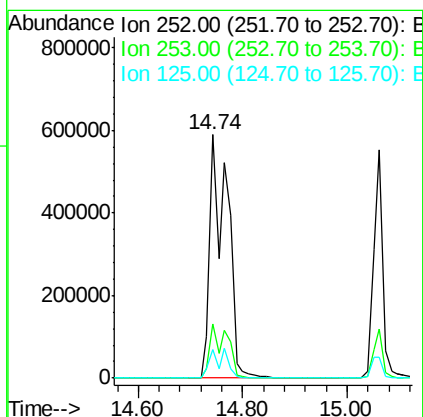
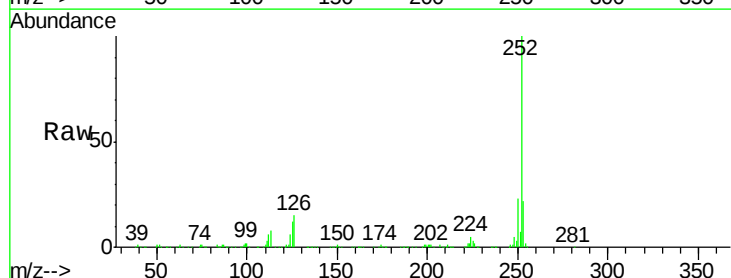
Instrument :
BNA_F
ClientSampleId :
PB90466BS

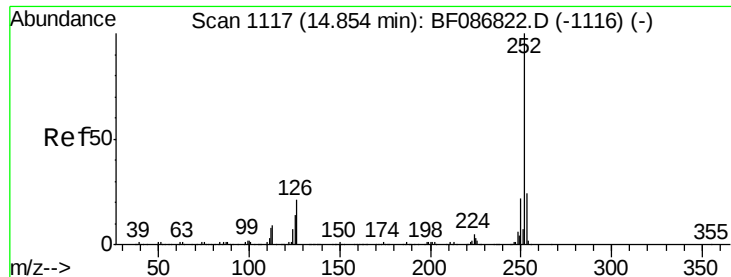
Tgt Ion: 264 Resp: 300369
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.7 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 69.93 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion: 252 Resp: 1365066
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.6 11.4 17.0

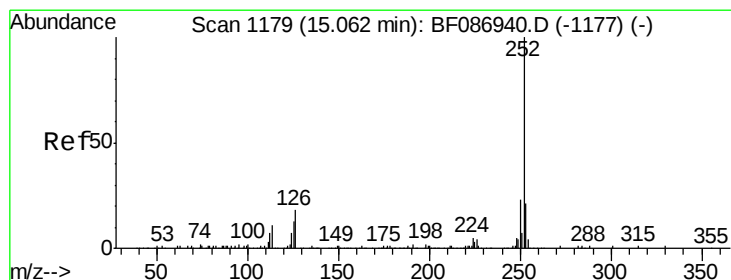
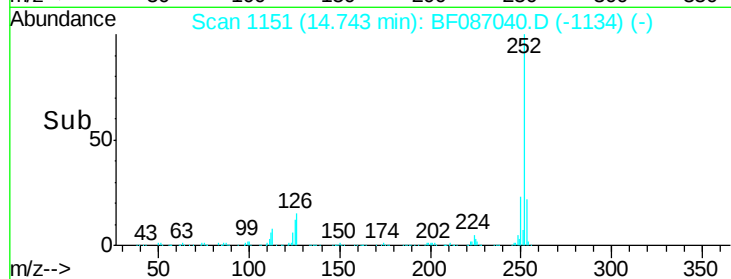
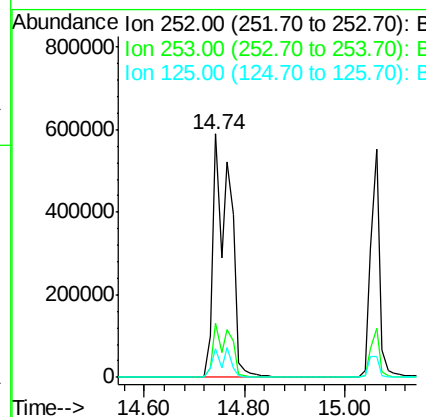
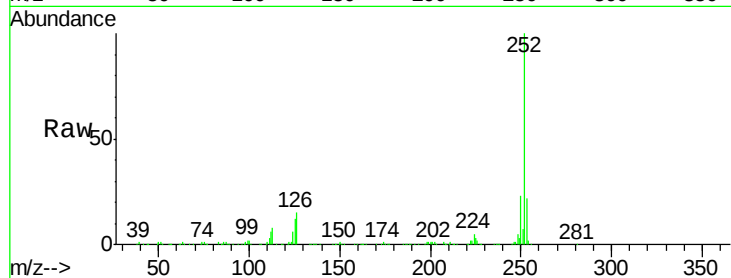




#88
Benzo(k)fluoranthene
Concen: 85.43 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

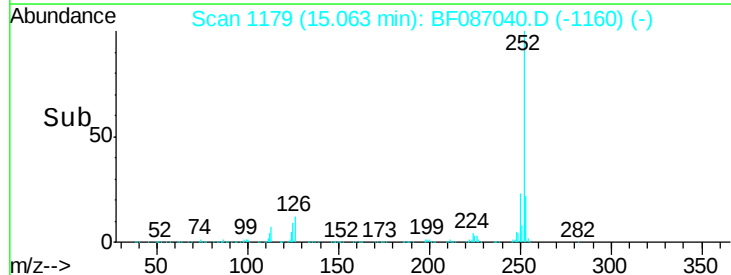
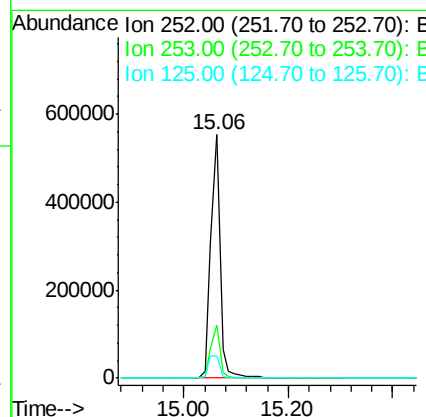
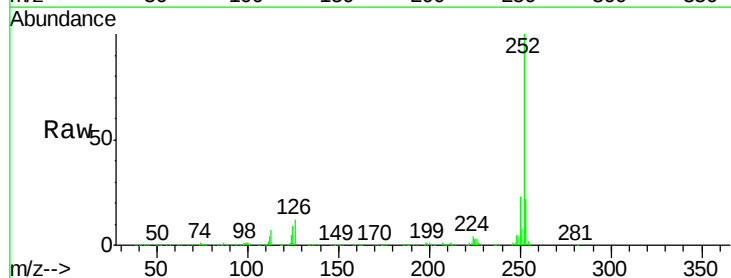
Instrument :
BNA_F
ClientSampleId :
PB90466BS

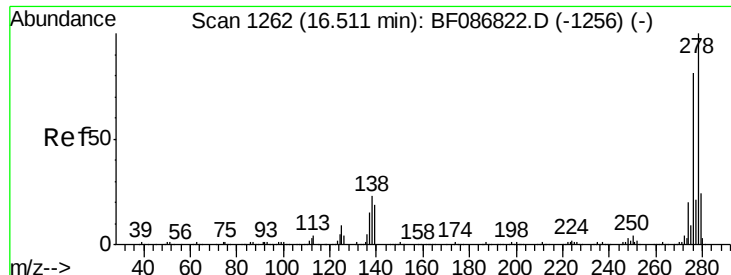
Tgt Ion:252 Resp: 1365462
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.6 9.1 13.7



#89
Benzo(a)pyrene
Concen: 40.33 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:252 Resp: 679015
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.1 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 43.07 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

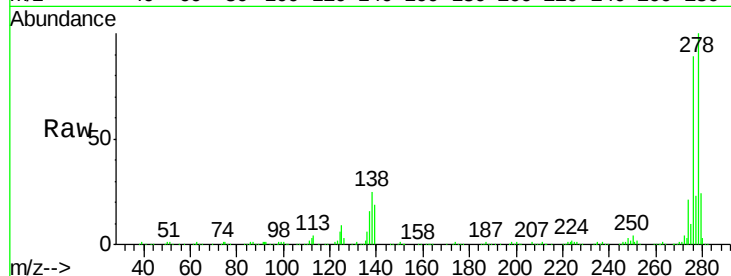
Tgt Ion: 278 Resp: 611200

Ion Ratio Lower Upper

278 100

139 19.1 16.6 24.8

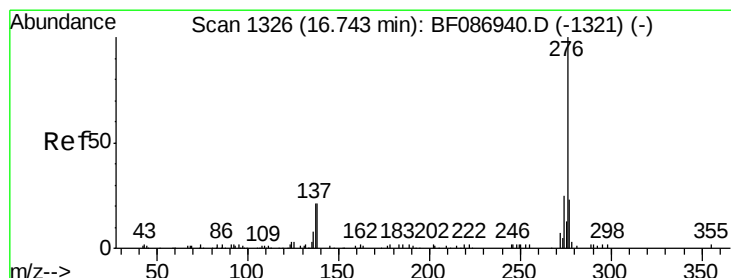
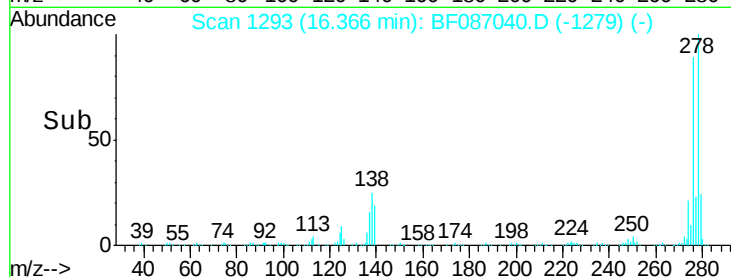
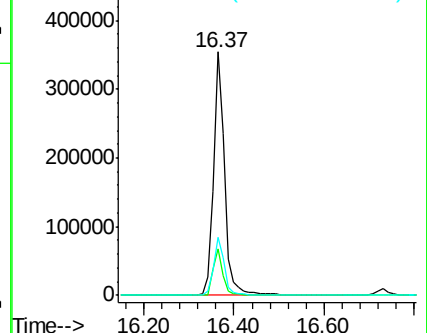
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.06 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

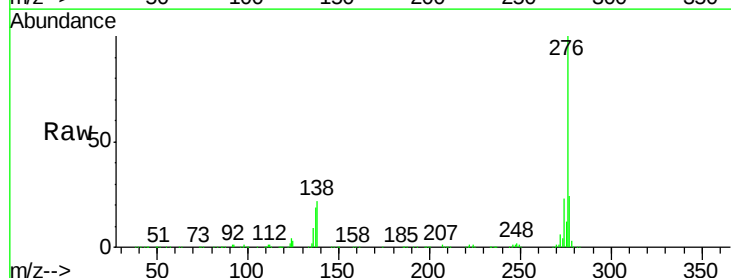
Tgt Ion: 276 Resp: 620823

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 22.4 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

