

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087041.D
 Acq On : 15 May 2016 1:31
 Operator : UM/SJ
 Sample : PB90466BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Quant Time: May 16 04:50:15 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	405152	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	558446	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	266915	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	504558	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	334583	20.00	ng	-0.08
86) Perylene-d12	15.11	264	298915	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	909084	38.00	ng	-0.08
7) Phenol-d6	6.40	99	37950	1.19	ng	0.04
23) Nitrobenzene-d5	7.19	82	816935	73.45	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	338752	119.88	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1364372	85.91	ng	-0.08
78) Terphenyl-d14	12.71	244	1173316	74.40	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	120774	10.28	ng	# 67
3) Pyridine	2.78	79	362089	12.61	ng	# 64
4) n-Nitrosodimethylamine	2.73	42	254999	12.25	ng	# 48
6) Aniline	6.35	93	339184	8.77	ng	# 51
8) 2-Chlorophenol	6.40	128	363274	12.58	ng	84
10) Phenol	6.30	94	498981	13.13	ng	85
11) bis(2-Chloroethyl)ether	6.35	93	339184	11.45	ng	# 80
12) 1,3-Dichlorobenzene	6.78	146	325598	10.42	ng	# 83
13) 1,4-Dichlorobenzene	6.63	146	378784	11.89	ng	94
14) 1,2-Dichlorobenzene	6.78	146	328853	11.84	ng	93
15) Benzyl Alcohol	6.78	79	319696	14.48	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	720950	11.19	ng	58
17) 2-Methylphenol	7.06	107	395510	17.22	ng	# 80
18) Hexachloroethane	7.12	117	143076	11.94	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	118014	5.28	ng	# 72
20) 3+4-Methylphenols	7.06	107	393941	13.13	ng	# 61
22) Acetophenone	7.04	105	521816	39.56	ng	# 95
24) Nitrobenzene	7.21	77	405743	35.46	ng	90
25) Isophorone	7.45	82	759073	36.79	ng	97
26) 2-Nitrophenol	7.53	139	181677	36.13	ng	95
27) 2,4-Dimethylphenol	7.59	122	314381	36.70	ng	93
28) bis(2-Chloroethoxy)methane	7.67	93	459734	41.30	ng	98
29) 2,4-Dichlorophenol	7.78	162	291667	38.68	ng	93
30) 1,2,4-Trichlorobenzene	7.84	180	307540	36.48	ng	96
31) Naphthalene	7.92	128	999700	35.74	ng	99
32) Benzoic acid	7.74	122	168011	33.39	ng	# 79
33) 4-Chloroaniline	7.99	127	99871	9.19	ng	# 93
34) Hexachlorobutadiene	8.04	225	179598	36.72	ng	98
35) Caprolactam	8.36	113	74260	28.95	ng	# 77
36) 4-Chloro-3-methylphenol	8.49	107	337760	36.94	ng	90
37) 2-Methylnaphthalene	8.62	142	704943	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	269405	34.71	ng	# 98
40) Hexachlorocyclopentadiene	8.76	237	237826	64.56	ng	95
42) 2,4,6-Trichlorophenol	8.90	196	186217	35.88	ng	94

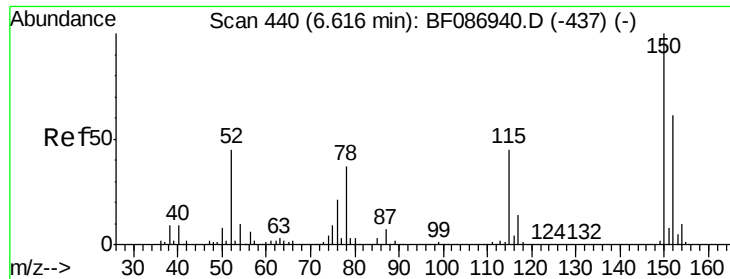
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	186390	34.73	ng	95
45) 1,1'-Biphenyl	9.07	154	817334	38.50	ng	95
46) 2-Chloronaphthalene	9.10	162	604437	36.34	ng	93
47) 2-Nitroaniline	9.21	65	251006	41.29	ng	# 77
48) Acenaphthylene	9.51	152	931650	38.08	ng	98
49) Dimethylphthalate	9.39	163	791207	38.85	ng	99
50) 2,6-Dinitrotoluene	9.45	165	153695	35.86	ng	# 74
51) Acenaphthene	9.68	154	578255	37.99	ng	98
52) 3-Nitroaniline	9.62	138	68036	15.08	ng	87
53) 2,4-Dinitrophenol	9.74	184	99060	48.57	ng	90
54) Dibenzofuran	9.85	168	829527	42.46	ng	91
55) 4-Nitrophenol	9.85	139	555471	178.68	ng	# 22
56) 2,4-Dinitrotoluene	9.86	165	213997	40.35	ng	# 77
57) Fluorene	10.19	166	622511	37.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	171599	42.47	ng	97
59) Diethylphthalate	10.09	149	777889	39.20	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	324522	44.70	ng	89
61) 4-Nitroaniline	10.24	138	163768	37.79	ng	# 69
62) Azobenzene	10.35	77	927734	43.33	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	94321	30.09	ng	# 36
65) n-Nitrosodiphenylamine	10.32	169	646336	41.70	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	187254	36.60	ng	# 90
67) Hexachlorobenzene	10.74	284	236629	39.58	ng	# 93
68) Atrazine	10.84	200	193501	37.37	ng	94
69) Pentachlorophenol	10.95	266	191742	69.40	ng	97
70) Phenanthrene	11.15	178	1084251	40.27	ng	100
71) Anthracene	11.20	178	1007194	36.57	ng	100
72) Carbazole	11.37	167	976210	41.24	ng	99
73) Di-n-butylphthalate	11.70	149	1171278	40.52	ng	99
74) Fluoranthene	12.33	202	1051746	37.98	ng	96
76) Benzidine	12.47	184	221691	25.99	ng	96
77) Pyrene	12.56	202	1091706	42.62	ng	100
79) Butylbenzylphthalate	13.19	149	473210	43.68	ng	# 73
80) Benzo(a)anthracene	13.74	228	758600	40.39	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	140378	11.76	ng	# 97
82) Chrysene	13.78	228	811929	42.50	ng	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	581658	44.63	ng	# 96
84) Di-n-octyl phthalate	14.35	149	961744	44.55	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.35	276	683173	42.98	ng	95
87) Benzo(b)fluoranthene	14.74	252	1308797	67.37	ng	97
88) Benzo(k)fluoranthene	14.74	252	1309572	82.33	ng	99
89) Benzo(a)pyrene	15.06	252	641337	38.27	ng	# 97
90) Dibenzo(a,h)anthracene	16.37	278	571865	40.49	ng	97
91) Benzo(g,h,i)perylene	16.73	276	578480	40.31	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: BF087041.D

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PB90466BSD

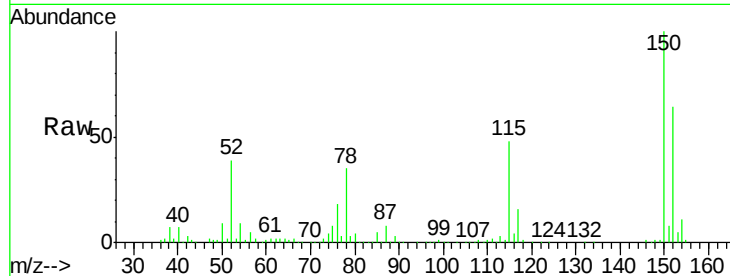
Tgt Ion: 152 Resp: 405152

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

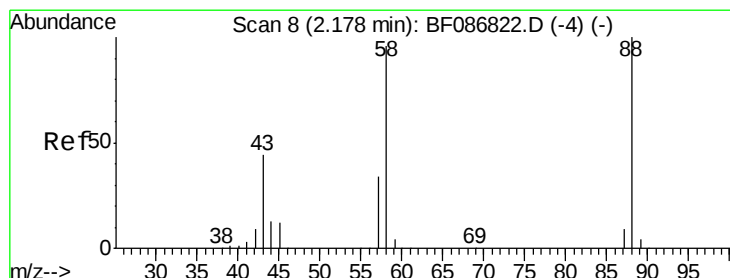
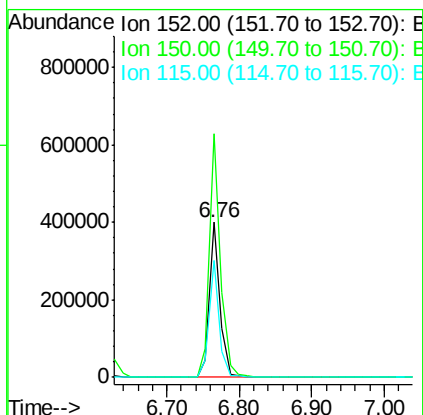
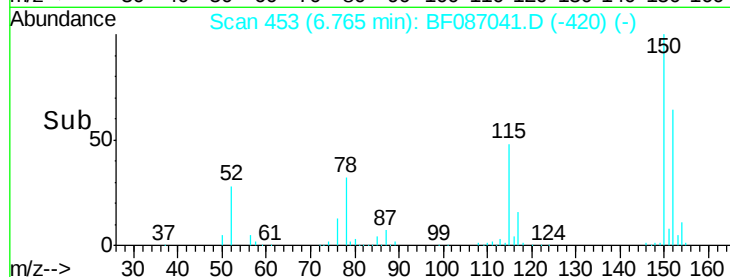
115 75.8 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.28 ng

RT: 2.14 min Scan# 48

Delta R.T. -0.04 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

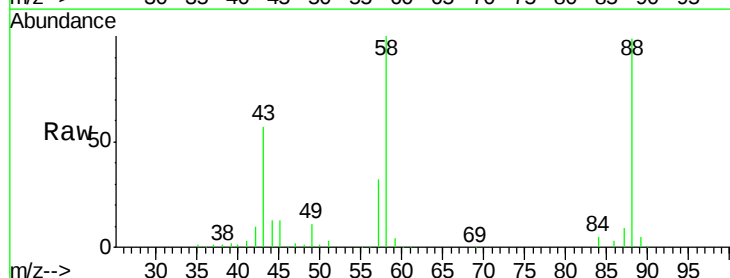
Tgt Ion: 88 Resp: 120774

Ion Ratio Lower Upper

88 100

58 95.0 59.6 89.4#

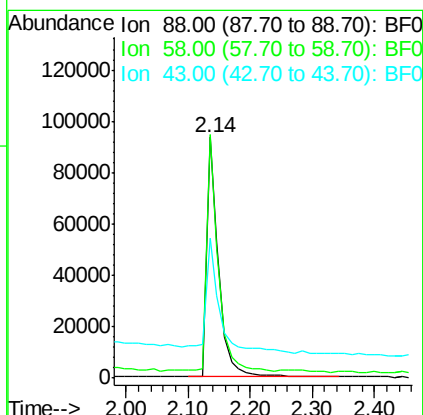
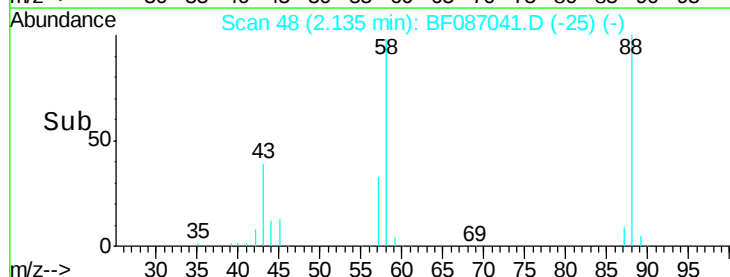
43 57.2 21.8 32.6#

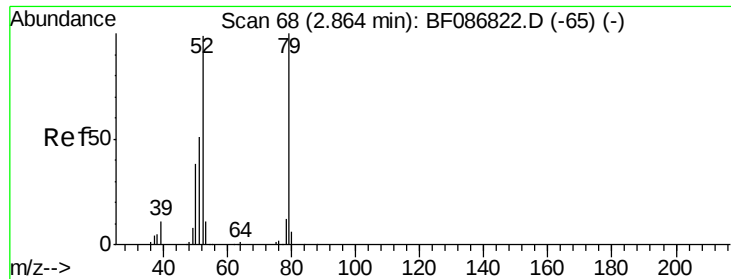


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.61 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

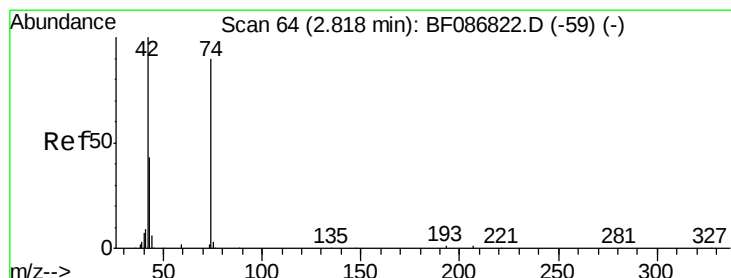
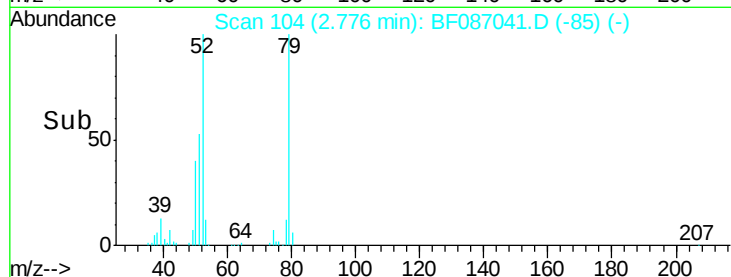
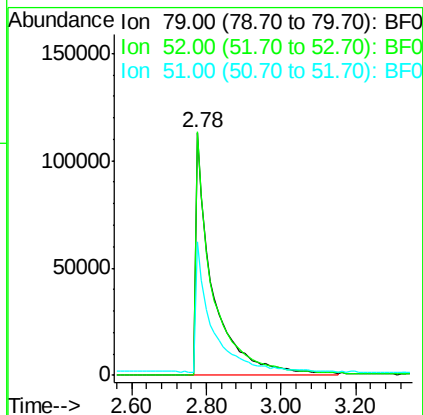
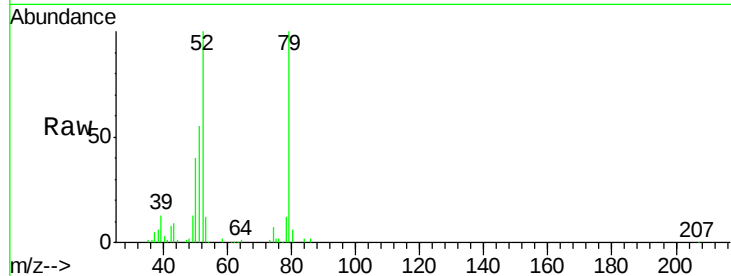
Tgt Ion: 79 Resp: 362089

Ion Ratio Lower Upper

79 100

52 100.2 55.9 83.9#

51 54.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.25 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

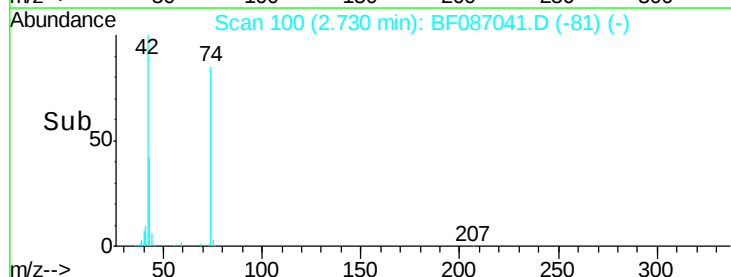
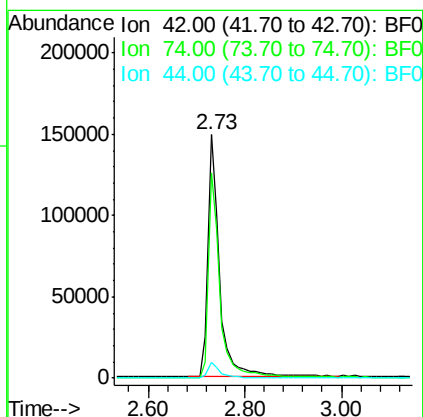
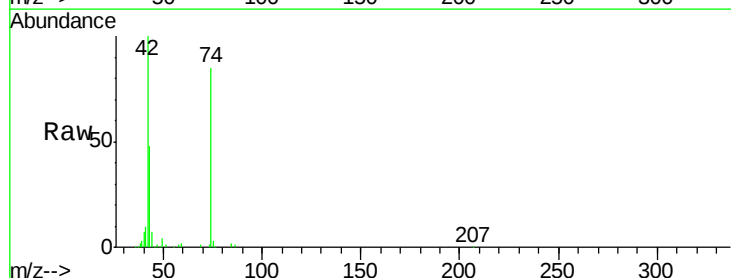
Tgt Ion: 42 Resp: 254999

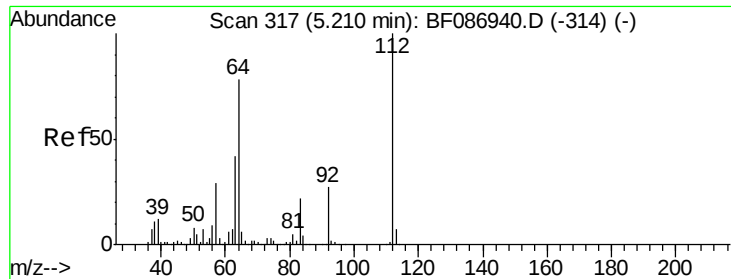
Ion Ratio Lower Upper

42 100

74 84.5 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 38.00 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

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ClientSampled :

PB90466BSD

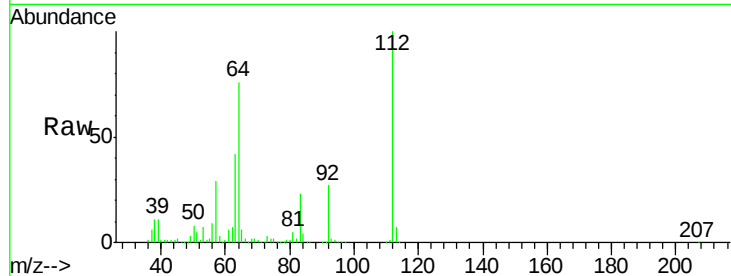
Tgt Ion: 112 Resp: 909084

Ion Ratio Lower Upper

112 100

64 75.5 52.1 78.1

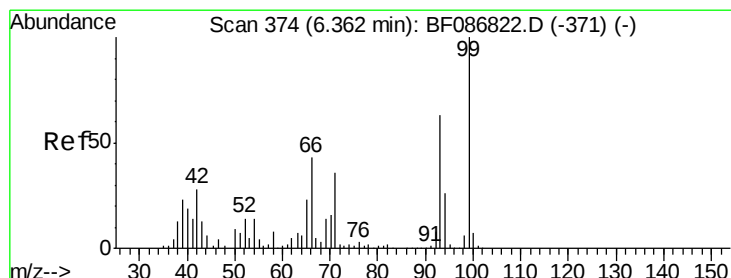
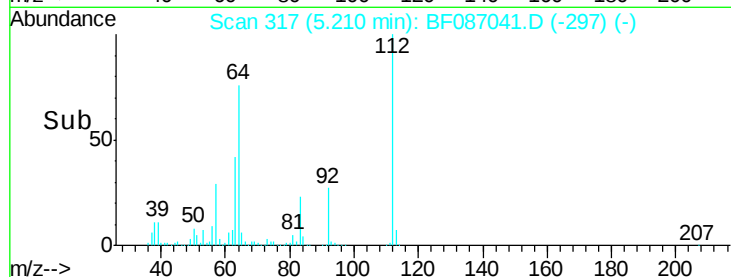
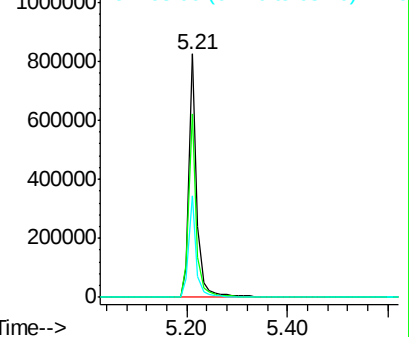
63 41.6 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.77 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

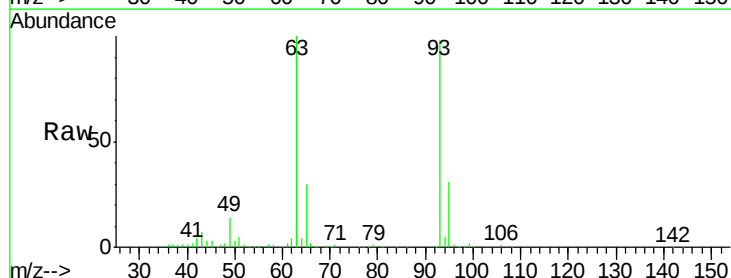
Tgt Ion: 93 Resp: 339184

Ion Ratio Lower Upper

93 100

66 1.7 39.0 58.6#

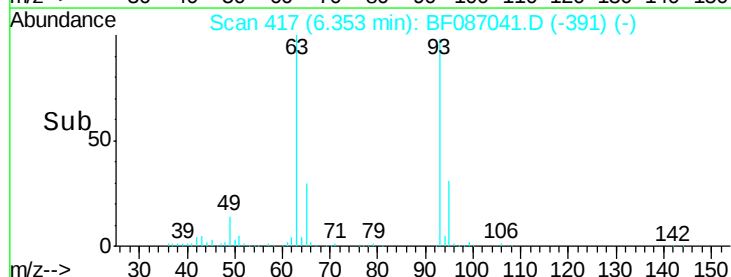
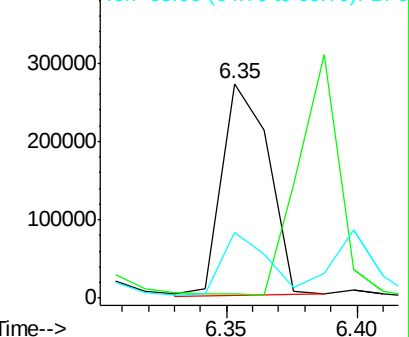
65 30.6 20.6 31.0

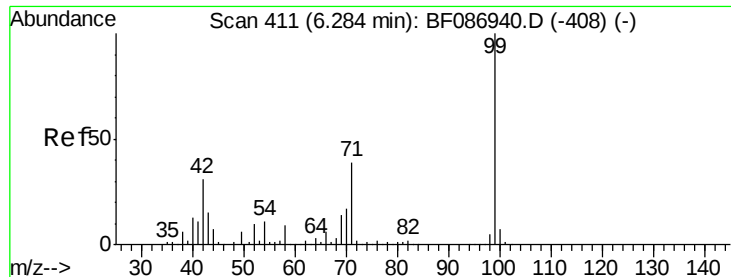


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.19 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

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PB90466BSD

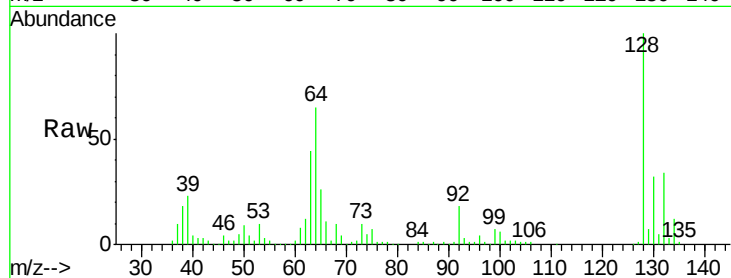
Tgt Ion: 99 Resp: 37950

Ion Ratio Lower Upper

99 100

42 45.4 13.6 20.4#

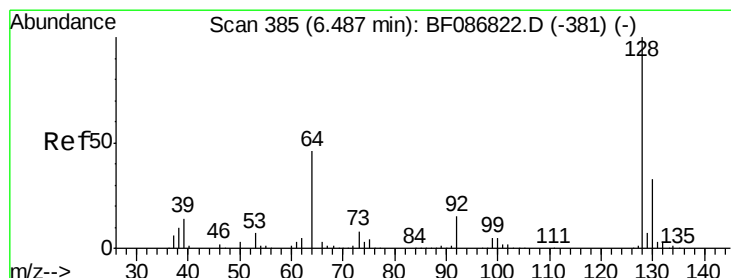
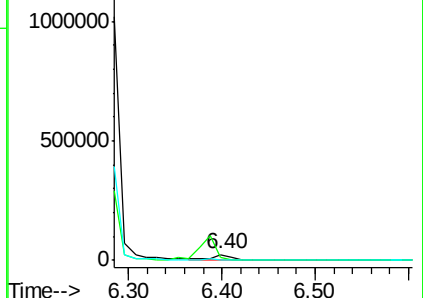
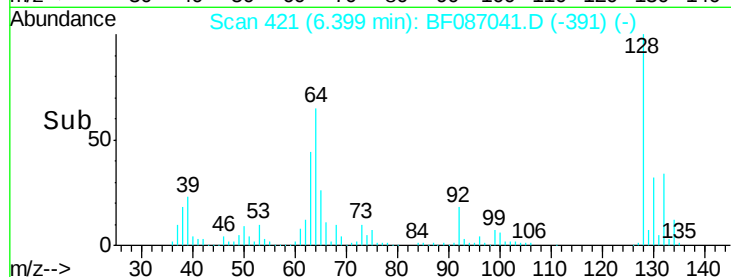
71 10.7 24.6 36.8#



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: 12.58 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

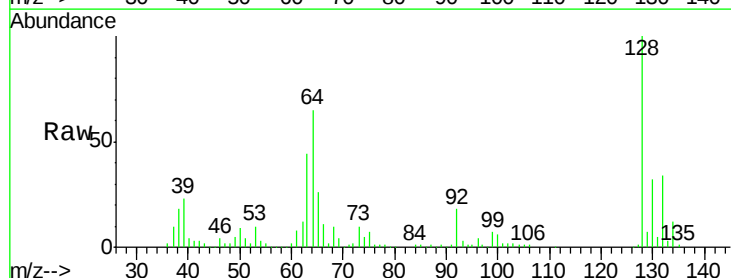
Tgt Ion: 128 Resp: 363274

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

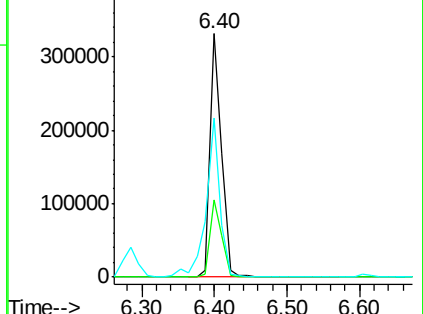
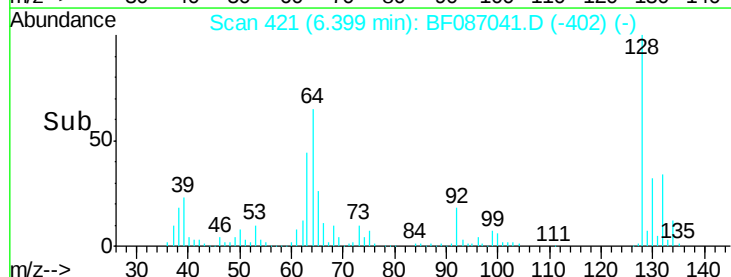
64 65.2 27.3 67.3

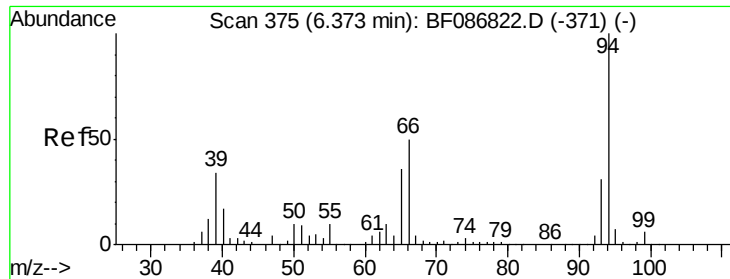


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.13 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

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PB90466BSD

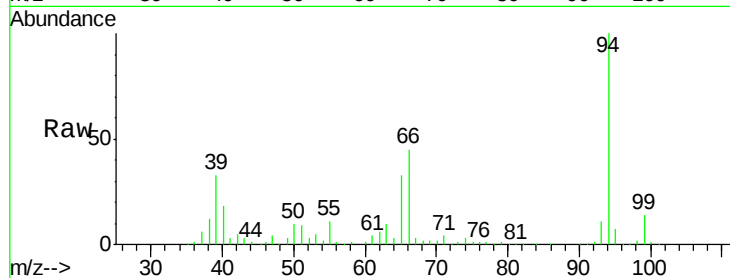
Tgt Ion: 94 Resp: 498981

Ion Ratio Lower Upper

94 100

65 33.3 7.2 47.2

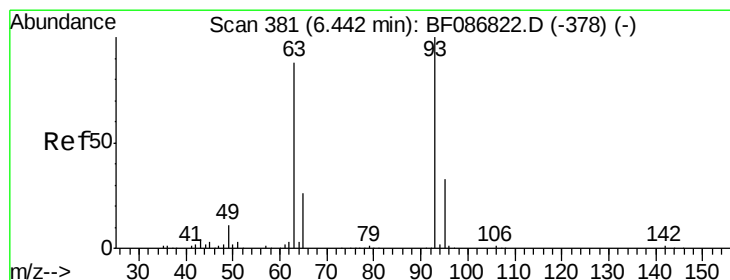
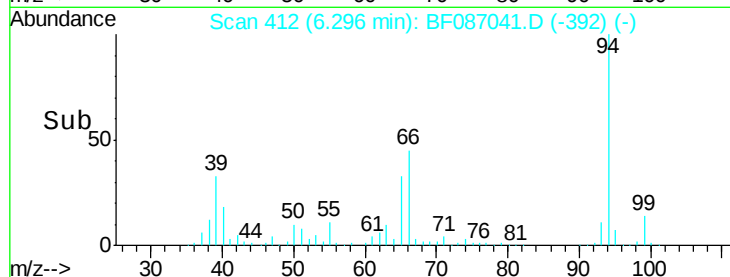
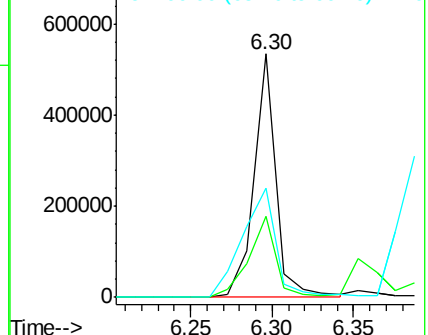
66 44.9 14.9 54.9



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: 11.45 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

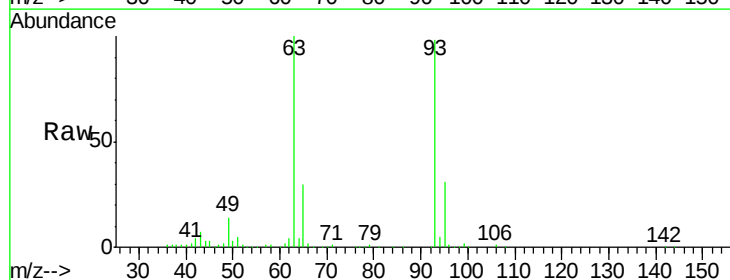
Tgt Ion: 93 Resp: 339184

Ion Ratio Lower Upper

93 100

63 102.2 58.0 98.0#

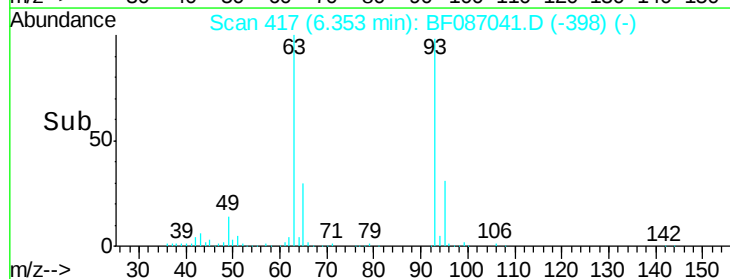
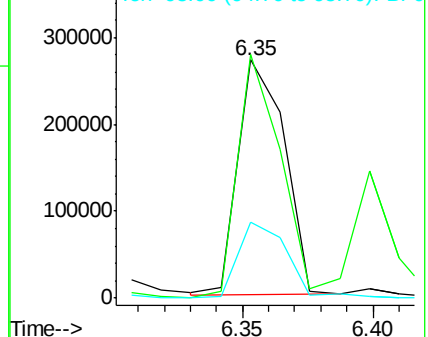
95 31.8 11.9 51.9

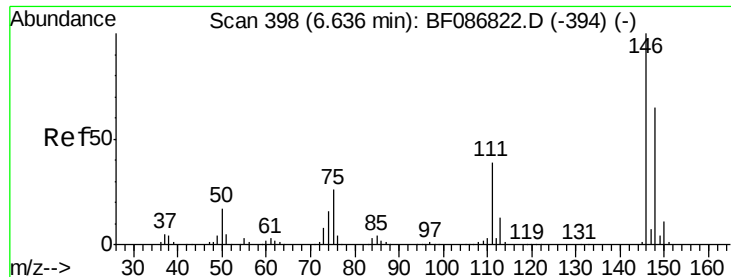


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

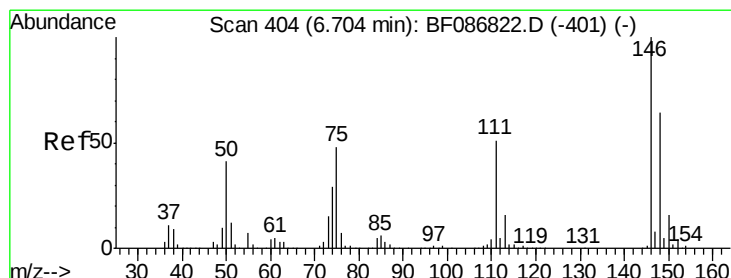
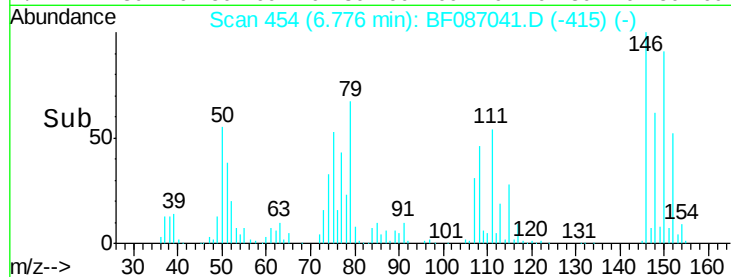
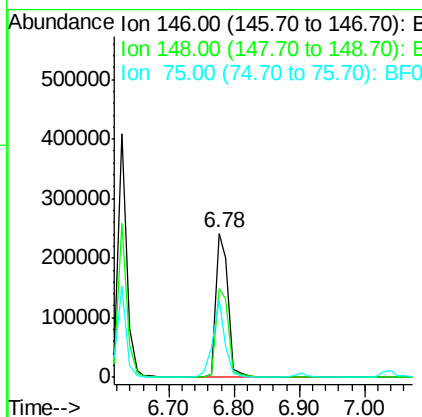
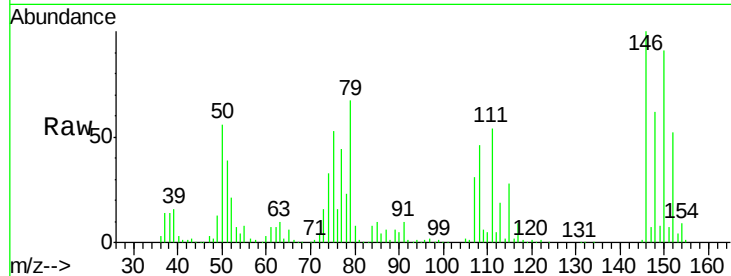




#12
 1,3-Dichlorobenzene
 Concen: 10.42 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.14 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

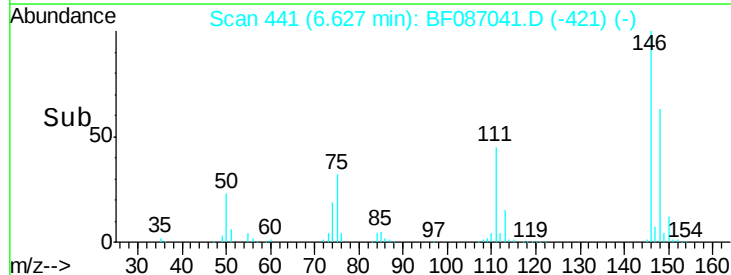
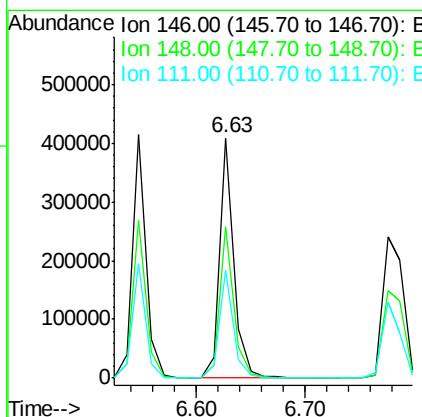
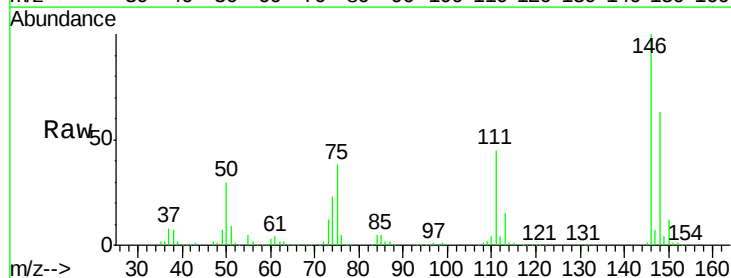
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

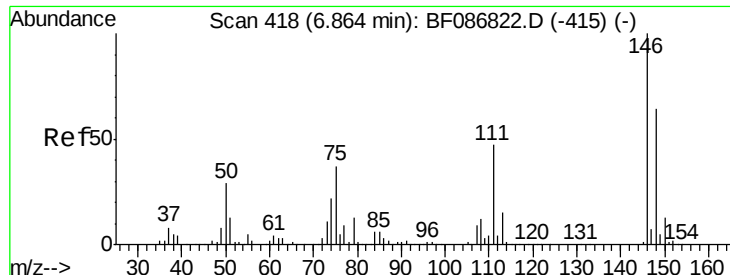
Tgt Ion:146 Resp: 325598
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.4 78.6
 75 53.3 22.8 34.2#



#13
 1,4-Dichlorobenzene
 Concen: 11.89 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:146 Resp: 378784
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 45.3 30.7 46.1

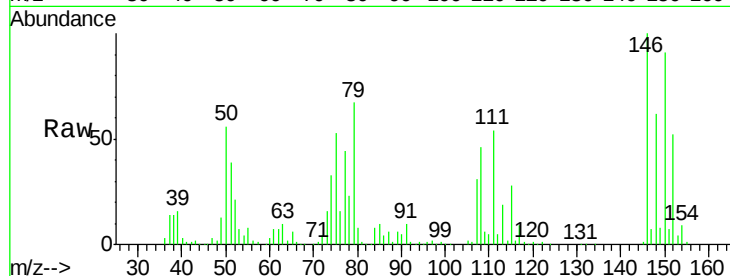




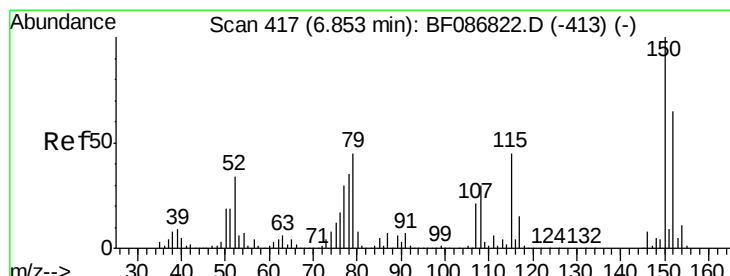
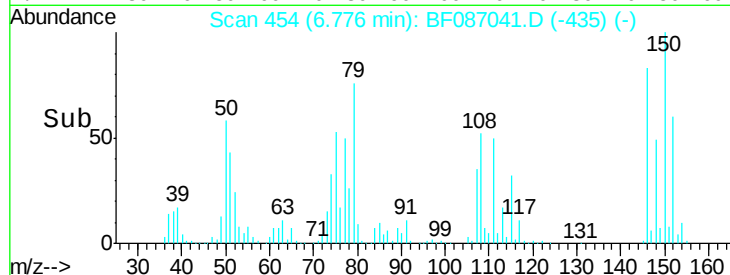
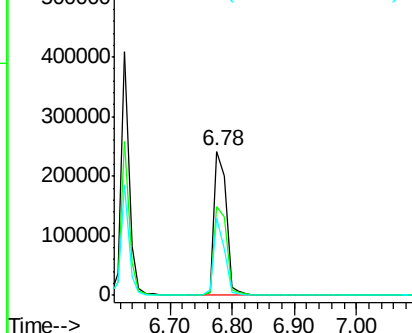
#14
1,2-Dichlorobenzene
Concen: 11.84 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion: 146 Resp: 328853
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.6
111 53.6 36.2 54.4

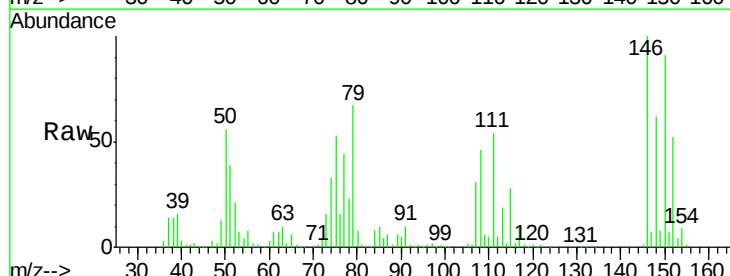


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

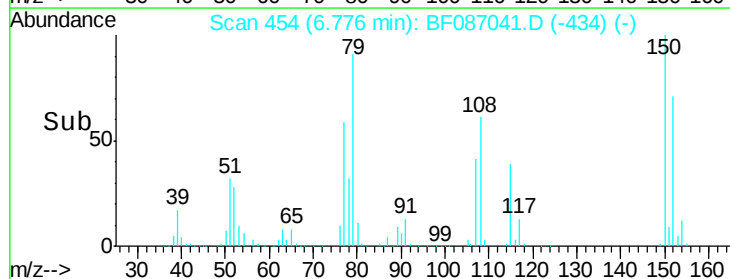
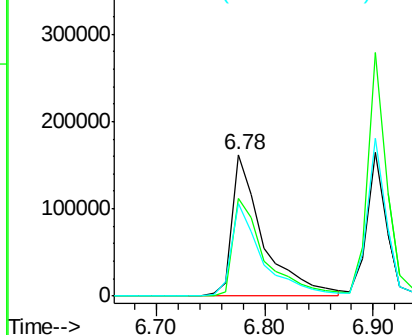


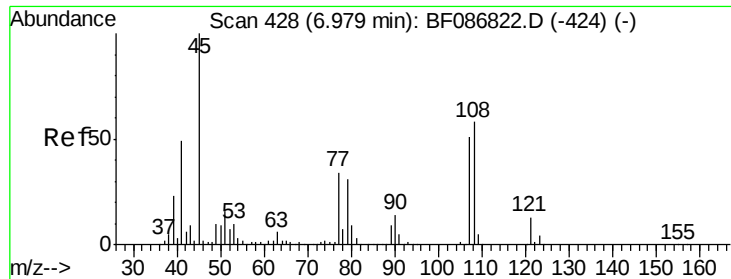
#15
Benzyl Alcohol
Concen: 14.48 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 79 Resp: 319696
Ion Ratio Lower Upper
79 100
108 68.8 68.4 102.6
77 65.1 50.6 76.0



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

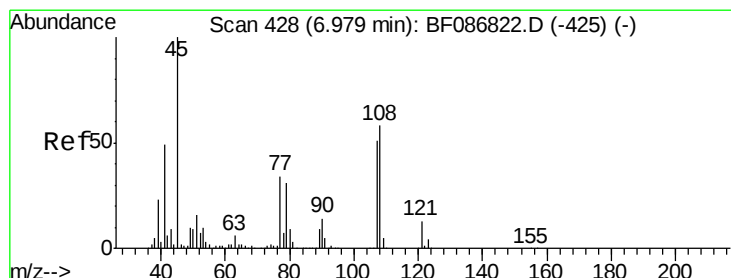
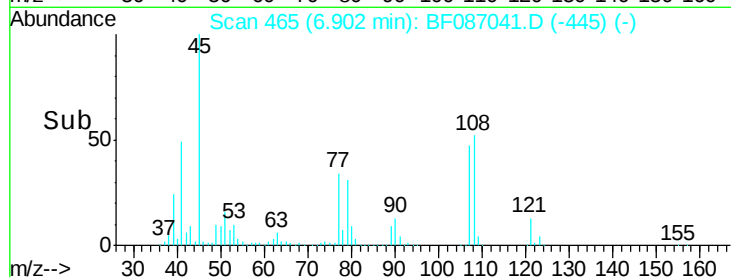
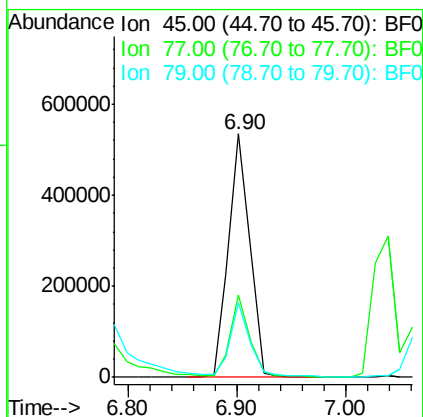
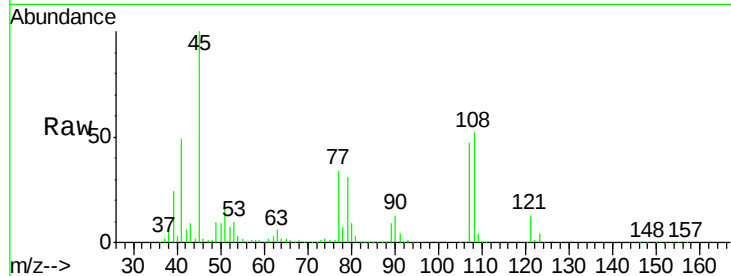




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.19 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

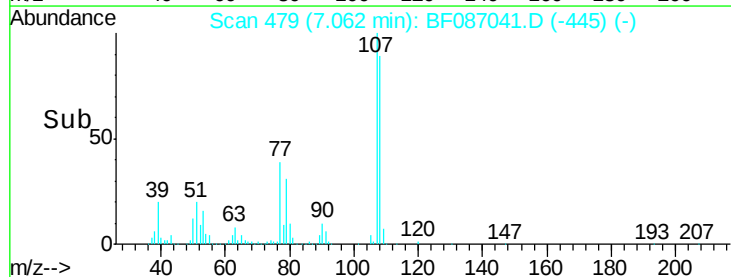
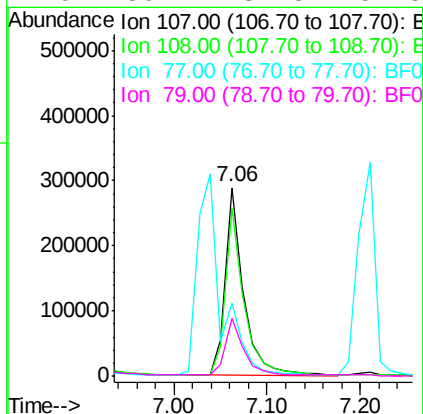
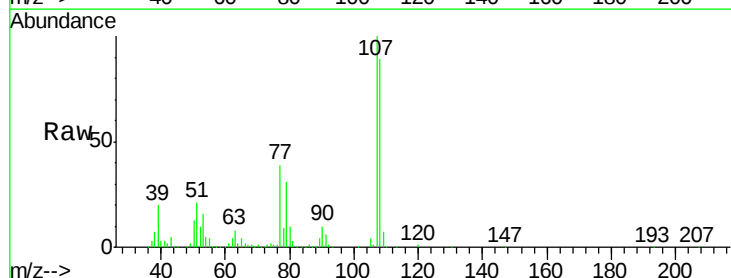
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

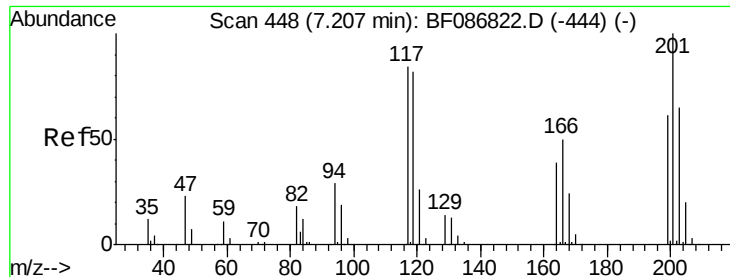
Tgt Ion: 45 Resp: 720950
Ion Ratio Lower Upper
45 100
77 33.9 0.0 36.4
79 30.8 0.0 33.4



#17
2-Methylphenol
Concen: 17.22 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 107 Resp: 395510
Ion Ratio Lower Upper
107 100
108 88.8 93.7 140.5#
77 38.6 33.4 50.0
79 30.7 34.3 51.5#

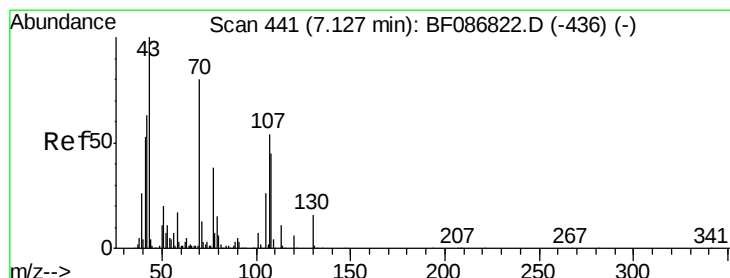
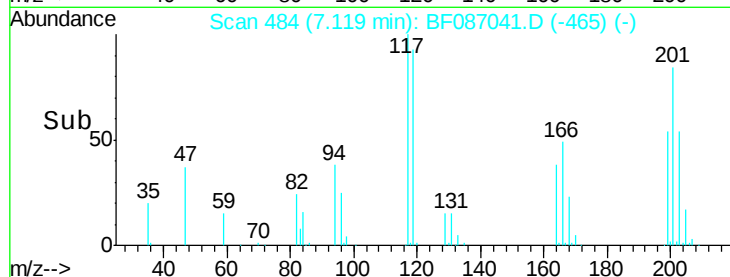
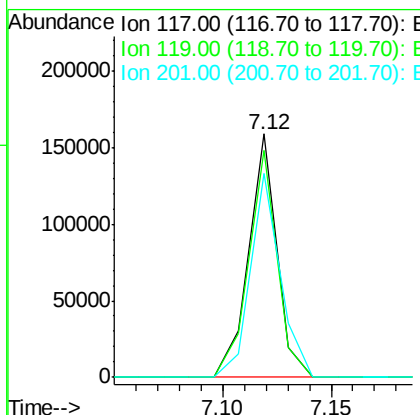
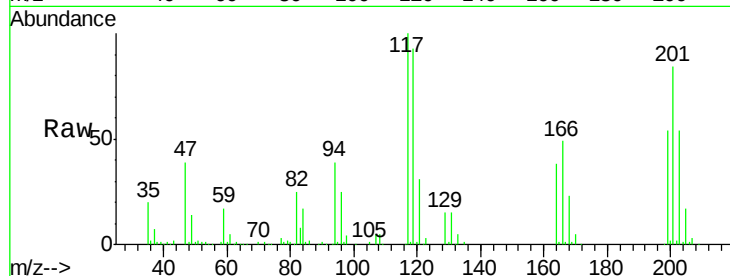




#18
Hexachloroethane
Concen: 11.94 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

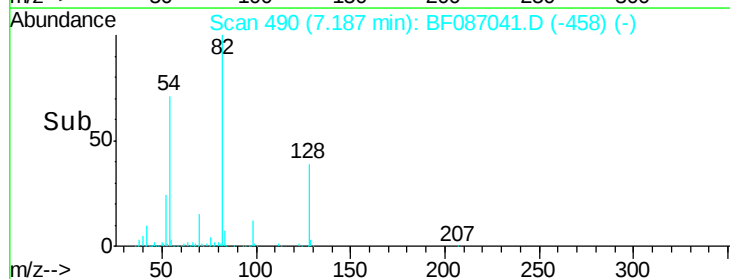
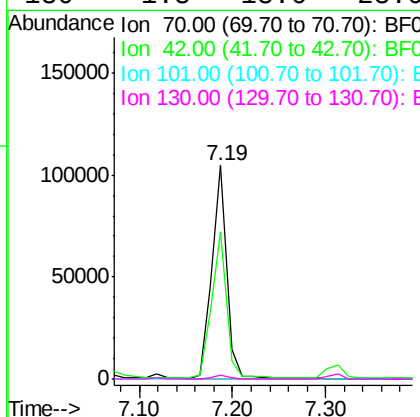
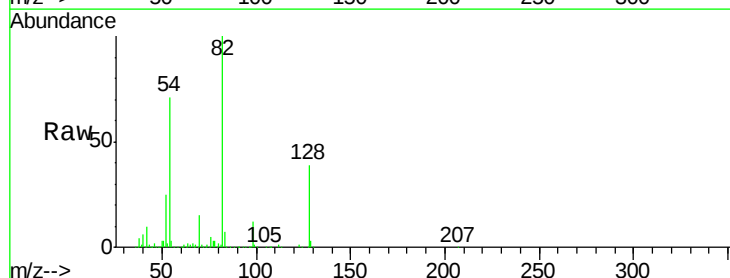
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

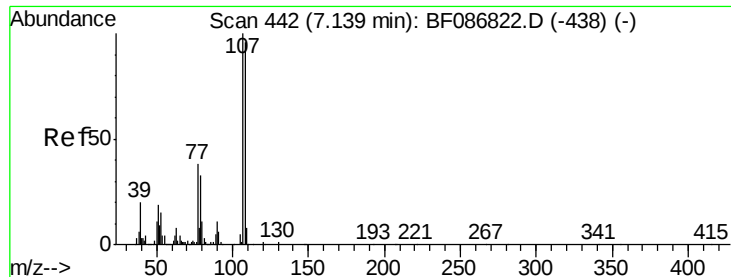
Tgt Ion: 117 Resp: 143076
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
201 83.6 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.28 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 70 Resp: 118014
Ion Ratio Lower Upper
70 100
42 68.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#





#20

3+4-Methylphenols

Concen: 13.13 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

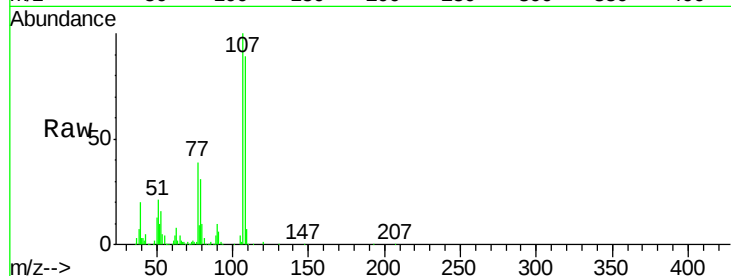
Instrument :

BNA_F

ClientSampleId :

PB90466BSD

Tgt Ion:	107	Resp:	393941
Ion Ratio	Lower	Upper	
107	100		
108	88.8	68.5	108.5
77	38.6	101.6	141.6#
79	30.7	7.4	47.4

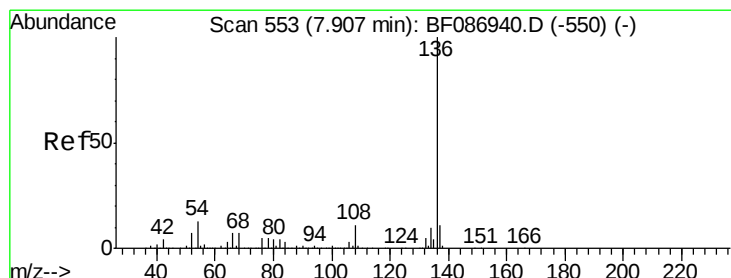
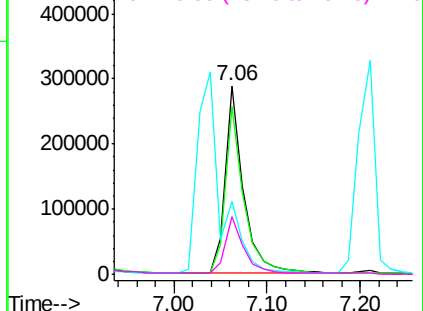
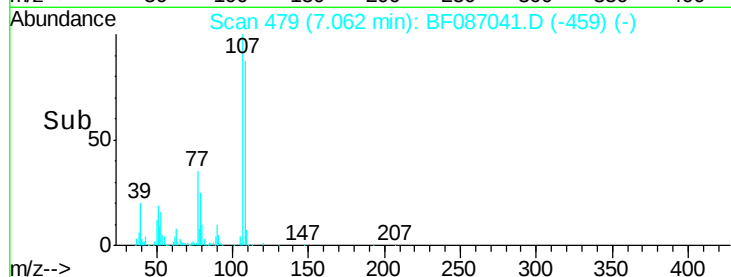


Abundance Ion 107.00 (106.70 to 107.70): E

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

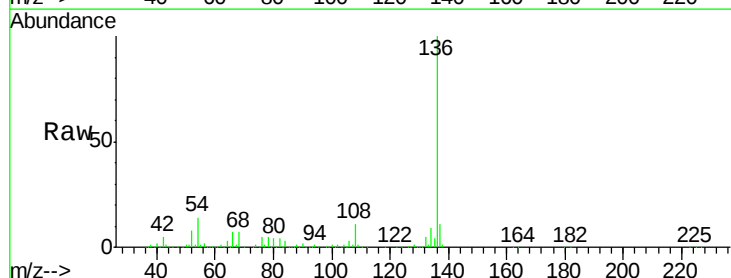
RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	136	Resp:	558446
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	14.0	5.0	7.4#
68	7.3	4.4	6.6#

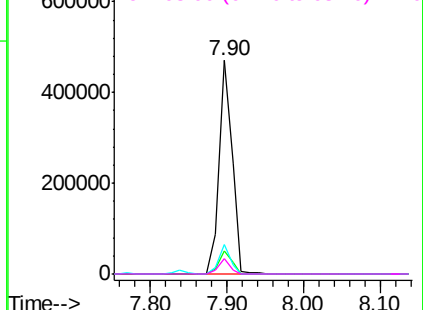
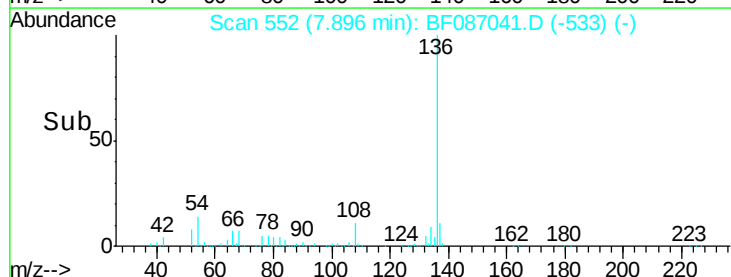


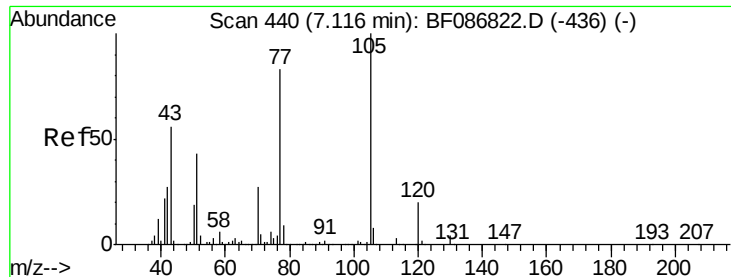
Abundance Ion 136.00 (135.70 to 136.70): E

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

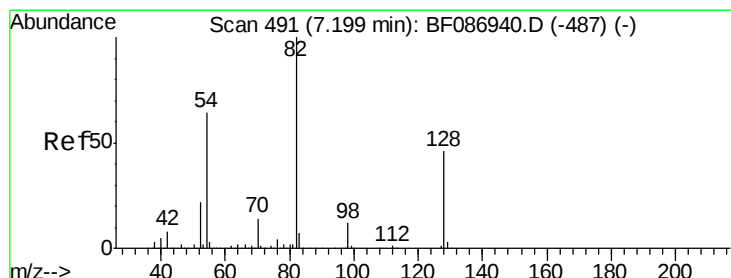
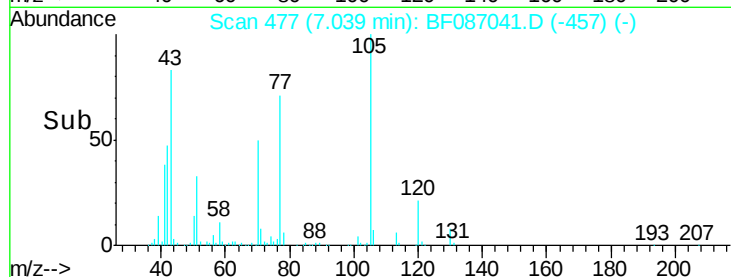
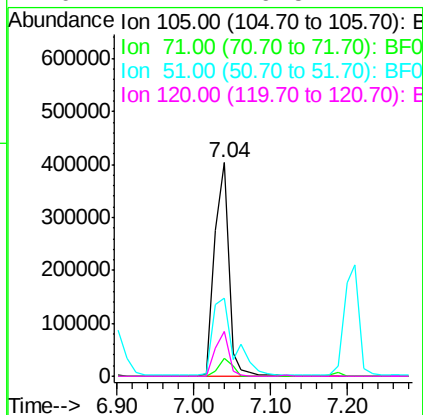
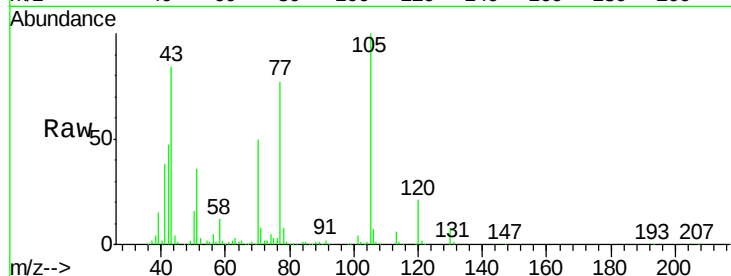




#22
Acetophenone
Concen: 39.56 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

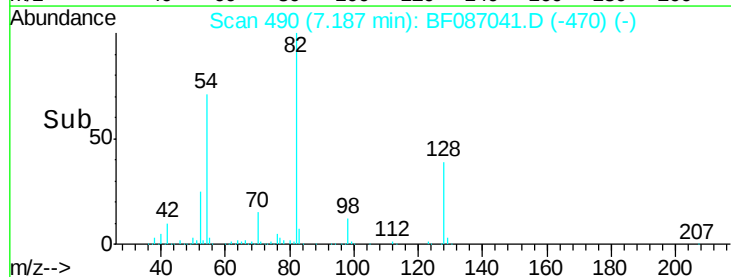
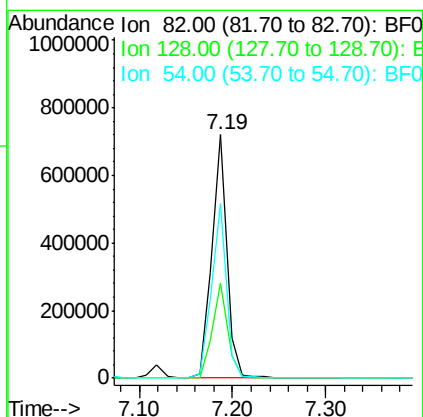
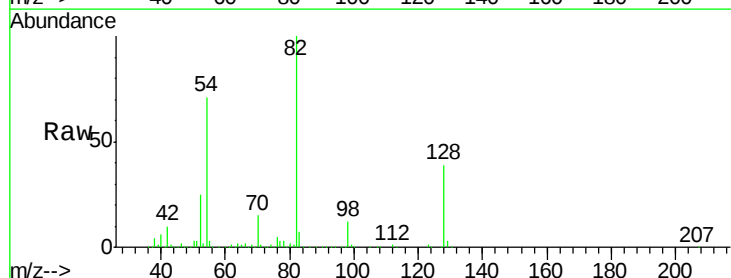
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

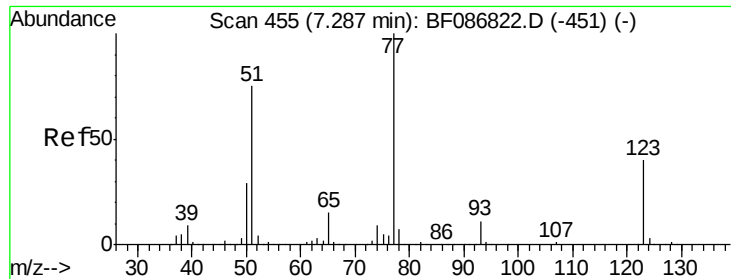
Tgt Ion: 105 Resp: 521816
Ion Ratio Lower Upper
105 100
71 8.3 4.8 7.2#
51 36.3 32.6 49.0
120 21.1 16.5 24.7



#23
Nitrobenzene-d5
Concen: 73.45 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 82 Resp: 816935
Ion Ratio Lower Upper
82 100
128 39.3 40.6 61.0#
54 71.5 38.1 57.1#





#24

Nitrobenzene

Concen: 35.46 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

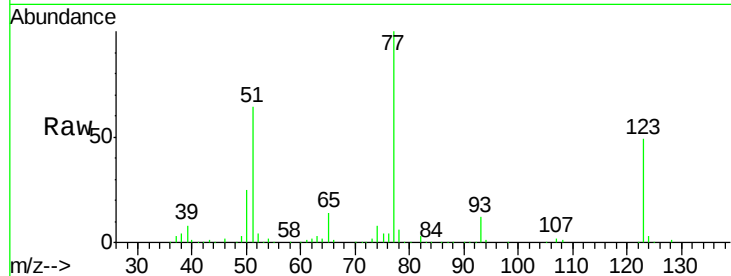
Tgt Ion: 77 Resp: 405743

Ion Ratio Lower Upper

77 100

123 49.0 33.0 49.4

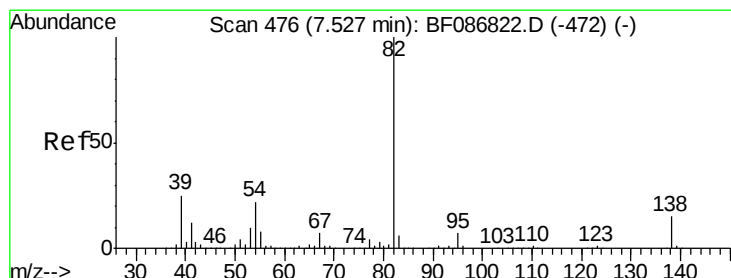
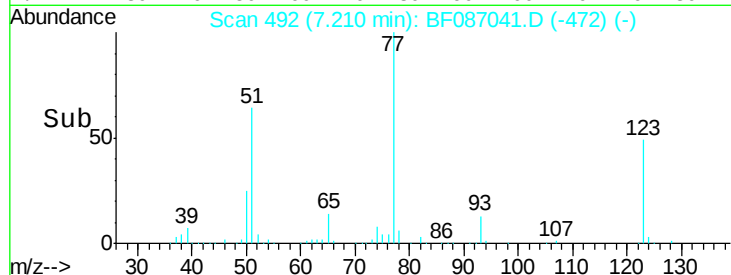
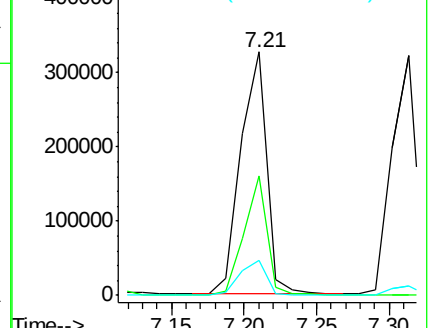
65 14.2 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 36.79 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

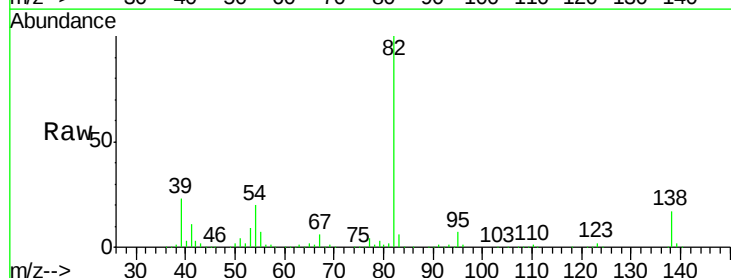
Tgt Ion: 82 Resp: 759073

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

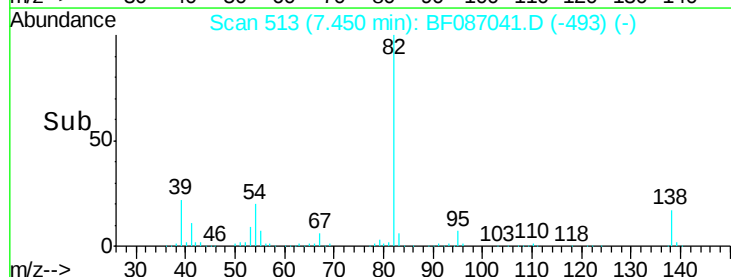
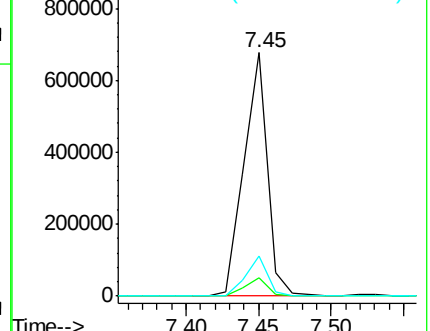
138 16.7 12.4 18.6

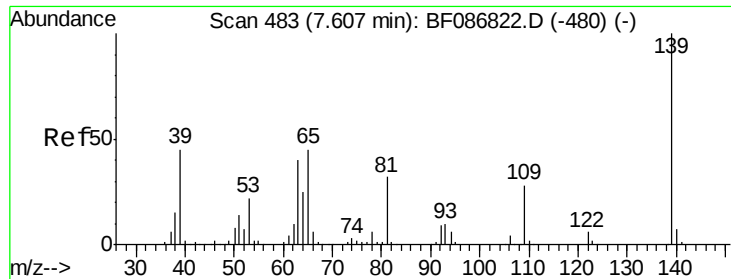


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

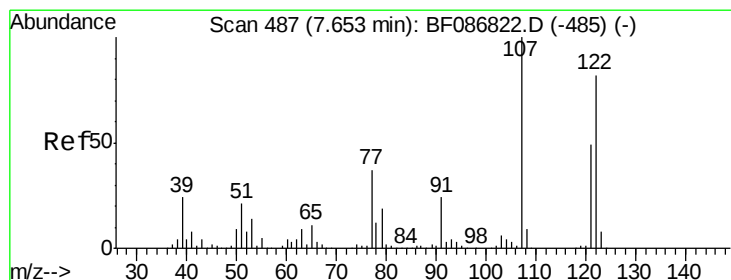
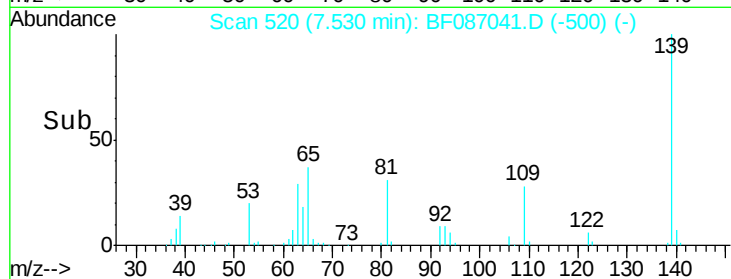
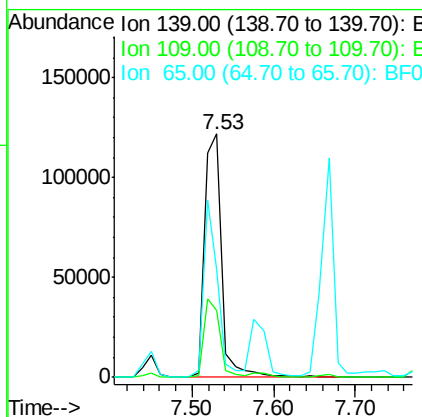
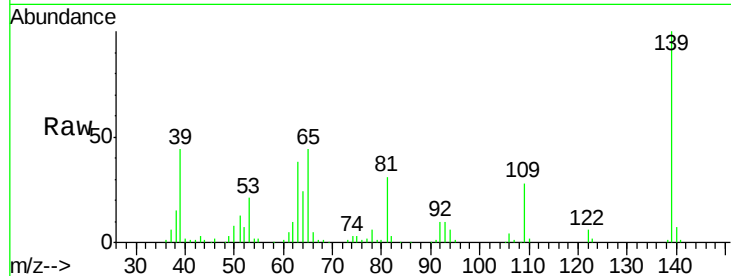




#26
 2-Nitrophenol
 Concen: 36.13 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

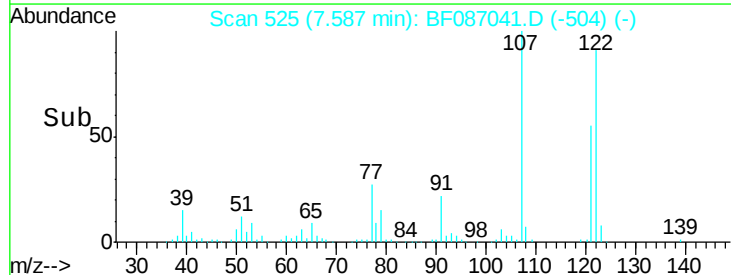
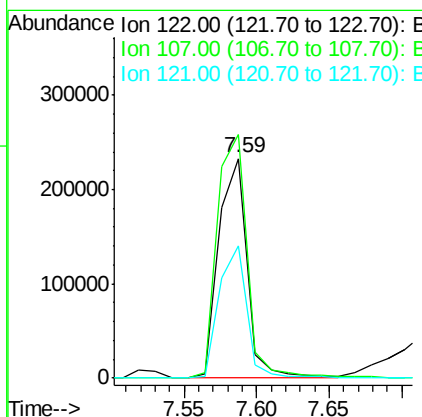
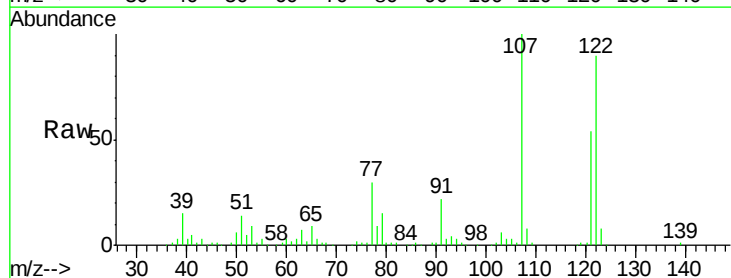
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

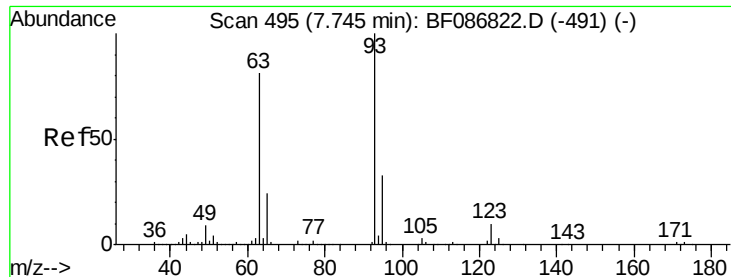
Tgt Ion:139 Resp: 181677
 Ion Ratio Lower Upper
 139 100
 109 27.5 19.5 29.3
 65 44.2 37.5 56.3



#27
 2,4-Dimethylphenol
 Concen: 36.70 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:122 Resp: 314381
 Ion Ratio Lower Upper
 122 100
 107 110.8 82.0 123.0
 121 60.2 46.1 69.1



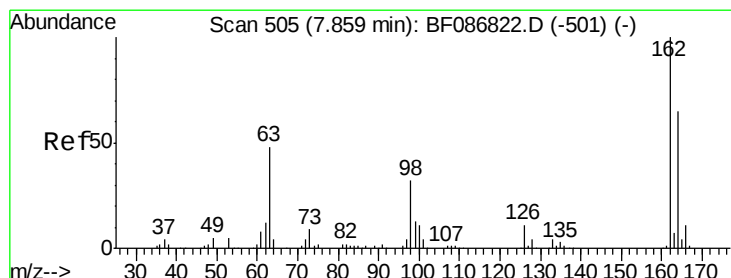
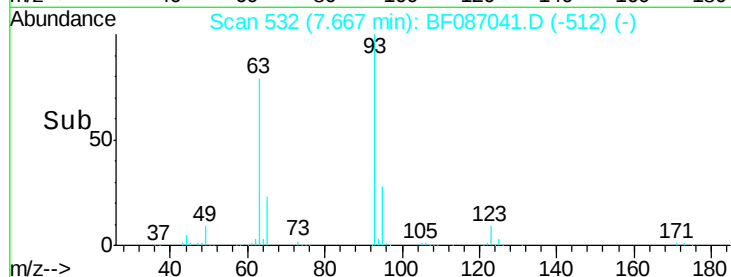
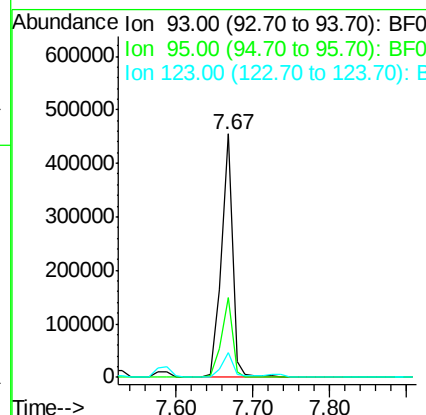
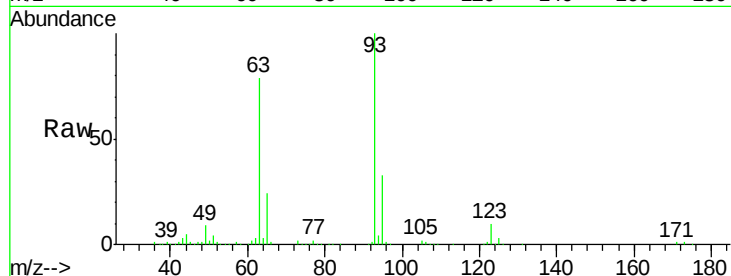


#28
bis(2-Chloroethoxy)methane
Concen: 41.30 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion: 93 Resp: 459734

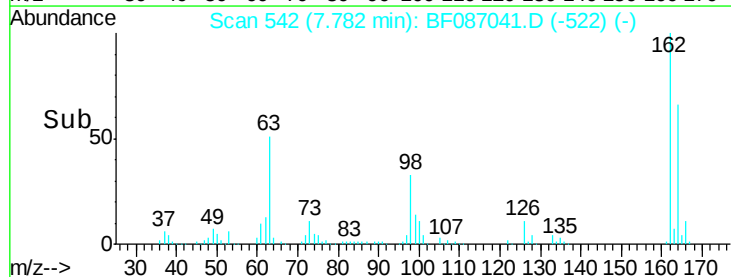
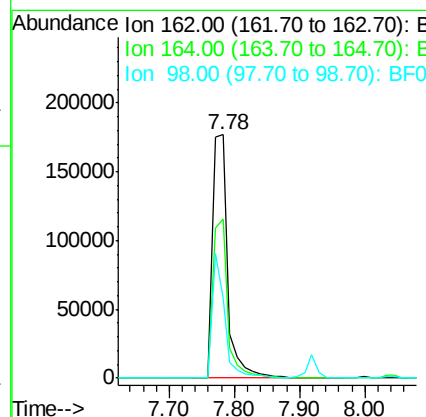
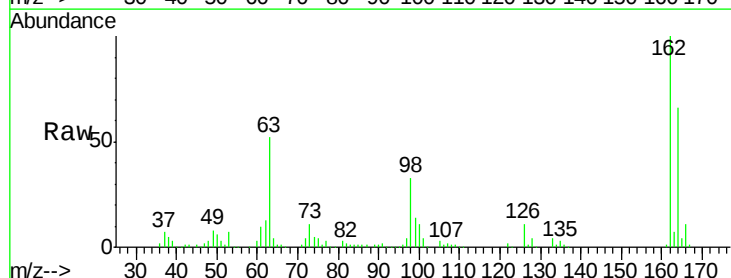
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	10.3	9.5	14.3

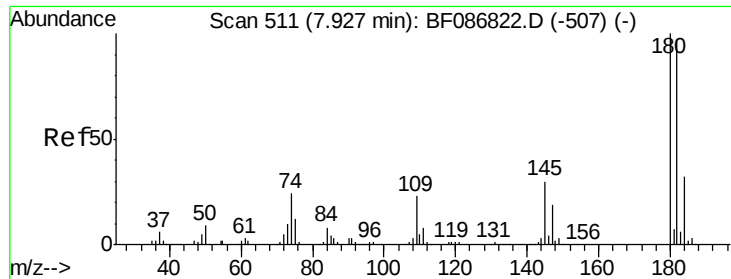


#29
2,4-Dichlorophenol
Concen: 38.68 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 162 Resp: 291667

Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.2	82.2
98	32.7	19.0	59.0

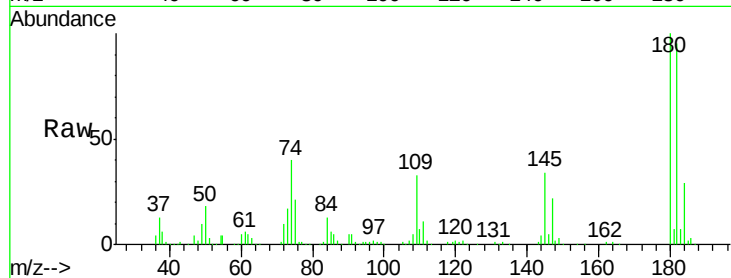




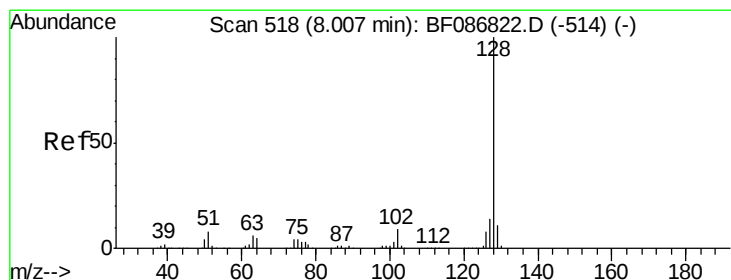
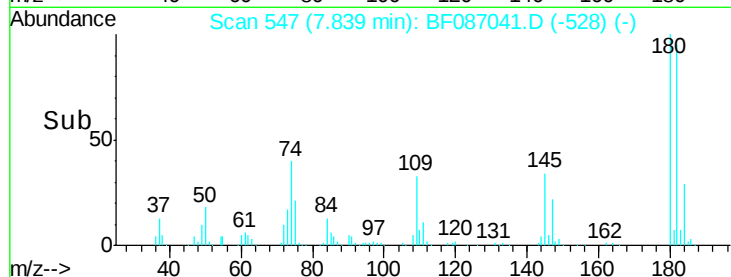
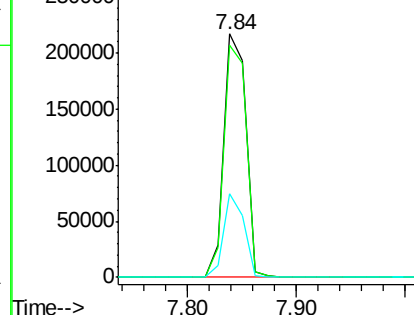
#30
 1,2,4-Trichlorobenzene
 Concen: 36.48 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion:180 Resp: 307540
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.0 117.0
 145 34.4 24.2 36.2

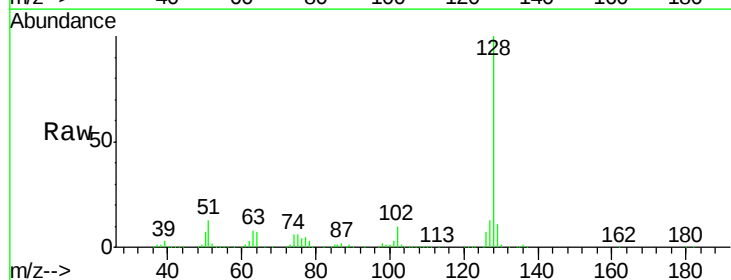


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

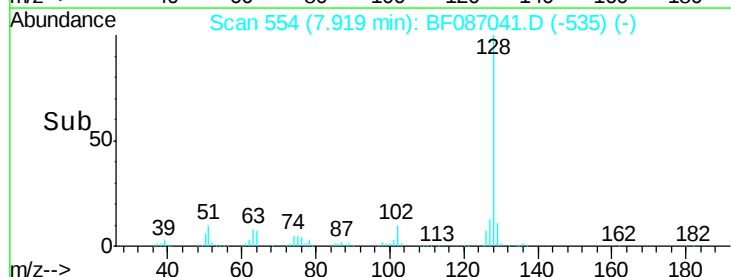
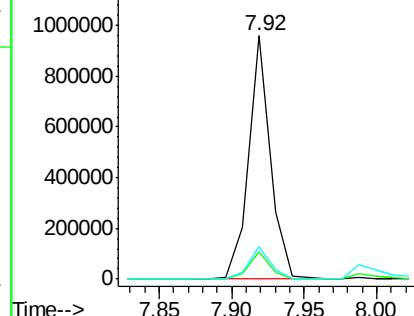


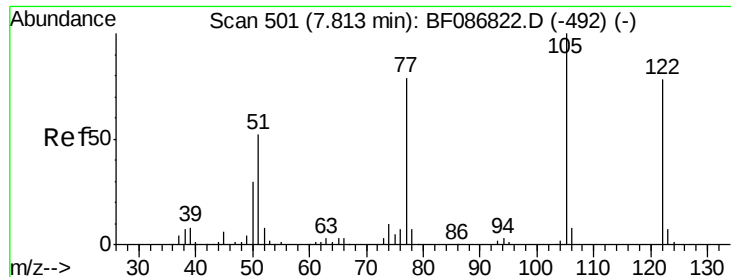
#31
 Naphthalene
 Concen: 35.74 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:128 Resp: 999700
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 13.4 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: 33.39 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

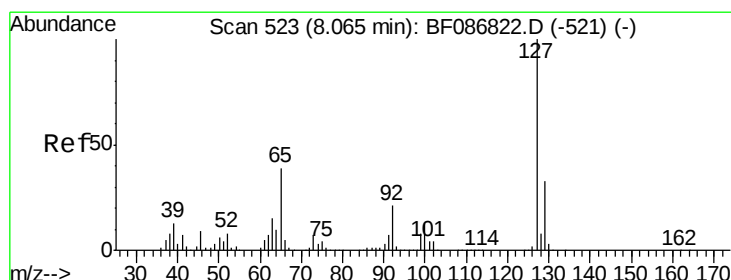
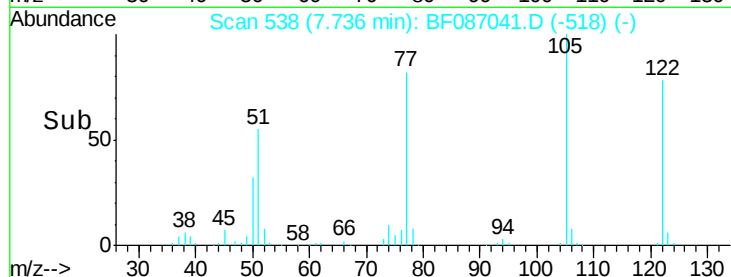
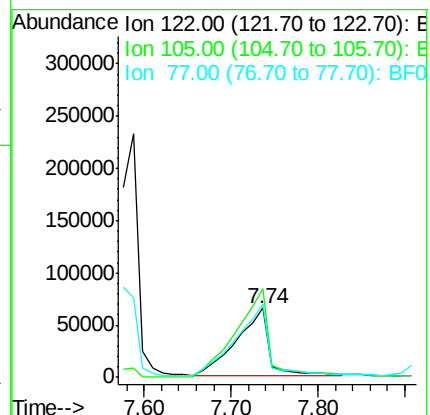
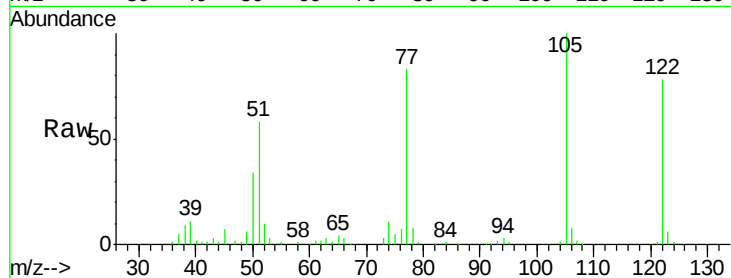
Tgt Ion:122 Resp: 168011

Ion Ratio Lower Upper

122 100

105 128.2 92.6 132.6

77 106.2 60.0 100.0#



#33

4-Chloroaniline

Concen: 9.19 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:127 Resp: 99871

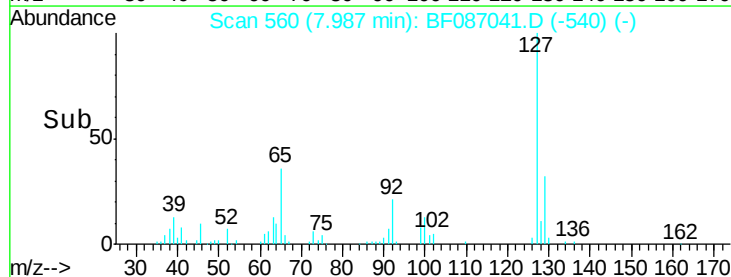
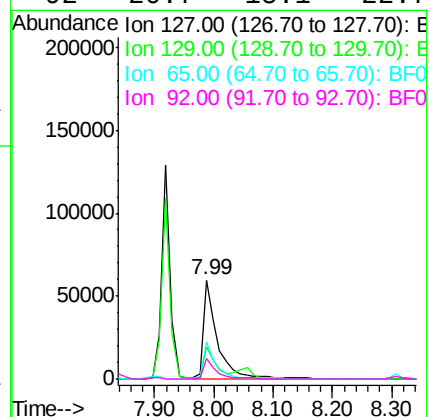
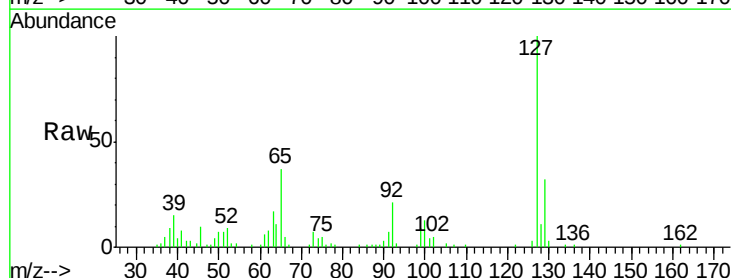
Ion Ratio Lower Upper

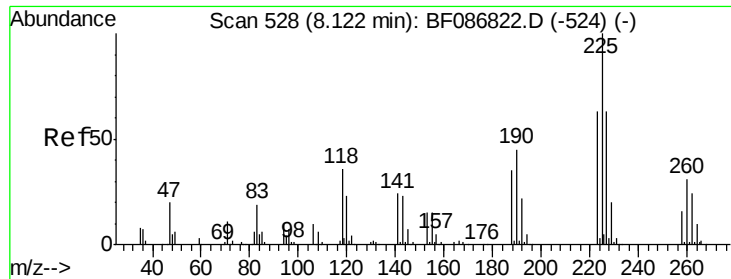
127 100

129 32.4 26.2 39.4

65 37.5 23.0 34.4#

92 20.7 15.1 22.7

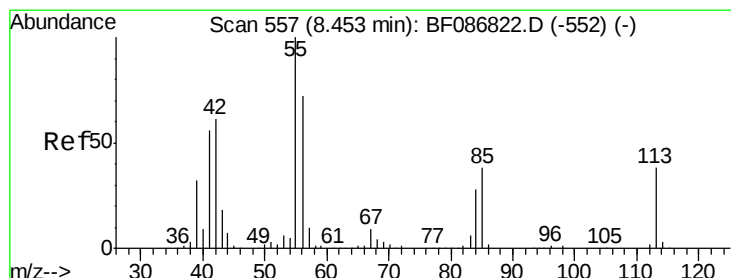
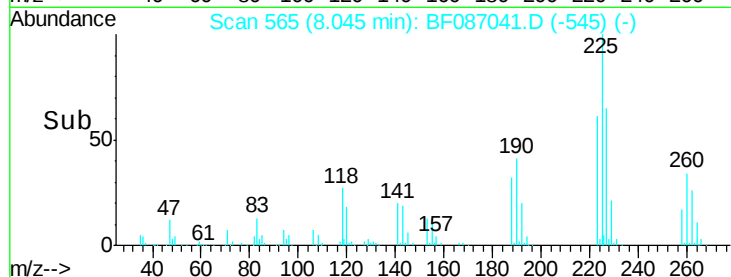
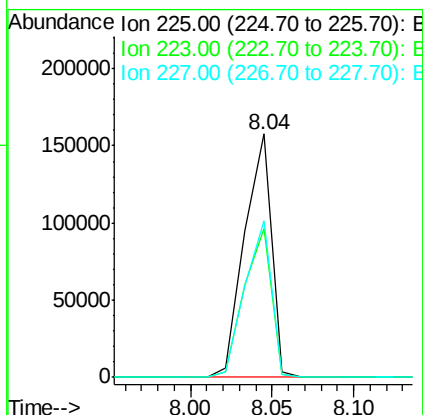
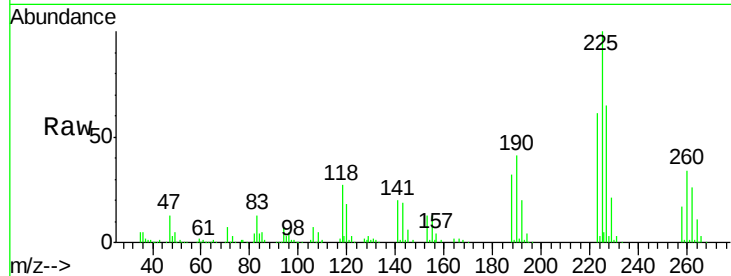




#34
Hexachlorobutadiene
Concen: 36.72 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

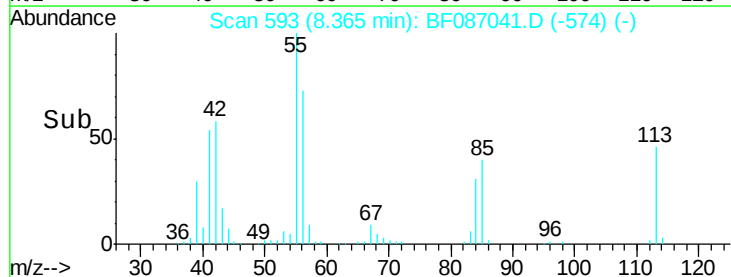
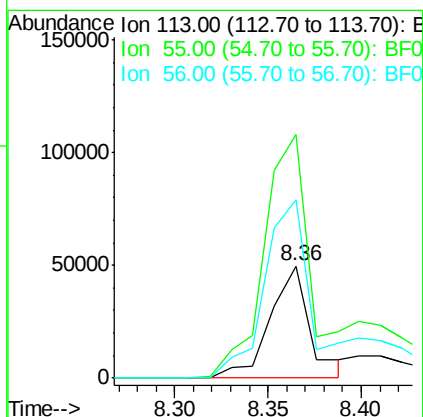
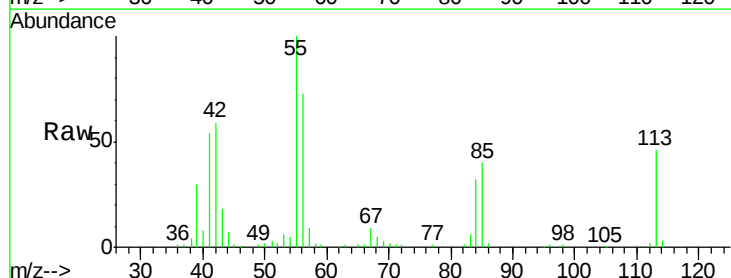
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

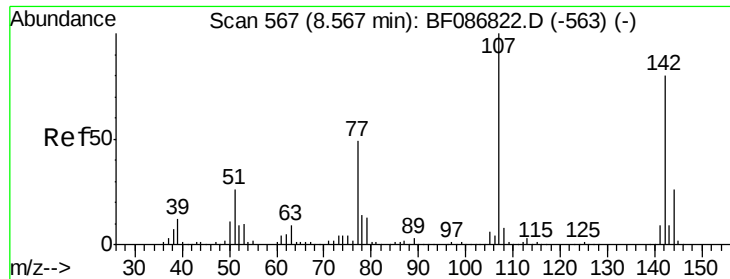
Tgt Ion: 225 Resp: 179598
Ion Ratio Lower Upper
225 100
223 61.3 51.5 77.3
227 64.5 52.2 78.2



#35
Caprolactam
Concen: 28.95 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 113 Resp: 74260
Ion Ratio Lower Upper
113 100
55 217.4 162.0 202.0#
56 159.2 115.3 155.3#

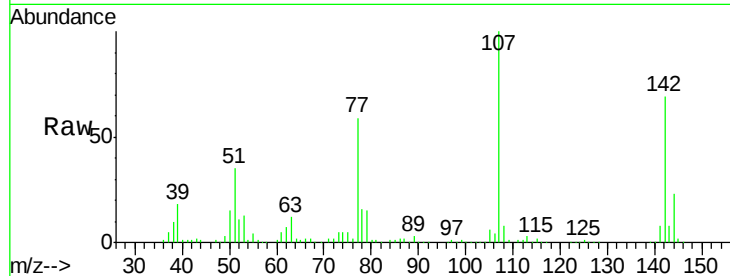




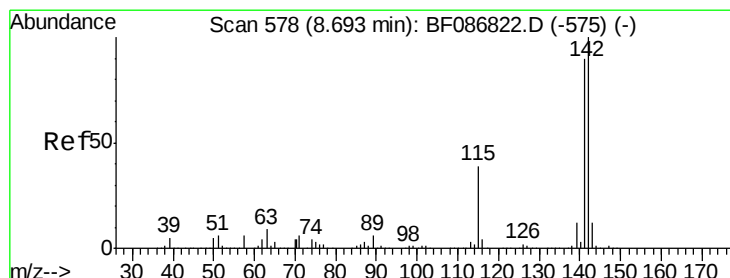
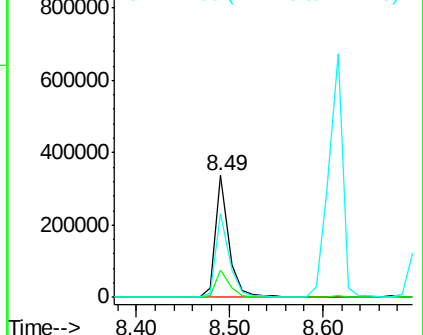
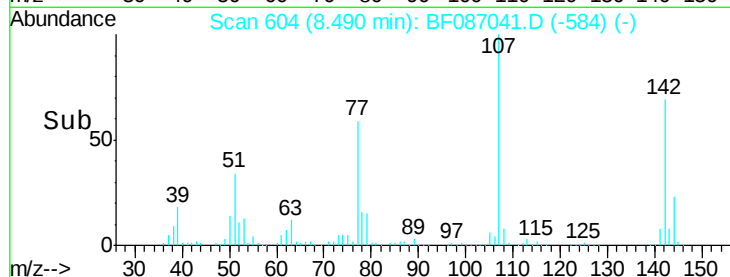
#36
 4-Chloro-3-methylphenol
 Concen: 36.94 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion:107 Resp: 337760
 Ion Ratio Lower Upper
 107 100
 144 22.5 20.7 31.1
 142 68.8 63.2 94.8

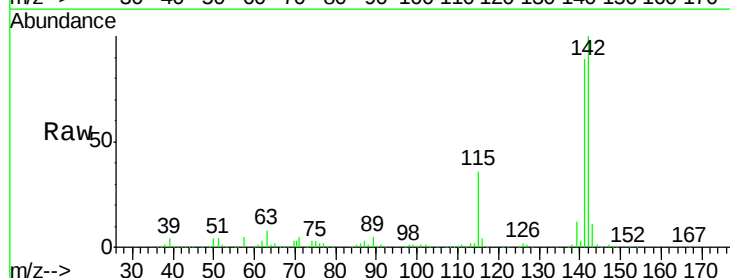


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

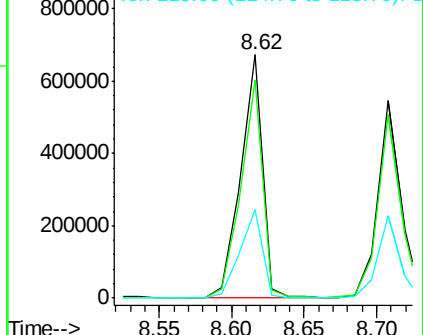
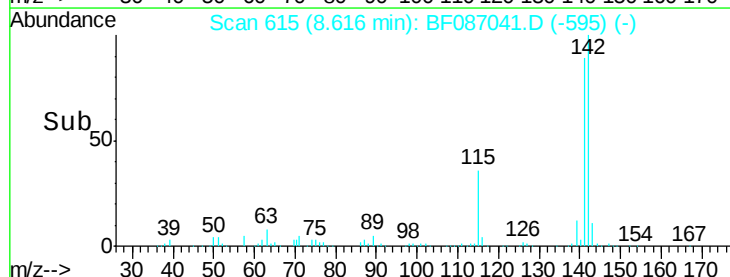


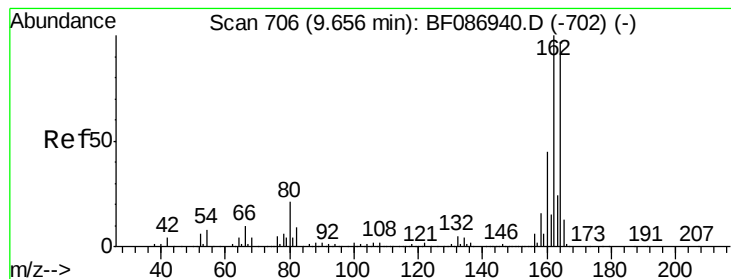
#37
 2-Methylnaphthalene
 Concen: 43.11 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:142 Resp: 704943
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 36.3 26.6 39.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

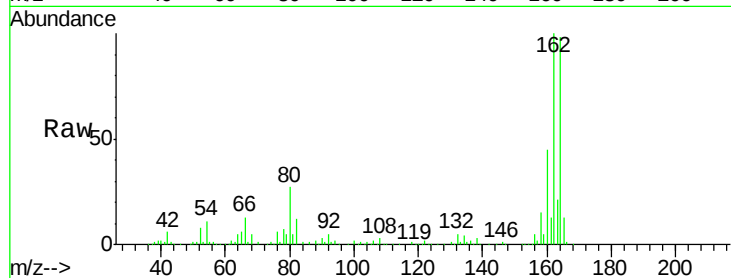
Tgt Ion:164 Resp: 266915

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

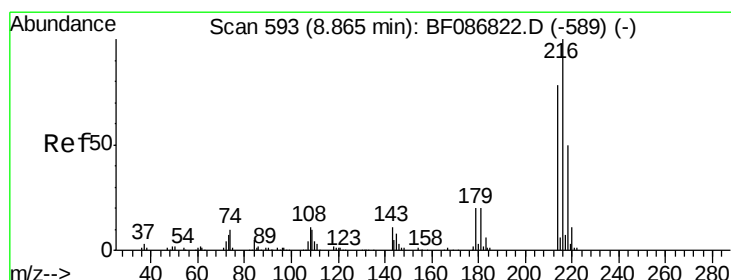
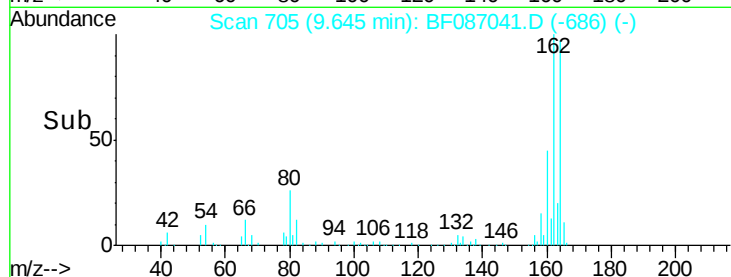
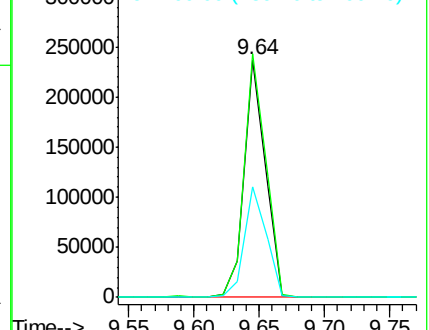
160 46.4 36.9 55.3



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: 34.71 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:216 Resp: 269405

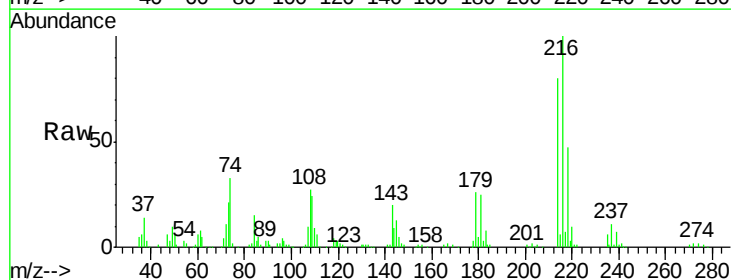
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 23.4 18.2 27.4

108 26.3 17.5 26.3#

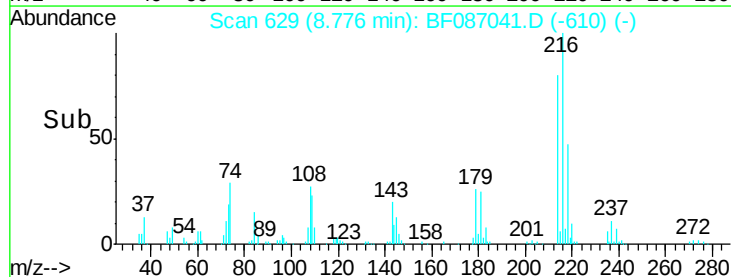
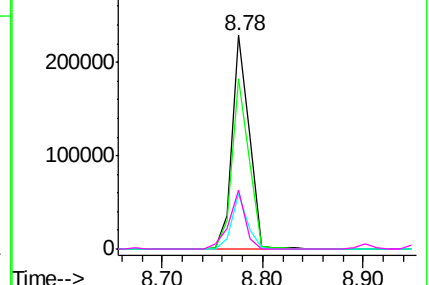


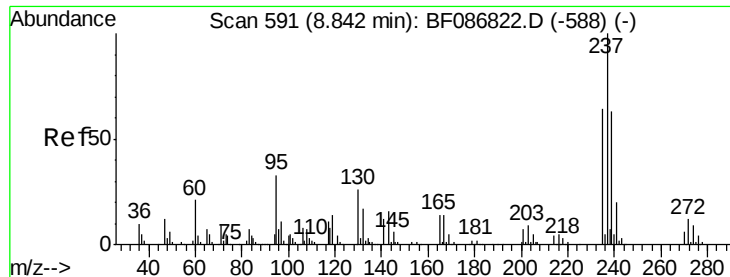
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

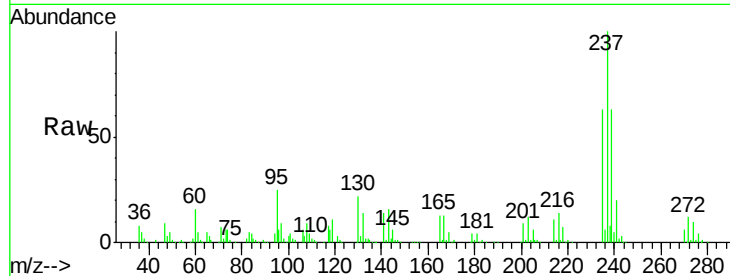




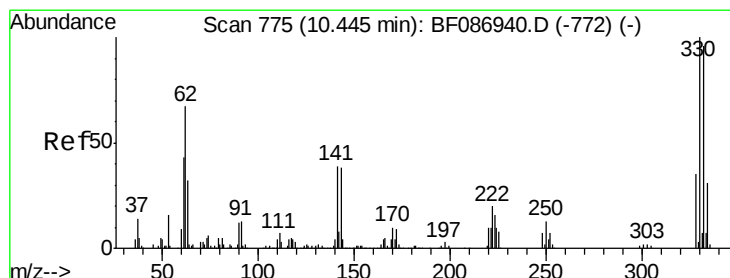
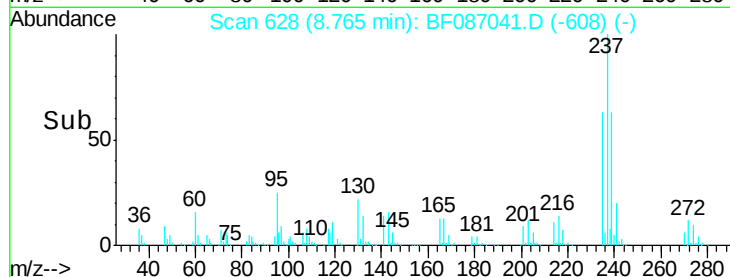
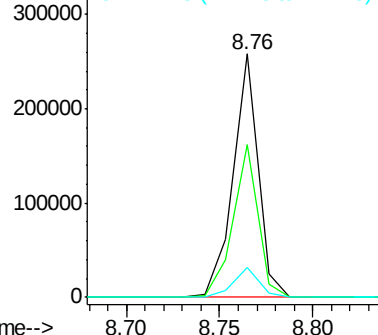
#40
Hexachlorocyclopentadiene
Concen: 64.56 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion: 237 Resp: 237826
Ion Ratio Lower Upper
237 100
235 62.9 47.2 87.2
272 12.4 0.0 31.1

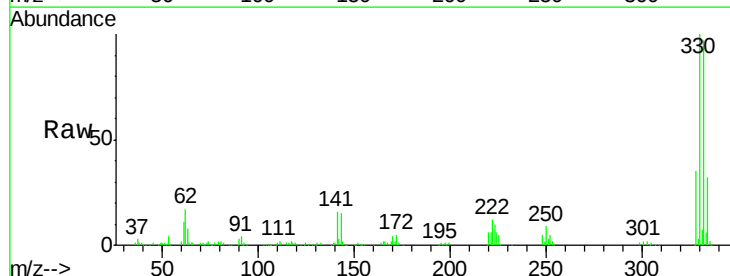


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

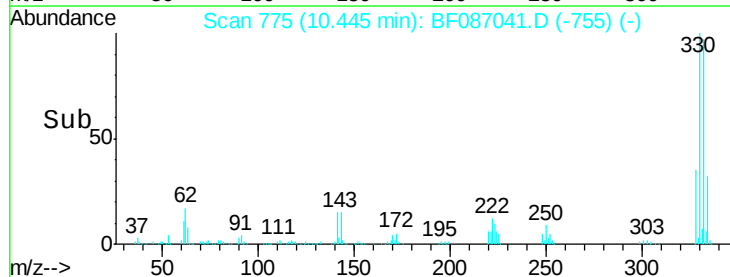
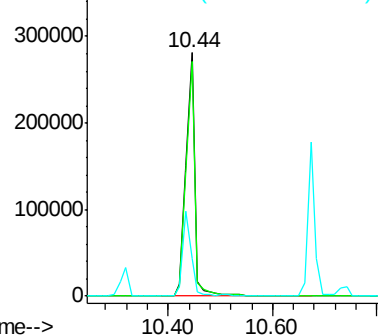


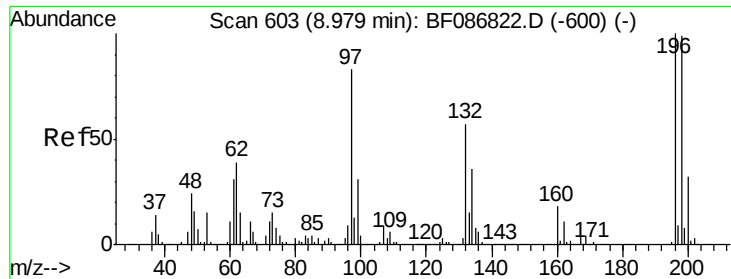
#41
2,4,6-Tribromophenol
Concen: 119.88 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 330 Resp: 338752
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.2 31.2 46.8



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

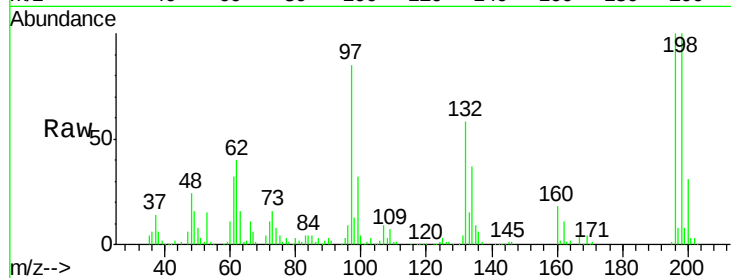




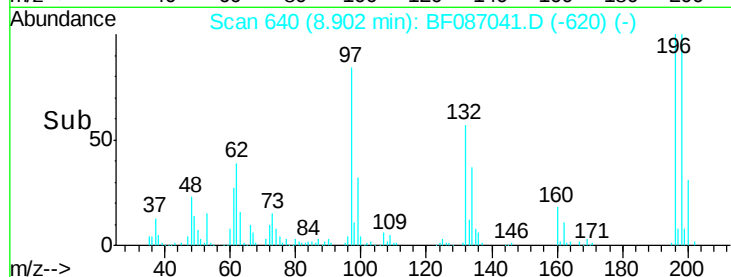
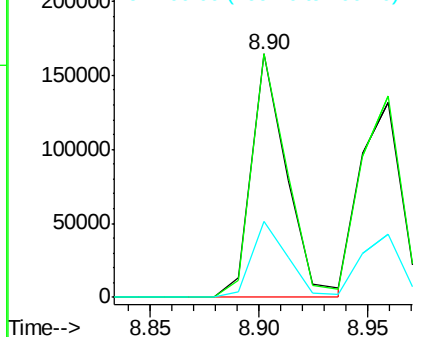
#42
 2,4,6-Trichlorophenol
 Concen: 35.88 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion:196 Resp: 186217
 Ion Ratio Lower Upper
 196 100
 198 100.0 74.7 112.1
 200 31.1 23.8 35.6



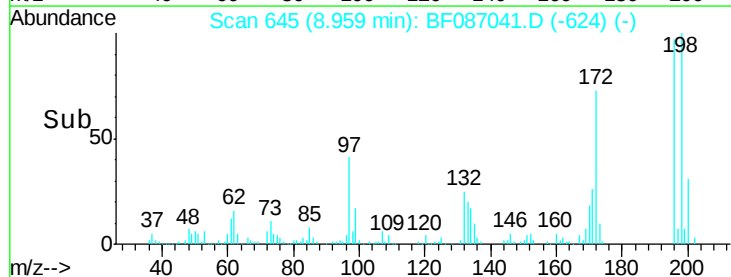
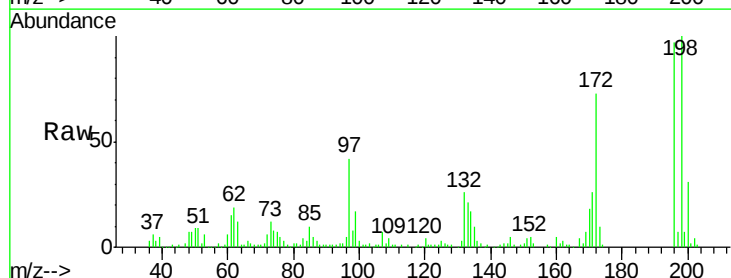
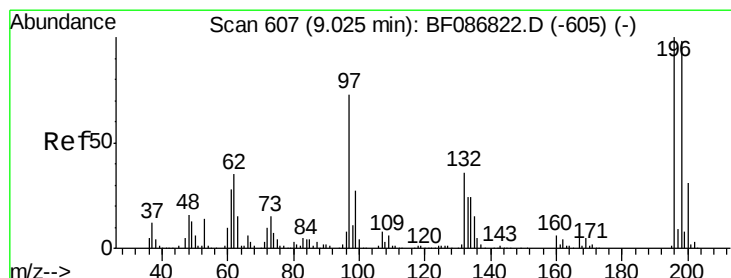
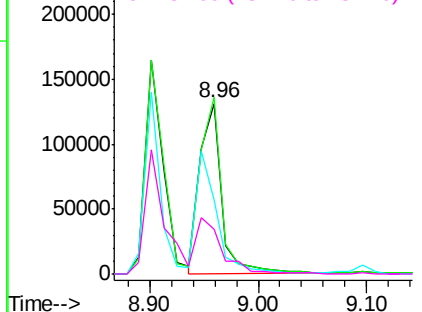
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

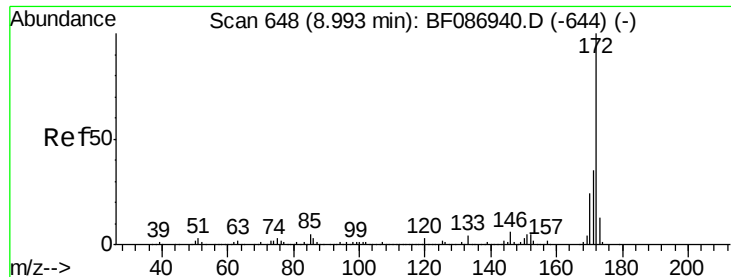


#43
 2,4,5-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:196 Resp: 186390
 Ion Ratio Lower Upper
 196 100
 198 103.3 77.5 116.3
 97 43.3 34.8 52.2
 132 26.4 23.0 34.4

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

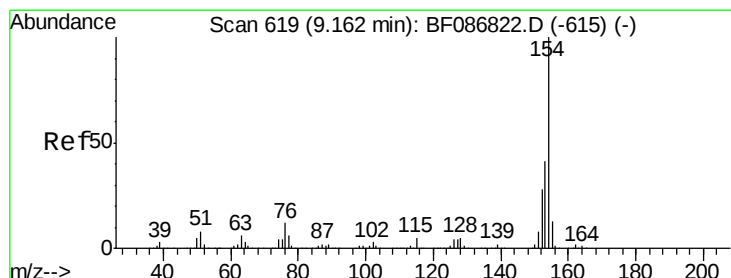
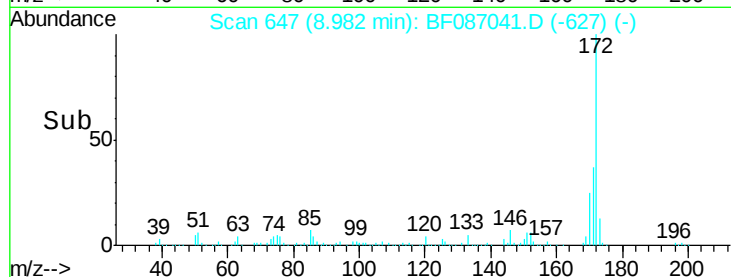
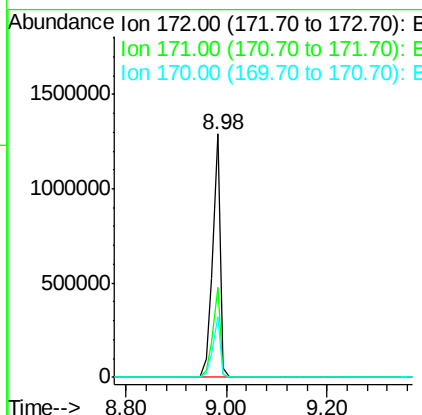
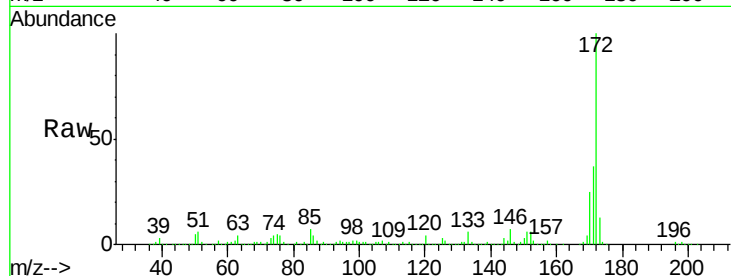




#44
 2-Fluorobiphenyl
 Concen: 85.91 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

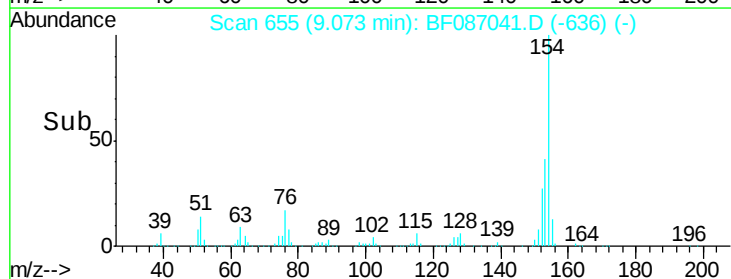
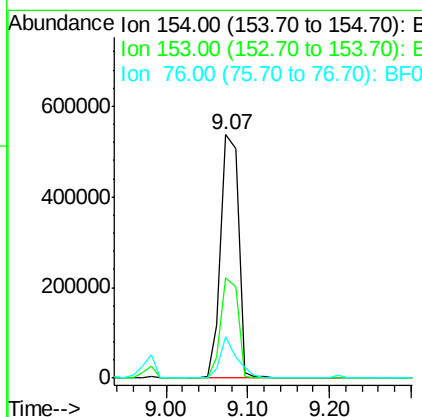
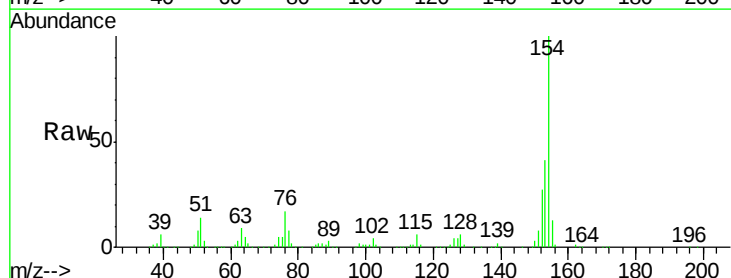
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

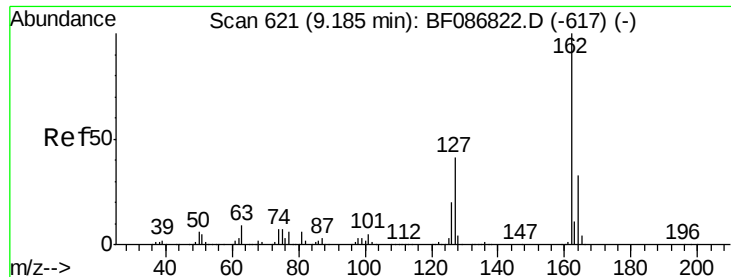
Tgt Ion:172 Resp: 1364372
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.8 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 38.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:154 Resp: 817334
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 17.2 0.0 30.2

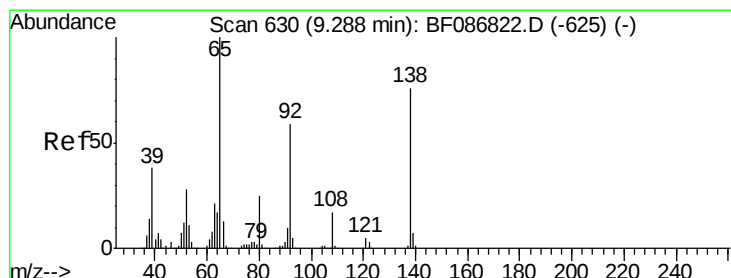
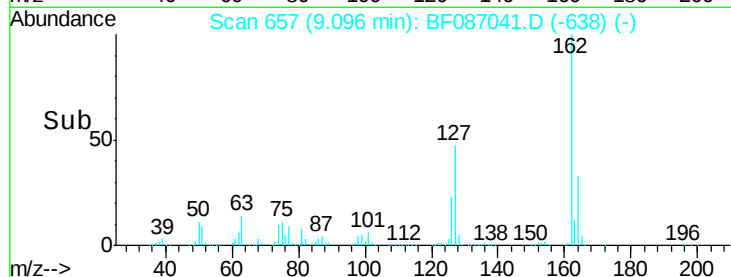
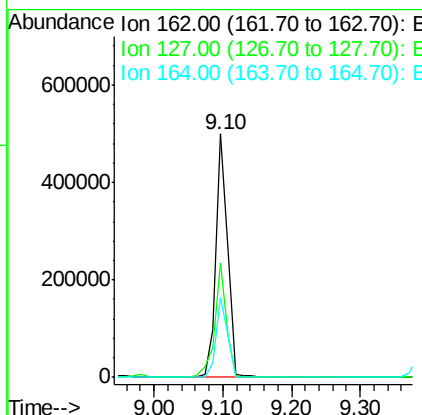
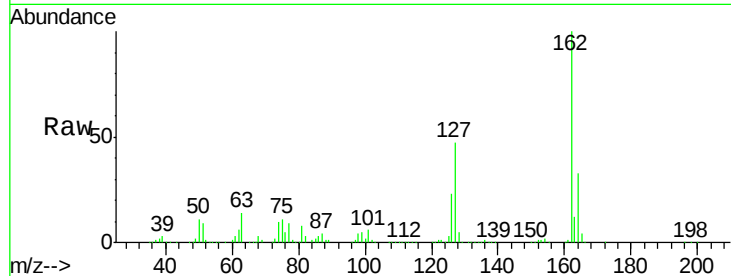




#46
 2-Chloronaphthalene
 Concen: 36.34 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

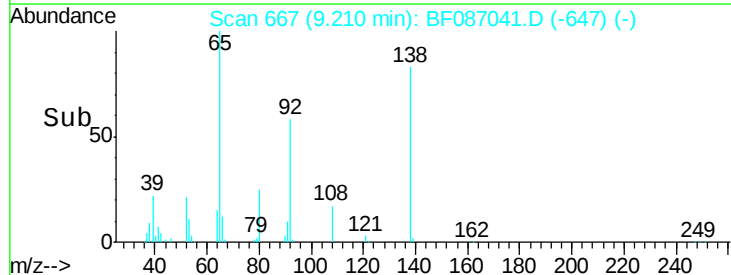
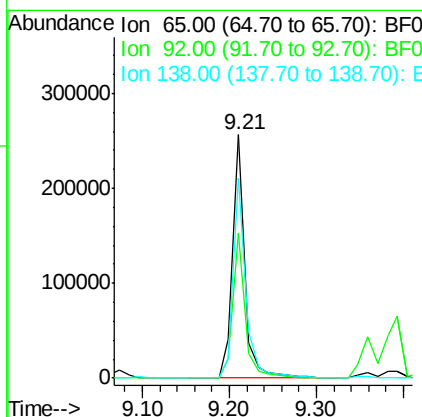
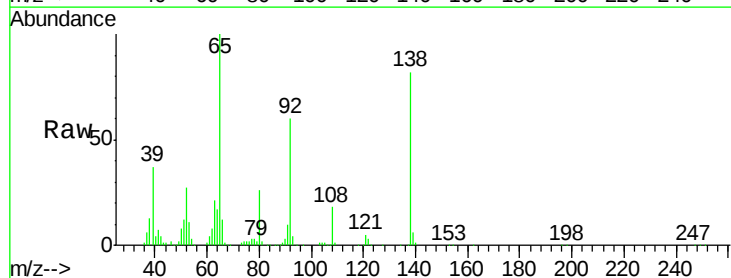
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

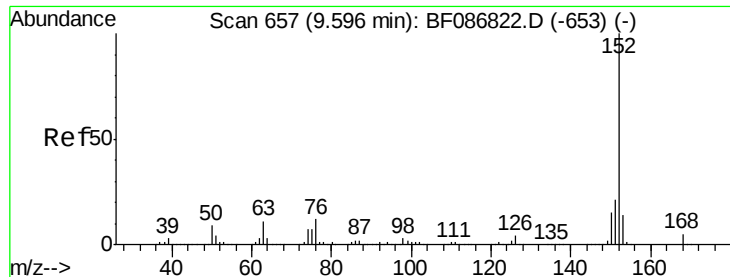
Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	31.8	47.6
164	32.6	27.0	40.6



#47
 2-Nitroaniline
 Concen: 41.29 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.7	57.4	86.2
138	82.0	90.1	135.1#





#48

Acenaphthylene

Concen: 38.08 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

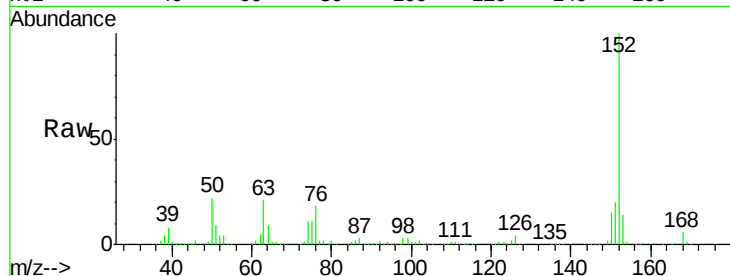
Tgt Ion:152 Resp: 931650

Ion Ratio Lower Upper

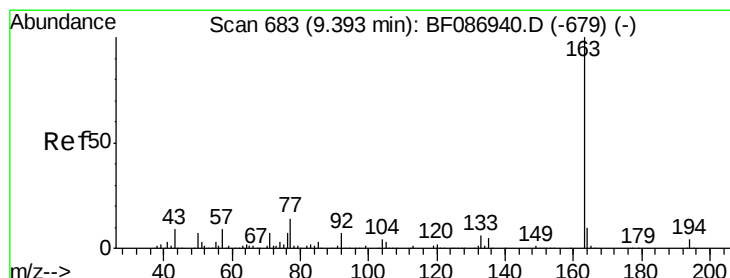
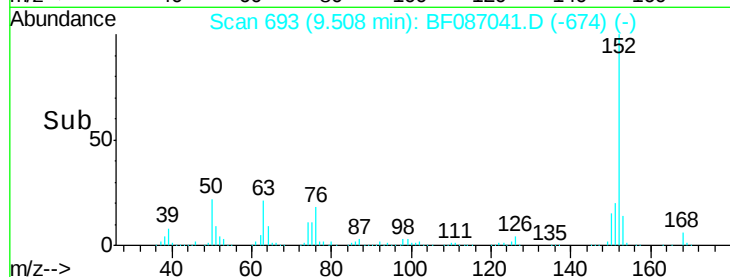
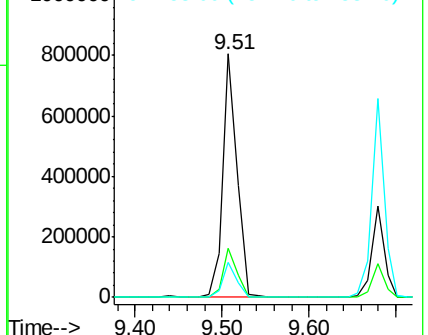
152 100

151 20.3 16.8 25.2

153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.85 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

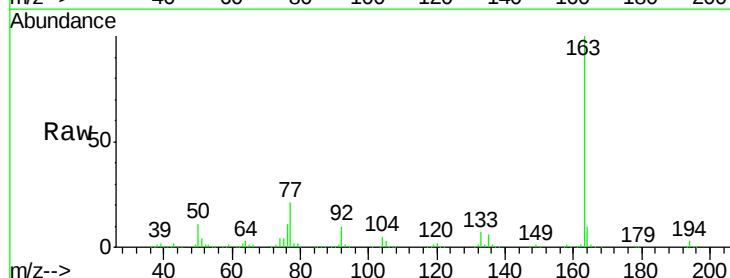
Tgt Ion:163 Resp: 791207

Ion Ratio Lower Upper

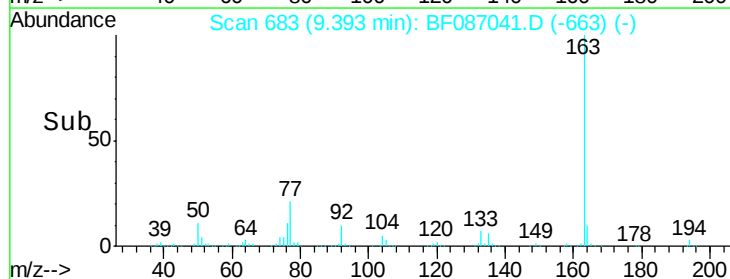
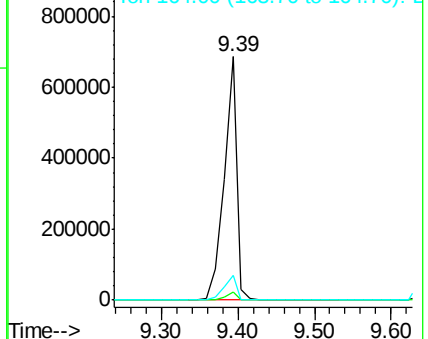
163 100

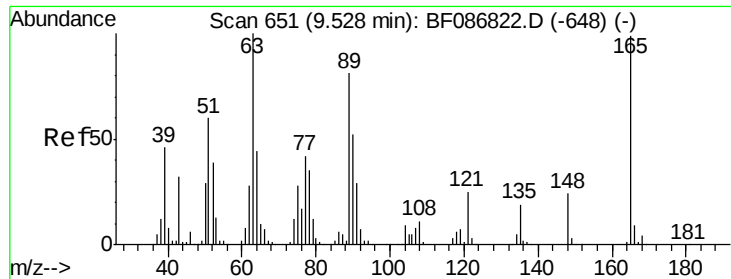
194 3.4 2.6 4.0

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

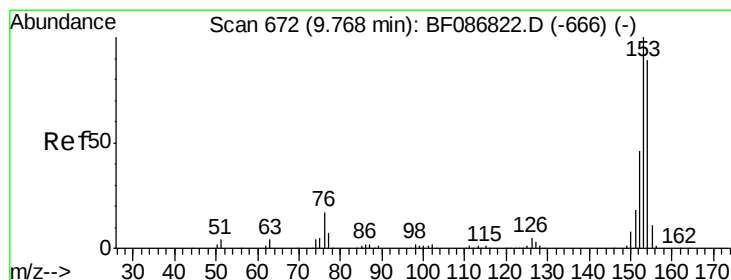
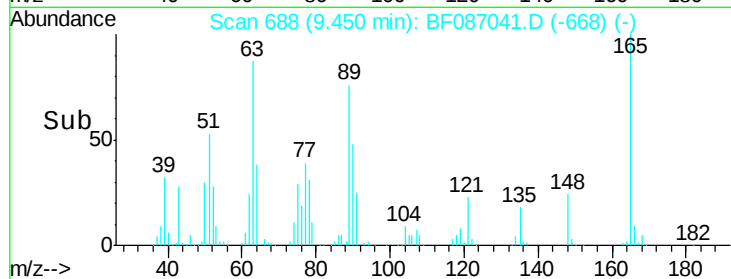
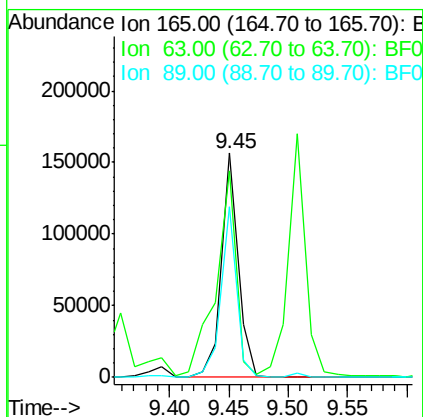
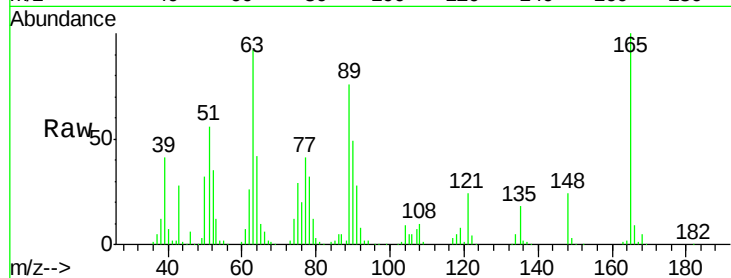




#50
 2,6-Dinitrotoluene
 Concen: 35.86 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

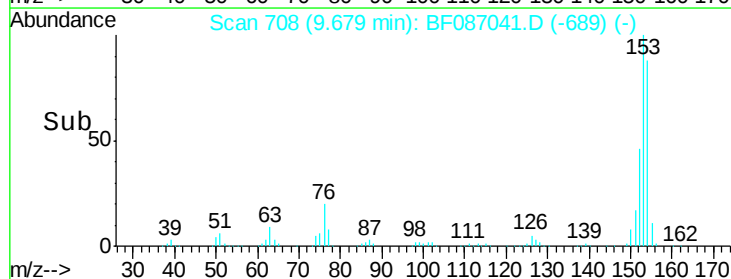
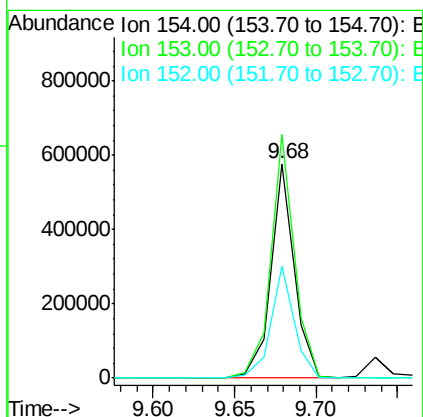
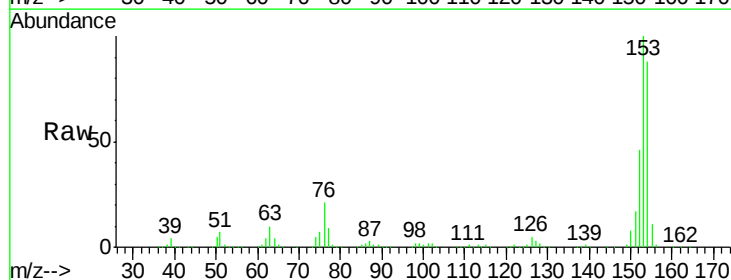
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

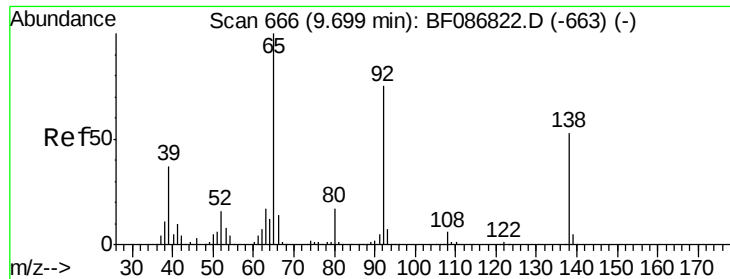
Tgt Ion:165 Resp: 153695
 Ion Ratio Lower Upper
 165 100
 63 91.9 51.8 77.8#
 89 76.3 50.7 76.1#



#51
 Acenaphthene
 Concen: 37.99 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:154 Resp: 578255
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.8 134.6
 152 52.1 43.4 65.0

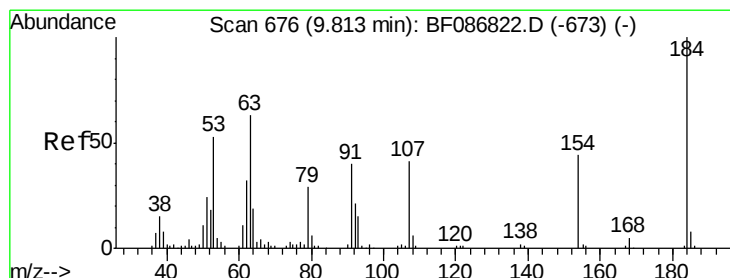
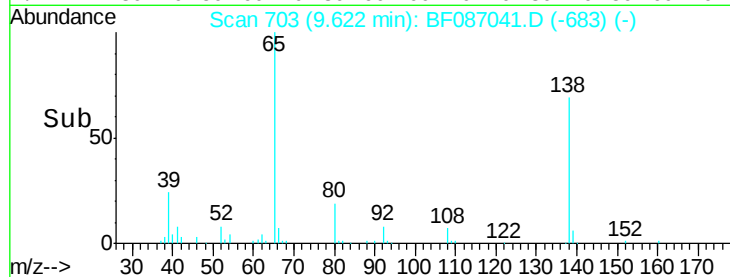
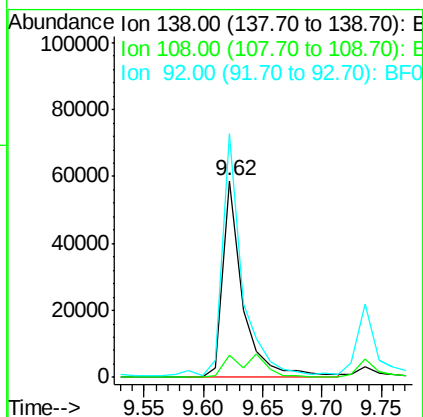
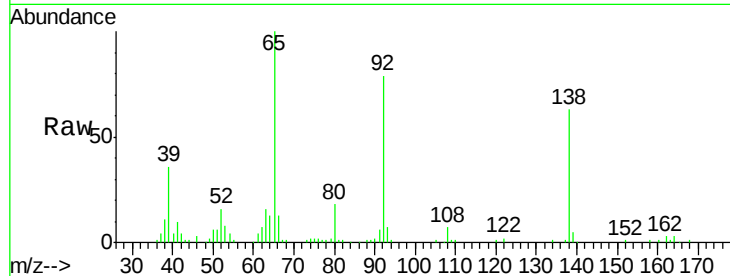




#52
 3-Nitroaniline
 Concen: 15.08 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

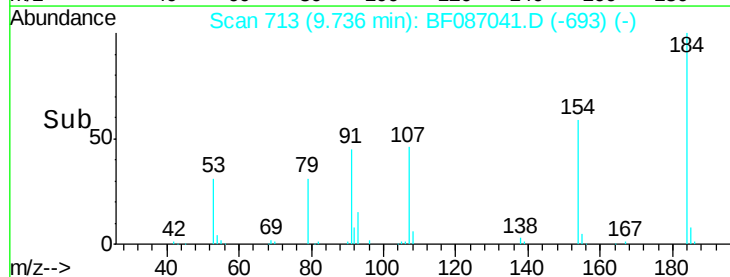
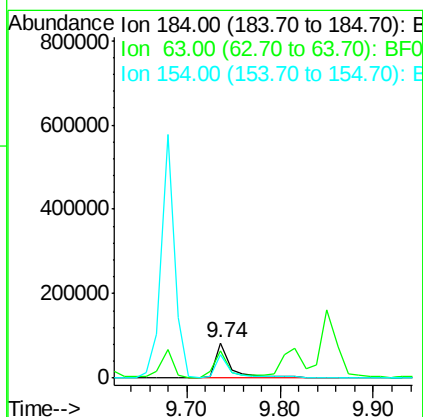
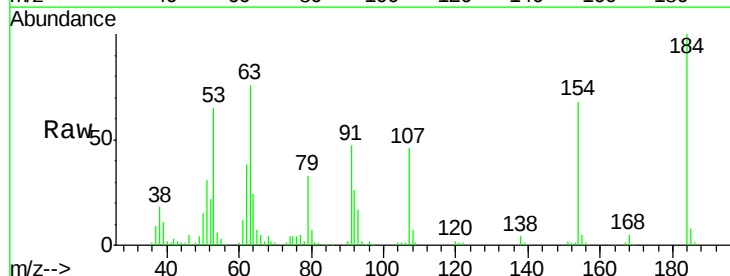
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

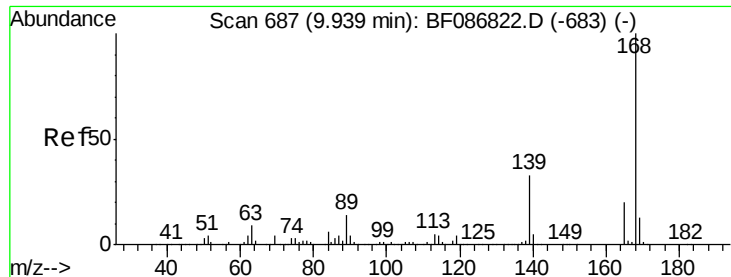
Tgt Ion:138 Resp: 68036
 Ion Ratio Lower Upper
 138 100
 108 11.0 7.8 11.6
 92 124.0 87.8 131.8



#53
 2,4-Dinitrophenol
 Concen: 48.57 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:184 Resp: 99060
 Ion Ratio Lower Upper
 184 100
 63 76.2 55.8 83.8
 154 67.7 62.4 93.6

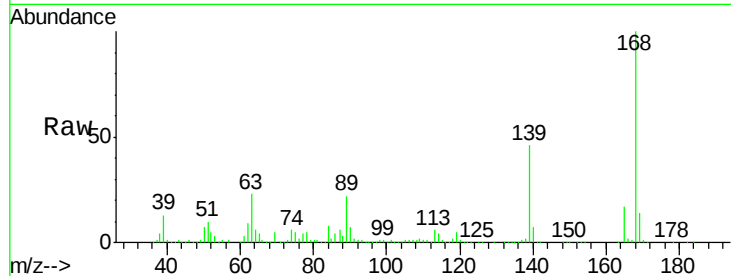




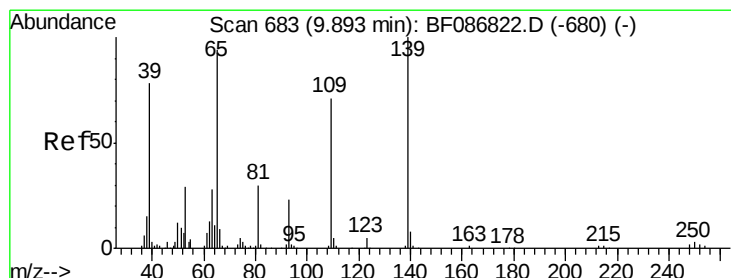
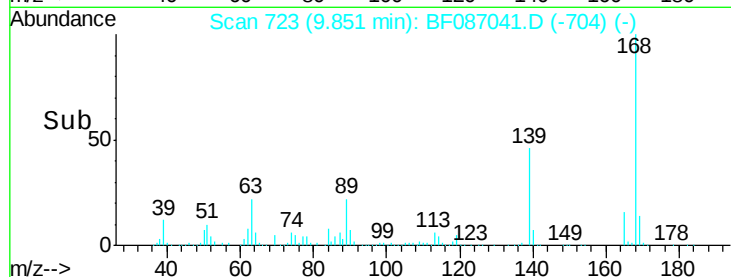
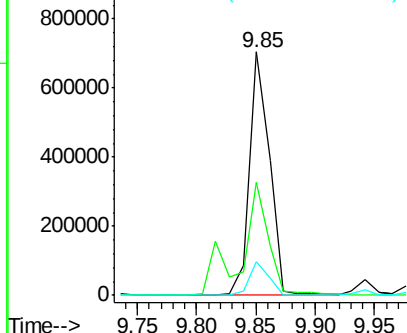
#54
Dibenzofuran
Concen: 42.46 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.2	31.4	47.0
169	13.9	10.7	16.1

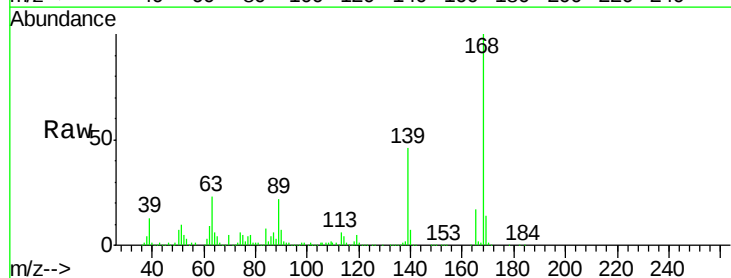


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

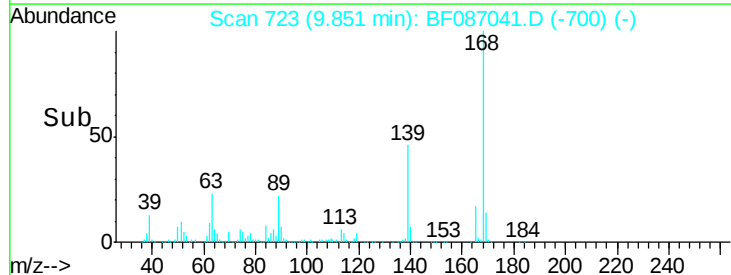
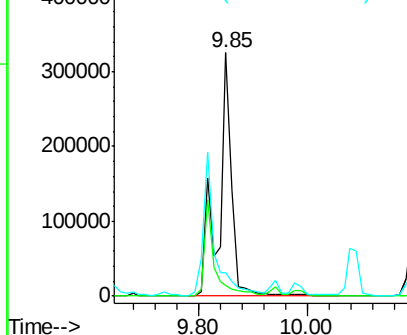


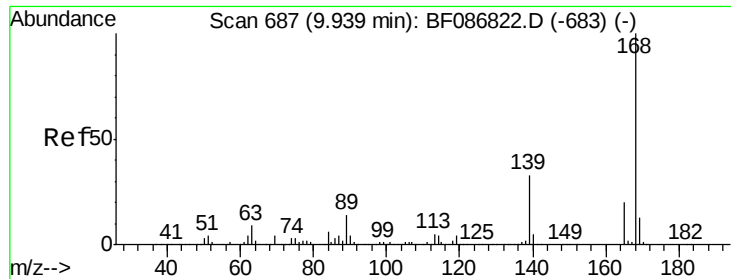
#55
4-Nitrophenol
Concen: 178.68 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	4.3	36.9	76.9#
65	9.7	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

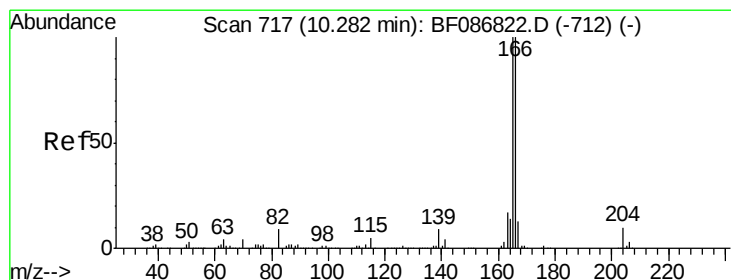
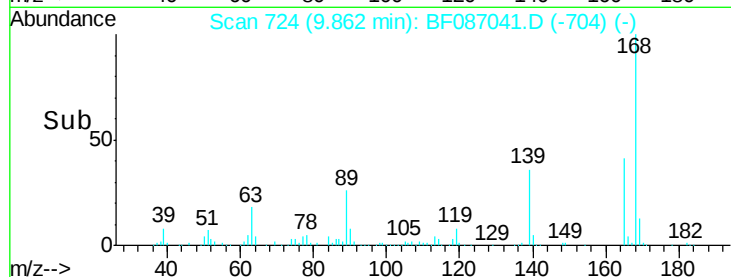
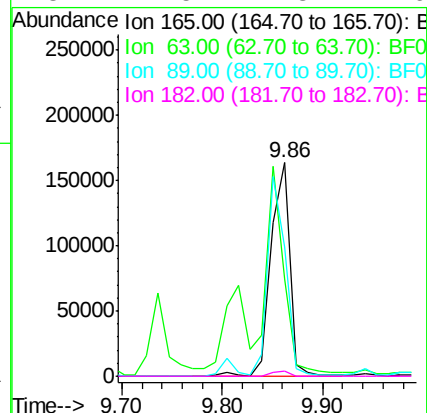
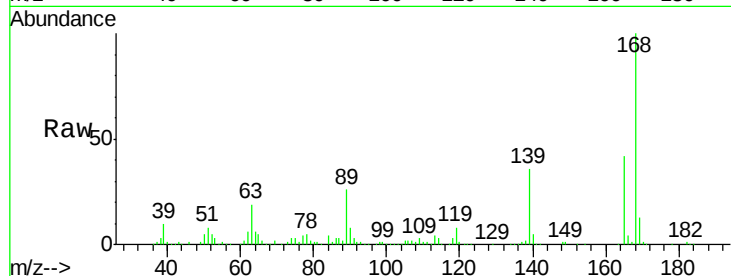




#56
2,4-Dinitrotoluene
Concen: 40.35 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

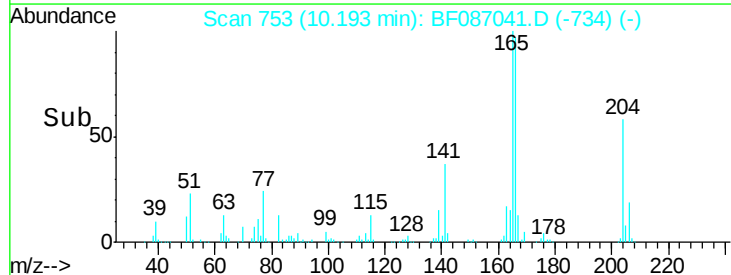
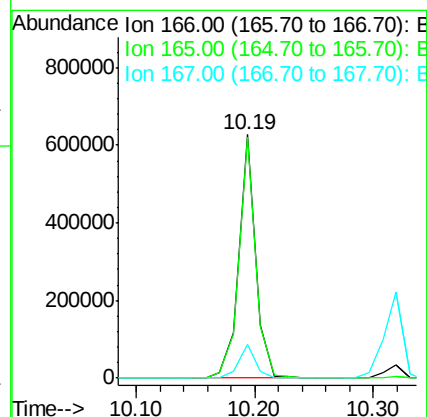
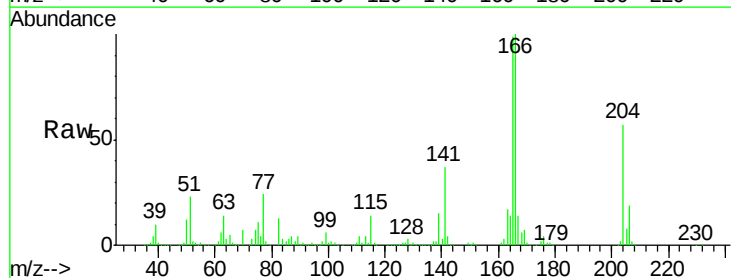
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

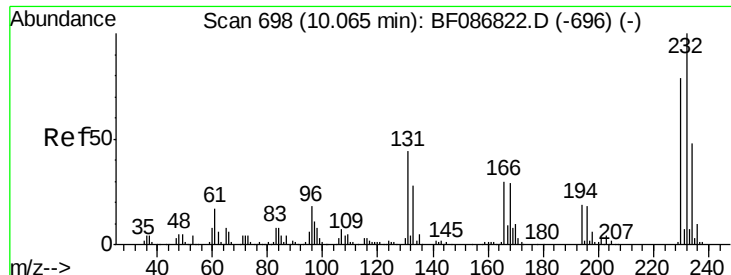
Tgt Ion:	165	Resp:	213997
Ion Ratio	Lower	Upper	
165	100		
63	45.5	44.3	66.5
89	60.8	70.0	105.0#
182	2.5	1.8	2.6



#57
Fluorene
Concen: 37.36 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion:	166	Resp:	622511
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.0	118.6
167	13.7	10.6	15.8

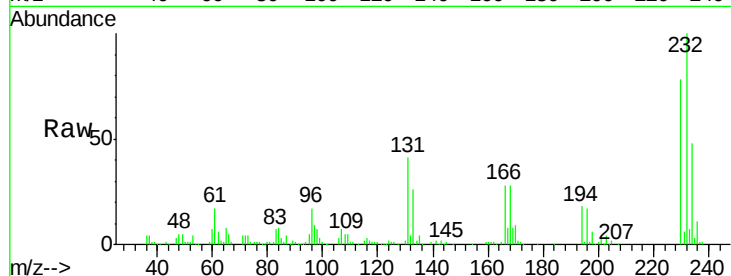




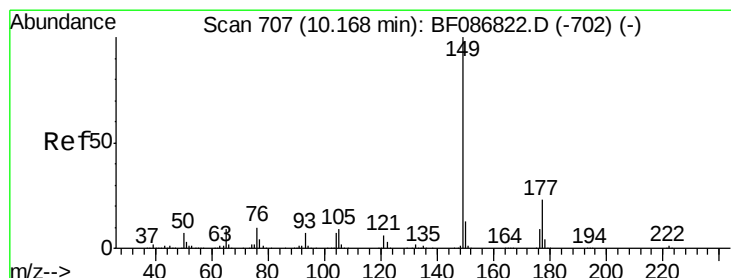
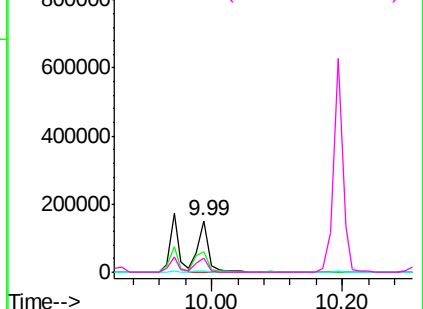
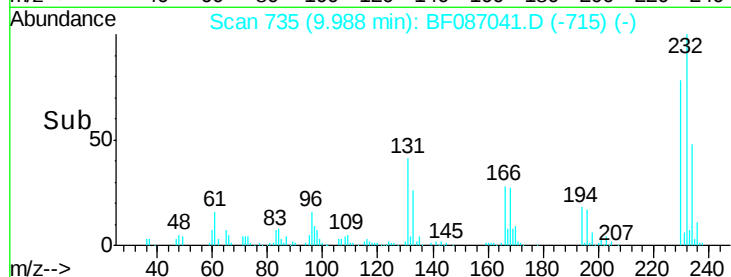
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.47 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion:	232	Resp:	171599
Ion	Ratio	Lower	Upper
232	100		
131	50.8	41.9	62.9
130	2.5	2.2	3.4
166	30.5	26.8	40.2

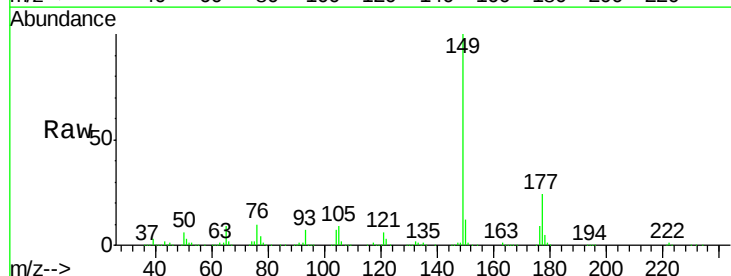


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

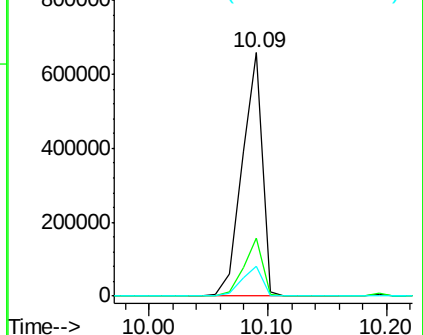
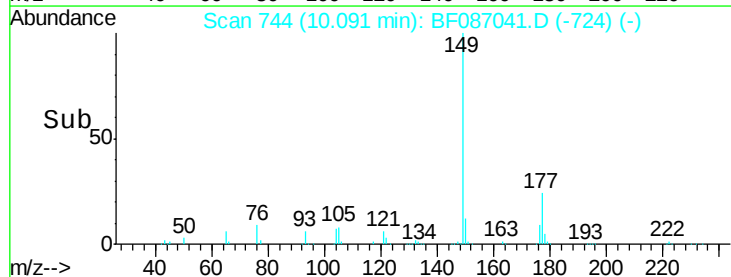


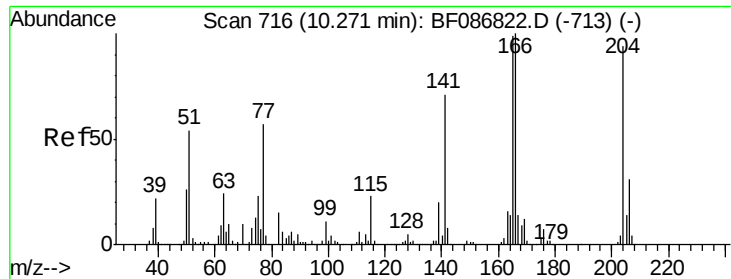
#59
 Diethylphthalate
 Concen: 39.20 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:	149	Resp:	777889
Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.6	24.8
150	12.4	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

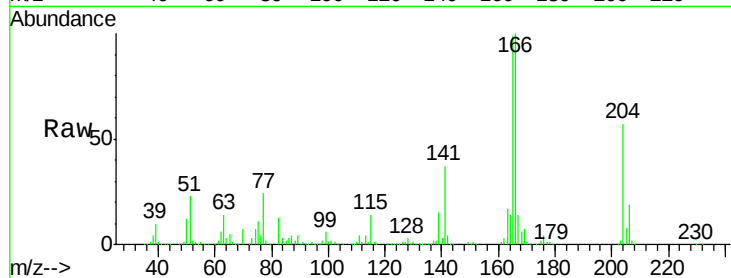




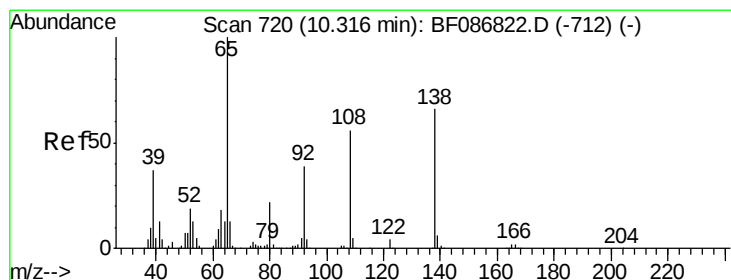
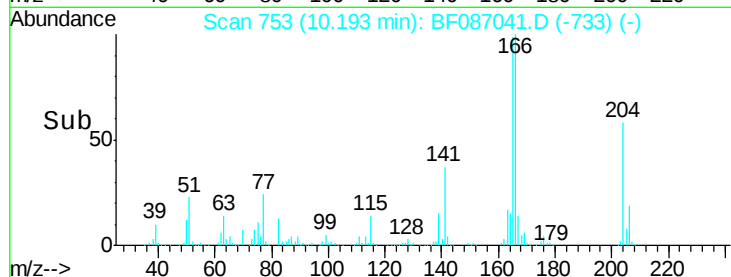
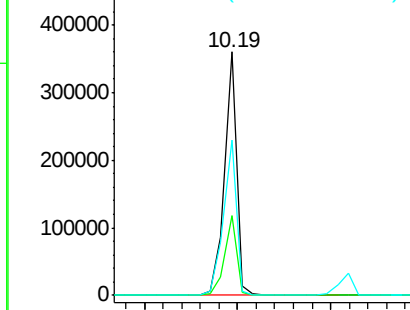
#60
4-Chlorophenyl-phenylether
Concen: 44.70 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion:204 Resp: 324522
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 63.8 61.6 92.4

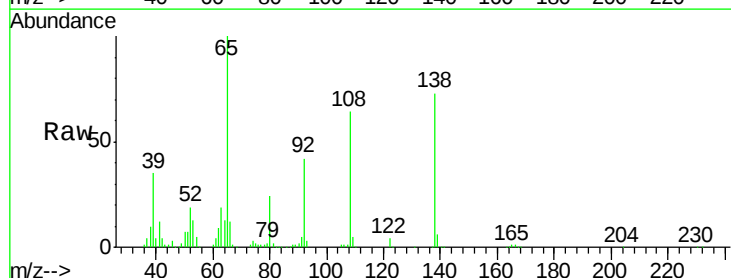


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

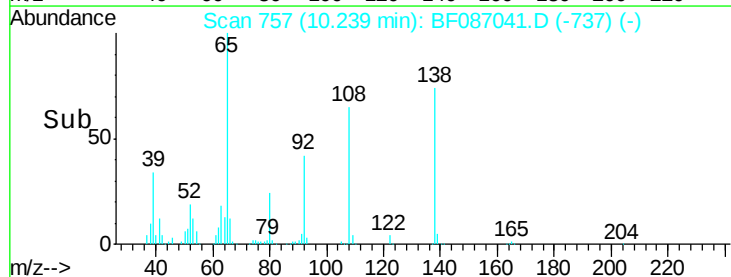
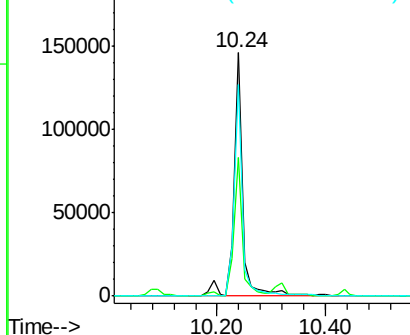


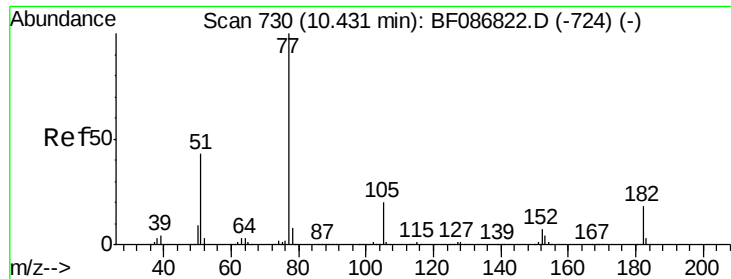
#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion:138 Resp: 163768
Ion Ratio Lower Upper
138 100
92 56.7 24.7 64.7
108 87.1 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: 43.33 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

Tgt Ion: 77 Resp: 927734

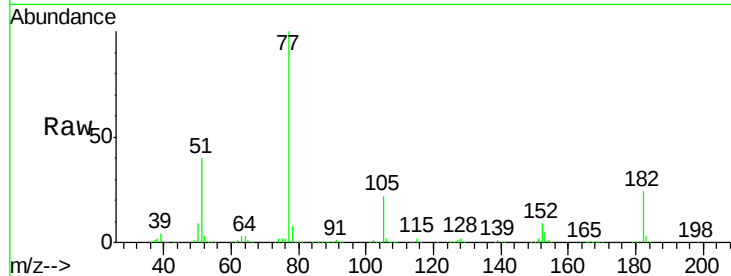
Ion Ratio Lower Upper

77 100

182 23.8 0.0 38.8

105 21.7 3.2 43.2

51 40.0 8.8 48.8

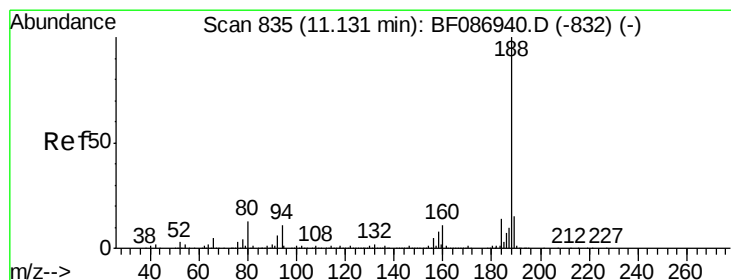
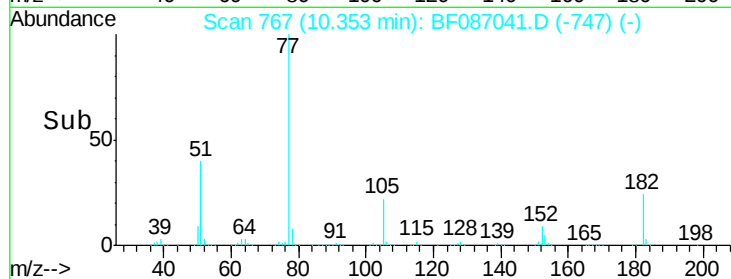
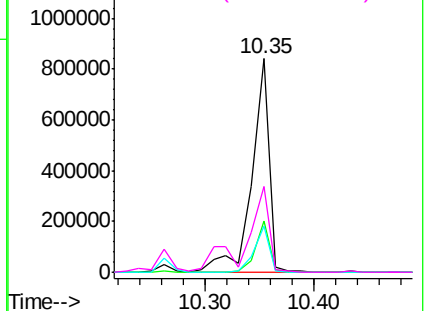


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF087041.D

Acq: 15 May 2016 1:31

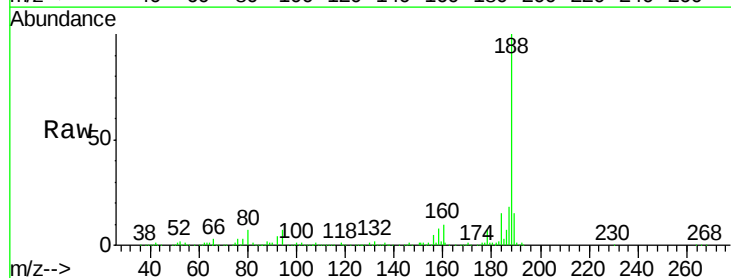
Tgt Ion: 188 Resp: 504558

Ion Ratio Lower Upper

188 100

94 7.0 6.8 10.2

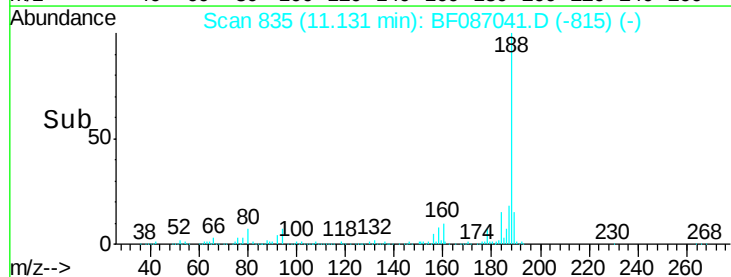
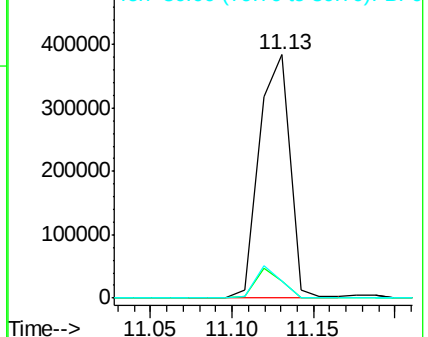
80 7.2 7.1 10.7

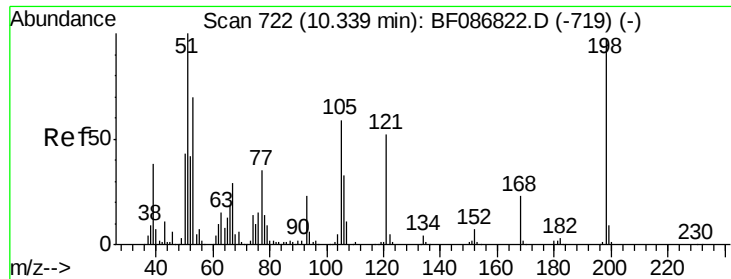


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

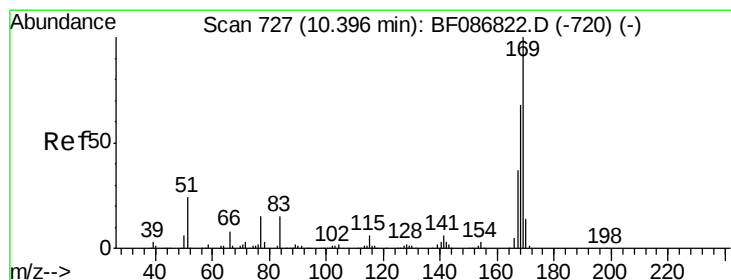
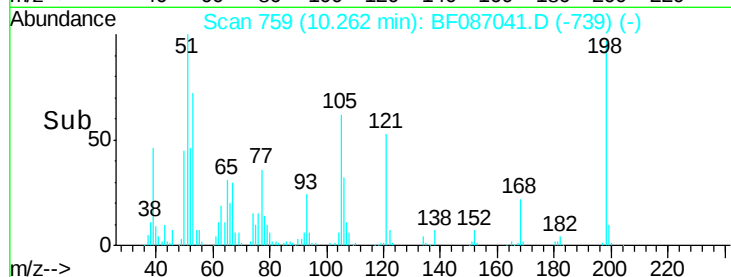
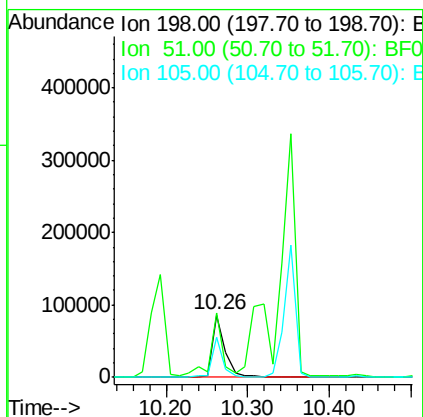
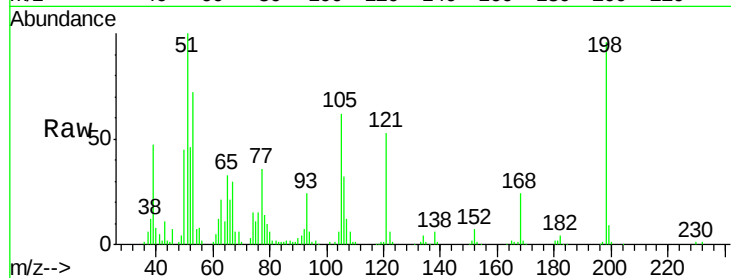




#64
4,6-Dinitro-2-methylphenol
Concen: 30.09 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

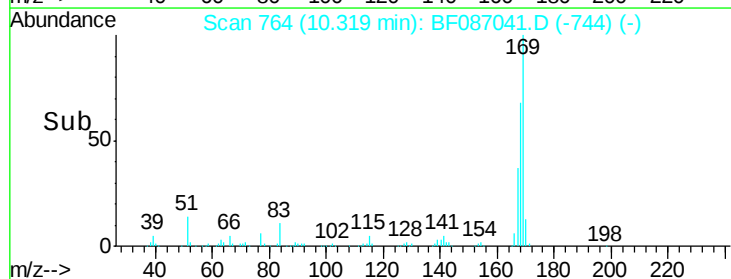
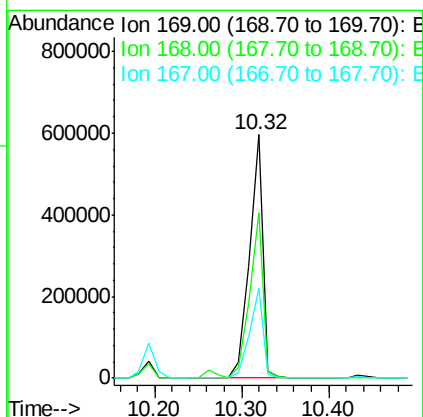
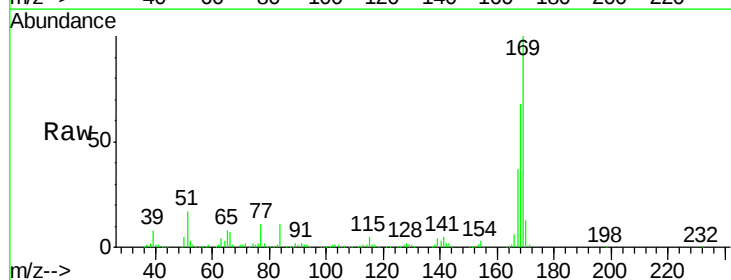
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

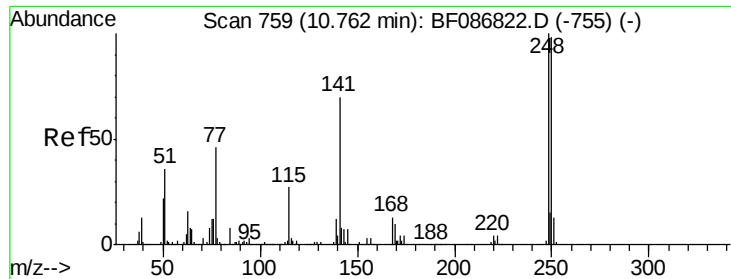
Tgt Ion:198 Resp: 94321
Ion Ratio Lower Upper
198 100
51 104.0 20.5 60.5#
105 64.0 24.5 64.5



#65
n-Nitrosodiphenylamine
Concen: 41.70 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion:169 Resp: 646336
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.6
167 37.1 29.5 44.3





#66

4-Bromophenyl-phenylether

Concen: 36.60 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

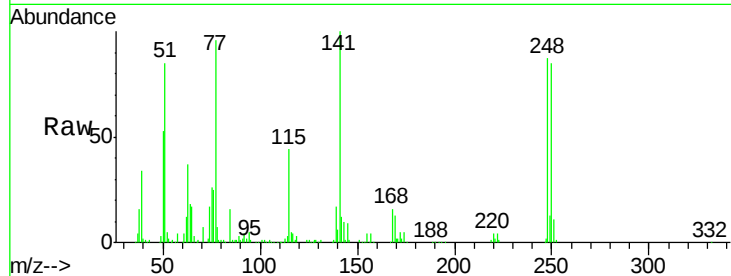
Tgt Ion:248 Resp: 187254

Ion Ratio Lower Upper

248 100

250 97.9 78.6 117.8

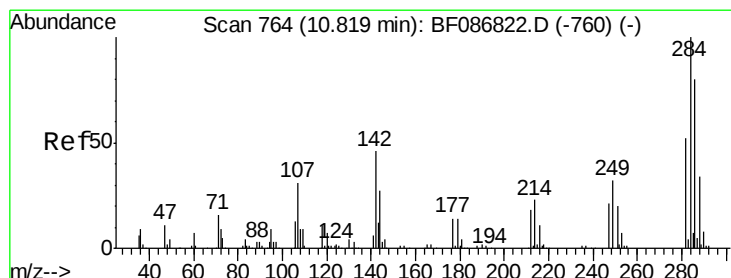
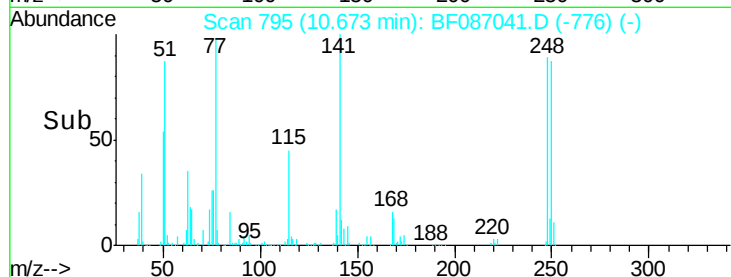
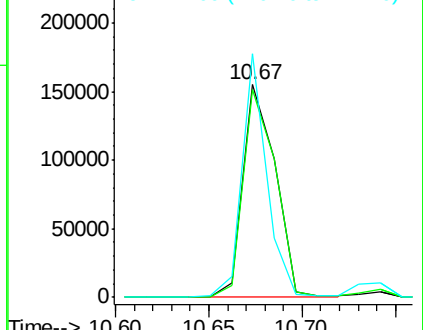
141 114.7 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 39.58 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

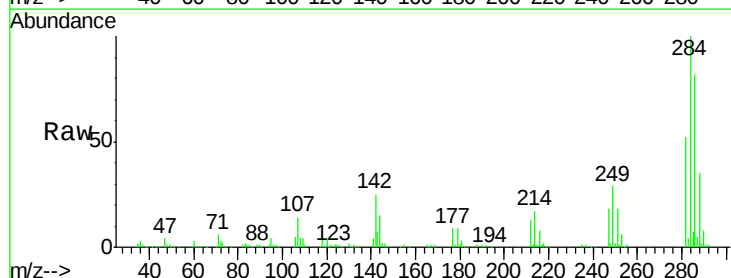
Tgt Ion:284 Resp: 236629

Ion Ratio Lower Upper

284 100

142 25.5 16.7 25.1#

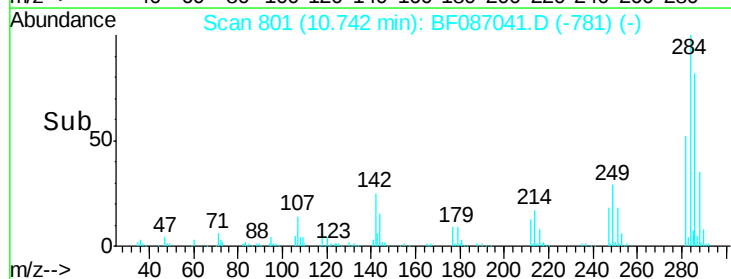
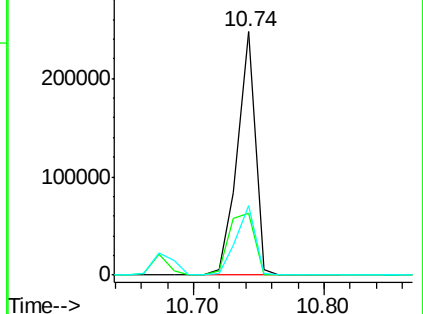
249 28.7 21.3 31.9

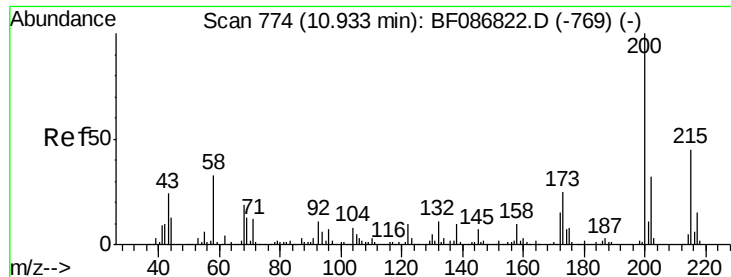


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

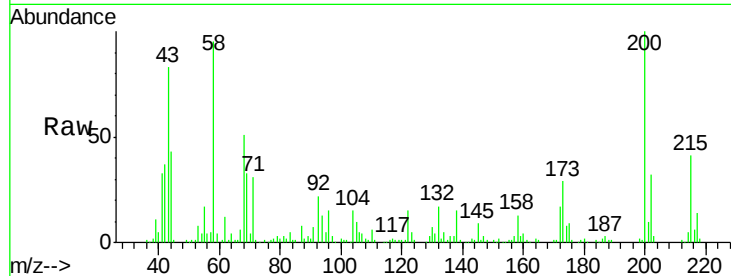




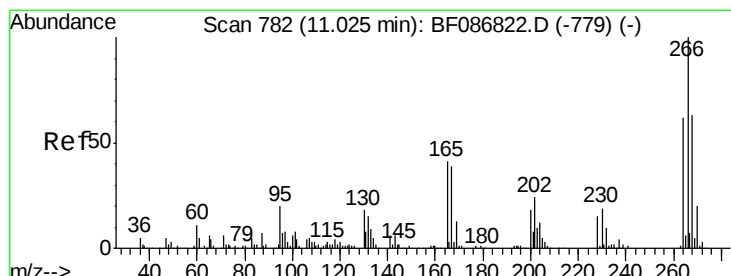
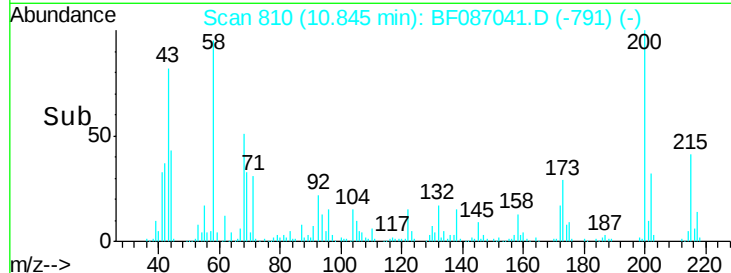
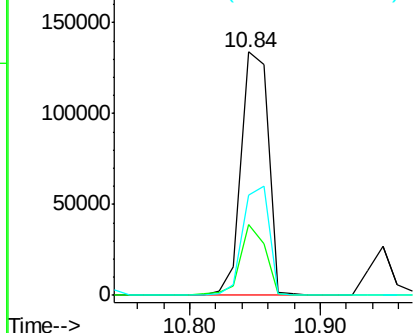
#68
 Atrazine
 Concen: 37.37 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion: 200 Resp: 193501
 Ion Ratio Lower Upper
 200 100
 173 29.2 8.5 48.5
 215 41.1 27.2 67.2

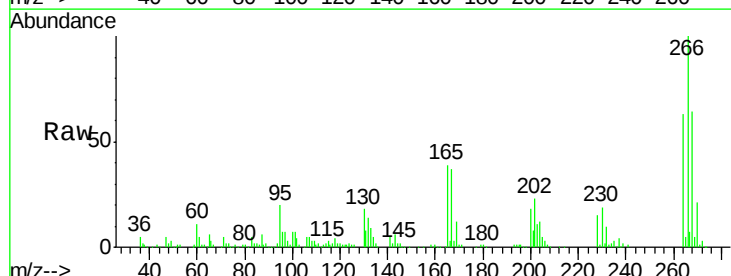


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

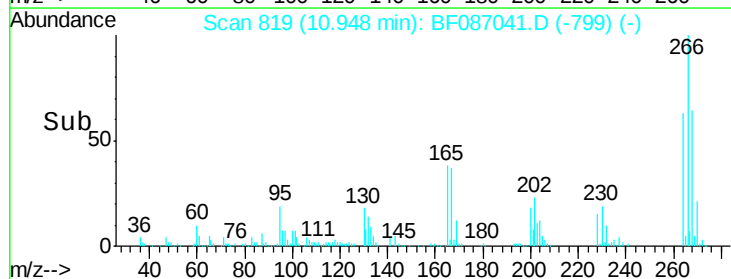
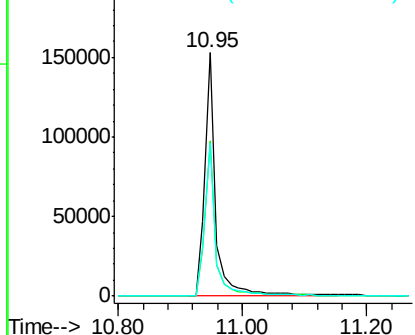


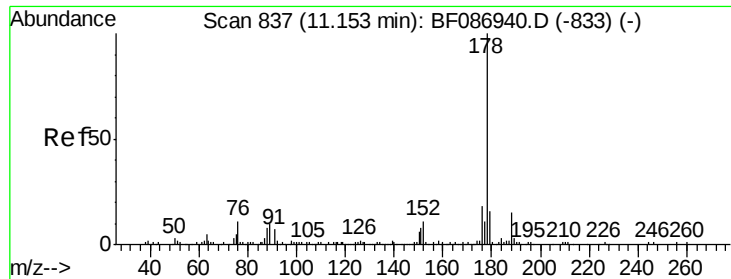
#69
 Pentachlorophenol
 Concen: 69.40 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion: 266 Resp: 191742
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 62.6 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

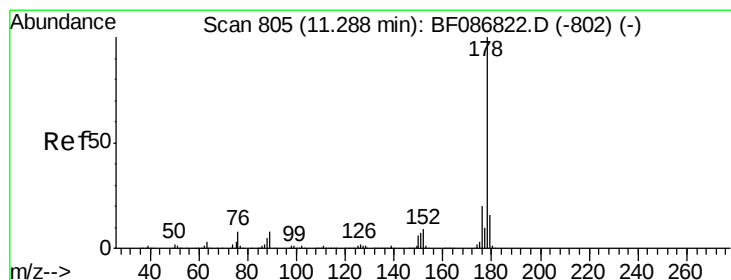
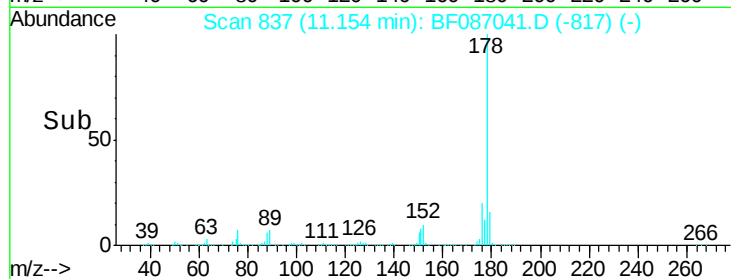
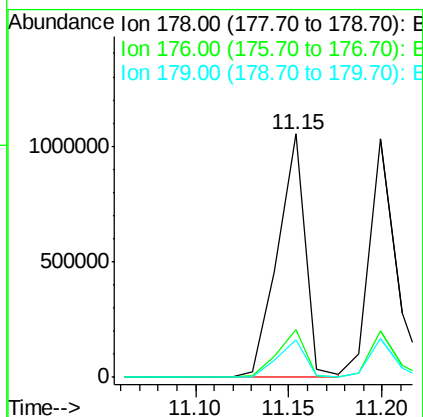
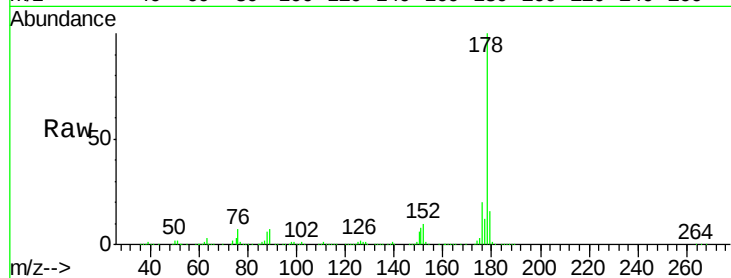




#70
Phenanthrene
Concen: 40.27 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

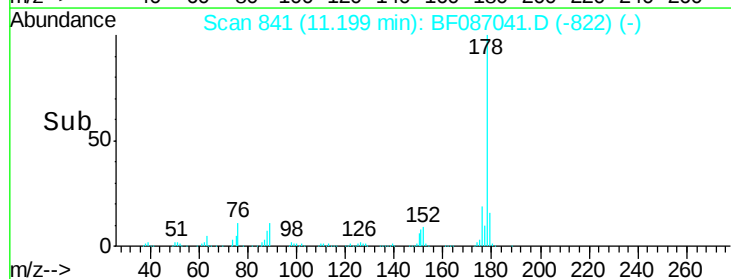
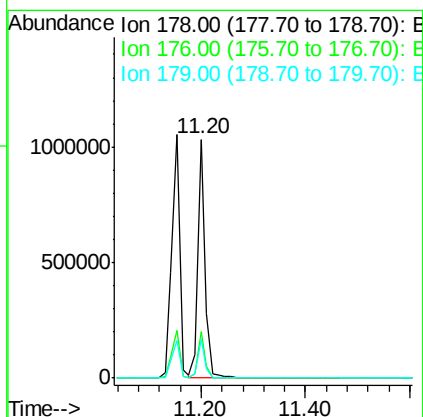
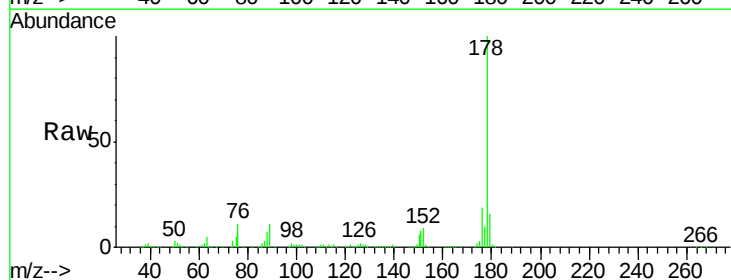
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

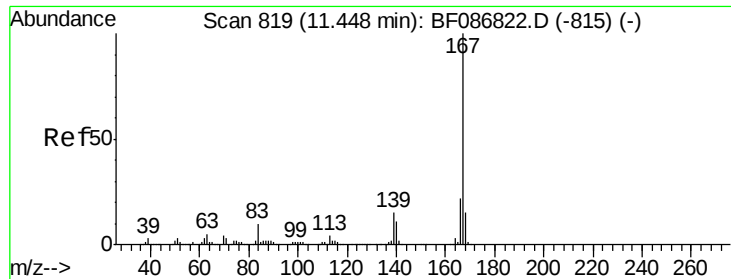
Tgt Ion:178 Resp: 1084251
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.6 12.6 18.8



#71
Anthracene
Concen: 36.57 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion:178 Resp: 1007194
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.0 12.7 19.1





#72

Carbazole

Concen: 41.24 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

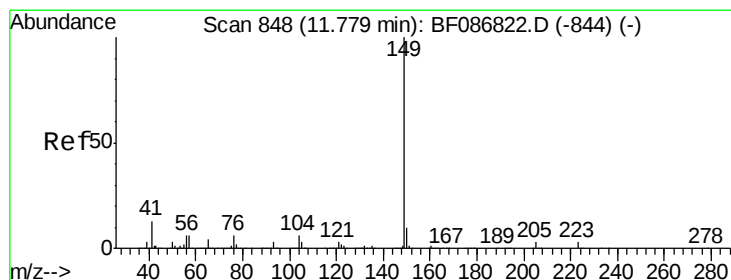
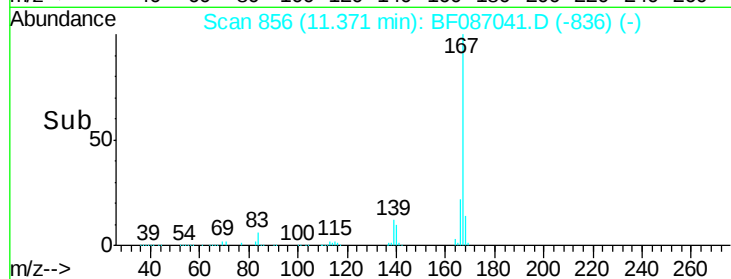
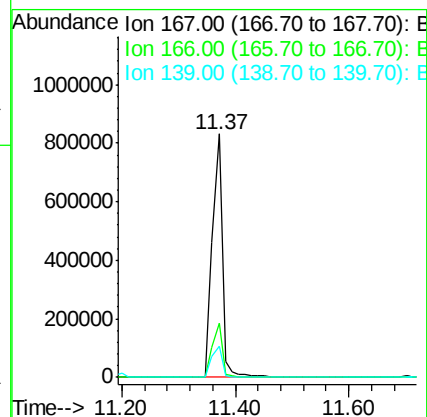
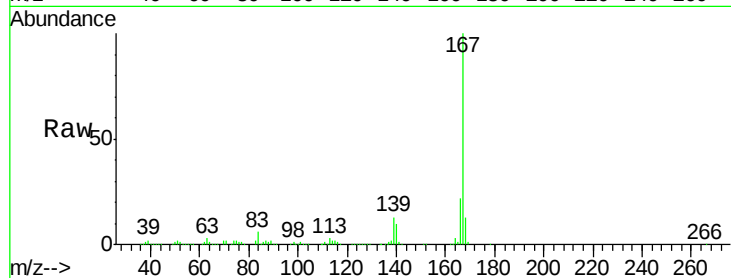
Tgt Ion:167 Resp: 976210

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 12.9 10.8 16.2



#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

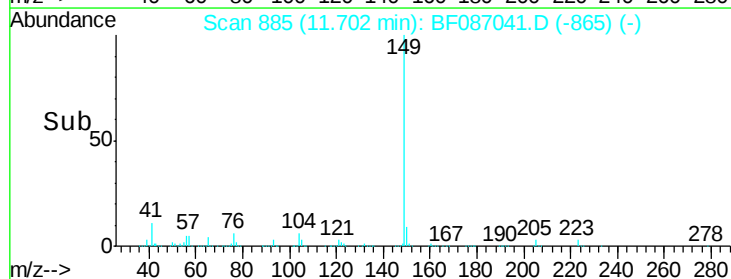
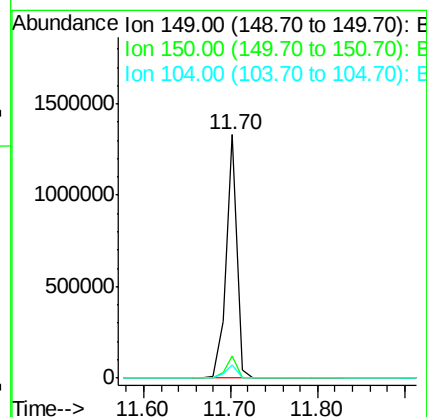
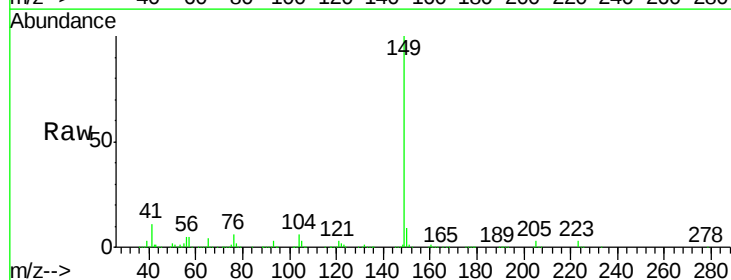
Tgt Ion:149 Resp: 1171278

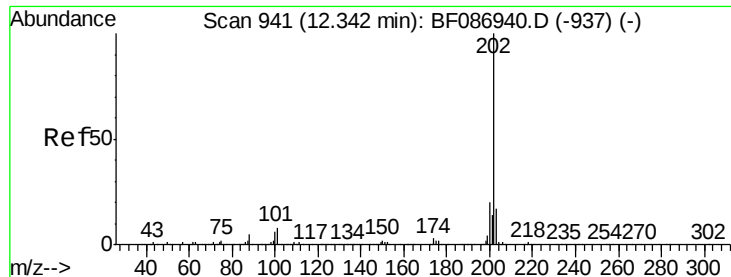
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.6 3.8 5.6





#74

Fluoranthene

Concen: 37.98 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

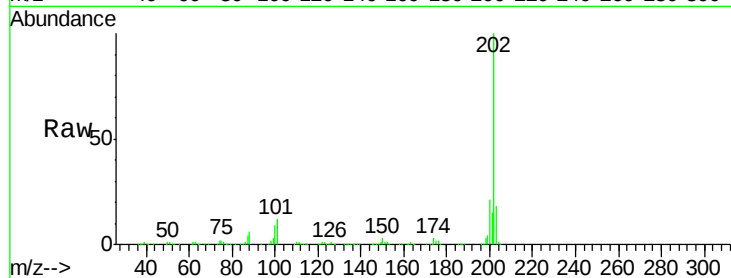
Tgt Ion:202 Resp: 1051746

Ion Ratio Lower Upper

202 100

101 11.8 0.0 35.4

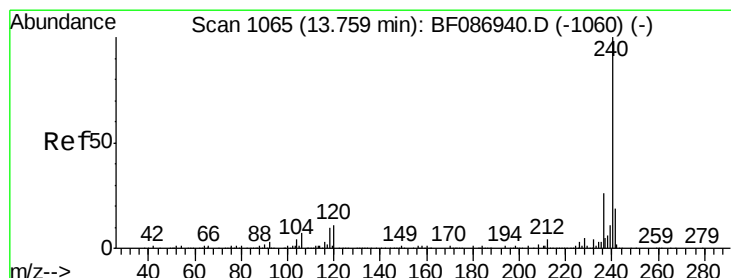
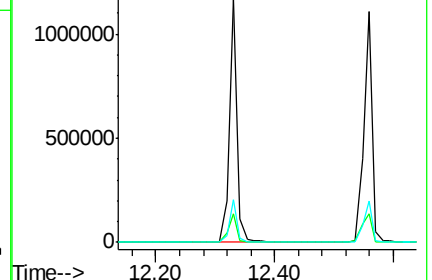
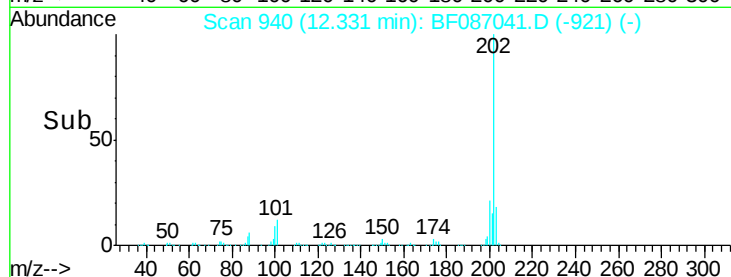
203 17.8 0.0 38.1



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: BF087041.D

Acq: 15 May 2016 1:31

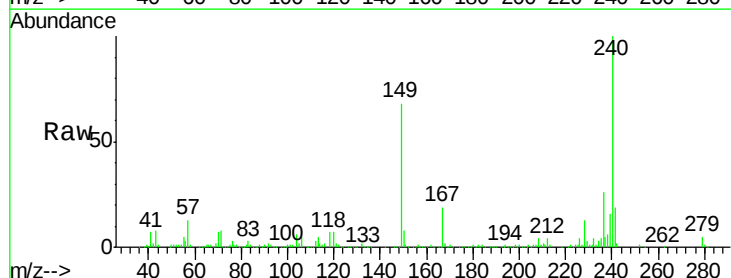
Tgt Ion:240 Resp: 334583

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

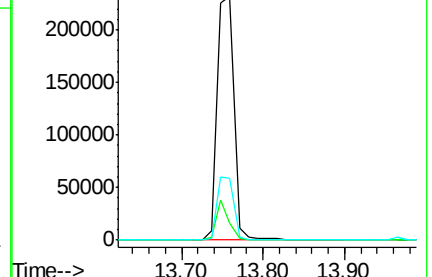
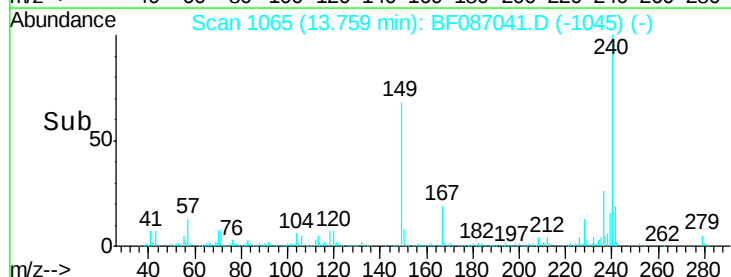
236 25.5 21.2 31.8

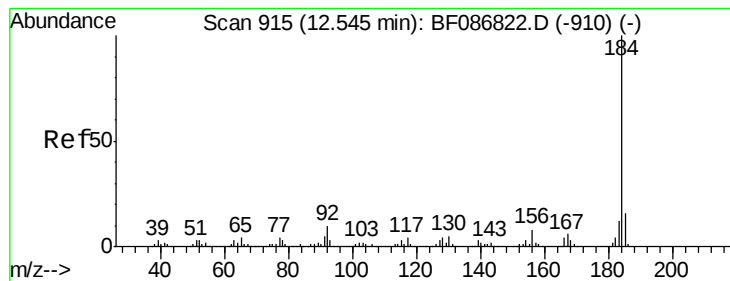


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 25.99 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

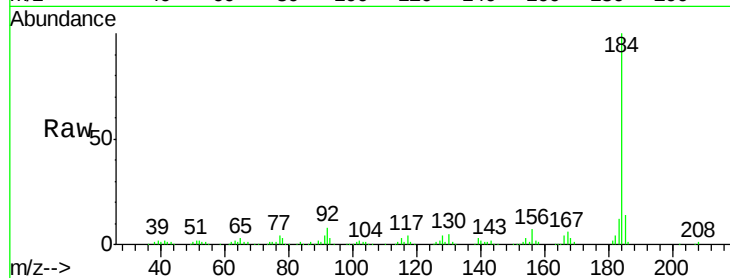
Tgt Ion:184 Resp: 221691

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

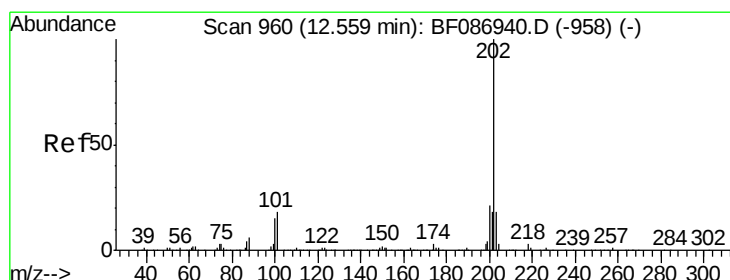
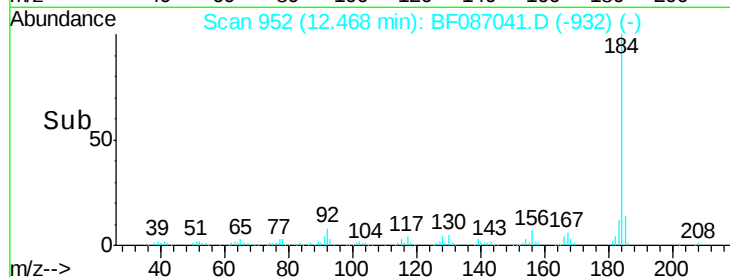
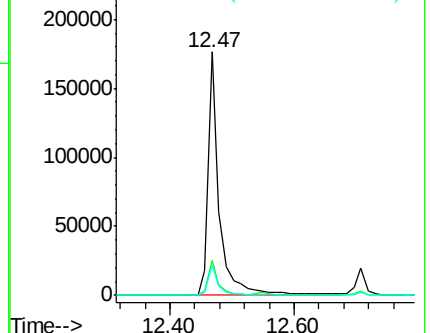
183 12.1 9.8 14.6



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: 42.62 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

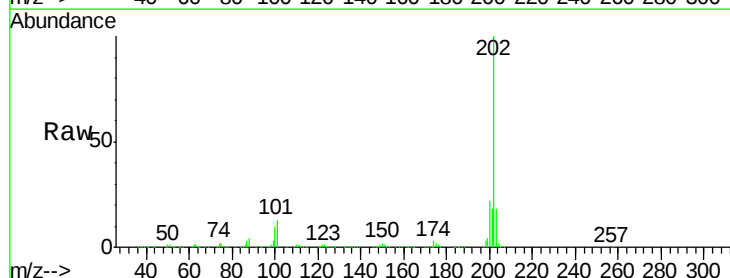
Tgt Ion:202 Resp: 1091706

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

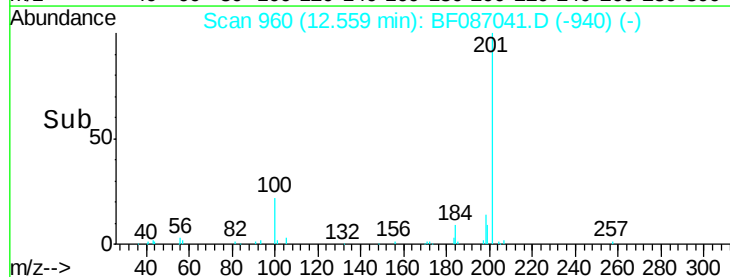
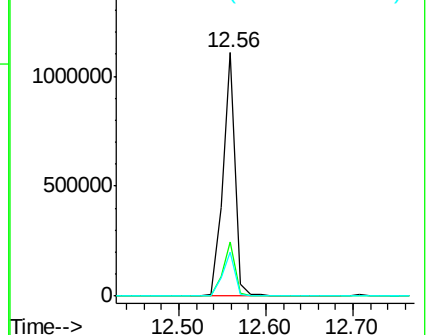
203 17.9 14.2 21.4

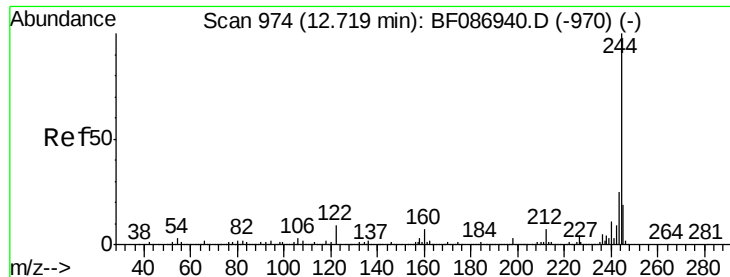


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.40 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

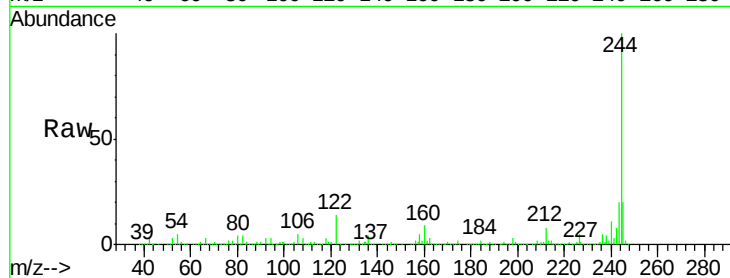
Tgt Ion:244 Resp: 1173316

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

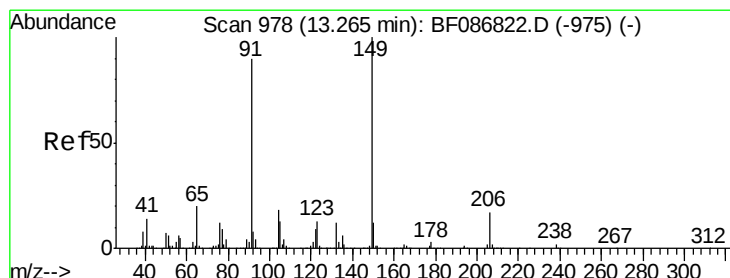
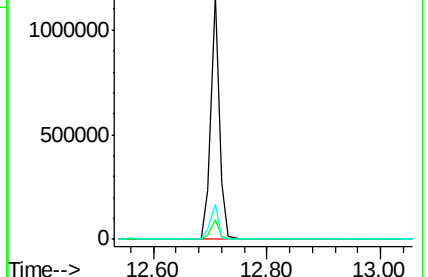
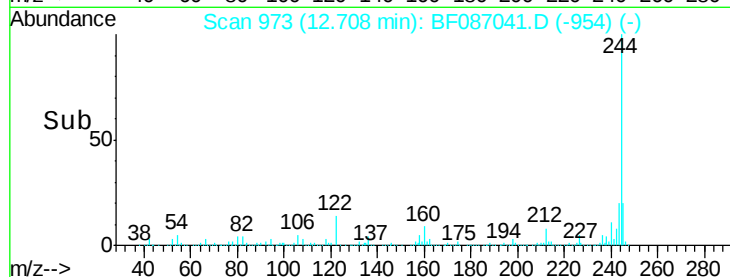
122 14.2 12.0 18.0



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: 43.68 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

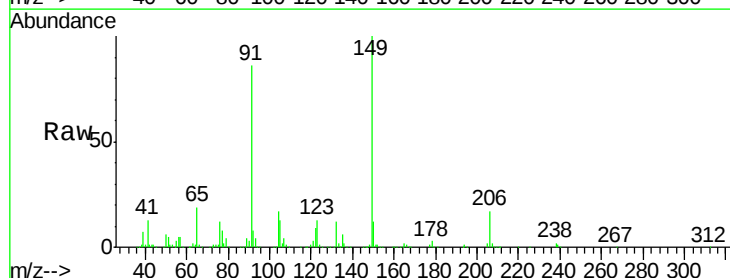
Tgt Ion:149 Resp: 473210

Ion Ratio Lower Upper

149 100

91 85.9 48.0 72.0#

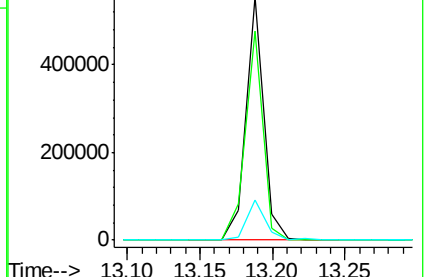
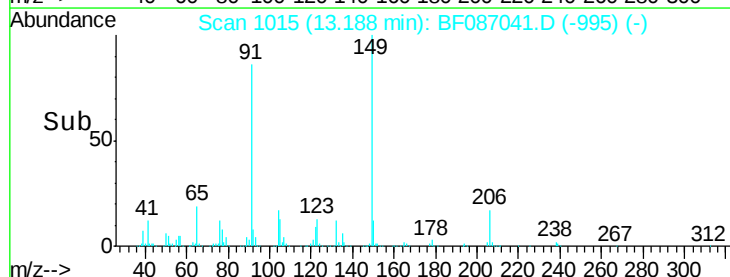
206 16.7 15.8 23.6

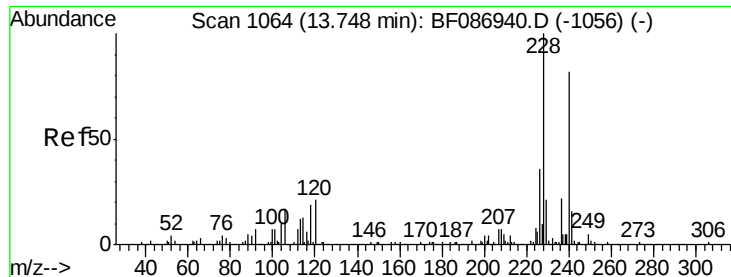


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.39 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

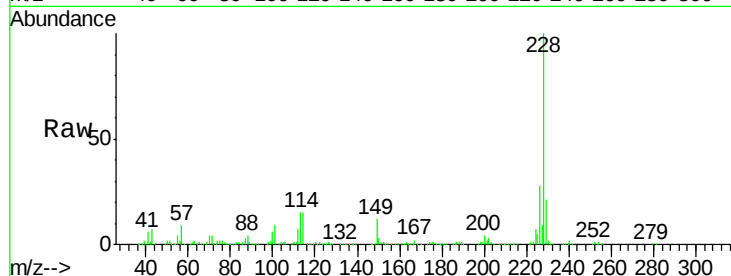
Tgt Ion:228 Resp: 758600

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

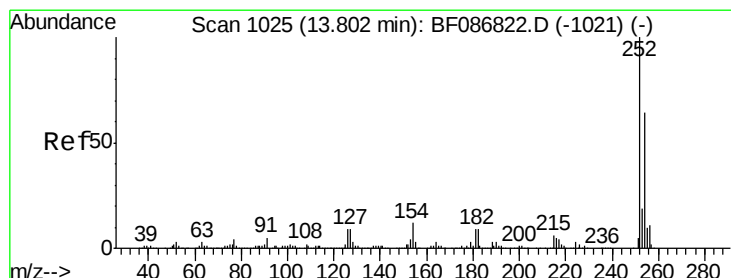
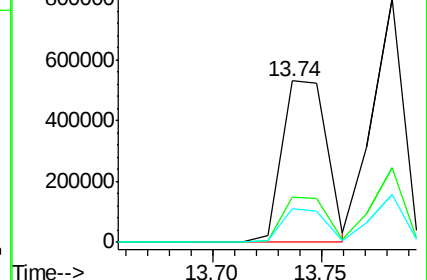
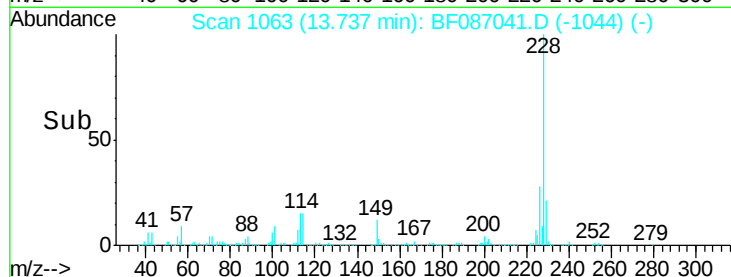
229 20.7 16.6 25.0



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: 11.76 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

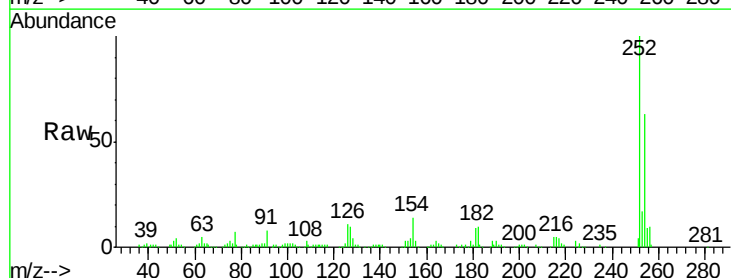
Tgt Ion:252 Resp: 140378

Ion Ratio Lower Upper

252 100

254 63.3 50.7 76.1

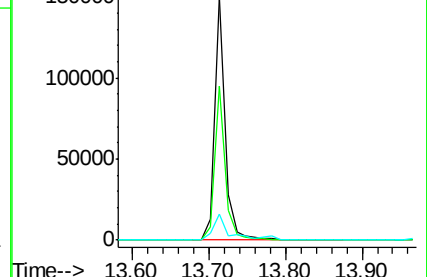
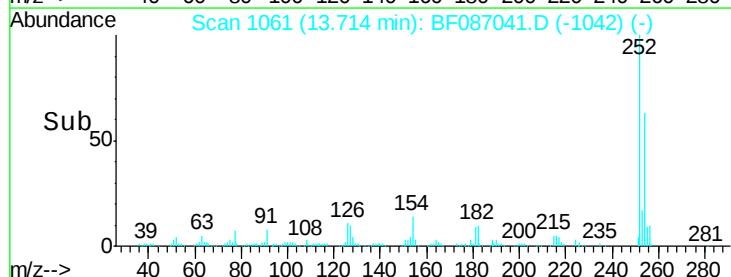
126 10.6 12.7 19.1#

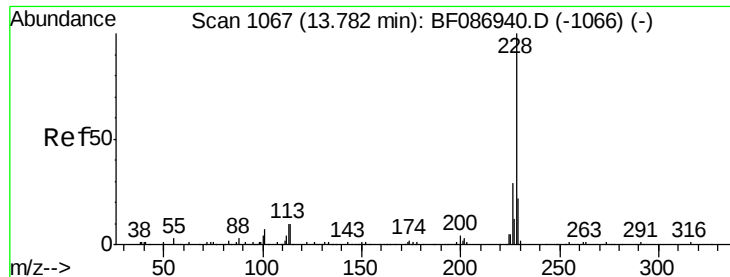


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.50 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

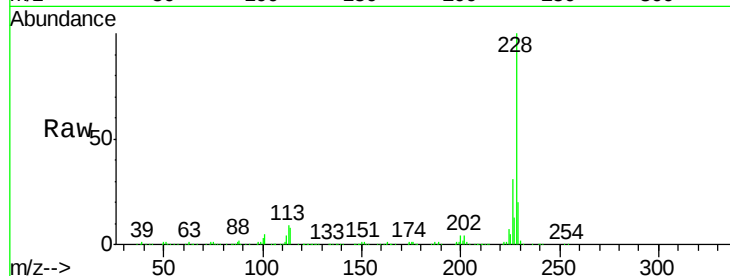
Tgt Ion:228 Resp: 811929

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

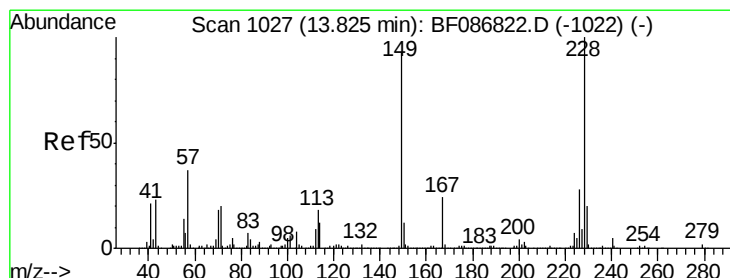
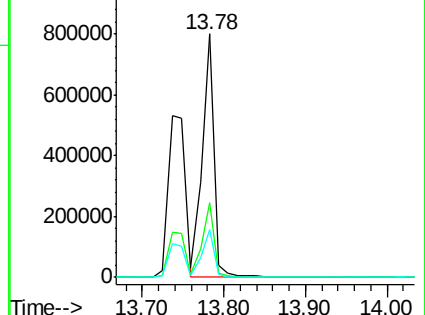
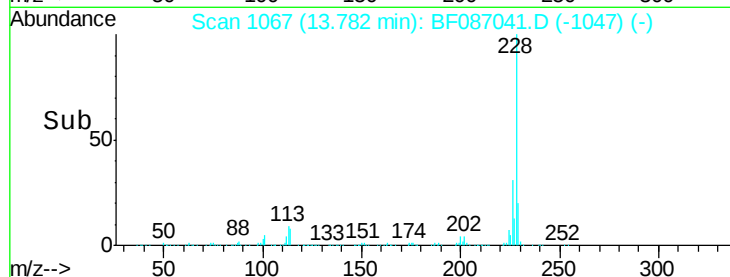
229 19.6 15.8 23.8



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: 44.63 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

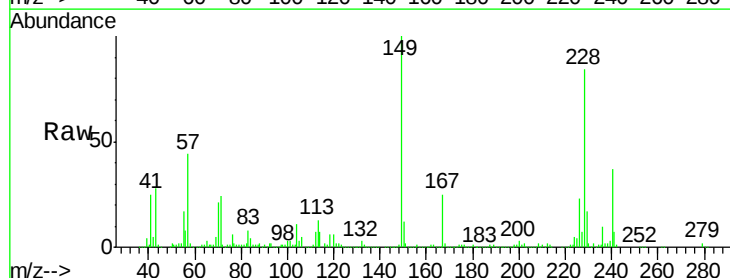
Tgt Ion:149 Resp: 581658

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

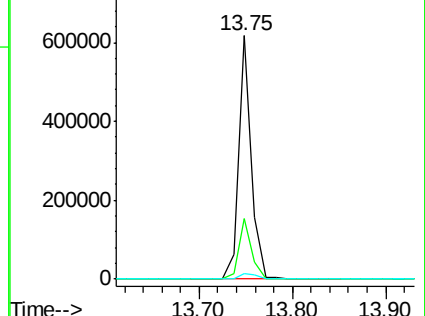
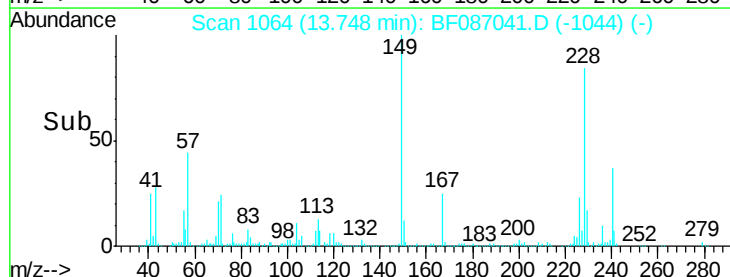
279 2.5 2.6 4.0#

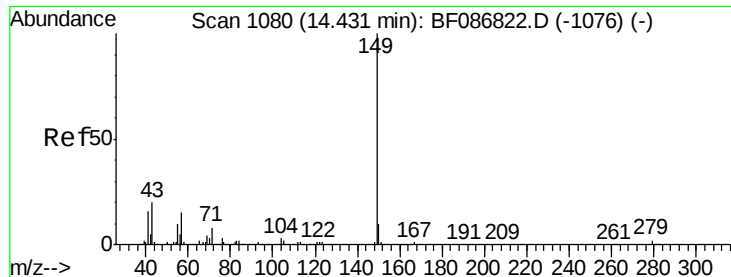


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.55 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

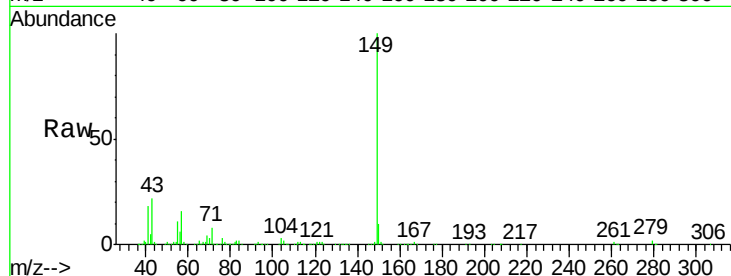
Tgt Ion:149 Resp: 961744

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

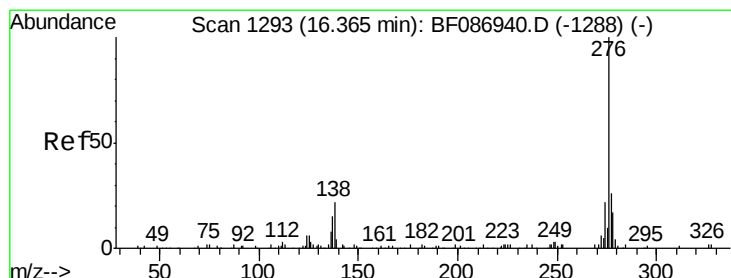
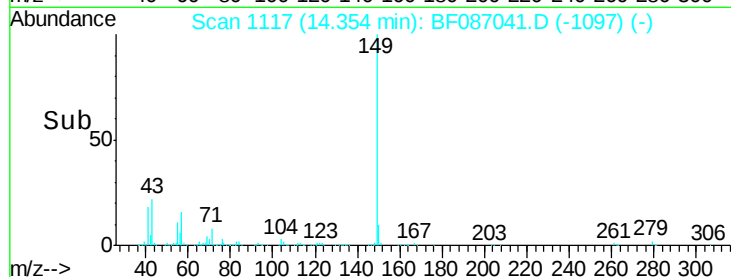
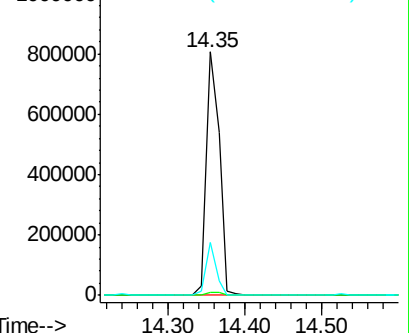
43 17.3 8.2 12.4#



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: 42.98 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.15 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

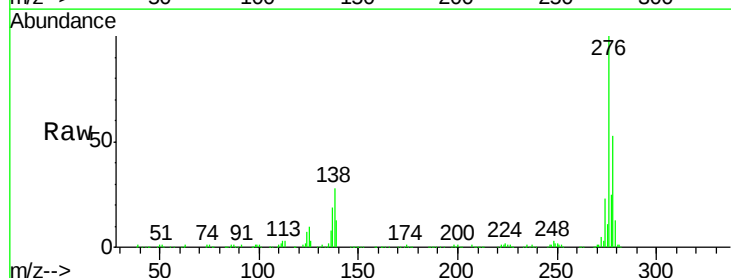
Tgt Ion:276 Resp: 683173

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

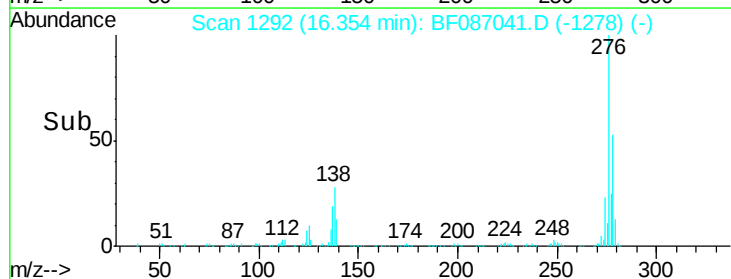
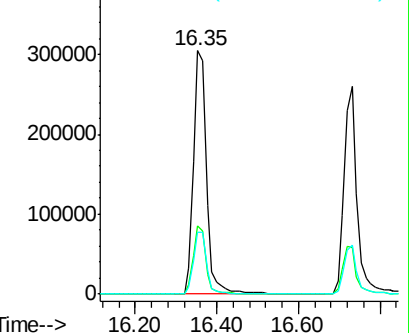
277 25.4 20.5 30.7

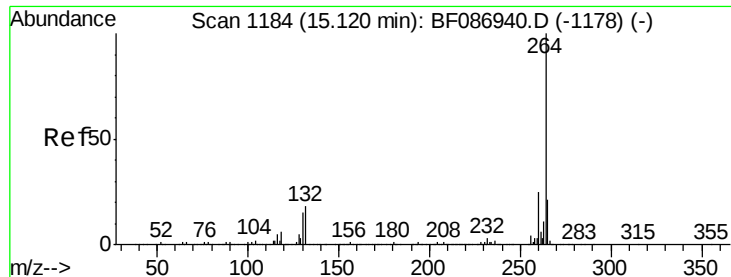


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

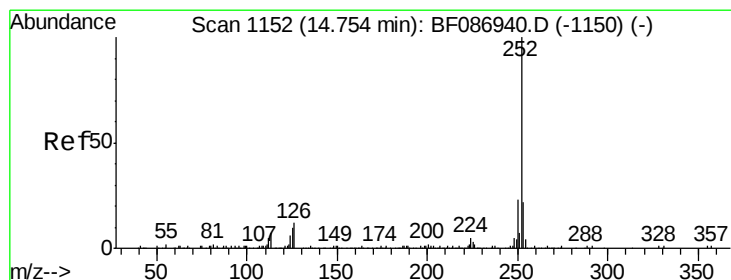
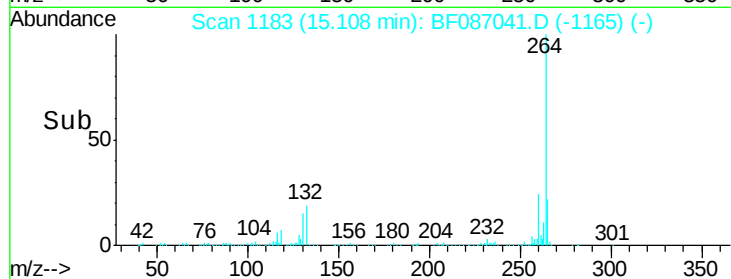
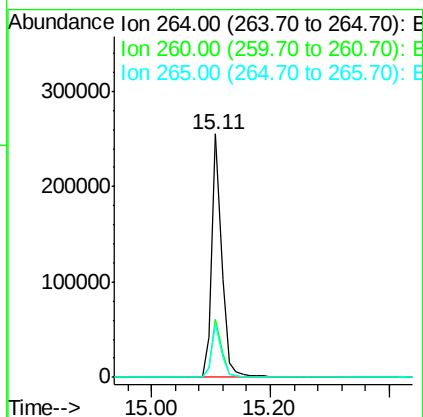
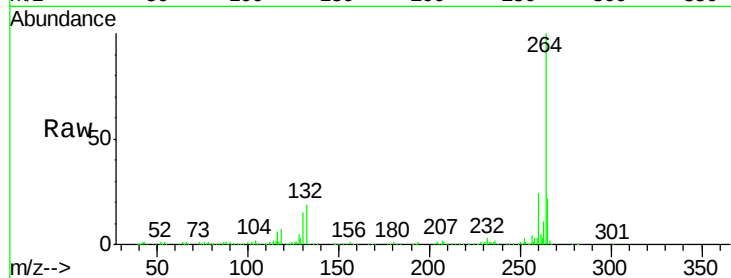




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

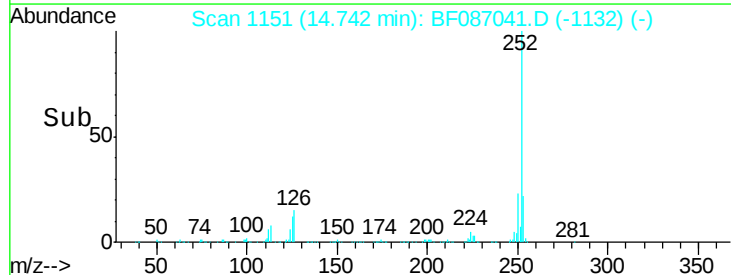
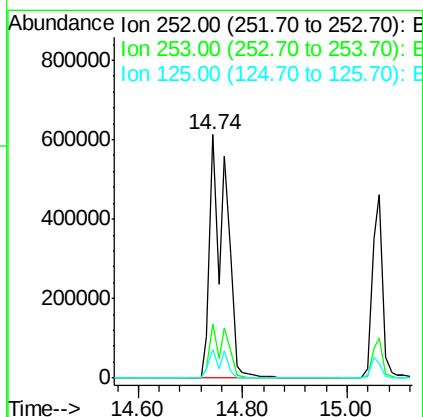
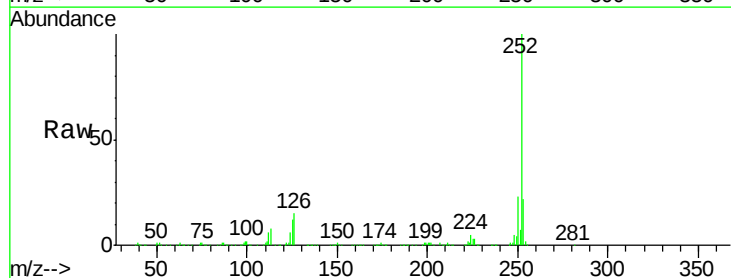
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

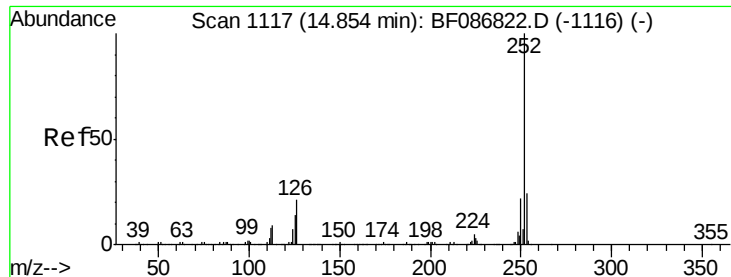
Tgt Ion: 264 Resp: 298915
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.7 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 67.37 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion: 252 Resp: 1308797
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.7 11.4 17.0

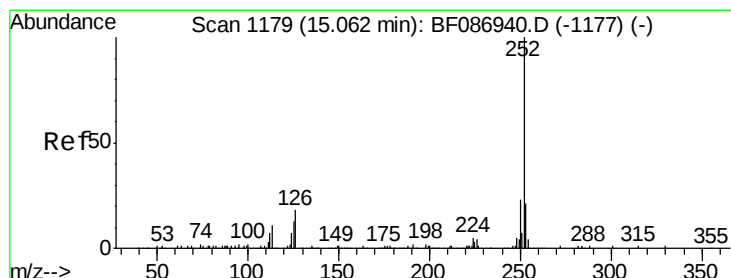
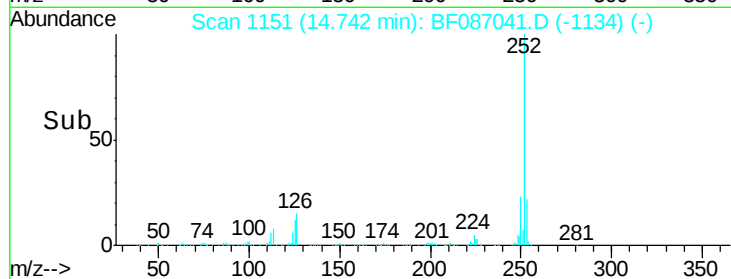
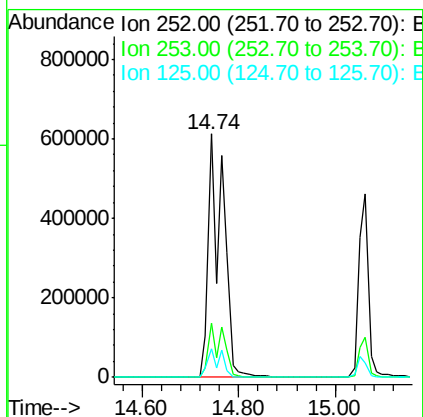
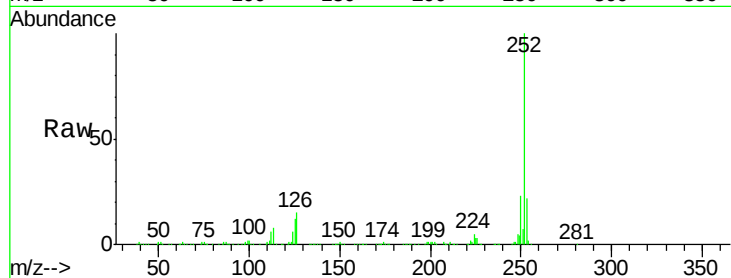




#88
Benzo(k)fluoranthene
Concen: 82.33 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

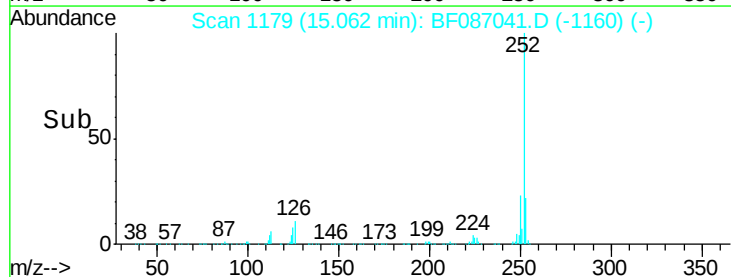
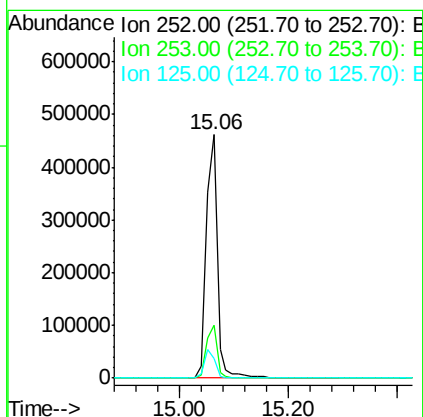
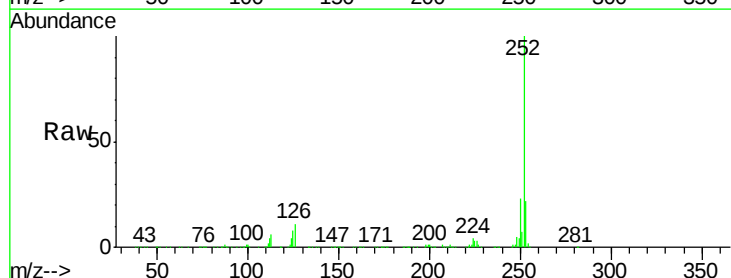
Instrument :
BNA_F
ClientSampleId :
PB90466BSD

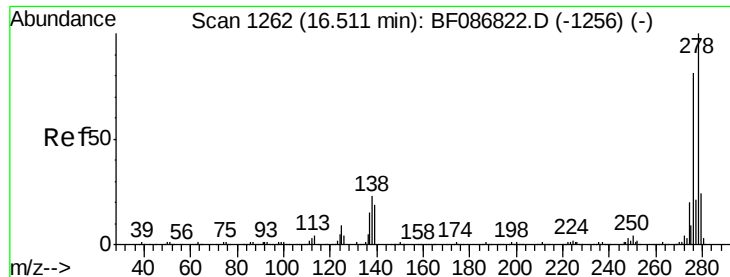
Tgt Ion:252 Resp: 1309572
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.7 9.1 13.7



#89
Benzo(a)pyrene
Concen: 38.27 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion:252 Resp: 641337
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.2 9.0 13.6#





#90

Dibenzo(a,h)anthracene

Concen: 40.49 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

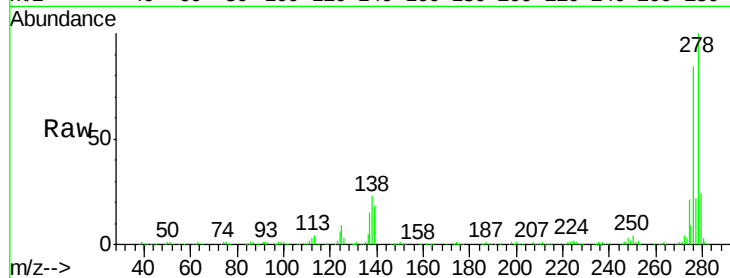
Tgt Ion: 278 Resp: 571865

Ion Ratio Lower Upper

278 100

139 17.9 16.6 24.8

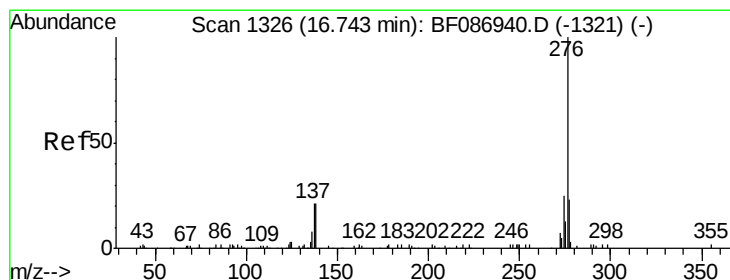
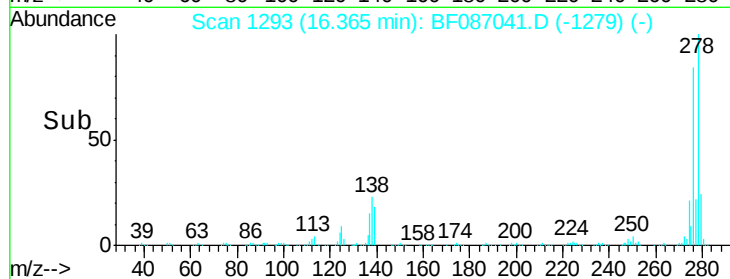
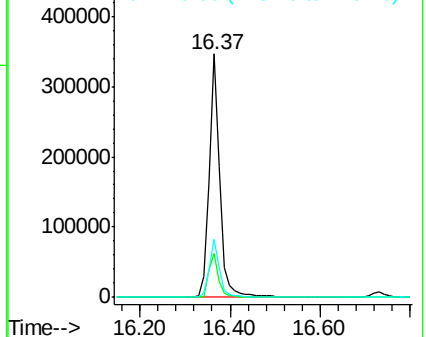
279 23.9 19.6 29.4



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: 40.31 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

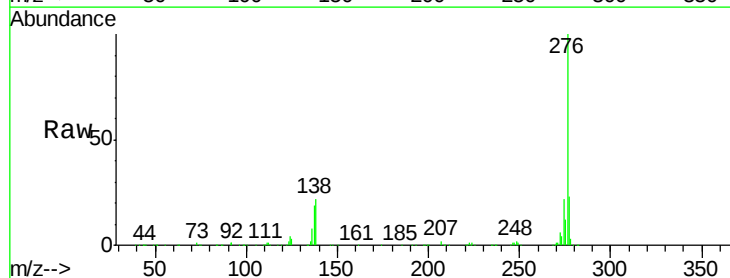
Tgt Ion: 276 Resp: 578480

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.2 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

