

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087838.D
 Acq On : 9 Jun 2016 7:13
 Operator : UM/SJ
 Sample : H3405-02MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Quant Time: Jun 09 07:53:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107546	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	419468	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	175818	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	265829	20.00	ng	0.00
75) Chrysene-d12	13.99	240	190374	20.00	ng	0.00
86) Perylene-d12	15.42	264	172548	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	958635	152.38	ng	0.01
7) Phenol-d6	6.47	99	1183354	155.21	ng	-0.01
23) Nitrobenzene-d5	7.39	82	686486	95.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	207471	111.76	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1111231	100.28	ng	-0.01
78) Terphenyl-d14	12.95	244	866787	103.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	115087	37.65	ng	# 29
3) Pyridine	3.19	79	340387	47.16	ng	97
4) n-Nitrosodimethylamine	3.12	42	167187	54.70	ng	90
6) Aniline	6.49	93	317722	29.28	ng	# 1
8) 2-Chlorophenol	6.62	128	371978	49.96	ng	93
9) Benzaldehyde	6.36	77	23156	3.96	ng	87
10) Phenol	6.49	94	402620	51.51	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	333087	49.82	ng	90
12) 1,3-Dichlorobenzene	6.76	146	356199	44.59	ng	98
13) 1,4-Dichlorobenzene	6.84	146	367609	45.68	ng	99
14) 1,2-Dichlorobenzene	7.00	146	359281	49.09	ng	99
15) Benzyl Alcohol	6.97	79	272392	45.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	456740	50.57	ng	89
17) 2-Methylphenol	7.10	107	296947	49.18	ng	96
18) Hexachloroethane	7.35	117	116136	40.67	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	260191	53.35	ng	# 86
20) 3+4-Methylphenols	7.24	107	318063	45.14	ng	# 85
22) Acetophenone	7.24	105	451712	48.19	ng	# 89
24) Nitrobenzene	7.42	77	379197	54.50	ng	92
25) Isophorone	7.66	82	656930	49.37	ng	98
26) 2-Nitrophenol	7.74	139	180806	48.51	ng	# 68
27) 2,4-Dimethylphenol	7.77	122	291088	42.41	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	447926	54.28	ng	98
29) 2,4-Dichlorophenol	7.98	162	307342	53.64	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	297245	47.64	ng	99
31) Naphthalene	8.14	128	955579	46.03	ng	100
32) Benzoic acid	7.85	122	29050	7.69	ng	96
33) 4-Chloroaniline	8.18	127	193175	20.84	ng	99
34) Hexachlorobutadiene	8.26	225	156139	47.45	ng	98
35) Caprolactam	8.56	113	85180	44.88	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	281893	46.00	ng	100
37) 2-Methylnaphthalene	8.83	142	650151	47.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	250373	63.40	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	50513	17.81	ng	100

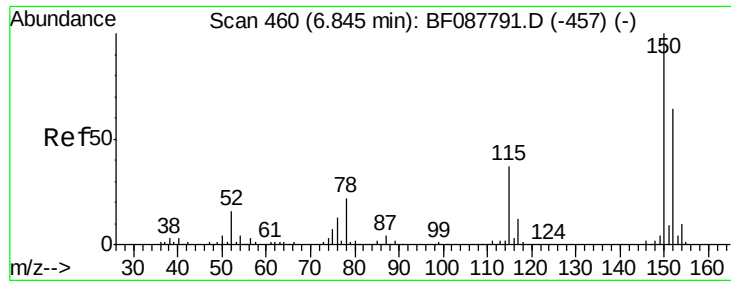
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	184393	52.44	ng	96
43) 2,4,5-Trichlorophenol	9.15	196	173388	47.40	ng	# 83
45) 1,1'-Biphenyl	9.30	154	758474	59.47	ng	96
46) 2-Chloronaphthalene	9.32	162	578634	50.86	ng	# 91
47) 2-Nitroaniline	9.42	65	167338	49.86	ng	89
48) Acenaphthylene	9.74	152	865997	47.85	ng	100
49) Dimethylphthalate	9.61	163	1080313	84.82	ng	99
50) 2,6-Dinitrotoluene	9.67	165	151157	51.82	ng	# 88
51) Acenaphthene	9.91	154	504807	44.71	ng	99
52) 3-Nitroaniline	9.83	138	129138	38.37	ng	93
53) 2,4-Dinitrophenol	9.93	184	20323	17.85	ng	# 81
54) Dibenzofuran	10.08	168	730230	46.97	ng	93
55) 4-Nitrophenol	10.00	139	241558	92.47	ng	# 71
56) 2,4-Dinitrotoluene	10.07	165	188175	50.20	ng	96
57) Fluorene	10.42	166	533944	51.52	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	125024	43.49	ng	# 54
59) Diethylphthalate	10.31	149	674390	52.31	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	226262	43.76	ng	91
61) 4-Nitroaniline	10.44	138	143115	44.83	ng	100
62) Azobenzene	10.57	77	563740	44.22	ng	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	24158	16.06	ng	95
65) n-Nitrosodiphenylamine	10.54	169	502339	56.95	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	141826	49.73	ng	# 83
67) Hexachlorobenzene	10.97	284	161108	54.37	ng	# 81
68) Atrazine	11.06	200	126521	47.37	ng	91
69) Pentachlorophenol	11.16	266	170645	109.25	ng	98
70) Phenanthrene	11.38	178	733122	52.56	ng	100
71) Anthracene	11.43	178	674590	47.94	ng	99
72) Carbazole	11.59	167	675498	51.30	ng	99
73) Di-n-butylphthalate	11.93	149	881631	52.89	ng	# 98
74) Fluoranthene	12.57	202	746815	50.73	ng	94
76) Benzidine	12.69	184	184750	35.05	ng	98
77) Pyrene	12.79	202	724299	51.27	ng	100
79) Butylbenzylphthalate	13.42	149	336936	53.95	ng	# 78
80) Benzo(a)anthracene	13.98	228	589148	54.31	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	166643	57.12	ng	99
82) Chrysene	14.02	228	615946	60.35	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	466714	61.39	ng	# 98
84) Di-n-octyl phthalate	14.59	149	828719	67.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	482558	50.89	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	1051144	87.40	ng	99
88) Benzo(k)fluoranthene	15.04	252	1051144	115.87	ng	# 96
89) Benzo(a)pyrene	15.36	252	461991	47.48	ng	# 96
90) Dibenzo(a,h)anthracene	16.82	278	397382	43.97	ng	100
91) Benzo(g,h,i)perylene	17.22	276	395074	42.50	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

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SB-13-COMP-0.5-11.0MS

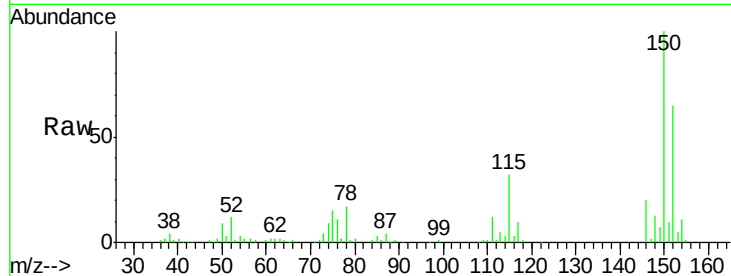
Tgt Ion:152 Resp: 107546

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

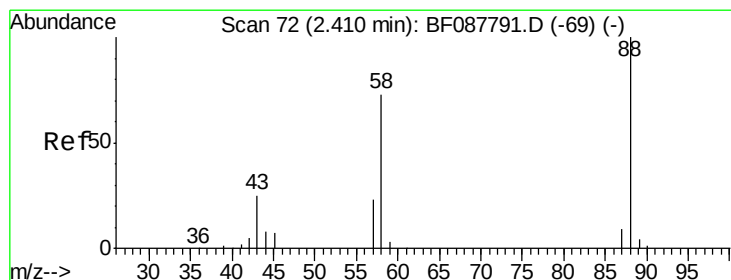
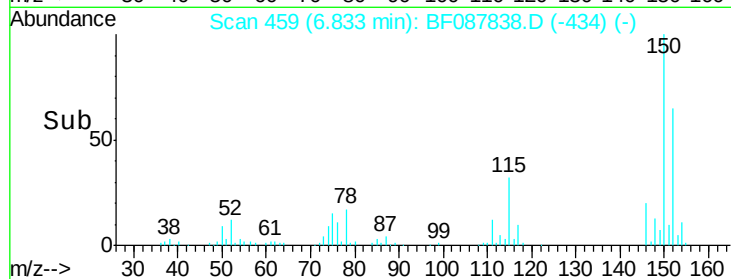
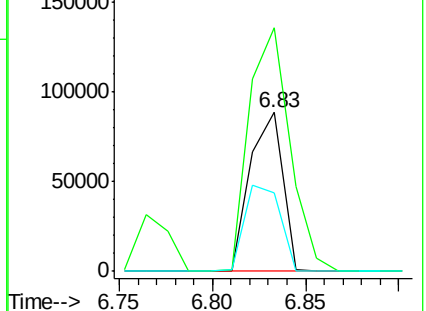
115 49.2 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.65 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

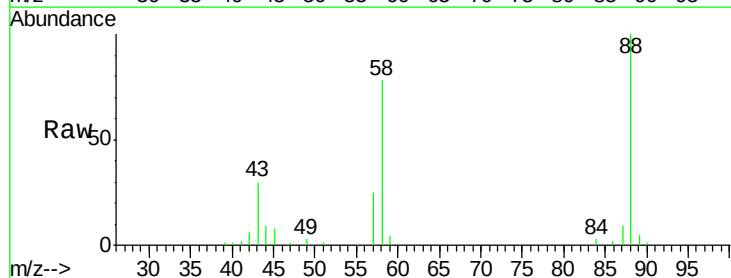
Tgt Ion: 88 Resp: 115087

Ion Ratio Lower Upper

88 100

58 72.8 0.0 0.0#

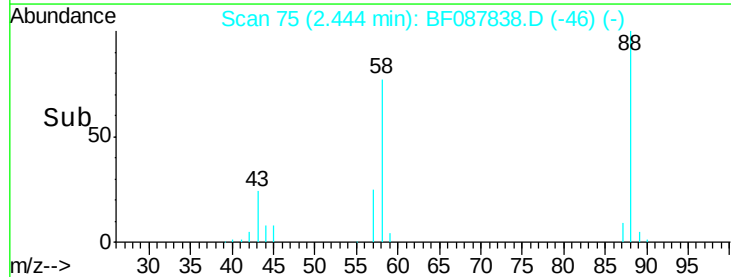
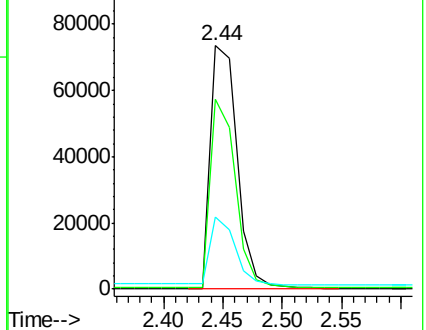
43 27.7 3.4 5.2#

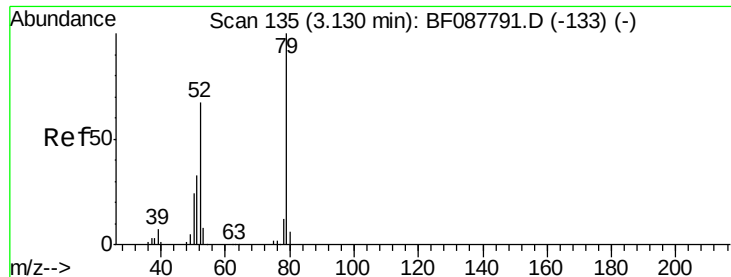


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.16 ng

RT: 3.19 min Scan# 140

Delta R.T. 0.06 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

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SB-13-COMP-0.5-11.0MS

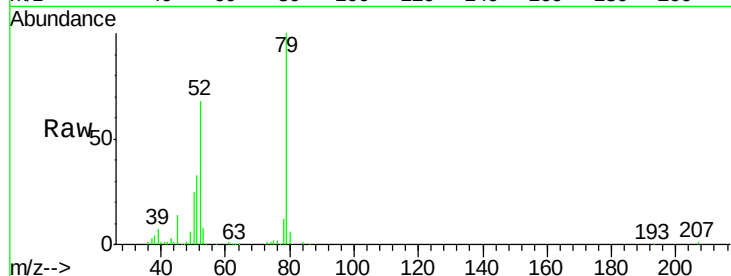
Tgt Ion: 79 Resp: 340387

Ion Ratio Lower Upper

79 100

52 67.6 56.3 84.5

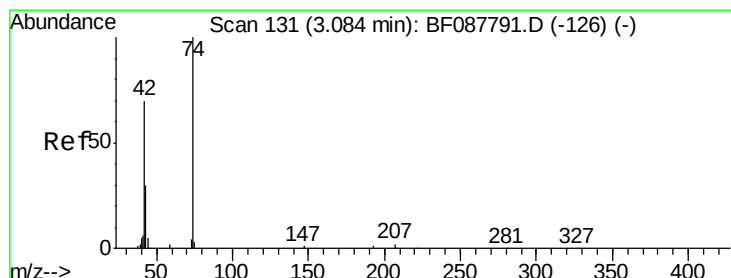
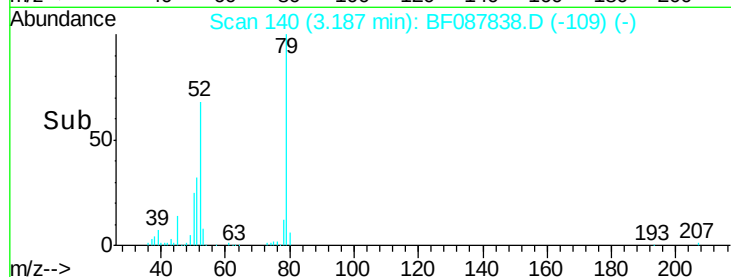
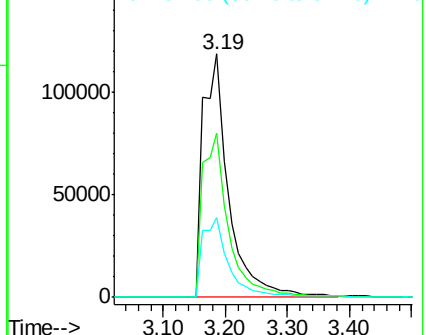
51 32.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 54.70 ng

RT: 3.12 min Scan# 134

Delta R.T. 0.03 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

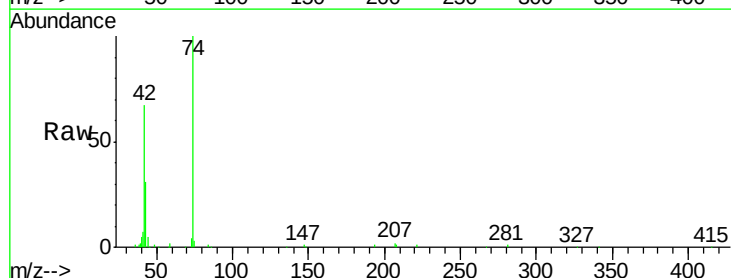
Tgt Ion: 42 Resp: 167187

Ion Ratio Lower Upper

42 100

74 148.2 108.6 163.0

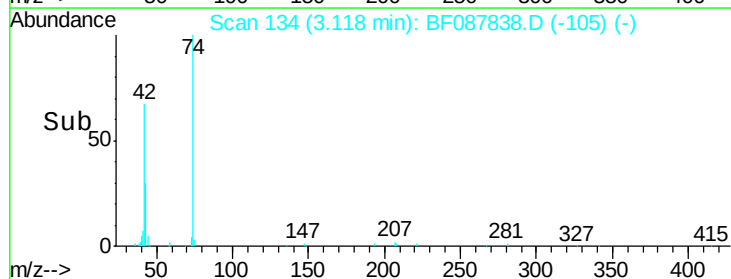
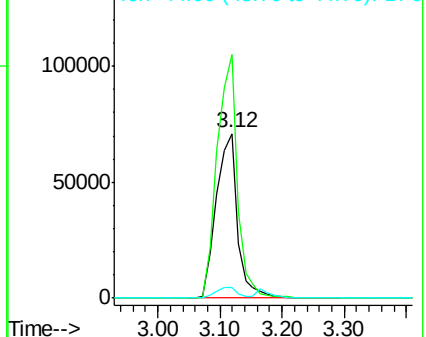
44 6.9 5.5 8.3

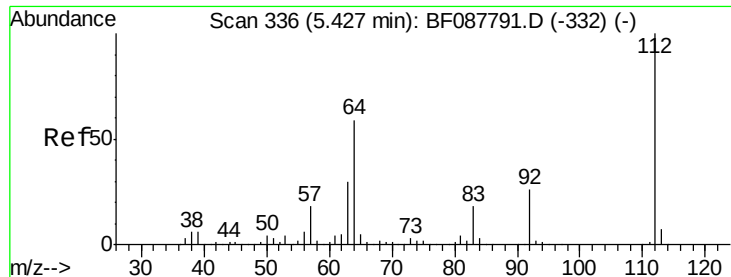


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 152.38 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

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ClientSampleId :

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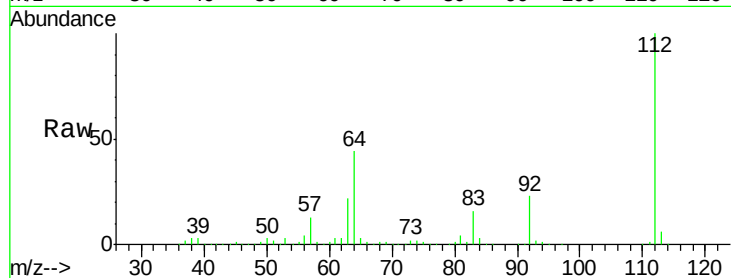
Tgt Ion: 112 Resp: 958635

Ion Ratio Lower Upper

112 100

64 43.5 42.2 63.2

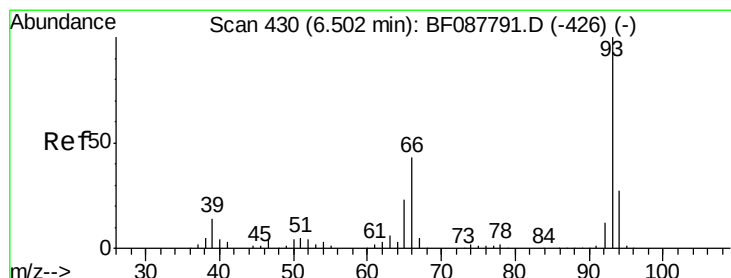
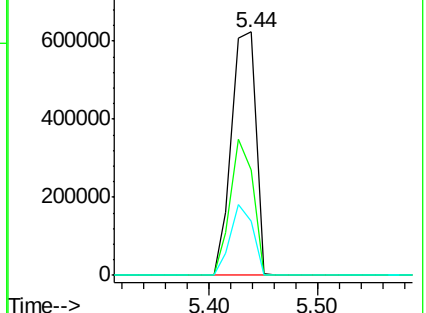
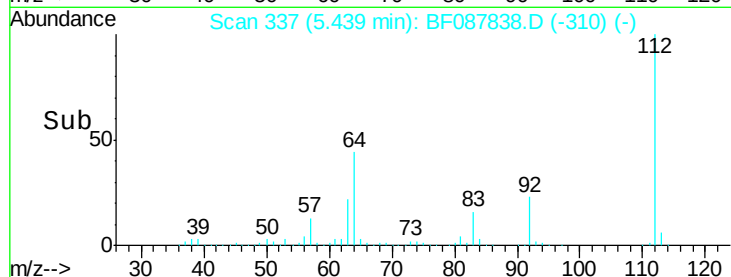
63 22.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.28 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

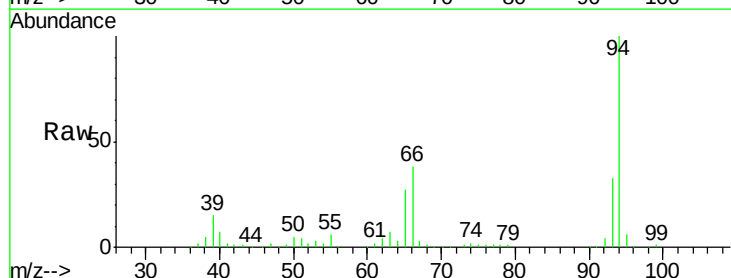
Tgt Ion: 93 Resp: 317722

Ion Ratio Lower Upper

93 100

66 116.8 29.8 44.8#

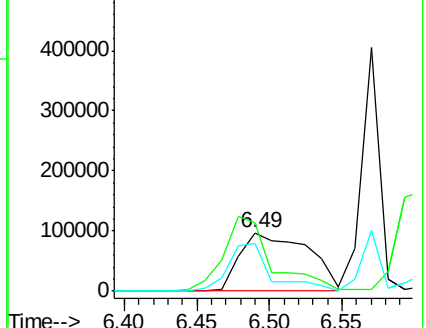
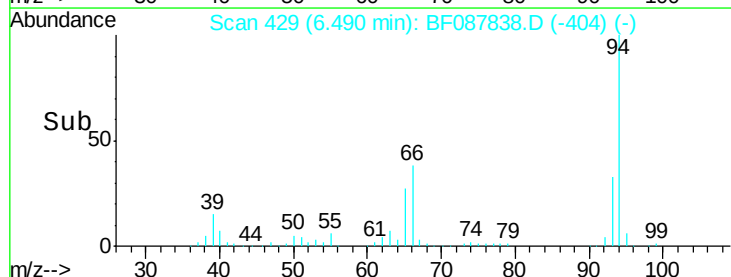
65 81.2 14.9 22.3#

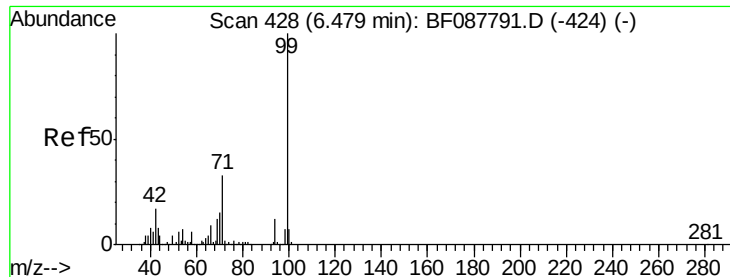


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 155.21 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

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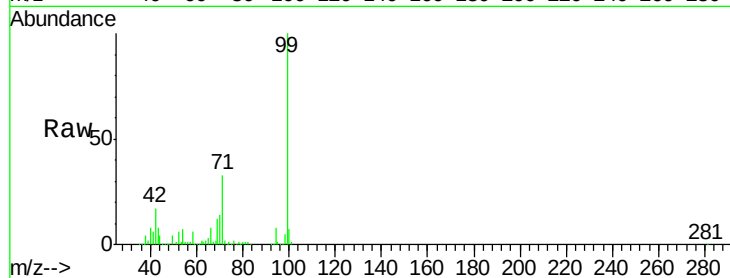
Tgt Ion: 99 Resp: 1183354

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

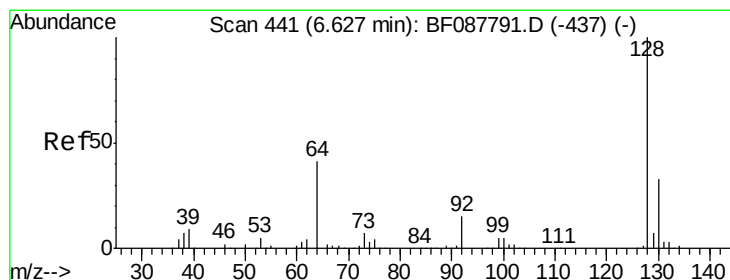
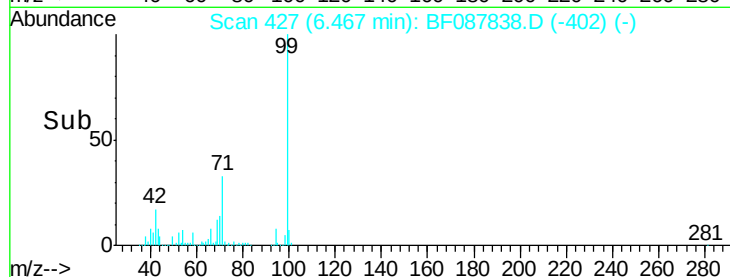
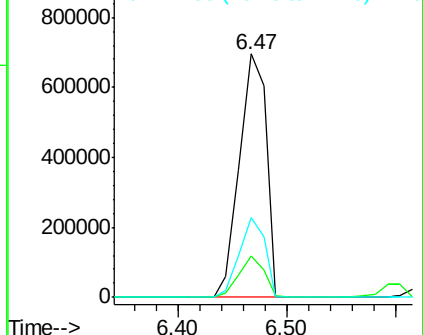
71 32.9 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.96 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

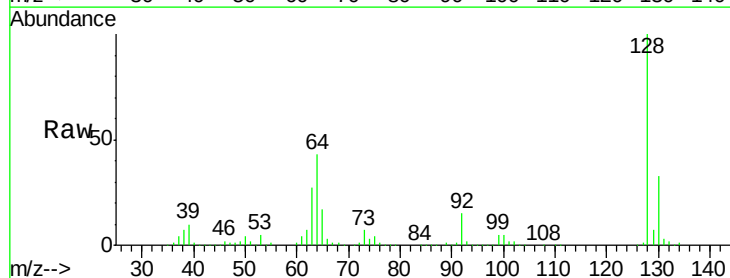
Tgt Ion: 128 Resp: 371978

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

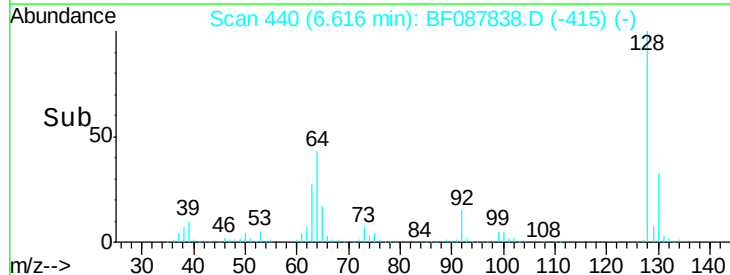
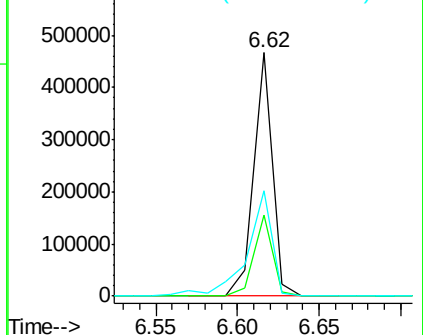
64 43.2 30.8 70.8

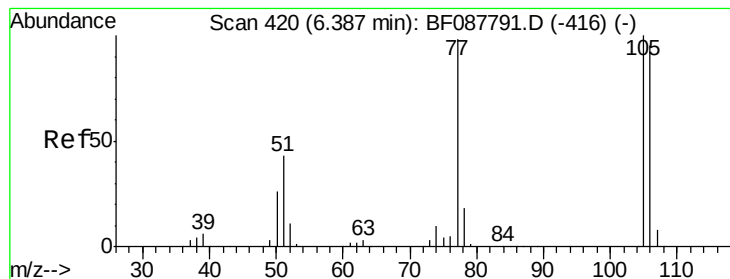


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

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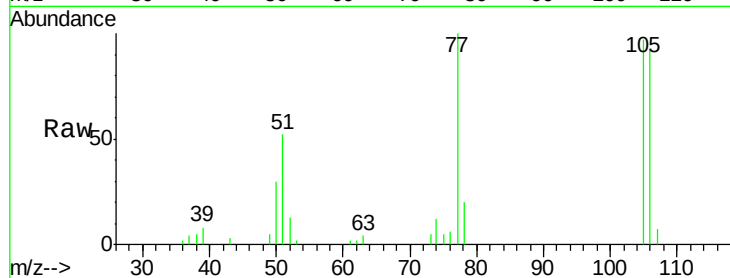
Tgt Ion: 77 Resp: 23156

Ion Ratio Lower Upper

77 100

105 97.2 90.6 130.6

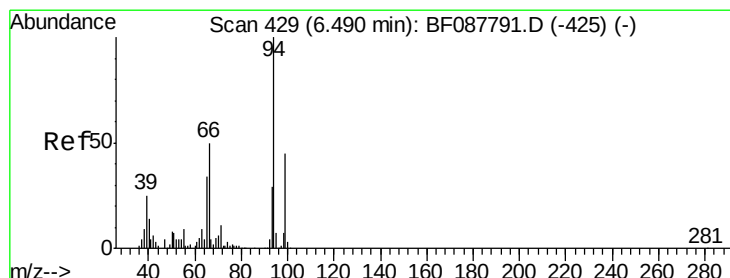
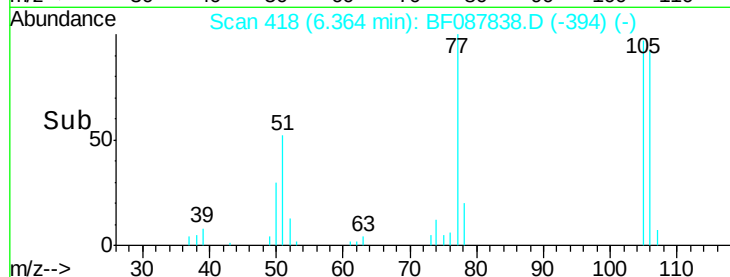
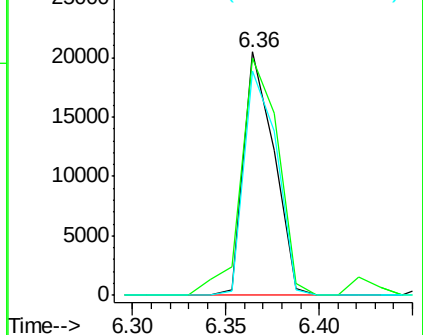
106 92.4 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.51 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

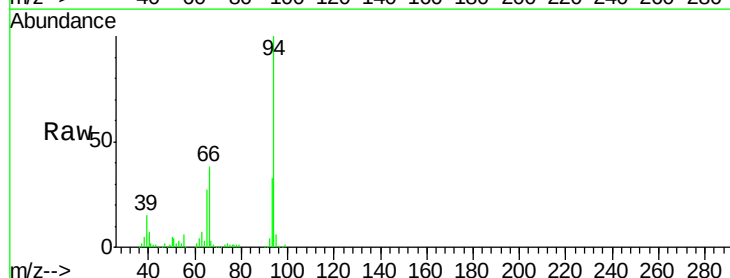
Tgt Ion: 94 Resp: 402620

Ion Ratio Lower Upper

94 100

65 26.5 5.9 45.9

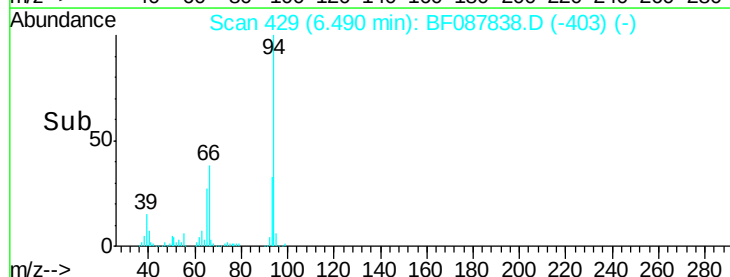
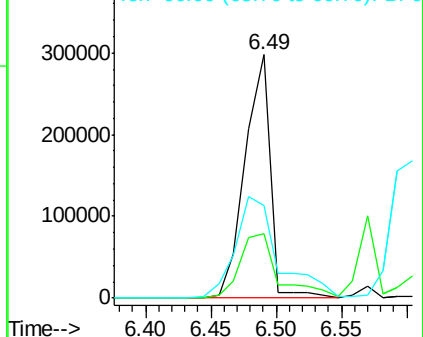
66 38.2 14.0 54.0

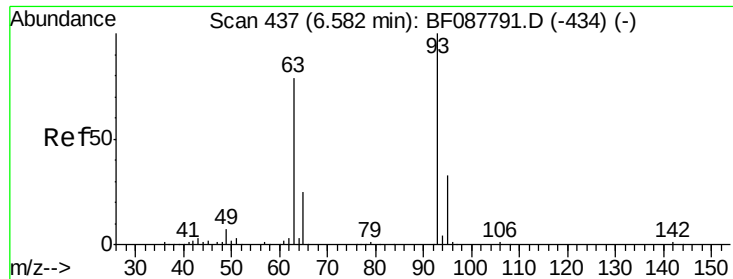


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

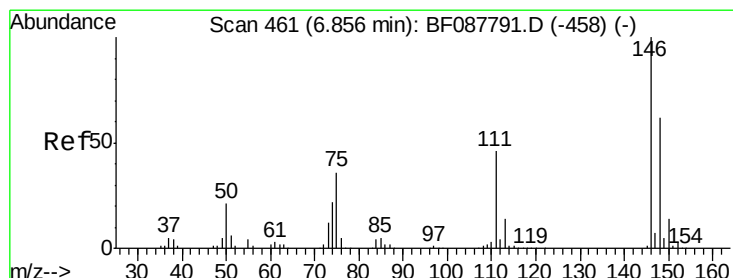
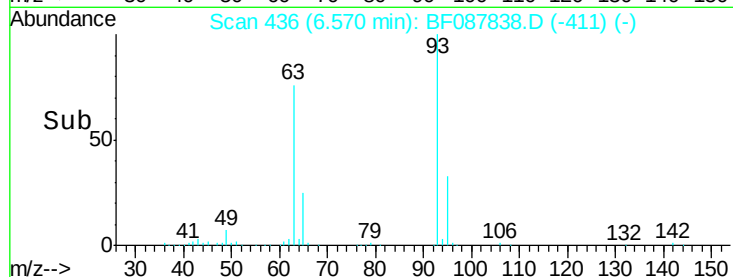
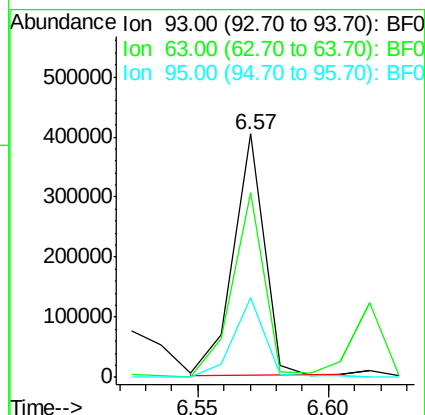
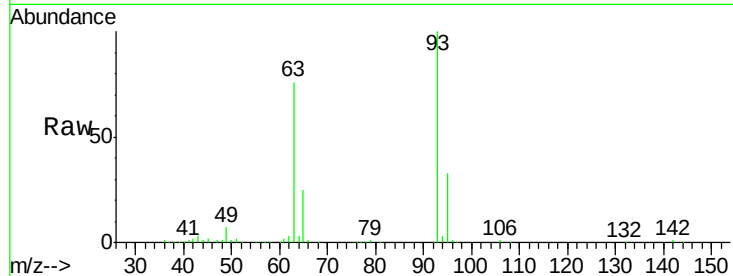




#11
 bis(2-Chloroethyl)ether
 Concen: 49.82 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

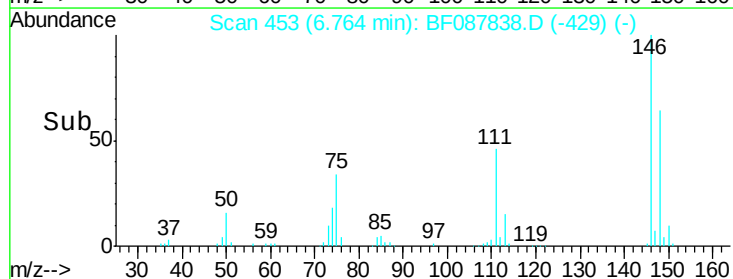
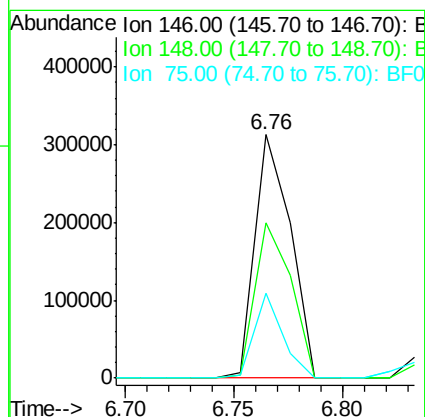
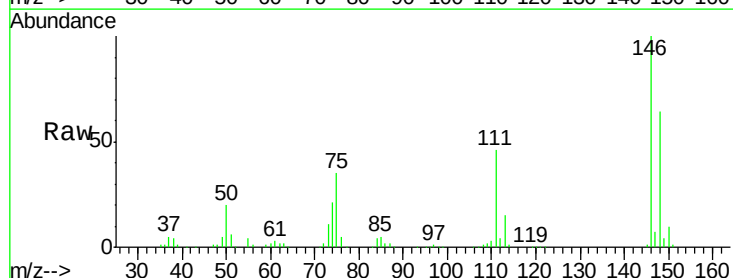
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

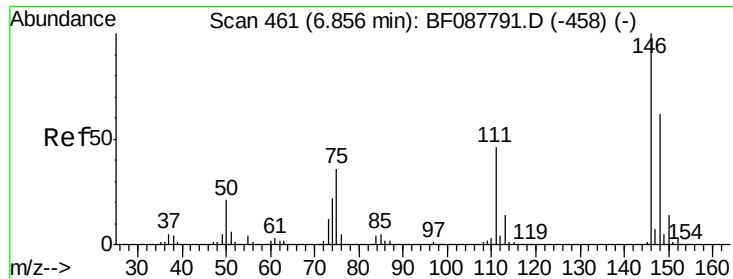
Tgt Ion: 93 Resp: 333087
 Ion Ratio Lower Upper
 93 100
 63 75.6 67.6 107.6
 95 32.8 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 44.59 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion: 146 Resp: 356199
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.9 76.3
 75 34.8 25.6 38.4

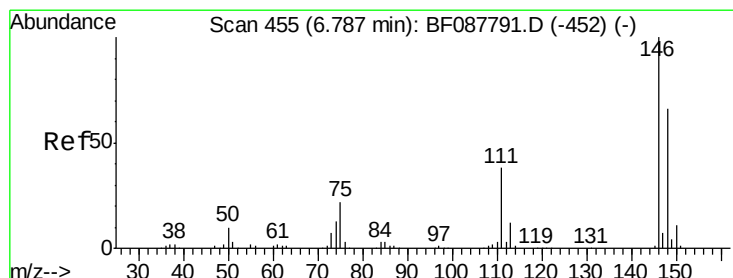
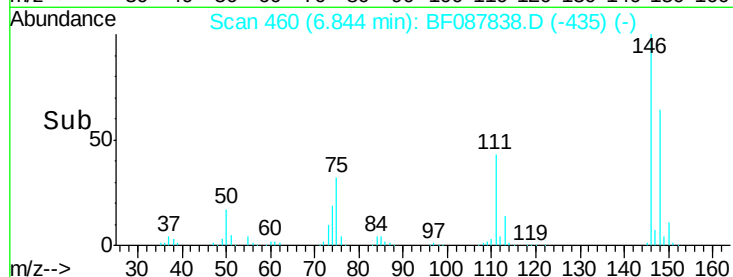
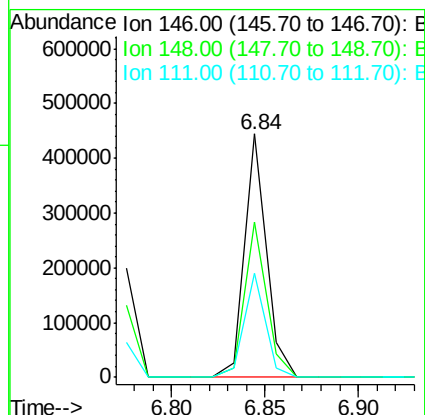
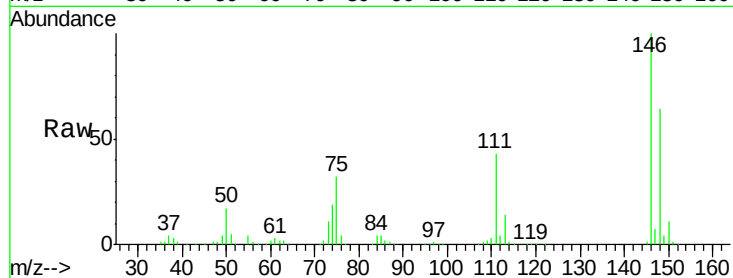




#13
 1,4-Dichlorobenzene
 Concen: 45.68 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

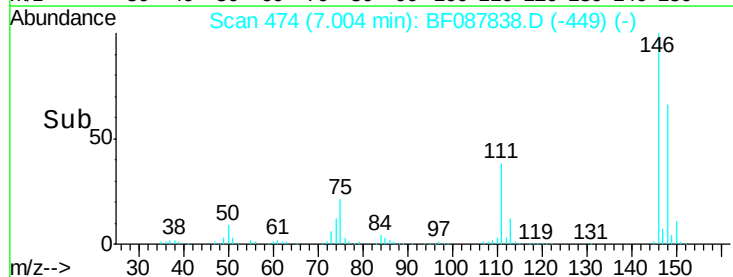
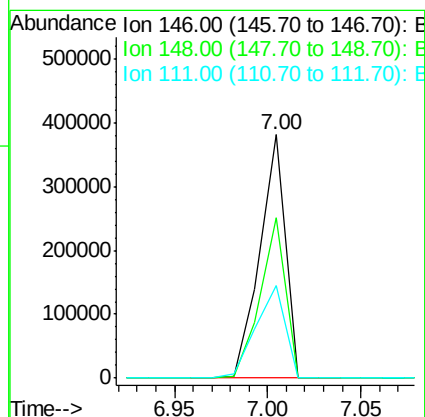
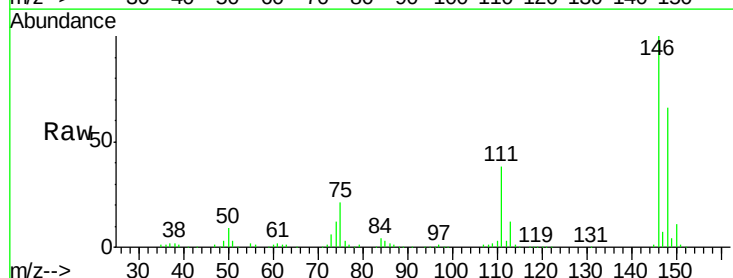
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

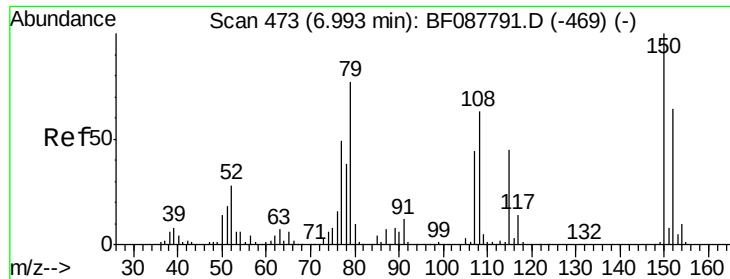
Tgt Ion:146 Resp: 367609
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.0 78.0
 111 42.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 49.09 ng
 RT: 7.00 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion:146 Resp: 359281
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 37.9 28.7 43.1

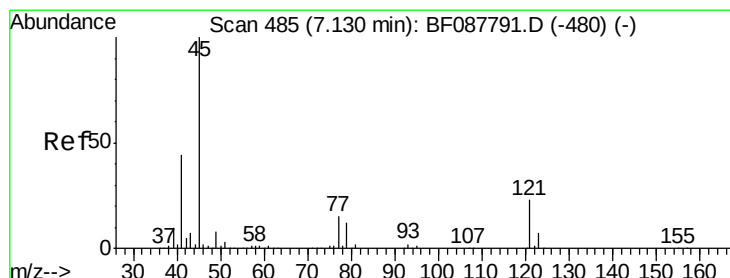
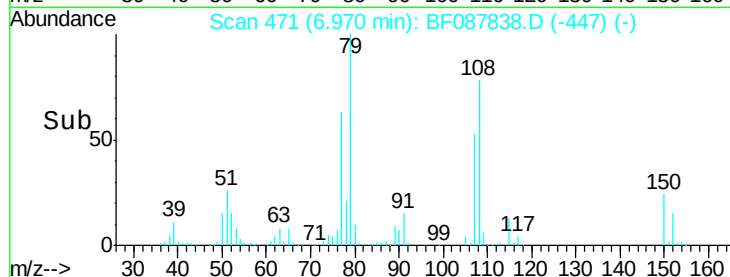
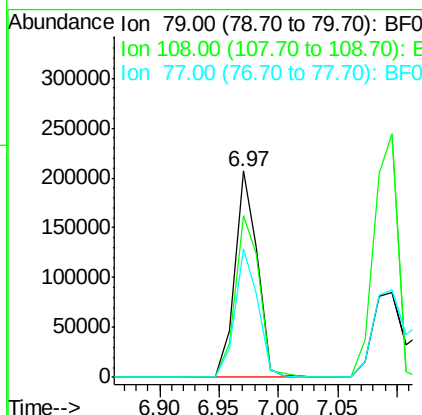
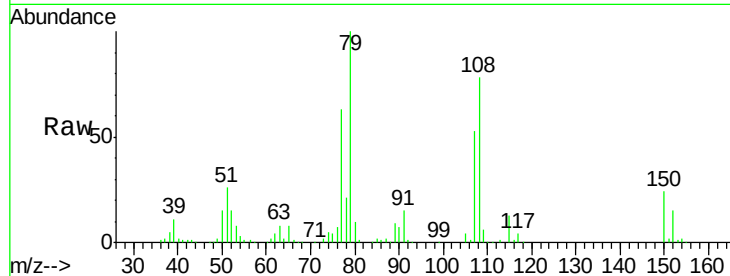




#15
Benzyl Alcohol
Concen: 45.67 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

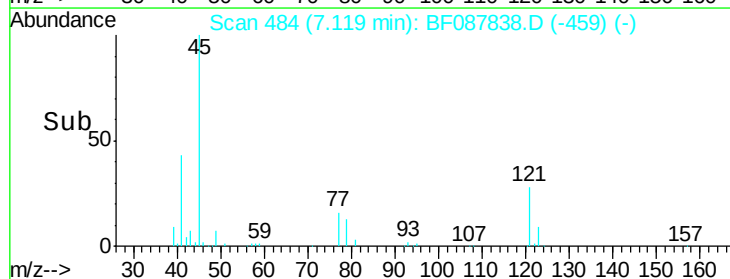
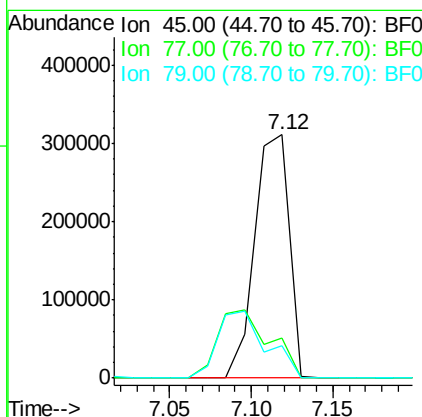
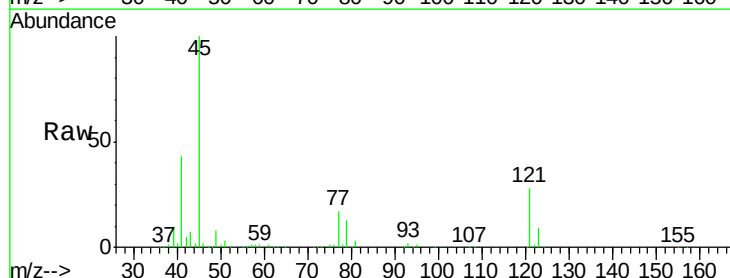
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

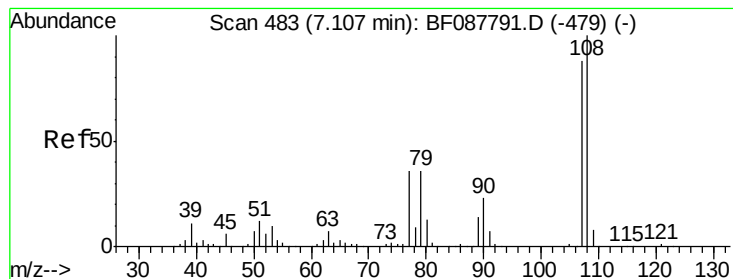
Tgt Ion: 79 Resp: 272392
Ion Ratio Lower Upper
79 100
108 78.2 65.0 97.6
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.57 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion: 45 Resp: 456740
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.5
79 13.4 0.0 29.5





#17

2-Methylphenol

Concen: 49.18 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tgt Ion:107 Resp: 296947

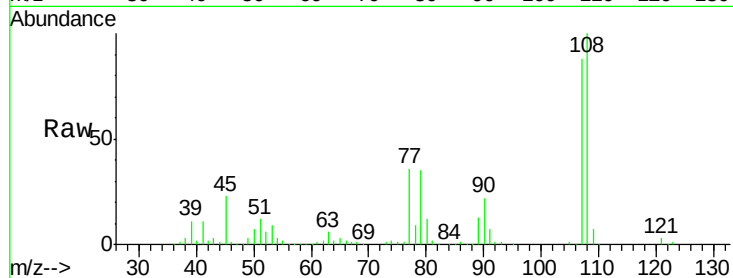
Ion Ratio Lower Upper

107 100

108 113.9 90.9 136.3

77 41.0 36.6 55.0

79 39.8 36.5 54.7

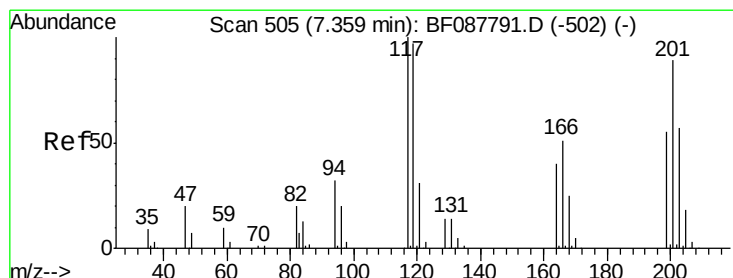
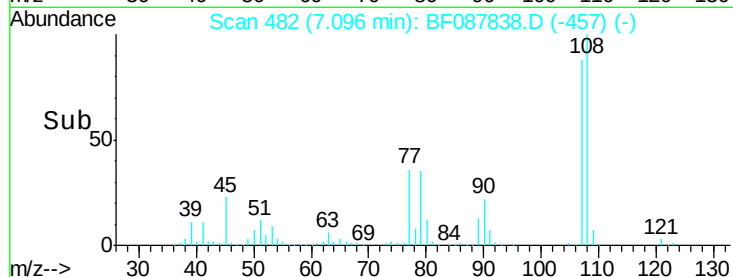
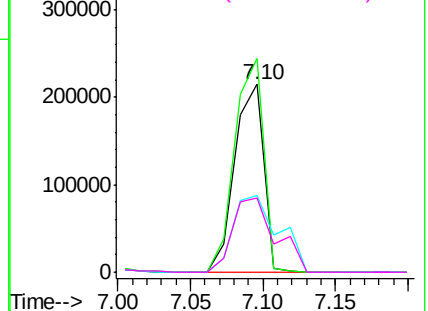


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.67 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

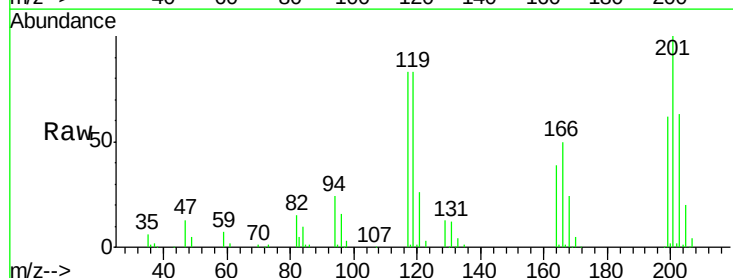
Tgt Ion:117 Resp: 116136

Ion Ratio Lower Upper

117 100

119 98.9 77.4 116.2

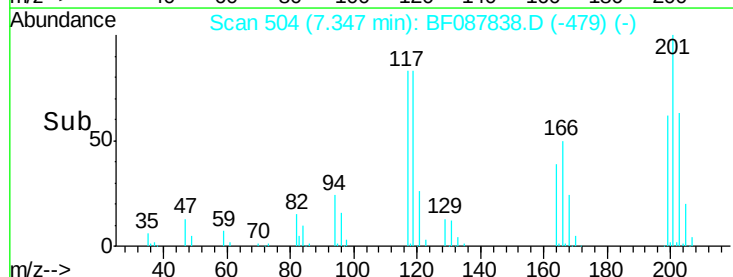
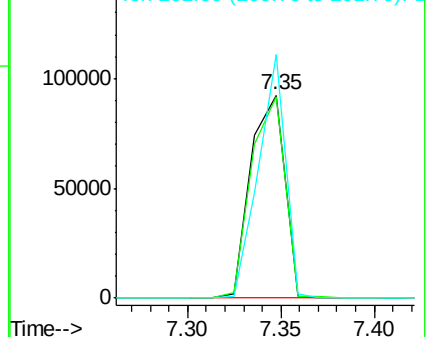
201 119.9 80.4 120.6

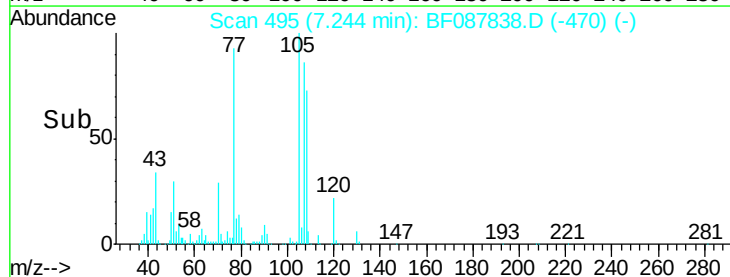
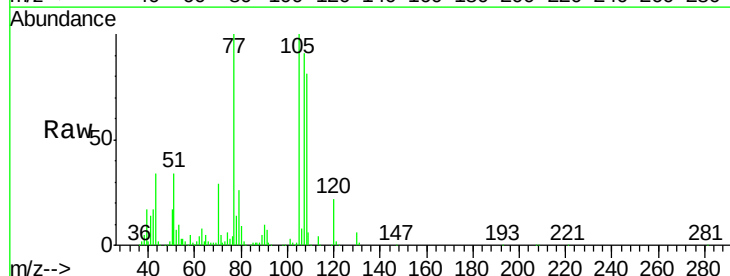
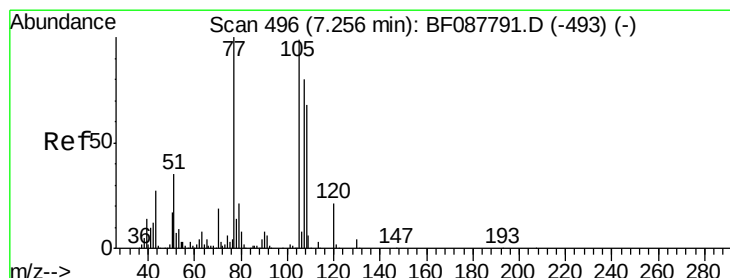
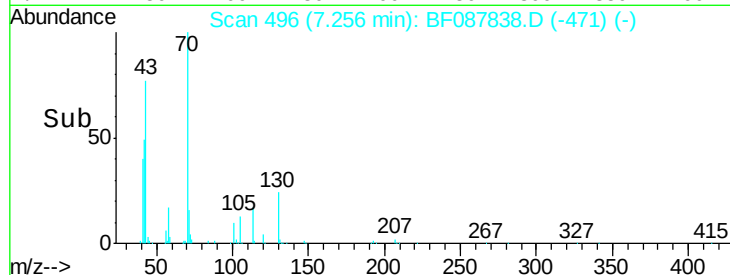
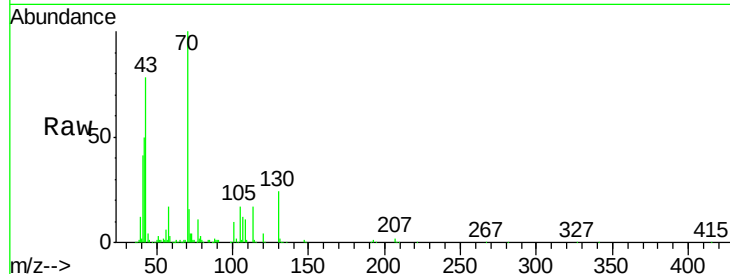
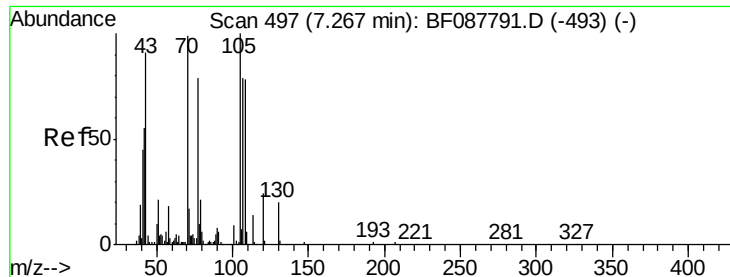


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

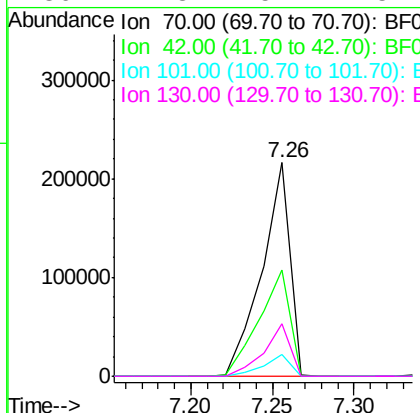




#19
n-Nitroso-di-n-propylamine
Concen: 53.35 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

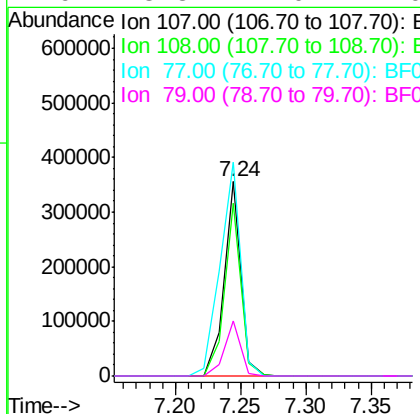
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

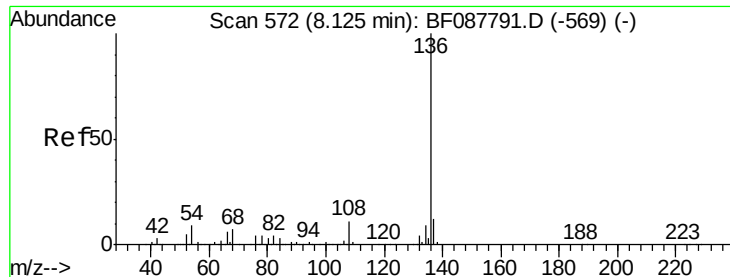
Tgt Ion: 70 Resp: 260191
Ion Ratio Lower Upper
70 100
42 49.5 49.6 74.4#
101 10.1 7.1 10.7
130 24.3 15.4 23.2#



#20
3+4-Methylphenols
Concen: 45.14 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion: 107 Resp: 318063
Ion Ratio Lower Upper
107 100
108 89.2 67.8 107.8
77 110.0 59.3 99.3#
79 28.3 7.0 47.0

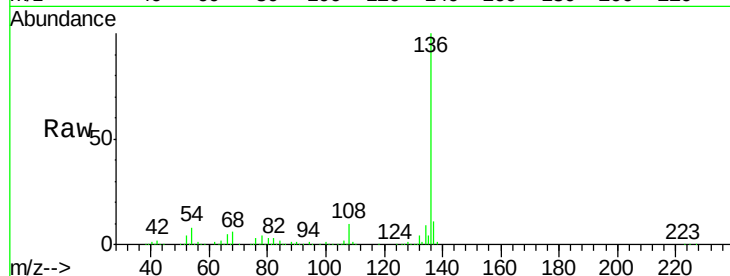




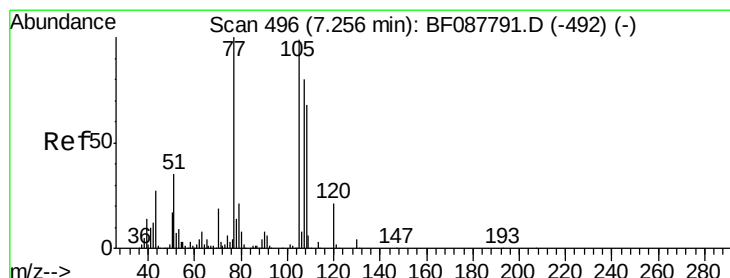
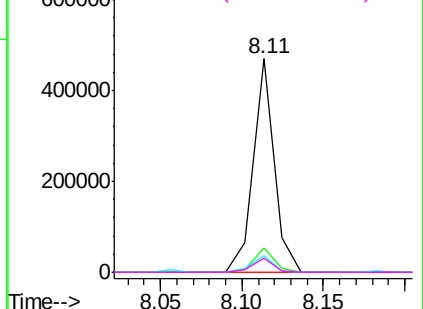
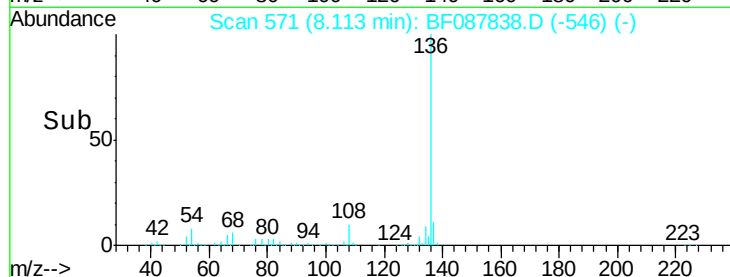
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:	136	Resp:	419468
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.1	7.7

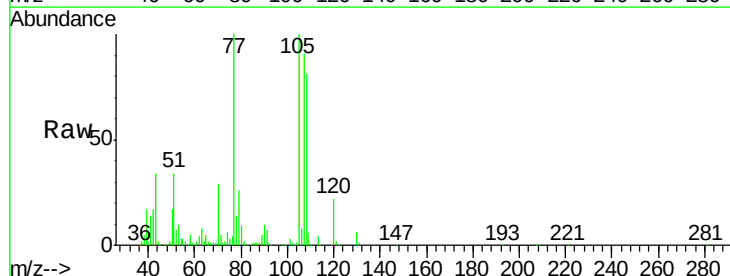


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

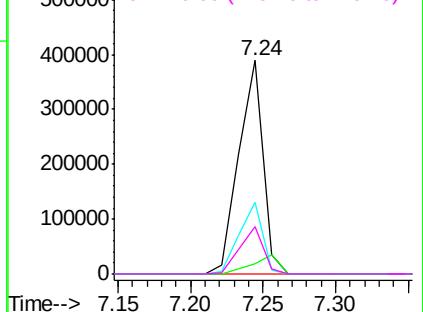
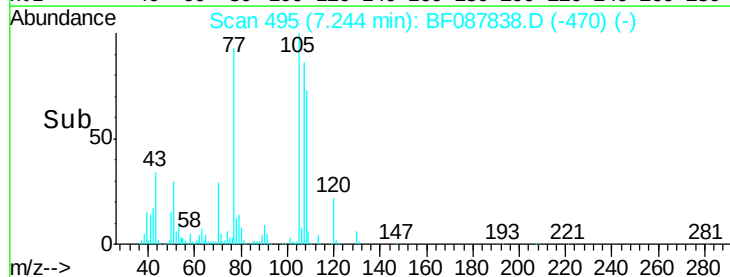


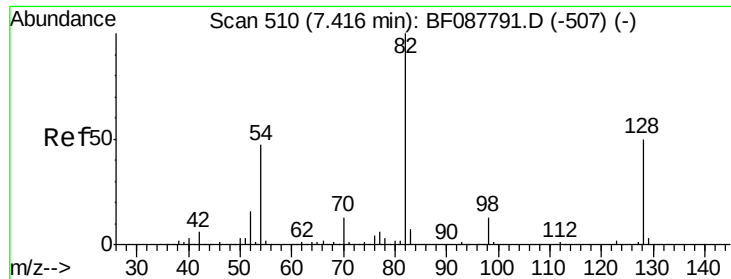
#22
Acetophenone
Concen: 48.19 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:	105	Resp:	451712
Ion Ratio	Lower	Upper	
105	100		
71	4.7	5.3	7.9#
51	33.9	18.2	27.4#
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

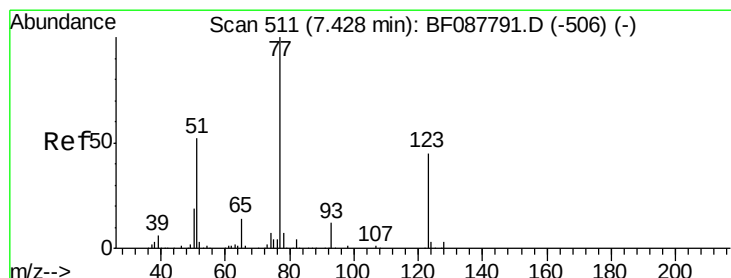
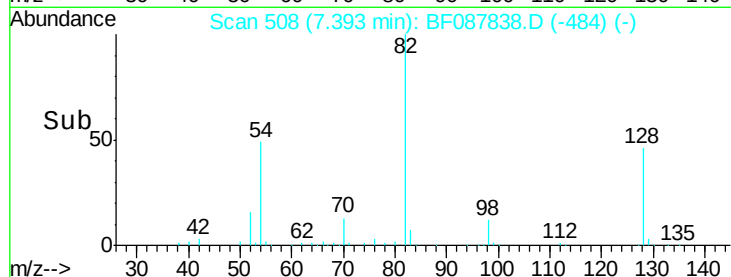
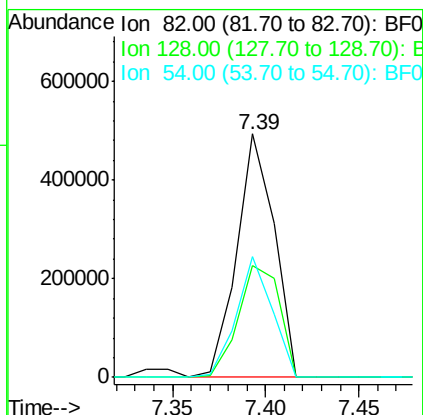
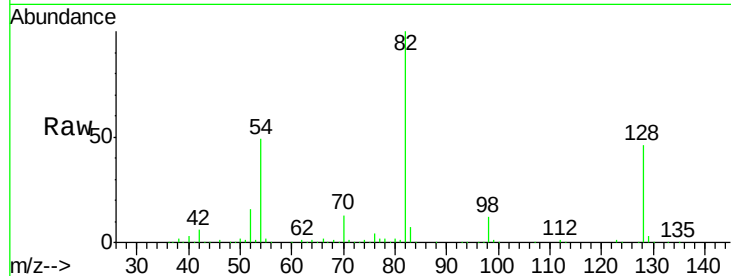




#23
 Nitrobenzene-d5
 Concen: 95.57 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

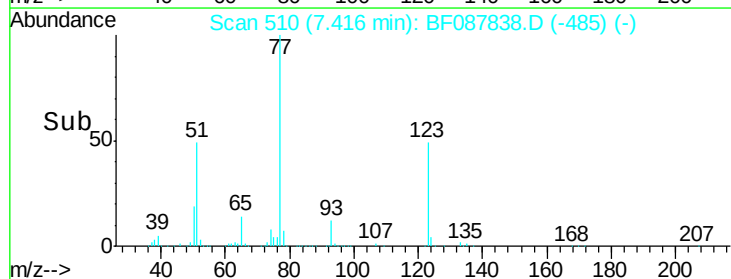
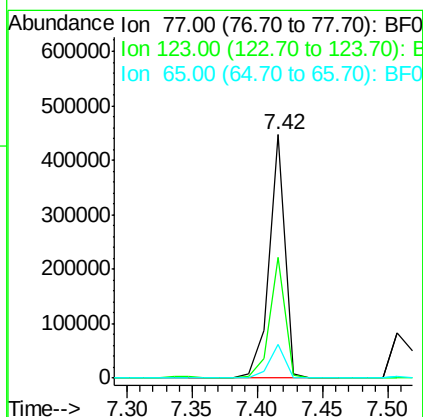
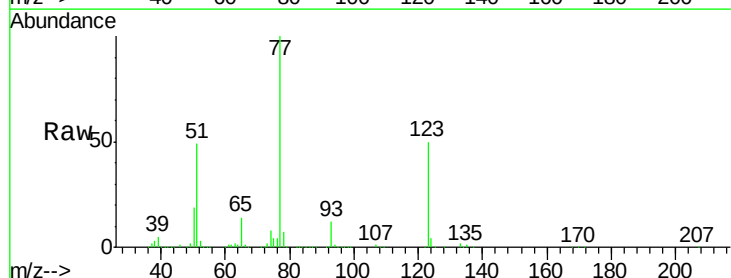
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

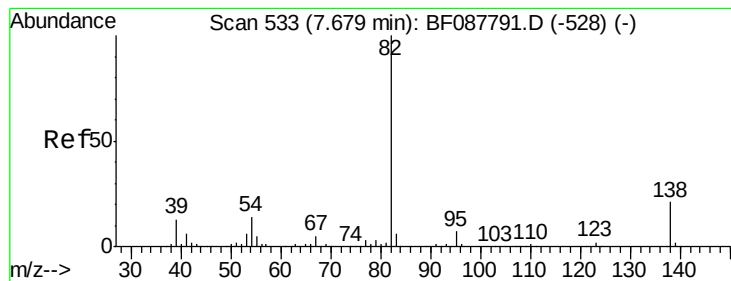
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.9	53.9
54	49.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 54.50 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	45.0	67.4
65	13.6	10.2	15.2





#25

Isophorone

Concen: 49.37 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

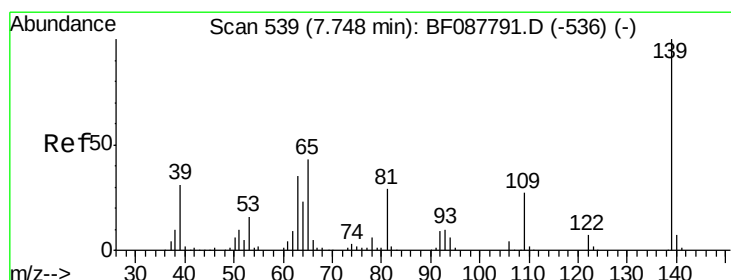
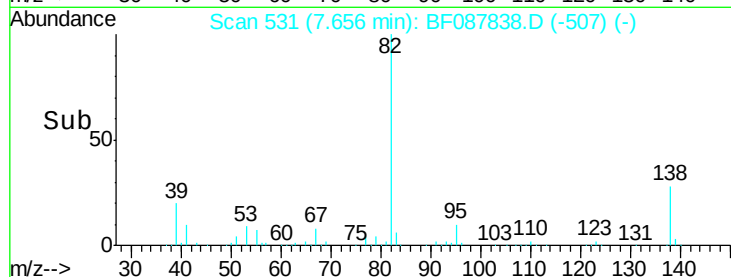
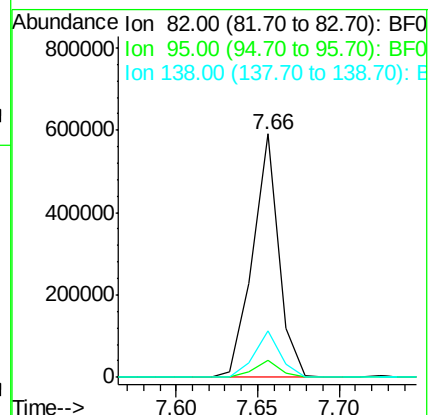
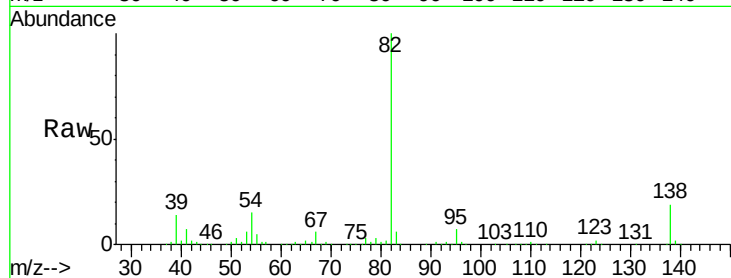
Tgt Ion: 82 Resp: 656930

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 19.3 14.6 21.8



#26

2-Nitrophenol

Concen: 48.51 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

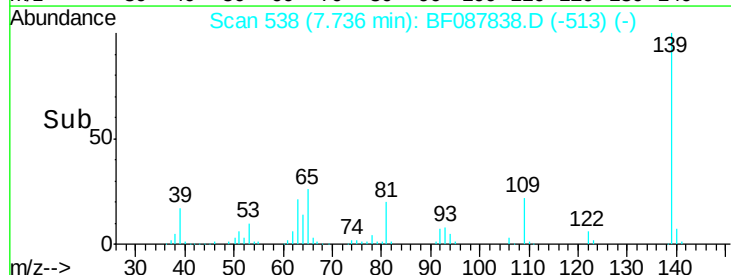
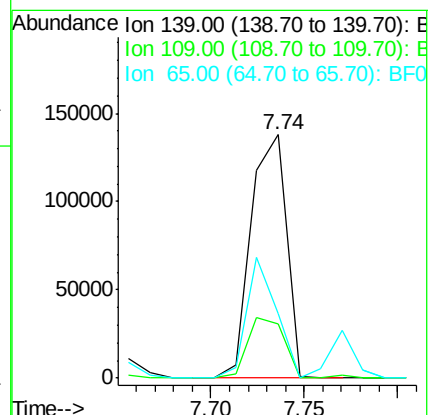
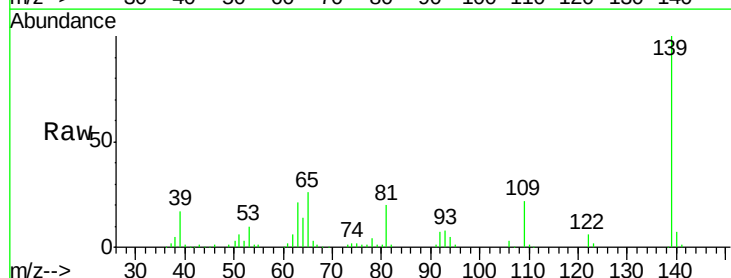
Tgt Ion: 139 Resp: 180806

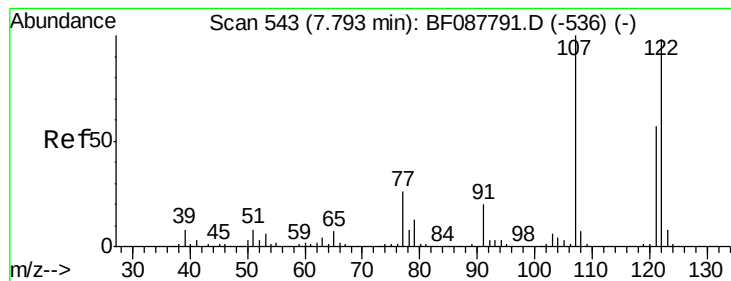
Ion Ratio Lower Upper

139 100

109 22.0 23.0 34.4#

65 26.4 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 42.41 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

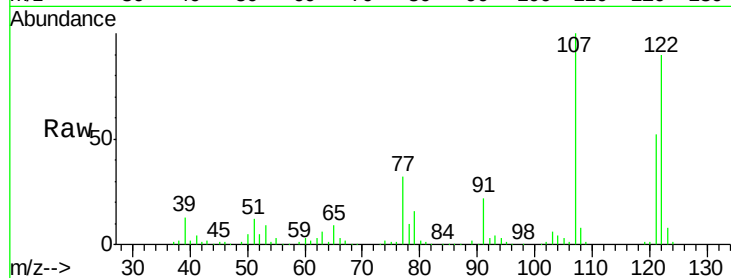
Tgt Ion: 122 Resp: 291088

Ion Ratio Lower Upper

122 100

107 111.3 82.4 123.6

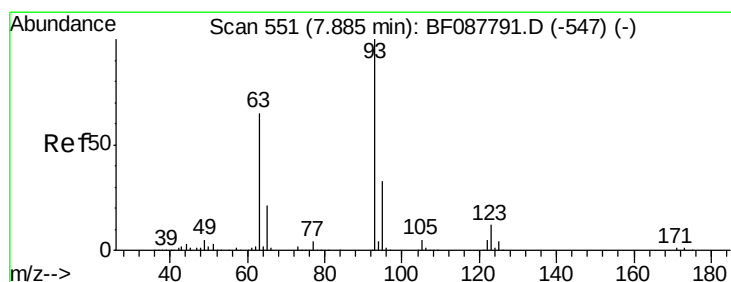
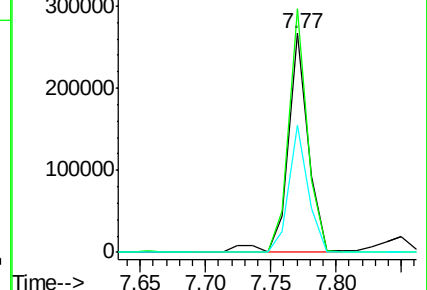
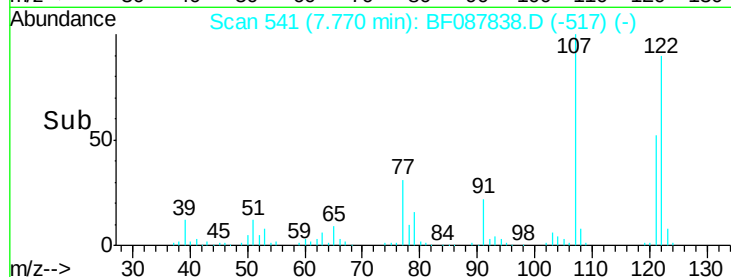
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.28 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

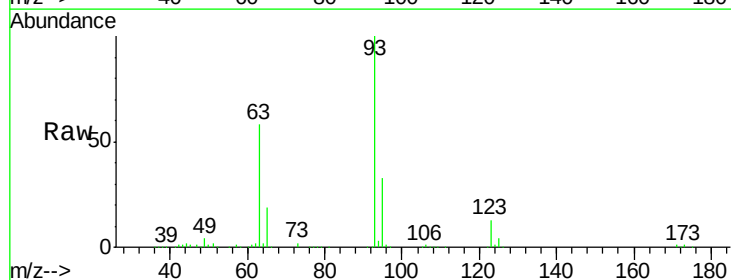
Tgt Ion: 93 Resp: 447926

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

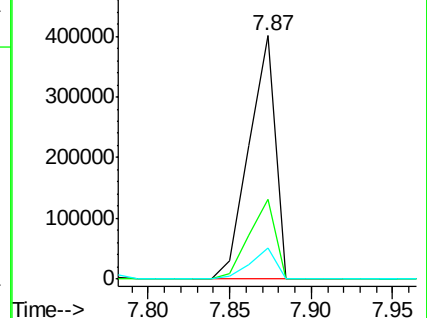
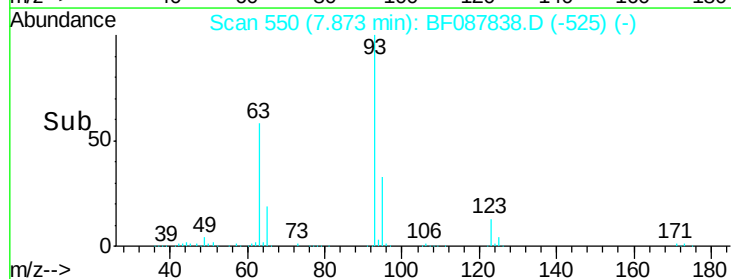
123 12.6 11.6 17.4

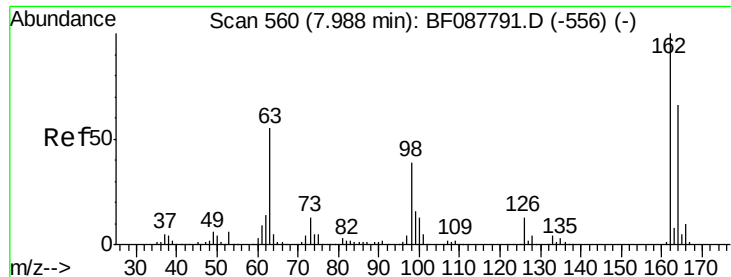


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

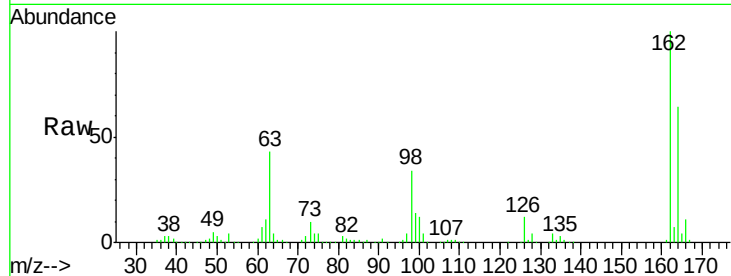




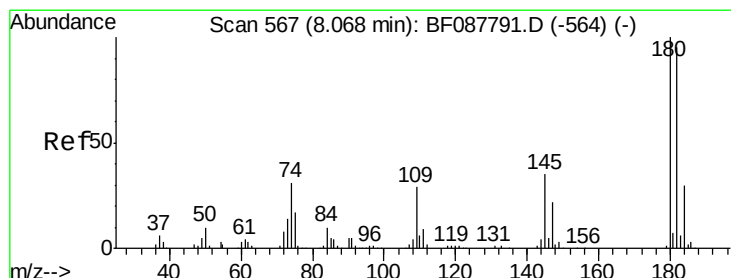
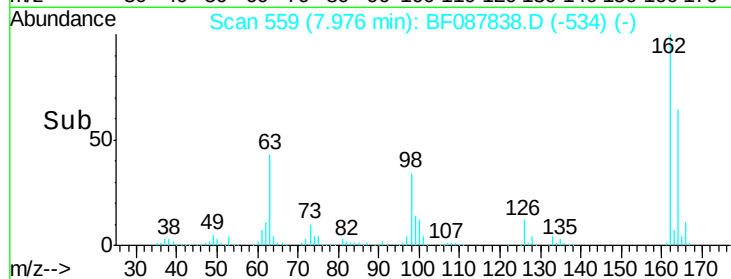
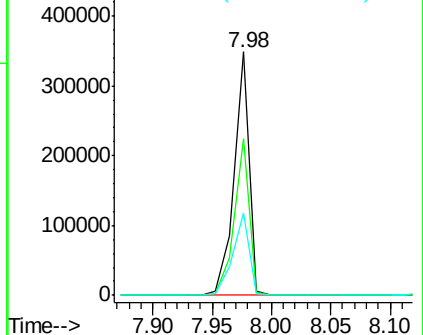
#29
 2,4-Dichlorophenol
 Concen: 53.64 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	33.6	21.3	61.3

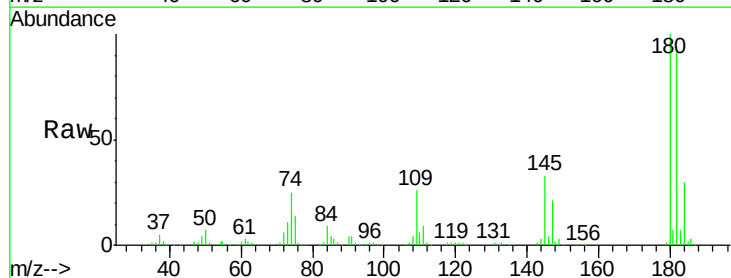


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

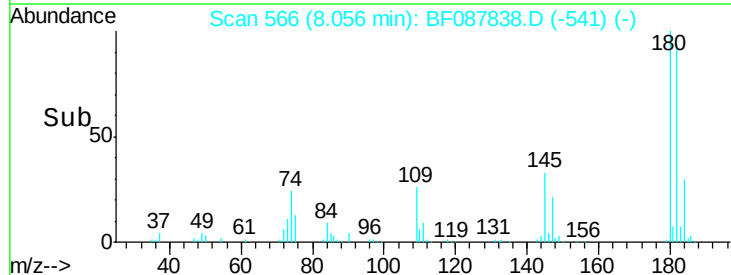
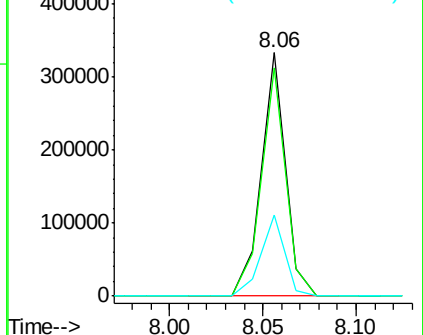


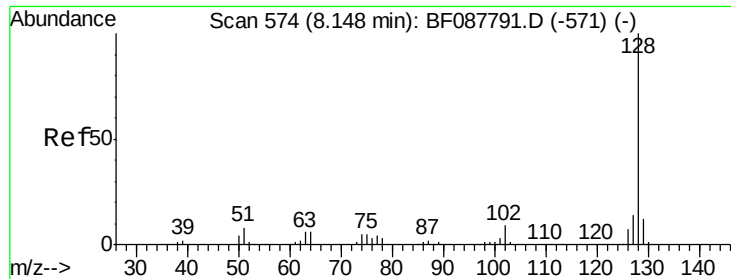
#30
 1,2,4-Trichlorobenzene
 Concen: 47.64 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.0	114.0
145	33.3	26.5	39.7



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

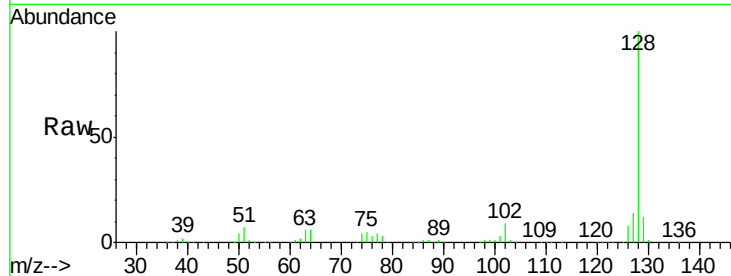




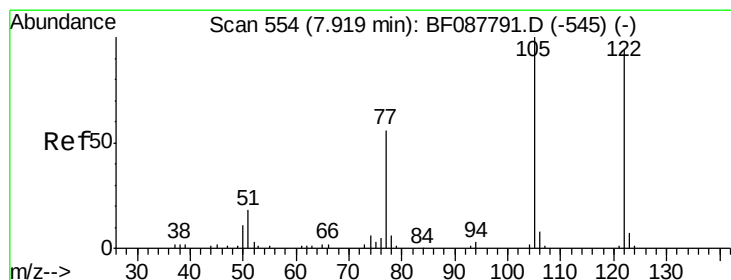
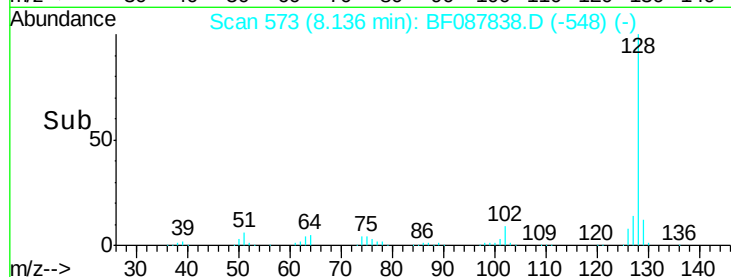
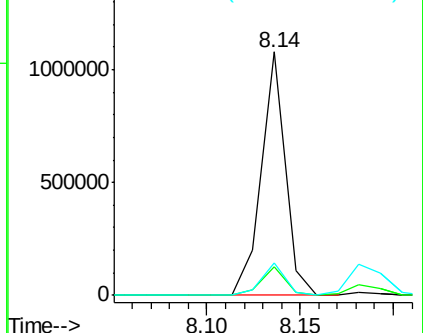
#31
Naphthalene
Concen: 46.03 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:128 Resp: 955579
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

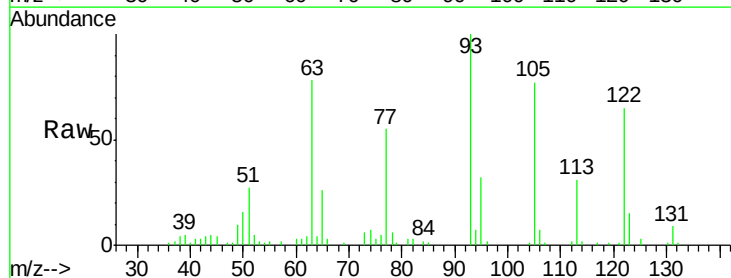


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

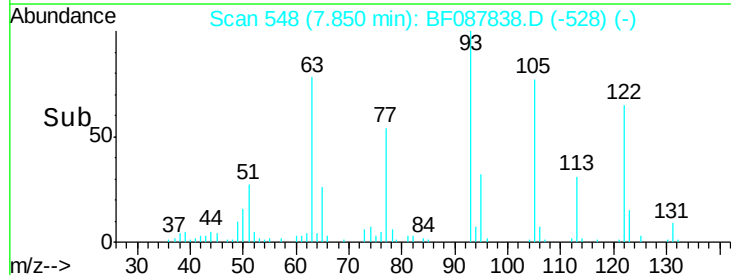
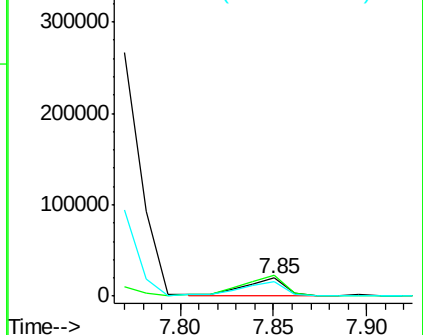


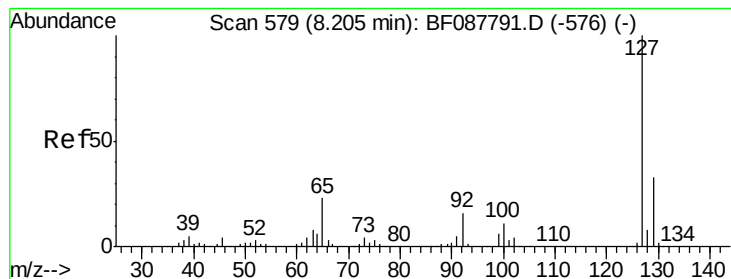
#32
Benzoic acid
Concen: 7.69 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:122 Resp: 29050
Ion Ratio Lower Upper
122 100
105 118.8 101.6 141.6
77 84.9 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.84 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

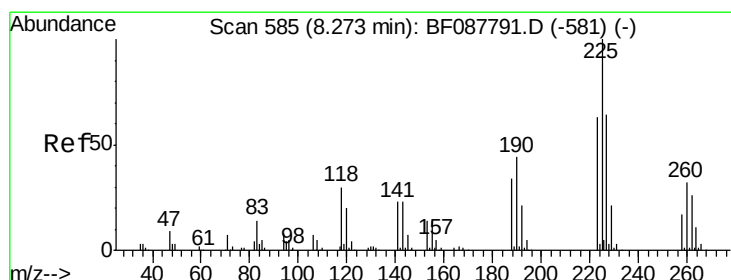
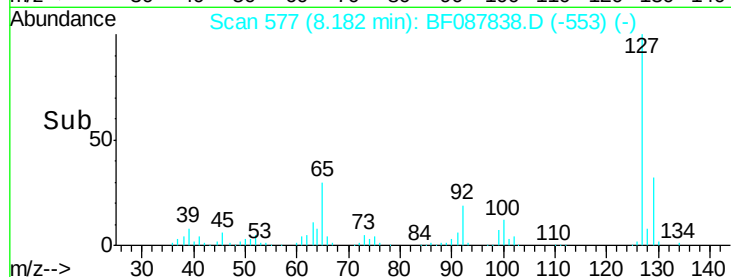
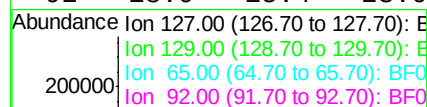
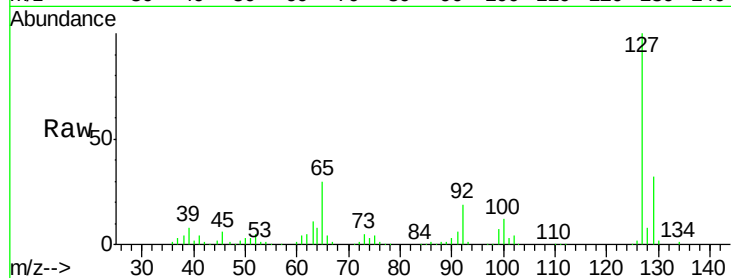
Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tgt Ion:	127	Resp:	193175
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	30.2	24.7	37.1
92	18.9	15.4	23.0



#34

Hexachlorobutadiene

Concen: 47.45 ng

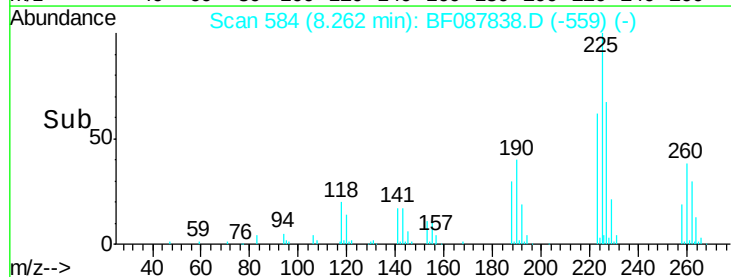
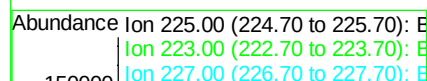
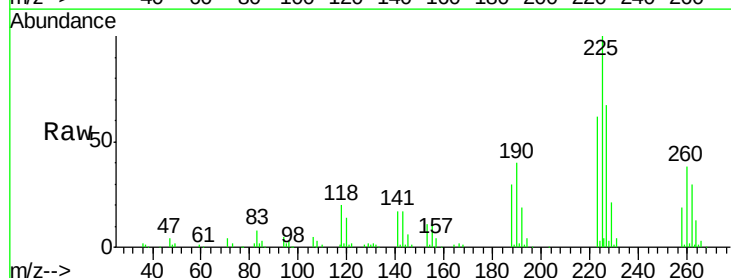
RT: 8.26 min Scan# 584

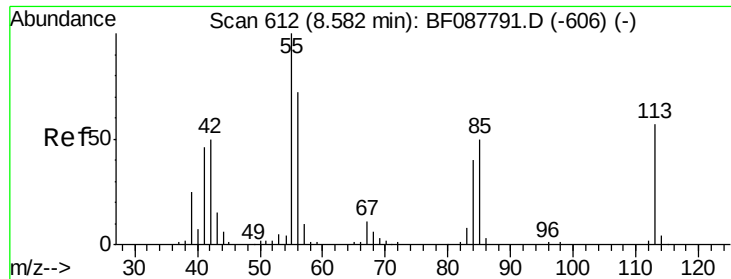
Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	225	Resp:	156139
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.9	76.3
227	66.9	51.9	77.9





#35

Caprolactam

Concen: 44.88 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

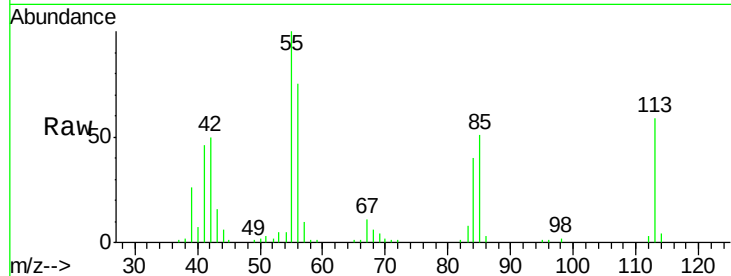
Tgt Ion:113 Resp: 85180

Ion Ratio Lower Upper

113 100

55 168.5 158.6 198.6

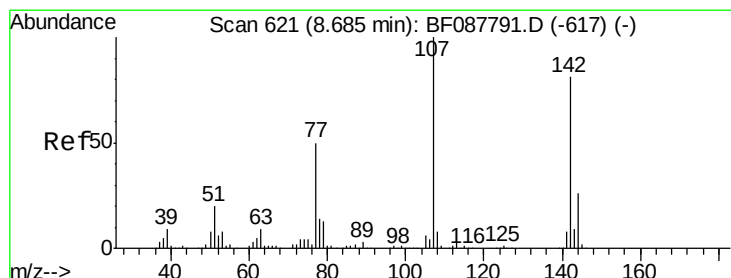
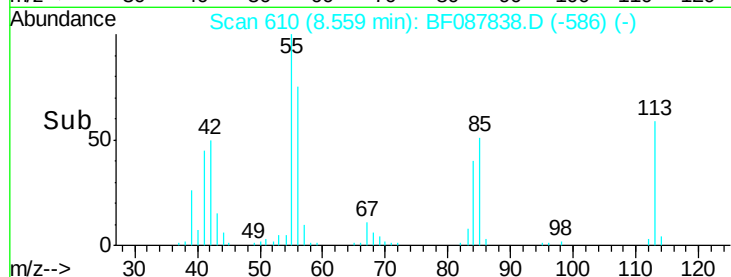
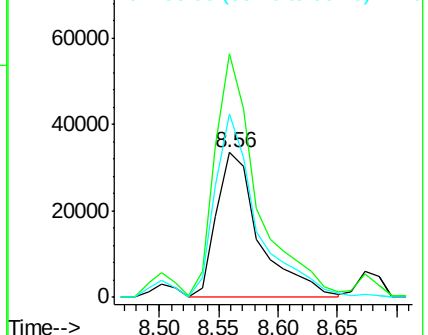
56 127.0 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.00 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

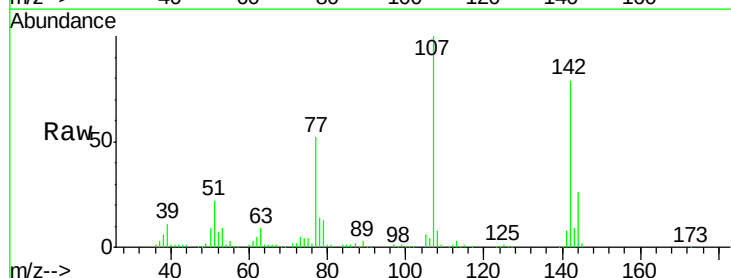
Tgt Ion:107 Resp: 281893

Ion Ratio Lower Upper

107 100

144 25.7 20.8 31.2

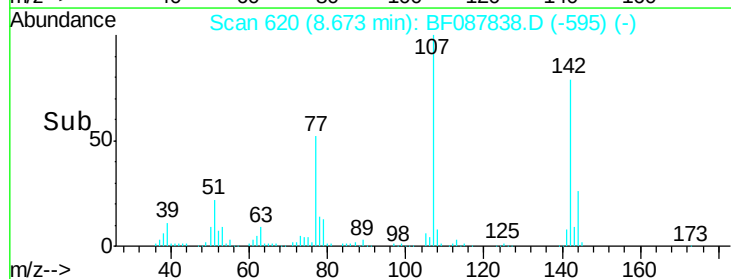
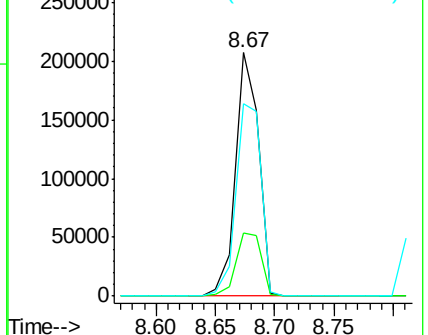
142 79.0 63.4 95.2

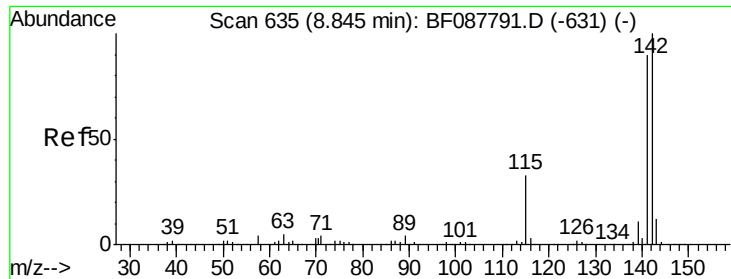


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

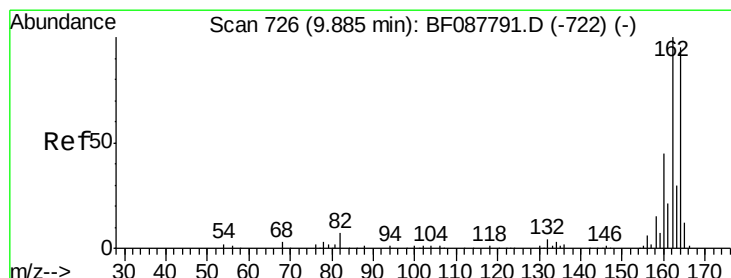
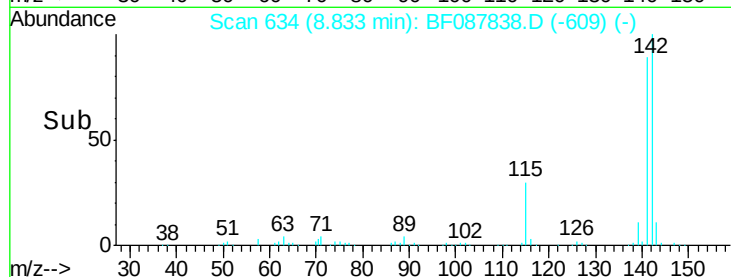
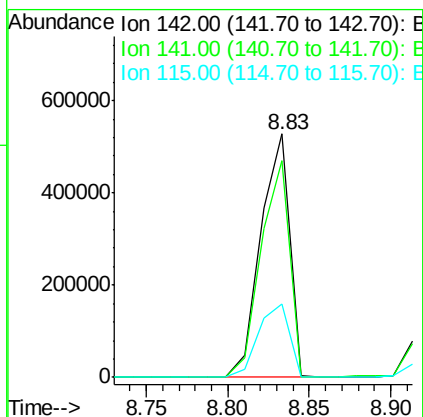
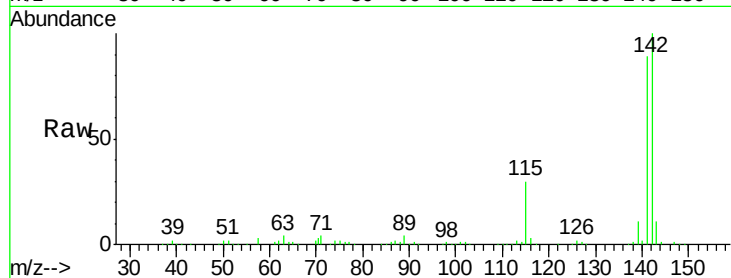




#37
 2-Methylnaphthalene
 Concen: 47.52 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

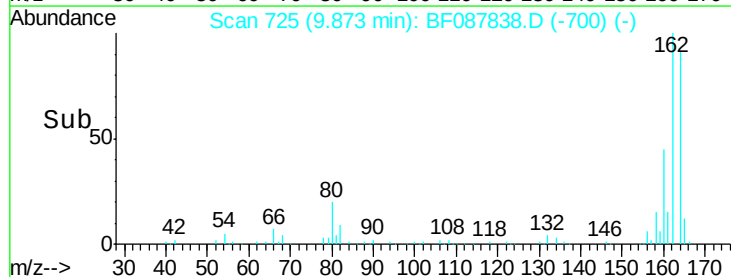
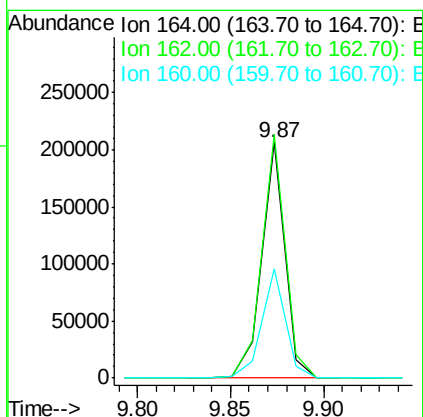
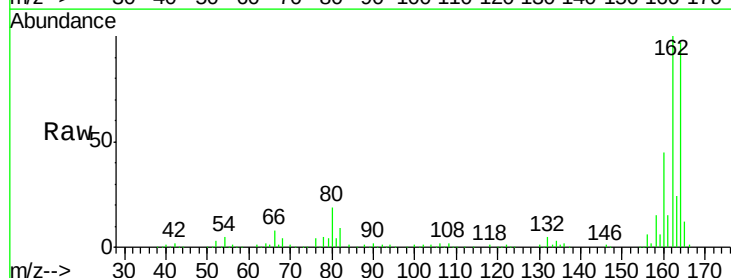
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

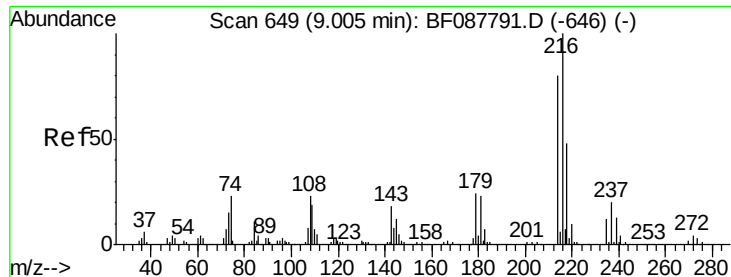
Tgt Ion:142 Resp: 650151
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 30.0 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion:164 Resp: 175818
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.4 128.2
 160 46.5 39.5 59.3

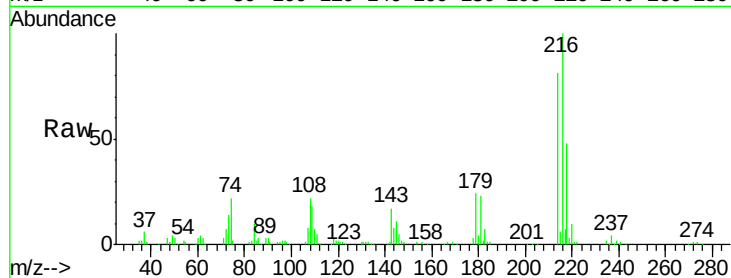




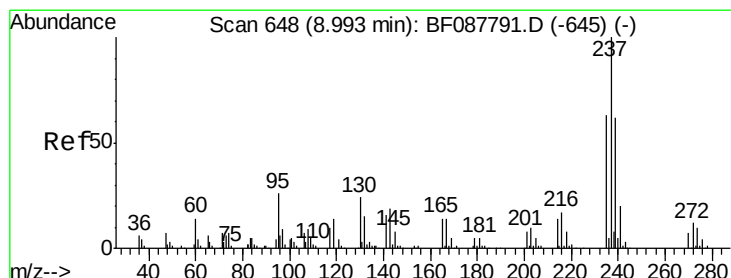
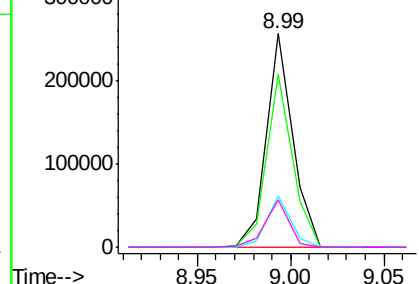
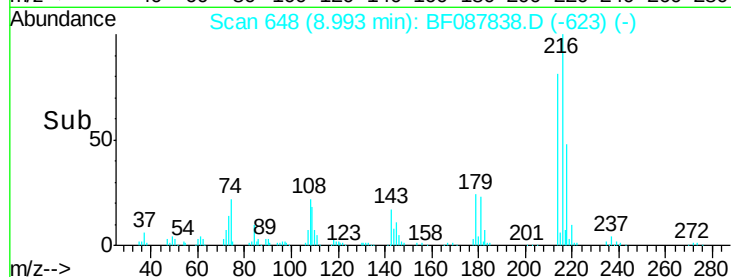
#39
1,2,4,5-Tetrachlorobenzene
Concen: 63.40 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:216 Resp: 250373
Ion Ratio Lower Upper
216 100
214 80.0 2.9 4.3#
179 22.4 0.0 0.0#
108 20.1 0.5 0.7#

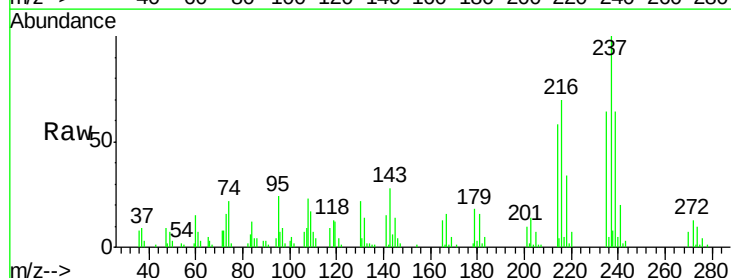


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

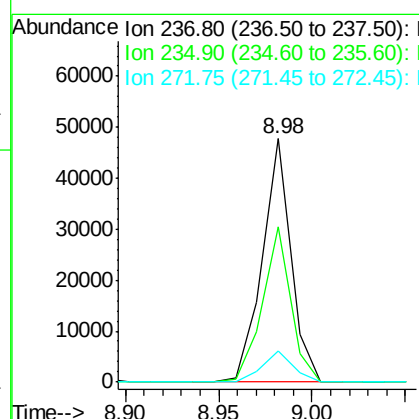
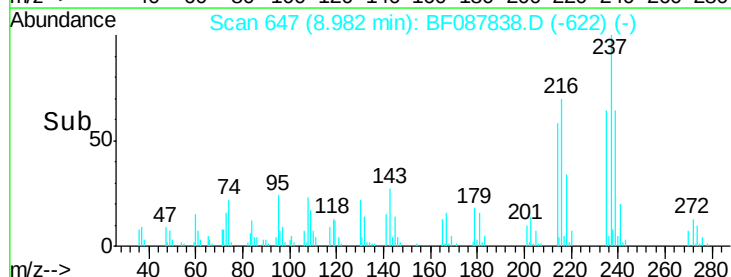


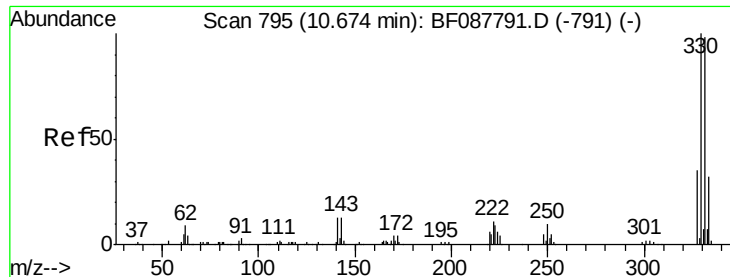
#40
Hexachlorocyclopentadiene
Concen: 17.81 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:237 Resp: 50513
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 12.5 0.0 32.3



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

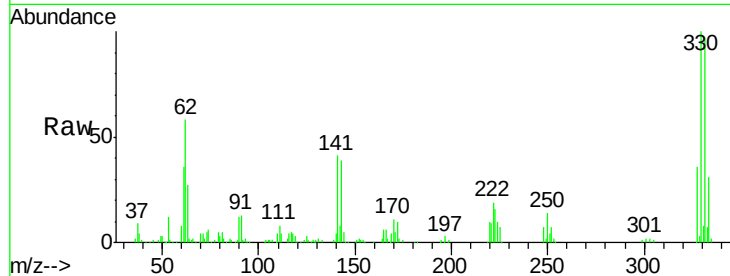




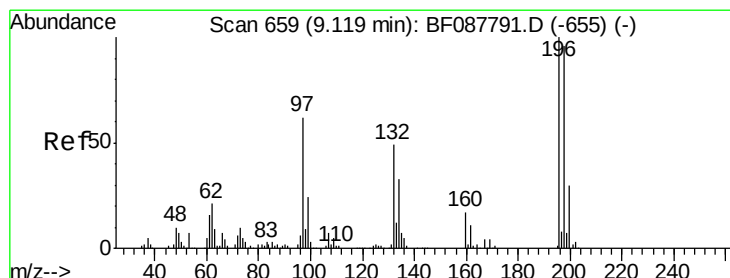
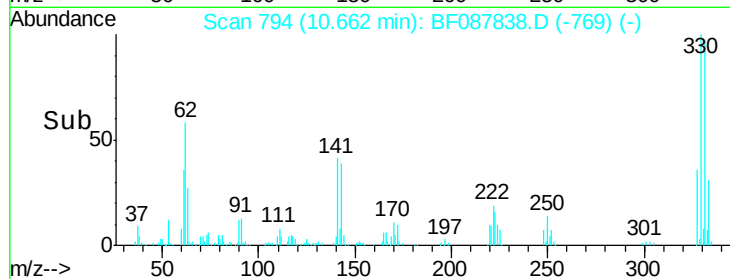
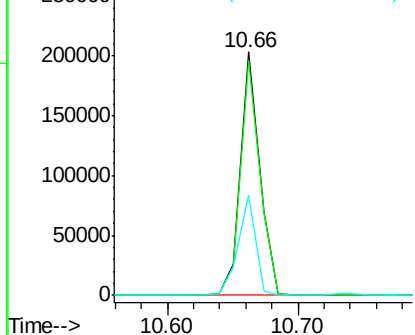
#41
 2,4,6-Tribromophenol
 Concen: 111.76 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion:330 Resp: 207471
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 37.4 0.0 0.0#

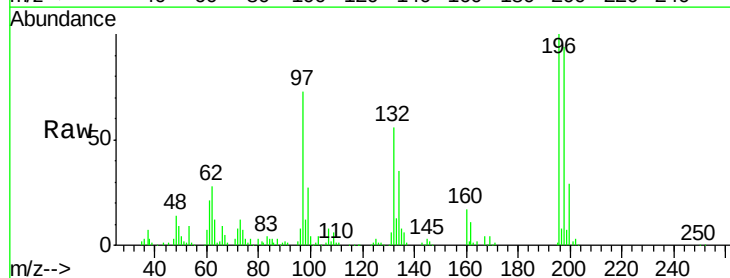


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

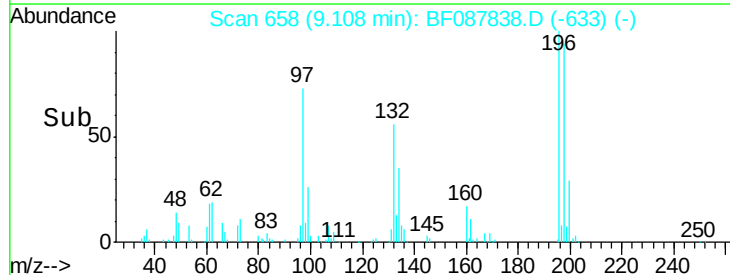
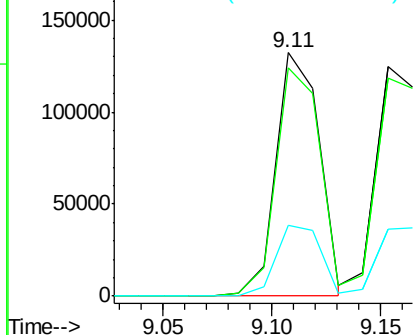


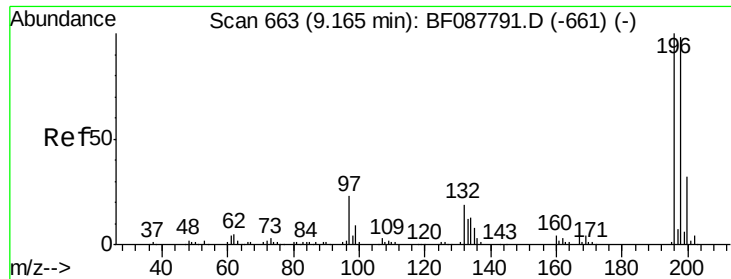
#42
 2,4,6-Trichlorophenol
 Concen: 52.44 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion:196 Resp: 184393
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.0 117.0
 200 29.2 25.4 38.2



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

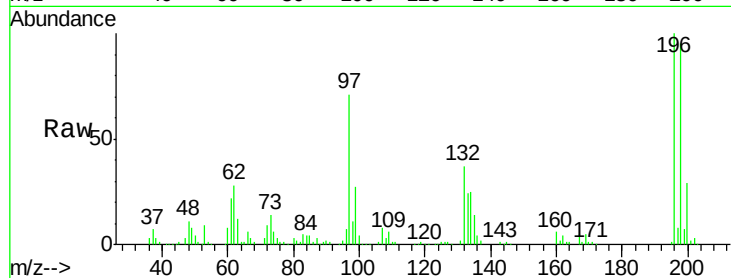




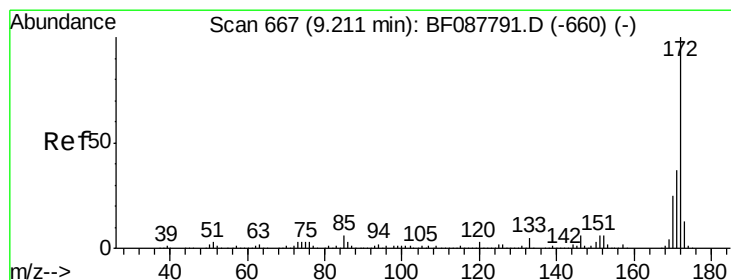
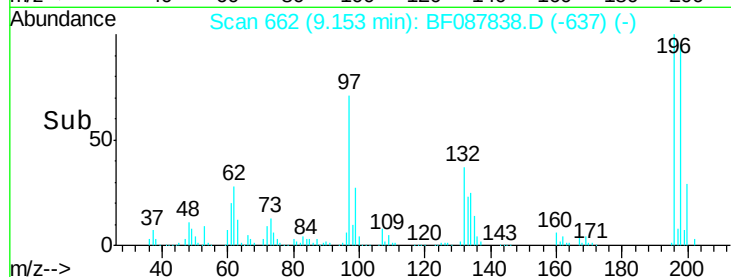
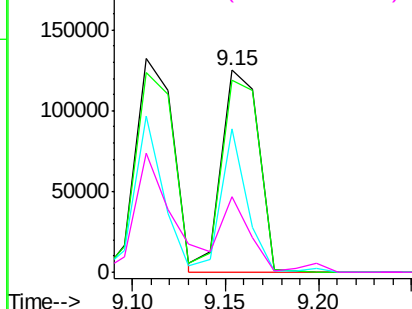
#43
 2,4,5-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion:196 Resp: 173388
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.5 116.3
 97 71.0 32.0 48.0#
 132 37.3 20.9 31.3#

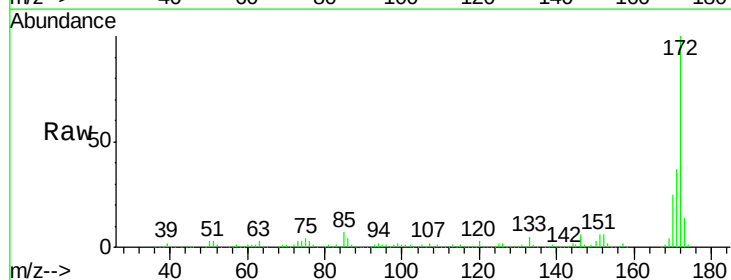


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

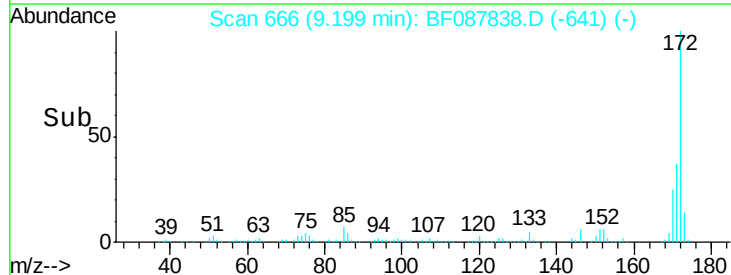
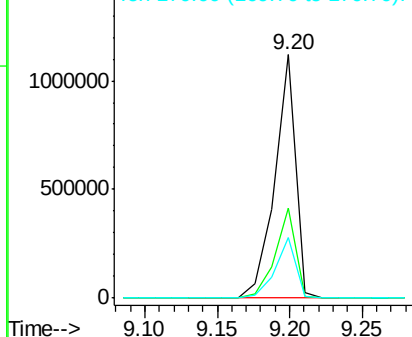


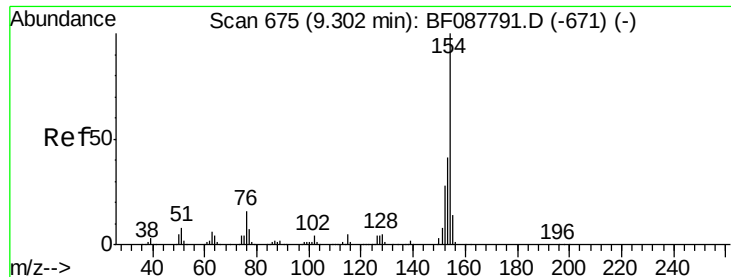
#44
 2-Fluorobiphenyl
 Concen: 100.28 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion:172 Resp: 1111231
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.8 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 59.47 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

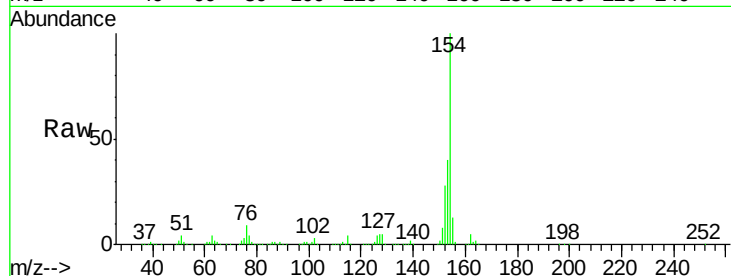
Tgt Ion:154 Resp: 758474

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

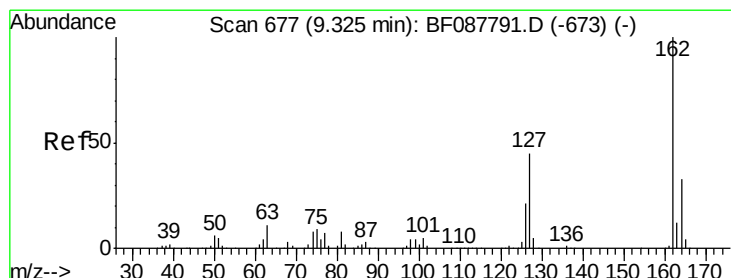
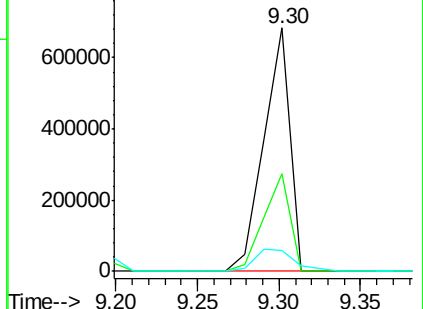
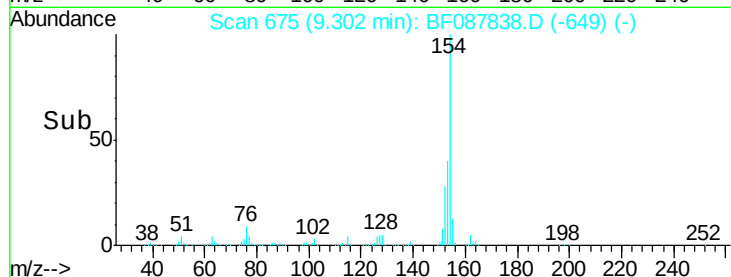
76 8.8 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.86 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

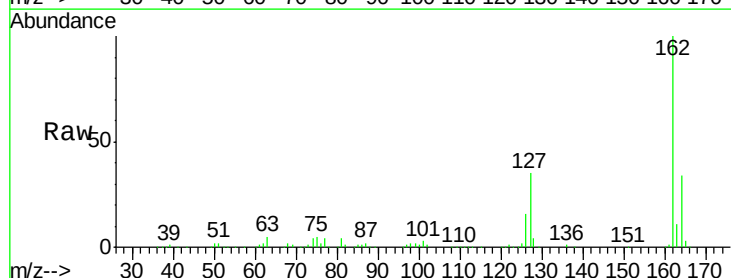
Tgt Ion:162 Resp: 578634

Ion Ratio Lower Upper

162 100

127 34.7 35.2 52.8#

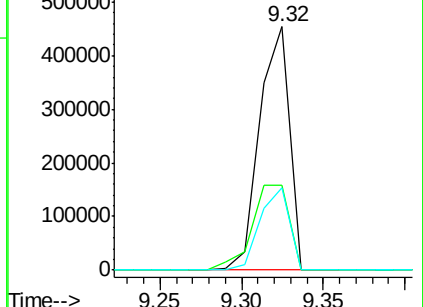
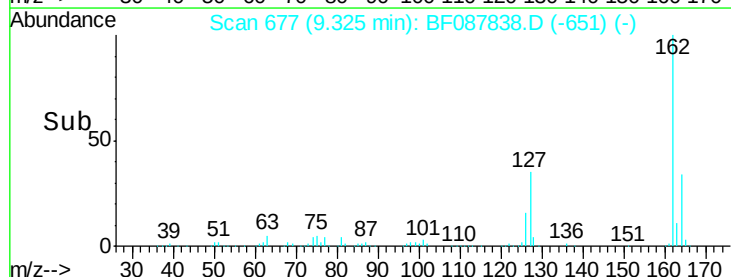
164 33.9 26.6 39.8

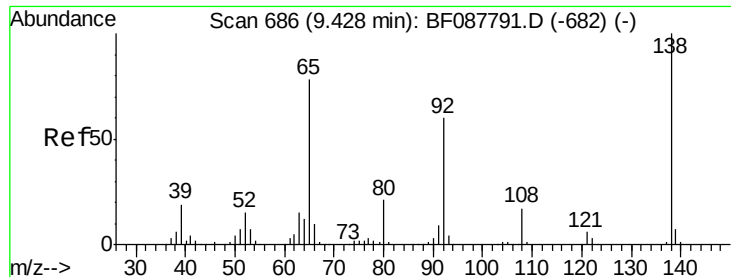


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

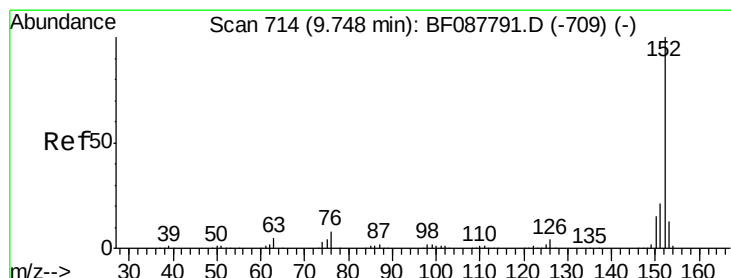
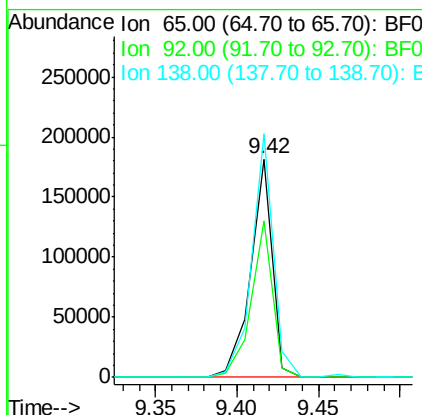
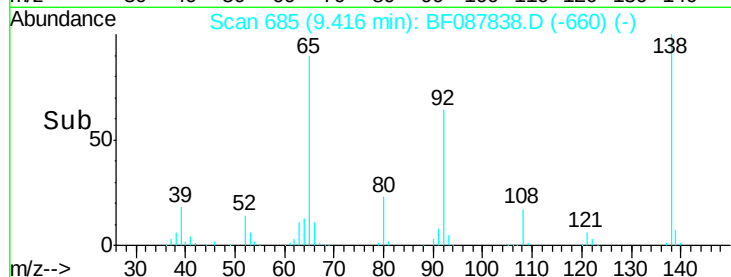
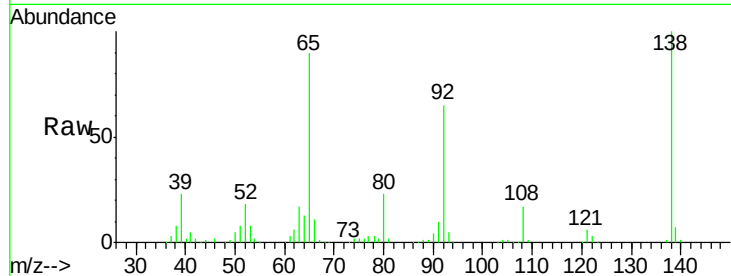




#47
 2-Nitroaniline
 Concen: 49.86 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

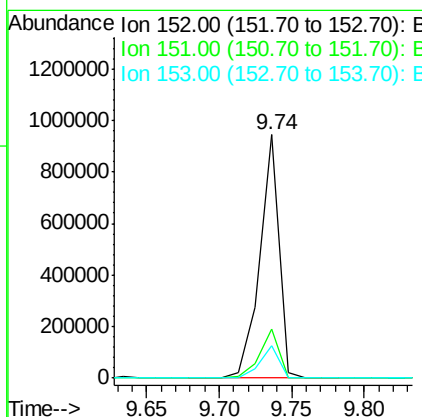
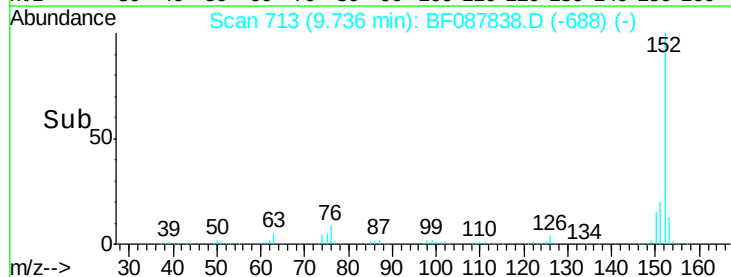
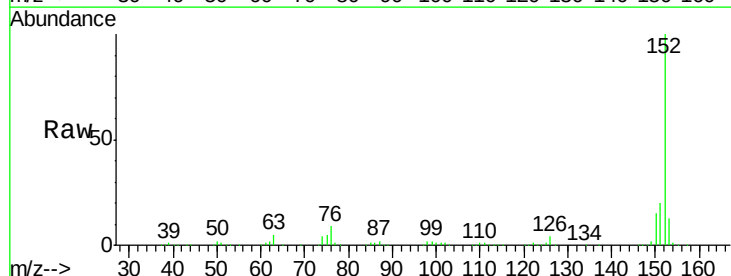
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

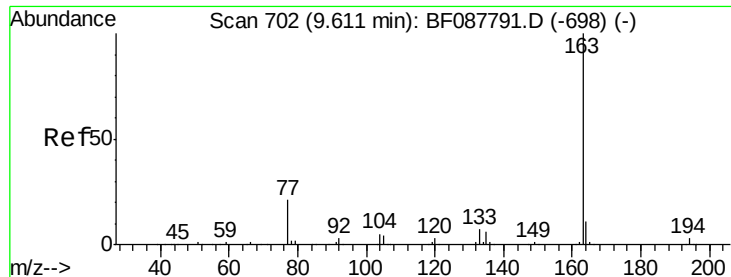
Tgt Ion: 65 Resp: 167338
 Ion Ratio Lower Upper
 65 100
 92 71.9 54.6 82.0
 138 111.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 47.85 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion: 152 Resp: 865997
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.5 11.0 16.6

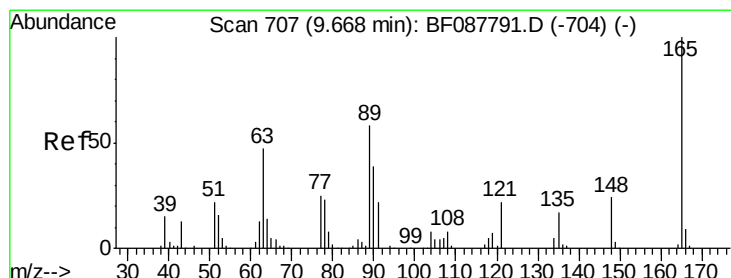
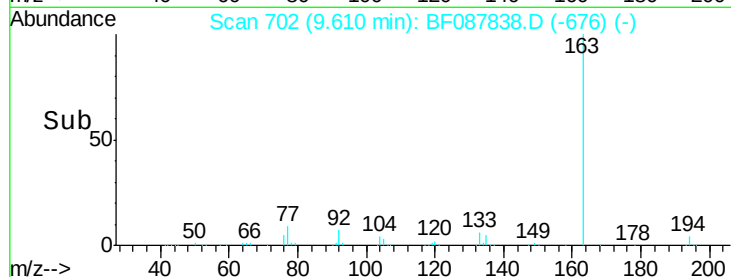
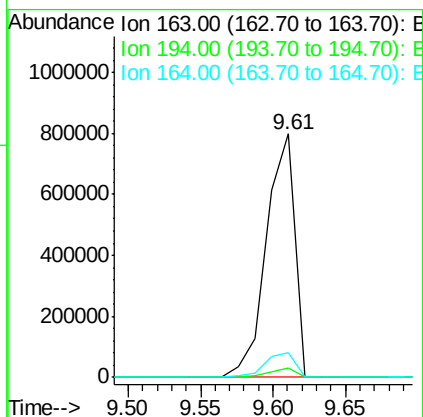
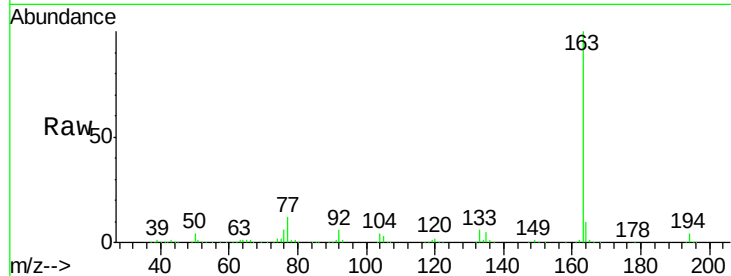




#49
Dimethylphthalate
Concen: 84.82 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

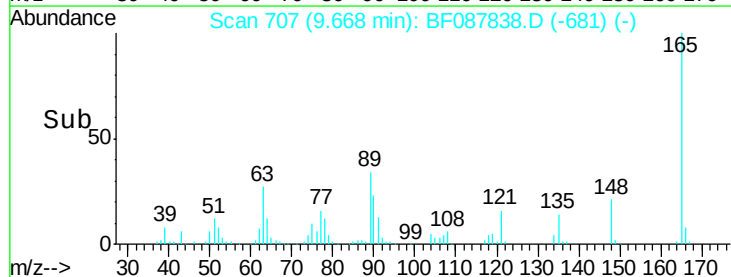
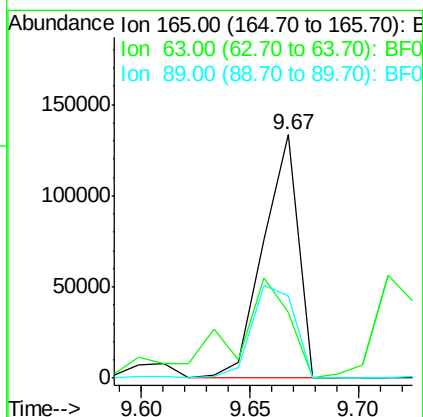
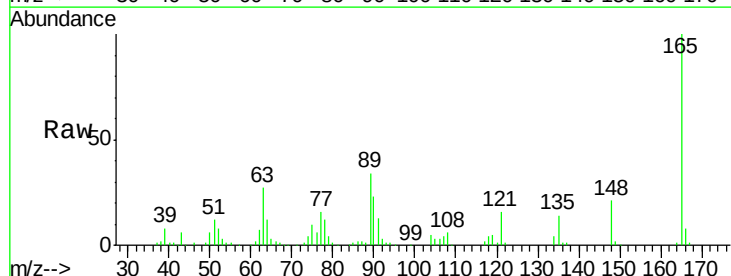
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

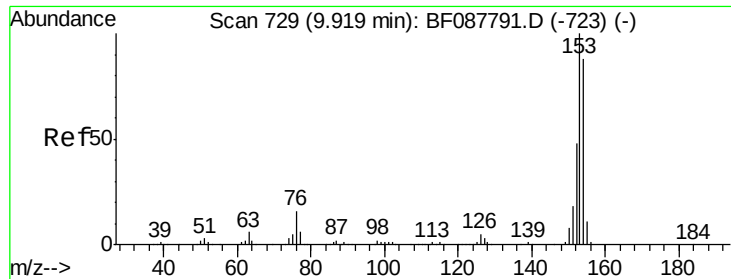
Tgt Ion:163 Resp: 1080313
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.0 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 51.82 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:165 Resp: 151157
Ion Ratio Lower Upper
165 100
63 27.0 28.1 42.1#
89 33.8 32.2 48.2





#51

Acenaphthene

Concen: 44.71 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

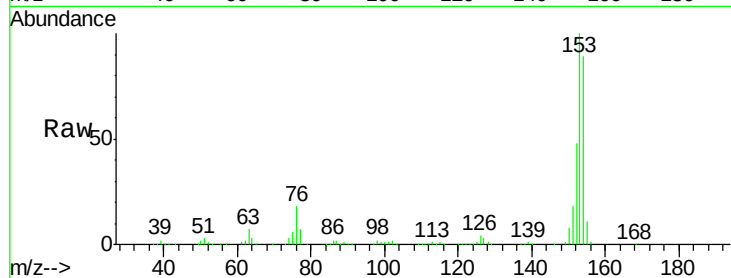
Tgt Ion:154 Resp: 504807

Ion Ratio Lower Upper

154 100

153 112.5 89.5 134.3

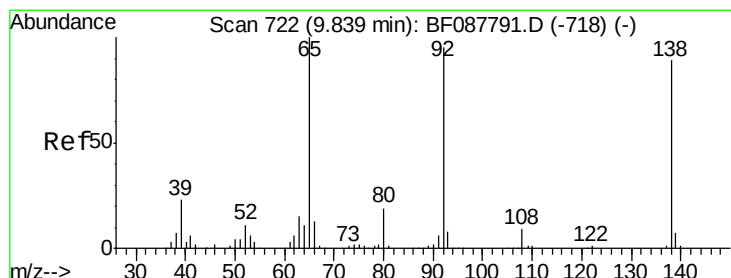
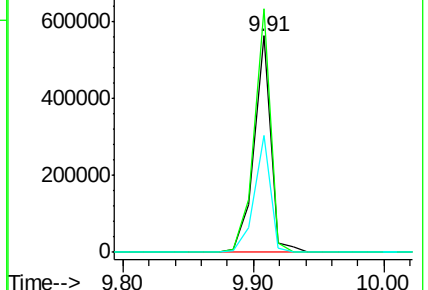
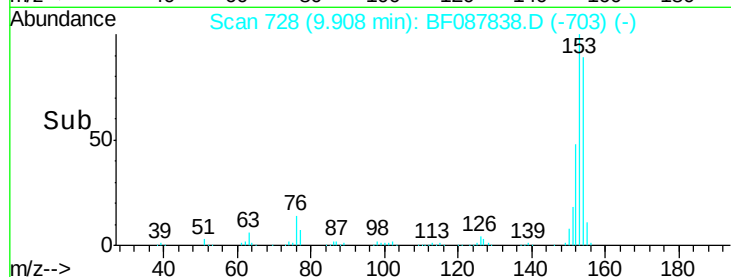
152 53.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.37 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

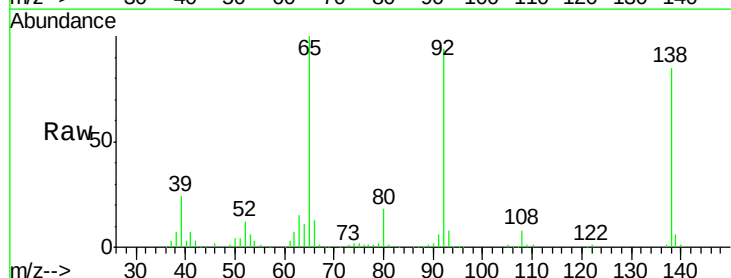
Tgt Ion:138 Resp: 129138

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

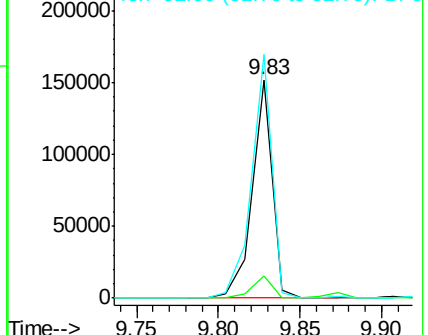
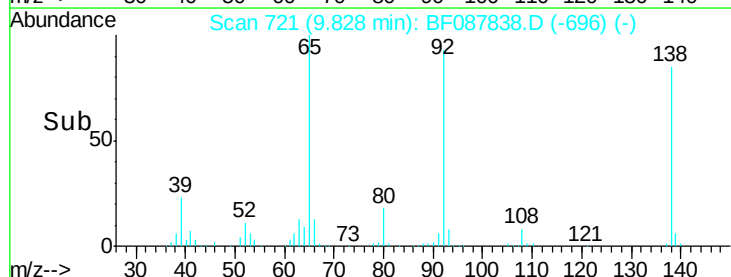
92 111.7 95.7 143.5

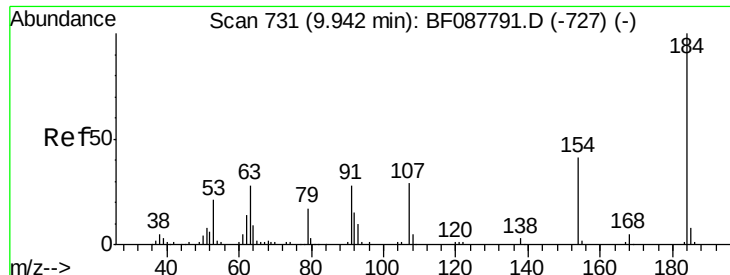


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

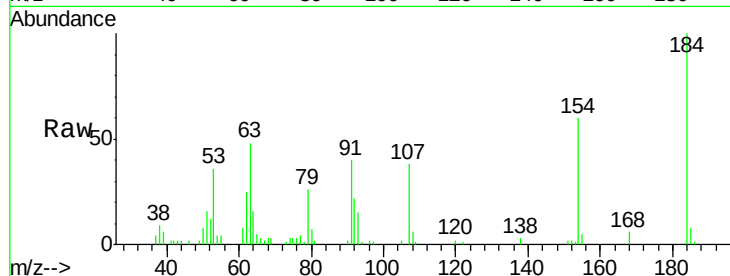




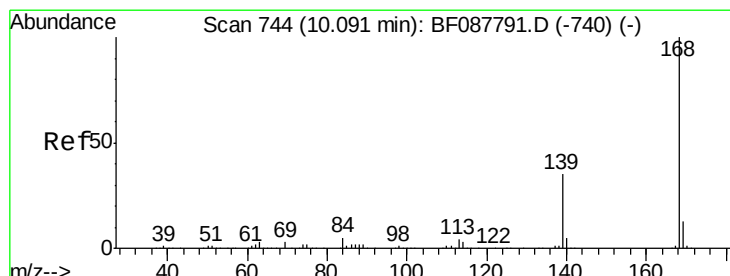
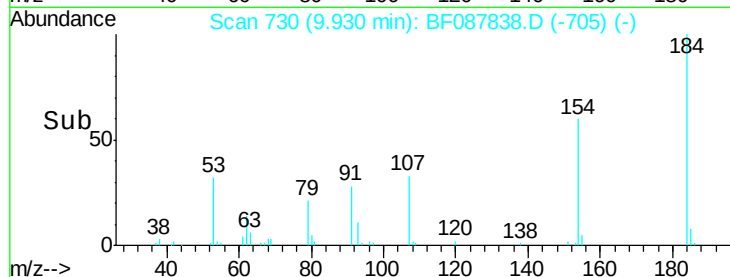
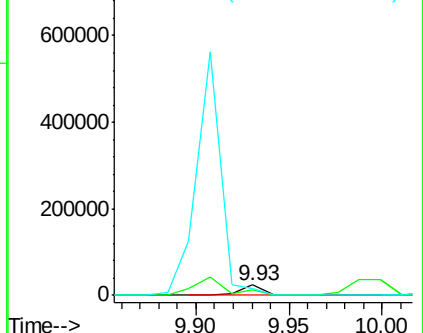
#53
2,4-Dinitrophenol
Concen: 17.85 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:184 Resp: 20323
Ion Ratio Lower Upper
184 100
63 48.0 57.6 86.4#
154 60.3 53.5 80.3

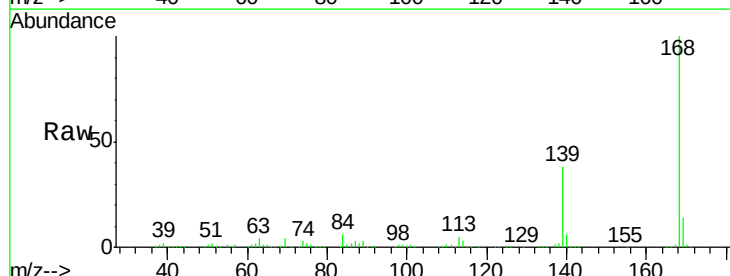


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

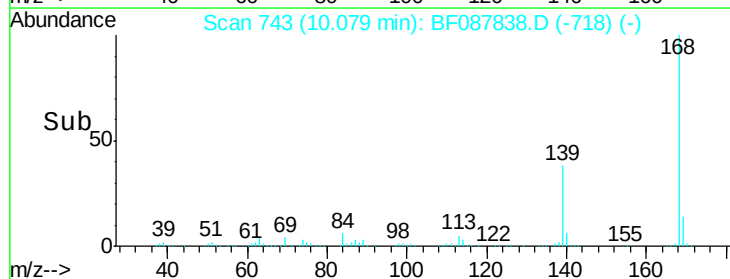
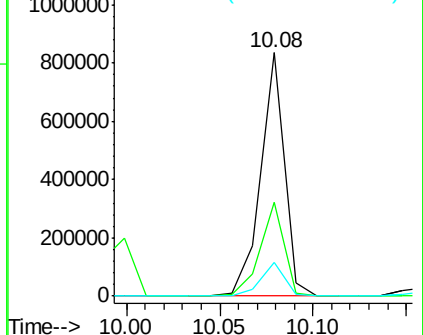


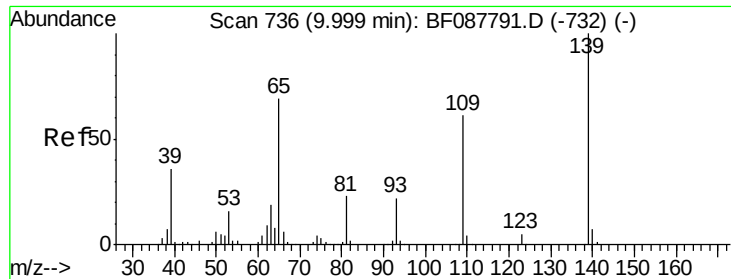
#54
Dibenzofuran
Concen: 46.97 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:168 Resp: 730230
Ion Ratio Lower Upper
168 100
139 38.4 26.4 39.6
169 13.8 10.4 15.6



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

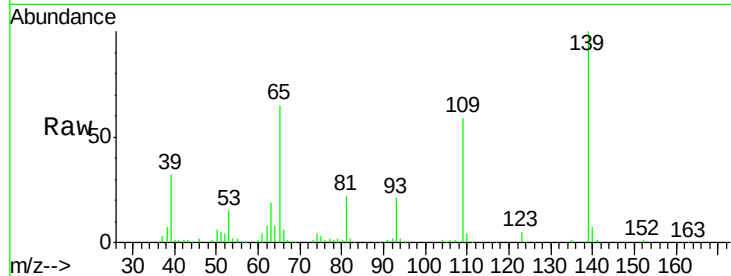




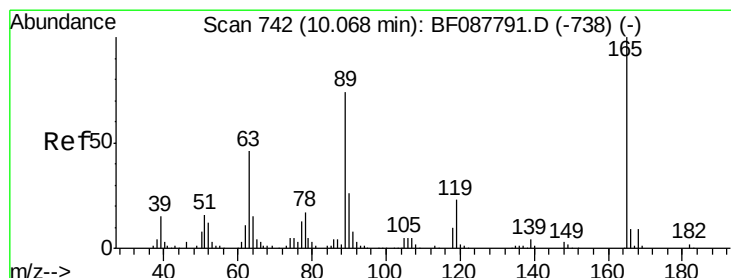
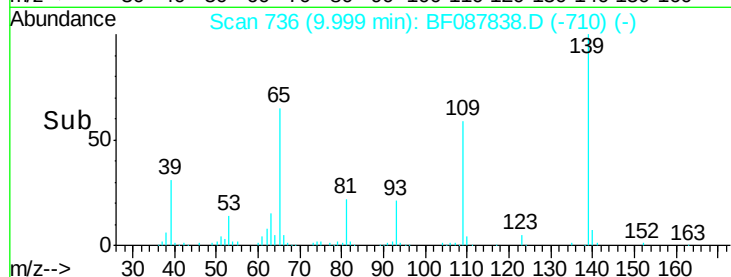
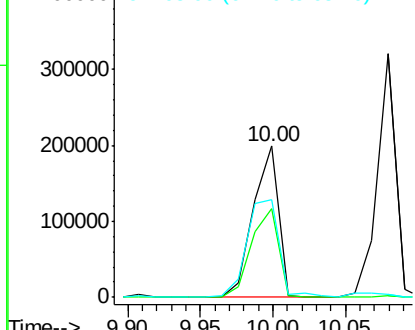
#55
4-Nitrophenol
Concen: 92.47 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:139 Resp: 241558
Ion Ratio Lower Upper
139 100
109 58.6 48.9 88.9
65 64.8 84.9 124.9#

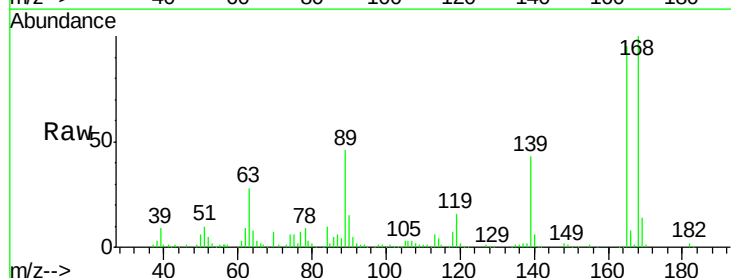


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

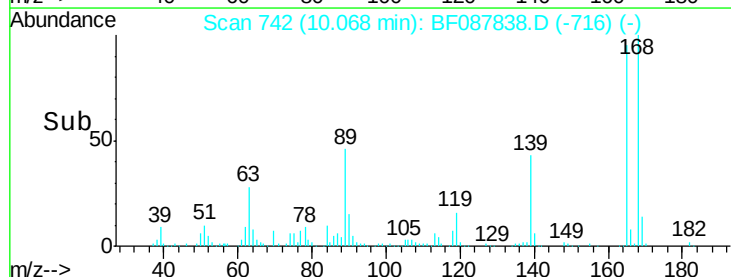
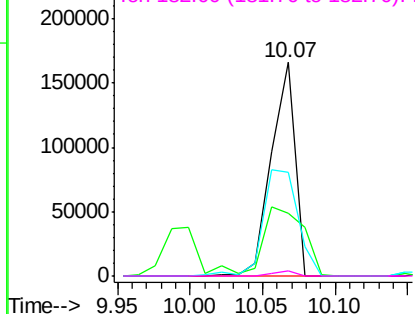


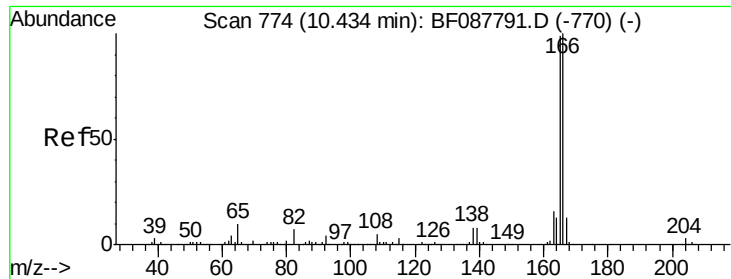
#56
2,4-Dinitrotoluene
Concen: 50.20 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:165 Resp: 188175
Ion Ratio Lower Upper
165 100
63 29.6 22.0 33.0
89 48.3 41.1 61.7
182 2.5 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.52 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

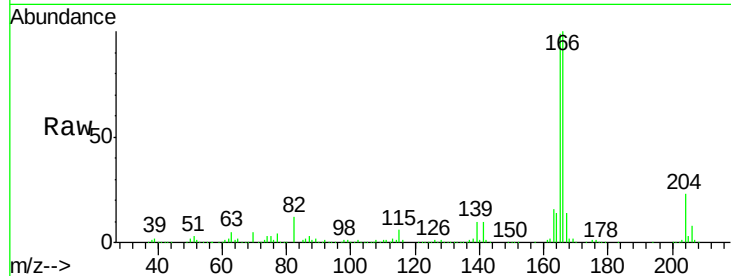
Tgt Ion:166 Resp: 533944

Ion Ratio Lower Upper

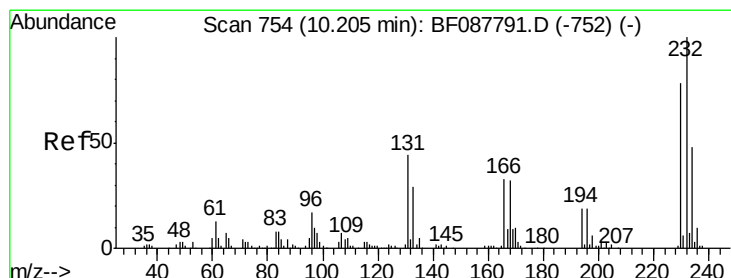
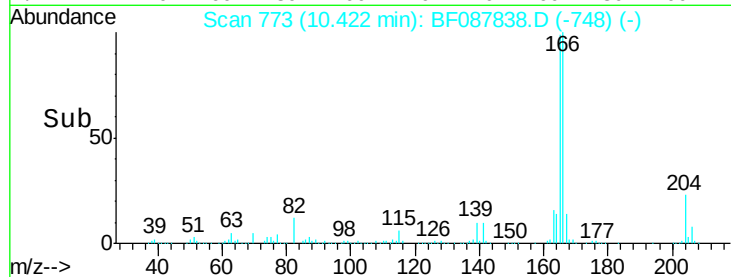
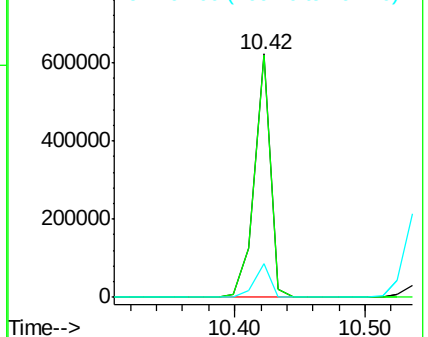
166 100

165 99.4 77.8 116.8

167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.49 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:232 Resp: 125024

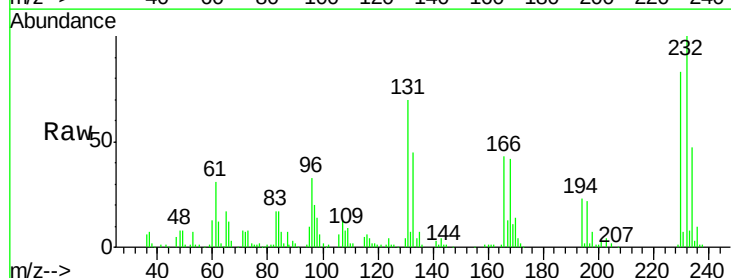
Ion Ratio Lower Upper

232 100

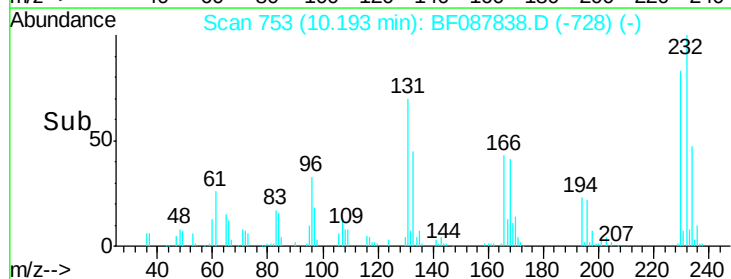
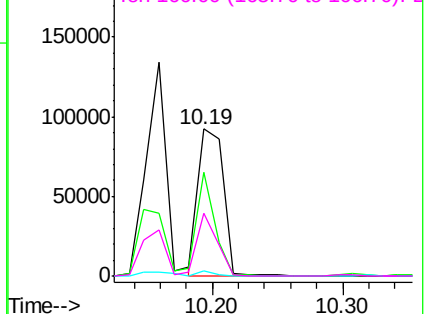
131 50.4 0.9 1.3#

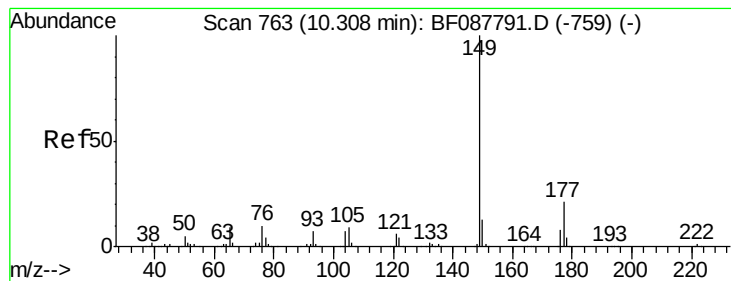
130 2.3 1.5 2.3#

166 33.7 0.5 0.7#



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: 52.31 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

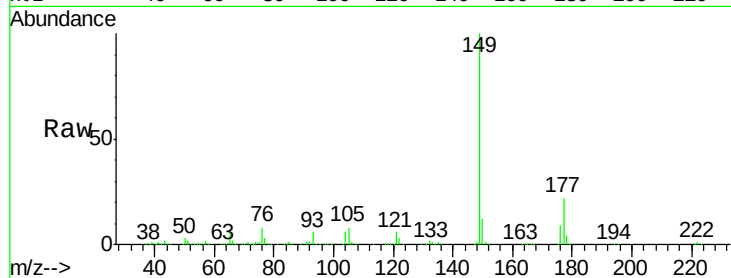
Tgt Ion:149 Resp: 674390

Ion Ratio Lower Upper

149 100

177 22.4 16.9 25.3

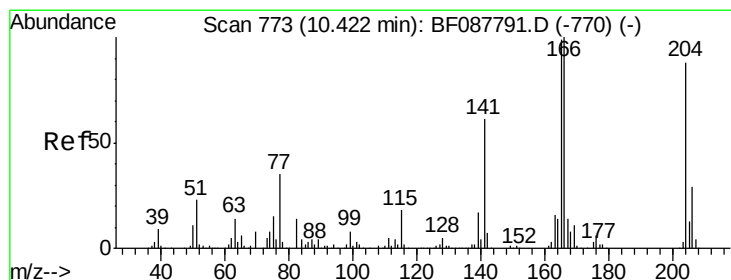
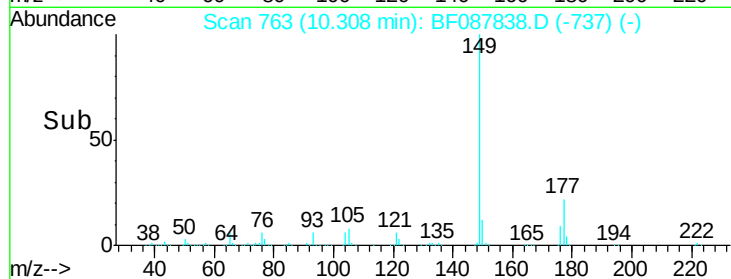
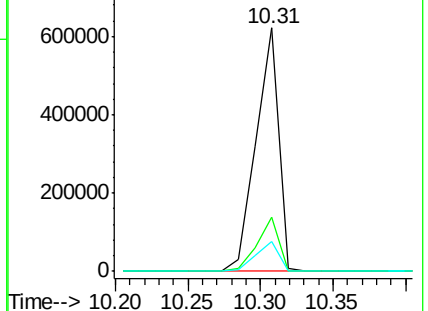
150 12.3 10.1 15.1



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: 43.76 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

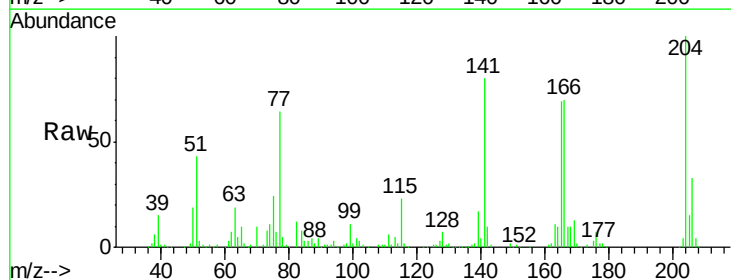
Tgt Ion:204 Resp: 226262

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

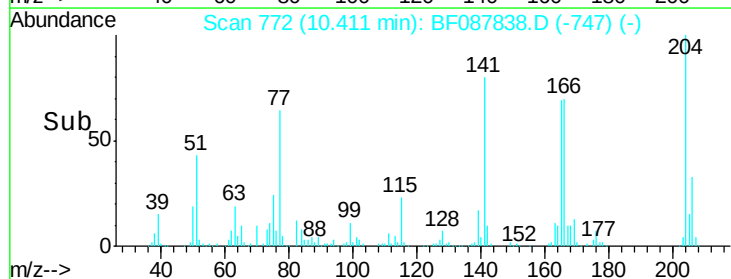
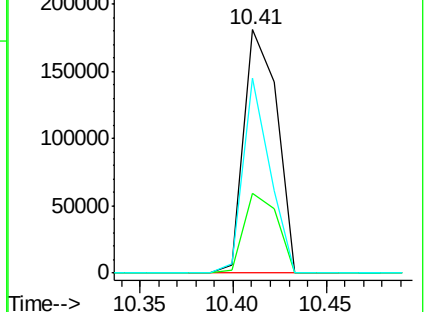
141 79.9 55.0 82.6

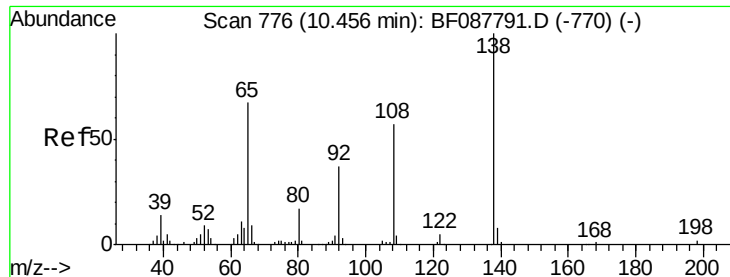


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

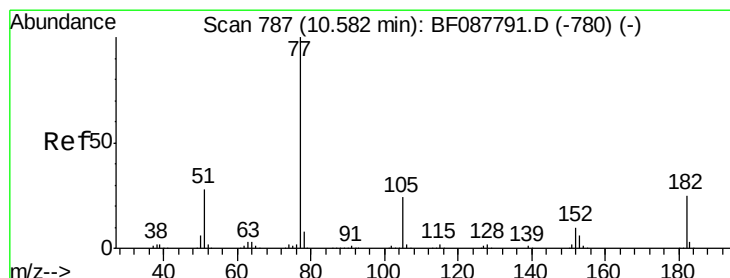
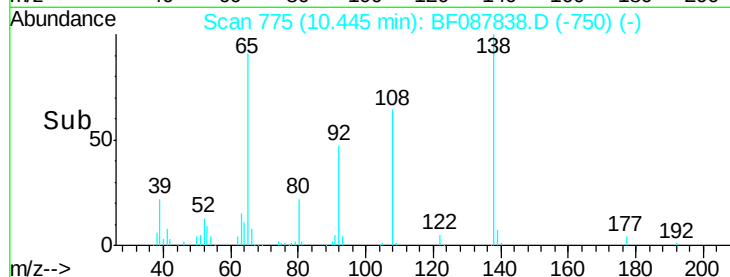
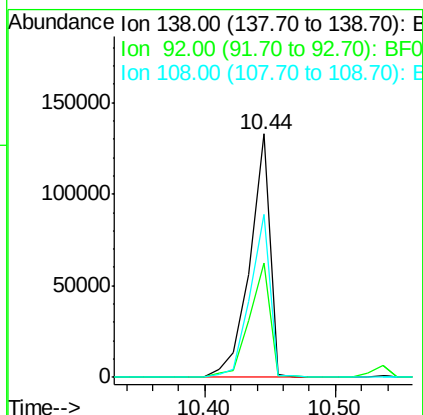
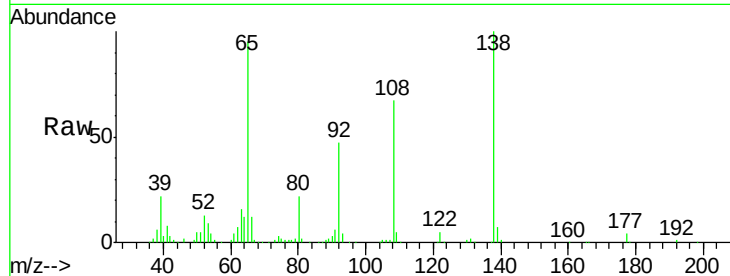




#61
 4-Nitroaniline
 Concen: 44.83 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

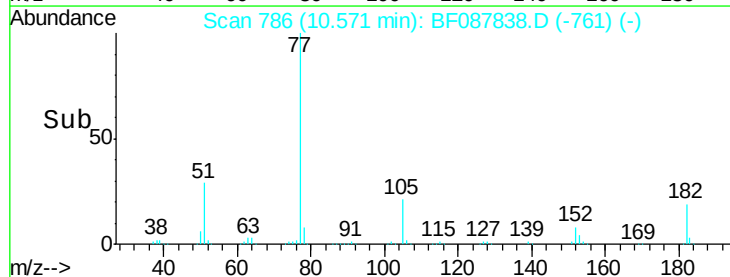
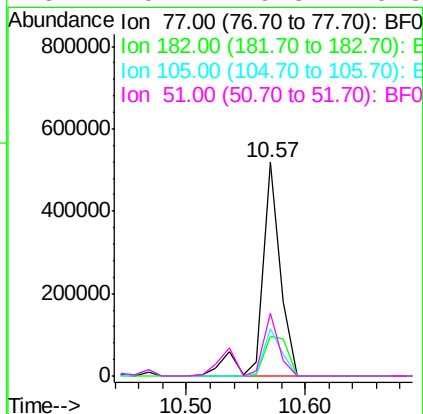
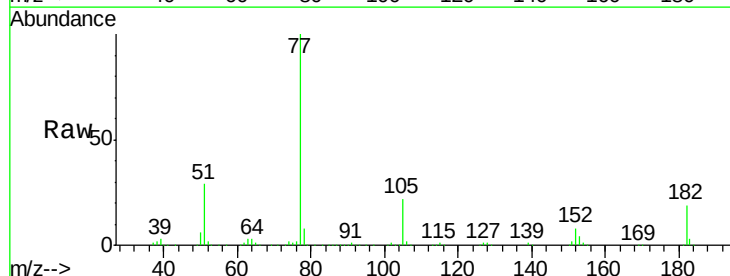
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

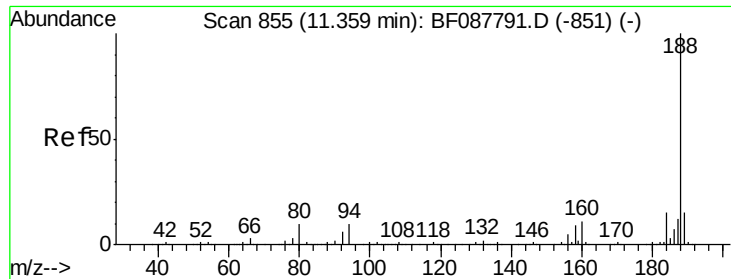
Tgt Ion: 138 Resp: 143115
 Ion Ratio Lower Upper
 138 100
 92 46.8 27.3 67.3
 108 66.9 46.7 86.7



#62
 Azobenzene
 Concen: 44.22 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion: 77 Resp: 563740
 Ion Ratio Lower Upper
 77 100
 182 18.7 4.4 44.4
 105 22.0 3.8 43.8
 51 29.4 9.3 49.3

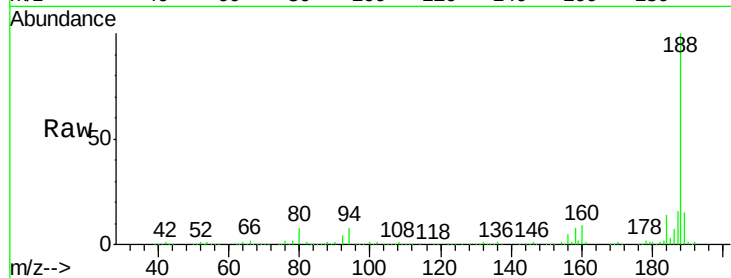




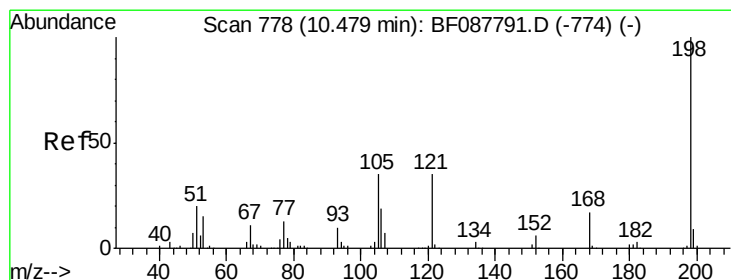
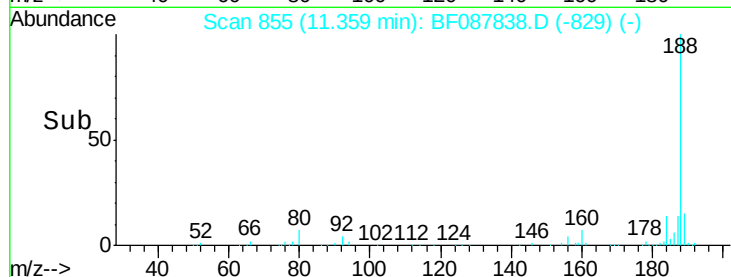
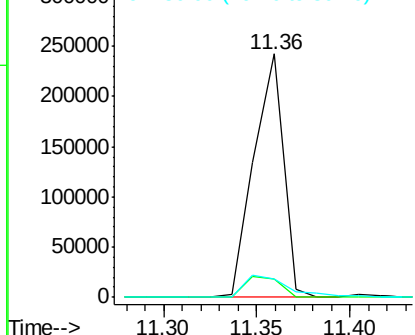
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tgt Ion:188 Resp: 265829
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.6 10.0 15.0#

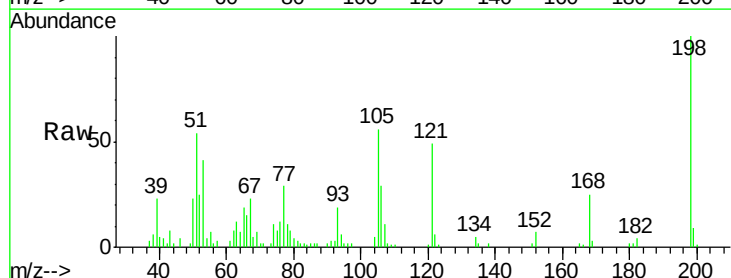


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

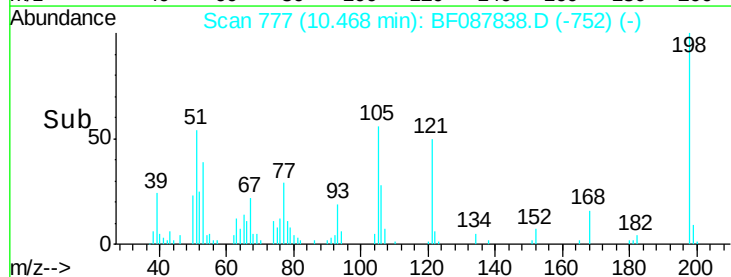
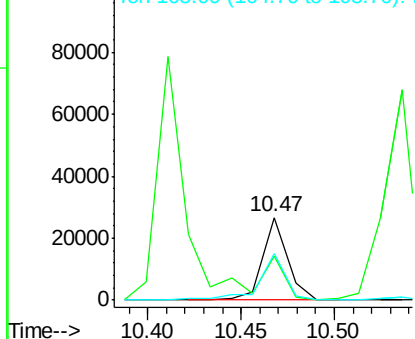


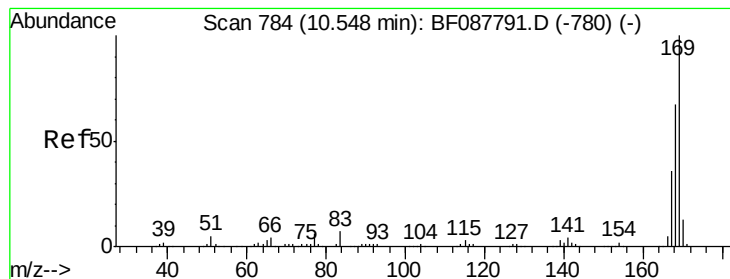
#64
4,6-Dinitro-2-methylphenol
Concen: 16.06 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:198 Resp: 24158
Ion Ratio Lower Upper
198 100
51 53.6 39.6 79.6
105 55.6 36.6 76.6



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

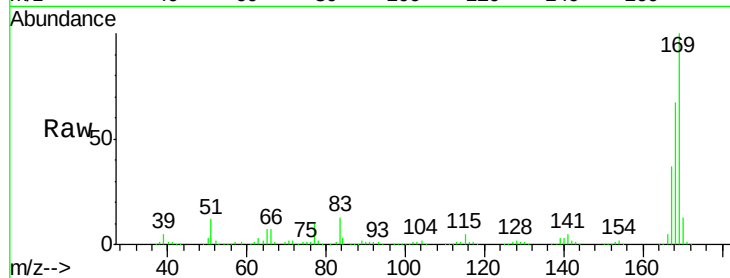




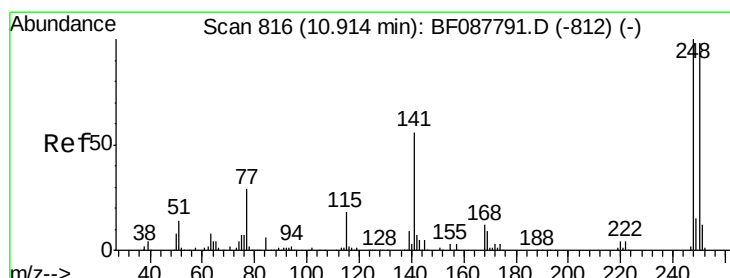
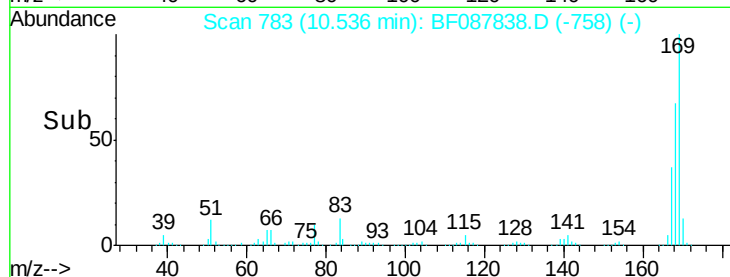
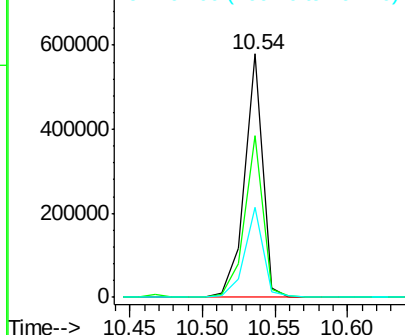
#65
 n-Nitrosodiphenylamine
 Concen: 56.95 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	502339		
168	66.6		53.4	80.0
167	36.9		29.4	44.0

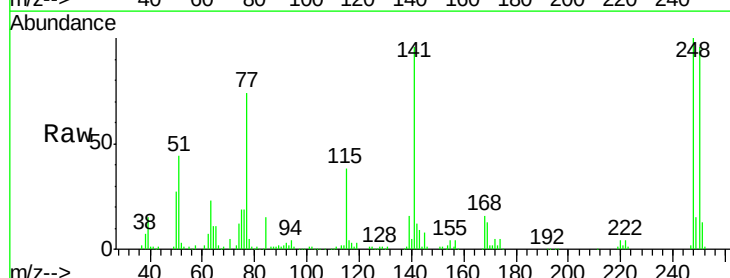


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

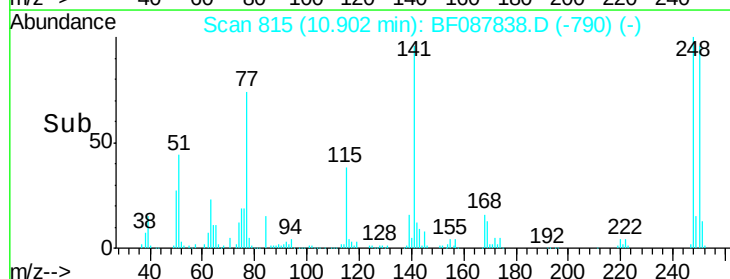
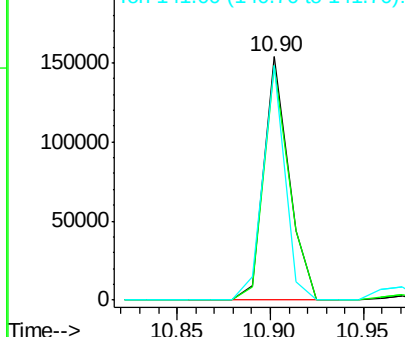


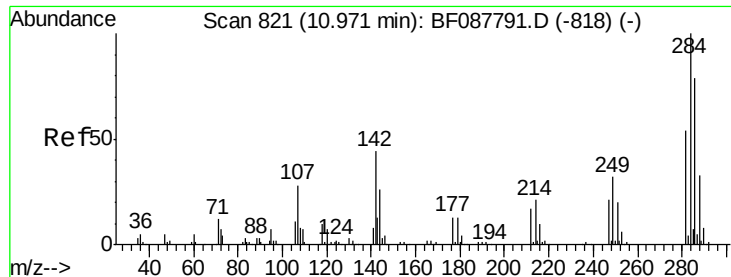
#66
 4-Bromophenyl-phenylether
 Concen: 49.73 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	141826		
250	96.4		77.1	115.7
141	96.2		50.6	76.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.37 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

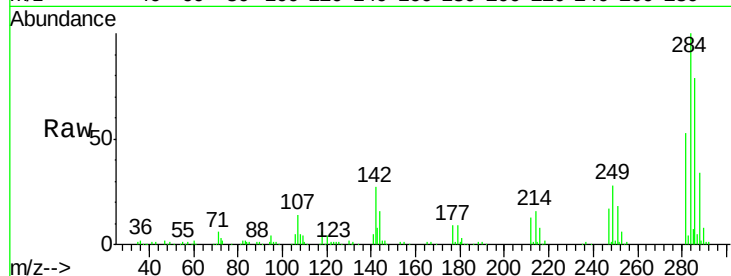
Tgt Ion:284 Resp: 161108

Ion Ratio Lower Upper

284 100

142 26.6 35.8 53.8#

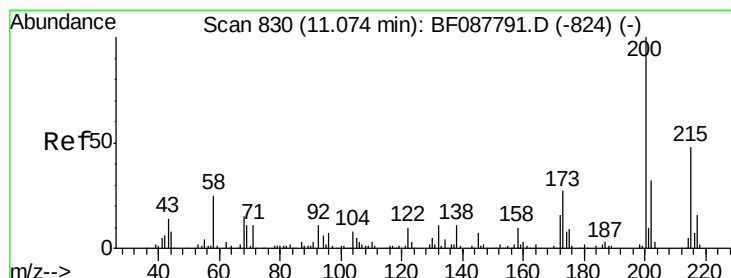
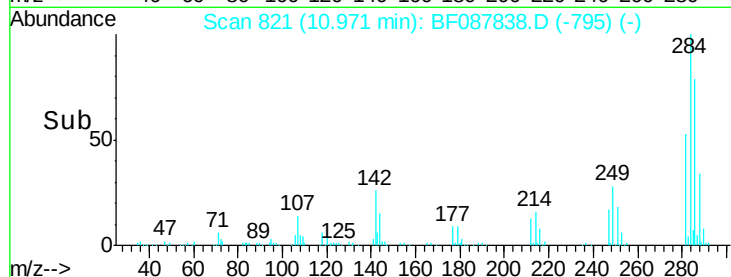
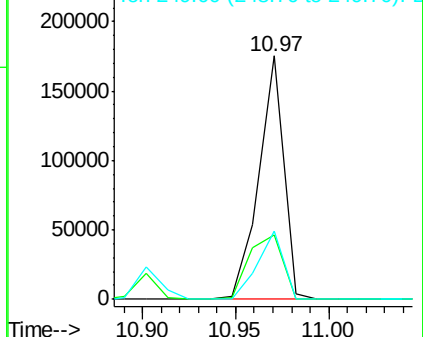
249 28.2 25.8 38.6



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: 47.37 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

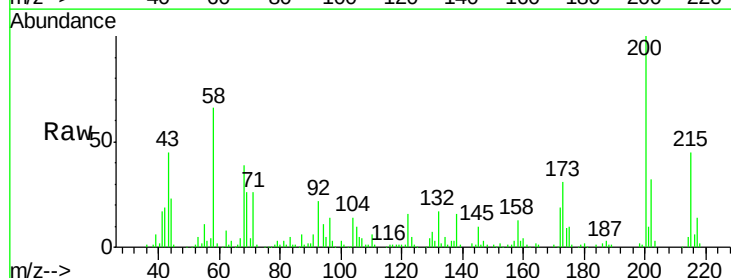
Tgt Ion:200 Resp: 126521

Ion Ratio Lower Upper

200 100

173 30.6 4.0 44.0

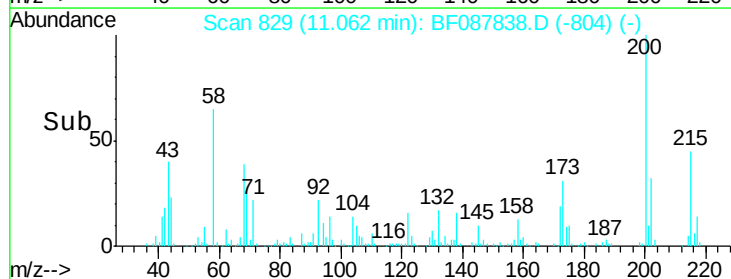
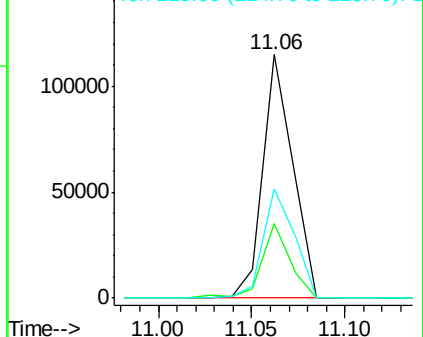
215 44.9 29.3 69.3

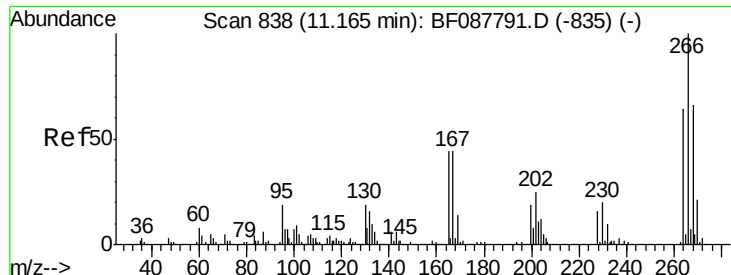


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

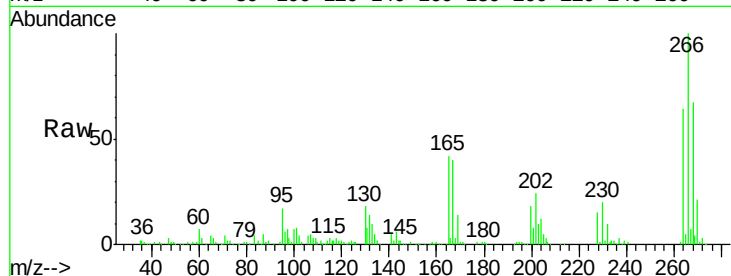




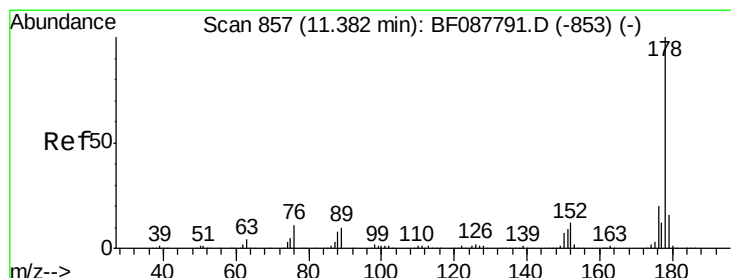
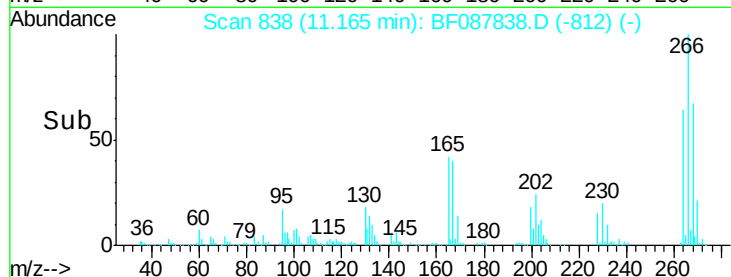
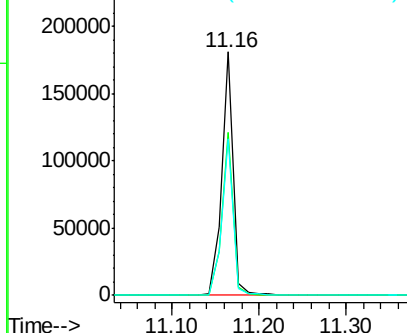
#69
 Pentachlorophenol
 Concen: 109.25 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	52.8	79.2
264	64.2	49.6	74.4

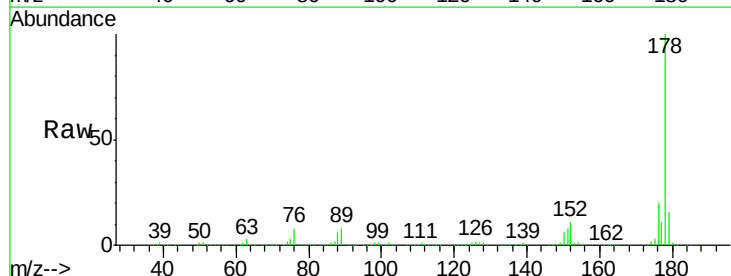


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

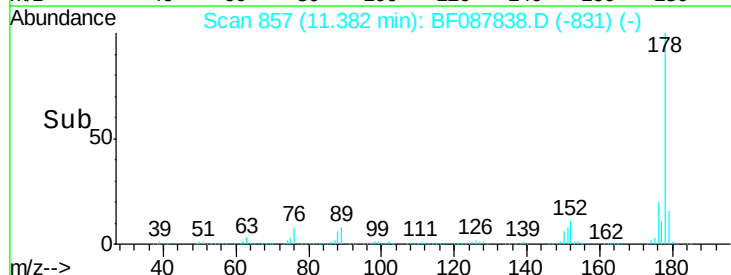
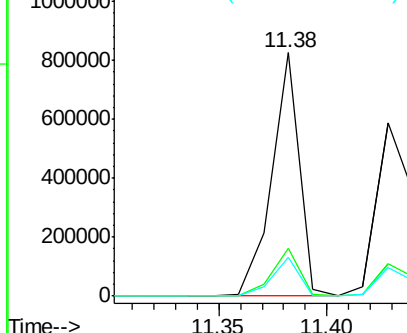


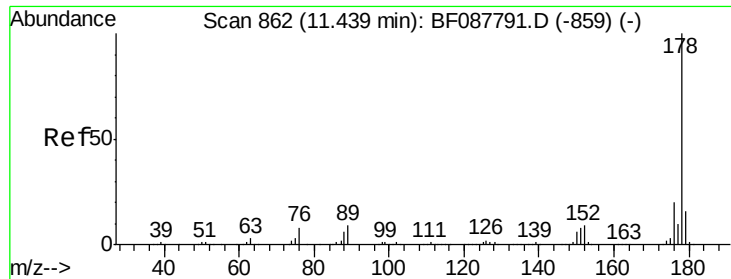
#70
 Phenanthrene
 Concen: 52.56 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	13.0	19.4



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

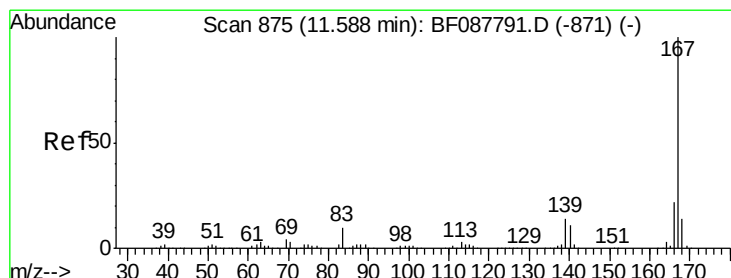
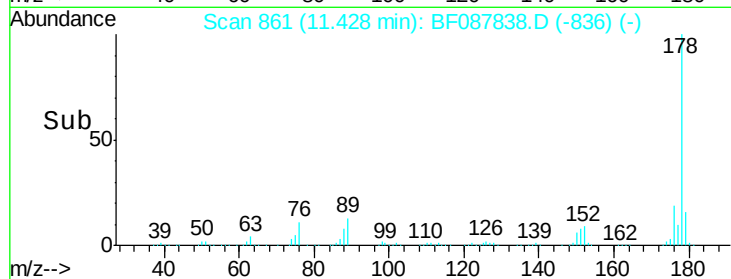
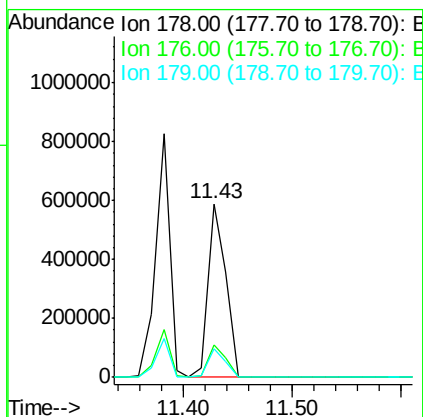
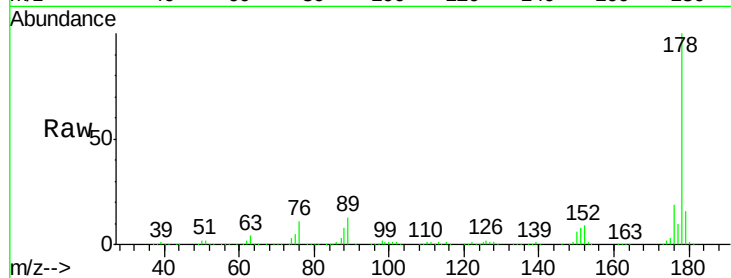




#71
 Anthracene
 Concen: 47.94 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

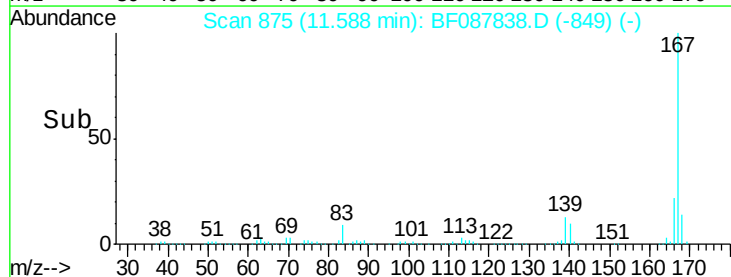
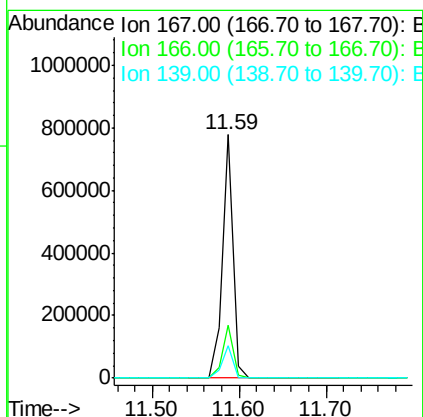
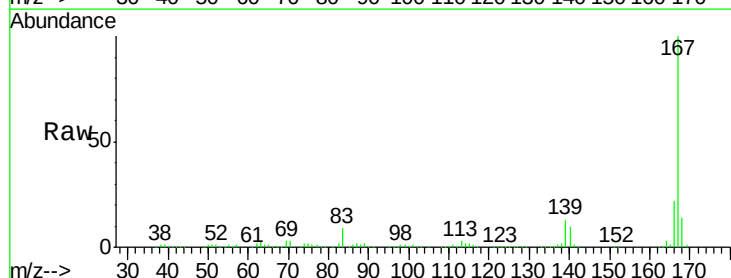
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

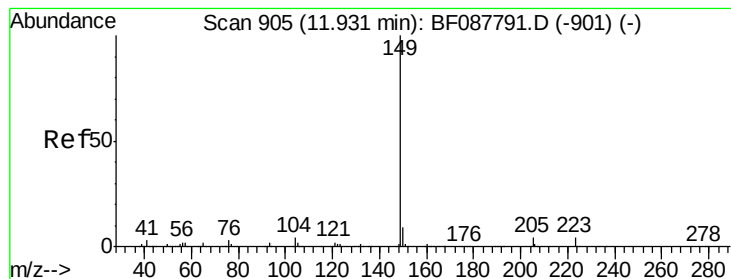
Tgt Ion:178 Resp: 674590
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 16.2 12.8 19.2



#72
 Carbazole
 Concen: 51.30 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion:167 Resp: 675498
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 52.89 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

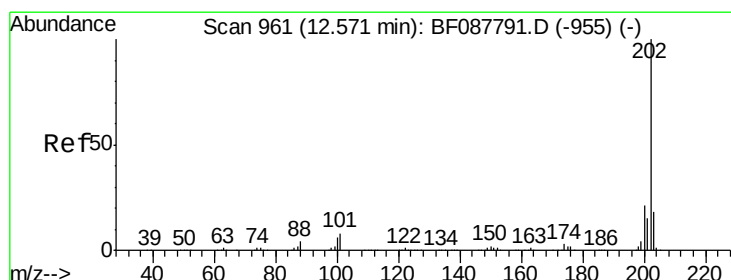
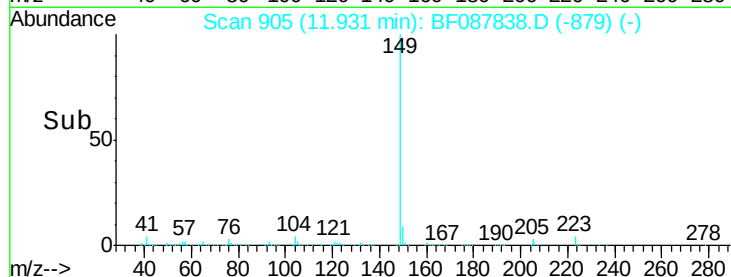
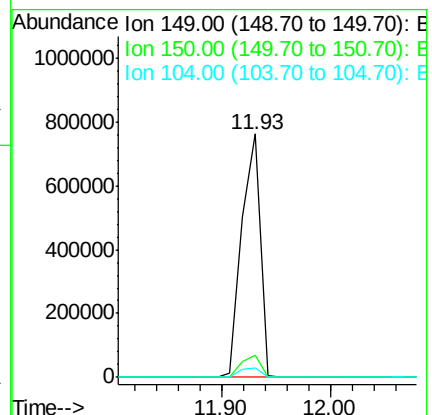
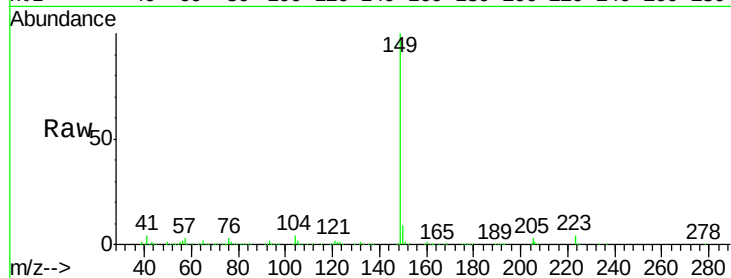
Tgt Ion:149 Resp: 881631

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 3.8 4.0 6.0#



#74

Fluoranthene

Concen: 50.73 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

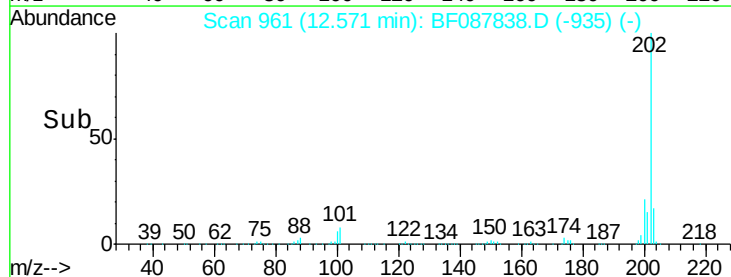
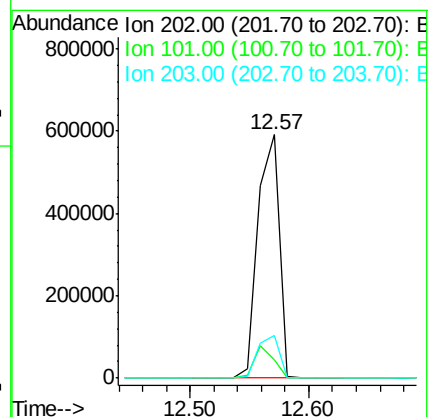
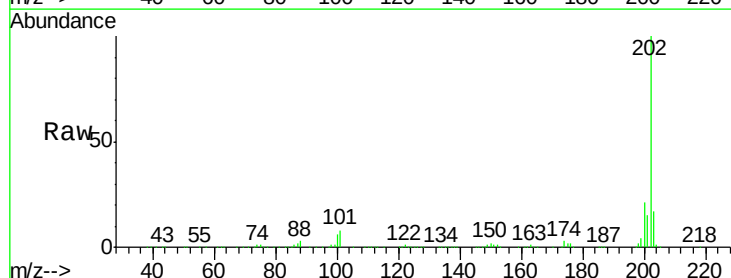
Tgt Ion:202 Resp: 746815

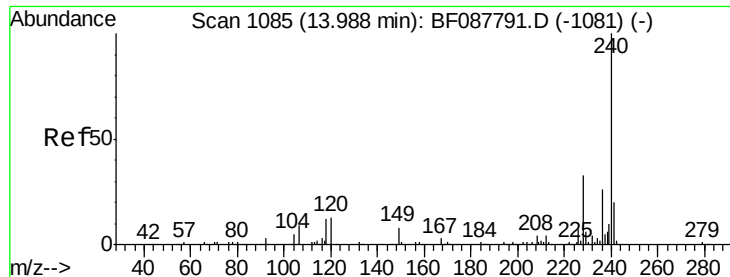
Ion Ratio Lower Upper

202 100

101 7.8 0.0 33.1

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

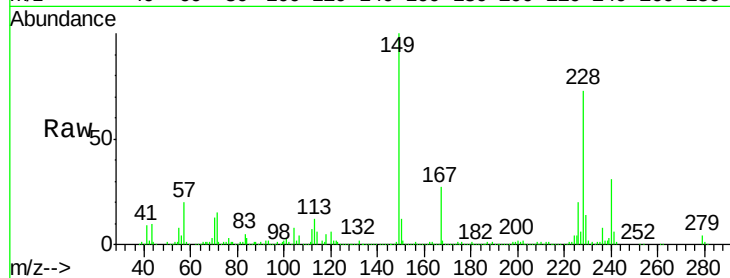
Tgt Ion:240 Resp: 190374

Ion Ratio Lower Upper

240 100

120 18.4 6.8 10.2#

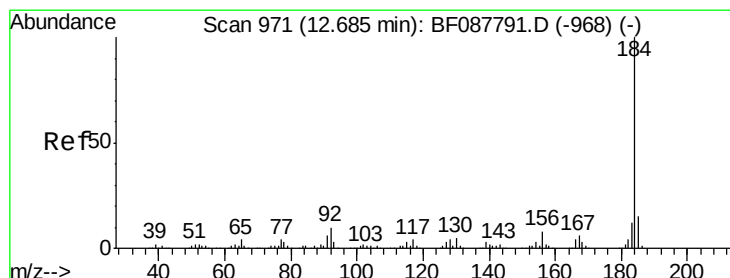
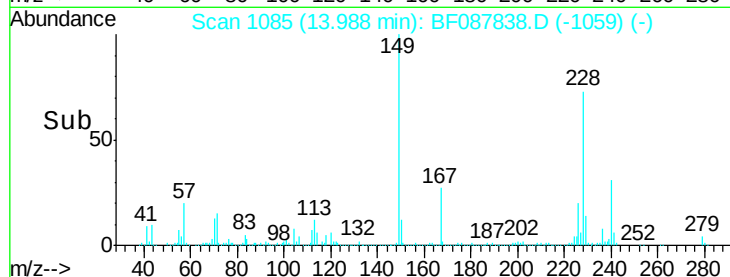
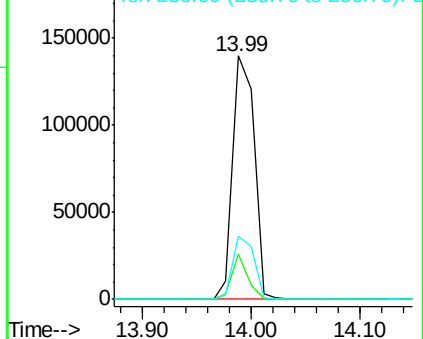
236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.05 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

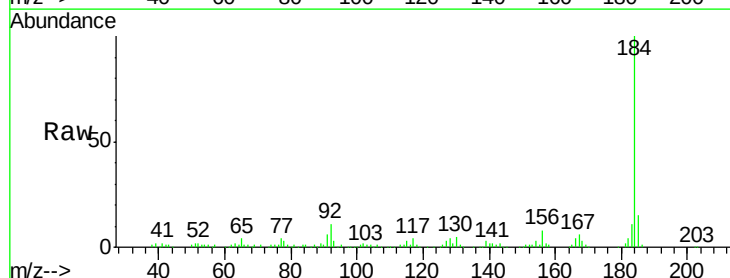
Tgt Ion:184 Resp: 184750

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

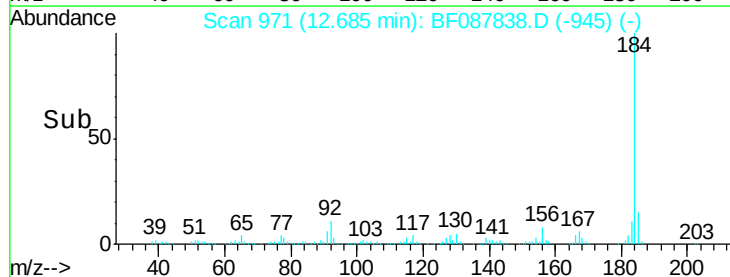
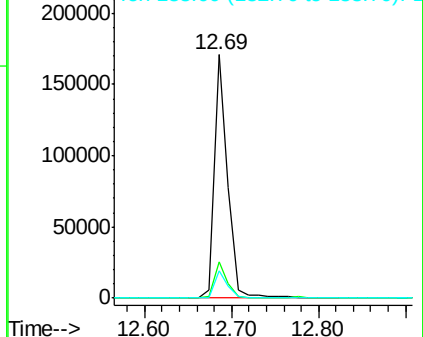
183 11.3 9.3 13.9

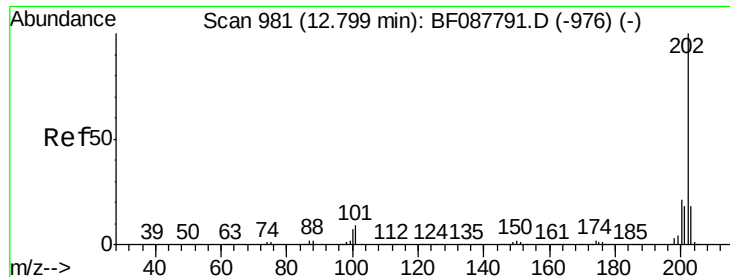


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

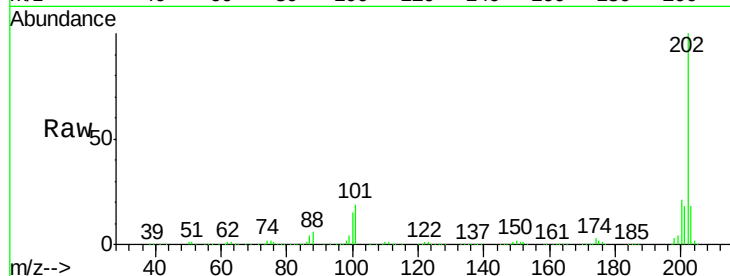




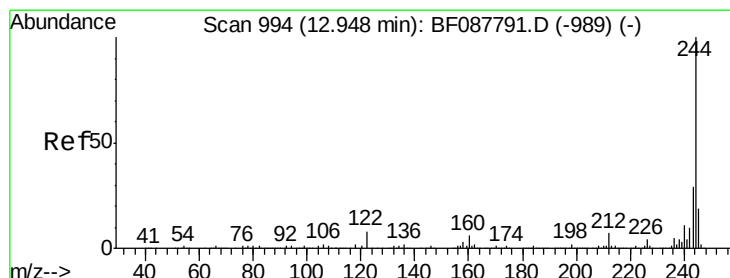
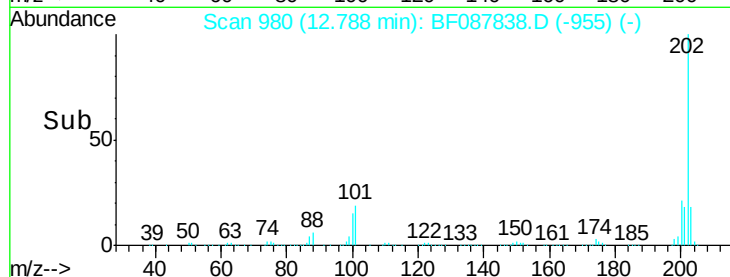
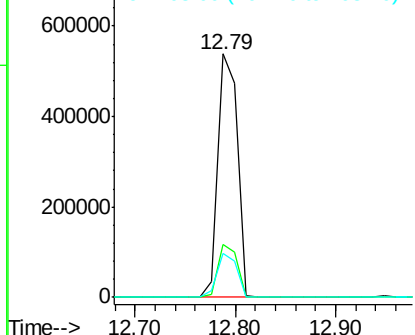
#77
Pyrene
 Concen: 51.27 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.5	21.7

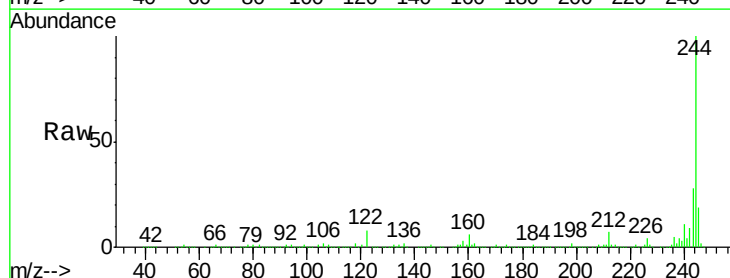


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

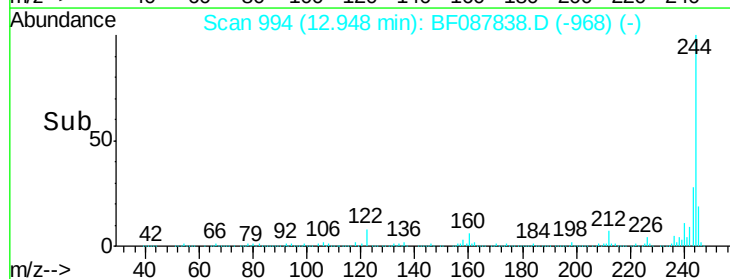
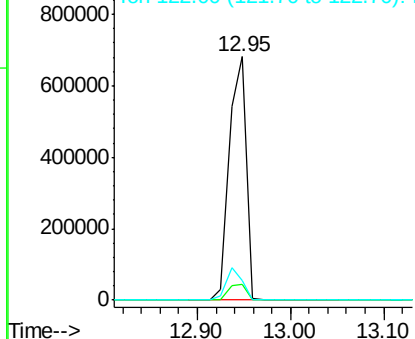


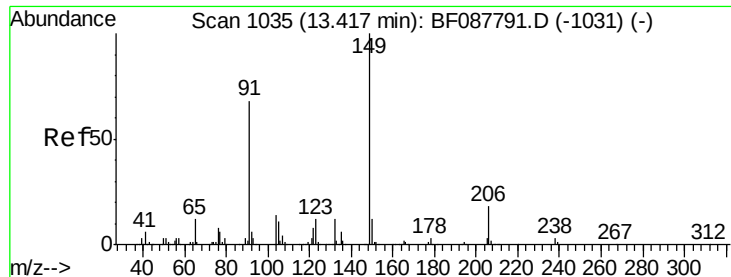
#78
Terphenyl-d14
 Concen: 103.61 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	8.0	11.2	16.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

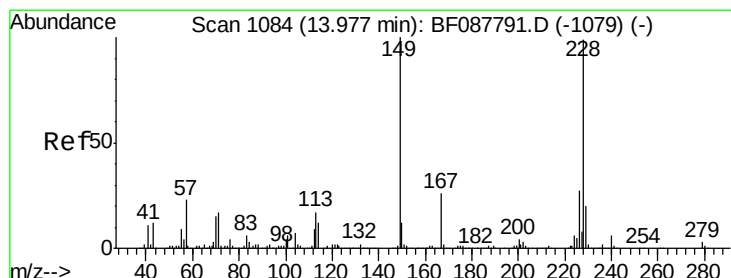
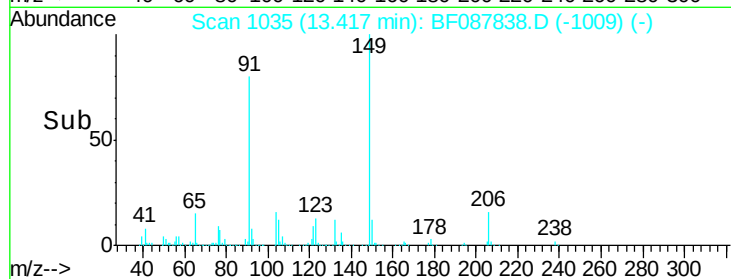
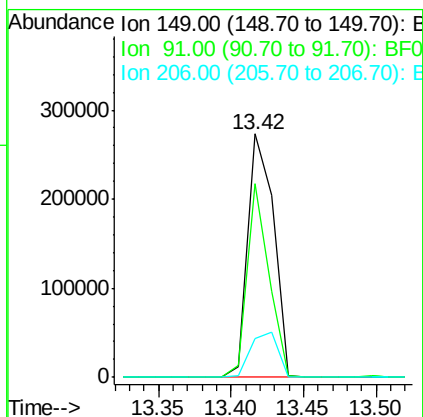
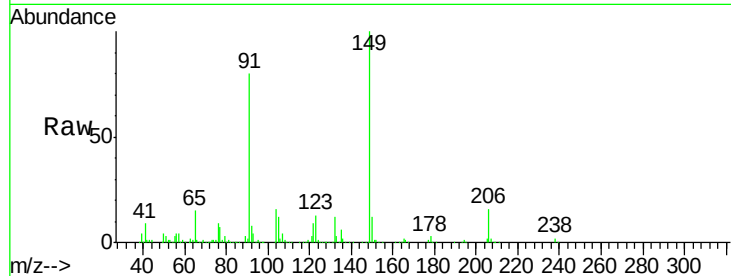




#79
Butylbenzylphthalate
Concen: 53.95 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

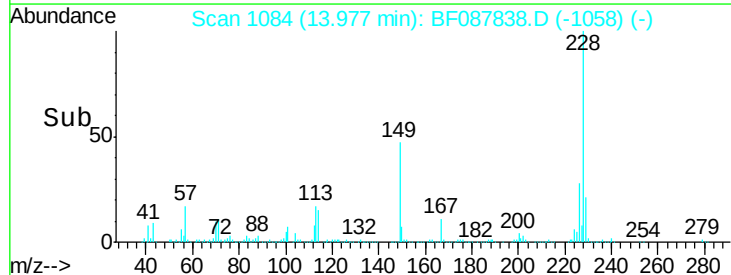
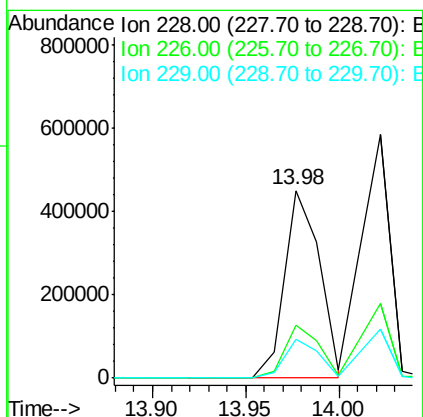
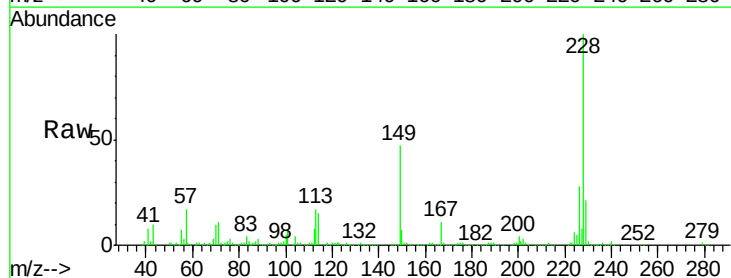
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

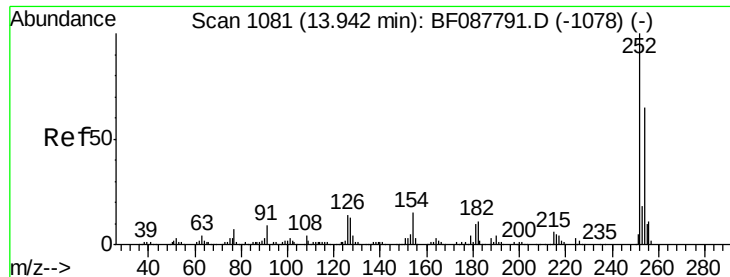
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.6	48.0	72.0#
206	15.8	16.0	24.0#



#80
Benzo(a)anthracene
Concen: 54.31 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.5	16.0	24.0

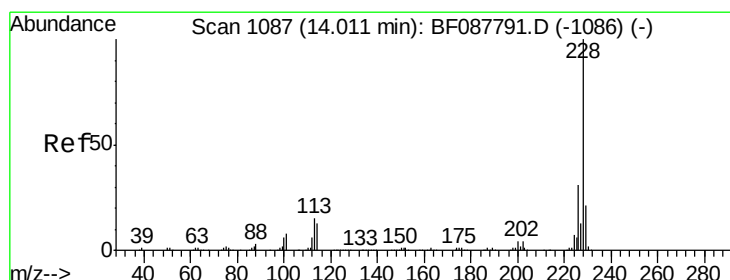
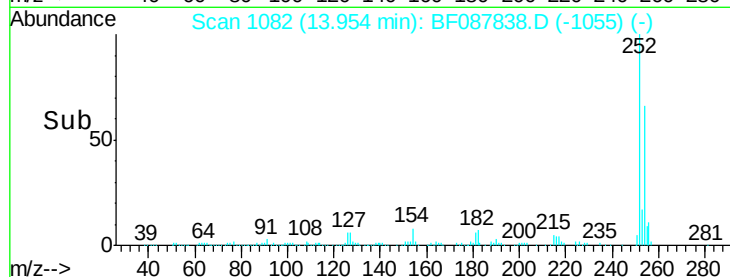
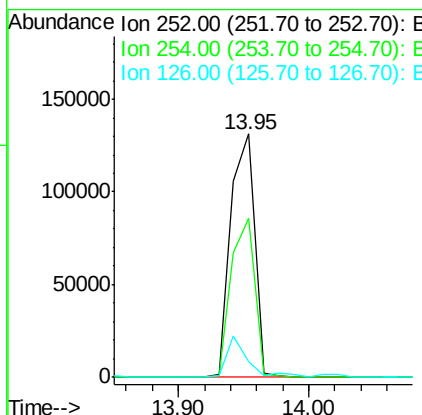
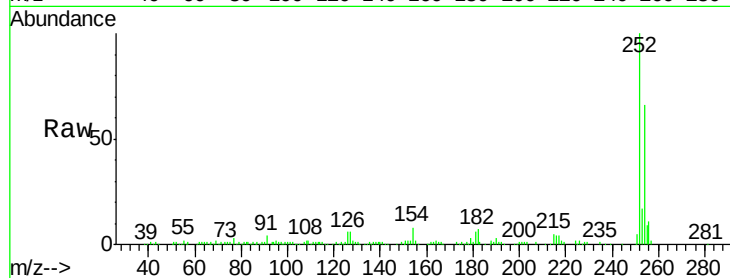




#81
 3,3'-Dichlorobenzidine
 Concen: 57.12 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

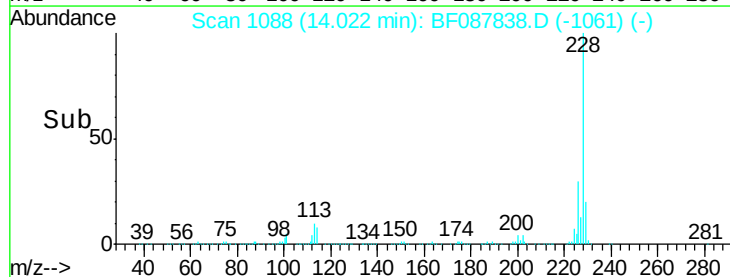
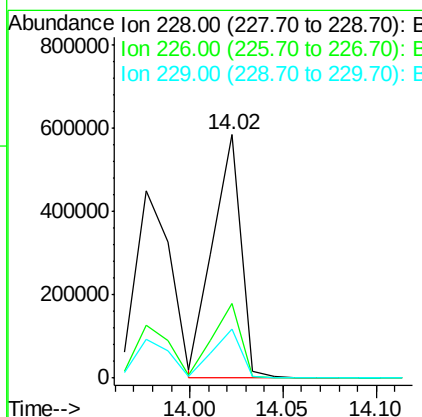
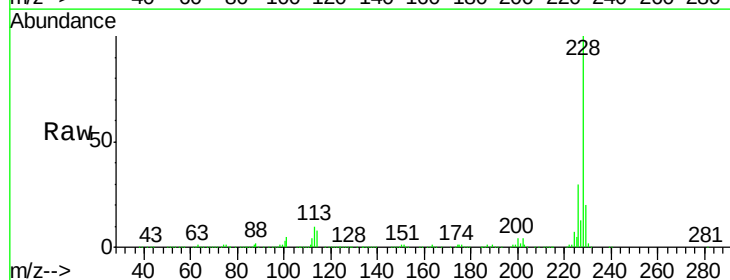
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

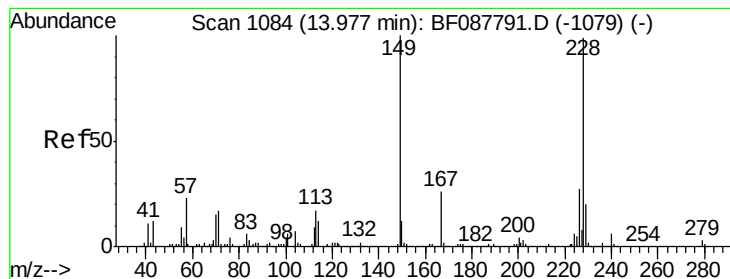
Tgt Ion: 252 Resp: 166643
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.6 78.8
 126 6.3 6.2 9.2



#82
 Chrysene
 Concen: 60.35 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion: 228 Resp: 615946
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 19.9 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.39 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

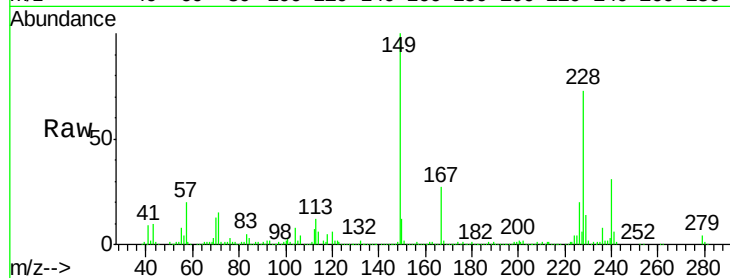
Tgt Ion:149 Resp: 466714

Ion Ratio Lower Upper

149 100

167 26.7 20.5 30.7

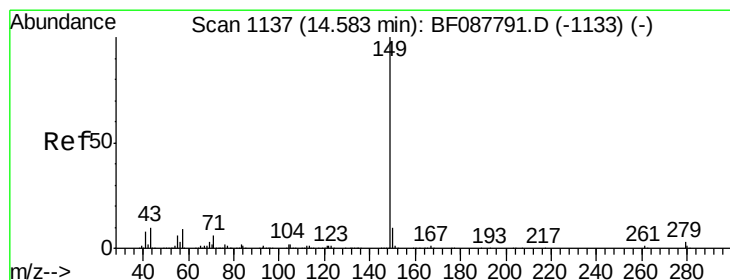
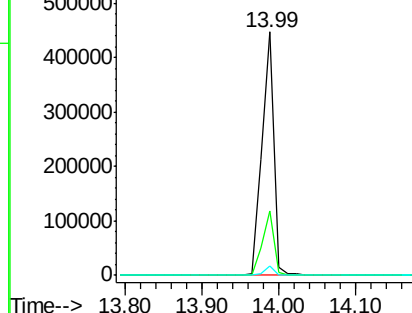
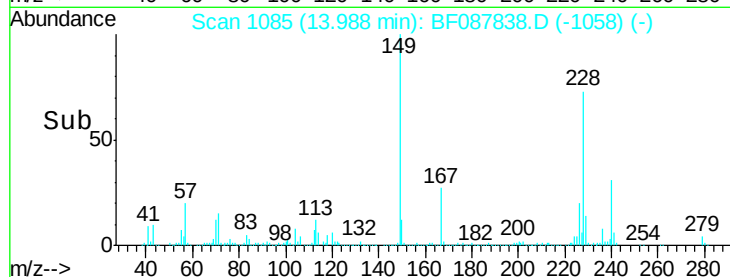
279 3.8 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 67.08 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

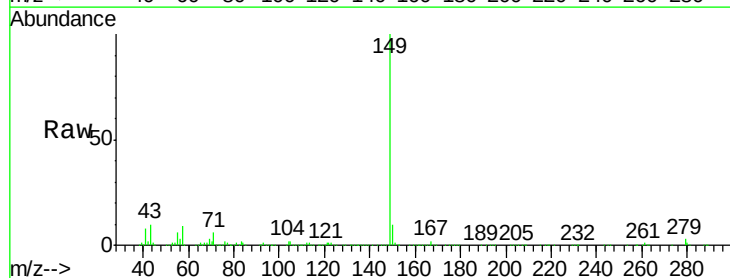
Tgt Ion:149 Resp: 828719

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

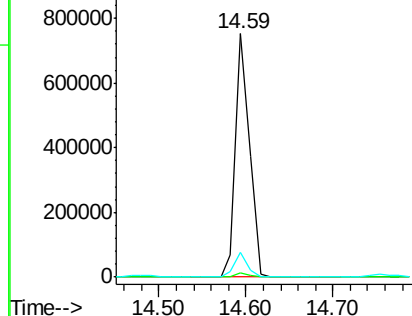
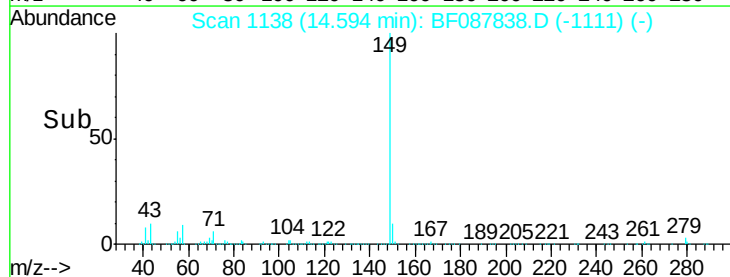
43 8.9 0.0 0.0#

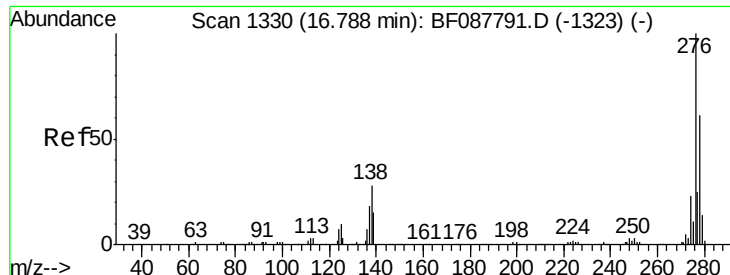


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

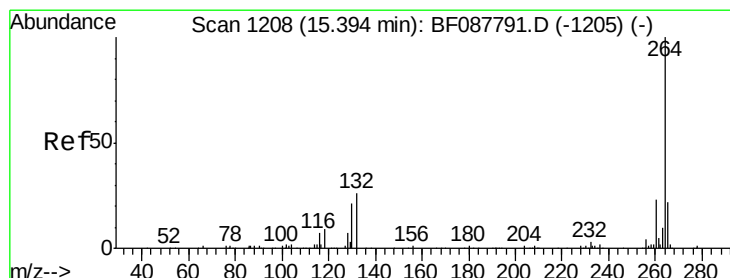
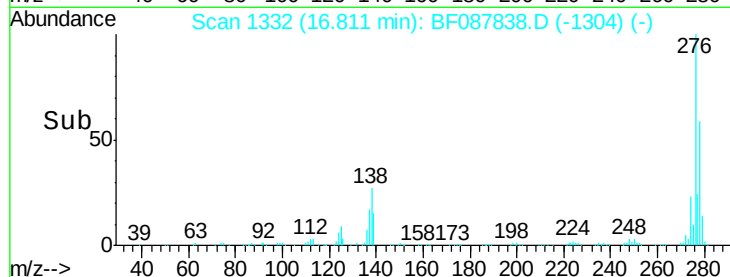
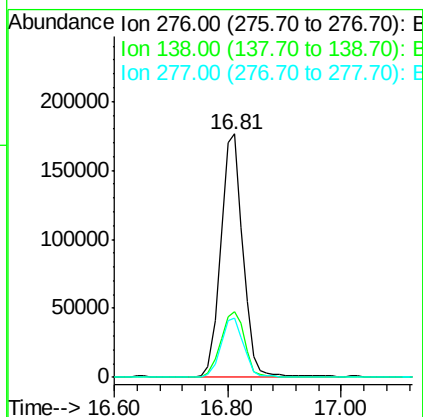
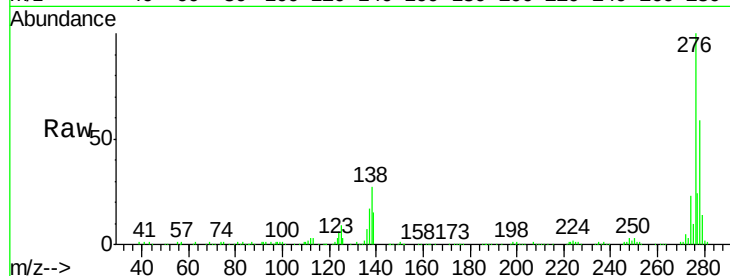




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.89 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

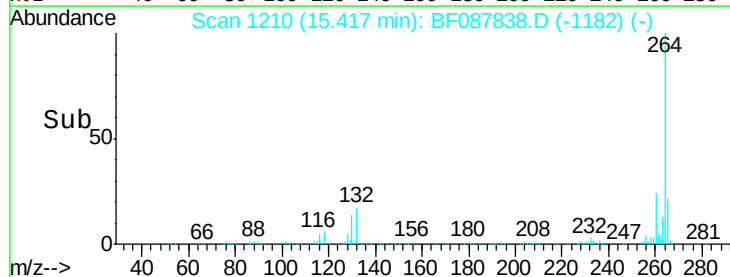
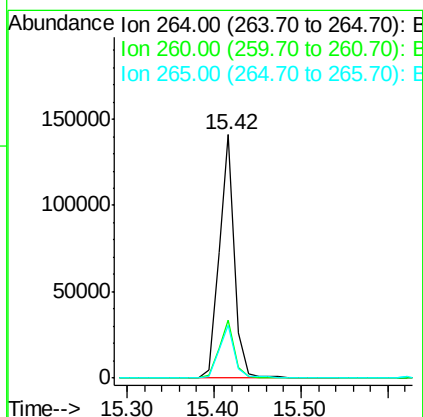
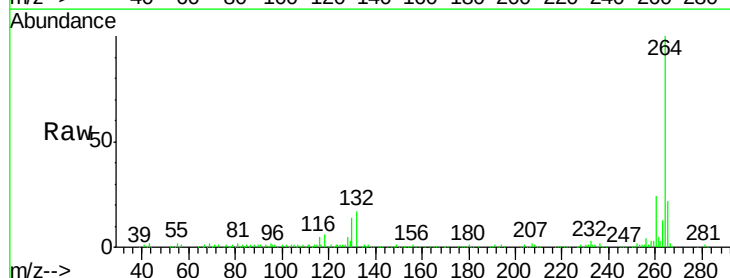
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

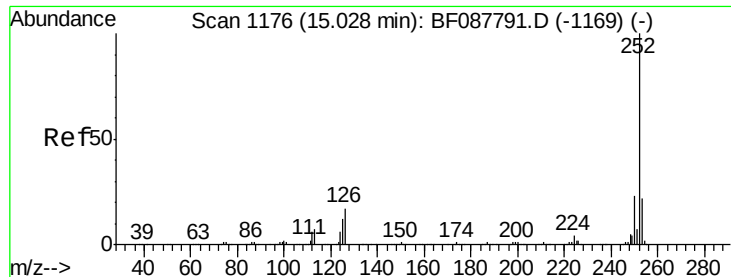
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 87.40 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.05 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

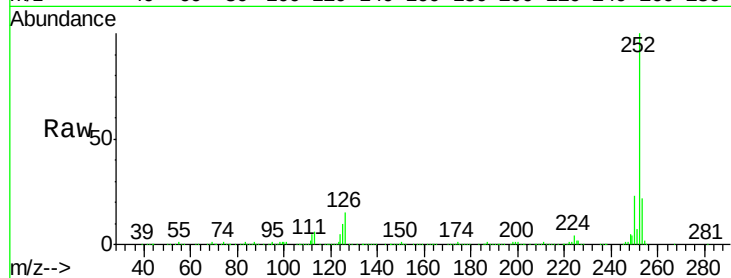
Tgt Ion:252 Resp: 1051144

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

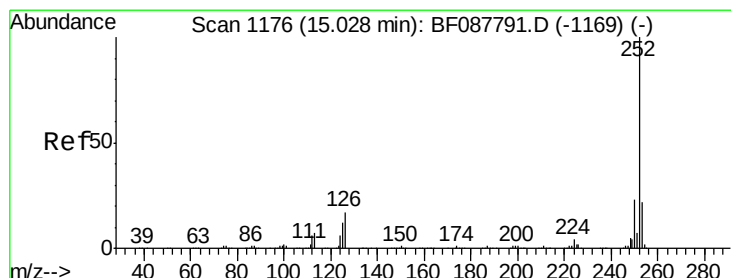
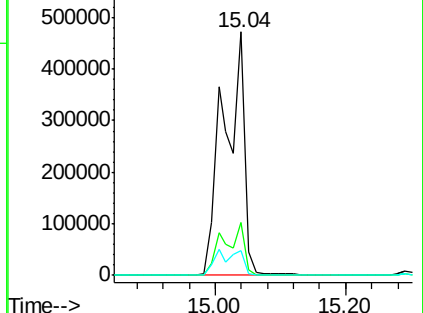
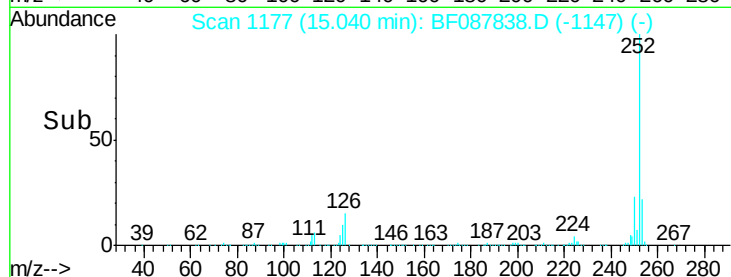
125 10.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 115.87 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

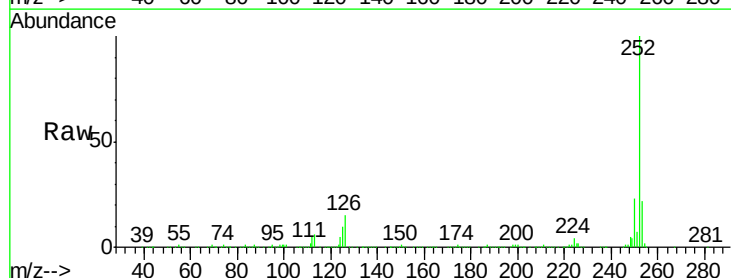
Tgt Ion:252 Resp: 1051144

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

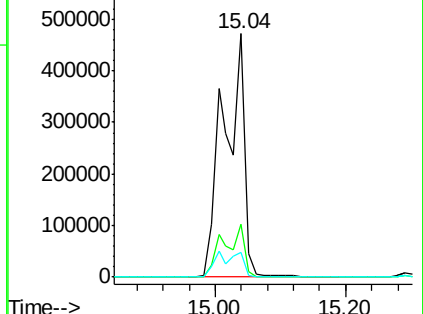
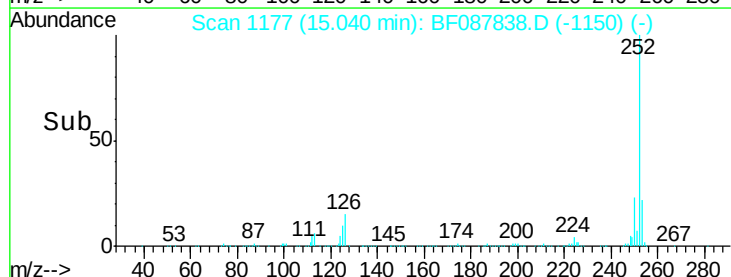
125 10.4 11.2 16.8#

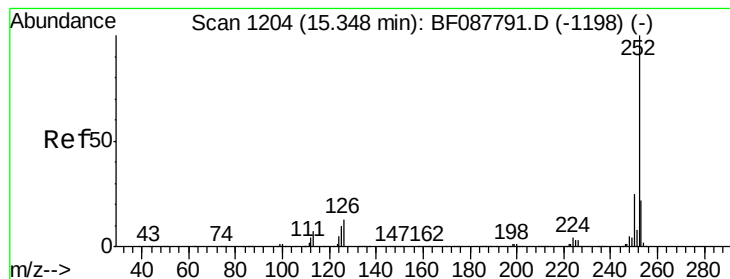


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.48 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

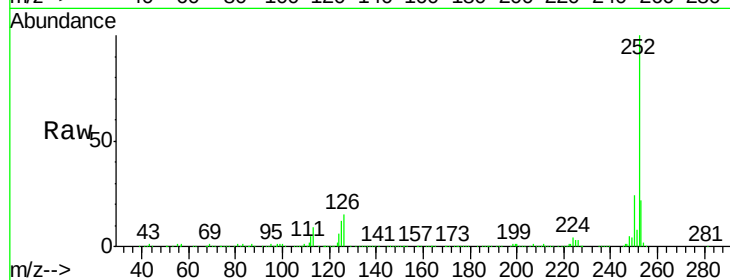
Tgt Ion: 252 Resp: 461991

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

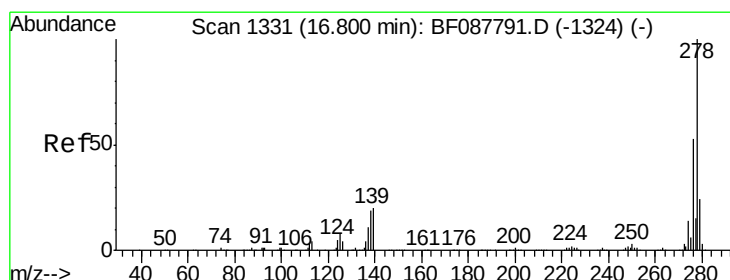
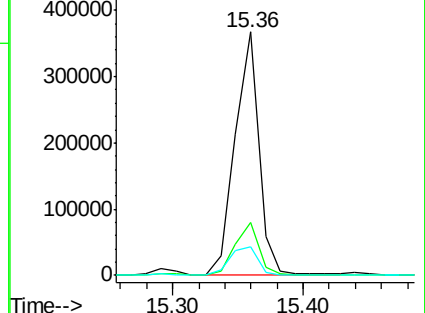
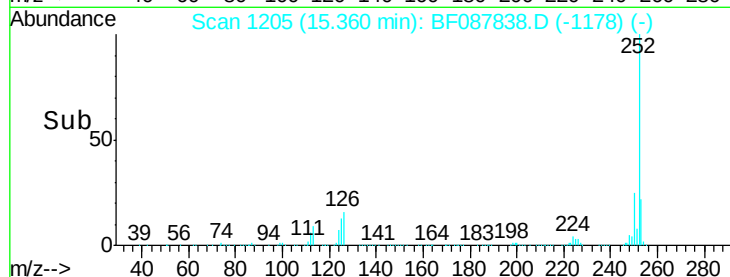
125 12.0 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.97 ng

RT: 16.82 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

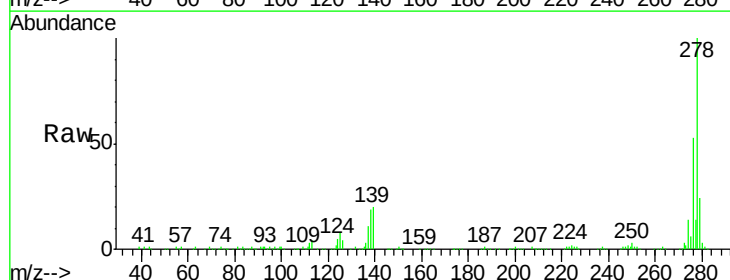
Tgt Ion: 278 Resp: 397382

Ion Ratio Lower Upper

278 100

139 19.5 15.7 23.5

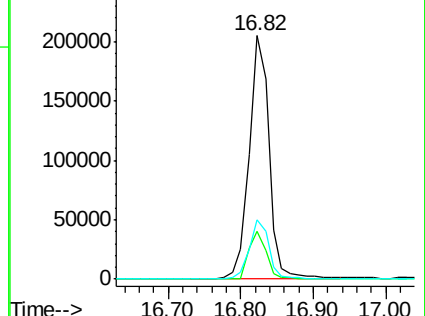
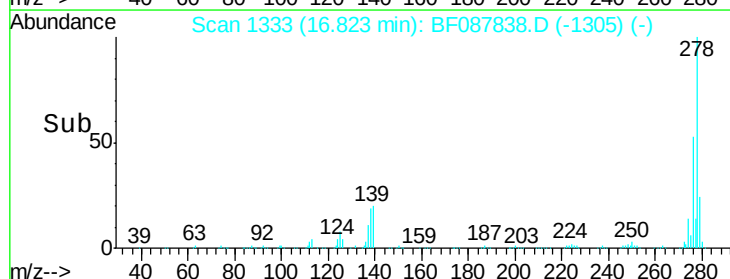
279 24.3 19.4 29.2

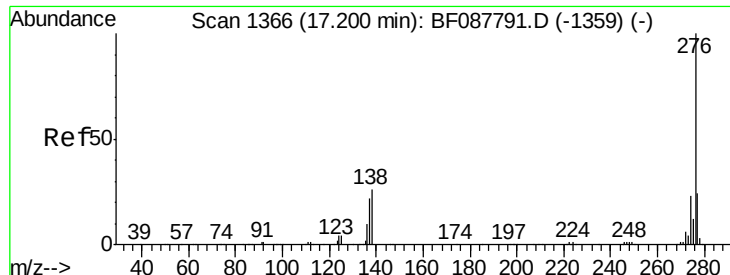


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.50 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF087838.D

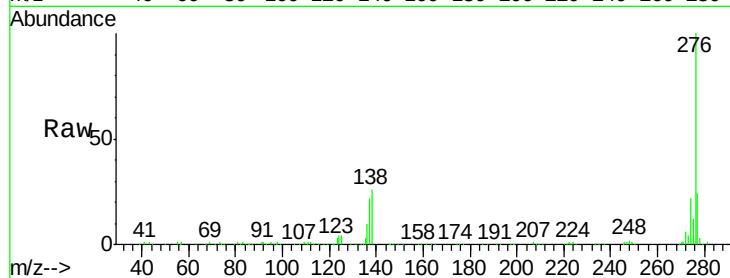
Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS



Tgt Ion:	276	Resp:	395074
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.1	21.4	32.2

