

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087253.D
 Acq On : 21 May 2016 5:44
 Operator : UM/SJ
 Sample : H3144-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

Quant Time: May 21 06:44:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126143	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	526933	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	259970	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	470689	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	313000	20.00	ng	-0.07
86) Perylene-d12	15.04	264	255928	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	851163	113.42	ng	-0.06
7) Phenol-d6	6.23	99	1137218	112.98	ng	-0.06
23) Nitrobenzene-d5	7.14	82	856682	81.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	311492	108.43	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1305380	83.16	ng	-0.06
78) Terphenyl-d14	12.65	244	1209247	87.39	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	107204	27.77	ng	# 64
4) n-Nitrosodimethylamine	2.62	42	237592	35.90	ng	# 52
6) Aniline	6.24	93	29335	2.29	ng	# 1
8) 2-Chlorophenol	6.34	128	359013	39.32	ng	# 81
9) Benzaldehyde	6.11	77	111925	17.58	ng	95
10) Phenol	6.24	94	447631	35.38	ng	71
11) bis(2-Chloroethyl)ether	6.31	93	373161	39.28	ng	92
12) 1,3-Dichlorobenzene	6.73	146	326227	33.61	ng	99
13) 1,4-Dichlorobenzene	6.73	146	329915	33.22	ng	98
14) 1,2-Dichlorobenzene	6.73	146	333106	38.31	ng	97
15) Benzyl Alcohol	6.73	79	324114	43.25	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	713889	36.55	ng	68
17) 2-Methylphenol	6.86	107	295202	39.37	ng	# 78
18) Hexachloroethane	7.06	117	148794	39.19	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	307721	40.22	ng	# 72
20) 3+4-Methylphenols	7.00	107	423430	42.81	ng	# 63
22) Acetophenone	6.98	105	525773	40.77	ng	# 97
24) Nitrobenzene	7.15	77	430367	37.28	ng	94
25) Isophorone	7.39	82	762754	39.41	ng	98
26) 2-Nitrophenol	7.47	139	196524	41.09	ng	# 79
27) 2,4-Dimethylphenol	7.53	122	327893	40.18	ng	87
28) bis(2-Chloroethoxy)methane	7.61	93	433076	40.76	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	319942	44.49	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	330802	41.45	ng	98
31) Naphthalene	7.86	128	1021642	39.68	ng	99
32) Benzoic acid	7.66	122	14349	2.95	ng	# 86
33) 4-Chloroaniline	7.95	127	27468	2.57	ng	# 94
34) Hexachlorobutadiene	7.99	225	191728	42.34	ng	99
36) 4-Chloro-3-methylphenol	8.43	107	341708	39.39	ng	99
37) 2-Methylnaphthalene	8.56	142	712817	43.28	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	306874	40.41	ng	99
40) Hexachlorocyclopentadiene	8.71	237	212936	73.35	ng	97
42) 2,4,6-Trichlorophenol	8.84	196	188391	38.26	ng	95
43) 2,4,5-Trichlorophenol	8.90	196	192054	37.54	ng	94

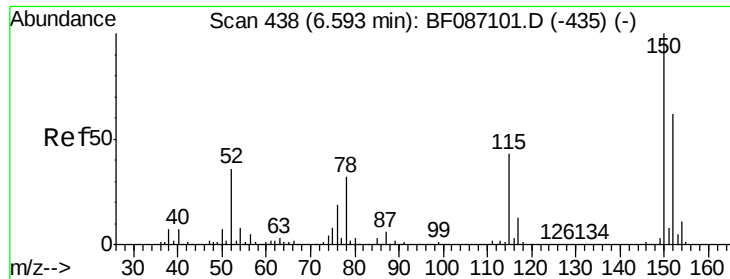
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.03	154	884580	41.04	ng	99
46) 2-Chloronaphthalene	9.04	162	652300	39.42	ng	# 91
47) 2-Nitroaniline	9.15	65	244575	38.57	ng	# 66
48) Acenaphthylene	9.45	152	947394	37.49	ng	98
49) Dimethylphthalate	9.34	163	881743	44.46	ng	99
50) 2,6-Dinitrotoluene	9.40	165	192731	44.76	ng	94
51) Acenaphthene	9.62	154	582439	36.89	ng	98
52) 3-Nitroaniline	9.58	138	37206	7.98	ng	# 86
53) 2,4-Dinitrophenol	9.69	184	108116	45.96	ng	87
54) Dibenzofuran	9.79	168	846354	41.46	ng	# 89
55) 4-Nitrophenol	9.79	139	544578	118.19	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	211441	38.34	ng	# 67
57) Fluorene	10.14	166	621366	37.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	174996	43.92	ng	96
59) Diethylphthalate	10.03	149	807216	42.64	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	342475	44.05	ng	88
61) 4-Nitroaniline	10.19	138	95966	20.85	ng	84
62) Azobenzene	10.30	77	935037	42.86	ng	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	112107	36.16	ng	# 45
65) n-Nitrosodiphenylamine	10.26	169	443819	29.96	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	192118	39.69	ng	90
67) Hexachlorobenzene	10.68	284	214607	38.24	ng	# 82
68) Atrazine	10.79	200	48345	10.01	ng	95
69) Pentachlorophenol	10.89	266	147881	70.15	ng	97
70) Phenanthrene	11.10	178	1057863	41.44	ng	100
71) Anthracene	11.14	178	976775	37.83	ng	99
72) Carbazole	11.31	167	991854	42.05	ng	100
73) Di-n-butylphthalate	11.64	149	1226587	45.27	ng	99
74) Fluoranthene	12.27	202	1019159	39.85	ng	95
76) Benzidine	12.42	184	17103	2.41	ng	98
77) Pyrene	12.50	202	1063528	47.03	ng	99
79) Butylbenzylphthalate	13.13	149	494521	51.81	ng	90
80) Benzo(a)anthracene	13.68	228	741086	40.95	ng	99
82) Chrysene	13.73	228	779989	44.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	592838	51.03	ng	# 99
84) Di-n-octyl phthalate	14.30	149	965361	48.24	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.27	276	622392	40.50	ng	96
87) Benzo(b)fluoranthene	14.69	252	1253257	73.81	ng	# 96
88) Benzo(k)fluoranthene	14.69	252	1253649	99.18	ng	99
89) Benzo(a)pyrene	14.99	252	581994	41.01	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	524982	43.94	ng	96
91) Benzo(g,h,i)perylene	16.63	276	527594	43.72	ng	96

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

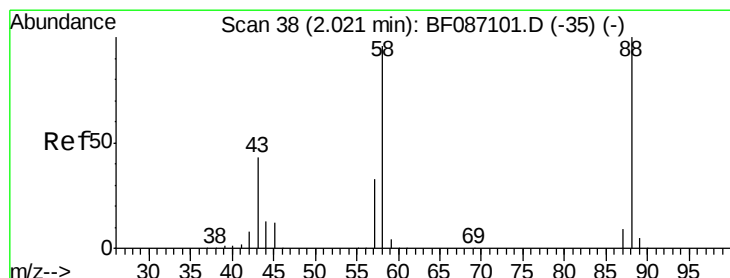
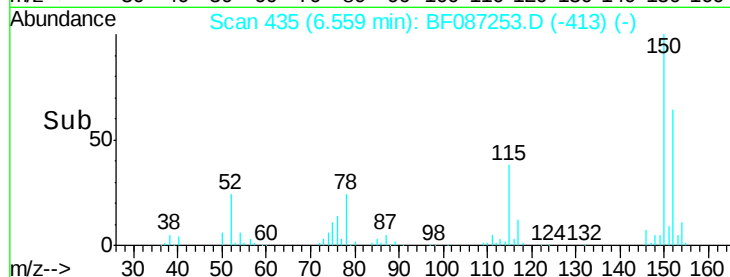
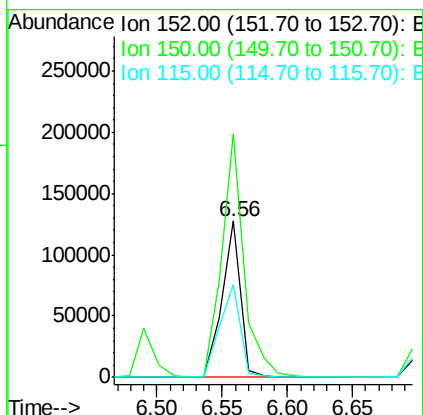
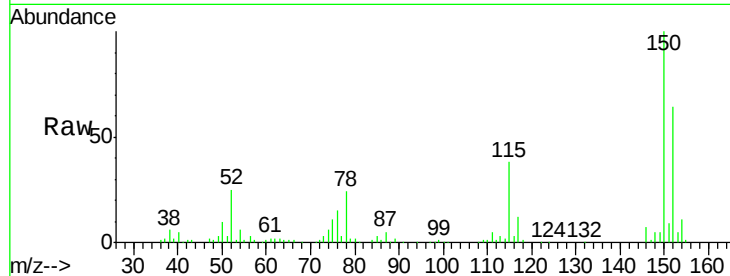


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

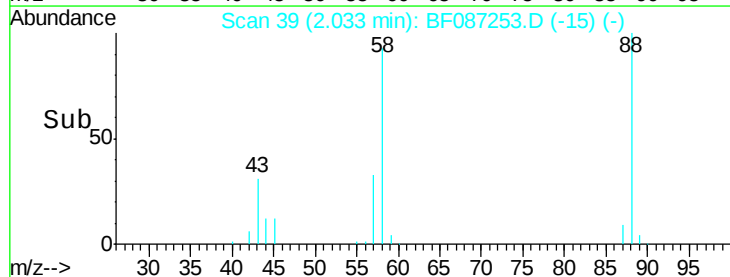
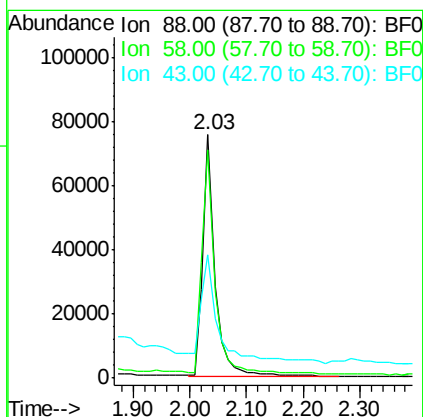
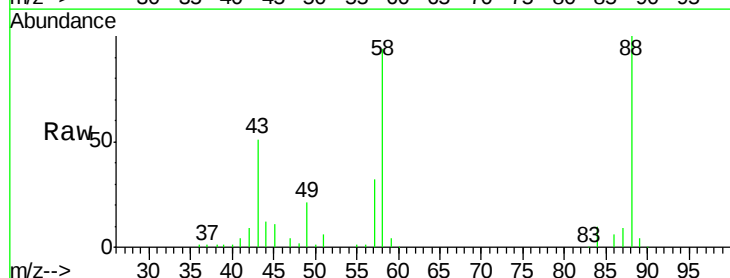
Tgt Ion:152 Resp: 126143
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.3 51.5 77.3

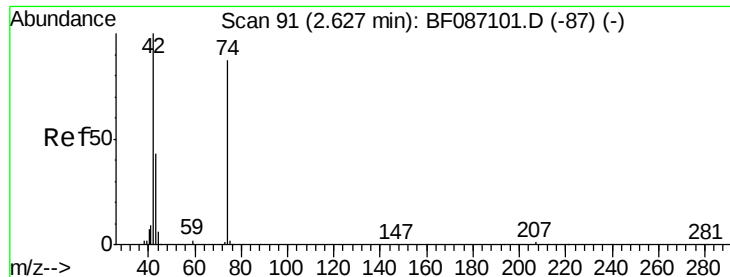


#2

1,4-Dioxane
Concen: 27.77 ng
RT: 2.03 min Scan# 39
Delta R.T. -0.02 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 88 Resp: 107204
Ion Ratio Lower Upper
88 100
58 100.6 59.6 89.4#
43 53.2 21.8 32.6#





#4

n-Nitrosodimethylamine

Concen: 35.90 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

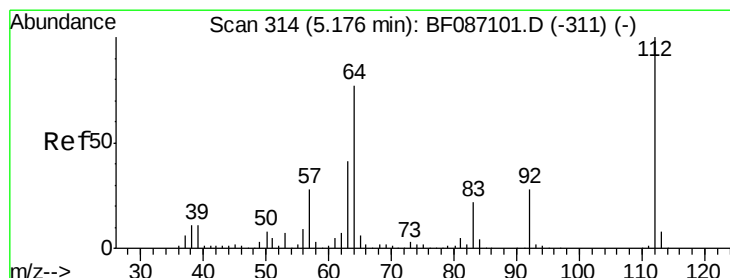
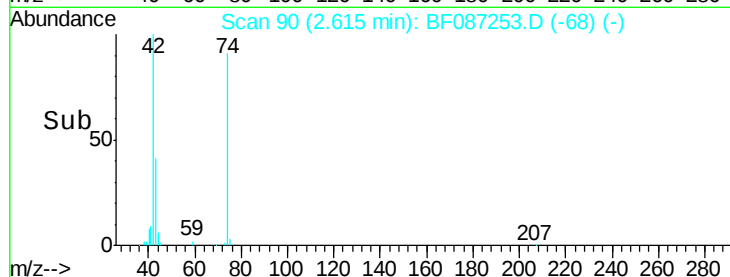
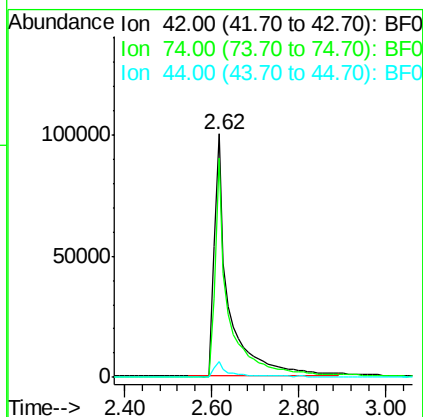
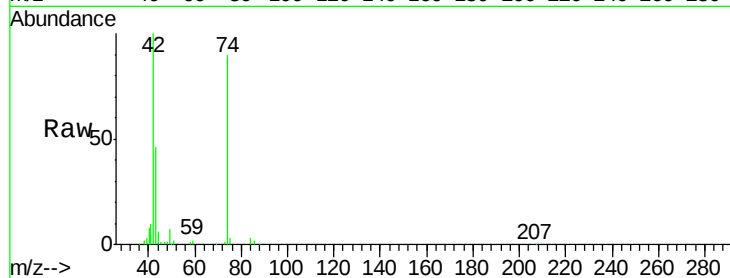
Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tgt Ion:	42	Resp:	237592
Ion	Ratio	Lower	Upper
42	100		
74	90.0	123.4	185.0#
44	6.3	5.8	8.6



#5

2-Fluorophenol

Concen: 113.42 ng

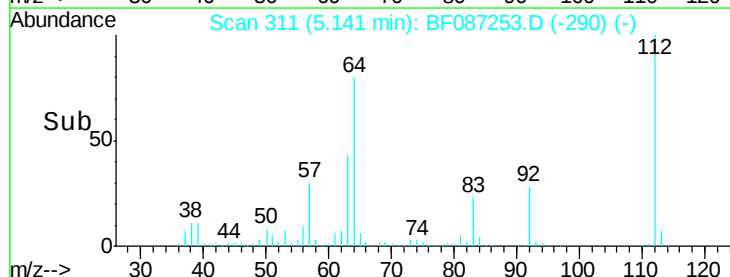
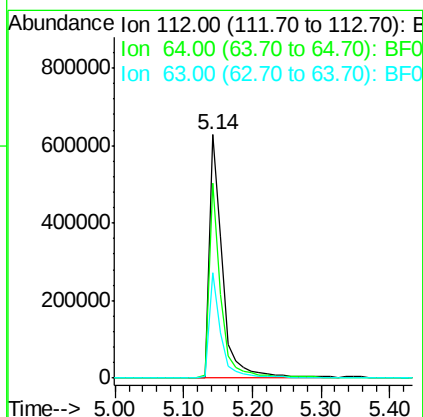
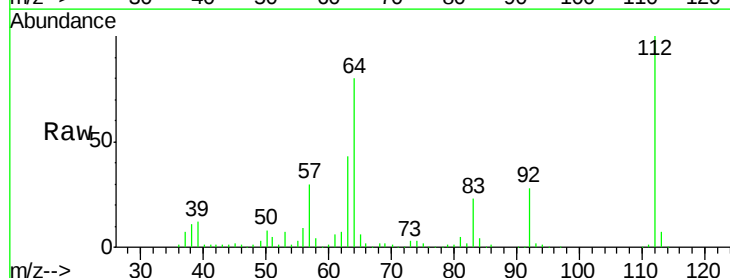
RT: 5.14 min Scan# 311

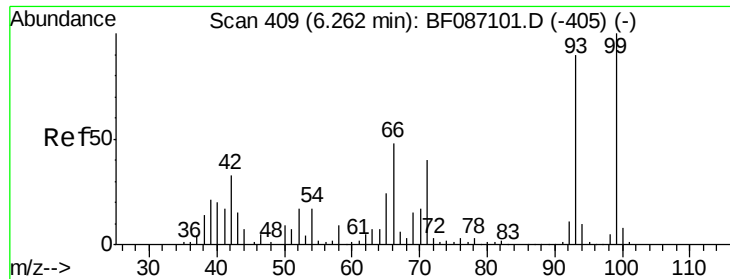
Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Tgt Ion:	112	Resp:	851163
Ion	Ratio	Lower	Upper
112	100		
64	79.8	52.1	78.1#
63	43.5	25.7	38.5#





#6

Aniline

Concen: 2.29 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

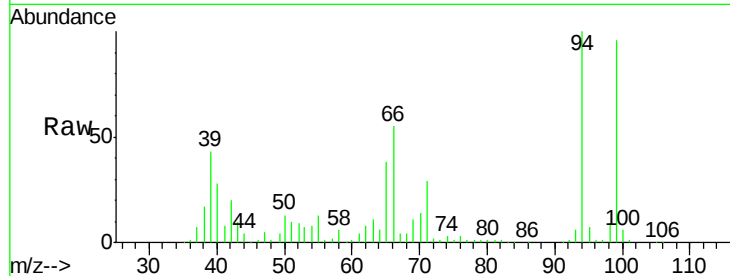
Tgt Ion: 93 Resp: 29335

Ion Ratio Lower Upper

93 100

66 864.9 39.0 58.6#

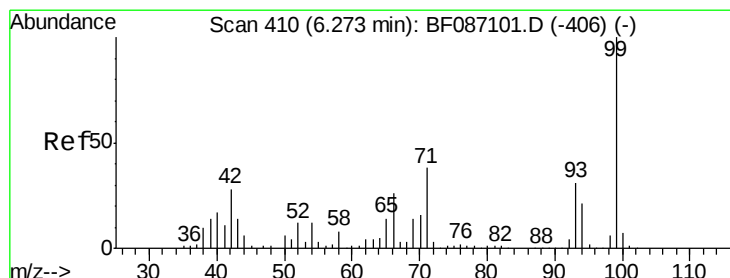
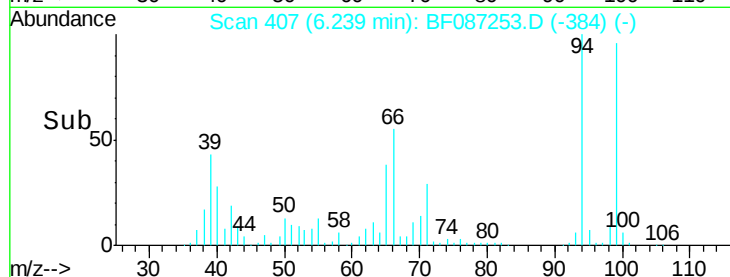
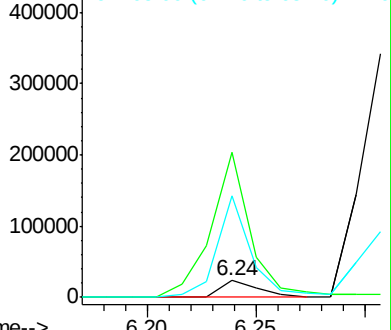
65 606.1 20.6 31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 112.98 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

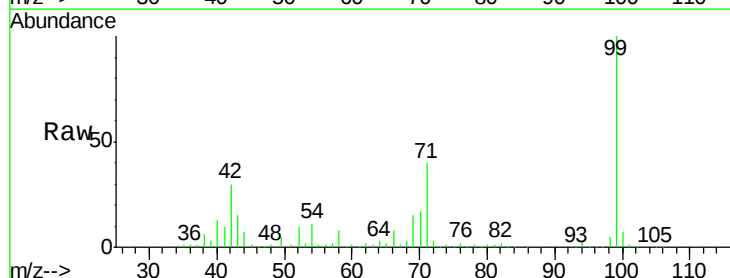
Tgt Ion: 99 Resp: 1137218

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

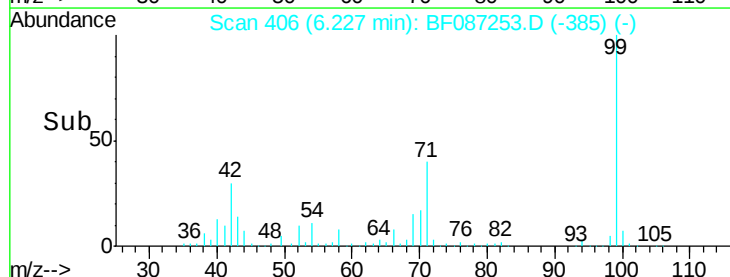
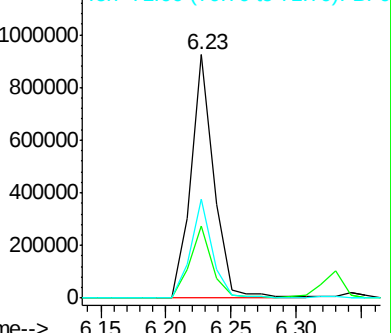
71 40.5 24.6 36.8#

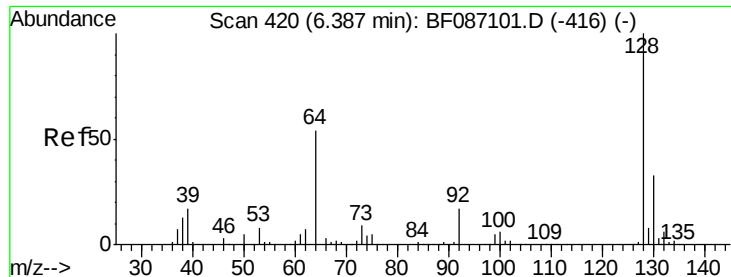


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 39.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

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7-AB-AC(0-2)MS

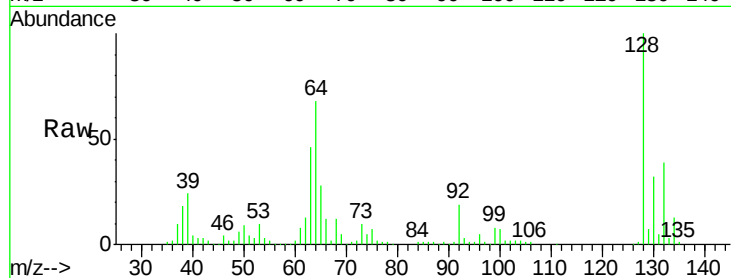
Tgt Ion:128 Resp: 359013

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

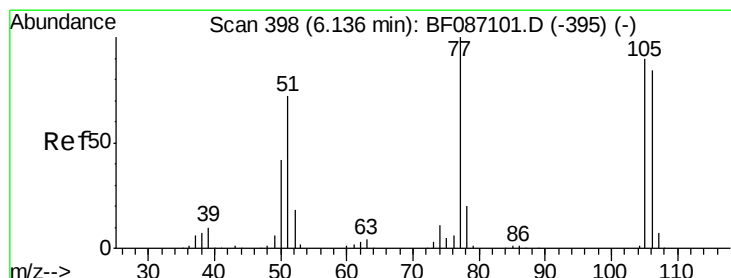
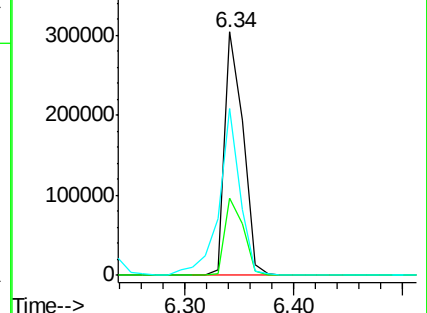
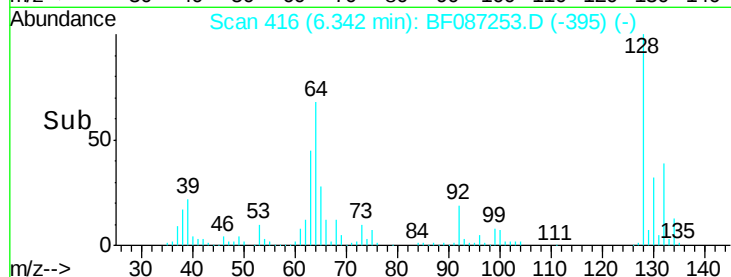
64 68.3 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 17.58 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

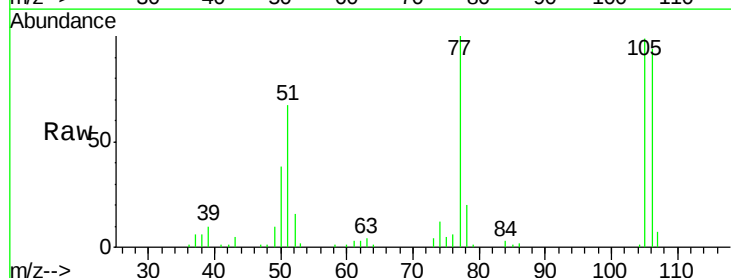
Tgt Ion: 77 Resp: 111925

Ion Ratio Lower Upper

77 100

105 99.4 72.7 112.7

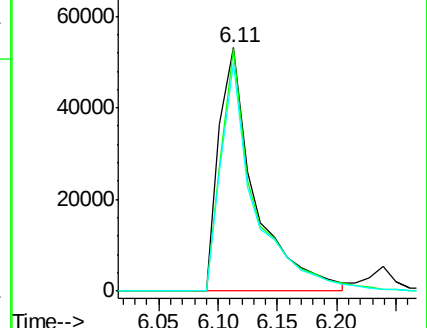
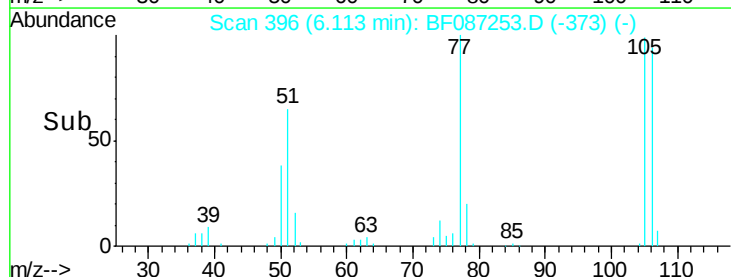
106 93.5 70.8 110.8

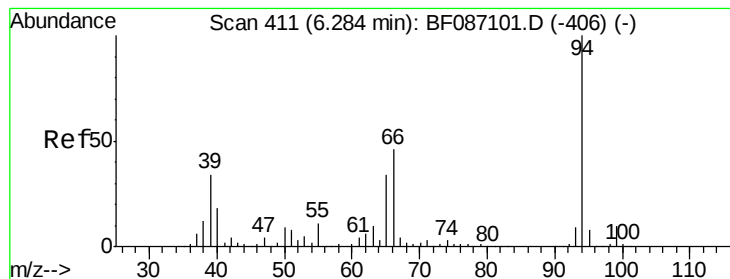


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 35.38 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

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7-AB-AC(0-2)MS

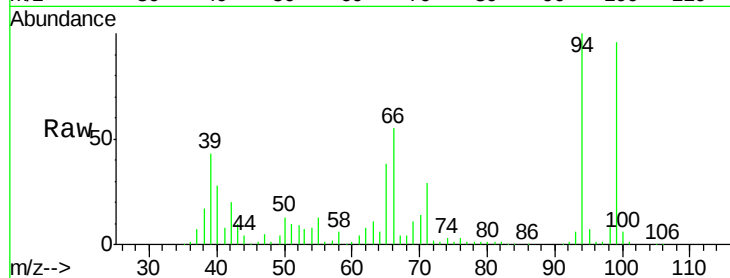
Tgt Ion: 94 Resp: 447631

Ion Ratio Lower Upper

94 100

65 38.4 7.2 47.2

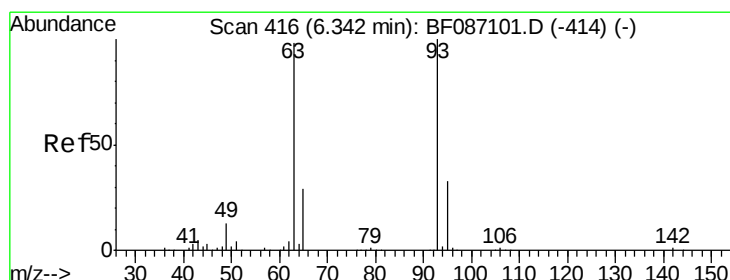
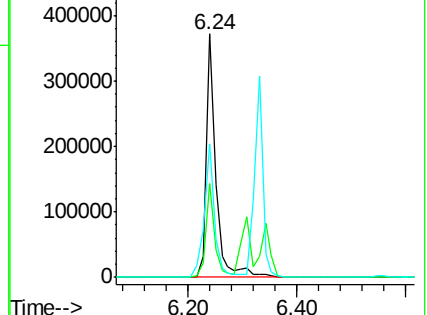
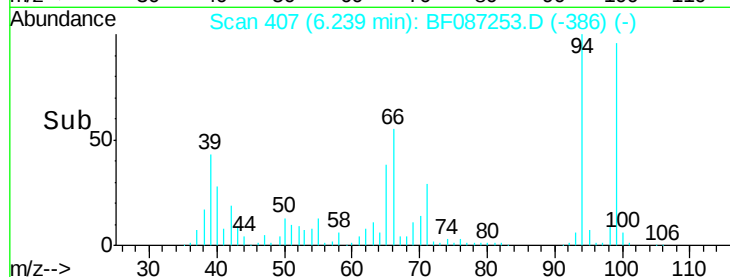
66 54.8 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 39.28 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

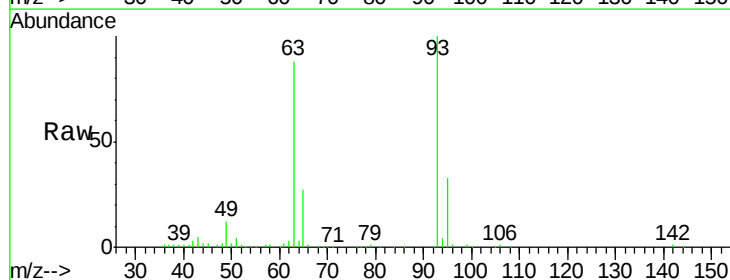
Tgt Ion: 93 Resp: 373161

Ion Ratio Lower Upper

93 100

63 87.6 58.0 98.0

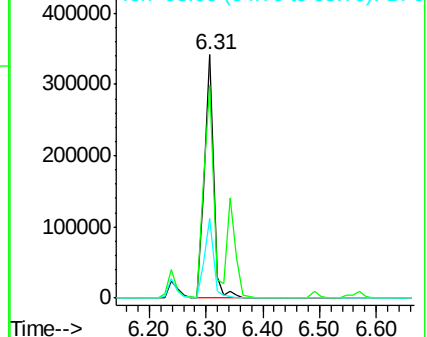
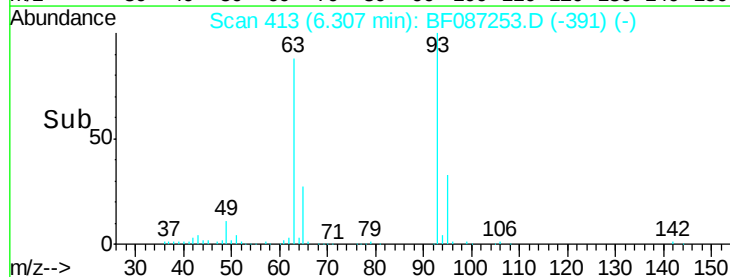
95 32.8 11.9 51.9

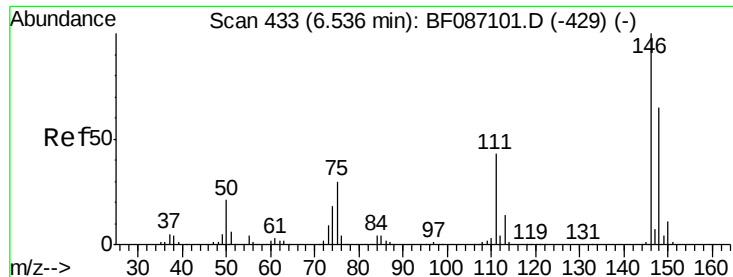


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 33.61 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.18 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

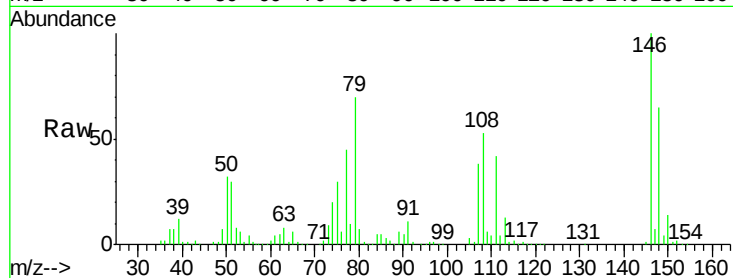
Tgt Ion:146 Resp: 326227

Ion Ratio Lower Upper

146 100

148 65.0 52.4 78.6

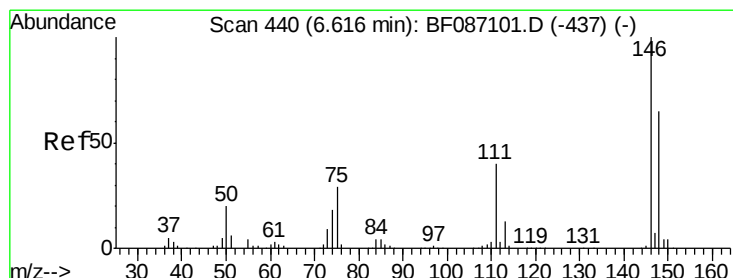
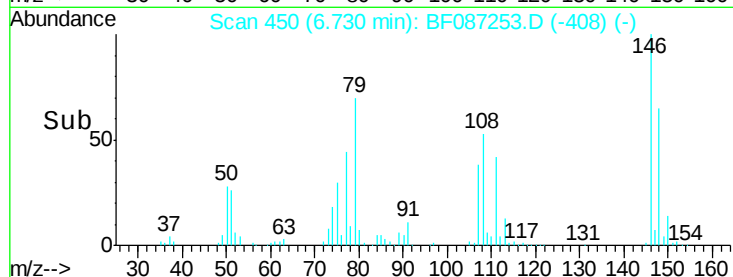
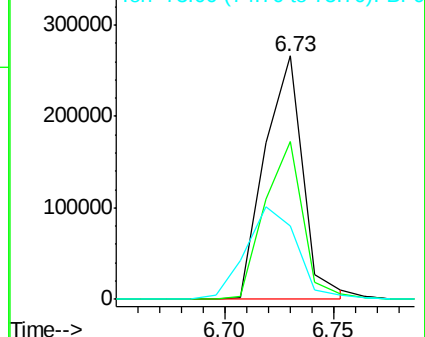
75 30.3 22.8 34.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 33.22 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.10 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

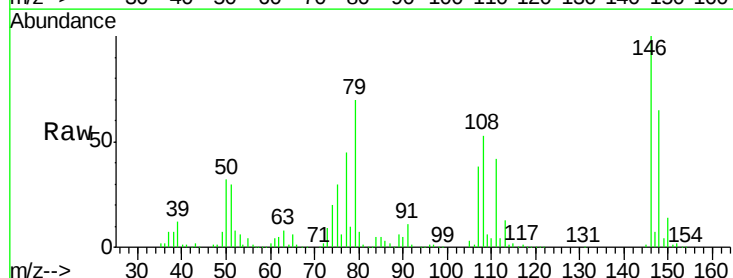
Tgt Ion:146 Resp: 329915

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.4

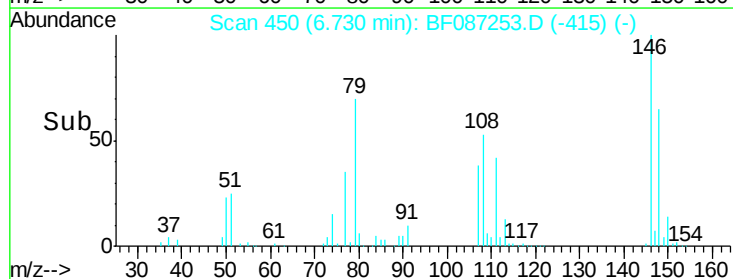
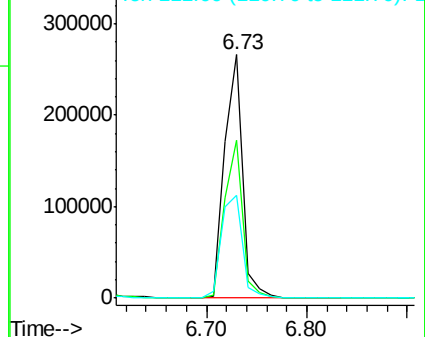
111 42.0 30.7 46.1

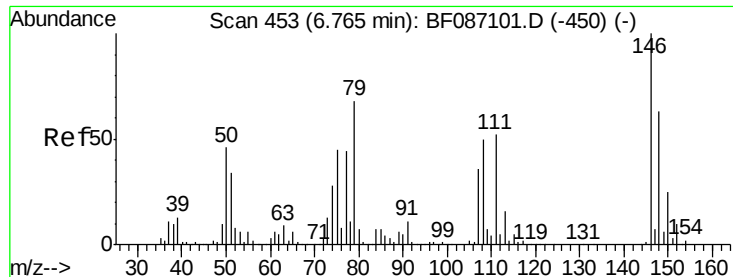


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

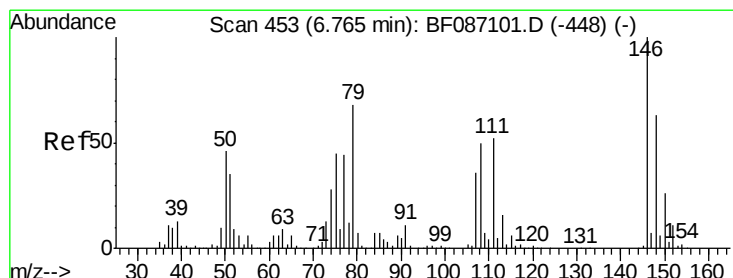
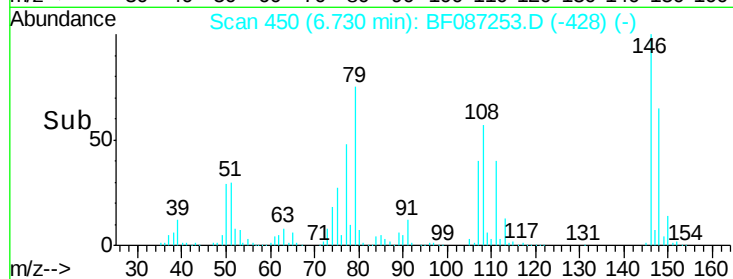
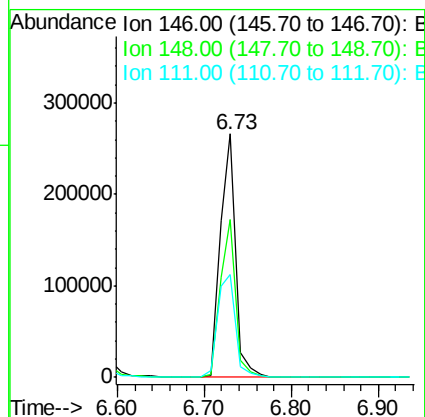
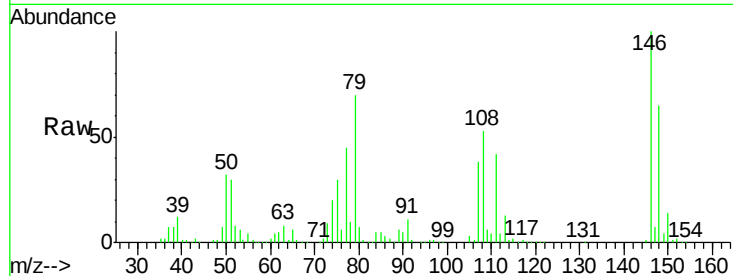




#14
 1,2-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

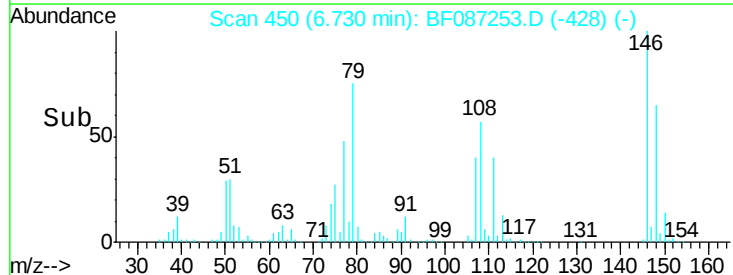
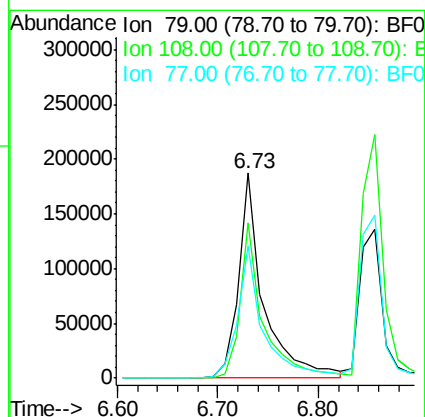
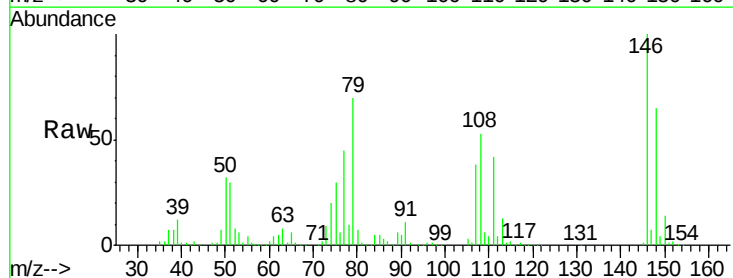
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

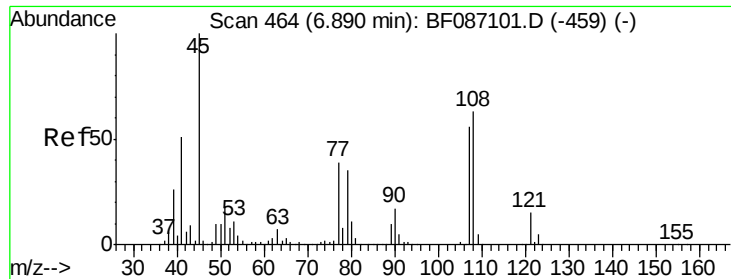
Tgt Ion: 146 Resp: 333106
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 42.0 36.2 54.4



#15
 Benzyl Alcohol
 Concen: 43.25 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion: 79 Resp: 324114
 Ion Ratio Lower Upper
 79 100
 108 75.9 68.4 102.6
 77 64.2 50.6 76.0

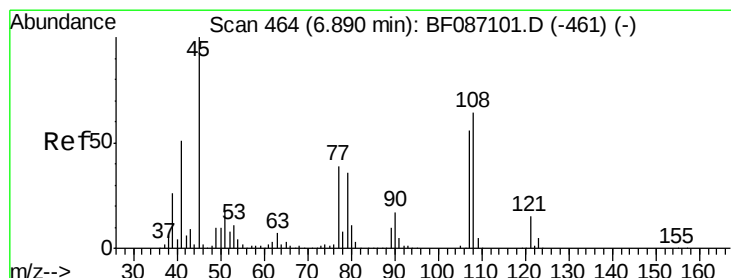
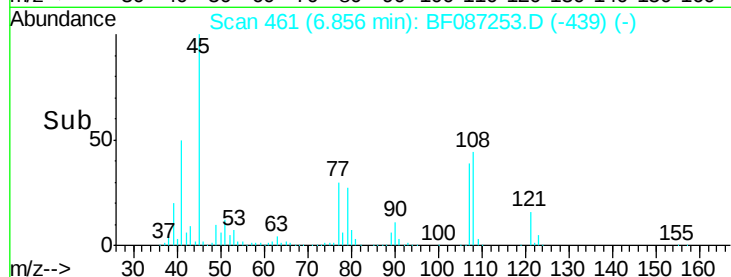
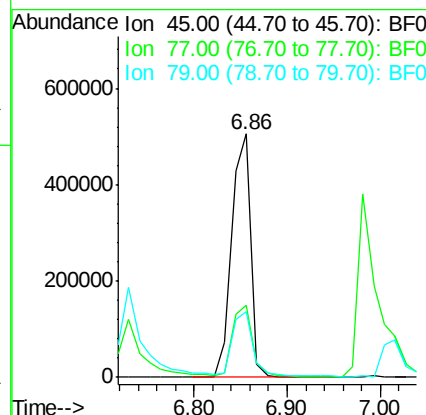
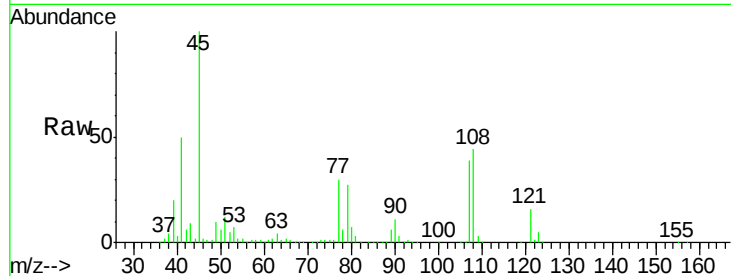




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.55 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

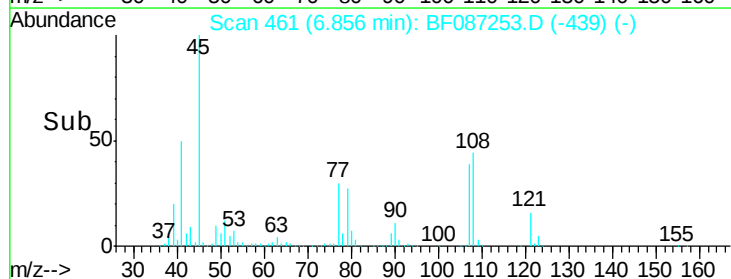
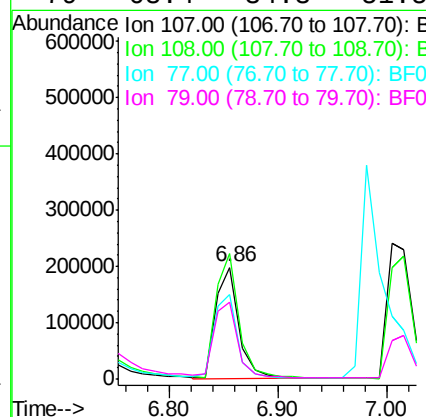
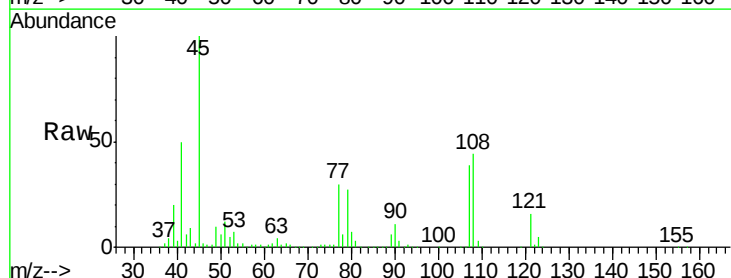
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

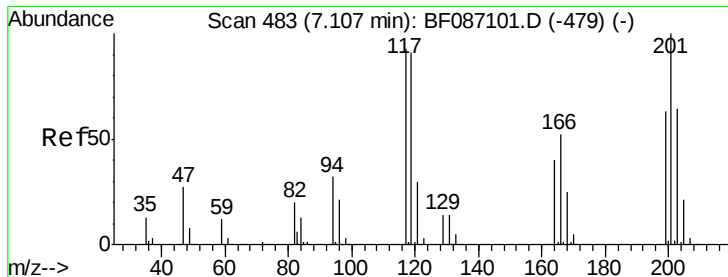
Tgt Ion:	45	Resp:	713889
Ion	Ratio	Lower	Upper
45	100		
77	29.5	0.0	36.4
79	26.9	0.0	33.4



#17
2-Methylphenol
Concen: 39.37 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:	107	Resp:	295202
Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.7	140.5
77	75.0	33.4	50.0#
79	68.4	34.3	51.5#

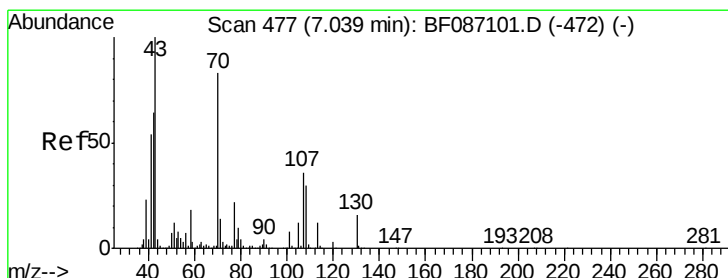
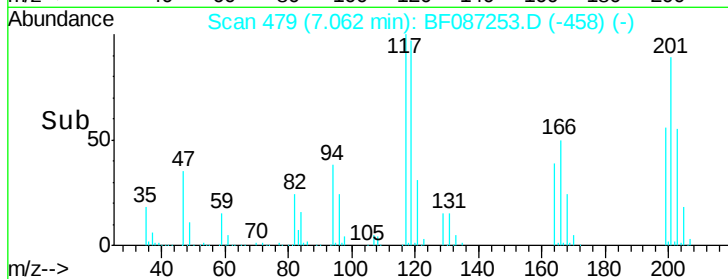
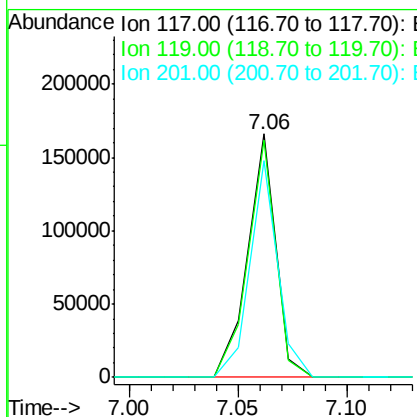
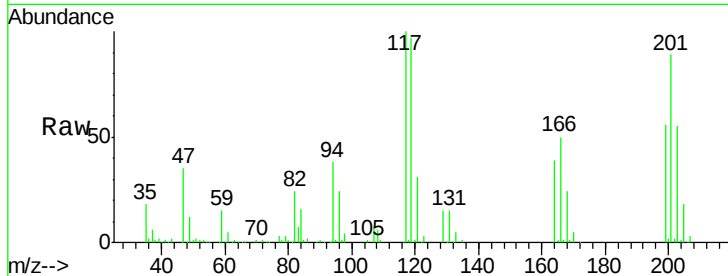




#18
Hexachloroethane
Concen: 39.19 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

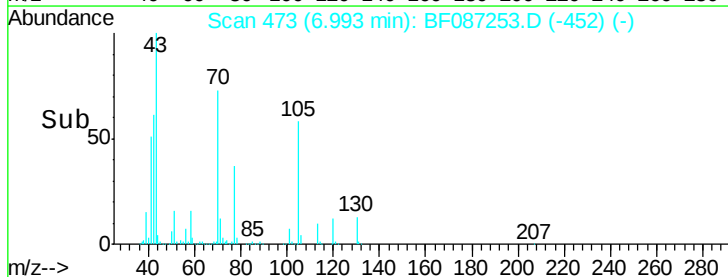
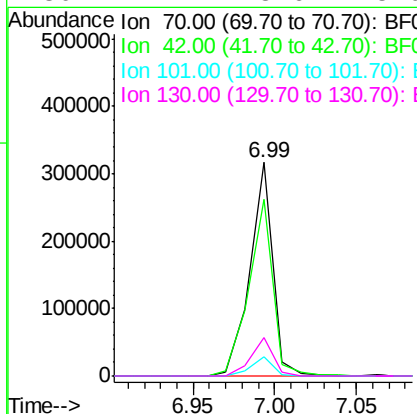
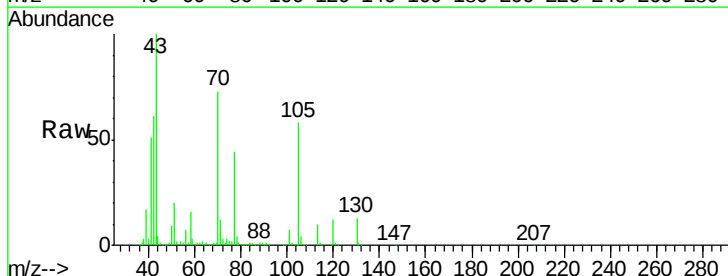
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

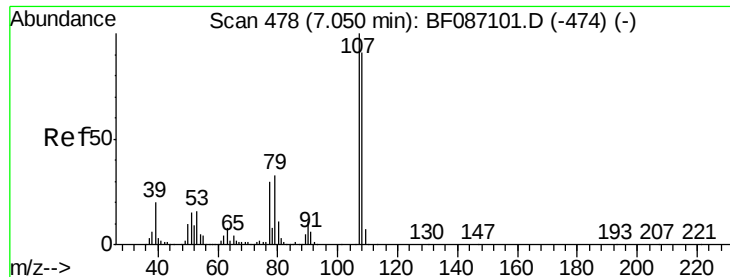
Tgt Ion: 117 Resp: 148794
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
201 88.8 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 40.22 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 70 Resp: 307721
Ion Ratio Lower Upper
70 100
42 83.0 43.1 64.7#
101 9.0 8.1 12.1
130 17.7 18.6 28.0#

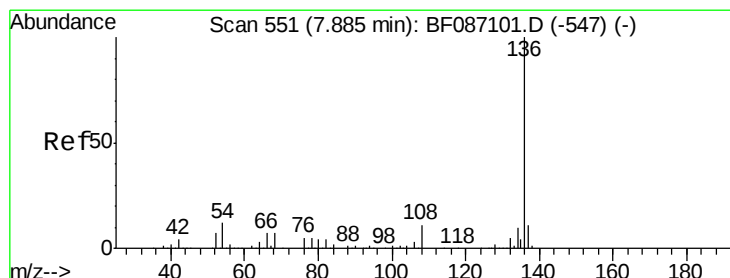
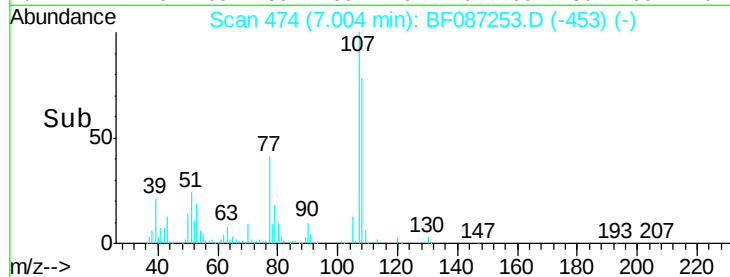
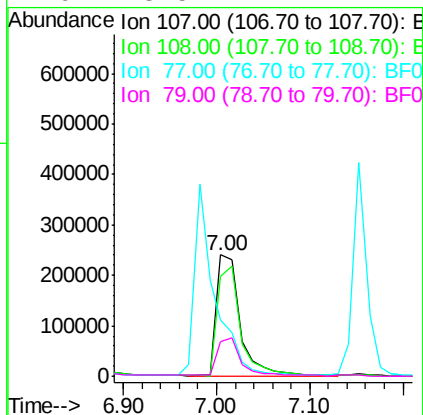
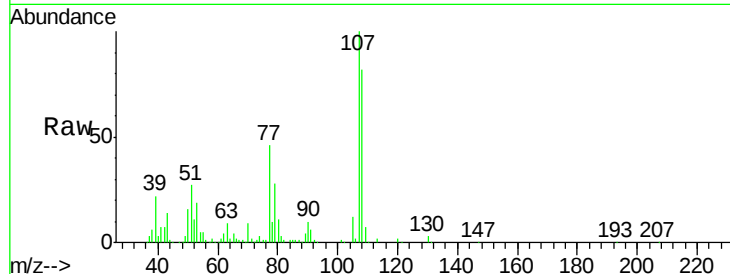




#20
3+4-Methylphenols
Concen: 42.81 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

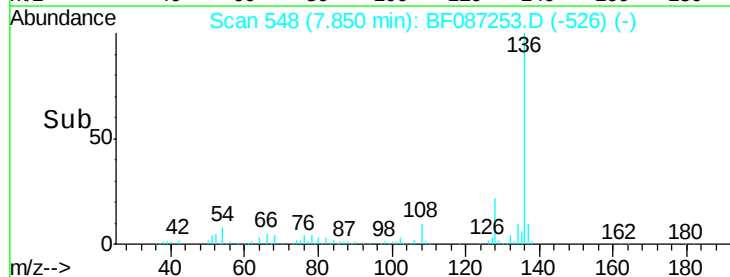
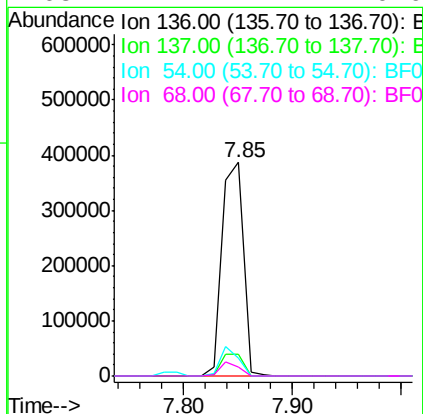
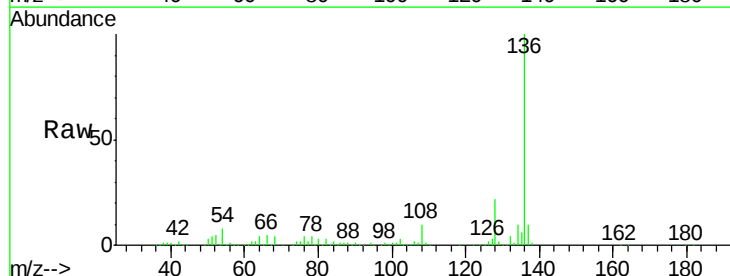
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

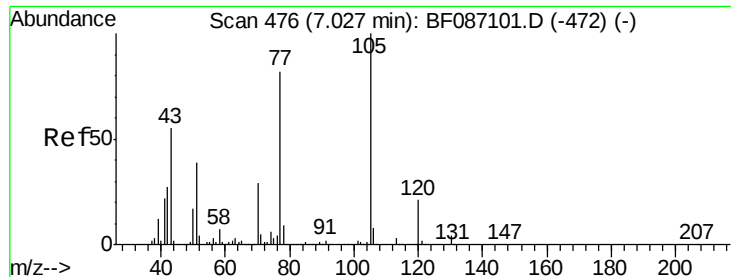
Tgt Ion:	107	Resp:	423430
Ion	Ratio	Lower	Upper
107	100		
108	82.1	68.5	108.5
77	46.2	101.6	141.6#
79	28.5	7.4	47.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:	136	Resp:	526933
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.1	5.0	7.4#
68	4.4	4.4	6.6





#22

Acetophenone

Concen: 40.77 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tgt Ion:105 Resp: 525773

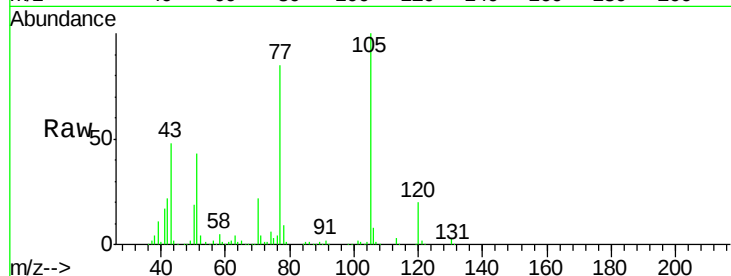
Ion Ratio Lower Upper

105 100

71 3.8 4.8 7.2#

51 43.0 32.6 49.0

120 20.0 16.5 24.7

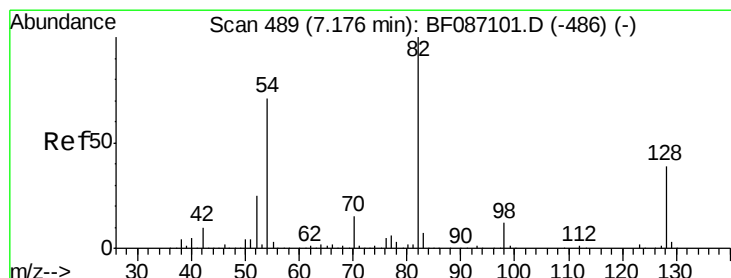
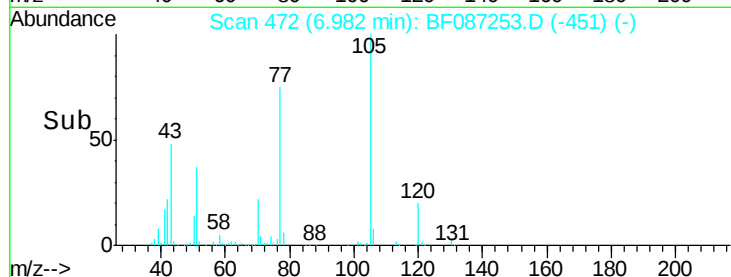
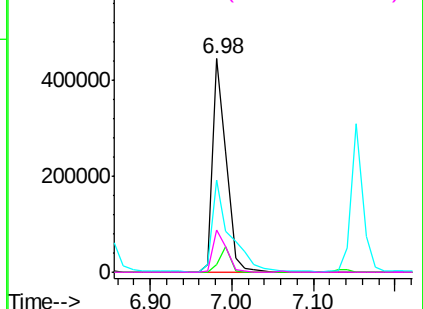


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.03 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

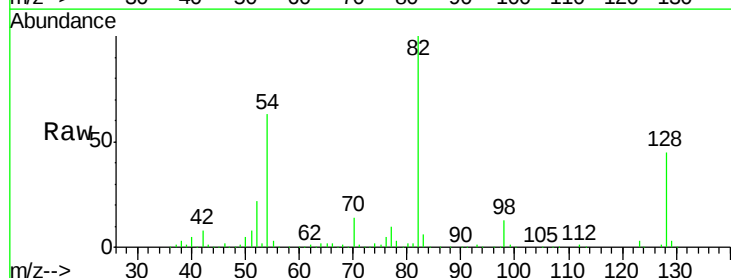
Tgt Ion: 82 Resp: 856682

Ion Ratio Lower Upper

82 100

128 44.7 40.6 61.0

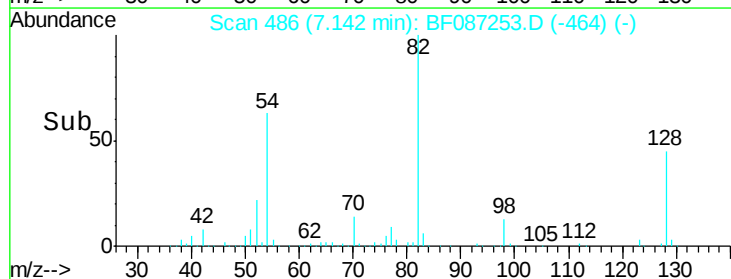
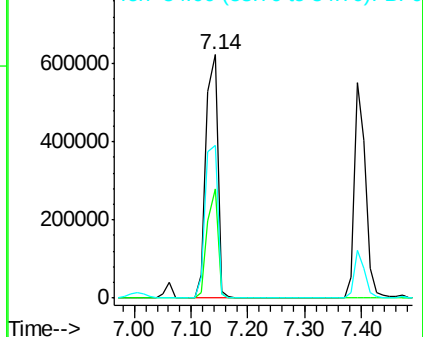
54 62.9 38.1 57.1#

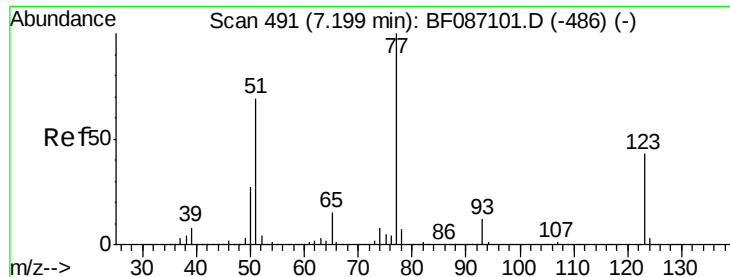


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

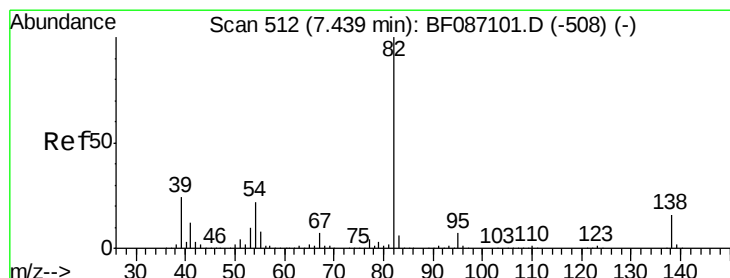
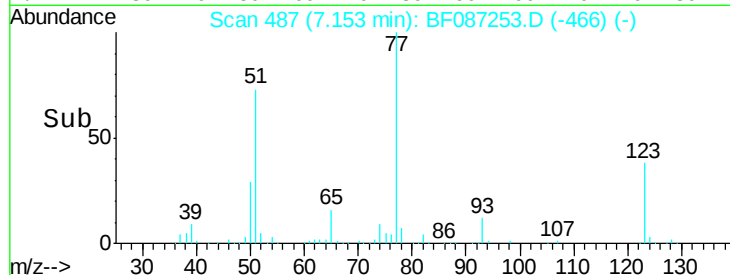
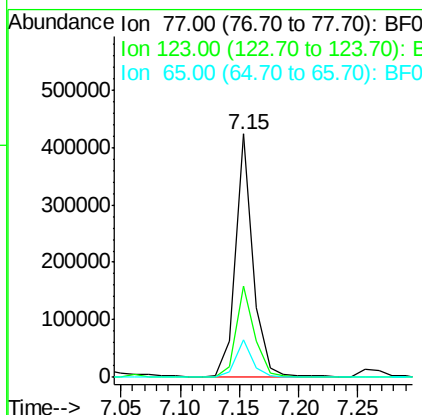
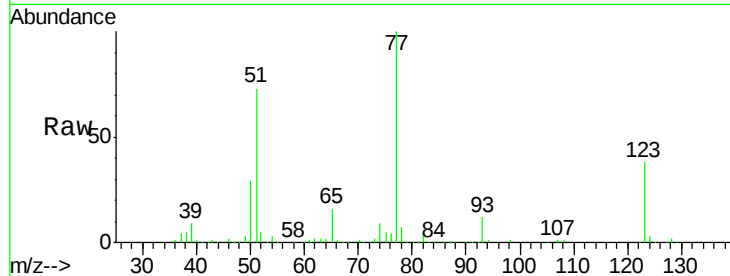




#24
 Nitrobenzene
 Concen: 37.28 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

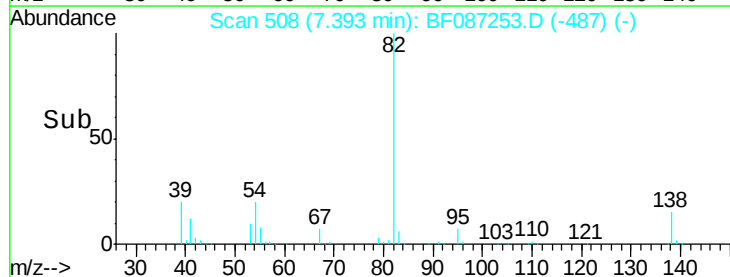
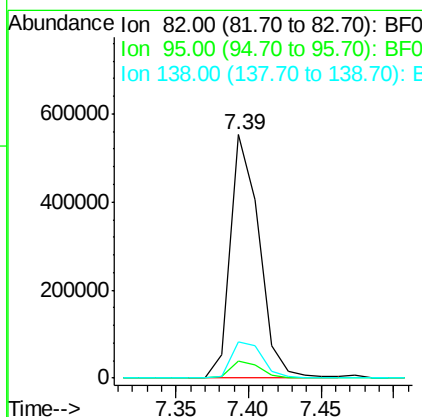
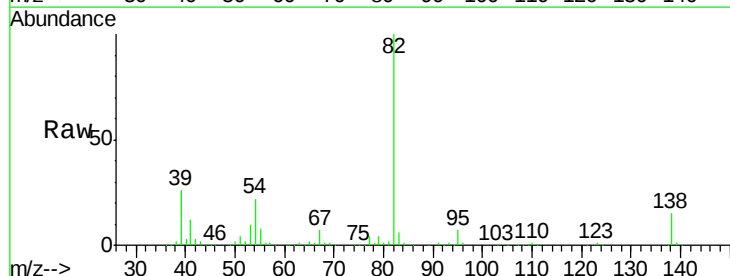
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

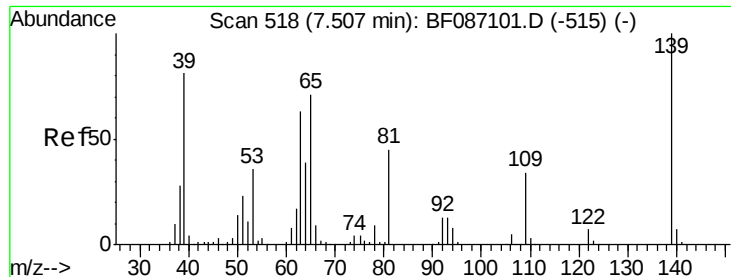
Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.4
65	15.5	10.8	16.2



#25
 Isophorone
 Concen: 39.41 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.1	7.7
138	15.0	12.4	18.6

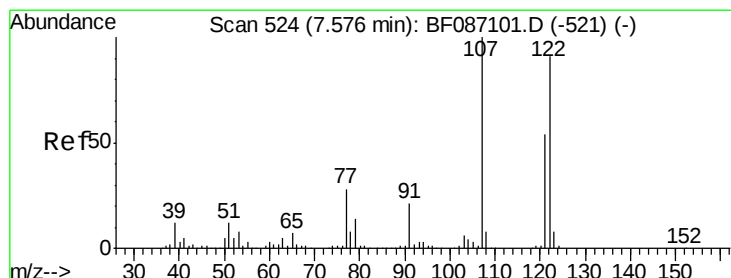
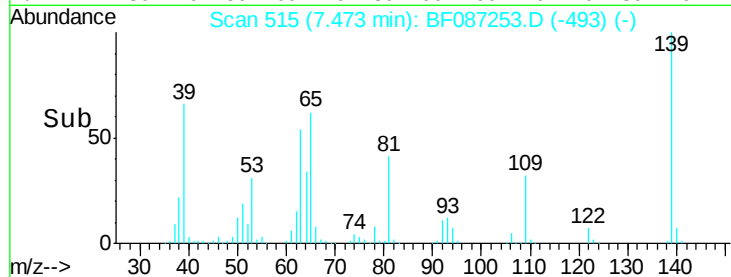
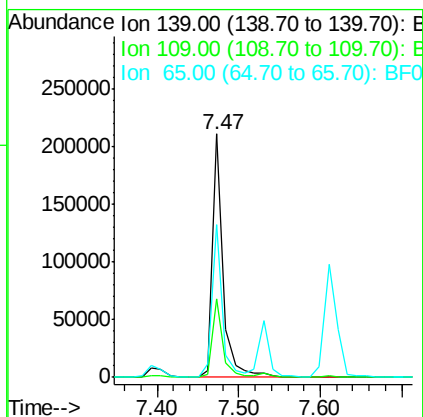
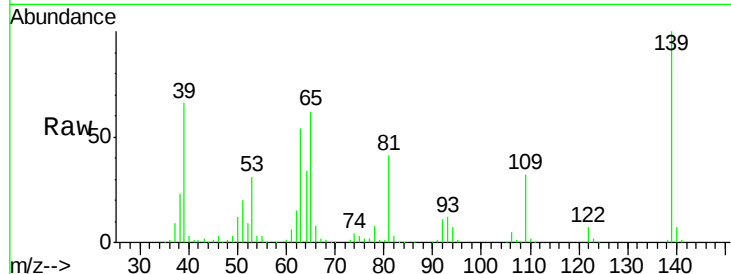




#26
 2-Nitrophenol
 Concen: 41.09 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

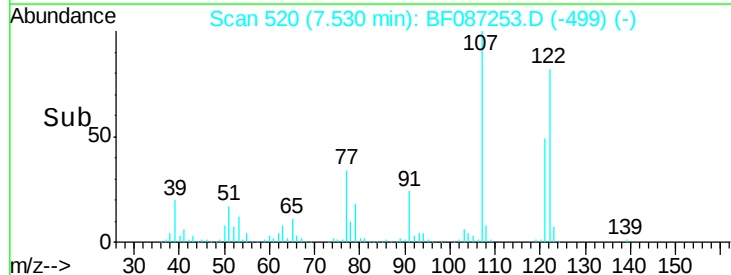
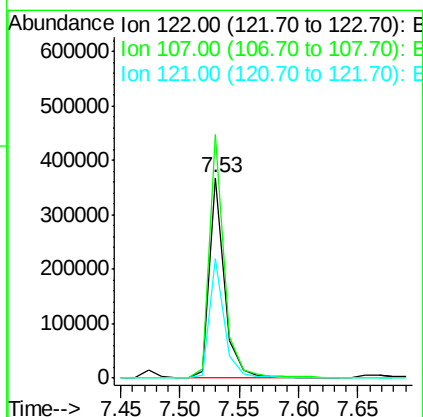
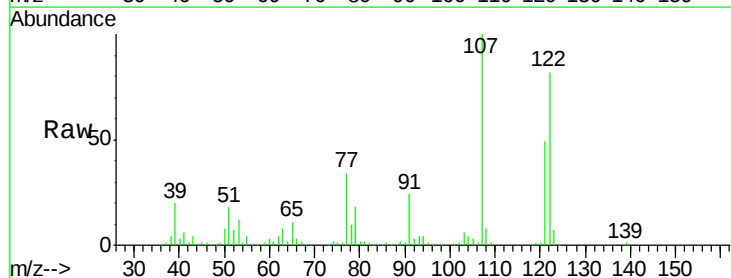
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

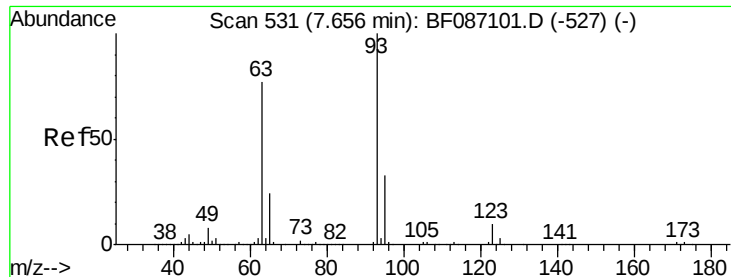
Tgt Ion:139 Resp: 196524
 Ion Ratio Lower Upper
 139 100
 109 32.3 19.5 29.3#
 65 62.5 37.5 56.3#



#27
 2,4-Dimethylphenol
 Concen: 40.18 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:122 Resp: 327893
 Ion Ratio Lower Upper
 122 100
 107 121.5 82.0 123.0
 121 59.9 46.1 69.1





#28

bis(2-Chloroethoxy)methane

Concen: 40.76 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

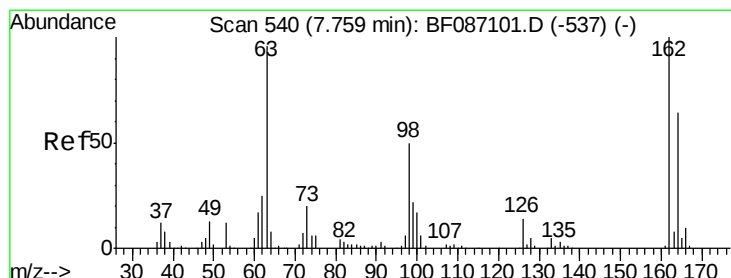
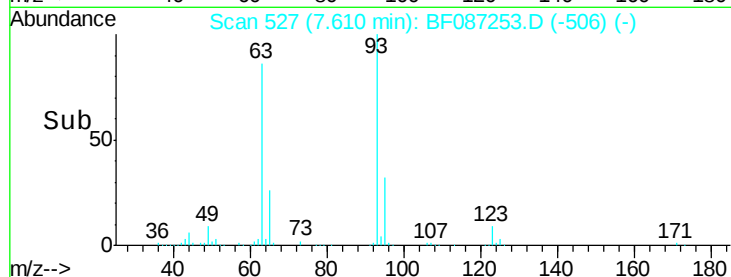
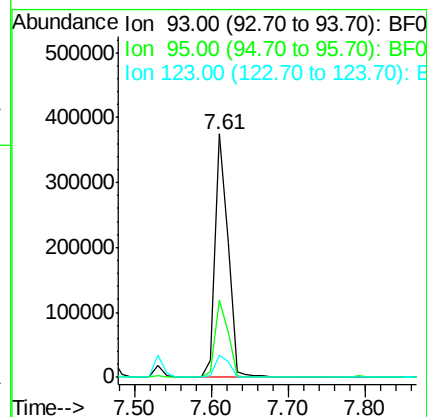
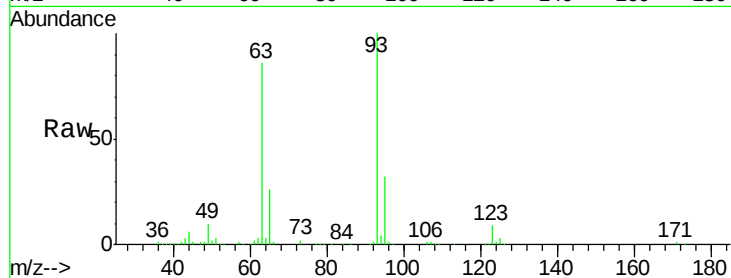
Tgt Ion: 93 Resp: 433076

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 9.3 9.5 14.3#



#29

2,4-Dichlorophenol

Concen: 44.49 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

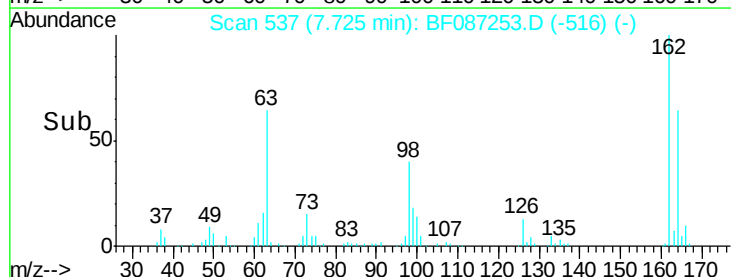
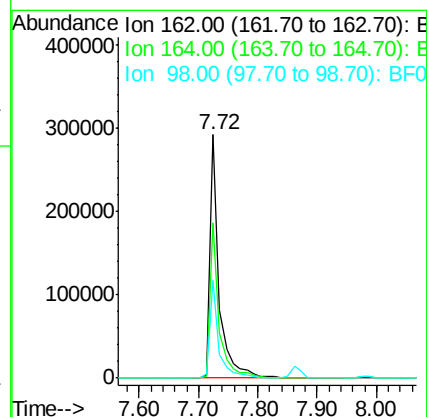
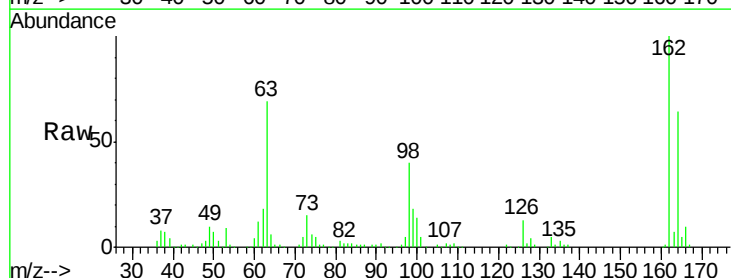
Tgt Ion: 162 Resp: 319942

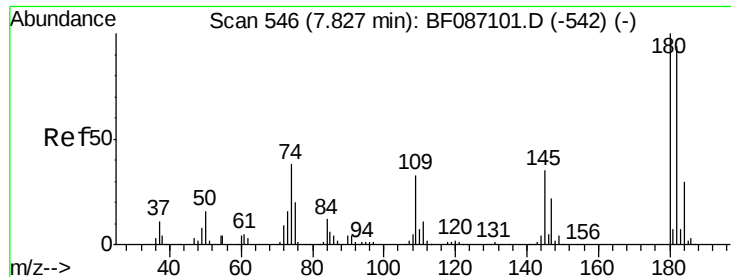
Ion Ratio Lower Upper

162 100

164 64.0 42.2 82.2

98 40.0 19.0 59.0

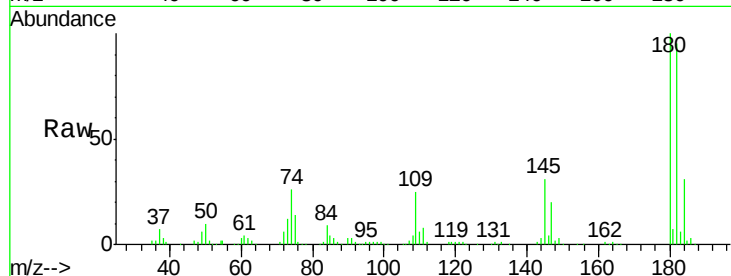




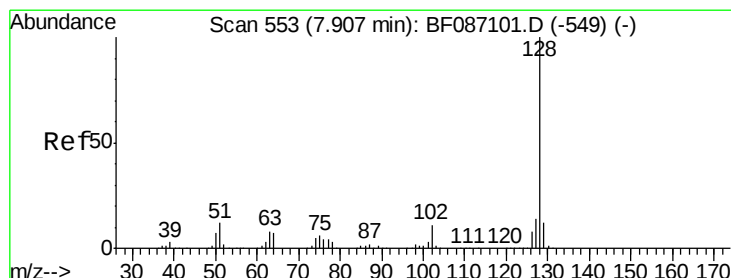
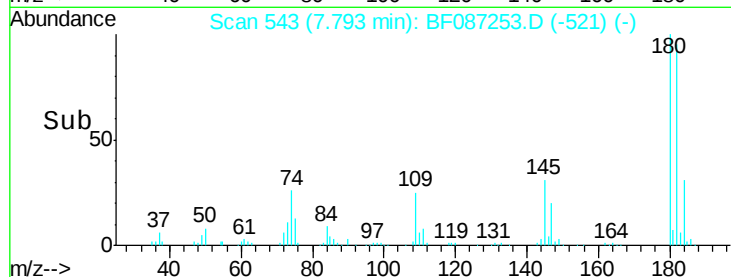
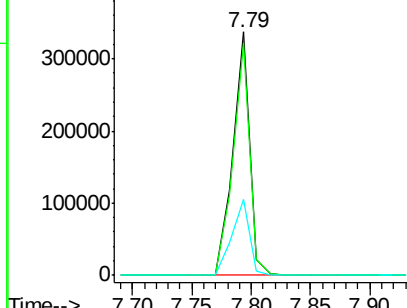
#30
 1,2,4-Trichlorobenzene
 Concen: 41.45 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

Tgt Ion:180 Resp: 330802
 Ion Ratio Lower Upper
 180 100
 182 95.2 78.0 117.0
 145 31.0 24.2 36.2

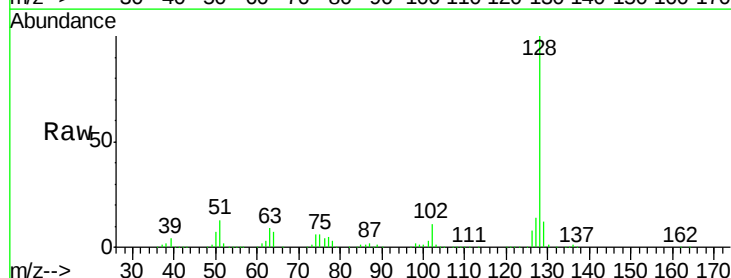


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

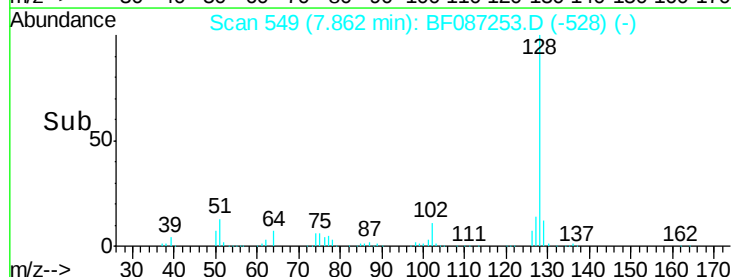
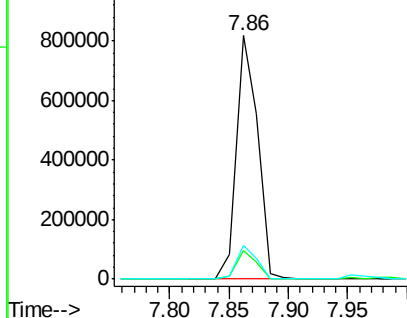


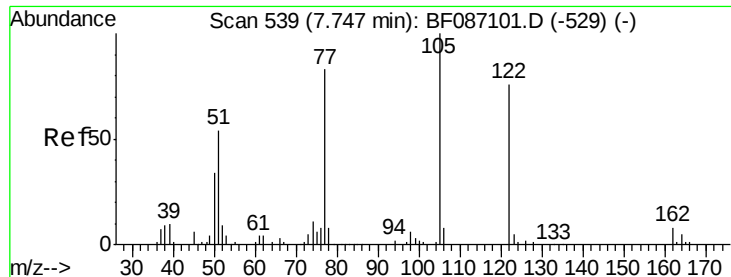
#31
 Naphthalene
 Concen: 39.68 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:128 Resp: 1021642
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 13.0
 127 13.6 10.8 16.2



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





#32

Benzoic acid

Concen: 2.95 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.09 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

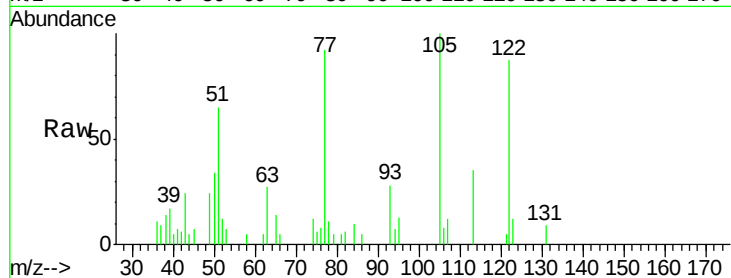
Tgt Ion:122 Resp: 14349

Ion Ratio Lower Upper

122 100

105 115.4 92.6 132.6

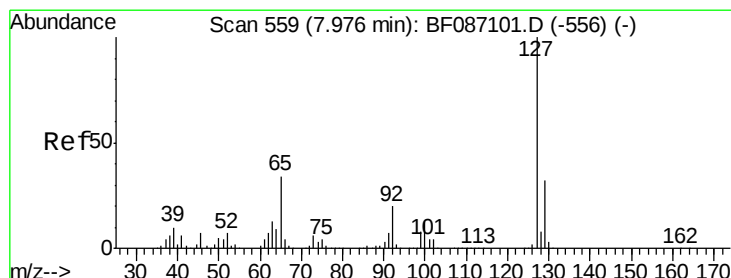
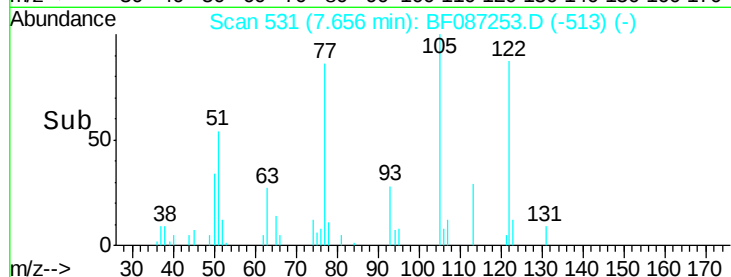
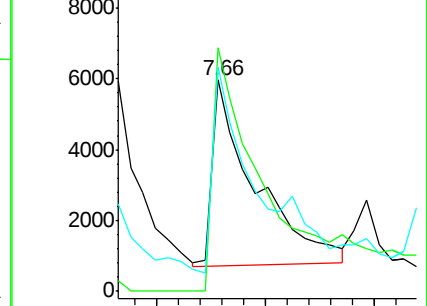
77 106.5 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.57 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Tgt Ion:127 Resp: 27468

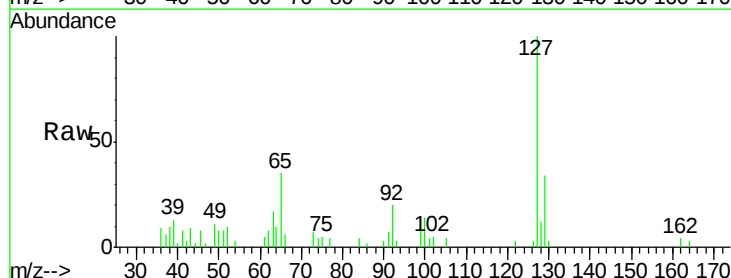
Ion Ratio Lower Upper

127 100

129 33.9 26.2 39.4

65 35.1 23.0 34.4#

92 20.3 15.1 22.7

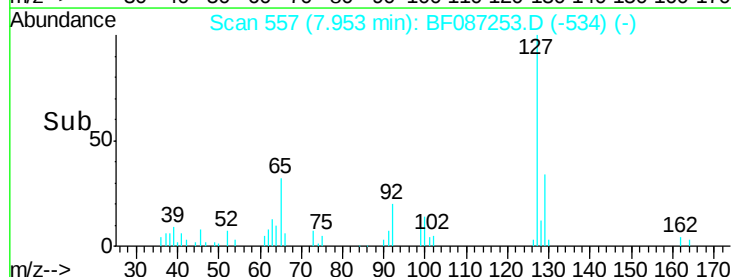
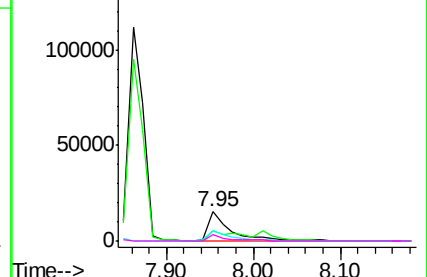


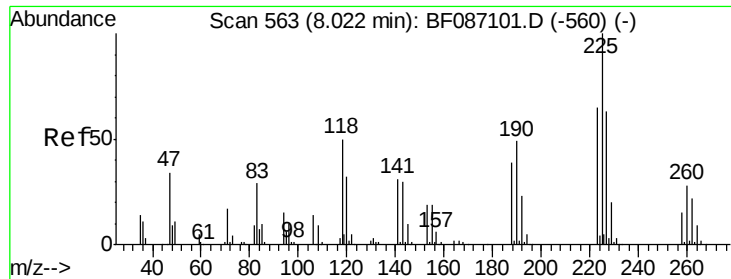
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

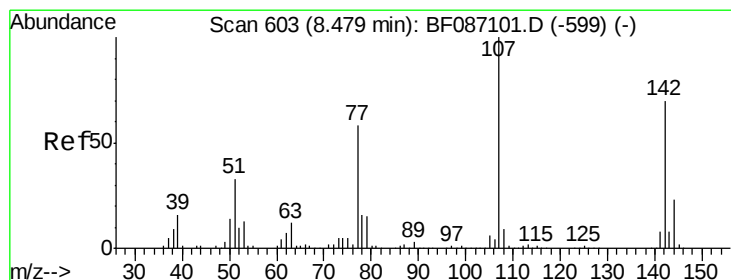
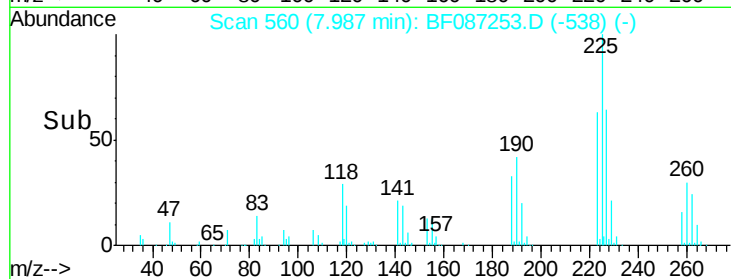
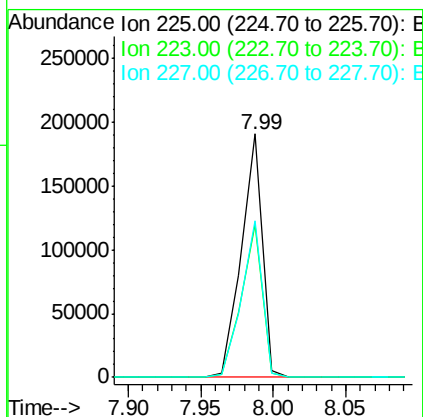
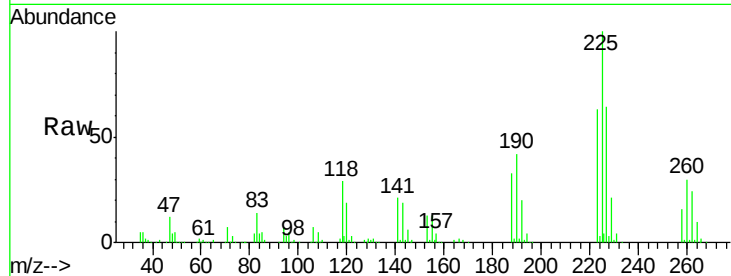




#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

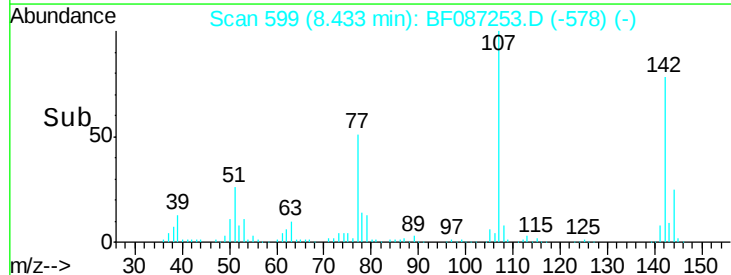
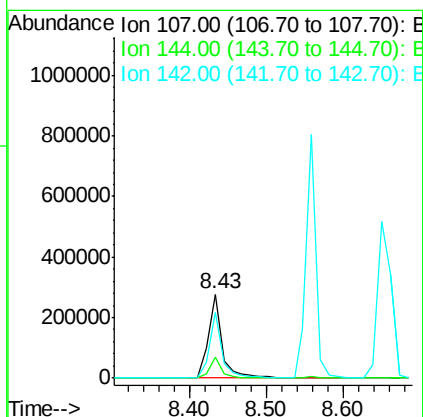
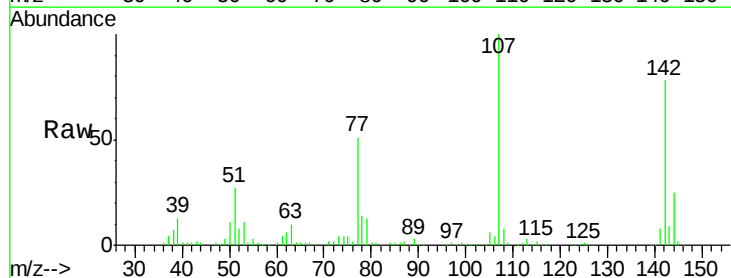
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

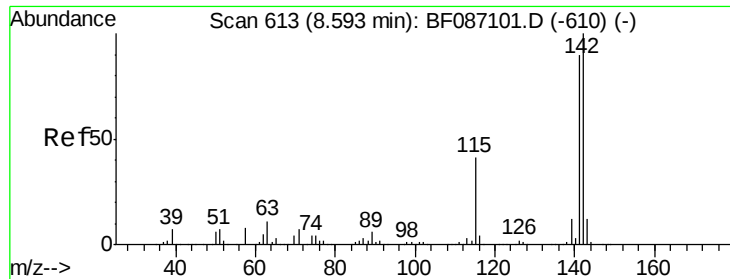
Tgt Ion: 225 Resp: 191728
Ion Ratio Lower Upper
225 100
223 62.9 51.5 77.3
227 64.4 52.2 78.2



#36
4-Chloro-3-methylphenol
Concen: 39.39 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 107 Resp: 341708
Ion Ratio Lower Upper
107 100
144 25.4 20.7 31.1
142 78.3 63.2 94.8

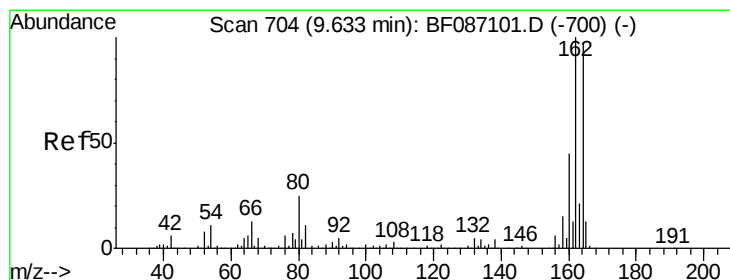
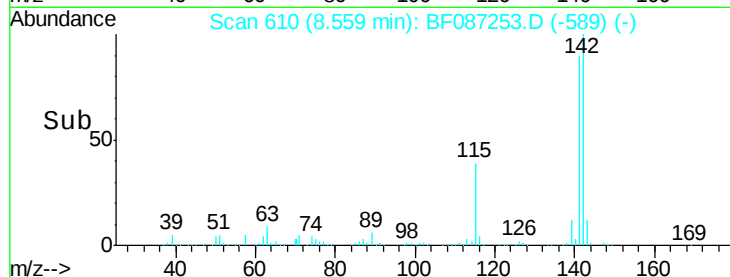
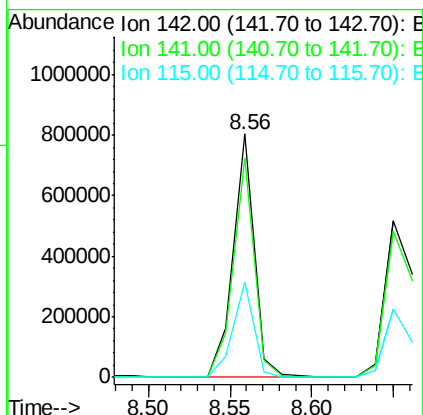
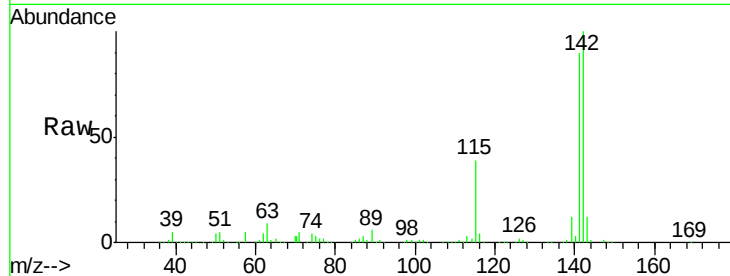




#37
 2-Methylnaphthalene
 Concen: 43.28 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

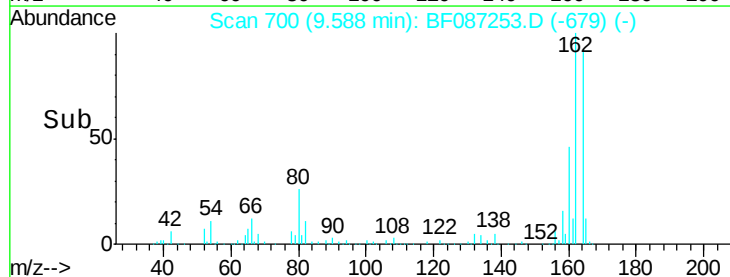
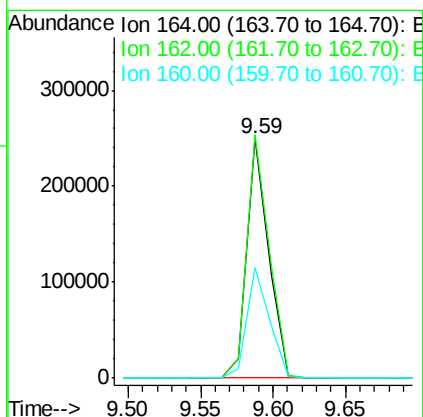
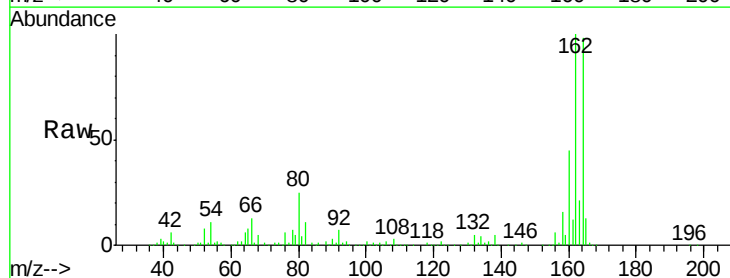
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

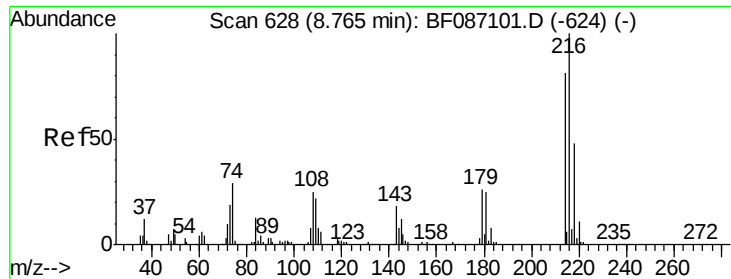
Tgt Ion:142 Resp: 712817
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 39.0 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:164 Resp: 259970
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 46.1 36.9 55.3

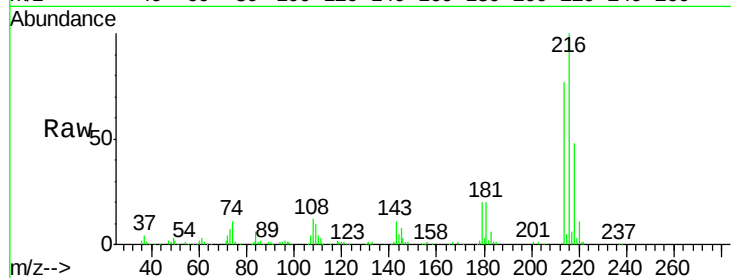




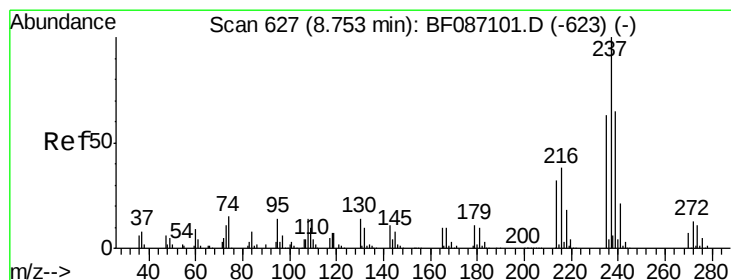
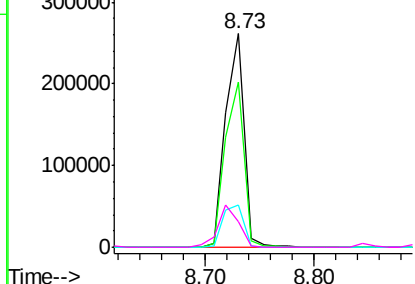
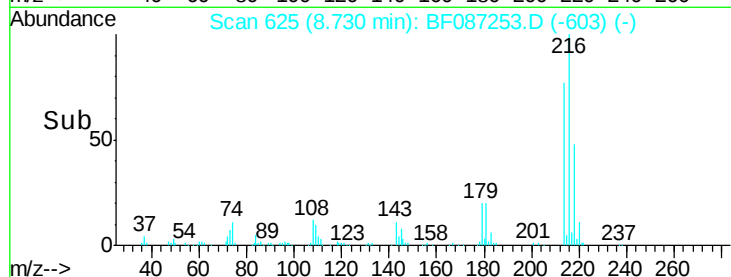
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.41 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

Tgt Ion:	216	Resp:	306874
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	23.0	18.2	27.4
108	23.1	17.5	26.3

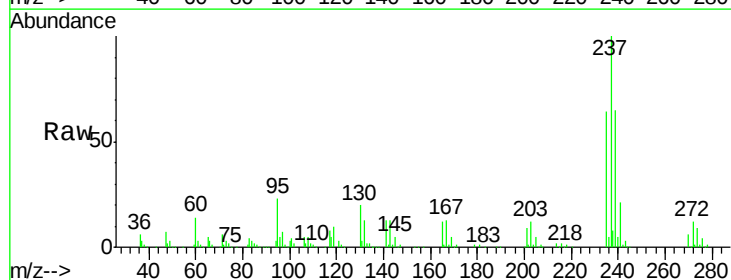


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

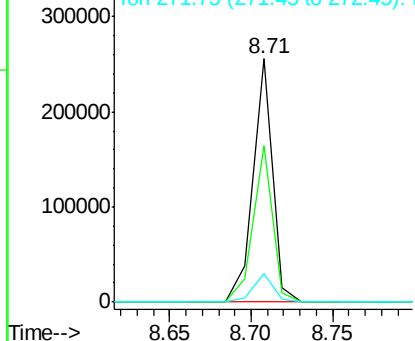
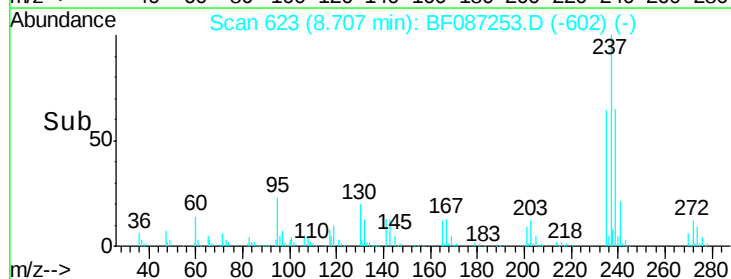


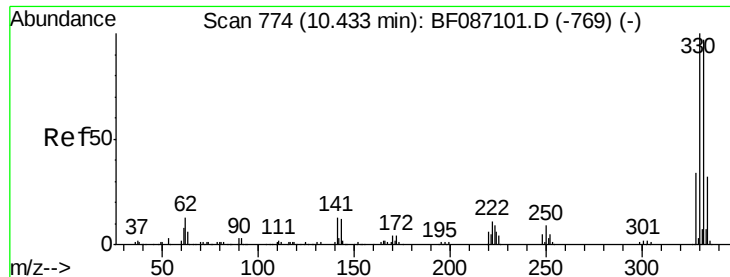
#40
 Hexachlorocyclopentadiene
 Concen: 73.35 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:	237	Resp:	212936
Ion	Ratio	Lower	Upper
237	100		
235	64.2	47.2	87.2
272	11.6	0.0	31.1



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

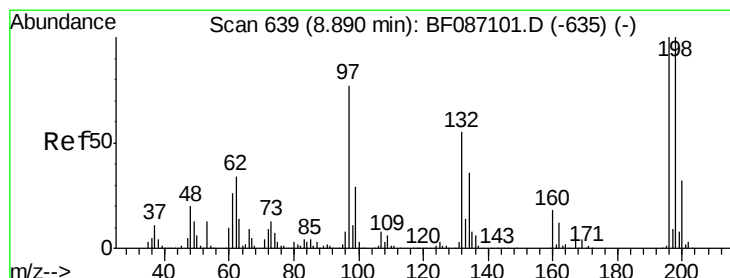
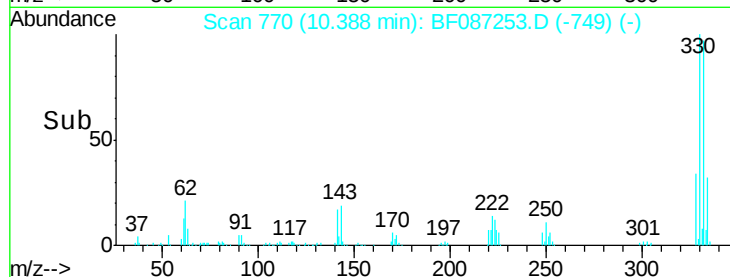
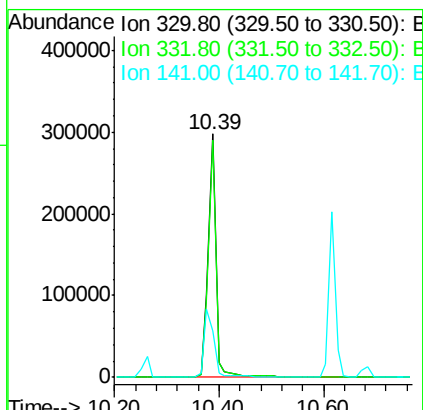
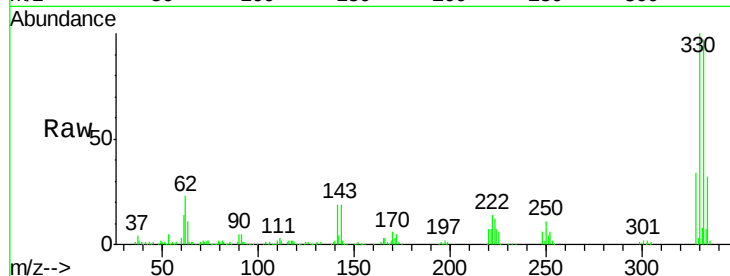




#41
 2,4,6-Tribromophenol
 Concen: 108.43 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

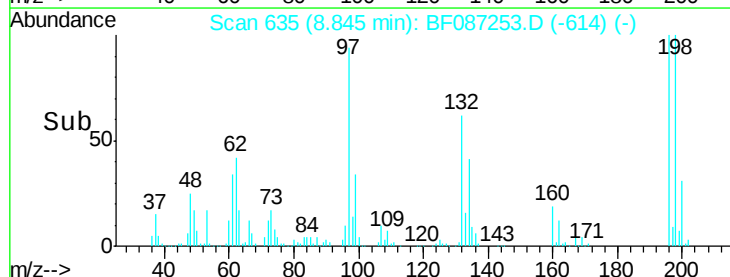
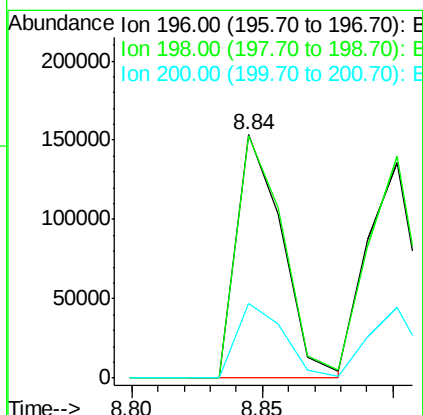
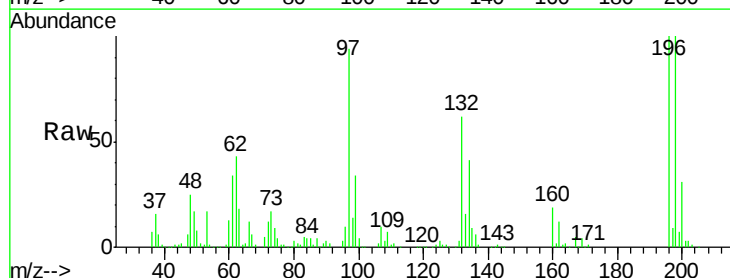
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

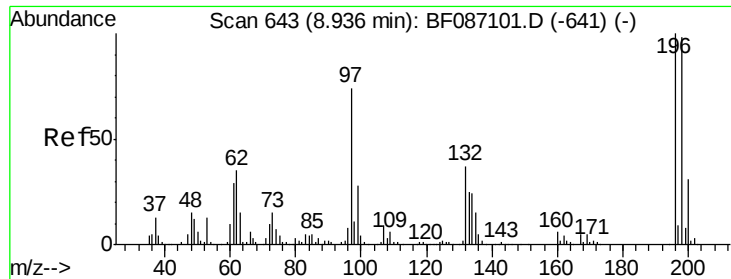
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	34.5	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.26 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.7	112.1
200	30.9	23.8	35.6

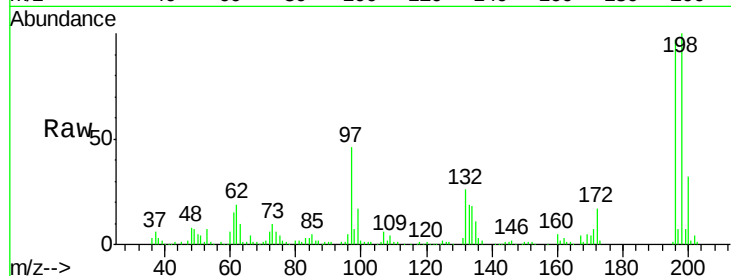




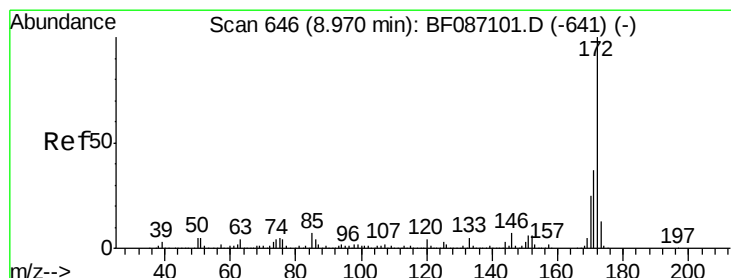
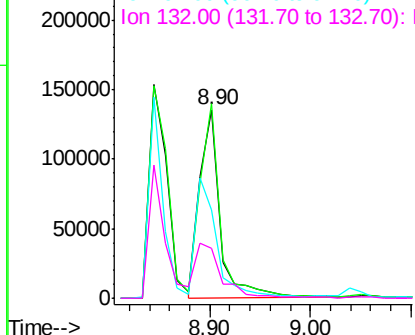
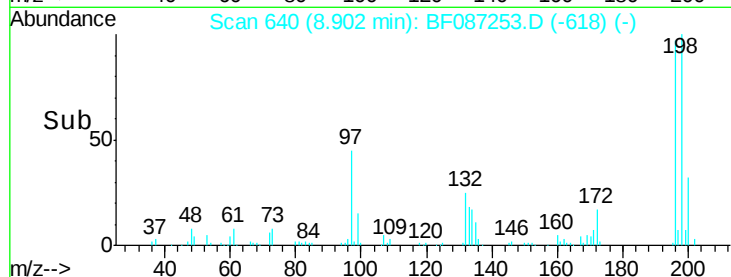
#43
 2,4,5-Trichlorophenol
 Concen: 37.54 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

Tgt Ion	Resp	Lower	Upper
196	192054		
198	103.4	77.5	116.3
97	47.2	34.8	52.2
132	26.5	23.0	34.4

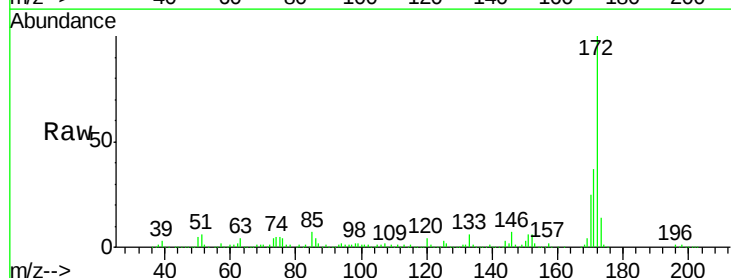


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

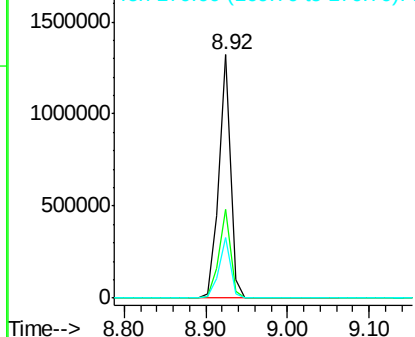
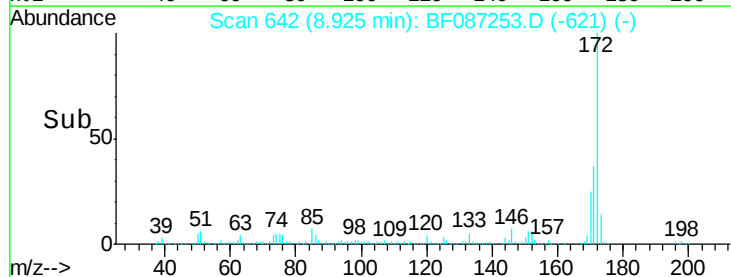


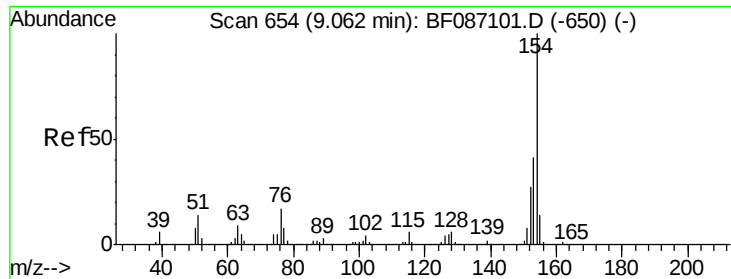
#44
 2-Fluorobiphenyl
 Concen: 83.16 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion	Resp	Lower	Upper
172	1305380		
171	36.6	29.0	43.6
170	24.7	19.8	29.8



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

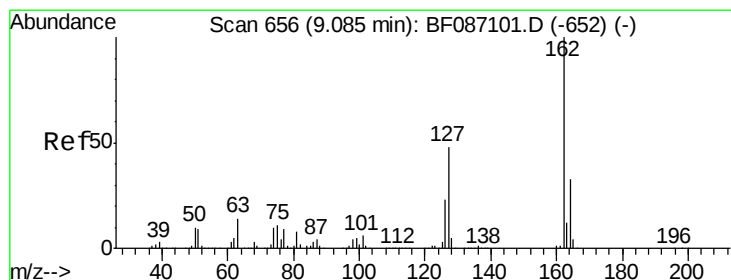
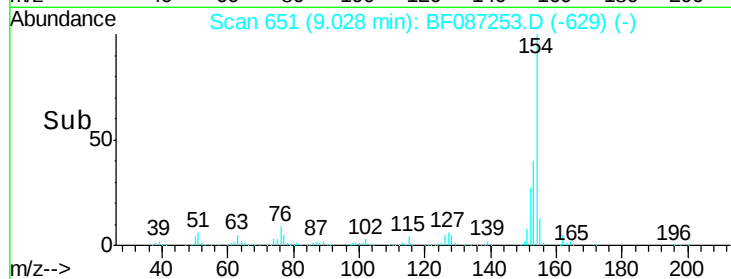
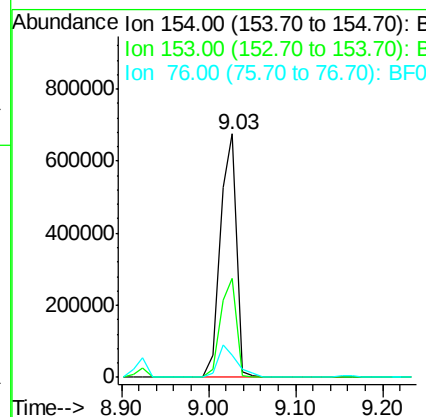
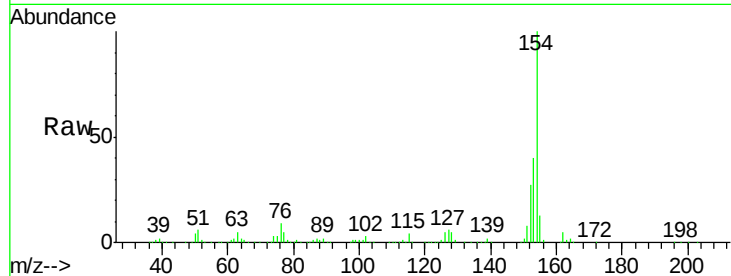




#45
 1,1'-Biphenyl
 Concen: 41.04 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

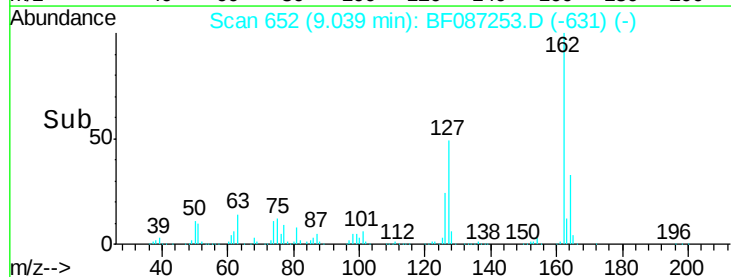
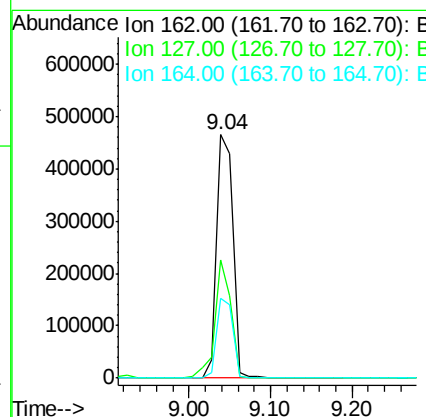
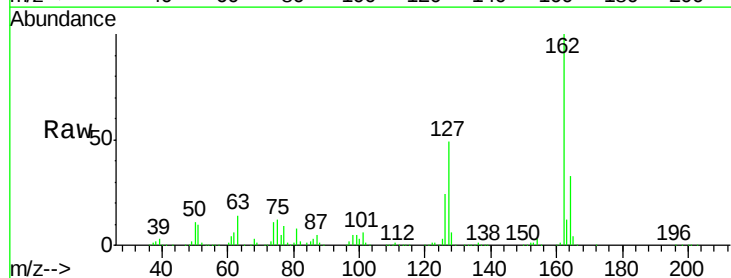
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

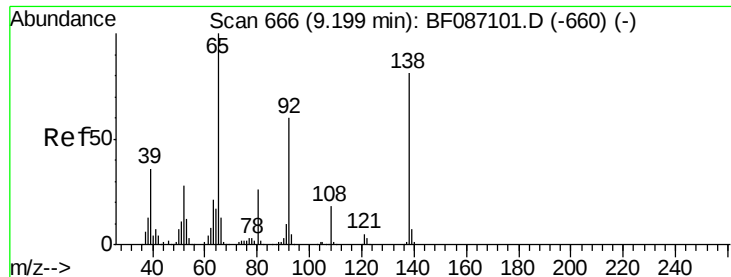
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	9.1	0.0	30.2



#46
 2-Chloronaphthalene
 Concen: 39.42 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.7	31.8	47.6#
164	32.9	27.0	40.6

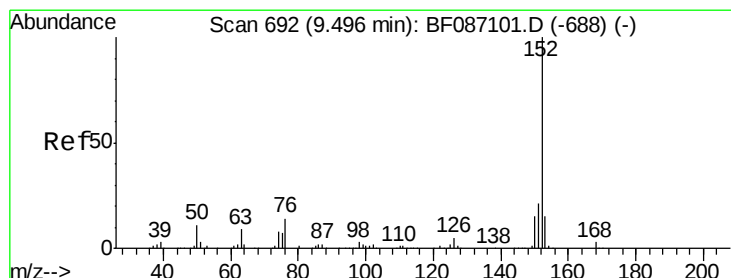
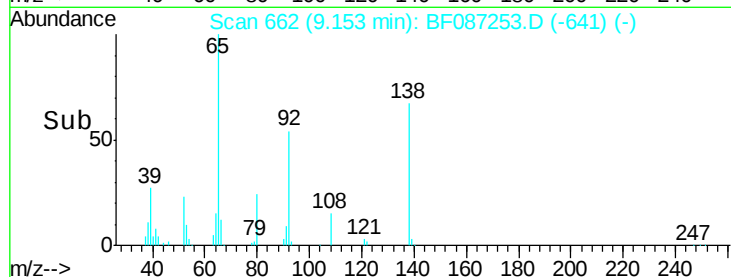
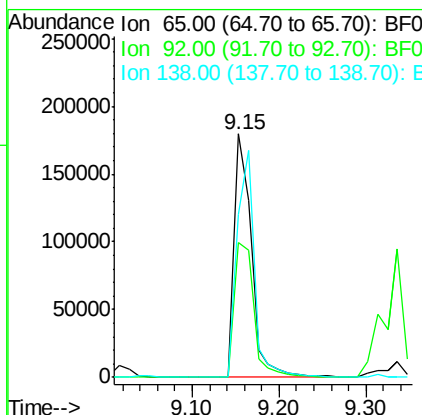
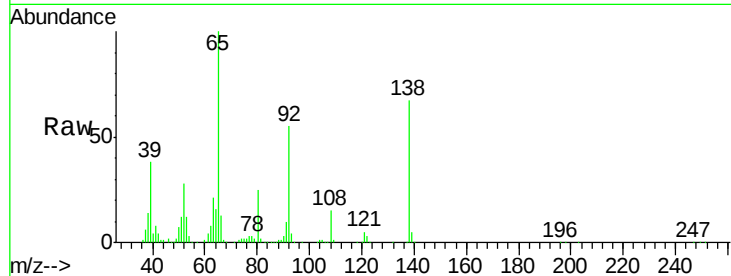




#47
2-Nitroaniline
Concen: 38.57 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

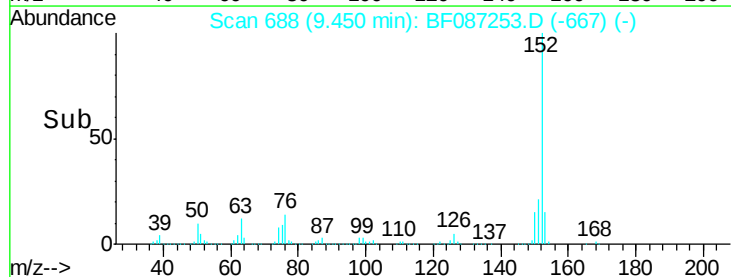
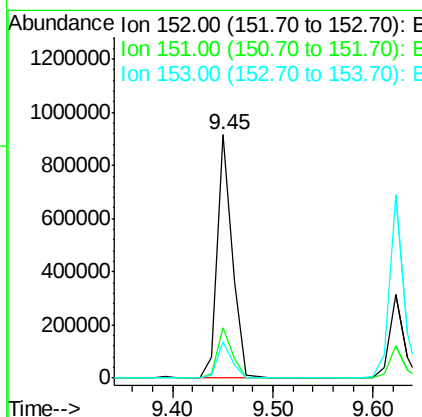
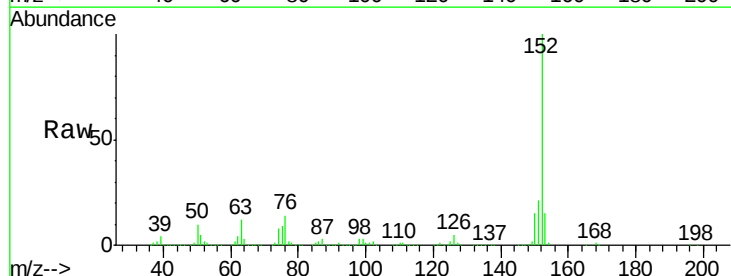
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

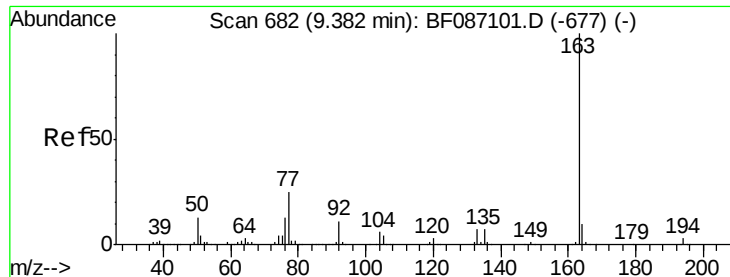
Tgt Ion: 65 Resp: 244575
Ion Ratio Lower Upper
65 100
92 55.2 57.4 86.2#
138 66.7 90.1 135.1#



#48
Acenaphthylene
Concen: 37.49 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 152 Resp: 947394
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.8 10.9 16.3





#49

Dimethylphthalate

Concen: 44.46 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

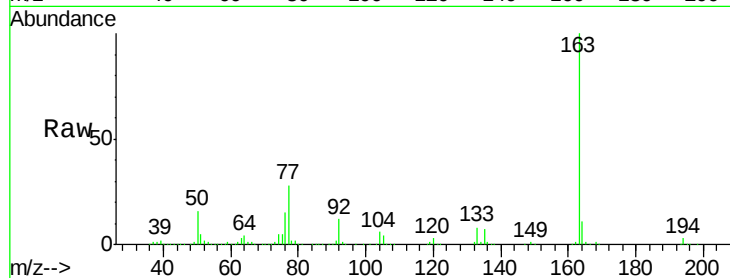
Tgt Ion:163 Resp: 881743

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

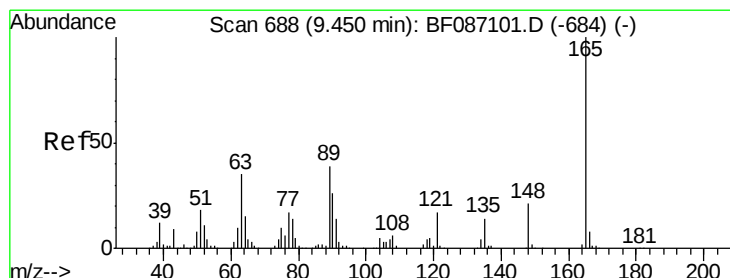
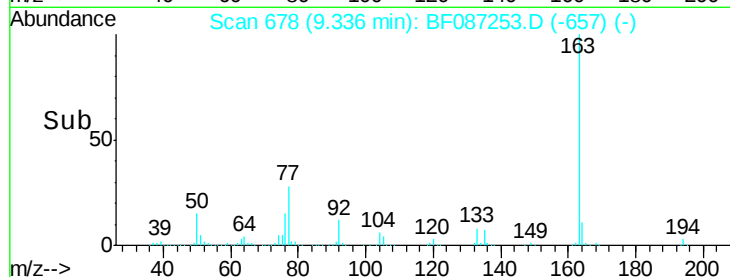
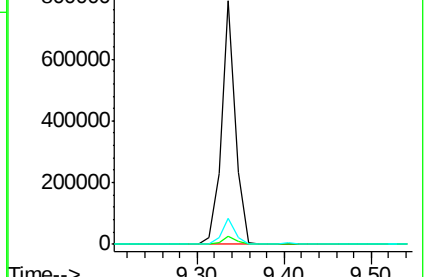
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.76 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

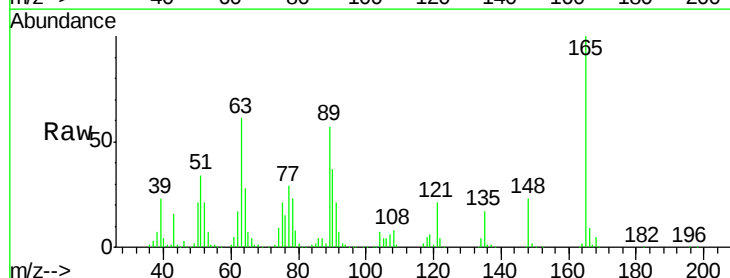
Tgt Ion:165 Resp: 192731

Ion Ratio Lower Upper

165 100

63 60.8 51.8 77.8

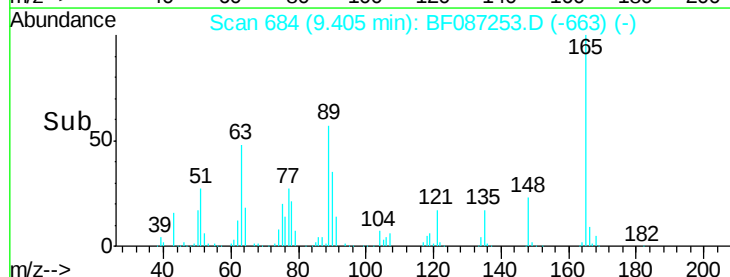
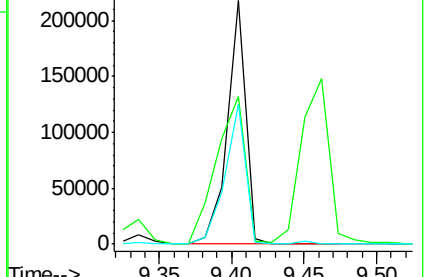
89 57.4 50.7 76.1

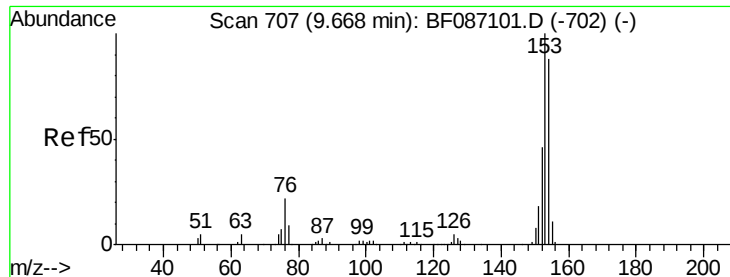


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.89 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

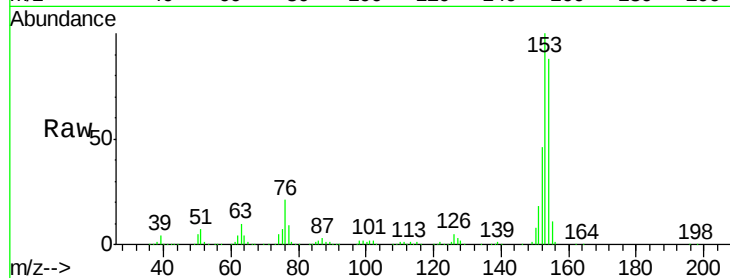
Tgt Ion:154 Resp: 582439

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

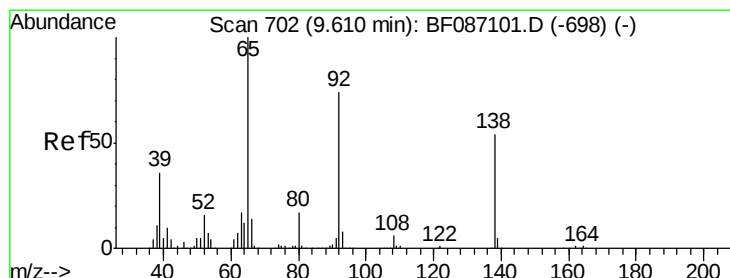
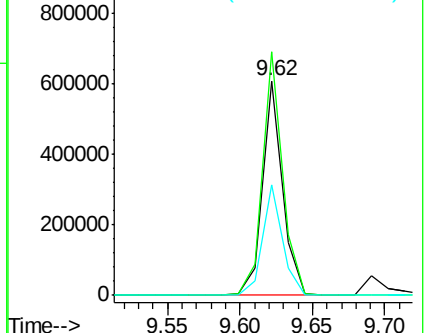
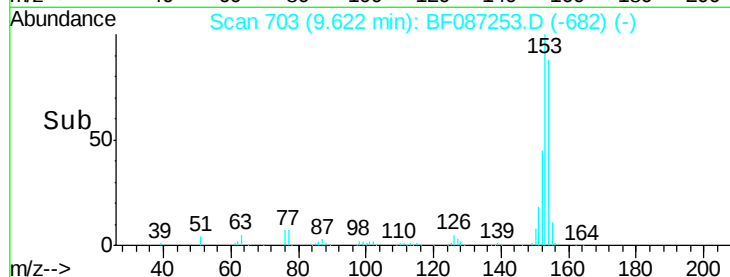
152 51.8 43.4 65.0



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: 7.98 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

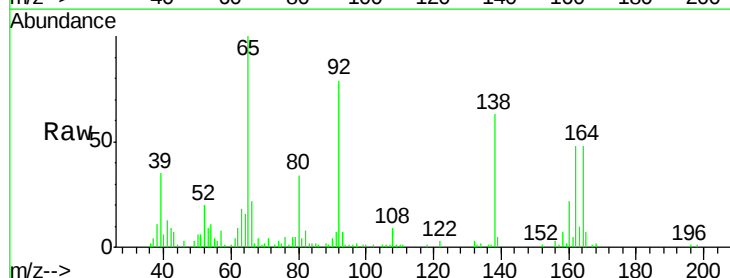
Tgt Ion:138 Resp: 37206

Ion Ratio Lower Upper

138 100

108 13.5 7.8 11.6#

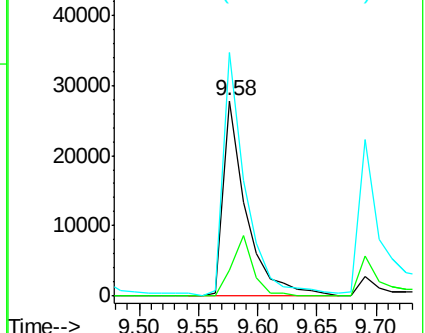
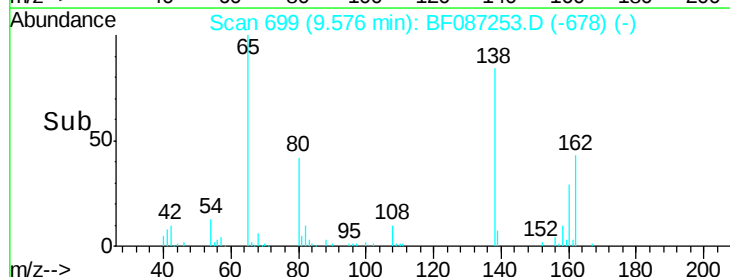
92 124.8 87.8 131.8

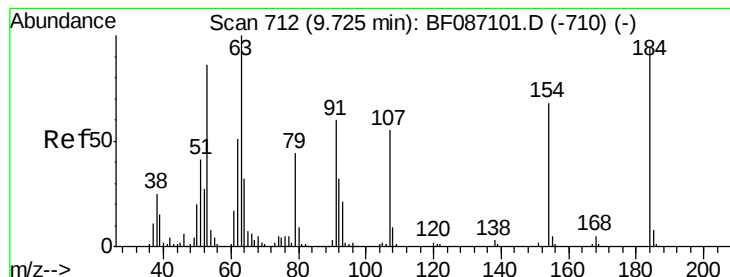


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 45.96 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

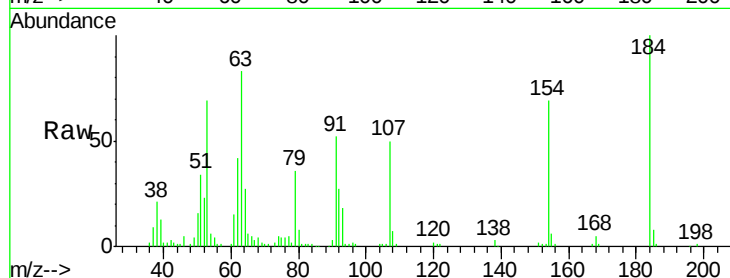
Tgt Ion:184 Resp: 108116

Ion Ratio Lower Upper

184 100

63 83.2 55.8 83.8

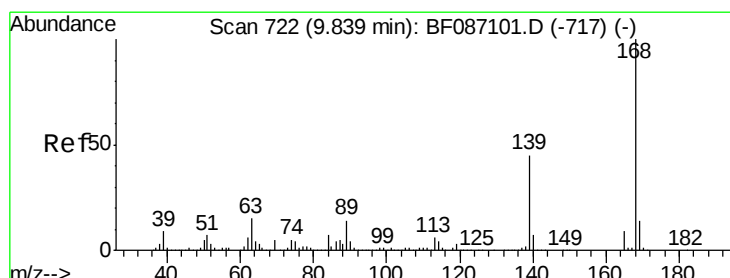
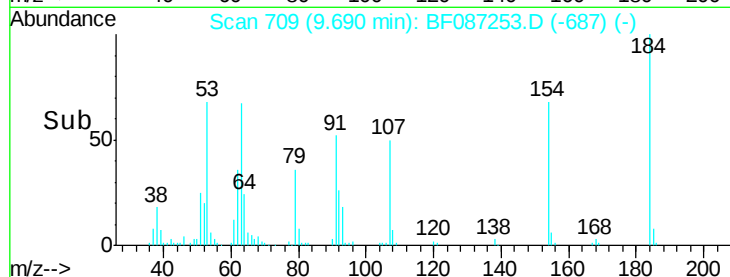
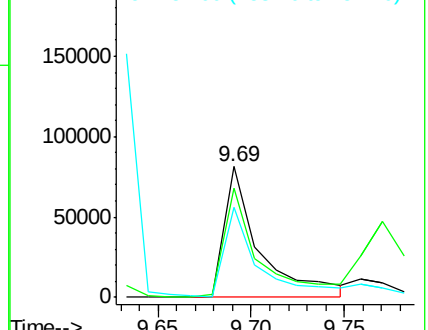
154 68.7 62.4 93.6



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: 41.46 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

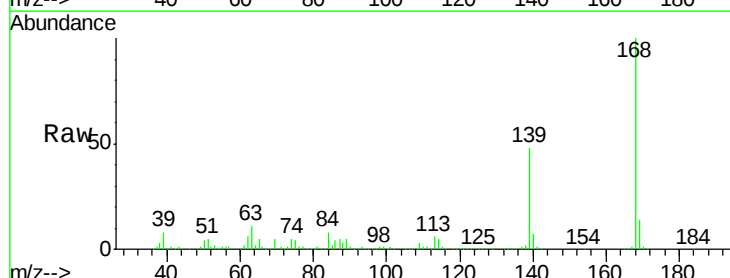
Tgt Ion:168 Resp: 846354

Ion Ratio Lower Upper

168 100

139 48.2 31.4 47.0#

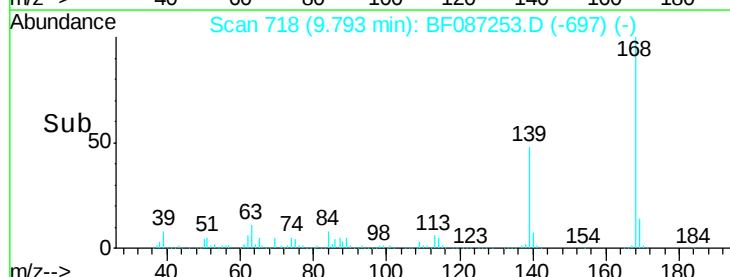
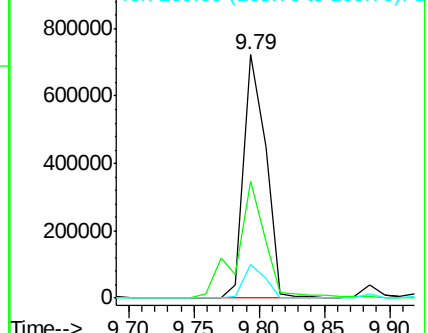
169 13.9 10.7 16.1

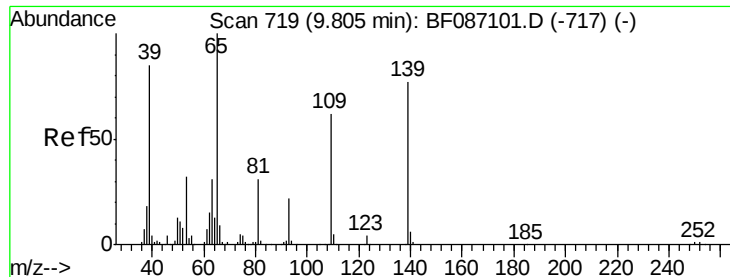


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

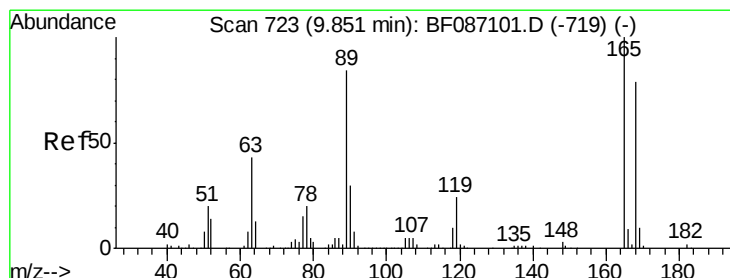
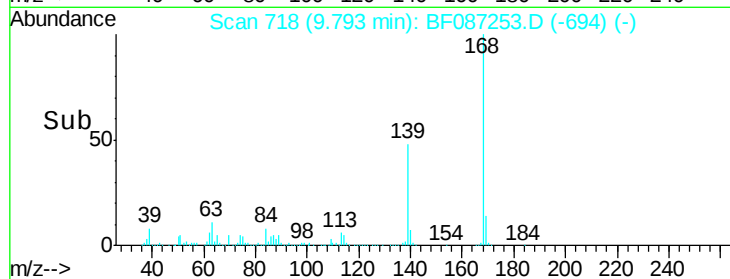
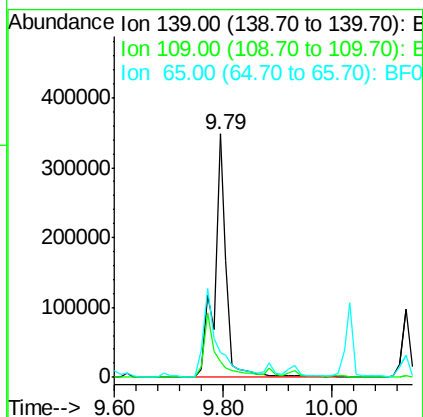
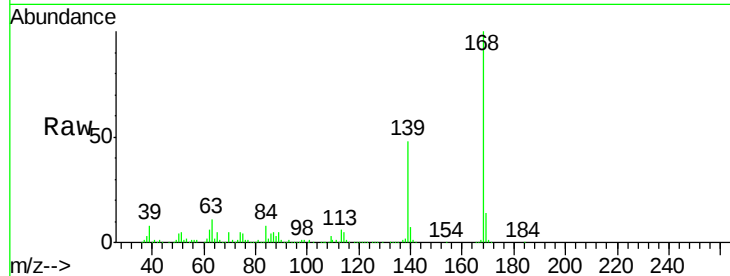




#55
 4-Nitrophenol
 Concen: 118.19 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

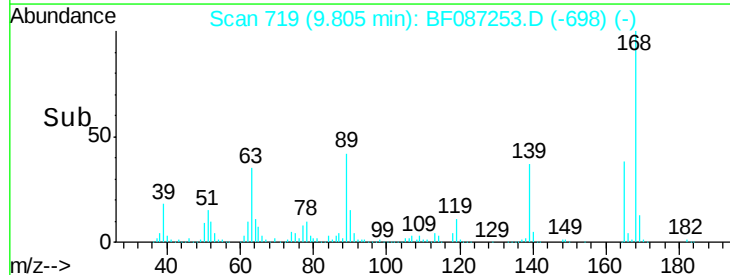
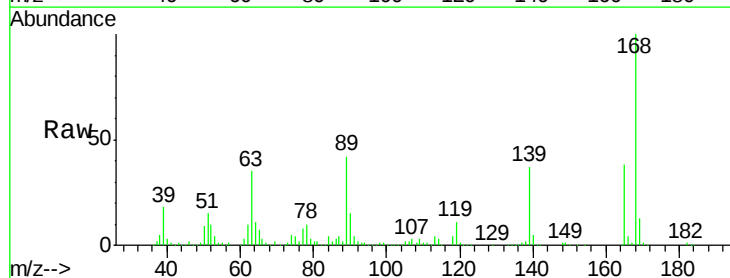
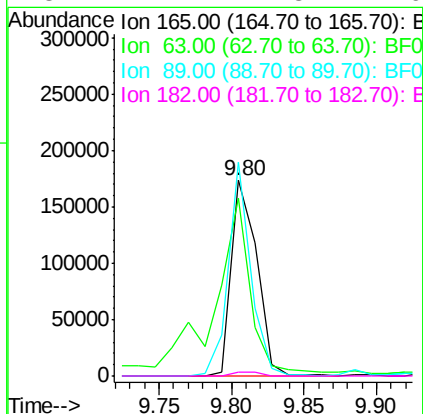
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

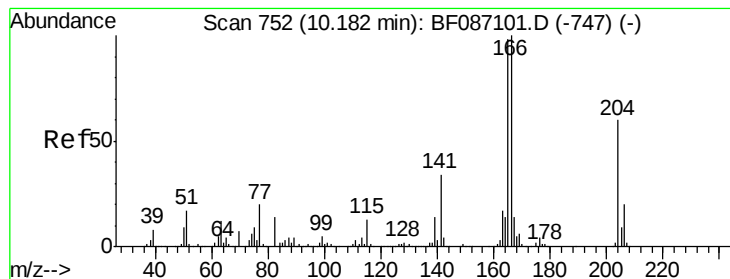
Tgt Ion:139 Resp: 544578
 Ion Ratio Lower Upper
 139 100
 109 6.5 36.9 76.9#
 65 9.9 64.0 104.0#



#56
 2,4-Dinitrotoluene
 Concen: 38.34 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:165 Resp: 211441
 Ion Ratio Lower Upper
 165 100
 63 91.2 44.3 66.5#
 89 109.4 70.0 105.0#
 182 2.2 1.8 2.6





#57

Fluorene

Concen: 37.88 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

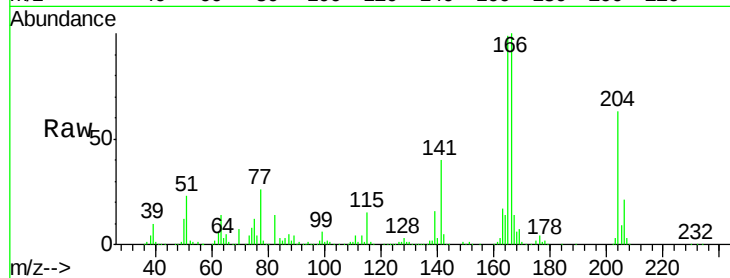
Tgt Ion:166 Resp: 621366

Ion Ratio Lower Upper

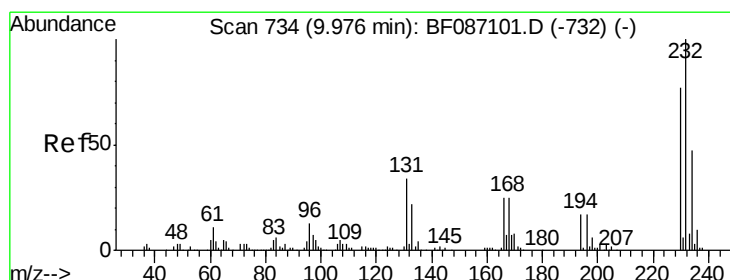
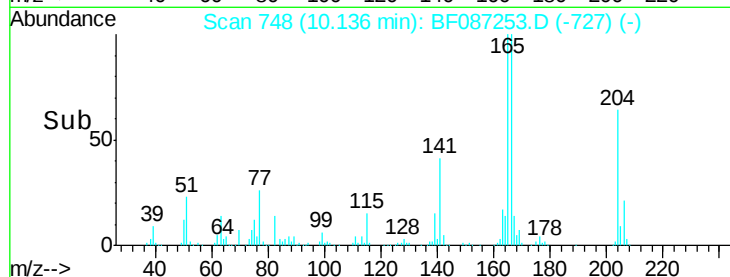
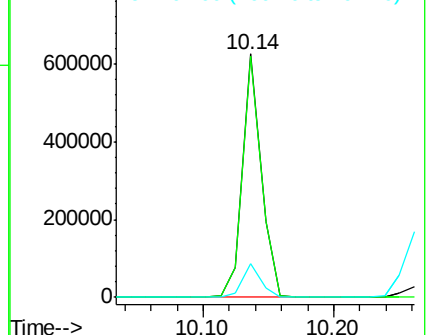
166 100

165 99.1 79.0 118.6

167 14.0 10.6 15.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.92 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Tgt Ion:232 Resp: 174996

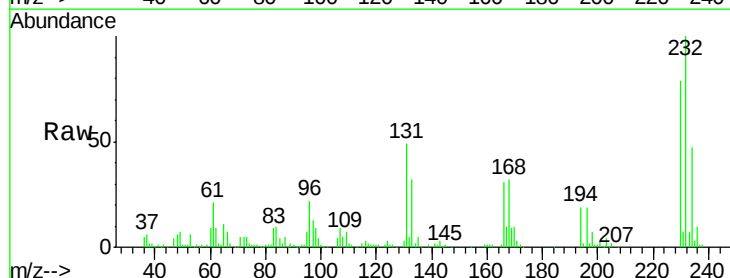
Ion Ratio Lower Upper

232 100

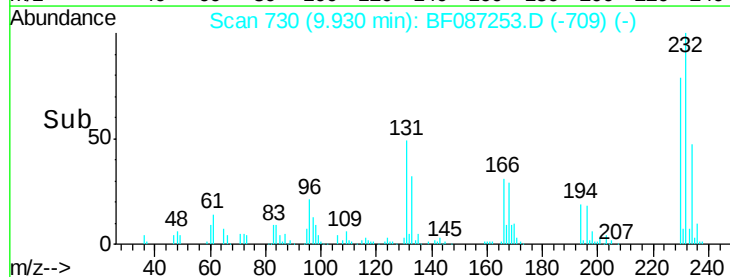
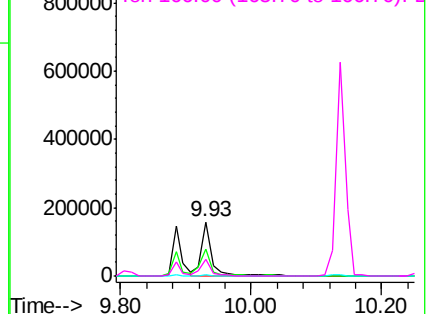
131 50.7 41.9 62.9

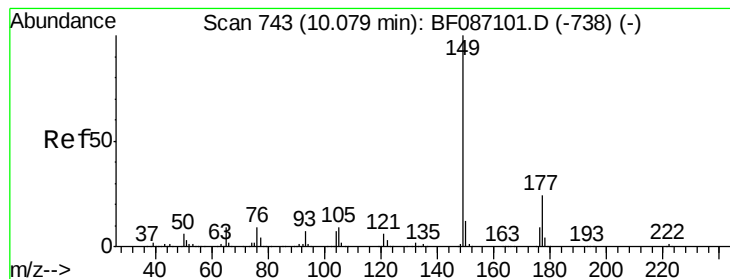
130 2.5 2.2 3.4

166 29.4 26.8 40.2



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





#59

Diethylphthalate

Concen: 42.64 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

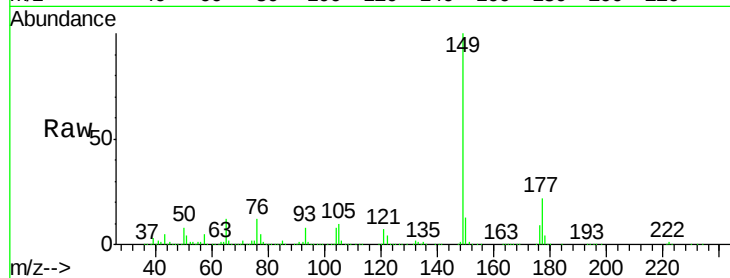
Tgt Ion:149 Resp: 807216

Ion Ratio Lower Upper

149 100

177 21.9 16.6 24.8

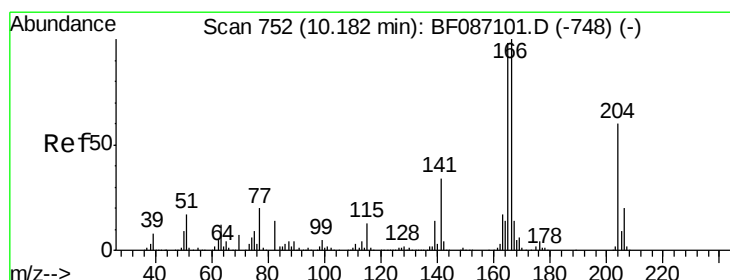
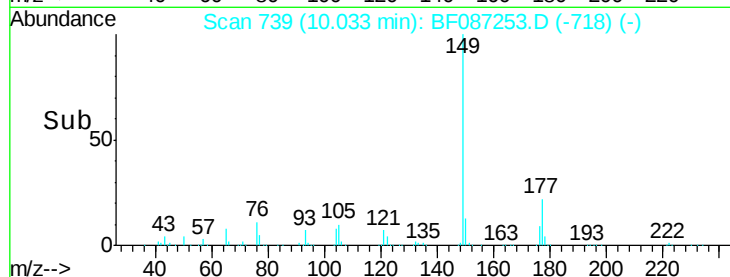
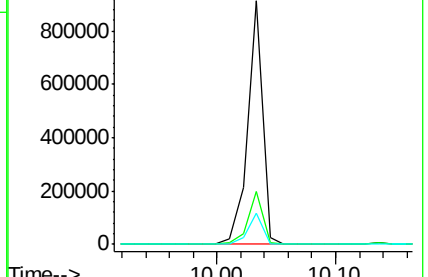
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.05 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

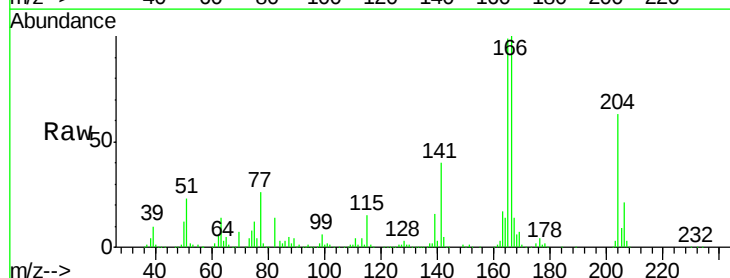
Tgt Ion:204 Resp: 342475

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

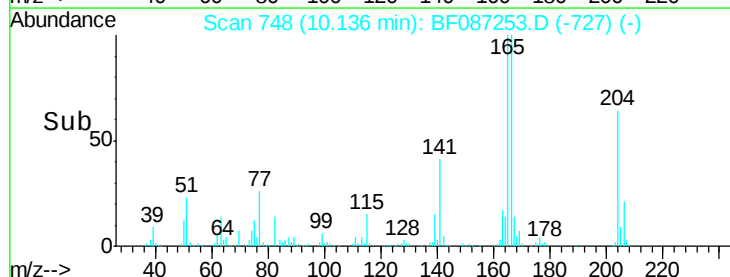
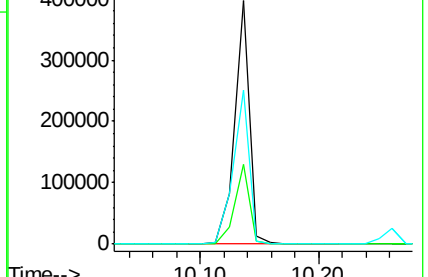
141 63.4 61.6 92.4

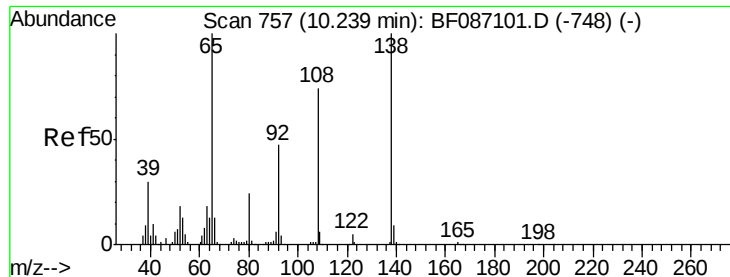


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

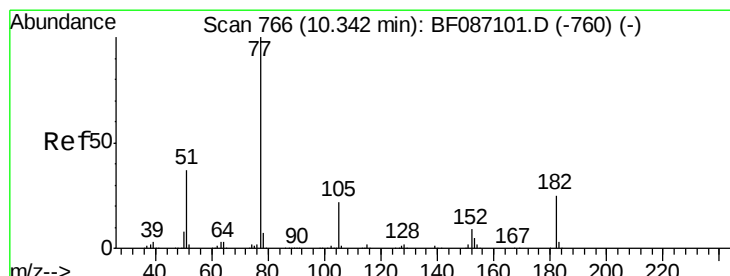
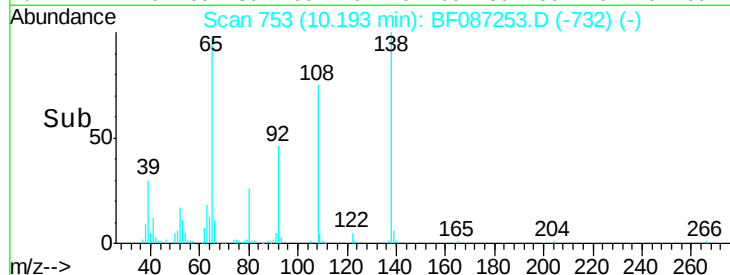
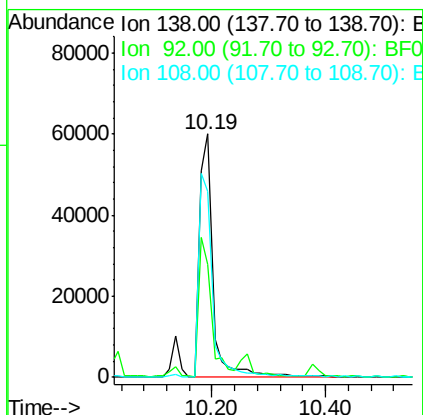
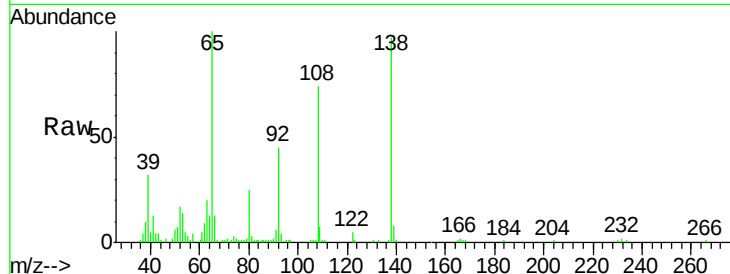




#61
4-Nitroaniline
Concen: 20.85 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

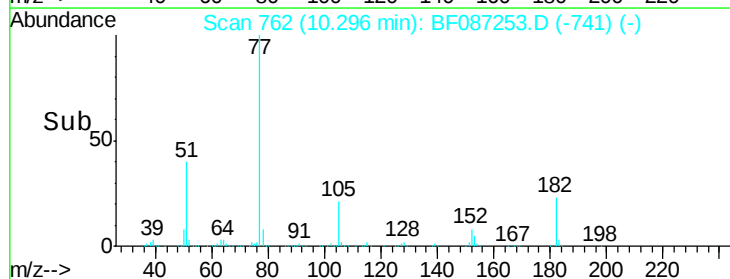
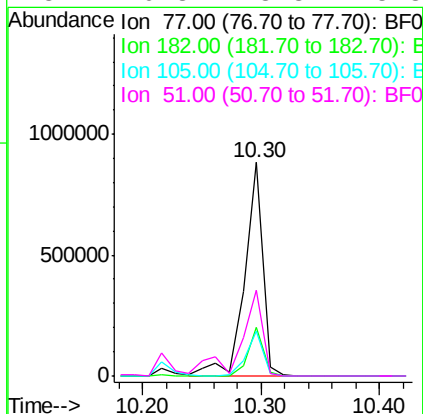
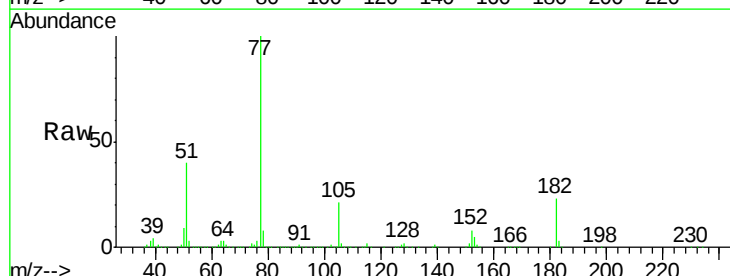
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

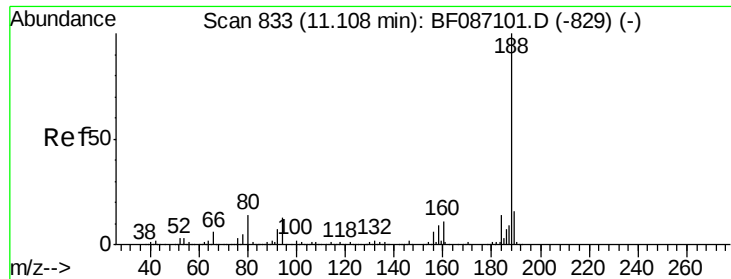
Tgt Ion:138 Resp: 95966
Ion Ratio Lower Upper
138 100
92 46.5 24.7 64.7
108 76.5 37.4 77.4



#62
Azobenzene
Concen: 42.86 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 77 Resp: 935037
Ion Ratio Lower Upper
77 100
182 22.6 0.0 38.8
105 21.3 3.2 43.2
51 40.3 8.8 48.8

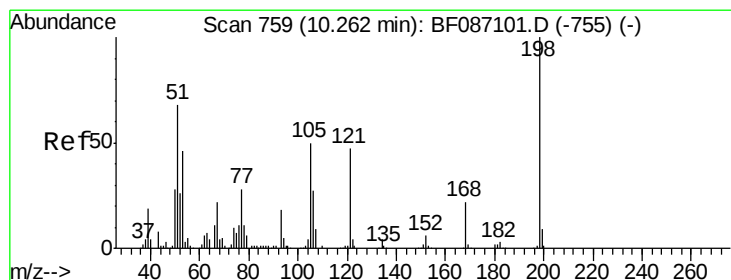
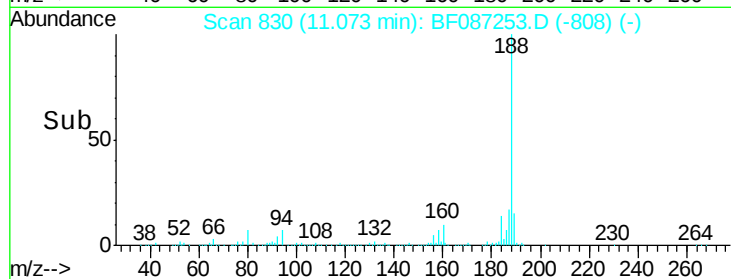
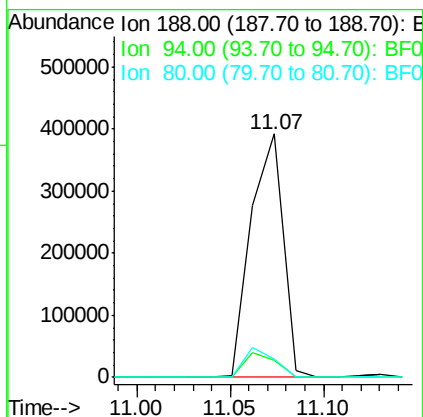
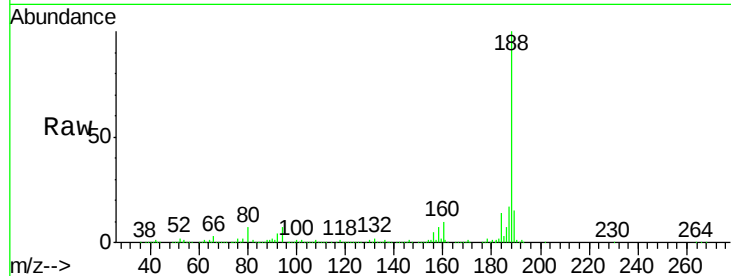




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

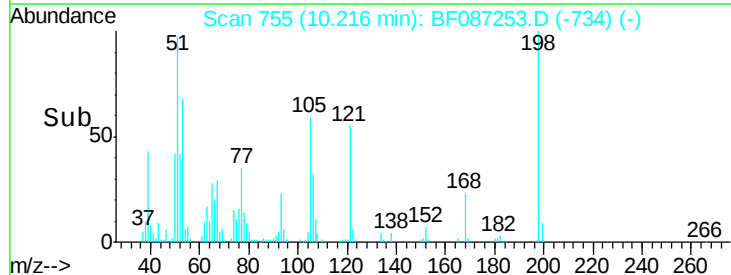
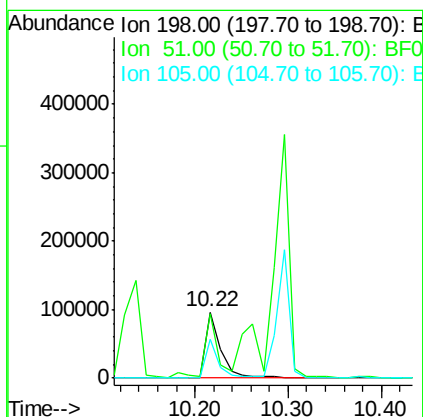
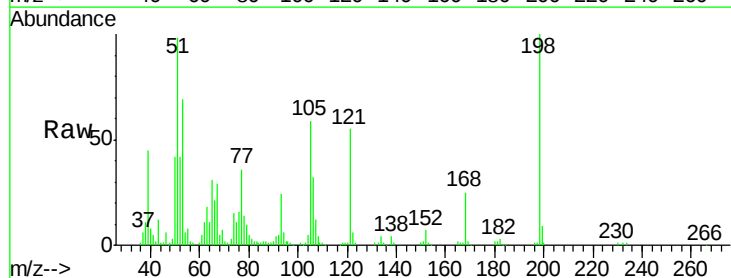
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

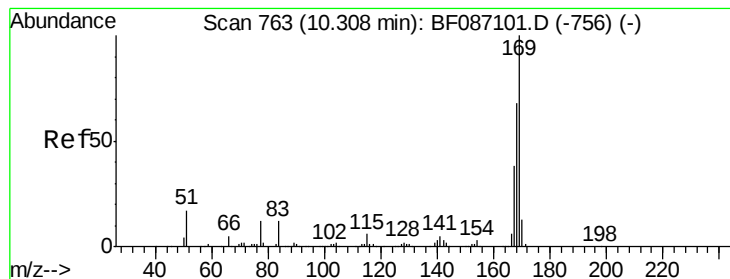
Tgt Ion:188 Resp: 470689
Ion Ratio Lower Upper
188 100
94 6.8 6.8 10.2
80 7.4 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 36.16 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:198 Resp: 112107
Ion Ratio Lower Upper
198 100
51 97.6 20.5 60.5#
105 59.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 29.96 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

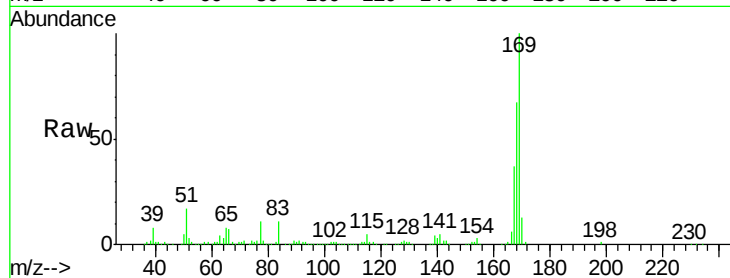
Tgt Ion:169 Resp: 443819

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

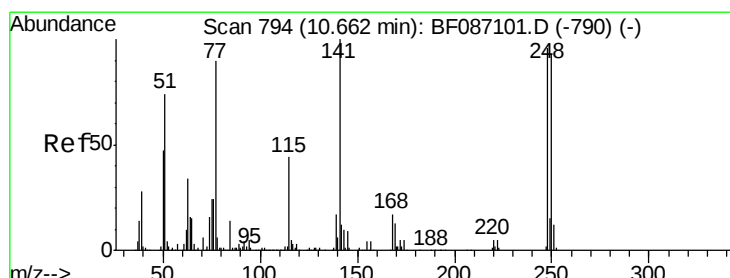
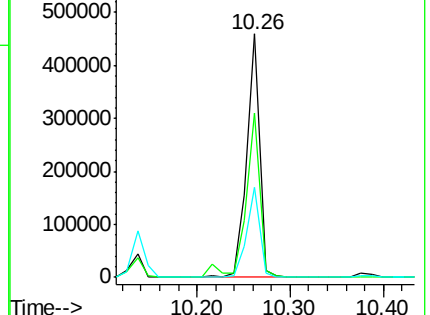
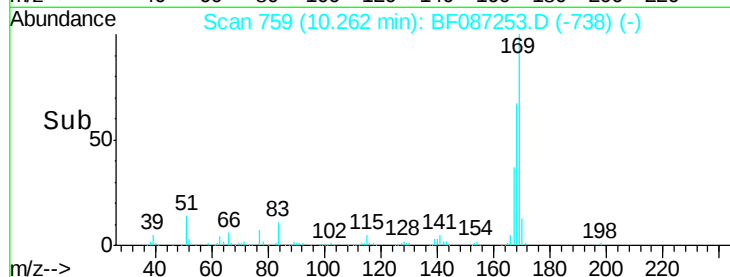
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.69 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

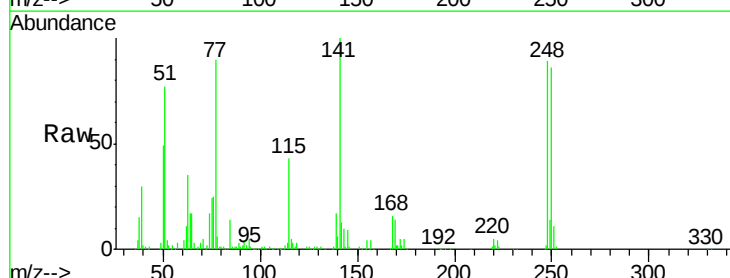
Tgt Ion:248 Resp: 192118

Ion Ratio Lower Upper

248 100

250 96.2 78.6 117.8

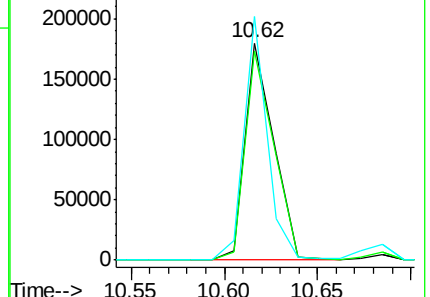
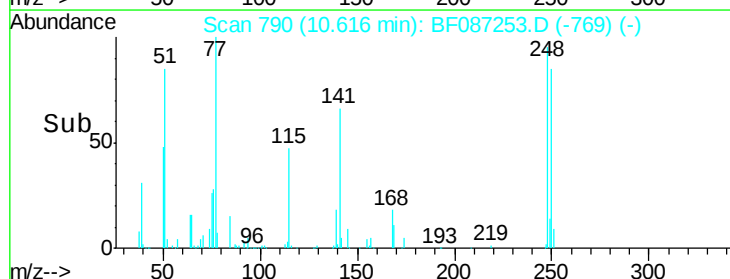
141 112.2 76.0 114.0

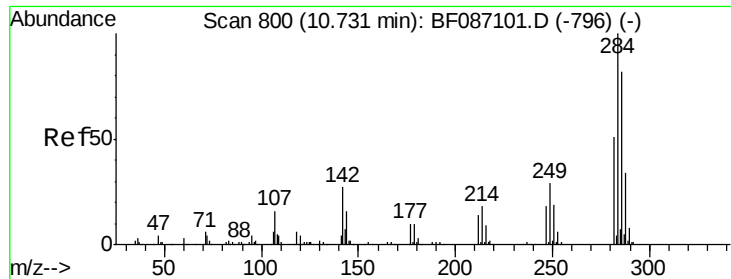


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.24 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

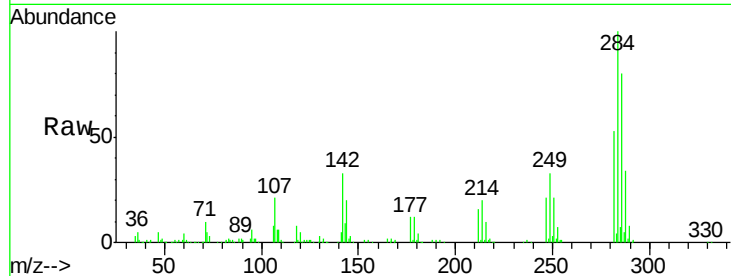
Tgt Ion:284 Resp: 214607

Ion Ratio Lower Upper

284 100

142 32.8 16.7 25.1#

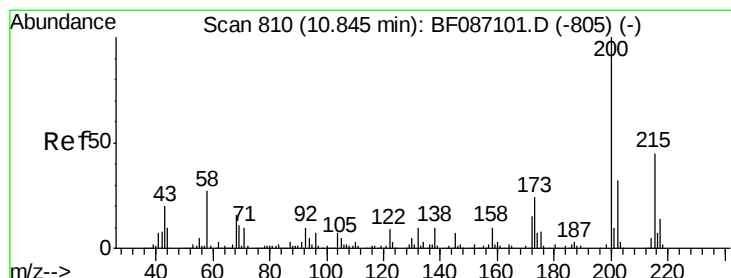
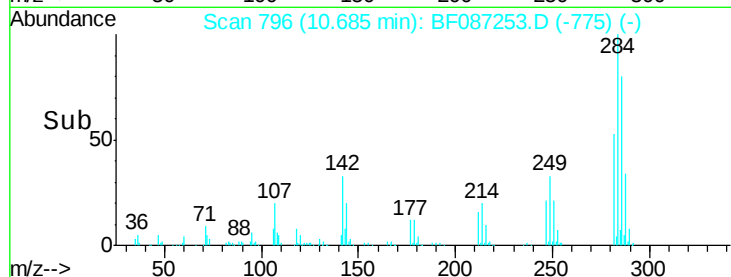
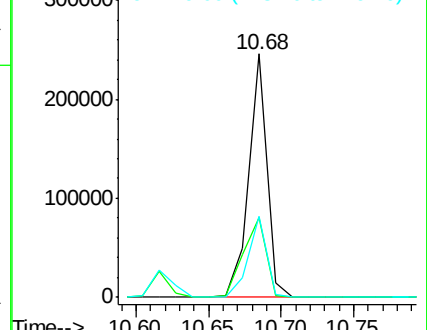
249 33.1 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.01 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

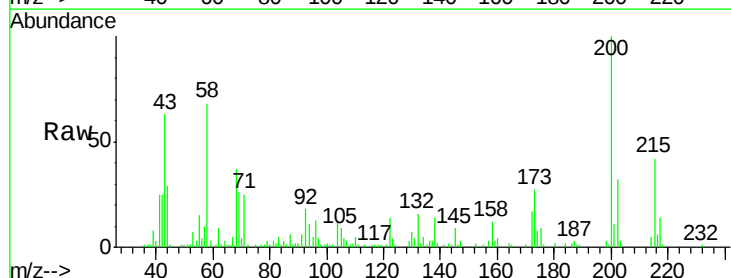
Tgt Ion:200 Resp: 48345

Ion Ratio Lower Upper

200 100

173 27.0 8.5 48.5

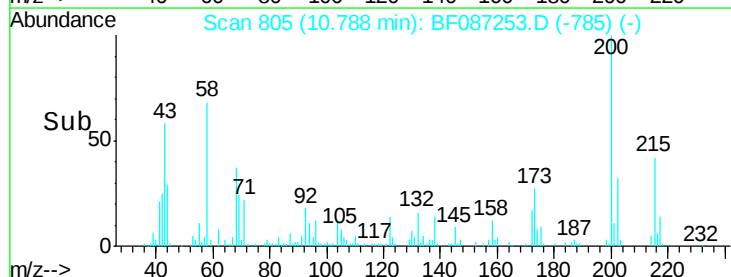
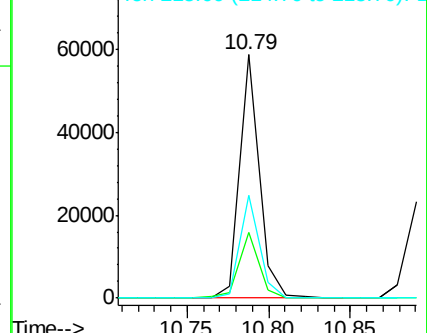
215 42.5 27.2 67.2

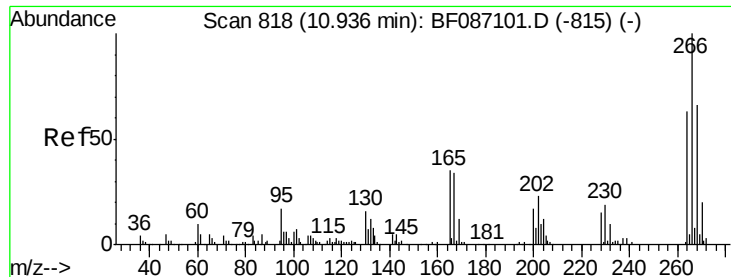


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

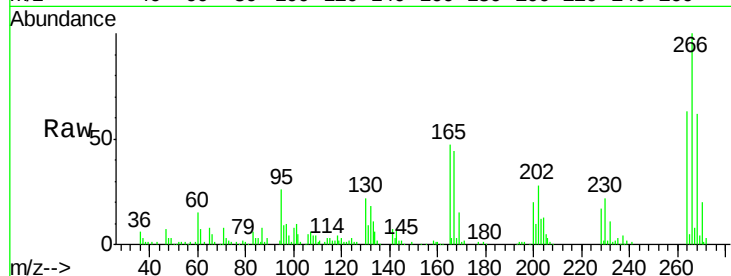




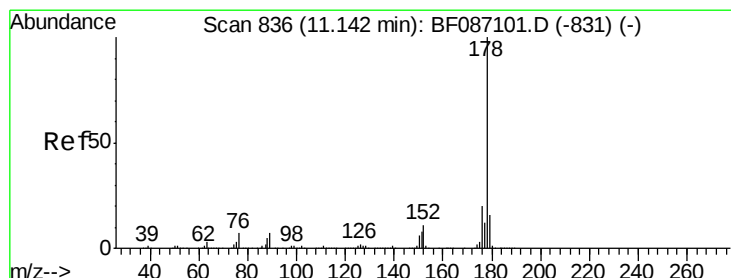
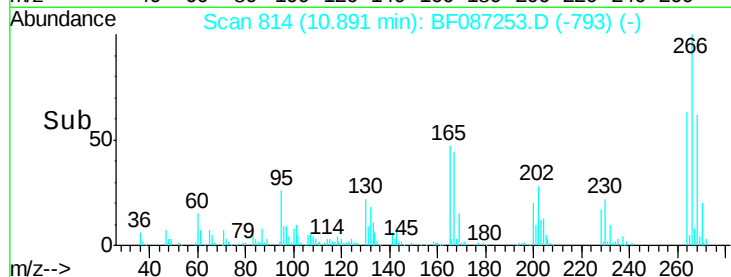
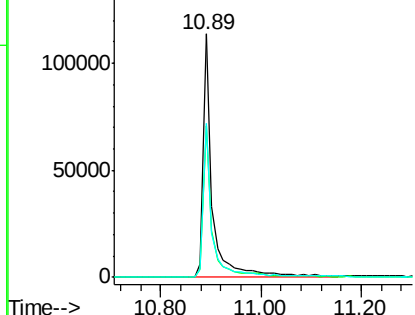
#69
 Pentachlorophenol
 Concen: 70.15 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

Tgt Ion:266 Resp: 147881
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.5 77.3
 264 63.3 52.9 79.3

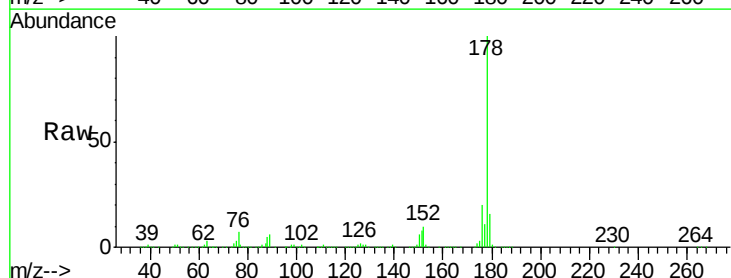


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

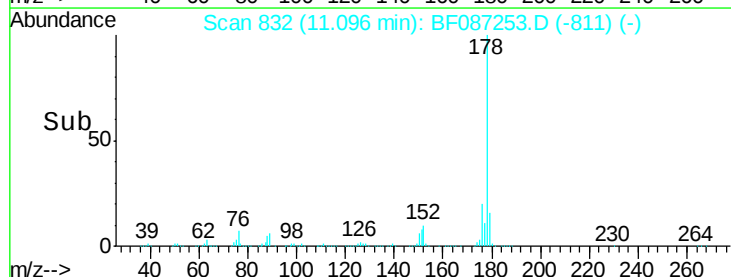
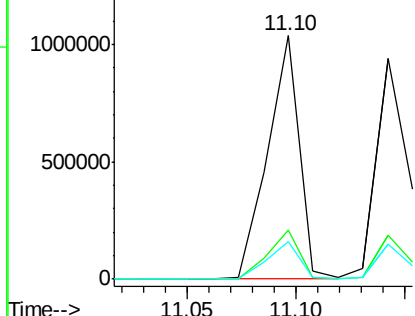


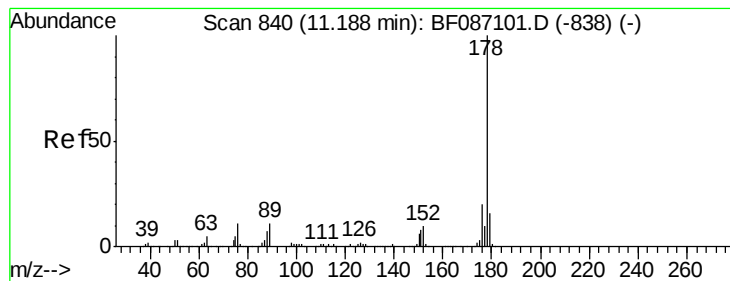
#70
 Phenanthrene
 Concen: 41.44 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:178 Resp: 1057863
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.7 12.6 18.8



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





#71

Anthracene

Concen: 37.83 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

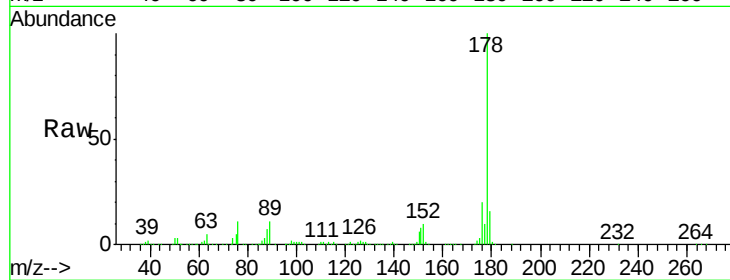
Tgt Ion:178 Resp: 976775

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

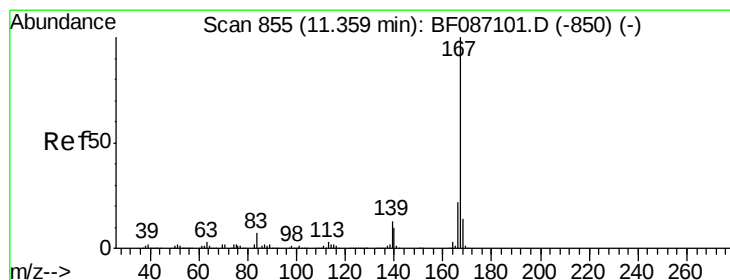
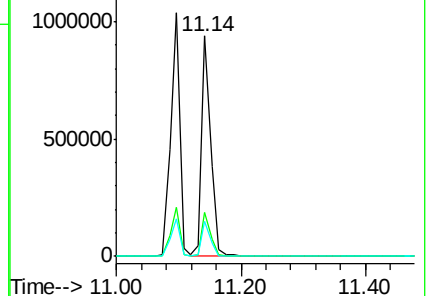
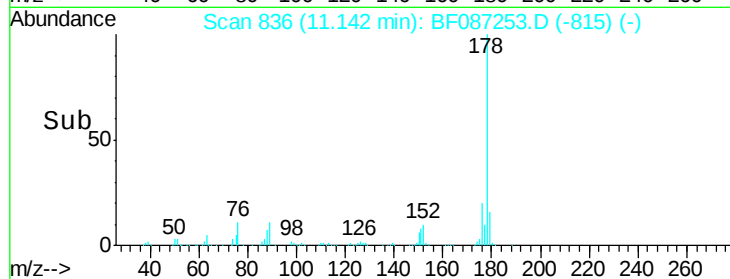
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.05 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

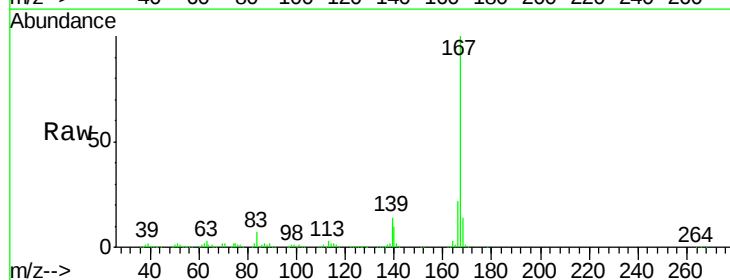
Tgt Ion:167 Resp: 991854

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

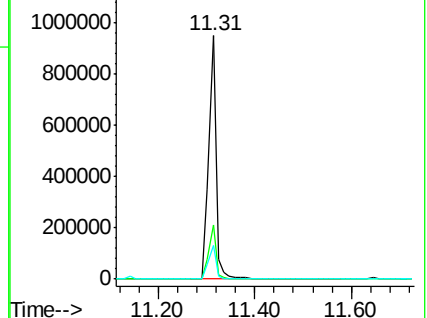
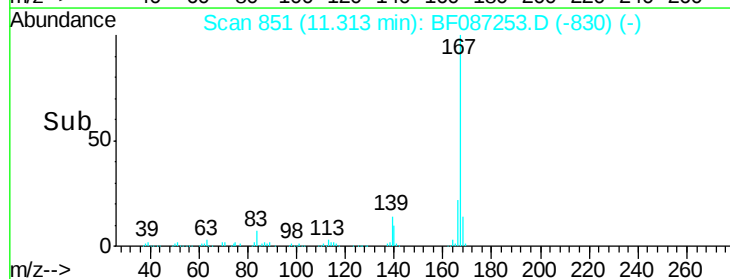
139 13.8 10.8 16.2

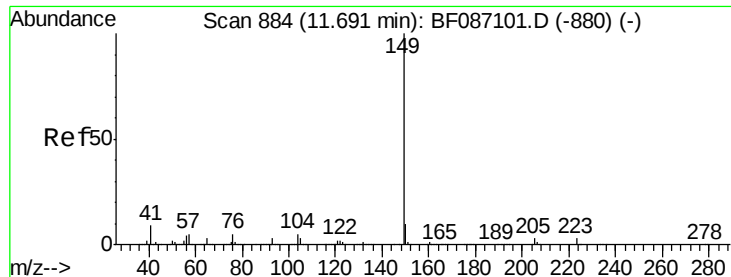


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.27 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

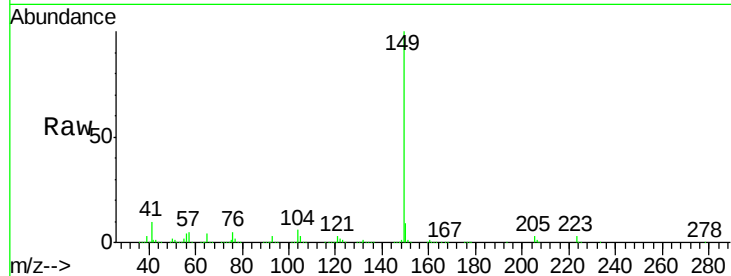
Tgt Ion:149 Resp: 1226587

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

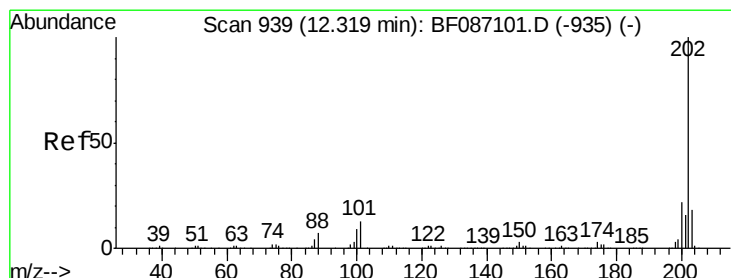
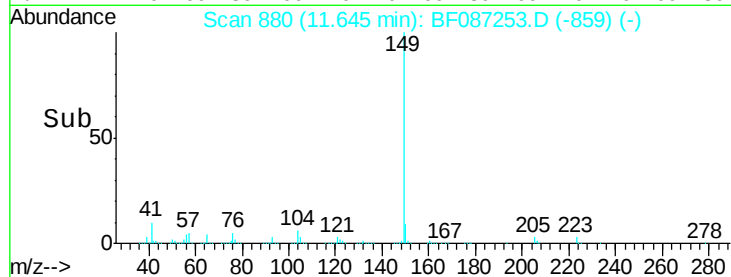
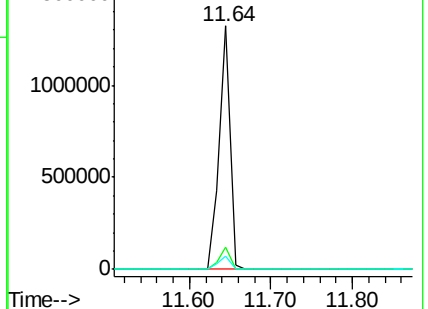
104 5.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.85 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

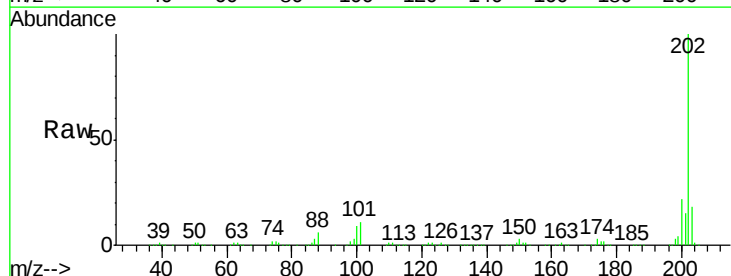
Tgt Ion:202 Resp: 1019159

Ion Ratio Lower Upper

202 100

101 11.4 0.0 35.4

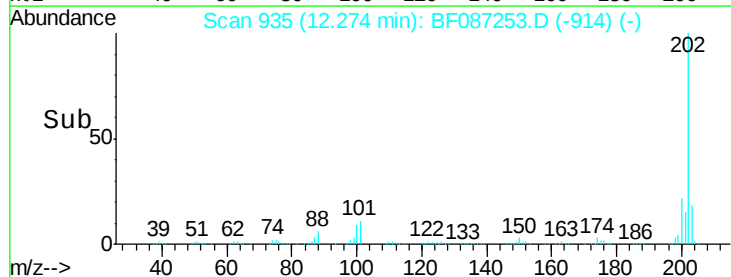
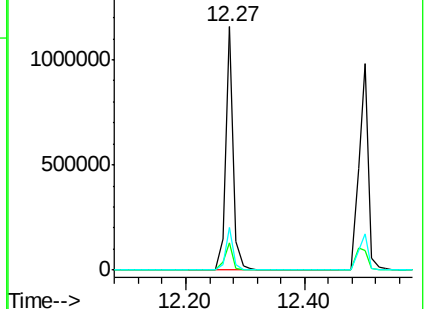
203 17.7 0.0 38.1

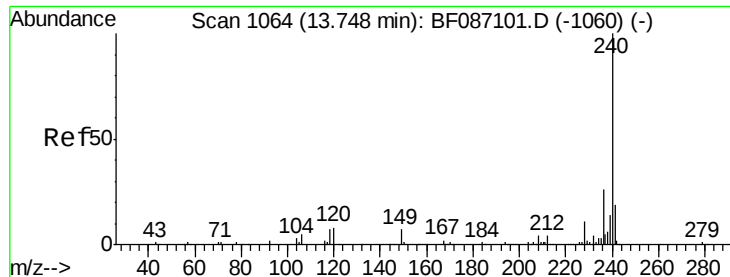


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

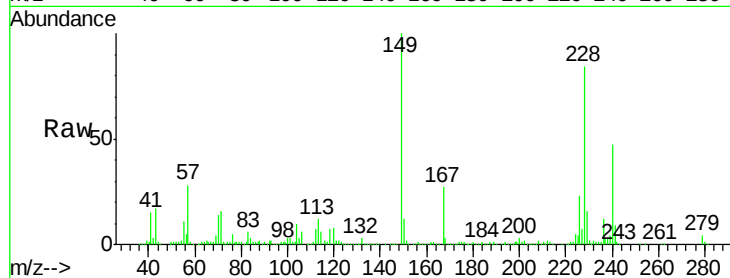
Tgt Ion:240 Resp: 313000

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

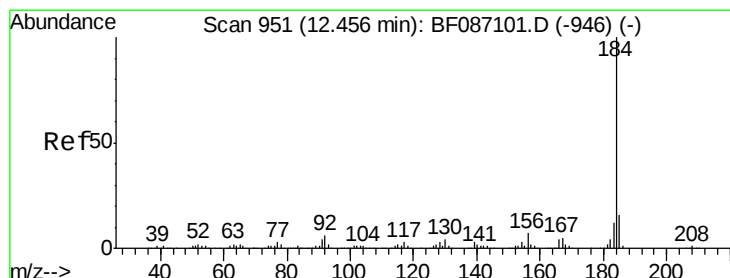
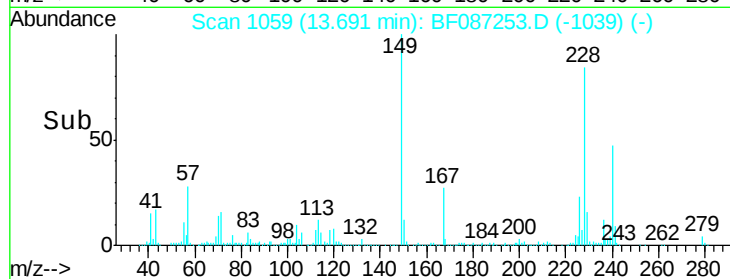
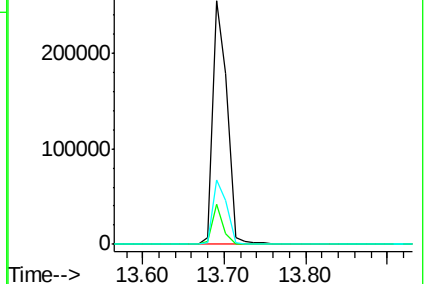
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.41 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

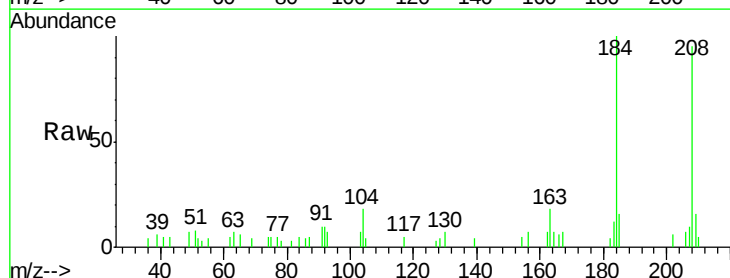
Tgt Ion:184 Resp: 17103

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

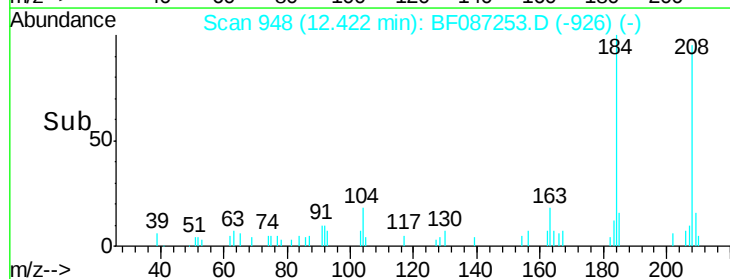
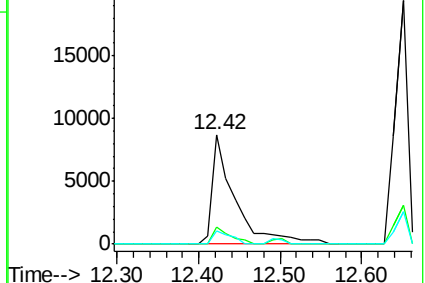
183 12.2 9.8 14.6

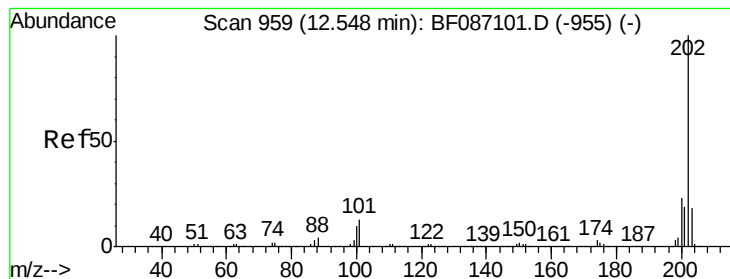


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.03 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

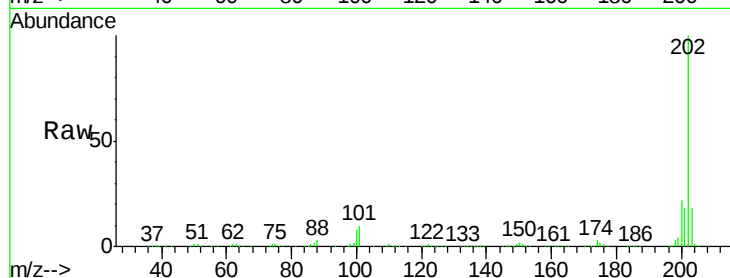
Tgt Ion:202 Resp: 1063528

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

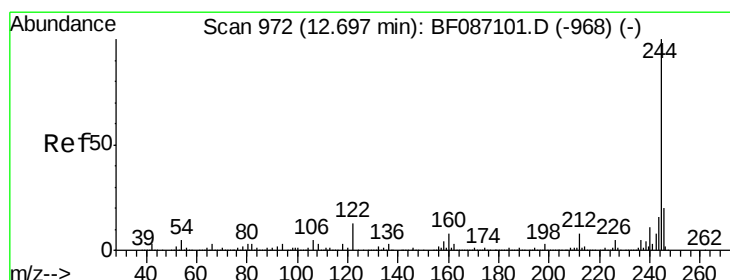
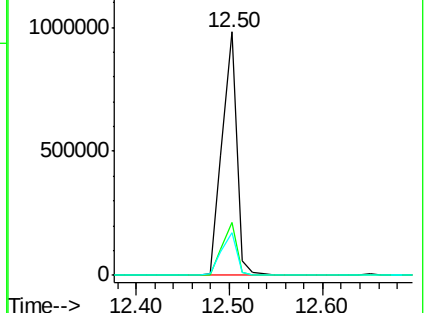
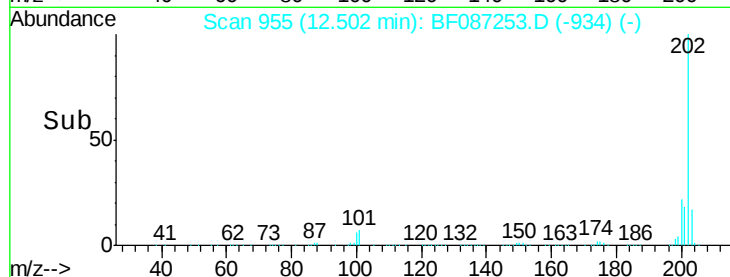
203 17.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.39 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

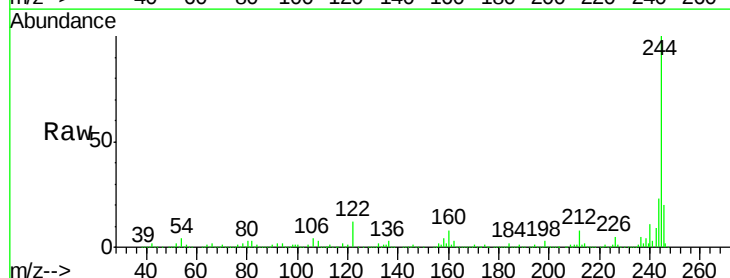
Tgt Ion:244 Resp: 1209247

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

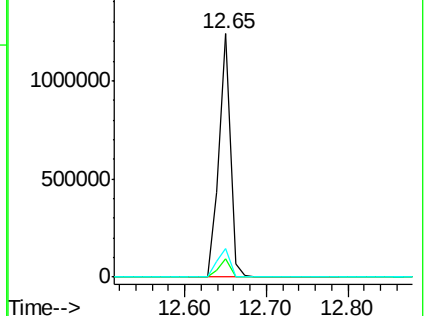
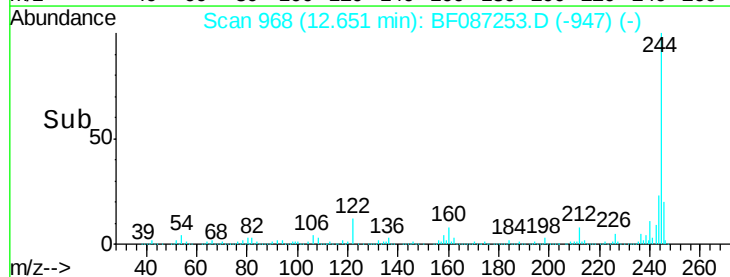
122 11.6 12.0 18.0#

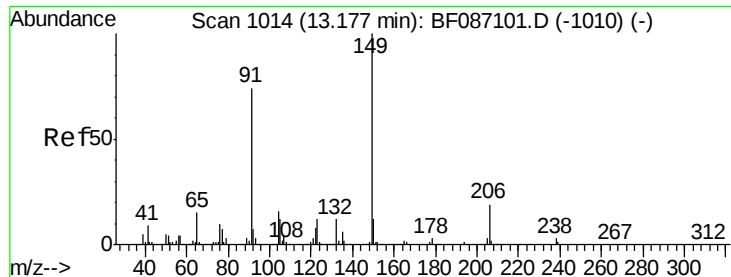


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

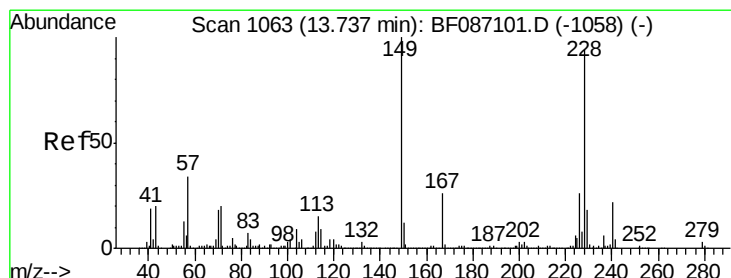
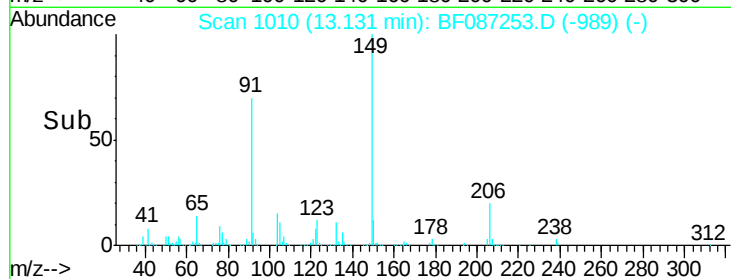
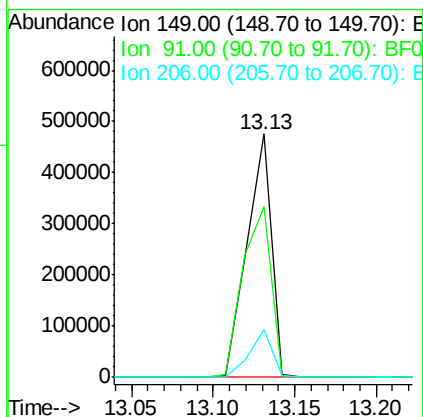
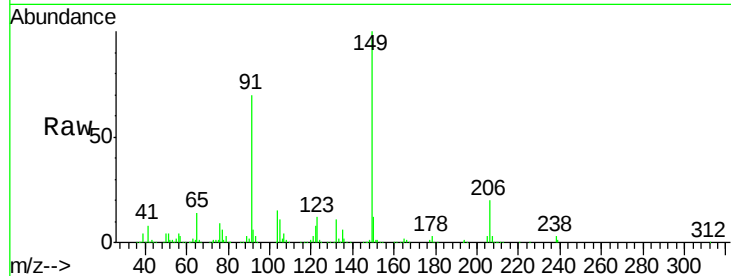




#79
Butylbenzylphthalate
Concen: 51.81 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

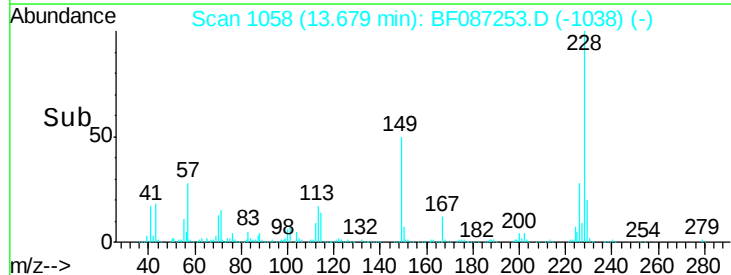
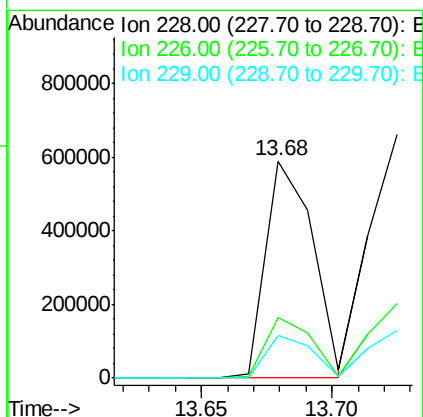
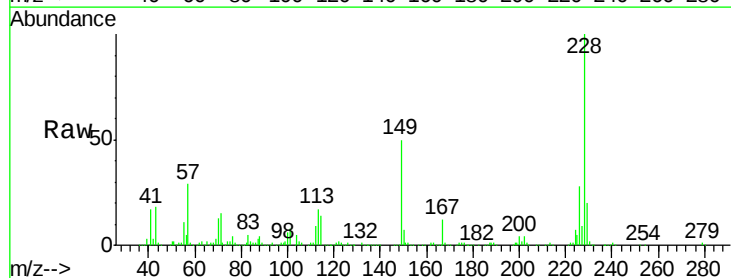
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

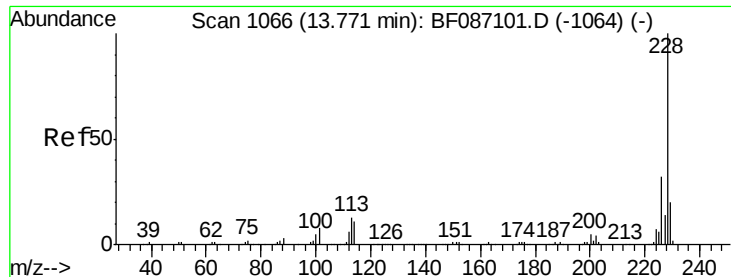
Tgt Ion:149 Resp: 494521
Ion Ratio Lower Upper
149 100
91 70.3 48.0 72.0
206 19.9 15.8 23.6



#80
Benzo(a)anthracene
Concen: 40.95 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:228 Resp: 741086
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 19.9 16.6 25.0





#82

Chrysene

Concen: 44.55 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

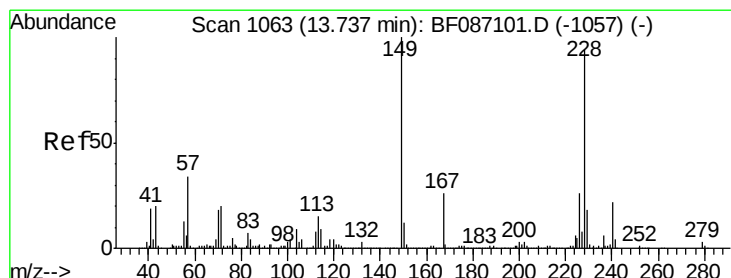
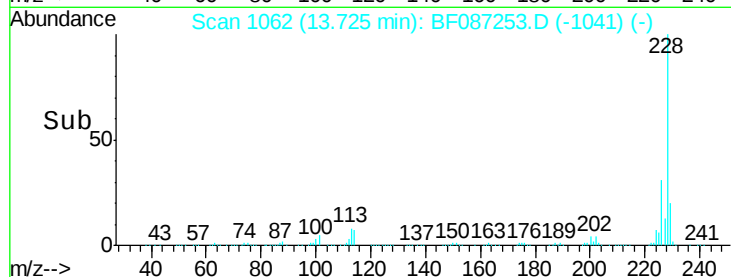
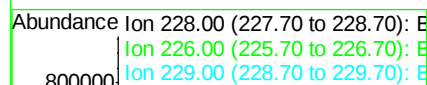
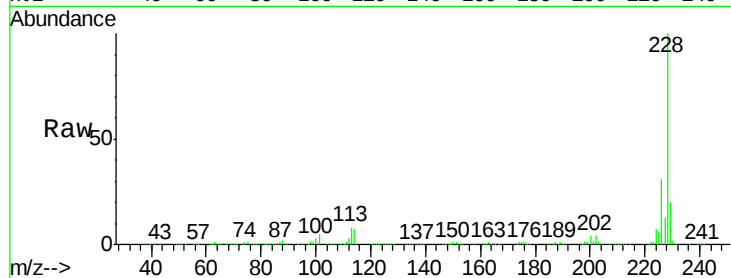
Tgt Ion:228 Resp: 779989

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.9 15.8 23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.03 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

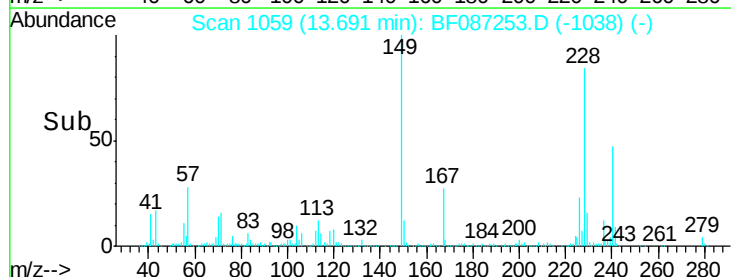
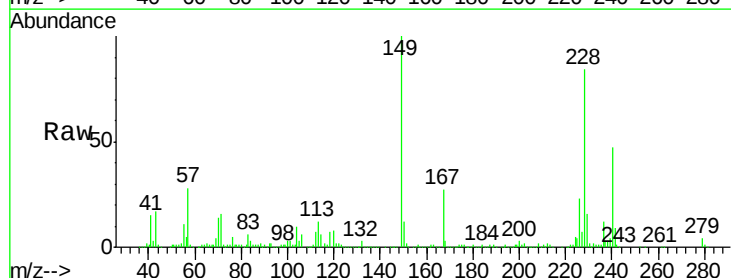
Tgt Ion:149 Resp: 592838

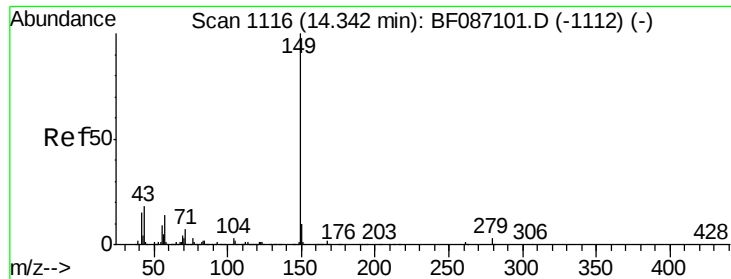
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.2 2.6 4.0#

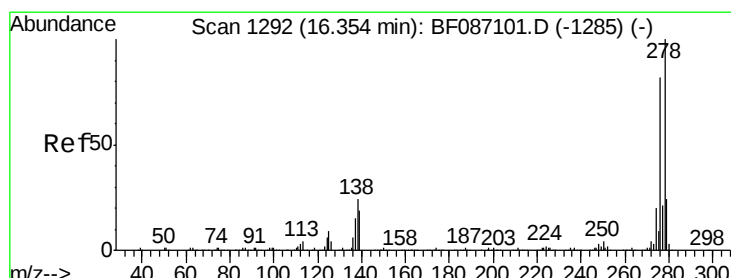
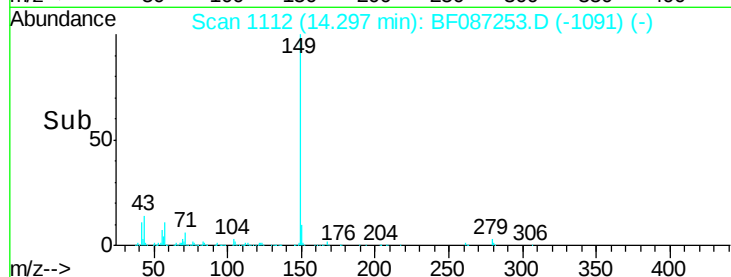
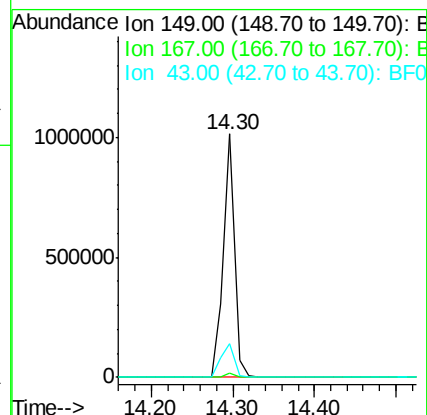
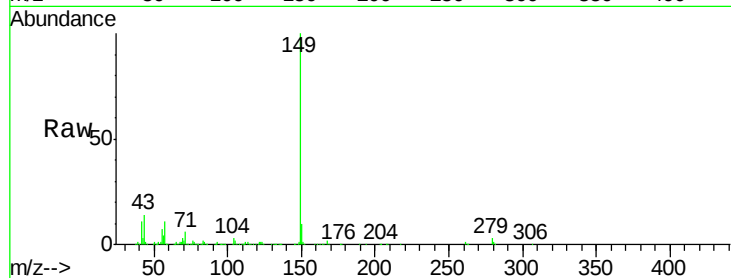




#84
Di-n-octyl phthalate
Concen: 48.24 ng
RT: 14.30 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

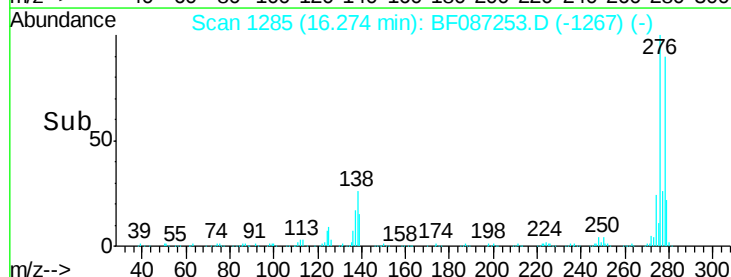
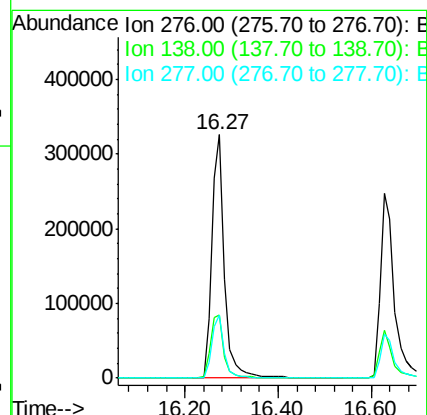
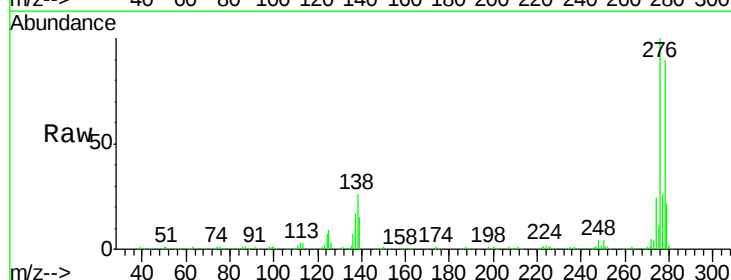
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

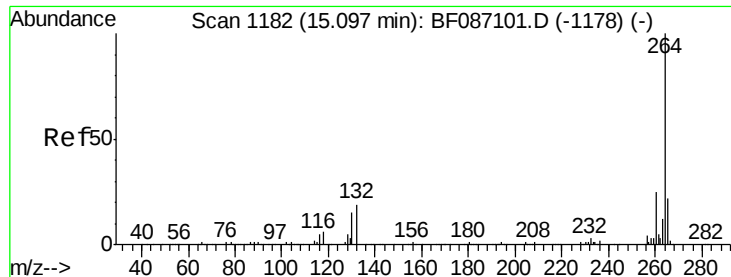
Tgt Ion:149 Resp: 965361
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.2 8.2 12.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.50 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:276 Resp: 622392
Ion Ratio Lower Upper
276 100
138 27.8 25.6 38.4
277 25.4 20.5 30.7



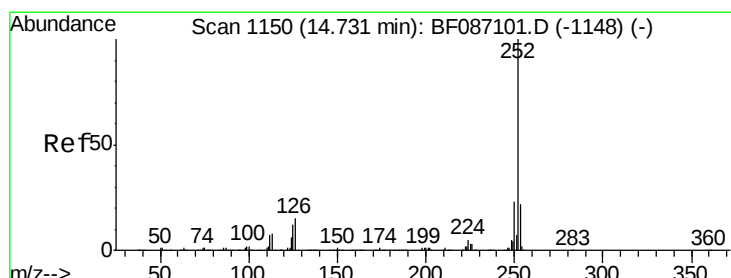
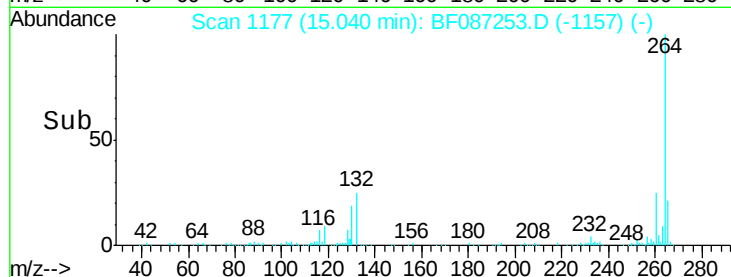
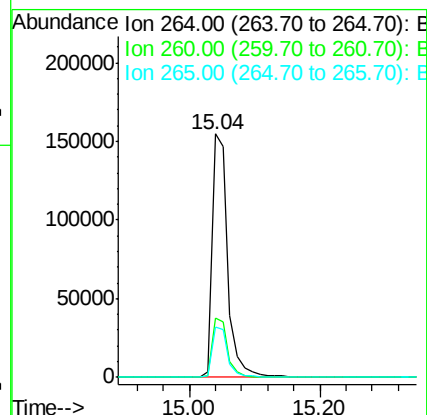
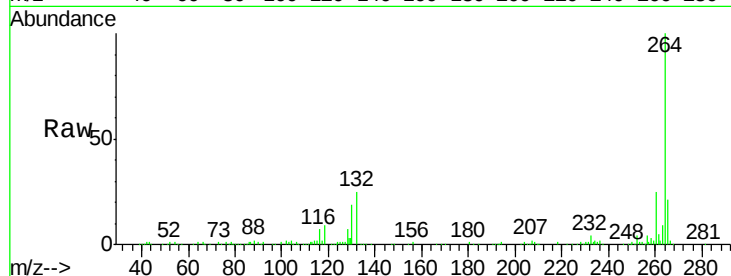


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

Tgt Ion: 264 Resp: 255928

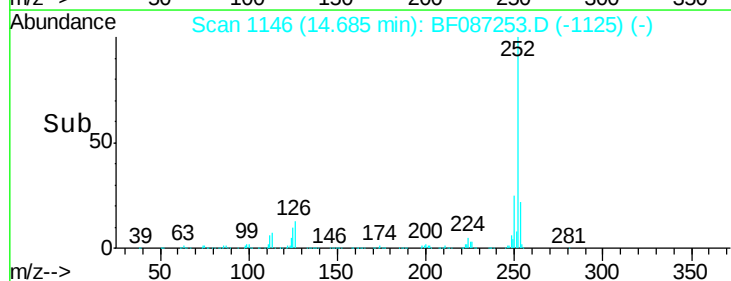
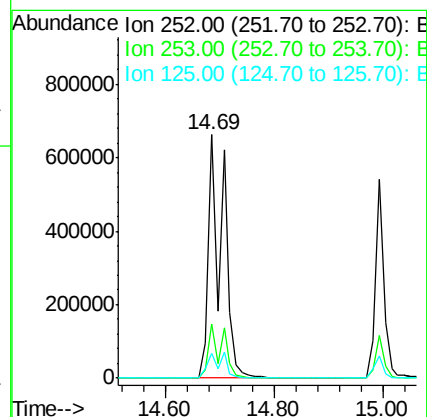
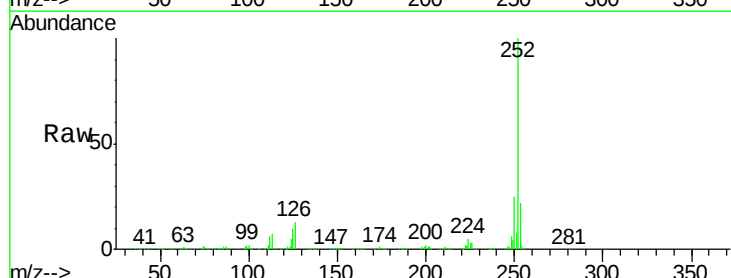
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.3	25.9

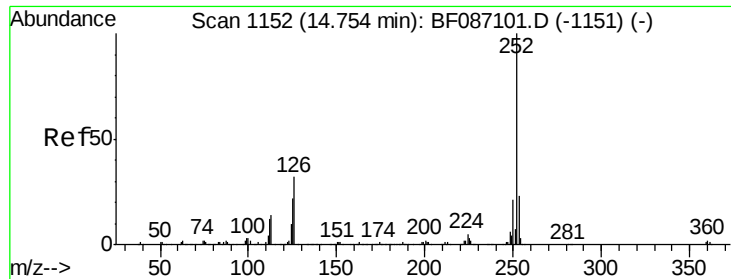


#87
Benzo(b)fluoranthene
Concen: 73.81 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion: 252 Resp: 1253257

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.3	11.4	17.0

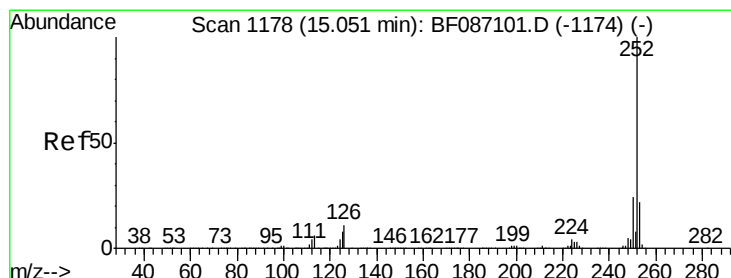
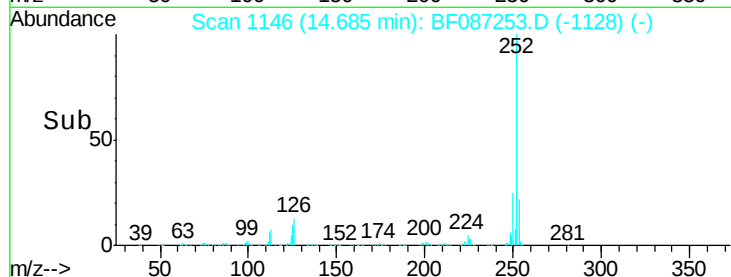
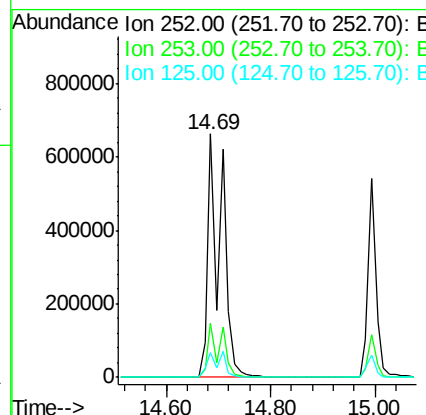
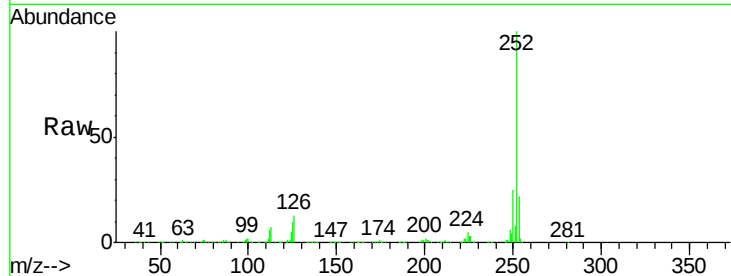




#88
Benzo(k)fluoranthene
Concen: 99.18 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

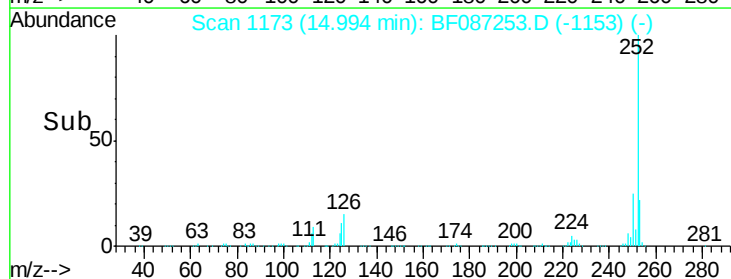
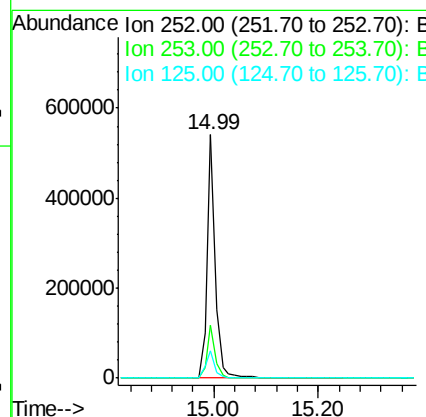
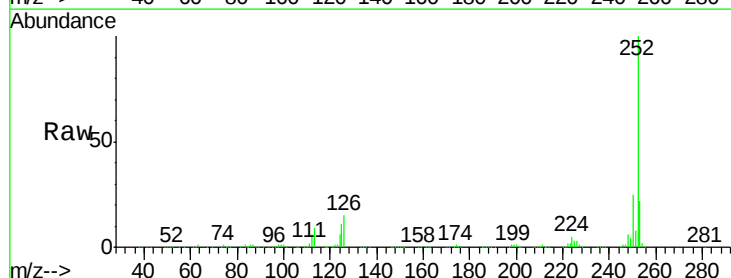
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

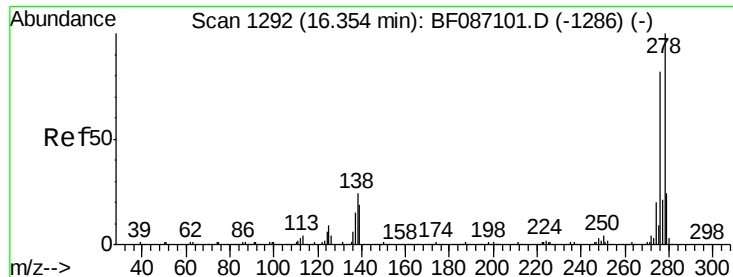
Tgt Ion:252 Resp: 1253649
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.3 9.1 13.7



#89
Benzo(a)pyrene
Concen: 41.01 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:252 Resp: 581994
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.5 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 43.94 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.10 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

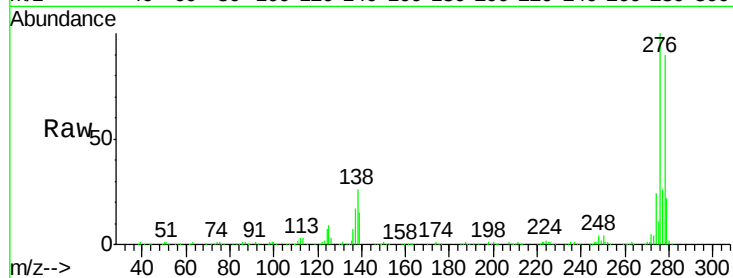
Tgt Ion: 278 Resp: 524982

Ion Ratio Lower Upper

278 100

139 17.0 16.6 24.8

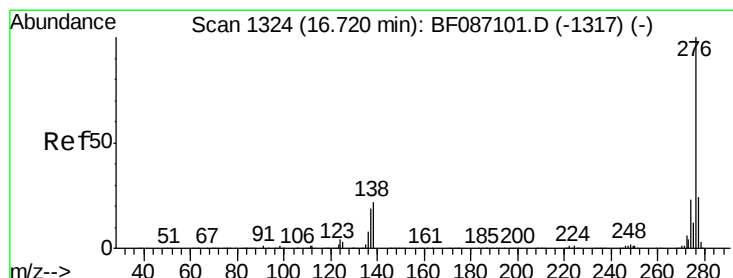
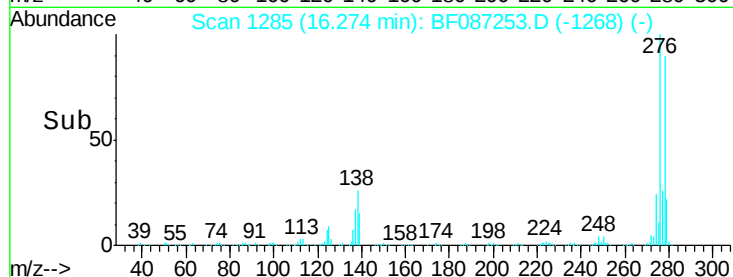
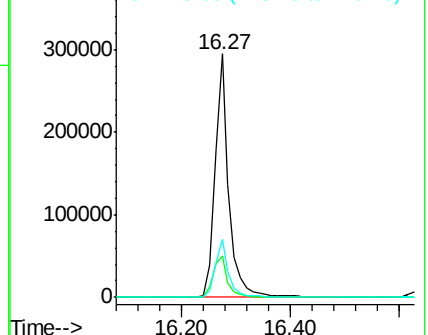
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.72 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

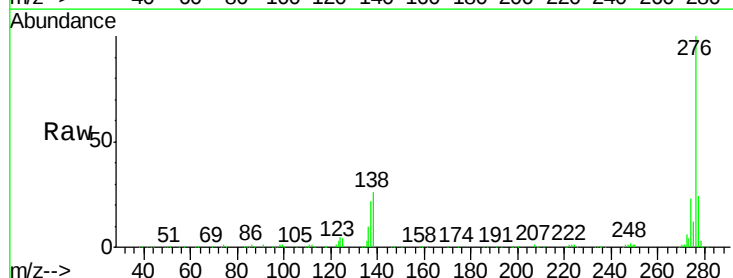
Tgt Ion: 276 Resp: 527594

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.9 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

