

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 06:46:58 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	6.49	146	361807m	37.28	ng	
13) 1,4-Dichlorobenzene	6.57	146	375666m	37.83	ng	
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
35) Caprolactam	8.39	113	18667m	7.80	ng	
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

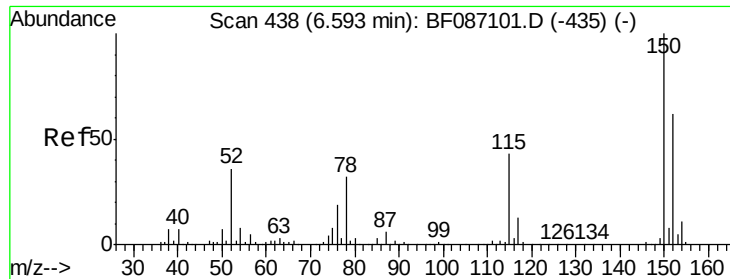
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	192054	37.54	nq	94
45) 1,1'-Biphenyl	9.03	154	884580	41.04	nq	99
46) 2-Chloronaphthalene	9.04	162	652300	39.42	nq #	91
47) 2-Nitroaniline	9.15	65	244575	38.57	nq #	66
48) Acenaphthylene	9.45	152	947394	37.49	nq	98
49) Dimethylphthalate	9.34	163	881743	44.46	nq	99
50) 2,6-Dinitrotoluene	9.40	165	192731	44.76	nq	94
51) Acenaphthene	9.62	154	582439	36.89	nq	98
52) 3-Nitroaniline	9.58	138	37206	7.98	nq #	86
53) 2,4-Dinitrophenol	9.69	184	108116	45.96	nq	87
54) Dibenzofuran	9.79	168	846354	41.46	nq #	89
55) 4-Nitrophenol	9.77	139	136301m	52.21	nq	
56) 2,4-Dinitrotoluene	9.80	165	211441	38.34	nq #	67
57) Fluorene	10.14	166	621366	37.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	174996	43.92	nq	96
59) Diethylphthalate	10.03	149	807216	42.64	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	342475	44.05	nq	88
61) 4-Nitroaniline	10.19	138	95966	20.85	nq	84
62) Azobenzene	10.30	77	935037	42.86	nq	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	112107	36.16	nq #	45
65) n-Nitrosodiphenylamine	10.26	169	443819	29.96	nq	100
66) 4-Bromophenyl-phenylether	10.62	248	192118	39.69	nq	90
67) Hexachlorobenzene	10.68	284	214607	38.24	nq #	82
68) Atrazine	10.79	200	48345	10.01	nq	95
69) Pentachlorophenol	10.89	266	147881	70.15	nq	97
70) Phenanthrene	11.10	178	1057863	41.44	nq	100
71) Anthracene	11.14	178	976775	37.83	nq	99
72) Carbazole	11.31	167	991854	42.05	nq	100
73) Di-n-butylphthalate	11.64	149	1226587	45.27	nq	99
74) Fluoranthene	12.27	202	1019159	39.85	nq	95
76) Benzidine	12.42	184	17103	2.41	nq	98
77) Pyrene	12.50	202	1063528	47.03	nq	99
79) Butylbenzylphthalate	13.13	149	494521	51.81	nq	90
80) Benzo(a)anthracene	13.68	228	741086	40.95	nq	99
82) Chrysene	13.73	228	779989	44.55	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	592838	51.03	nq #	99
84) Di-n-octyl phthalate	14.30	149	965361	48.24	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.27	276	622392	40.50	nq	96
87) Benzo(b)fluoranthene	14.69	252	647074m	38.11	nq	
88) Benzo(k)fluoranthene	14.71	252	597430m	47.26	nq	
89) Benzo(a)pyrene	14.99	252	581994	41.01	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	524982	43.94	nq	96
91) Benzo(g,h,i)perylene	16.63	276	527594	43.72	nq	96

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

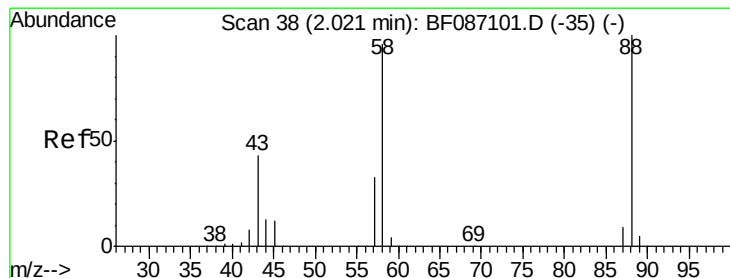
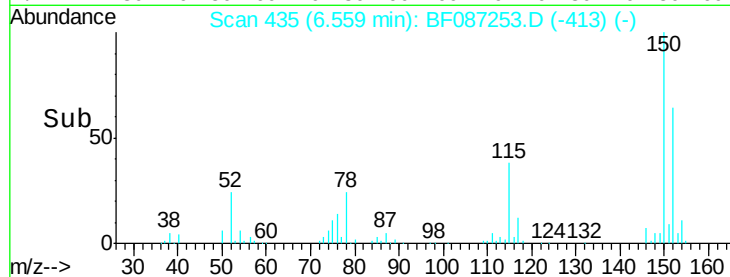
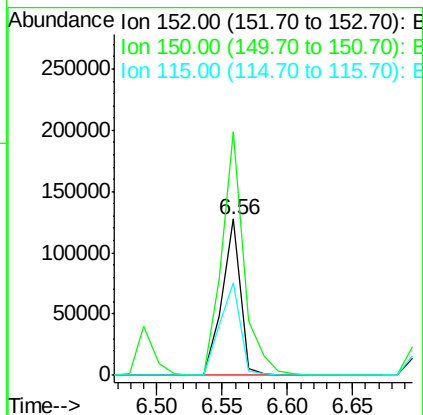
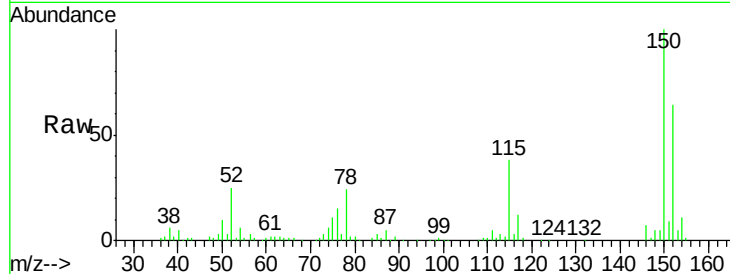


#1

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

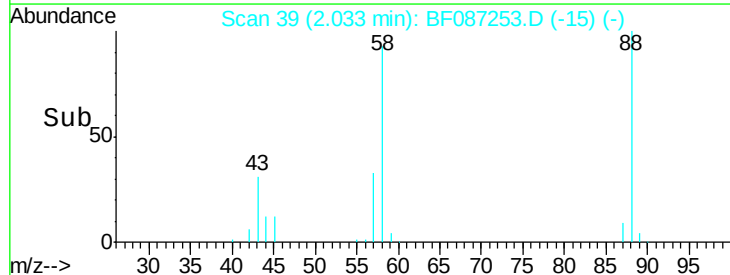
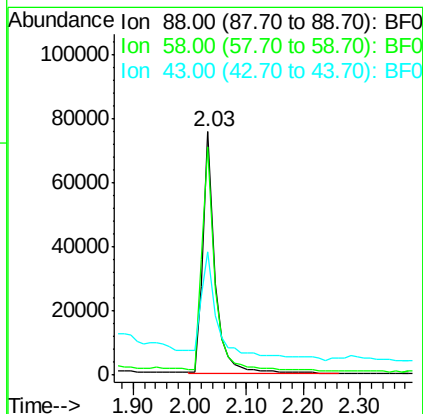
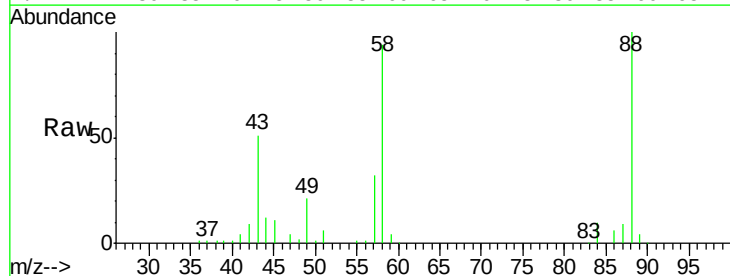
Tot Ion:152 Resp: 126143
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.3 51.5 77.3

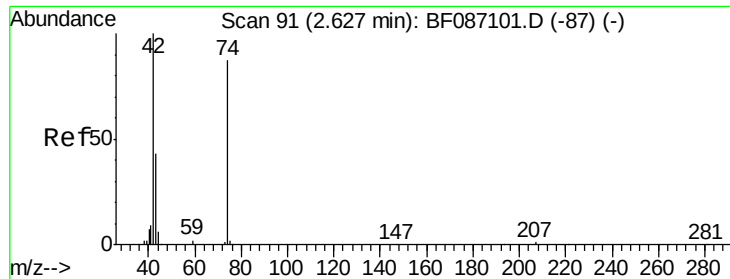


#2

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

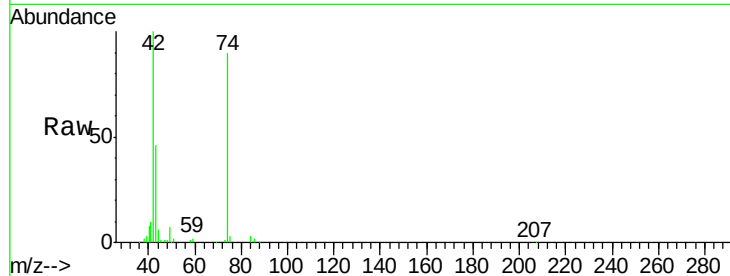
Tot Ion: 42 Resp: 237592

Ion Ratio Lower Upper

42 100

74 90.0 123.4 185.0#

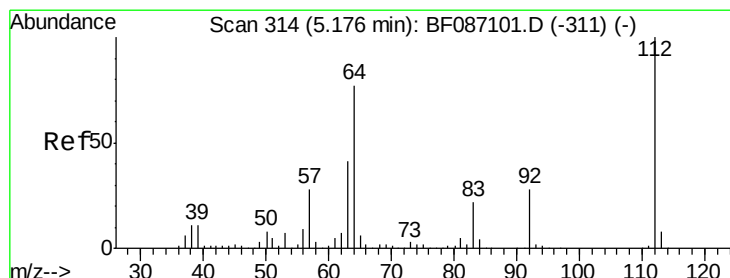
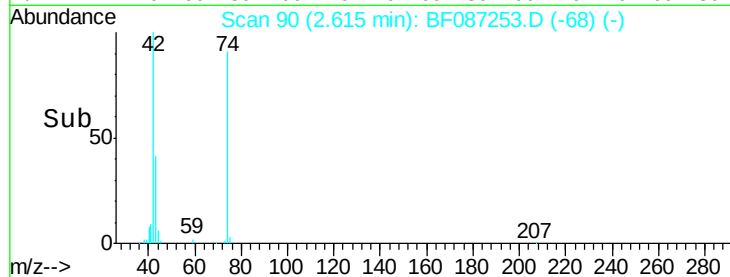
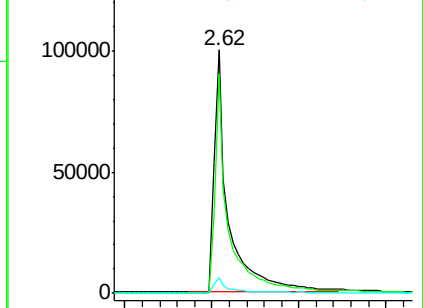
44 6.3 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 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

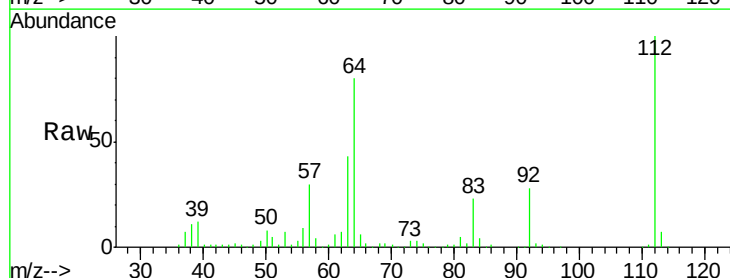
Tgt Ion: 112 Resp: 851163

Ion Ratio Lower Upper

112 100

64 79.8 52.1 78.1#

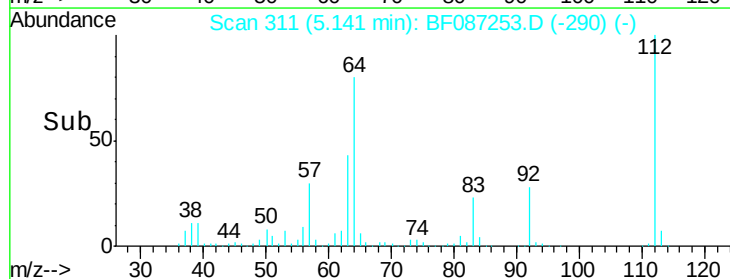
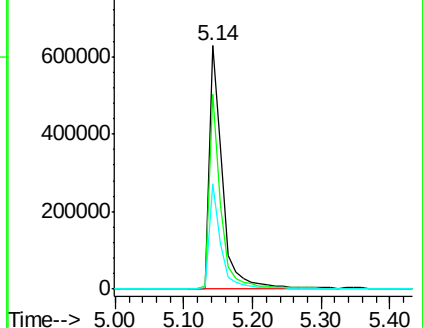
63 43.5 25.7 38.5#

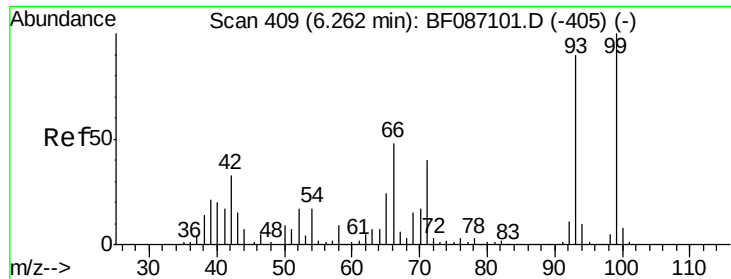


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 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 :

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ClientSampleId :

7-AB-AC(0-2)MS

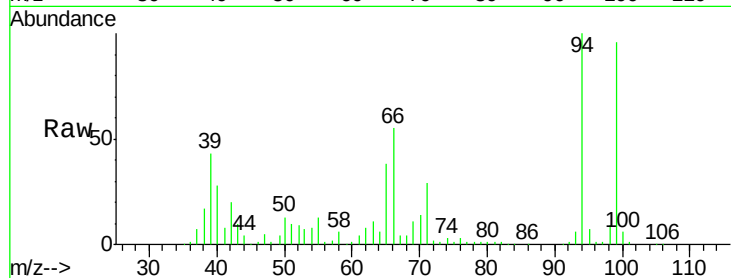
Tot Ion: 93 Resp: 29335

Ion Ratio Lower Upper

93 100

66 864.9 39.0 58.6#

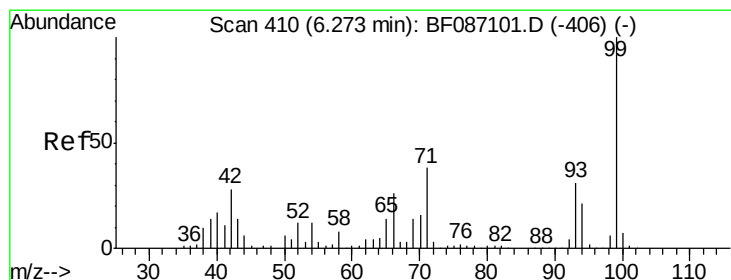
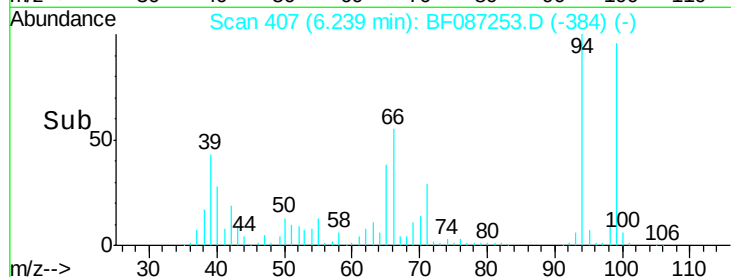
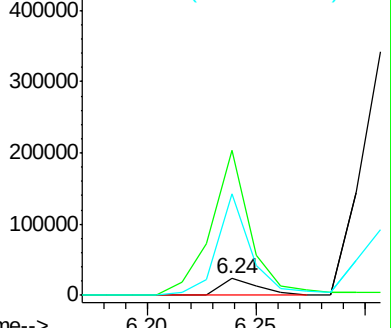
65 606.1 20.6 31.0#



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

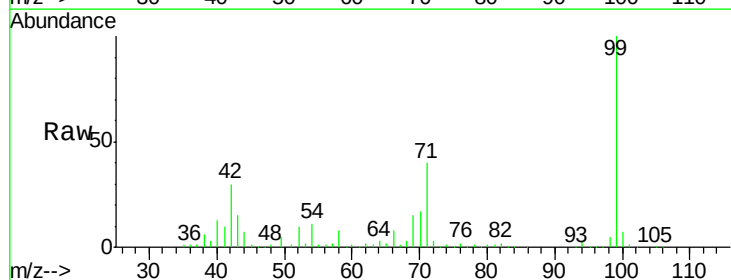
Tgt Ion: 99 Resp: 1137218

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

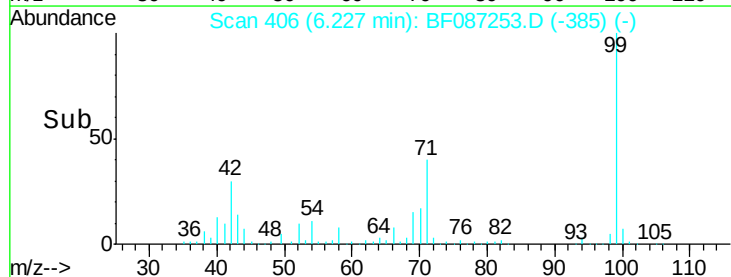
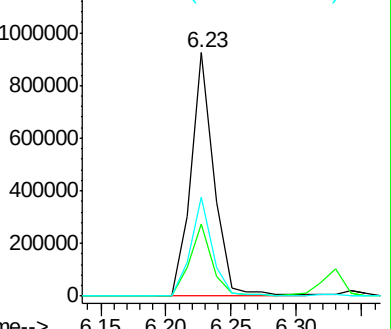
71 40.5 24.6 36.8#

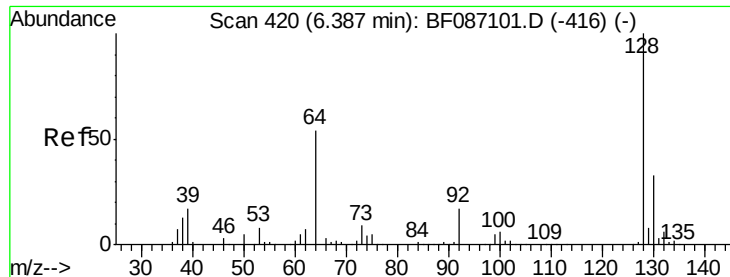


Abundance Ion 99.00 (98.70 to 99.70): BF0

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

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Instrument :

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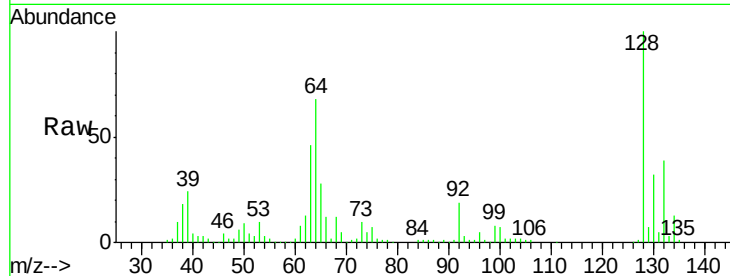
Tot Ion:128 Resp: 359013

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

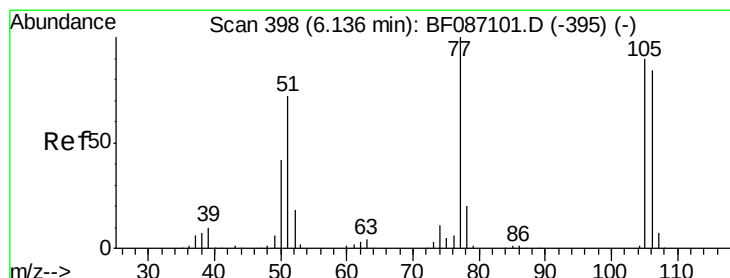
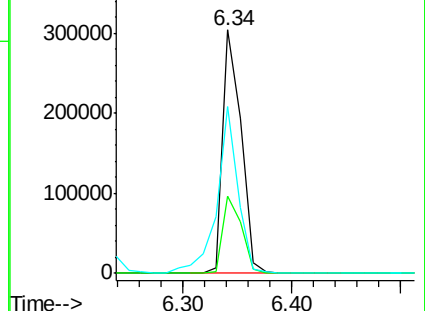
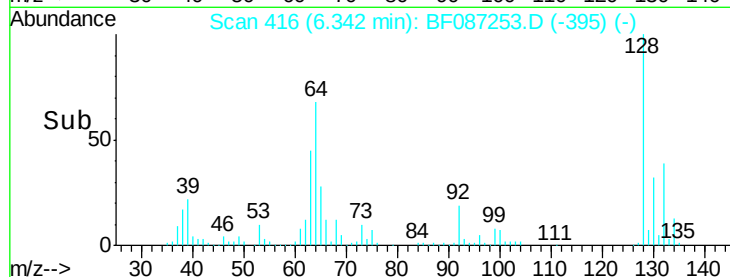
64 68.3 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#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

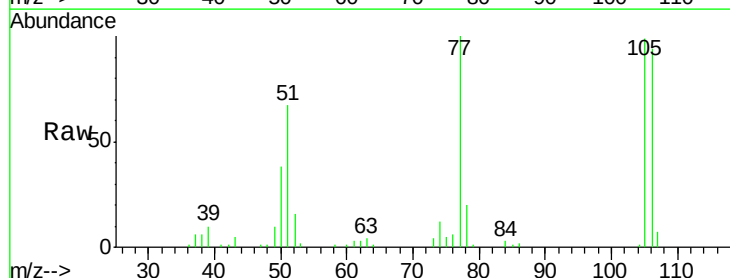
Tgt Ion: 77 Resp: 111925

Ion Ratio Lower Upper

77 100

105 99.4 72.7 112.7

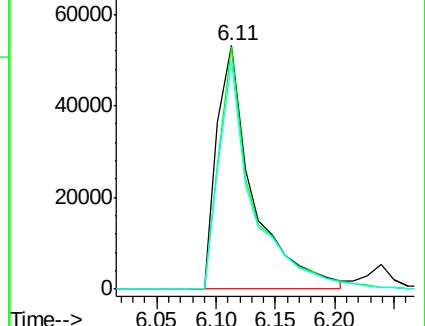
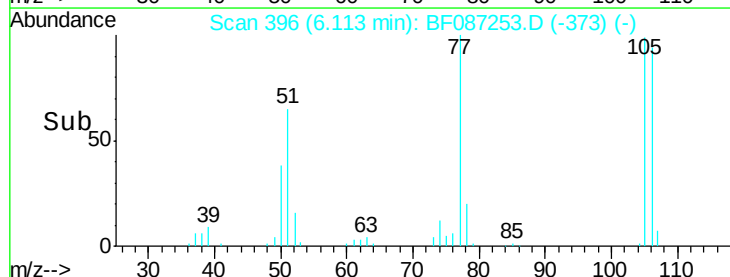
106 93.5 70.8 110.8

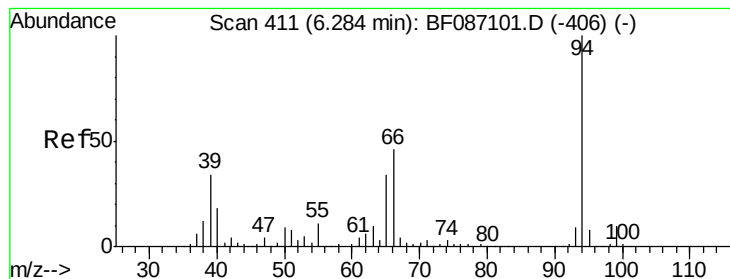


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#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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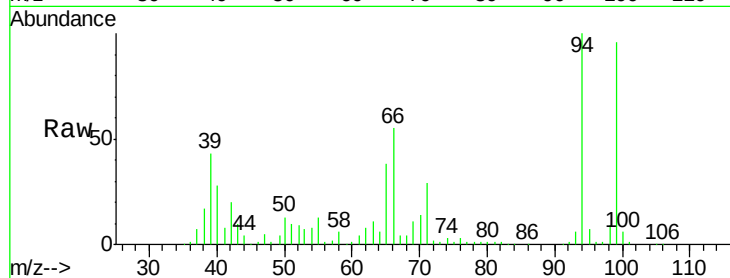
Tot Ion: 94 Resp: 447631

Ion Ratio Lower Upper

94 100

65 38.4 7.2 47.2

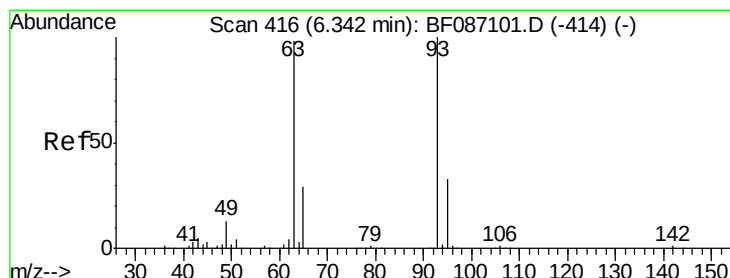
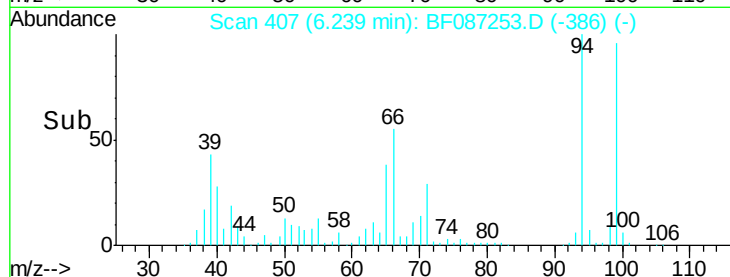
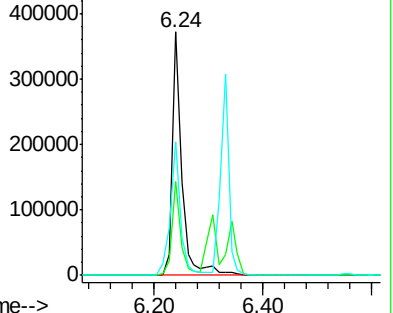
66 54.8 14.9 54.9



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

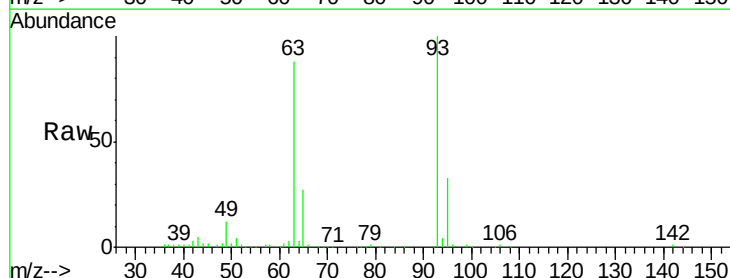
Tgt Ion: 93 Resp: 373161

Ion Ratio Lower Upper

93 100

63 87.6 58.0 98.0

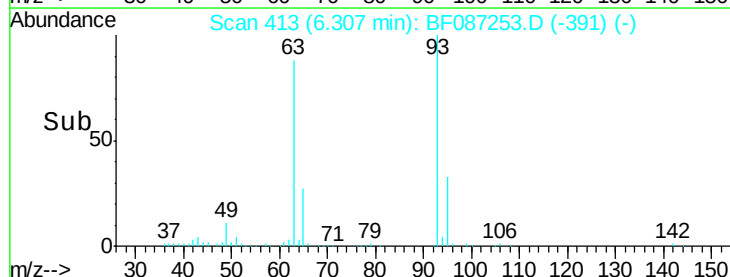
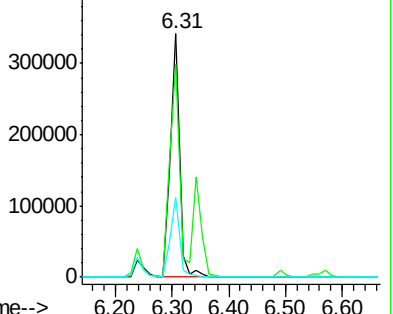
95 32.8 11.9 51.9

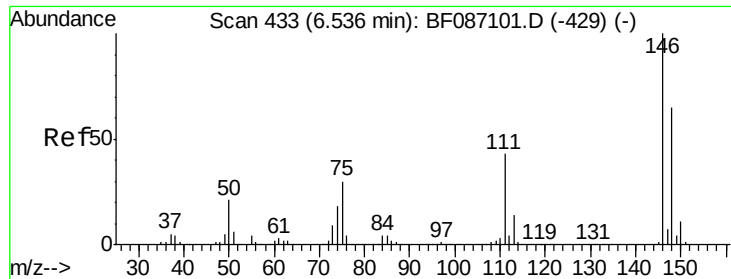


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

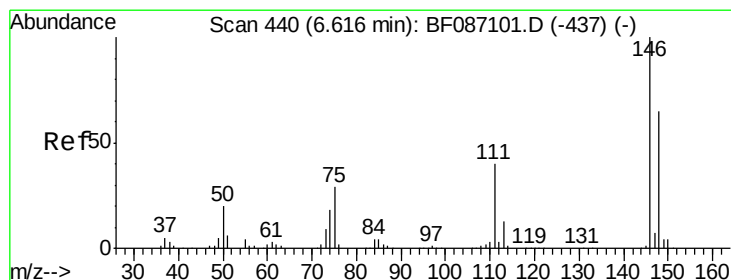
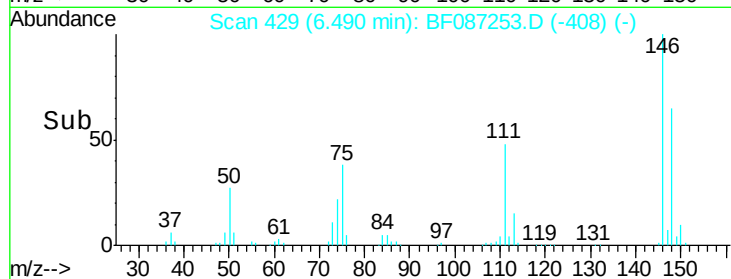
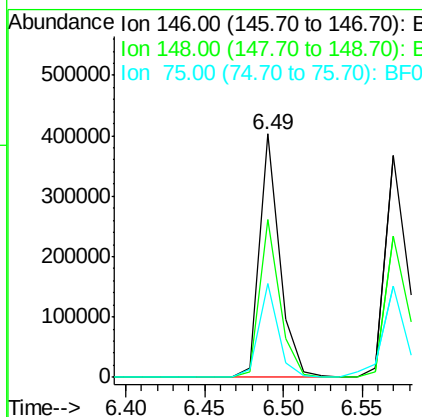
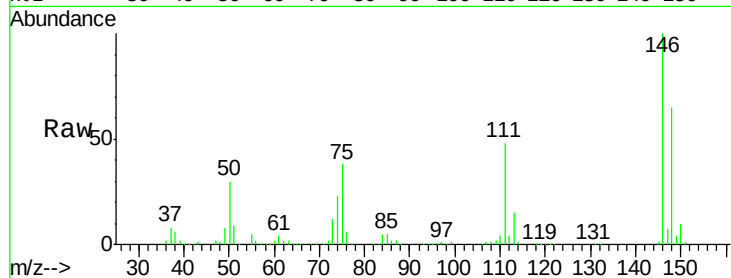




#12
 1,3-Dichlorobenzene
 Concen: 37.28 ng m
 RT: 6.49 min Scan# 429
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

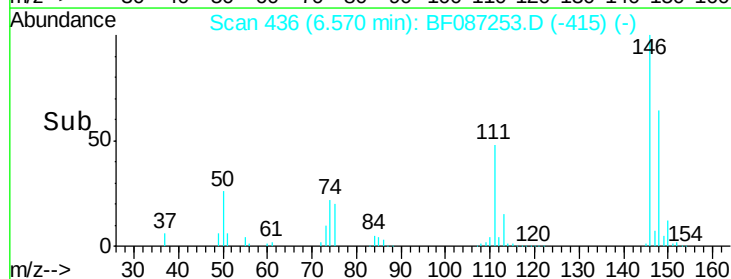
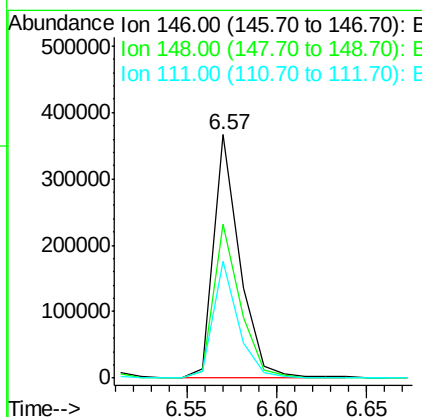
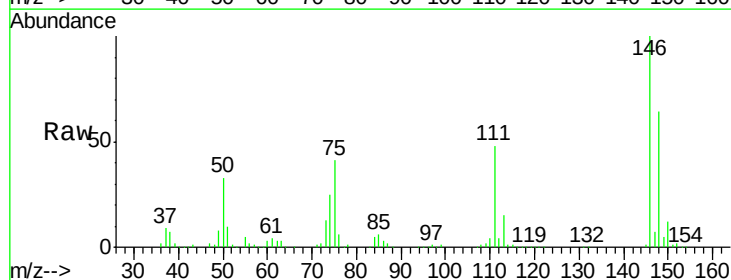
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

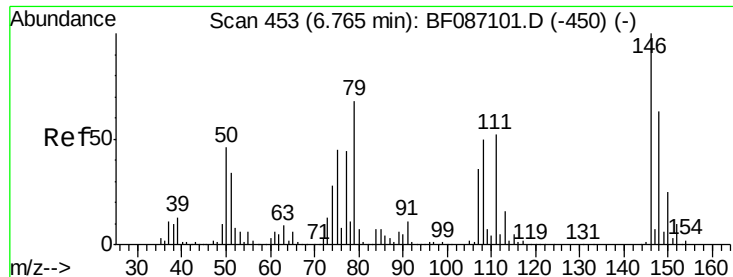
Tot Ion:146 Resp: 361807
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.4 78.6
 75 38.3 22.8 34.2#



#13
 1,4-Dichlorobenzene
 Concen: 37.83 ng m
 RT: 6.57 min Scan# 436
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

Tgt Ion:146 Resp: 375666
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 48.0 30.7 46.1#

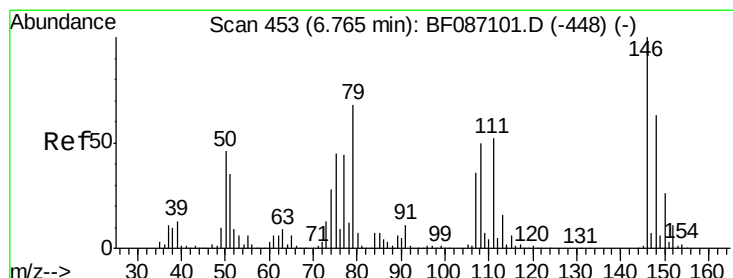
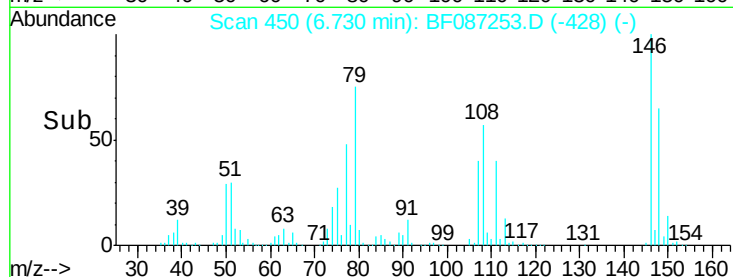
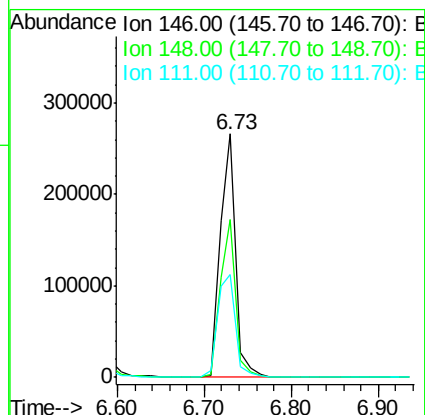
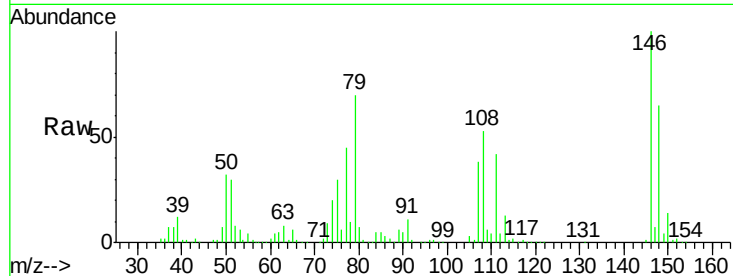




#14
 1,2-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

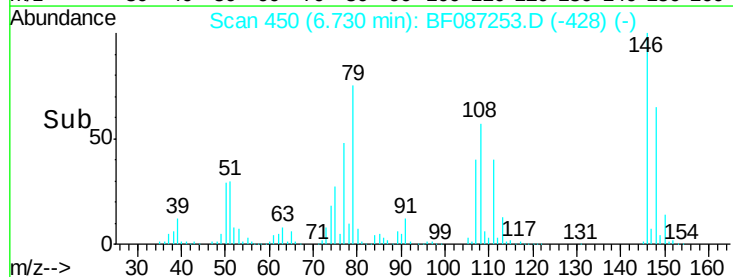
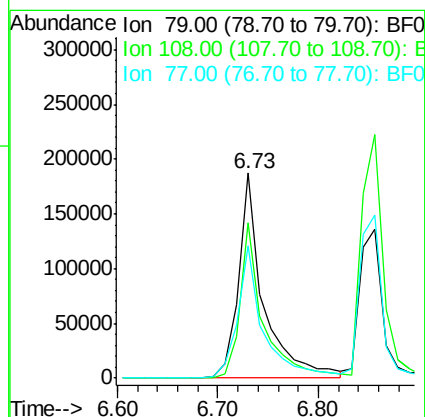
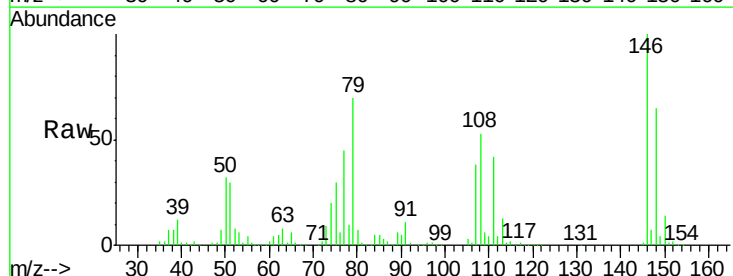
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

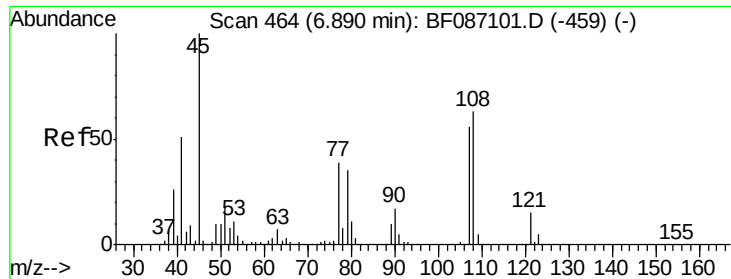
Tot Ion:146 Resp: 333106
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 42.0 36.2 54.4



#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

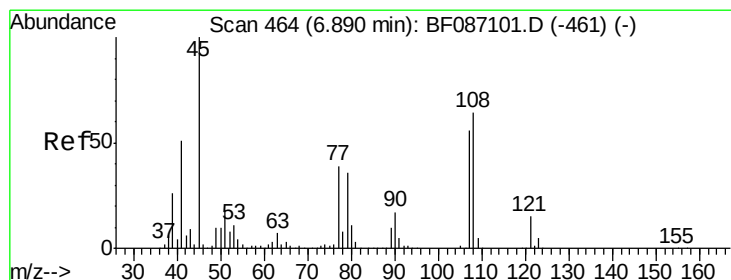
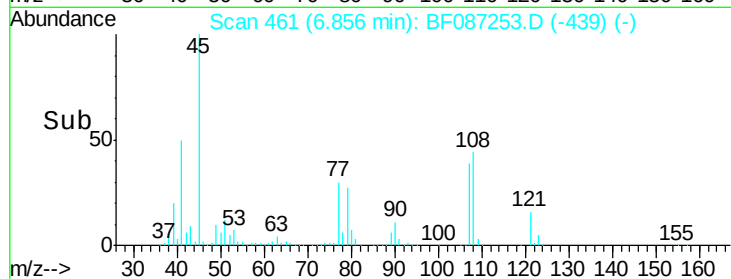
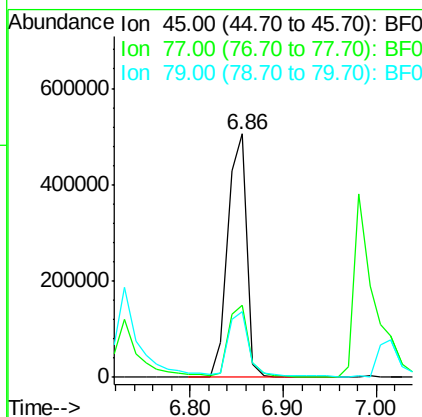
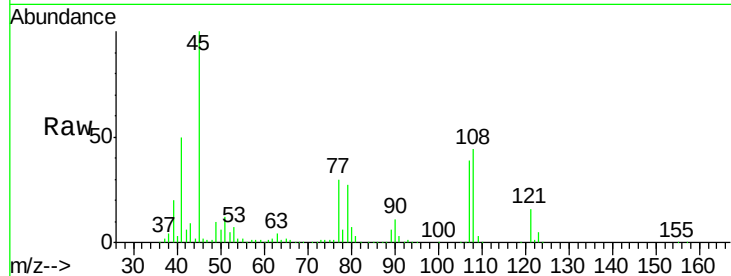




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.55 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

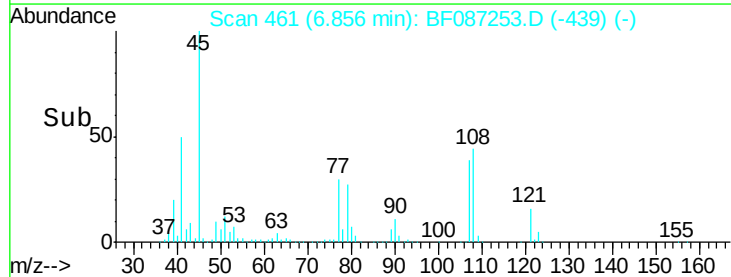
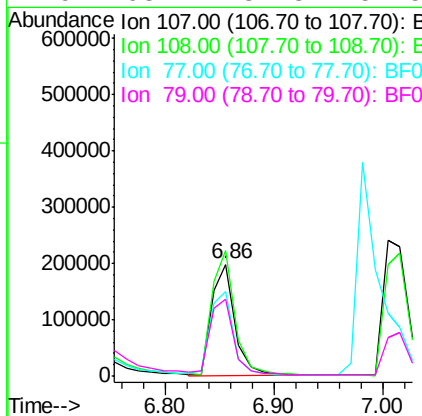
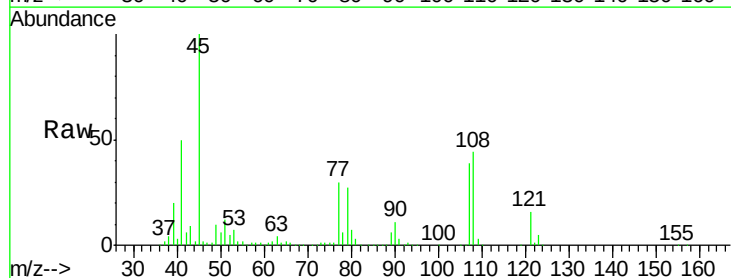
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

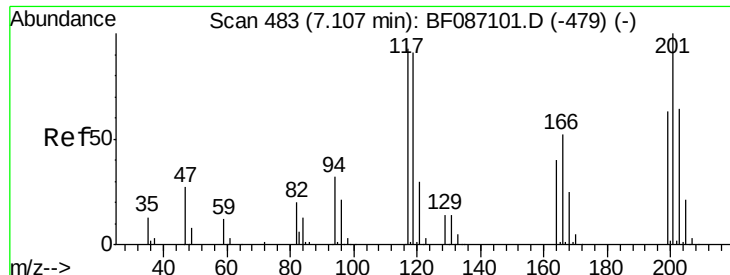
Tot Ion	Ratio	Lower	Upper
45	100		
77	29.5	0.0	36.4
79	26.9	0.0	33.4



#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	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#

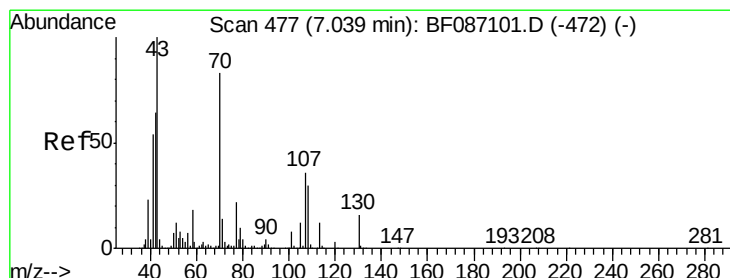
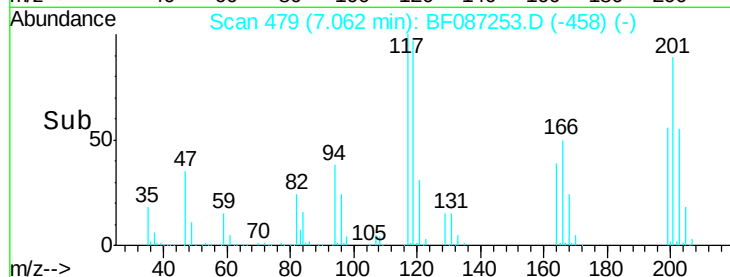
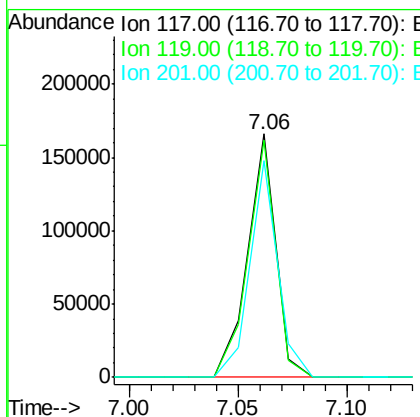
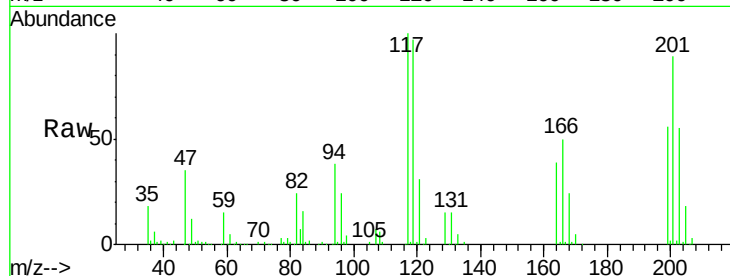




#18
Hexachloroethane
Concen: 39.19 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

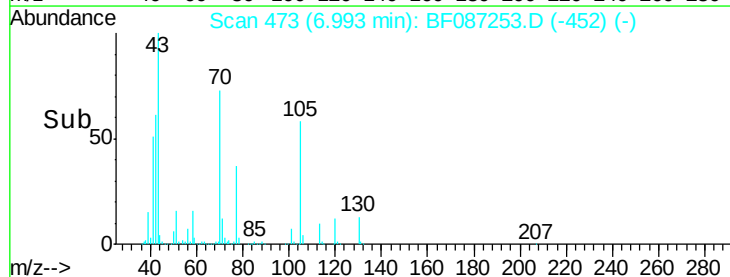
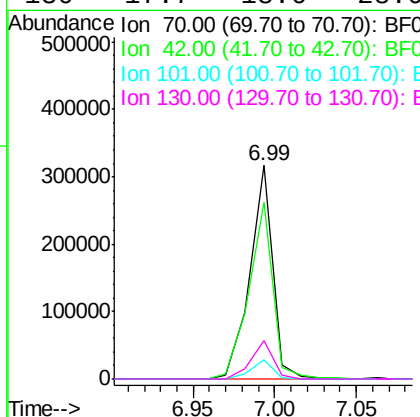
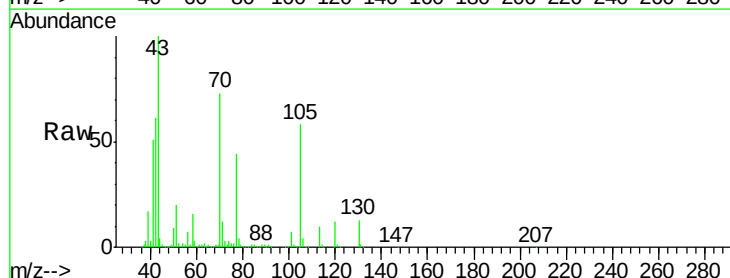
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

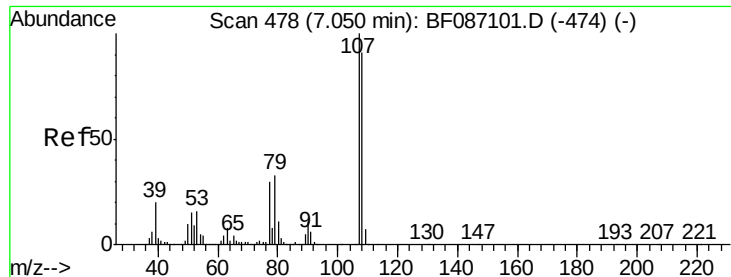
Tot Ion:117 Resp: 148794
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
201 88.8 63.0 94.6



#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

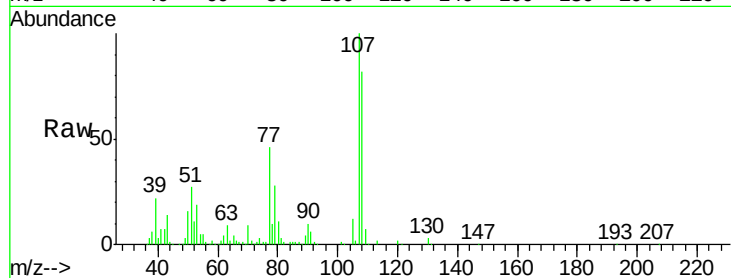
Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tot 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

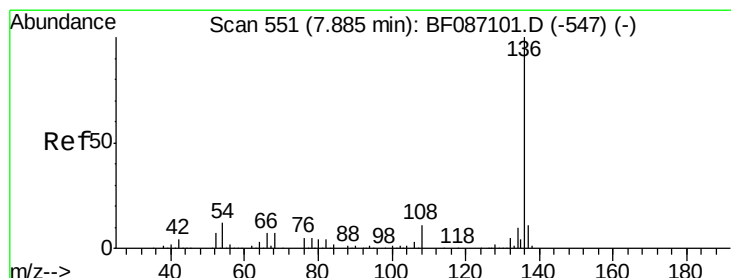
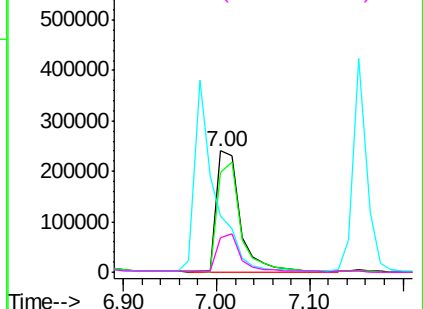
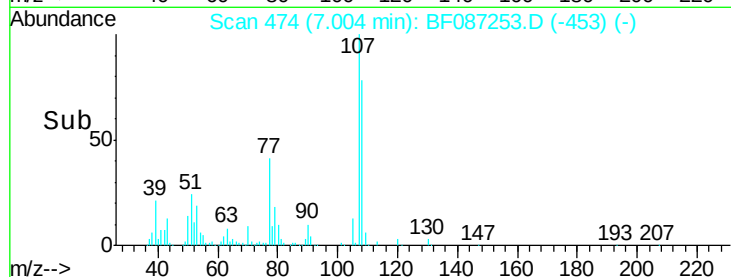


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

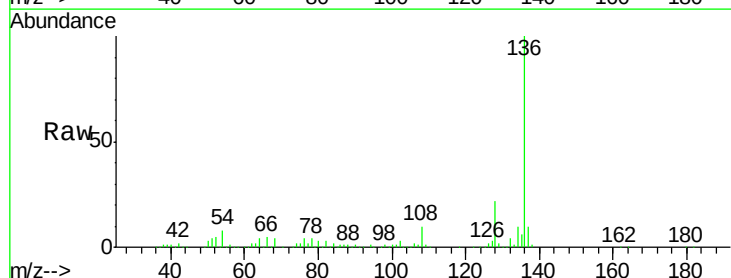
RT: 7.85 min Scan# 548

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

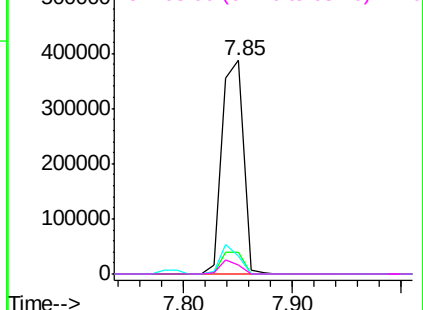
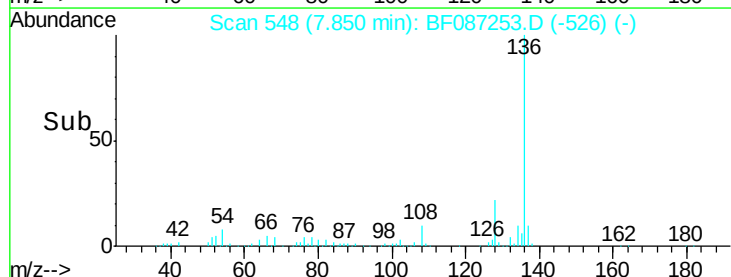


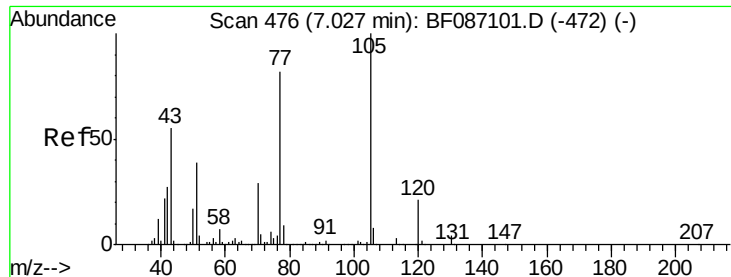
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

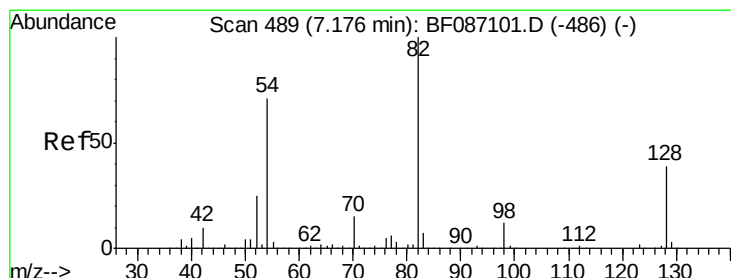
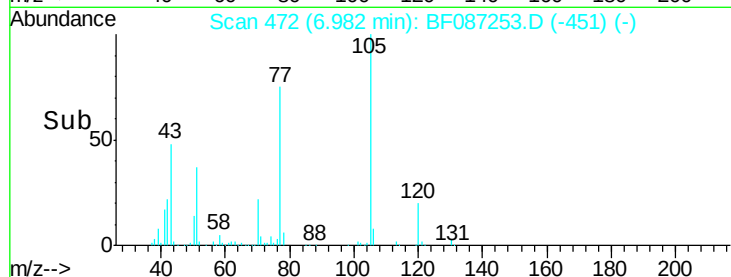
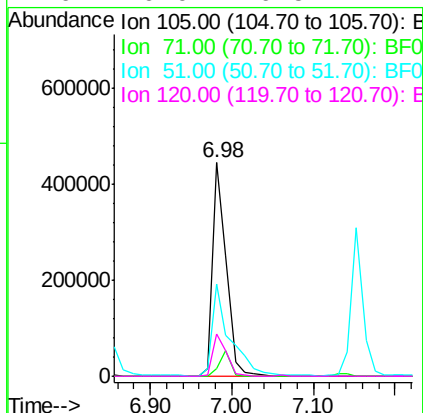
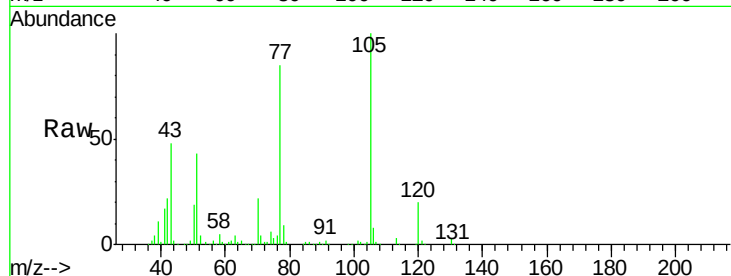




#22
Acetophenone
Concen: 40.77 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

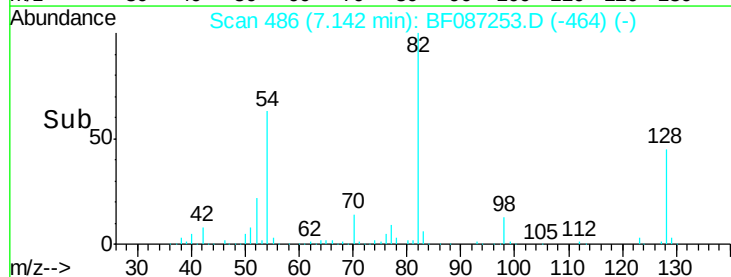
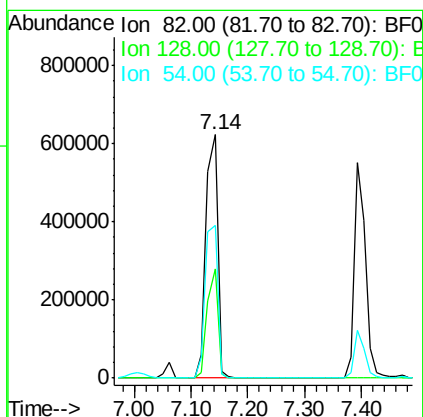
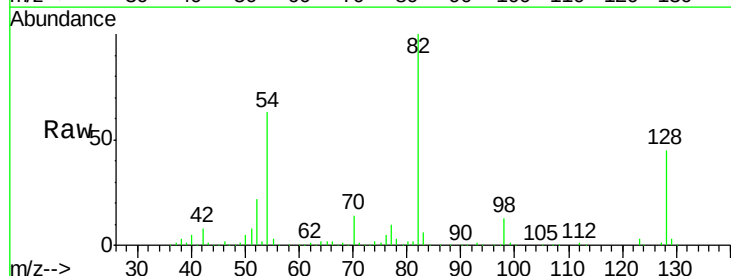
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

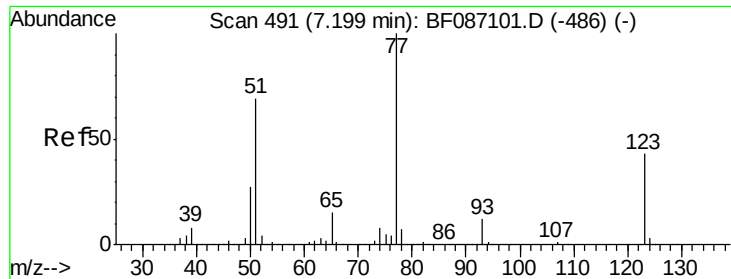
Tot Ion:105 Resp: 525773
Ion Ratio Lower Upper
105 100
71 3.8 4.8 7.2#
51 43.0 32.6 49.0
120 20.0 16.5 24.7



#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#

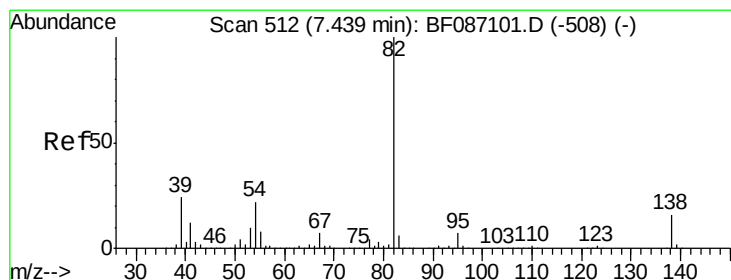
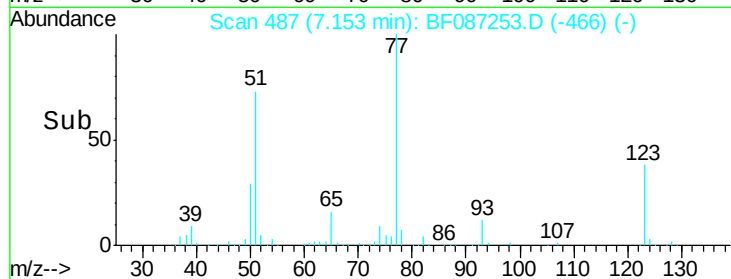
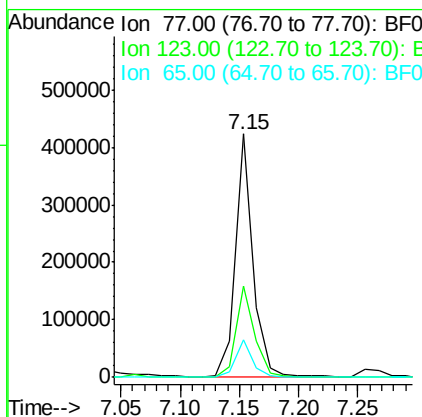
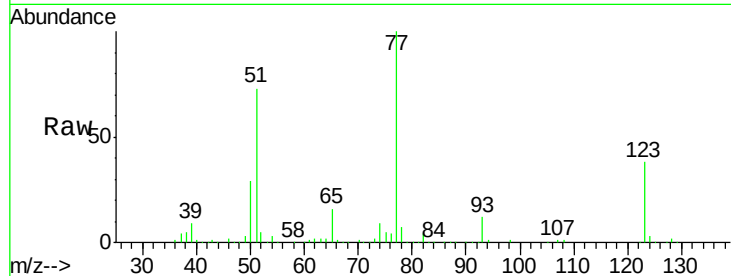




#24
 Nitrobenzene
 Concen: 37.28 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

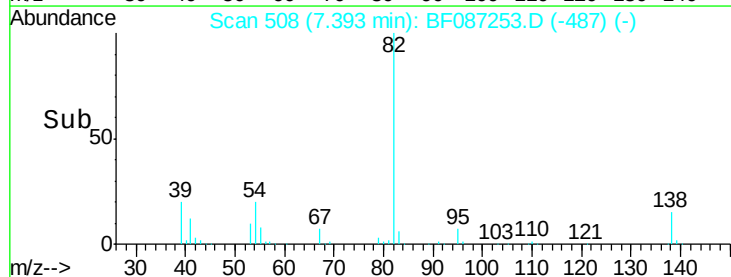
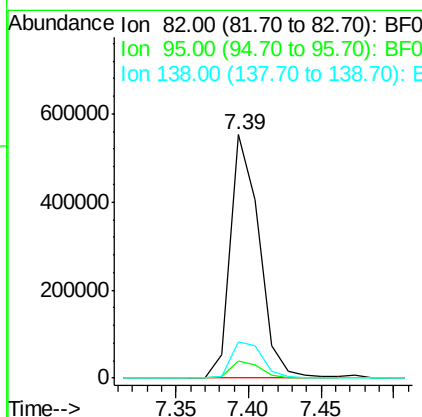
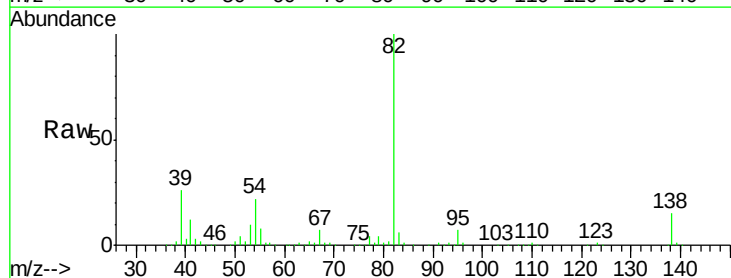
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

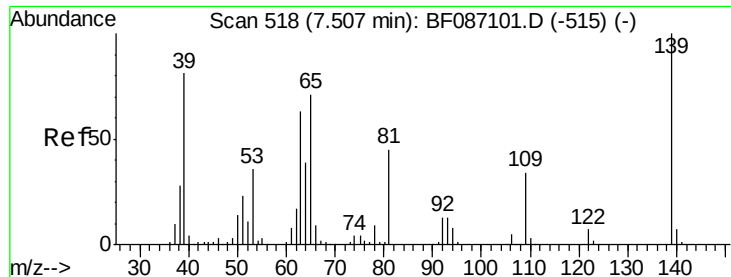
Tot Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.4
65	15.5	10.8	16.2



#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

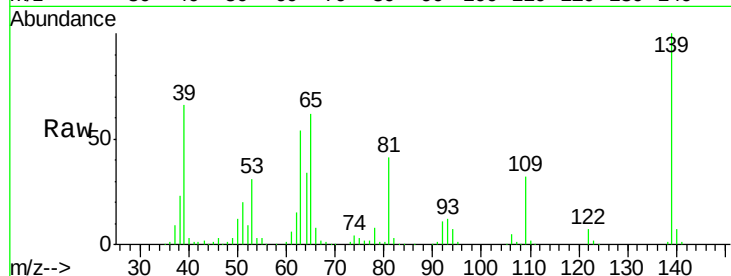




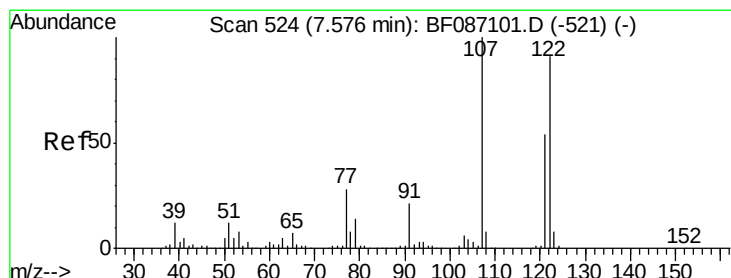
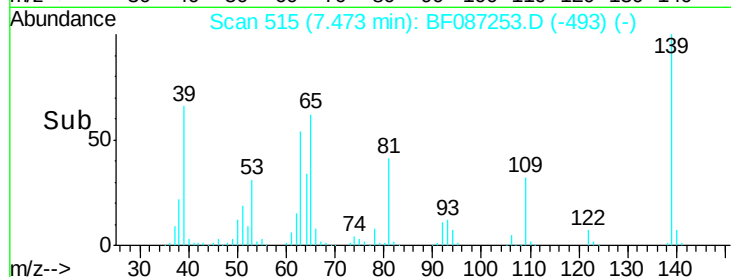
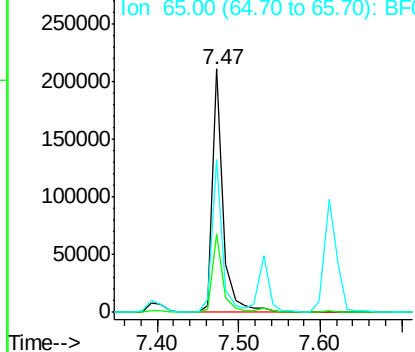
#26
2-Nitrophenol
Concen: 41.09 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

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

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

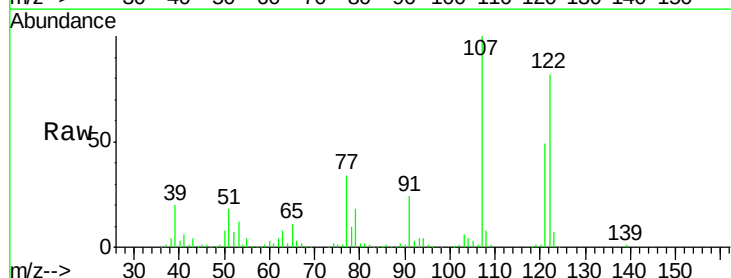


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

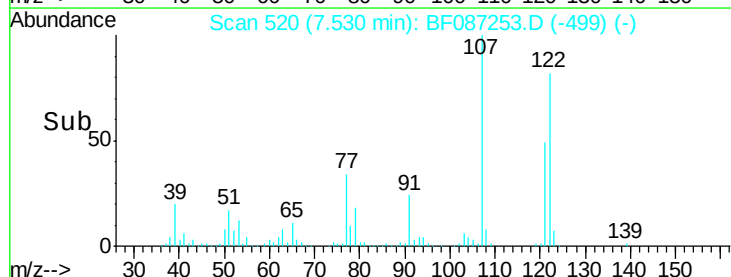
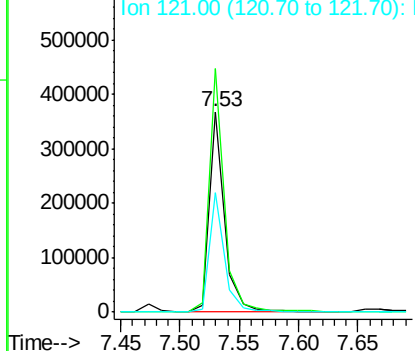


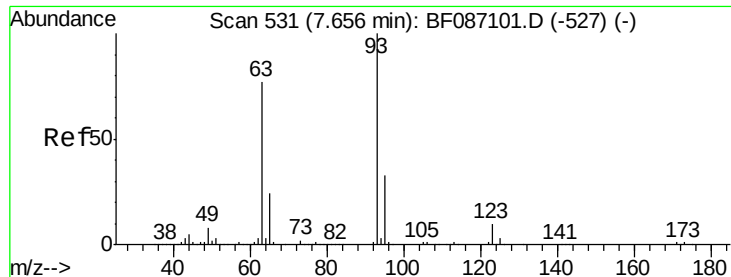
#27
2,4-Dimethylphenol
Concen: 40.18 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

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



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





#28

bis(2-Chloroethoxy)methane

Concen: 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

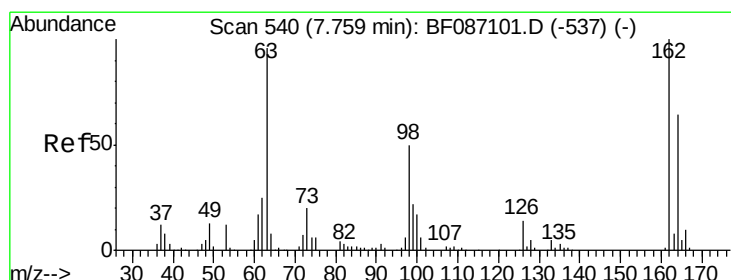
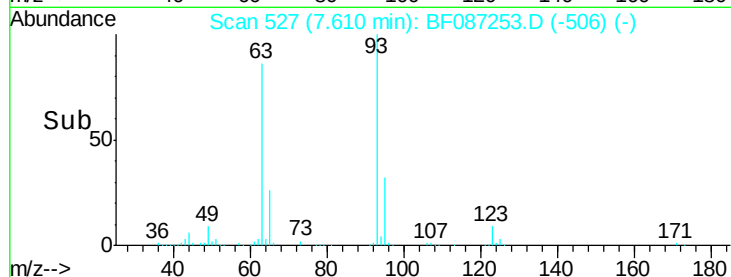
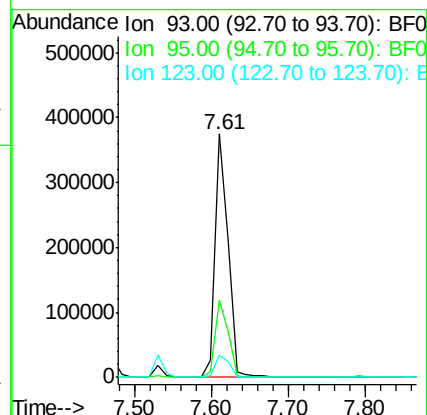
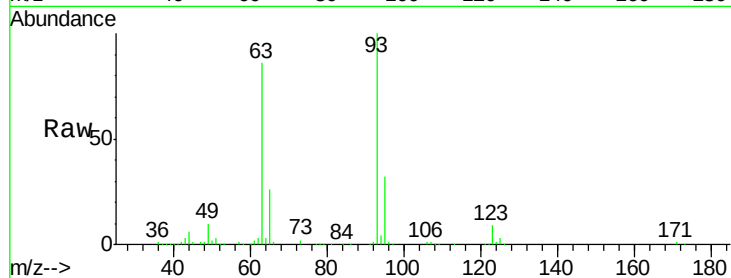
Tot Ion: 93 Resp: 433076

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

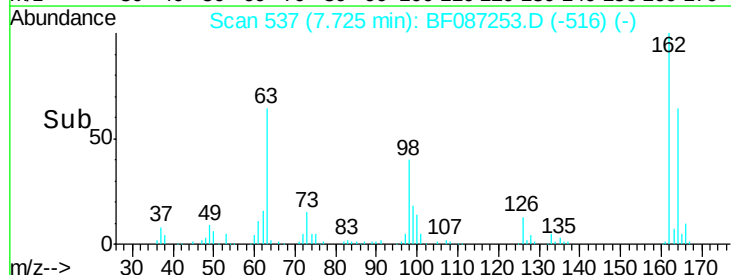
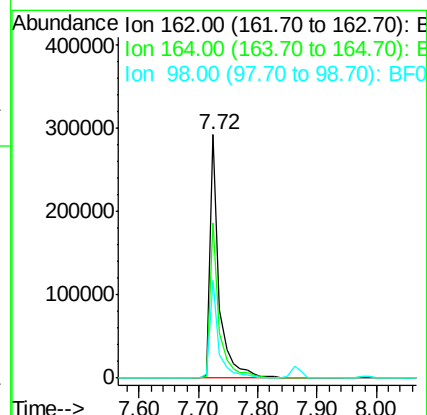
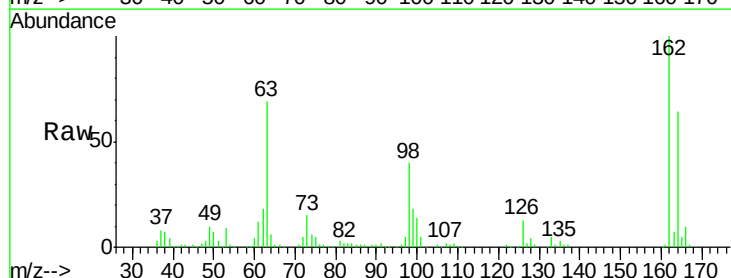
Tgt Ion: 162 Resp: 319942

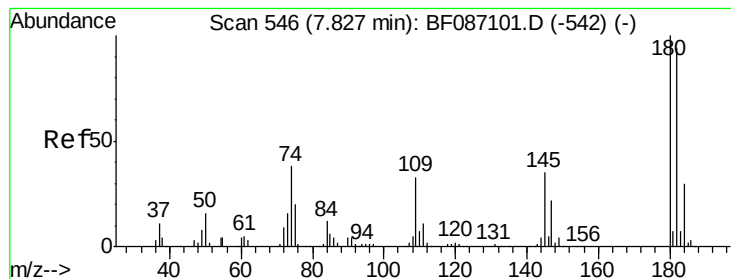
Ion Ratio Lower Upper

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

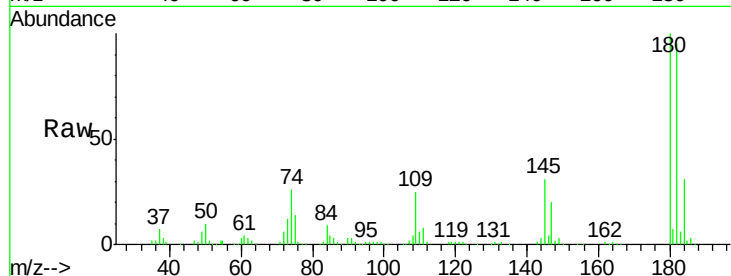
Tot Ion:180 Resp: 330802

Ion Ratio Lower Upper

180 100

182 95.2 78.0 117.0

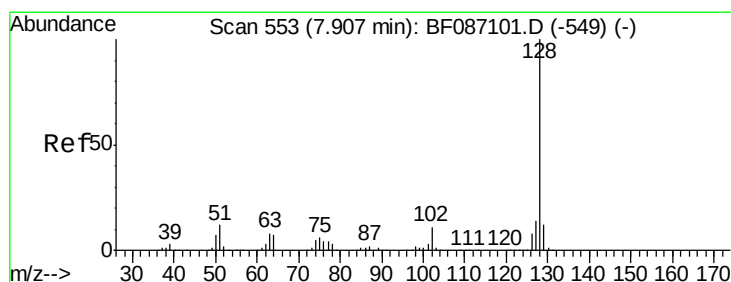
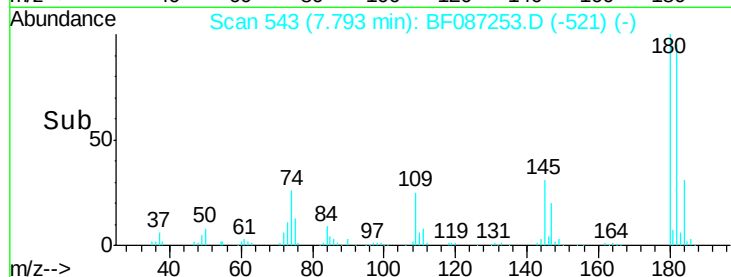
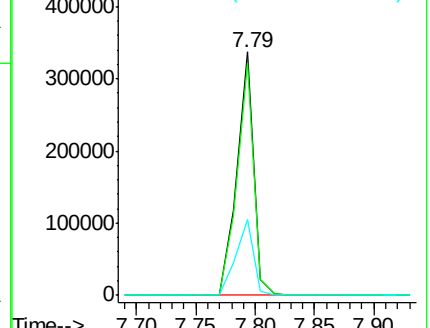
145 31.0 24.2 36.2



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

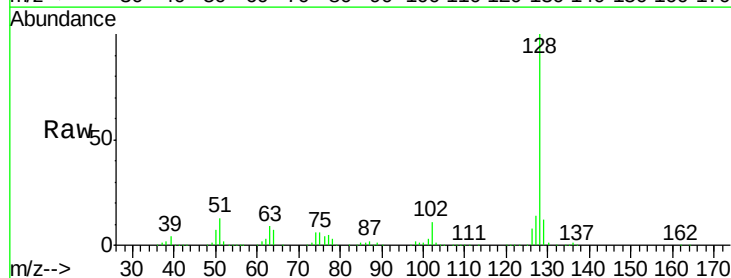
Tgt Ion:128 Resp: 1021642

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

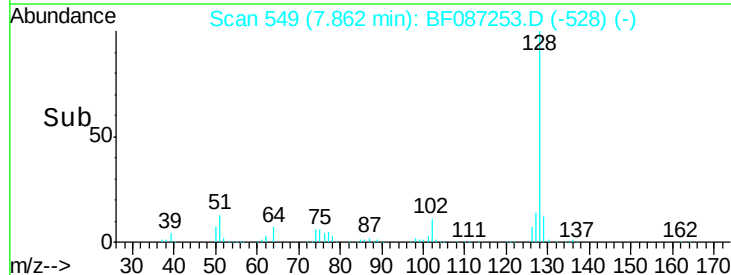
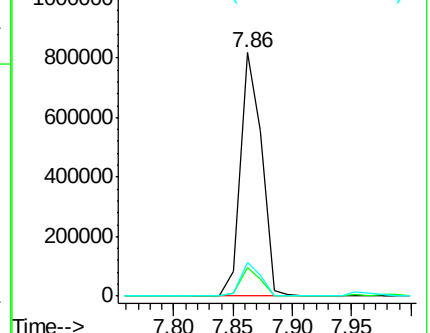
127 13.6 10.8 16.2

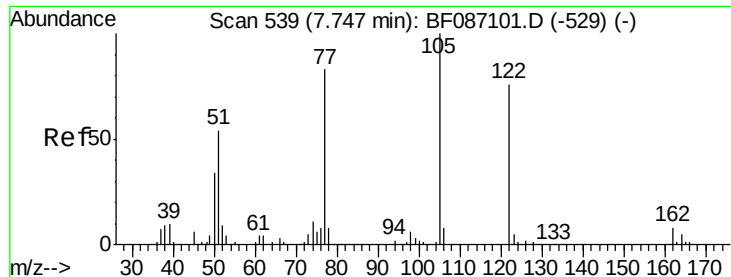


Abundance Ion 128.00 (127.70 to 128.70): E

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

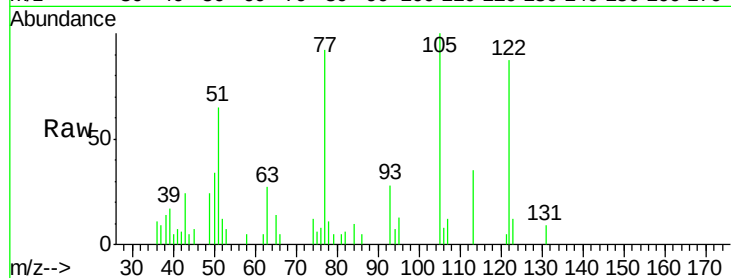
Tot Ion:122 Resp: 14349

Ion Ratio Lower Upper

122 100

105 115.4 92.6 132.6

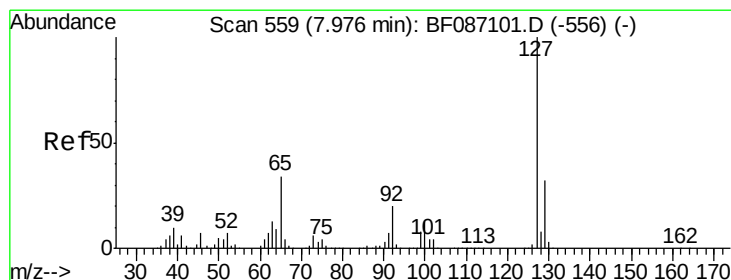
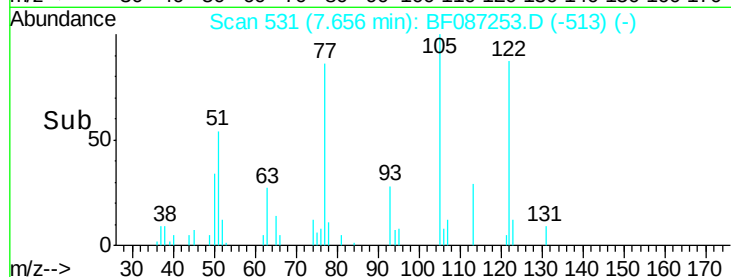
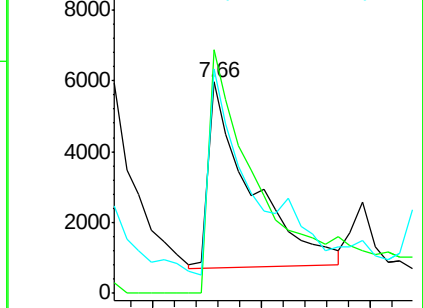
77 106.5 60.0 100.0#



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

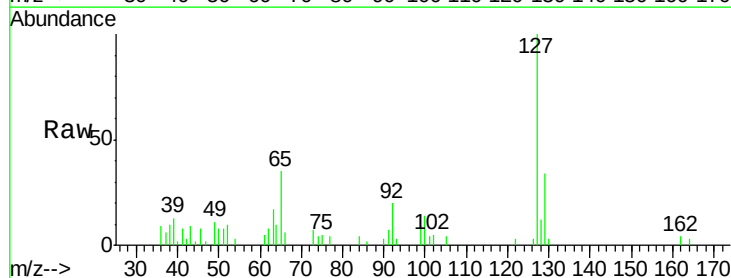
Ion Ratio Lower Upper

127 100

129 33.9 26.2 39.4

65 35.1 23.0 34.4#

92 20.3 15.1 22.7

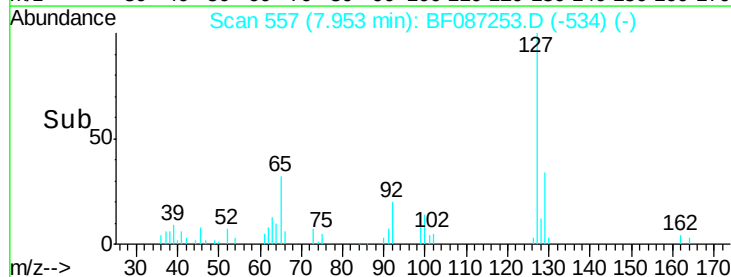
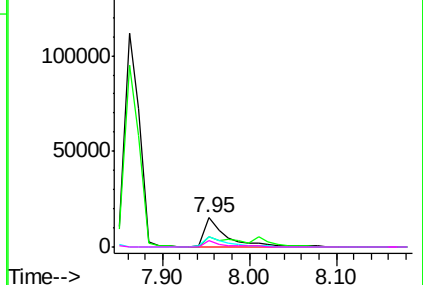


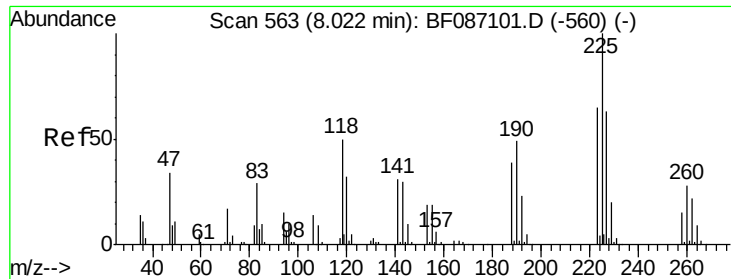
Abundance Ion 127.00 (126.70 to 127.70): E

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

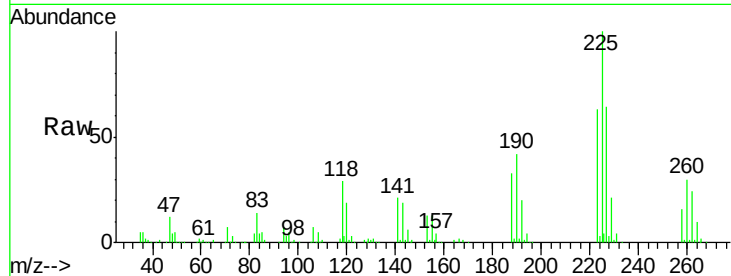




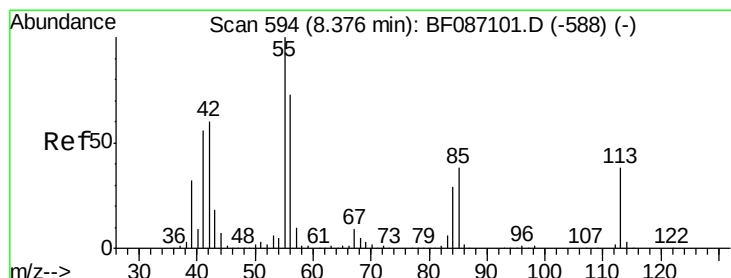
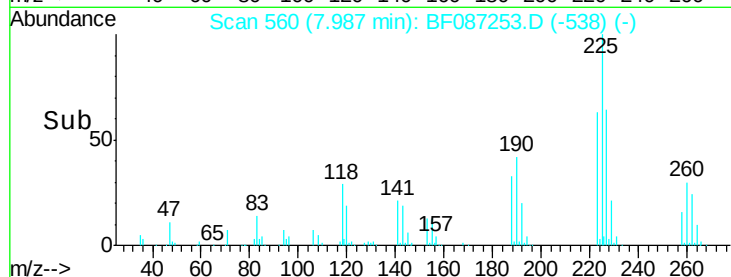
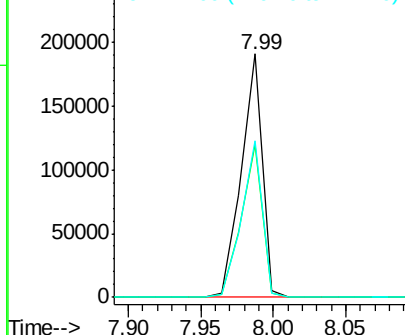
#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

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

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

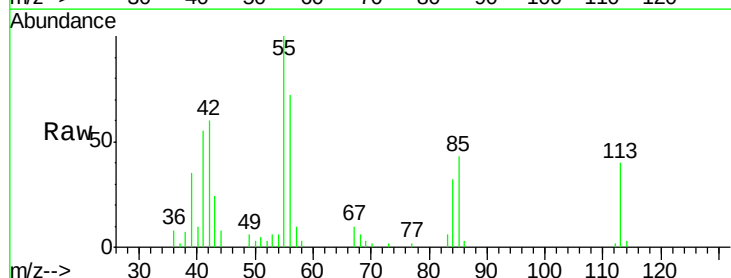


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

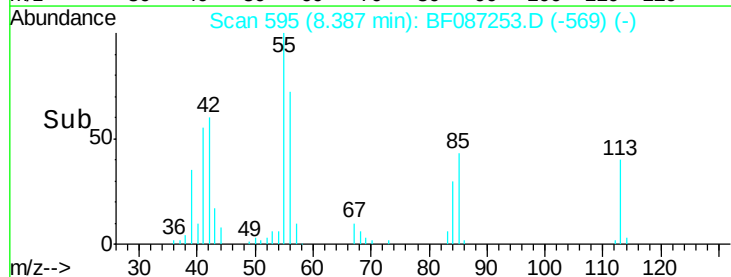
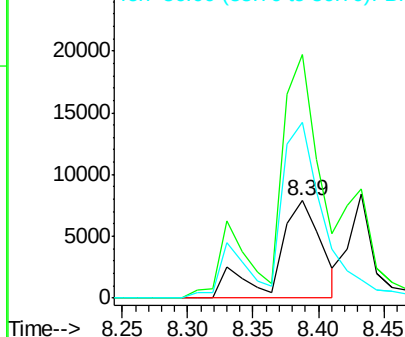


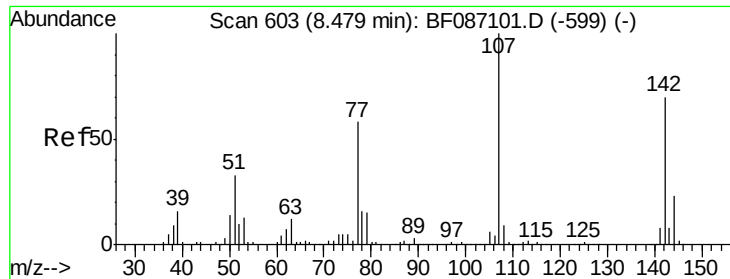
#35
Caprolactam
Concen: 7.80 ng m
RT: 8.39 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:113 Resp: 18667
Ion Ratio Lower Upper
113 100
55 249.9 162.0 202.0#
56 180.2 115.3 155.3#



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

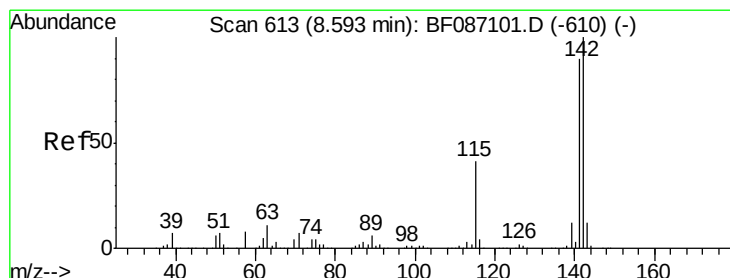
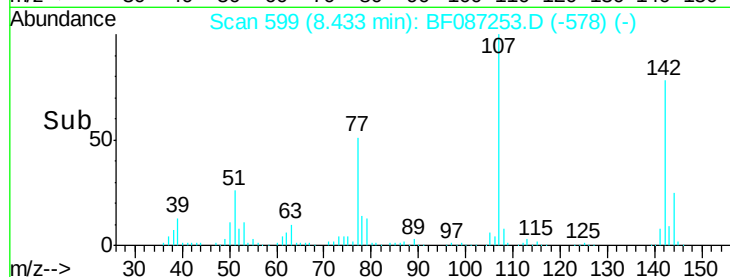
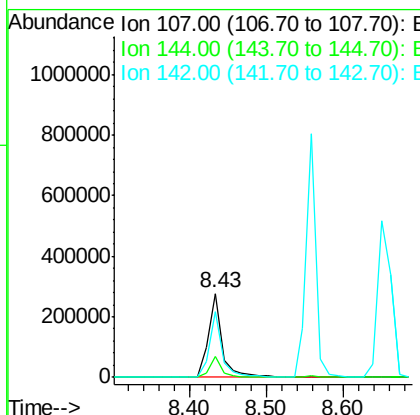
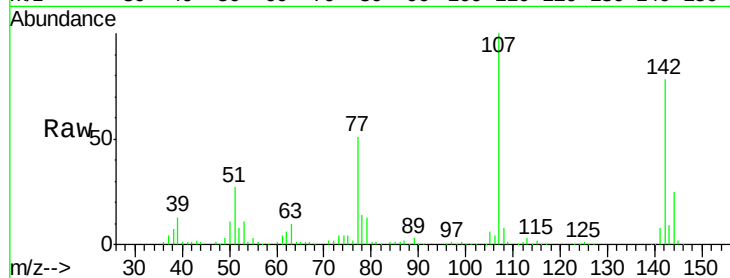




#36
 4-Chloro-3-methylphenol
 Concen: 39.39 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

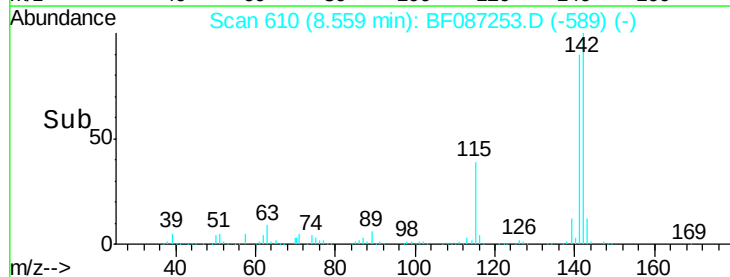
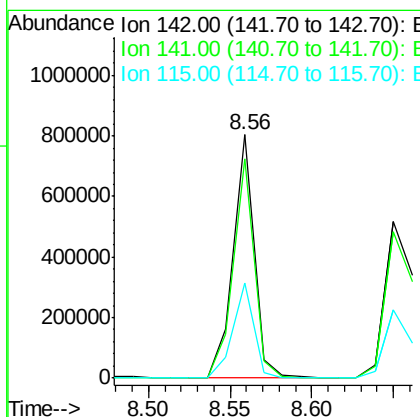
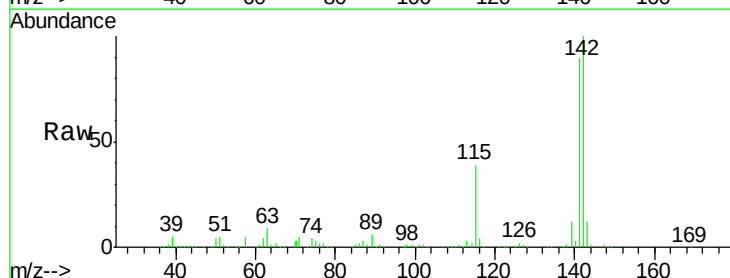
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

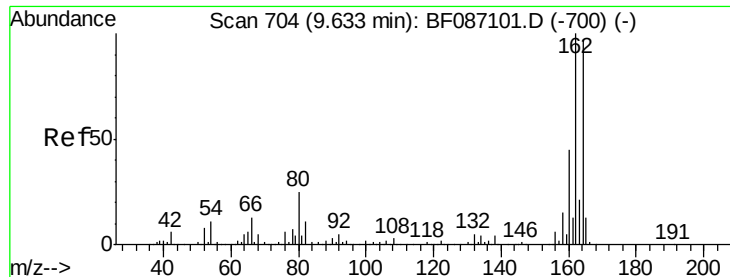
Tot Ion:107 Resp: 341708
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.7 31.1
 142 78.3 63.2 94.8



#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

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

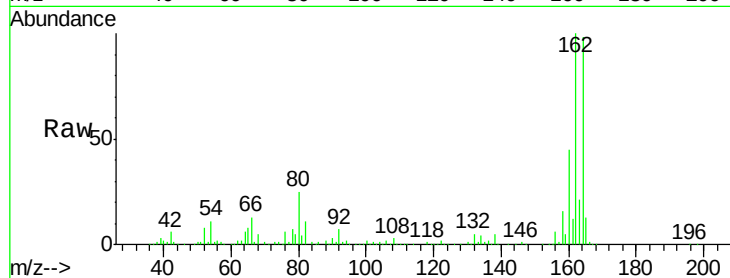
Tot Ion:164 Resp: 259970

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

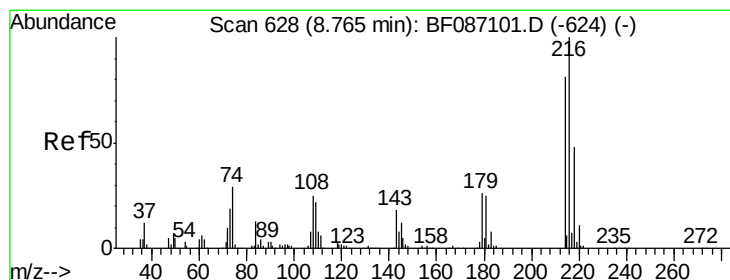
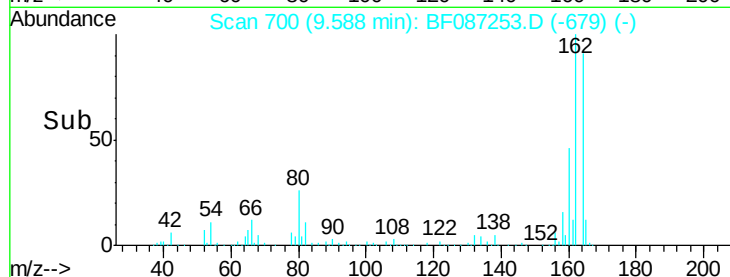
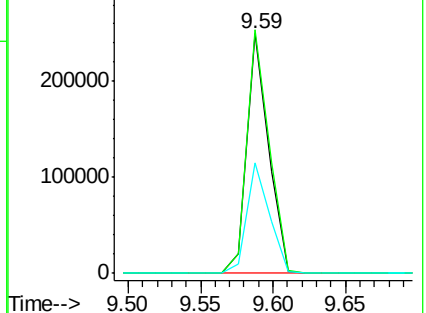
160 46.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 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

Tgt Ion:216 Resp: 306874

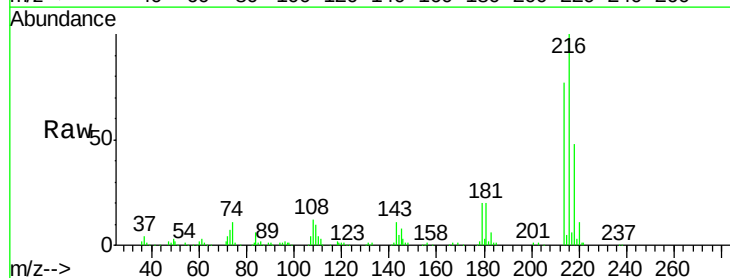
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 23.0 18.2 27.4

108 23.1 17.5 26.3

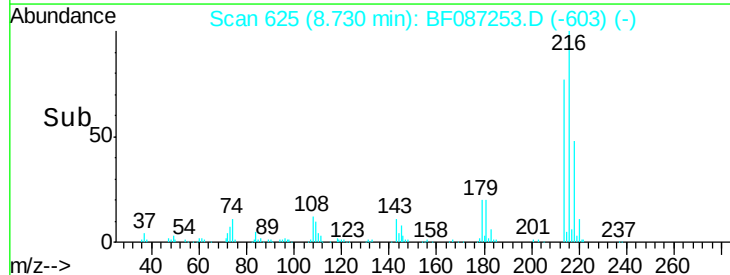
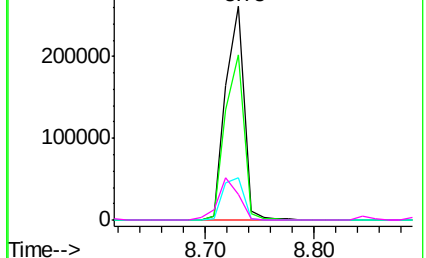


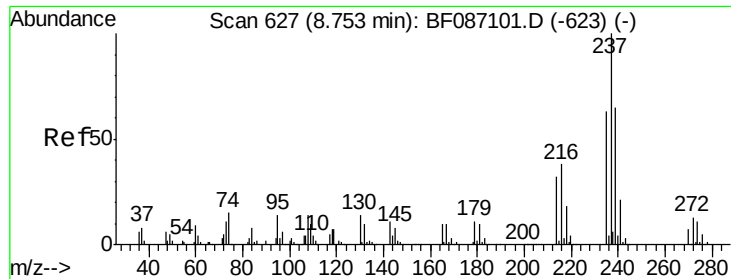
Abundance Ion 216.00 (215.70 to 216.70): E

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

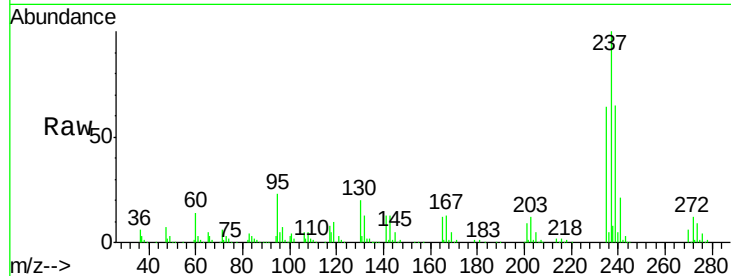




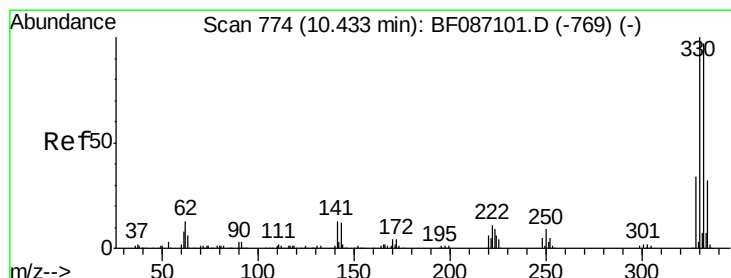
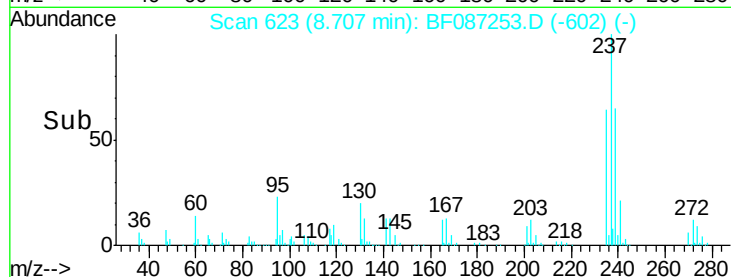
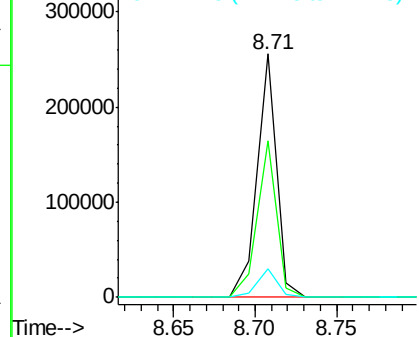
#40
Hexachlorocyclopentadiene
Concen: 73.35 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

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

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

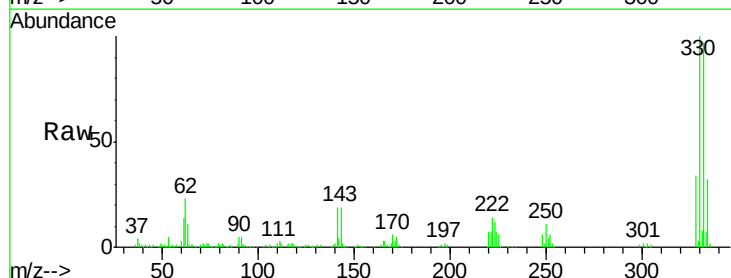


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

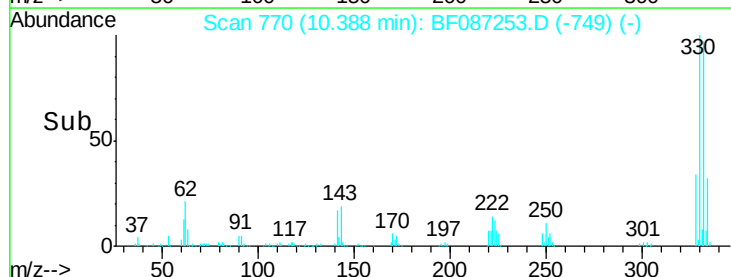
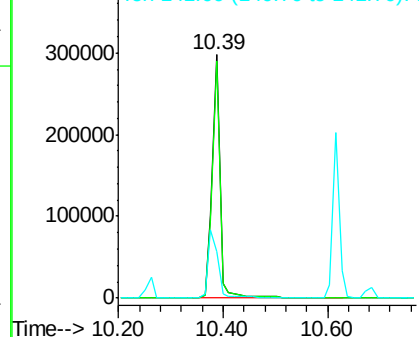


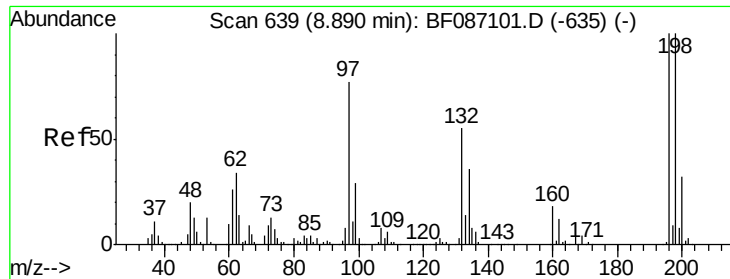
#41
2,4,6-Tribromophenol
Concen: 108.43 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:330 Resp: 311492
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 34.5 31.2 46.8



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

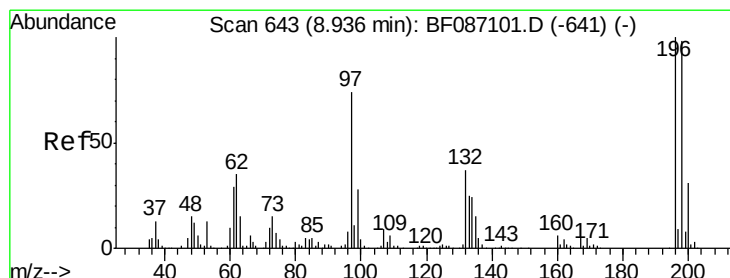
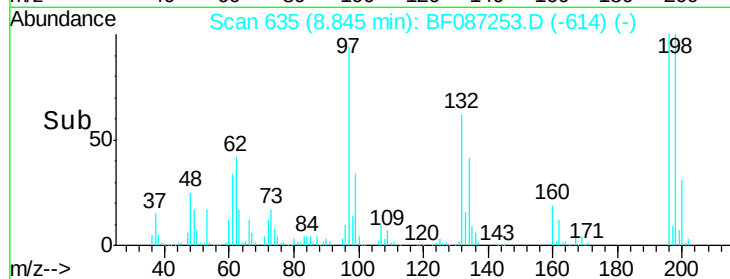
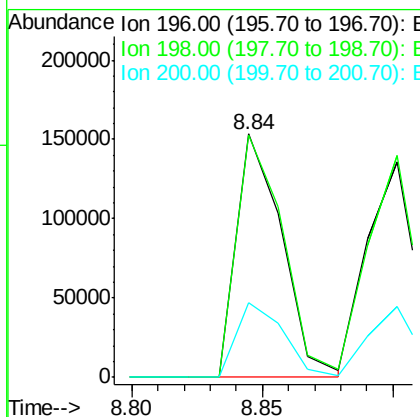
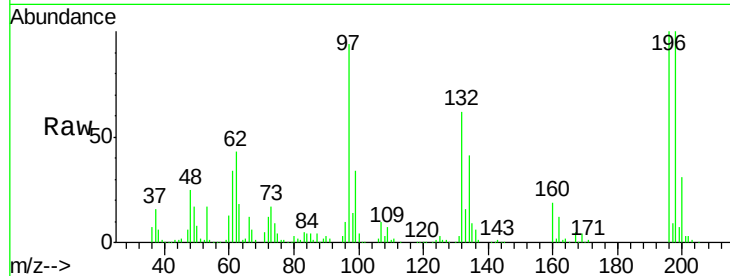




#42
 2,4,6-Trichlorophenol
 Concen: 38.26 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

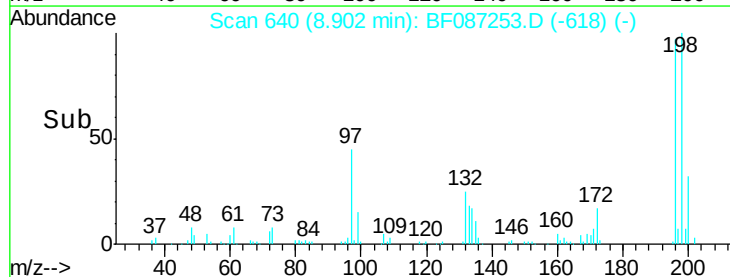
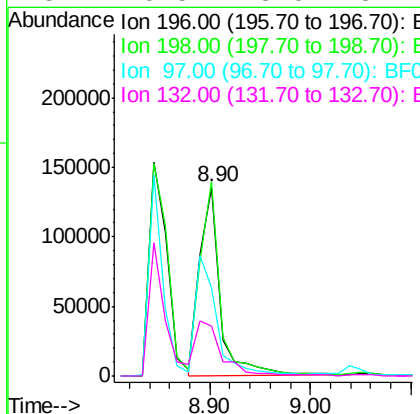
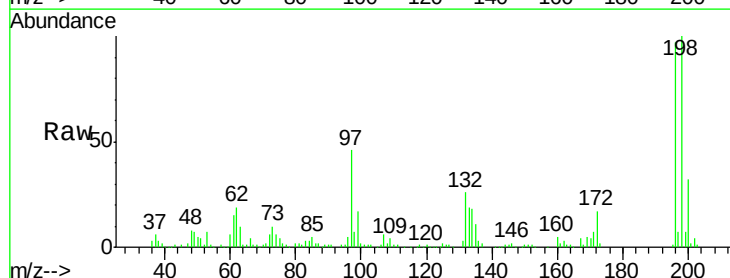
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

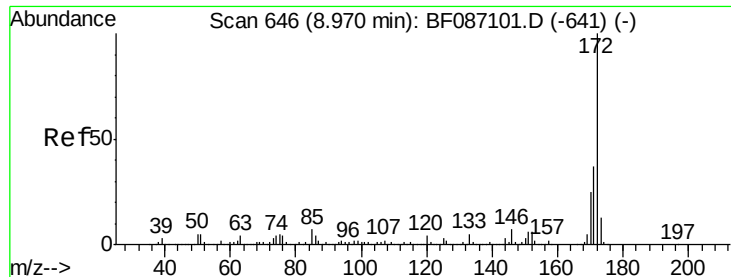
Tot Ion:196 Resp: 188391
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.7 112.1
 200 30.9 23.8 35.6



#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

Tgt Ion:196 Resp: 192054
 Ion Ratio Lower Upper
 196 100
 198 103.4 77.5 116.3
 97 47.2 34.8 52.2
 132 26.5 23.0 34.4





#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

Instrument :

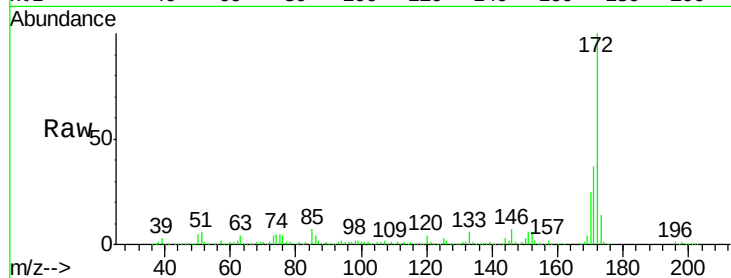
BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tot Ion:172 Resp: 1305380

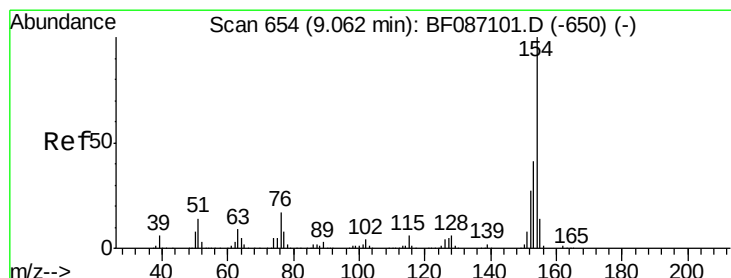
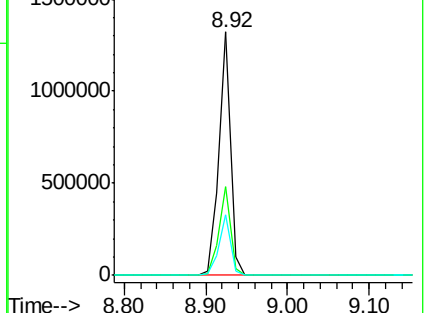
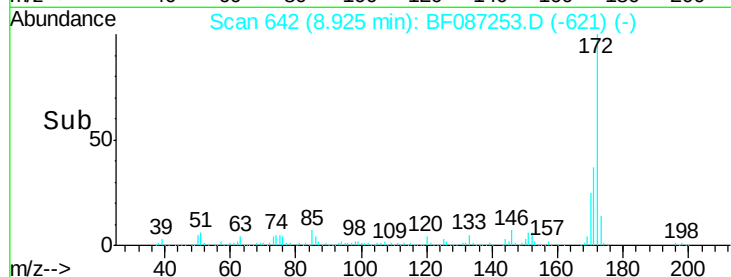
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.7	19.8	29.8



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

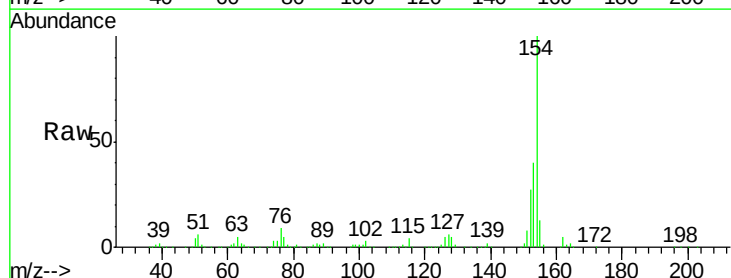
Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

Tgt Ion:154 Resp: 884580

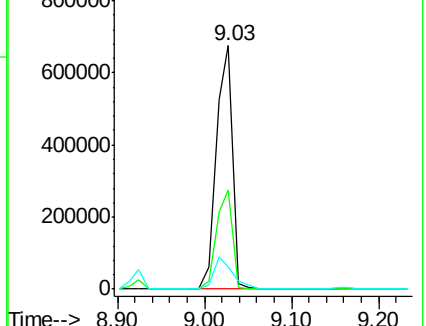
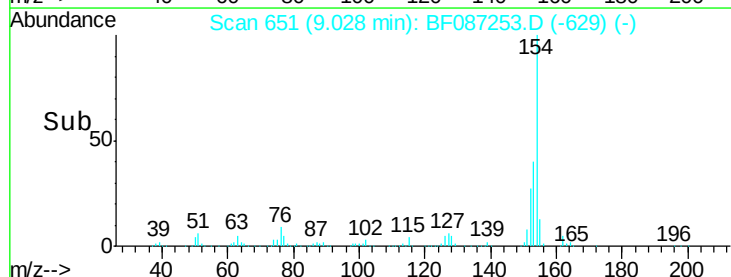
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	9.1	0.0	30.2

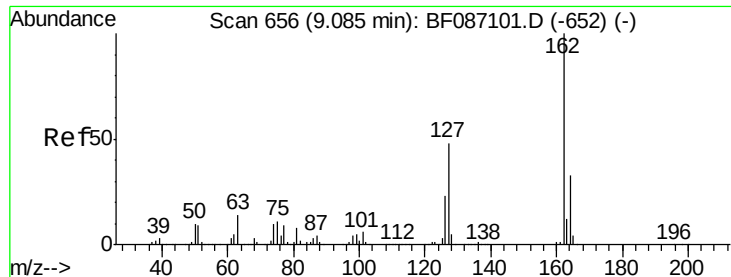


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

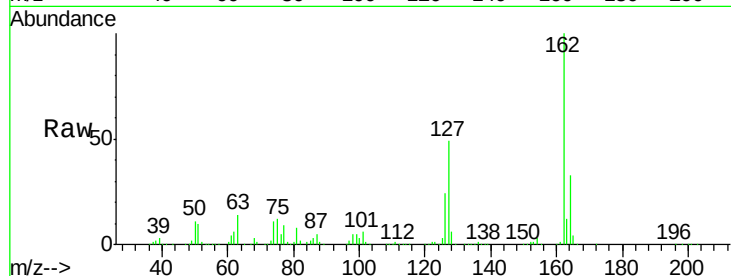
Tot Ion:162 Resp: 652300

Ion Ratio Lower Upper

162 100

127 48.7 31.8 47.6#

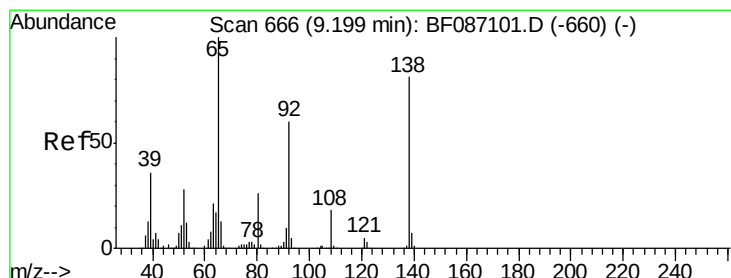
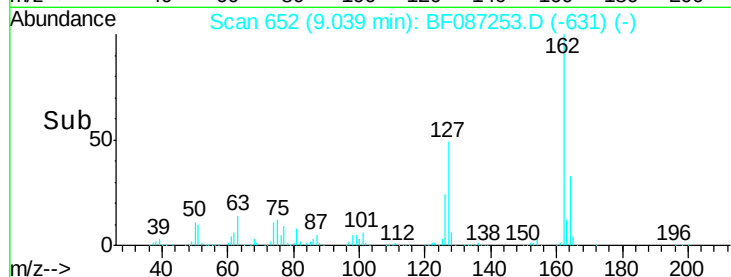
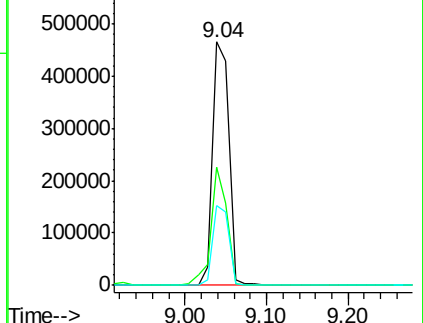
164 32.9 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 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

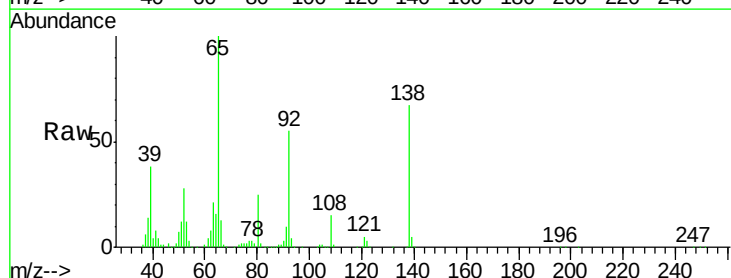
Tgt Ion: 65 Resp: 244575

Ion Ratio Lower Upper

65 100

92 55.2 57.4 86.2#

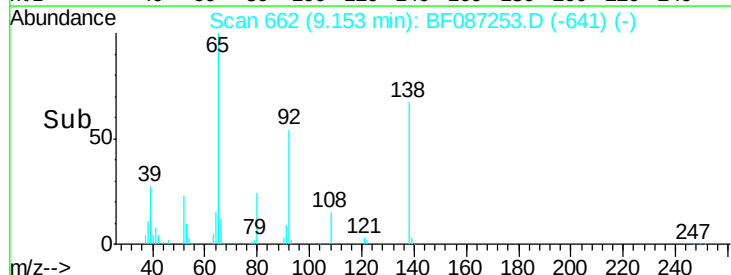
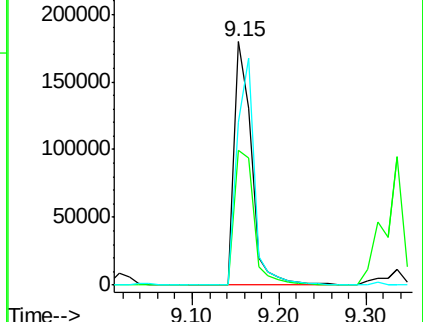
138 66.7 90.1 135.1#

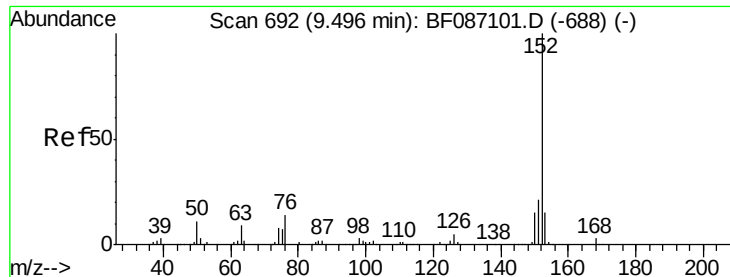


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

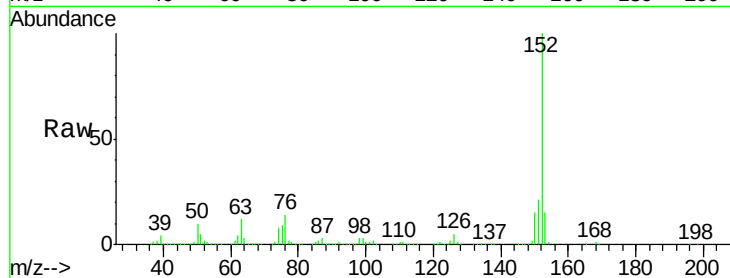
Tot Ion:152 Resp: 947394

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

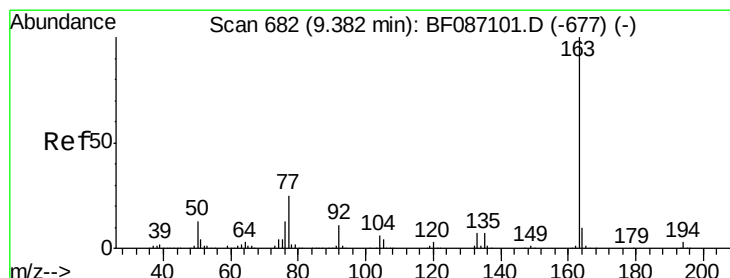
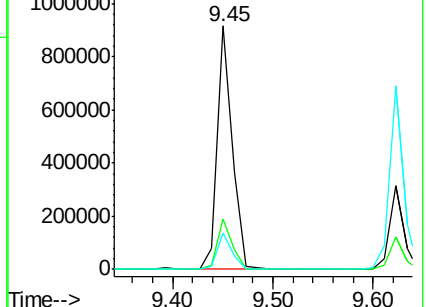
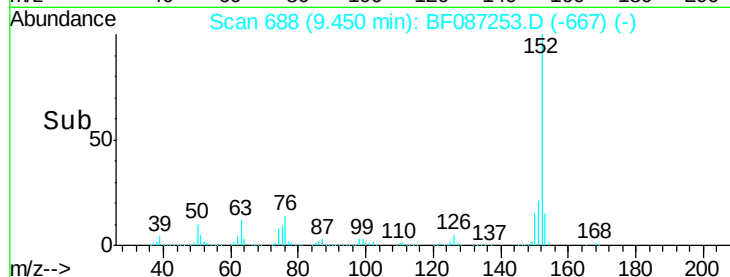
153 14.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 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

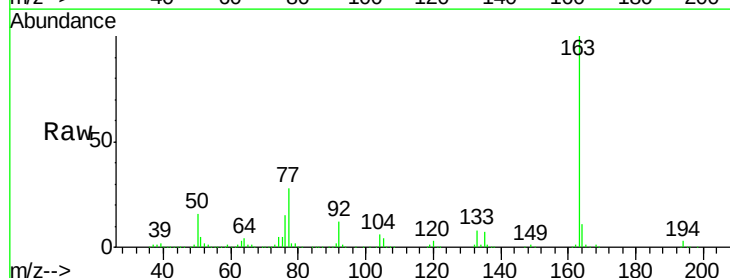
Tgt Ion:163 Resp: 881743

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

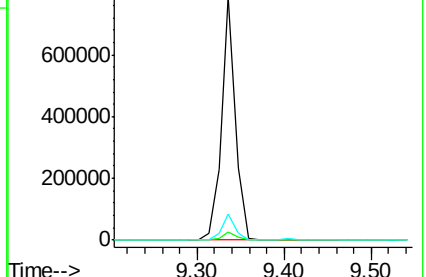
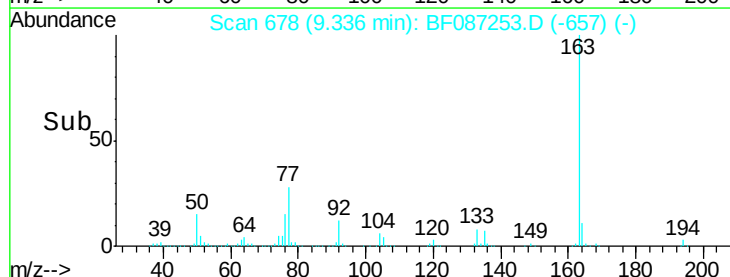
164 10.8 8.2 12.4

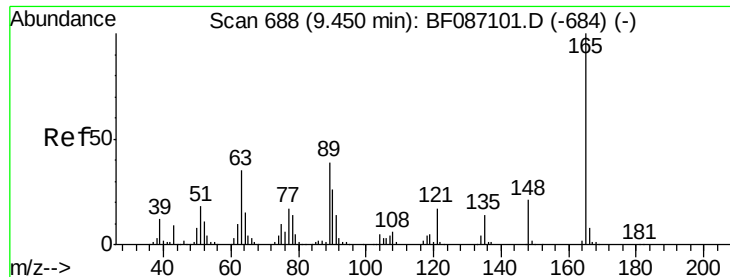


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

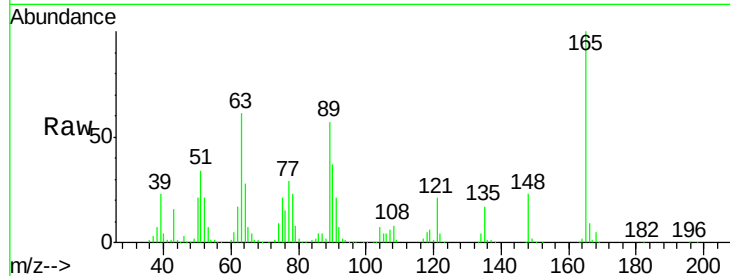




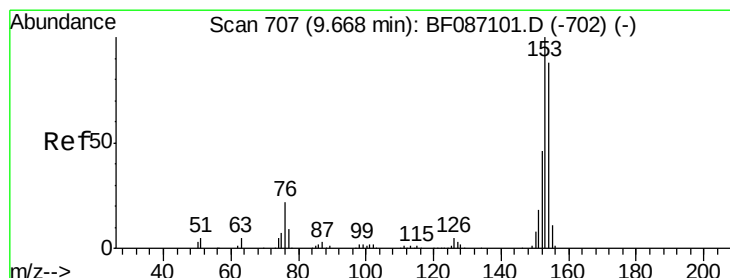
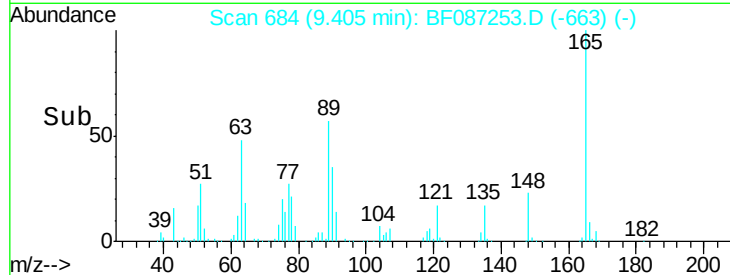
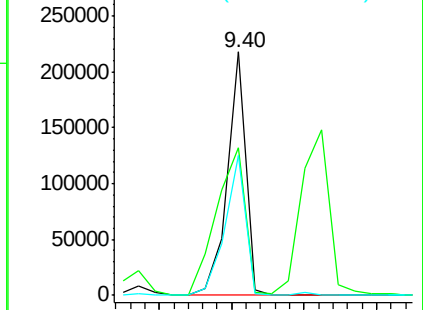
#50
 2,6-Dinitrotoluene
 Concen: 44.76 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

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

Tot Ion:165 Resp: 192731
 Ion Ratio Lower Upper
 165 100
 63 60.8 51.8 77.8
 89 57.4 50.7 76.1

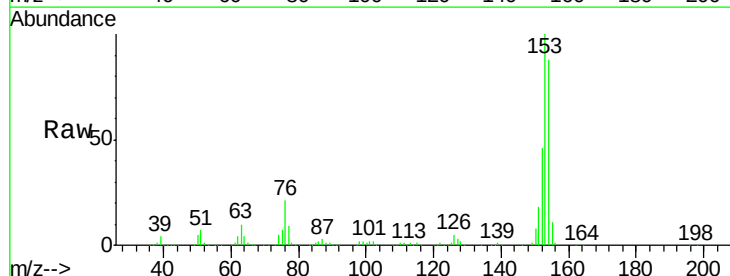


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

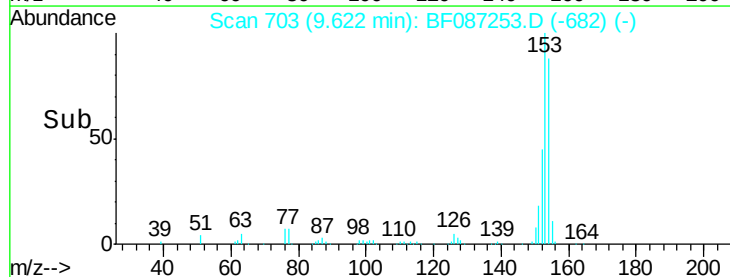
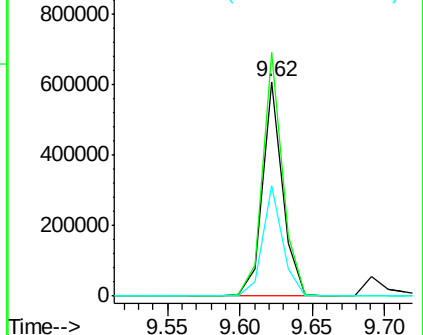


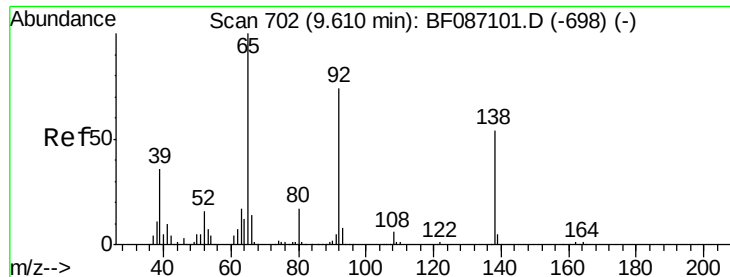
#51
 Acenaphthene
 Concen: 36.89 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

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

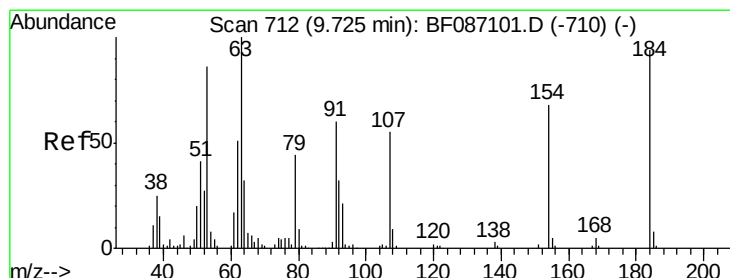
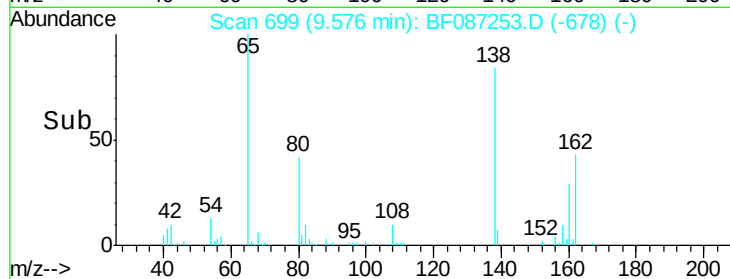
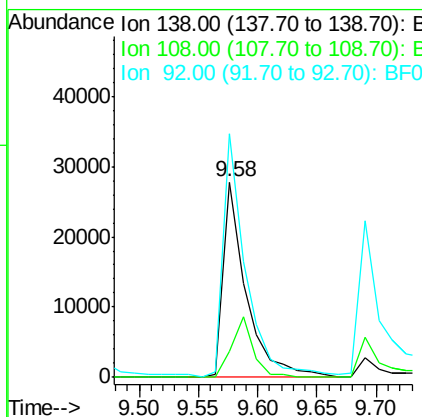
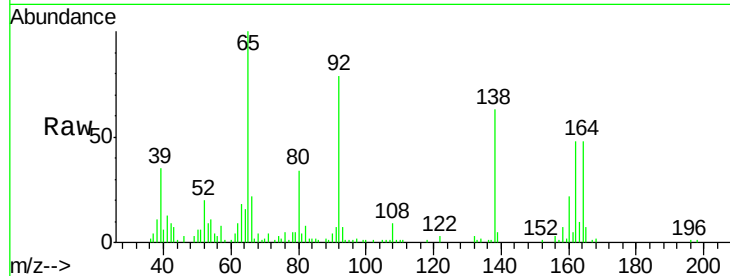




#52
 3-Nitroaniline
 Concen: 7.98 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

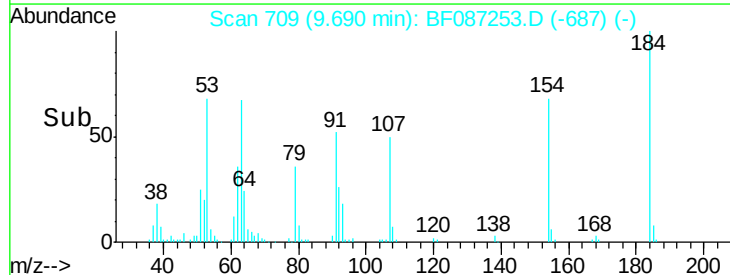
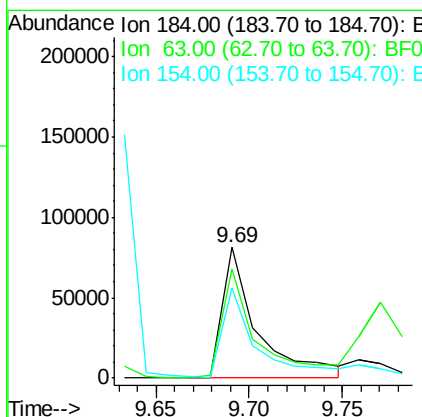
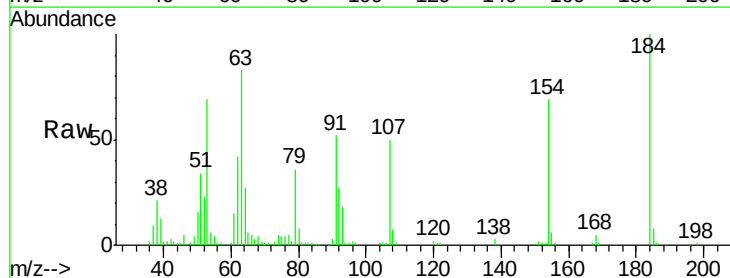
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

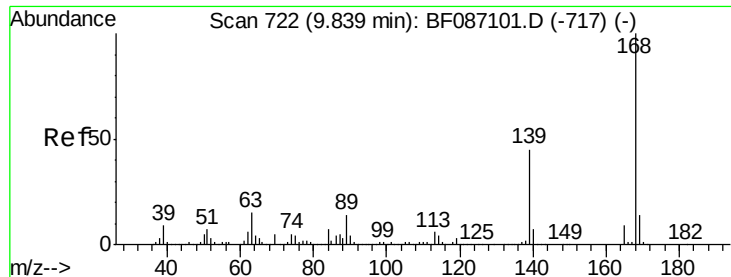
Tot Ion:138 Resp: 37206
 Ion Ratio Lower Upper
 138 100
 108 13.5 7.8 11.6#
 92 124.8 87.8 131.8



#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

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

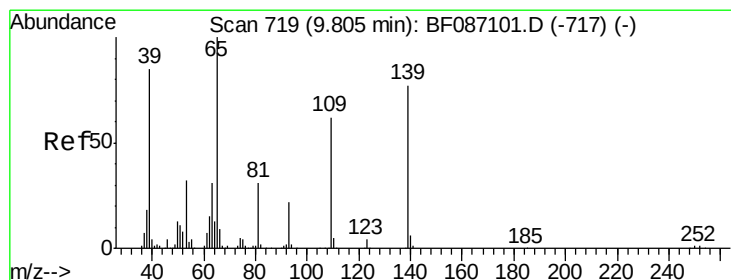
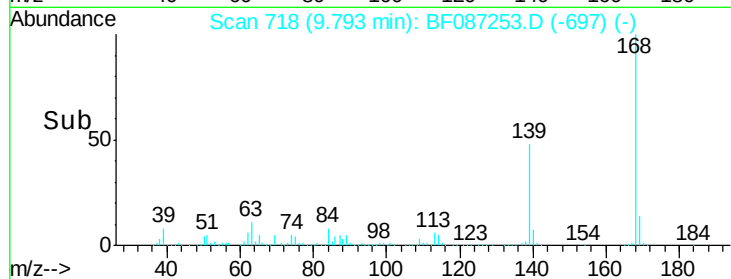
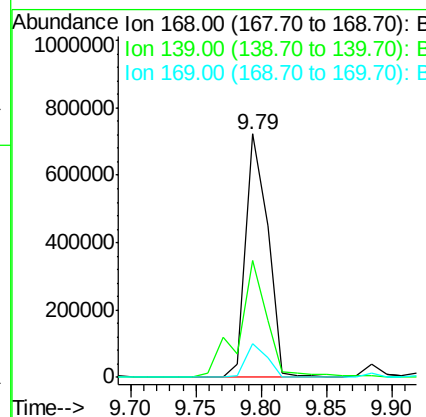
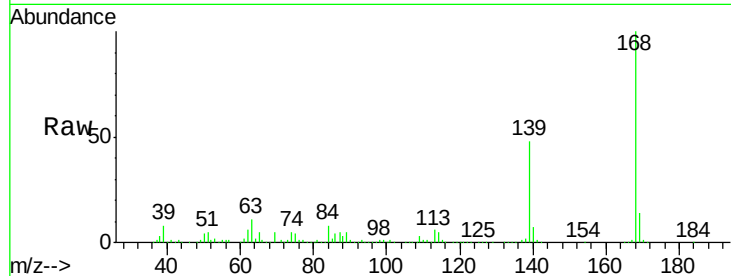




#54
Dibenzofuran
Concen: 41.46 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

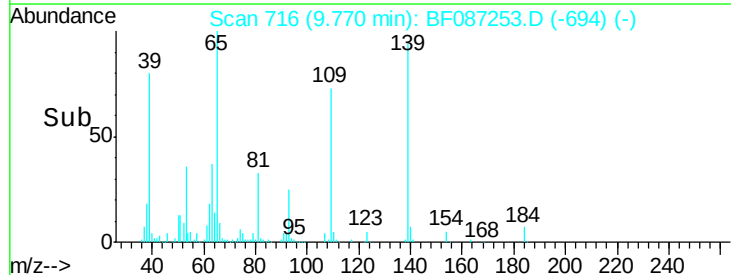
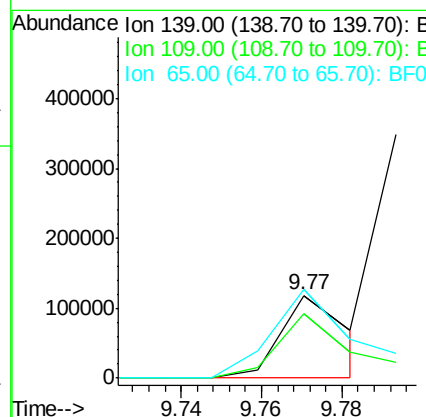
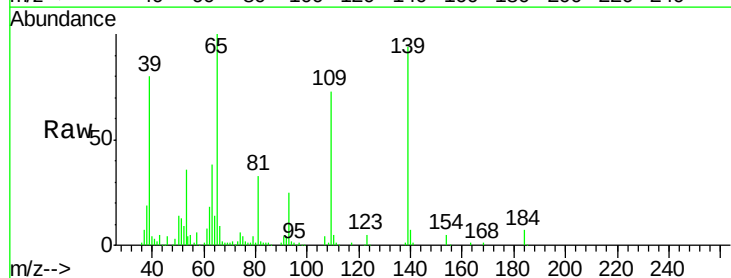
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

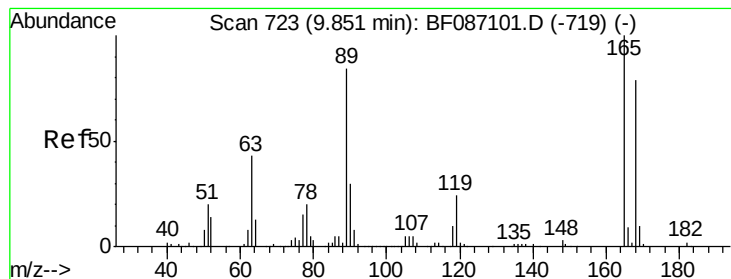
Tot Ion:168 Resp: 846354
Ion Ratio Lower Upper
168 100
139 48.2 31.4 47.0#
169 13.9 10.7 16.1



#55
4-Nitrophenol
Concen: 52.21 ng m
RT: 9.77 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:139 Resp: 136301
Ion Ratio Lower Upper
139 100
109 77.7 36.9 76.9#
65 106.6 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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tot Ion:165 Resp: 211441

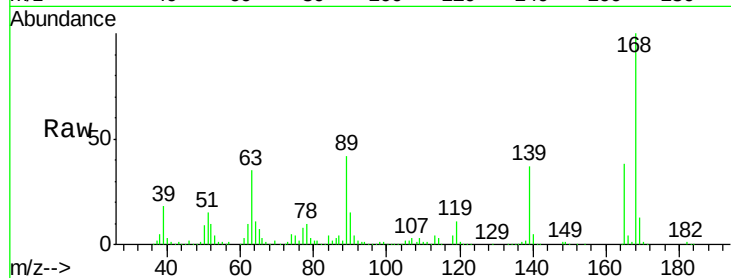
Ion Ratio Lower Upper

165 100

63 91.2 44.3 66.5#

89 109.4 70.0 105.0#

182 2.2 1.8 2.6

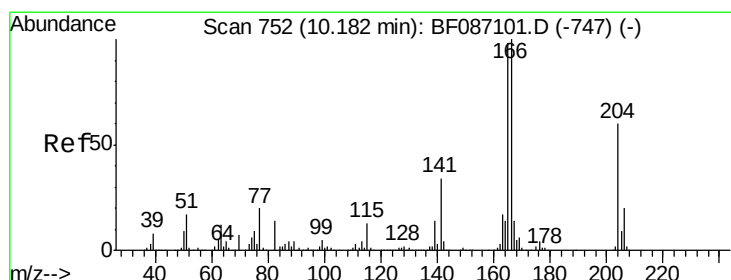
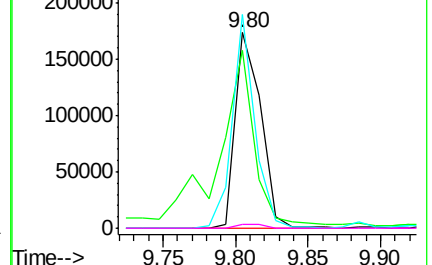
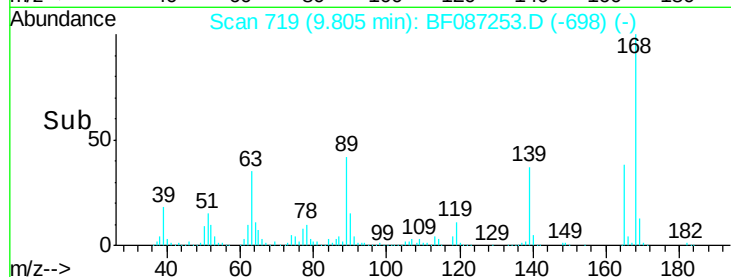


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 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

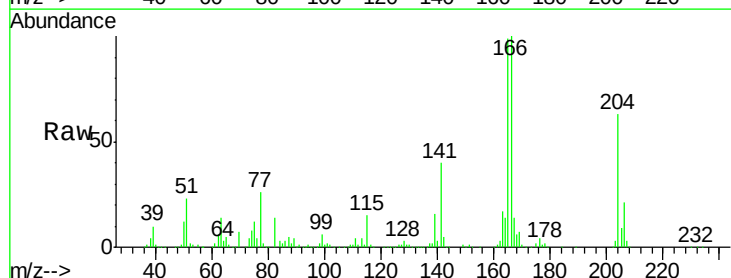
Tgt Ion:166 Resp: 621366

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

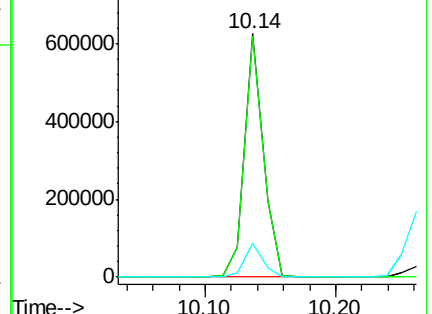
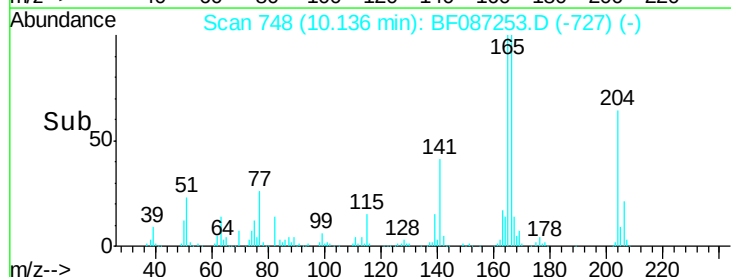
167 14.0 10.6 15.8

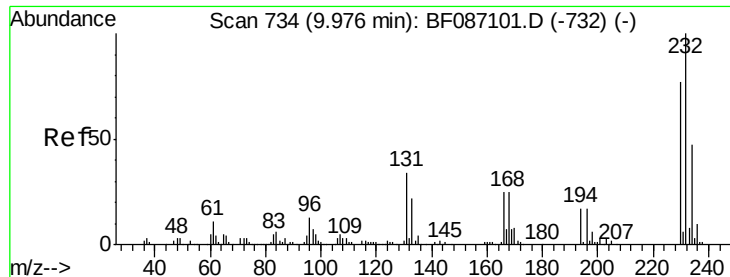


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

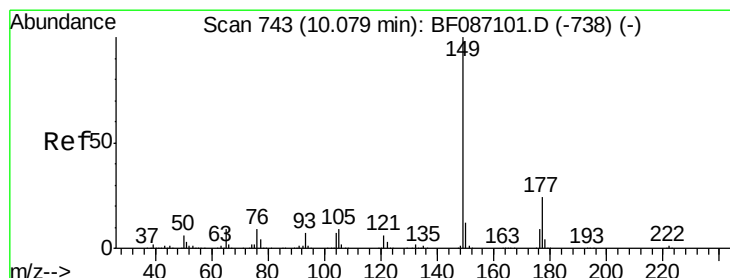
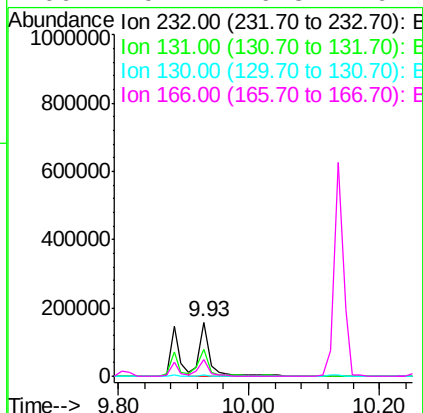
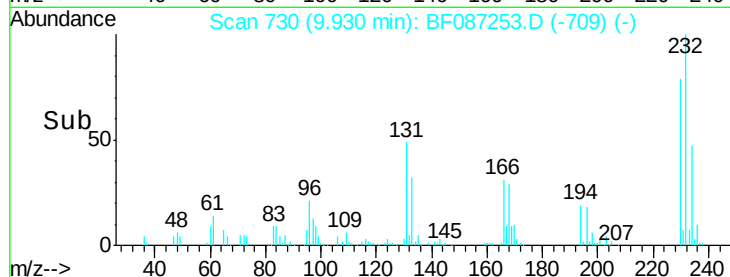
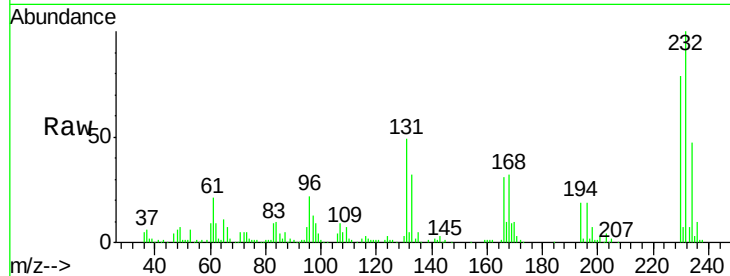




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.92 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

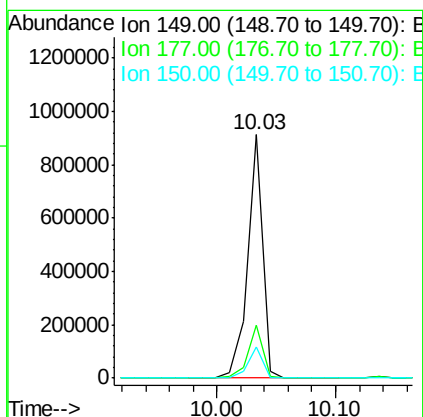
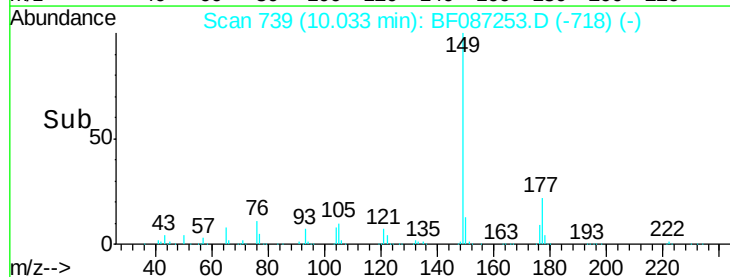
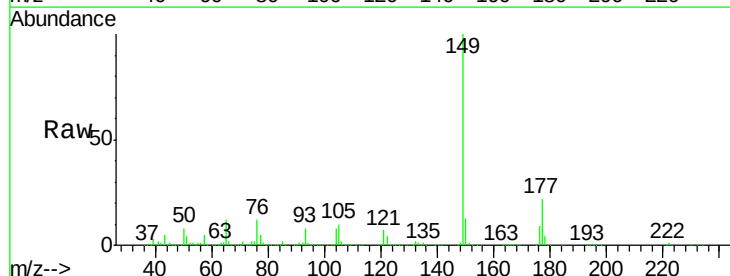
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

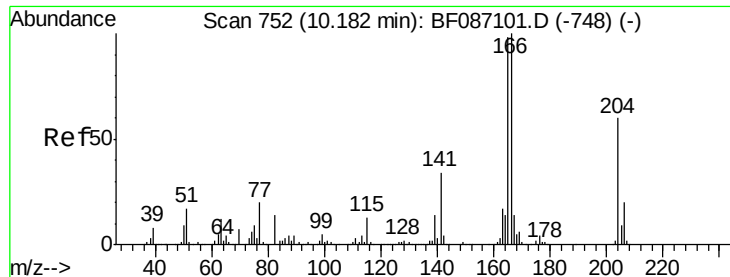
Tot Ion:	232	Resp:	174996
Ion	Ratio	Lower	Upper
232	100		
131	50.7	41.9	62.9
130	2.5	2.2	3.4
166	29.4	26.8	40.2



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

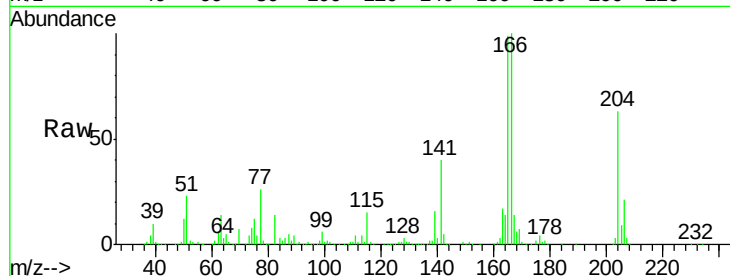
Tot Ion:204 Resp: 342475

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

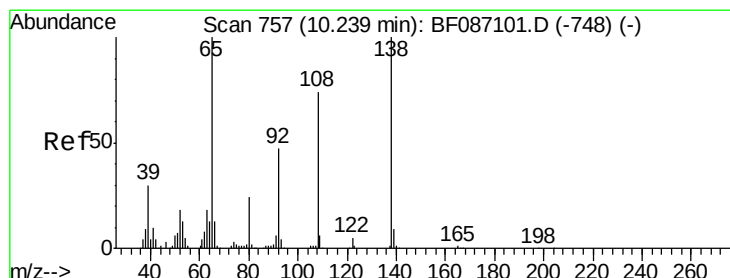
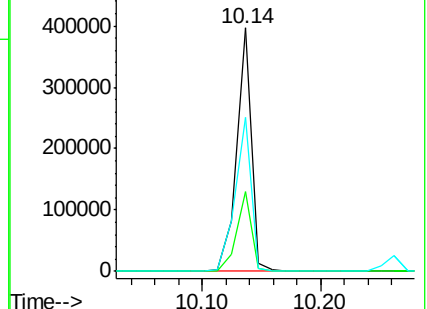
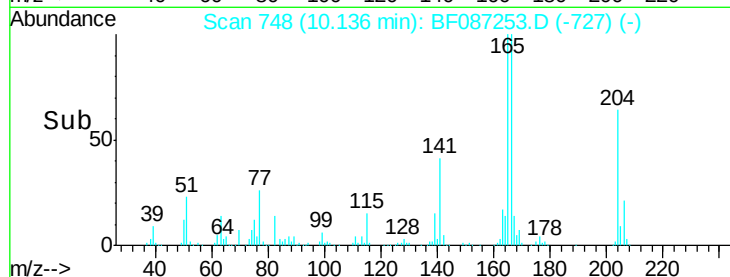
141 63.4 61.6 92.4



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

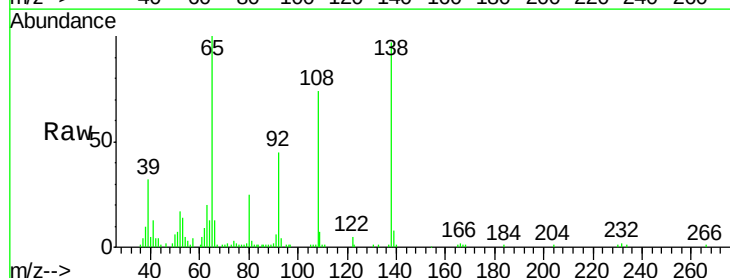
Tgt Ion:138 Resp: 95966

Ion Ratio Lower Upper

138 100

92 46.5 24.7 64.7

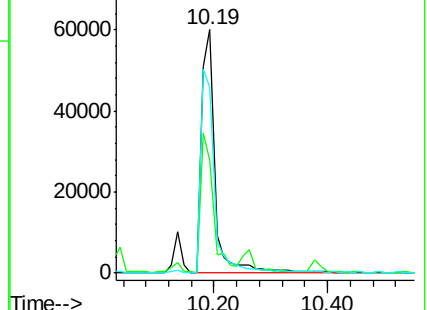
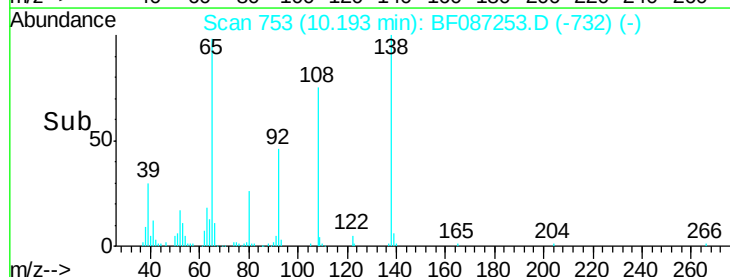
108 76.5 37.4 77.4

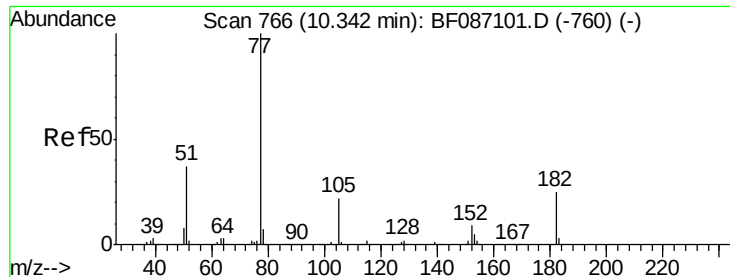


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tot Ion: 77 Resp: 935037

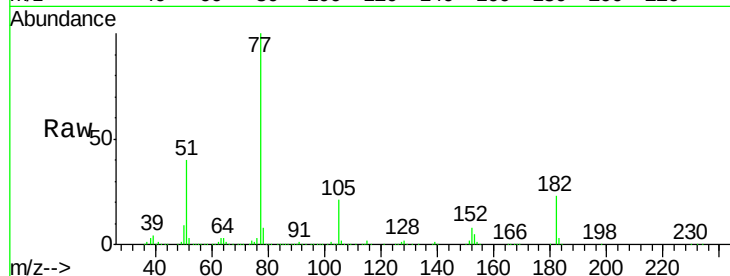
Ion Ratio Lower Upper

77 100

182 22.6 0.0 38.8

105 21.3 3.2 43.2

51 40.3 8.8 48.8

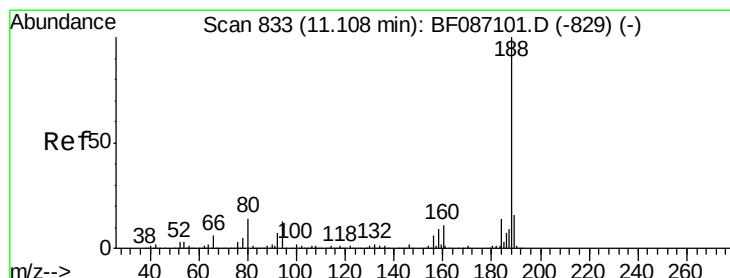
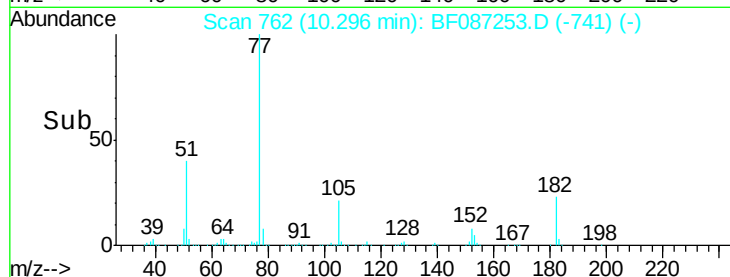
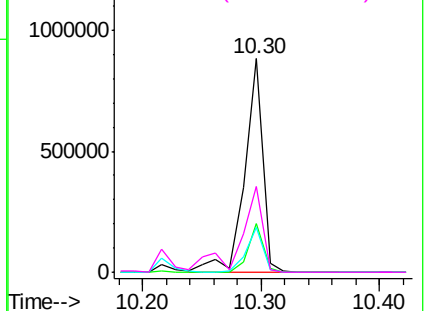


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF087253.D

Acq: 21 May 2016 5:44

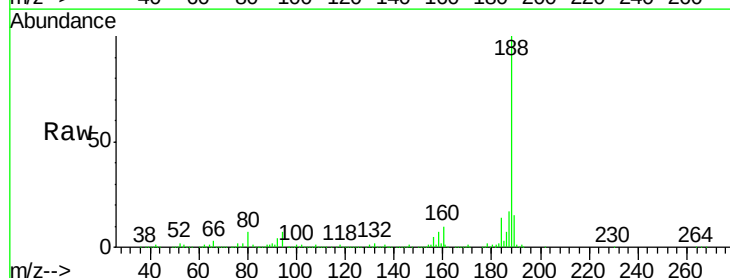
Tgt Ion: 188 Resp: 470689

Ion Ratio Lower Upper

188 100

94 6.8 6.8 10.2

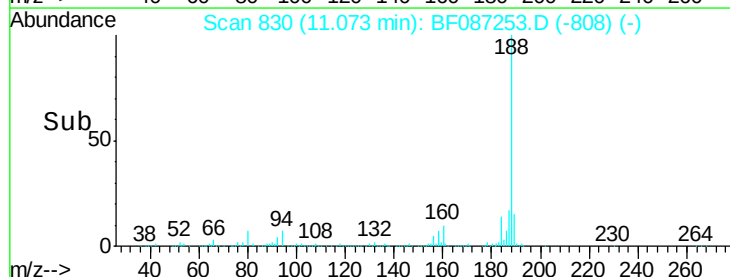
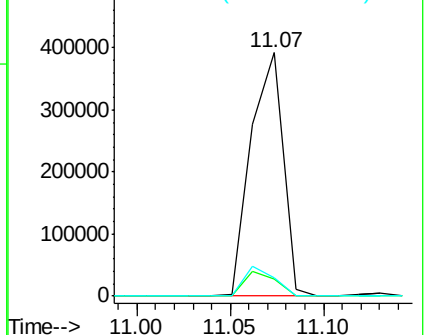
80 7.4 7.1 10.7

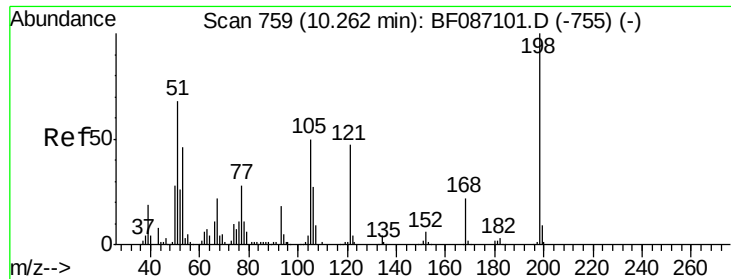


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

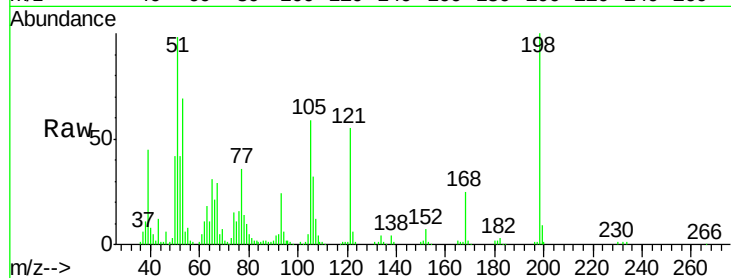
Tot Ion:198 Resp: 112107

Ion Ratio Lower Upper

198 100

51 97.6 20.5 60.5#

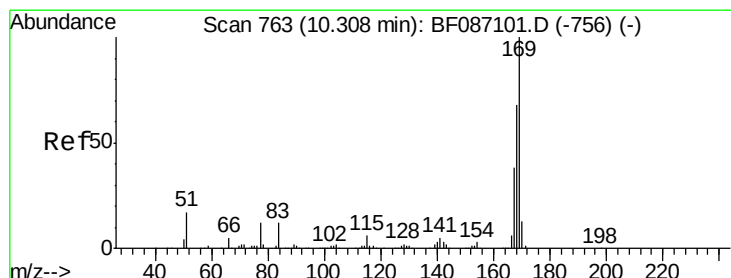
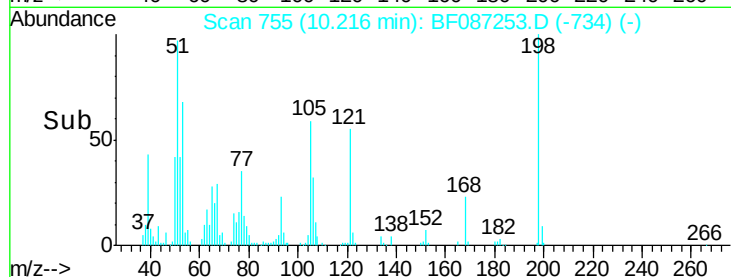
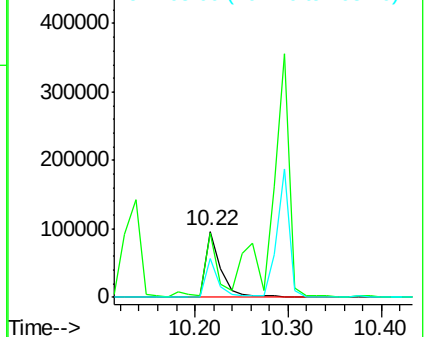
105 59.1 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 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

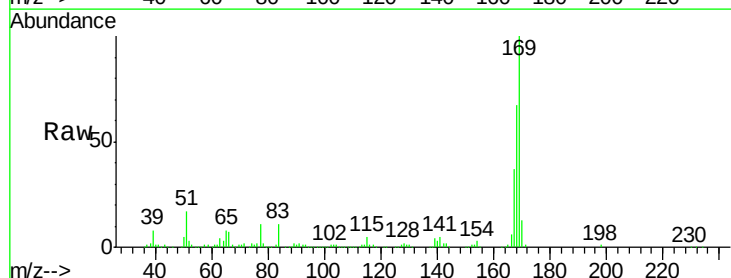
Tgt Ion:169 Resp: 443819

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

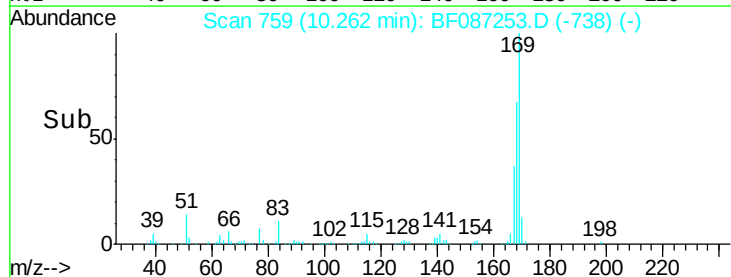
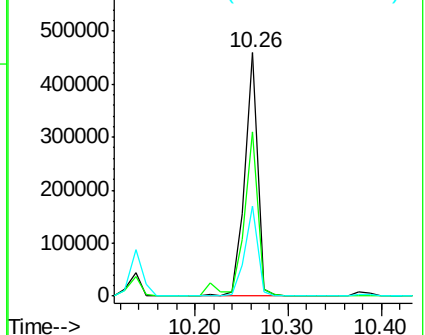
167 37.0 29.5 44.3

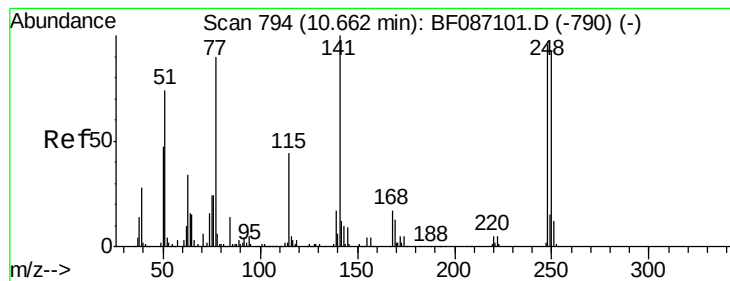


Abundance Ion 169.00 (168.70 to 169.70): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

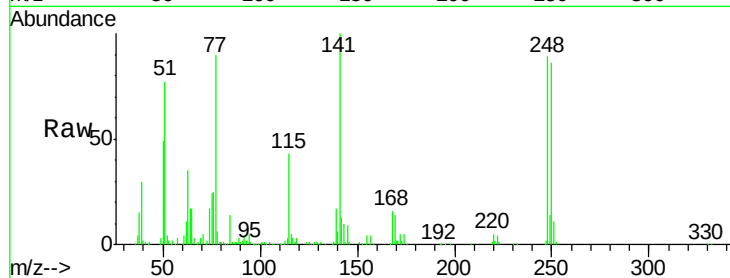
Tot Ion:248 Resp: 192118

Ion Ratio Lower Upper

248 100

250 96.2 78.6 117.8

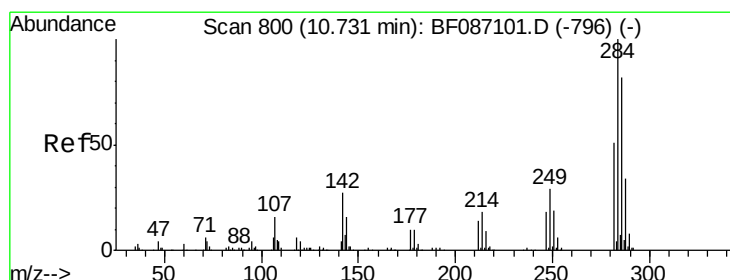
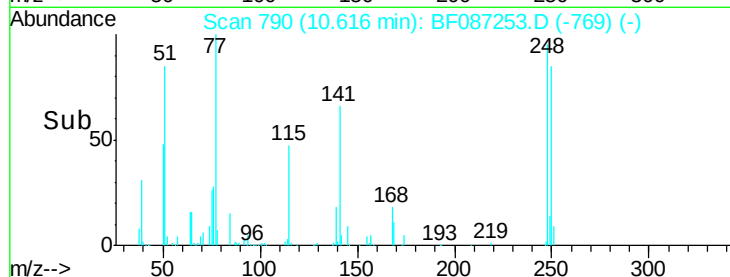
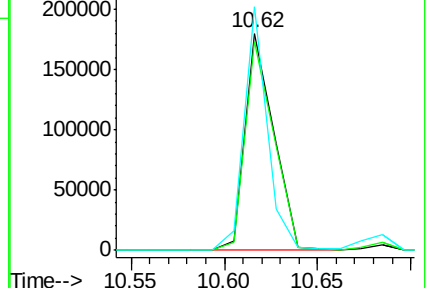
141 112.2 76.0 114.0



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

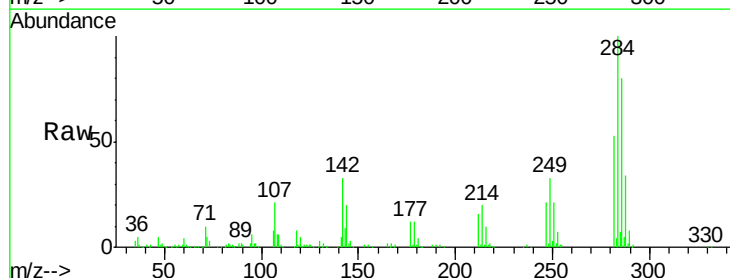
Tgt Ion:284 Resp: 214607

Ion Ratio Lower Upper

284 100

142 32.8 16.7 25.1#

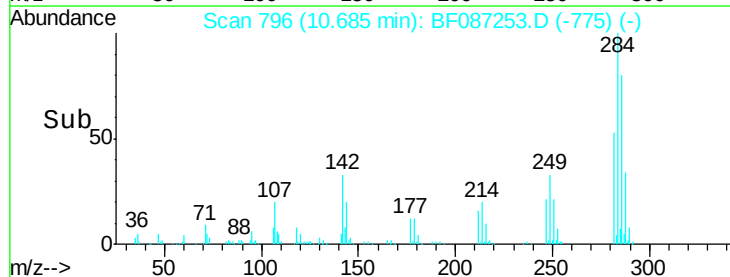
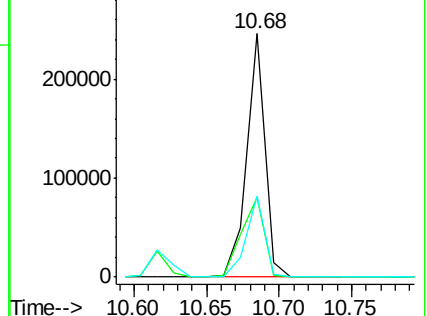
249 33.1 21.3 31.9#

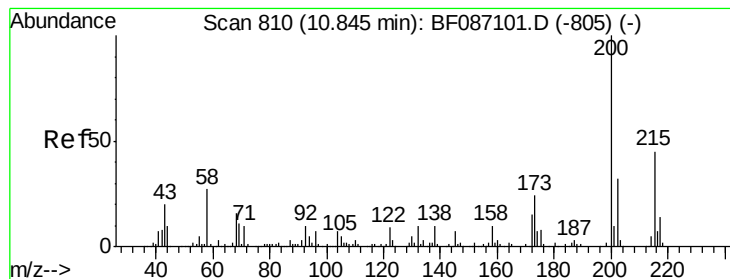


Abundance Ion 283.80 (283.50 to 284.50): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

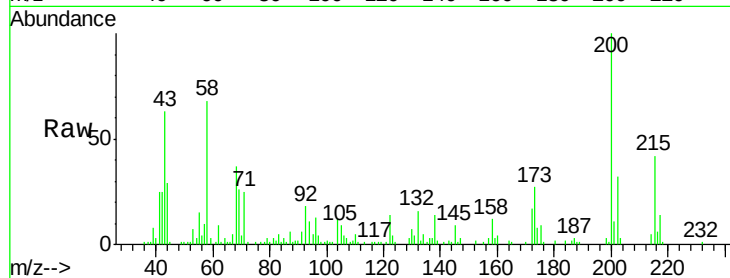
Tot Ion:200 Resp: 48345

Ion Ratio Lower Upper

200 100

173 27.0 8.5 48.5

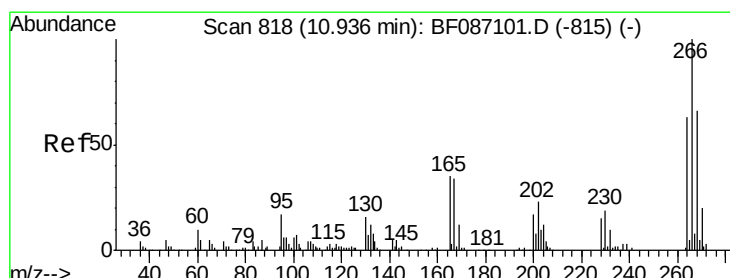
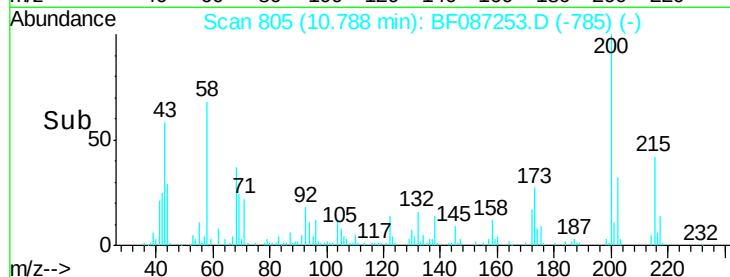
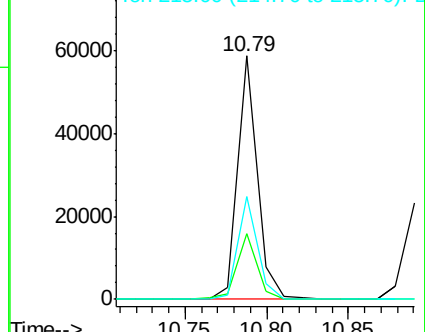
215 42.5 27.2 67.2



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

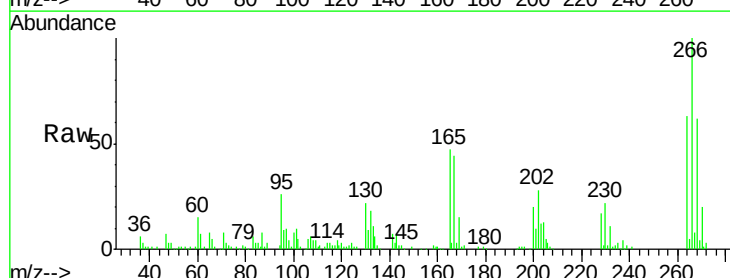
Tgt Ion:266 Resp: 147881

Ion Ratio Lower Upper

266 100

268 62.4 51.5 77.3

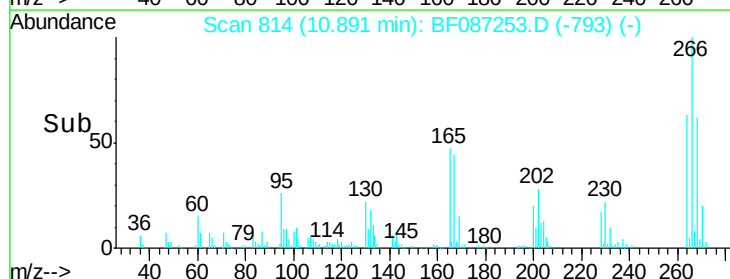
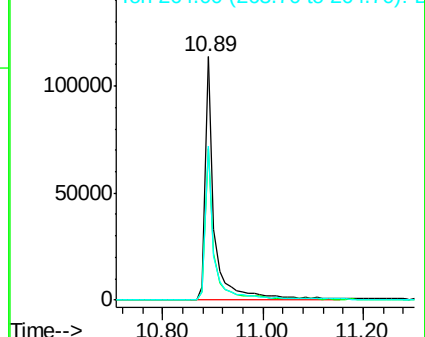
264 63.3 52.9 79.3

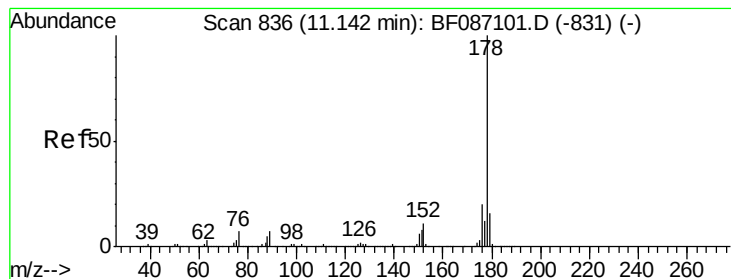


Abundance Ion 265.70 (265.40 to 266.40): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

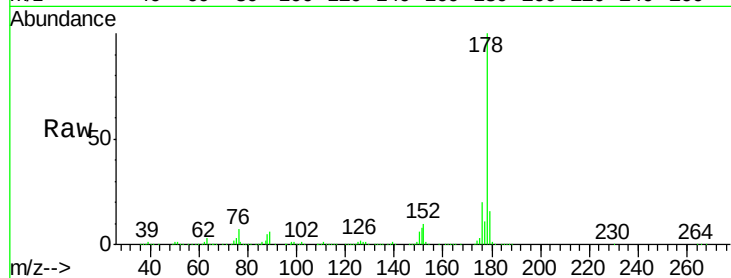
Tot Ion:178 Resp: 1057863

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

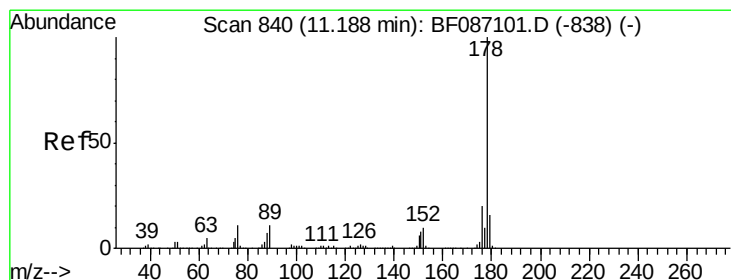
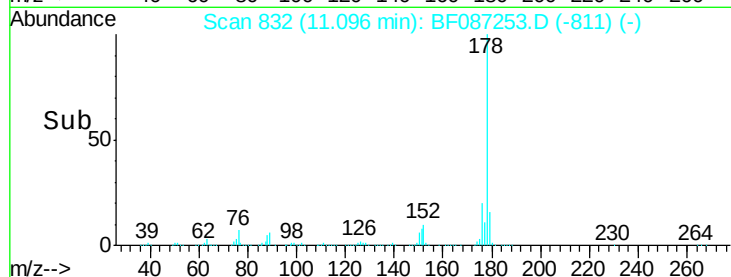
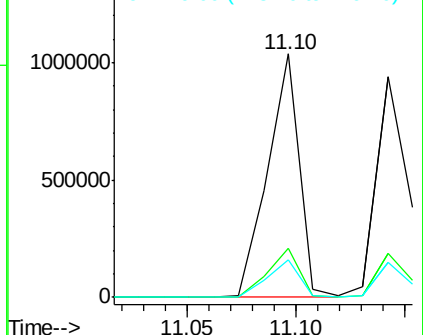
179 15.7 12.6 18.8



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

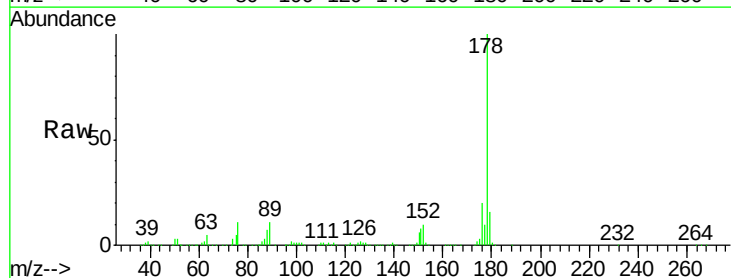
Tgt Ion:178 Resp: 976775

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

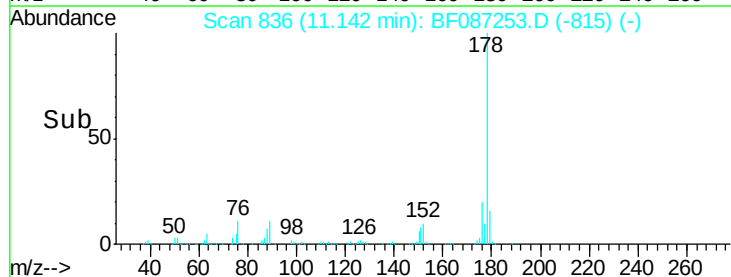
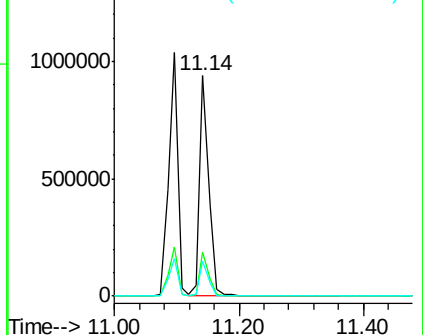
179 16.1 12.7 19.1

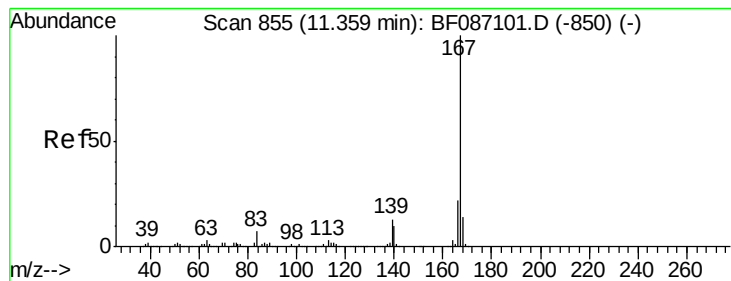


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

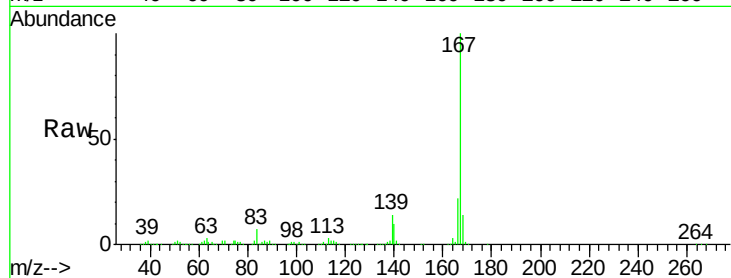
Tot Ion:167 Resp: 991854

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

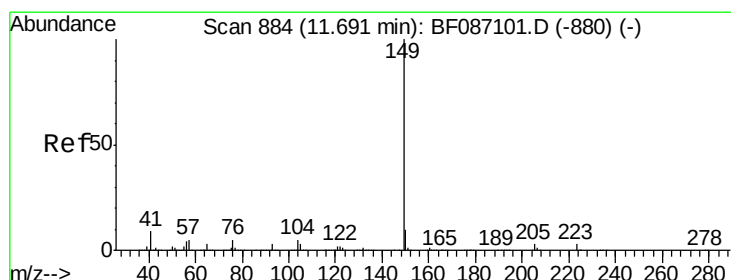
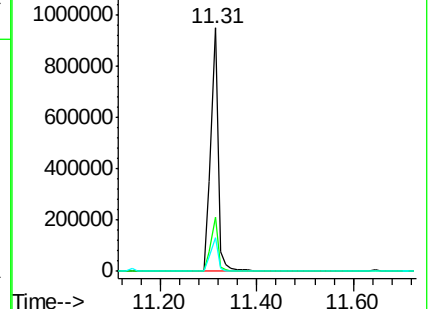
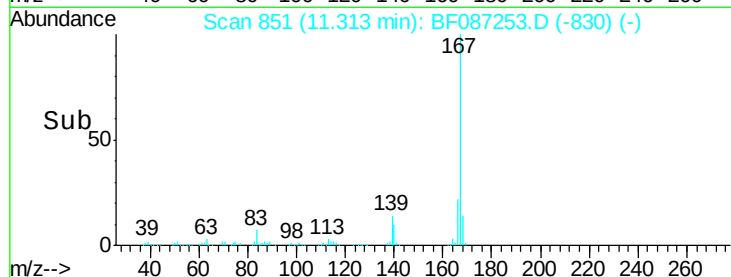
139 13.8 10.8 16.2



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

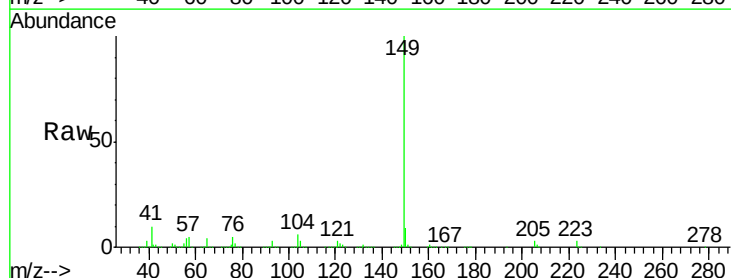
Tgt Ion:149 Resp: 1226587

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

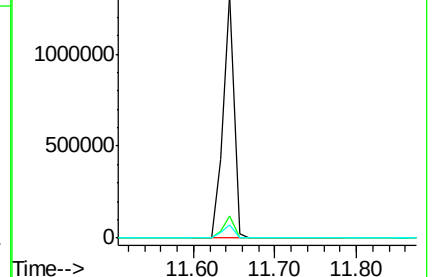
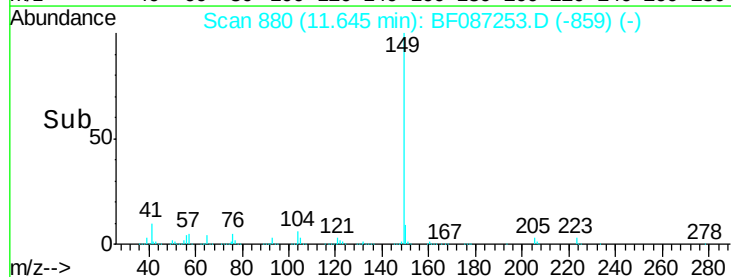
104 5.6 3.8 5.6

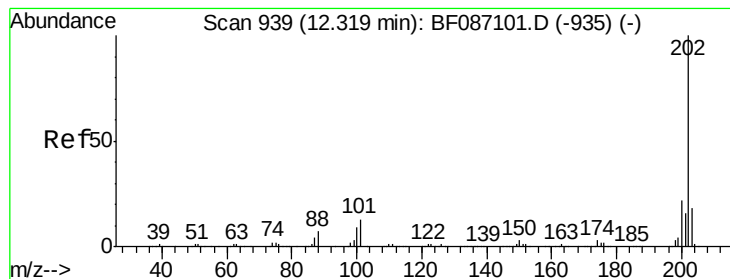


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

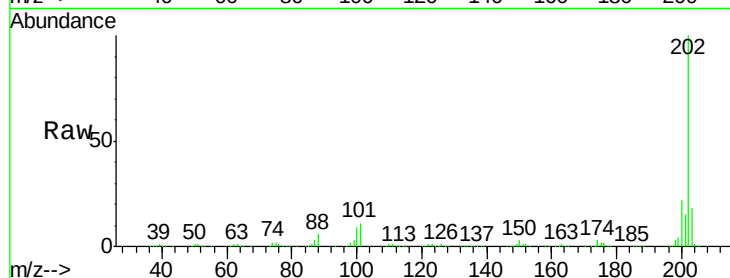
Tot Ion:202 Resp: 1019159

Ion Ratio Lower Upper

202 100

101 11.4 0.0 35.4

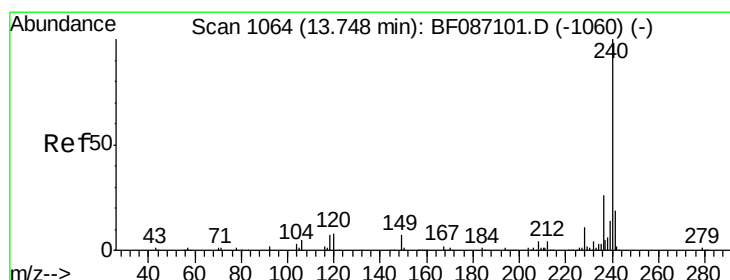
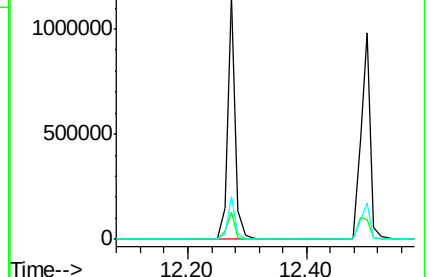
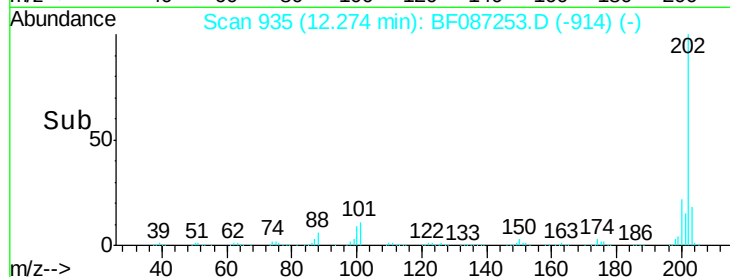
203 17.7 0.0 38.1



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

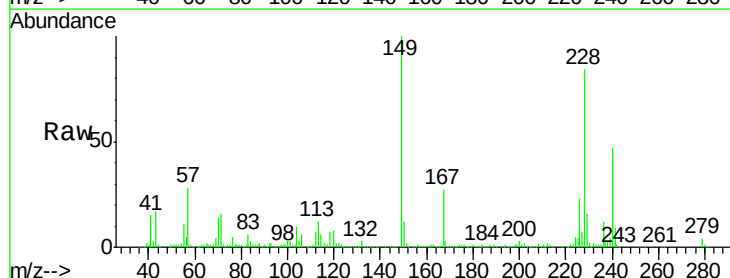
Tgt Ion:240 Resp: 313000

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

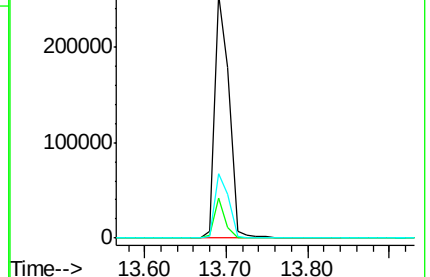
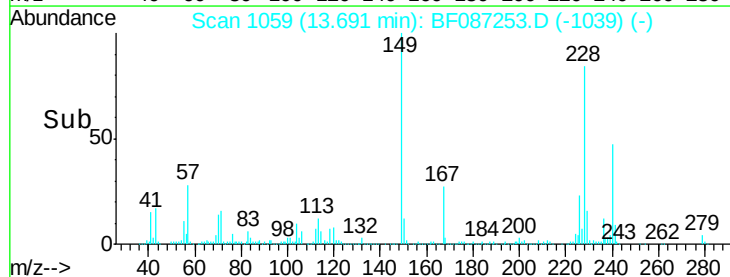
236 26.2 21.2 31.8

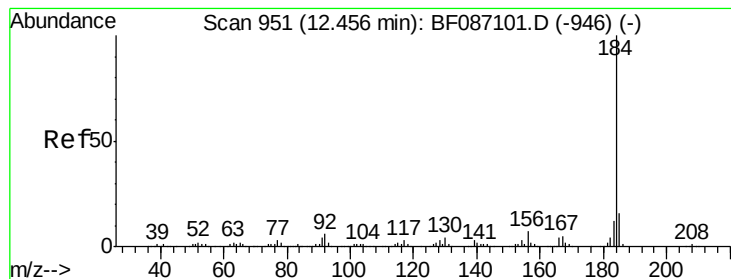


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

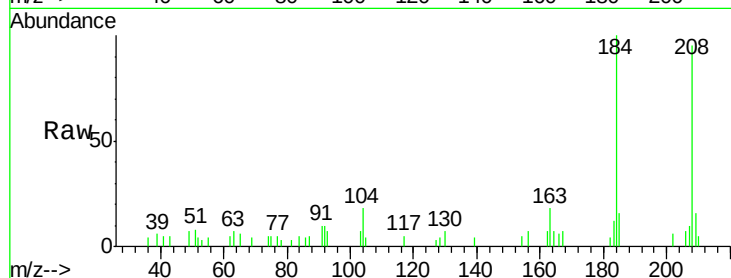
Tot Ion:184 Resp: 17103

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

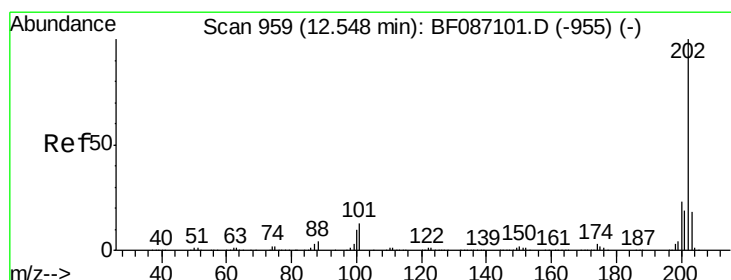
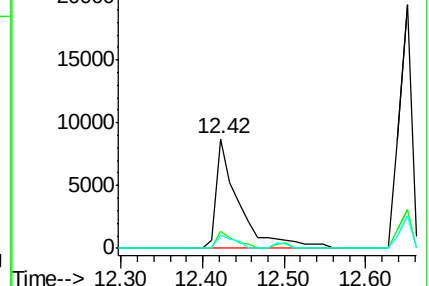
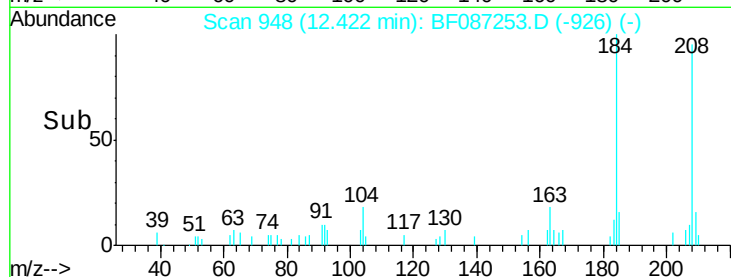
183 12.2 9.8 14.6



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

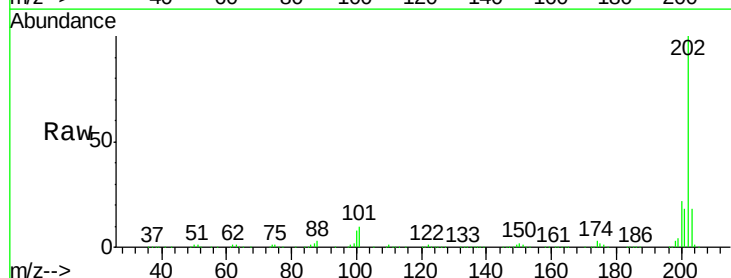
Tgt Ion:202 Resp: 1063528

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

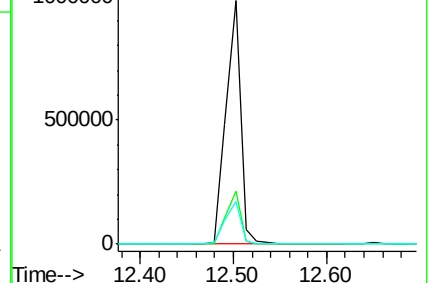
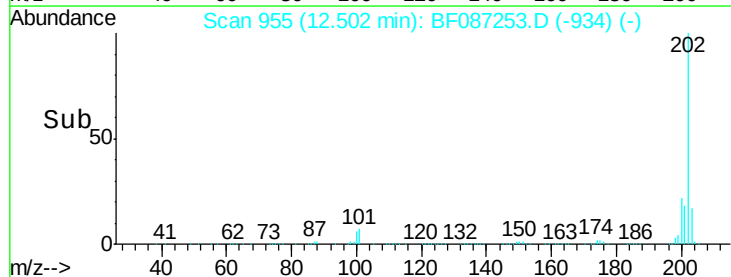
203 17.6 14.2 21.4

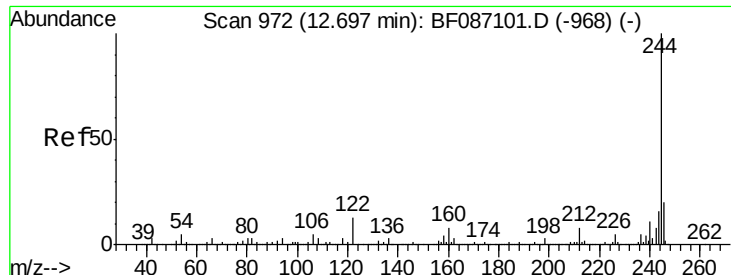


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

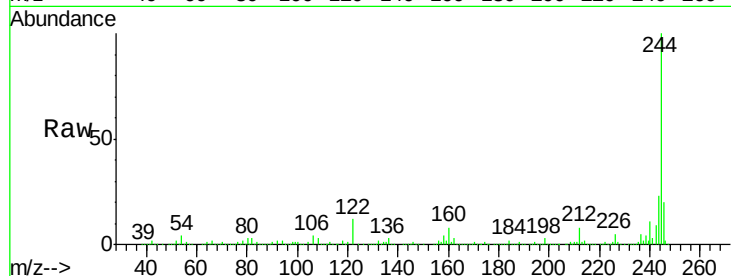
Tot Ion:244 Resp: 1209247

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

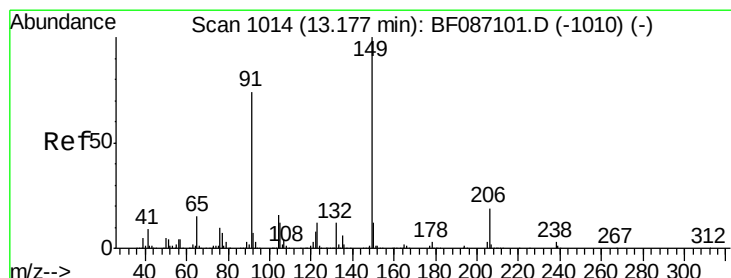
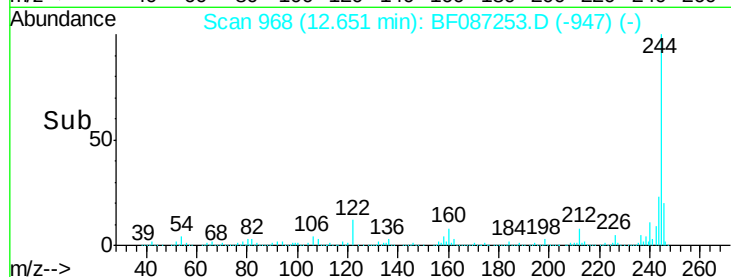
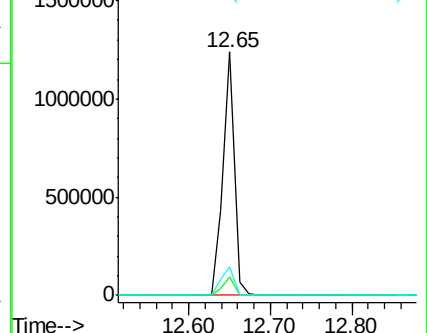
122 11.6 12.0 18.0#



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

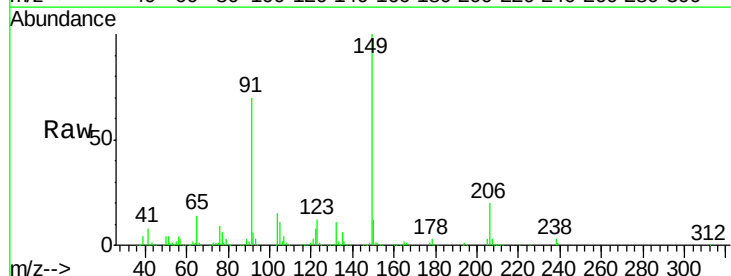
Tgt Ion:149 Resp: 494521

Ion Ratio Lower Upper

149 100

91 70.3 48.0 72.0

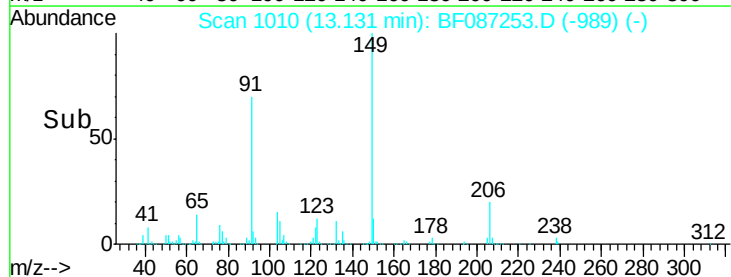
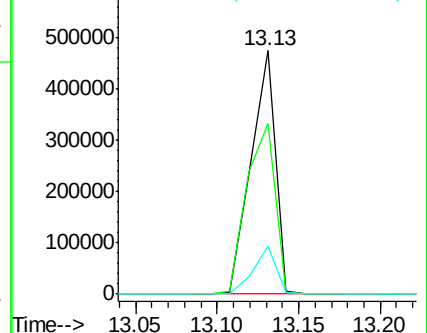
206 19.9 15.8 23.6

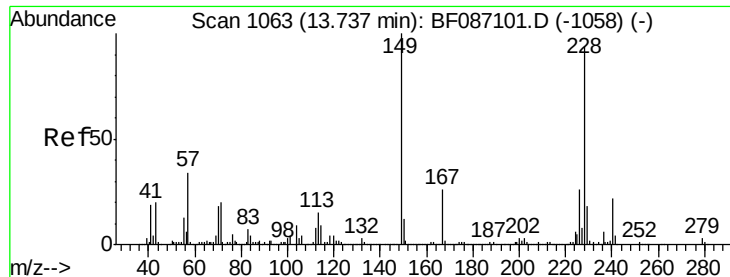


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.95 ng

RT: 13.68 min Scan# 1058

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

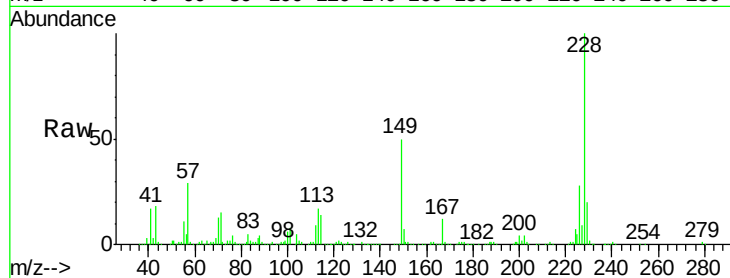
Tot Ion:228 Resp: 741086

Ion Ratio Lower Upper

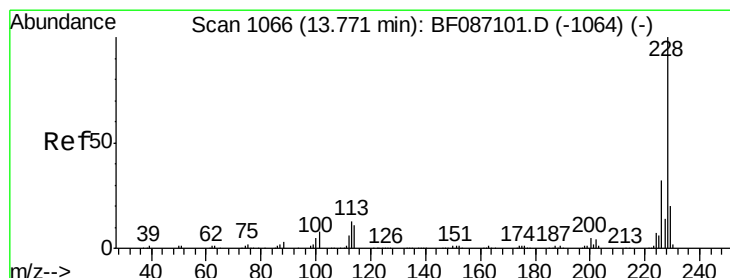
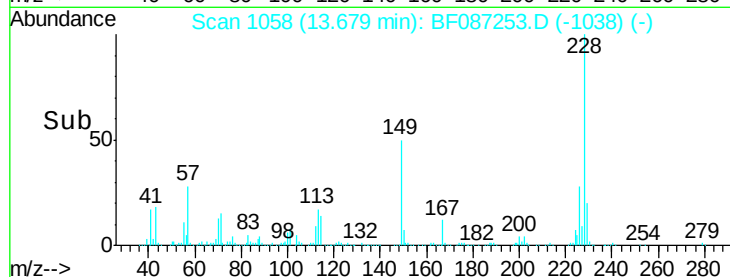
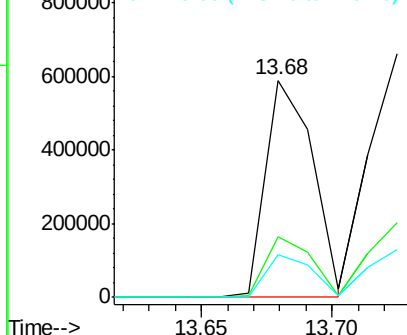
228 100

226 27.7 22.5 33.7

229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#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

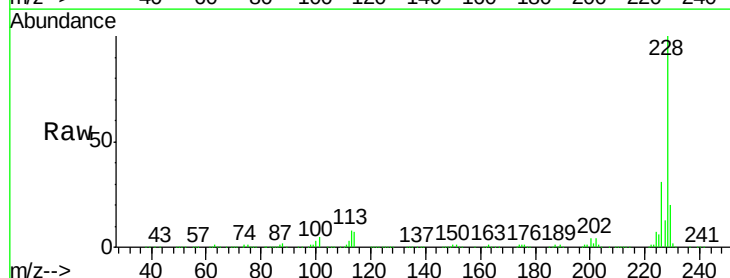
Tgt Ion:228 Resp: 779989

Ion Ratio Lower Upper

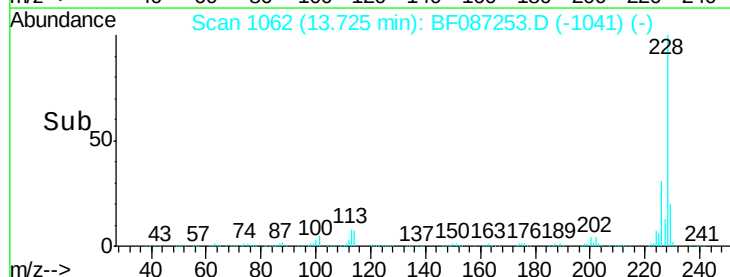
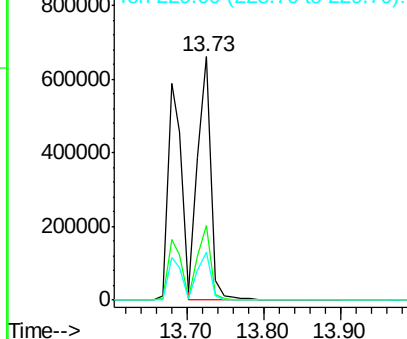
228 100

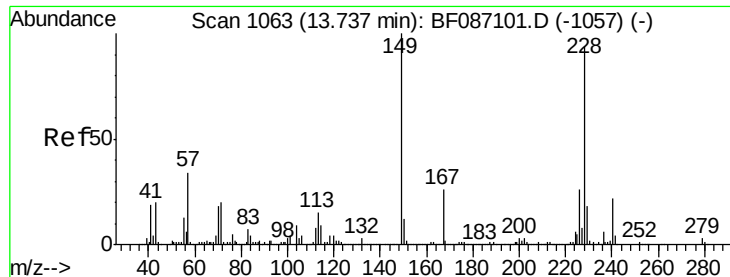
226 30.8 24.4 36.6

229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

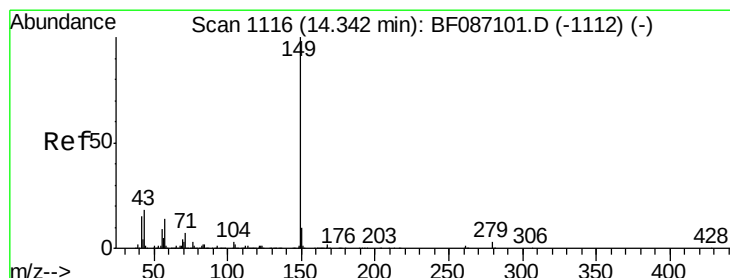
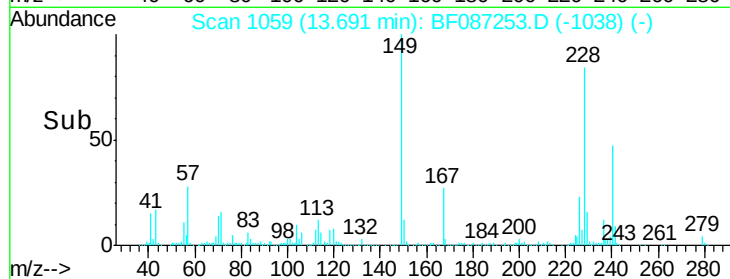
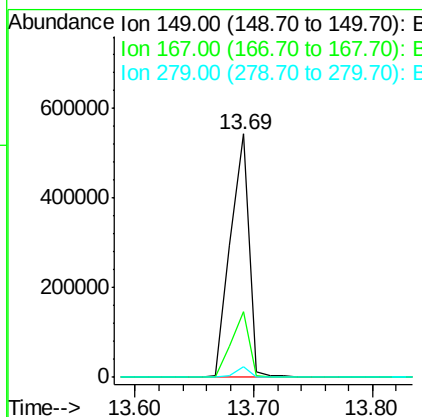
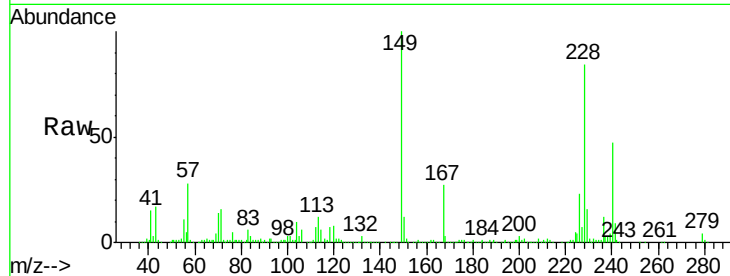




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.03 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.06 min
 Lab File: BF087253.D
 Acq: 21 May 2016 5:44

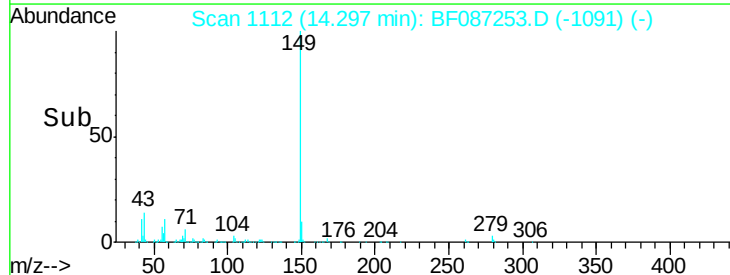
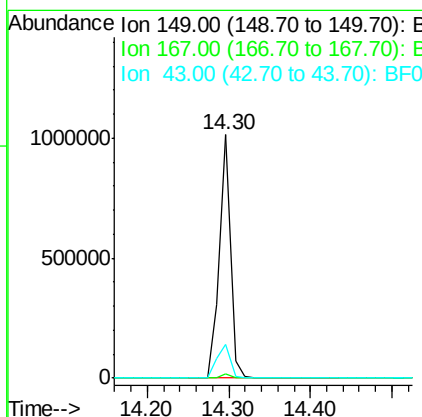
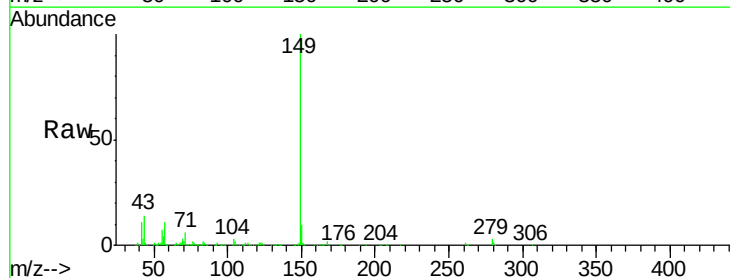
Instrument :
 BNA_F
 ClientSampleId :
 7-AB-AC(0-2)MS

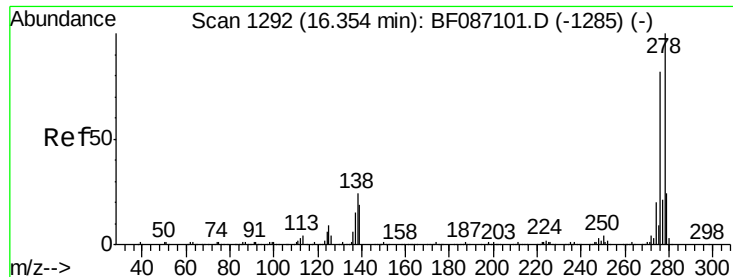
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.6
279	4.2	2.6	4.0#



#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

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

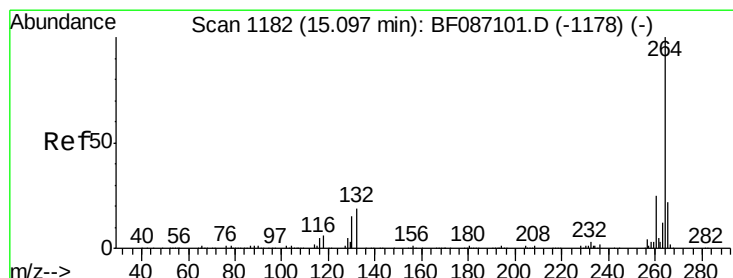
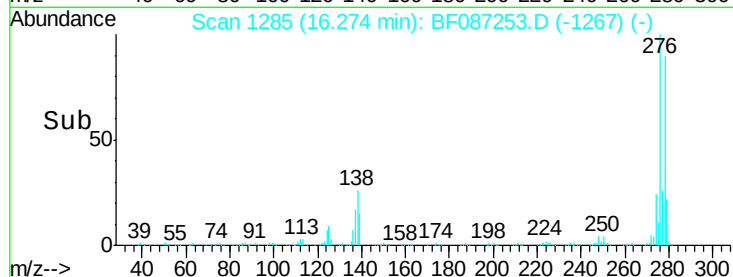
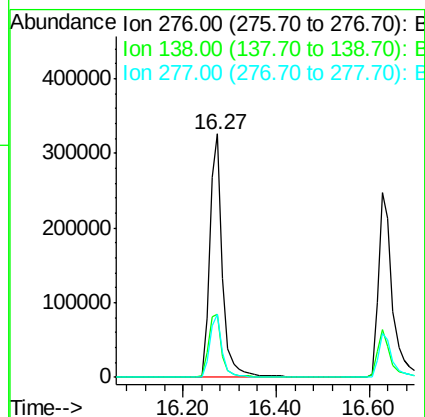
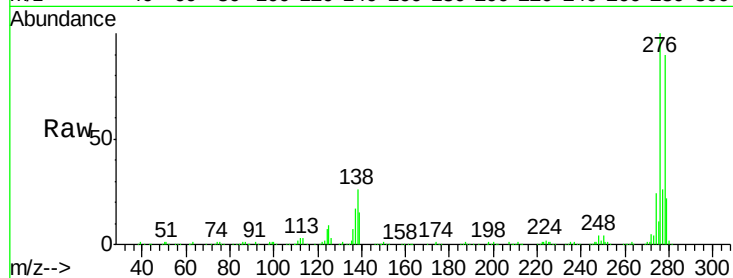




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.50 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

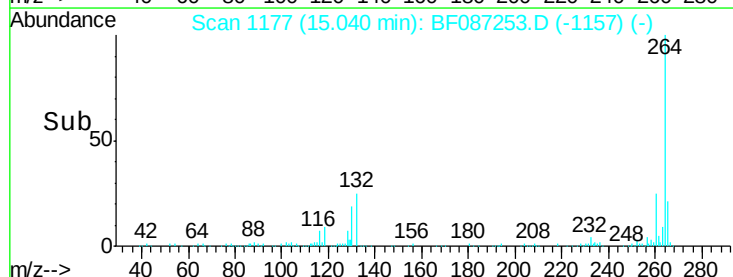
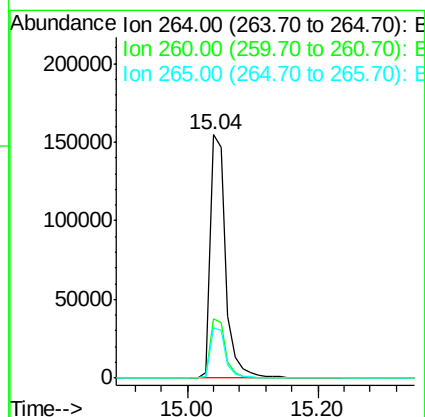
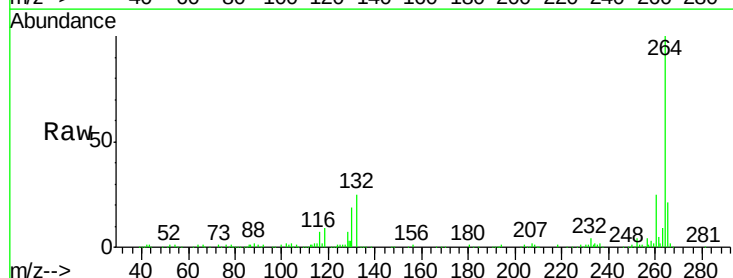
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

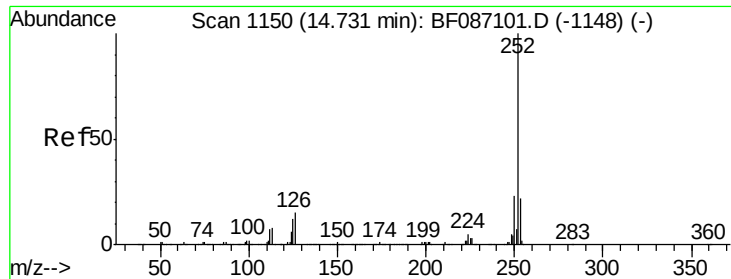
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.6	38.4
277	25.4	20.5	30.7



#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

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

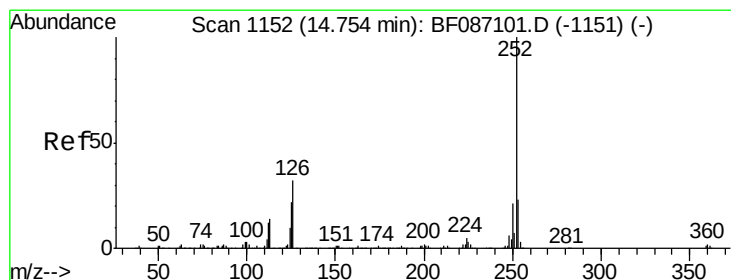
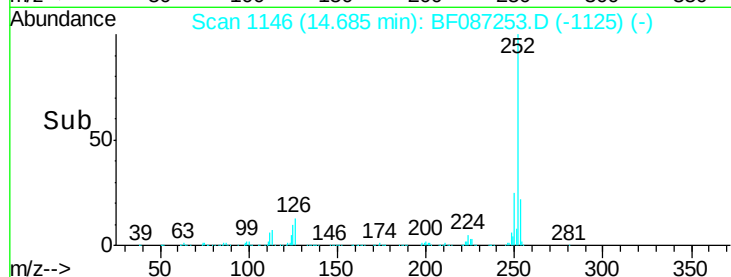
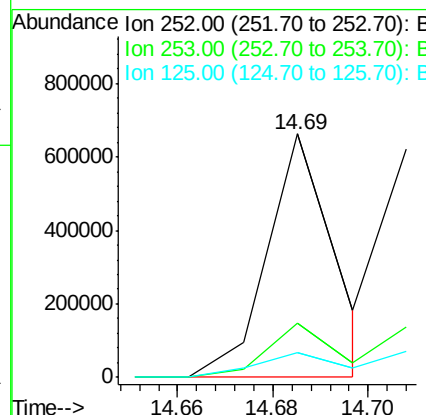
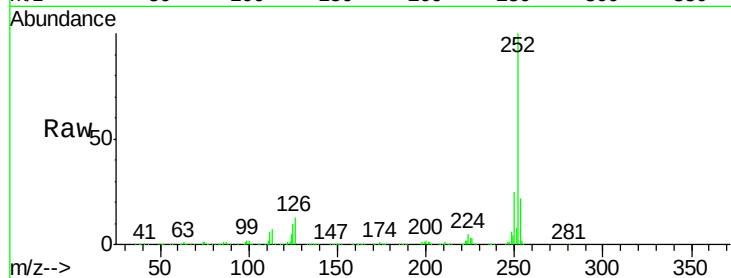




#87
Benzo(b)fluoranthene
Concen: 38.11 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

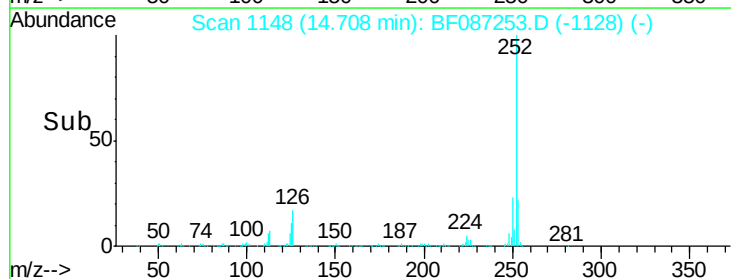
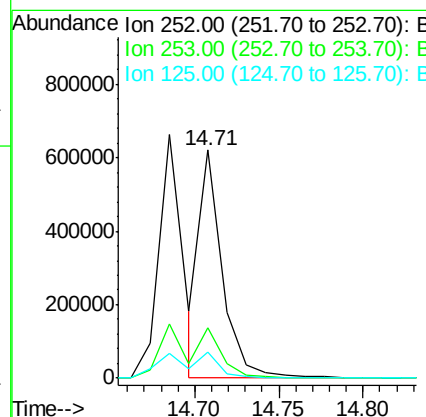
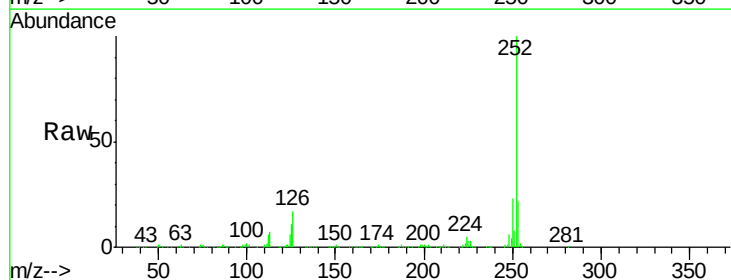
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

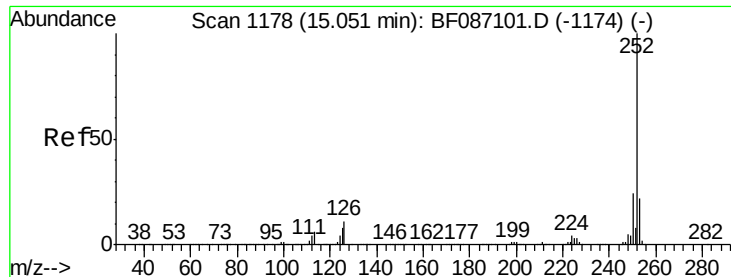
Tot Ion:252 Resp: 647074
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.3 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 47.26 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

Tgt Ion:252 Resp: 597430
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.2 9.1 13.7

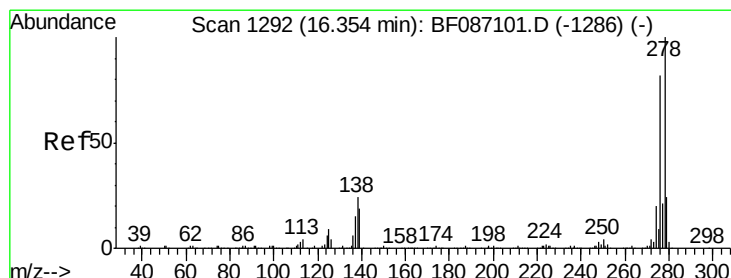
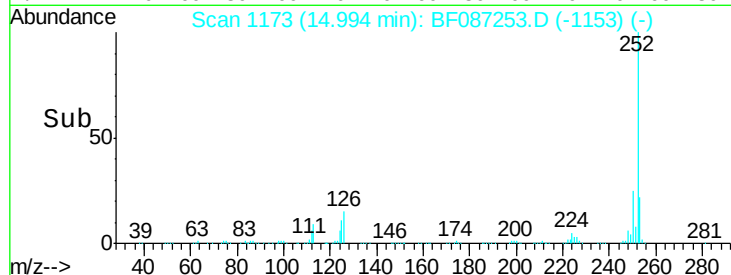
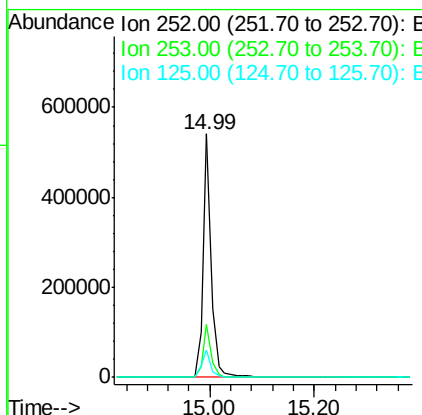
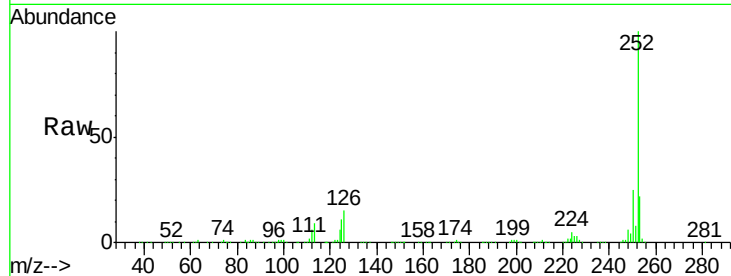




#89
Benzo(a)pyrene
Concen: 41.01 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087253.D
Acq: 21 May 2016 5:44

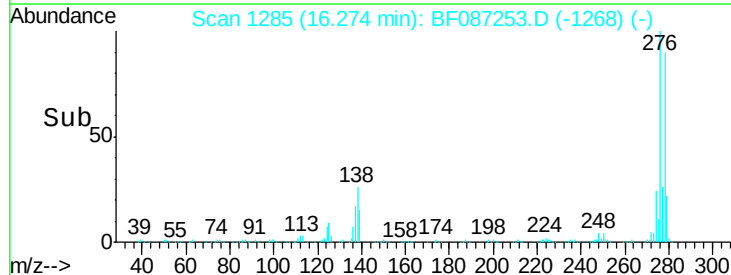
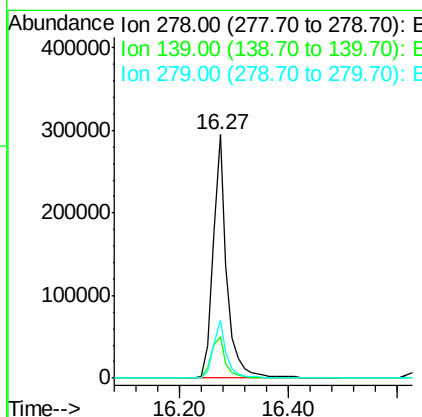
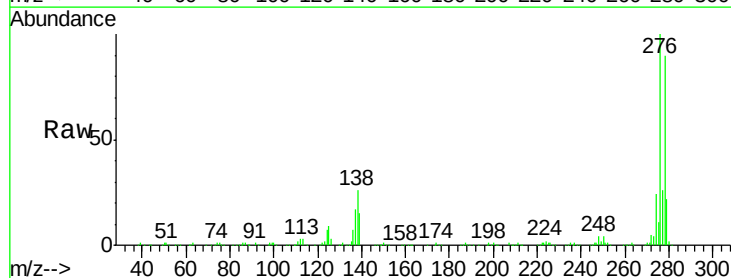
Instrument :
BNA_F
ClientSampleId :
7-AB-AC(0-2)MS

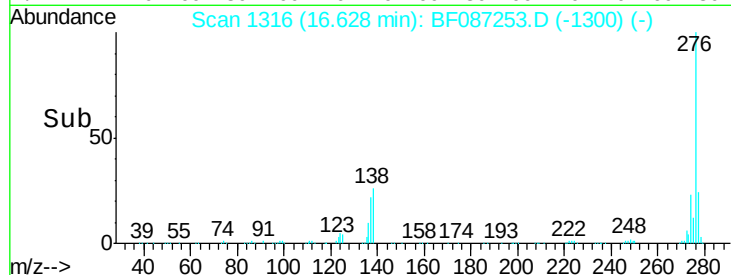
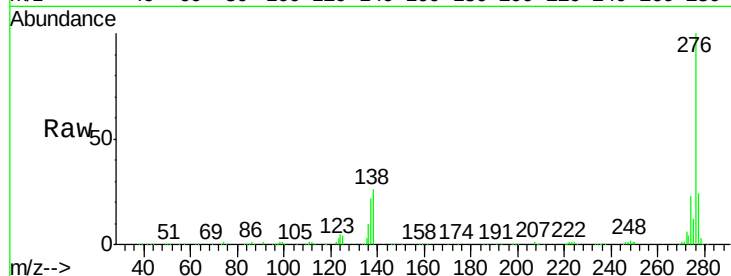
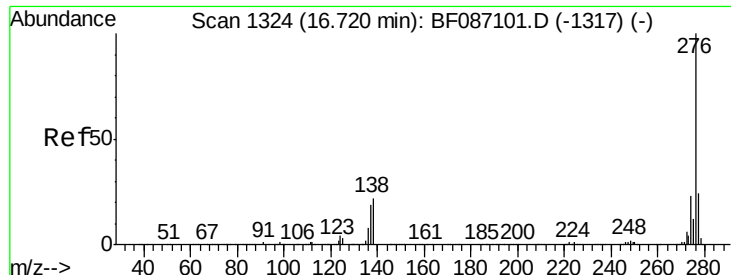
Tot Ion:252 Resp: 581994
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.5 9.0 13.6



#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

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





#91

Benzo(a,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

Instrument :

BNA_F

ClientSampleId :

7-AB-AC(0-2)MS

Tot Ion:276 Resp: 527594

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.9 23.6 35.4

