

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087006.D
 Acq On : 14 May 2016 8:29
 Operator : UM/SJ
 Sample : H2989-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Quant Time: May 16 01:02:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	261604	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	460138	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	221811	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	431687	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	289574	20.00	ng	-0.09
86) Perylene-d12	15.11	264	253693	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	578210	37.43	ng	-0.08
7) Phenol-d6	6.40	99	24241	1.17	ng	0.04
23) Nitrobenzene-d5	7.19	82	561715	61.30	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	207913	88.54	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	949473	71.94	ng	-0.08
78) Terphenyl-d14	12.71	244	940132	68.88	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	76461	10.08	ng	# 67
3) Pyridine	2.81	79	226047	12.19	ng	# 60
4) n-Nitrosodimethylamine	2.73	42	174662	12.99	ng	# 50
6) Aniline	6.35	93	235414	9.43	ng	# 52
8) 2-Chlorophenol	6.40	128	222261	11.92	ng	# 79
10) Phenol	6.30	94	264594	10.78	ng	77
11) bis(2-Chloroethyl)ether	6.35	93	235414	12.30	ng	# 83
12) 1,3-Dichlorobenzene	6.78	146	203164	10.07	ng	# 83
13) 1,4-Dichlorobenzene	6.63	146	237489	11.54	ng	94
14) 1,2-Dichlorobenzene	6.78	146	203164	11.33	ng	# 94
15) Benzyl Alcohol	6.78	79	201652	14.15	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	468529	11.26	ng	60
17) 2-Methylphenol	7.06	107	234826	15.83	ng	# 81
18) Hexachloroethane	7.12	117	87300	11.28	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	80022	5.55	ng	# 76
20) 3+4-Methylphenols	7.06	107	234451	12.10	ng	# 60
22) Acetophenone	7.04	105	330236	30.38	ng	# 92
24) Nitrobenzene	7.20	77	254683	27.02	ng	93
25) Isophorone	7.45	82	488061	28.71	ng	95
26) 2-Nitrophenol	7.52	139	109574	26.44	ng	# 61
27) 2,4-Dimethylphenol	7.58	122	197760	28.02	ng	# 85
28) bis(2-Chloroethoxy)methane	7.67	93	301703	32.90	ng	99
29) 2,4-Dichlorophenol	7.78	162	179838	28.95	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	186152	26.80	ng	95
31) Naphthalene	7.92	128	639483	27.75	ng	99
32) Benzoic acid	7.71	122	102839	24.81	ng	# 79
33) 4-Chloroaniline	7.99	127	72133	8.05	ng	# 92
34) Hexachlorobutadiene	8.04	225	109299	27.12	ng	99
35) Caprolactam	8.35	113	56598	26.78	ng	# 52
36) 4-Chloro-3-methylphenol	8.49	107	207930	27.60	ng	100
37) 2-Methylnaphthalene	8.62	142	433196	32.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	173862	26.96	ng	98
40) Hexachlorocyclopentadiene	8.76	237	126894	41.45	ng	95
42) 2,4,6-Trichlorophenol	8.90	196	123176	28.56	ng	95

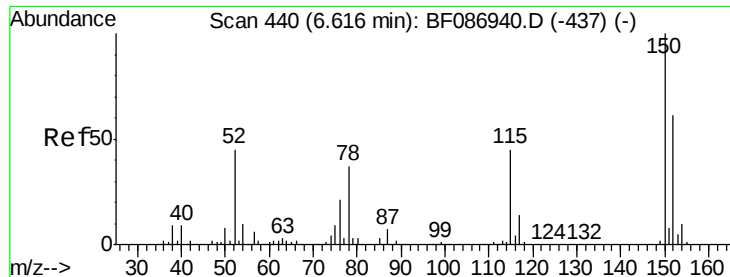
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087006.D
 Acq On : 14 May 2016 8:29
 Operator : UM/SJ
 Sample : H2989-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Quant Time: May 16 01:02:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	126101	28.27	ng	# 81
45) 1,1'-Biphenyl	9.07	154	501292	28.41	ng	96
46) 2-Chloronaphthalene	9.10	162	378509	27.38	ng	92
47) 2-Nitroaniline	9.21	65	161952	32.06	ng	85
48) Acenaphthylene	9.51	152	583380	28.69	ng	99
49) Dimethylphthalate	9.39	163	508909	30.07	ng	98
50) 2,6-Dinitrotoluene	9.45	165	110582	31.05	ng	93
51) Acenaphthene	9.68	154	374446	29.61	ng	98
52) 3-Nitroaniline	9.62	138	41689	11.12	ng	# 88
53) 2,4-Dinitrophenol	9.74	184	68561	41.74	ng	93
54) Dibenzofuran	9.85	168	530140	32.65	ng	93
55) 4-Nitrophenol	9.85	139	352305	137.45	ng	# 22
56) 2,4-Dinitrotoluene	9.85	165	131905	29.93	ng	# 61
57) Fluorene	10.19	166	444199	32.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	99450	29.62	ng	98
59) Diethylphthalate	10.08	149	457925	27.77	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	207022	31.89	ng	# 87
61) 4-Nitroaniline	10.23	138	92877	25.79	ng	# 61
62) Azobenzene	10.35	77	541066	30.41	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	62898	23.45	ng	84
65) n-Nitrosodiphenylamine	10.31	169	347251	26.18	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	116856	26.70	ng	90
67) Hexachlorobenzene	10.74	284	143384	28.03	ng	98
68) Atrazine	10.84	200	60122	13.57	ng	94
69) Pentachlorophenol	10.95	266	124891	52.83	ng	97
70) Phenanthrene	11.15	178	675057	29.30	ng	99
71) Anthracene	11.20	178	687212	29.17	ng	100
72) Carbazole	11.36	167	552391	27.27	ng	98
73) Di-n-butylphthalate	11.70	149	778277	31.47	ng	99
74) Fluoranthene	12.33	202	682316	28.80	ng	96
76) Benzidine	12.71	184	14938	2.02	ng	# 96
77) Pyrene	12.56	202	698703	31.52	ng	99
79) Butylbenzylphthalate	13.19	149	299192	31.91	ng	# 80
80) Benzo(a)anthracene	13.74	228	484585	29.81	ng	99
82) Chrysene	13.78	228	492585	29.79	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	346951	30.76	ng	# 95
84) Di-n-octyl phthalate	14.35	149	525802	28.14	ng	# 83
85) Indeno(1,2,3-cd)pyrene	16.35	276	484672	35.23	ng	94
87) Benzo(b)fluoranthene	14.74	252	863376	52.36	ng	# 95
88) Benzo(k)fluoranthene	14.74	252	863946	63.99	ng	98
89) Benzo(a)pyrene	15.05	252	401067	28.20	ng	# 96
90) Dibenzo(a,h)anthracene	16.37	278	410173	34.22	ng	# 94
91) Benzo(g,h,i)perylene	16.72	276	421427	34.60	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

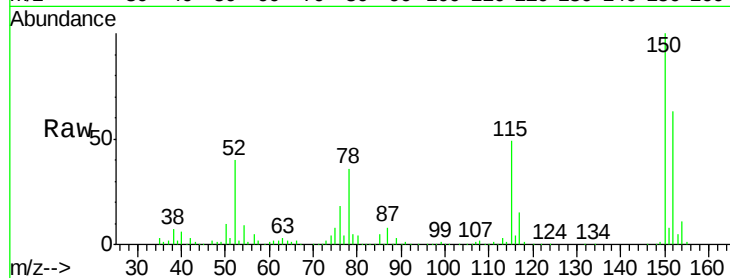
Tgt Ion: 152 Resp: 261604

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.6

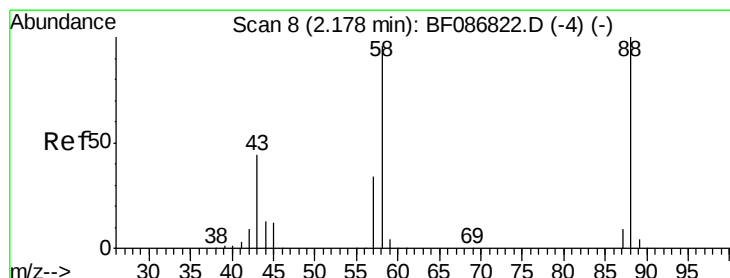
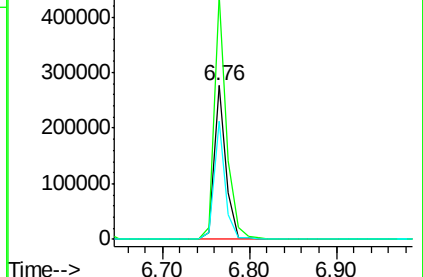
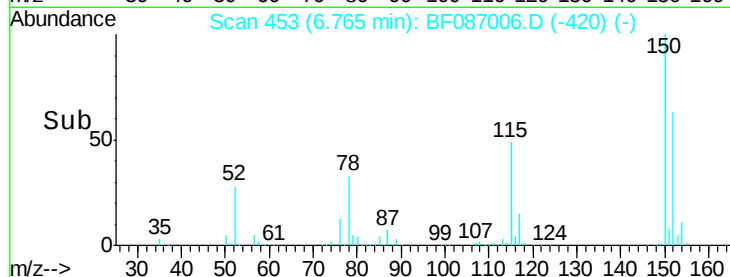
115 77.2 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.08 ng

RT: 2.16 min Scan# 50

Delta R.T. -0.02 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

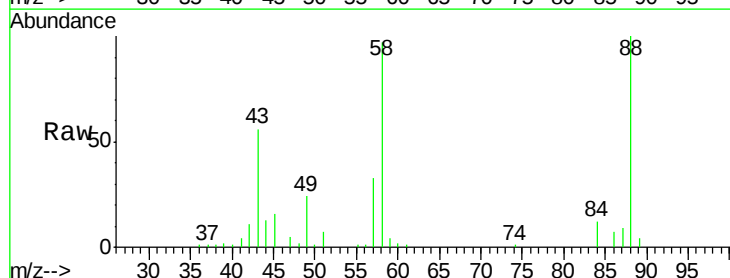
Tgt Ion: 88 Resp: 76461

Ion Ratio Lower Upper

88 100

58 102.3 59.6 89.4#

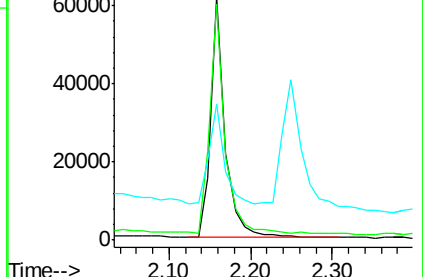
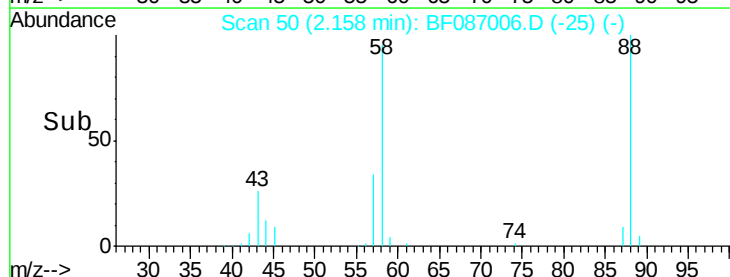
43 45.5 21.8 32.6#

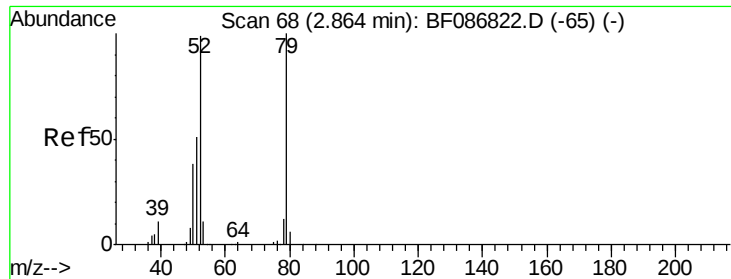


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.19 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.05 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

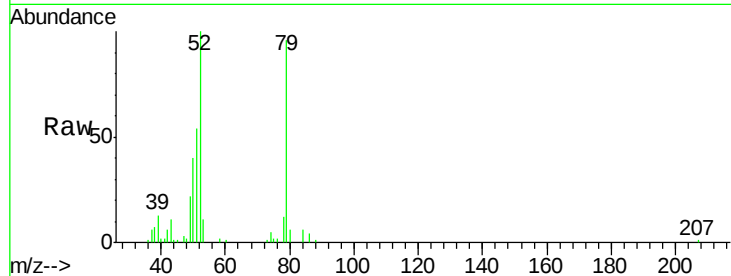
Tgt Ion: 79 Resp: 226047

Ion Ratio Lower Upper

79 100

52 104.1 55.9 83.9#

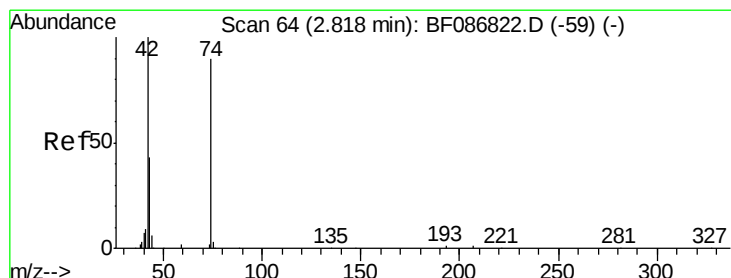
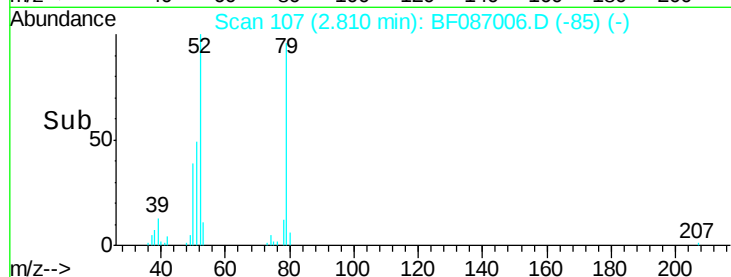
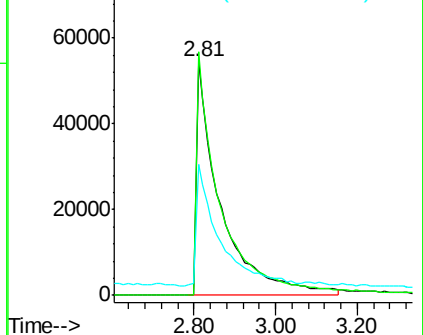
51 56.0 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 12.99 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

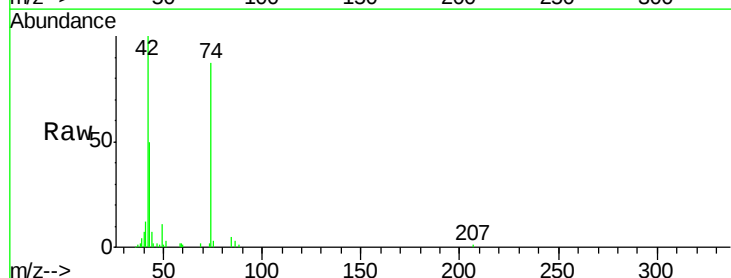
Tgt Ion: 42 Resp: 174662

Ion Ratio Lower Upper

42 100

74 87.3 123.4 185.0#

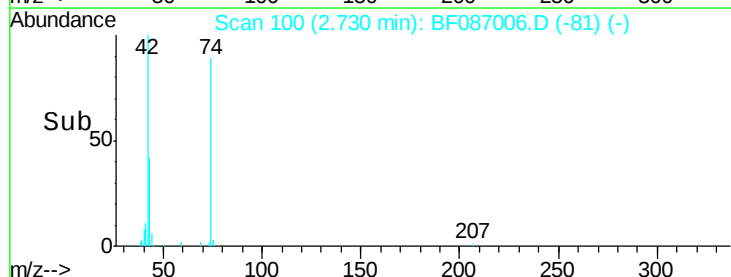
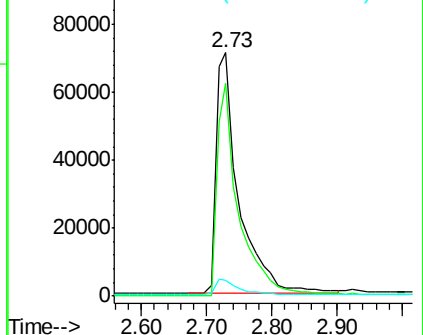
44 6.6 5.8 8.6

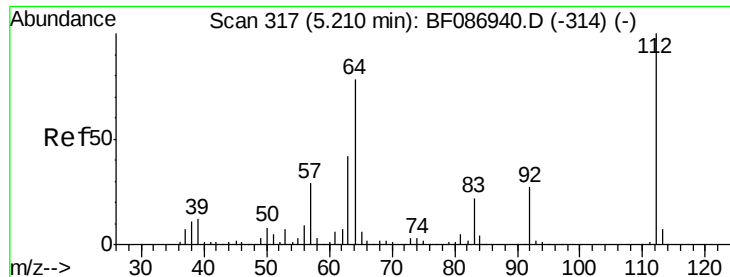


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 37.43 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

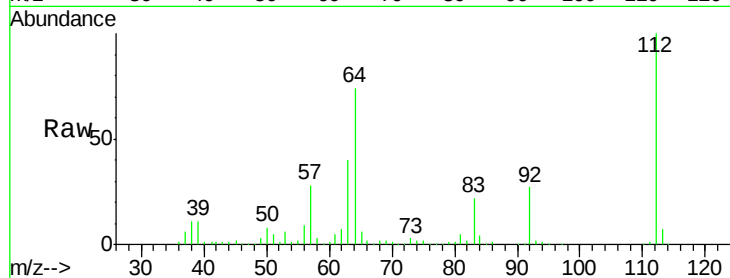
Tgt Ion: 112 Resp: 578210

Ion Ratio Lower Upper

112 100

64 74.0 52.1 78.1

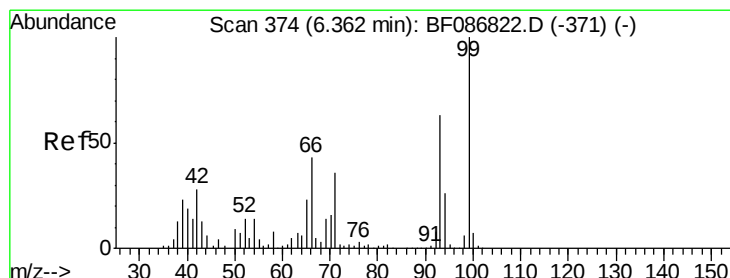
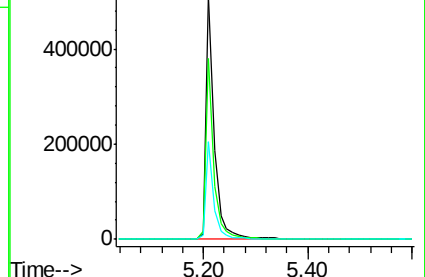
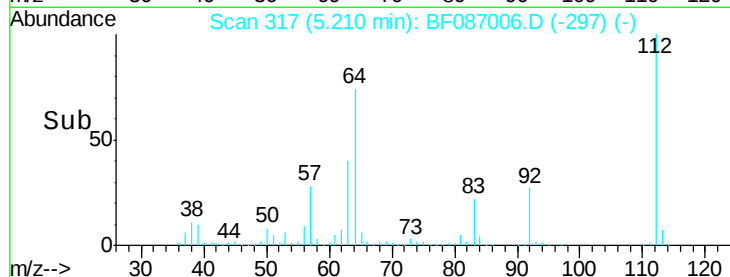
63 40.2 25.7 38.5#



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: 9.43 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

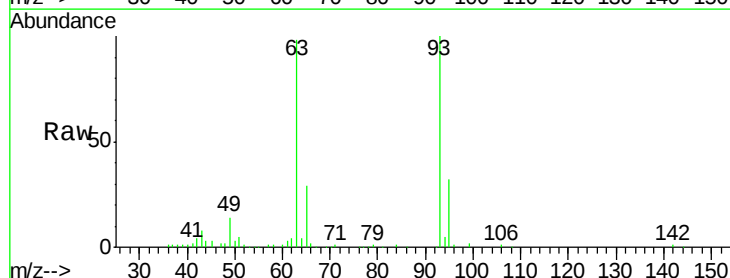
Tgt Ion: 93 Resp: 235414

Ion Ratio Lower Upper

93 100

66 1.6 39.0 58.6#

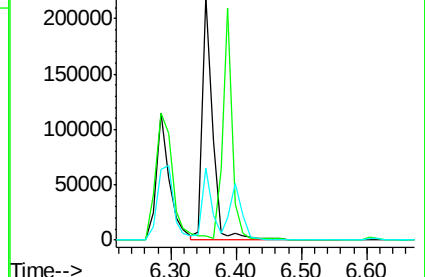
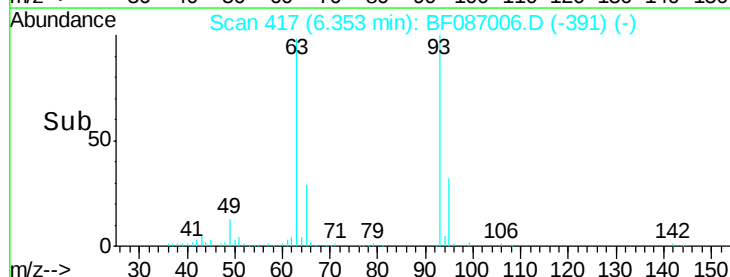
65 29.4 20.6 31.0

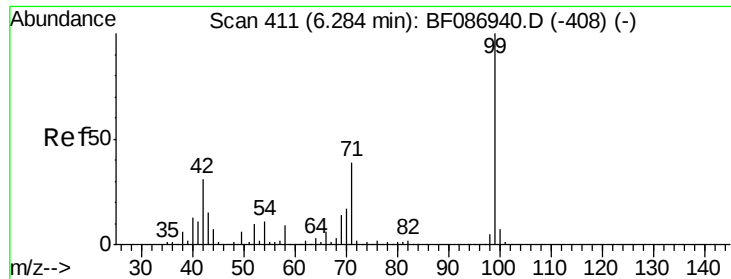


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.17 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

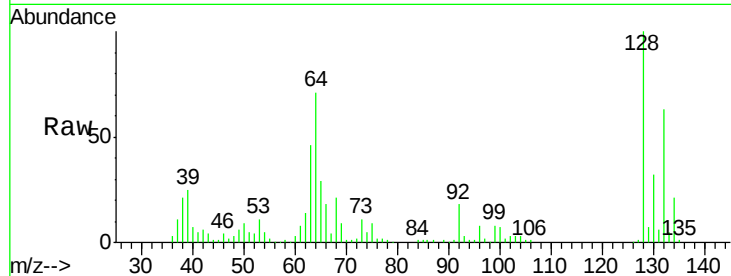
Tgt Ion: 99 Resp: 24241

Ion Ratio Lower Upper

99 100

42 77.1 13.6 20.4#

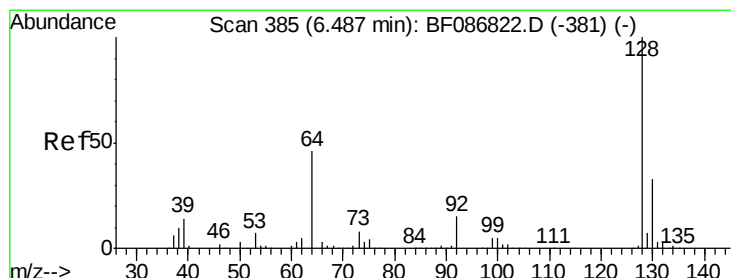
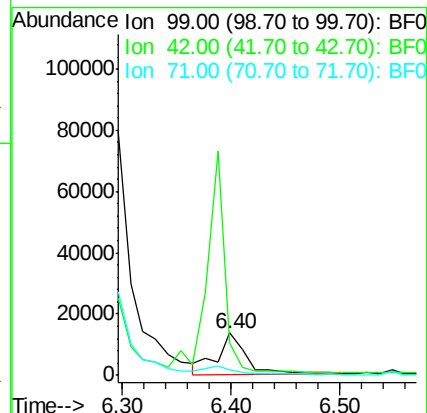
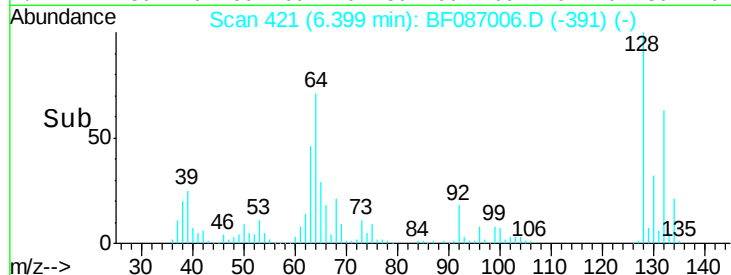
71 11.8 24.6 36.8#



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: 11.92 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

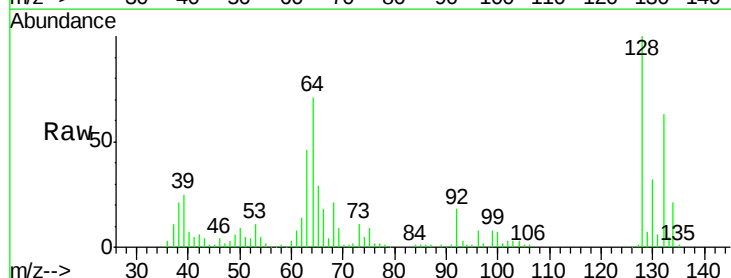
Tgt Ion: 128 Resp: 222261

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

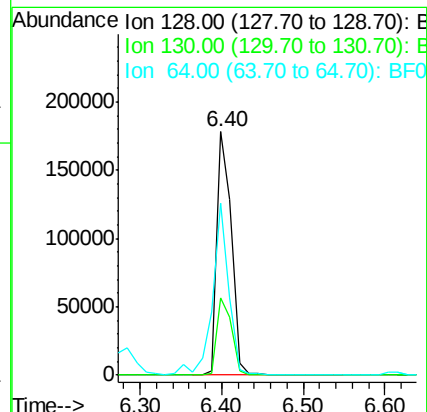
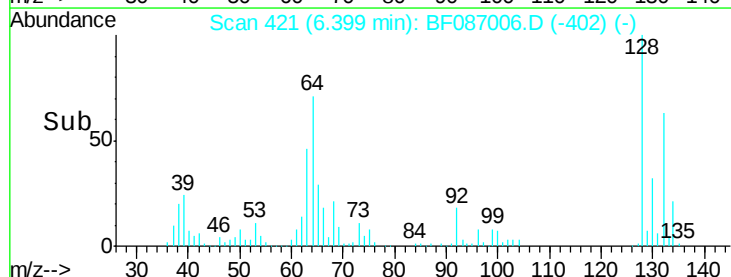
64 70.6 27.3 67.3#

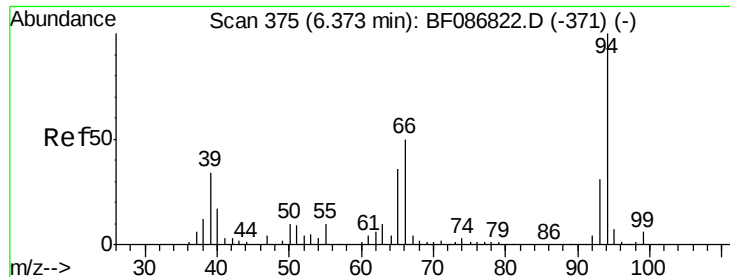


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 10.78 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampled :

WC-2MS

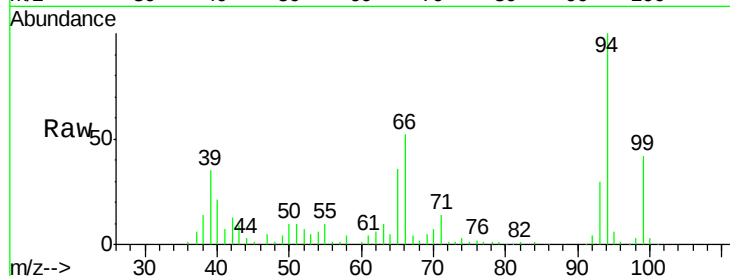
Tgt Ion: 94 Resp: 264594

Ion Ratio Lower Upper

94 100

65 35.8 7.2 47.2

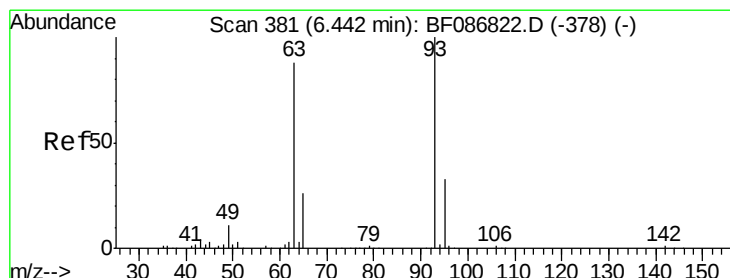
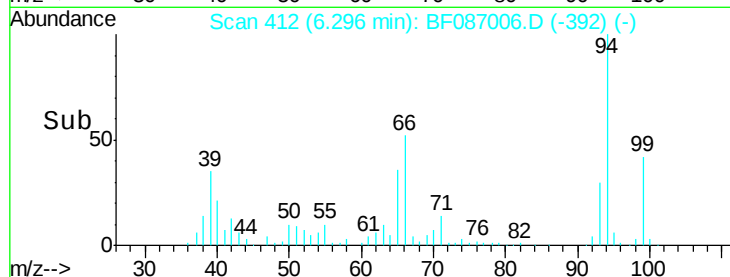
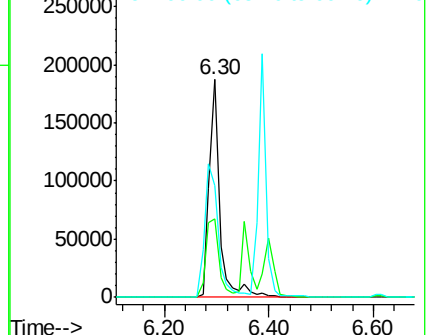
66 51.6 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.30 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

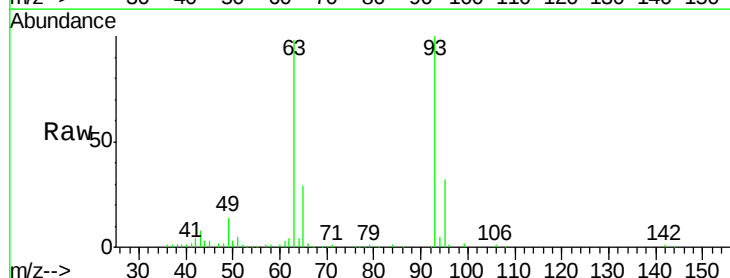
Tgt Ion: 93 Resp: 235414

Ion Ratio Lower Upper

93 100

63 98.4 58.0 98.0#

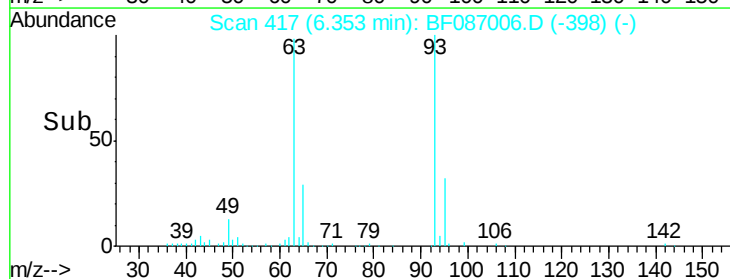
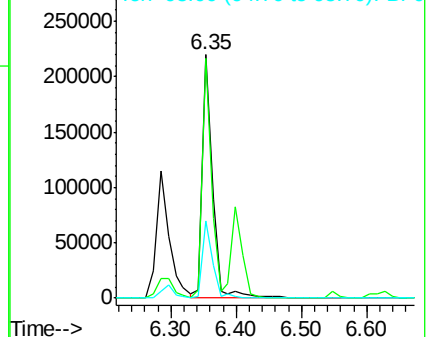
95 32.0 11.9 51.9

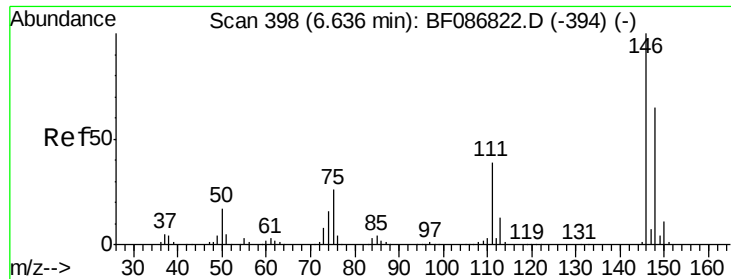


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 10.07 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampled :

WC-2MS

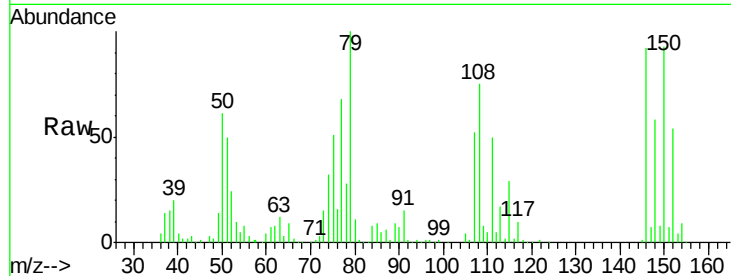
Tgt Ion:146 Resp: 203164

Ion Ratio Lower Upper

146 100

148 63.3 52.4 78.6

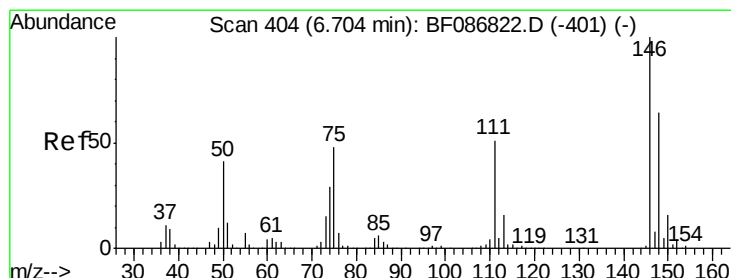
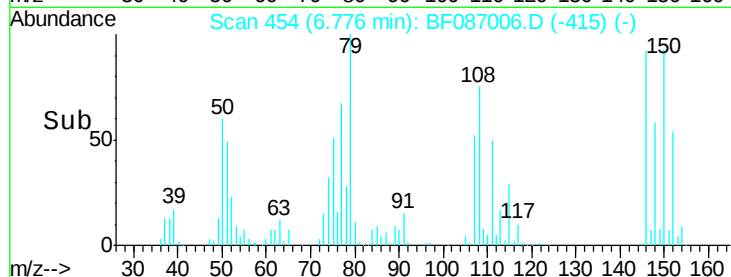
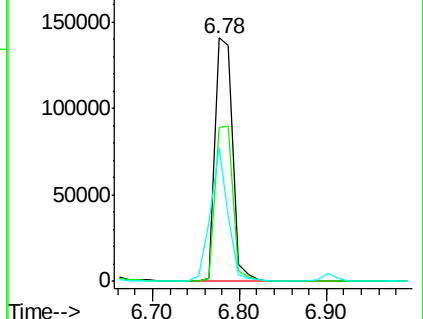
75 54.8 22.8 34.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.54 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

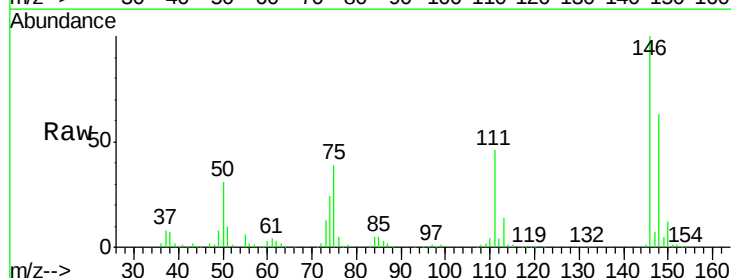
Tgt Ion:146 Resp: 237489

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.4

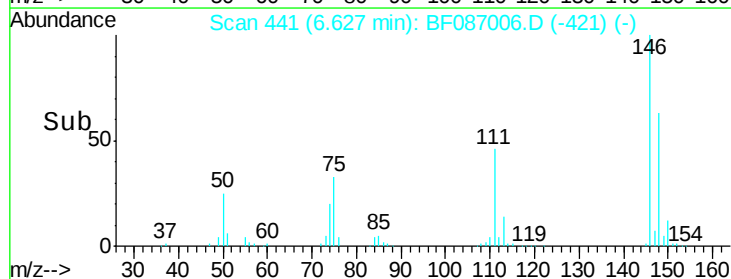
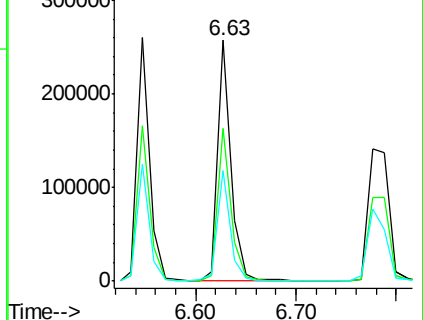
111 46.0 30.7 46.1

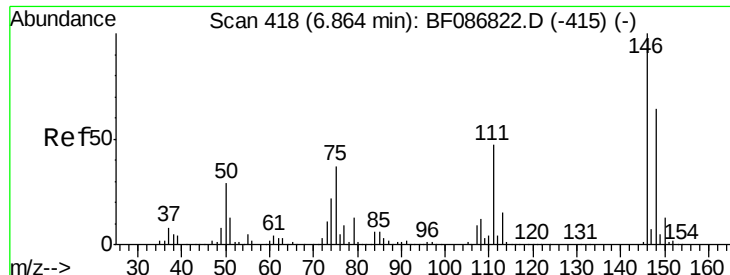


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

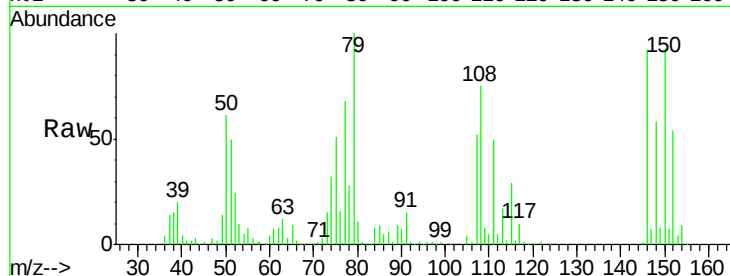




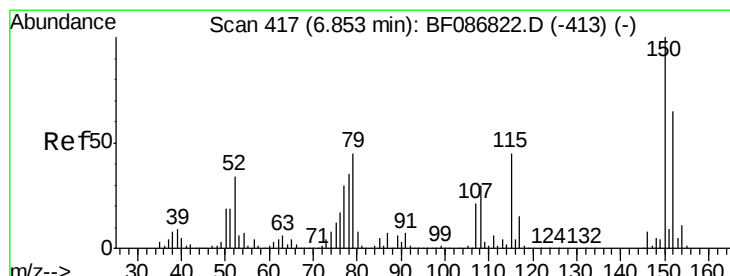
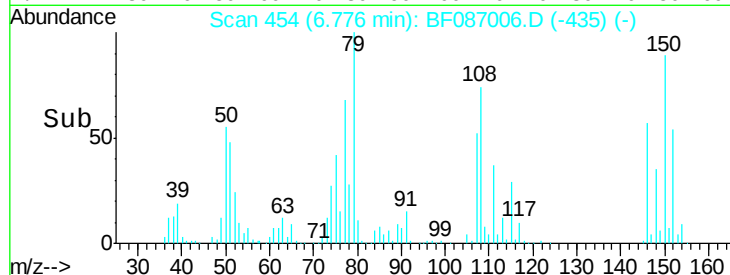
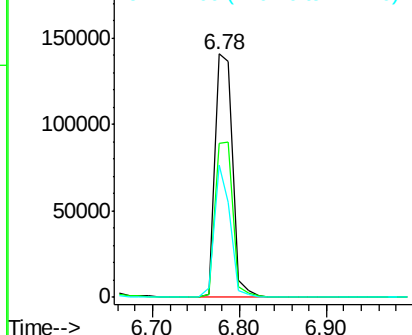
#14
 1,2-Dichlorobenzene
 Concen: 11.33 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion: 146 Resp: 203164
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 54.5 36.2 54.4#

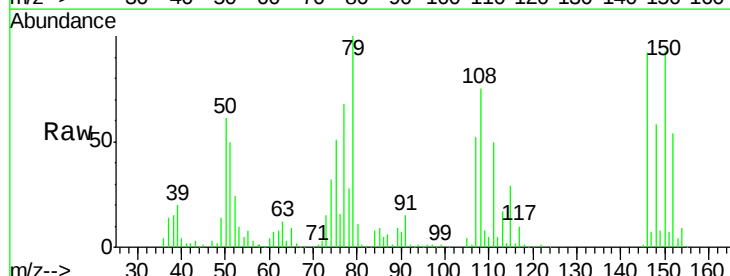


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

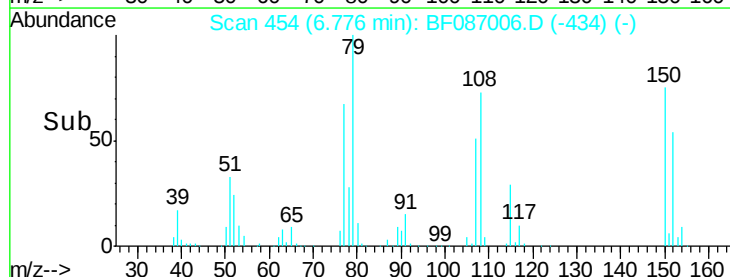
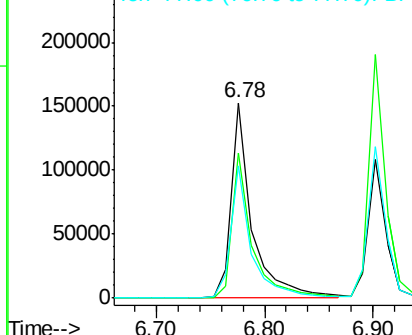


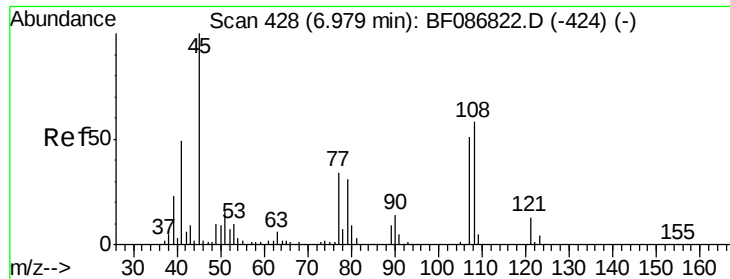
#15
 Benzyl Alcohol
 Concen: 14.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion: 79 Resp: 201652
 Ion Ratio Lower Upper
 79 100
 108 74.6 68.4 102.6
 77 67.5 50.6 76.0



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

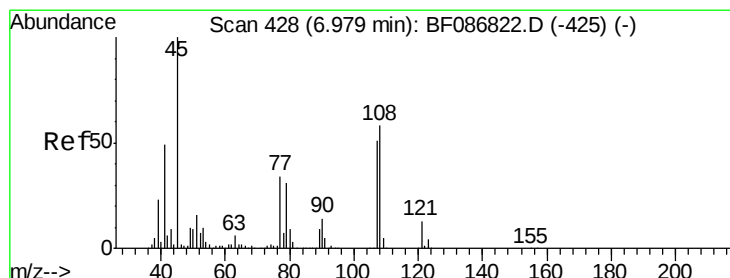
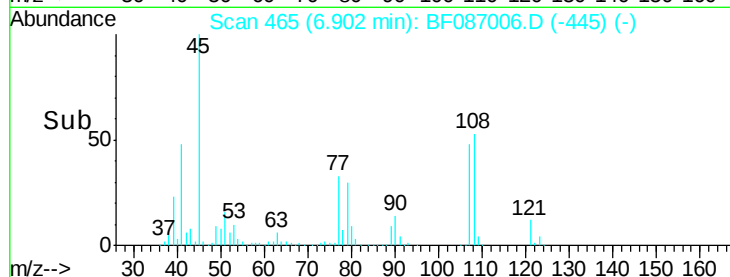
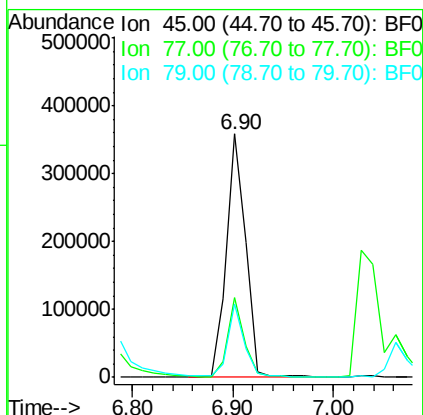
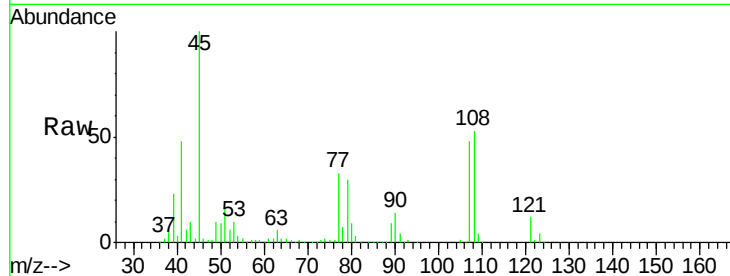




#16
2,2'-oxybis(1-chloropropane)
Concen: 11.26 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

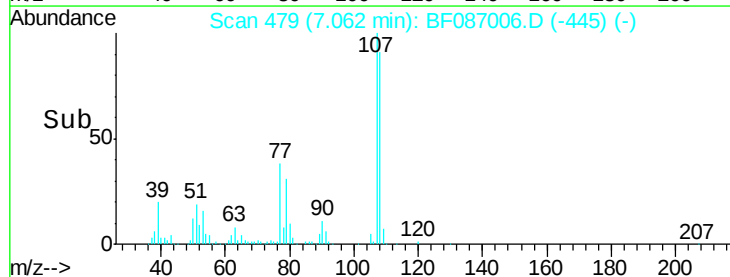
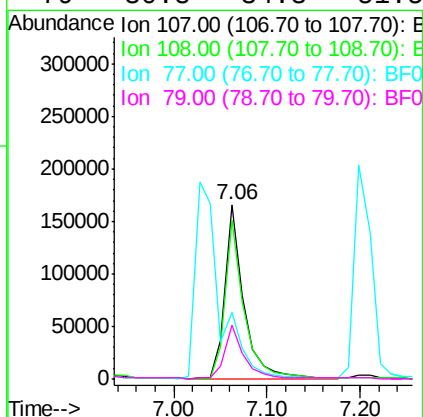
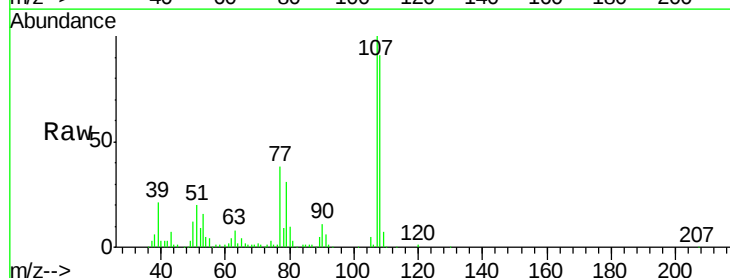
Instrument :
BNA_F
ClientSampleId :
WC-2MS

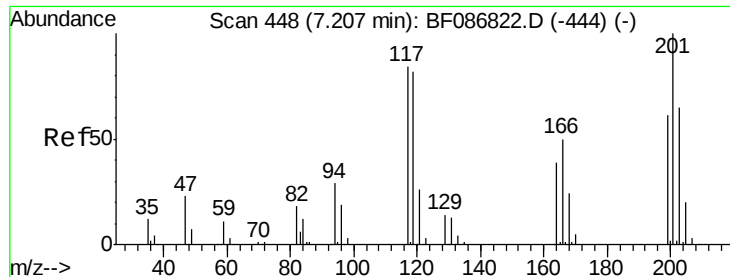
Tgt Ion: 45 Resp: 468529
Ion Ratio Lower Upper
45 100
77 32.9 0.0 36.4
79 30.2 0.0 33.4



#17
2-Methylphenol
Concen: 15.83 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 107 Resp: 234826
Ion Ratio Lower Upper
107 100
108 90.7 93.7 140.5#
77 38.2 33.4 50.0
79 30.8 34.3 51.5#

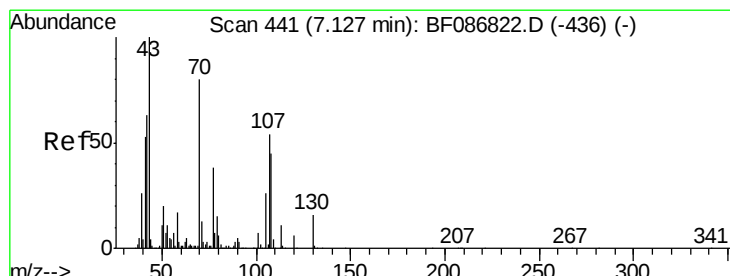
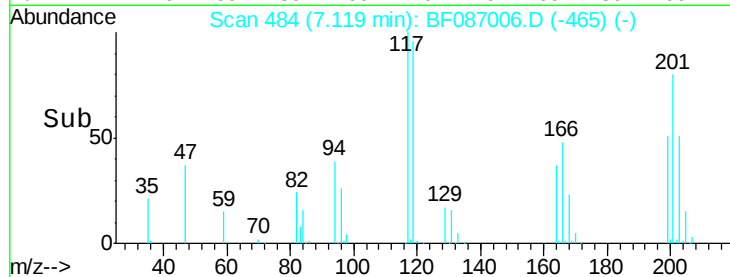
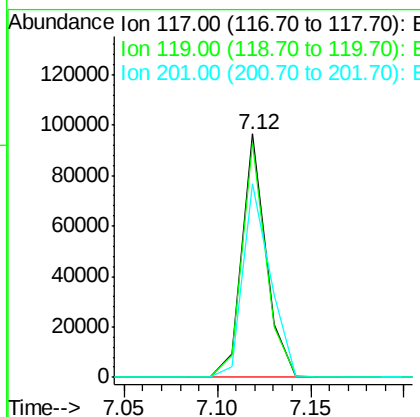
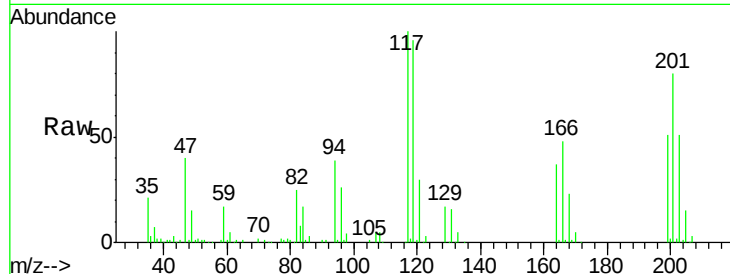




#18
Hexachloroethane
Concen: 11.28 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

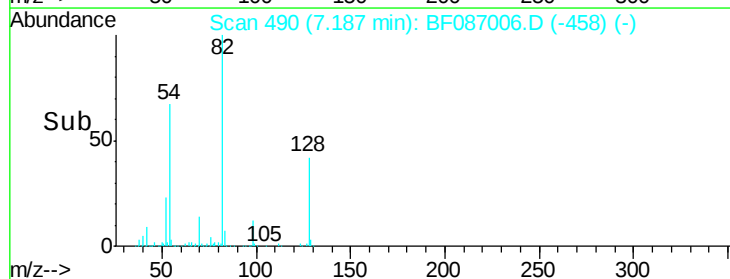
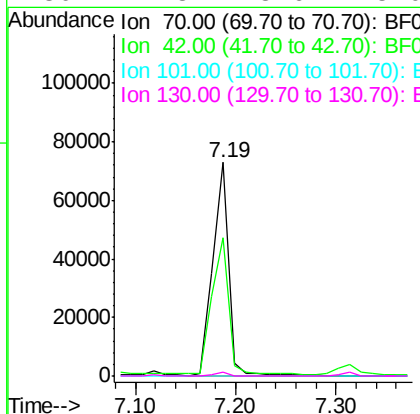
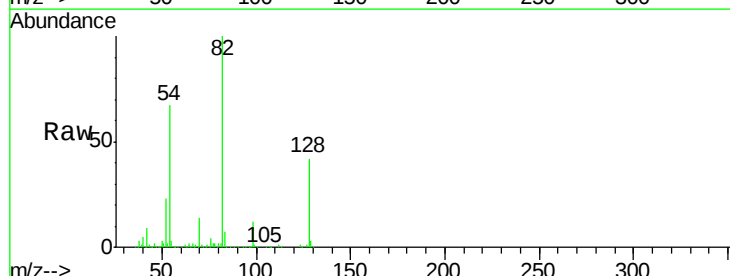
Instrument :
BNA_F
ClientSampleId :
WC-2MS

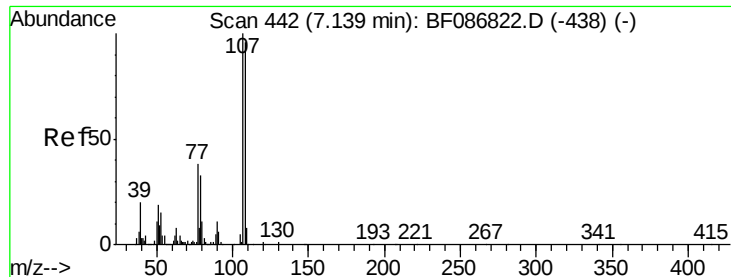
Tgt Ion: 117 Resp: 87300
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 79.7 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.55 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 70 Resp: 80022
Ion Ratio Lower Upper
70 100
42 64.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#





#20

3+4-Methylphenols

Concen: 12.10 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:107 Resp: 234451

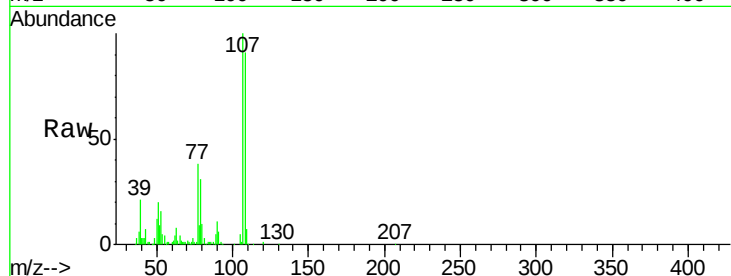
Ion Ratio Lower Upper

107 100

108 90.7 68.5 108.5

77 38.2 101.6 141.6#

79 30.8 7.4 47.4

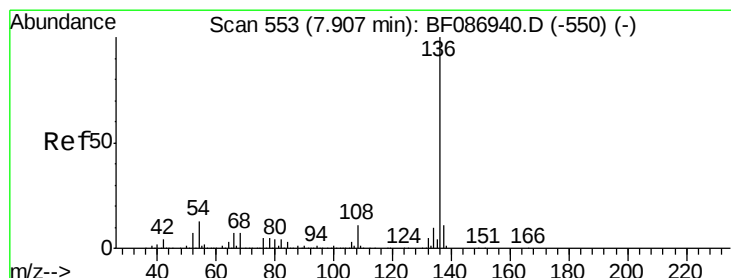
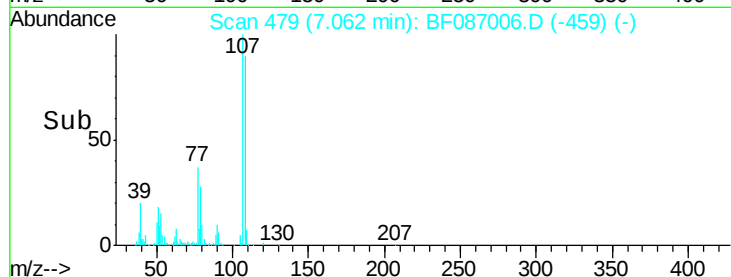
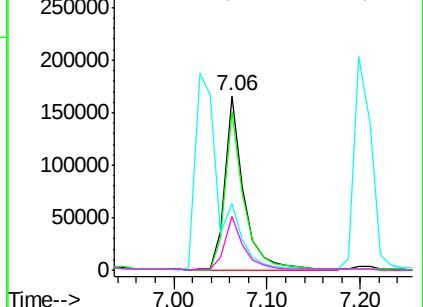


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Tgt Ion:136 Resp: 460138

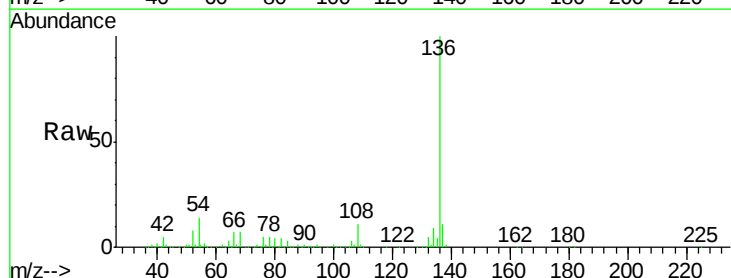
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.8 5.0 7.4#

68 7.3 4.4 6.6#

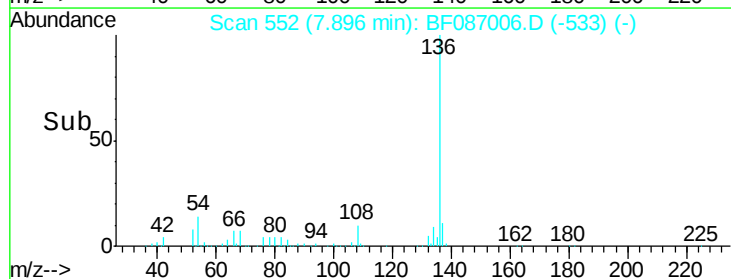
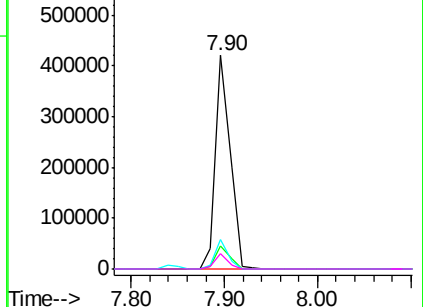


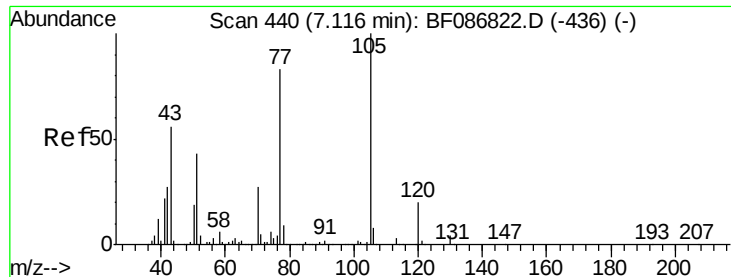
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 30.38 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

Tgt Ion:105 Resp: 330236

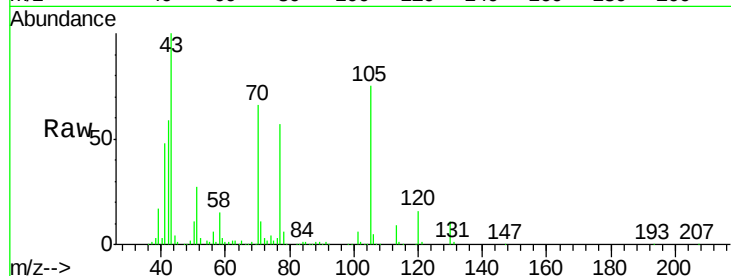
Ion Ratio Lower Upper

105 100

71 14.5 4.8 7.2#

51 35.4 32.6 49.0

120 21.2 16.5 24.7

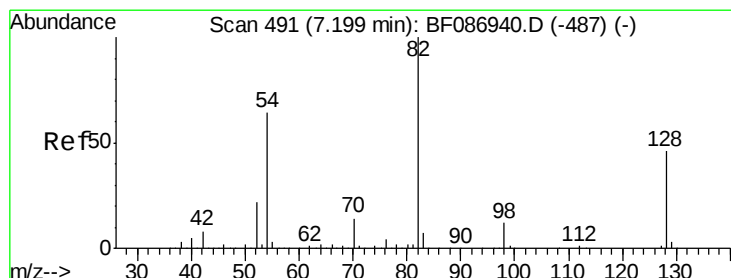
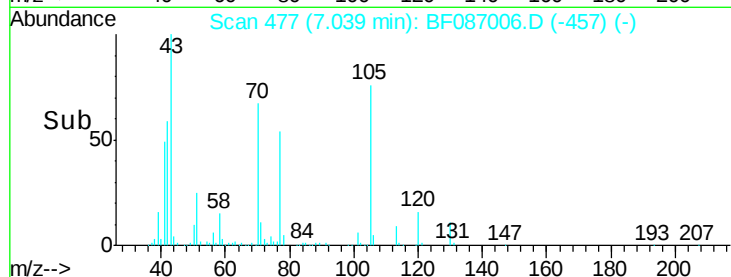
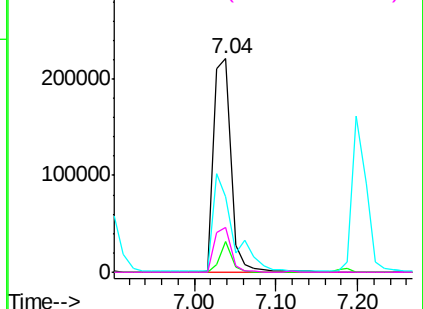


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.30 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

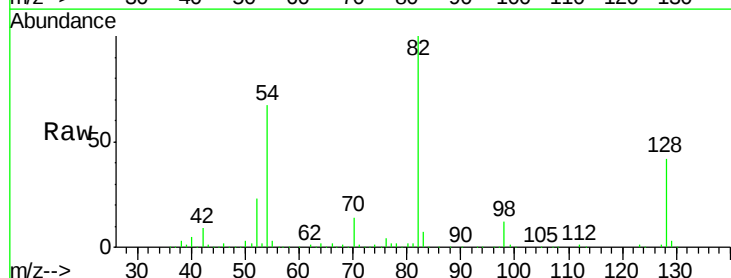
Tgt Ion: 82 Resp: 561715

Ion Ratio Lower Upper

82 100

128 42.2 40.6 61.0

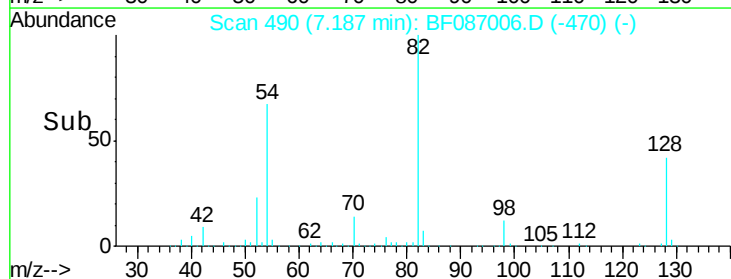
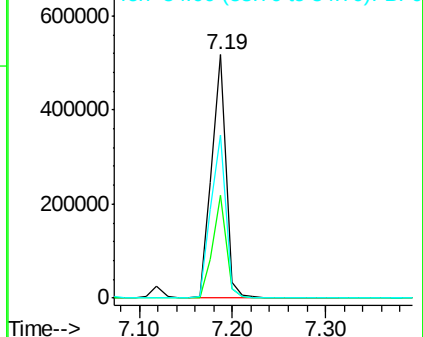
54 66.8 38.1 57.1#

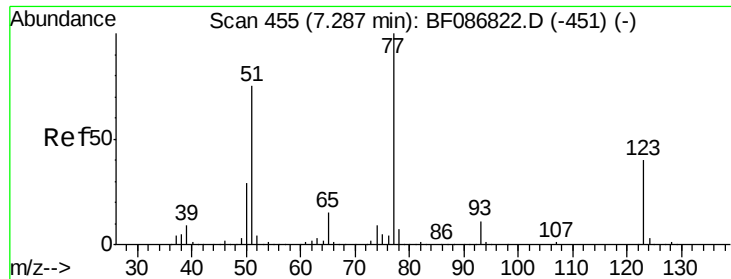


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

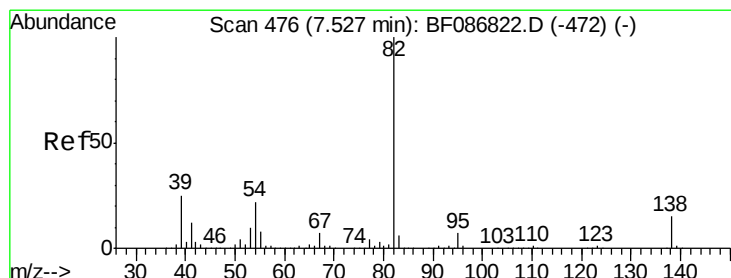
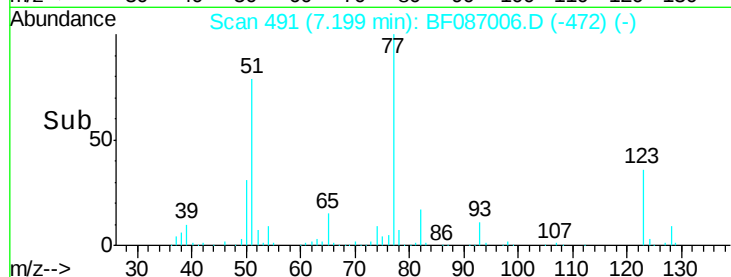
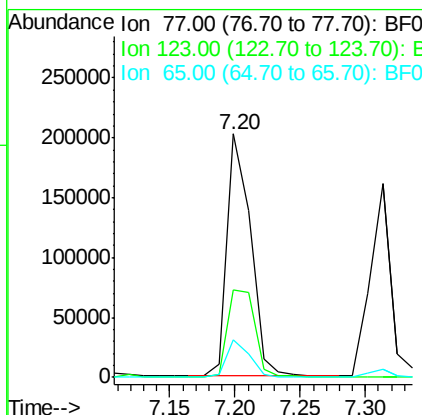
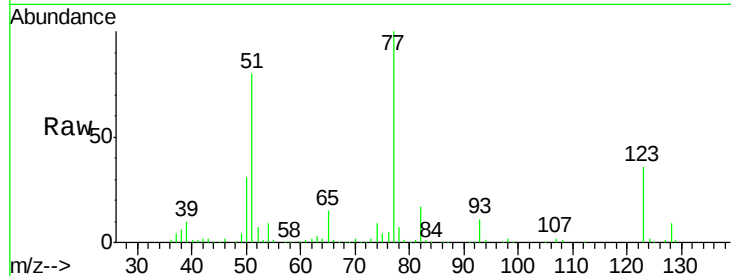




#24
 Nitrobenzene
 Concen: 27.02 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

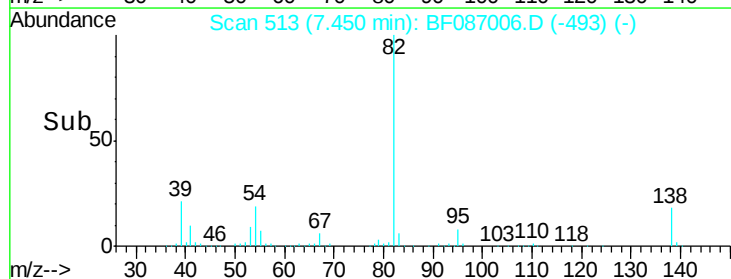
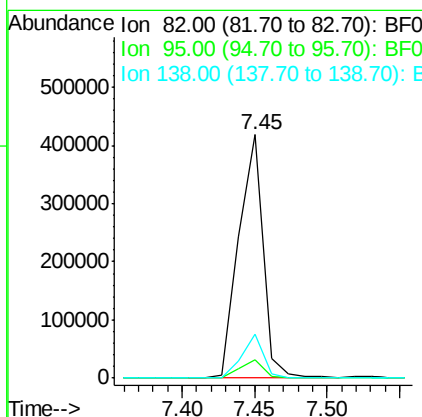
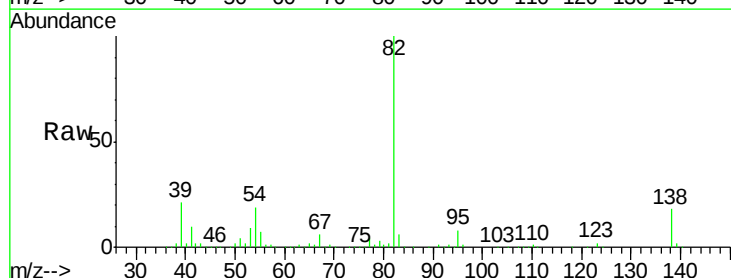
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

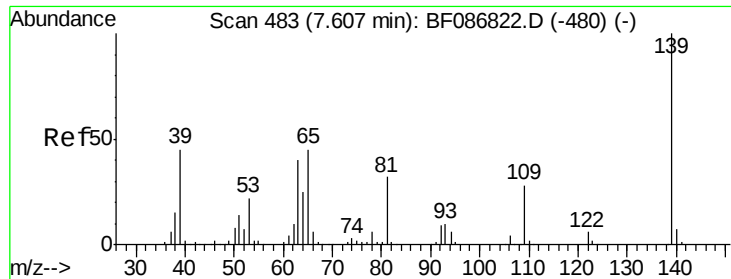
Tgt Ion: 77 Resp: 254683
 Ion Ratio Lower Upper
 77 100
 123 36.0 33.0 49.4
 65 15.2 10.8 16.2



#25
 Isophorone
 Concen: 28.71 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion: 82 Resp: 488061
 Ion Ratio Lower Upper
 82 100
 95 7.5 5.1 7.7
 138 17.8 12.4 18.6

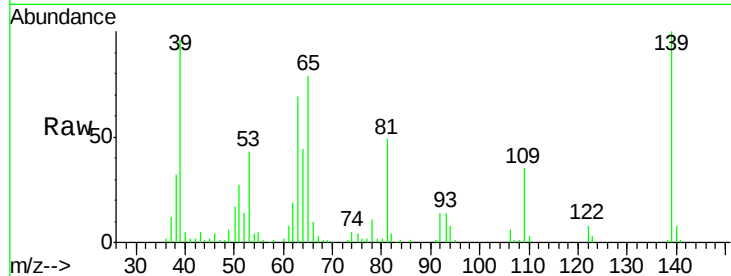




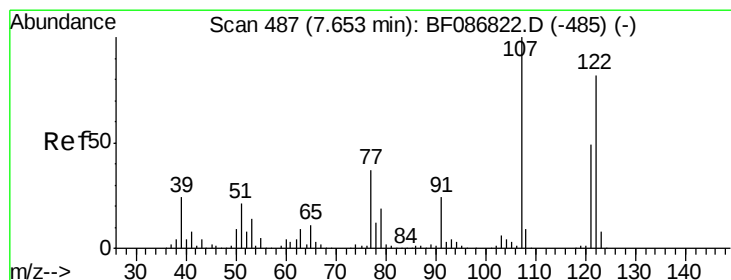
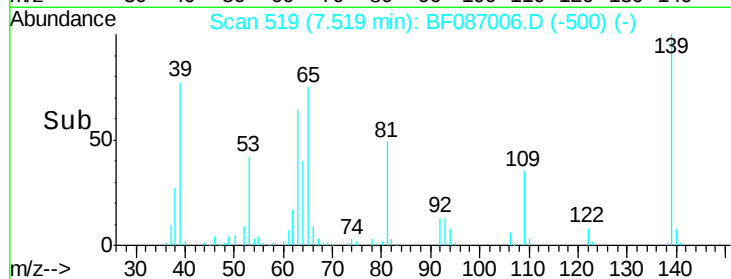
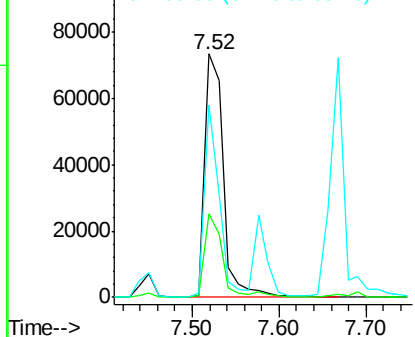
#26
 2-Nitrophenol
 Concen: 26.44 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion:139 Resp: 109574
 Ion Ratio Lower Upper
 139 100
 109 34.6 19.5 29.3#
 65 79.0 37.5 56.3#

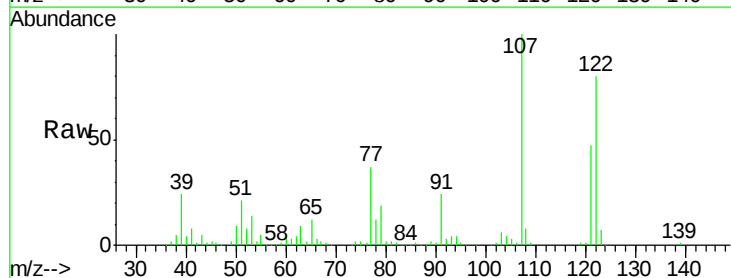


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

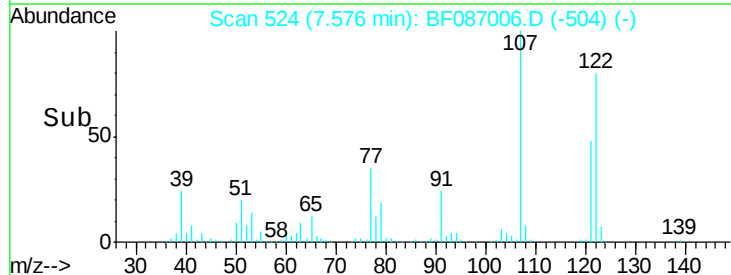
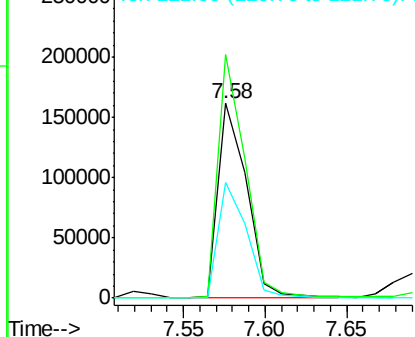


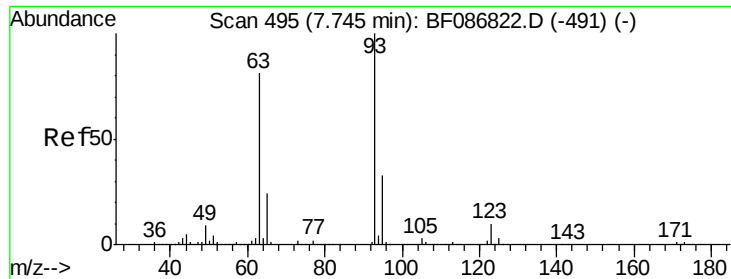
#27
 2,4-Dimethylphenol
 Concen: 28.02 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:122 Resp: 197760
 Ion Ratio Lower Upper
 122 100
 107 124.9 82.0 123.0#
 121 59.2 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



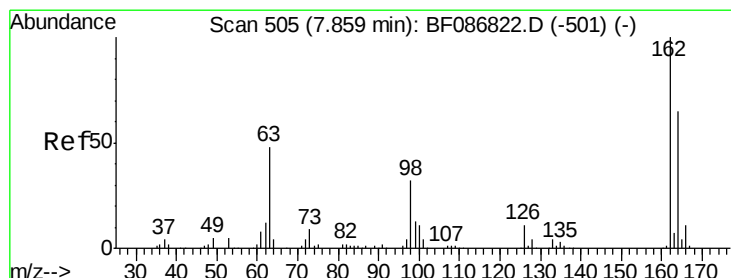
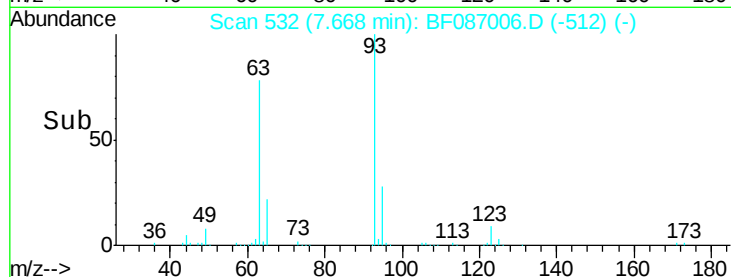
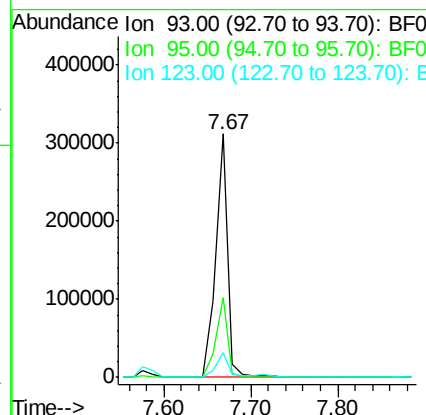
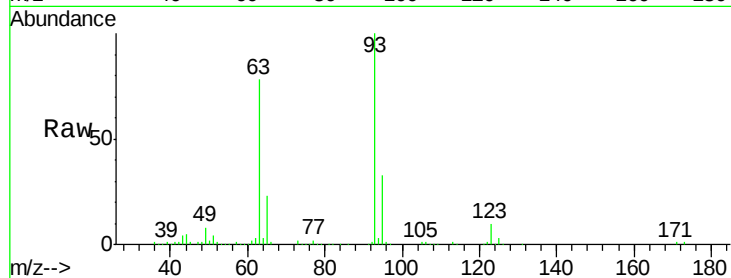


#28
bis(2-Chloroethoxy)methane
Concen: 32.90 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 93 Resp: 301703

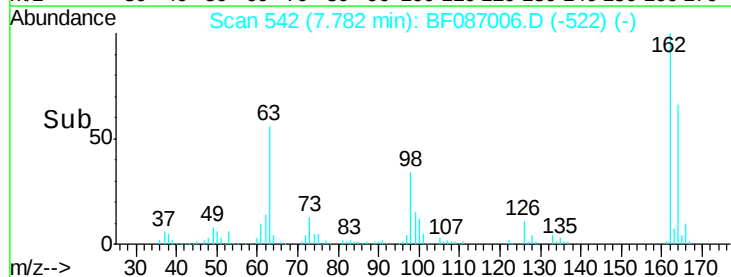
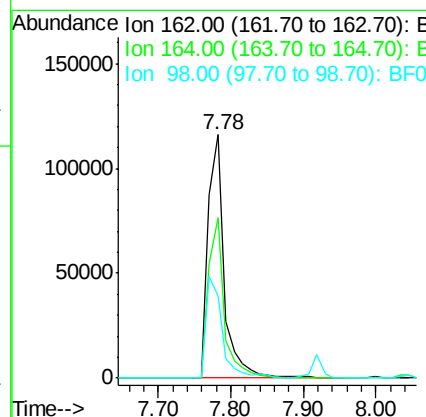
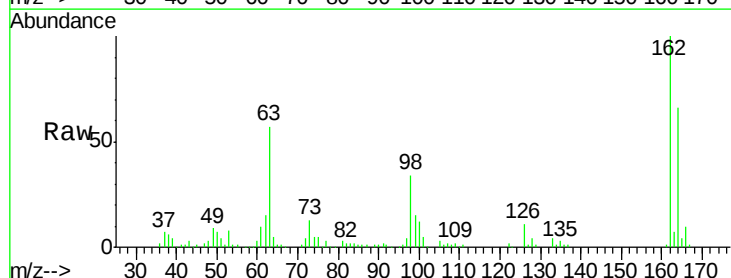
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	10.2	9.5	14.3

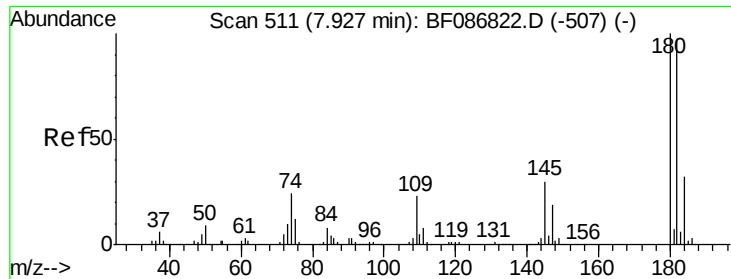


#29
2,4-Dichlorophenol
Concen: 28.95 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 162 Resp: 179838

Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.2	82.2
98	33.7	19.0	59.0

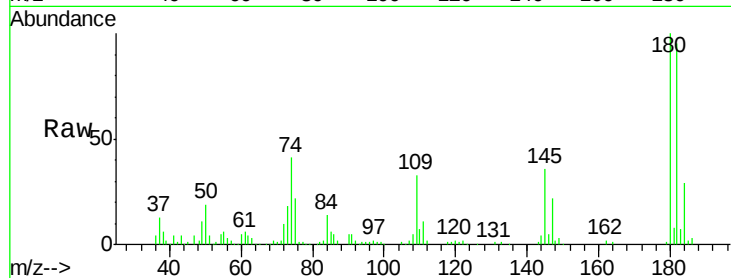




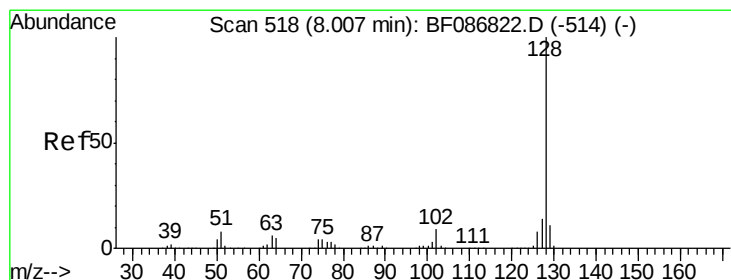
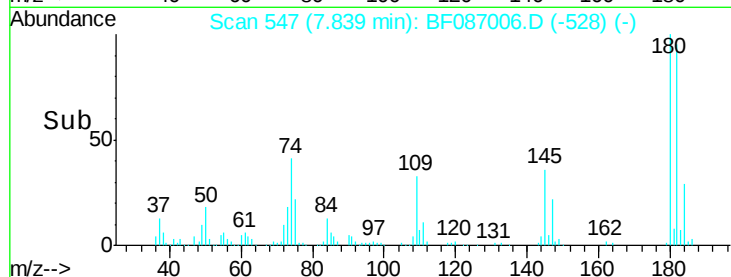
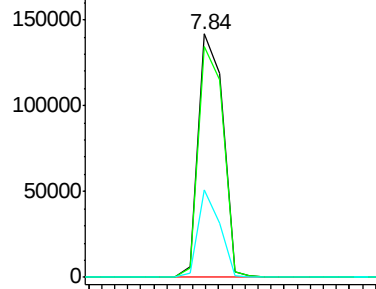
#30
 1,2,4-Trichlorobenzene
 Concen: 26.80 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion:180 Resp: 186152
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.0 117.0
 145 35.7 24.2 36.2

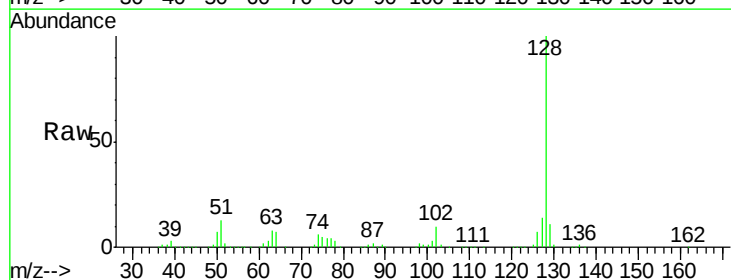


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

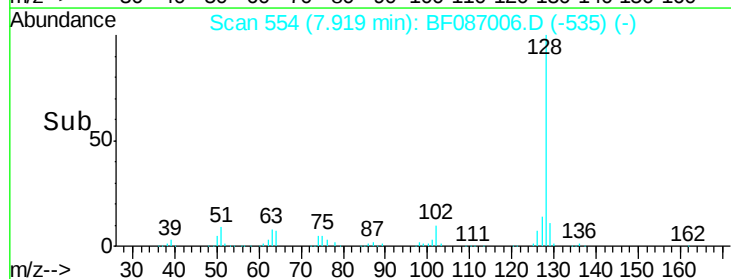
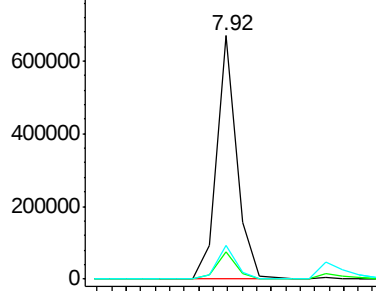


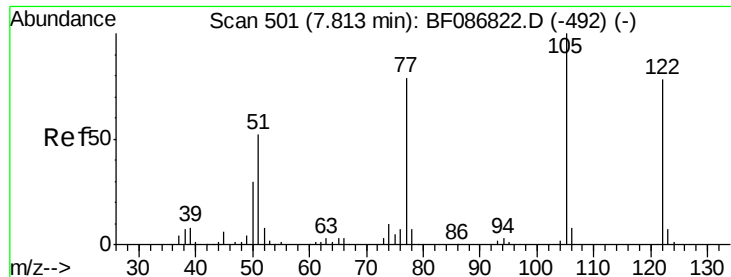
#31
 Naphthalene
 Concen: 27.75 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:128 Resp: 639483
 Ion Ratio Lower Upper
 128 100
 129 11.2 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: 24.81 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

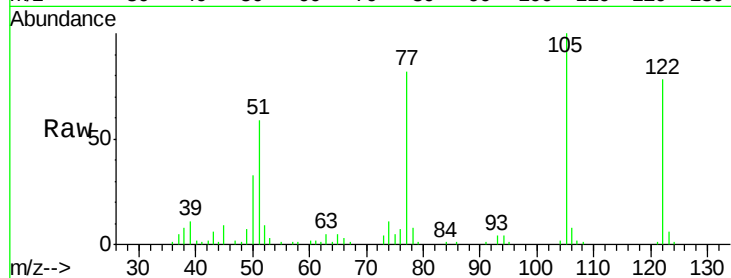
Tgt Ion:122 Resp: 102839

Ion Ratio Lower Upper

122 100

105 128.8 92.6 132.6

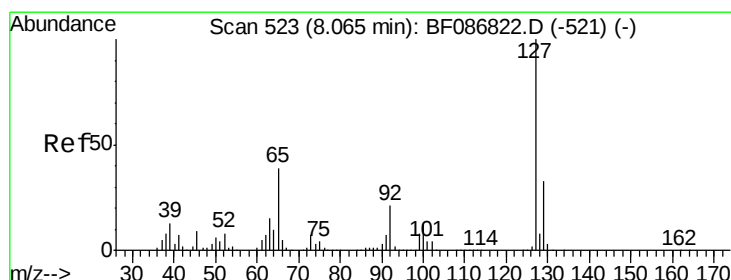
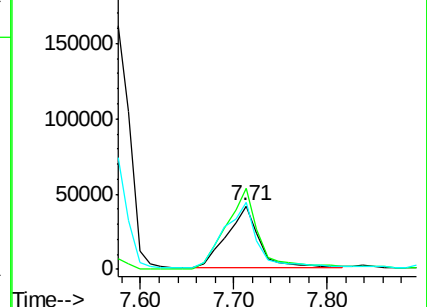
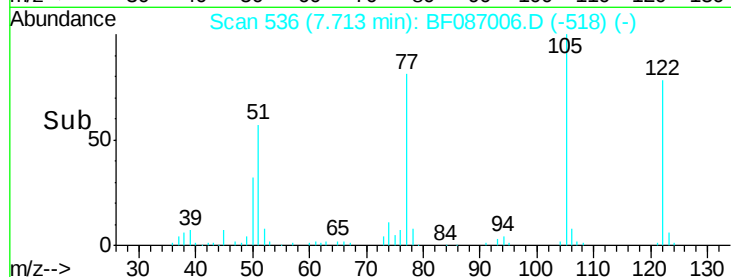
77 106.2 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 8.05 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Tgt Ion:127 Resp: 72133

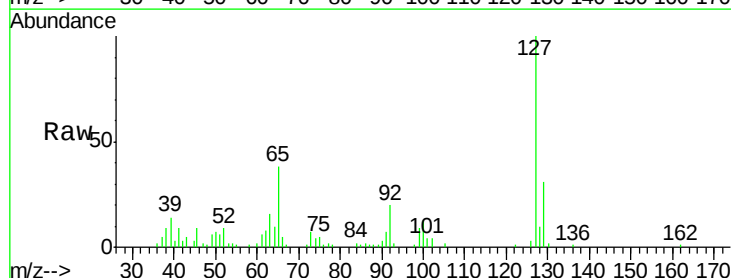
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.4

65 38.0 23.0 34.4#

92 19.6 15.1 22.7

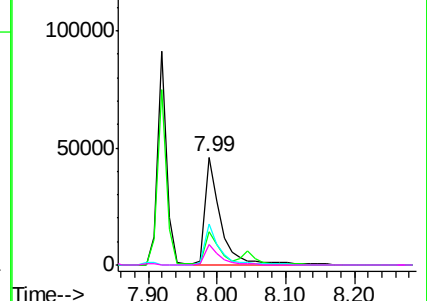
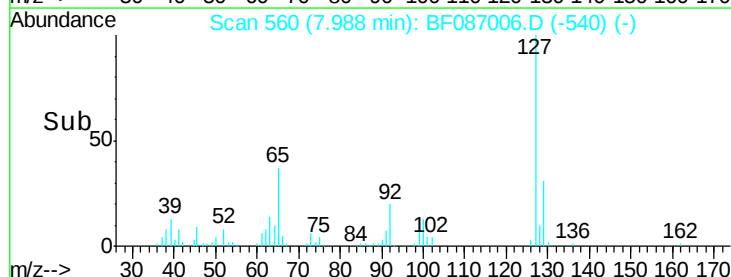


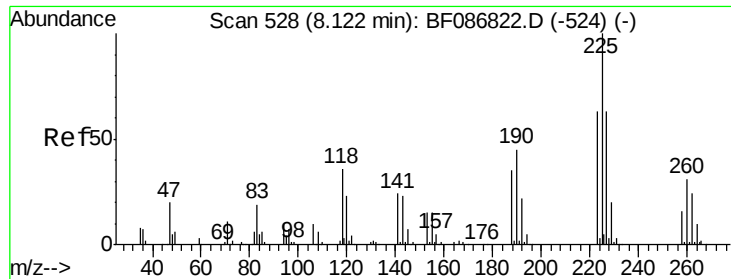
Abundance Ion 127.00 (126.70 to 127.70): E

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

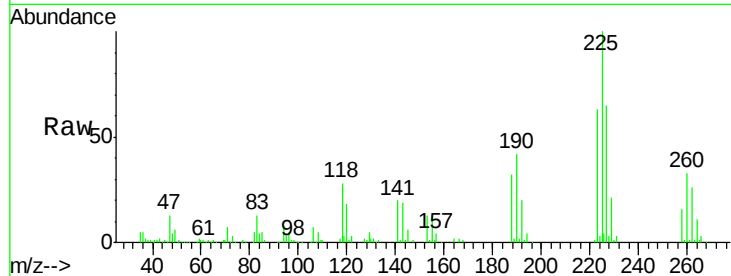




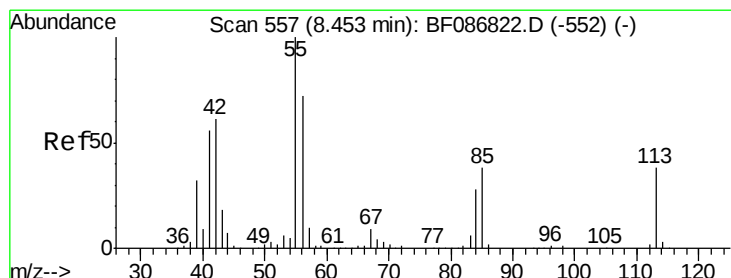
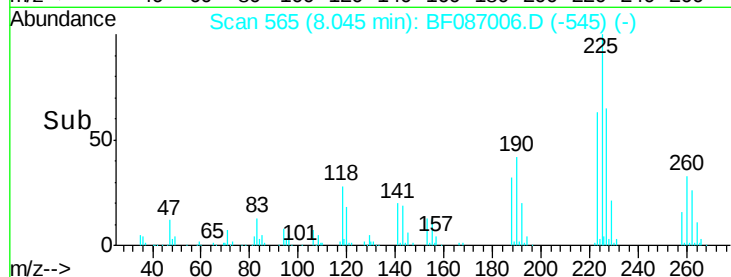
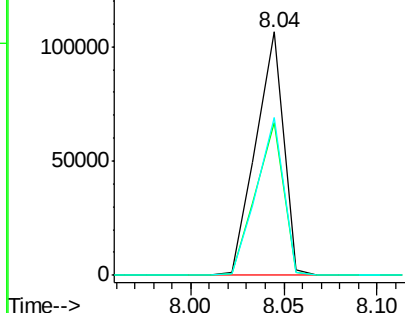
#34
Hexachlorobutadiene
Concen: 27.12 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 225 Resp: 109299
Ion Ratio Lower Upper
225 100
223 62.5 51.5 77.3
227 65.0 52.2 78.2

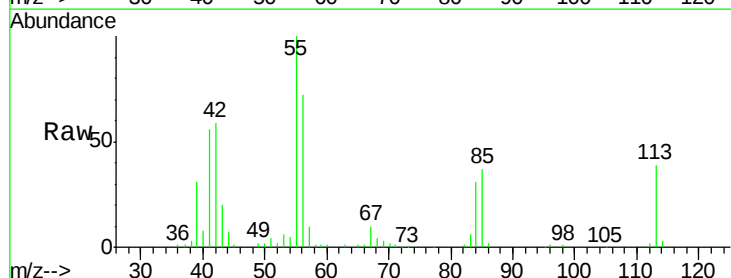


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

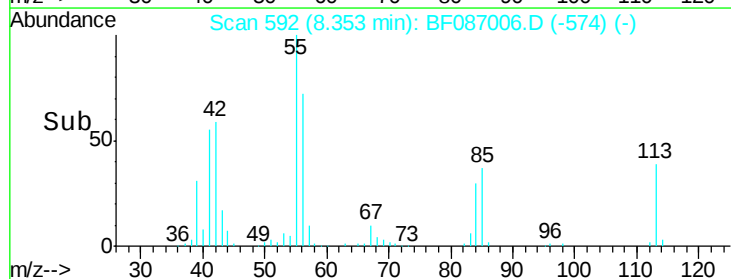
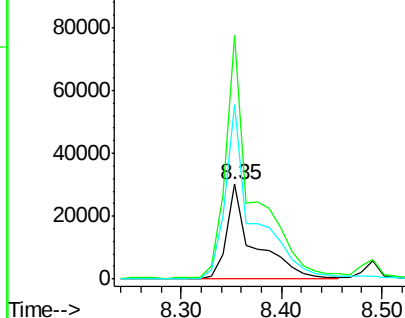


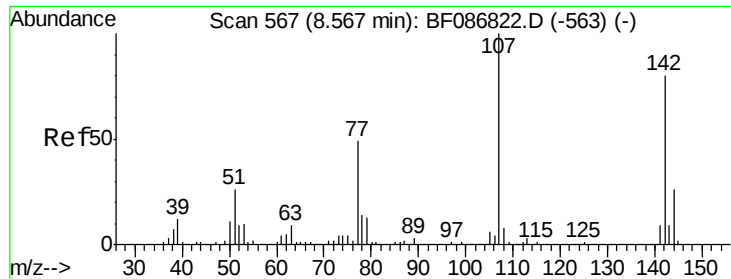
#35
Caprolactam
Concen: 26.78 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.10 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 113 Resp: 56598
Ion Ratio Lower Upper
113 100
55 257.5 162.0 202.0#
56 184.2 115.3 155.3#



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

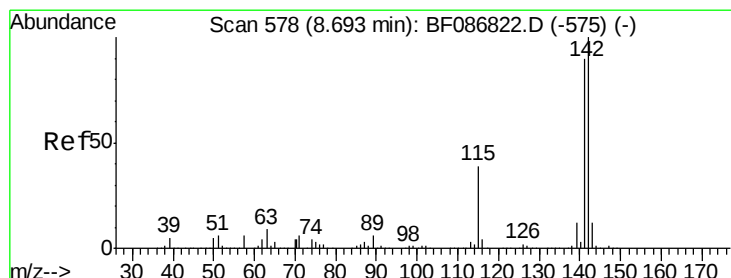
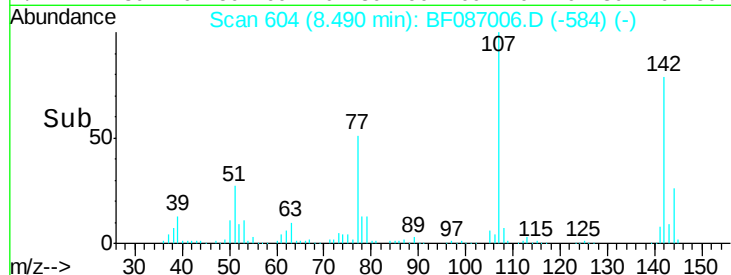
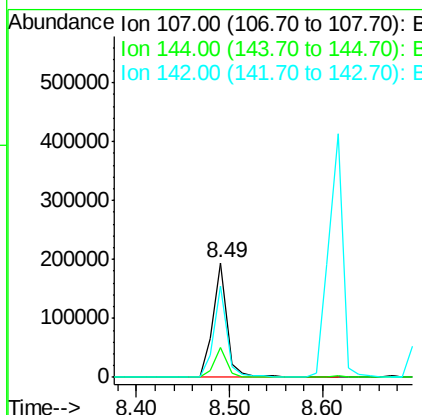
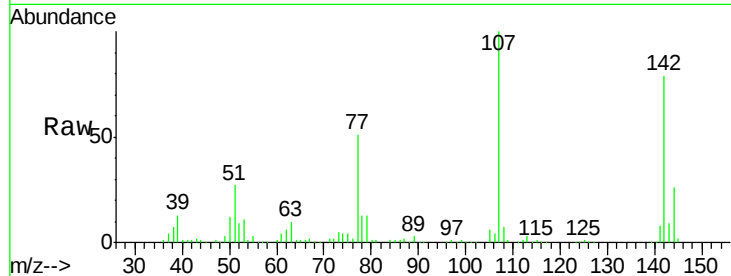




#36
 4-Chloro-3-methylphenol
 Concen: 27.60 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

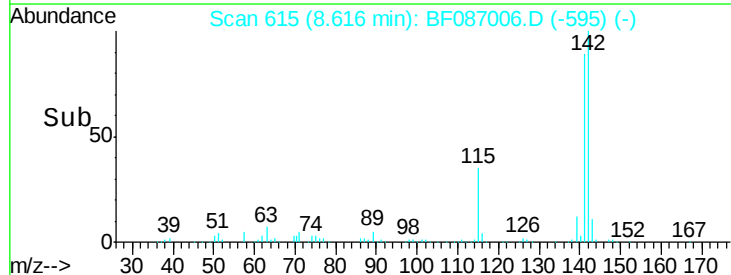
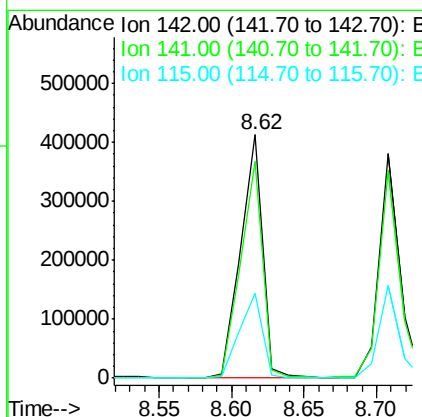
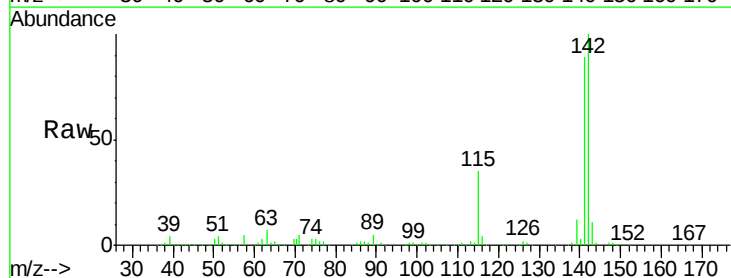
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

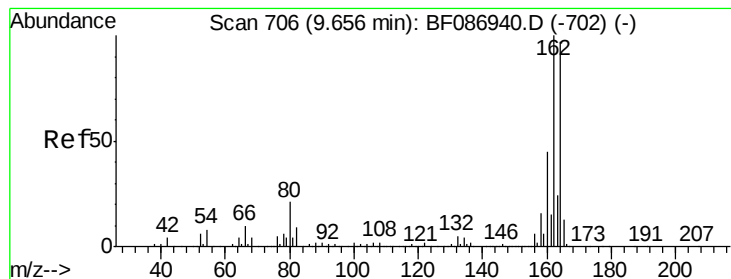
Tgt Ion:107 Resp: 207930
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 79.1 63.2 94.8



#37
 2-Methylnaphthalene
 Concen: 32.15 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:142 Resp: 433196
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 35.0 26.6 39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

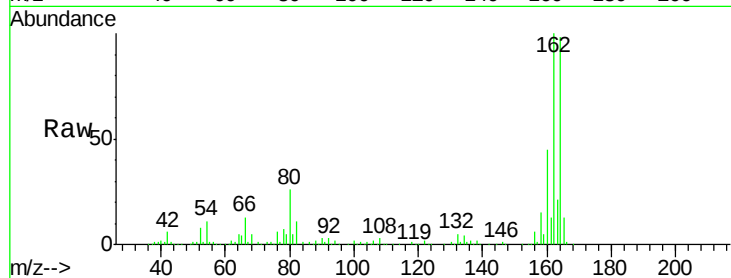
Tgt Ion:164 Resp: 221811

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

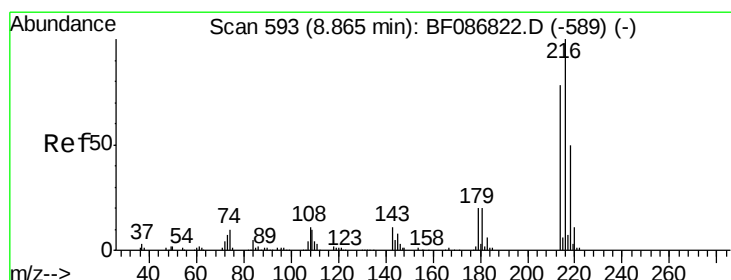
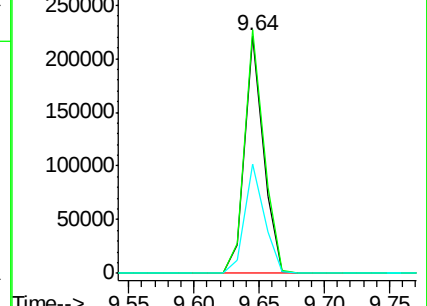
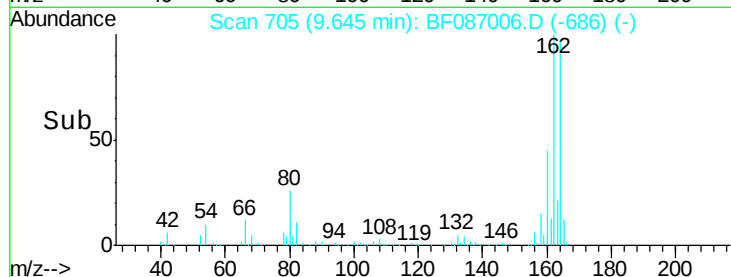
160 46.2 36.9 55.3



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: 26.96 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Tgt Ion:216 Resp: 173862

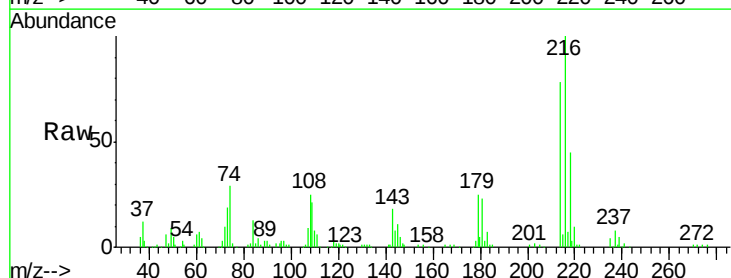
Ion Ratio Lower Upper

216 100

214 77.1 62.6 93.8

179 22.7 18.2 27.4

108 24.9 17.5 26.3

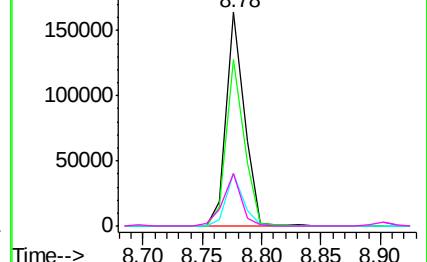
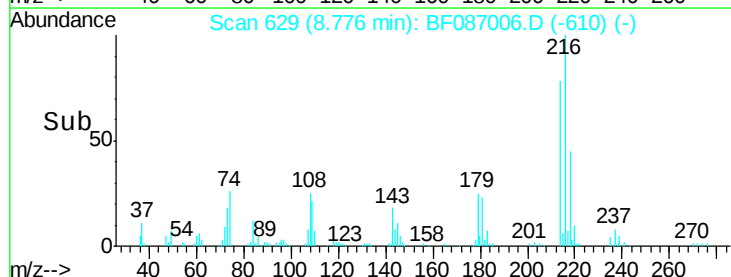


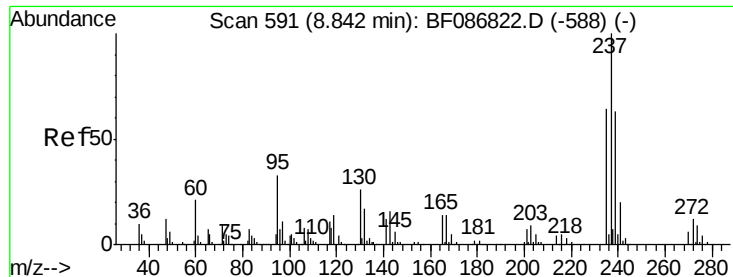
Abundance Ion 216.00 (215.70 to 216.70): E

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

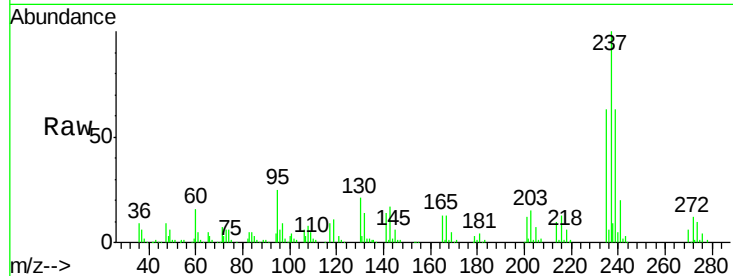




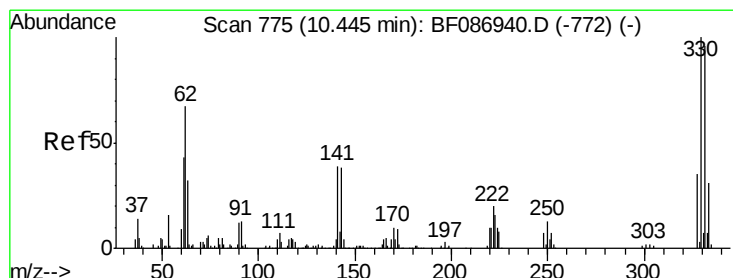
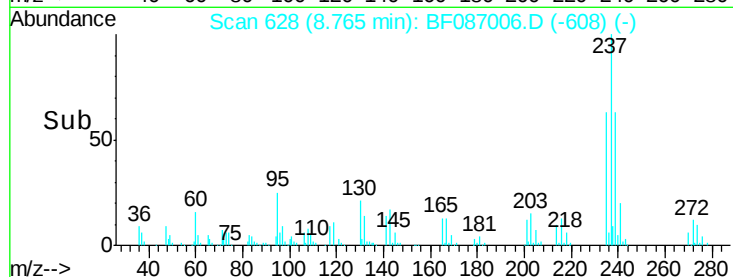
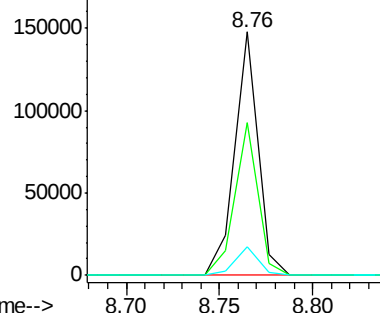
#40
Hexachlorocyclopentadiene
Concen: 41.45 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tgt Ion: 237 Resp: 126894
Ion Ratio Lower Upper
237 100
235 62.9 47.2 87.2
272 12.0 0.0 31.1

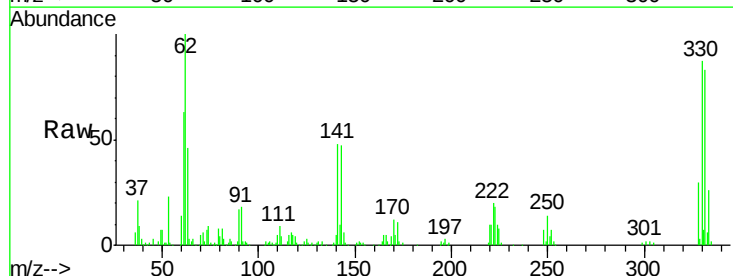


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

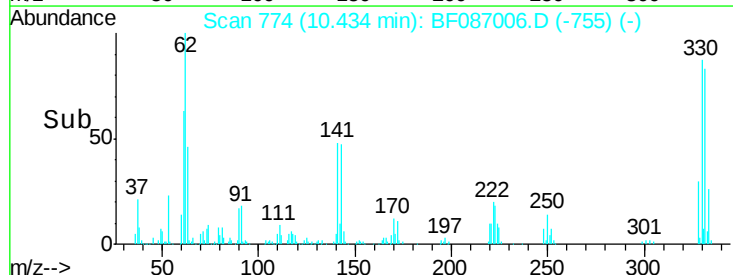
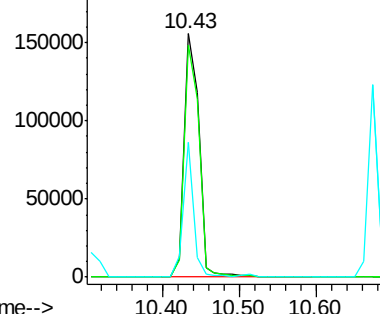


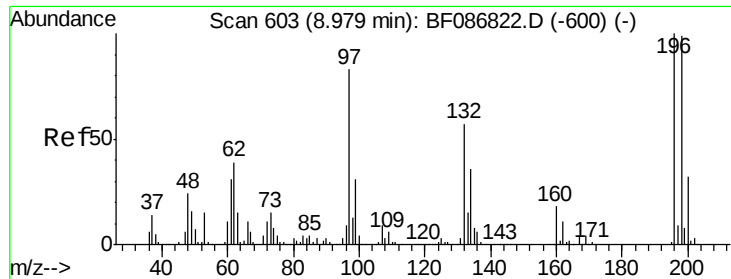
#41
2,4,6-Tribromophenol
Concen: 88.54 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 330 Resp: 207913
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.4
141 38.5 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

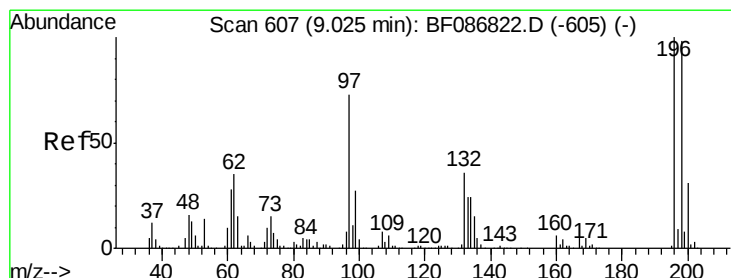
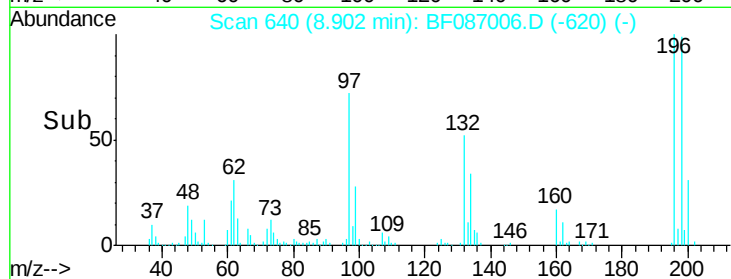
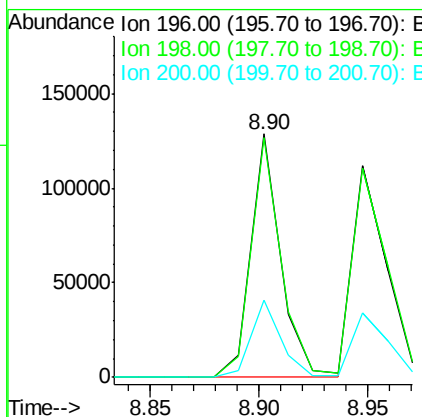
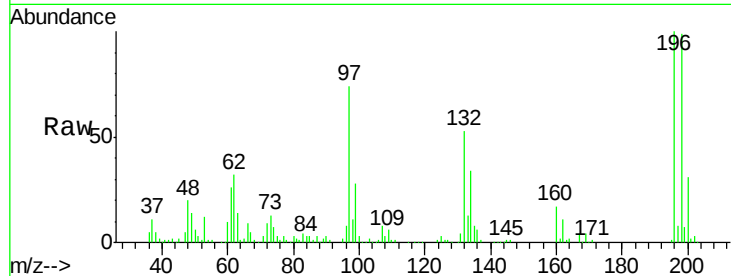




#42
 2,4,6-Trichlorophenol
 Concen: 28.56 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

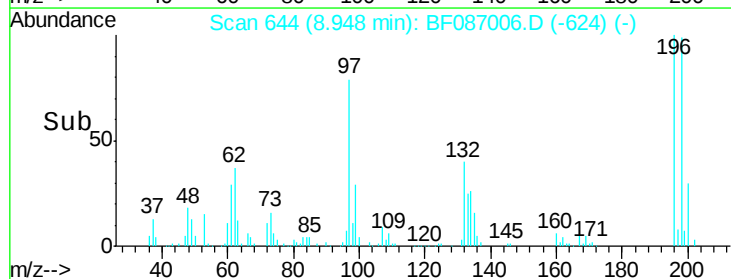
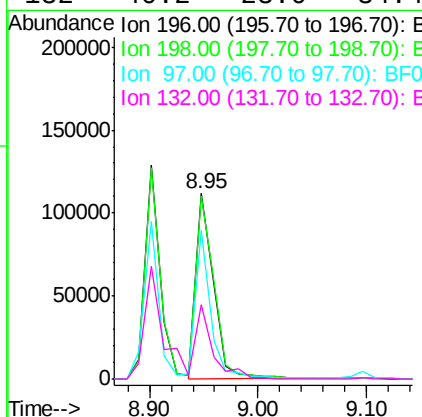
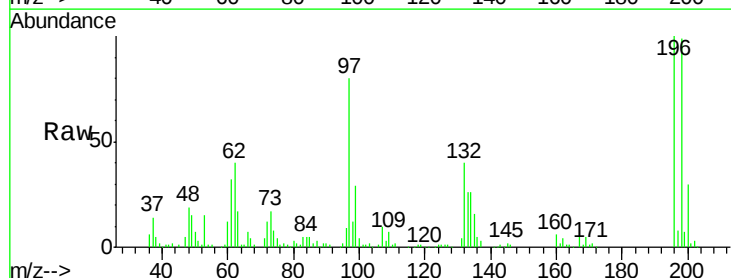
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

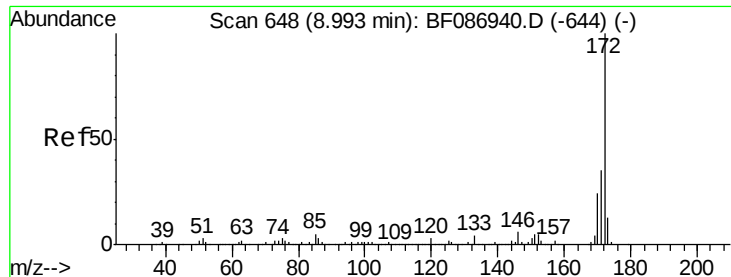
Tgt Ion:196 Resp: 123176
 Ion Ratio Lower Upper
 196 100
 198 98.7 74.7 112.1
 200 31.5 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 28.27 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:196 Resp: 126101
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.5 116.3
 97 80.1 34.8 52.2#
 132 40.2 23.0 34.4#





#44

2-Fluorobiphenyl

Concen: 71.94 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

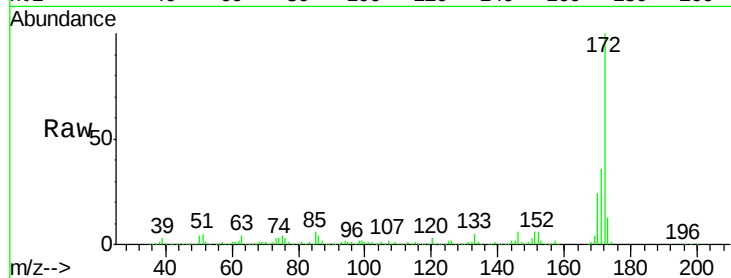
Tgt Ion:172 Resp: 949473

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

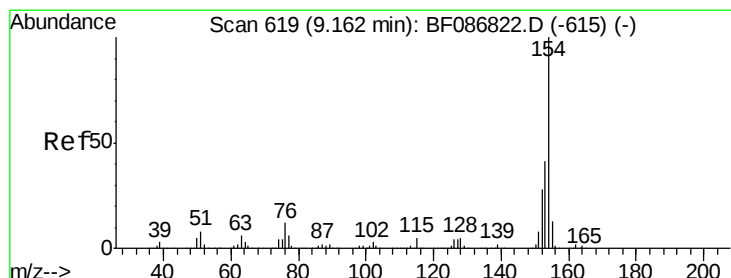
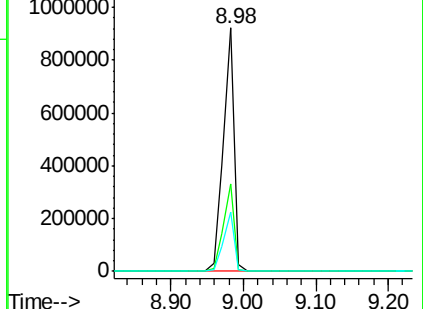
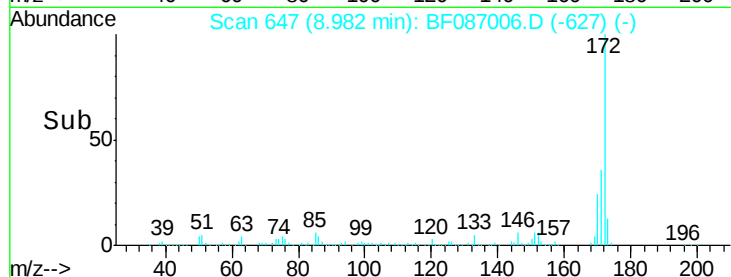
170 24.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 28.41 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

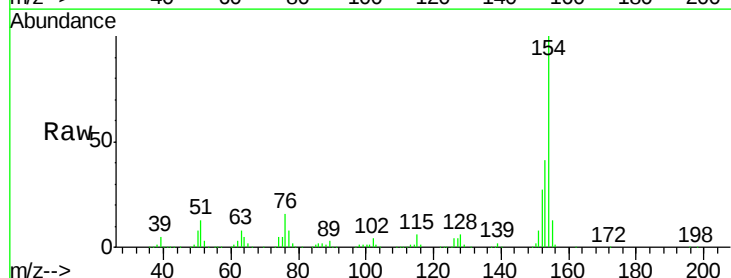
Tgt Ion:154 Resp: 501292

Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

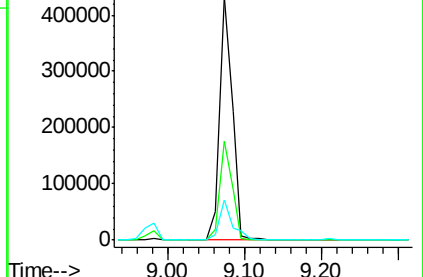
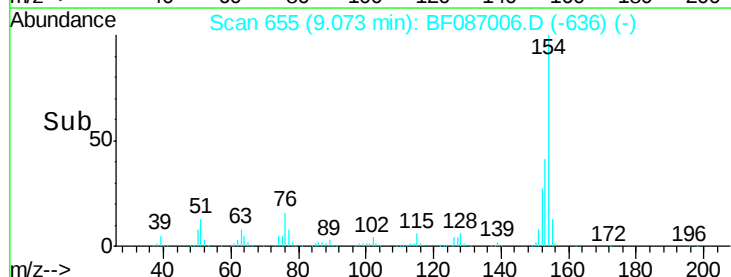
76 16.4 0.0 30.2

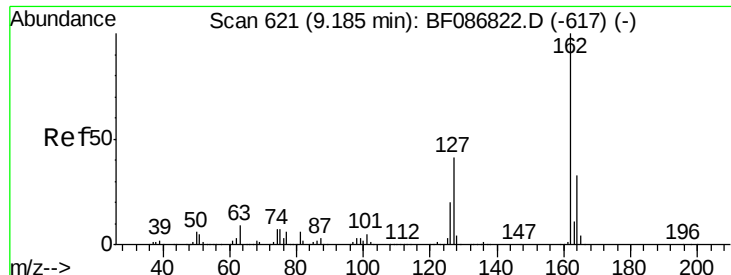


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

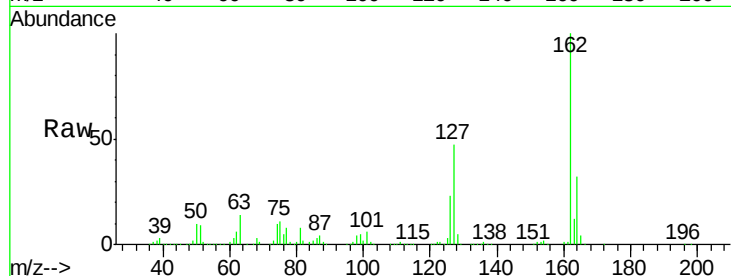




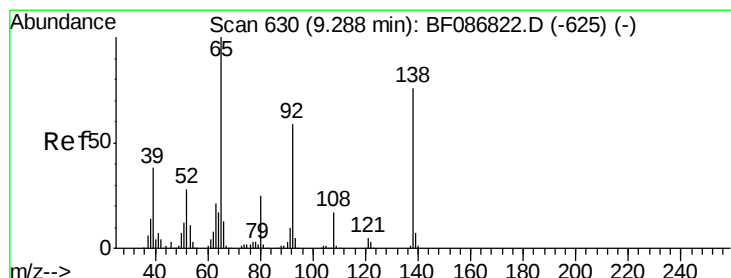
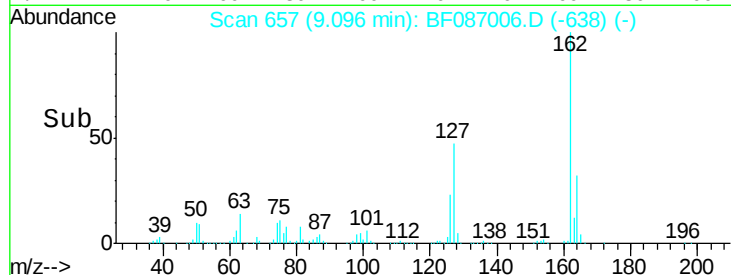
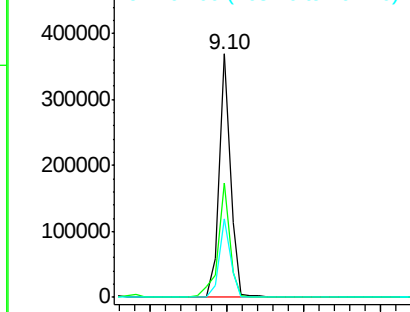
#46
2-Chloronaphthalene
Concen: 27.38 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Instrument :
BNA_F
ClientSampled :
WC-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.8	31.8	47.6
164	32.1	27.0	40.6

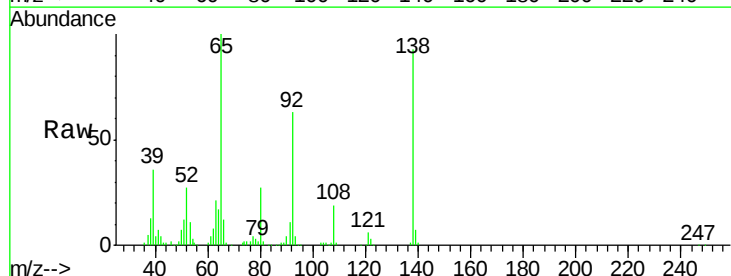


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

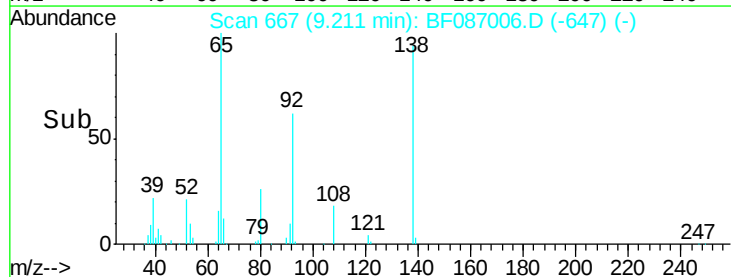
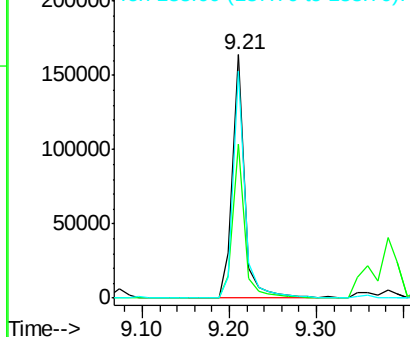


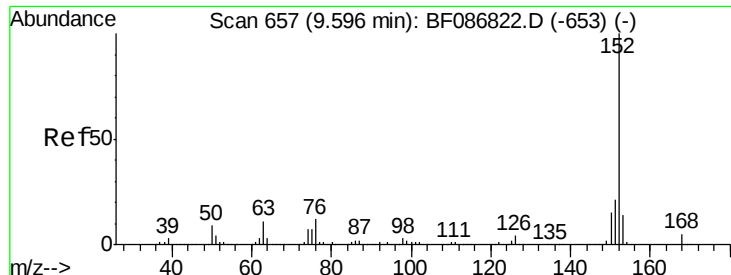
#47
2-Nitroaniline
Concen: 32.06 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	57.4	86.2
138	93.1	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

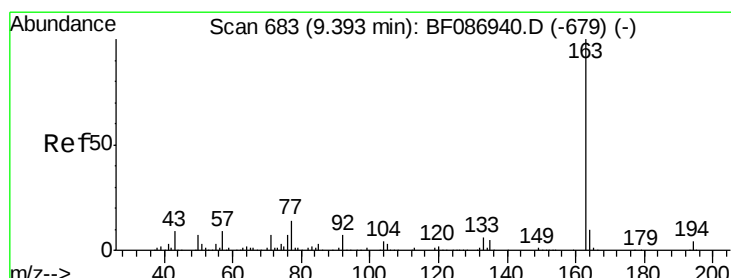
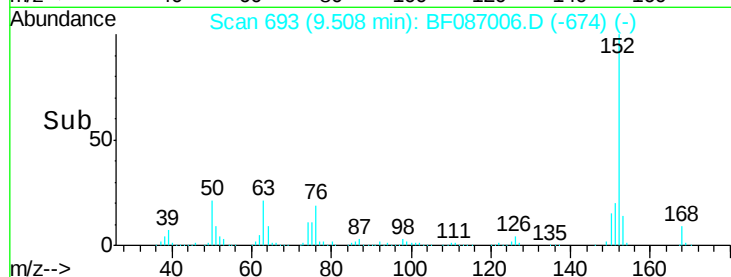
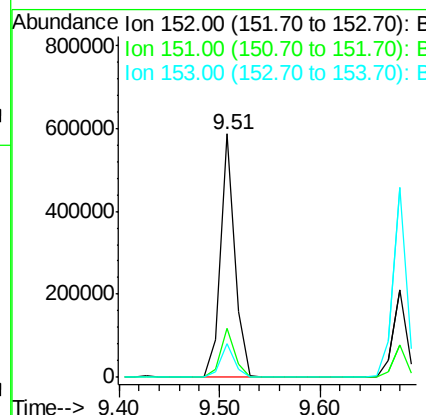
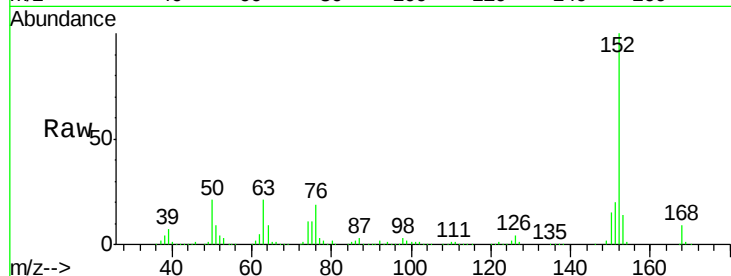




#48
Acenaphthylene
Concen: 28.69 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

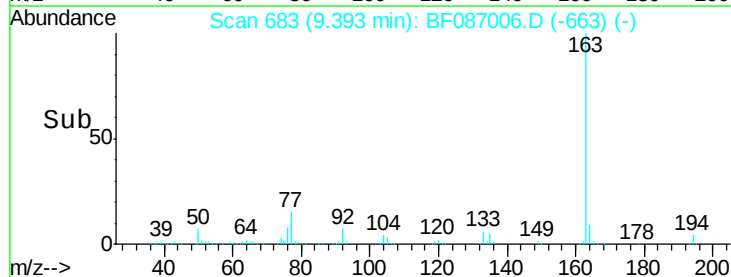
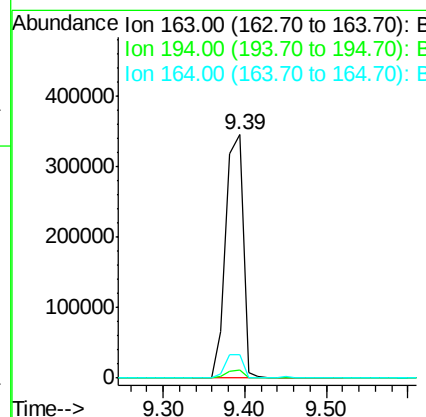
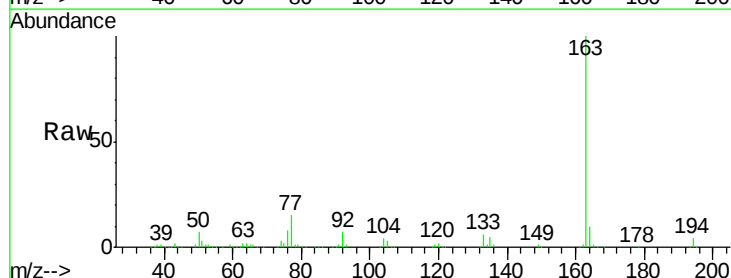
Instrument :
BNA_F
ClientSampleId :
WC-2MS

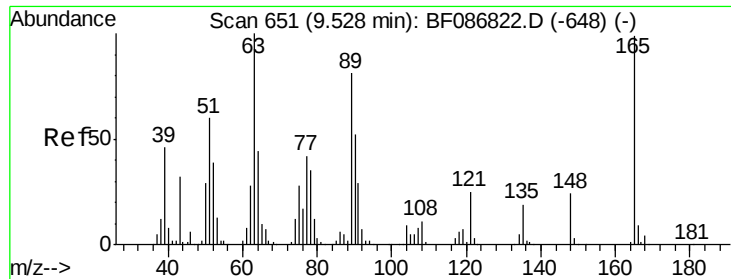
Tgt Ion:152 Resp: 583380
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.9 10.9 16.3



#49
Dimethylphthalate
Concen: 30.07 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion:163 Resp: 508909
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.2 12.4





#50

2,6-Dinitrotoluene

Concen: 31.05 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampled :

WC-2MS

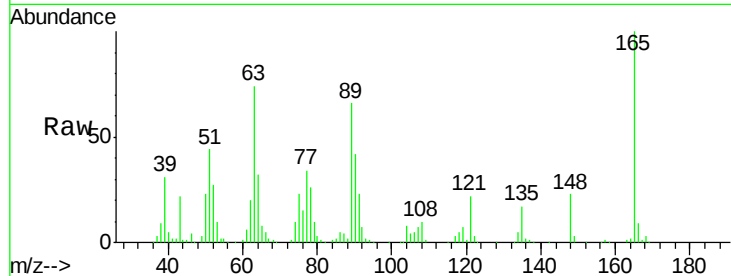
Tgt Ion:165 Resp: 110582

Ion Ratio Lower Upper

165 100

63 73.7 51.8 77.8

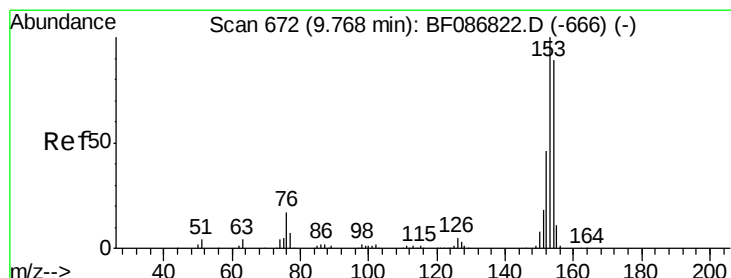
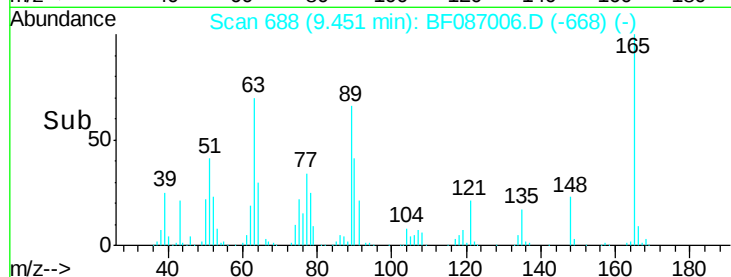
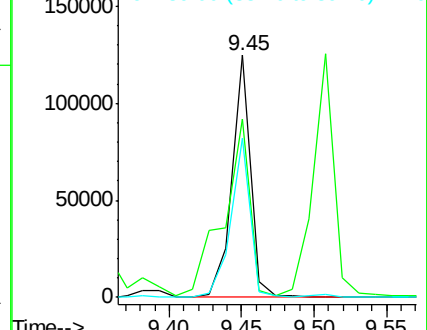
89 65.8 50.7 76.1



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: 29.61 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

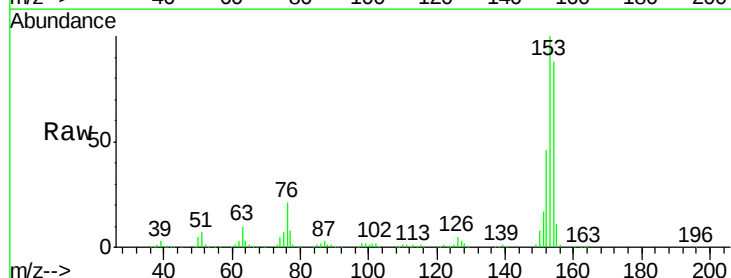
Tgt Ion:154 Resp: 374446

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.6

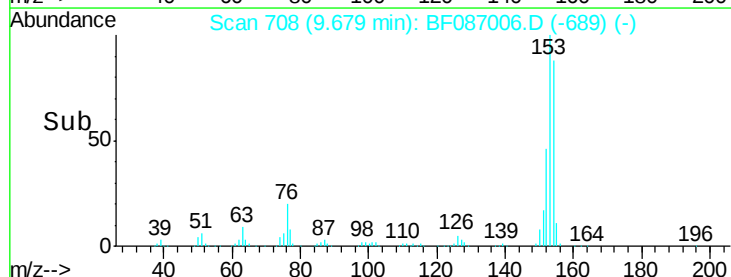
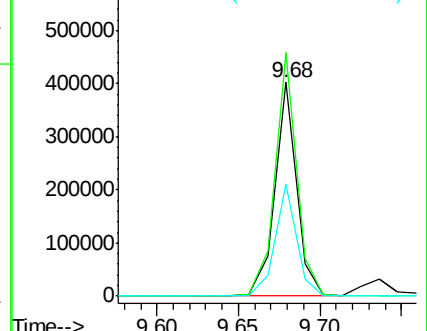
152 52.4 43.4 65.0

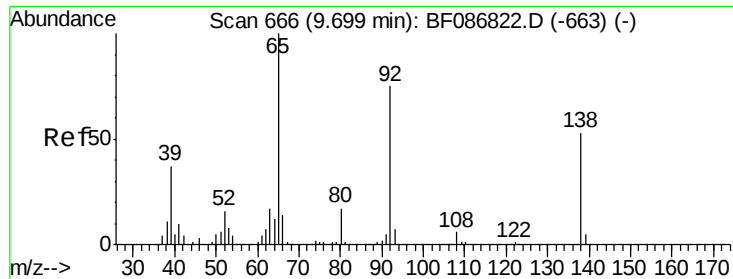


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

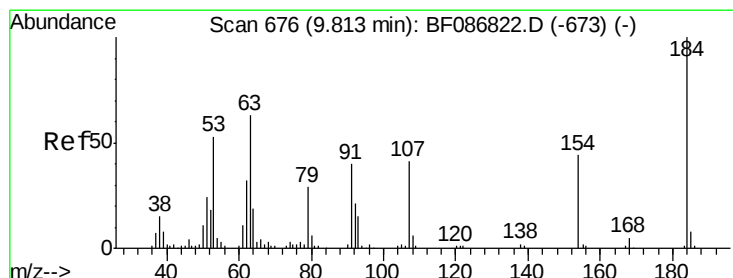
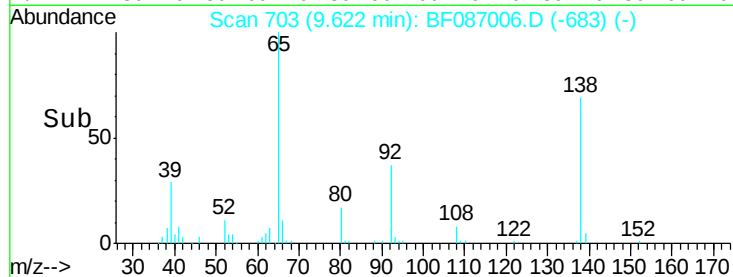
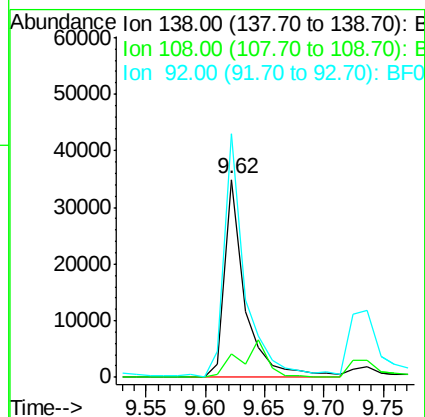
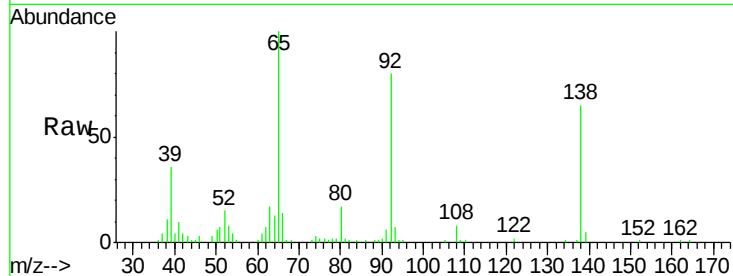




#52
 3-Nitroaniline
 Concen: 11.12 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

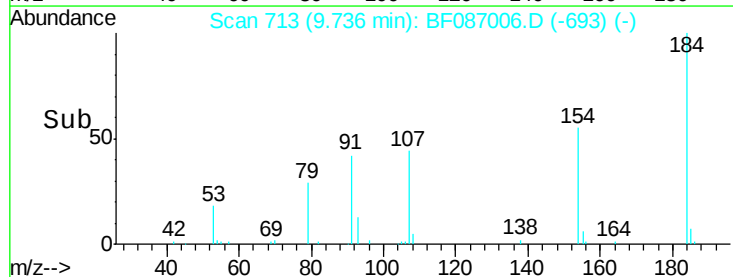
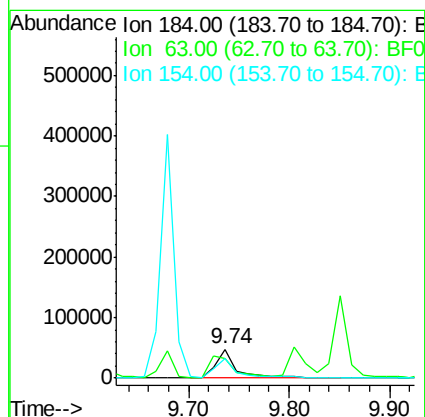
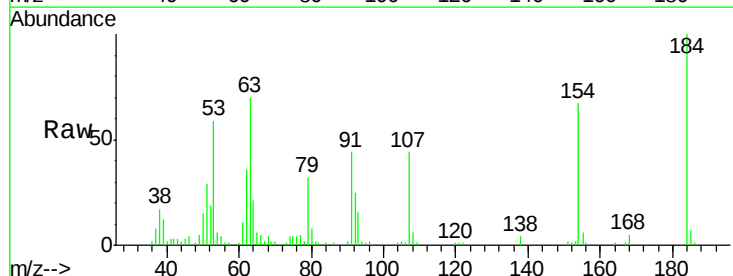
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

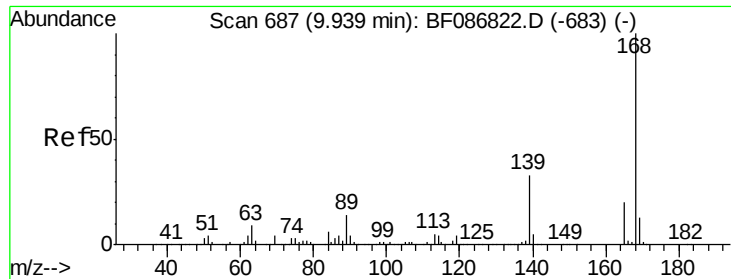
Tgt Ion:138 Resp: 41689
 Ion Ratio Lower Upper
 138 100
 108 11.8 7.8 11.6#
 92 123.1 87.8 131.8



#53
 2,4-Dinitrophenol
 Concen: 41.74 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:184 Resp: 68561
 Ion Ratio Lower Upper
 184 100
 63 69.7 55.8 83.8
 154 66.5 62.4 93.6

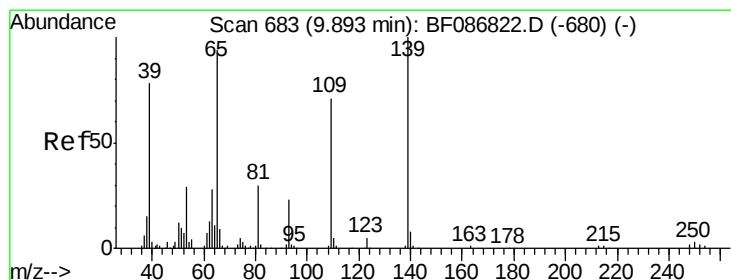
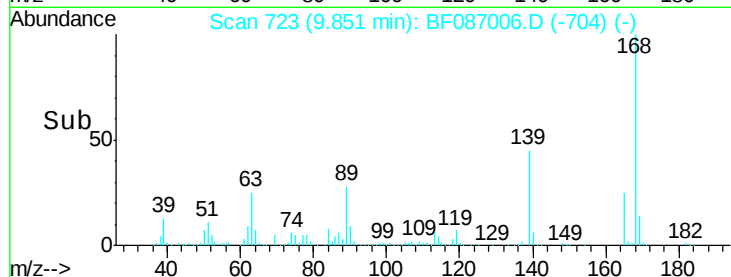
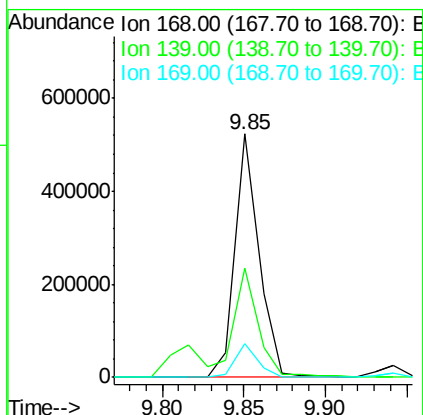
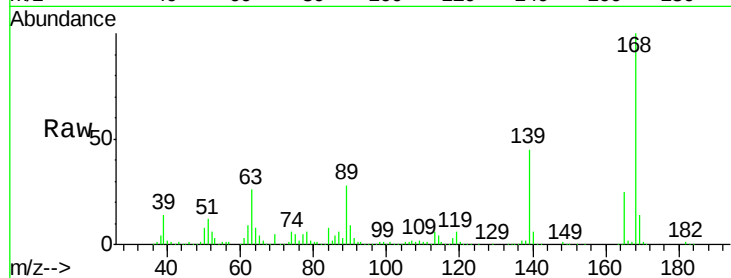




#54
Dibenzofuran
Concen: 32.65 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

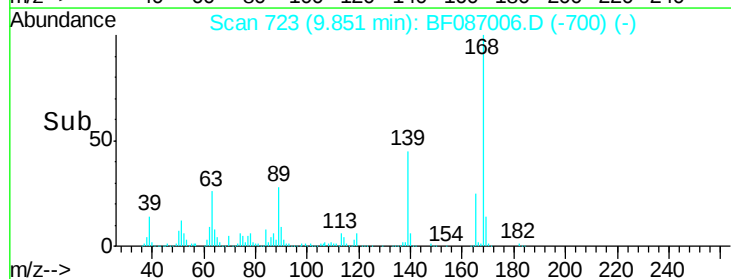
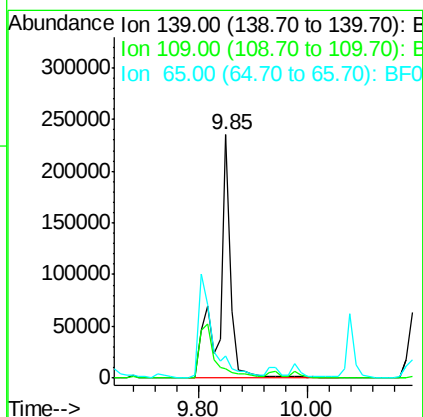
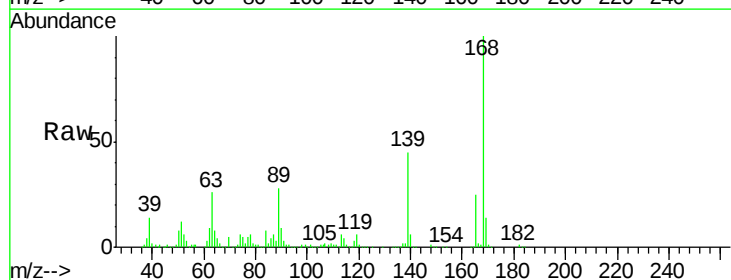
Instrument :
BNA_F
ClientSampleId :
WC-2MS

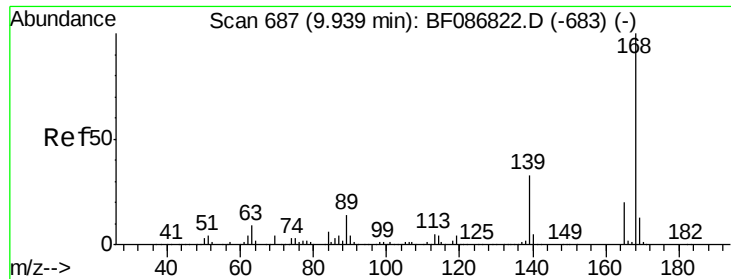
Tgt Ion:168 Resp: 530140
Ion Ratio Lower Upper
168 100
139 44.9 31.4 47.0
169 13.7 10.7 16.1



#55
4-Nitrophenol
Concen: 137.45 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion:139 Resp: 352305
Ion Ratio Lower Upper
139 100
109 3.6 36.9 76.9#
65 9.1 64.0 104.0#

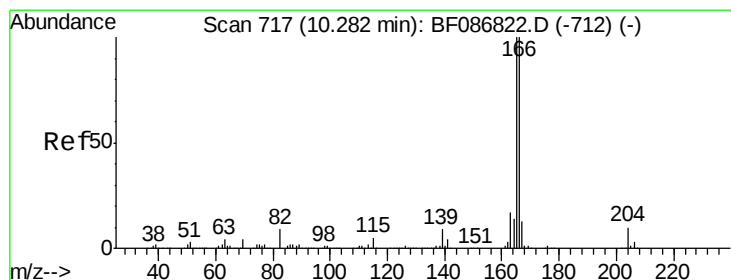
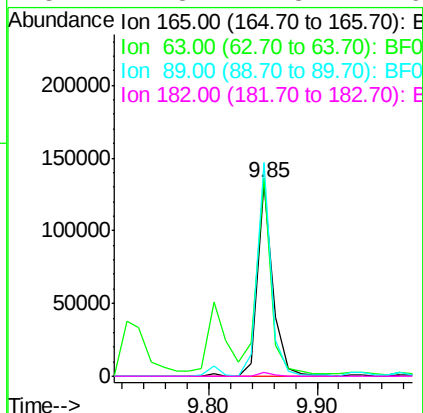
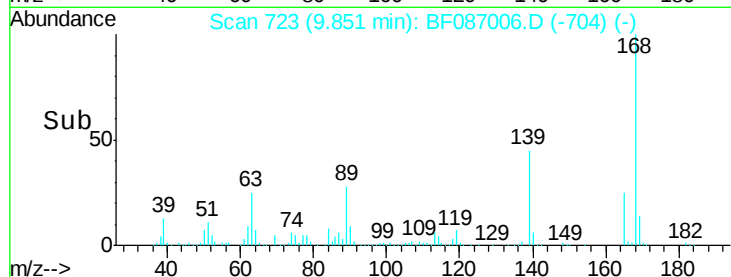
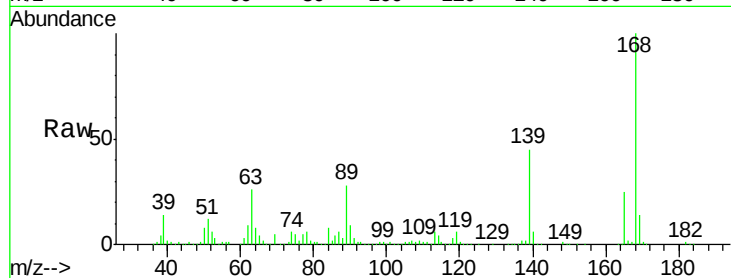




#56
2,4-Dinitrotoluene
Concen: 29.93 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

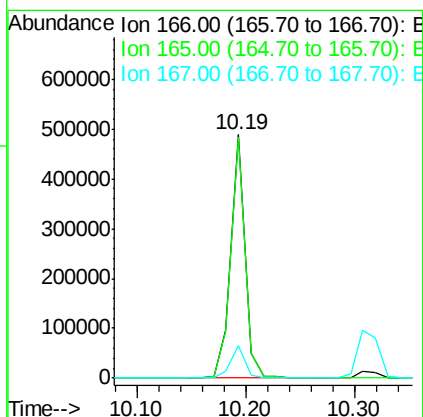
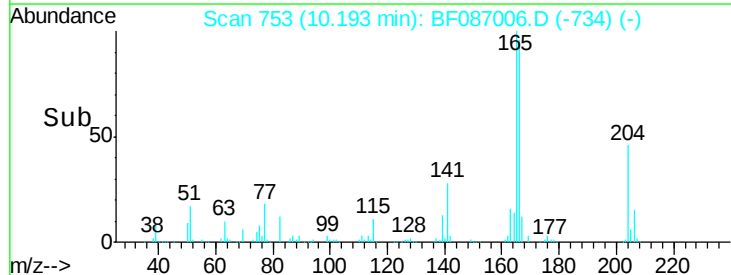
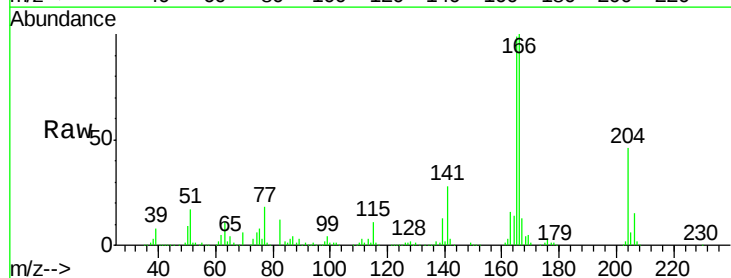
Instrument :
BNA_F
ClientSampleId :
WC-2MS

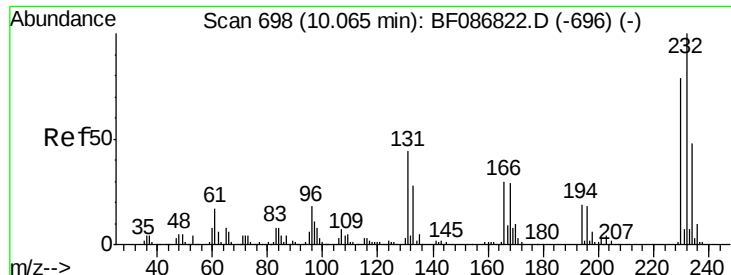
Tgt Ion:165 Resp: 131905
Ion Ratio Lower Upper
165 100
63 102.3 44.3 66.5#
89 110.1 70.0 105.0#
182 2.3 1.8 2.6



#57
Fluorene
Concen: 32.08 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion:166 Resp: 444199
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.6
167 13.3 10.6 15.8

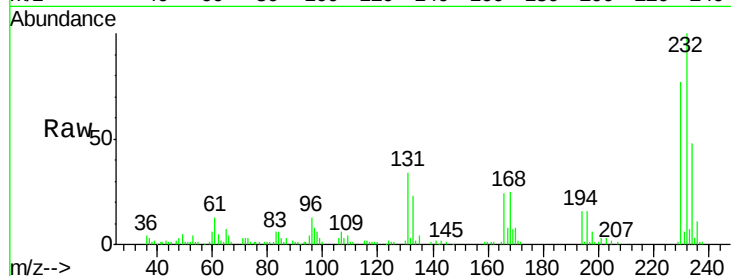




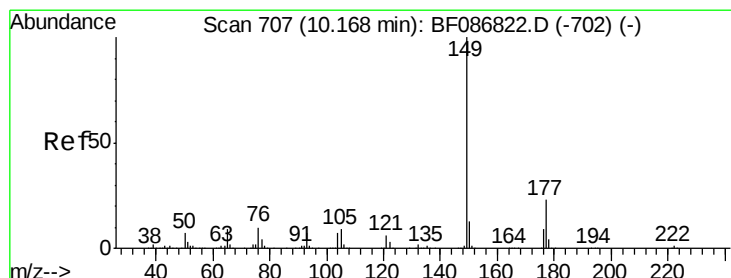
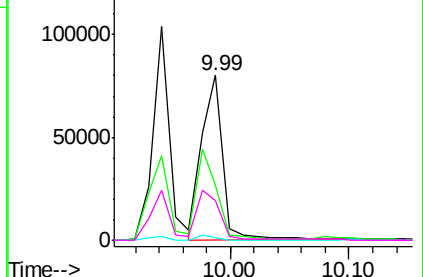
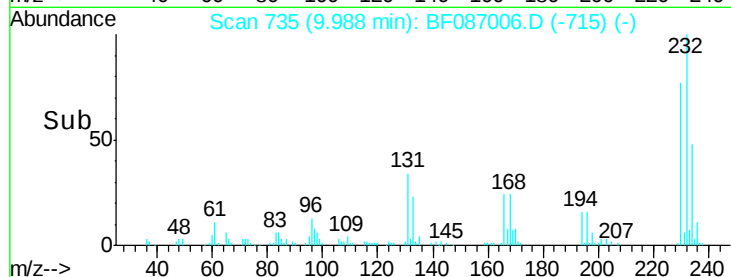
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.62 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion: 232 Resp: 99450
 Ion Ratio Lower Upper
 232 100
 131 53.5 41.9 62.9
 130 2.6 2.2 3.4
 166 31.7 26.8 40.2

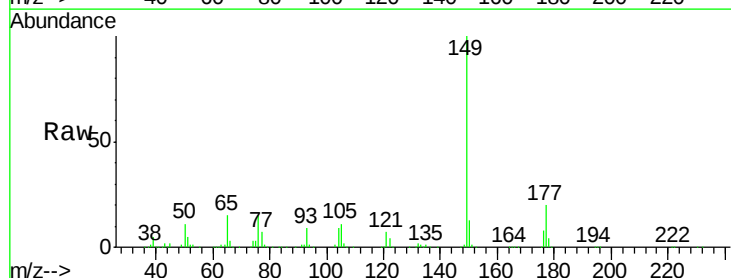


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

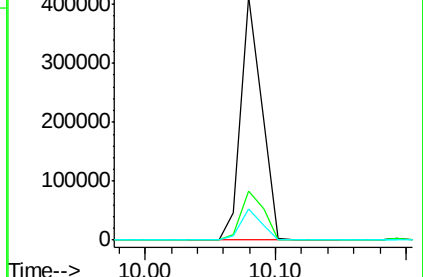
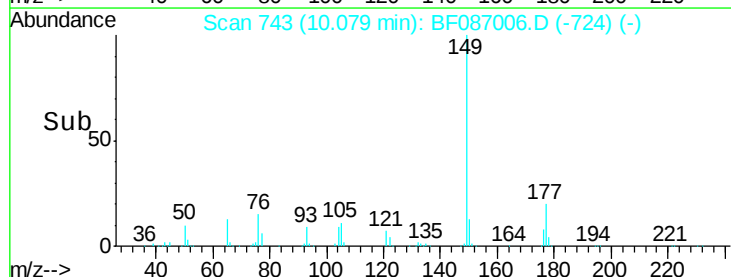


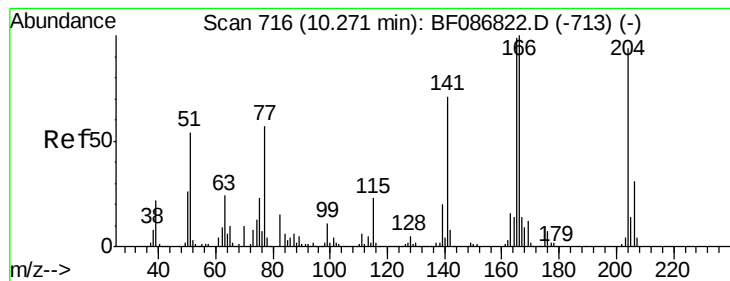
#59
 Diethylphthalate
 Concen: 27.77 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion: 149 Resp: 457925
 Ion Ratio Lower Upper
 149 100
 177 20.2 16.6 24.8
 150 12.8 10.0 15.0



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





#60

4-Chlorophenyl-phenylether

Concen: 31.89 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

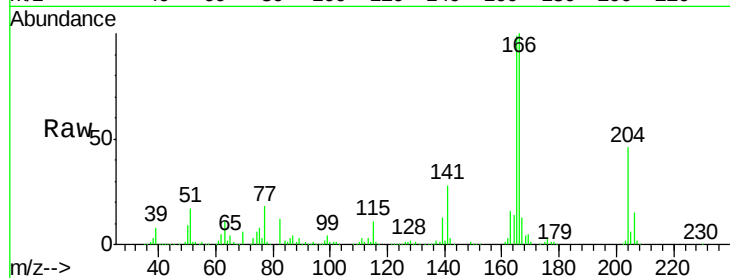
Tgt Ion:204 Resp: 207022

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

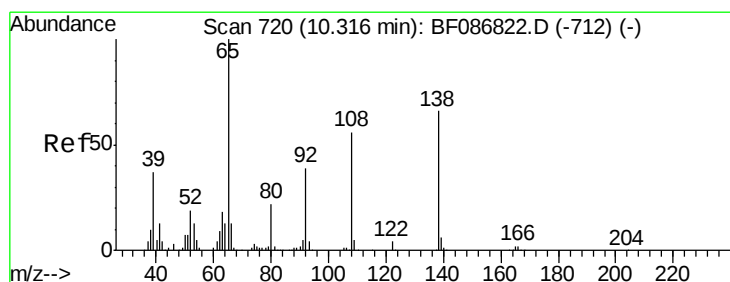
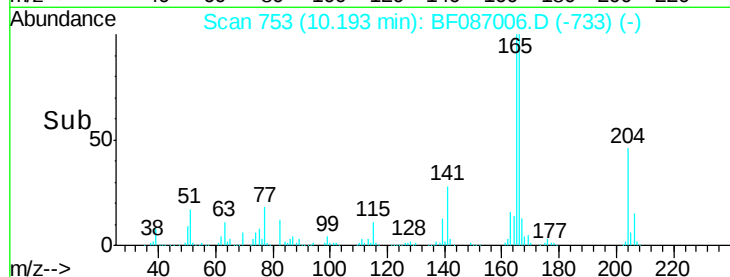
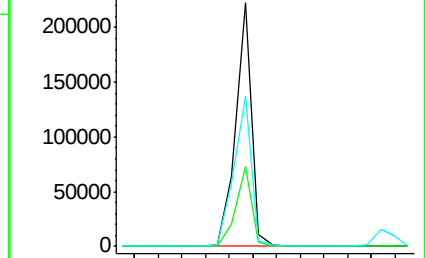
141 61.6 61.6 92.4#



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: 25.79 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

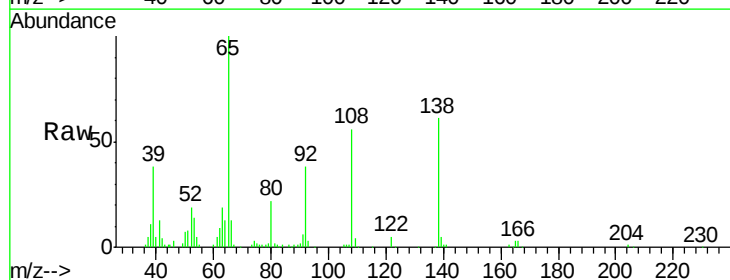
Tgt Ion:138 Resp: 92877

Ion Ratio Lower Upper

138 100

92 63.6 24.7 64.7

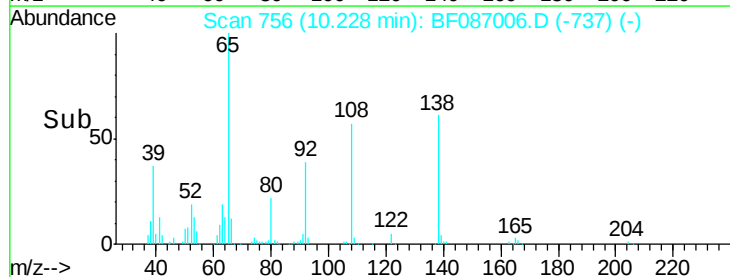
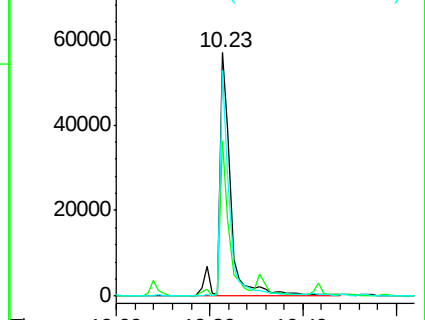
108 92.5 37.4 77.4#

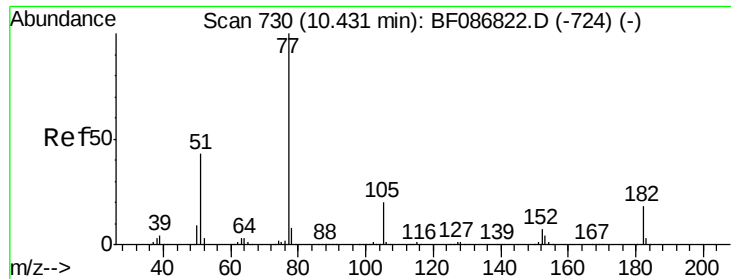


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

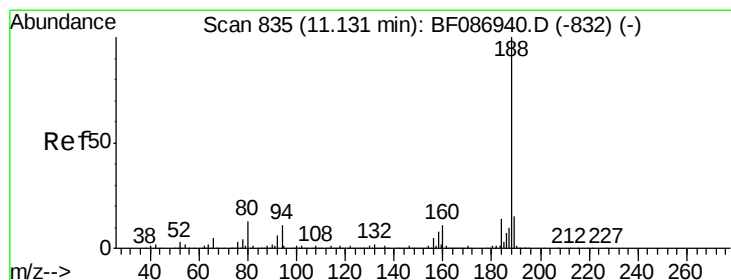
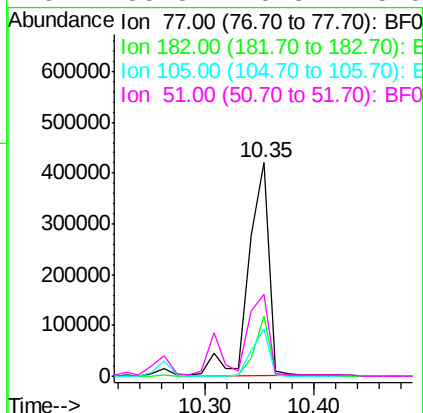
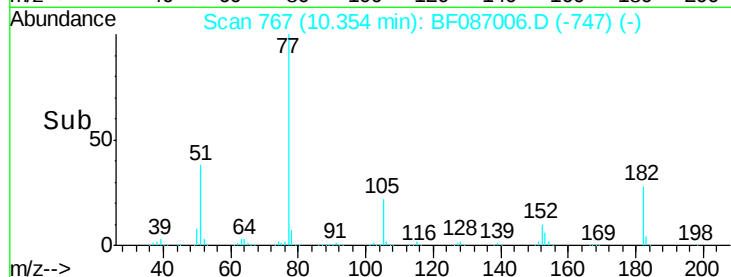
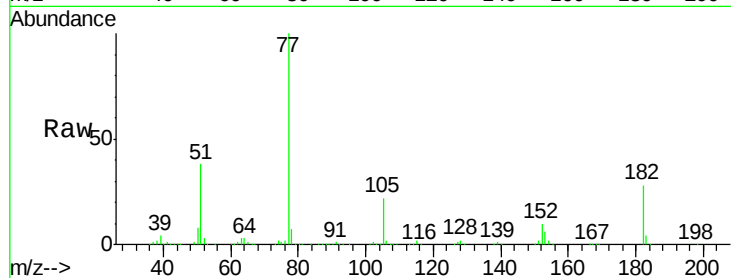




#62
Azobenzene
Concen: 30.41 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

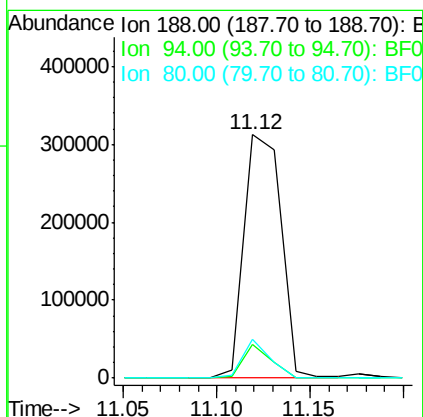
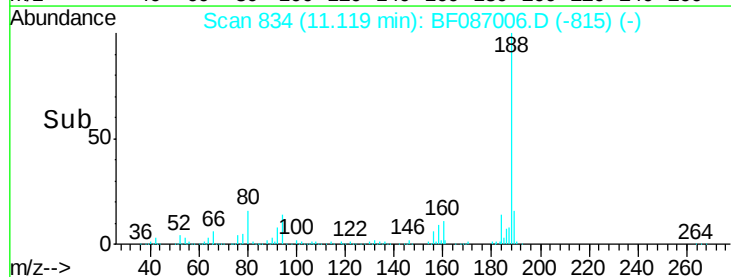
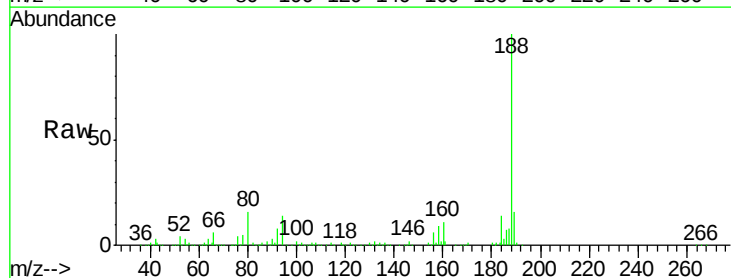
Instrument :
BNA_F
ClientSampleId :
WC-2MS

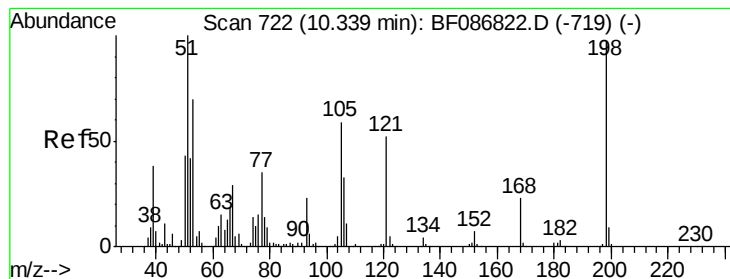
Tgt Ion:	77	Resp:	541066
Ion	Ratio	Lower	Upper
77	100		
182	27.9	0.0	38.8
105	22.4	3.2	43.2
51	38.3	8.8	48.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion:	188	Resp:	431687
Ion	Ratio	Lower	Upper
188	100		
94	13.6	6.8	10.2#
80	15.8	7.1	10.7#





#64

4,6-Dinitro-2-methylphenol

Concen: 23.45 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

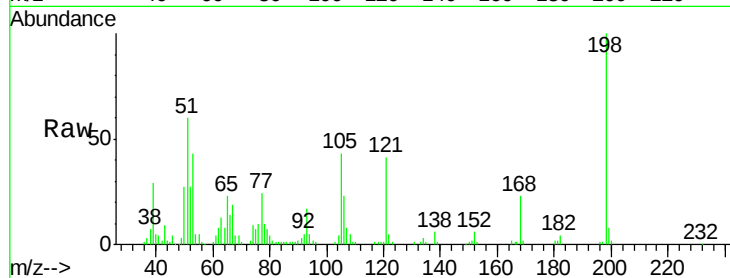
Tgt Ion:198 Resp: 62898

Ion Ratio Lower Upper

198 100

51 59.7 20.5 60.5

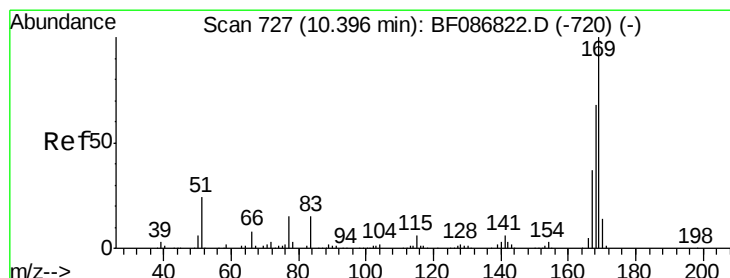
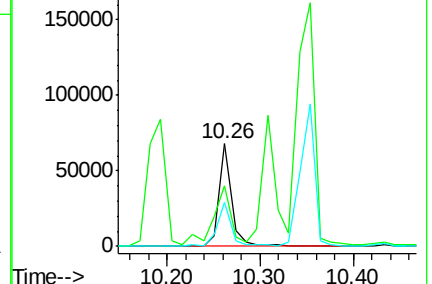
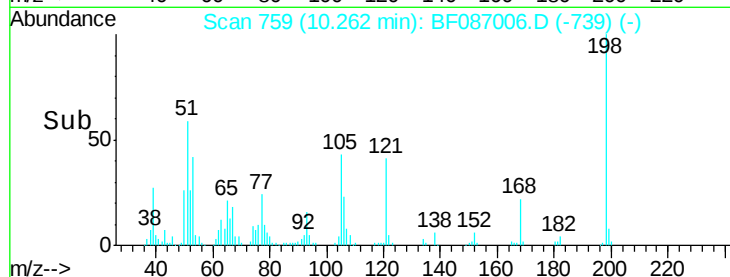
105 43.0 24.5 64.5



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: 26.18 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

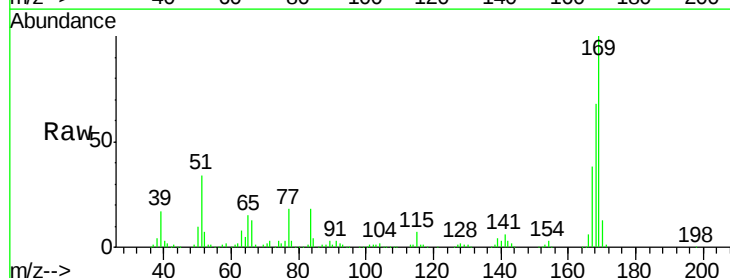
Tgt Ion:169 Resp: 347251

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

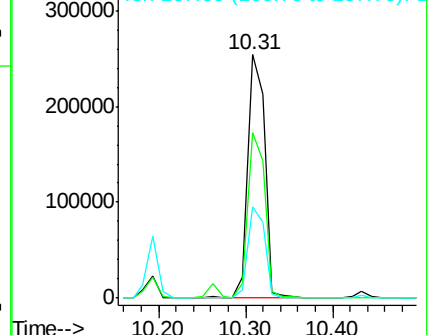
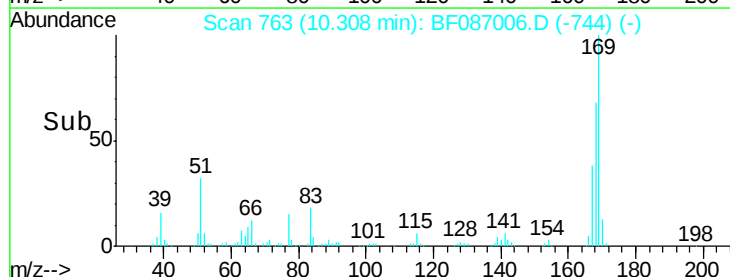
167 37.6 29.5 44.3

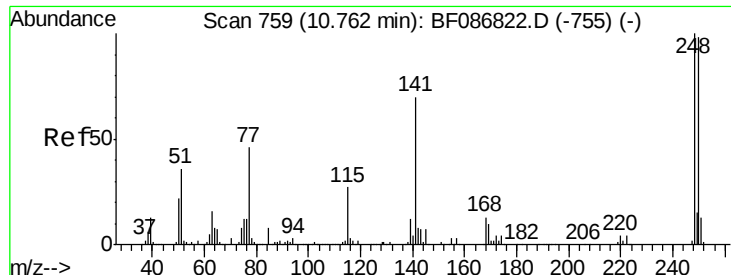


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

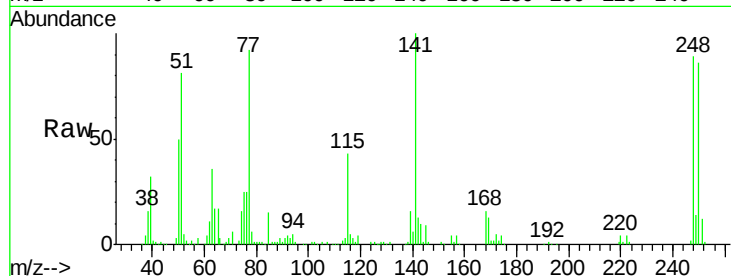




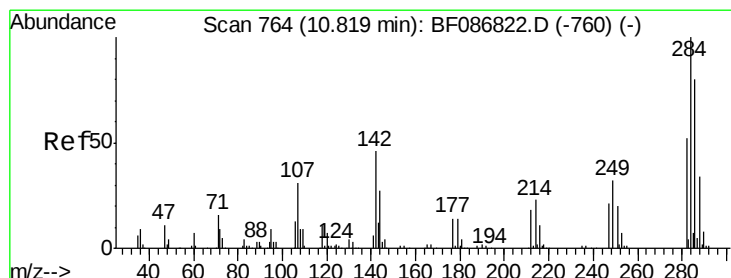
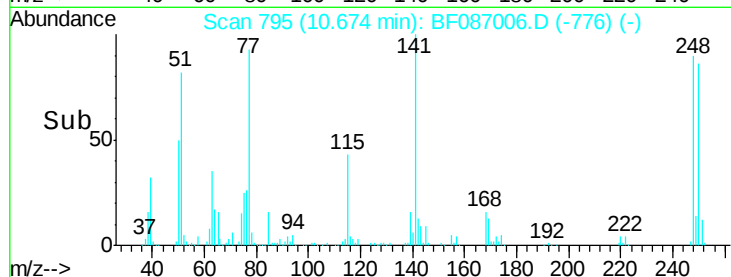
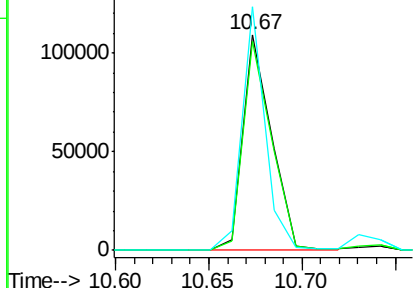
#66
 4-Bromophenyl-phenylether
 Concen: 26.70 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion: 248 Resp: 116856
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.6 117.8
 141 112.7 76.0 114.0

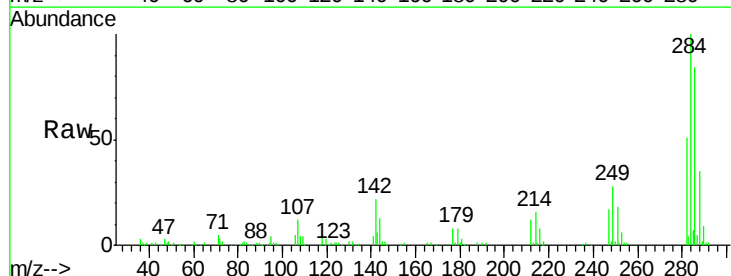


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

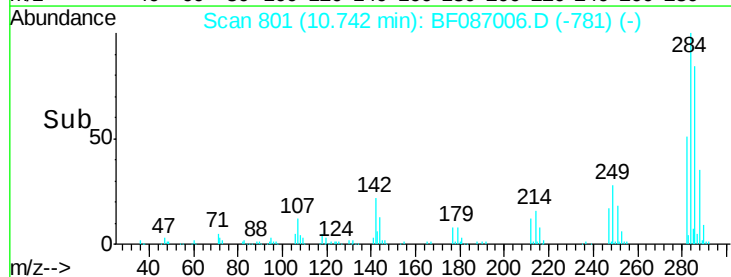
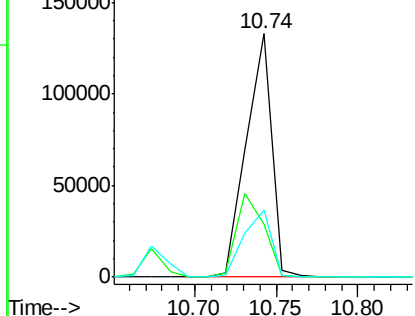


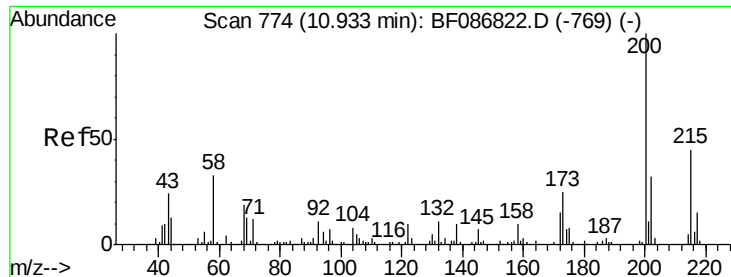
#67
 Hexachlorobenzene
 Concen: 28.03 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion: 284 Resp: 143384
 Ion Ratio Lower Upper
 284 100
 142 21.9 16.7 25.1
 249 27.6 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

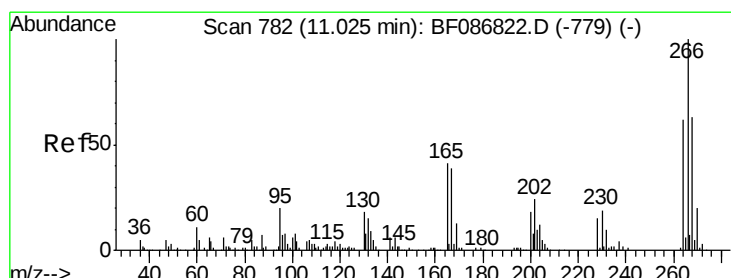
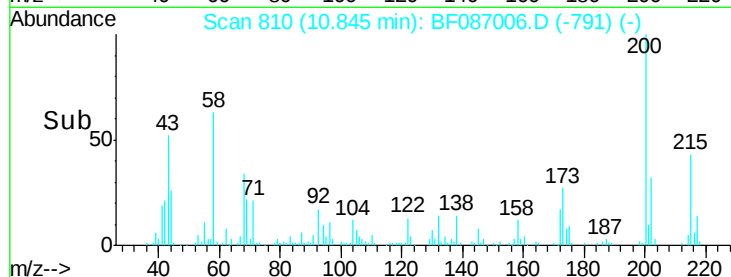
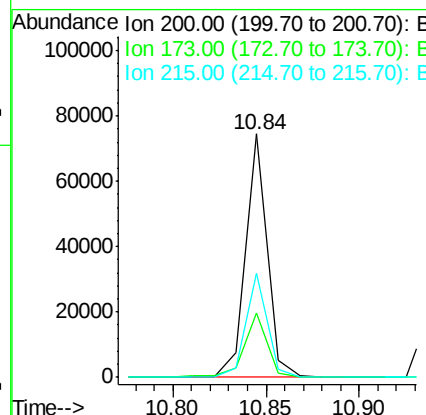
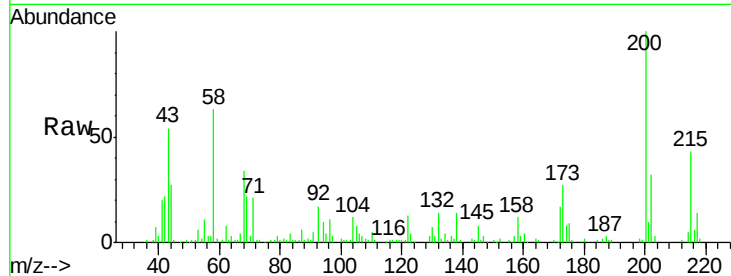




#68
Atrazine
Concen: 13.57 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.09 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

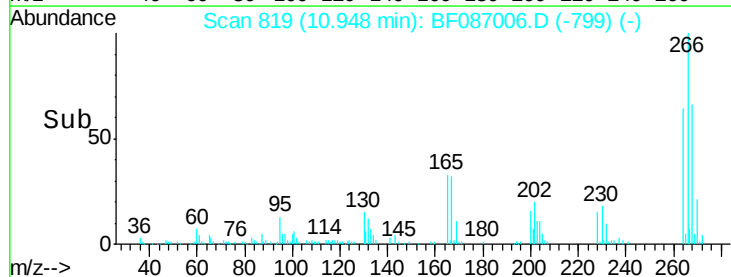
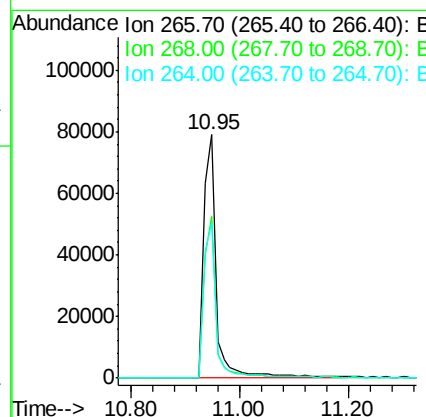
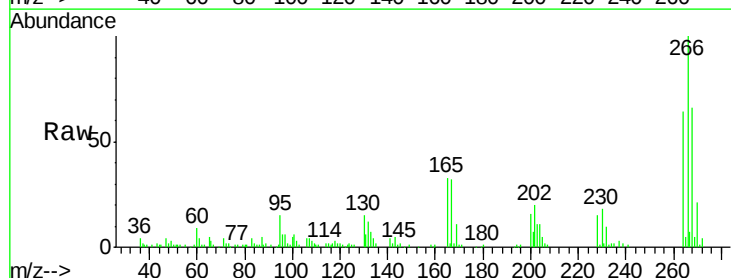
Instrument :
BNA_F
ClientSampleId :
WC-2MS

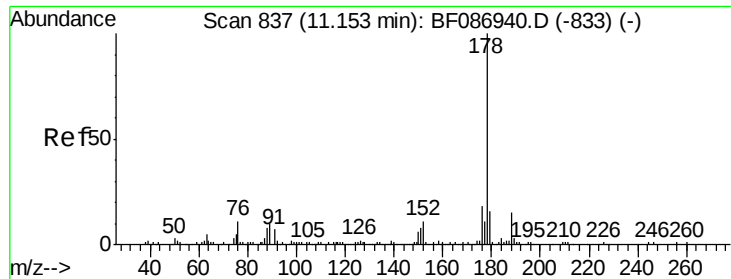
Tgt Ion: 200 Resp: 60122
Ion Ratio Lower Upper
200 100
173 26.7 8.5 48.5
215 42.6 27.2 67.2



#69
Pentachlorophenol
Concen: 52.83 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF087006.D
Acq: 14 May 2016 8:29

Tgt Ion: 266 Resp: 124891
Ion Ratio Lower Upper
266 100
268 66.4 51.5 77.3
264 64.0 52.9 79.3





#70

Phenanthrene

Concen: 29.30 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

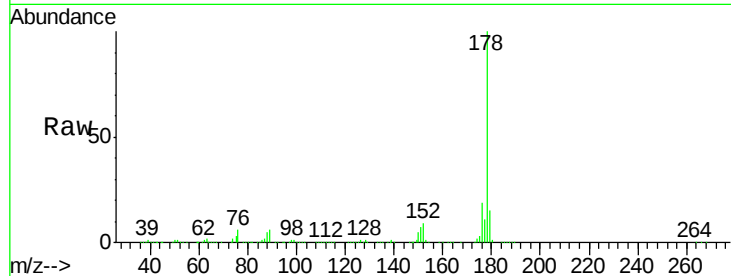
Tgt Ion:178 Resp: 675057

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

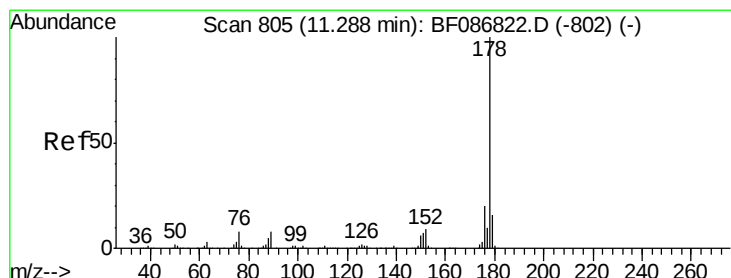
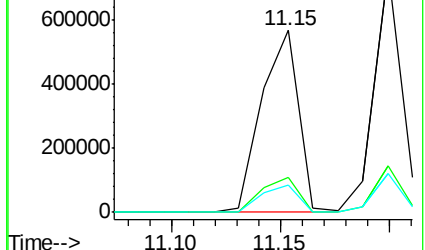
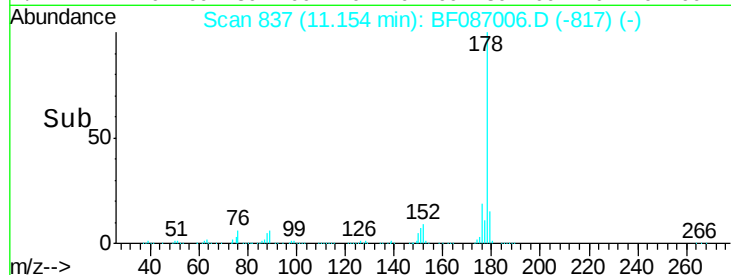
179 15.4 12.6 18.8



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: 29.17 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

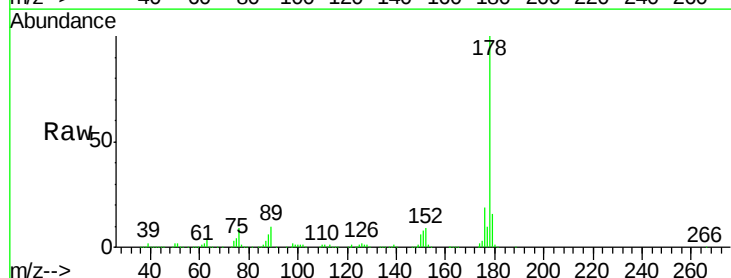
Tgt Ion:178 Resp: 687212

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

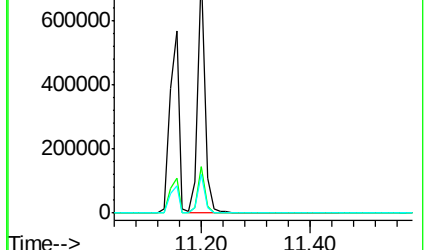
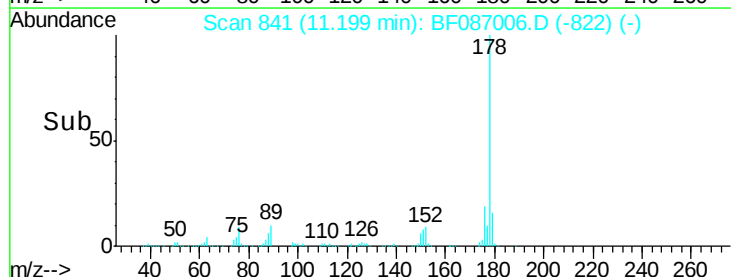
179 15.8 12.7 19.1

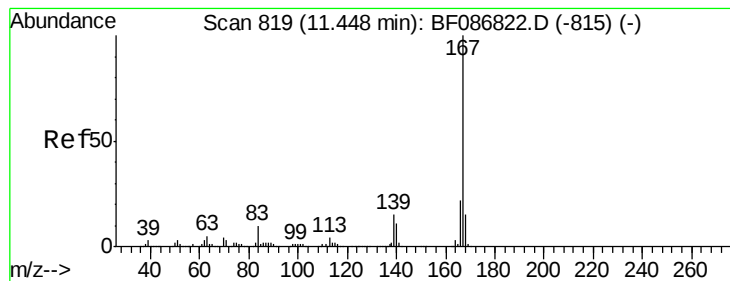


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 27.27 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

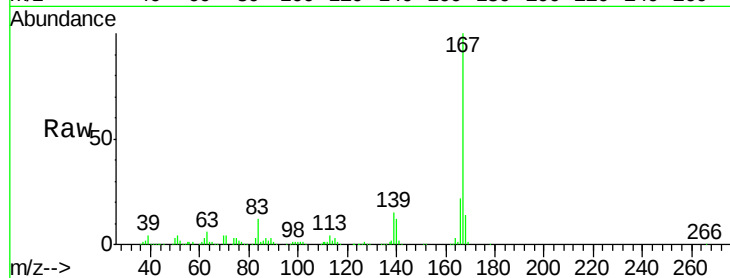
Tgt Ion:167 Resp: 552391

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

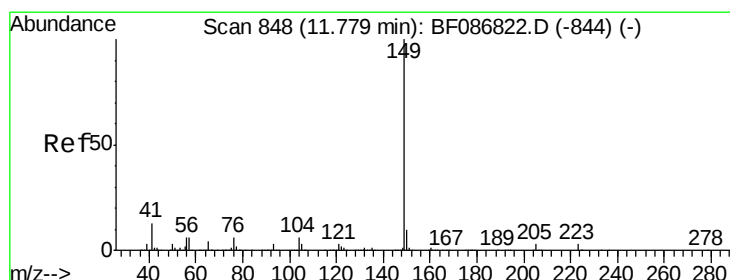
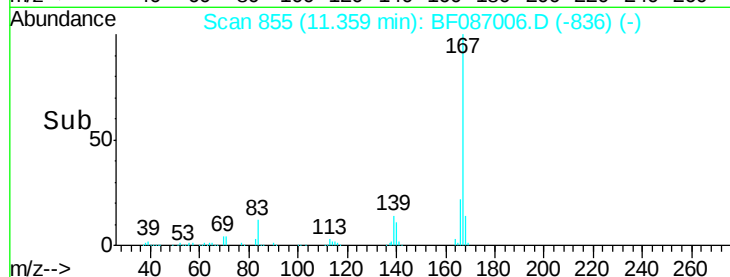
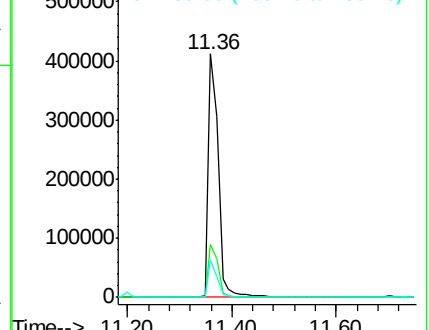
139 15.4 10.8 16.2



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: 31.47 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

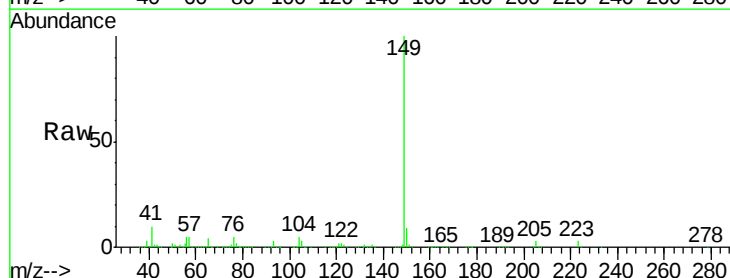
Tgt Ion:149 Resp: 778277

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

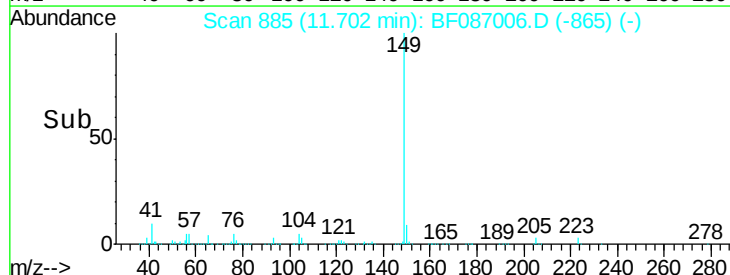
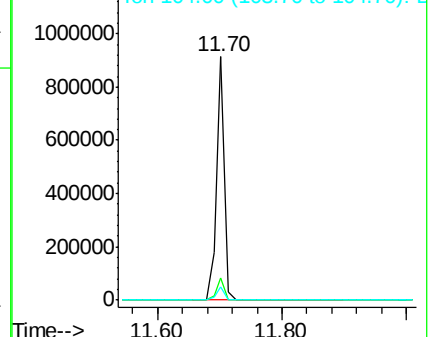
104 5.4 3.8 5.6

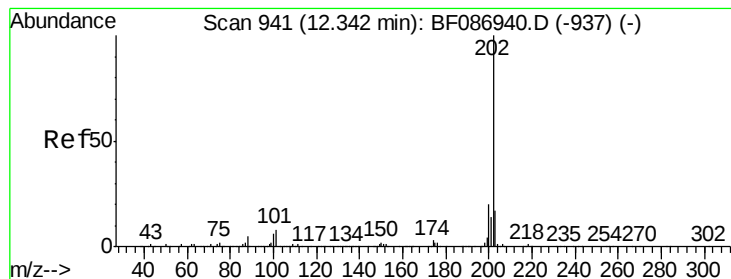


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 28.80 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

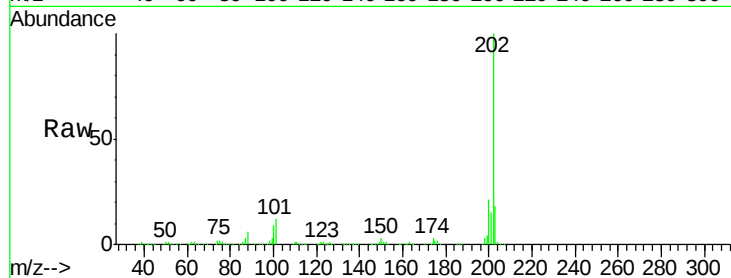
Tgt Ion:202 Resp: 682316

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.4

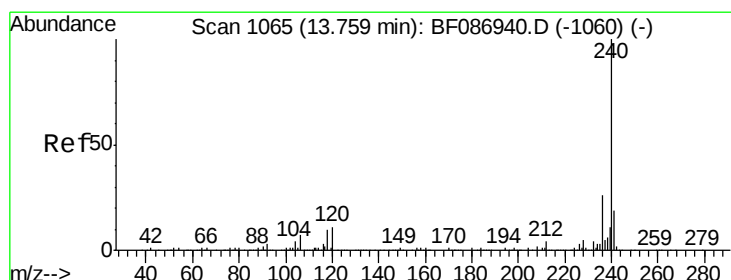
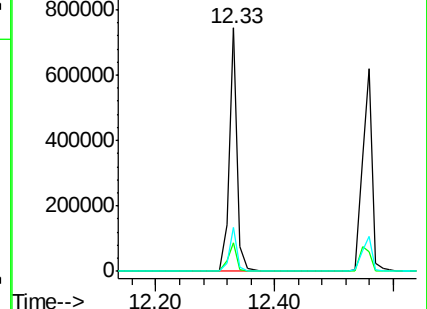
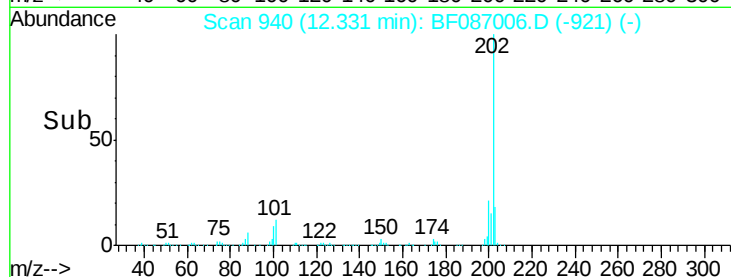
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

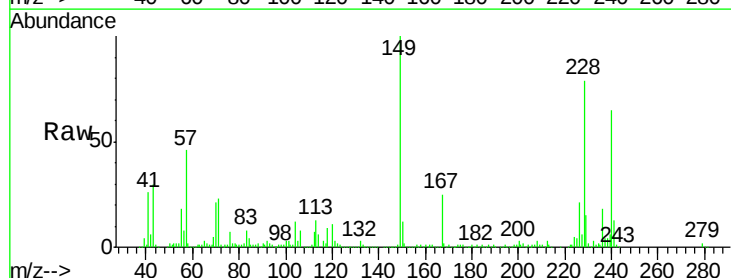
Tgt Ion:240 Resp: 289574

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

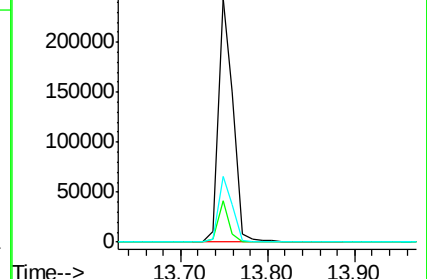
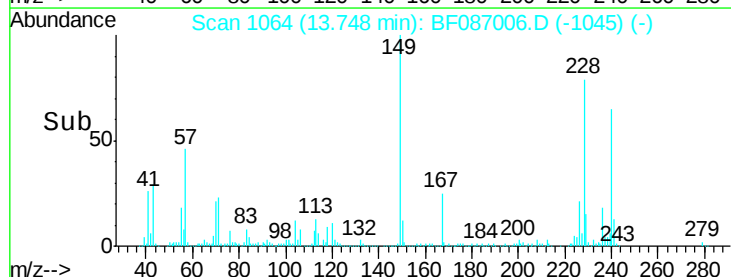
236 26.8 21.2 31.8

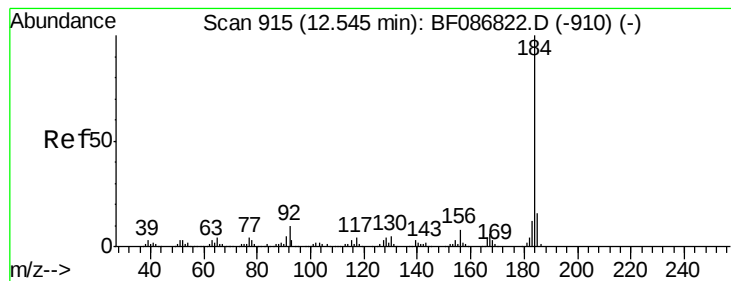


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.02 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

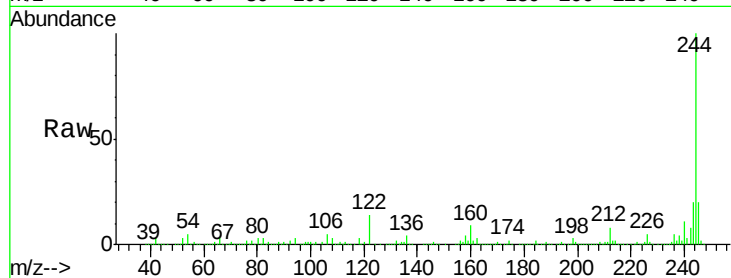
Tgt Ion:184 Resp: 14938

Ion Ratio Lower Upper

184 100

185 17.9 13.6 20.4

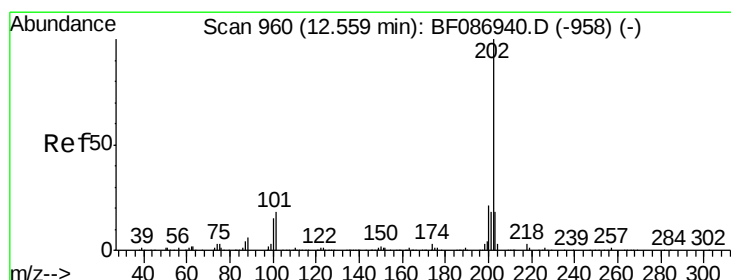
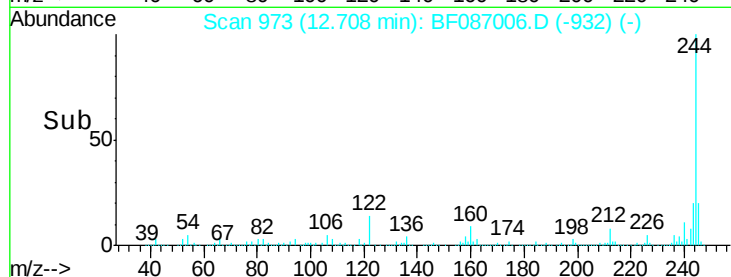
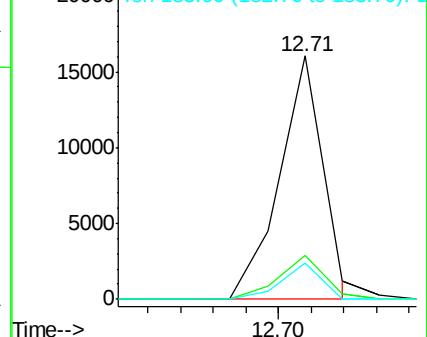
183 15.0 9.8 14.6#



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: 31.52 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

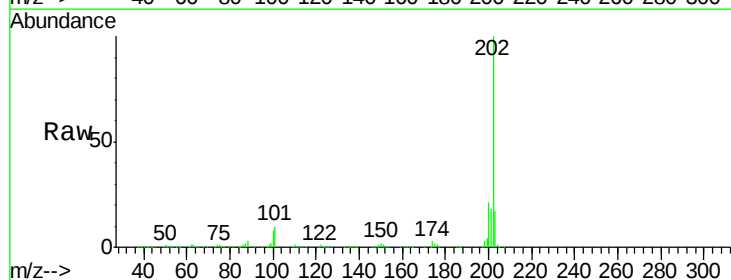
Tgt Ion:202 Resp: 698703

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

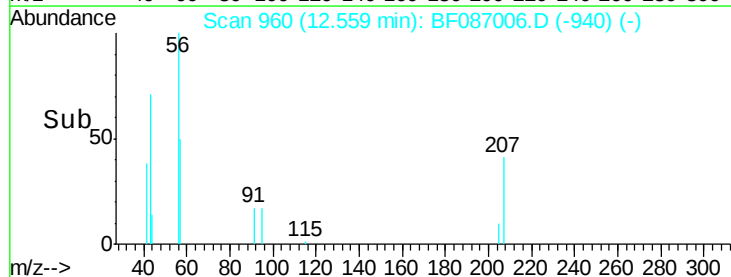
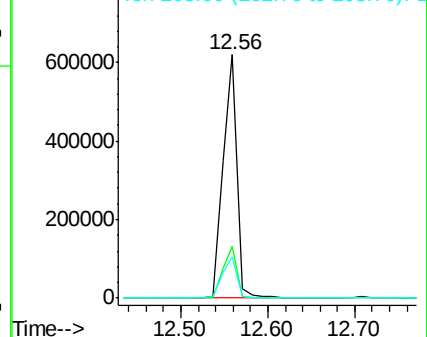
203 17.3 14.2 21.4

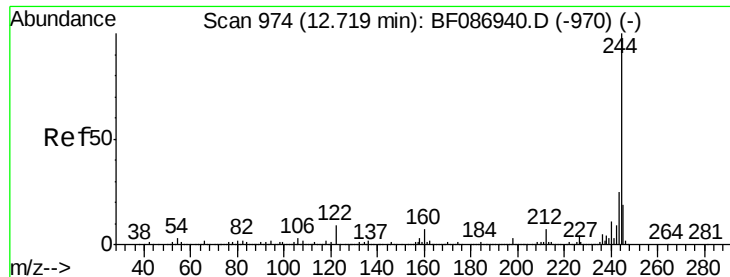


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

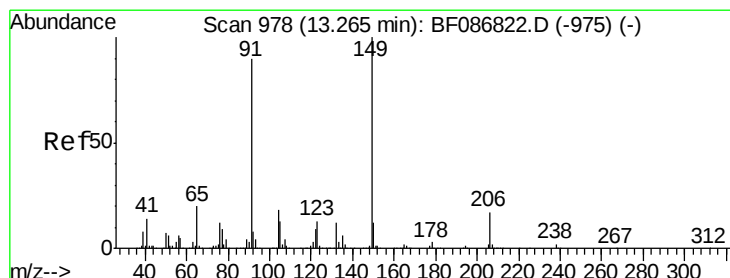
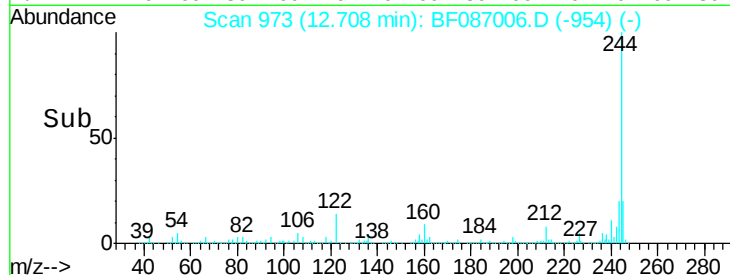
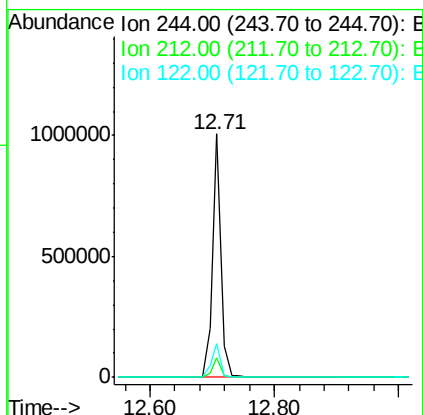
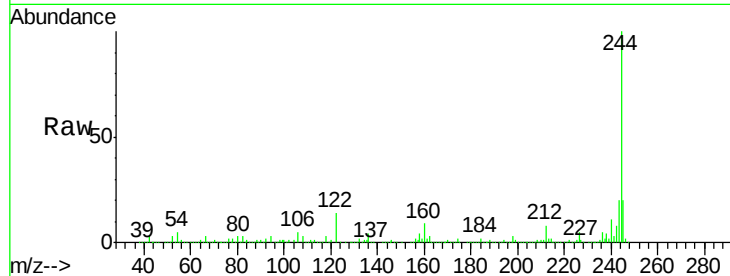




#78
 Terphenyl-d14
 Concen: 68.88 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.09 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

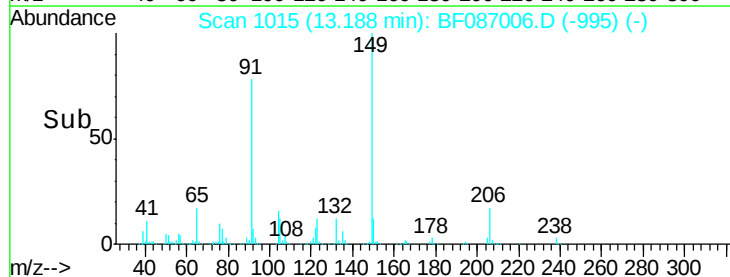
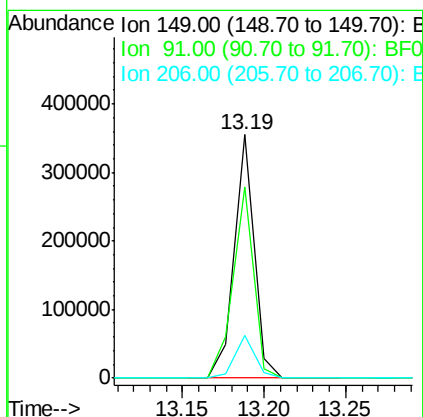
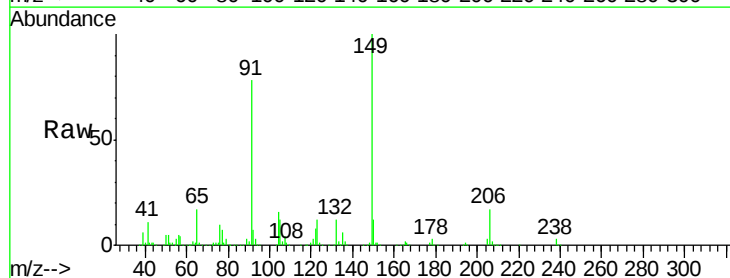
Instrument :
 BNA_F
 ClientSampled :
 WC-2MS

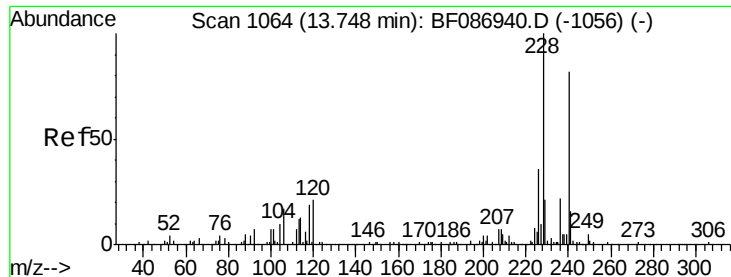
Tgt Ion:244 Resp: 940132
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.6 12.0 18.0



#79
 Butylbenzylphthalate
 Concen: 31.91 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. -0.08 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion:149 Resp: 299192
 Ion Ratio Lower Upper
 149 100
 91 78.4 48.0 72.0#
 206 17.5 15.8 23.6





#80

Benzo(a)anthracene

Concen: 29.81 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

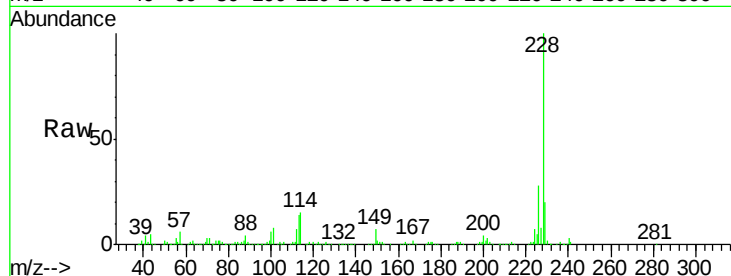
Tgt Ion:228 Resp: 484585

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

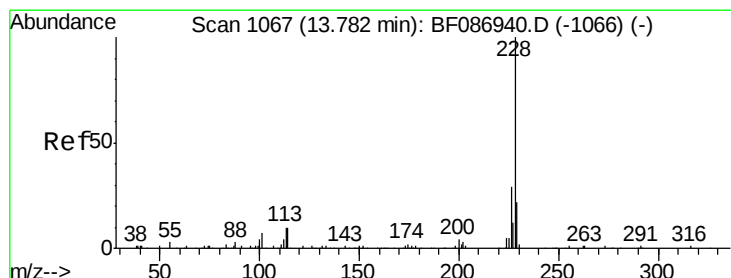
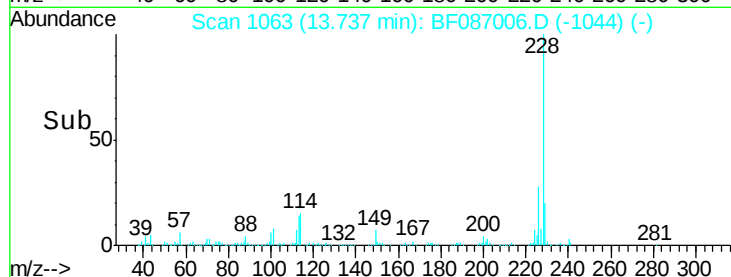
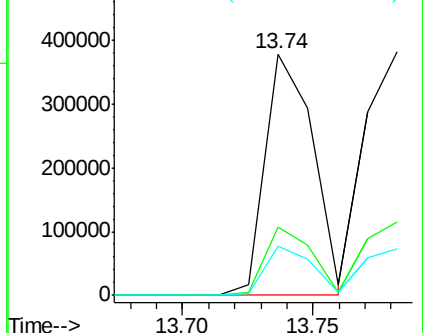
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 29.79 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

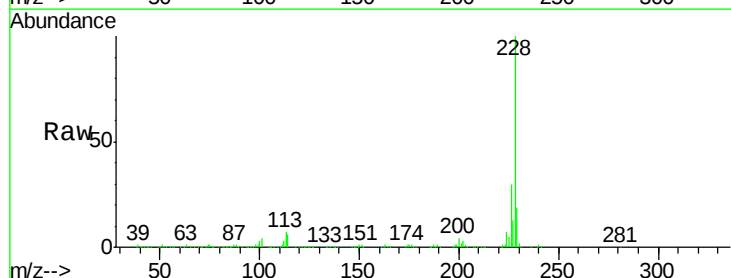
Tgt Ion:228 Resp: 492585

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

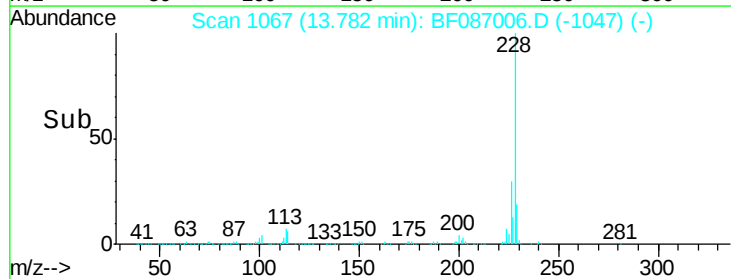
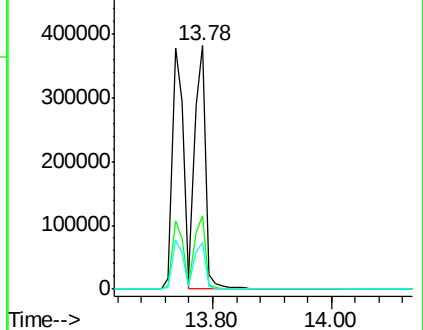
229 19.2 15.8 23.8

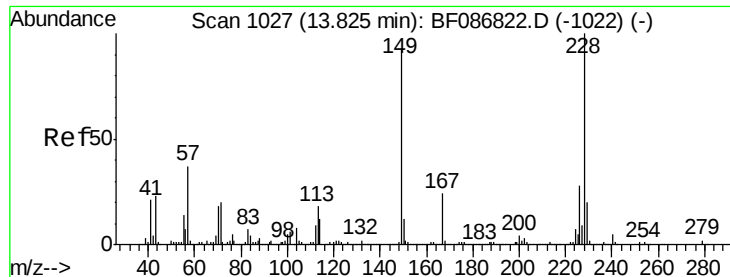


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.76 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

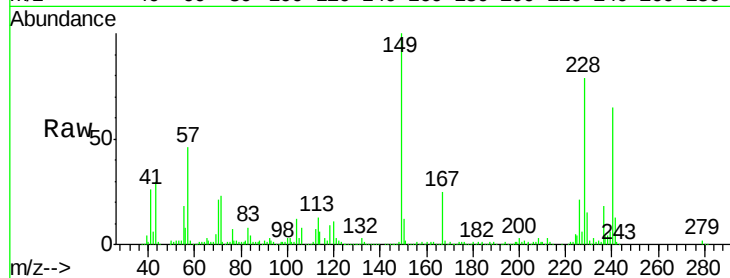
Tgt Ion:149 Resp: 346951

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

279 2.3 2.6 4.0#

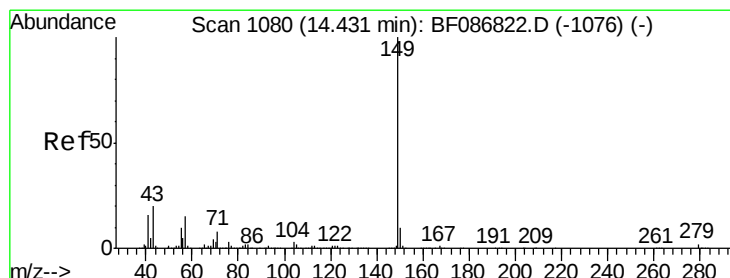
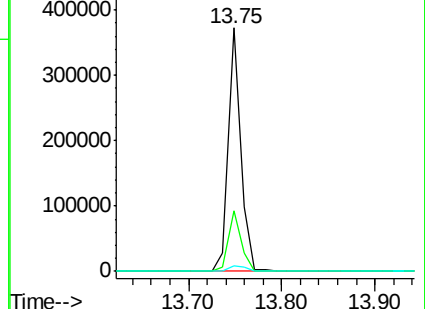
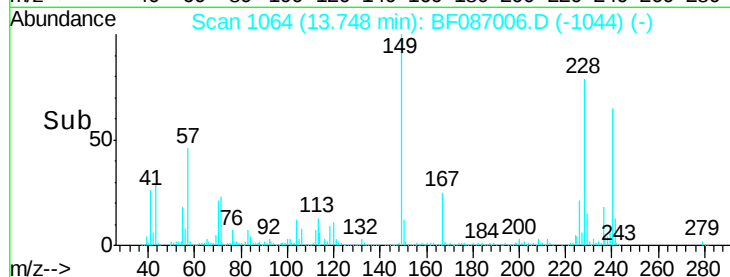


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#84

Di-n-octyl phthalate

Concen: 28.14 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

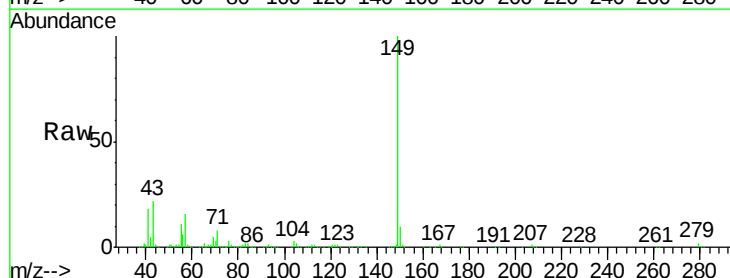
Tgt Ion:149 Resp: 525802

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 17.5 8.2 12.4#

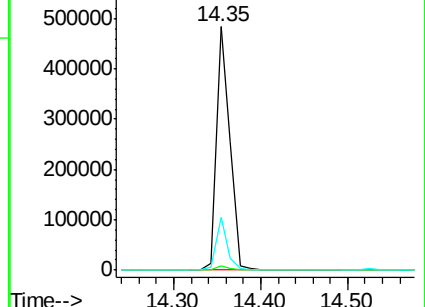
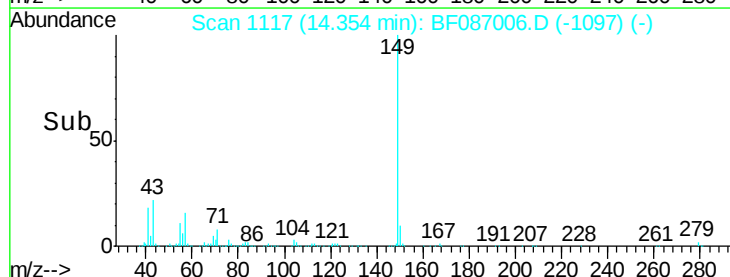


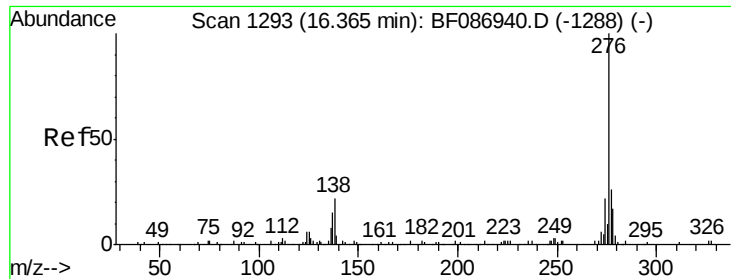
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->

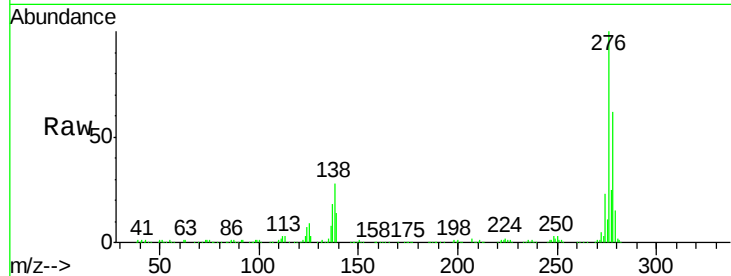




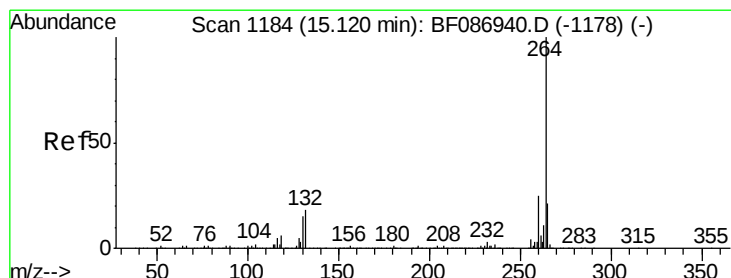
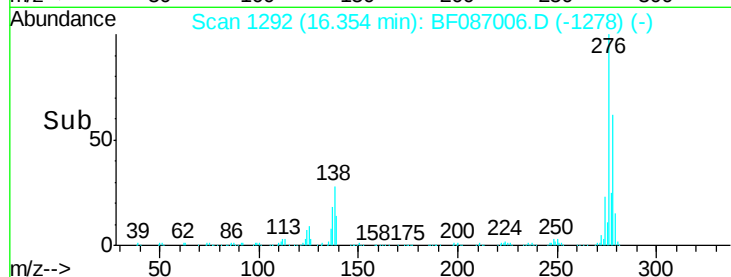
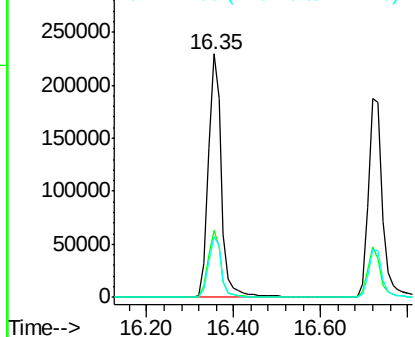
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.23 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.15 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion: 276 Resp: 484672
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.6 38.4
 277 24.8 20.5 30.7

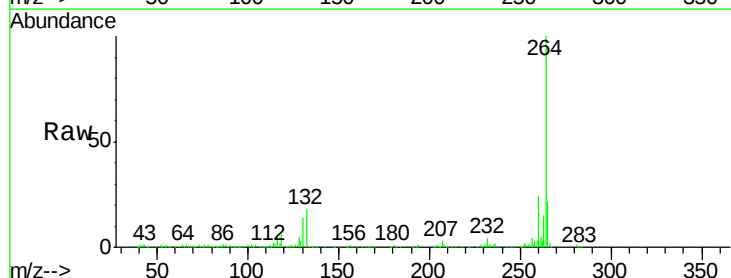


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

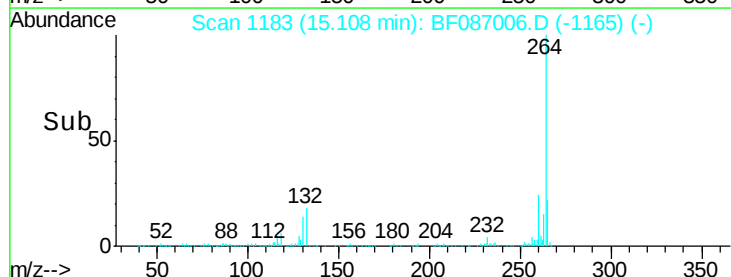
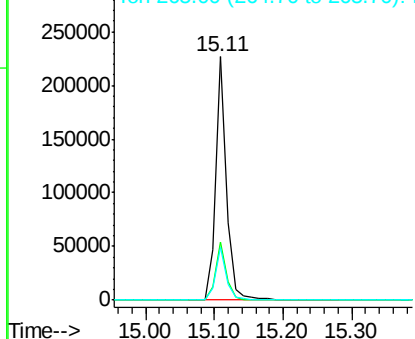


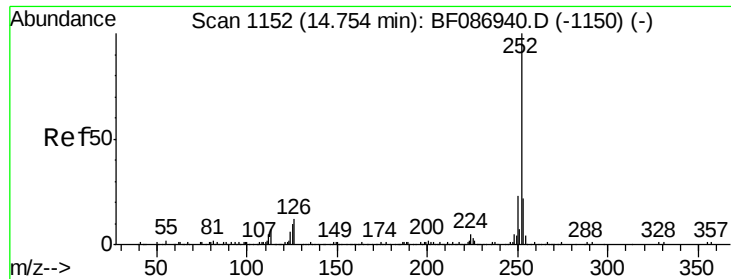
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.10 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Tgt Ion: 264 Resp: 253693
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.36 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.09 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

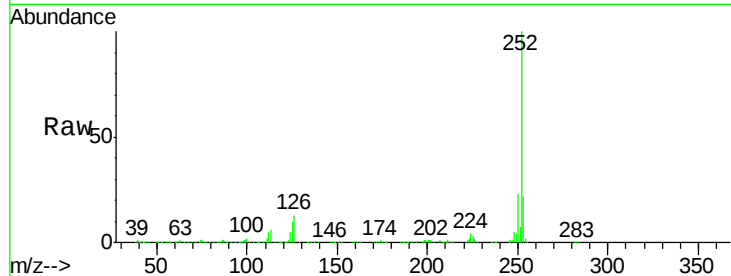
Tgt Ion:252 Resp: 863376

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

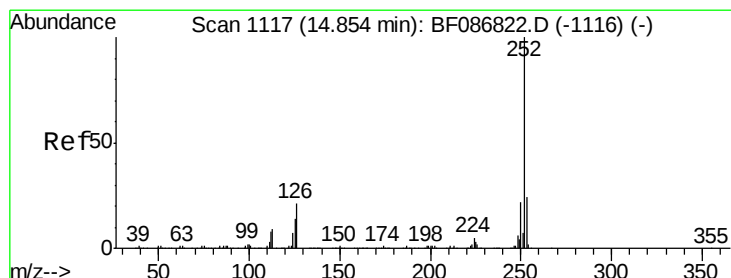
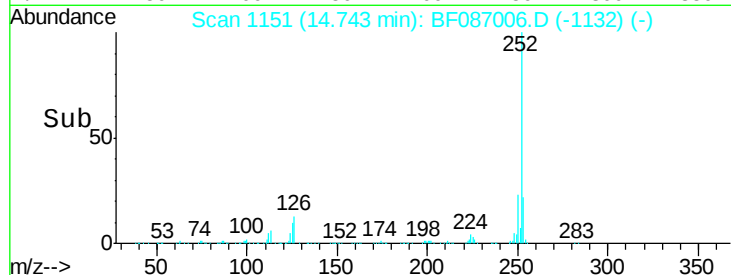
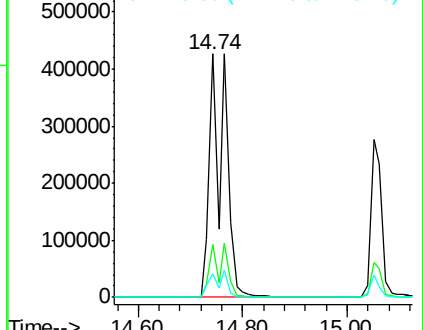
125 9.9 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 63.99 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.11 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

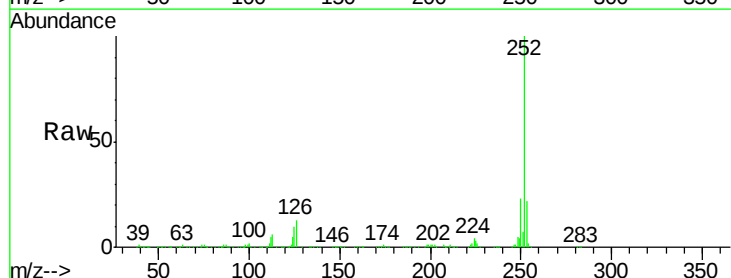
Tgt Ion:252 Resp: 863946

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

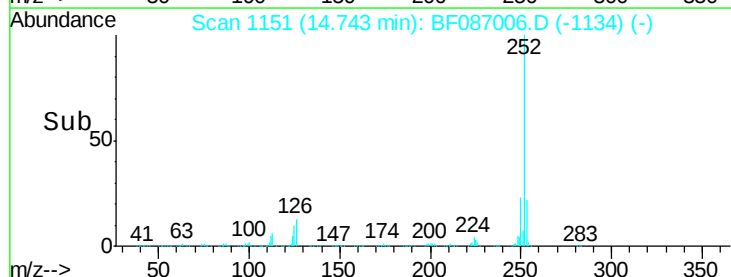
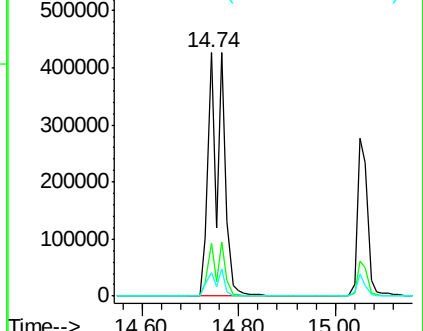
125 9.9 9.1 13.7

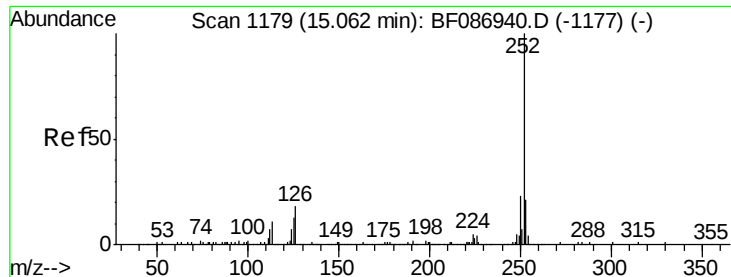


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.20 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.10 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

Instrument :

BNA_F

ClientSampleId :

WC-2MS

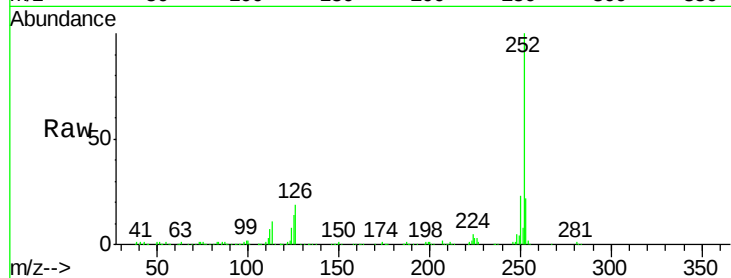
Tgt Ion:252 Resp: 401067

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

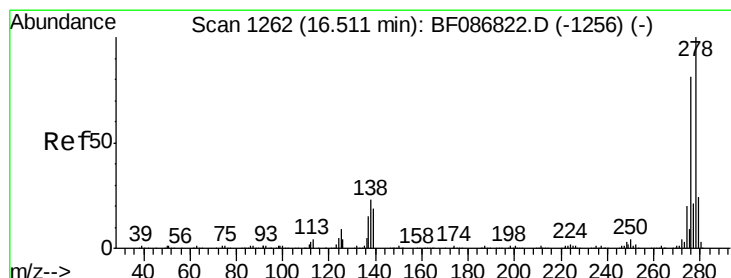
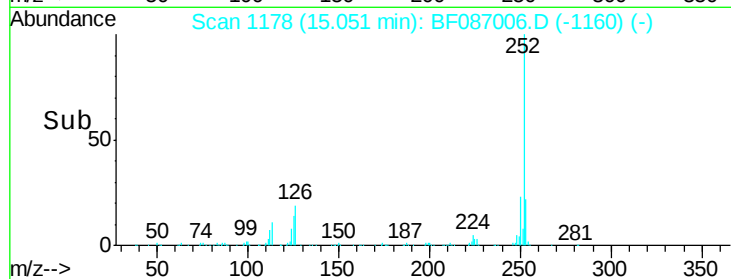
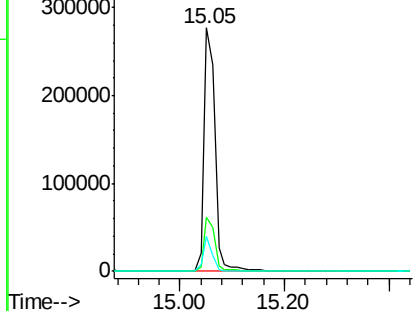
125 14.3 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.22 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087006.D

Acq: 14 May 2016 8:29

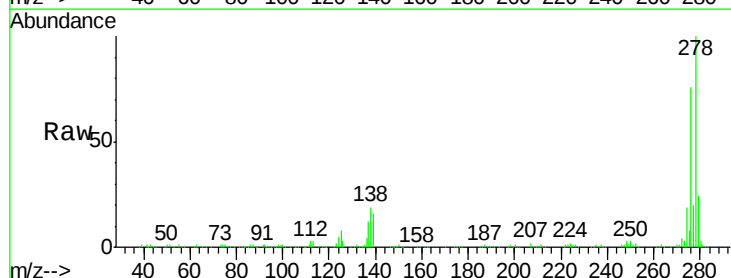
Tgt Ion:278 Resp: 410173

Ion Ratio Lower Upper

278 100

139 16.0 16.6 24.8#

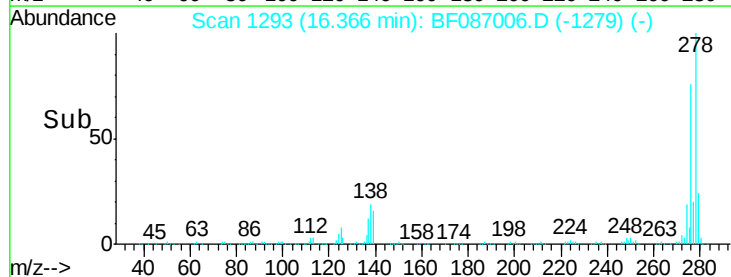
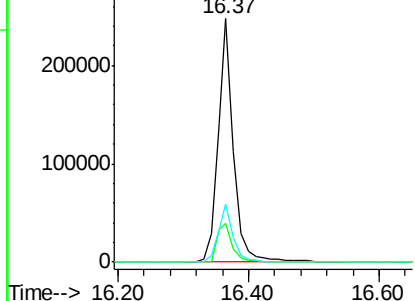
279 23.6 19.6 29.4

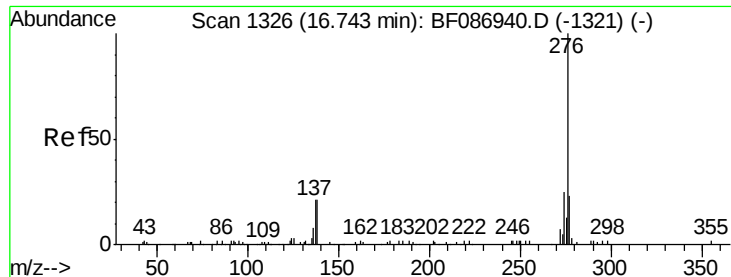


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.60 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.17 min
 Lab File: BF087006.D
 Acq: 14 May 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	25.6	23.6	35.4

