

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090840.D
 Acq On : 26 Oct 2016 13:54
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 14:22:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 14:16:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	201873	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	855762	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	476842	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	778285	20.00	ng	0.00
75) Chrysene-d12	13.96	240	697503	20.00	ng	0.00
86) Perylene-d12	15.37	264	568557	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1370437	109.48	ng	-0.01
7) Phenol-d6	6.44	99	1705588	100.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	1339950	85.88	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	615642	163.12	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2510166	81.72	ng	-0.01
78) Terphenyl-d14	12.91	244	2645304	86.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	363067	50.13	ng	# 73
3) Pyridine	3.04	79	1046525	61.66	ng	# 72
4) n-Nitrosodimethylamine	3.01	42	326720	56.26	ng	# 58
6) Aniline	6.46	93	1077982	56.08	ng	# 86
8) 2-Chlorophenol	6.58	128	796354	53.00	ng	# 96
9) Benzaldehyde	6.34	77	409519	44.18	ng	# 83
10) Phenol	6.45	94	876206	45.97	ng	# 33
11) bis(2-Chloroethyl)ether	6.53	93	798438	49.86	ng	# 93
12) 1,3-Dichlorobenzene	6.73	146	812847	53.85	ng	# 93
13) 1,4-Dichlorobenzene	6.81	146	855376	53.43	ng	# 93
14) 1,2-Dichlorobenzene	6.97	146	848847	54.16	ng	# 97
15) Benzyl Alcohol	6.94	79	543811	47.22	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.08	45	774022	32.27	ng	# 61
17) 2-Methylphenol	7.06	107	597003	52.73	ng	# 85
18) Hexachloroethane	7.30	117	295387	45.45	ng	# 90
19) n-Nitroso-di-n-propylamine	7.23	70	518754	41.08	ng	# 66
20) 3+4-Methylphenols	7.22	107	607818	45.29	ng	# 69
22) Acetophenone	7.22	105	961180	50.40	ng	# 87
24) Nitrobenzene	7.39	77	807993	47.77	ng	# 85
25) Isophorone	7.63	82	1400633	47.42	ng	# 94
26) 2-Nitrophenol	7.70	139	425934	61.64	ng	# 78
27) 2,4-Dimethylphenol	7.74	122	637299	52.01	ng	# 82
28) bis(2-Chloroethoxy)methane	7.84	93	754052	46.67	ng	# 94
29) 2,4-Dichlorophenol	7.95	162	666341	66.27	ng	# 97
30) 1,2,4-Trichlorobenzene	8.02	180	737035	62.28	ng	# 95
31) Naphthalene	8.11	128	2194063	52.41	ng	# 97
32) Benzoic acid	7.92	122	532850	68.37	ng	# 71
33) 4-Chloroaniline	8.16	127	958871	61.77	ng	# 91
34) Hexachlorobutadiene	8.22	225	455099	68.40	ng	# 99
35) Caprolactam	8.56	113	181667	63.26	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	628480	53.74	ng	# 85
37) 2-Methylnaphthalene	8.80	142	1443868	59.02	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	790618	61.40	ng	# 98
40) Hexachlorocyclopentadiene	8.94	237	368460	60.96	ng	# 98

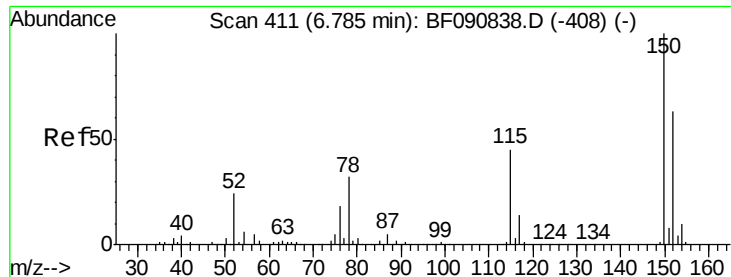
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090840.D
 Acq On : 26 Oct 2016 13:54
 Operator : UM/SJ
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 BNA_F
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Quant Time: Oct 26 14:22:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 14:16:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	501740	62.84	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	501740	61.92	nq	95
45) 1,1'-Biphenyl	9.26	154	1799626	48.06	nq	93
46) 2-Chloronaphthalene	9.29	162	1407748	50.58	nq	93
47) 2-Nitroaniline	9.39	65	388138	42.01	nq	# 78
48) Acenaphthylene	9.70	152	2044516	48.14	nq	94
49) Dimethylphthalate	9.57	163	1669015	55.70	nq	# 97
50) 2,6-Dinitrotoluene	9.63	165	360682	55.98	nq	# 72
51) Acenaphthene	9.87	154	1381761	49.01	nq	90
52) 3-Nitroaniline	9.80	138	421672	56.93	nq	# 72
53) 2,4-Dinitrophenol	9.90	184	234242	84.85	nq	# 75
54) Dibenzofuran	10.04	168	1750707	51.26	nq	# 84
55) 4-Nitrophenol	9.97	139	305396	77.95	nq	# 88
56) 2,4-Dinitrotoluene	10.03	165	486867	61.82	nq	# 79
57) Fluorene	10.38	166	1321920	46.71	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	467728	73.55	nq	91
59) Diethylphthalate	10.27	149	1725300	55.52	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	738771	57.12	nq	# 86
61) 4-Nitroaniline	10.42	138	422435	56.31	nq	# 62
62) Azobenzene	10.54	77	1453425	39.94	nq	84
64) 4,6-Dinitro-2-methylphenol	10.44	198	306786	66.30	nq	87
65) n-Nitrosodiphenylamine	10.50	169	1258694	50.48	nq	90
66) 4-Bromophenyl-phenylether	10.86	248	481739	63.85	nq	97
67) Hexachlorobenzene	10.93	284	563846	63.33	nq	# 89
68) Atrazine	11.04	200	443922	64.50	nq	86
69) Pentachlorophenol	11.13	266	339655	74.17	nq	99
70) Phenanthrene	11.40	178	2358574	59.45	nq	95
71) Anthracene	11.40	178	2367304	53.81	nq	95
72) Carbazole	11.55	167	1989483	54.09	nq	# 93
73) Di-n-butylphthalate	11.89	149	2679655	56.16	nq	# 98
74) Fluoranthene	12.53	202	2350928	61.26	nq	90
76) Benzidine	12.66	184	732496	47.30	nq	# 93
77) Pyrene	12.76	202	2354303	48.33	nq	# 93
79) Butylbenzylphthalate	13.38	149	1149122	51.32	nq	# 84
80) Benzo(a)anthracene	13.95	228	1961597	51.39	nq	95
81) 3,3'-Dichlorobenzidine	13.92	252	736502	55.68	nq	# 96
82) Chrysene	13.95	228	1961597	52.65	nq	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	1348478	42.09	nq	99
84) Di-n-octyl phthalate	14.56	149	2368718	48.72	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.75	276	1795813	55.25	nq	# 90
87) Benzo(b)fluoranthene	15.00	252	4053649	115.95	nq	# 88
88) Benzo(k)fluoranthene	15.00	252	4057261	115.48	nq	# 88
89) Benzo(a)pyrene	15.32	252	1873954	57.13	nq	# 87
90) Dibenzo(a,h)anthracene	16.76	278	1579874	50.17	nq	# 83
91) Benzo(g,h,i)perylene	17.16	276	1412407	46.24	nq	# 81

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

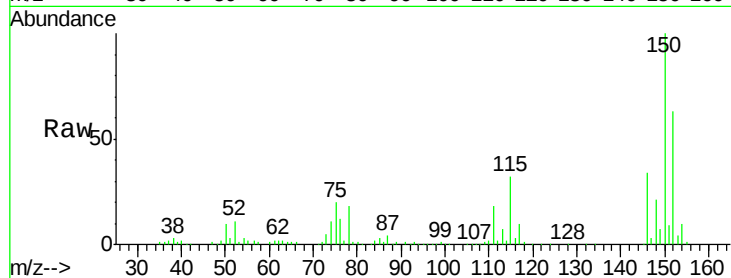


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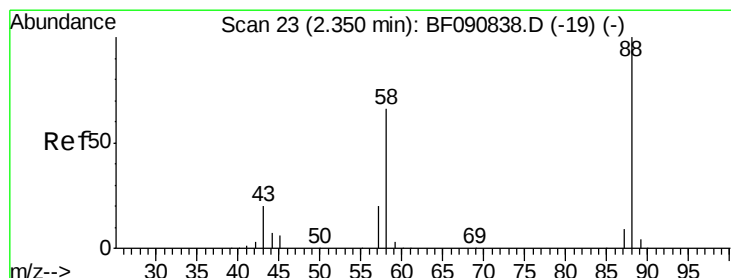
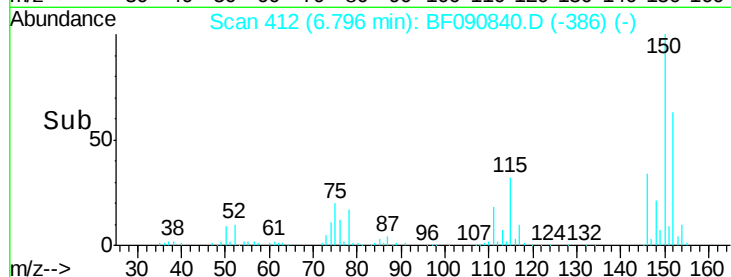
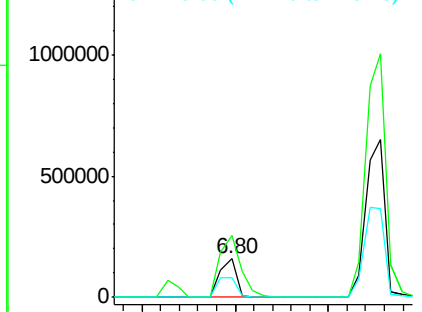
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	51.8	39.0	58.4



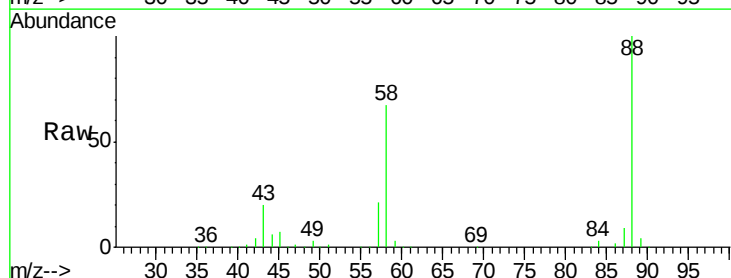
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



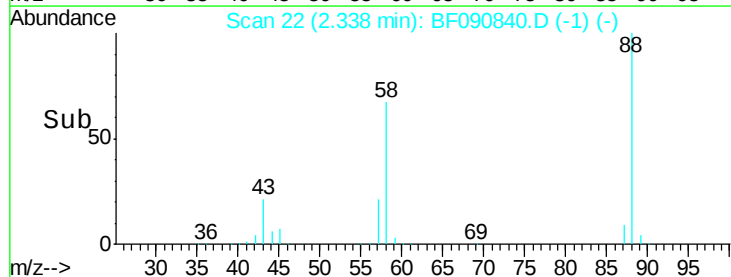
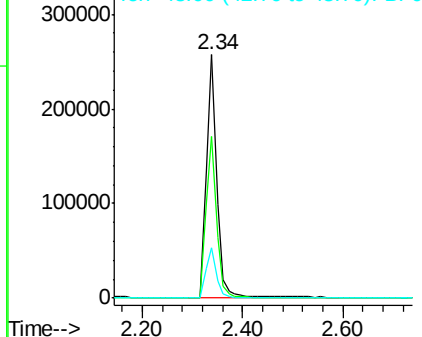
#2

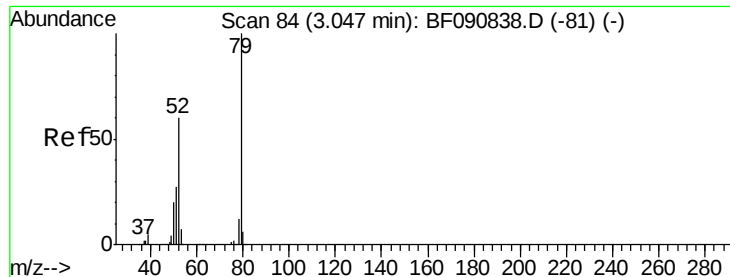
1,4-Dioxane
Concen: 50.13 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	77.7	116.5#
43	21.0	26.6	40.0#



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

Pvridine

Concen: 61.66 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.02 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

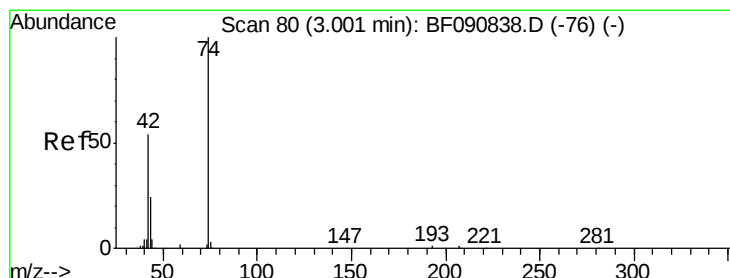
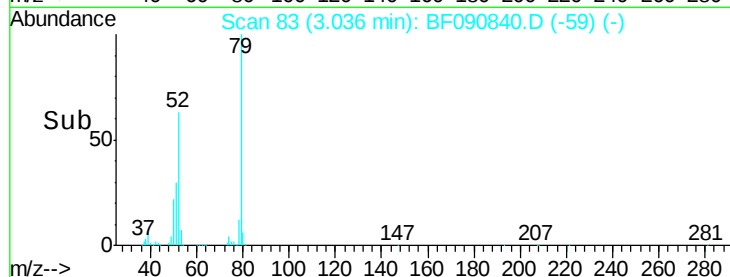
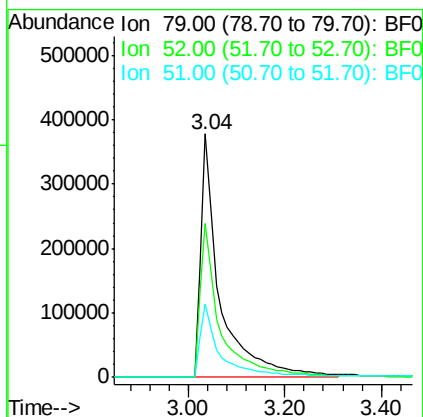
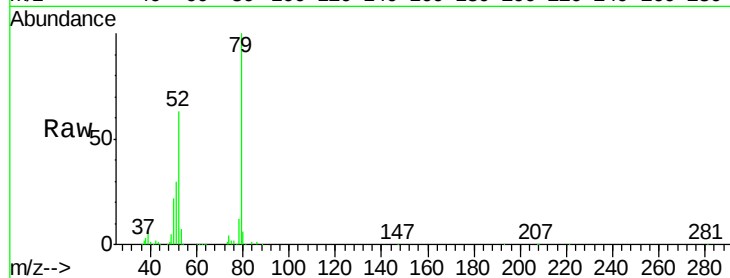
Tot Ion: 79 Resp: 1046525

Ion Ratio Lower Upper

79 100

52 63.4 76.8 115.2#

51 30.3 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 56.26 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

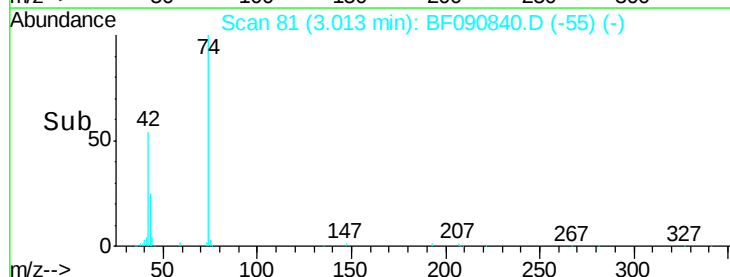
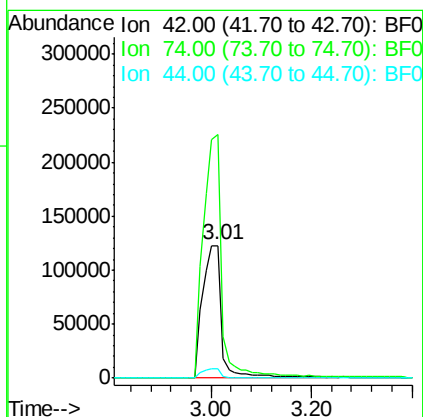
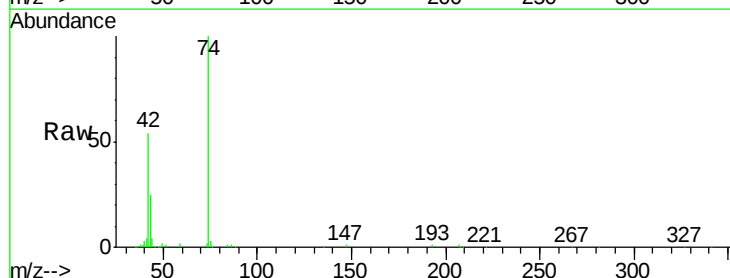
Tgt Ion: 42 Resp: 326720

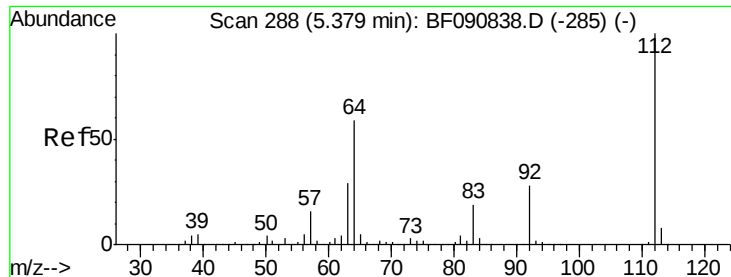
Ion Ratio Lower Upper

42 100

74 183.5 105.0 157.6#

44 7.3 6.6 10.0





#5

2-Fluorophenol

Concen: 109.48 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

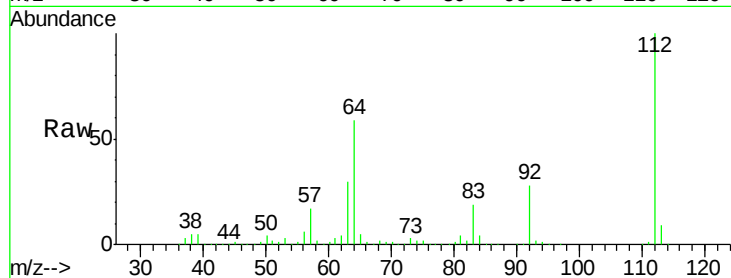
Tot Ion:112 Resp: 1370437

Ion Ratio Lower Upper

112 100

64 59.5 39.7 59.5

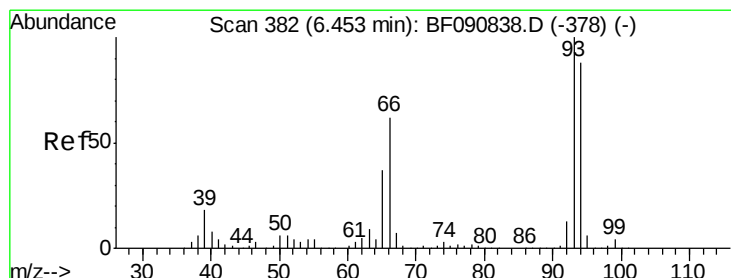
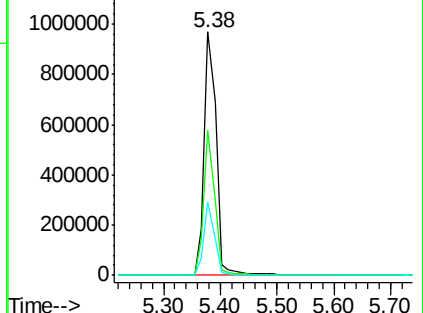
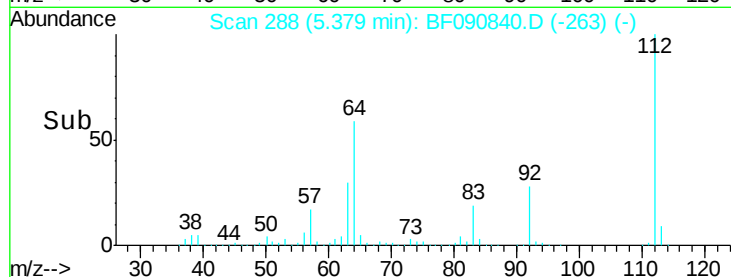
63 29.9 17.4 26.0#



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: 56.08 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

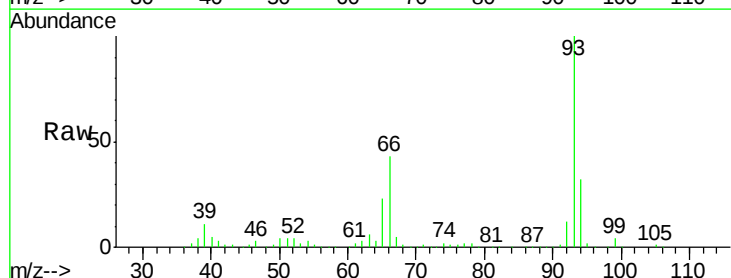
Tgt Ion: 93 Resp: 1077982

Ion Ratio Lower Upper

93 100

66 43.5 27.2 40.8#

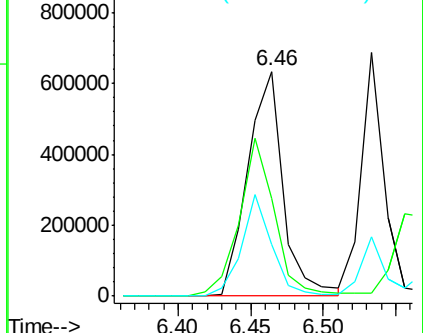
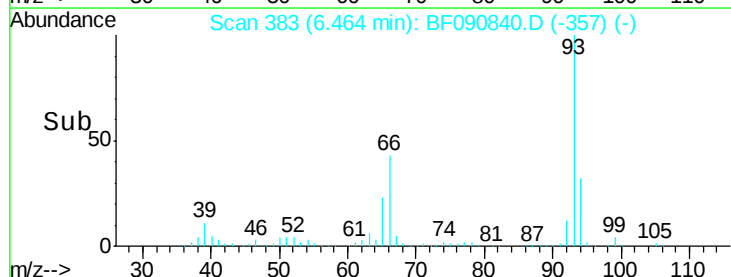
65 23.2 14.7 22.1#

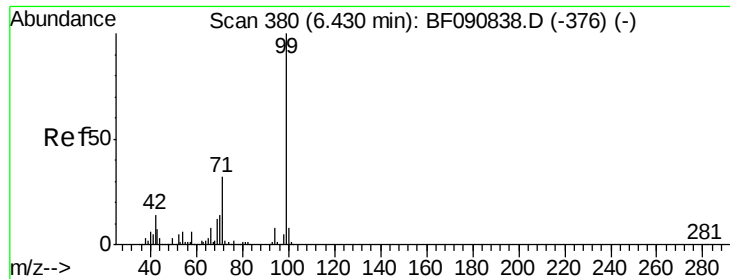


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.60 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

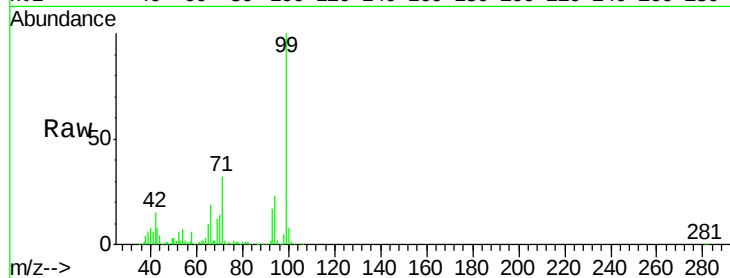
Tot Ion: 99 Resp: 1705588

Ion Ratio Lower Upper

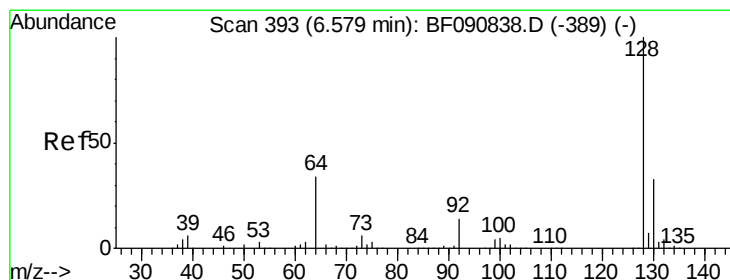
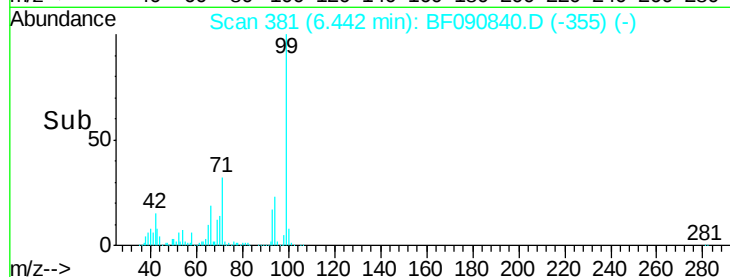
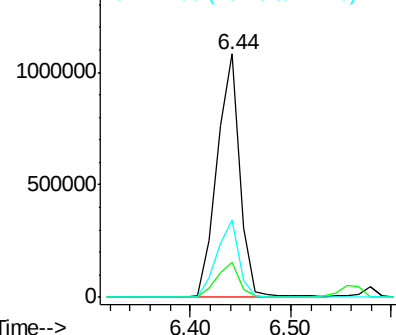
99 100

42 14.6 13.7 20.5

71 31.9 14.2 21.2#



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: 53.00 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

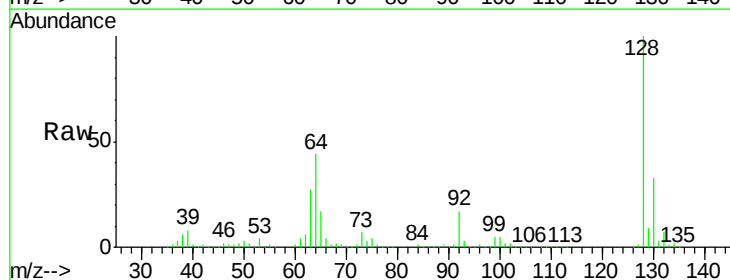
Tgt Ion:128 Resp: 796354

Ion Ratio Lower Upper

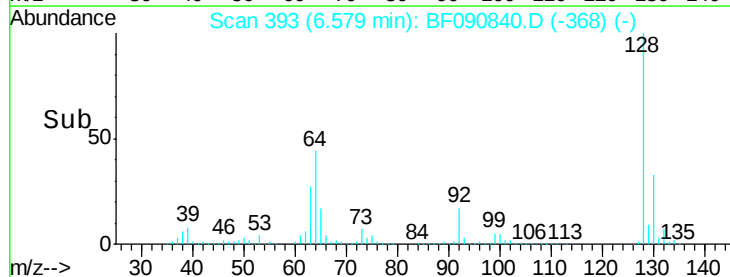
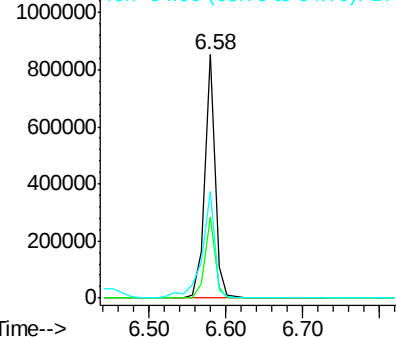
128 100

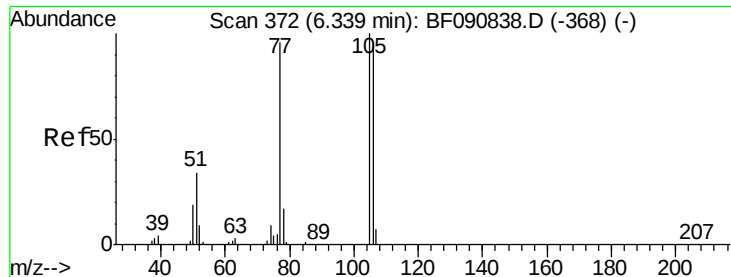
130 33.2 12.2 52.2

64 43.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.18 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

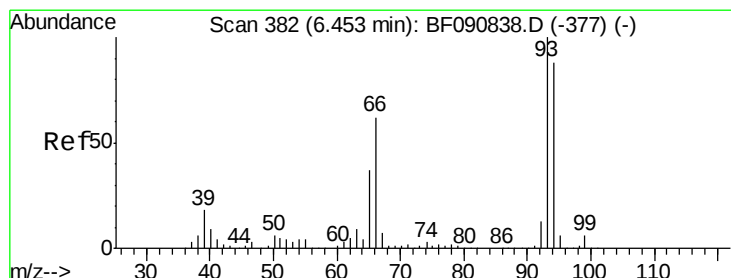
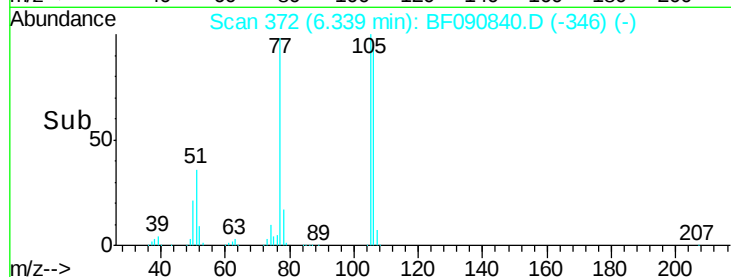
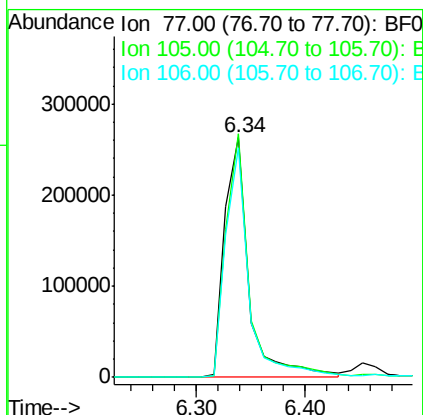
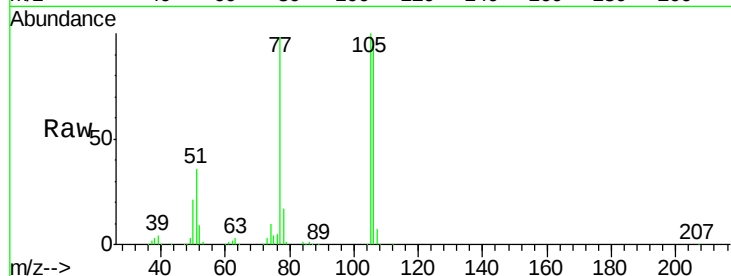
Tot Ion: 77 Resp: 409519

Ion Ratio Lower Upper

77 100

105 101.6 91.6 131.6

106 95.9 102.6 142.6#



#10

Phenol

Concen: 45.97 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

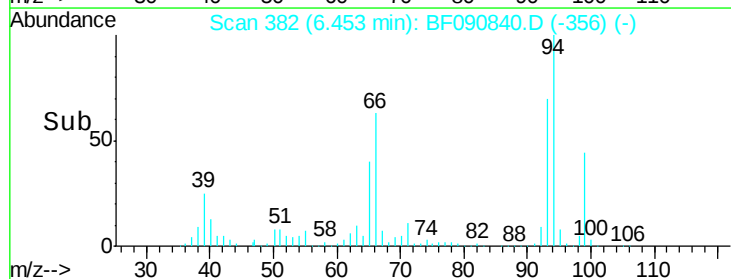
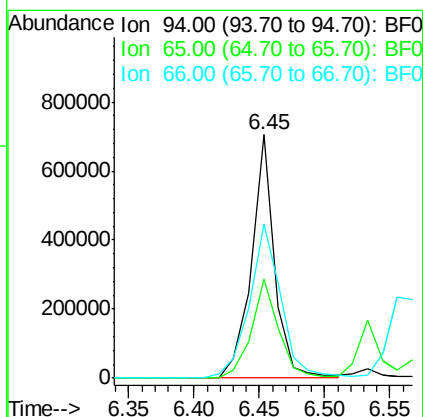
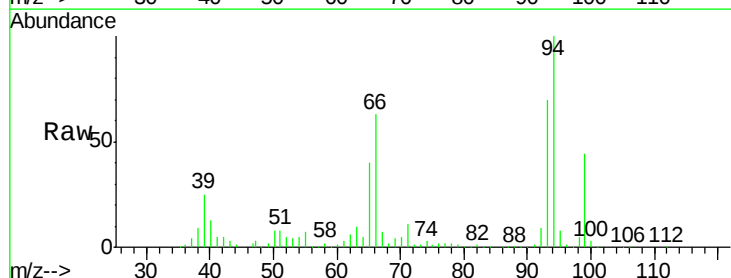
Tgt Ion: 94 Resp: 876206

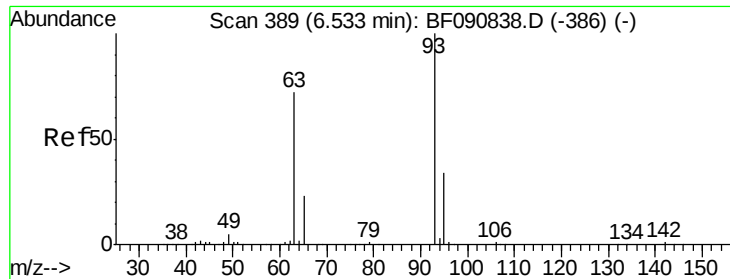
Ion Ratio Lower Upper

94 100

65 40.5 0.7 40.7

66 63.2 0.8 40.8#

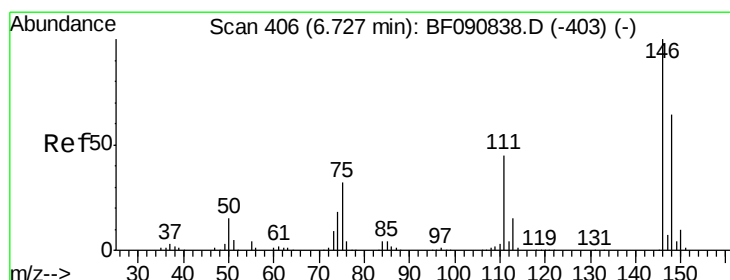
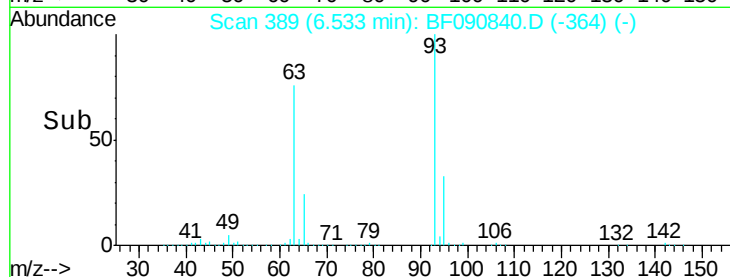
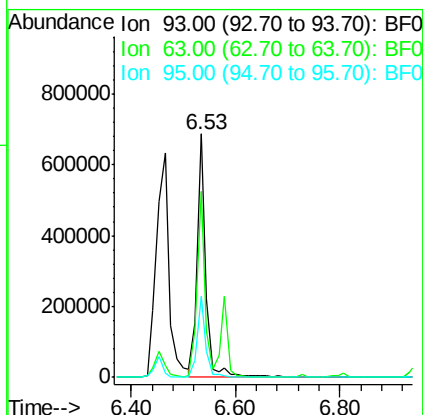
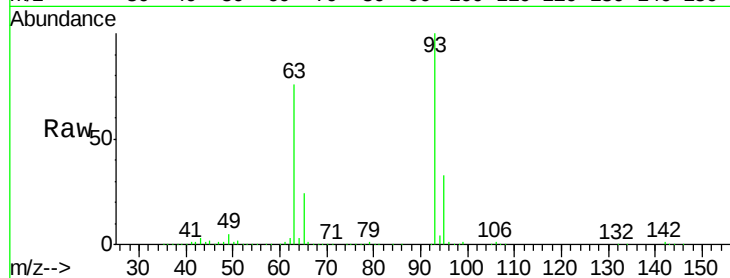




#11
bis(2-Chloroethyl)ether
Concen: 49.86 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

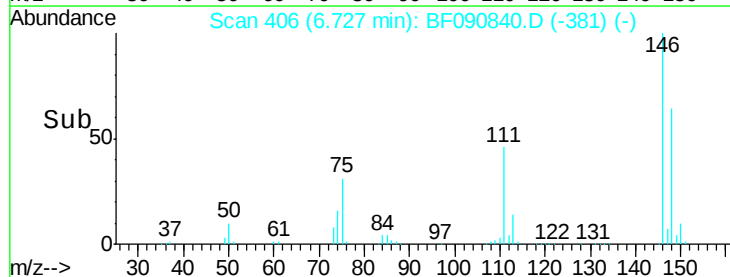
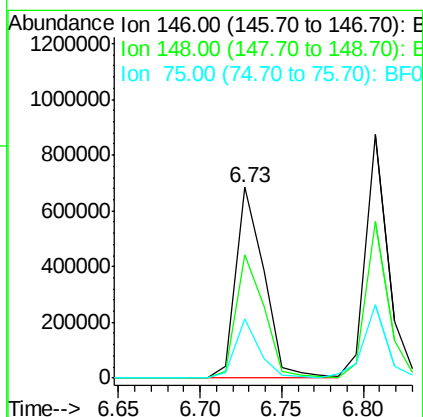
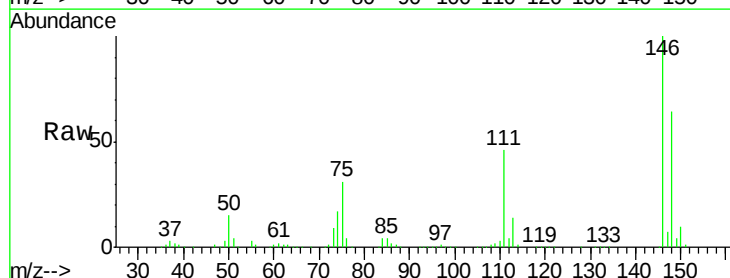
Instrument :
BNA_F
ClientSampled :

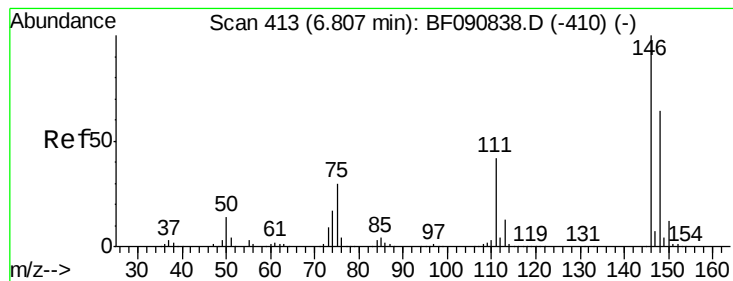
Tot Ion: 93 Resp: 798438
Ion Ratio Lower Upper
93 100
63 76.4 65.6 105.6
95 33.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 53.85 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion: 146 Resp: 812847
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 31.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 53.43 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

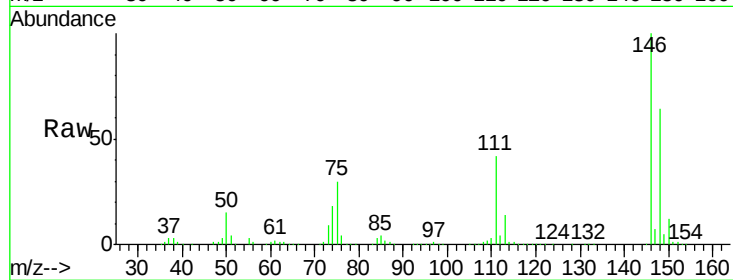
Tot Ion:146 Resp: 855376

Ion Ratio Lower Upper

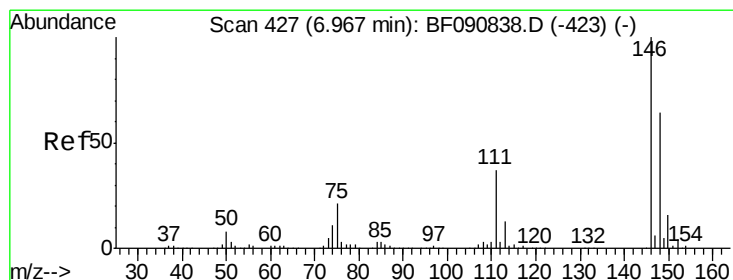
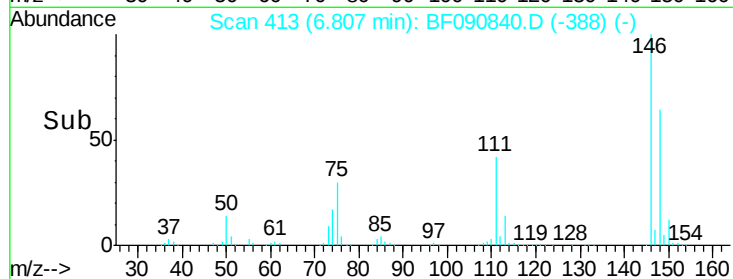
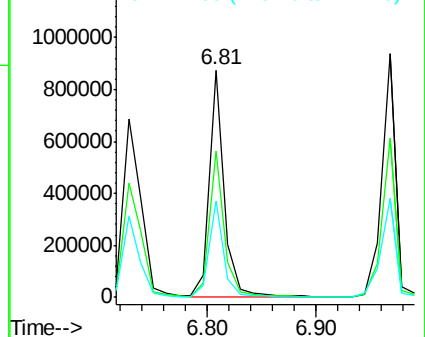
146 100

148 64.5 51.8 77.6

111 42.3 24.9 37.3#



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: 54.16 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

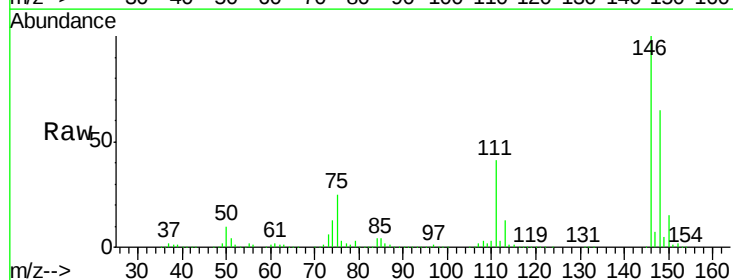
Tgt Ion:146 Resp: 848847

Ion Ratio Lower Upper

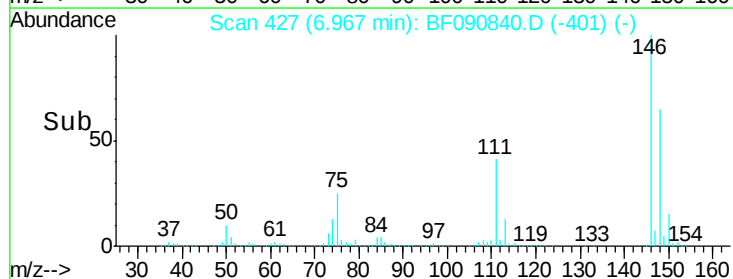
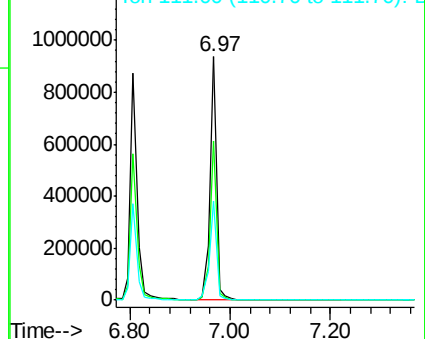
146 100

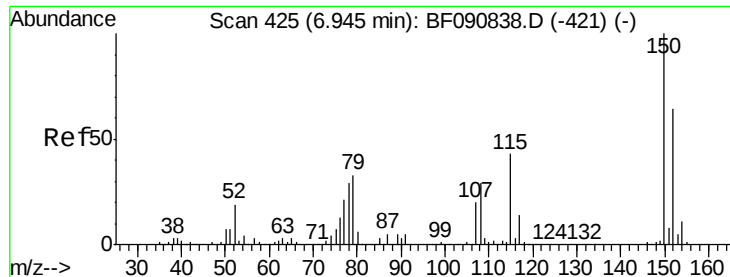
148 65.4 52.7 79.1

111 40.6 28.8 43.2



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

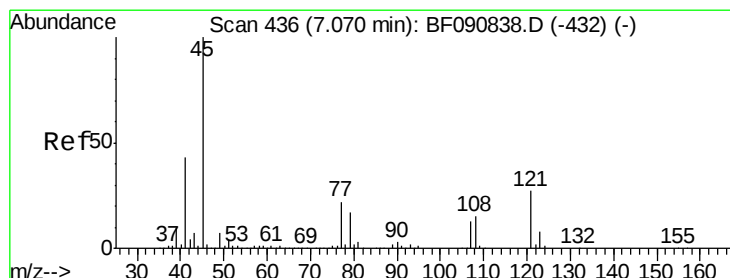
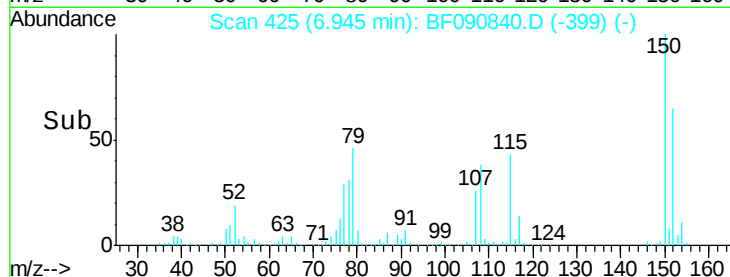
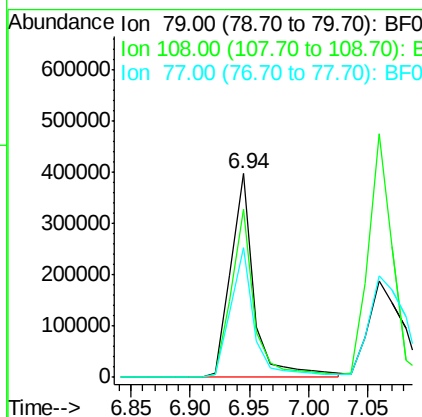
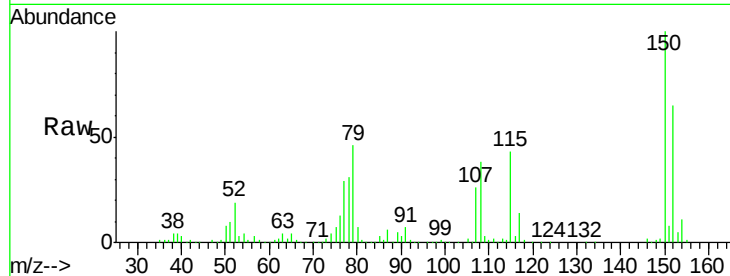




#15
Benzyl Alcohol
Concen: 47.22 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

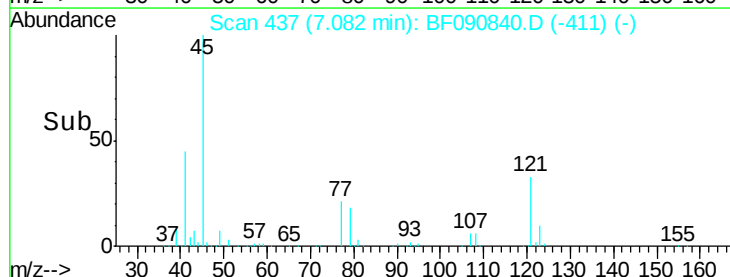
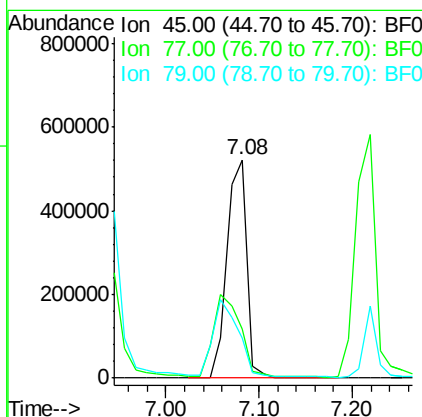
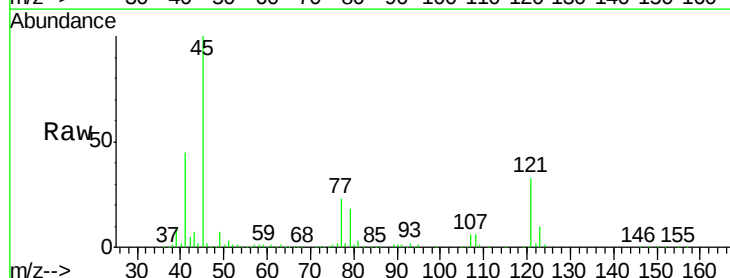
Instrument :
BNA_F
ClientSampled :

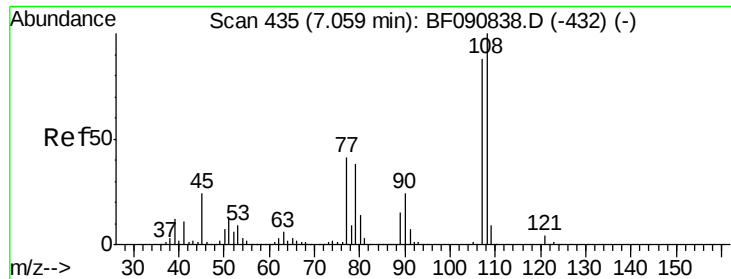
Tot Ion: 79 Resp: 543811
Ion Ratio Lower Upper
79 100
108 82.6 88.6 132.8#
77 63.5 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.27 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion: 45 Resp: 774022
Ion Ratio Lower Upper
45 100
77 22.5 0.0 28.1
79 18.4 0.0 26.0

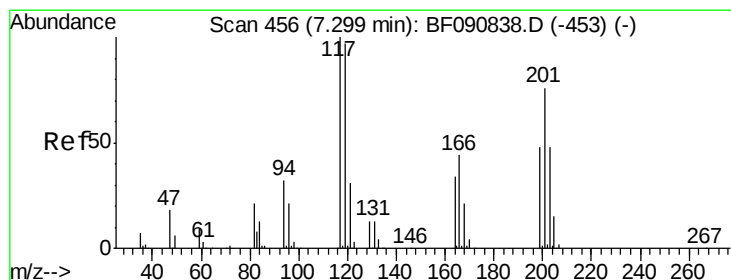
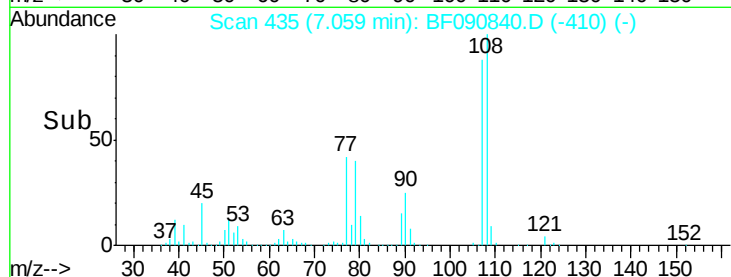
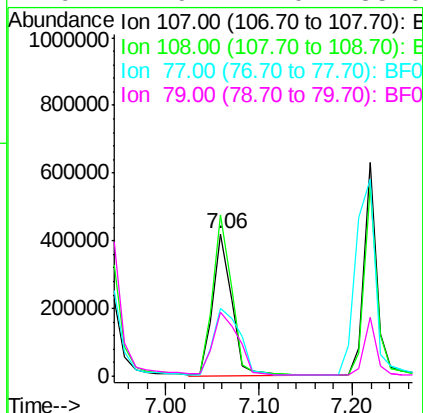
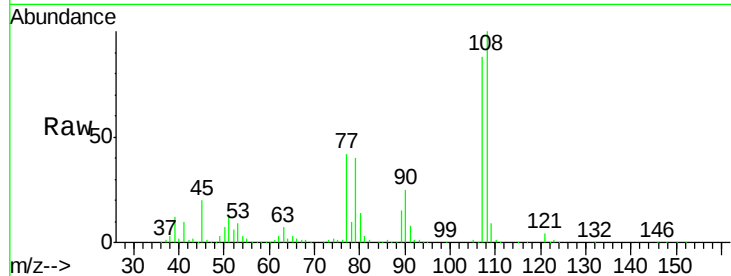




#17
2-Methylphenol
Concen: 52.73 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

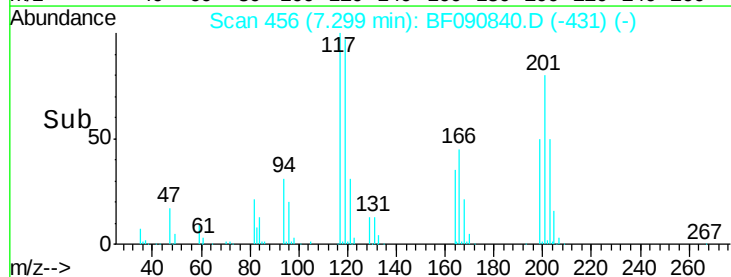
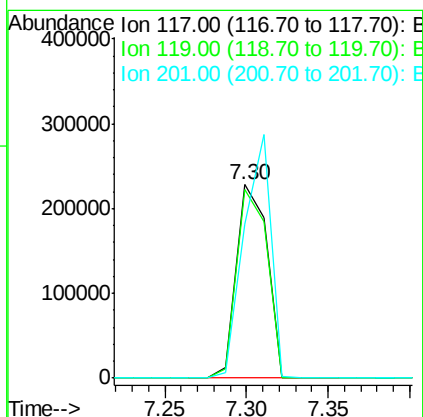
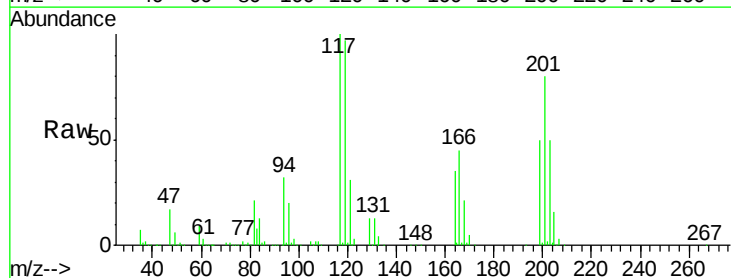
Instrument :
BNA_F
ClientSampleId :

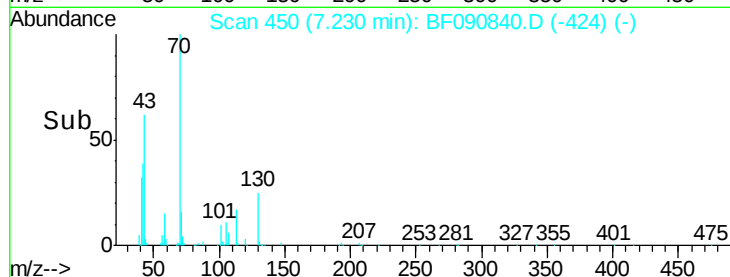
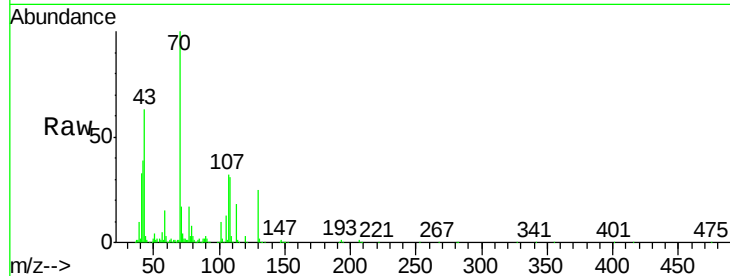
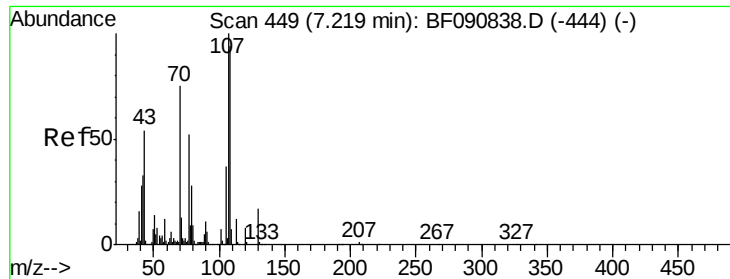
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	96.6	145.0
77	47.4	23.3	34.9#
79	44.9	22.0	33.0#



#18
Hexachloroethane
Concen: 45.45 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	83.8	125.6
201	79.8	55.1	82.7

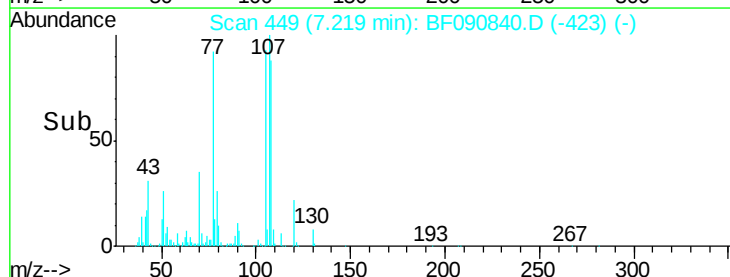
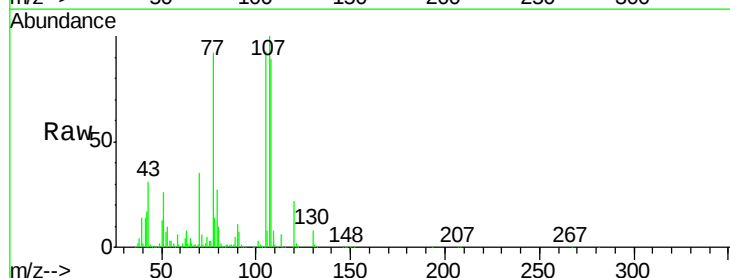
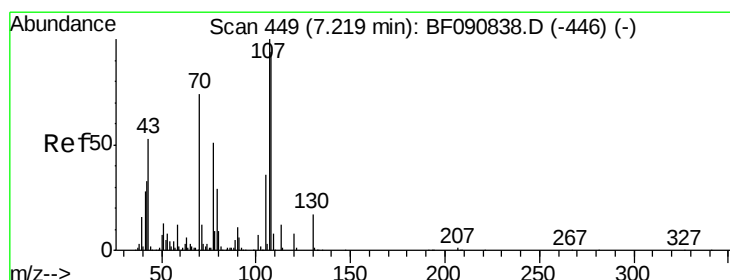
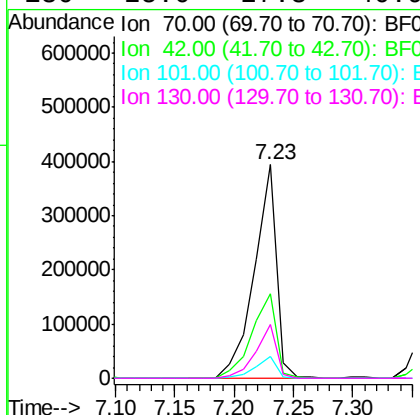




#19
n-Nitroso-di-n-propylamine
Concen: 41.08 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

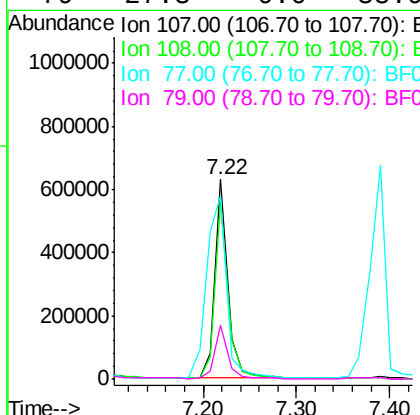
Instrument :
BNA_F
ClientSampleId :

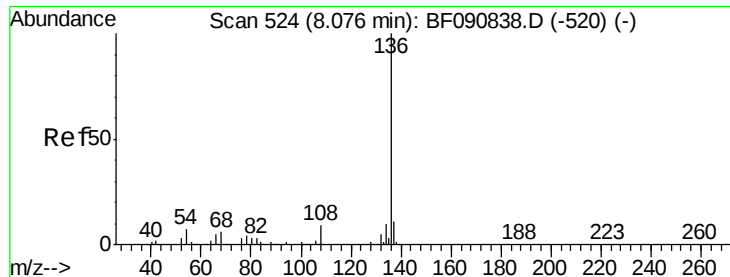
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.4	63.8	95.6#	
101	10.4	9.2	13.8	
130	25.0	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 45.29 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	74.6	114.6	
77	92.2	0.7	40.7#	
79	27.3	0.0	38.9	

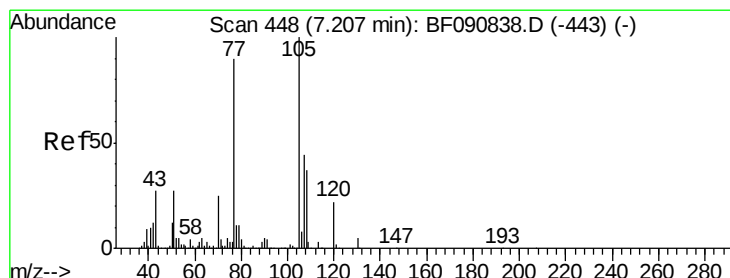
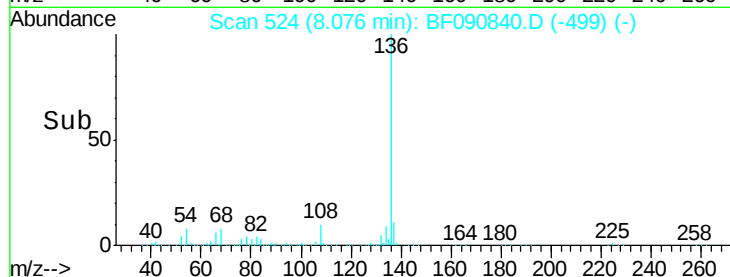
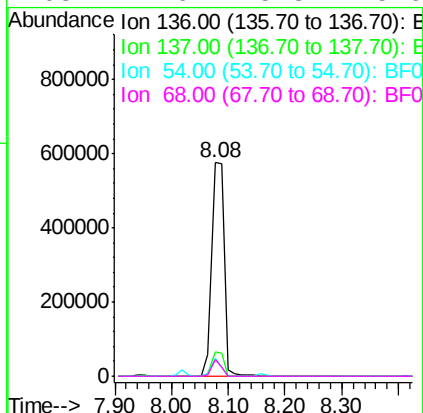
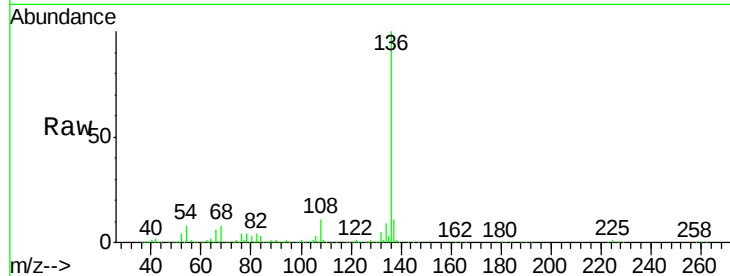




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

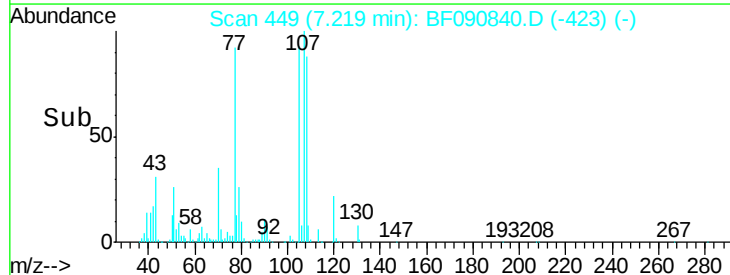
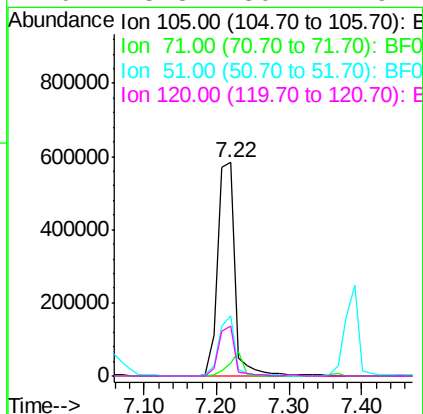
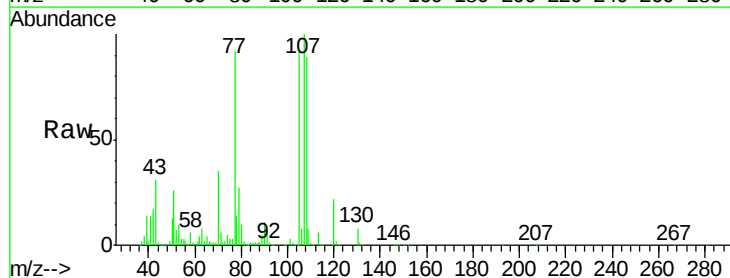
Instrument :
BNA_F
ClientSampleId :

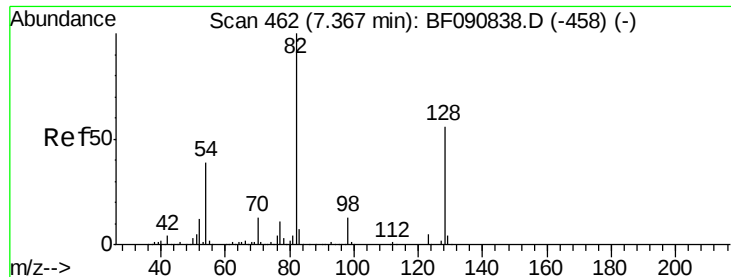
Tot Ion:136	Resp:	855762	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.0	13.6	
54 8.4	8.2	12.2	
68 7.6	5.8	8.6	



#22
Acetophenone
Concen: 50.40 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion:105	Resp:	961180
Ion Ratio	Lower	Upper
105 100		
71 6.3	4.7	7.1
51 28.3	22.0	33.0
120 23.3	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 85.88 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

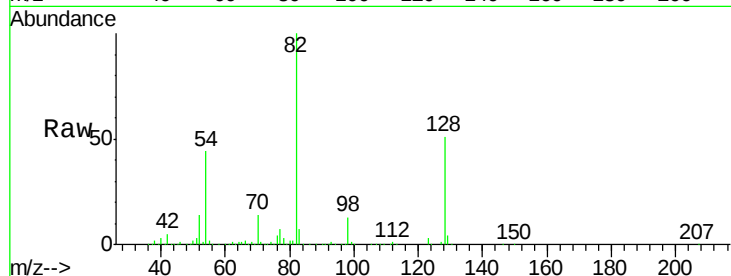
Tot Ion: 82 Resp: 1339950

Ion Ratio Lower Upper

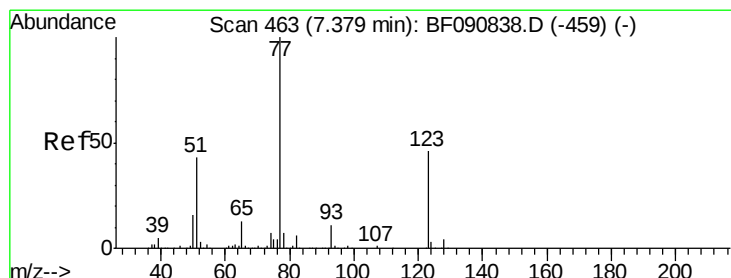
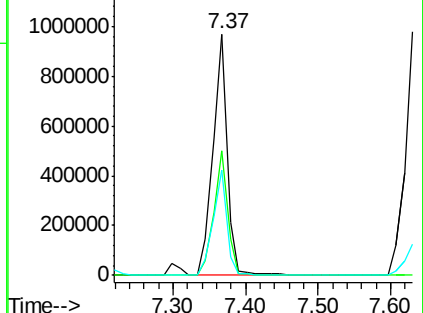
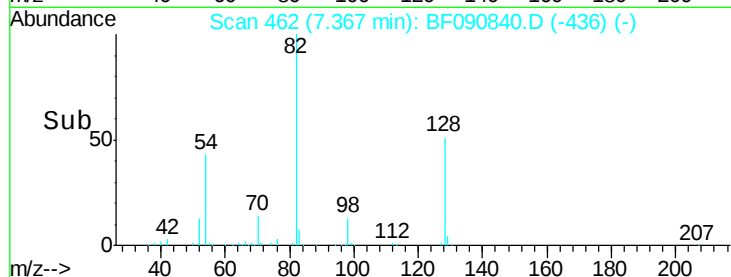
82 100

128 51.4 51.0 76.6

54 43.5 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.77 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

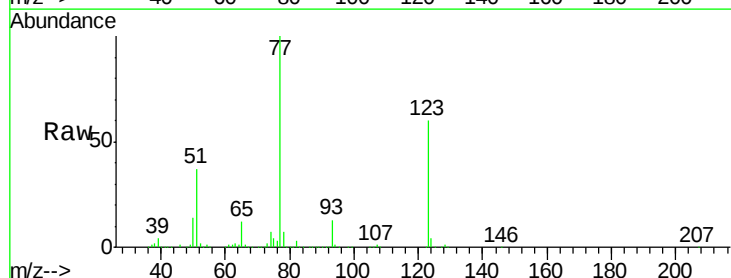
Tgt Ion: 77 Resp: 807993

Ion Ratio Lower Upper

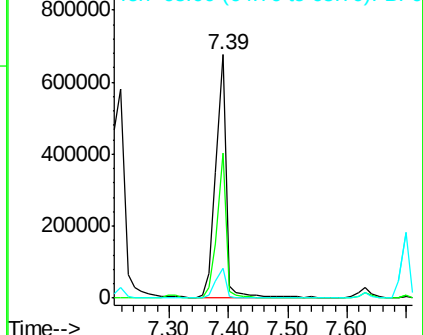
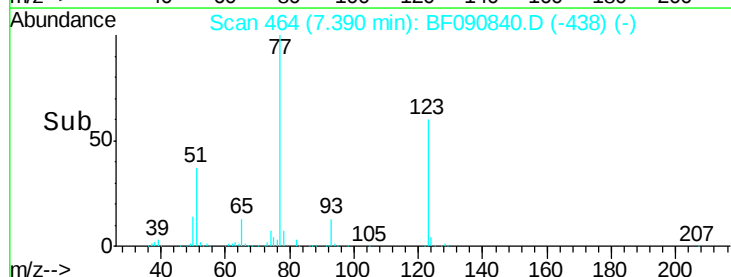
77 100

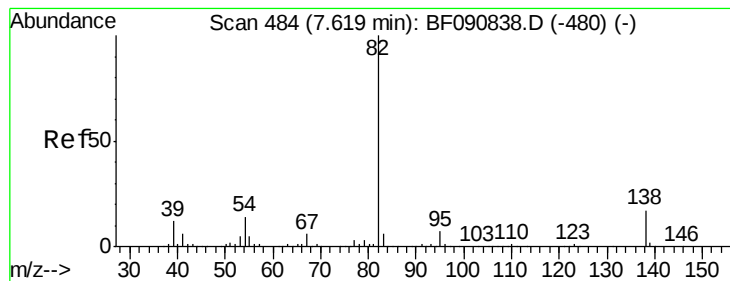
123 59.5 59.8 89.8#

65 12.4 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.42 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

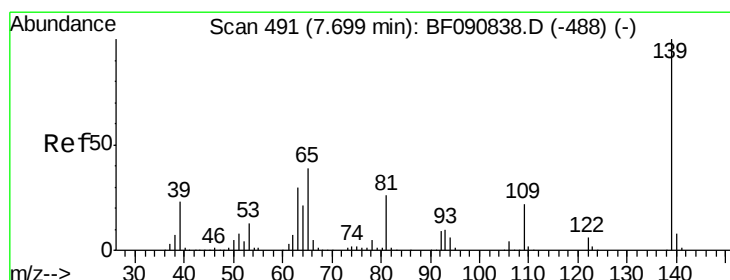
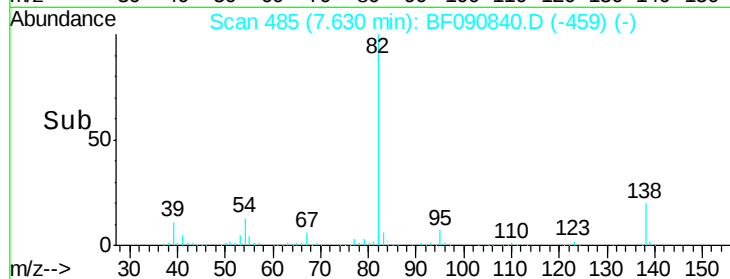
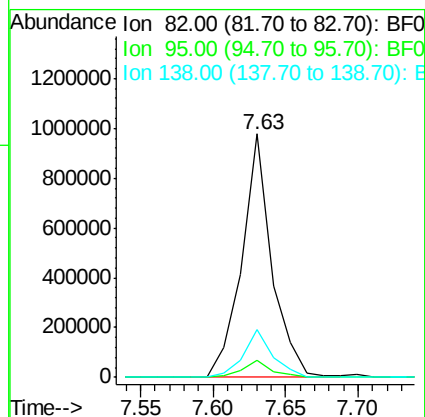
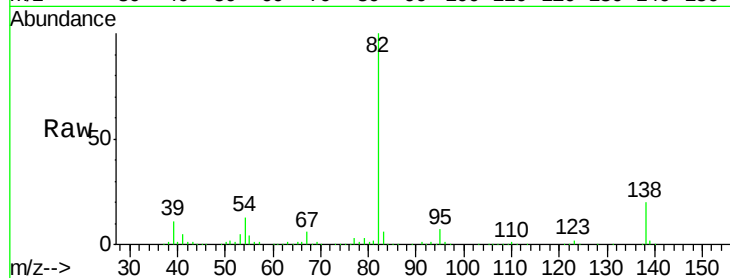
Tot Ion: 82 Resp: 1400633

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 19.8 18.3 27.5



#26

2-Nitrophenol

Concen: 61.64 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

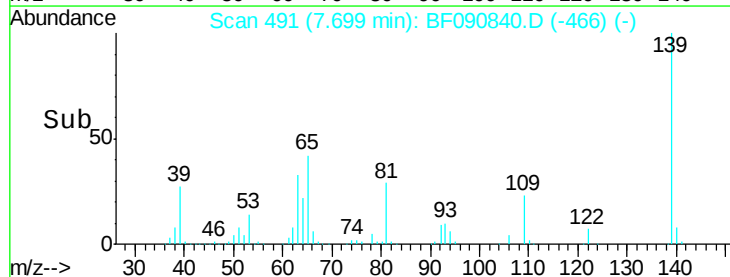
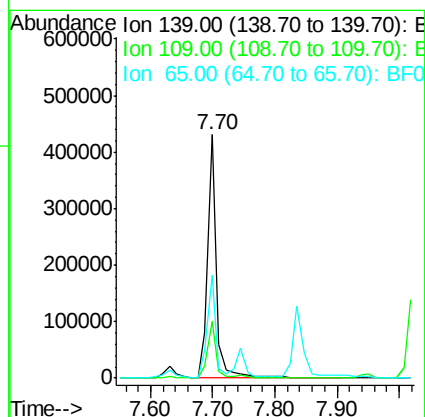
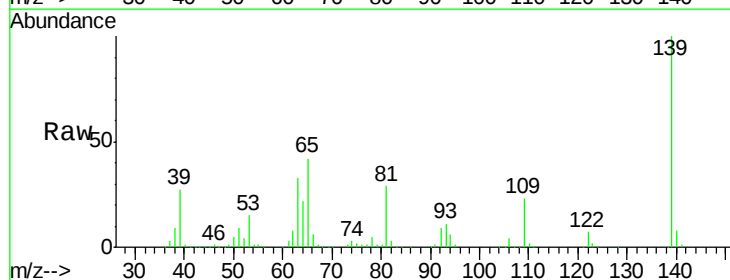
Tgt Ion: 139 Resp: 425934

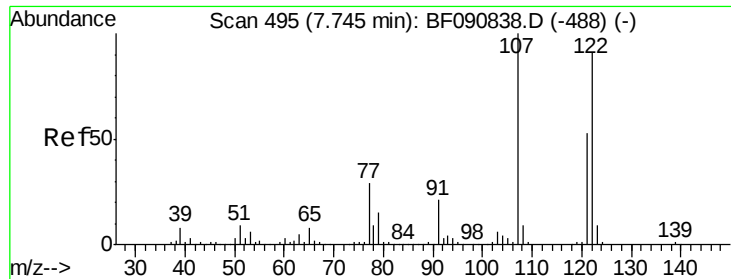
Ion Ratio Lower Upper

139 100

109 23.5 11.0 16.4#

65 42.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 52.01 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

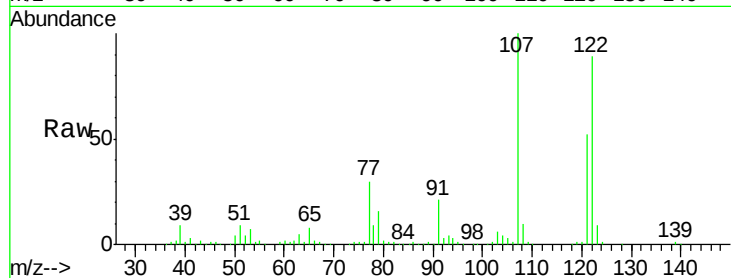
Tot Ion:122 Resp: 637299

Ion Ratio Lower Upper

122 100

107 112.4 71.8 107.6#

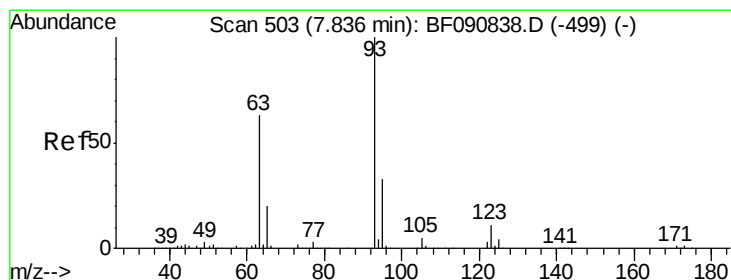
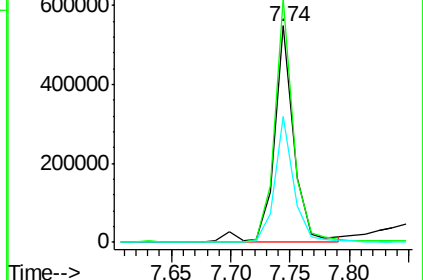
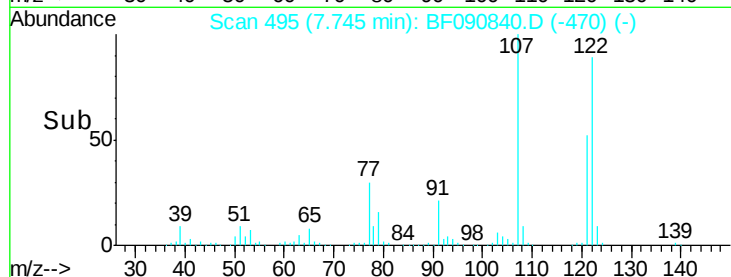
121 58.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.67 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

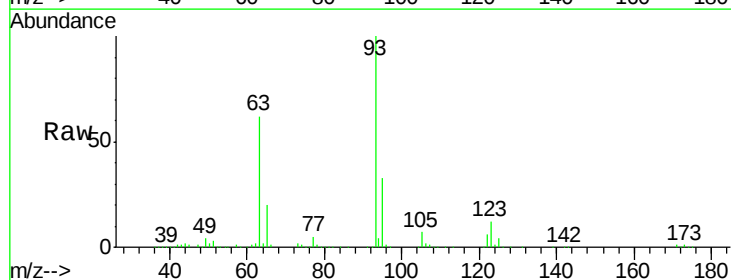
Tgt Ion: 93 Resp: 754052

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

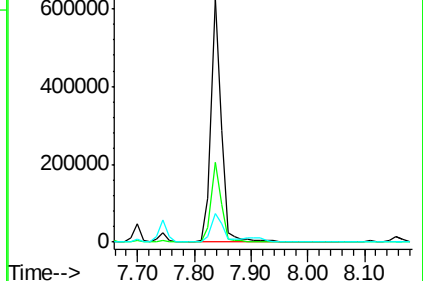
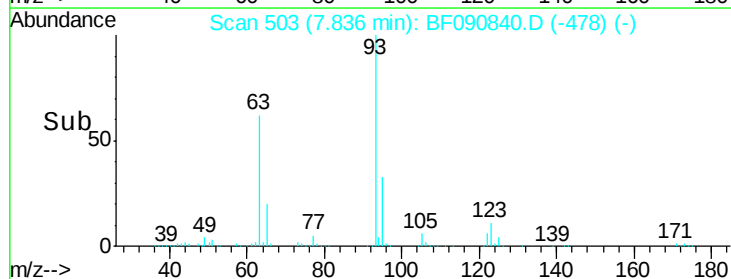
123 11.6 13.7 20.5#

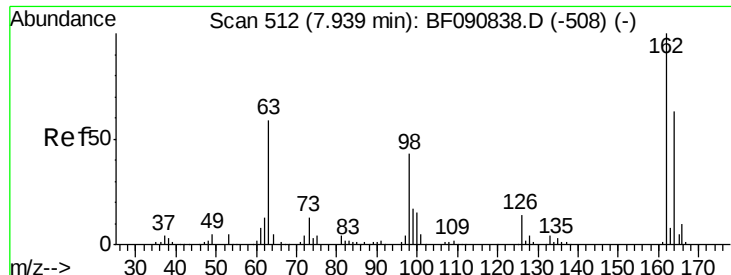


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

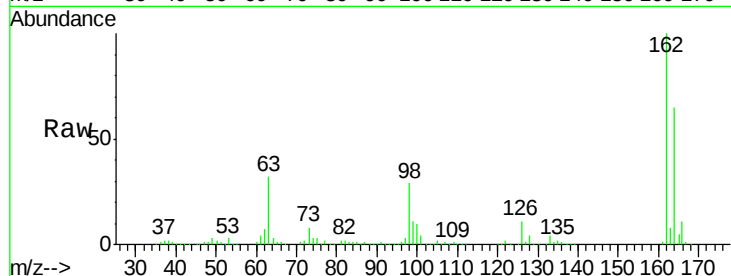




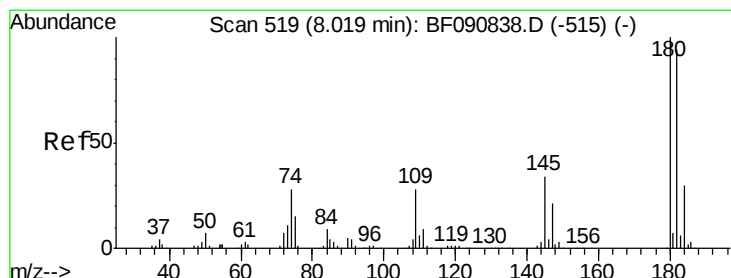
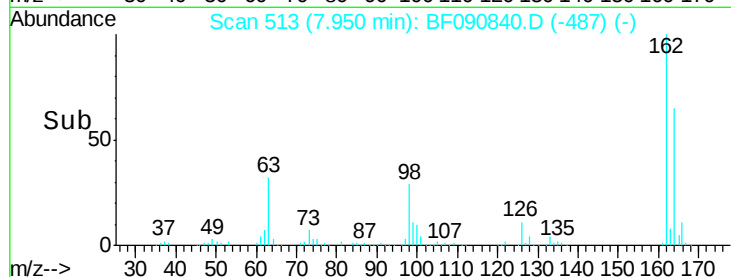
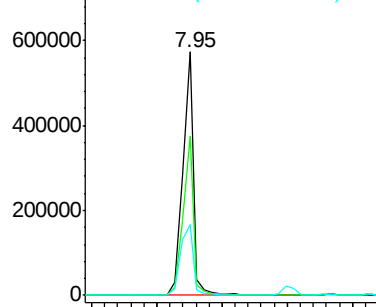
#29
 2,4-Dichlorophenol
 Concen: 66.27 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	29.3	13.0	53.0

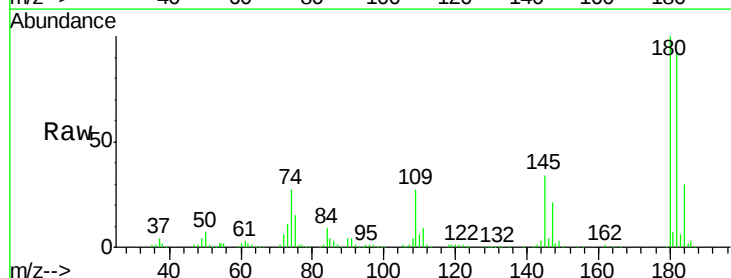


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

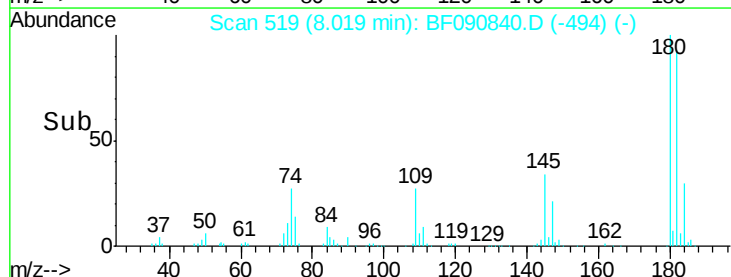
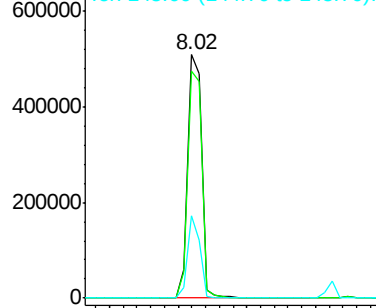


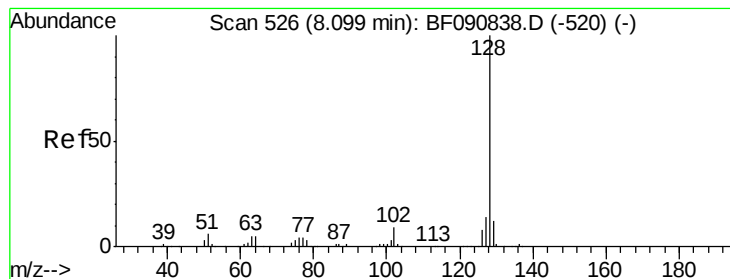
#30
 1,2,4-Trichlorobenzene
 Concen: 62.28 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.1	115.7
145	33.8	23.3	34.9



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: 52.41 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

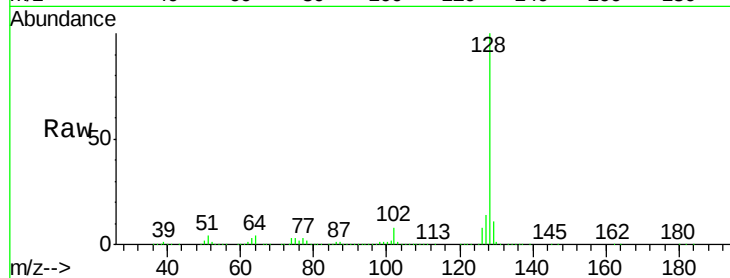
Tot Ion:128 Resp: 2194063

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

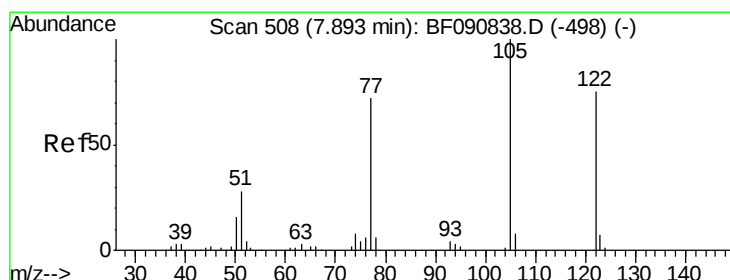
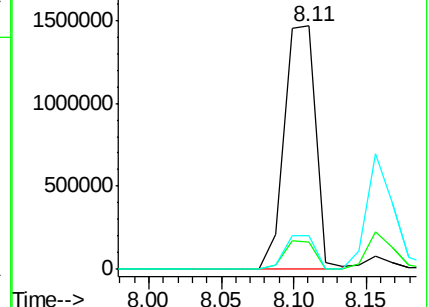
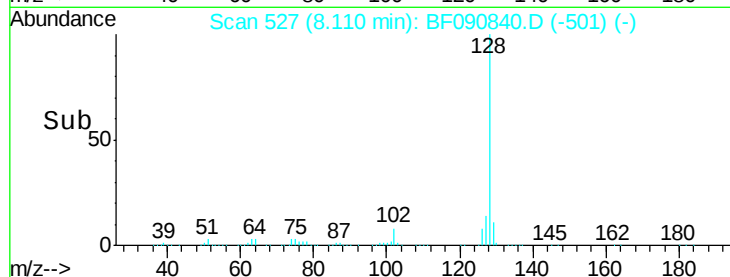
127 13.7 9.9 14.9



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: 68.37 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

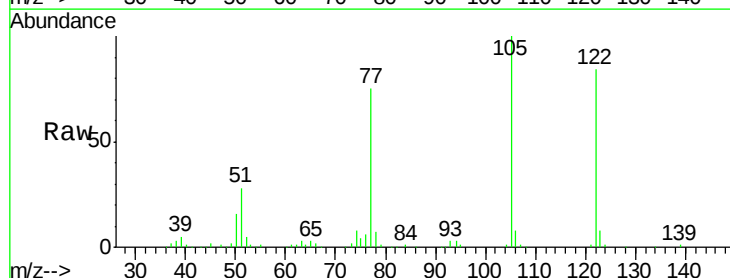
Tgt Ion:122 Resp: 532850

Ion Ratio Lower Upper

122 100

105 119.6 76.1 116.1#

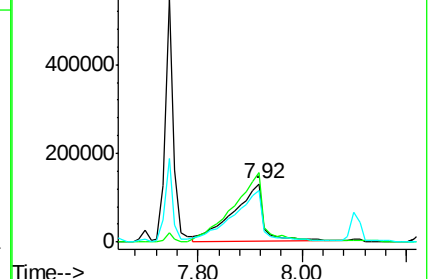
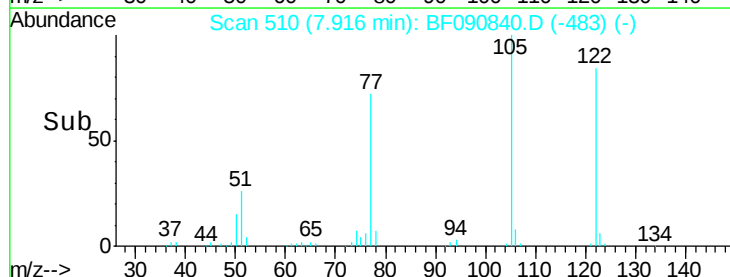
77 89.5 40.5 80.5#

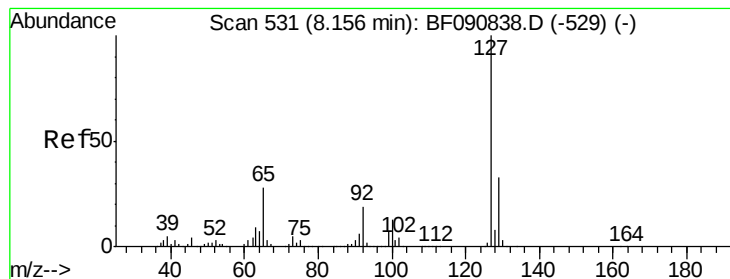


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 61.77 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 958871

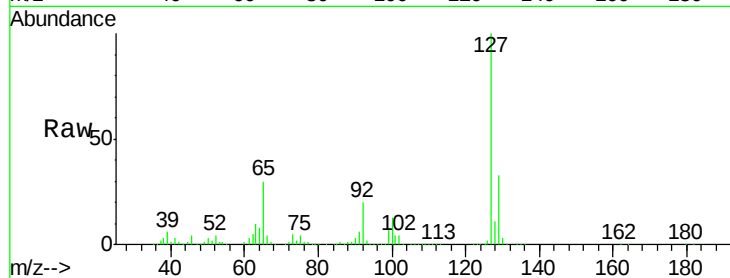
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.6

65 29.7 17.9 26.9#

92 20.4 10.5 15.7#

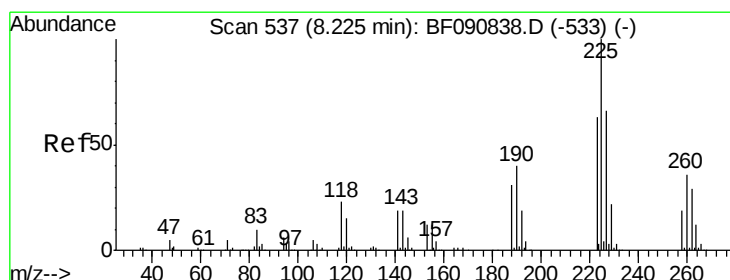
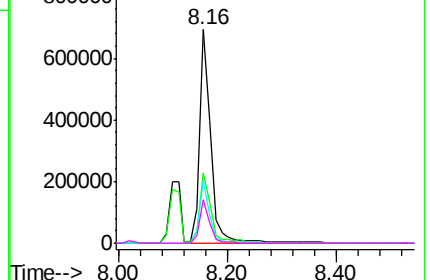
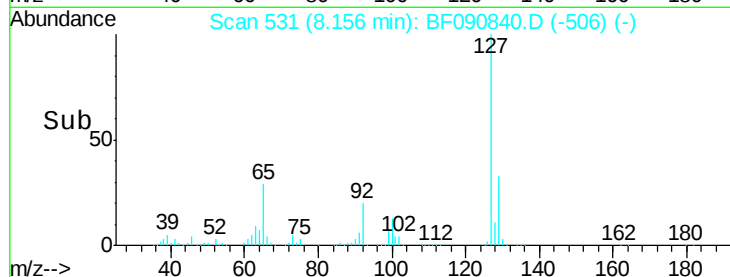


Abundance Ion 127.00 (126.70 to 127.70): E

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: 68.40 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

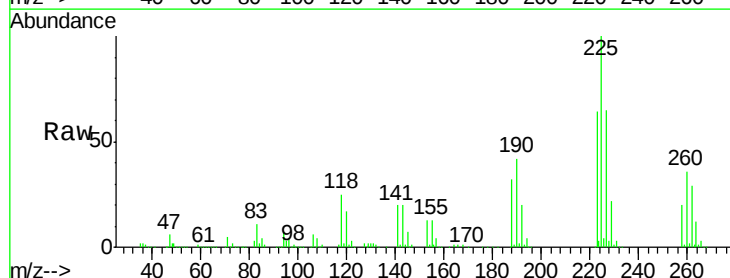
Tgt Ion:225 Resp: 455099

Ion Ratio Lower Upper

225 100

223 63.8 50.2 75.2

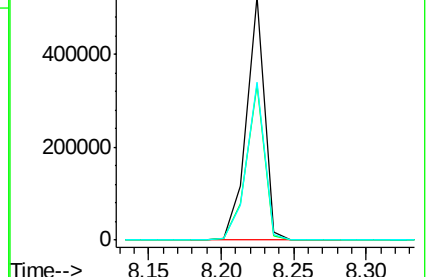
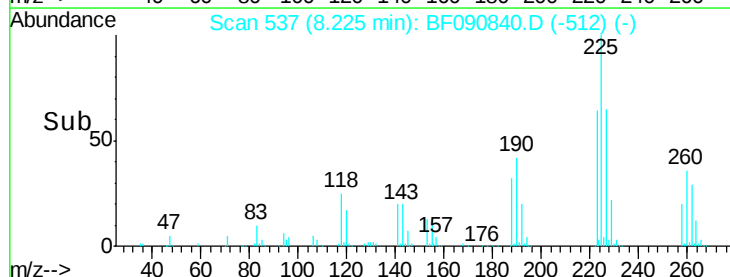
227 64.7 52.2 78.2

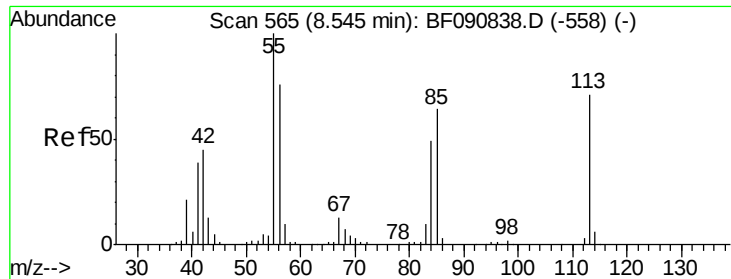


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 63.26 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

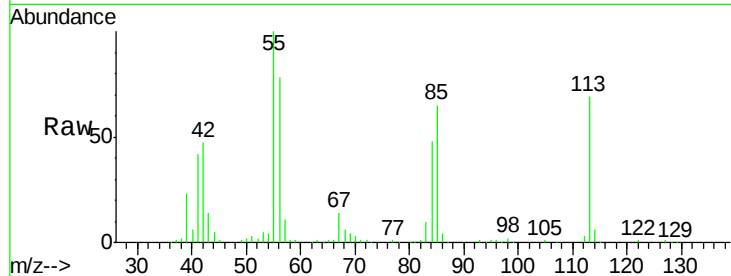
Tot Ion:113 Resp: 181667

Ion Ratio Lower Upper

113 100

55 144.9 152.4 192.4#

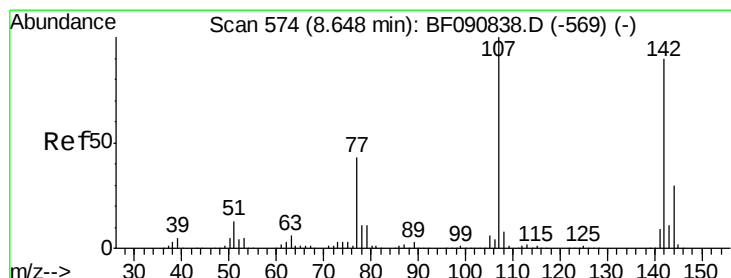
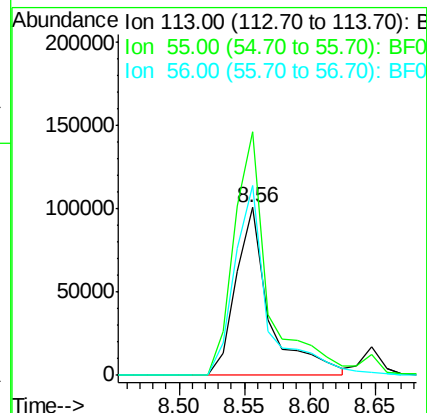
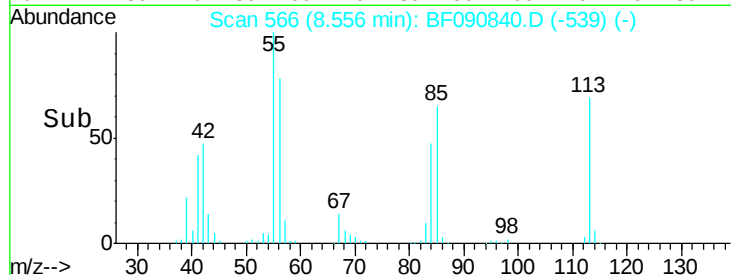
56 113.2 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 53.74 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

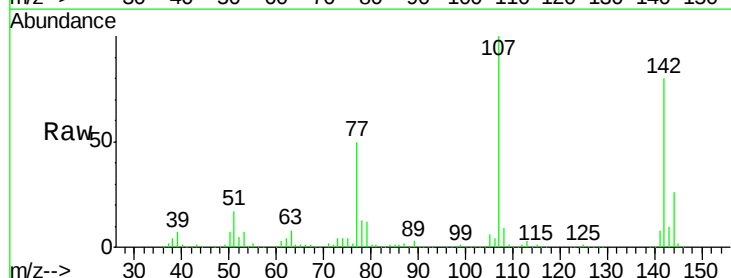
Tgt Ion:107 Resp: 628480

Ion Ratio Lower Upper

107 100

144 26.1 25.4 38.0

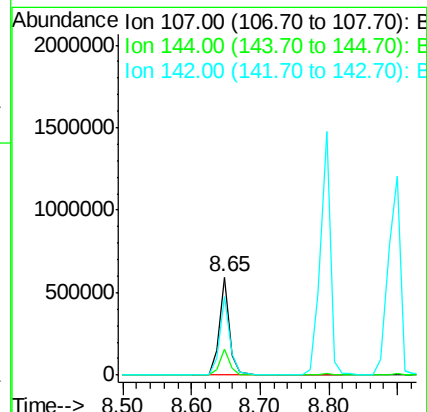
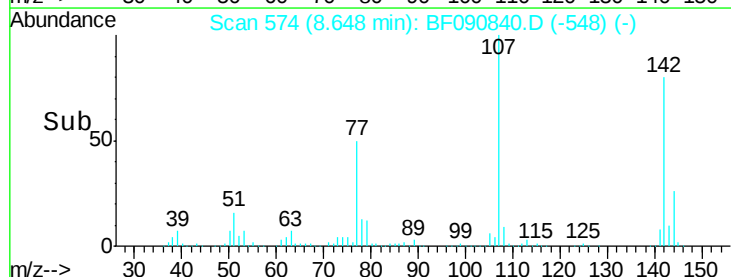
142 79.9 77.3 115.9

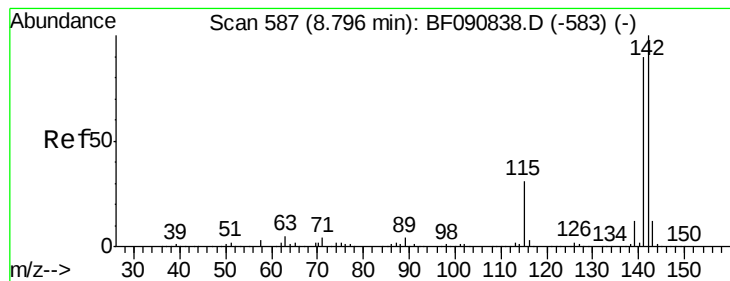


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 59.02 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

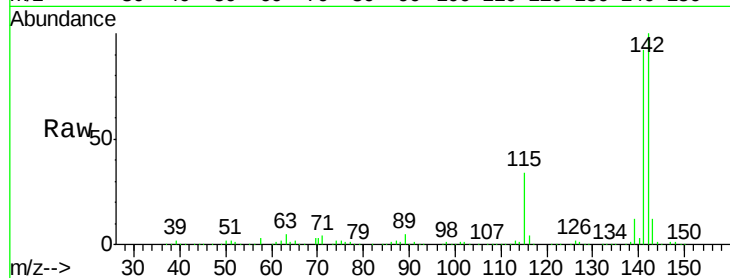
Tot Ion:142 Resp: 1443868

Ion Ratio Lower Upper

142 100

141 91.6 67.5 101.3

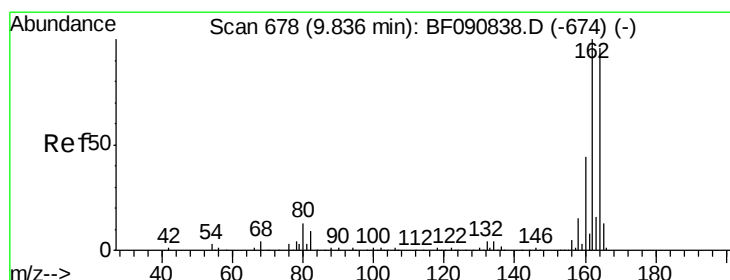
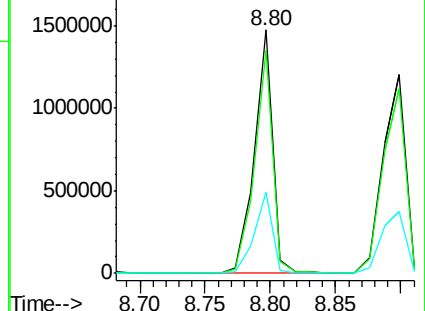
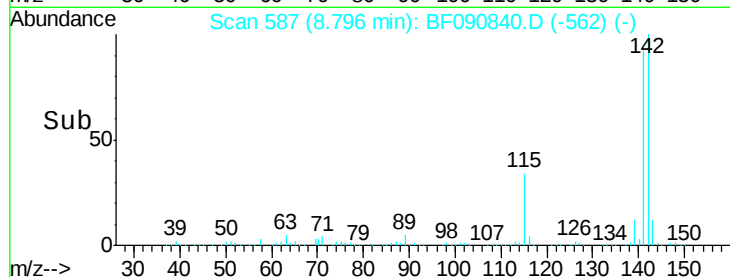
115 33.5 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

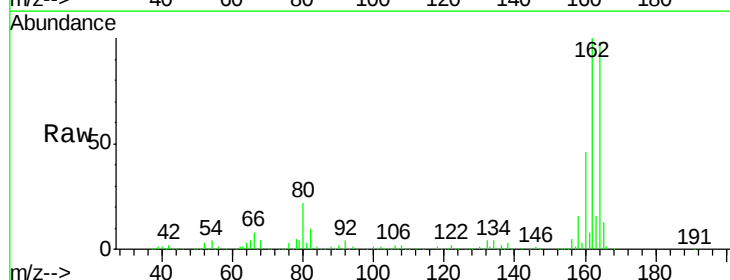
Tgt Ion:164 Resp: 476842

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

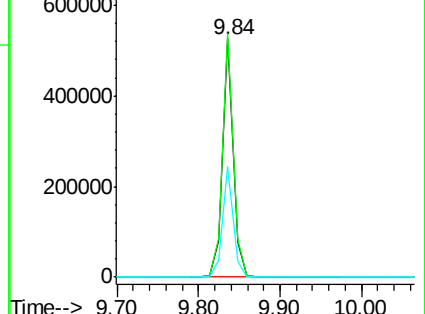
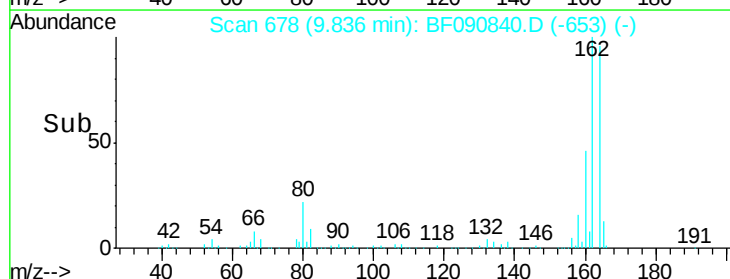
160 46.6 31.5 47.3

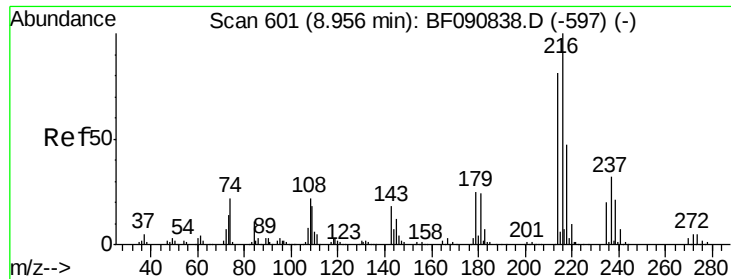


Abundance Ion 164.00 (163.70 to 164.70): E

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: 61.40 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF090840.D

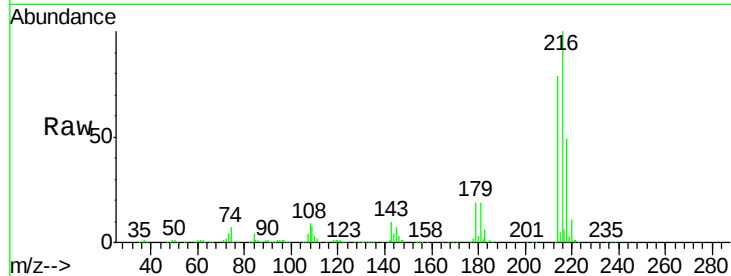
Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	790618
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.5	95.3
179	20.7	16.6	24.8
108	14.5	16.3	24.5#

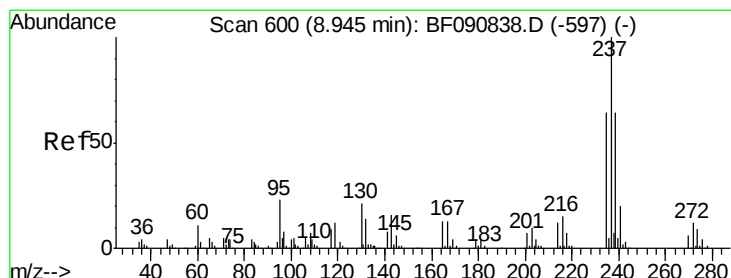
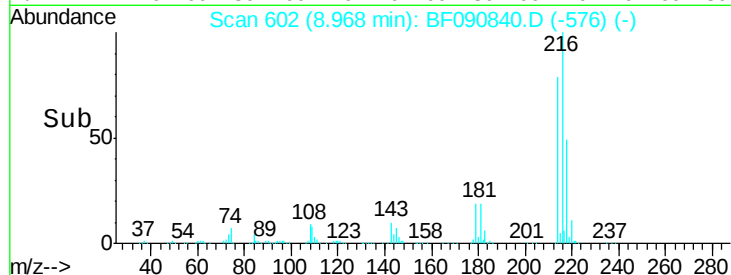
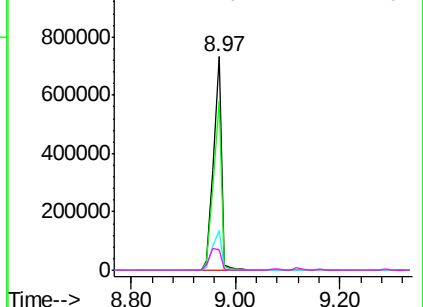


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.96 ng

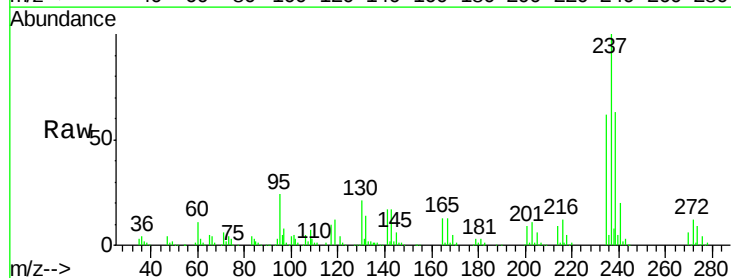
RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

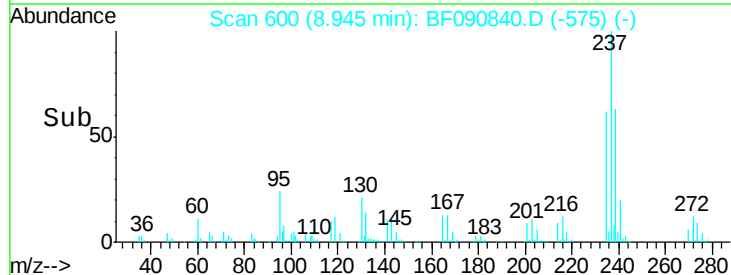
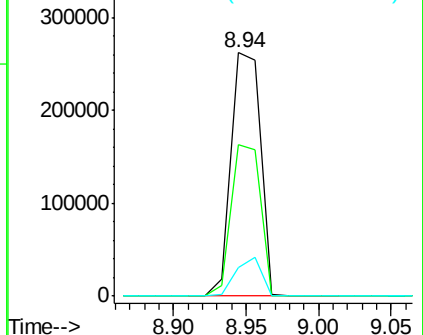
Tgt Ion:	237	Resp:	368460
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.0	82.0
272	11.6	0.0	36.1

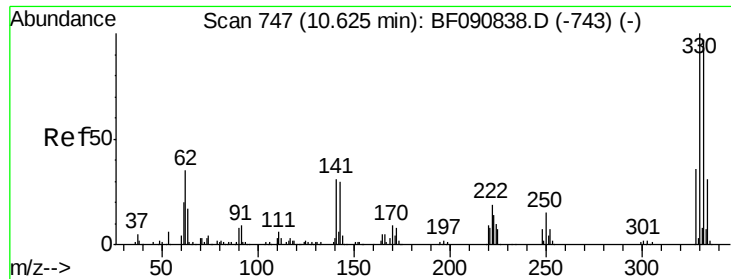


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

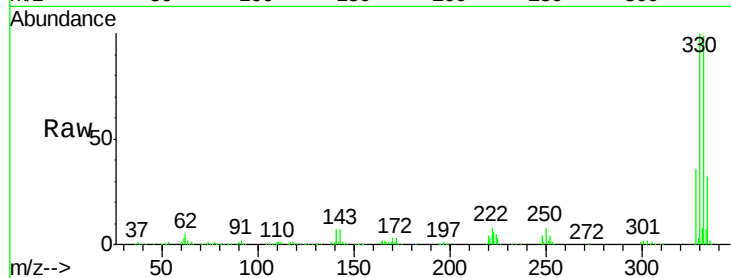




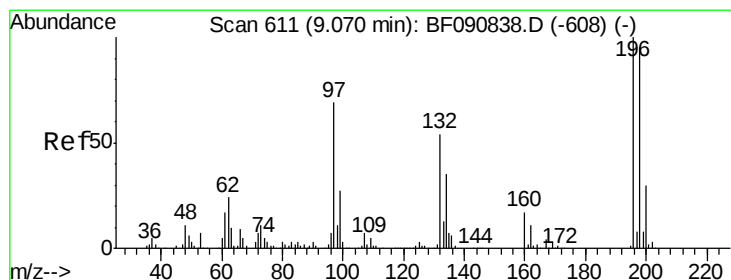
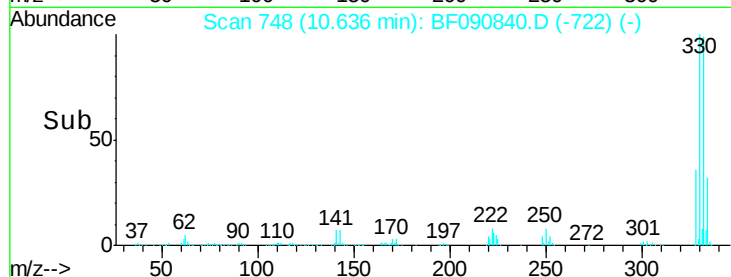
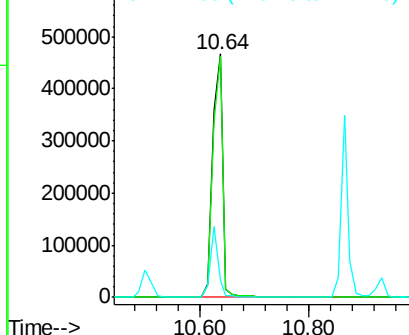
#41
 2,4,6-Tribromophenol
 Concen: 163.12 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 615642
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 21.9 29.7 44.5#

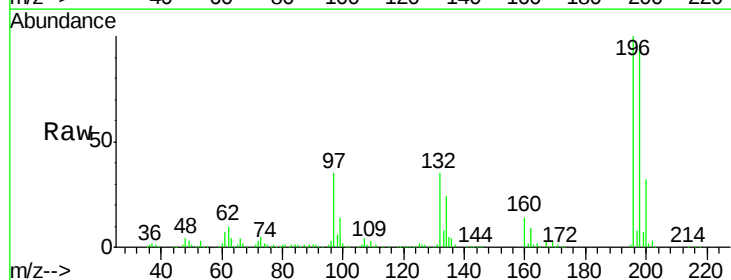


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

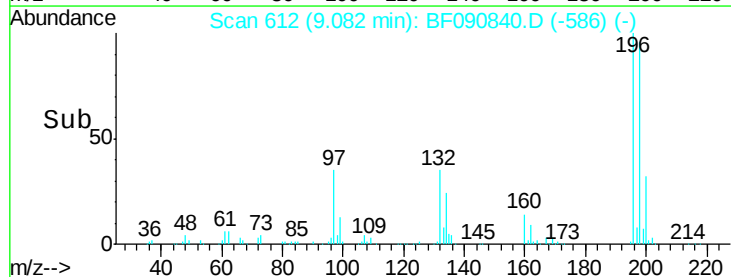
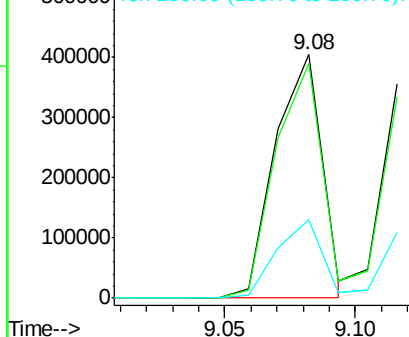


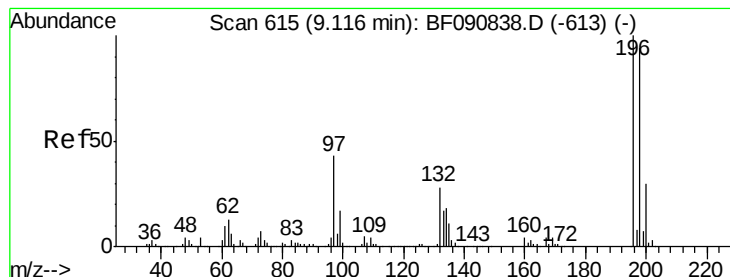
#42
 2,4,6-Trichlorophenol
 Concen: 62.84 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion:196 Resp: 501740
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 32.0 23.9 35.9



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

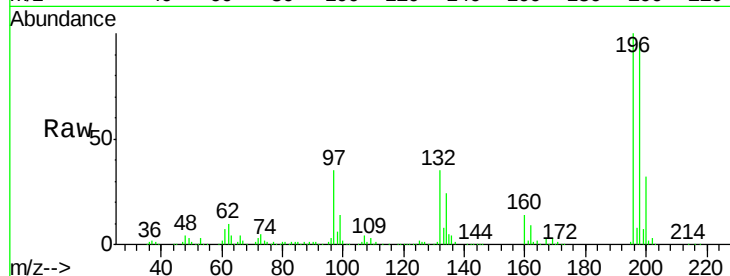




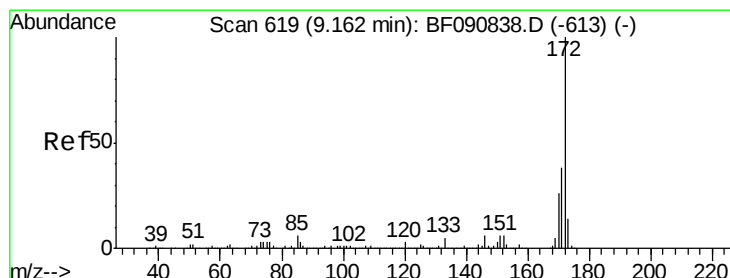
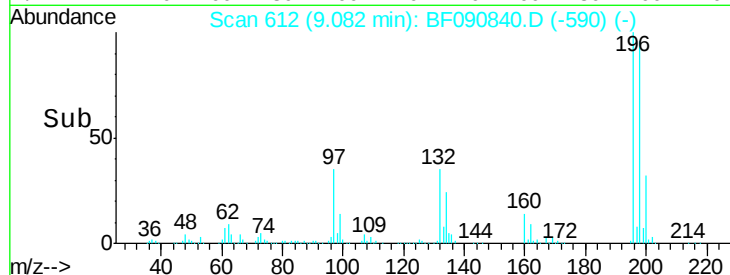
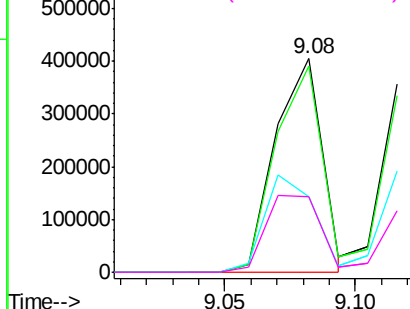
#43
 2,4,5-Trichlorophenol
 Concen: 61.92 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 501740
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.4 113.0
 97 35.2 33.3 49.9
 132 35.4 24.6 37.0

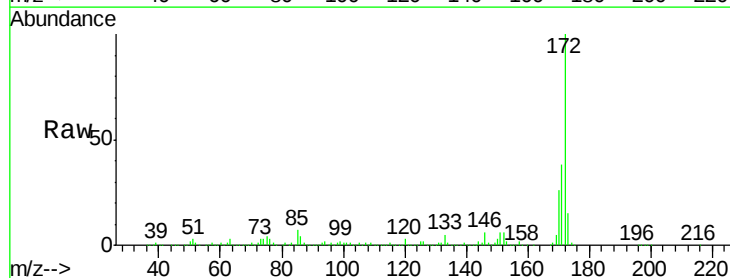


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

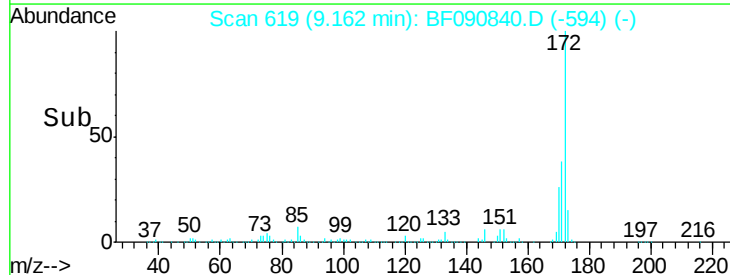
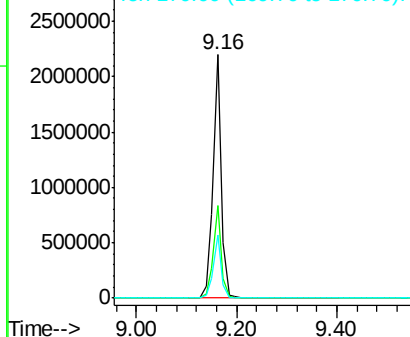


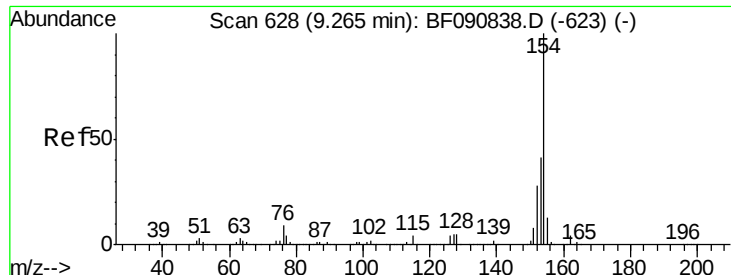
#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion:172 Resp: 2510166
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 25.9 17.4 26.2



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

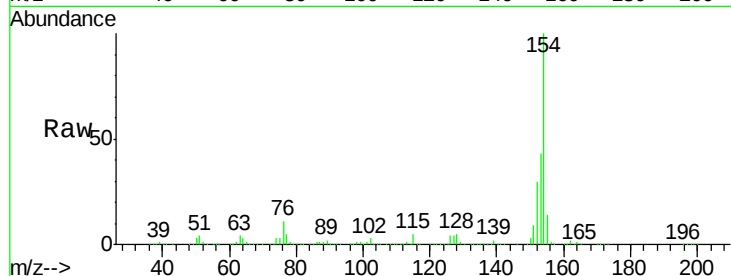




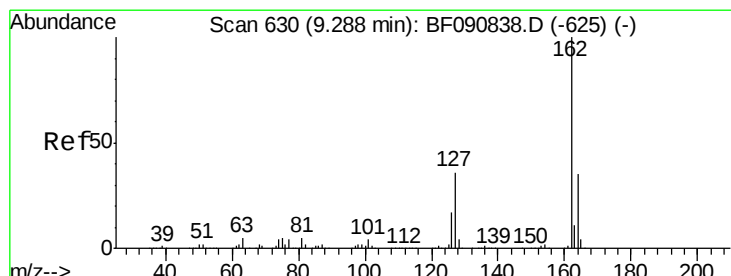
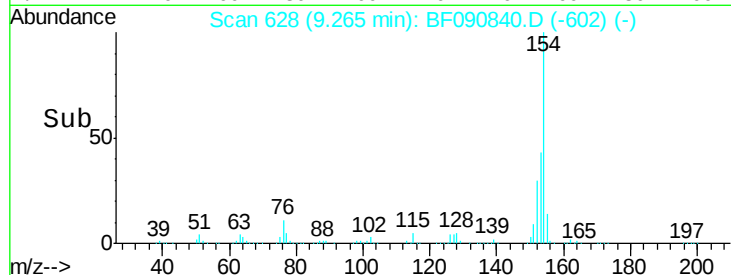
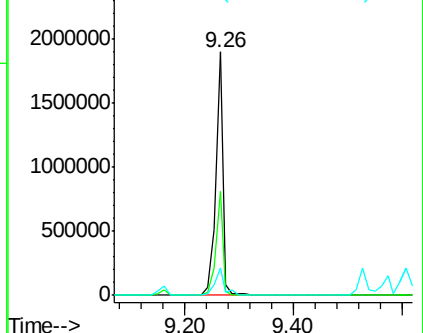
#45
 1,1'-Biphenyl
 Concen: 48.06 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1799626
 Ion Ratio Lower Upper
 154 100
 153 42.8 17.1 57.1
 76 11.4 0.0 31.6

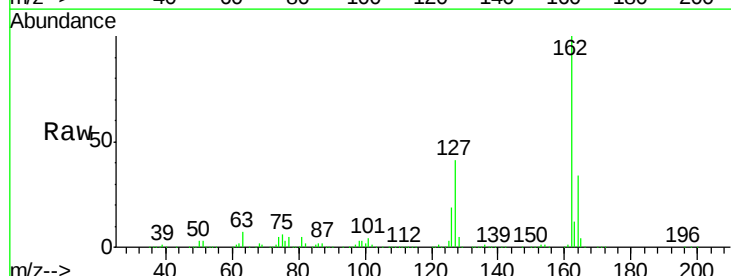


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

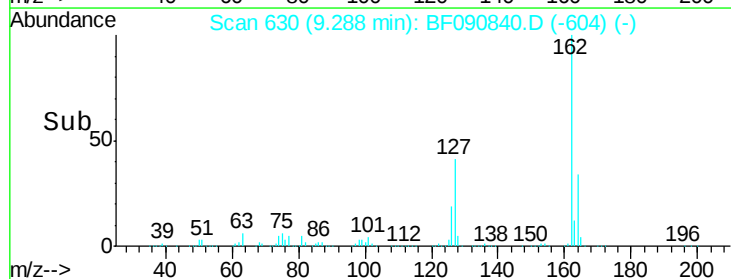
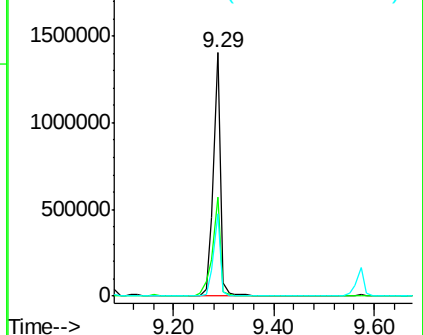


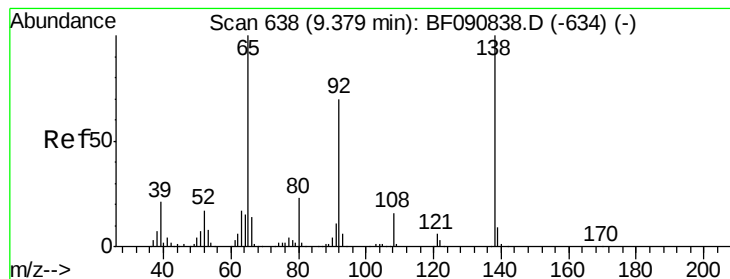
#46
 2-Chloronaphthalene
 Concen: 50.58 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion:162 Resp: 1407748
 Ion Ratio Lower Upper
 162 100
 127 40.5 27.6 41.4
 164 34.1 25.4 38.2



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: 42.01 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

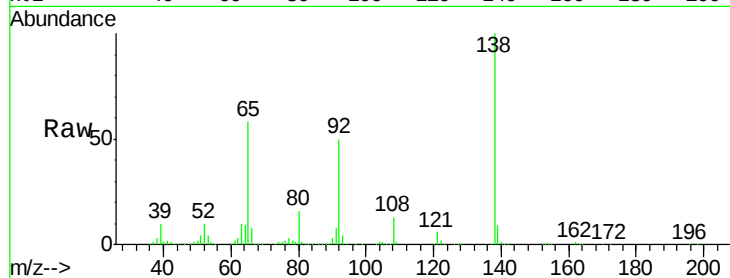
Tot Ion: 65 Resp: 388138

Ion Ratio Lower Upper

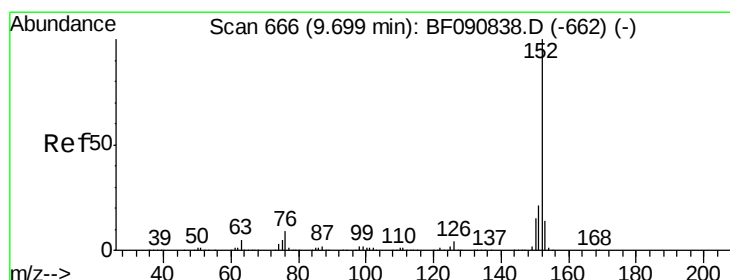
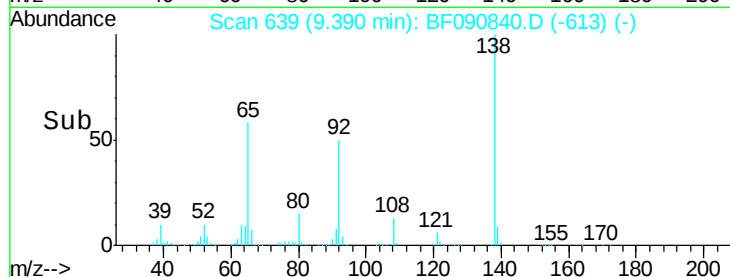
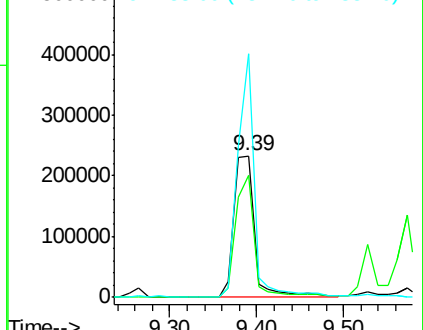
65 100

92 85.9 55.4 83.0#

138 172.1 115.5 173.3



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): BF0



#48

Acenaphthylene

Concen: 48.14 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

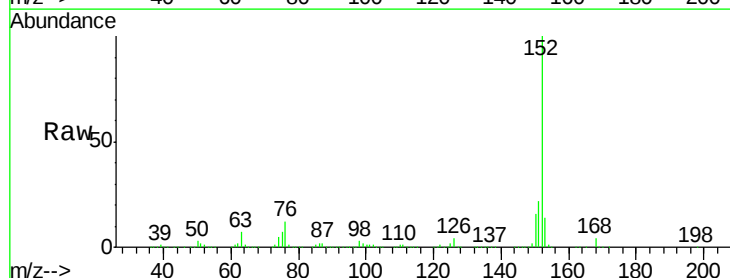
Tgt Ion:152 Resp: 2044516

Ion Ratio Lower Upper

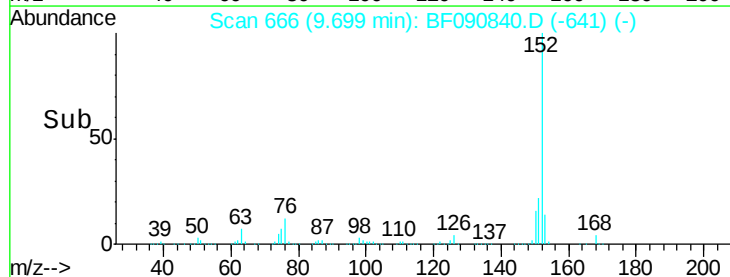
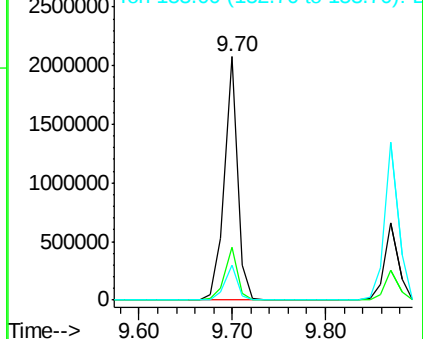
152 100

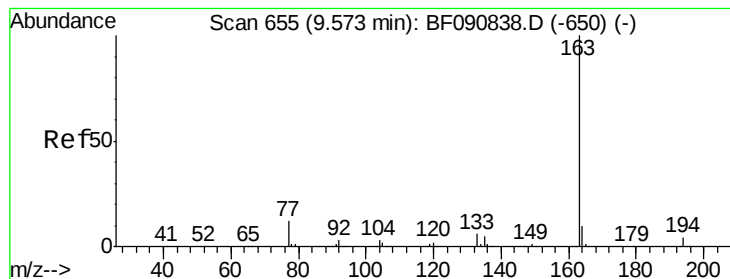
151 21.7 14.6 22.0

153 14.3 10.3 15.5



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





#49

Dimethylphthalate

Concen: 55.70 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

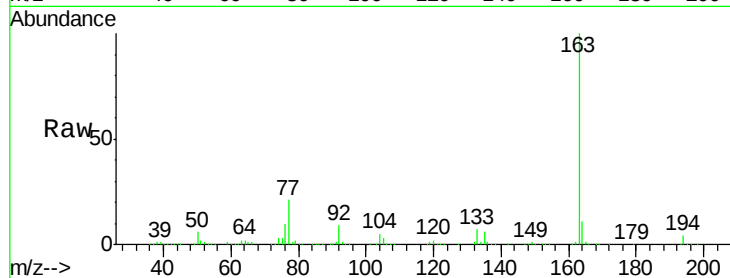
Tot Ion:163 Resp: 1669015

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

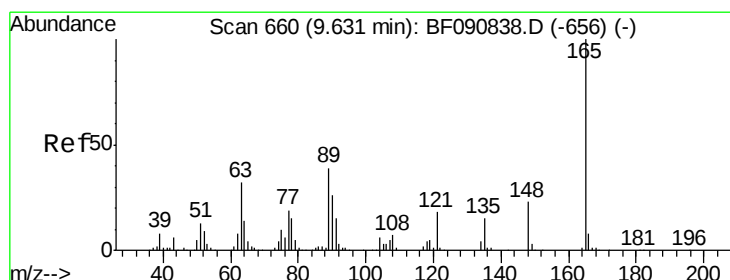
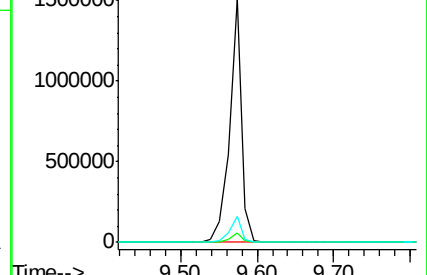
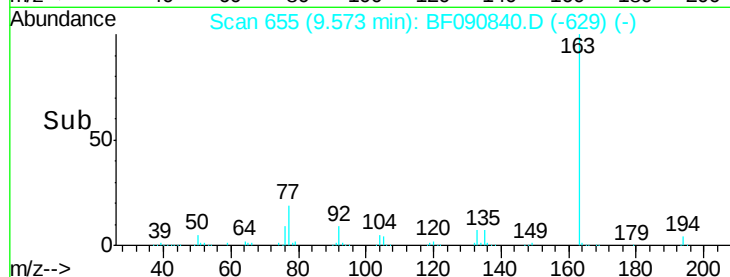
164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 55.98 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

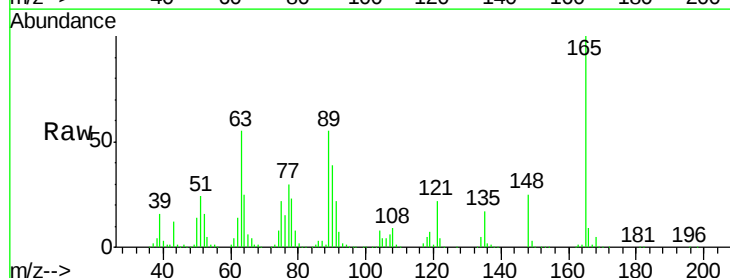
Tgt Ion:165 Resp: 360682

Ion Ratio Lower Upper

165 100

63 55.1 32.3 48.5#

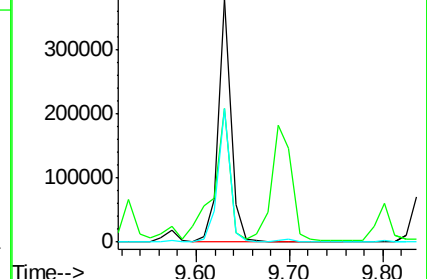
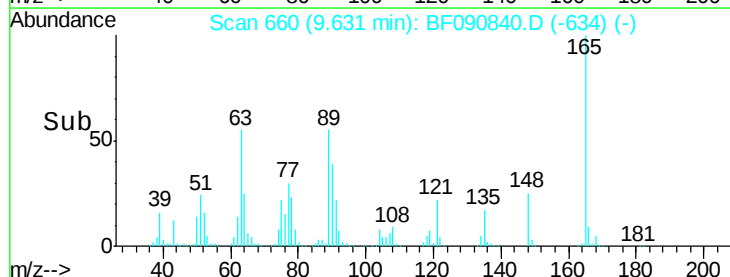
89 55.0 28.6 43.0#

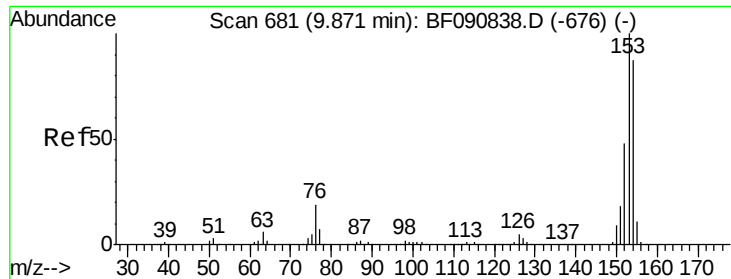


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

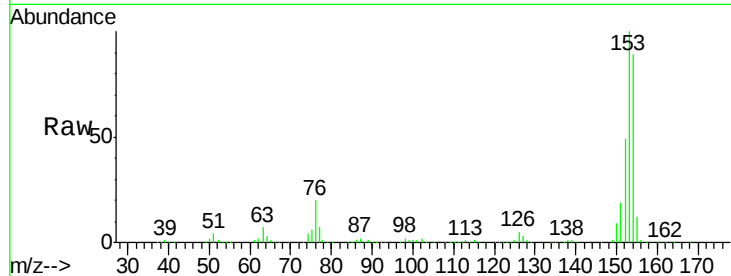




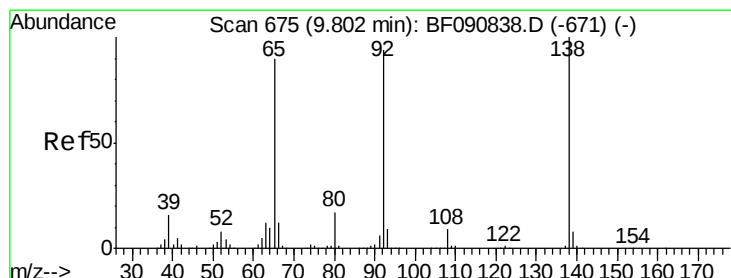
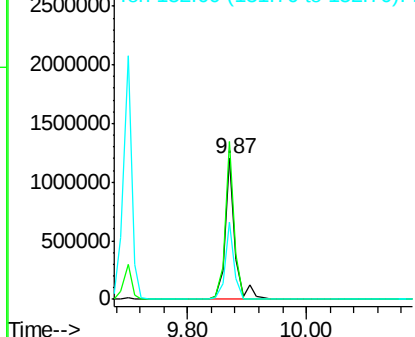
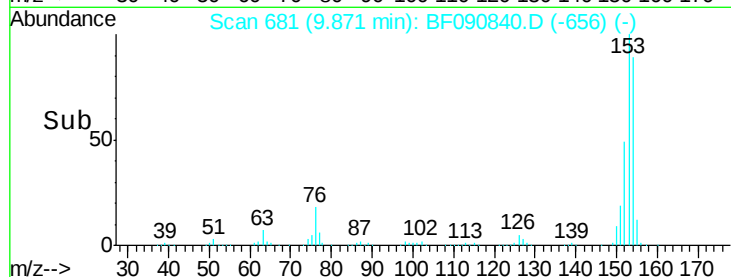
#51
Acenaphthene
Concen: 49.01 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1381761
Ion Ratio Lower Upper
154 100
153 112.3 82.1 123.1
152 54.7 37.9 56.9

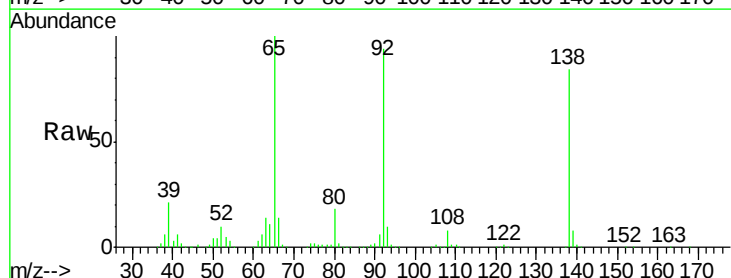


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

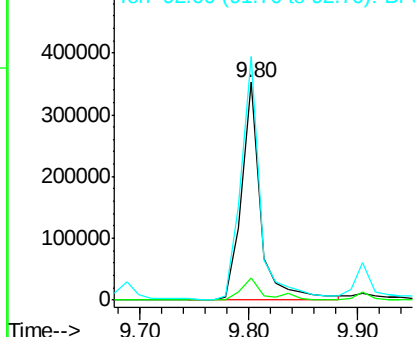
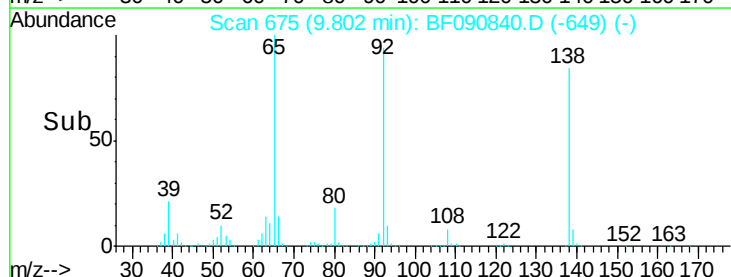


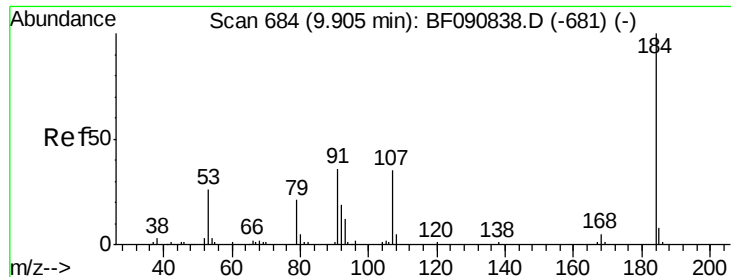
#52
3-Nitroaniline
Concen: 56.93 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion:138 Resp: 421672
Ion Ratio Lower Upper
138 100
108 10.0 5.7 8.5#
92 111.7 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

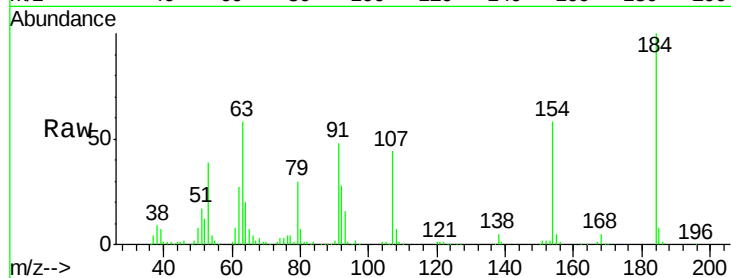




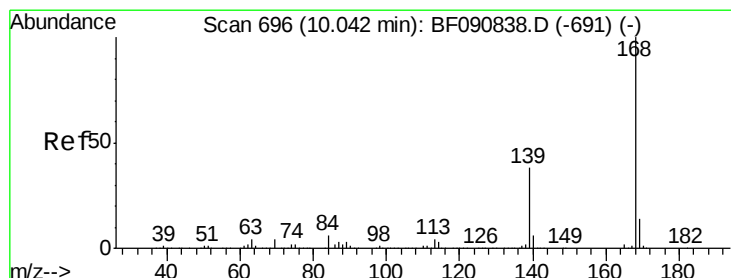
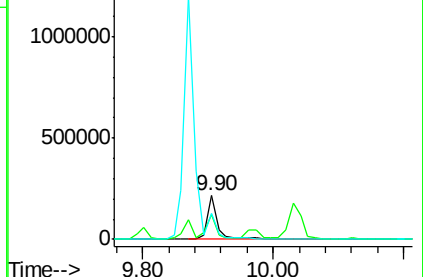
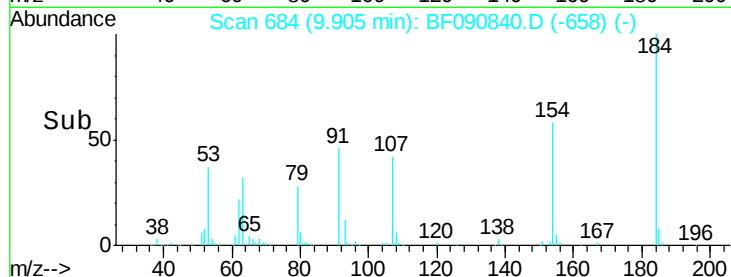
#53
2,4-Dinitrophenol
Concen: 84.85 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 234242
Ion Ratio Lower Upper
184 100
63 58.1 35.4 53.2#
154 58.2 32.2 48.4#

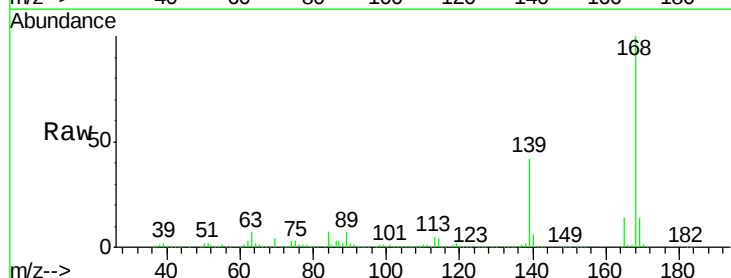


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

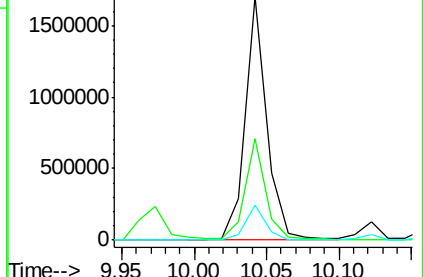
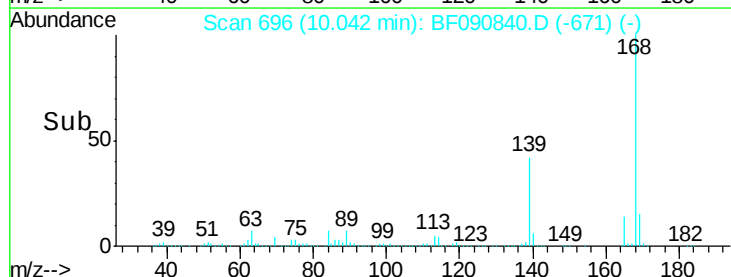


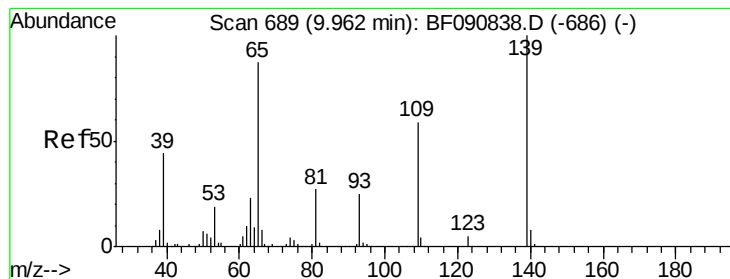
#54
Dibenzofuran
Concen: 51.26 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion:168 Resp: 1750707
Ion Ratio Lower Upper
168 100
139 41.9 24.2 36.2#
169 14.5 10.6 15.8



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





#55

4-Nitrophenol

Concen: 77.95 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

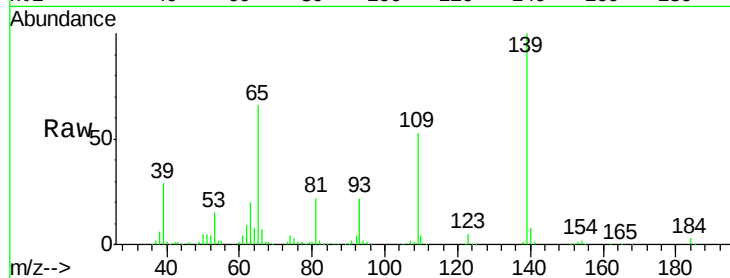
Tot Ion:139 Resp: 305396

Ion Ratio Lower Upper

139 100

109 52.9 12.7 52.7#

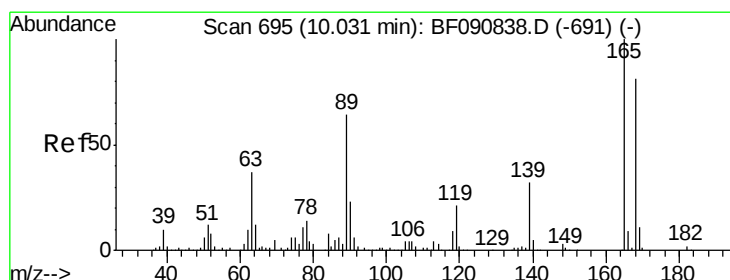
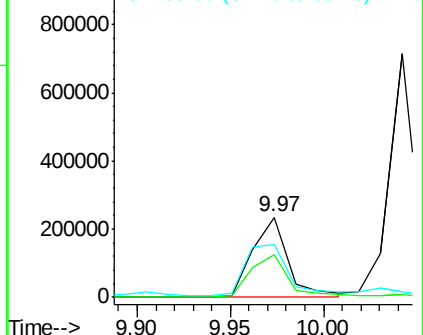
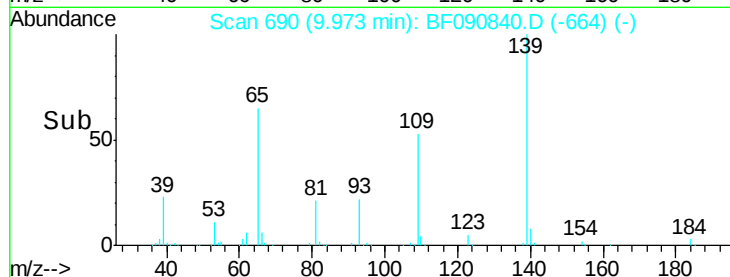
65 66.2 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 61.82 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Tgt Ion:165 Resp: 486867

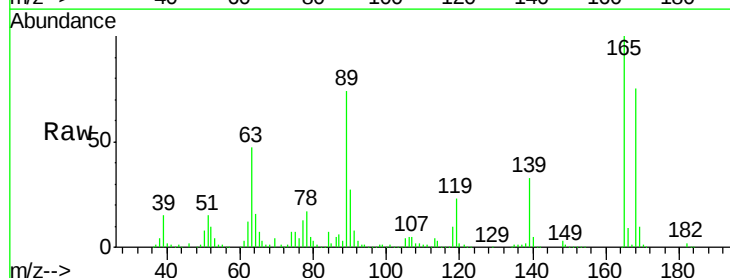
Ion Ratio Lower Upper

165 100

63 46.5 29.8 44.6#

89 74.4 44.5 66.7#

182 2.2 3.0 4.4#

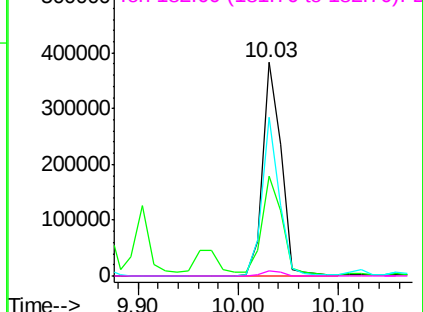
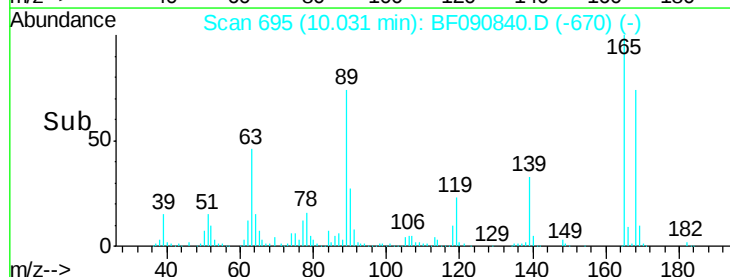


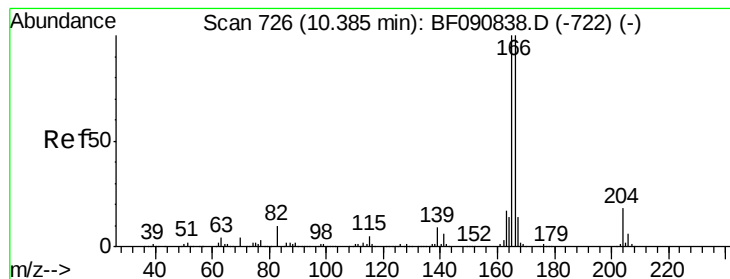
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.71 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

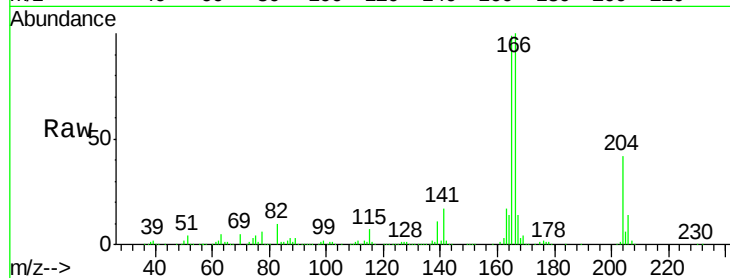
Tot Ion:166 Resp: 1321920

Ion Ratio Lower Upper

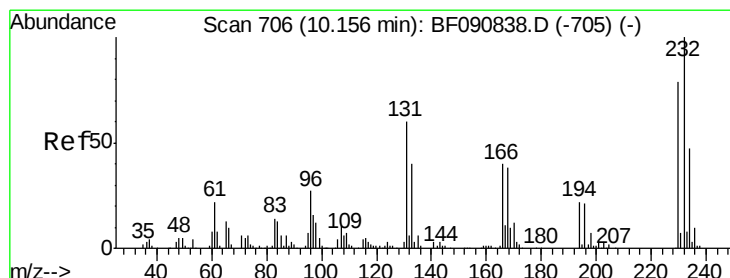
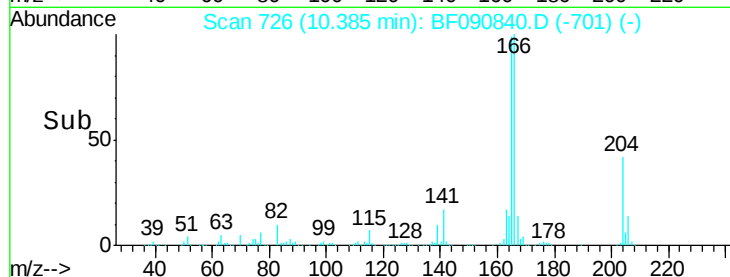
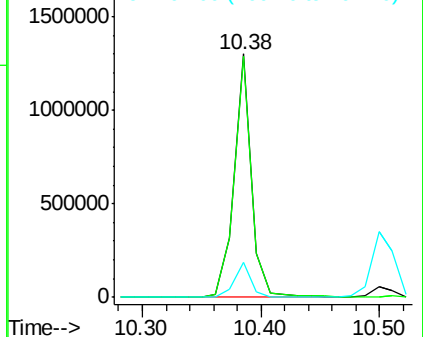
166 100

165 98.8 72.6 109.0

167 14.2 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 73.55 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Tgt Ion:232 Resp: 467728

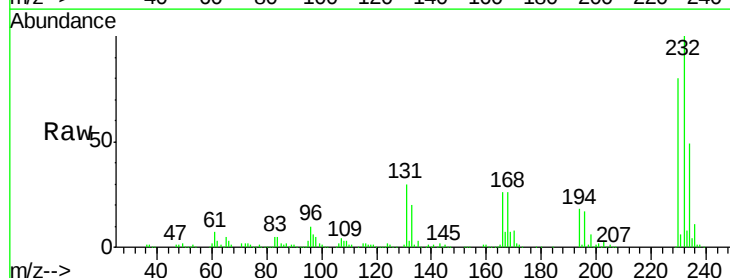
Ion Ratio Lower Upper

232 100

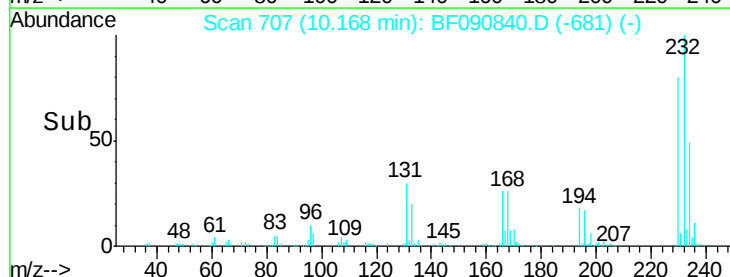
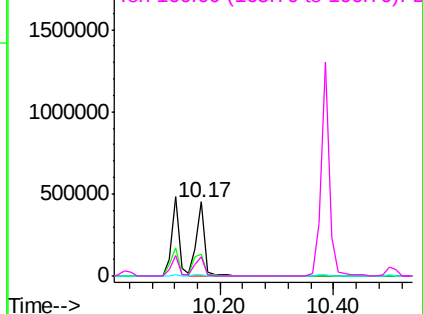
131 39.5 38.5 57.7

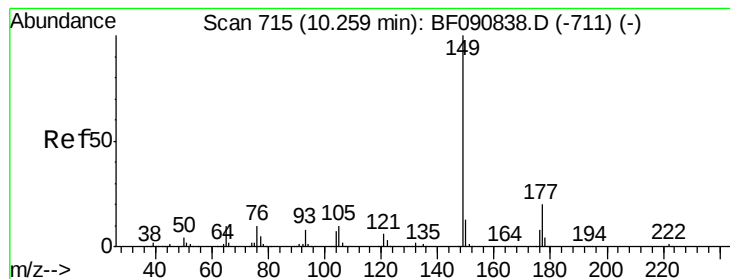
130 1.8 1.8 2.6

166 28.9 25.0 37.6



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: 55.52 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

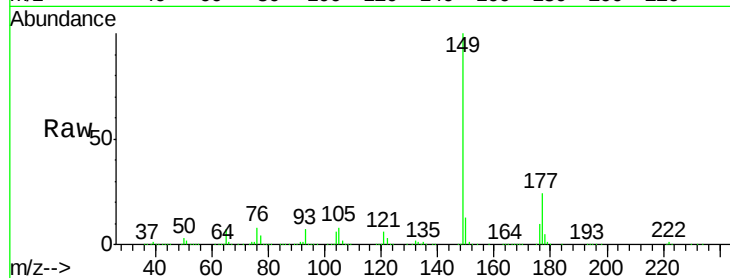
Tot Ion:149 Resp: 1725300

Ion Ratio Lower Upper

149 100

177 23.9 17.5 26.3

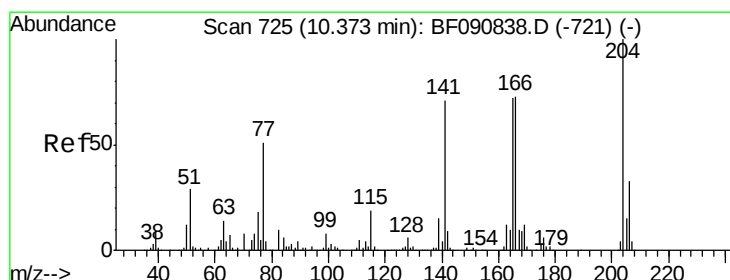
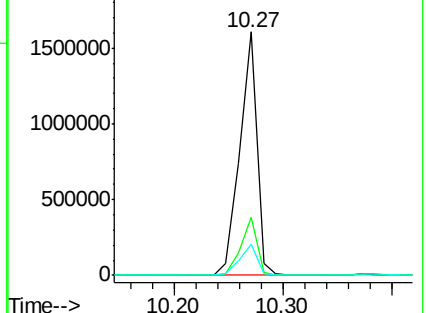
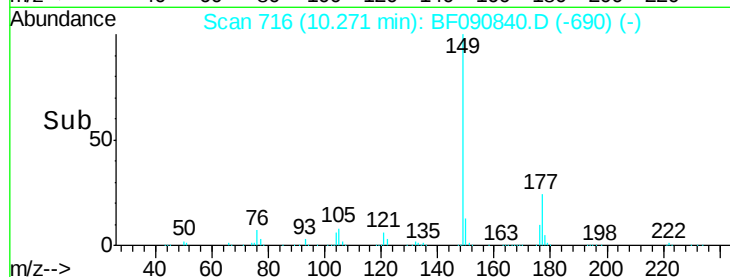
150 12.9 9.4 14.2



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: 57.12 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

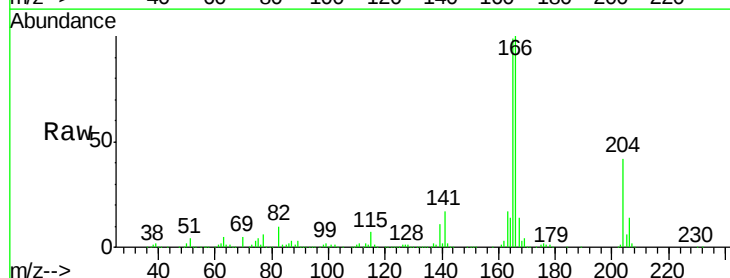
Tgt Ion:204 Resp: 738771

Ion Ratio Lower Upper

204 100

206 34.3 24.8 37.2

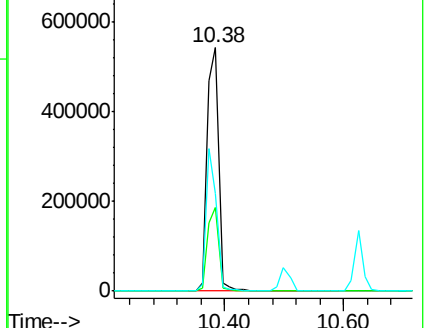
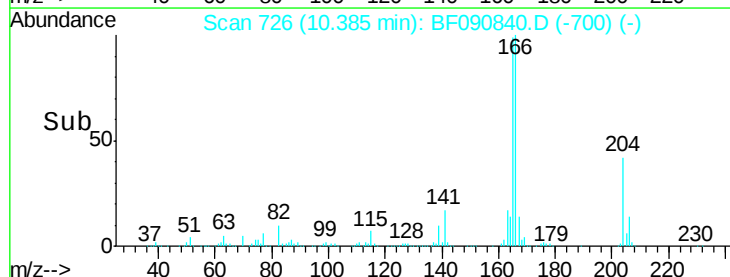
141 40.1 42.2 63.4#

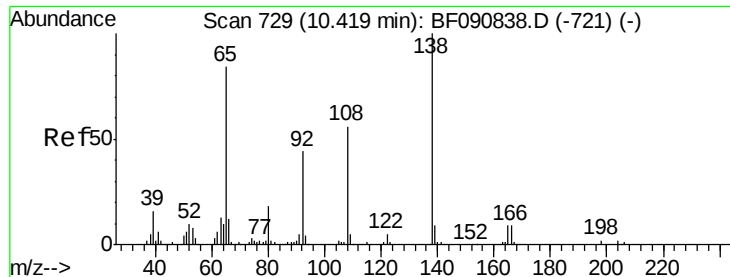


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

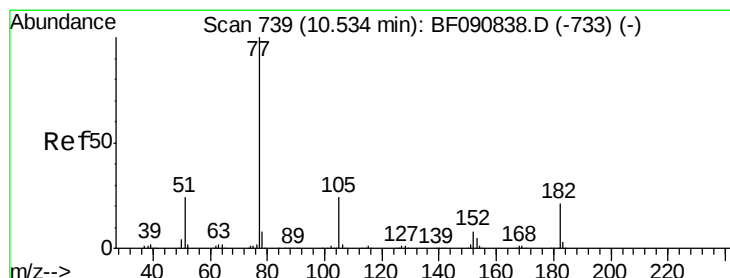
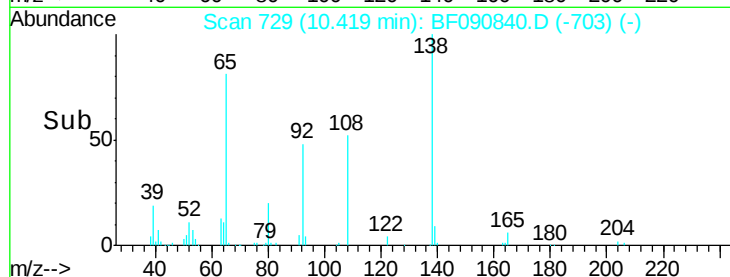
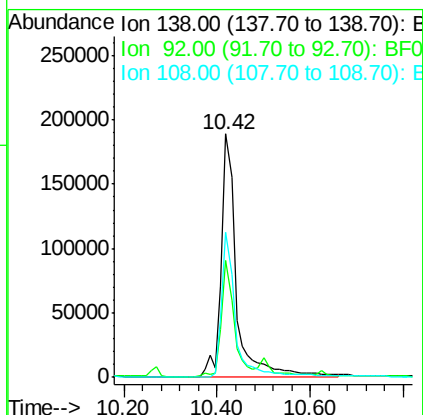
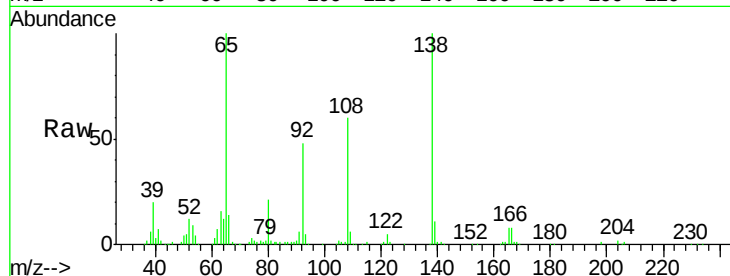




#61
4-Nitroaniline
Concen: 56.31 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

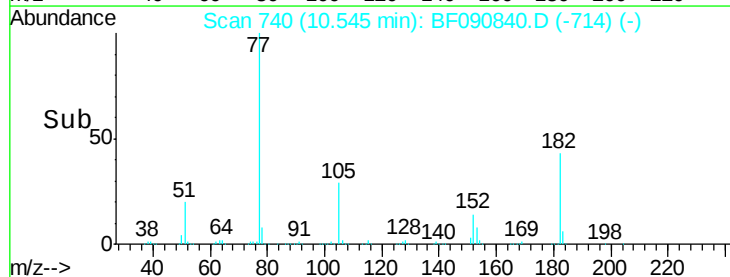
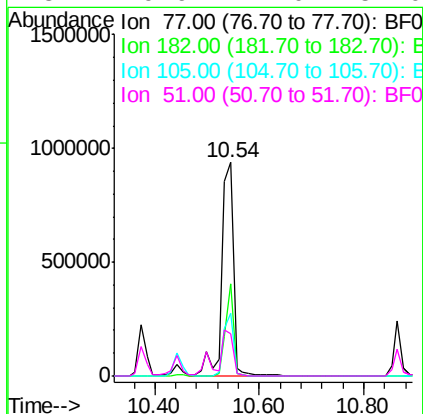
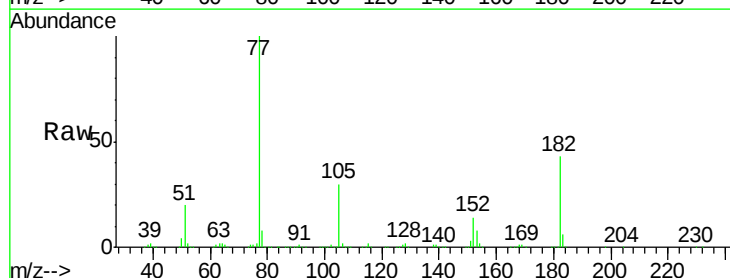
Instrument :
BNA_F
ClientSampleId :

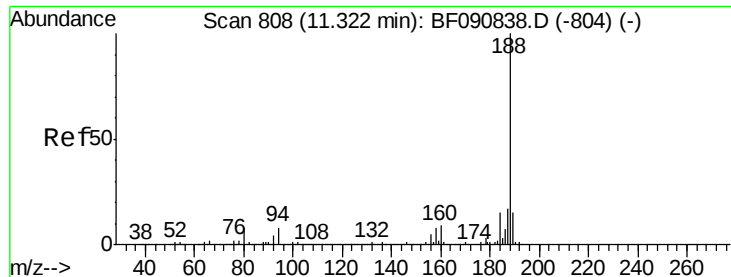
Tot Ion:138 Resp: 422435
Ion Ratio Lower Upper
138 100
92 48.2 12.6 52.6
108 59.7 12.4 52.4#



#62
Azobenzene
Concen: 39.94 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion: 77 Resp: 1453425
Ion Ratio Lower Upper
77 100
182 43.2 15.1 55.1
105 29.7 3.4 43.4
51 19.9 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

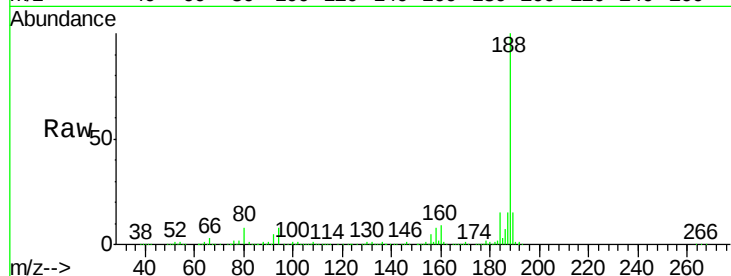
Tot Ion:188 Resp: 778285

Ion Ratio Lower Upper

188 100

94 8.1 11.1 16.7#

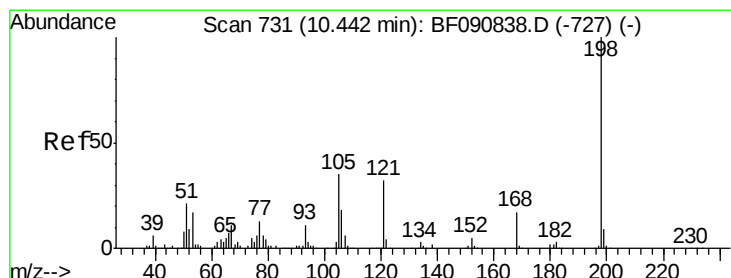
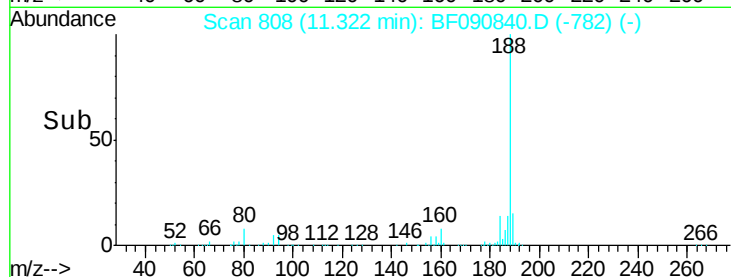
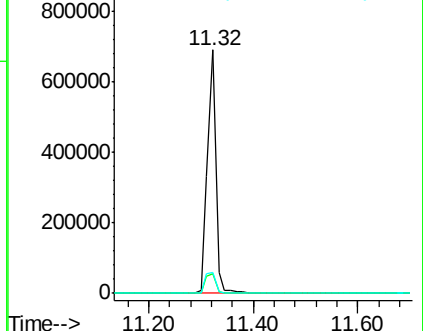
80 8.5 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 66.30 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

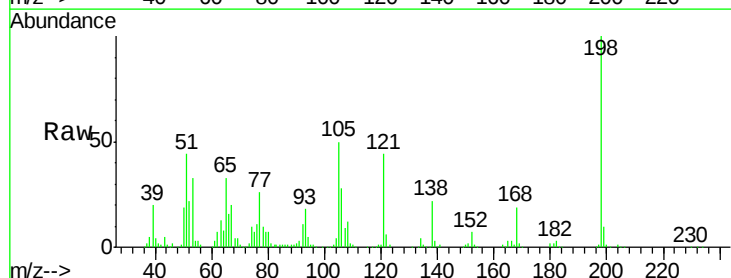
Tgt Ion:198 Resp: 306786

Ion Ratio Lower Upper

198 100

51 44.1 39.6 79.6

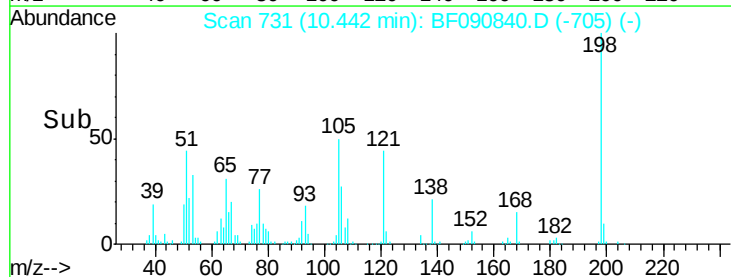
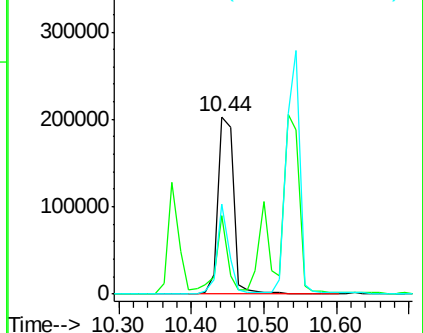
105 50.4 28.5 68.5

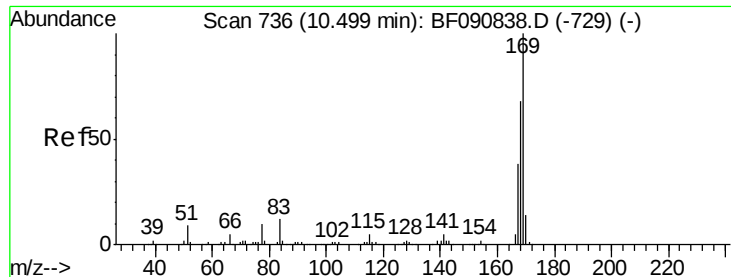


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.48 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

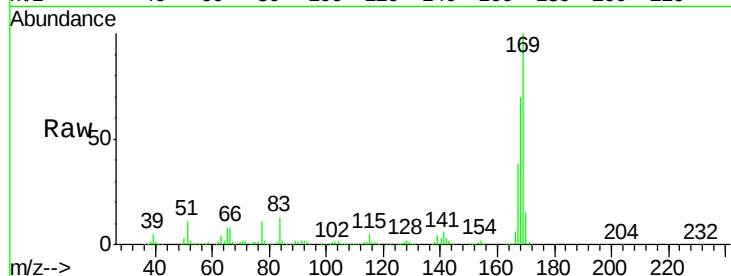
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1258694

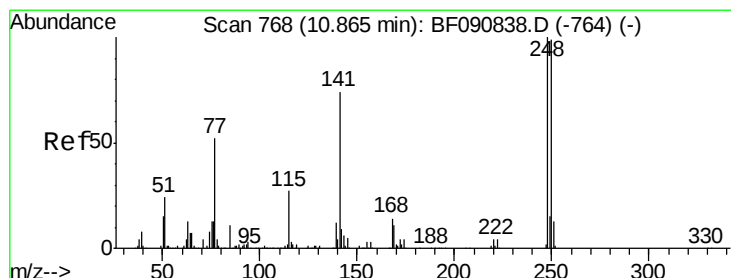
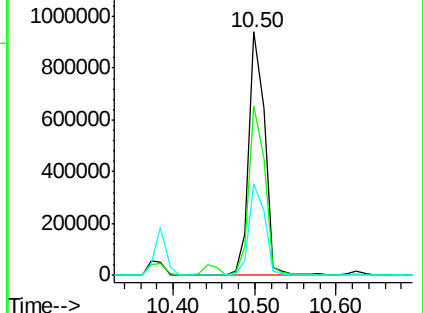
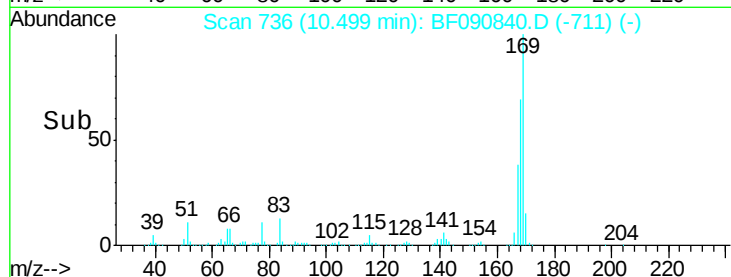
Ion	Ratio	Lower	Upper
169	100		
168	69.6	48.9	73.3
167	37.6	26.2	39.4



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: 63.85 ng

RT: 10.86 min Scan# 768

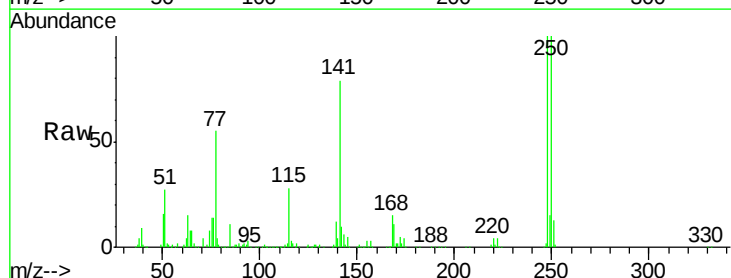
Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Tgt Ion:248 Resp: 481739

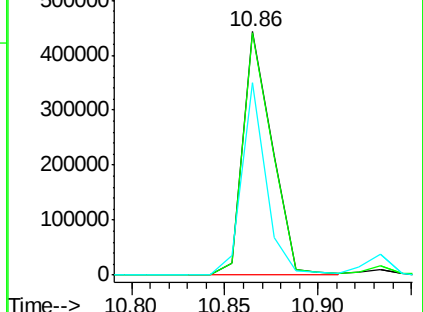
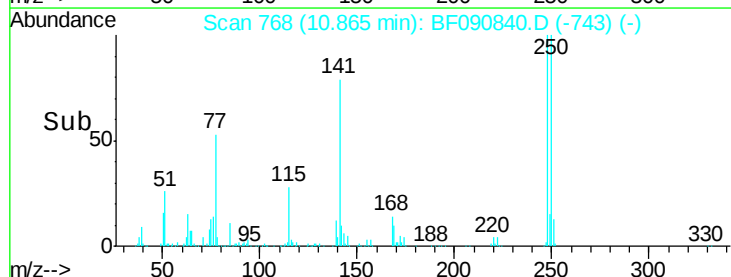
Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.5	117.7
141	78.8	59.0	88.6

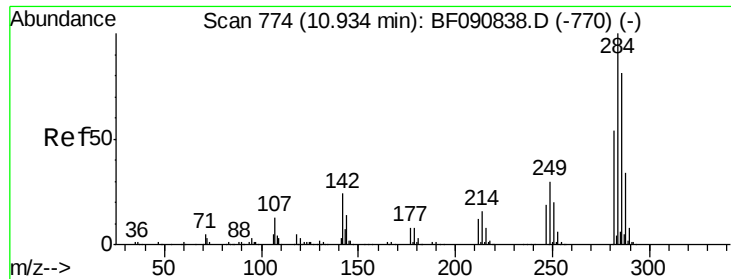


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 63.33 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

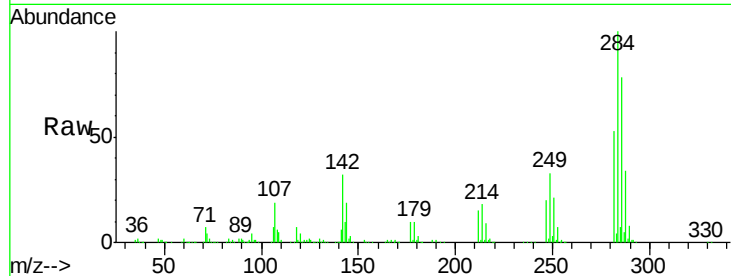
Tot Ion:284 Resp: 563846

Ion Ratio Lower Upper

284 100

142 32.2 29.5 44.3

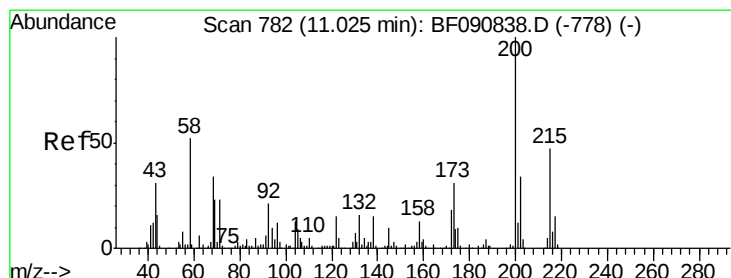
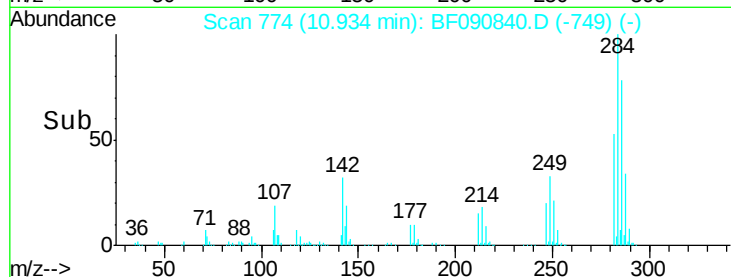
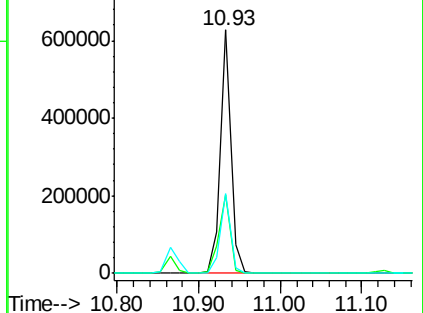
249 32.7 19.5 29.3#



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: 64.50 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

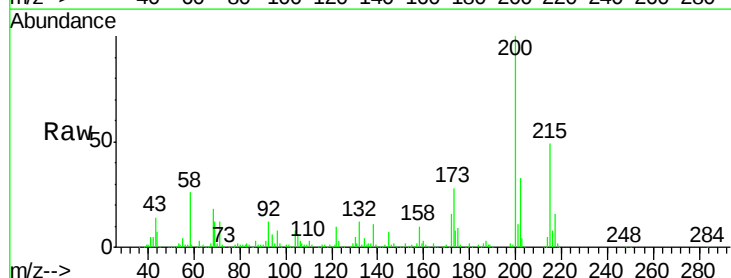
Tgt Ion:200 Resp: 443922

Ion Ratio Lower Upper

200 100

173 27.5 13.2 53.2

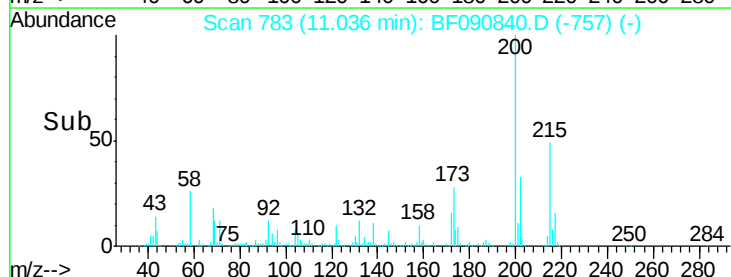
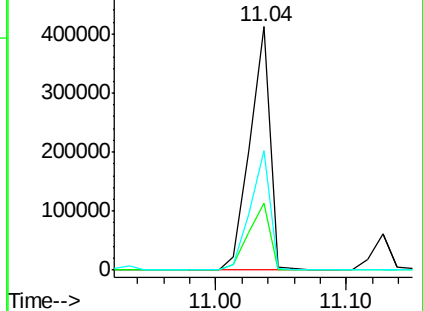
215 49.1 41.8 81.8

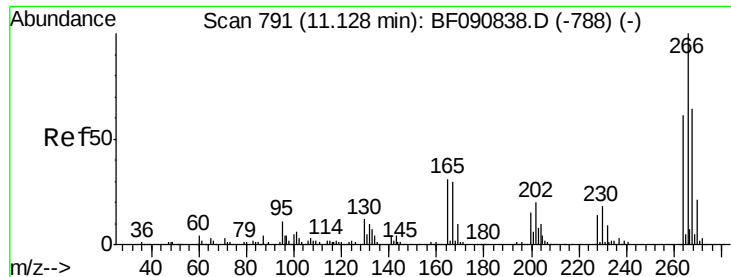


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

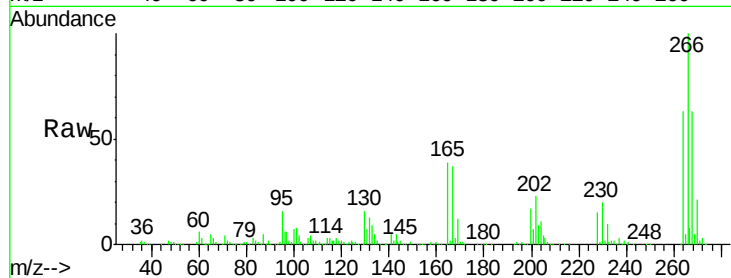




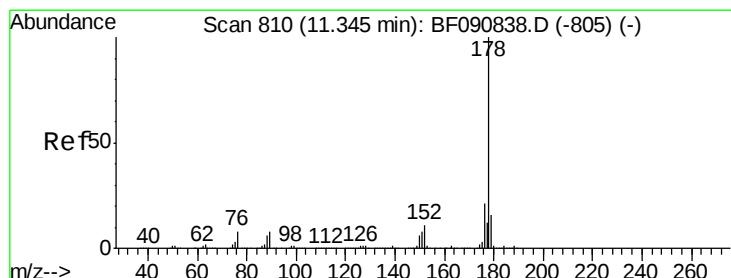
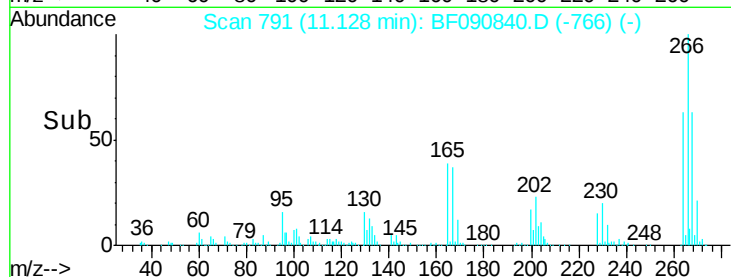
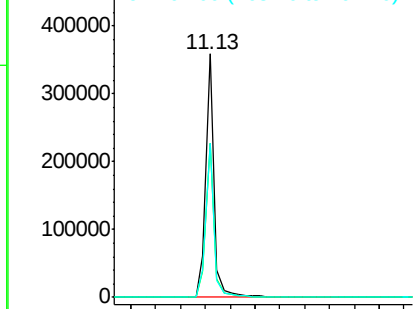
#69
 Pentachlorophenol
 Concen: 74.17 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 339655
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 63.3 50.2 75.2

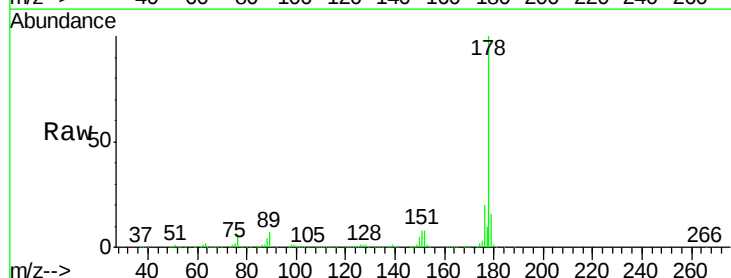


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

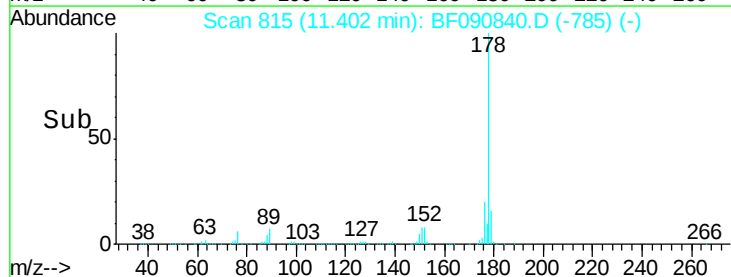
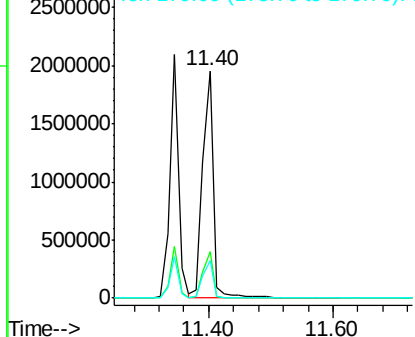


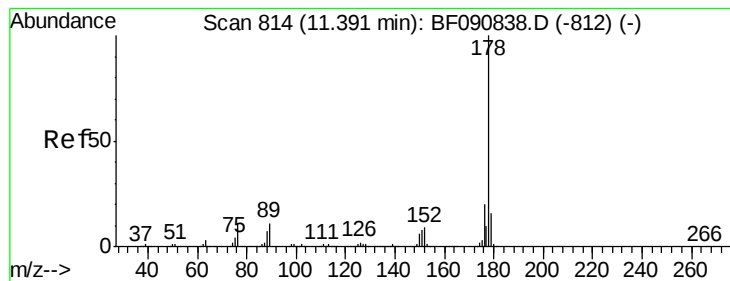
#70
 Phenanthrene
 Concen: 59.45 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.05 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion:178 Resp: 2358574
 Ion Ratio Lower Upper
 178 100
 176 20.4 13.8 20.8
 179 16.3 12.2 18.2



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: 53.81 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

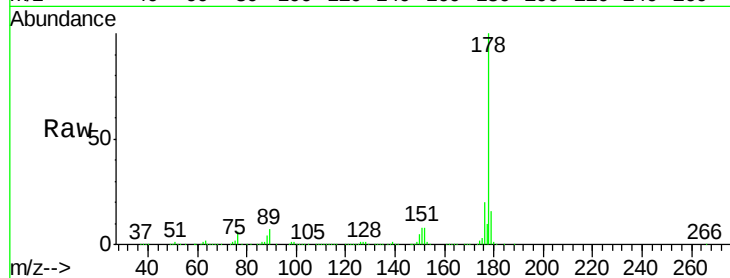
Tot Ion:178 Resp: 2367304

Ion Ratio Lower Upper

178 100

176 20.4 14.1 21.1

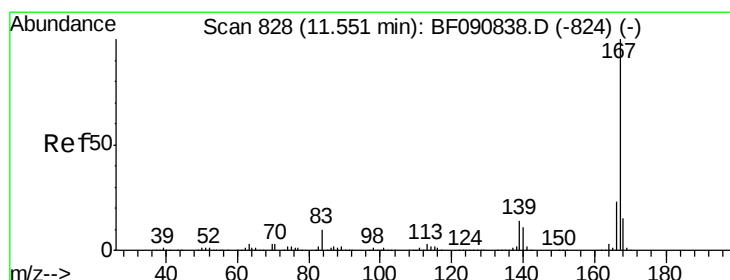
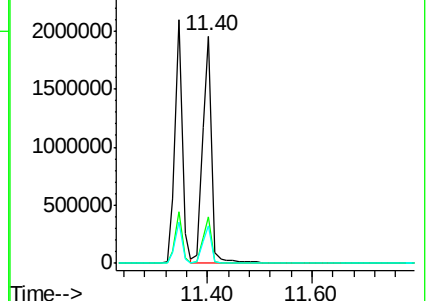
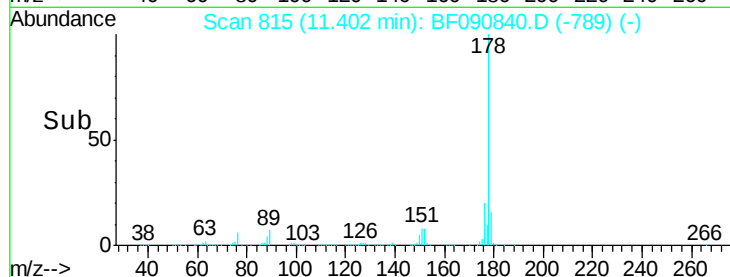
179 16.3 12.2 18.2



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: 54.09 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

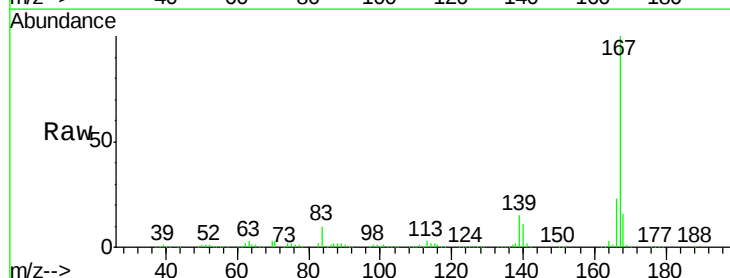
Tgt Ion:167 Resp: 1989483

Ion Ratio Lower Upper

167 100

166 23.1 15.7 23.5

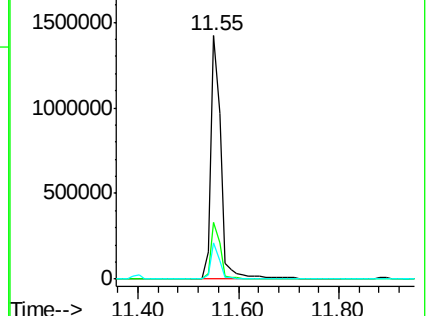
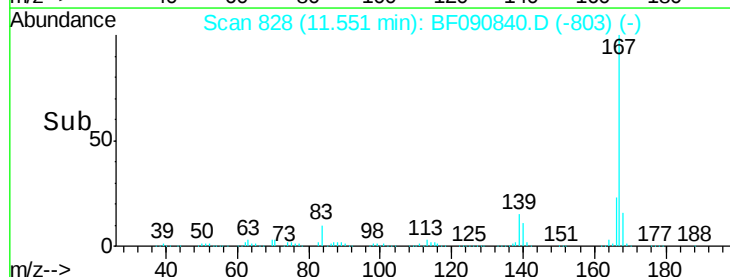
139 14.7 9.5 14.3#

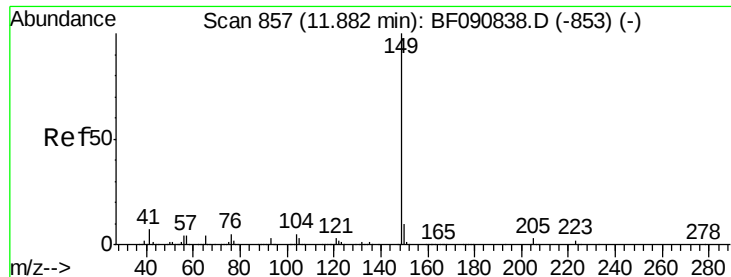


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.16 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :
BNA_F
ClientSampled :

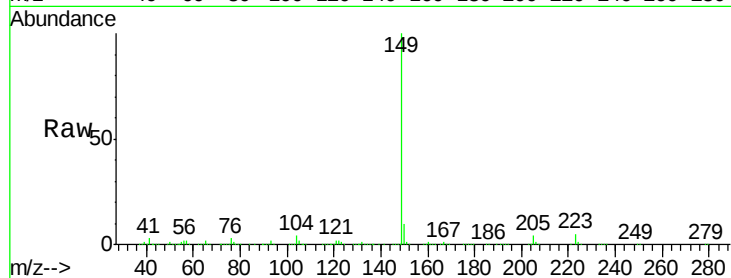
Tot Ion:149 Resp: 2679655

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	4.0	2.4	3.6

149 100

150 9.9 7.4 11.2

104 4.0 2.4 3.6



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

11.89

2000000

1500000

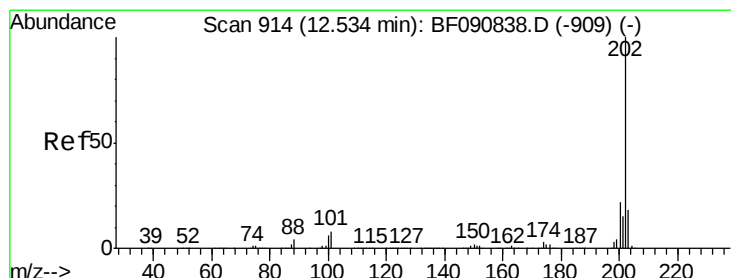
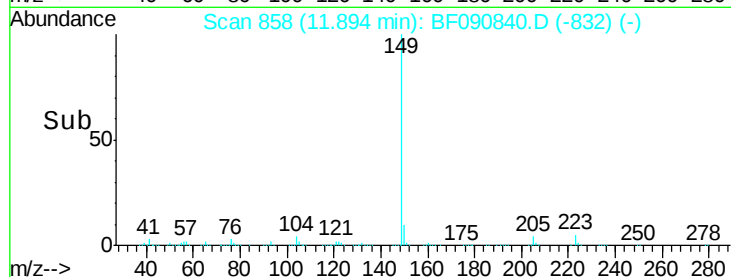
1000000

500000

0

Time-->

11.80 12.00



#74

Fluoranthene

Concen: 61.26 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

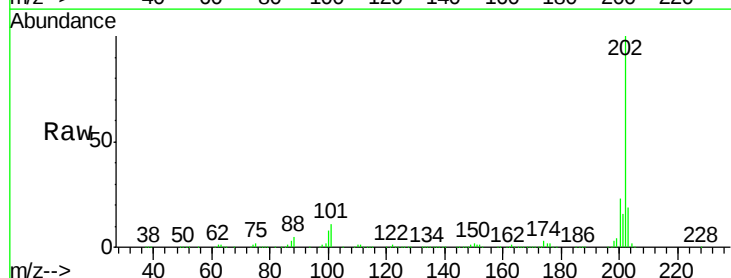
Tgt Ion:202 Resp: 2350928

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	38.3
203	19.3	0.0	37.3

202 100

101 11.2 0.0 38.3

203 19.3 0.0 37.3



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

12.53

3000000

2500000

2000000

1500000

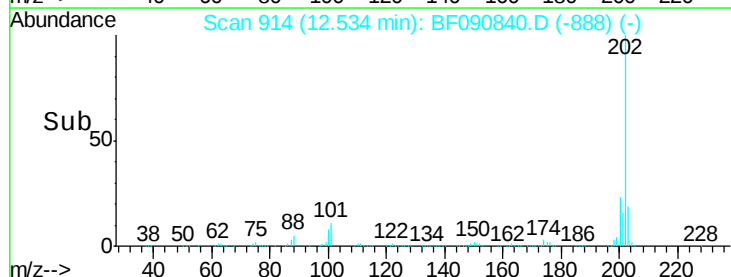
1000000

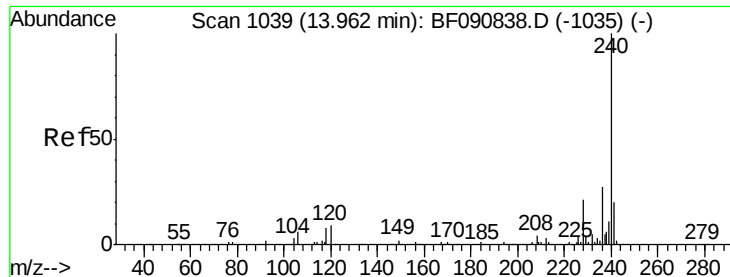
500000

0

Time-->

12.40 12.60





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

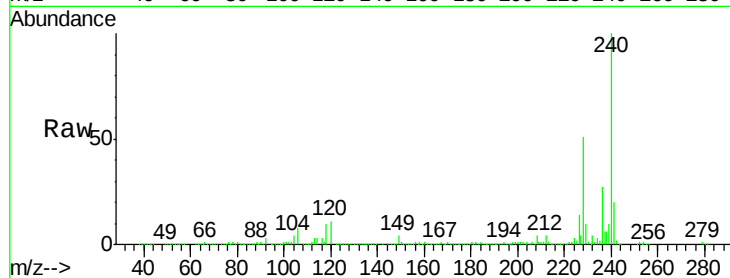
Tot Ion:240 Resp: 697503

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

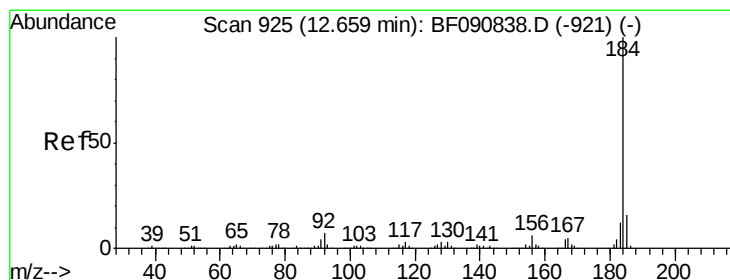
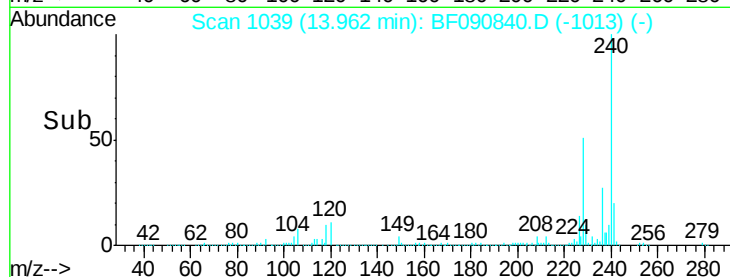
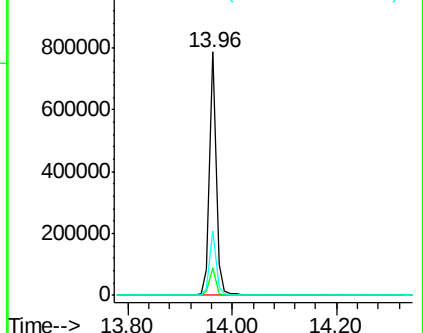
236 26.6 18.4 27.6



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: 47.30 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

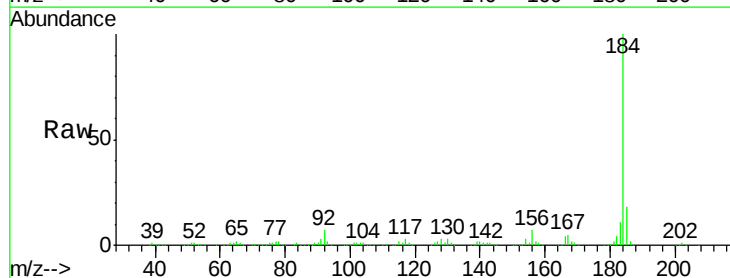
Tgt Ion:184 Resp: 732496

Ion Ratio Lower Upper

184 100

185 18.1 11.8 17.6#

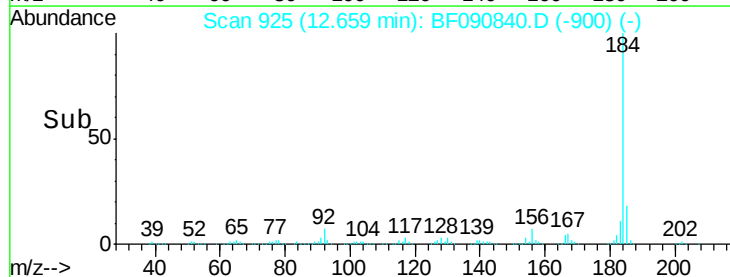
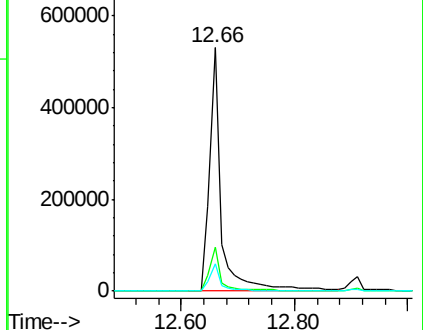
183 11.3 7.6 11.4

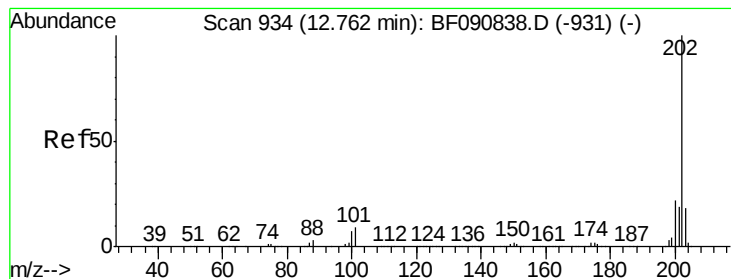


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.33 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

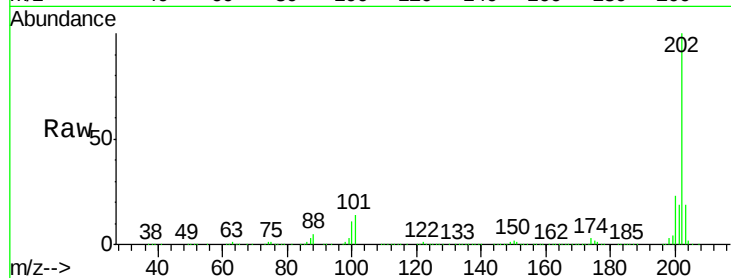
Tot Ion:202 Resp: 2354303

Ion Ratio Lower Upper

202 100

200 23.4 15.0 22.4#

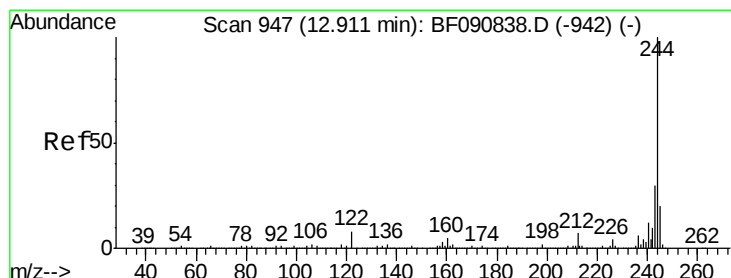
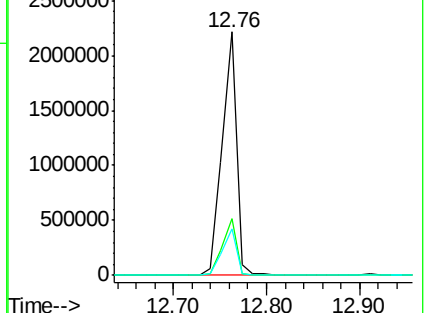
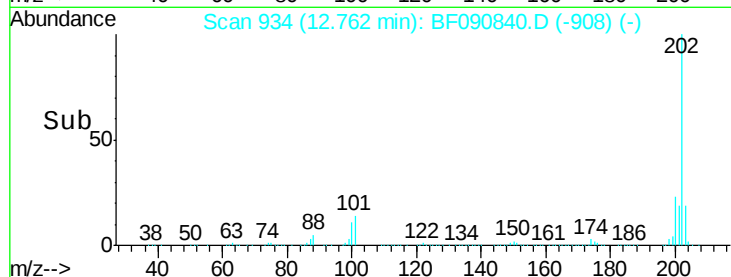
203 19.0 14.1 21.1



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: 86.92 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

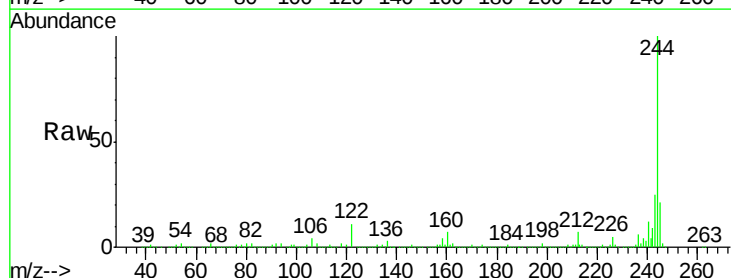
Tgt Ion:244 Resp: 2645304

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

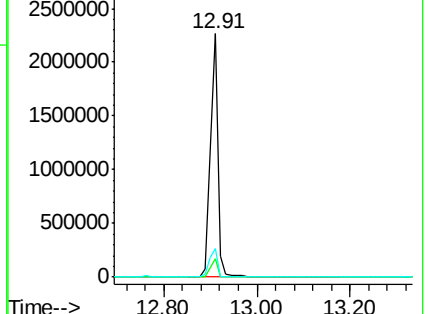
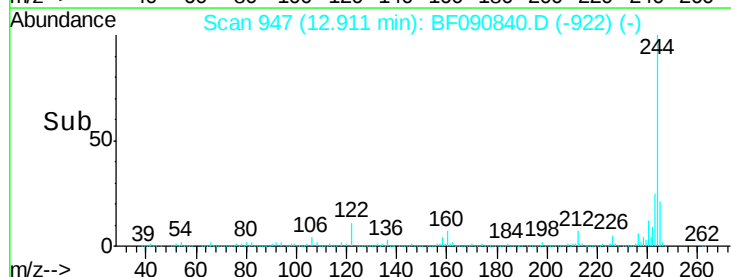
122 11.5 17.4 26.2#

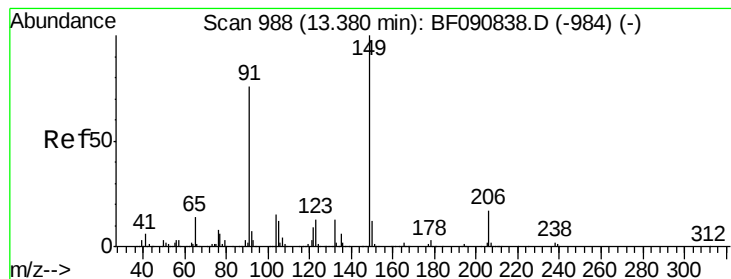


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.32 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampled :

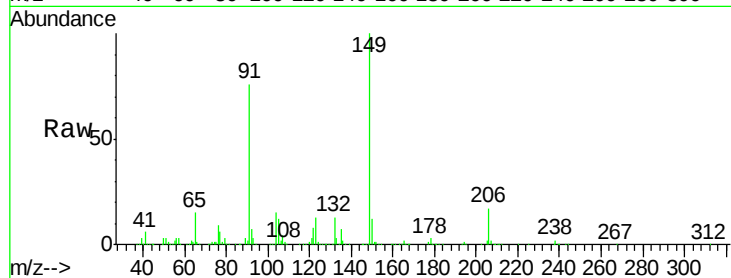
Tot Ion:149 Resp: 1149122

Ion Ratio Lower Upper

149 100

91 76.0 48.6 72.8#

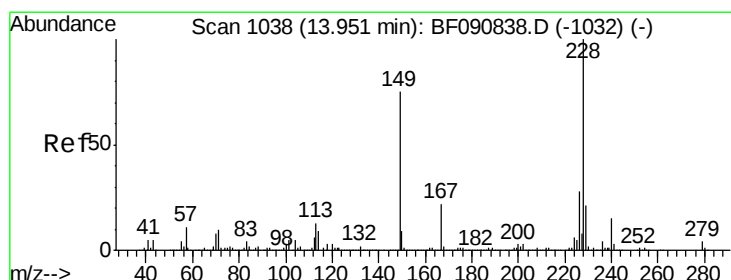
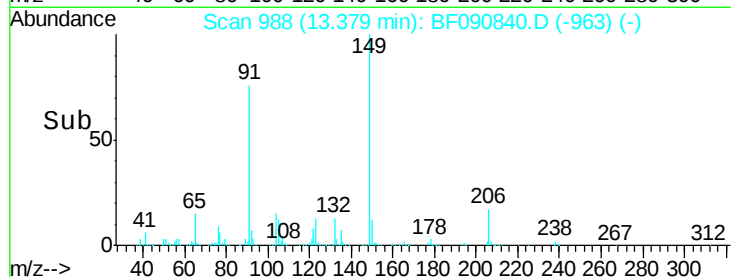
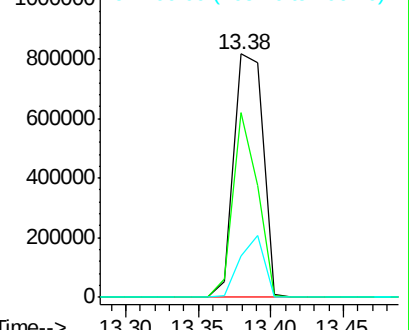
206 17.2 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.39 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

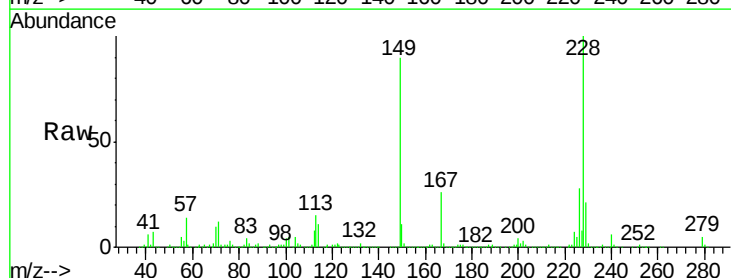
Tgt Ion:228 Resp: 1961597

Ion Ratio Lower Upper

228 100

226 28.4 20.0 30.0

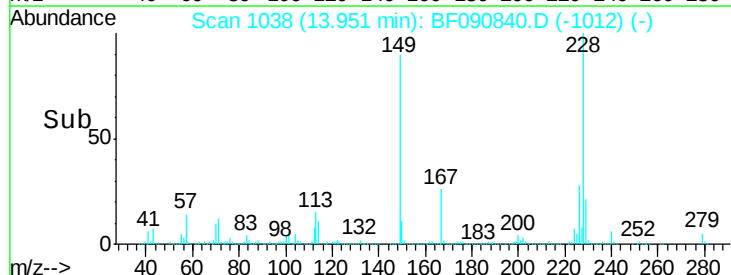
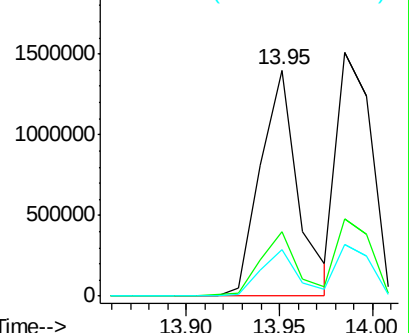
229 20.6 15.4 23.2

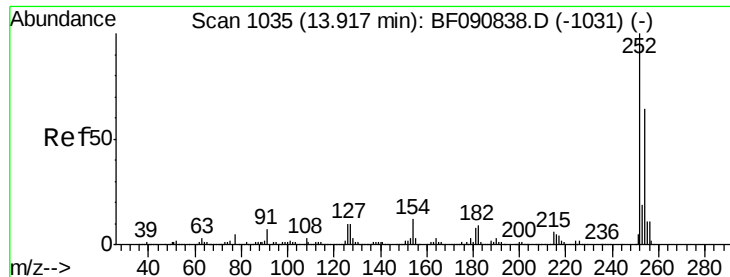


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

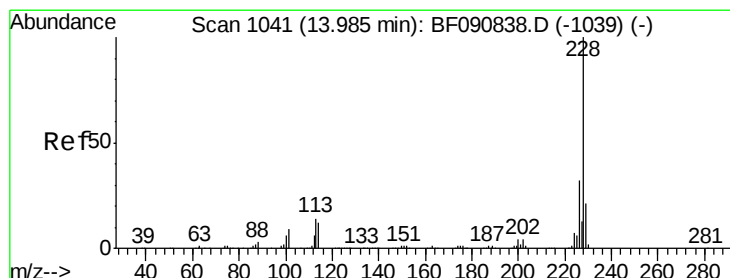
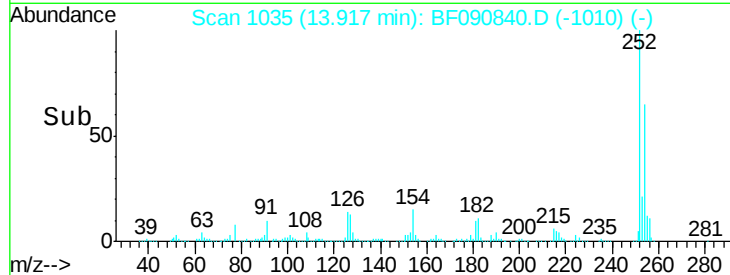
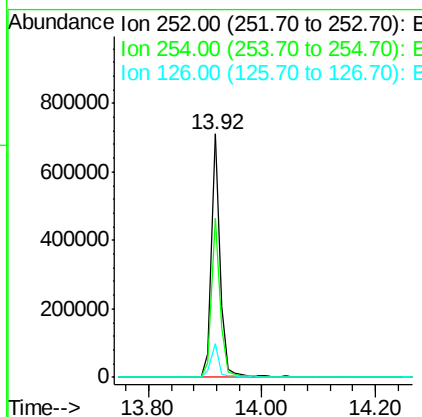
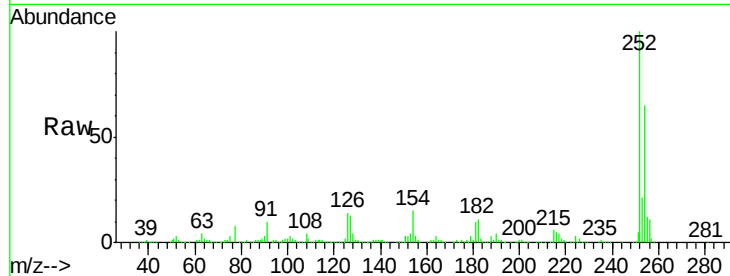




#81
 3,3'-Dichlorobenzidine
 Concen: 55.68 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

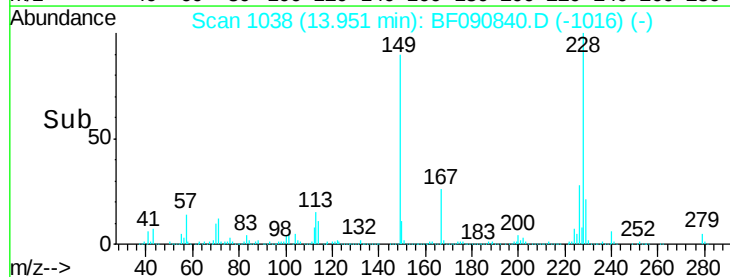
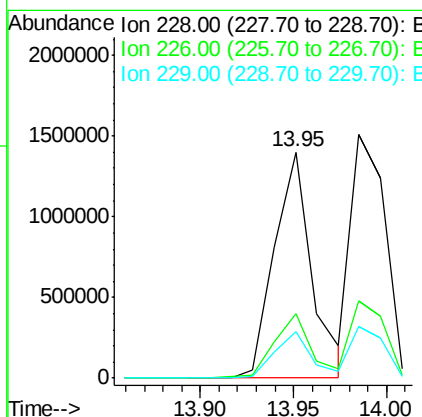
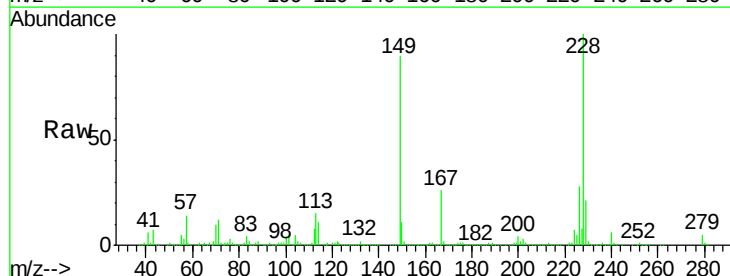
Instrument :
 BNA_F
 ClientSampled :

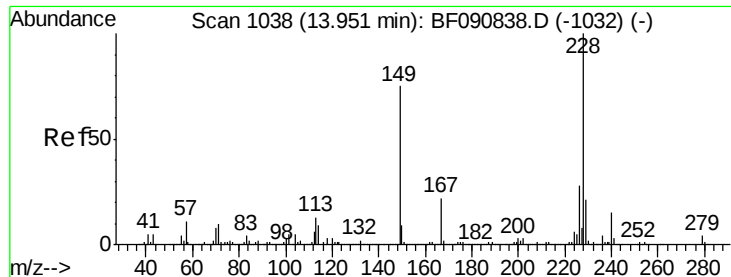
Tot Ion:252 Resp: 736502
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.2
 126 13.6 16.4 24.6#



#82
 Chrysene
 Concen: 52.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF090840.D
 Acq: 26 Oct 2016 13:54

Tgt Ion:228 Resp: 1961597
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.0 31.4
 229 20.6 15.6 23.4

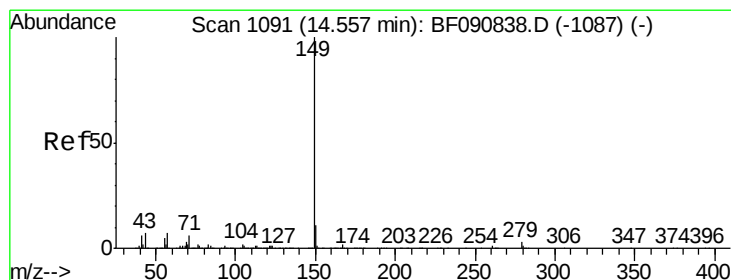
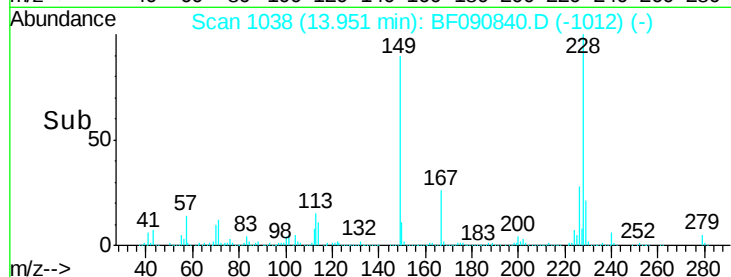
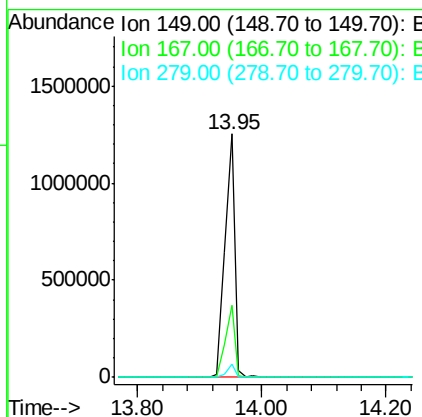
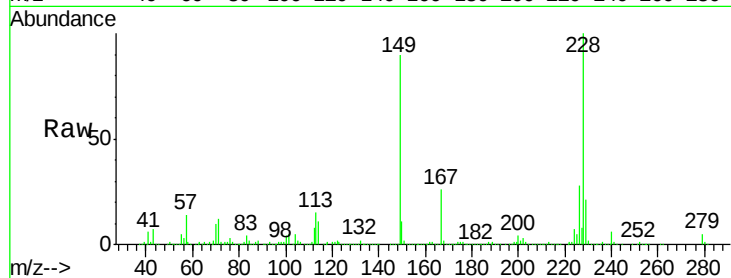




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.09 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

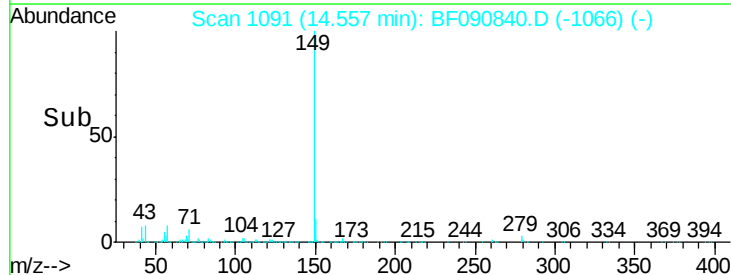
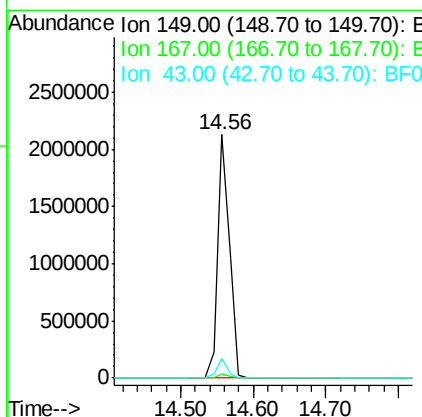
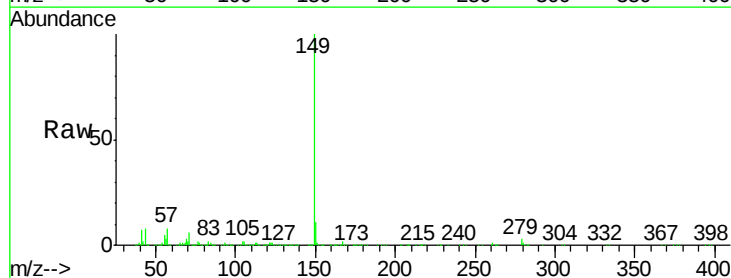
Instrument :
BNA_F
ClientSampleId :

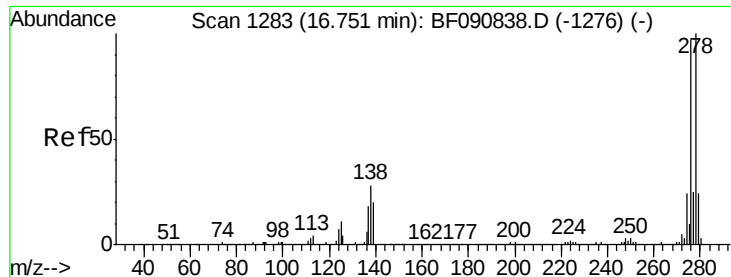
Tot Ion:149 Resp: 1348478
Ion Ratio Lower Upper
149 100
167 29.4 24.2 36.2
279 5.2 3.8 5.6



#84
Di-n-octyl phthalate
Concen: 48.72 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion:149 Resp: 2368718
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6#
43 7.2 10.2 15.2#

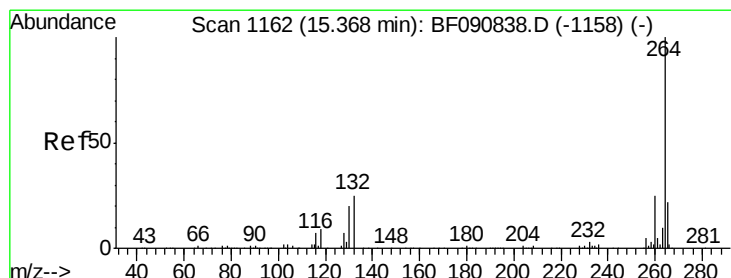
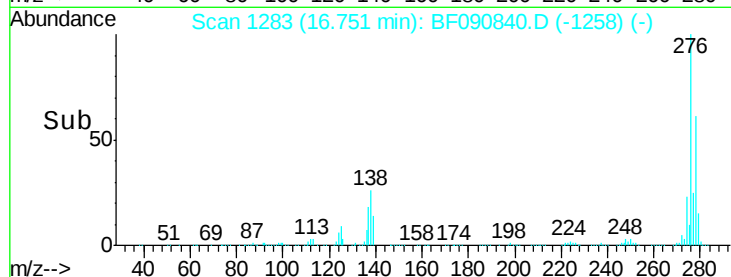
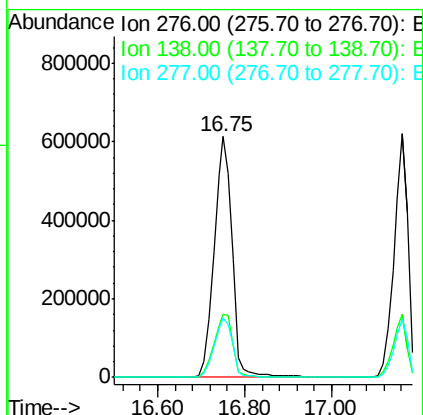
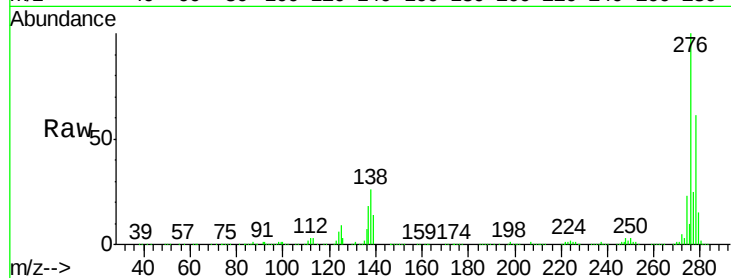




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.25 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

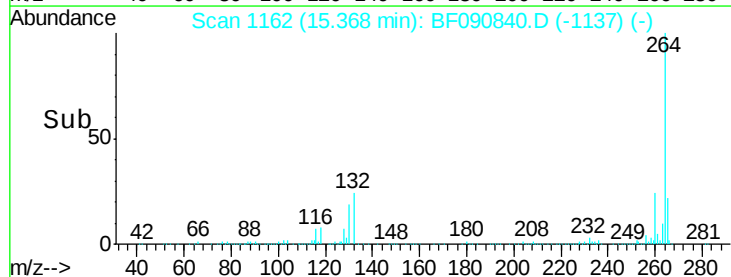
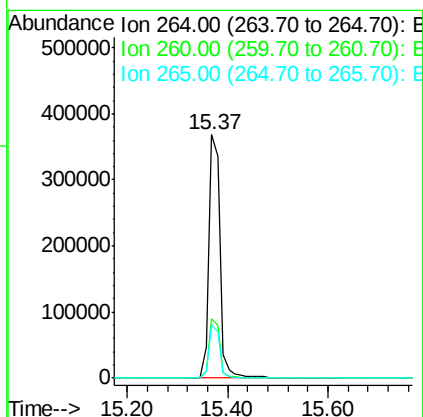
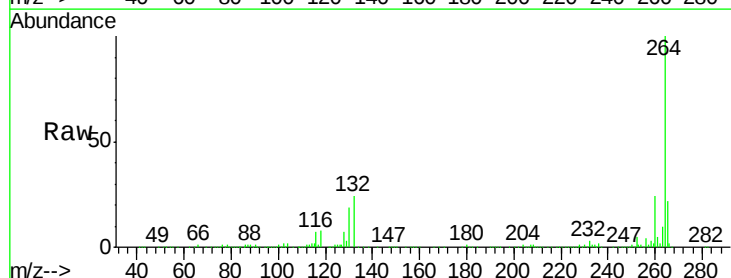
Instrument :
BNA_F
ClientSampleId :

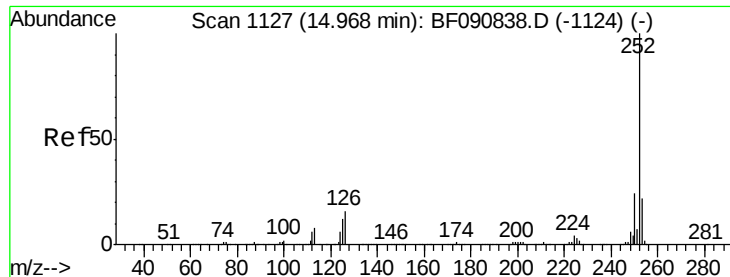
Tot Ion:276 Resp: 1795813
Ion Ratio Lower Upper
276 100
138 27.7 25.7 38.5
277 25.3 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090840.D
Acq: 26 Oct 2016 13:54

Tgt Ion:264 Resp: 568557
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 115.95 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

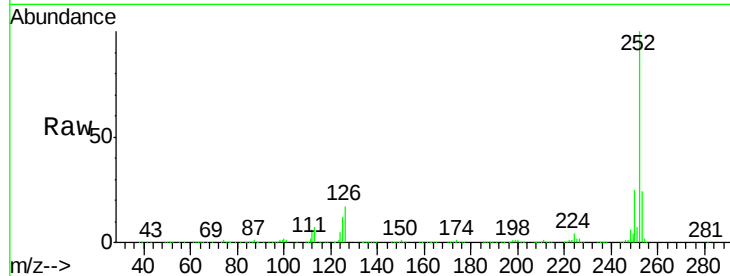
Tot Ion:252 Resp: 4053649

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

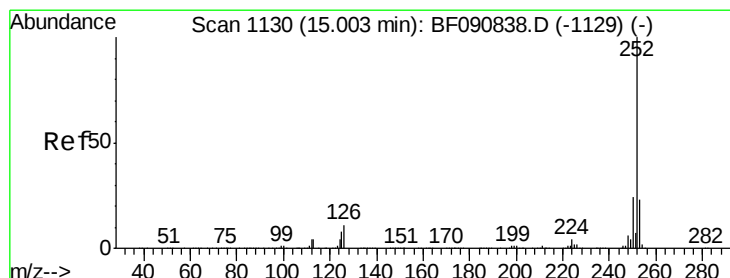
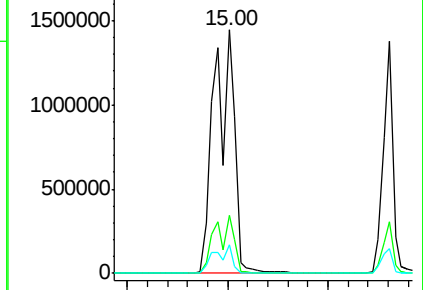
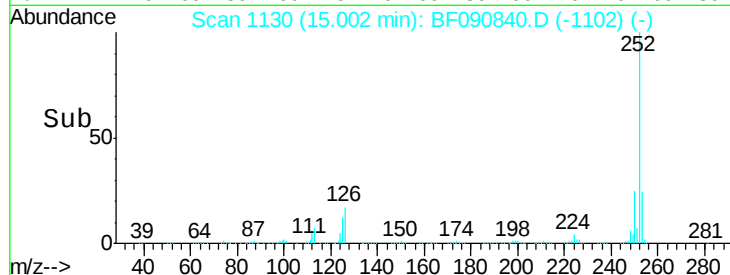
125 11.5 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 115.48 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

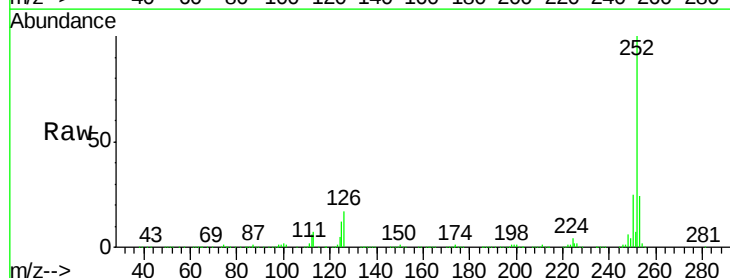
Tgt Ion:252 Resp: 4057261

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

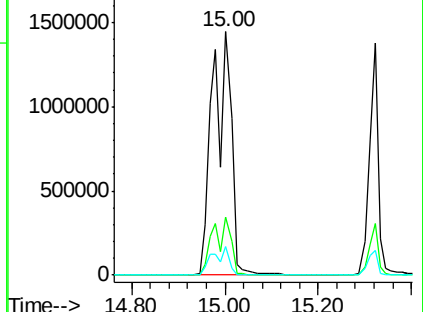
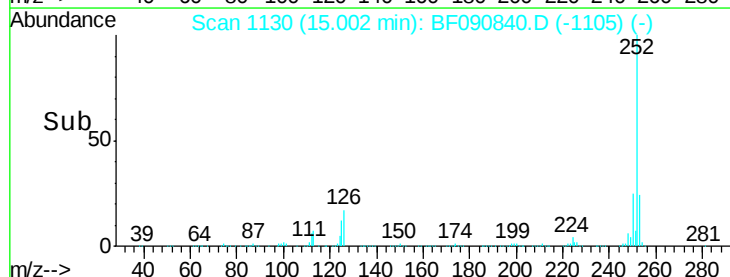
125 11.5 16.0 24.0#

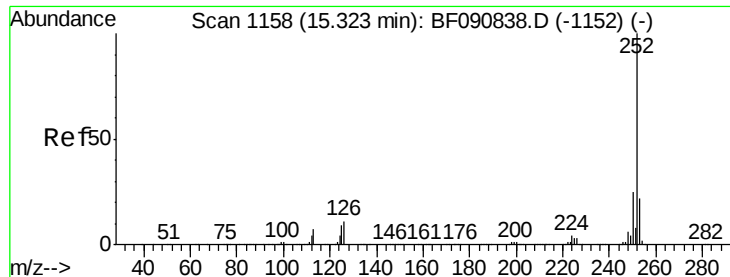


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.13 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

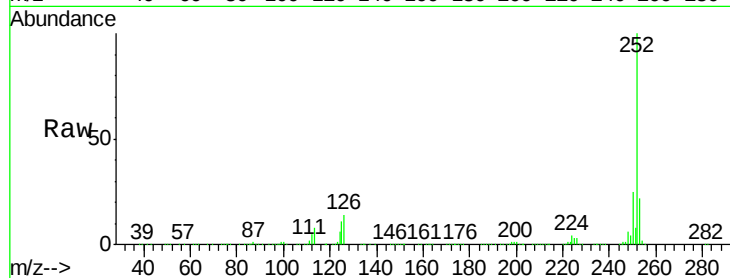
Tot Ion:252 Resp: 1873954

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

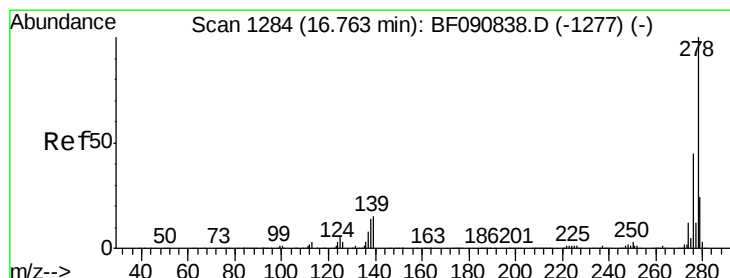
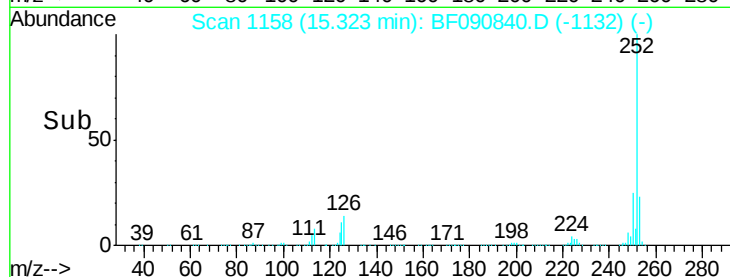
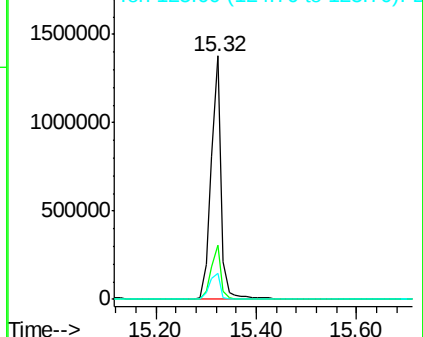
125 10.8 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 50.17 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

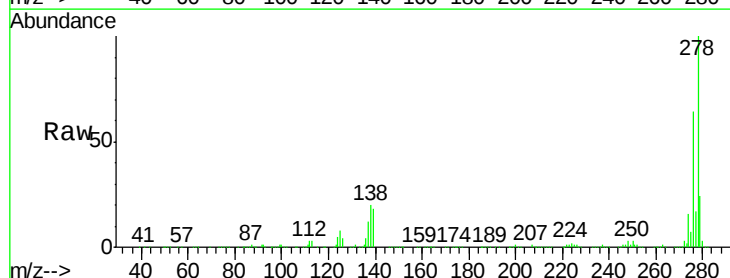
Tgt Ion:278 Resp: 1579874

Ion Ratio Lower Upper

278 100

139 18.1 26.3 39.5#

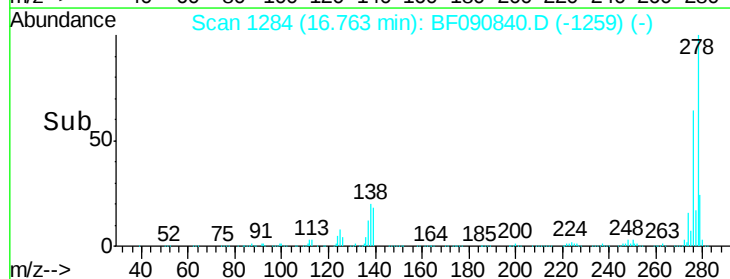
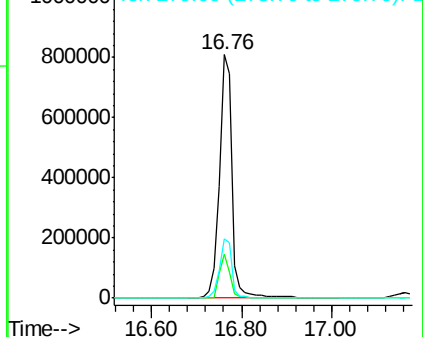
279 24.4 18.2 27.4

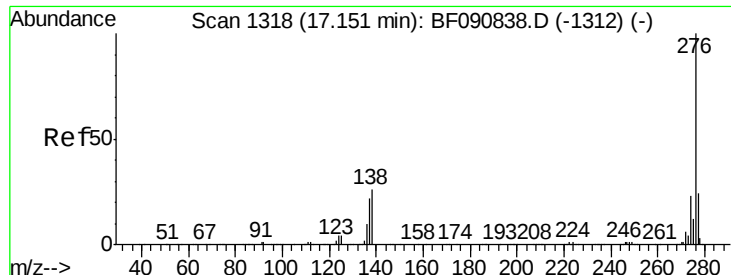


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.24 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF090840.D

Acq: 26 Oct 2016 13:54

Instrument :

BNA_F

ClientSampleId :

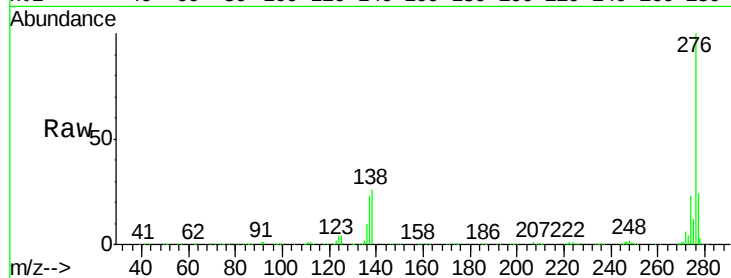
Tot Ion:276 Resp: 1412407

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 26.1 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

