

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090837.D
 Acq On : 26 Oct 2016 12:33
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:48:35 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 13:46:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187089	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	811039	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	454460	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	730857	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	657494	20.00	ng	0.00
86) Perylene-d12	15.37	264	588428	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	607149	52.34	ng	0.00
7) Phenol-d6	6.43	99	788481	50.18	ng	0.00
23) Nitrobenzene-d5	7.36	82	609941	41.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	260454	72.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1428816	48.81	ng	0.00
78) Terphenyl-d14	12.90	244	1400016	48.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	146214	21.78	ng	# 75
3) Pyridine	3.05	79	393595	25.02	ng	# 76
4) n-Nitrosodimethylamine	2.99	42	120820	22.45	ng	# 74
6) Aniline	6.45	93	449187	25.21	ng	92
8) 2-Chlorophenol	6.57	128	344038	24.71	ng	92
9) Benzaldehyde	6.33	77	210925	24.55	ng	# 75
10) Phenol	6.44	94	441641	25.00	ng	# 54
11) bis(2-Chloroethyl)ether	6.52	93	354562	23.89	ng	94
12) 1,3-Dichlorobenzene	6.73	146	365733	26.15	ng	# 94
13) 1,4-Dichlorobenzene	6.81	146	387053	26.09	ng	# 95
14) 1,2-Dichlorobenzene	6.81	146	391211	26.93	ng	97
15) Benzyl Alcohol	6.93	79	262754	24.62	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.07	45	316208	14.23	ng	62
17) 2-Methylphenol	7.06	107	255943	24.39	ng	# 85
18) Hexachloroethane	7.30	117	130199	21.62	ng	88
19) n-Nitroso-di-n-propylamine	7.21	70	218103	18.64	ng	# 68
20) 3+4-Methylphenols	7.21	107	316430	25.44	ng	# 66
22) Acetophenone	7.21	105	427089	23.63	ng	# 84
24) Nitrobenzene	7.38	77	339114	21.15	ng	# 82
25) Isophorone	7.62	82	638337	22.80	ng	# 94
26) 2-Nitrophenol	7.70	139	183756	28.06	ng	# 94
27) 2,4-Dimethylphenol	7.73	122	279984	24.11	ng	# 79
28) bis(2-Chloroethoxy)methane	7.84	93	377372	24.64	ng	# 95
29) 2,4-Dichlorophenol	7.94	162	284230	29.82	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	315975	28.17	ng	97
31) Naphthalene	8.10	128	1001588	25.25	ng	98
32) Benzoic acid	7.86	122	191452	27.26	ng	# 73
33) 4-Chloroaniline	8.16	127	414045	28.14	ng	# 98
34) Hexachlorobutadiene	8.22	225	184799	29.30	ng	99
35) Caprolactam	8.52	113	85197	31.30	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	311377	28.09	ng	# 83
37) 2-Methylnaphthalene	8.80	142	659332	28.44	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	316828	25.82	ng	98
40) Hexachlorocyclopentadiene	8.94	237	138553	24.05	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

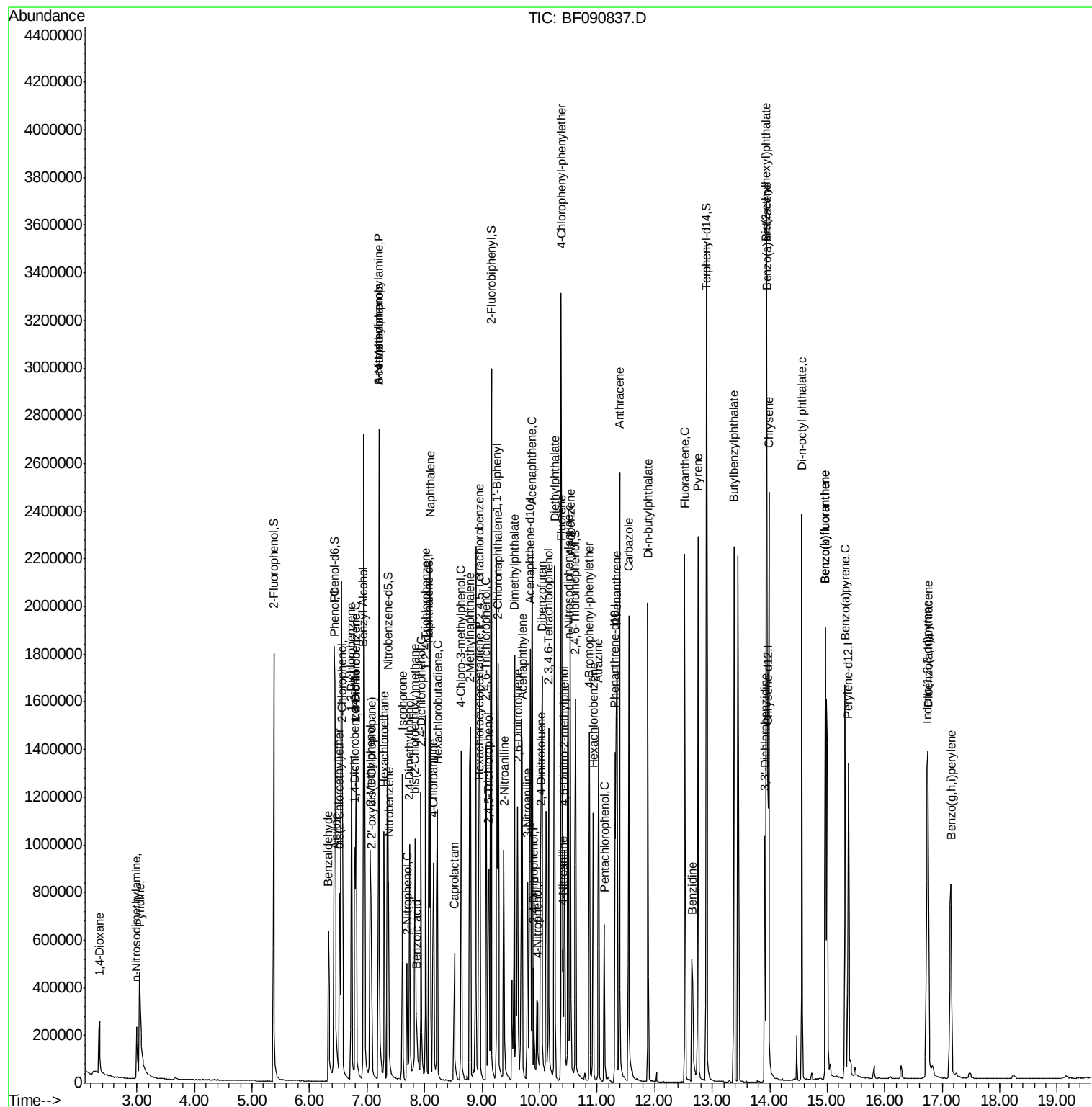
42) 2,4,6-Trichlorophenol	9.07	196	210174	27.62	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	213561	27.65	nq	# 93
45) 1,1'-Biphenyl	9.25	154	818476	22.93	nq	92
46) 2-Chloronaphthalene	9.28	162	626625	23.62	nq	# 91
47) 2-Nitroaniline	9.38	65	194292	22.07	nq	86
48) Acenaphthylene	9.70	152	1023319	25.28	nq	97
49) Dimethylphthalate	9.56	163	783103	27.42	nq	# 98
50) 2,6-Dinitrotoluene	9.62	165	163591	26.64	nq	# 75
51) Acenaphthene	9.87	154	708315	26.36	nq	90
52) 3-Nitroaniline	9.79	138	180573	25.58	nq	# 74
53) 2,4-Dinitrophenol	9.89	184	84620	34.53	nq	# 49
54) Dibenzofuran	10.04	168	923949	28.39	nq	94
55) 4-Nitrophenol	9.96	139	106032	28.57	nq	# 80
56) 2,4-Dinitrotoluene	10.02	165	209009	27.85	nq	# 70
57) Fluorene	10.38	166	762071	28.25	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.16	232	186734	30.81	nq	98
59) Diethylphthalate	10.26	149	827152	27.93	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	363996	29.53	nq	90
61) 4-Nitroaniline	10.41	138	193296	27.04	nq	# 66
62) Azobenzene	10.53	77	868259	25.03	nq	85
64) 4,6-Dinitro-2-methylphenol	10.43	198	125769	28.79	nq	87
65) n-Nitrosodiphenylamine	10.50	169	623881	26.64	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	227381	32.09	nq	# 91
67) Hexachlorobenzene	10.93	284	258841	30.96	nq	# 76
68) Atrazine	11.02	200	204493	31.64	nq	85
69) Pentachlorophenol	11.13	266	127438	31.85	nq	97
70) Phenanthrene	11.34	178	1006610	27.02	nq	97
71) Anthracene	11.39	178	1049433	25.40	nq	96
72) Carbazole	11.55	167	973700	28.19	nq	95
73) Di-n-butylphthalate	11.88	149	1100457	24.56	nq	# 98
74) Fluoranthene	12.52	202	1033401	28.68	nq	95
76) Benzidine	12.65	184	426770	29.23	nq	96
77) Pyrene	12.75	202	1060576	23.10	nq	96
79) Butylbenzylphthalate	13.38	149	507847	24.06	nq	89
80) Benzo(a)anthracene	13.95	228	955318	26.55	nq	97
81) 3,3'-Dichlorobenzidine	13.92	252	389887	31.27	nq	# 92
82) Chrysene	13.99	228	1044224	29.74	nq	94
83) Bis(2-ethylhexyl)phthalate	13.94	149	678116	22.45	nq	# 91
84) Di-n-octyl phthalate	14.56	149	1157360	25.25	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.74	276	853044	27.84	nq	# 91
87) Benzo(b)fluoranthene	14.97	252	902863	24.95	nq	# 88
88) Benzo(k)fluoranthene	14.97	252	902863	24.83	nq	# 89
89) Benzo(a)pyrene	15.31	252	856780	25.24	nq	# 88
90) Dibenzo(a,h)anthracene	16.75	278	746878	22.91	nq	# 84
91) Benzo(g,h,i)perylene	17.15	276	686710	21.72	nq	# 78

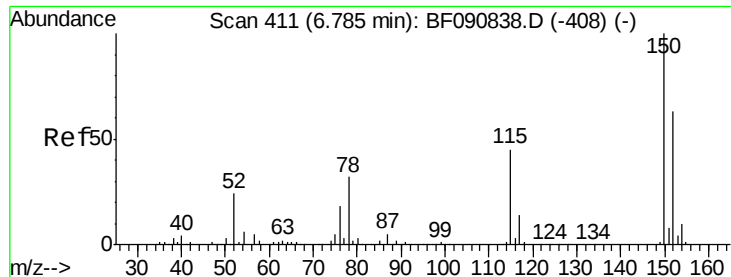
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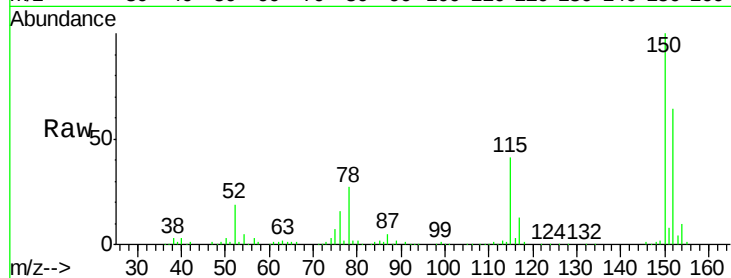


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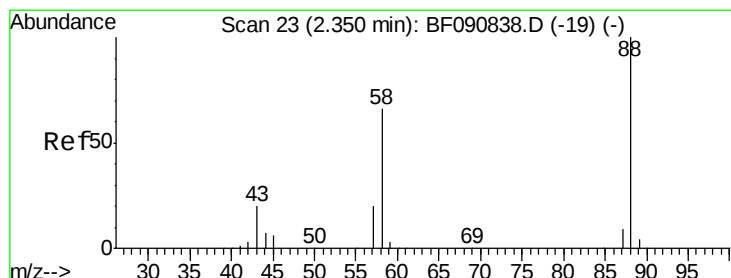
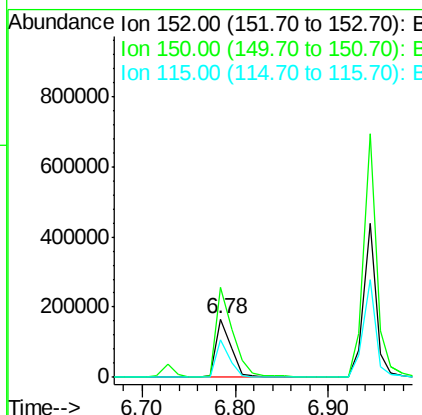
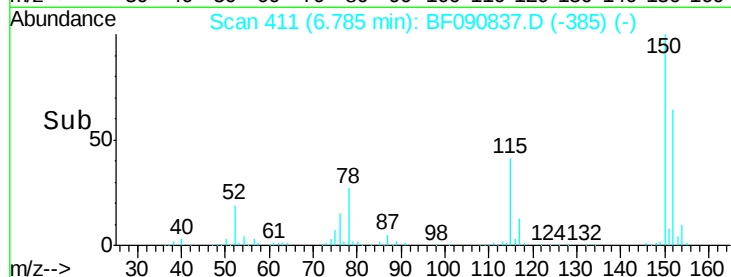
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187089
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 64.2 39.0 58.4#



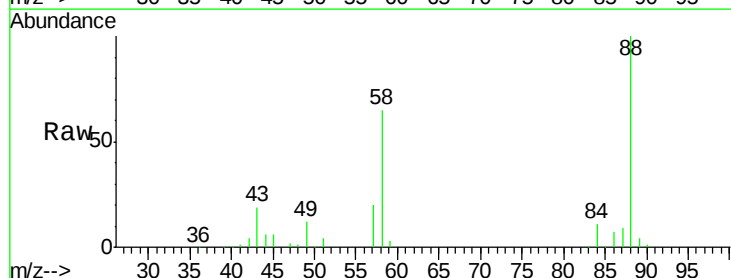
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



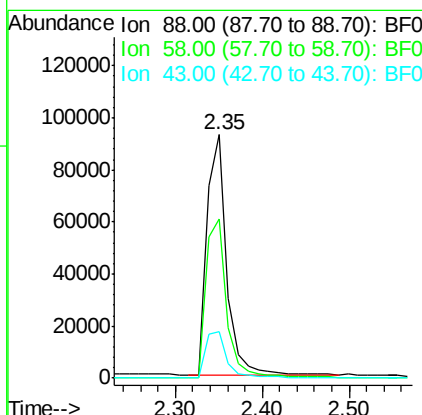
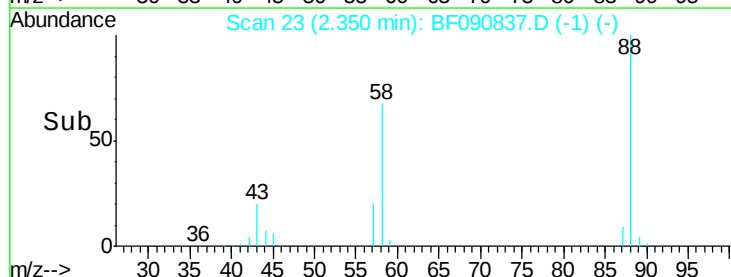
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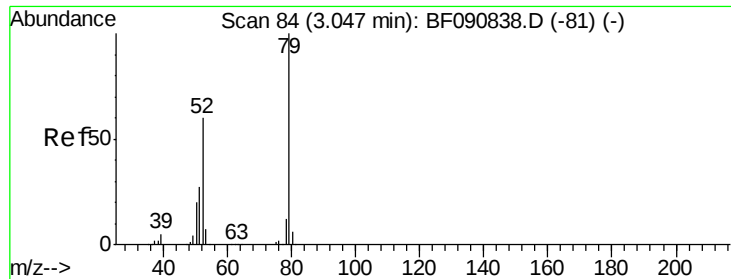
1,4-Dioxane
Concen: 21.78 ng
RT: 2.35 min Scan# 23
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion: 88 Resp: 146214
Ion Ratio Lower Upper
88 100
58 70.8 77.7 116.5#
43 21.5 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

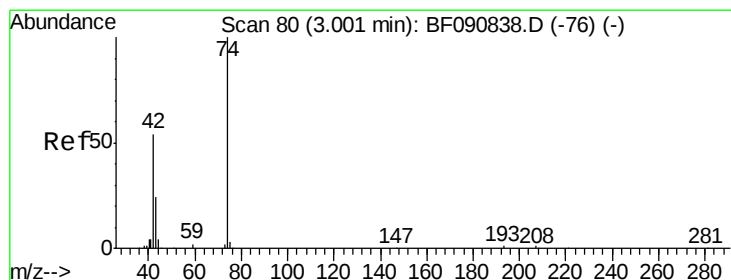
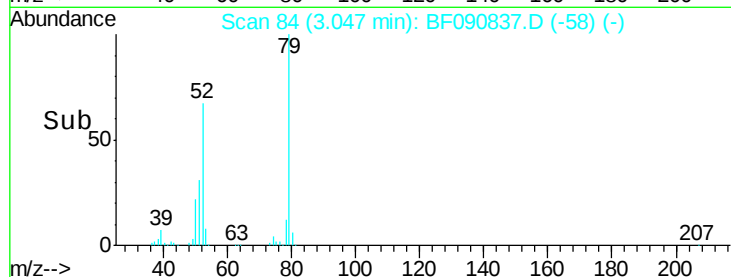
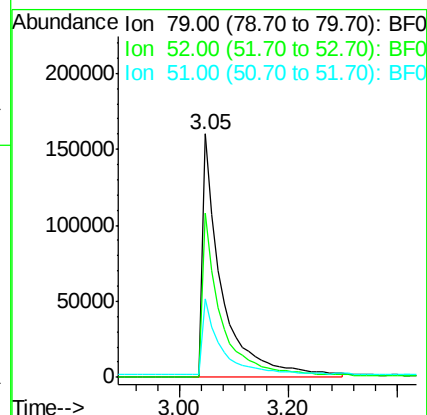
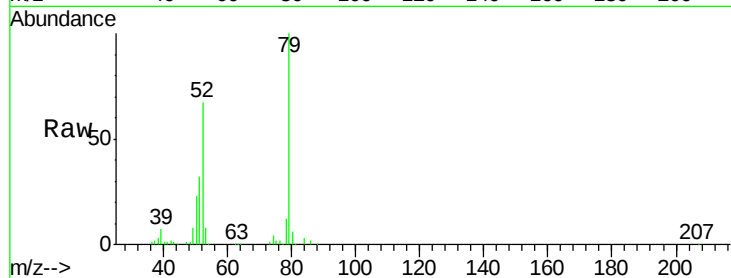




#3
 Pvridine
 Concen: 25.02 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

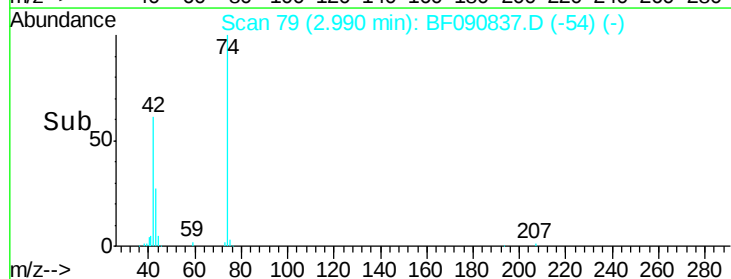
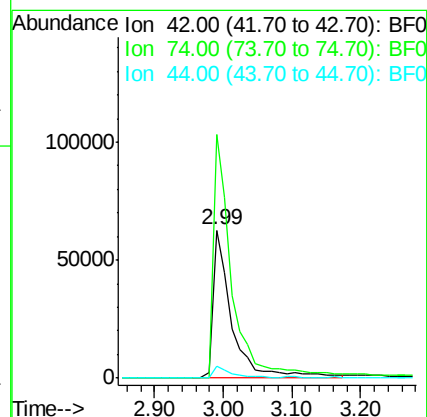
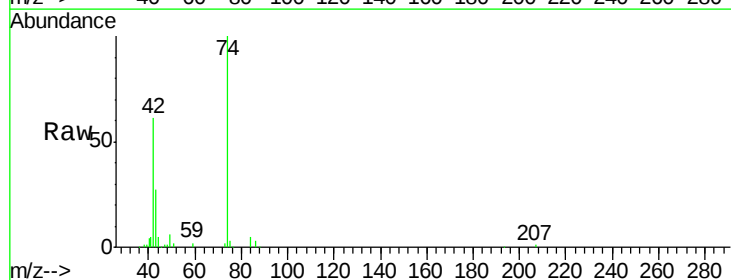
Instrument :
 BNA_F
 ClientSampleId :

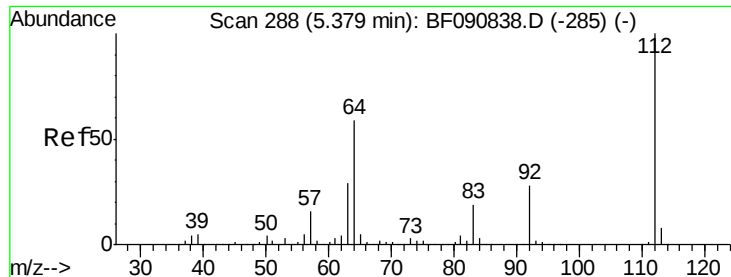
Tot Ion: 79 Resp: 393595
 Ion Ratio Lower Upper
 79 100
 52 67.4 76.8 115.2#
 51 32.3 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 22.45 ng
 RT: 2.99 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion: 42 Resp: 120820
 Ion Ratio Lower Upper
 42 100
 74 164.2 105.0 157.6#
 44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 52.34 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

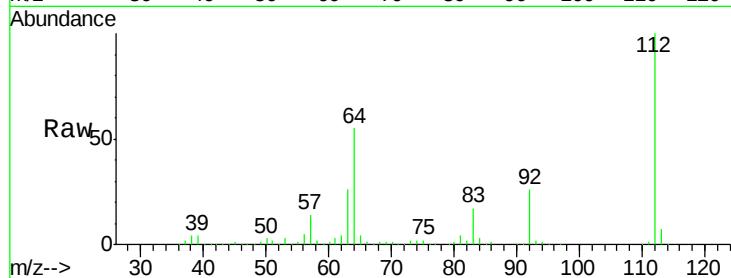
Tot Ion: 112 Resp: 607149

Ion Ratio Lower Upper

112 100

64 54.5 39.7 59.5

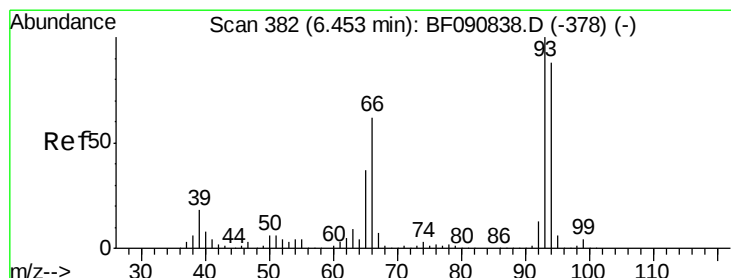
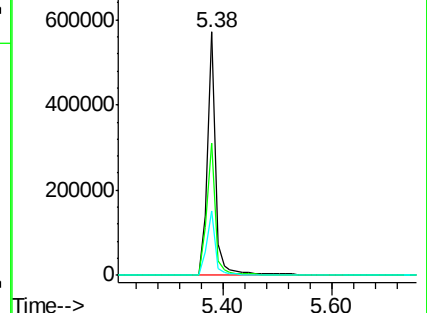
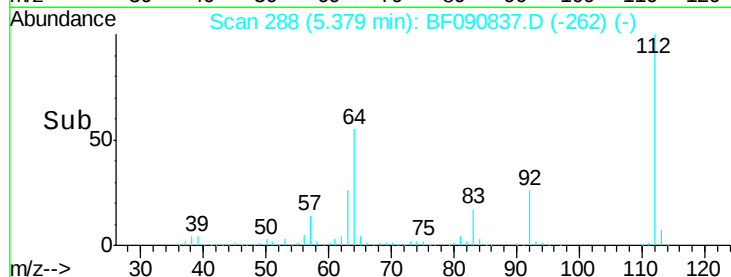
63 26.3 17.4 26.0#



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: 25.21 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

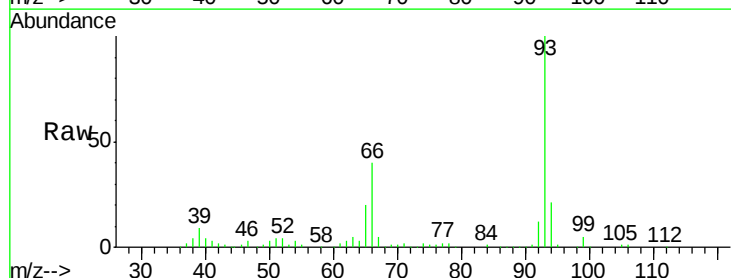
Tgt Ion: 93 Resp: 449187

Ion Ratio Lower Upper

93 100

66 40.0 27.2 40.8

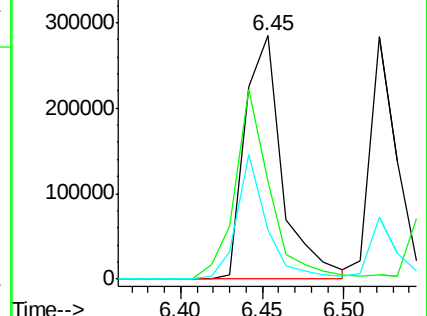
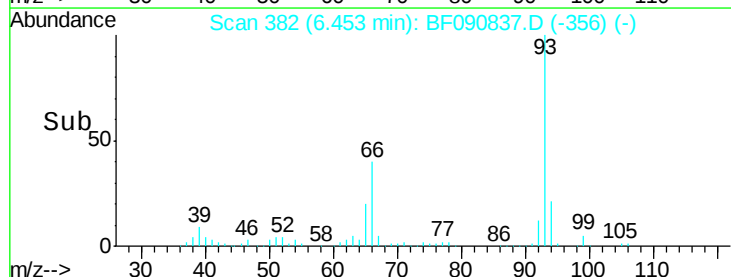
65 20.0 14.7 22.1

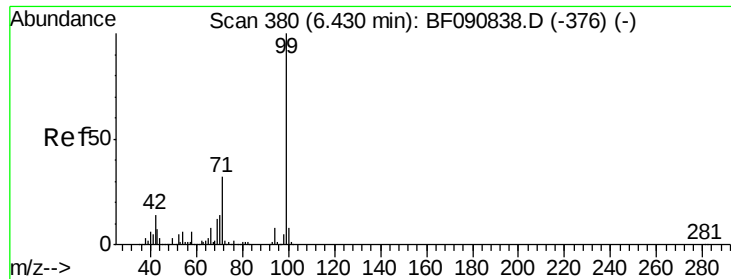


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.18 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF090837.D

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Instrument :

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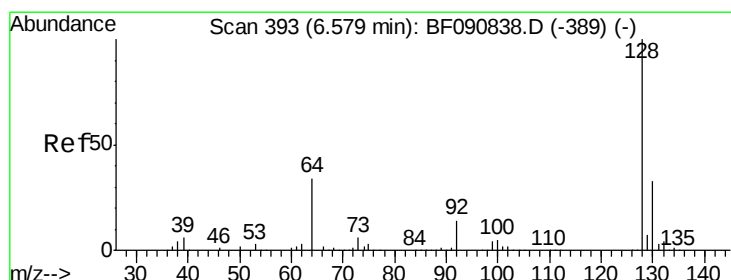
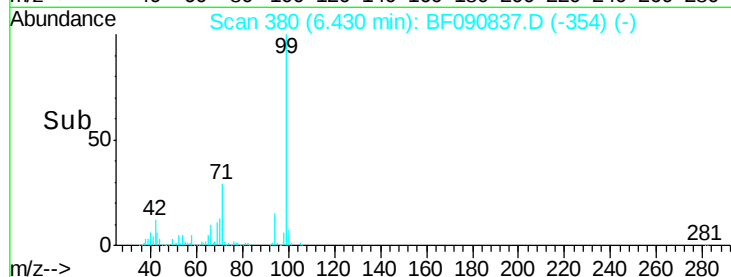
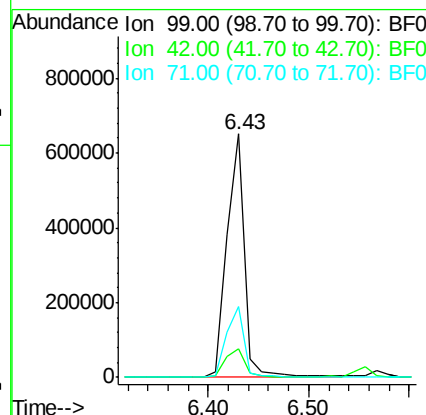
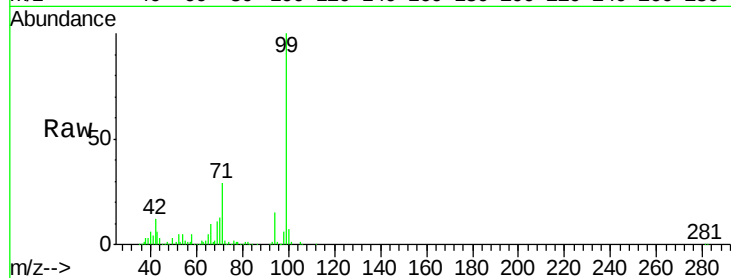
Tot Ion: 99 Resp: 788481

Ion Ratio Lower Upper

99 100

42 11.7 13.7 20.5#

71 28.8 14.2 21.2#



#8

2-Chlorophenol

Concen: 24.71 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

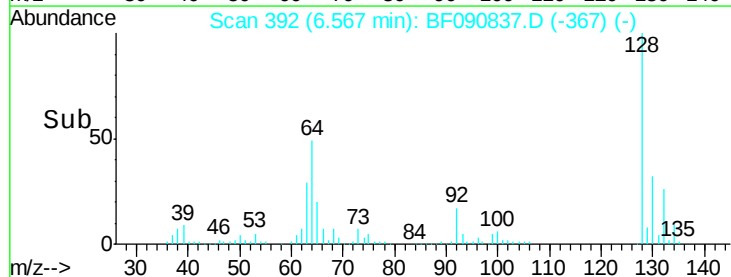
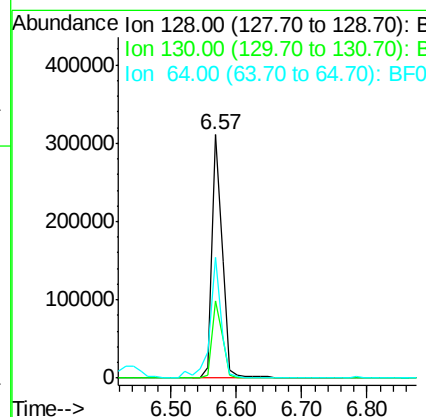
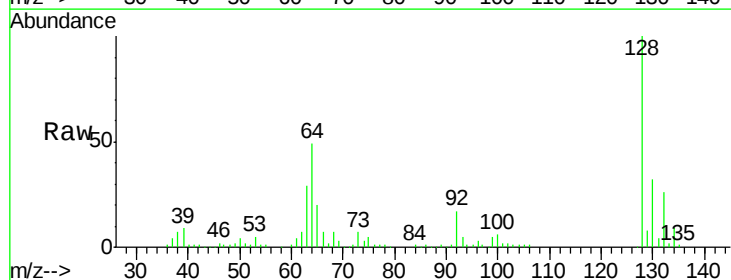
Tgt Ion: 128 Resp: 344038

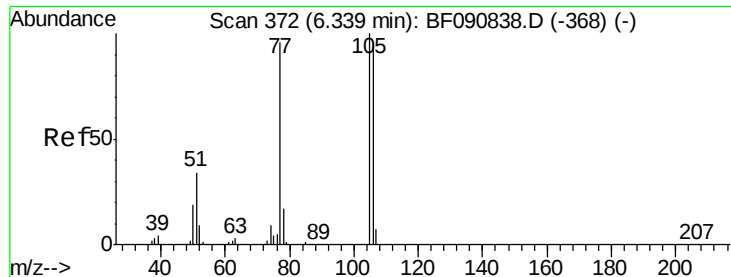
Ion Ratio Lower Upper

128 100

130 31.6 12.2 52.2

64 49.4 20.5 60.5





#9

Benzaldehyde

Concen: 24.55 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

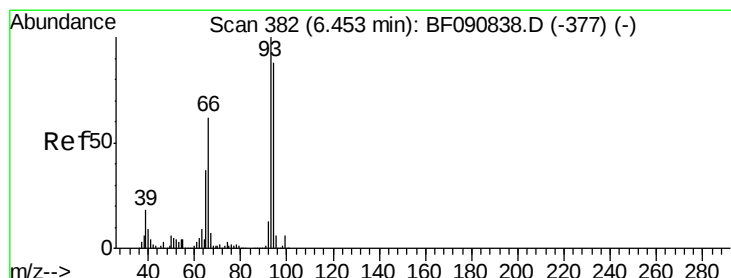
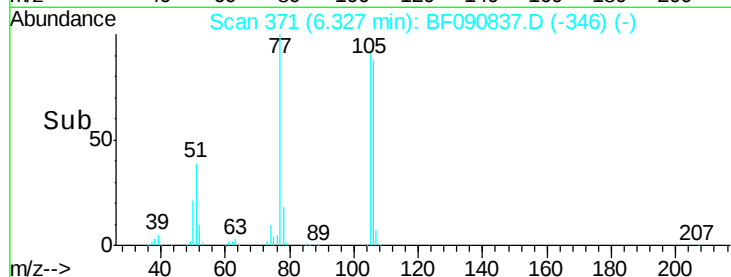
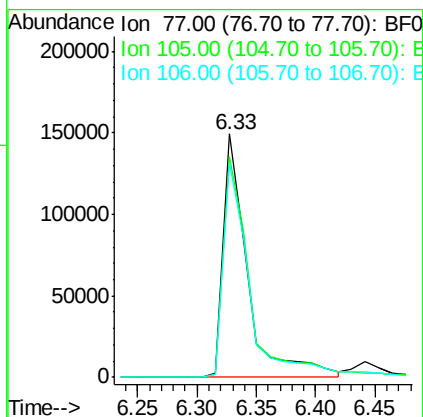
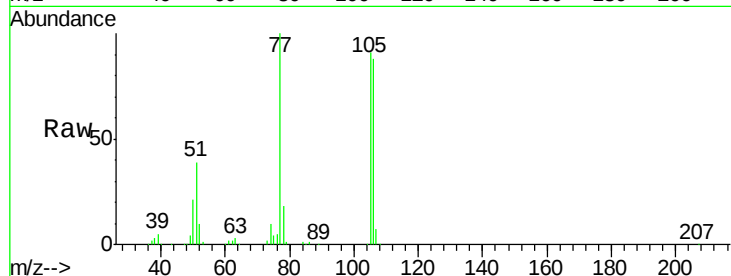
Tot Ion: 77 Resp: 210925

Ion Ratio Lower Upper

77 100

105 90.8 91.6 131.6#

106 87.9 102.6 142.6#



#10

Phenol

Concen: 25.00 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

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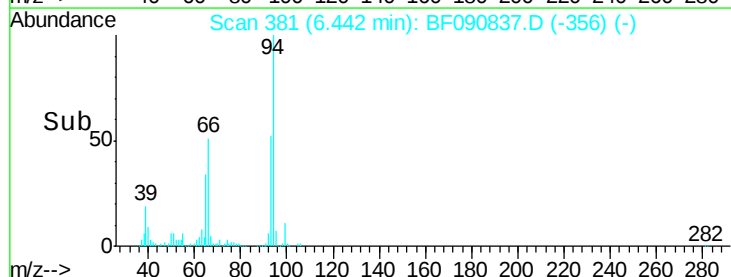
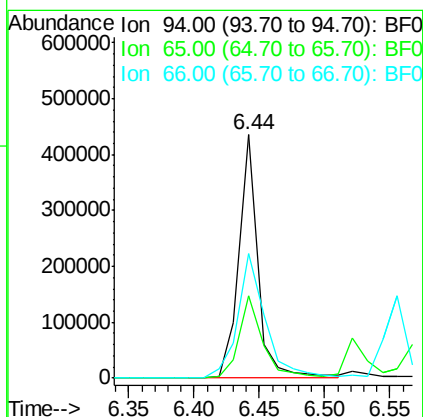
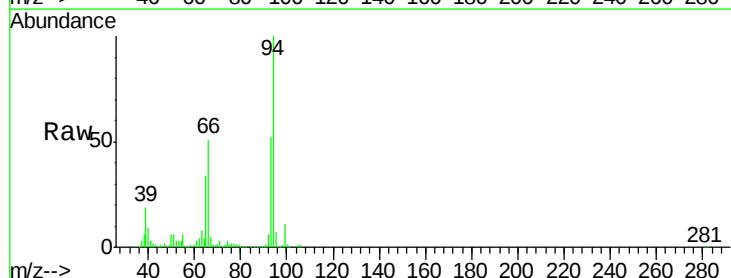
Tgt Ion: 94 Resp: 441641

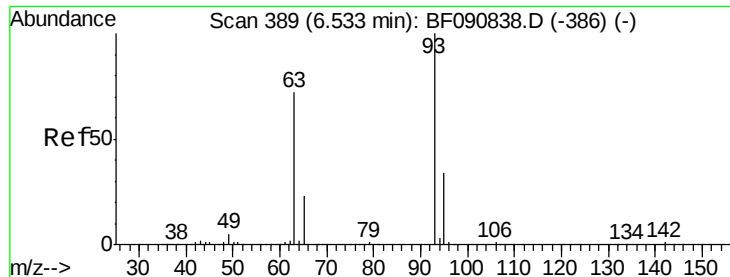
Ion Ratio Lower Upper

94 100

65 33.6 0.7 40.7

66 50.9 0.8 40.8#

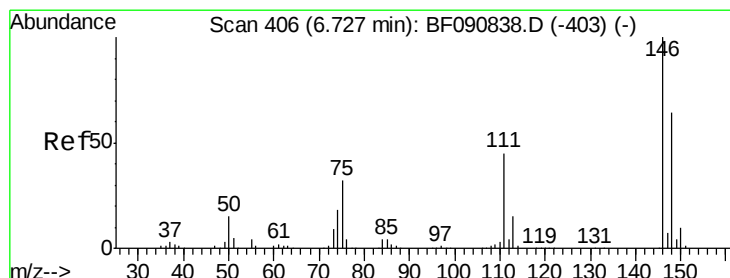
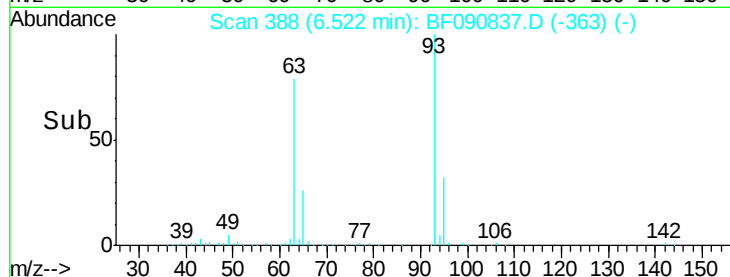
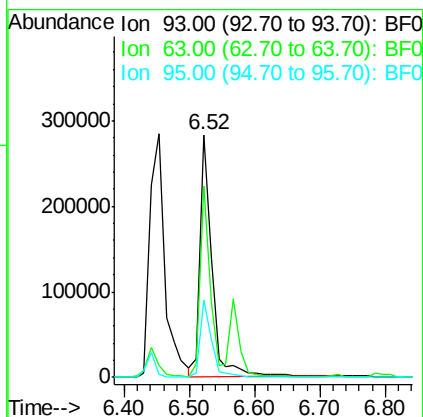
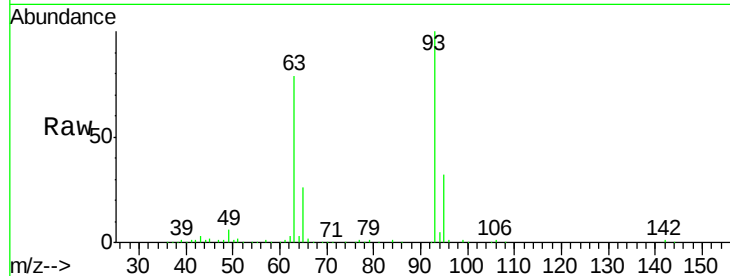




#11
bis(2-Chloroethyl)ether
Concen: 23.89 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

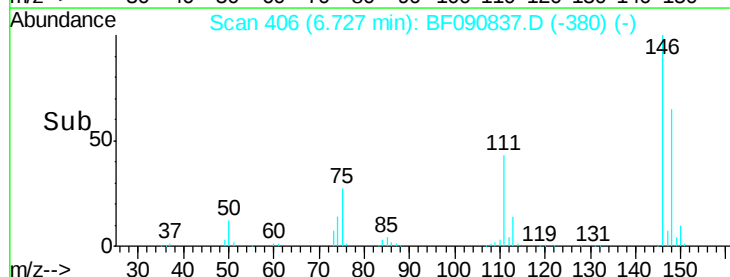
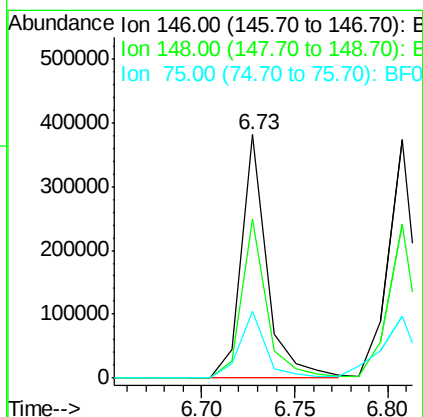
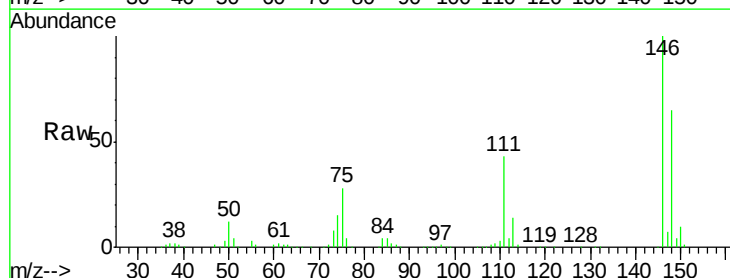
Instrument :
BNA_F
ClientSampleId :

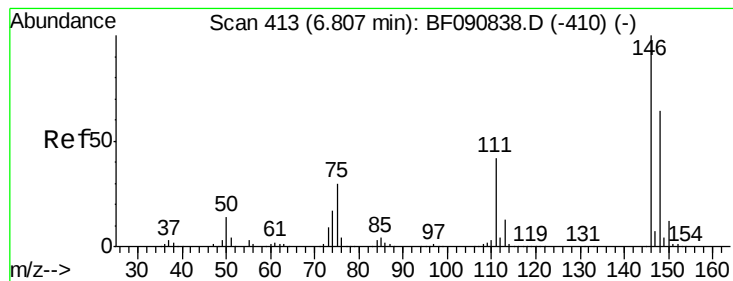
Tot Ion: 93 Resp: 354562
Ion Ratio Lower Upper
93 100
63 78.8 65.6 105.6
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 26.15 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion: 146 Resp: 365733
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.4
75 27.7 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 26.09 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

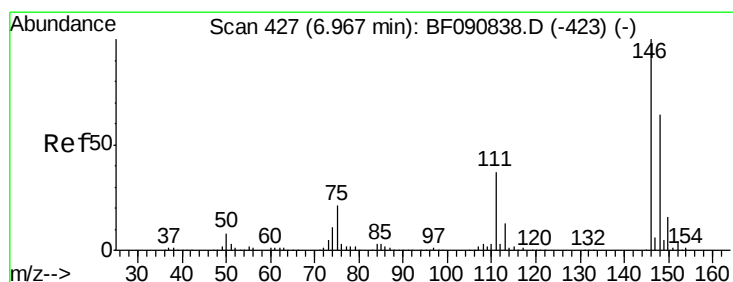
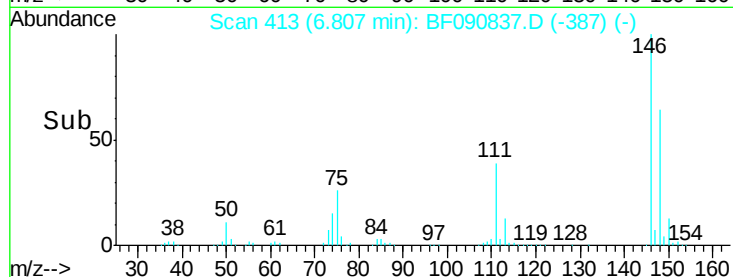
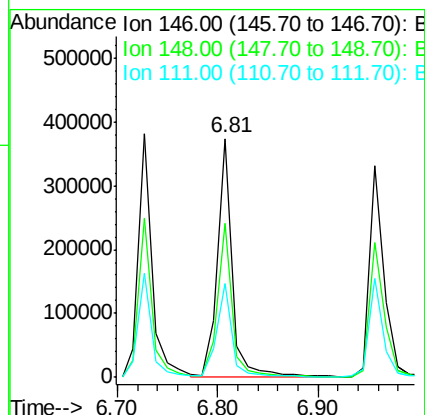
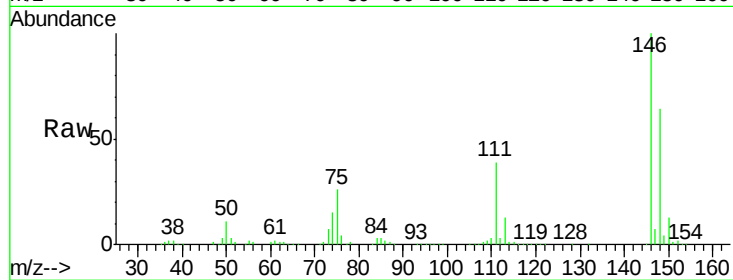
Tot Ion:146 Resp: 387053

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

111 39.4 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 26.93 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.16 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

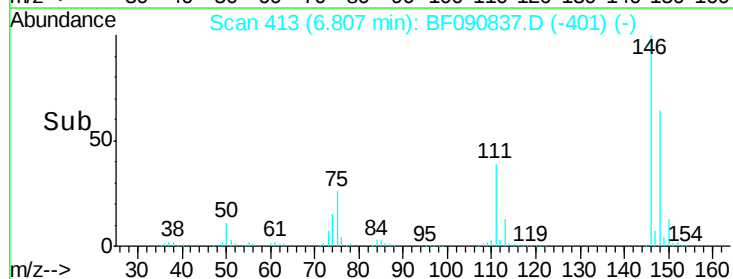
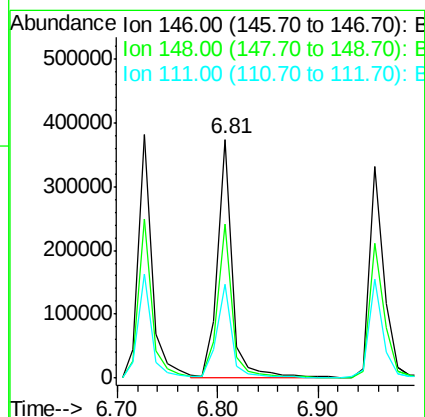
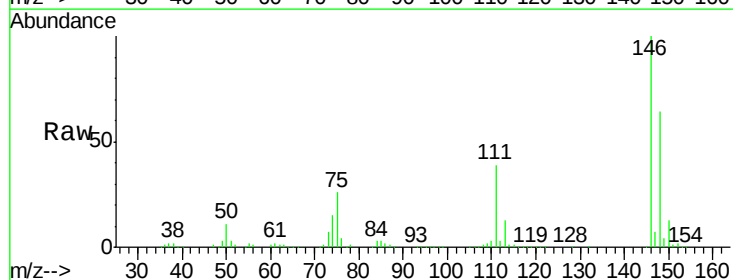
Tgt Ion:146 Resp: 391211

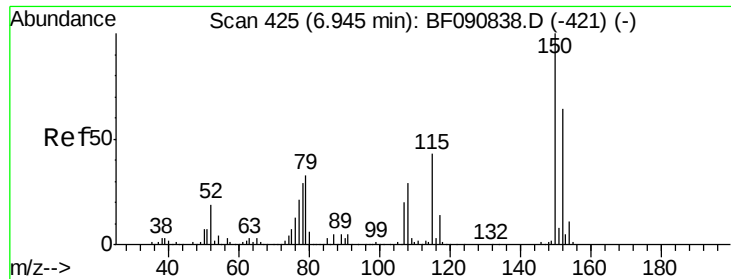
Ion Ratio Lower Upper

146 100

148 64.3 52.7 79.1

111 39.4 28.8 43.2





#15

Benzyl Alcohol

Concen: 24.62 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

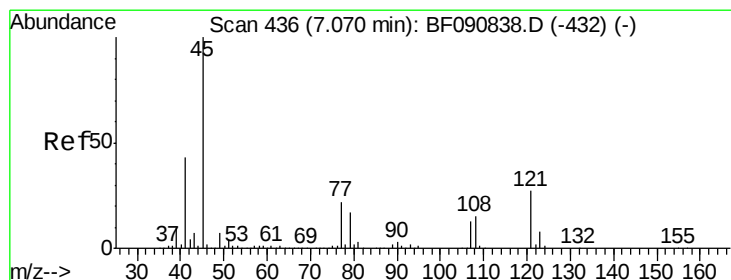
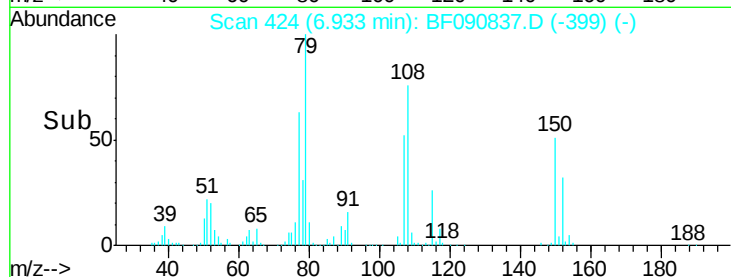
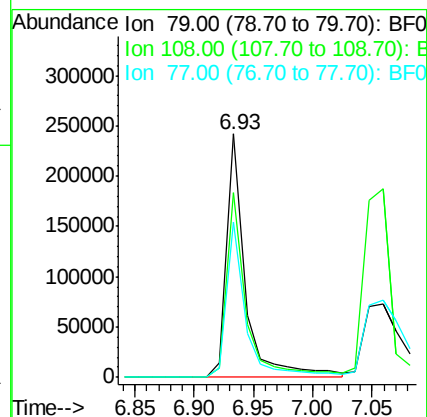
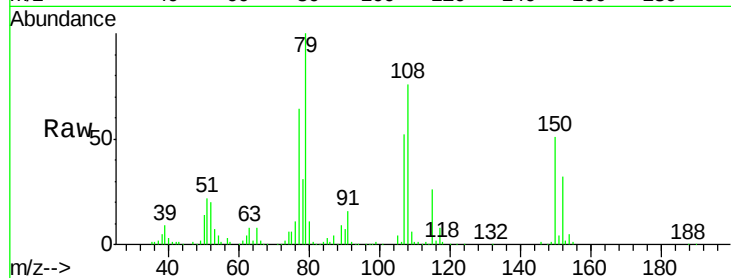
Tot Ion: 79 Resp: 262754

Ion Ratio Lower Upper

79 100

108 75.8 88.6 132.8#

77 63.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.23 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

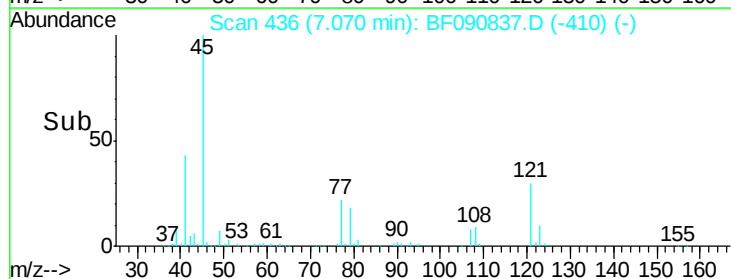
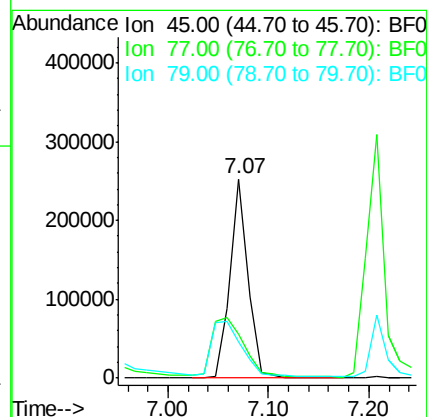
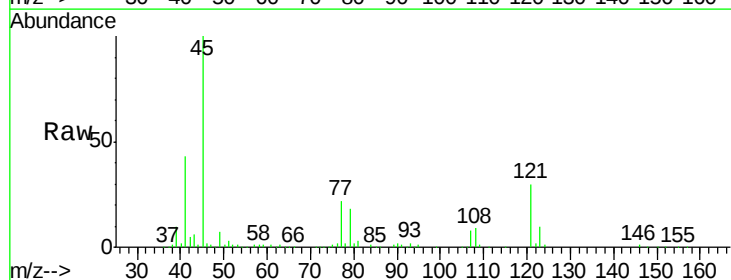
Tgt Ion: 45 Resp: 316208

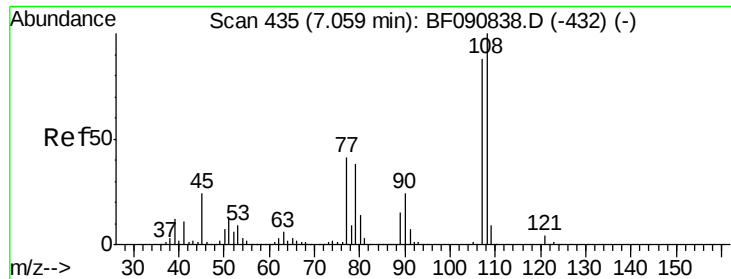
Ion Ratio Lower Upper

45 100

77 22.3 0.0 28.1

79 18.0 0.0 26.0

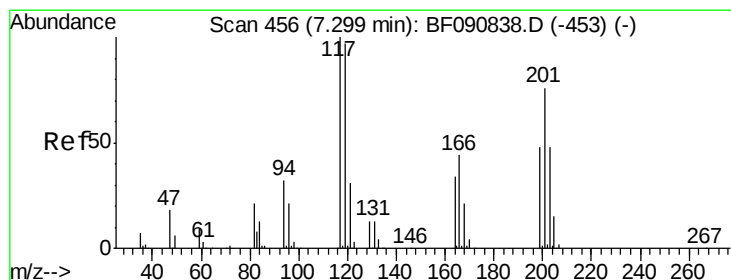
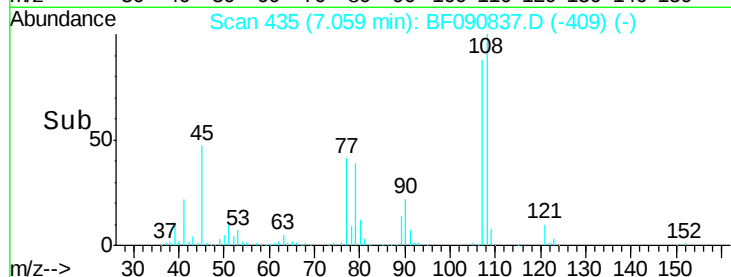
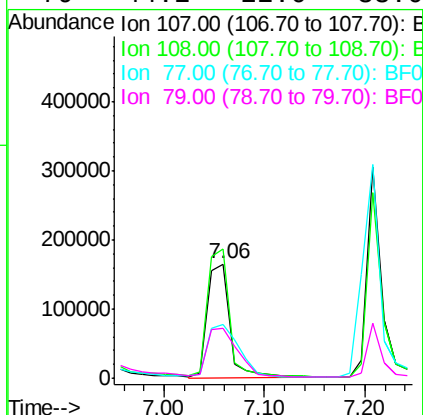
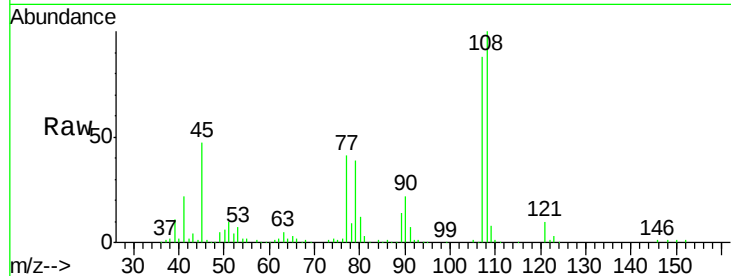




#17
2-Methylphenol
Concen: 24.39 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

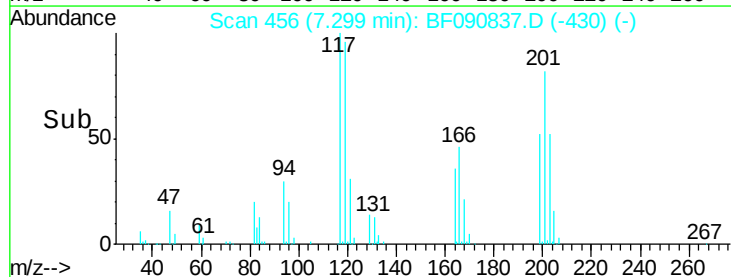
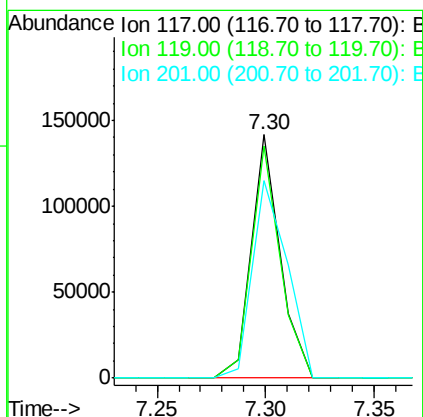
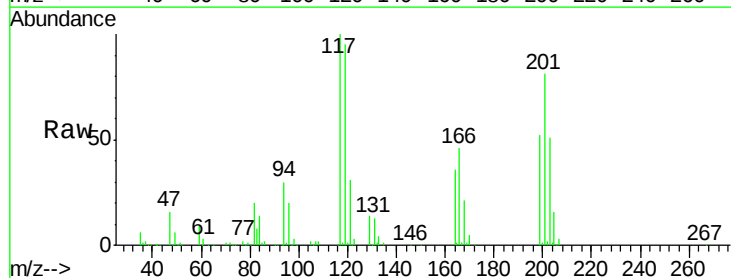
Instrument :
BNA_F
ClientSampleId :

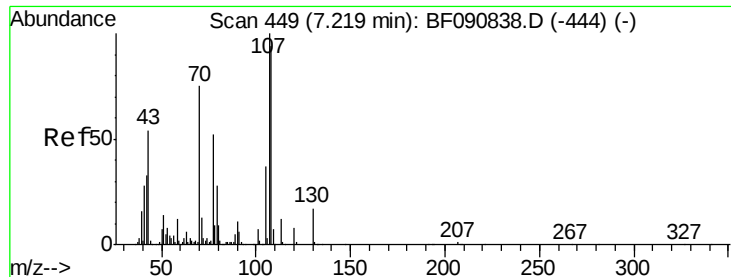
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	96.6	145.0
77	46.9	23.3	34.9
79	44.2	22.0	33.0



#18
Hexachloroethane
Concen: 21.62 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	83.8	125.6
201	81.4	55.1	82.7

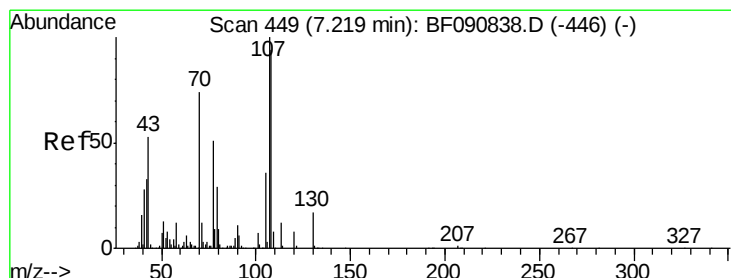
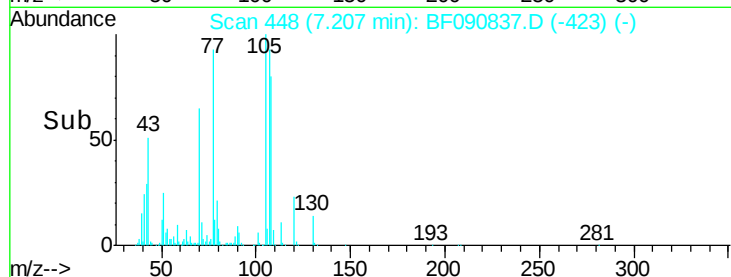
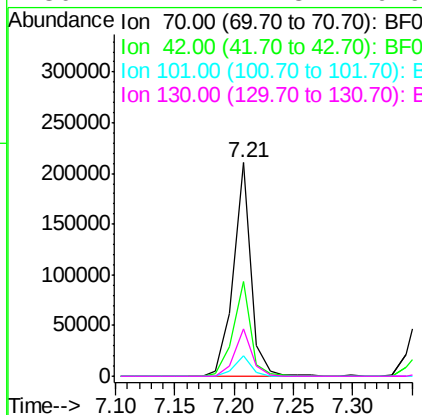
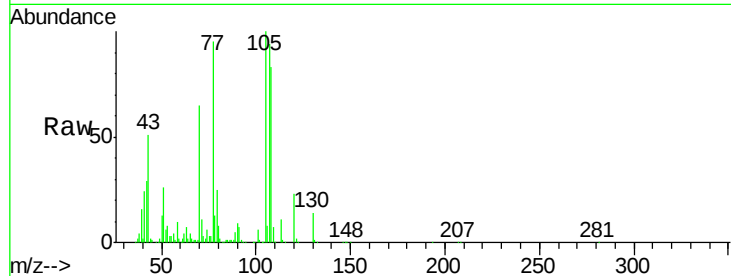




#19
n-Nitroso-di-n-propylamine
Concen: 18.64 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

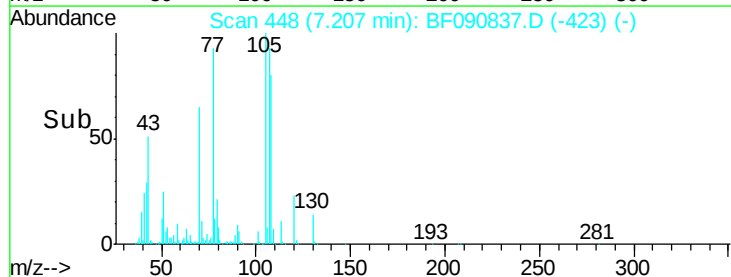
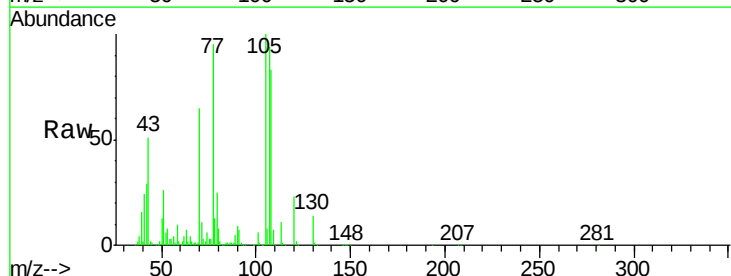
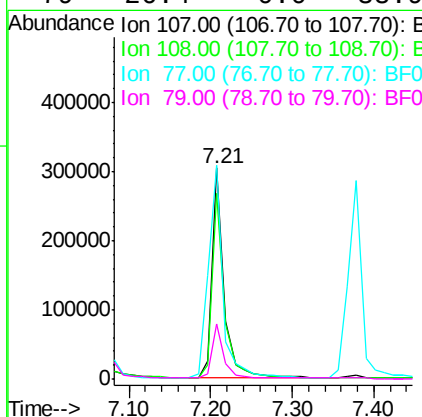
Instrument :
BNA_F
ClientSampleId :

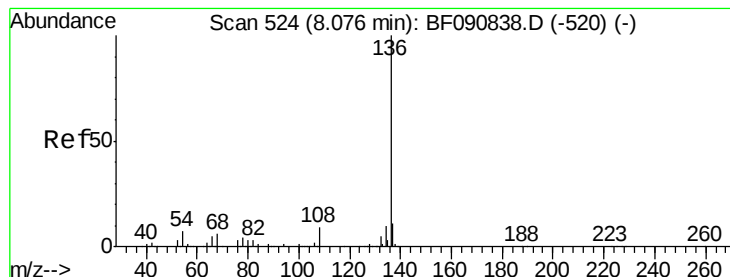
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.2	63.8	95.6#	
101	9.7	9.2	13.8	
130	22.2	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 25.44 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	74.6	114.6	
77	101.3	0.7	40.7#	
79	26.4	0.0	38.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF090837.D

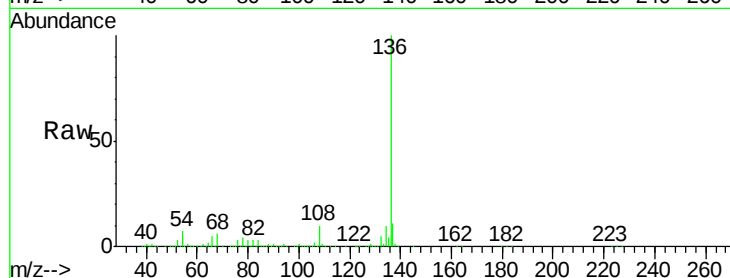
Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	811039
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	6.7	8.2 12.2#
68	6.4	5.8 8.6



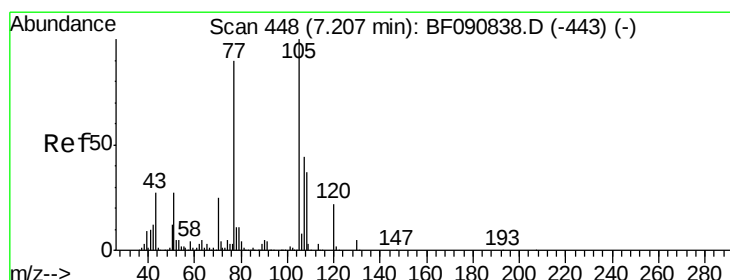
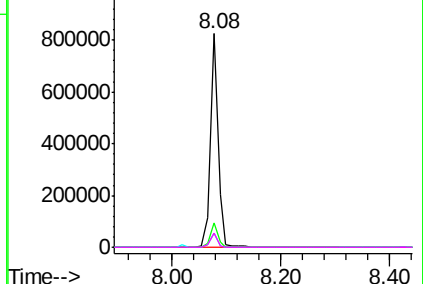
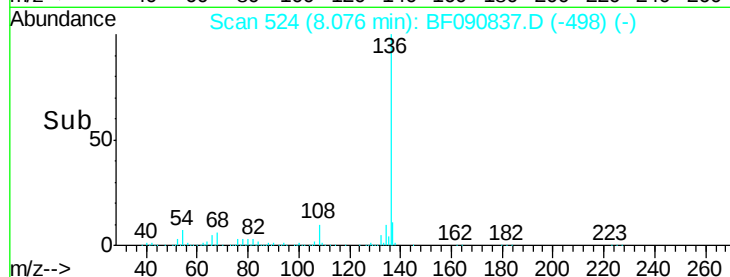
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 23.63 ng

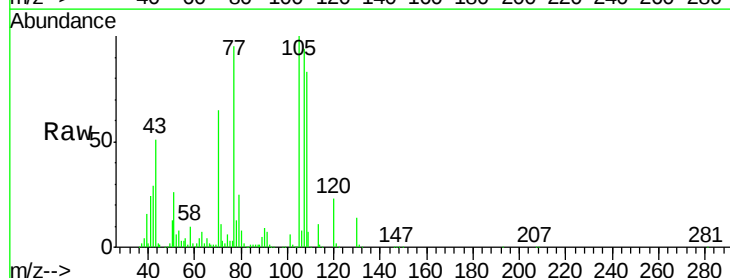
RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:105	Resp:	427089
Ion Ratio	Lower	Upper
105	100	
71	10.9	4.7 7.1#
51	26.1	22.0 33.0
120	22.6	30.1 45.1#



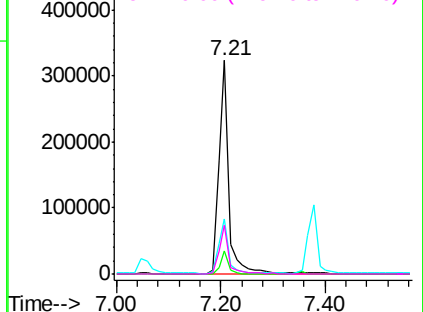
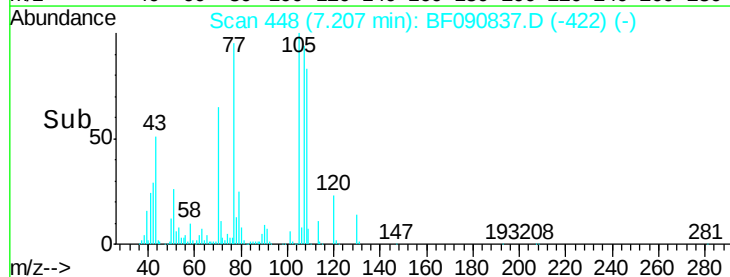
Abundance

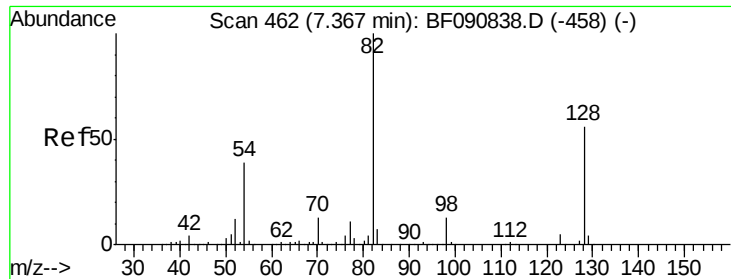
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 41.25 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

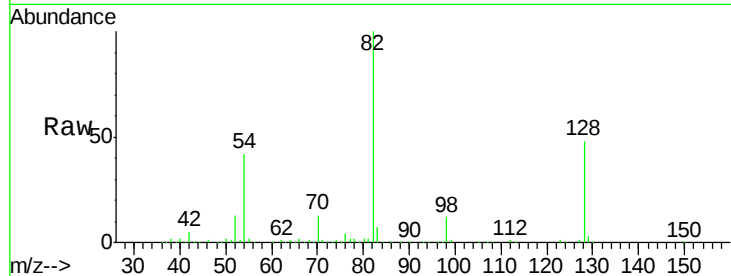
Tot Ion: 82 Resp: 609941

Ion Ratio Lower Upper

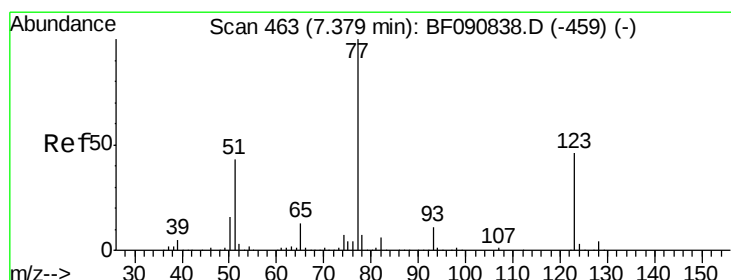
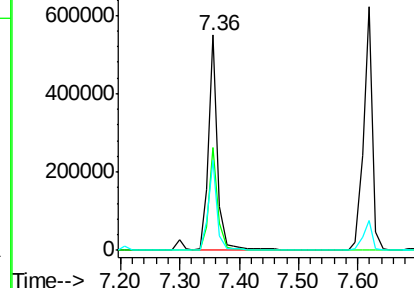
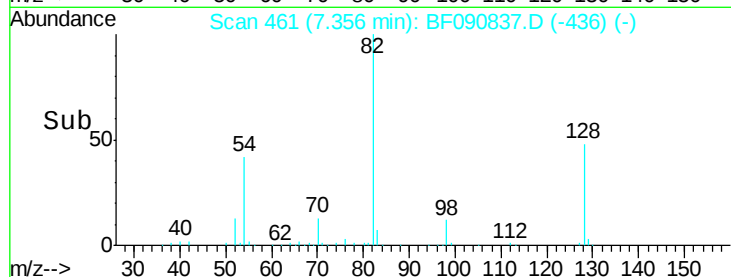
82 100

128 47.7 51.0 76.6#

54 42.1 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: 21.15 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

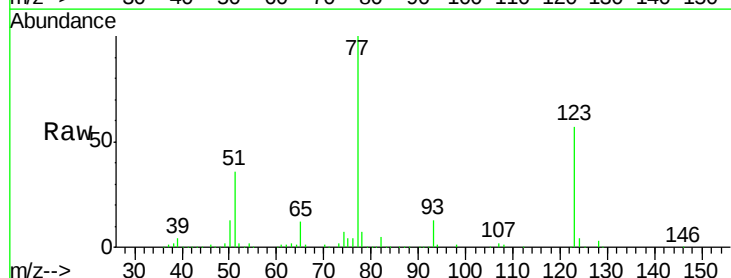
Tgt Ion: 77 Resp: 339114

Ion Ratio Lower Upper

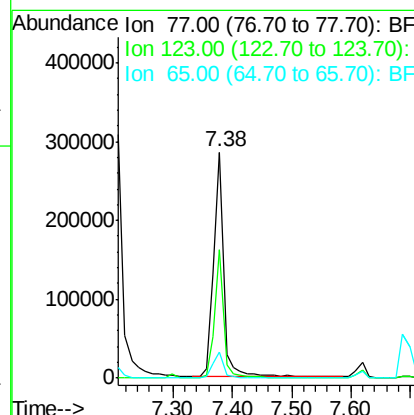
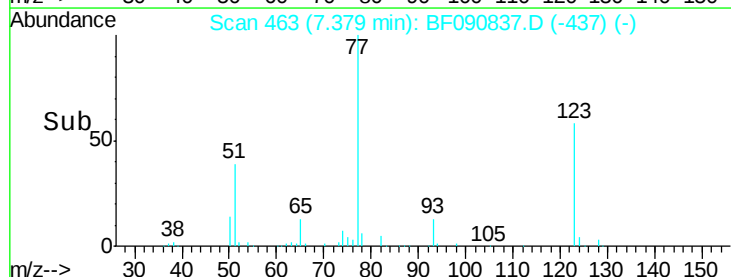
77 100

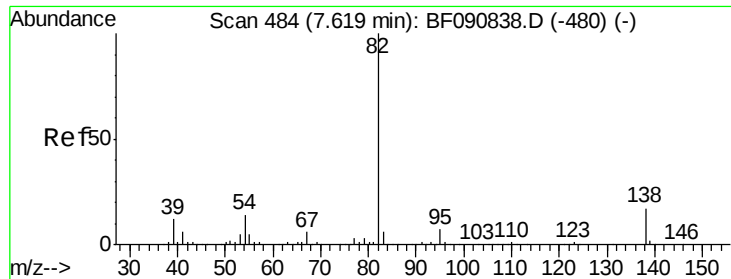
123 57.1 59.8 89.8#

65 11.7 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: 22.80 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

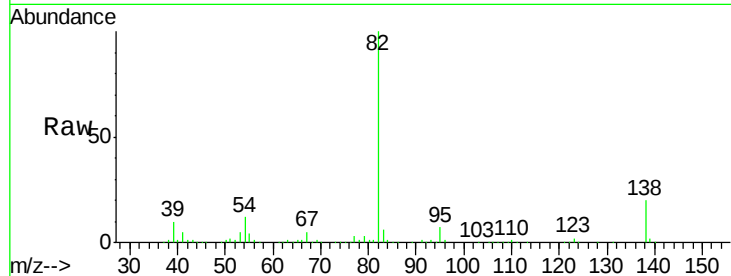
Tot Ion: 82 Resp: 638337

Ion Ratio Lower Upper

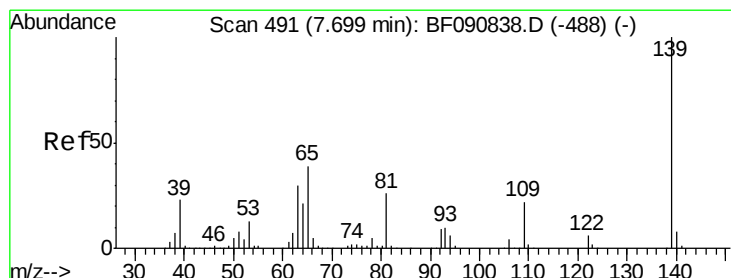
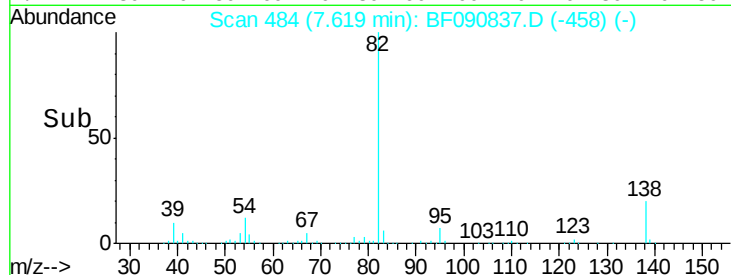
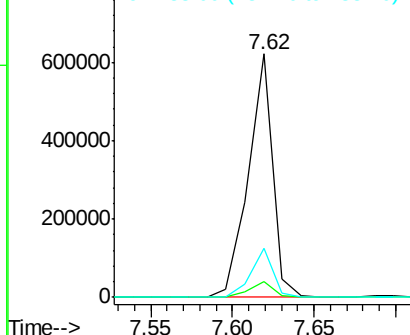
82 100

95 6.7 4.0 6.0#

138 19.9 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.06 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

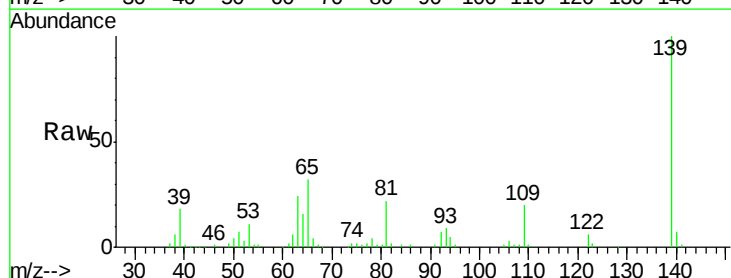
Tgt Ion: 139 Resp: 183756

Ion Ratio Lower Upper

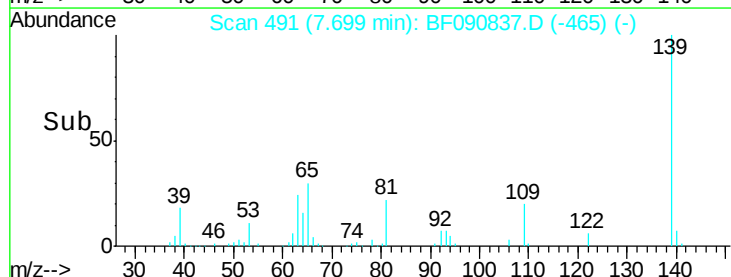
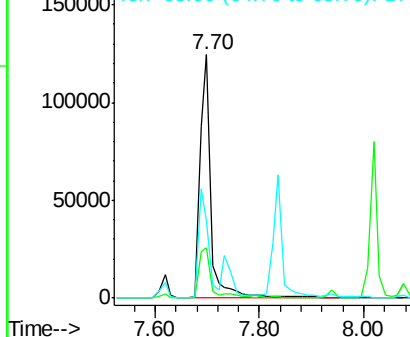
139 100

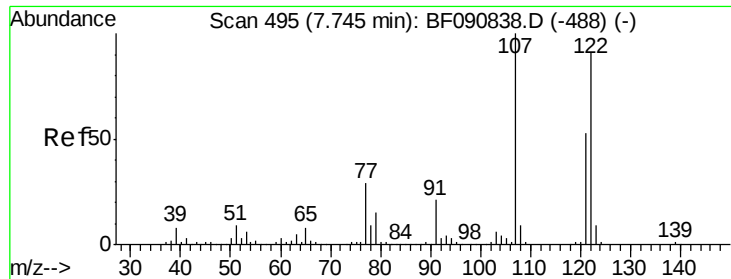
109 20.4 11.0 16.4#

65 31.8 24.7 37.1



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

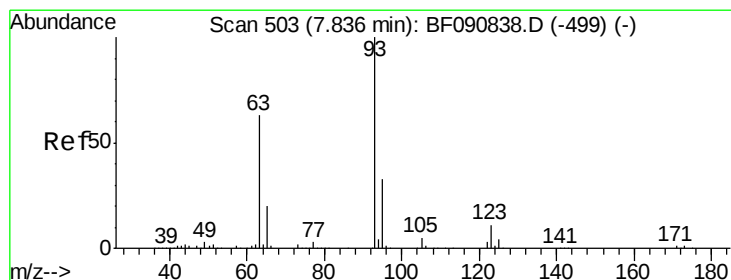
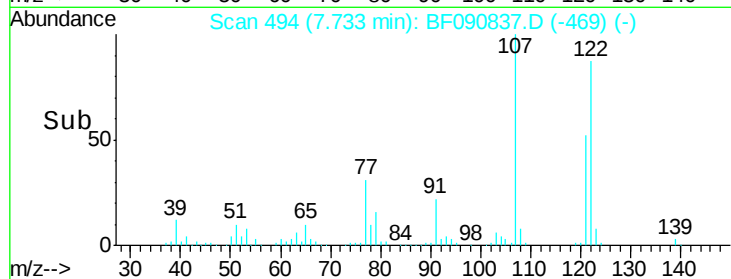
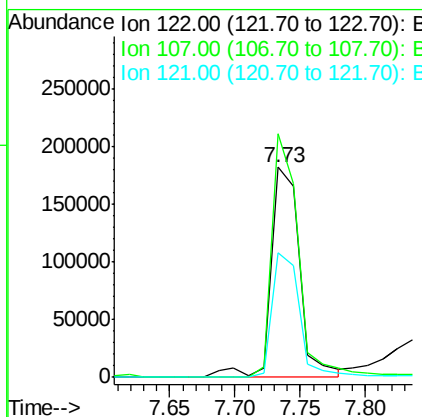
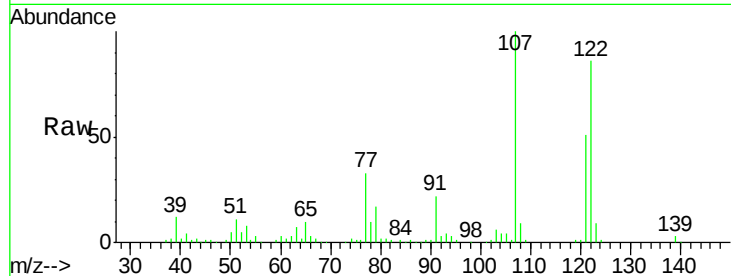




#27
 2,4-Dimethylphenol
 Concen: 24.11 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

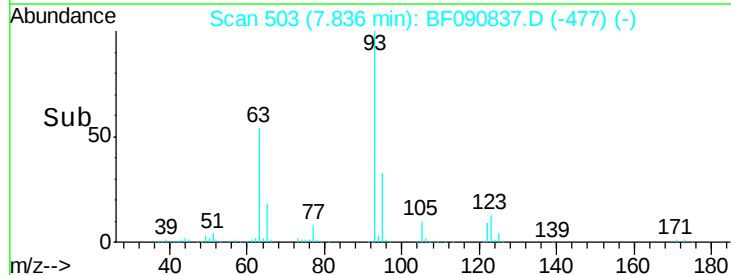
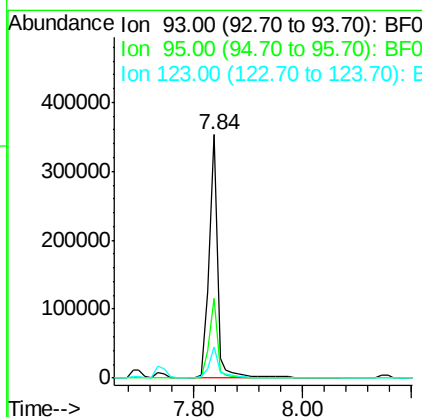
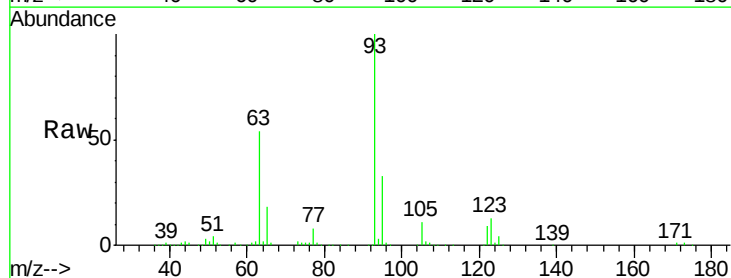
Instrument :
 BNA_F
 ClientSampled :

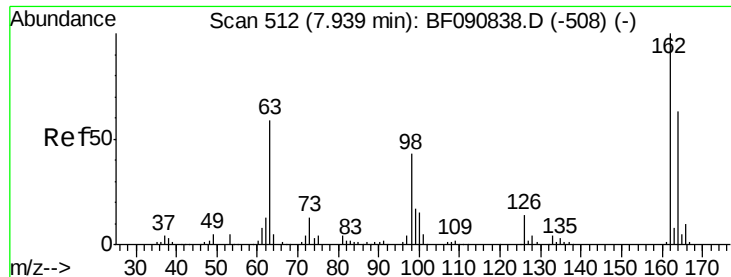
Tot Ion:122 Resp: 279984
 Ion Ratio Lower Upper
 122 100
 107 116.1 71.8 107.6#
 121 59.5 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.64 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion: 93 Resp: 377372
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 12.9 13.7 20.5#

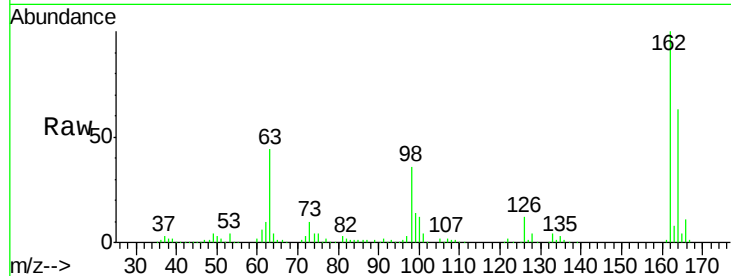




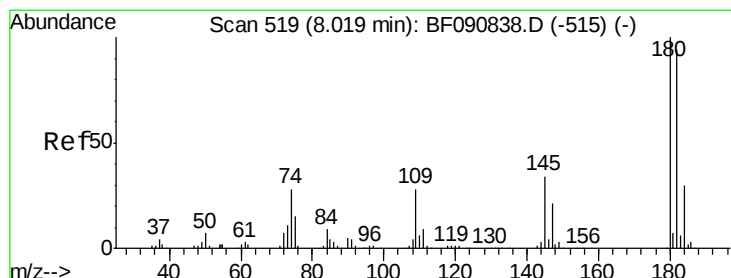
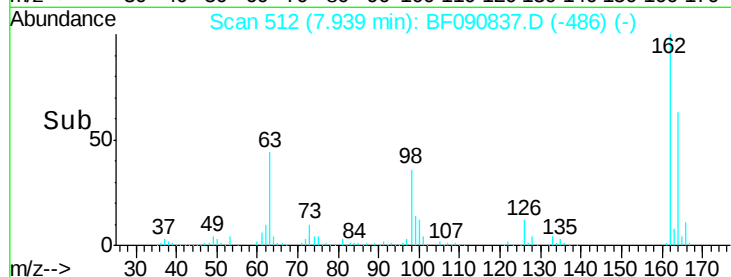
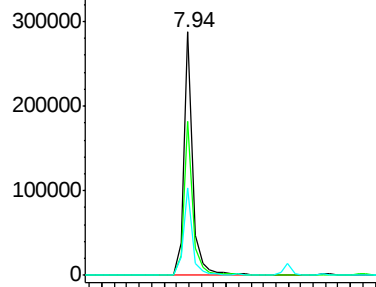
#29
 2,4-Dichlorophenol
 Concen: 29.82 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.9	84.9
98	35.8	13.0	53.0

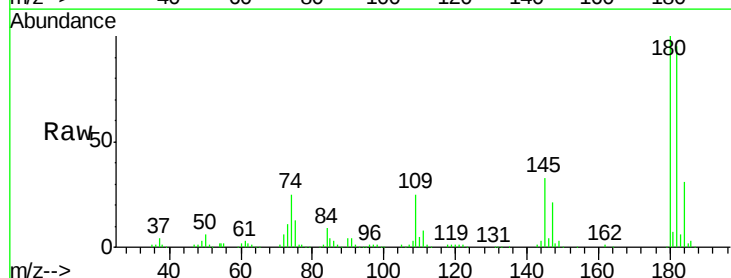


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

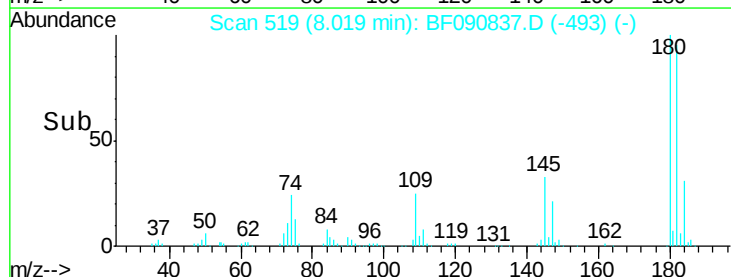
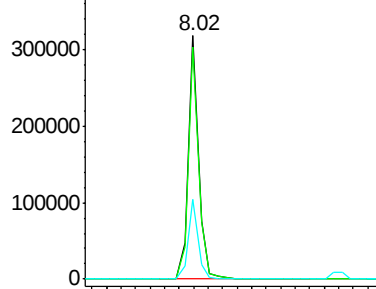


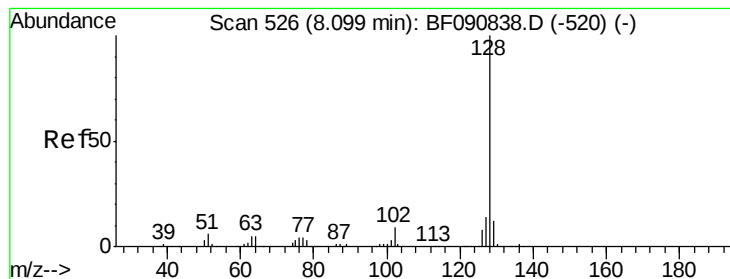
#30
 1,2,4-Trichlorobenzene
 Concen: 28.17 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
145	32.6	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: 25.25 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

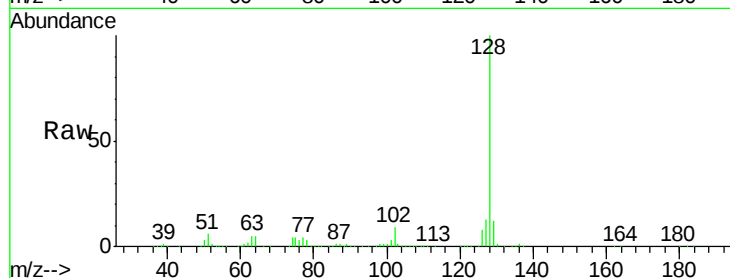
Tot Ion:128 Resp: 1001588

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

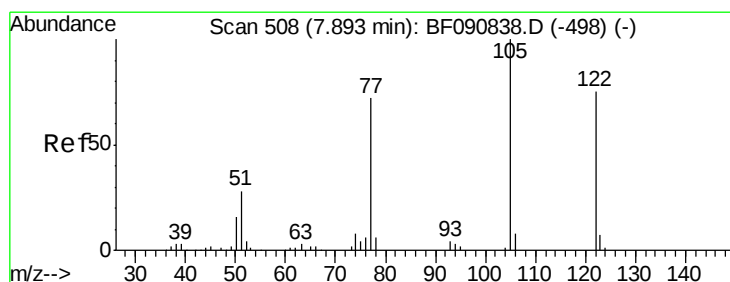
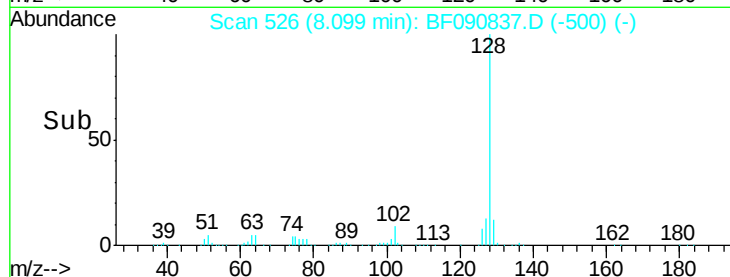
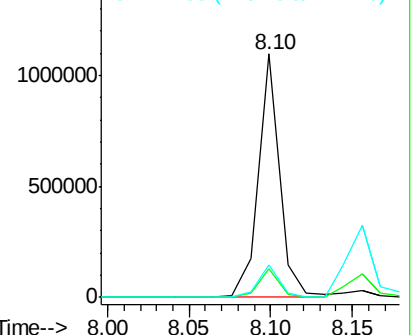
127 13.3 9.9 14.9



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: 27.26 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

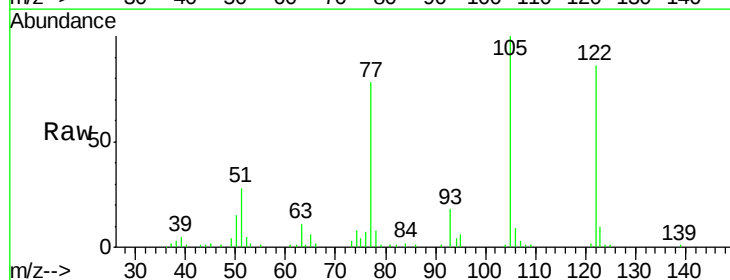
Tgt Ion:122 Resp: 191452

Ion Ratio Lower Upper

122 100

105 115.6 76.1 116.1

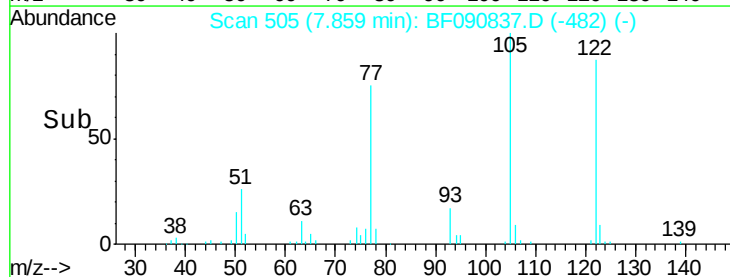
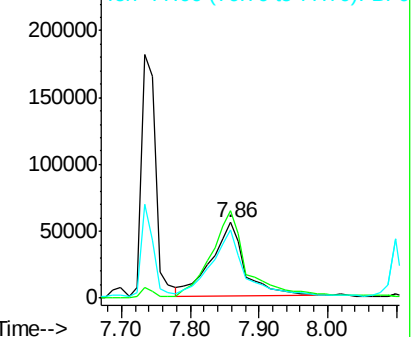
77 89.6 40.5 80.5#

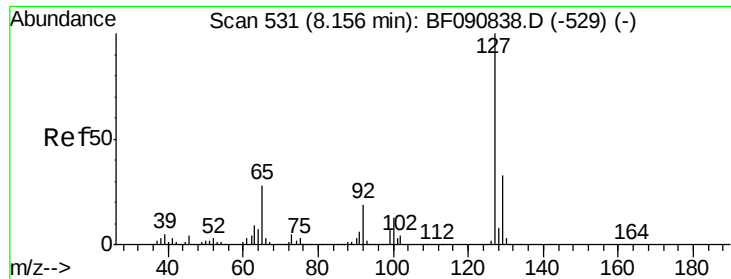


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

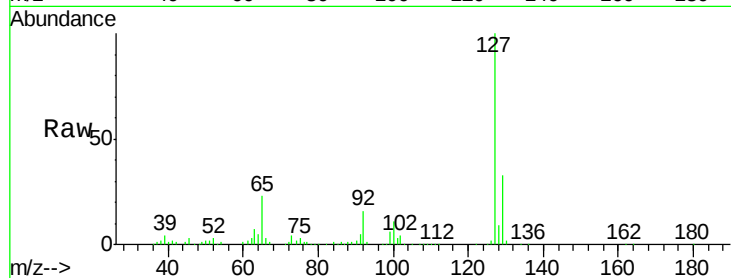




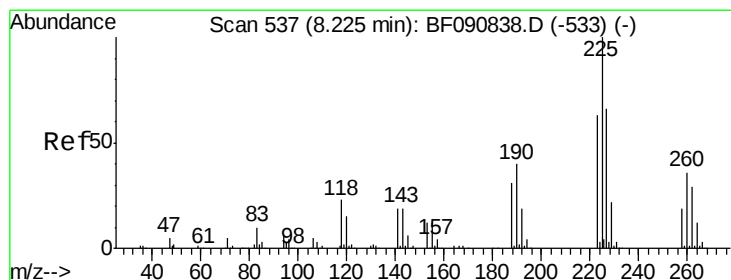
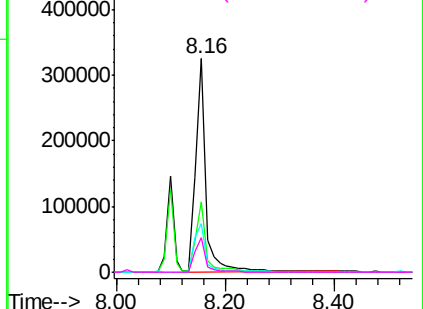
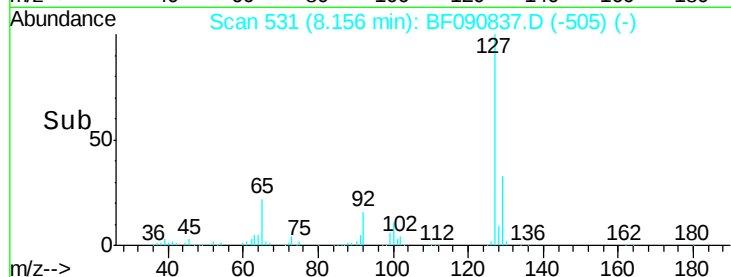
#33
4-Chloroaniline
Concen: 28.14 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	414045
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.8 38.6
65	22.9	17.9 26.9
92	16.4	10.5 15.7#

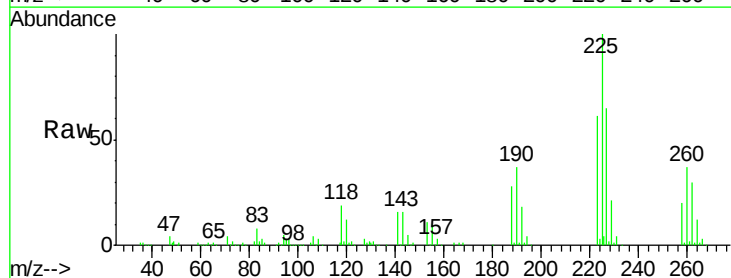


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

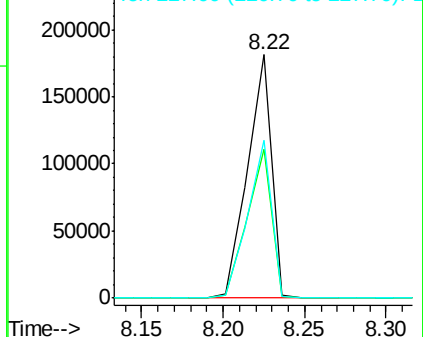
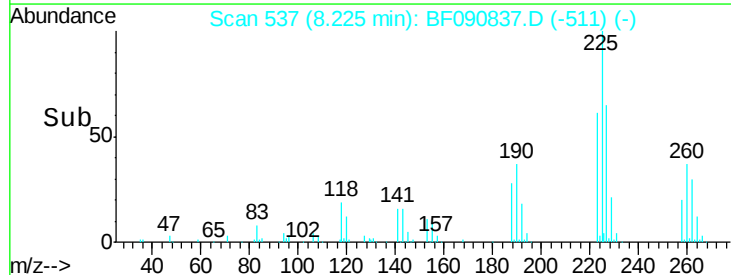


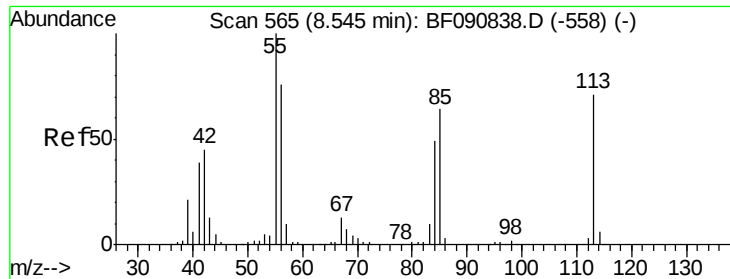
#34
Hexachlorobutadiene
Concen: 29.30 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:225	Resp:	184799
Ion Ratio	Lower	Upper
225	100	
223	61.1	50.2 75.2
227	65.0	52.2 78.2



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





#35

Caprolactam

Concen: 31.30 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

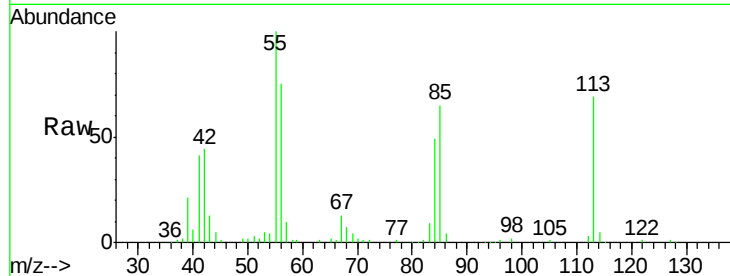
Tot Ion:113 Resp: 85197

Ion Ratio Lower Upper

113 100

55 144.6 152.4 192.4#

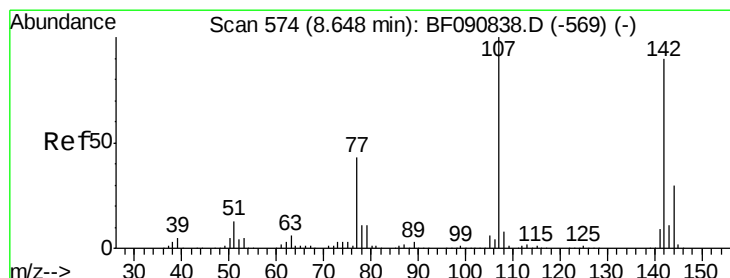
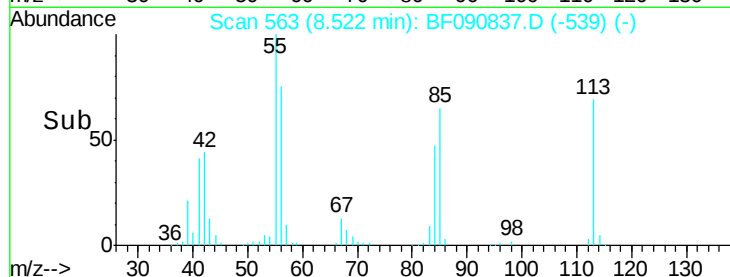
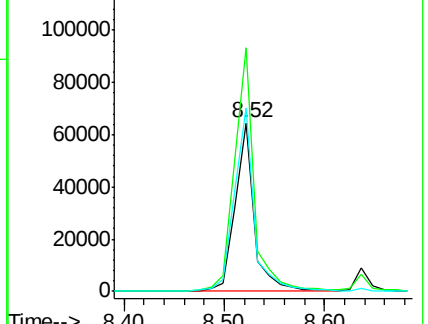
56 108.6 104.6 144.6



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: 28.09 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

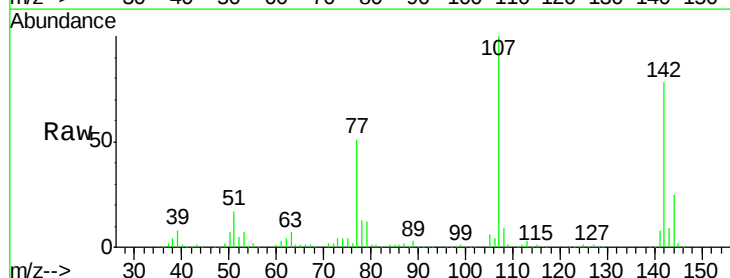
Tgt Ion:107 Resp: 311377

Ion Ratio Lower Upper

107 100

144 25.2 25.4 38.0#

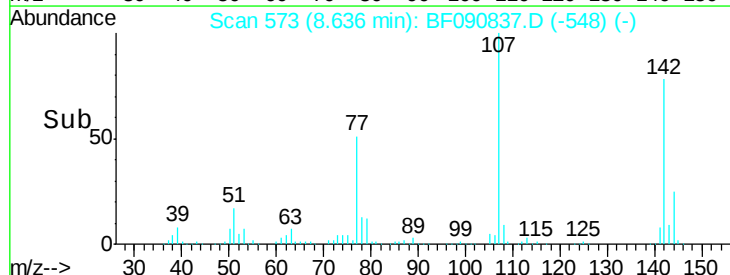
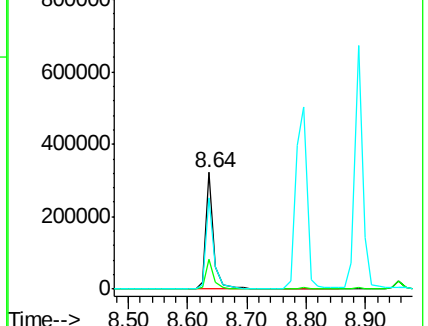
142 78.3 77.3 115.9

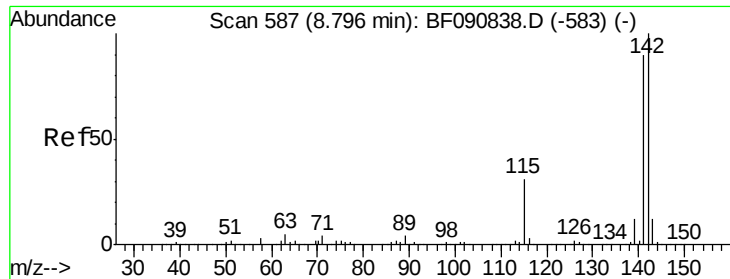


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

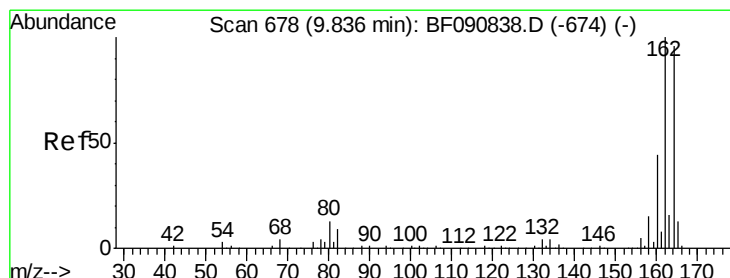
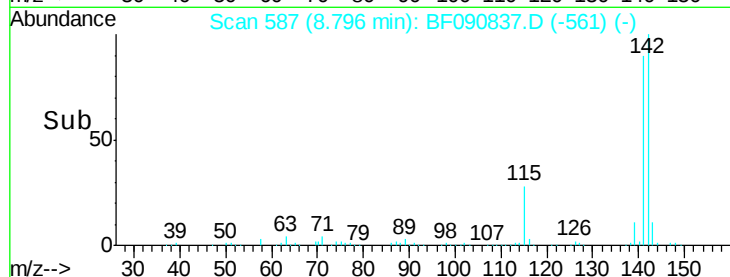
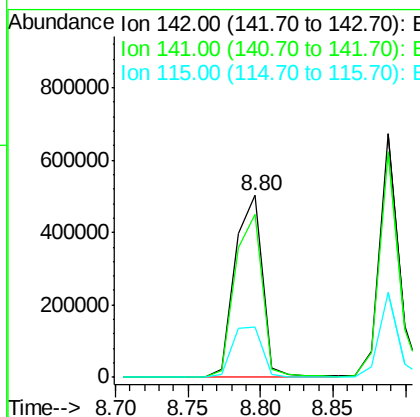
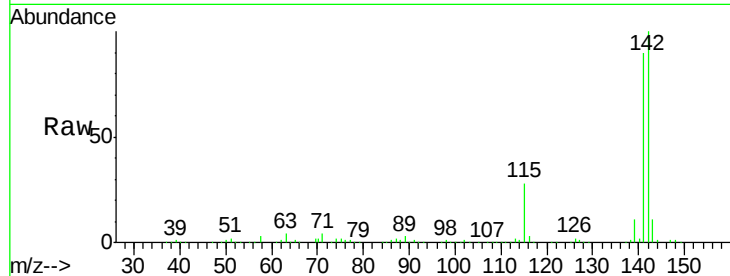




#37
 2-Methylnaphthalene
 Concen: 28.44 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

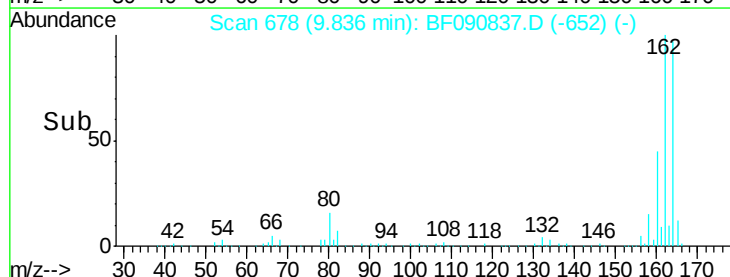
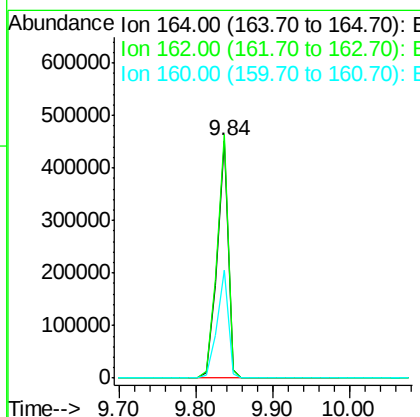
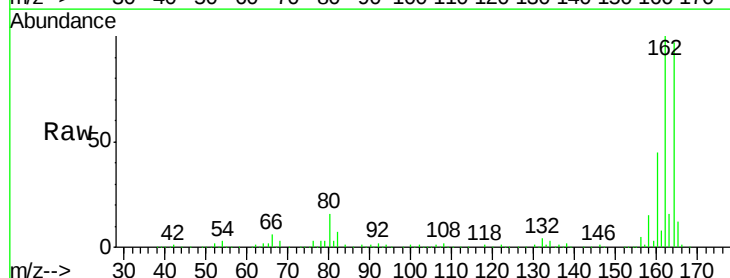
Instrument :
 BNA_F
 ClientSampleId :

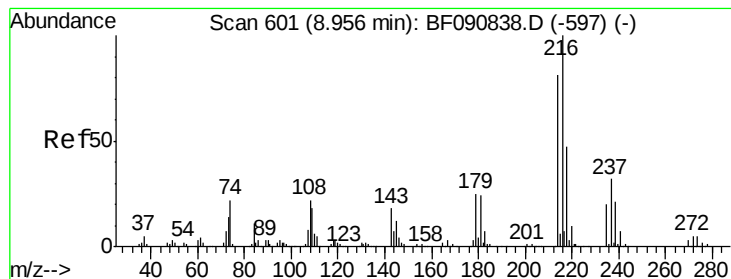
Tot Ion:142 Resp: 659332
 Ion Ratio Lower Upper
 142 100
 141 90.0 67.5 101.3
 115 27.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:164 Resp: 454460
 Ion Ratio Lower Upper
 164 100
 162 102.6 75.2 112.8
 160 45.7 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.82 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 316828

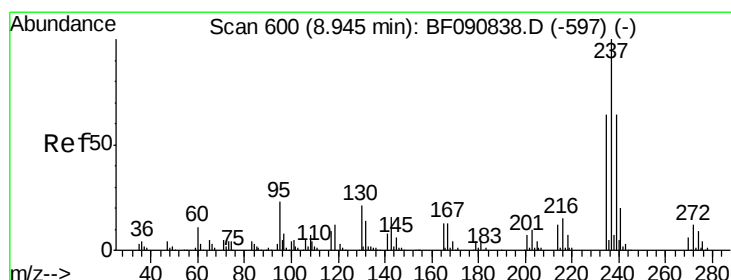
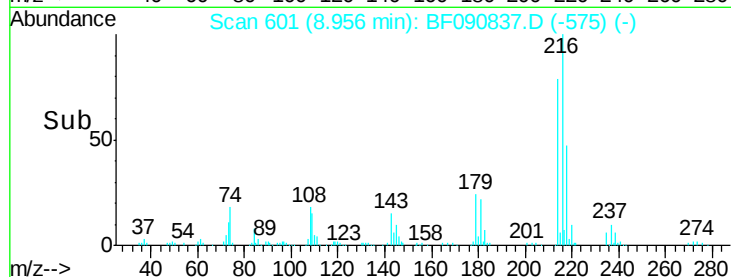
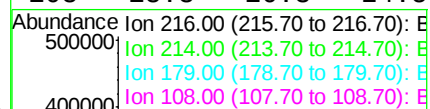
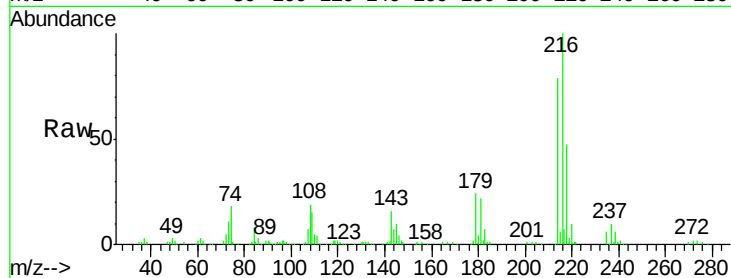
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 21.9 16.6 24.8

108 18.3 16.3 24.5



#40

Hexachlorocyclopentadiene

Concen: 24.05 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

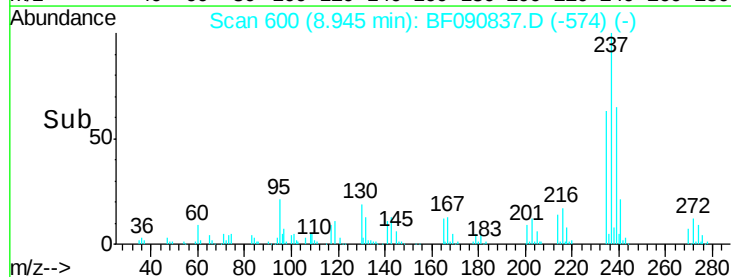
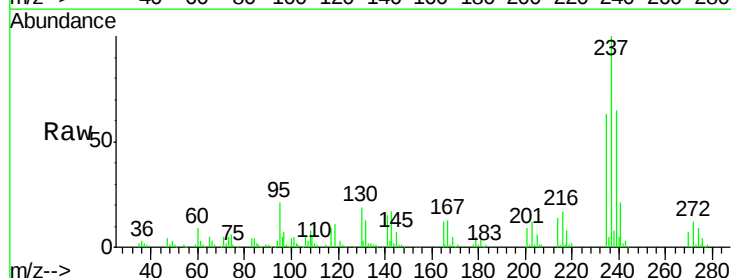
Tgt Ion:237 Resp: 138553

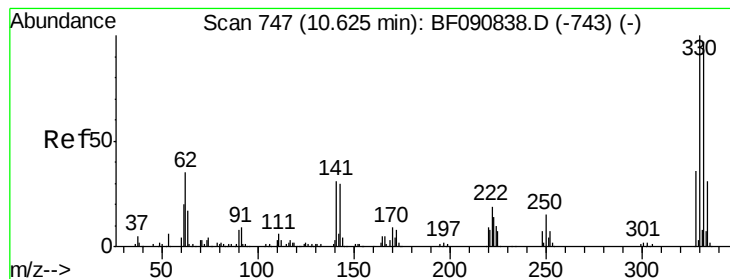
Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

272 12.3 0.0 36.1





#41

2,4,6-Tribromophenol

Concen: 72.41 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

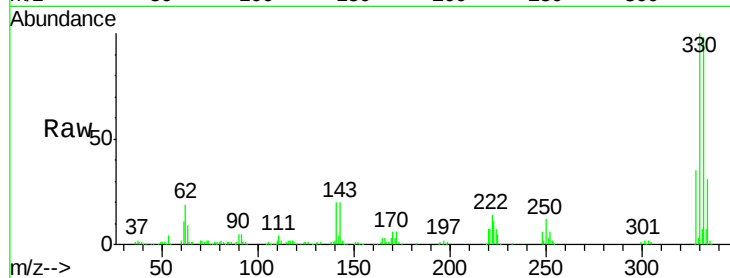
Tot Ion:330 Resp: 260454

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

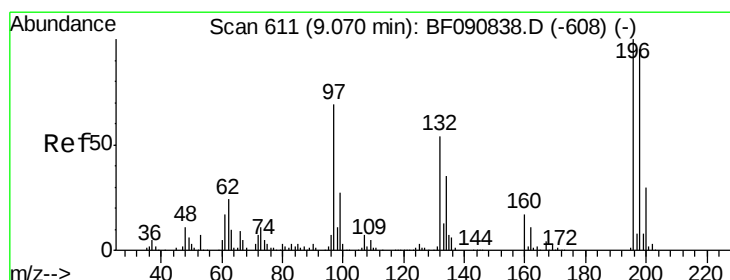
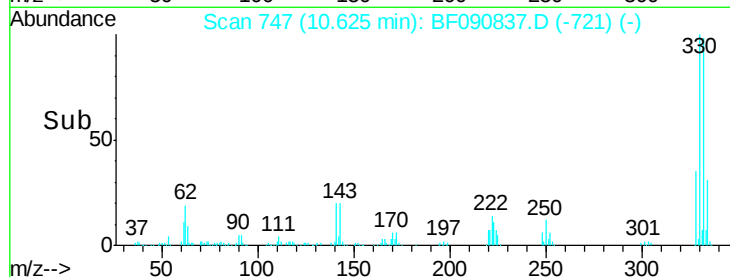
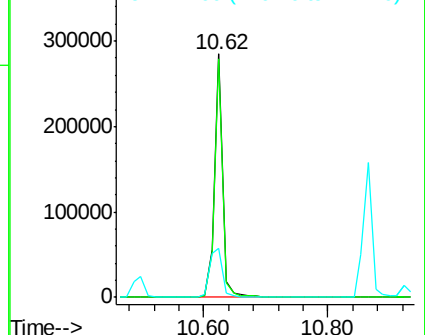
141 33.2 29.7 44.5



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: 27.62 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

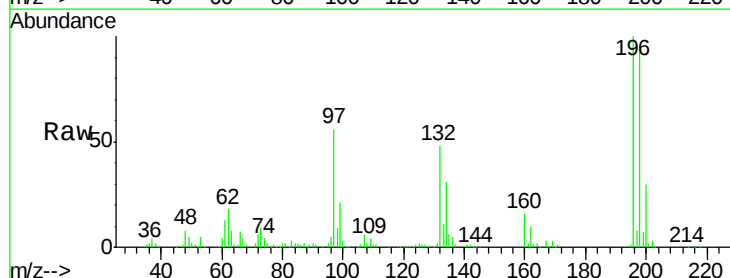
Tgt Ion:196 Resp: 210174

Ion Ratio Lower Upper

196 100

198 94.4 75.7 113.5

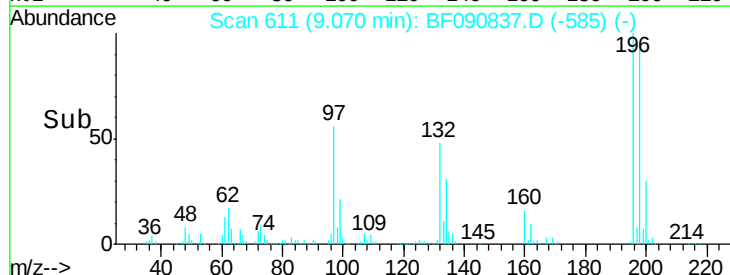
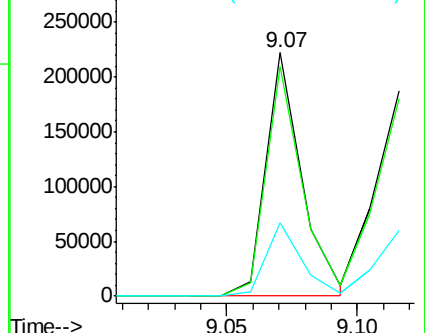
200 30.2 23.9 35.9

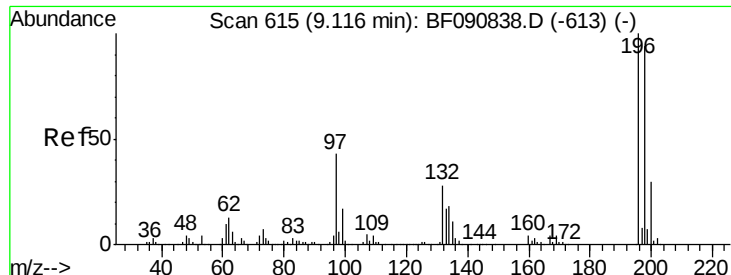


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

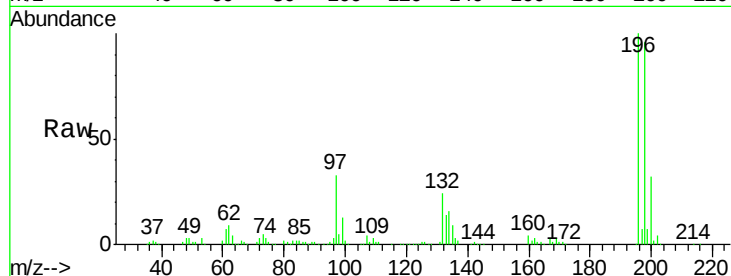




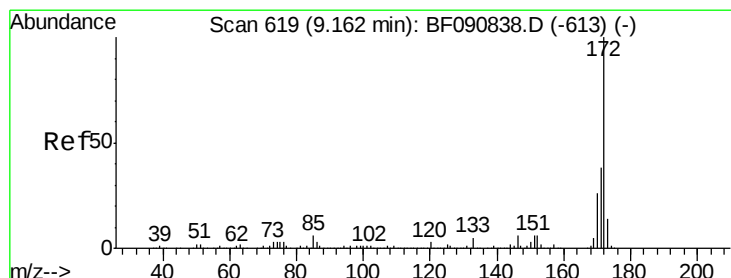
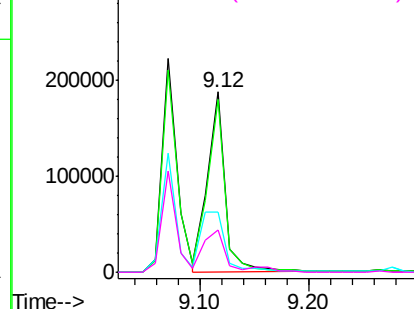
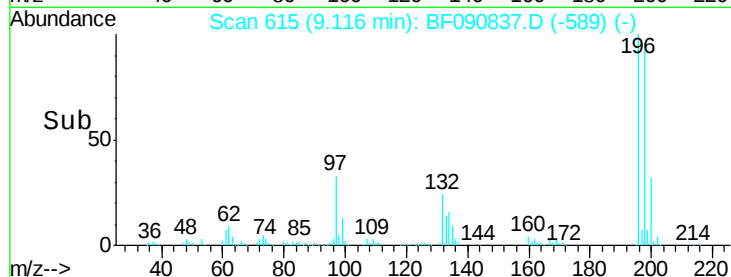
#43
2,4,5-Trichlorophenol
Concen: 27.65 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 213561
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.0
97 33.5 33.3 49.9
132 23.5 24.6 37.0#

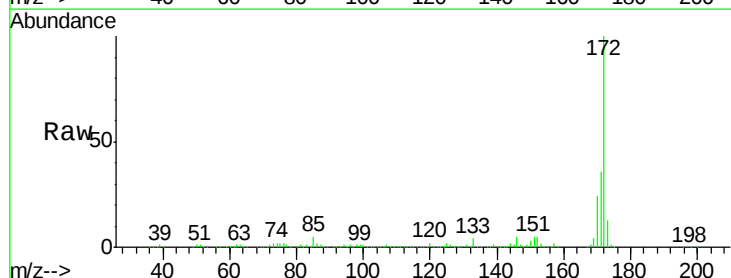


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

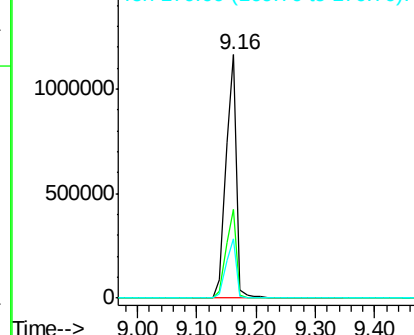
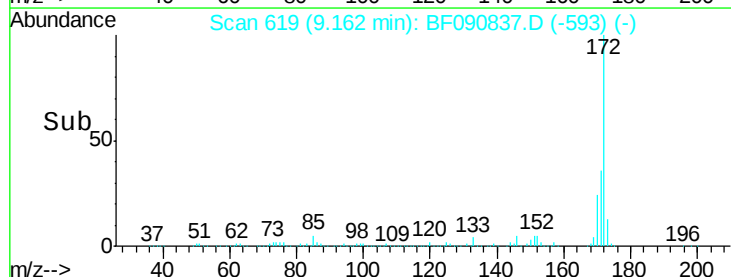


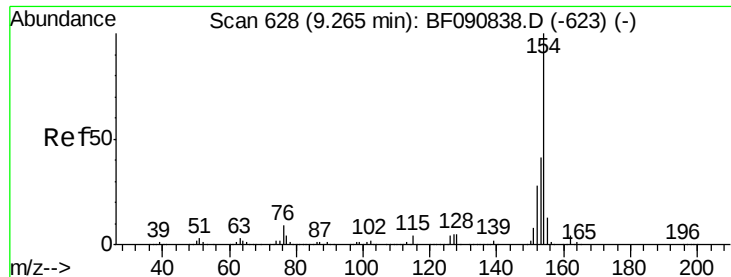
#44
2-Fluorobiphenyl
Concen: 48.81 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:172 Resp: 1428816
Ion Ratio Lower Upper
172 100
171 36.3 26.1 39.1
170 24.3 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

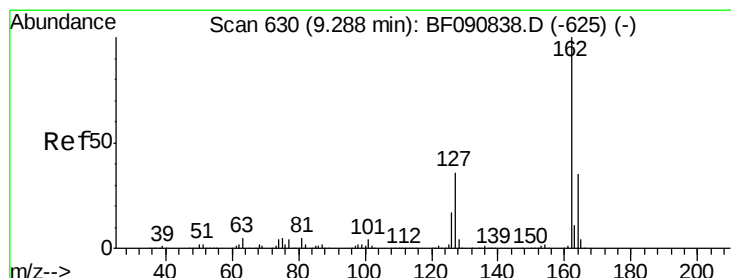
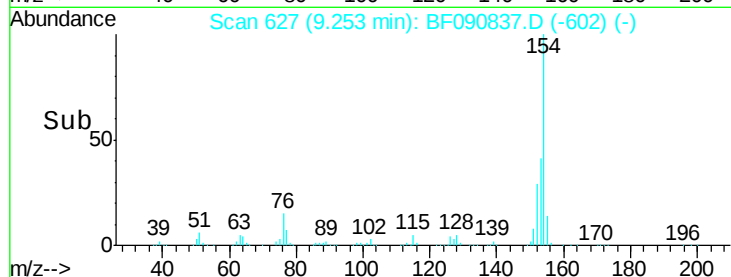
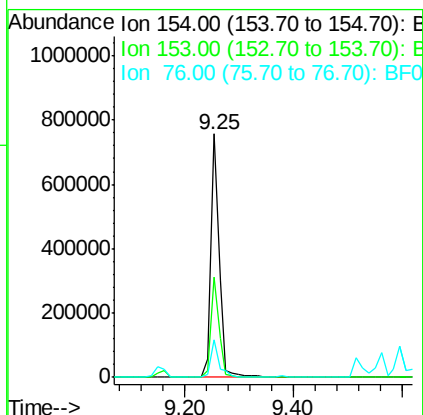
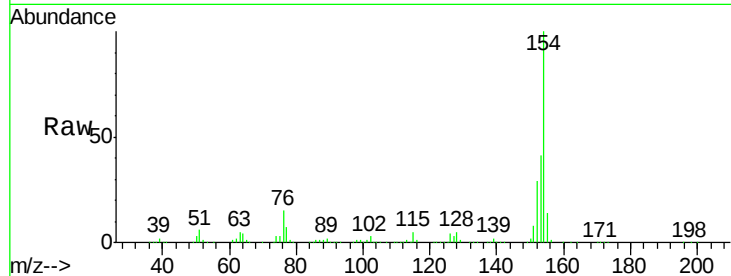




#45
 1,1'-Biphenyl
 Concen: 22.93 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

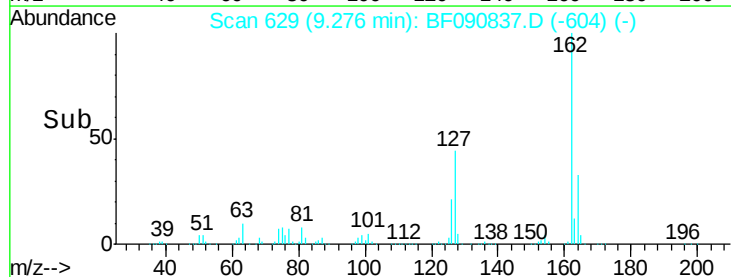
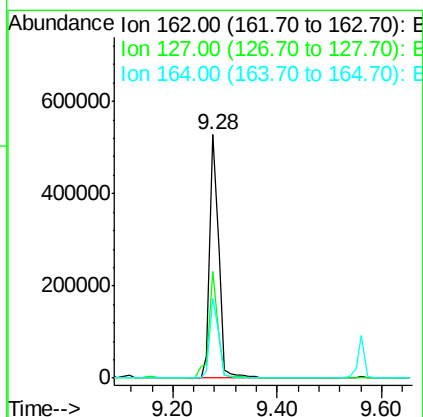
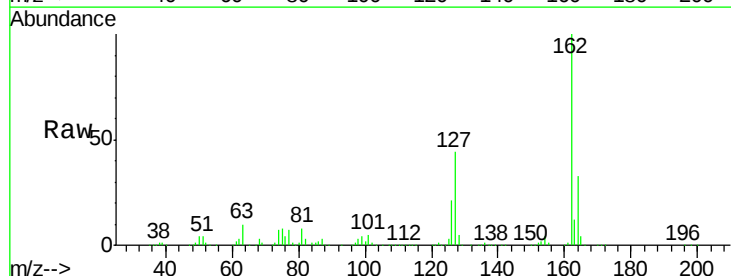
Instrument :
 BNA_F
 ClientSampleID :

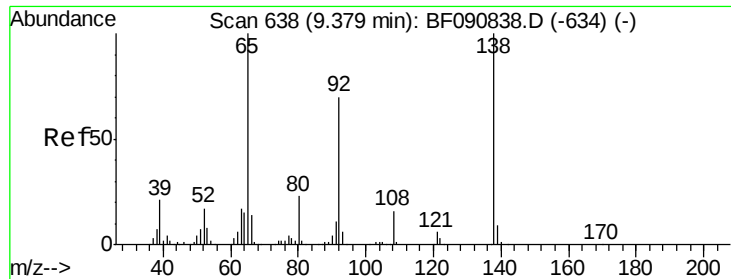
Tot Ion:154 Resp: 818476
 Ion Ratio Lower Upper
 154 100
 153 41.2 17.1 57.1
 76 15.4 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 23.62 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:162 Resp: 626625
 Ion Ratio Lower Upper
 162 100
 127 43.6 27.6 41.4#
 164 32.7 25.4 38.2

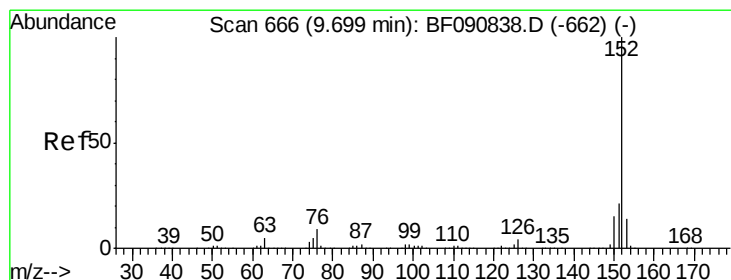
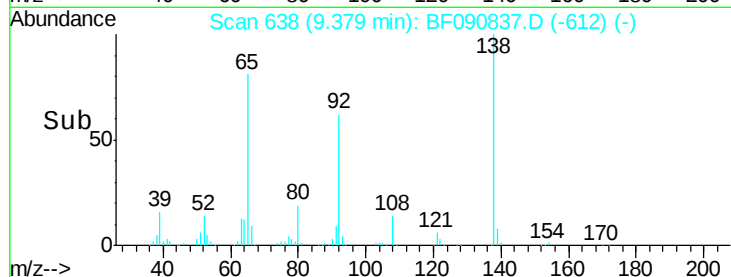
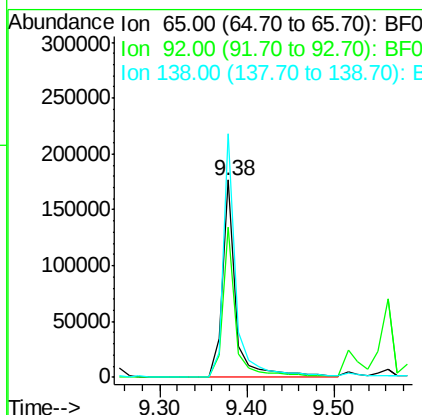
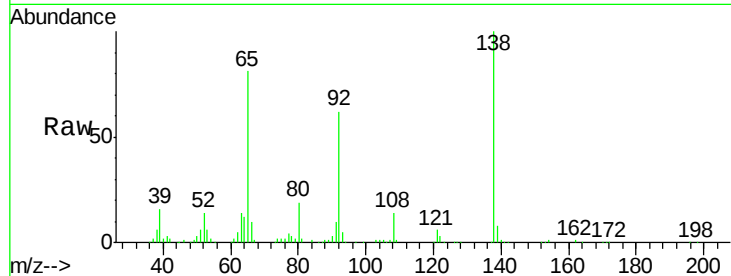




#47
2-Nitroaniline
Concen: 22.07 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

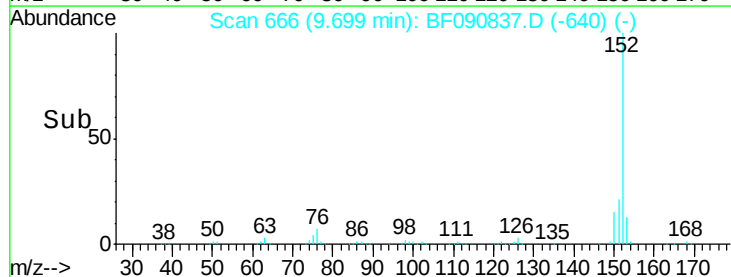
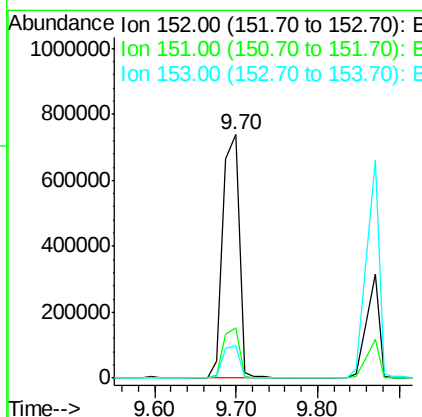
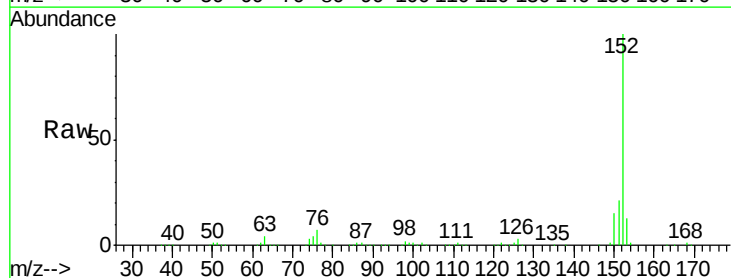
Instrument :
BNA_F
ClientSampled :

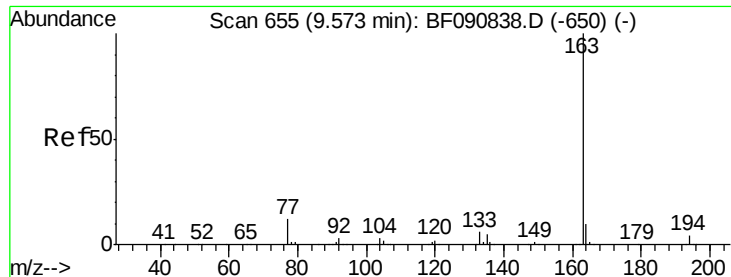
Tot Ion: 65 Resp: 194292
Ion Ratio Lower Upper
65 100
92 76.1 55.4 83.0
138 123.5 115.5 173.3



#48
Acenaphthylene
Concen: 25.28 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion: 152 Resp: 1023319
Ion Ratio Lower Upper
152 100
151 20.6 14.6 22.0
153 13.2 10.3 15.5

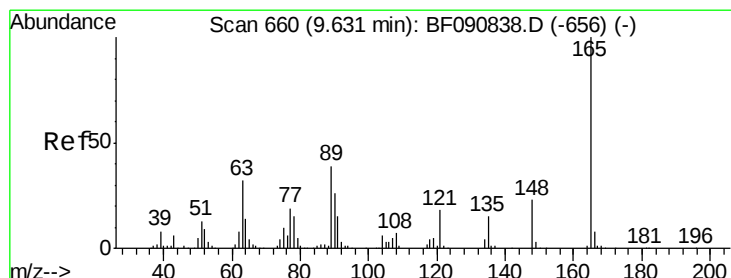
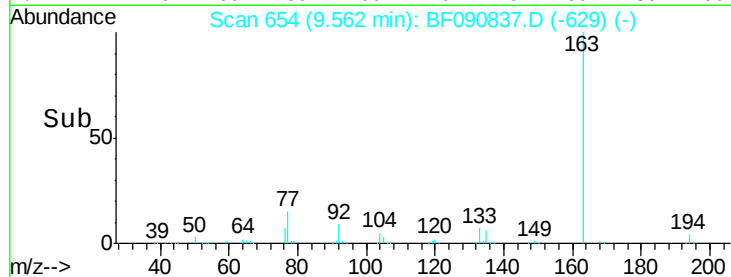
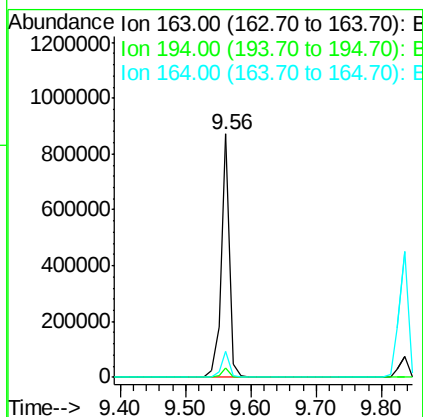
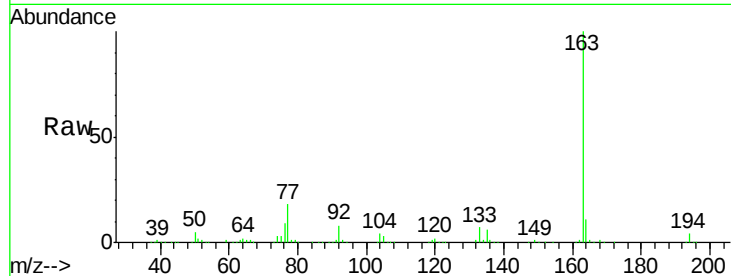




#49
Dimethylphthalate
Concen: 27.42 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

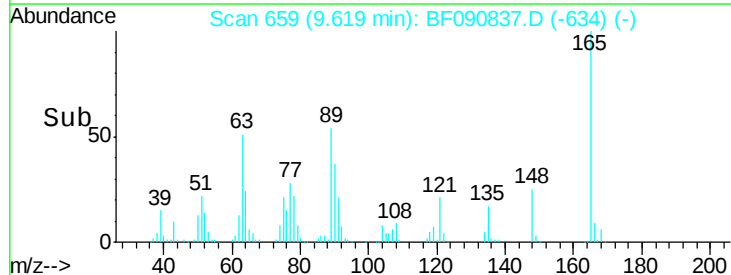
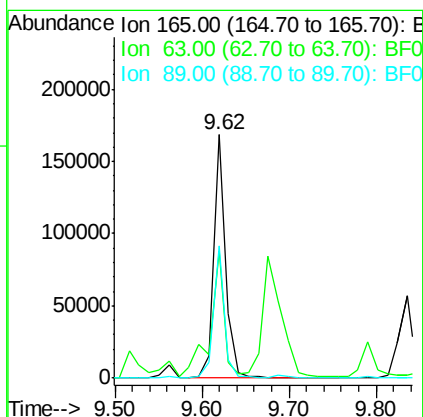
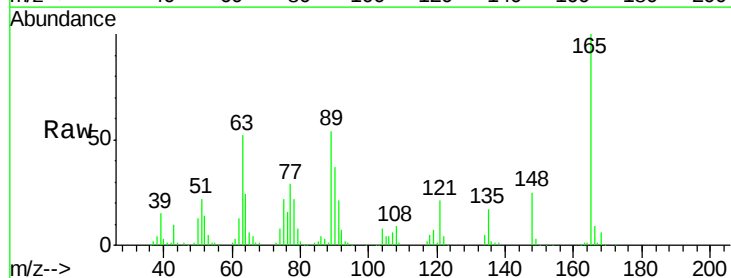
Instrument :
BNA_F
ClientSampled :

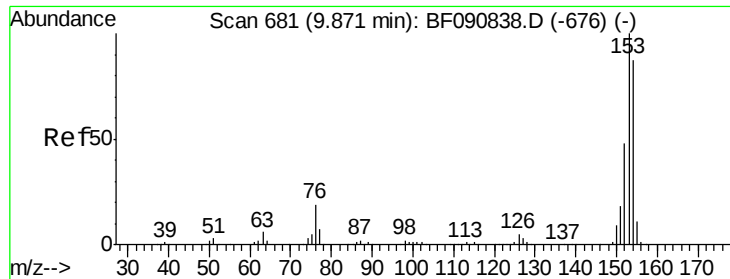
Tot Ion:163 Resp: 783103
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 26.64 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:165 Resp: 163591
Ion Ratio Lower Upper
165 100
63 52.0 32.3 48.5#
89 54.4 28.6 43.0#

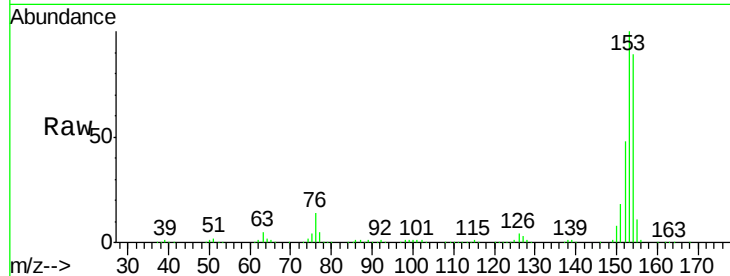




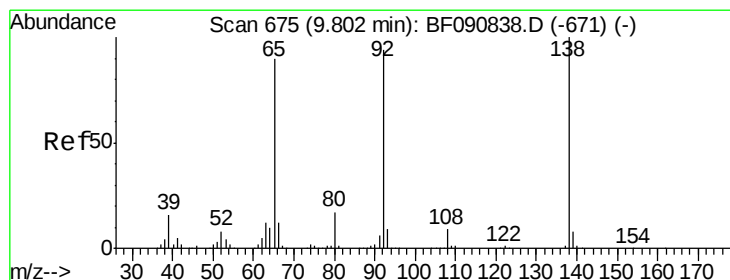
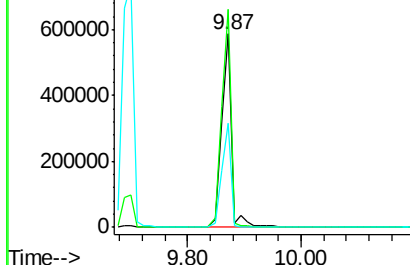
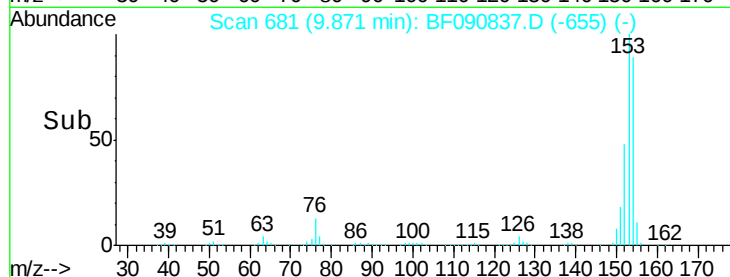
#51
Acenaphthene
Concen: 26.36 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 708315
Ion Ratio Lower Upper
154 100
153 112.9 82.1 123.1
152 53.8 37.9 56.9

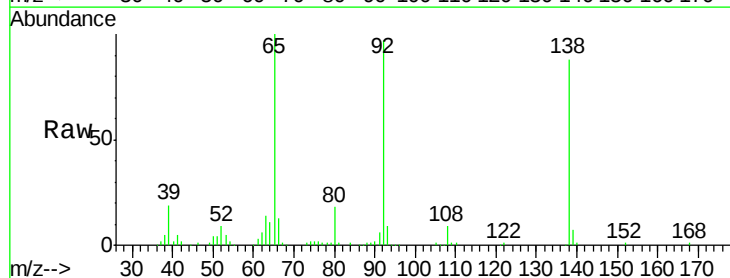


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

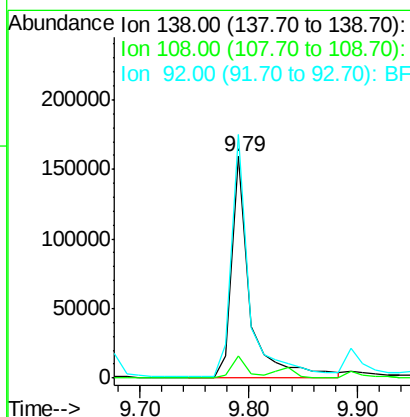
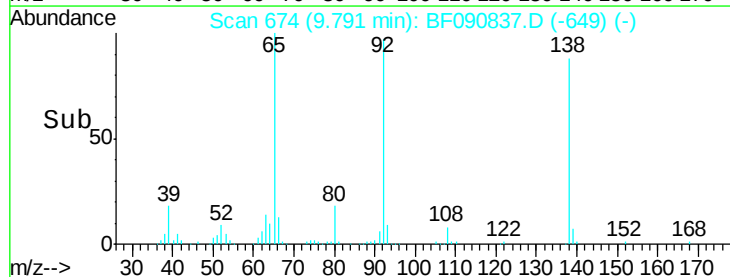


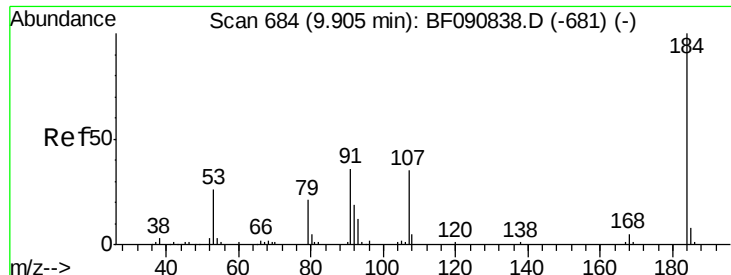
#52
3-Nitroaniline
Concen: 25.58 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:138 Resp: 180573
Ion Ratio Lower Upper
138 100
108 9.7 5.7 8.5#
92 109.8 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

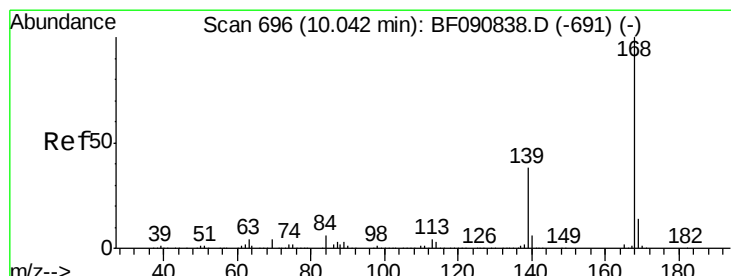
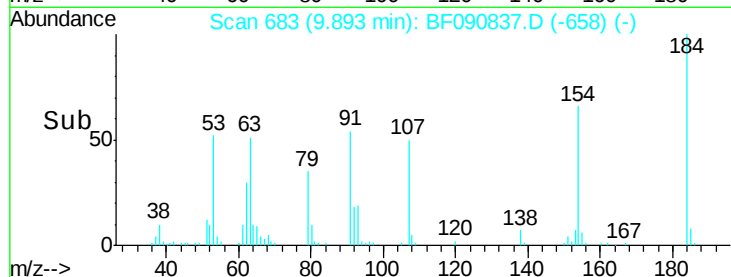
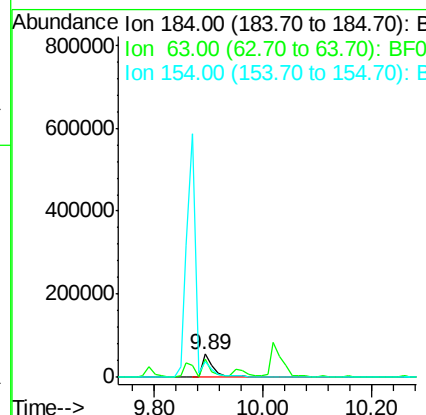
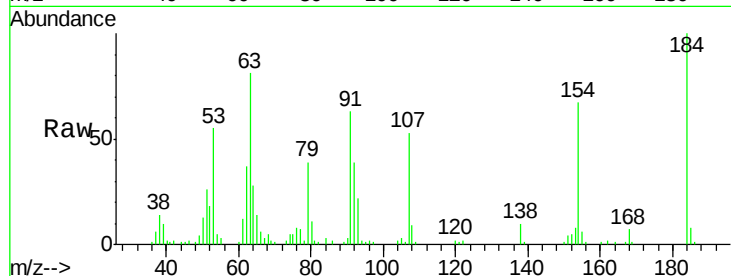




#53
 2,4-Dinitrophenol
 Concen: 34.53 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

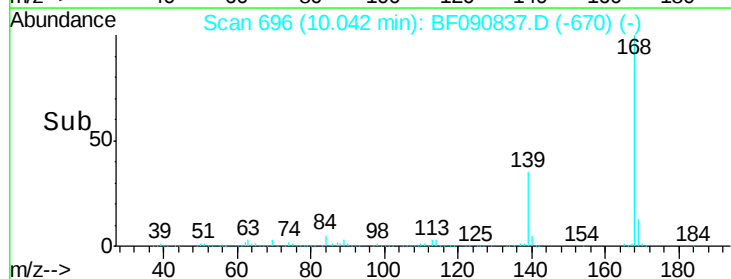
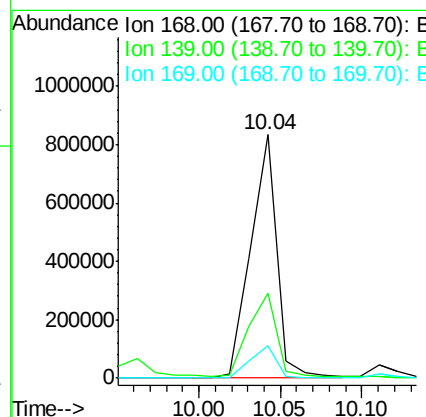
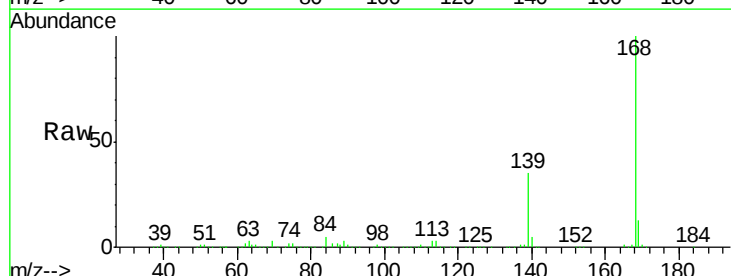
Instrument :
 BNA_F
 ClientSampleId :

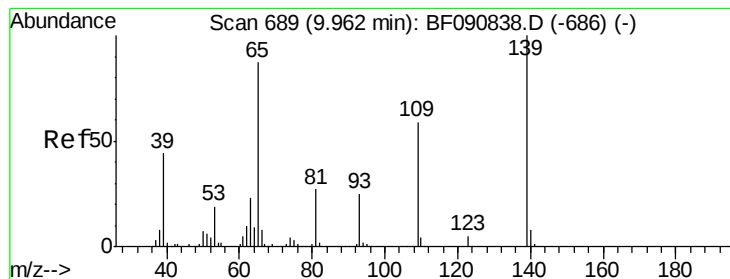
Tot Ion:184 Resp: 84620
 Ion Ratio Lower Upper
 184 100
 63 81.4 35.4 53.2#
 154 67.3 32.2 48.4#



#54
 Dibenzofuran
 Concen: 28.39 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:168 Resp: 923949
 Ion Ratio Lower Upper
 168 100
 139 34.8 24.2 36.2
 169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 28.57 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

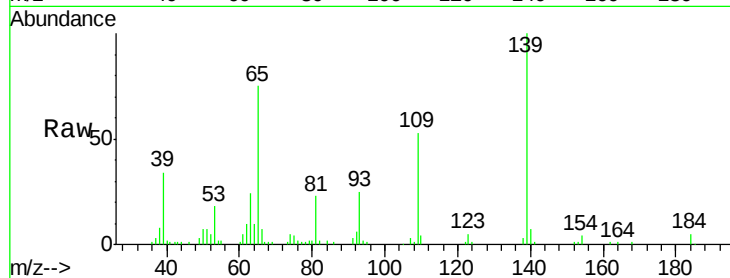
Tot Ion:139 Resp: 106032

Ion Ratio Lower Upper

139 100

109 52.9 12.7 52.7#

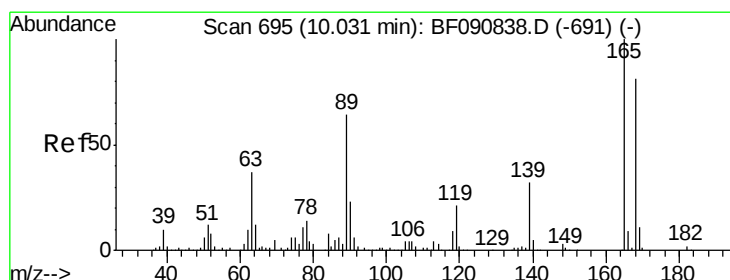
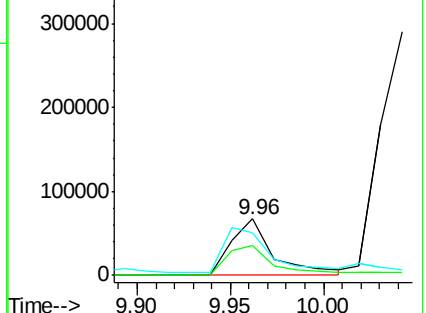
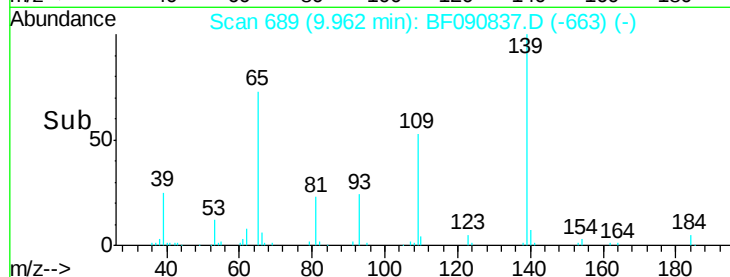
65 75.5 45.9 85.9



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: 27.85 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:165 Resp: 209009

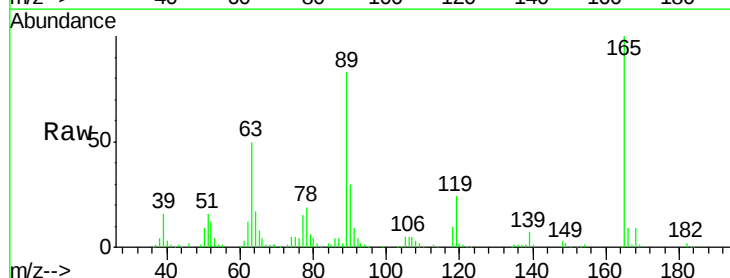
Ion Ratio Lower Upper

165 100

63 49.9 29.8 44.6#

89 82.7 44.5 66.7#

182 2.1 3.0 4.4#

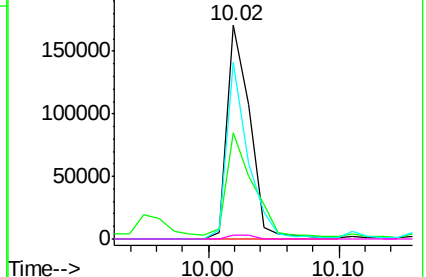
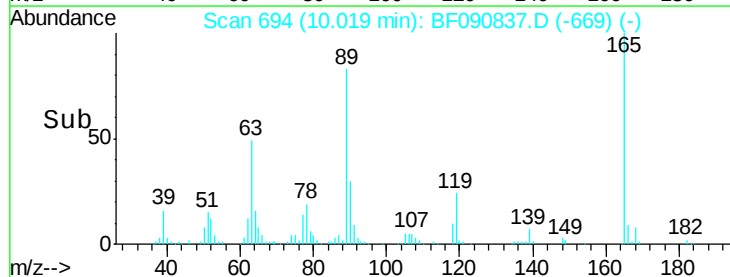


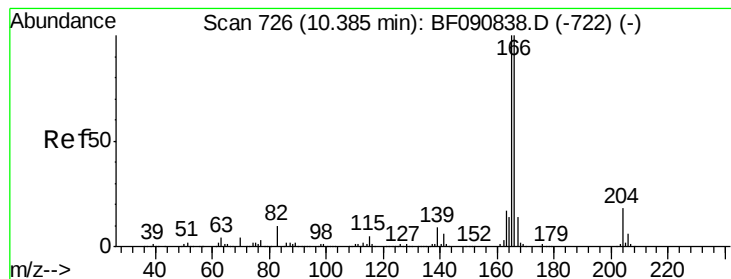
Abundance Ion 165.00 (164.70 to 165.70): E

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: 28.25 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

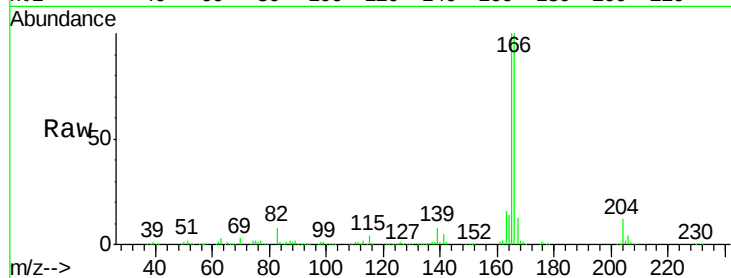
Tot Ion:166 Resp: 762071

Ion Ratio Lower Upper

166 100

165 100.4 72.6 109.0

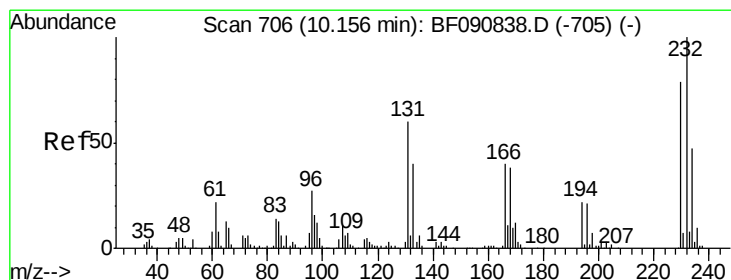
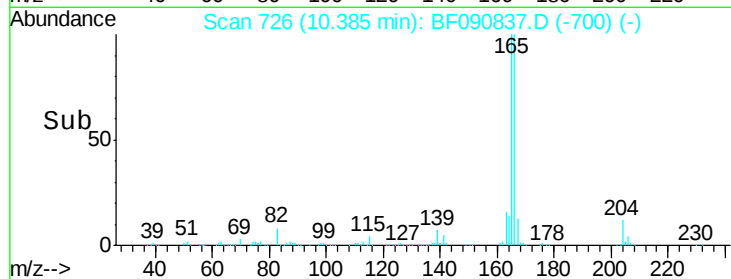
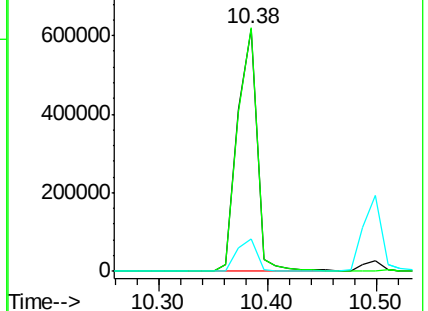
167 13.5 10.6 16.0



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: 30.81 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion:232 Resp: 186734

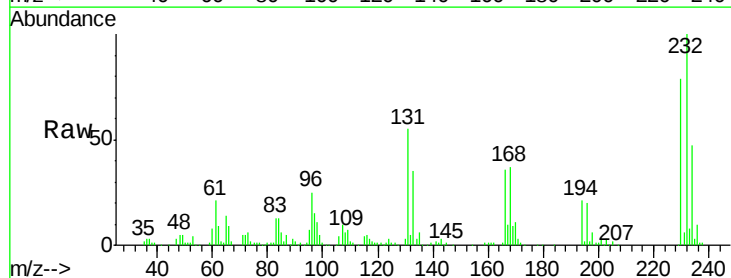
Ion Ratio Lower Upper

232 100

131 50.7 38.5 57.7

130 2.1 1.8 2.6

166 31.6 25.0 37.6

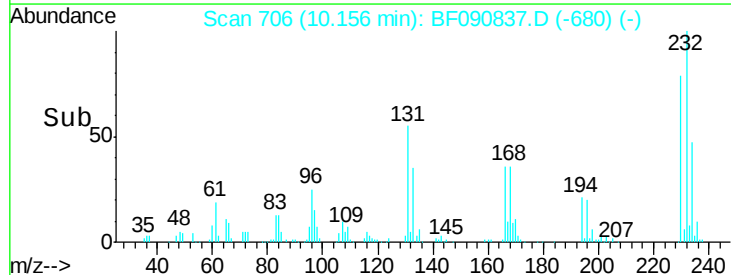
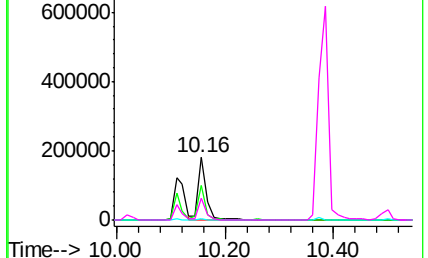


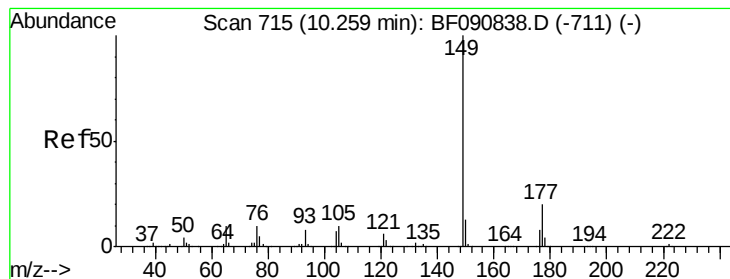
Abundance Ion 232.00 (231.70 to 232.70): E

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: 27.93 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

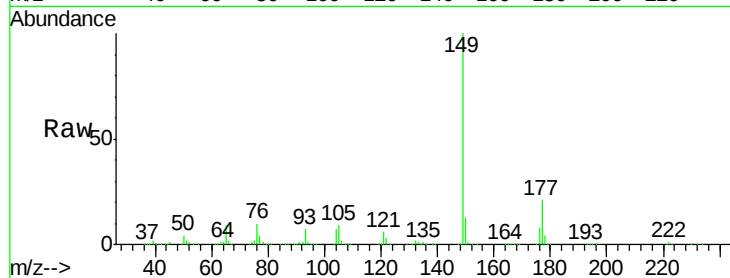
Tot Ion:149 Resp: 827152

Ion Ratio Lower Upper

149 100

177 21.0 17.5 26.3

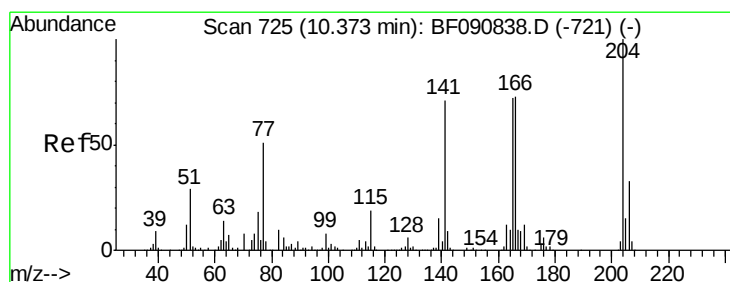
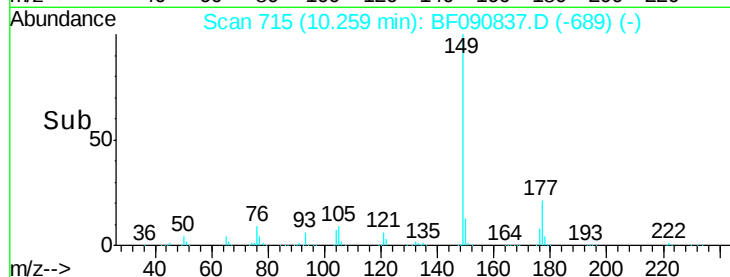
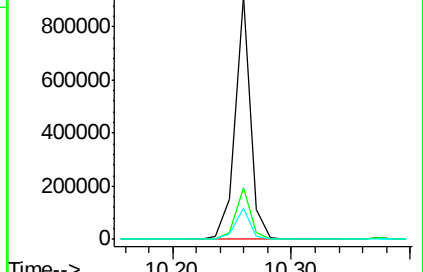
150 12.7 9.4 14.2



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: 29.53 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

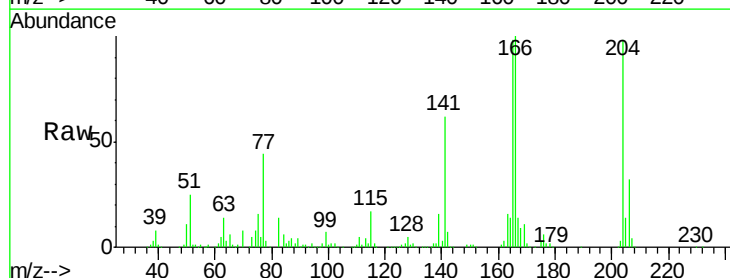
Tgt Ion:204 Resp: 363996

Ion Ratio Lower Upper

204 100

206 32.8 24.8 37.2

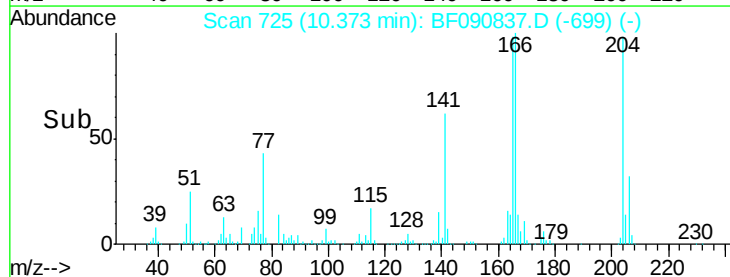
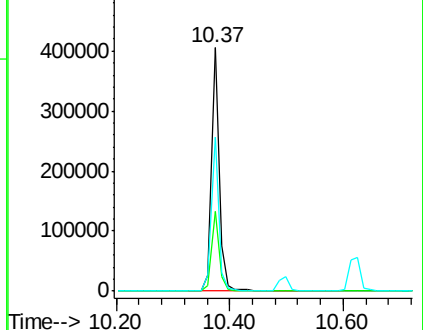
141 63.1 42.2 63.4

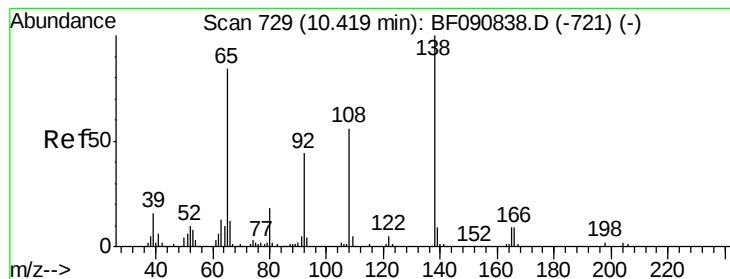


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.04 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

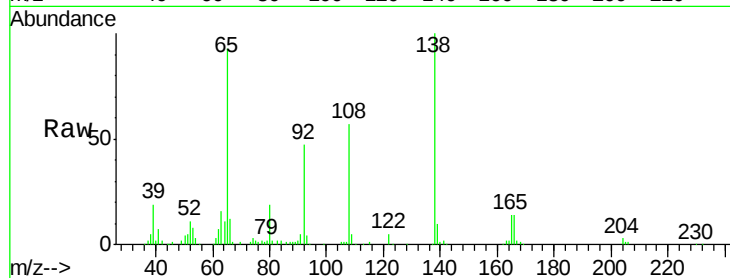
Tot Ion:138 Resp: 193296

Ion Ratio Lower Upper

138 100

92 46.5 12.6 52.6

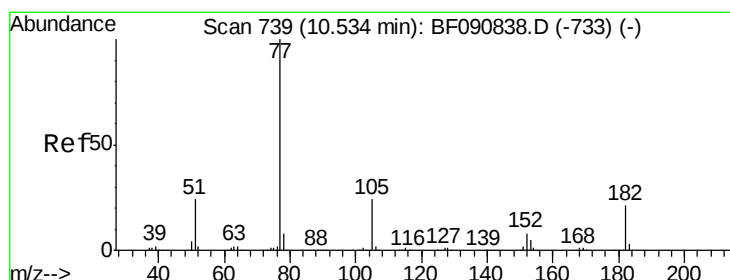
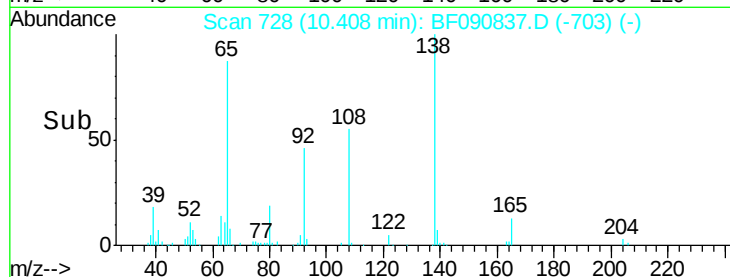
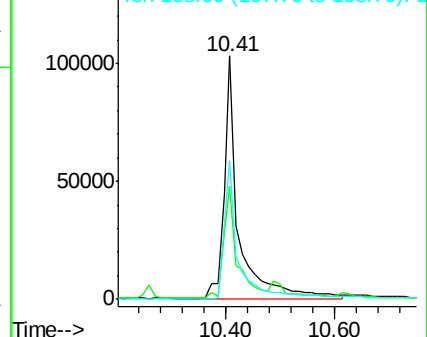
108 56.8 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.03 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Tgt Ion: 77 Resp: 868259

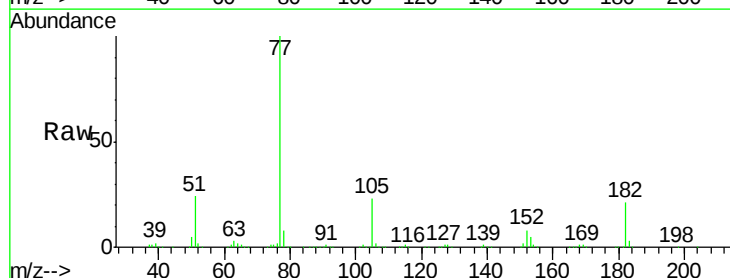
Ion Ratio Lower Upper

77 100

182 20.5 15.1 55.1

105 23.4 3.4 43.4

51 24.3 12.0 52.0

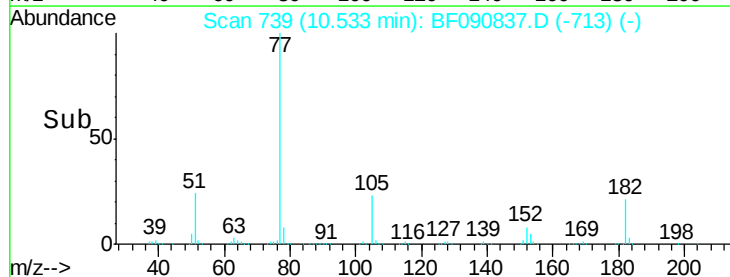
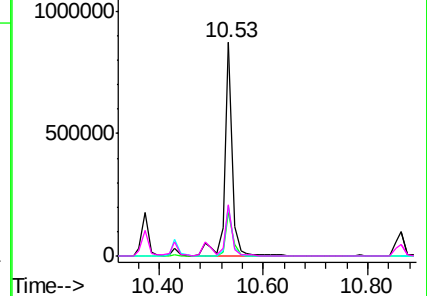


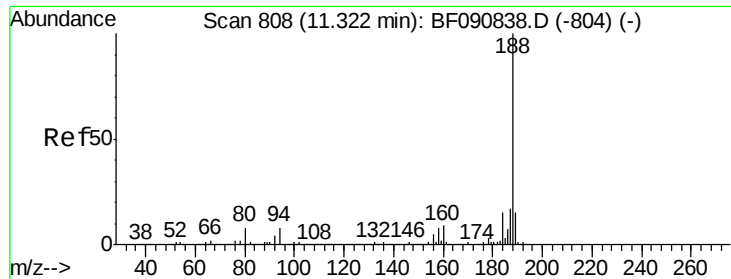
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

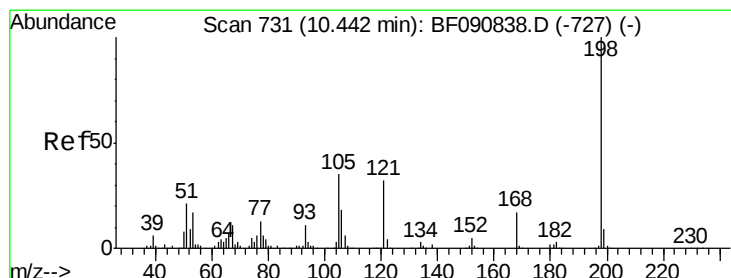
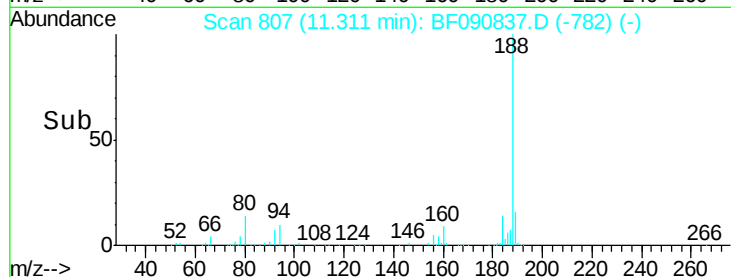
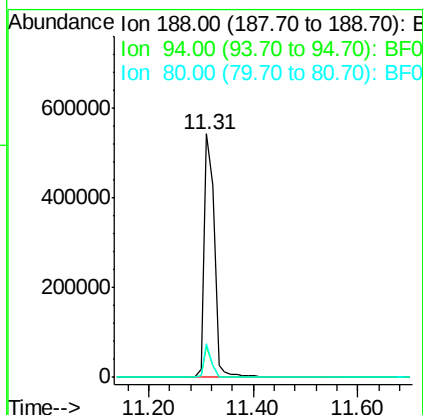
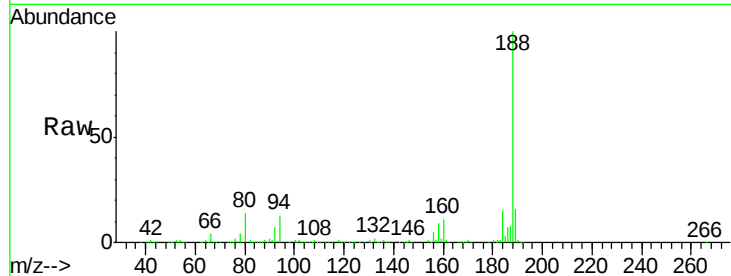




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

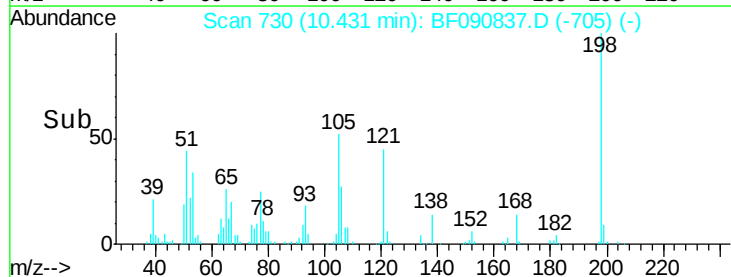
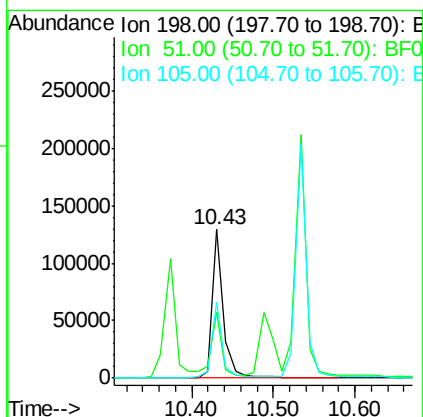
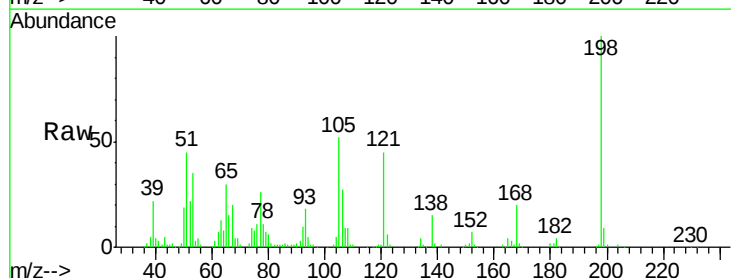
Instrument :
BNA_F
ClientSampleId :

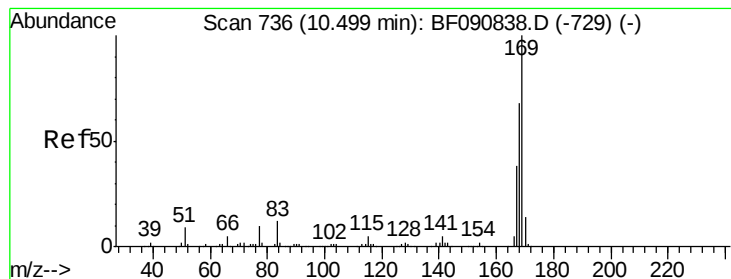
Tot Ion:188 Resp: 730857
Ion Ratio Lower Upper
188 100
94 12.8 11.1 16.7
80 13.9 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 28.79 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:198 Resp: 125769
Ion Ratio Lower Upper
198 100
51 44.7 39.6 79.6
105 51.6 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 26.64 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

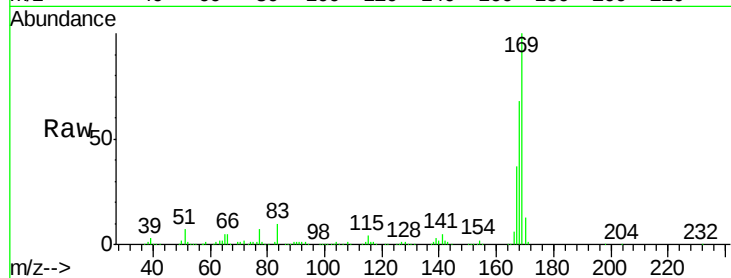
Tot Ion:169 Resp: 623881

Ion Ratio Lower Upper

169 100

168 68.1 48.9 73.3

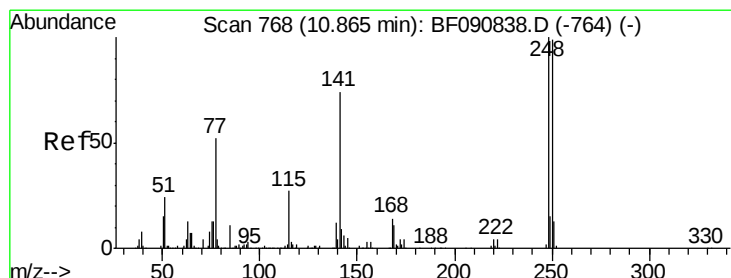
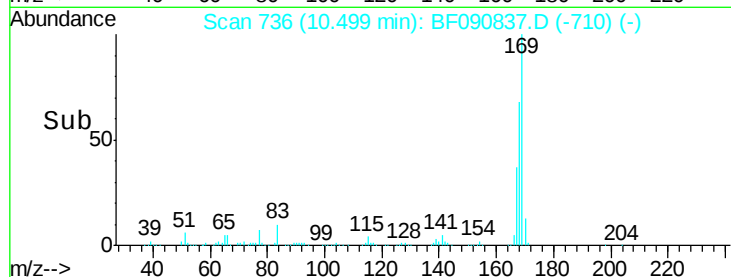
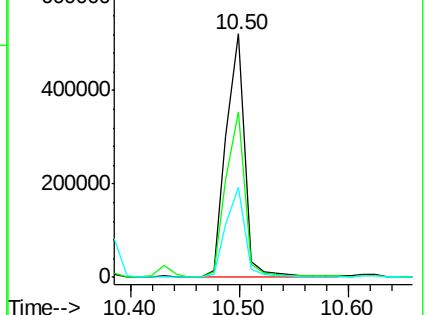
167 37.1 26.2 39.4



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: 32.09 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

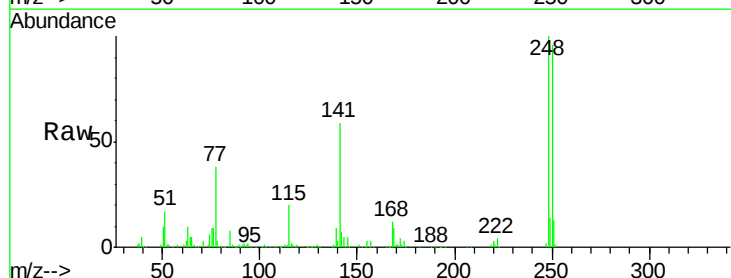
Tgt Ion:248 Resp: 227381

Ion Ratio Lower Upper

248 100

250 96.1 78.5 117.7

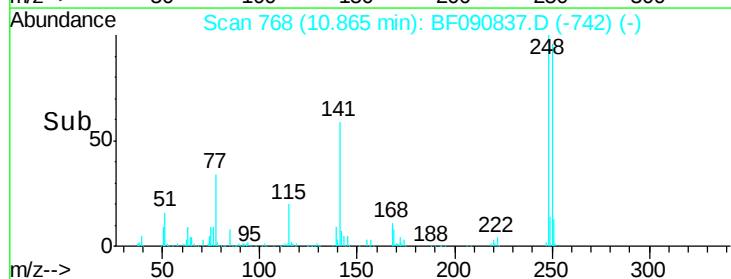
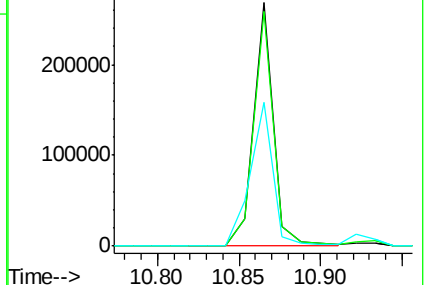
141 58.9 59.0 88.6#

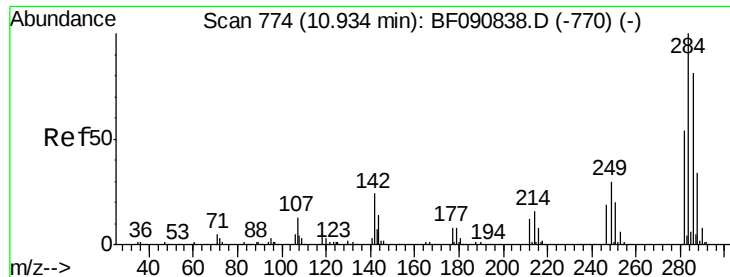


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

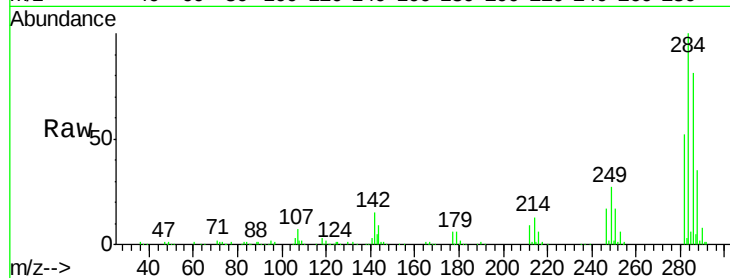




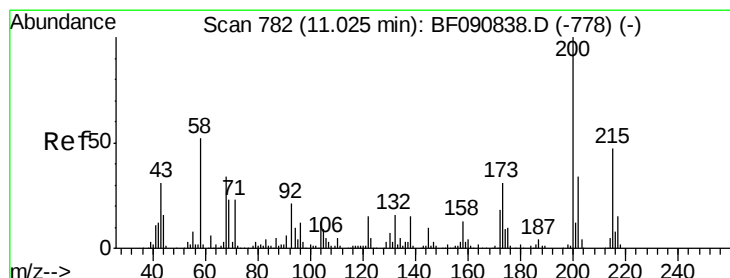
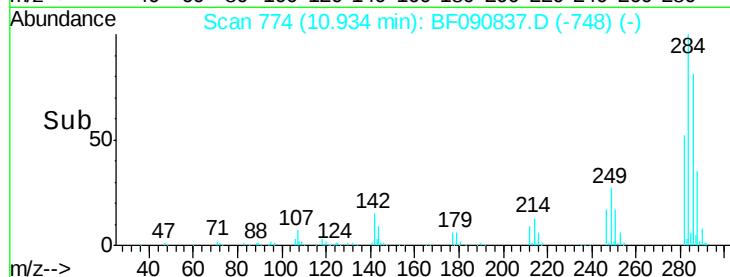
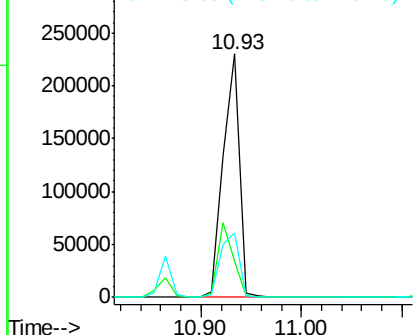
#67
Hexachlorobenzene
Concen: 30.96 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 258841
Ion Ratio Lower Upper
284 100
142 15.1 29.5 44.3#
249 26.6 19.5 29.3

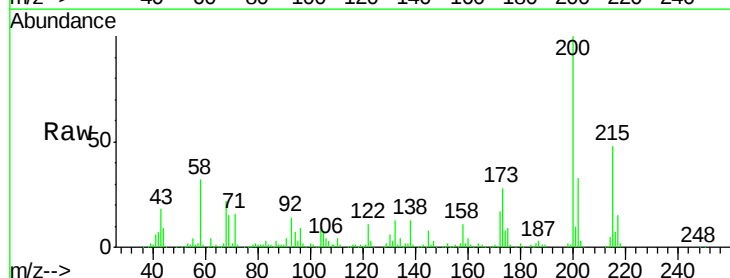


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

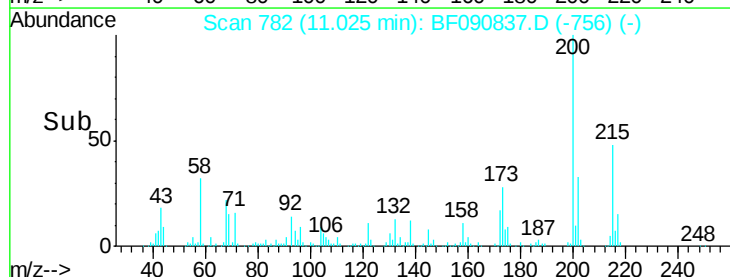
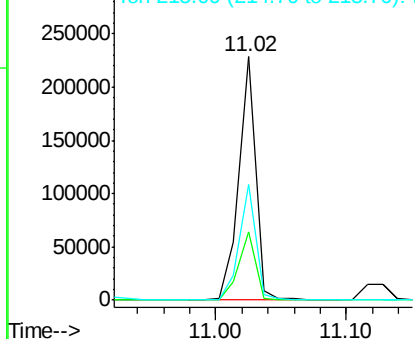


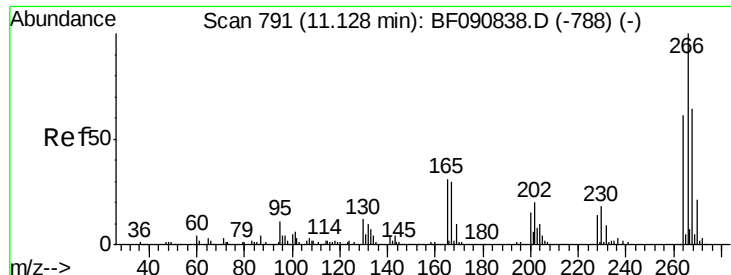
#68
Atrazine
Concen: 31.64 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:200 Resp: 204493
Ion Ratio Lower Upper
200 100
173 27.9 13.2 53.2
215 47.6 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

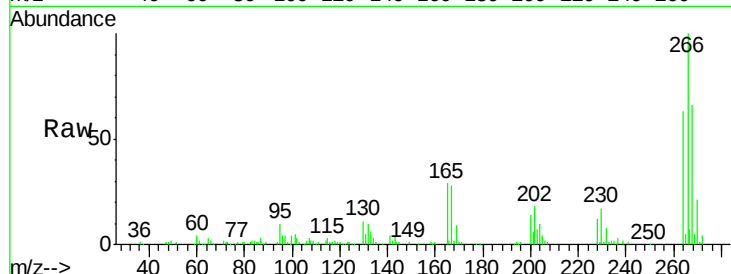




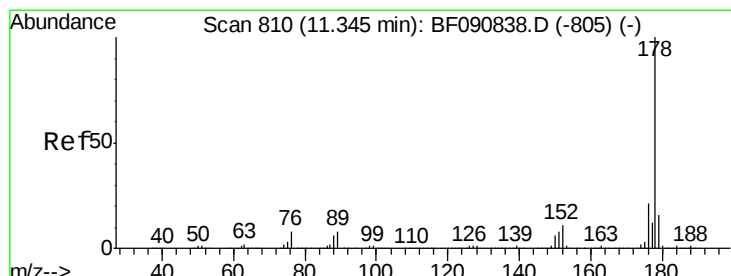
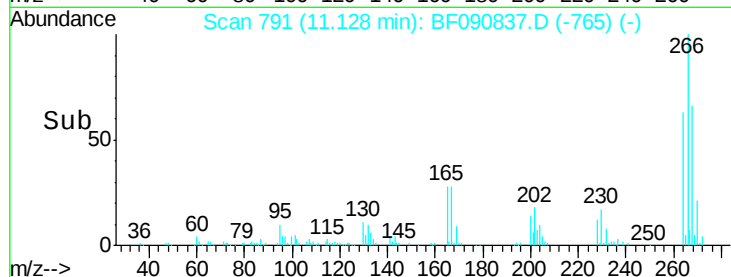
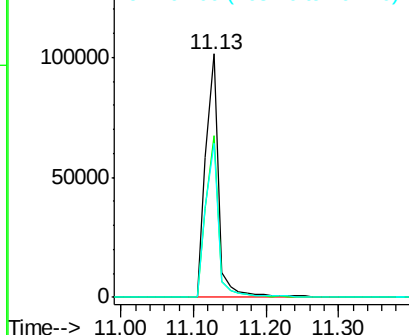
#69
 Pentachlorophenol
 Concen: 31.85 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 127438
 Ion Ratio Lower Upper
 266 100
 268 66.5 49.8 74.6
 264 63.0 50.2 75.2

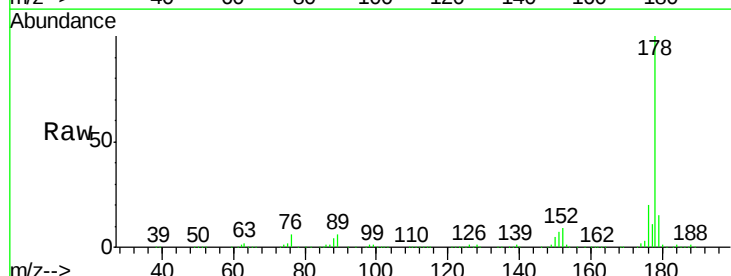


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

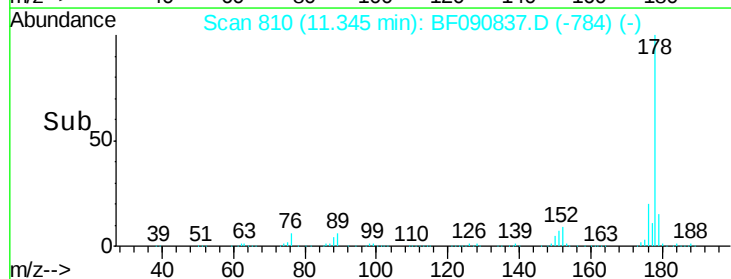
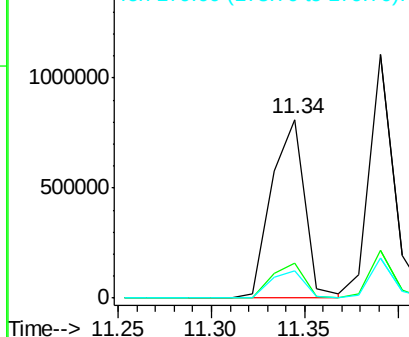


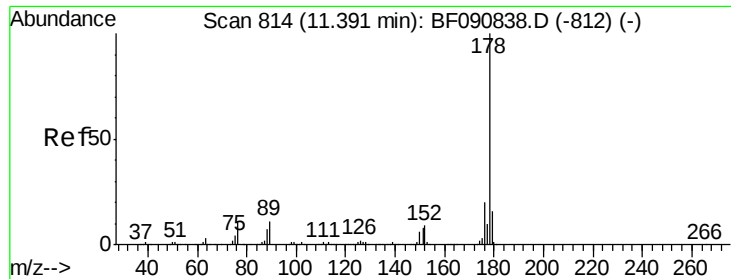
#70
 Phenanthrene
 Concen: 27.02 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:178 Resp: 1006610
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.3 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: 25.40 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampled :

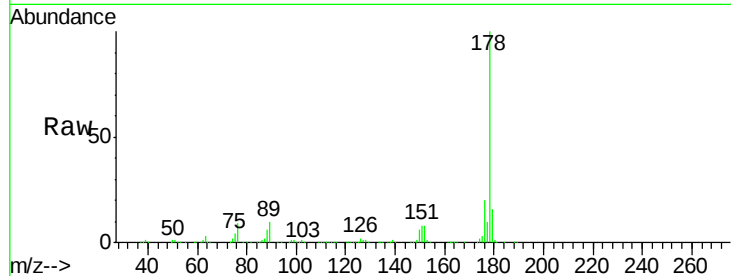
Tot Ion:178 Resp: 1049433

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

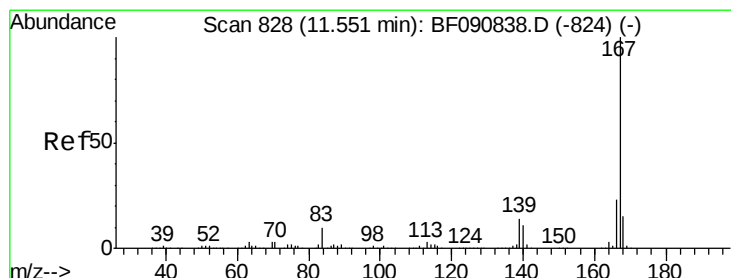
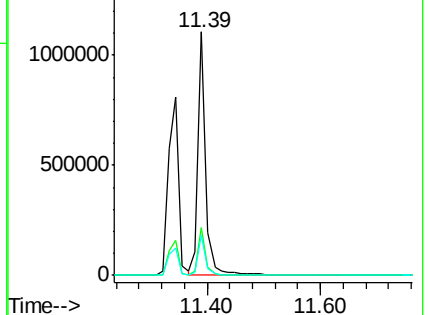
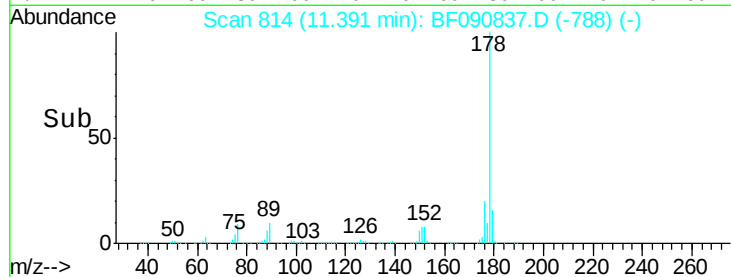
179 16.3 12.2 18.2



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: 28.19 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

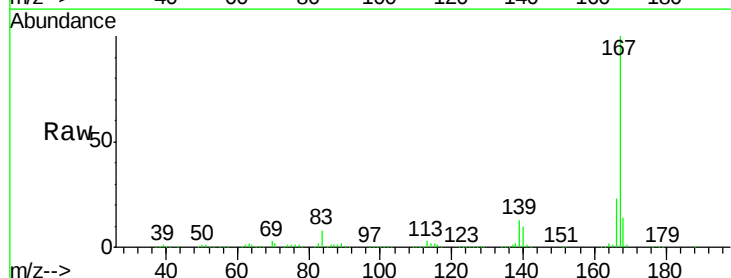
Tgt Ion:167 Resp: 973700

Ion Ratio Lower Upper

167 100

166 22.5 15.7 23.5

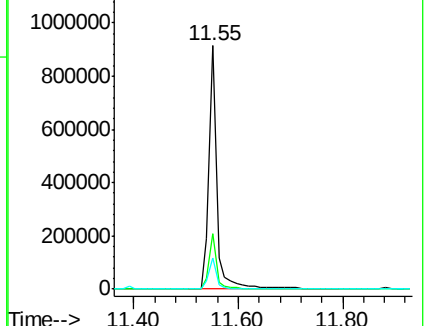
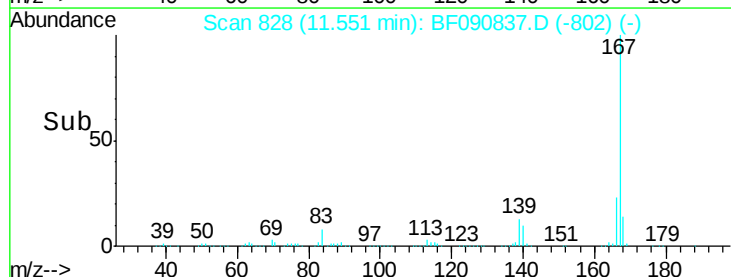
139 13.0 9.5 14.3

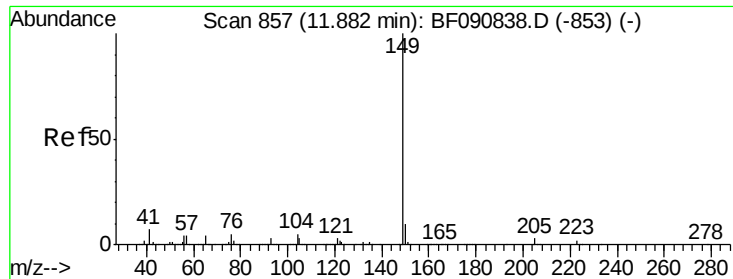


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 24.56 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

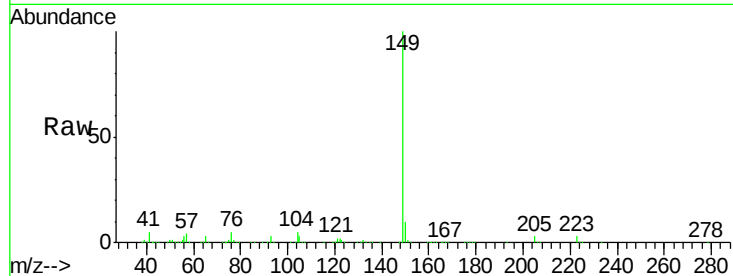
Tot Ion:149 Resp: 1100457

Ion Ratio Lower Upper

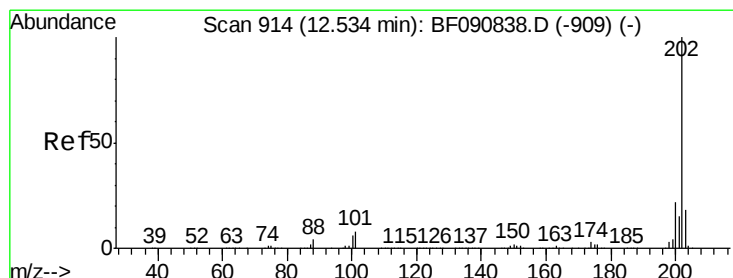
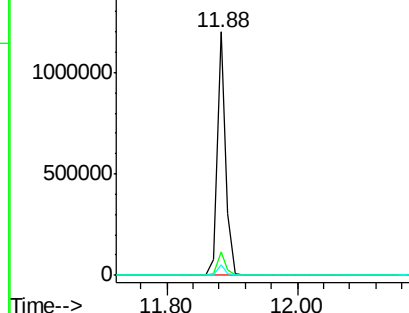
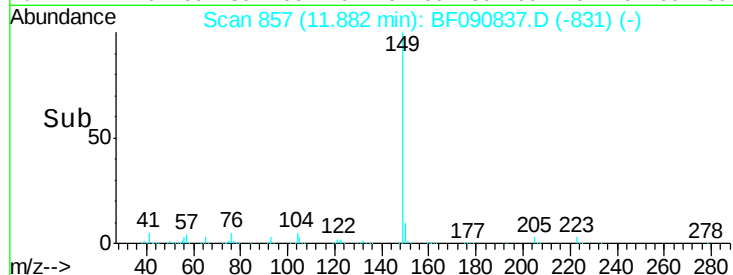
149 100

150 9.8 7.4 11.2

104 4.6 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



#74

Fluoranthene

Concen: 28.68 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

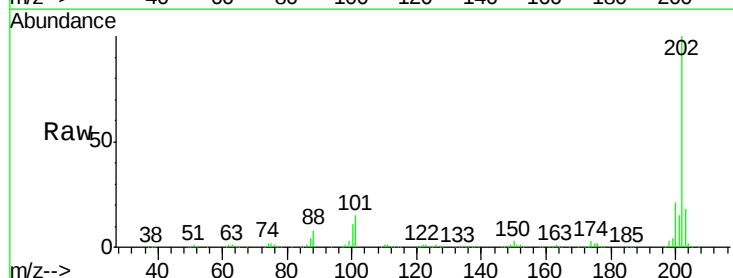
Tgt Ion:202 Resp: 1033401

Ion Ratio Lower Upper

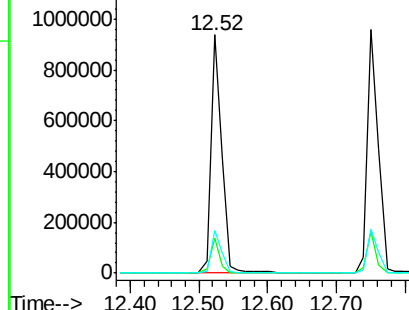
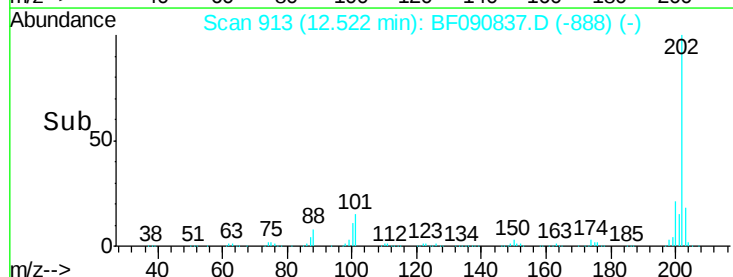
202 100

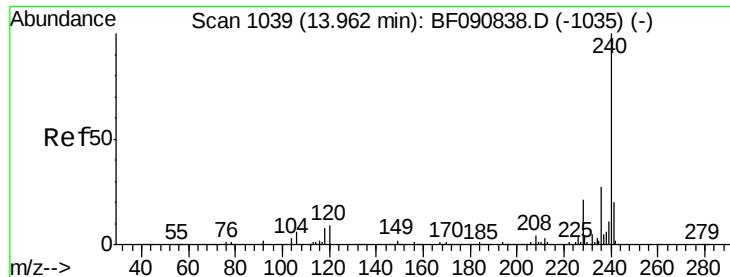
101 14.7 0.0 38.3

203 18.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

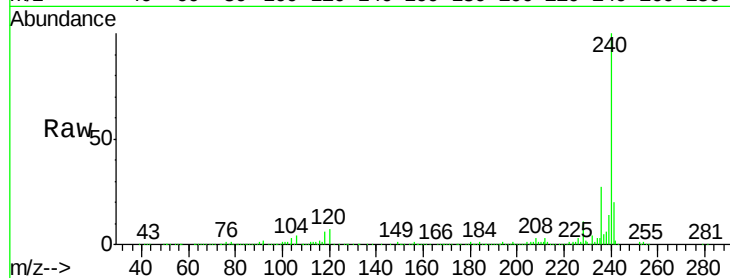
Tot Ion:240 Resp: 657494

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

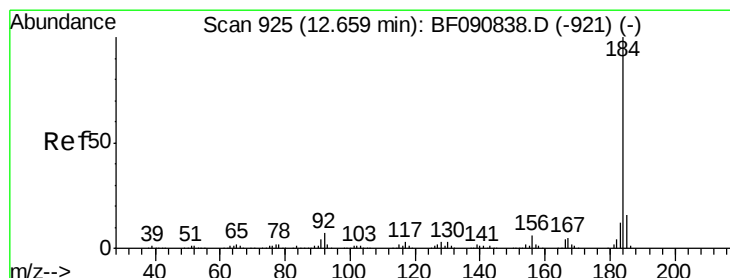
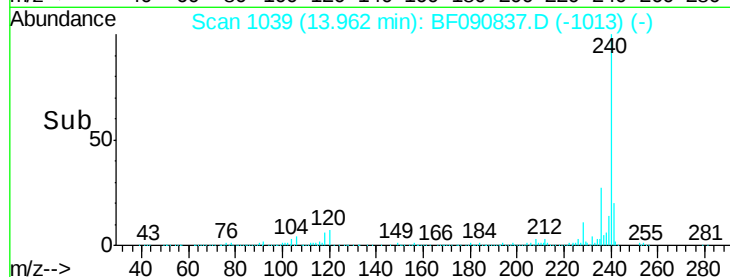
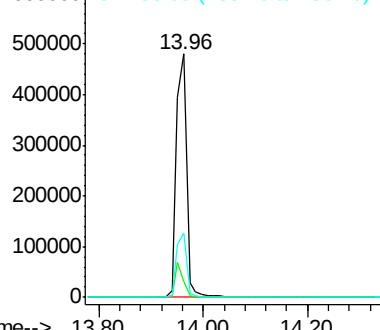
236 26.5 18.4 27.6



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: 29.23 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

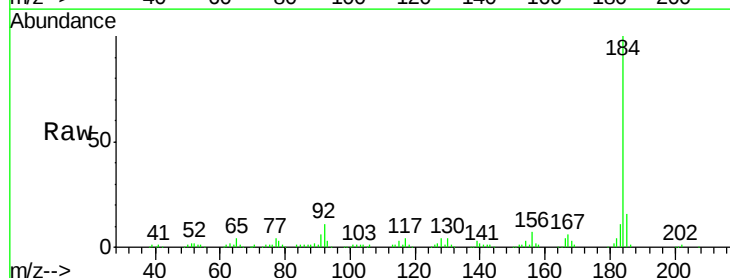
Tgt Ion:184 Resp: 426770

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.6

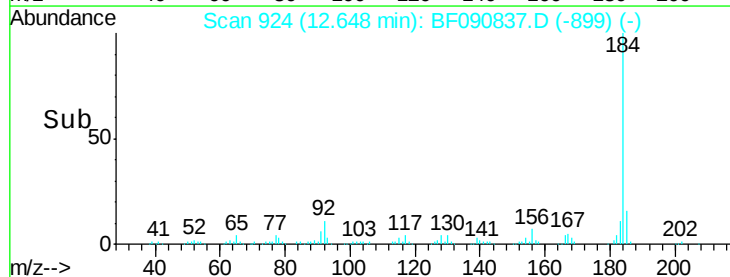
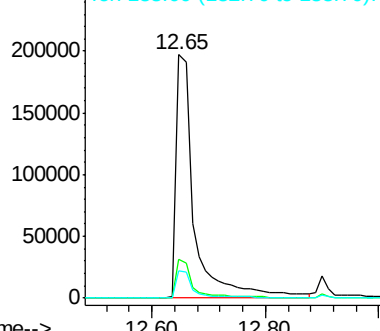
183 11.4 7.6 11.4

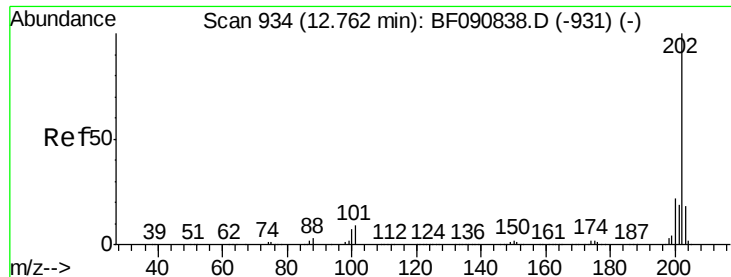


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

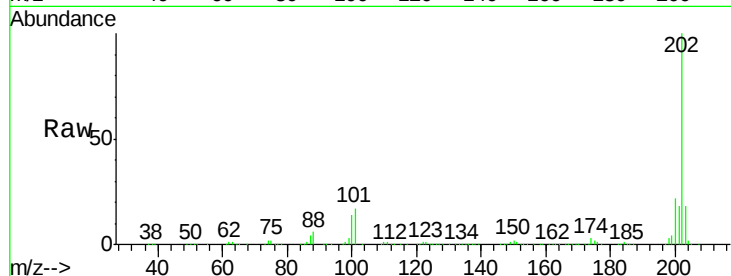




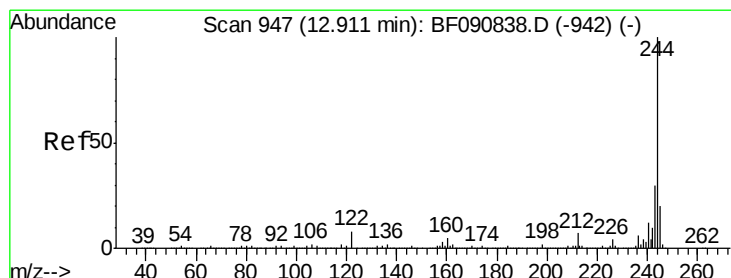
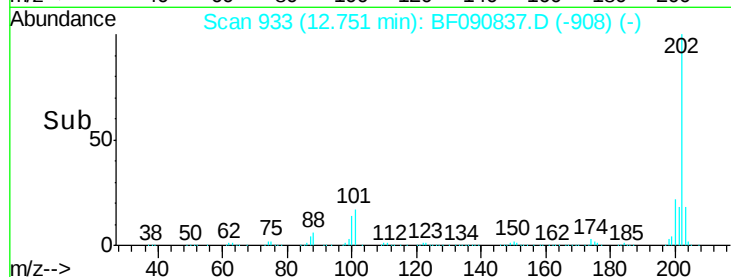
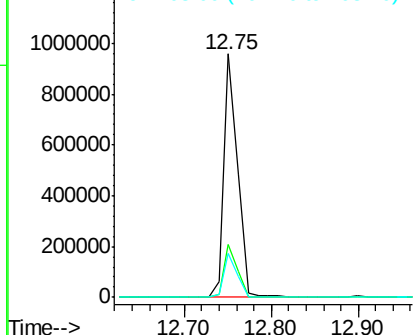
#77
Pvrene
Concen: 23.10 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1060576
Ion Ratio Lower Upper
202 100
200 21.8 15.0 22.4
203 18.0 14.1 21.1

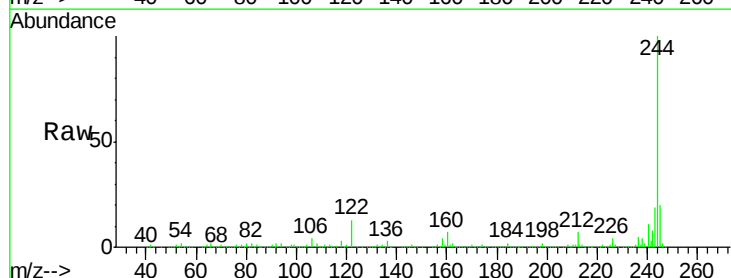


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

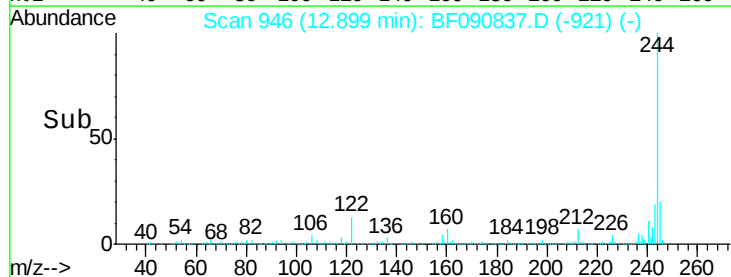
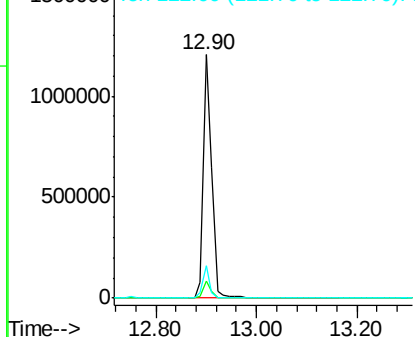


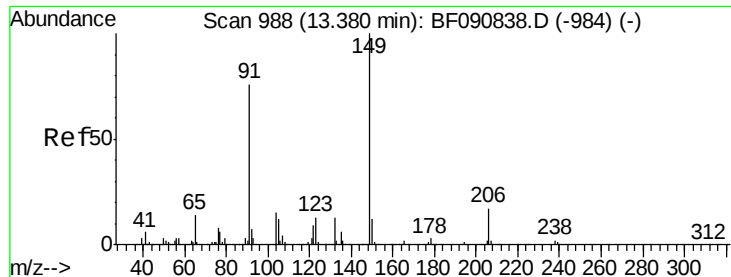
#78
Terphenyl-d14
Concen: 48.80 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:244 Resp: 1400016
Ion Ratio Lower Upper
244 100
212 7.2 4.3 6.5#
122 13.3 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

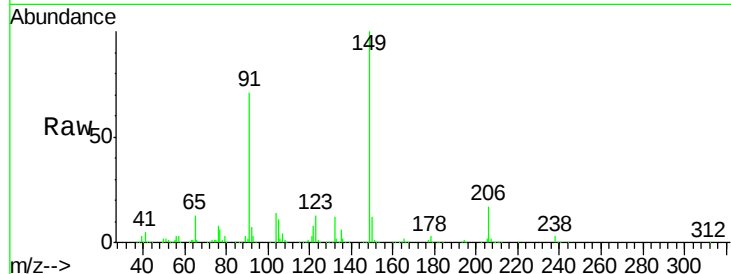




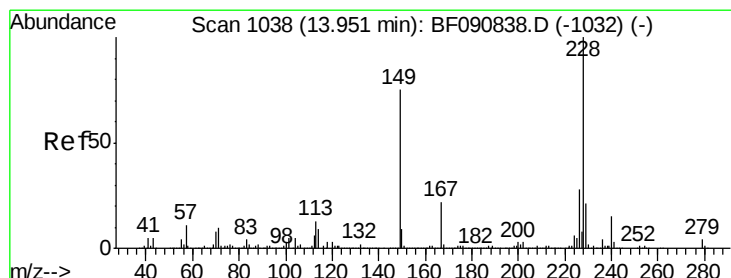
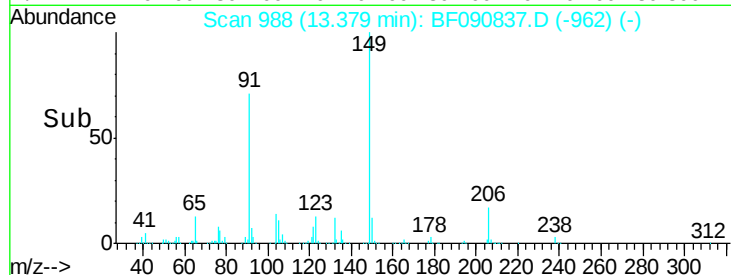
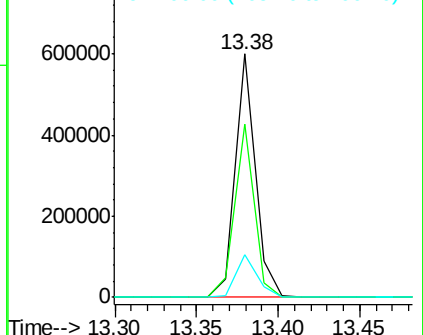
#79
Butylbenzylphthalate
Concen: 24.06 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	48.6	72.8
206	17.4	14.9	22.3

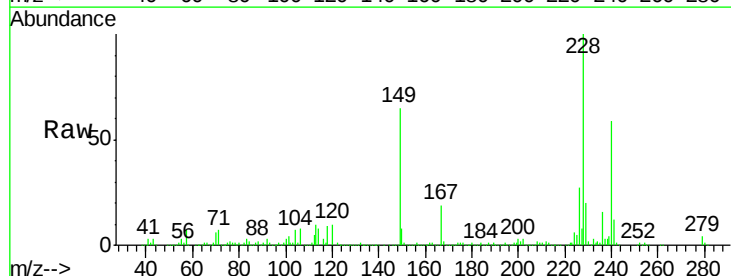


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

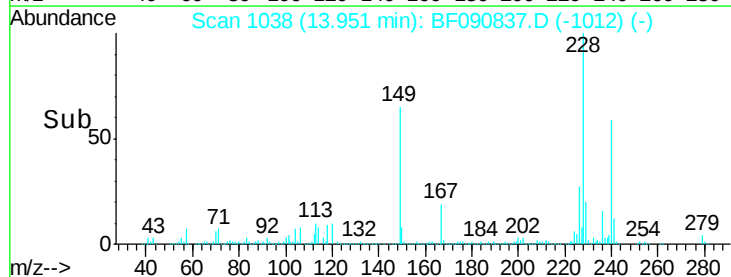
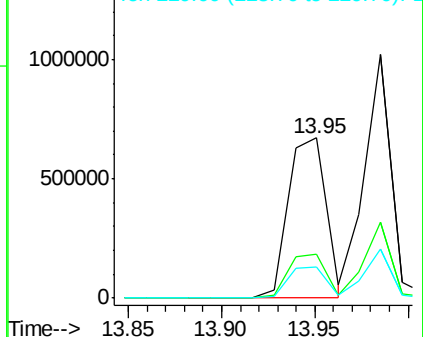


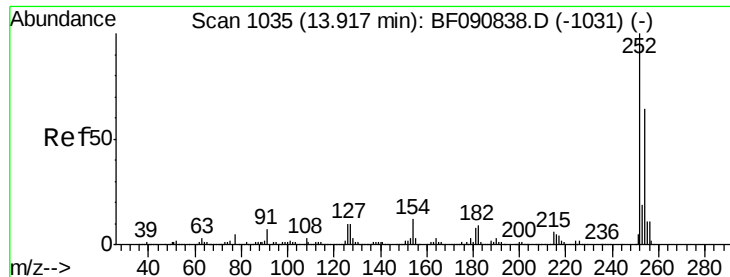
#80
Benzo(a)anthracene
Concen: 26.55 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.0	30.0
229	19.8	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

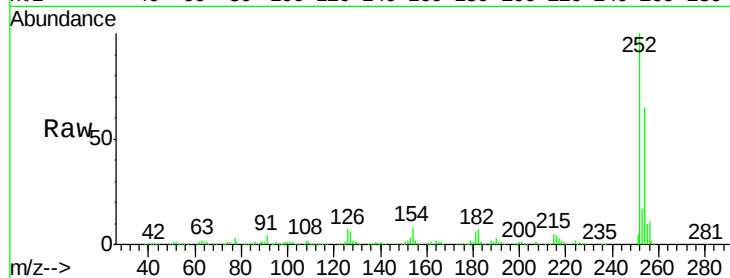




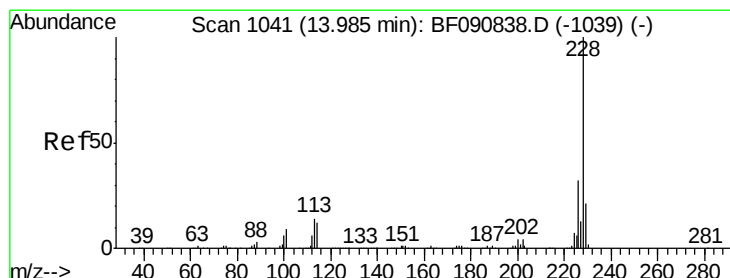
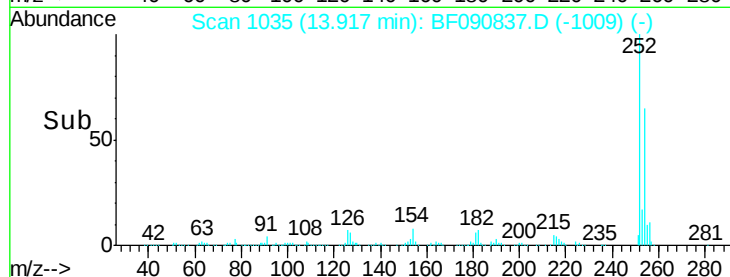
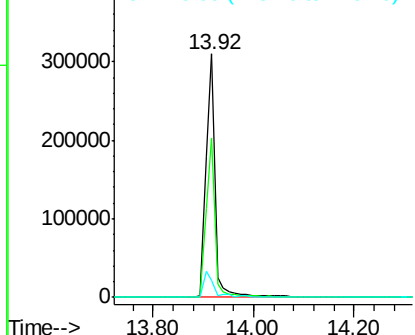
#81
 3,3'-Dichlorobenzidine
 Concen: 31.27 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 389887
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.2
 126 6.9 16.4 24.6#

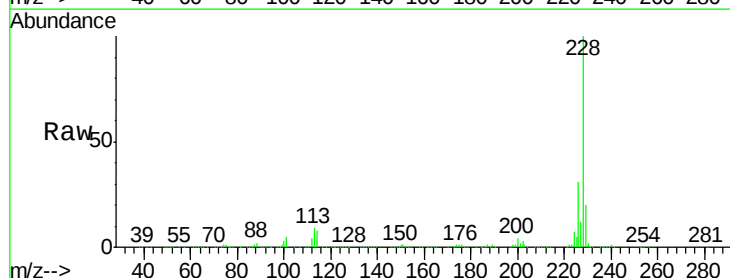


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

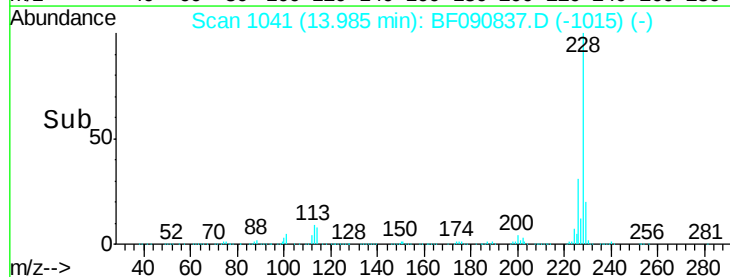
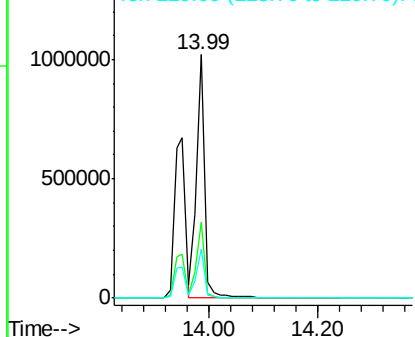


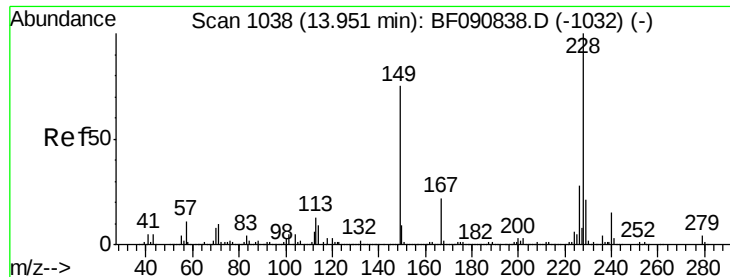
#82
 Chrysene
 Concen: 29.74 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:228 Resp: 1044224
 Ion Ratio Lower Upper
 228 100
 226 31.1 21.0 31.4
 229 20.0 15.6 23.4



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

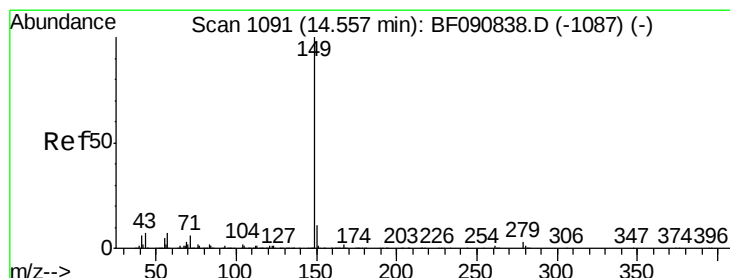
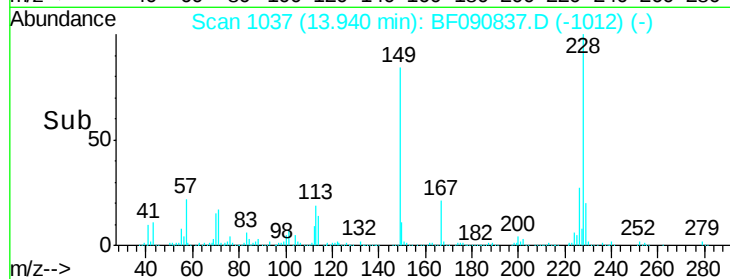
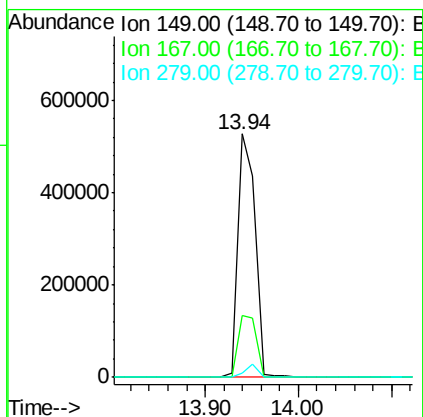
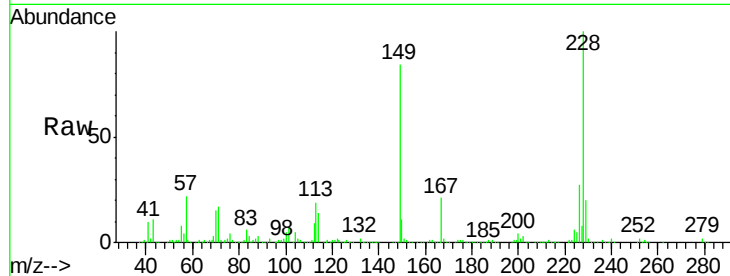




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.45 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

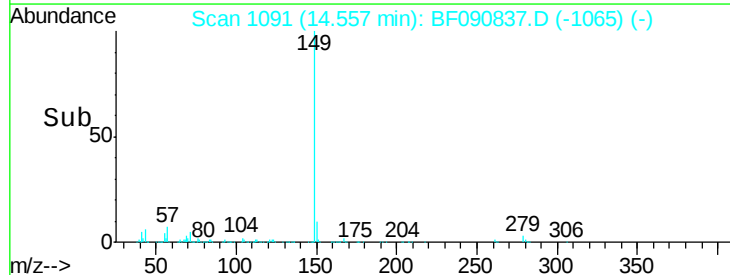
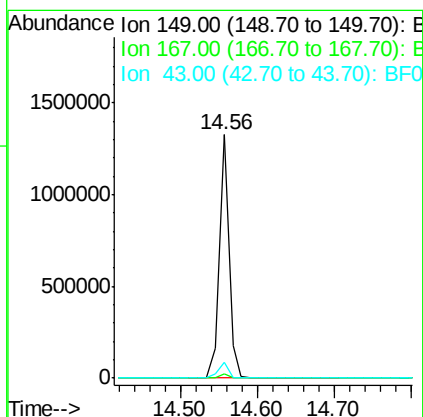
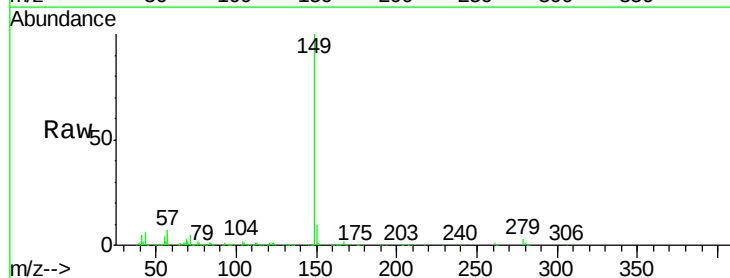
Instrument :
 BNA_F
 ClientSampleId :

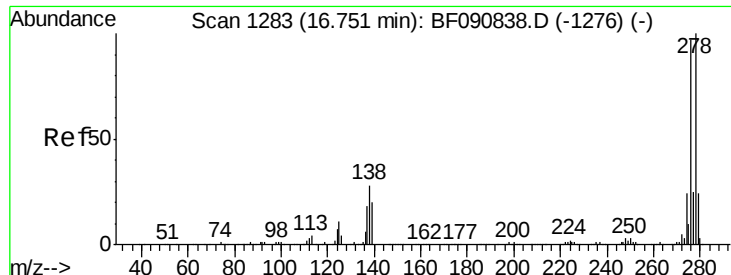
Tot Ion:149 Resp: 678116
 Ion Ratio Lower Upper
 149 100
 167 25.4 24.2 36.2
 279 2.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 25.25 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Tgt Ion:149 Resp: 1157360
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6
 43 6.7 10.2 15.2#

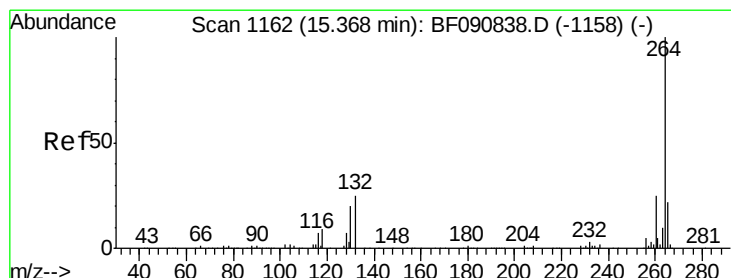
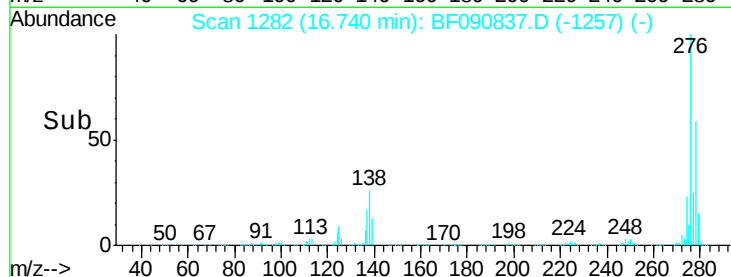
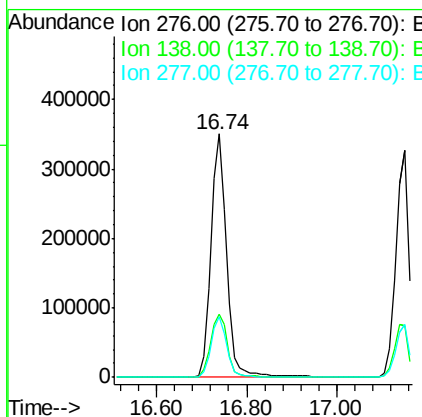
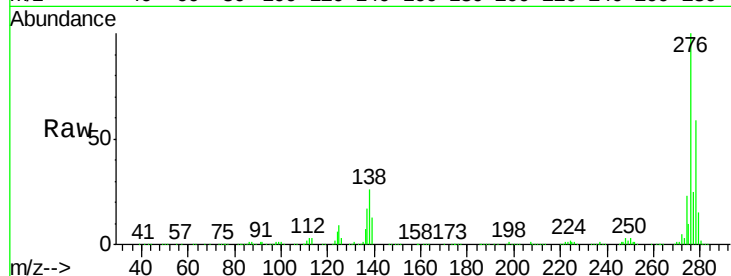




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.84 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

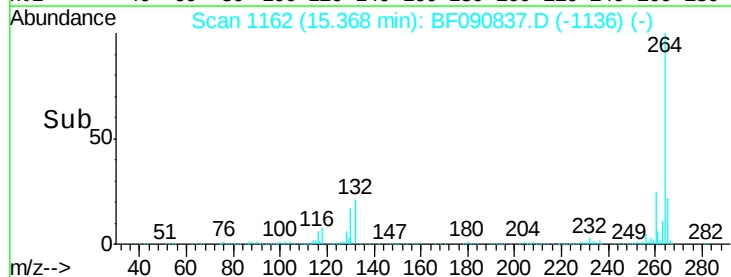
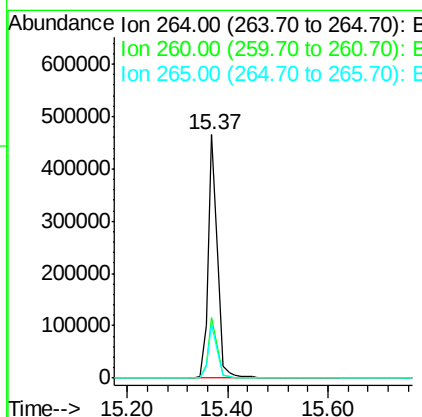
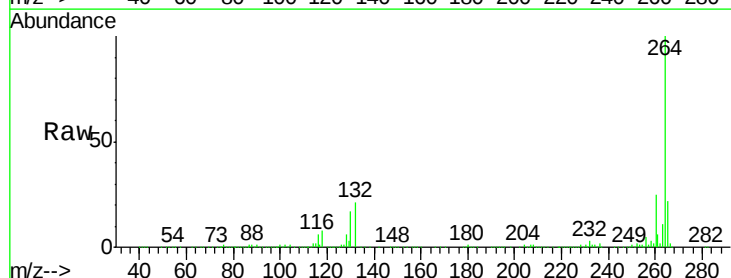
Instrument :
BNA_F
ClientSampleId :

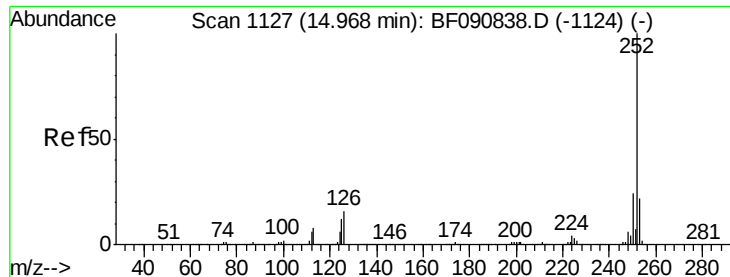
Tot Ion:276 Resp: 853044
Ion Ratio Lower Upper
276 100
138 28.3 25.7 38.5
277 24.9 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:264 Resp: 588428
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 22.2 17.2 25.8

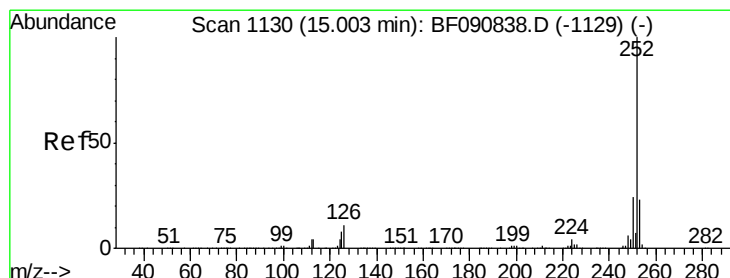
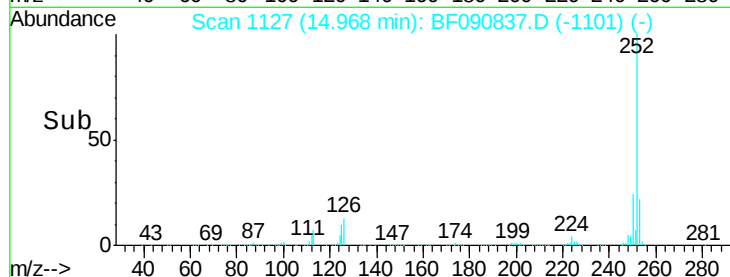
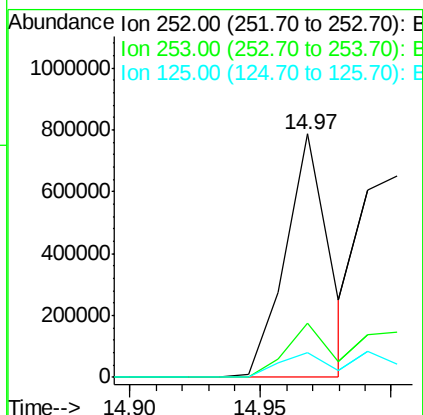
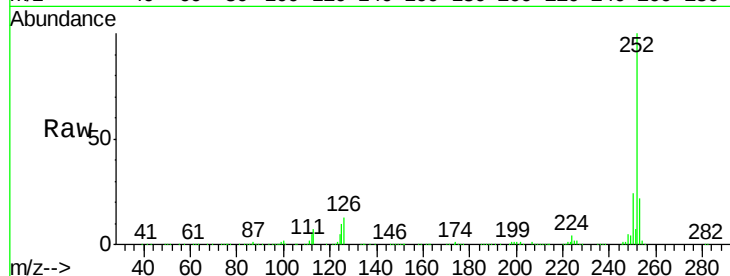




#87
Benzo(b)fluoranthene
Concen: 24.95 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

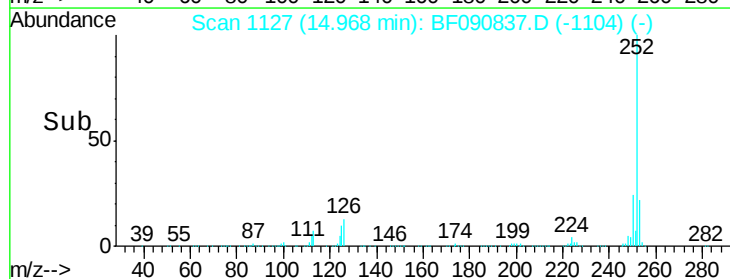
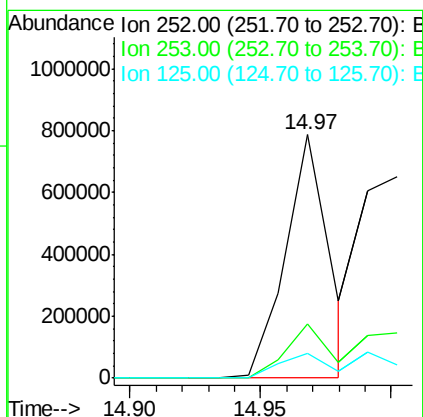
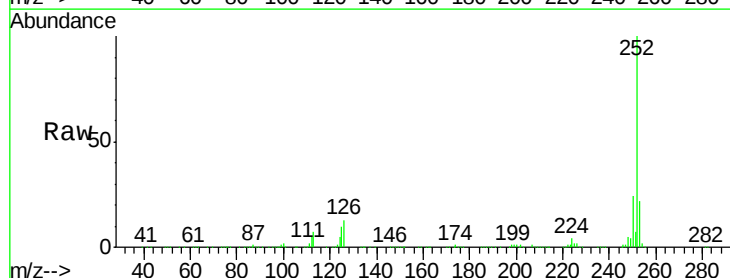
Instrument :
BNA_F
ClientSampled :

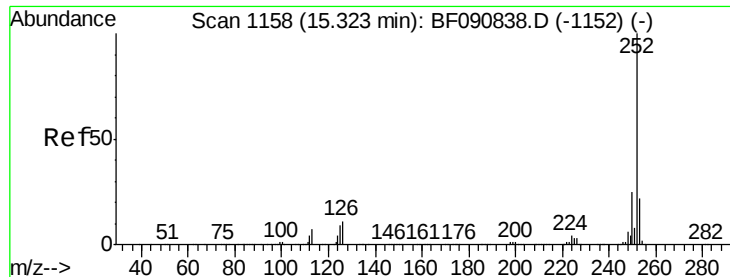
Tot Ion:252 Resp: 902863
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 24.83 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF090837.D
Acq: 26 Oct 2016 12:33

Tgt Ion:252 Resp: 902863
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.3 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 25.24 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

Instrument :

BNA_F

ClientSampleId :

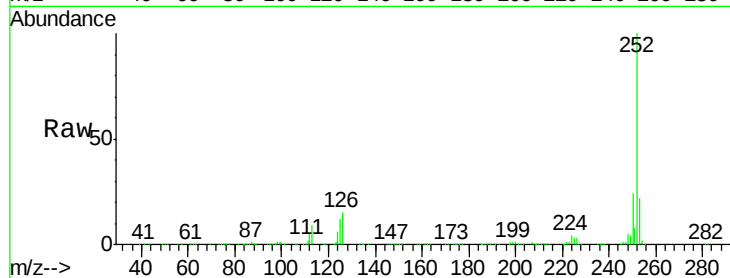
Tot Ion:252 Resp: 856780

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

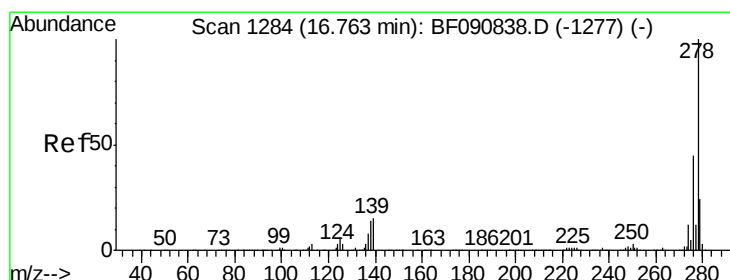
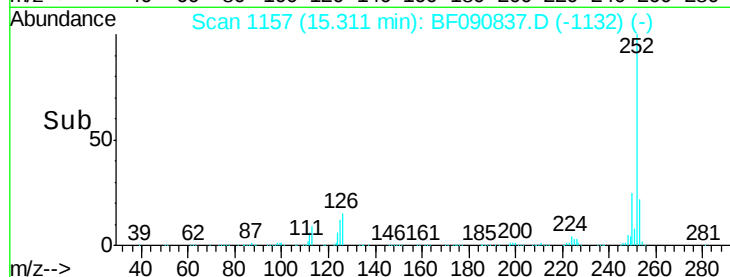
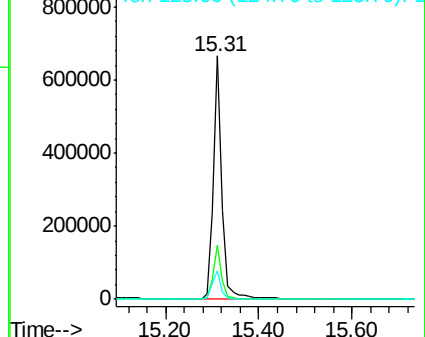
125 11.9 18.0 27.0#



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: 22.91 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF090837.D

Acq: 26 Oct 2016 12:33

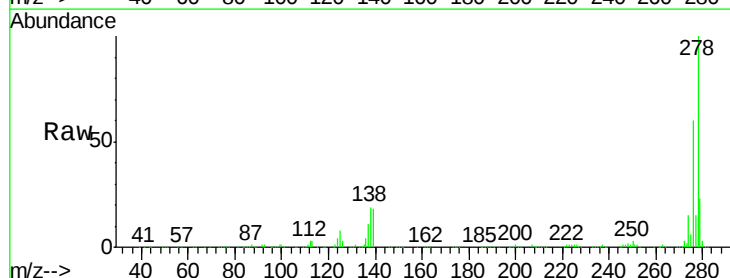
Tgt Ion:278 Resp: 746878

Ion Ratio Lower Upper

278 100

139 17.7 26.3 39.5#

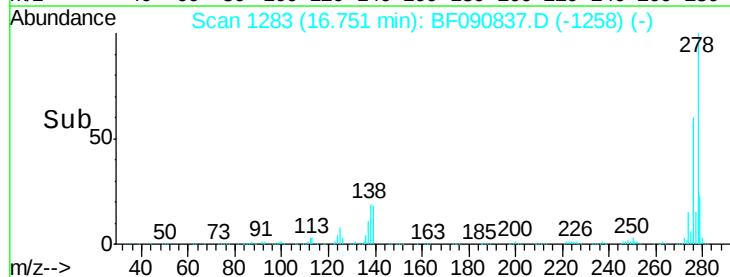
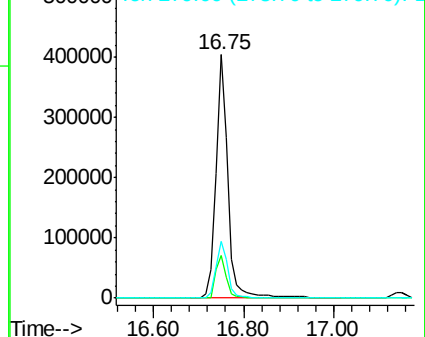
279 23.4 18.2 27.4

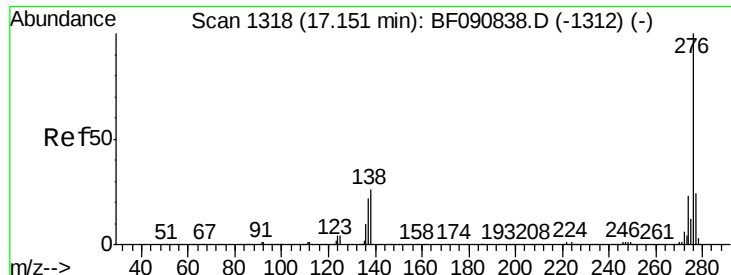


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.72 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF090837.D
 Acq: 26 Oct 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 686710
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.8 26.6
 138 22.7 34.6 51.8#

