

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090511.D
 Acq On : 11 Oct 2016 19:30
 Operator : UM/SJ
 Sample : PB93820BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Quant Time: Oct 12 00:57:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	228053	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	923970	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	483184	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	851259	20.00	ng	0.01
75) Chrysene-d12	14.13	240	823977	20.00	ng	0.00
86) Perylene-d12	15.61	264	564726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1420268	96.89	ng	0.01
7) Phenol-d6	6.59	99	1923375	103.97	ng	0.00
23) Nitrobenzene-d5	7.51	82	1232000	72.32	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	622993	130.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2273178	79.06	ng	0.00
78) Terphenyl-d14	13.08	244	2763531	81.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	201571	28.03	ng	# 84
3) Pyridine	3.46	79	578394	29.10	ng	# 76
4) n-Nitrosodimethylamine	3.40	42	227040	34.86	ng	# 47
6) Aniline	6.61	93	430211	18.33	ng	99
8) 2-Chlorophenol	6.74	128	532844	34.17	ng	99
9) Benzaldehyde	6.50	77	172747	14.82	ng	96
10) Phenol	6.60	94	769151	36.86	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	591837	37.89	ng	93
12) 1,3-Dichlorobenzene	6.90	146	586912	34.88	ng	99
13) 1,4-Dichlorobenzene	6.97	146	553779	32.26	ng	98
14) 1,2-Dichlorobenzene	7.13	146	581450	37.27	ng	98
15) Benzyl Alcohol	7.09	79	477618	33.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	728578	32.55	ng	88
17) 2-Methylphenol	7.21	107	438972	34.61	ng	100
18) Hexachloroethane	7.47	117	218234	34.45	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	412762	34.98	ng	# 80
20) 3+4-Methylphenols	7.37	107	597005	37.18	ng	# 74
22) Acetophenone	7.37	105	763285	37.52	ng	# 89
24) Nitrobenzene	7.54	77	669542	36.64	ng	# 89
25) Isophorone	7.78	82	1144995	36.93	ng	98
26) 2-Nitrophenol	7.86	139	302879	36.33	ng	95
27) 2,4-Dimethylphenol	7.89	122	527997	37.26	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	675752	35.29	ng	# 97
29) 2,4-Dichlorophenol	8.10	162	452159	38.15	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	462176	33.95	ng	99
31) Naphthalene	8.26	128	1545938	33.58	ng	98
32) Benzoic acid	8.02	122	367844	32.89	ng	89
33) 4-Chloroaniline	8.30	127	209010	10.73	ng	96
34) Hexachlorobutadiene	8.38	225	270057	35.48	ng	99
35) Caprolactam	8.67	113	95127	24.76	ng	# 78
36) 4-Chloro-3-methylphenol	8.79	107	490768	35.46	ng	99
37) 2-Methylnaphthalene	8.95	142	1058041	34.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	498427	36.85	ng	98
40) Hexachlorocyclopentadiene	9.11	237	622101	92.65	ng	99

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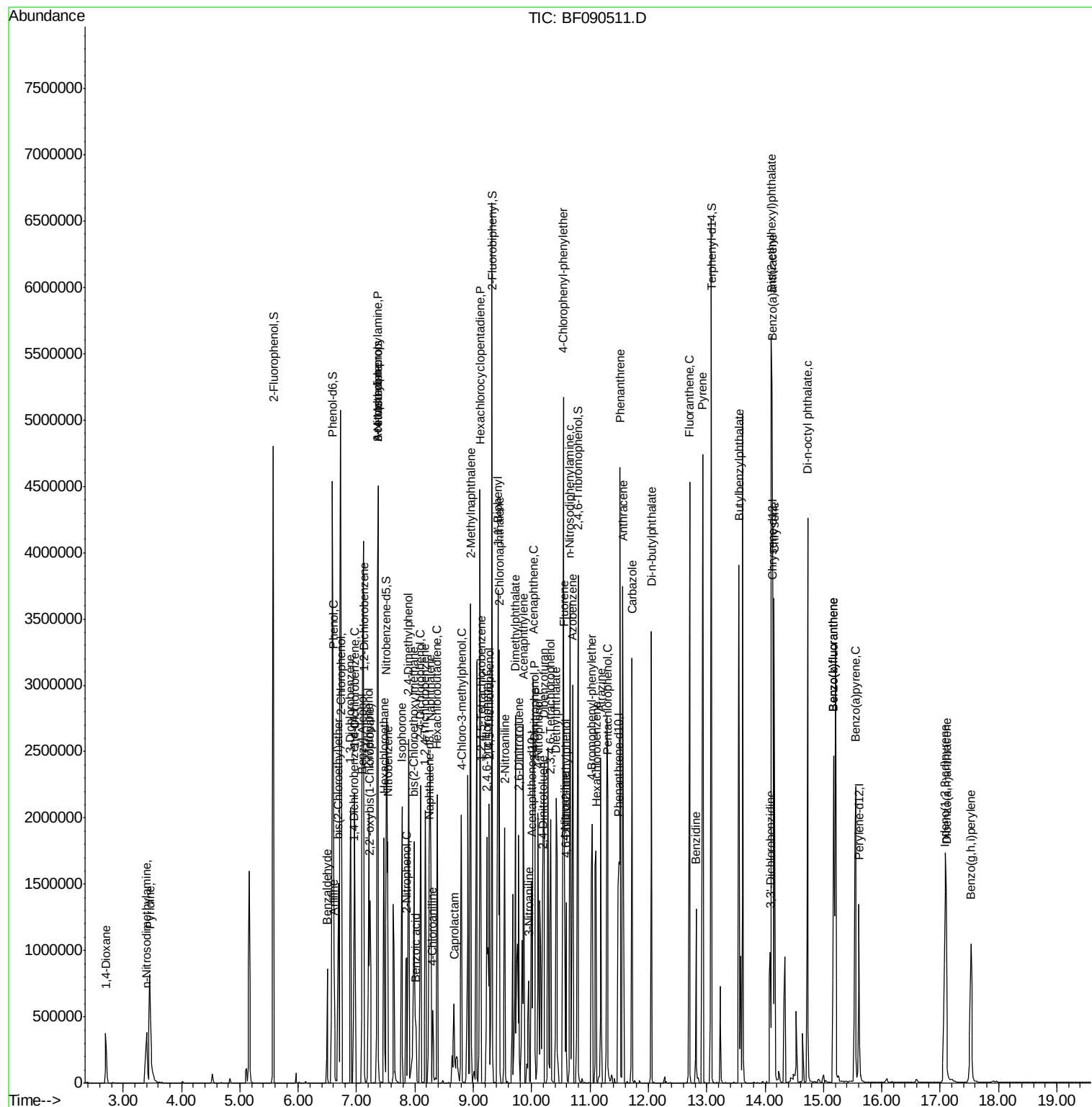
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	318234	34.89	ng	97
43) 2,4,5-Trichlorophenol	9.27	196	335863	37.21	ng	95
45) 1,1'-Biphenyl	9.42	154	1360238	36.86	ng	95
46) 2-Chloronaphthalene	9.45	162	1039732	37.87	ng	97
47) 2-Nitroaniline	9.54	65	364377	37.20	ng	95
48) Acenaphthylene	9.86	152	1500401	33.87	ng	98
49) Dimethylphthalate	9.72	163	1150411	35.40	ng	99
50) 2,6-Dinitrotoluene	9.78	165	245125	34.16	ng	95
51) Acenaphthene	10.03	154	1048084	35.30	ng	98
52) 3-Nitroaniline	9.95	138	160785	18.06	ng	# 83
53) 2,4-Dinitrophenol	10.05	184	282072	70.85	ng	# 82
54) Dibenzofuran	10.21	168	1492040	37.77	ng	97
55) 4-Nitrophenol	10.11	139	507335	73.33	ng	95
56) 2,4-Dinitrotoluene	10.19	165	393175	41.43	ng	94
57) Fluorene	10.55	166	1135810	35.22	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	310482	41.24	ng	96
59) Diethylphthalate	10.42	149	1231828	37.27	ng	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	608176	40.87	ng	# 89
61) 4-Nitroaniline	10.57	138	303090	33.37	ng	93
62) Azobenzene	10.70	77	1439928	39.89	ng	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	182229	32.05	ng	# 83
65) n-Nitrosodiphenylamine	10.66	169	931509	33.65	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	364354	38.63	ng	# 85
67) Hexachlorobenzene	11.10	284	379190	36.39	ng	# 84
68) Atrazine	11.18	200	290718	33.94	ng	98
69) Pentachlorophenol	11.30	266	484010	78.06	ng	98
70) Phenanthrene	11.51	178	1791866	38.19	ng	98
71) Anthracene	11.56	178	1604490	33.76	ng	98
72) Carbazole	11.72	167	1687645	37.60	ng	97
73) Di-n-butylphthalate	12.05	149	2082782	38.53	ng	# 97
74) Fluoranthene	12.70	202	1876725	39.19	ng	94
76) Benzidine	12.82	184	457934	17.68	ng	99
77) Pyrene	12.93	202	1854350	35.95	ng	99
79) Butylbenzylphthalate	13.55	149	873348	36.17	ng	88
80) Benzo(a)anthracene	14.12	228	1716146	34.95	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	299099	16.93	ng	# 100
82) Chrysene	14.16	228	1431115	31.31	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1229225	34.88	ng	# 99
84) Di-n-octyl phthalate	14.73	149	2053181	37.63	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.08	276	1071813	28.16	ng	97
87) Benzo(b)fluoranthene	15.17	252	1622266	43.54	ng	# 95
88) Benzo(k)fluoranthene	15.17	252	1622266	48.88	ng	99
89) Benzo(a)pyrene	15.55	252	1267612	38.74	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	924379	33.26	ng	98
91) Benzo(g,h,i)perylene	17.53	276	838340	32.61	ng	97

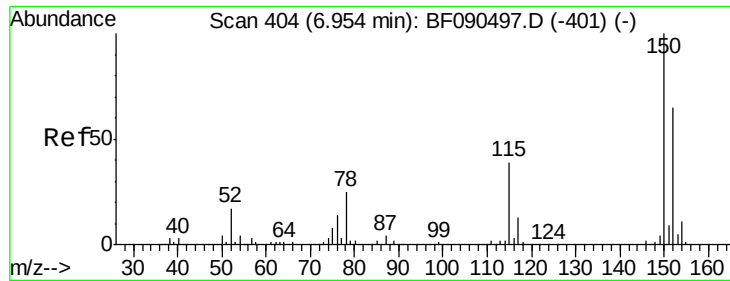
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

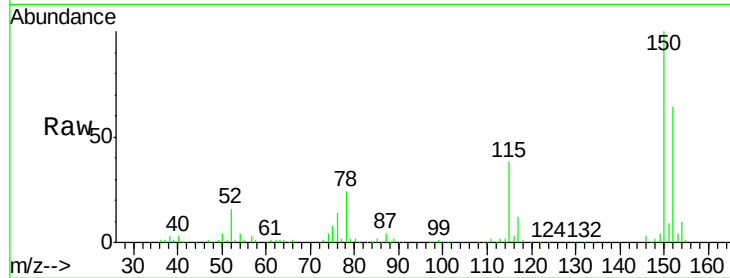
Tgt Ion:152 Resp: 228053

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

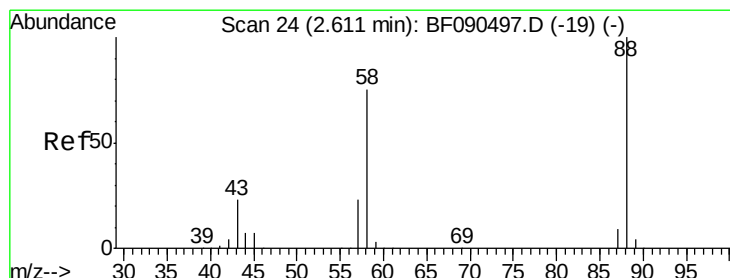
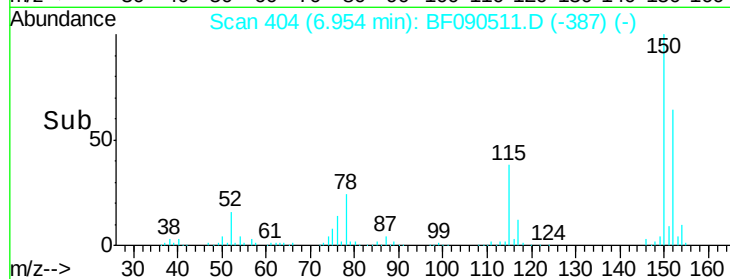
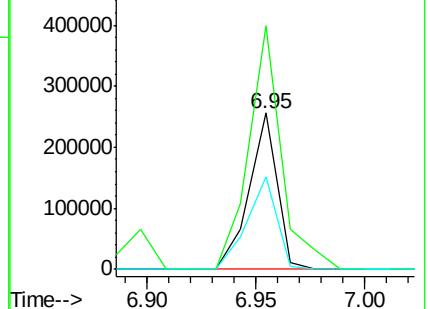
115 58.9 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.03 ng

RT: 2.70 min Scan# 32

Delta R.T. 0.09 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

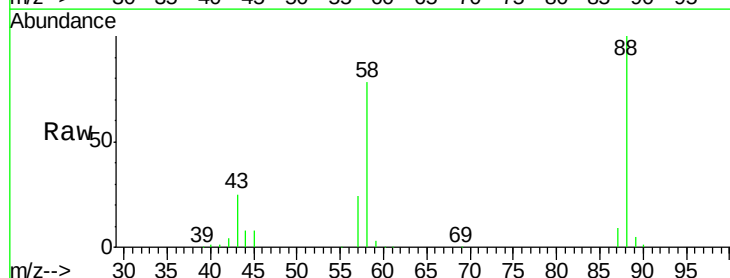
Tgt Ion: 88 Resp: 201571

Ion Ratio Lower Upper

88 100

58 76.3 71.2 106.8

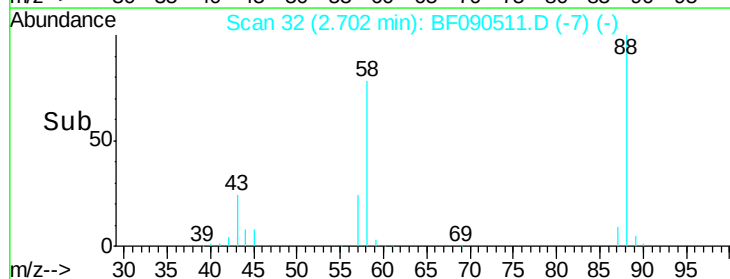
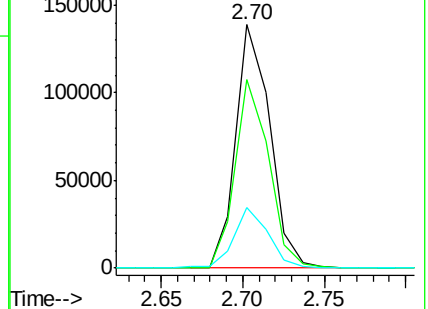
43 24.7 29.8 44.6#

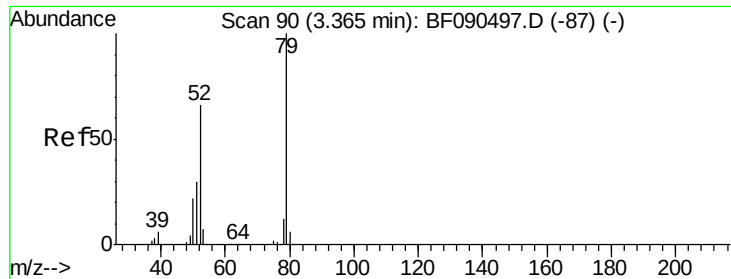


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.10 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.09 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

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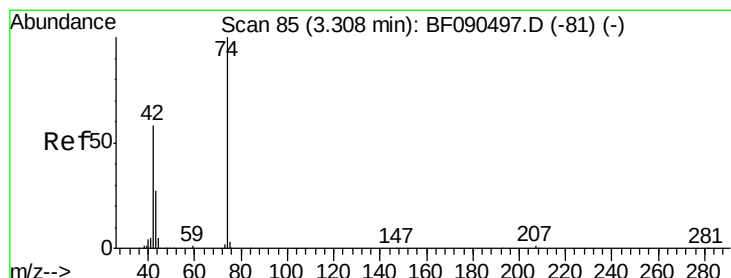
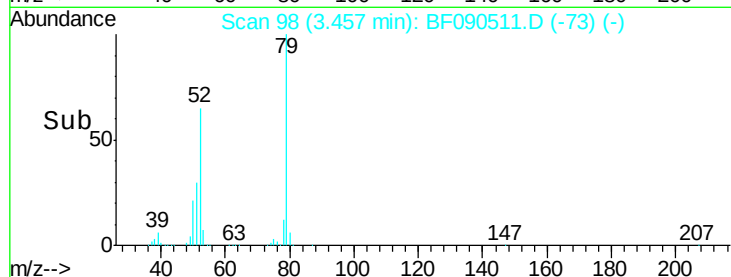
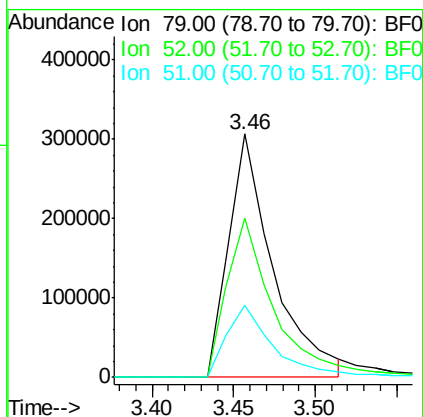
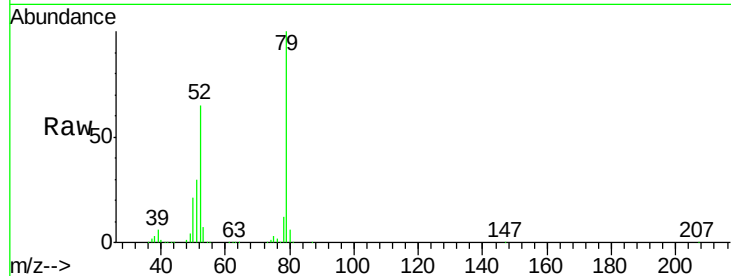
Tgt Ion: 79 Resp: 578394

Ion Ratio Lower Upper

79 100

52 65.3 71.3 106.9#

51 29.5 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 34.86 ng

RT: 3.40 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

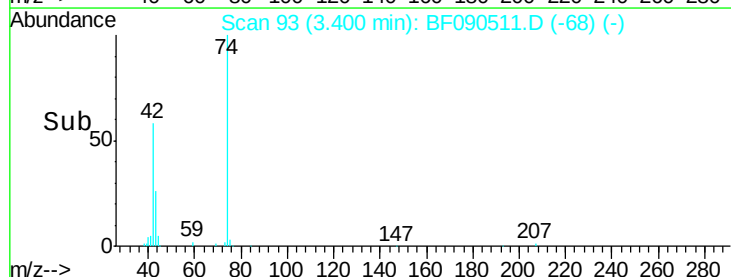
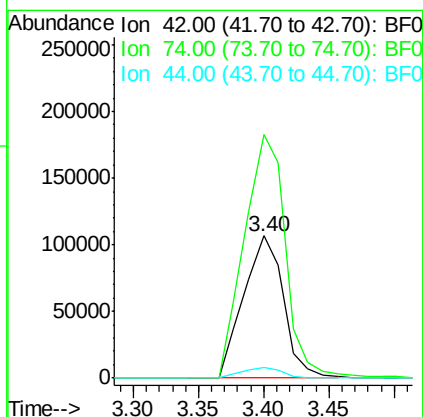
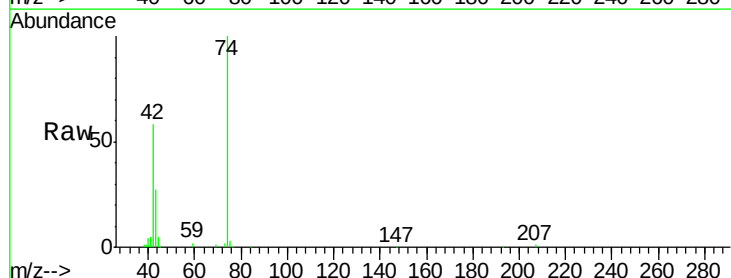
Tgt Ion: 42 Resp: 227040

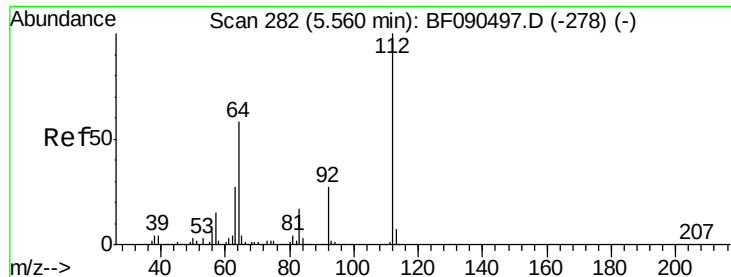
Ion Ratio Lower Upper

42 100

74 171.4 88.9 133.3#

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 96.89 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090511.D

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Instrument :

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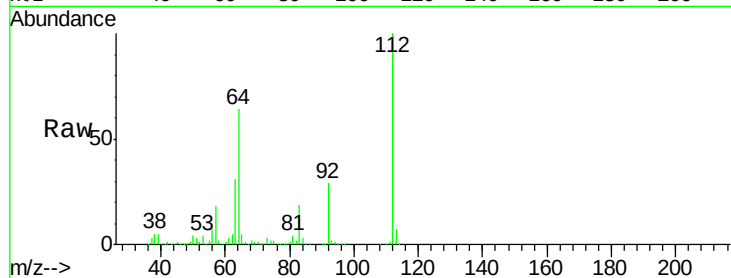
Tgt Ion: 112 Resp: 1420268

Ion Ratio Lower Upper

112 100

64 64.3 57.9 86.9

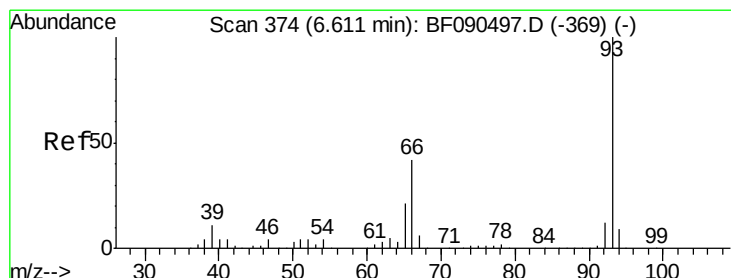
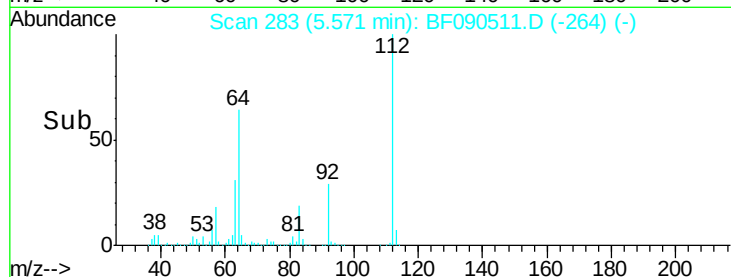
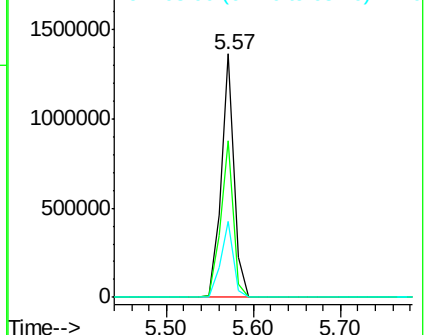
63 31.3 29.6 44.4



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: 18.33 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

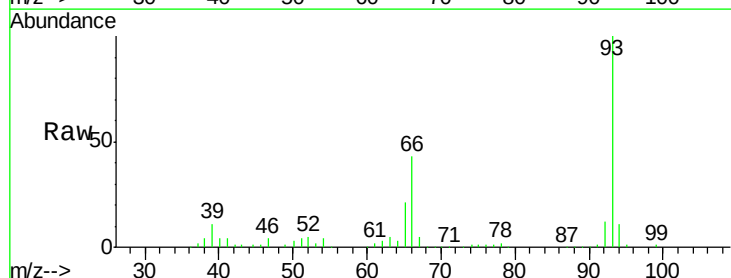
Tgt Ion: 93 Resp: 430211

Ion Ratio Lower Upper

93 100

66 42.9 34.5 51.7

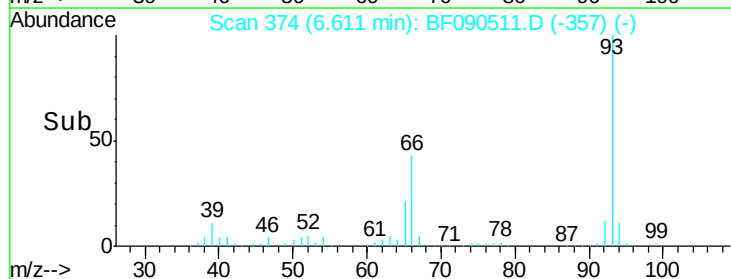
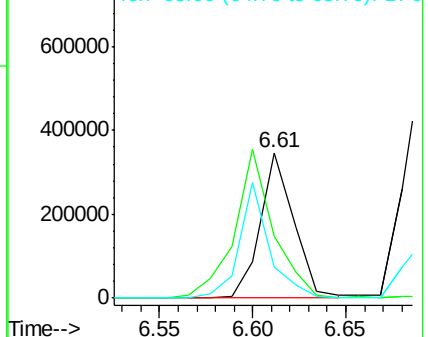
65 21.2 18.2 27.2

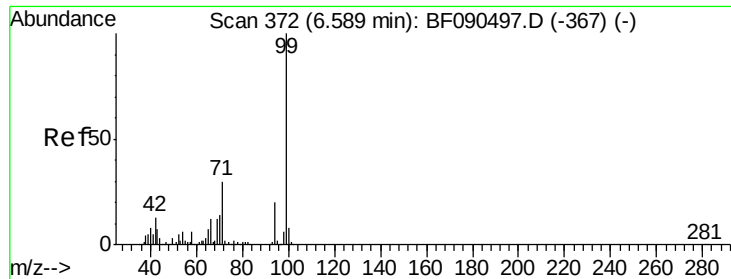


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.97 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

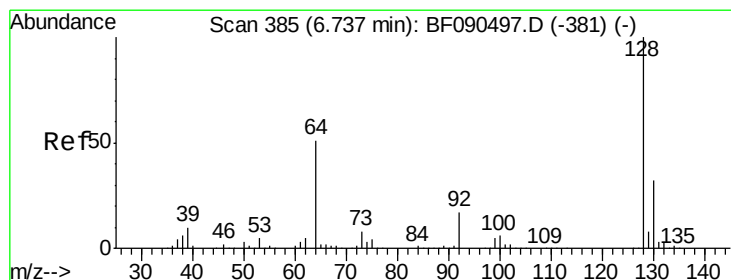
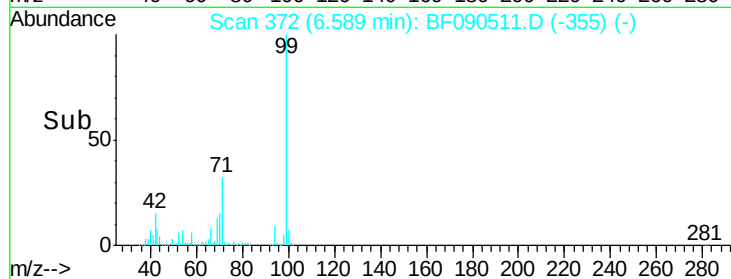
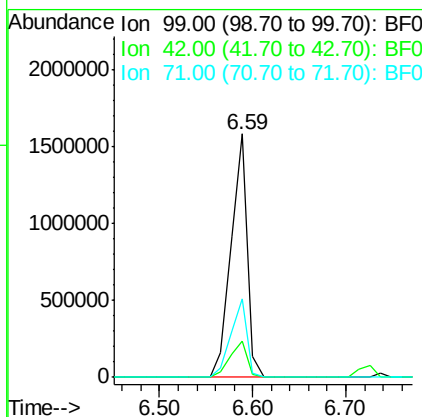
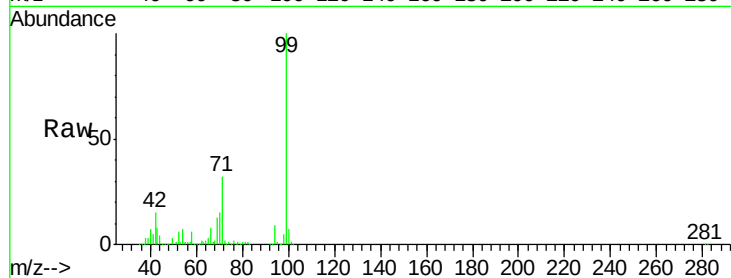
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Tgt Ion: 99 Resp: 1923375

Ion	Ratio	Lower	Upper
99	100		
42	15.0	20.0	30.0#
71	32.0	27.9	41.9



#8

2-Chlorophenol

Concen: 34.17 ng

RT: 6.74 min Scan# 385

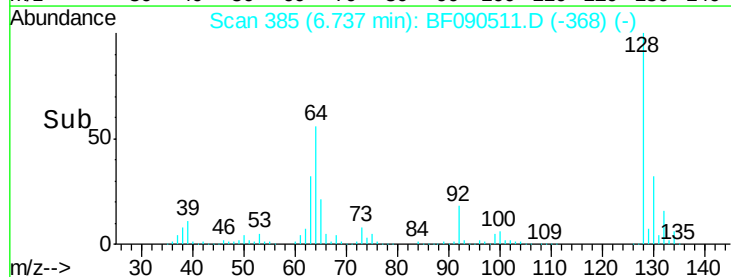
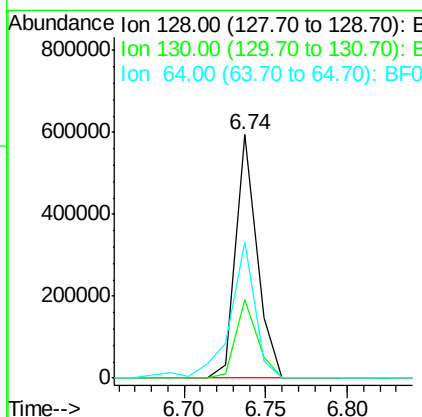
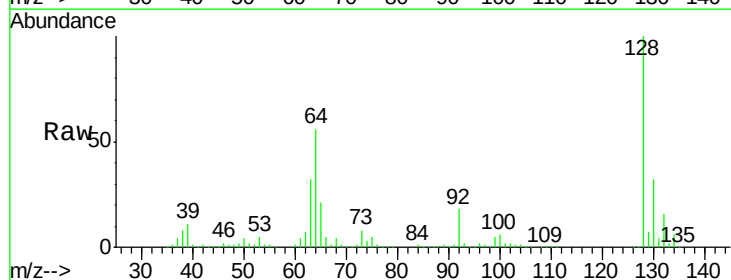
Delta R.T. -0.00 min

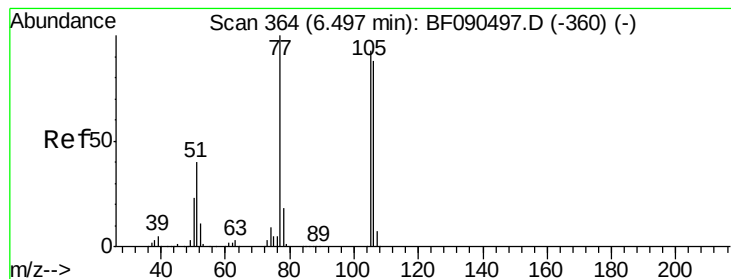
Lab File: BF090511.D

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Tgt Ion: 128 Resp: 532844

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	55.7	36.0	76.0





#9

Benzaldehyde

Concen: 14.82 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.00 min

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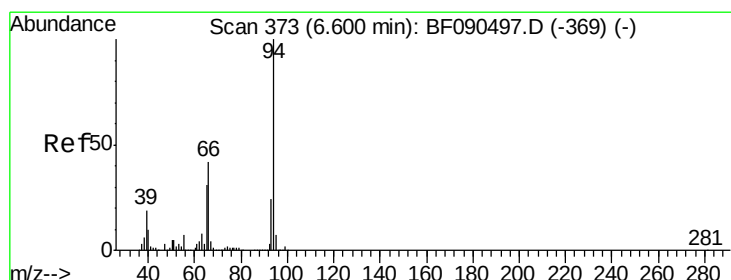
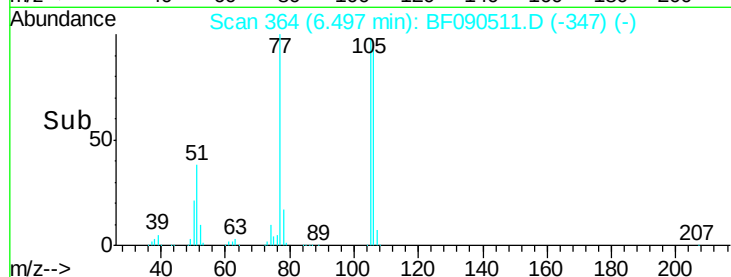
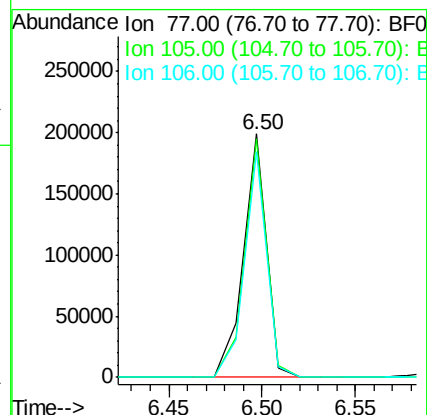
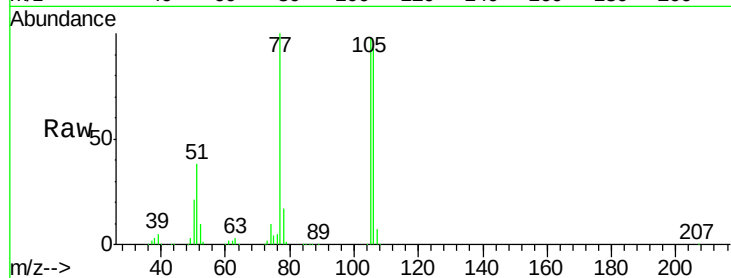
Tgt Ion: 77 Resp: 172747

Ion Ratio Lower Upper

77 100

105 97.9 73.1 113.1

106 92.7 70.2 110.2



#10

Phenol

Concen: 36.86 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

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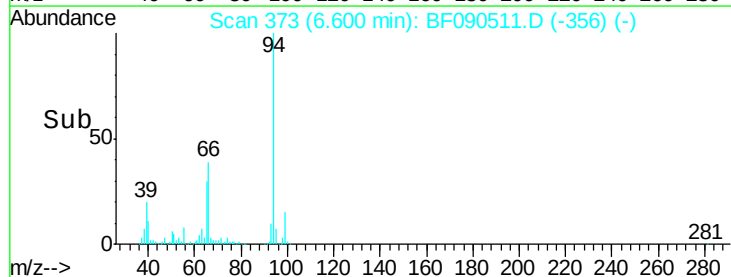
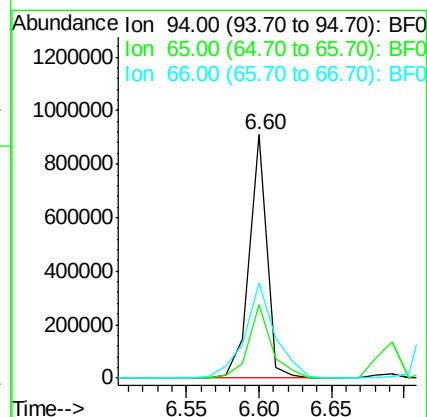
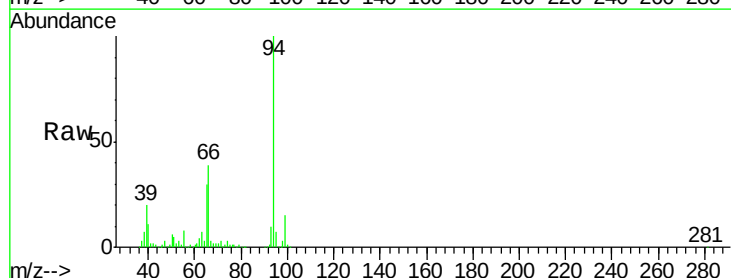
Tgt Ion: 94 Resp: 769151

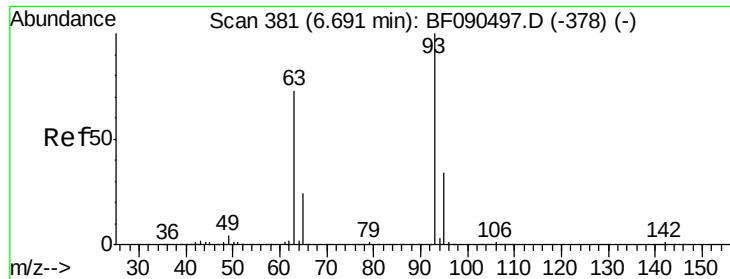
Ion Ratio Lower Upper

94 100

65 30.2 13.3 53.3

66 39.1 20.4 60.4

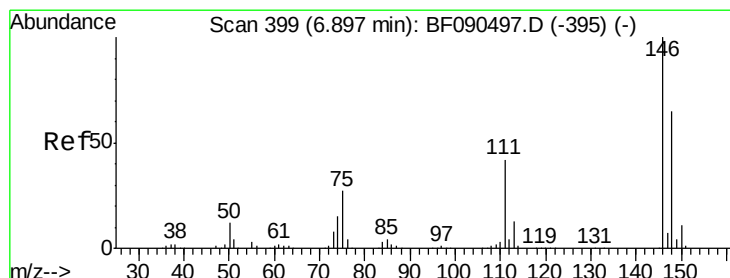
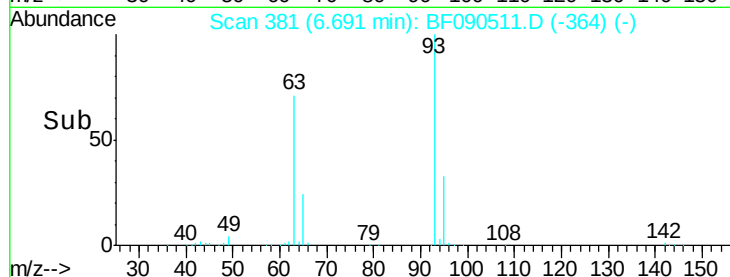
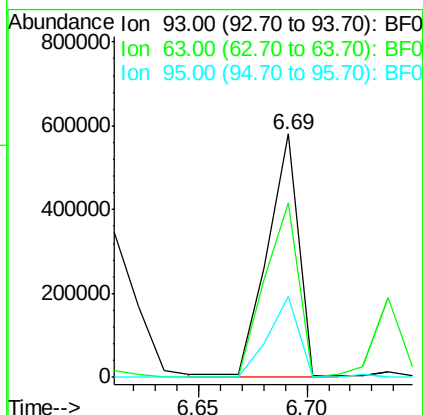
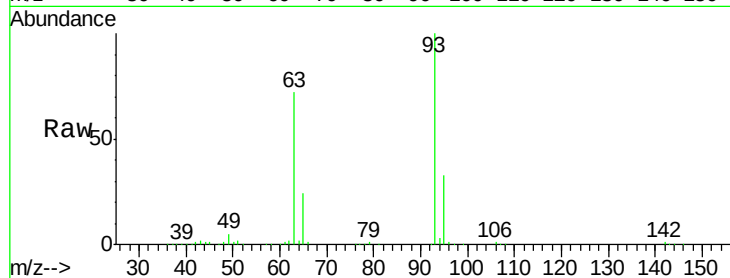




#11
 bis(2-Chloroethyl)ether
 Concen: 37.89 ng
 RT: 6.69 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

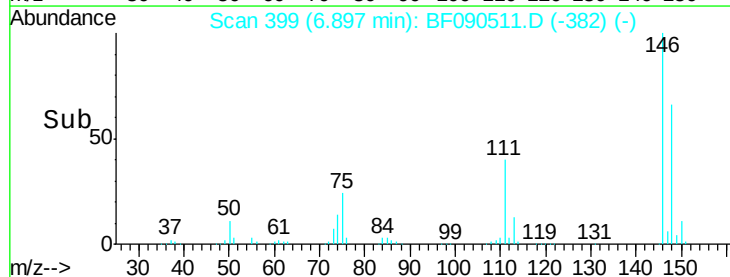
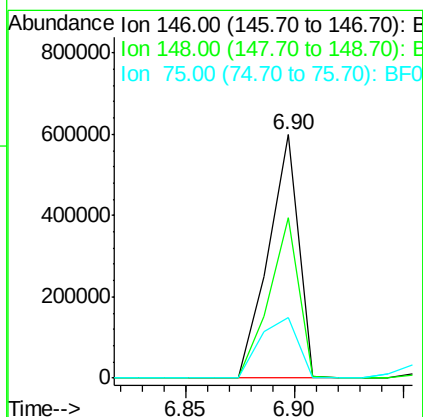
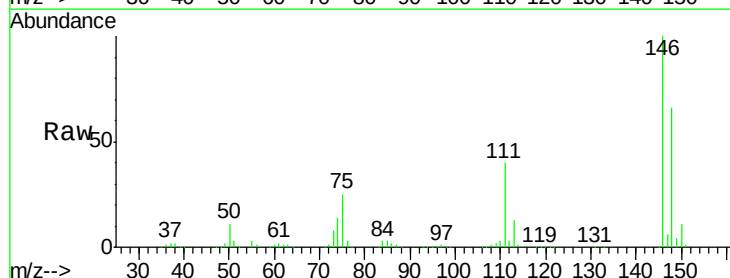
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

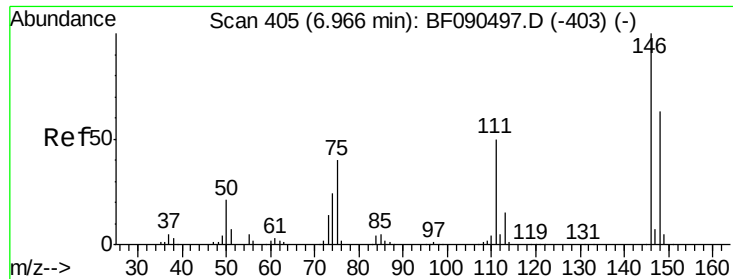
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.5	59.7	99.7
95	33.2	14.0	54.0



#12
 1,3-Dichlorobenzene
 Concen: 34.88 ng
 RT: 6.90 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.4
75	25.0	21.4	32.2

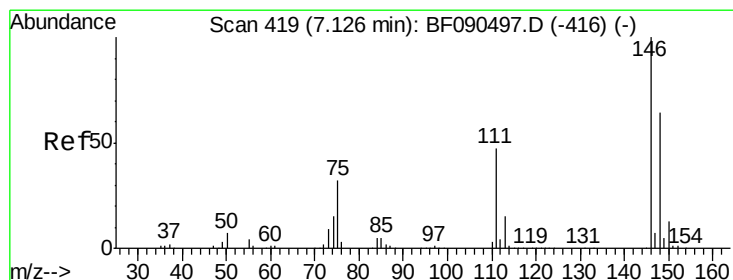
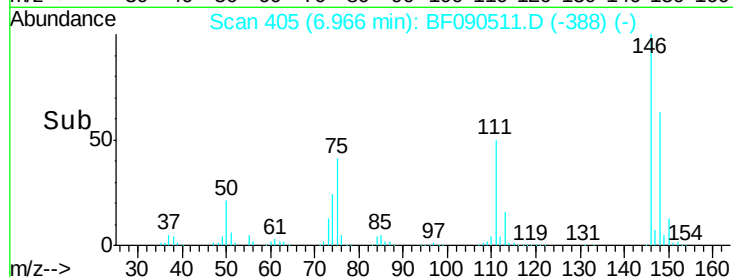
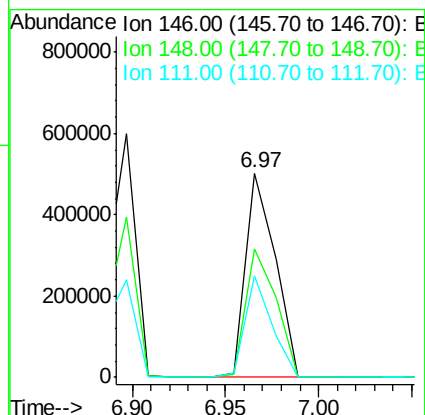
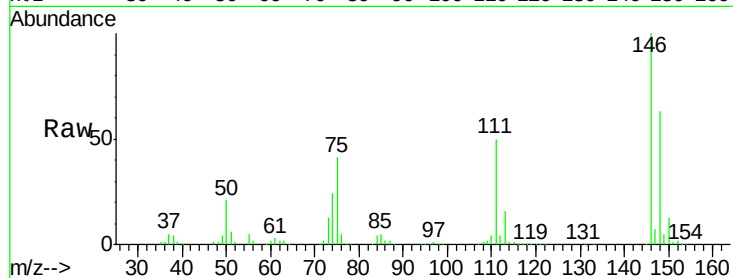




#13
 1,4-Dichlorobenzene
 Concen: 32.26 ng
 RT: 6.97 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

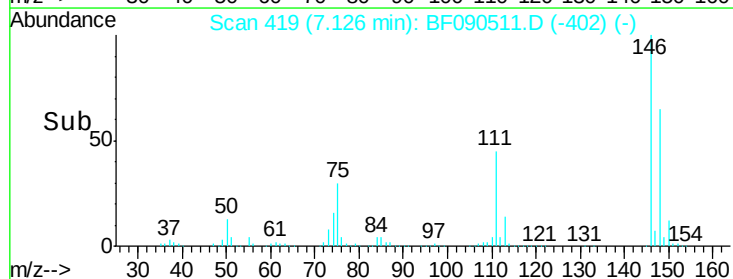
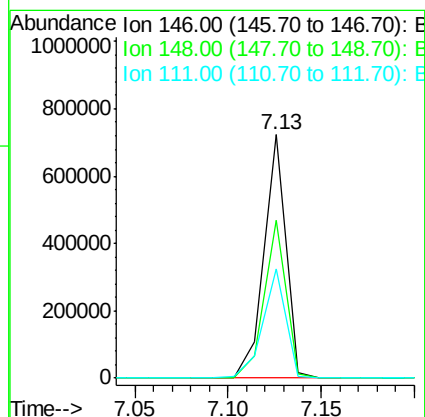
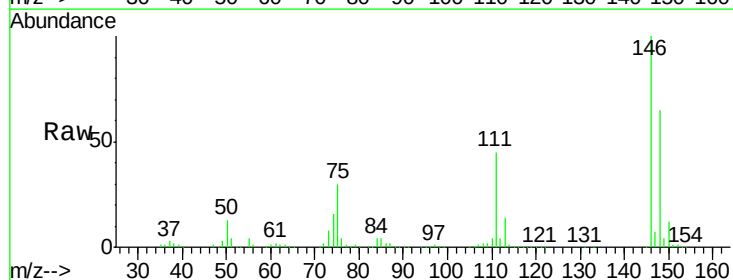
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

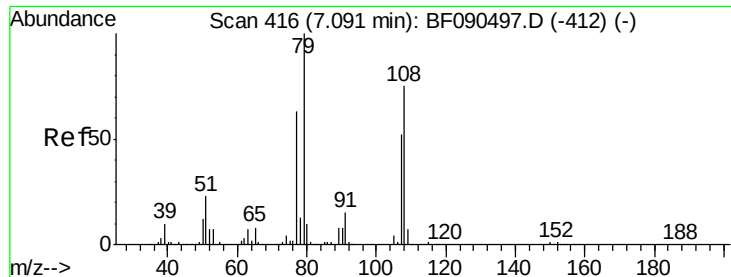
Tgt Ion:146 Resp: 553779
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 49.7 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.27 ng
 RT: 7.13 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:146 Resp: 581450
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 44.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 33.63 ng

RT: 7.09 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

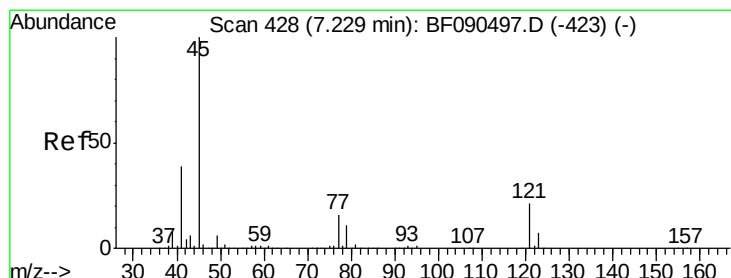
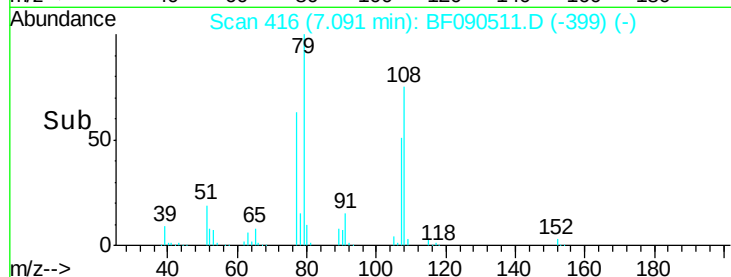
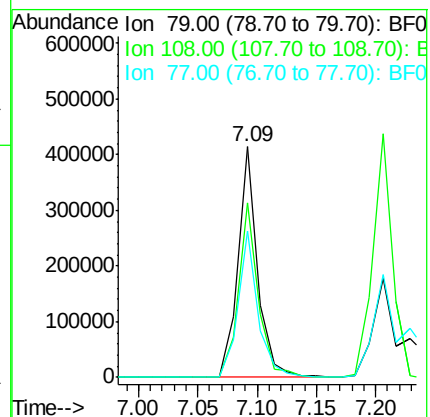
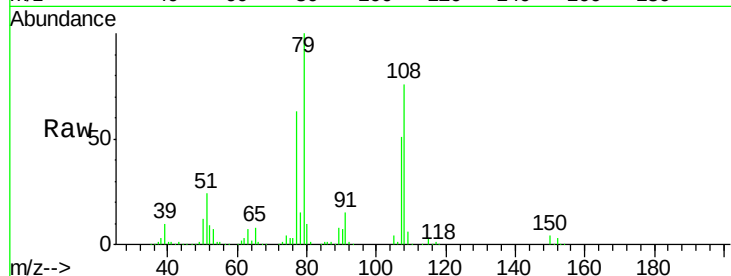
Tgt Ion: 79 Resp: 477618

Ion Ratio Lower Upper

79 100

108 75.9 60.9 91.3

77 63.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.55 ng

RT: 7.23 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

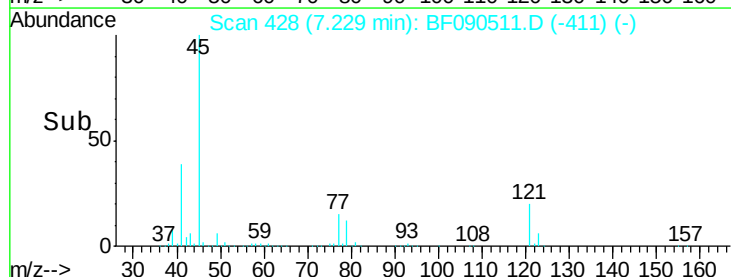
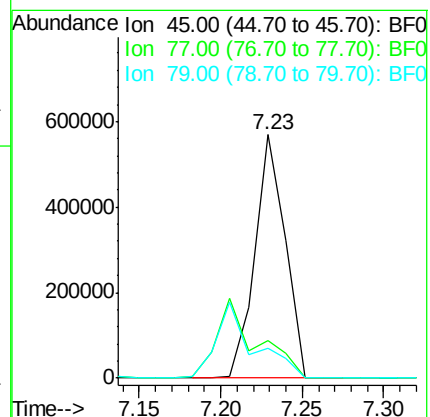
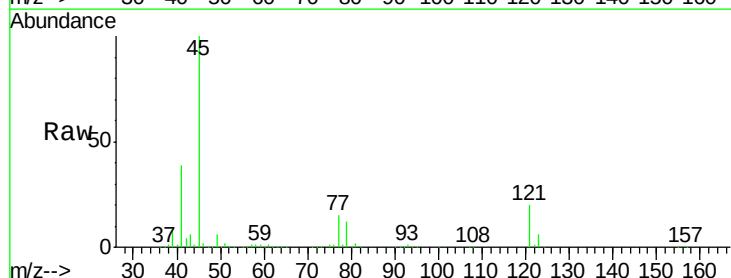
Tgt Ion: 45 Resp: 728578

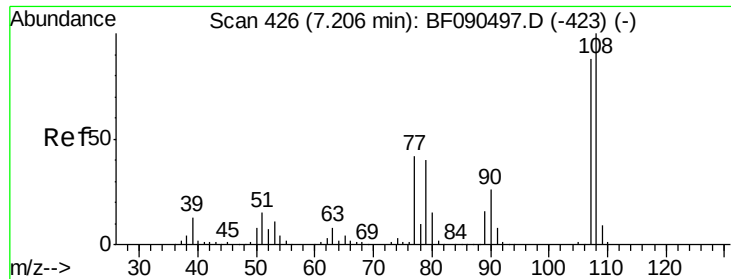
Ion Ratio Lower Upper

45 100

77 15.3 0.0 30.8

79 12.1 0.0 28.2

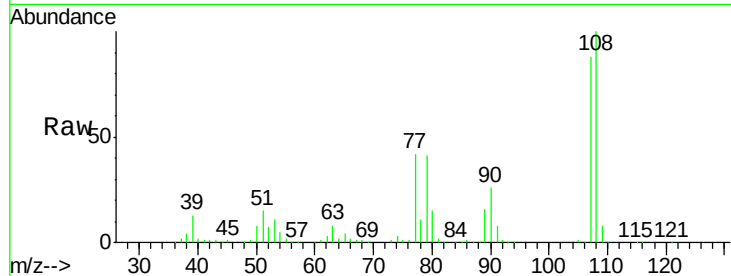




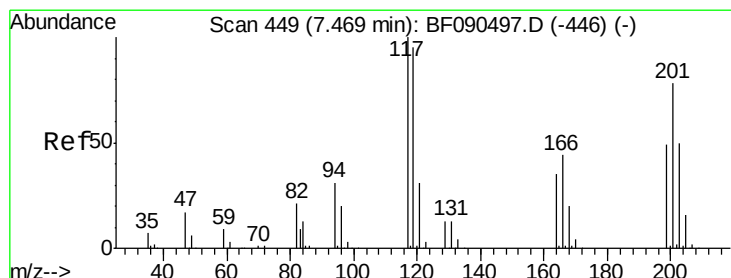
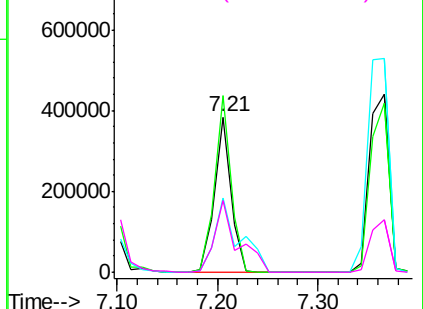
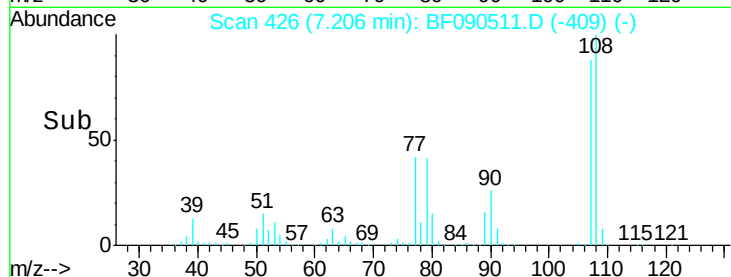
#17
2-Methylphenol
Concen: 34.61 ng
RT: 7.21 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tgt Ion:	107	Resp:	438972
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	48.1	38.2	57.4
79	46.3	37.0	55.4

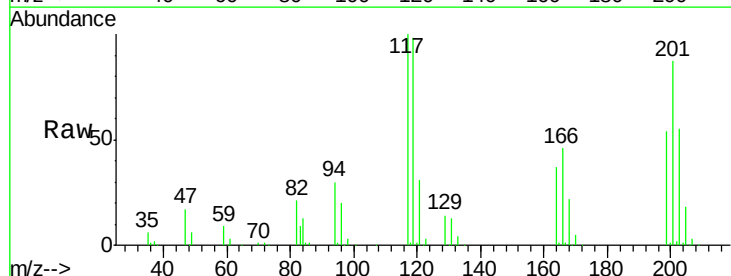


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

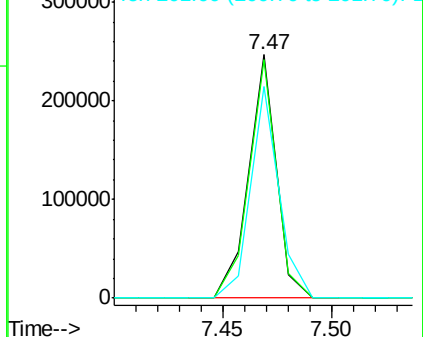
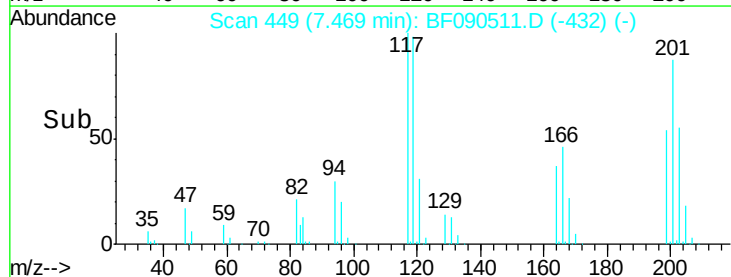


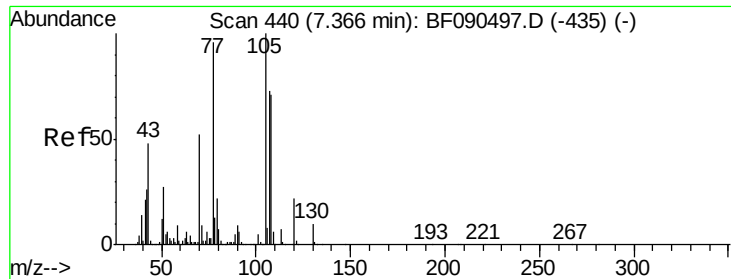
#18
Hexachloroethane
Concen: 34.45 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:	117	Resp:	218234
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.9	113.9
201	86.8	66.5	99.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

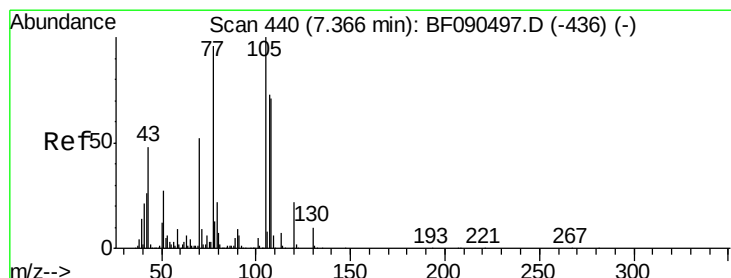
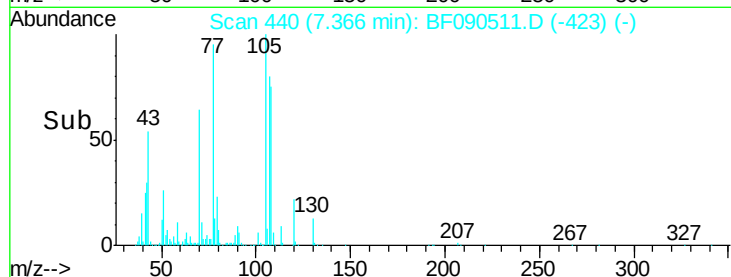
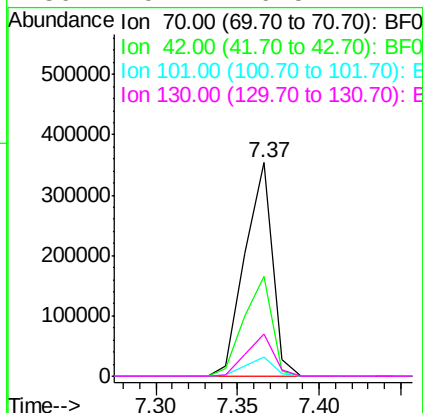
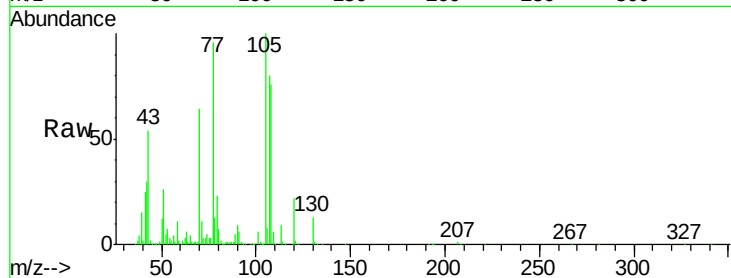




#19
n-Nitroso-di-n-propylamine
Concen: 34.98 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

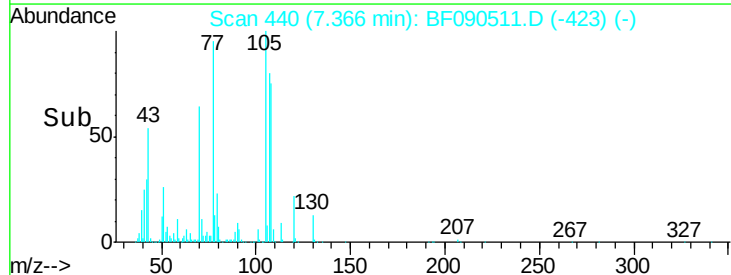
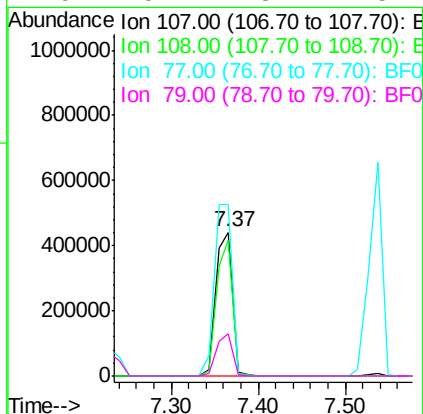
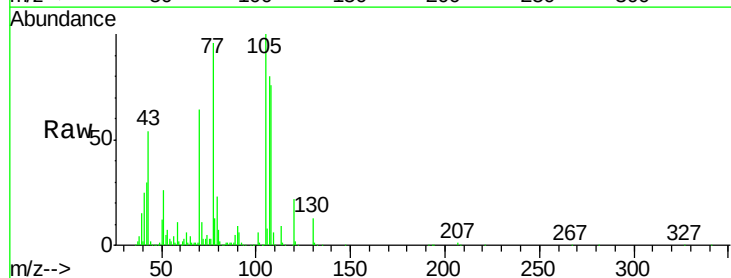
Instrument :
BNA_F
ClientSampleId :
PB93820BS

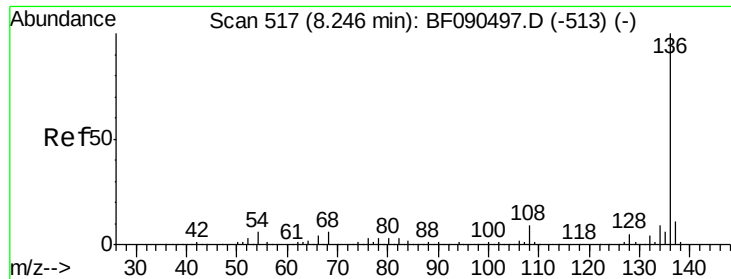
Tgt Ion:	70	Resp:	412762
Ion	Ratio	Lower	Upper
70	100		
42	46.9	55.4	83.2#
101	9.1	7.6	11.4
130	19.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 37.18 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:	107	Resp:	597005
Ion	Ratio	Lower	Upper
107	100		
108	94.9	66.7	106.7
77	119.8	53.7	93.7#
79	29.1	8.4	48.4

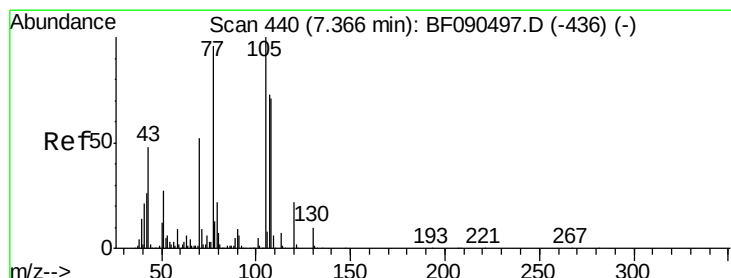
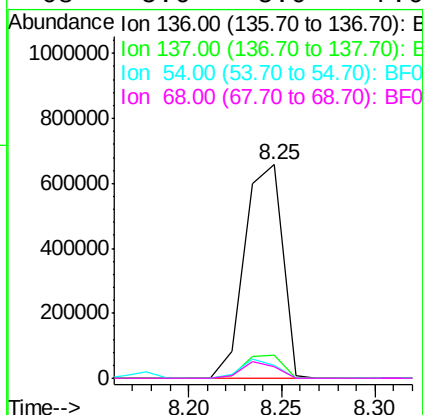
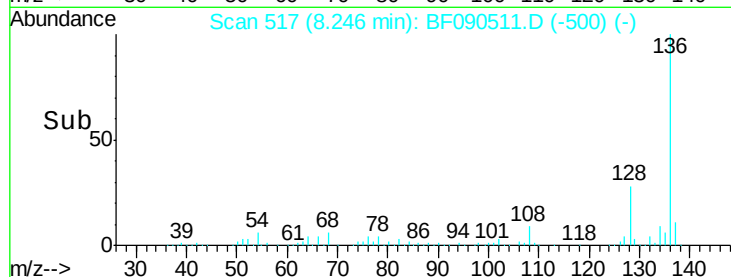
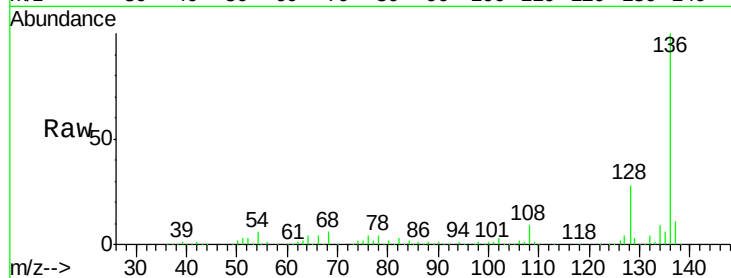




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

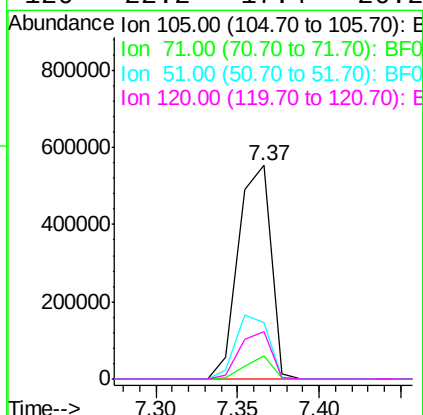
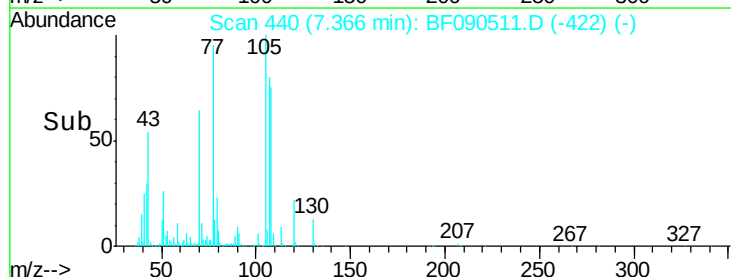
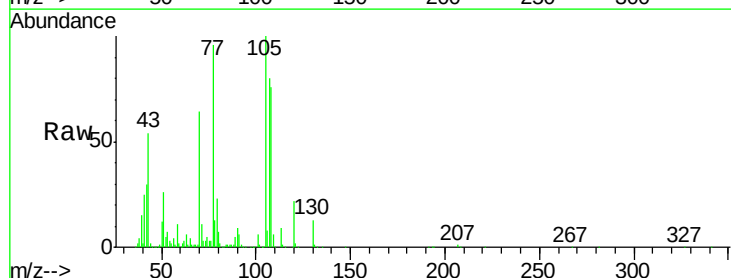
Instrument :
BNA_F
ClientSampleId :
PB93820BS

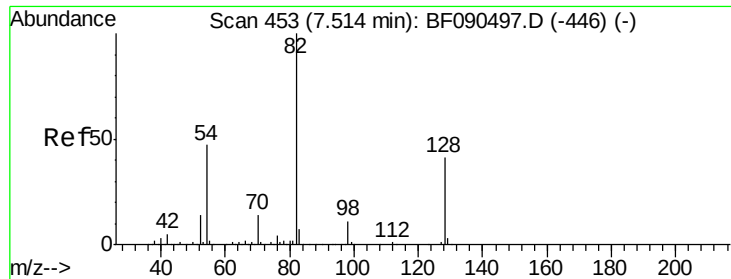
Tgt Ion:	136	Resp:	923970
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	5.9	6.6	10.0#
68	5.6	5.0	7.6



#22
Acetophenone
Concen: 37.52 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:	105	Resp:	763285
Ion Ratio	Lower	Upper	
105	100		
71	10.8	3.8	5.6#
51	26.3	28.2	42.4#
120	22.2	17.4	26.2

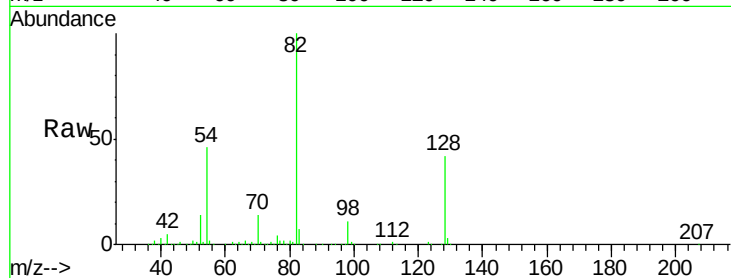




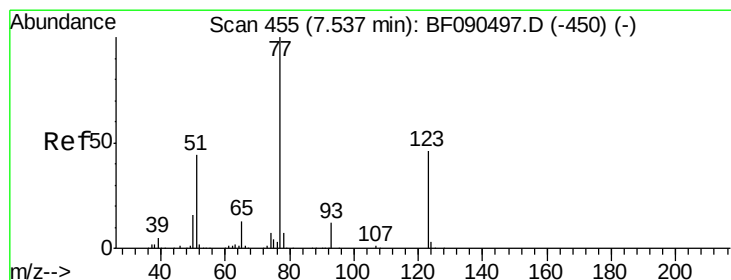
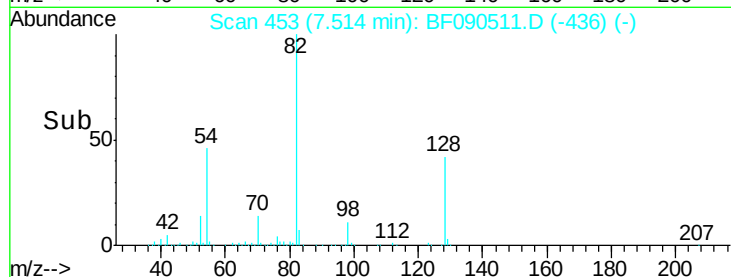
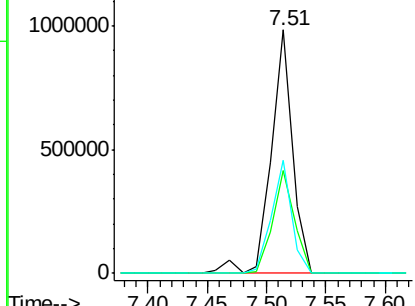
#23
 Nitrobenzene-d5
 Concen: 72.32 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion: 82 Resp: 1232000
 Ion Ratio Lower Upper
 82 100
 128 42.4 40.0 60.0
 54 46.3 42.6 64.0

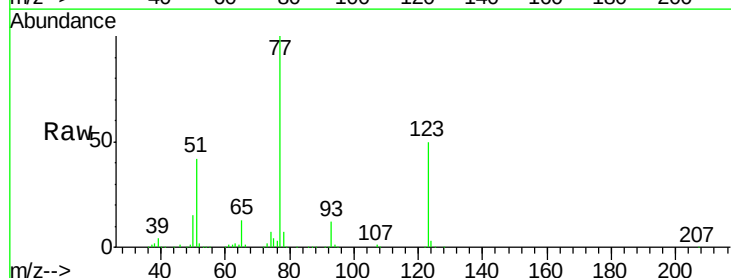


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

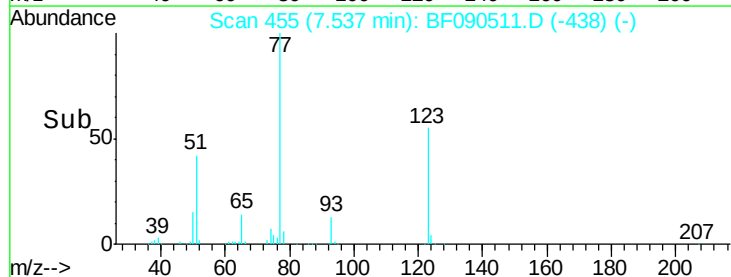
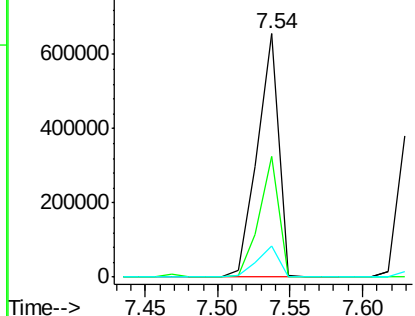


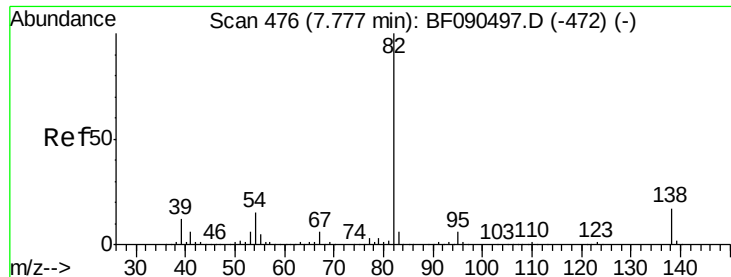
#24
 Nitrobenzene
 Concen: 36.64 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion: 77 Resp: 669542
 Ion Ratio Lower Upper
 77 100
 123 49.7 33.0 49.4#
 65 13.0 12.0 18.0



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: 36.93 ng

RT: 7.78 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

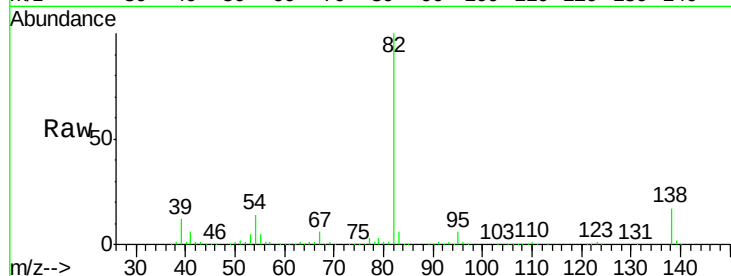
Tgt Ion: 82 Resp: 1144995

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

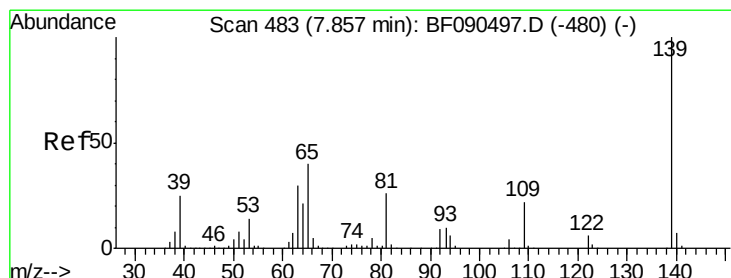
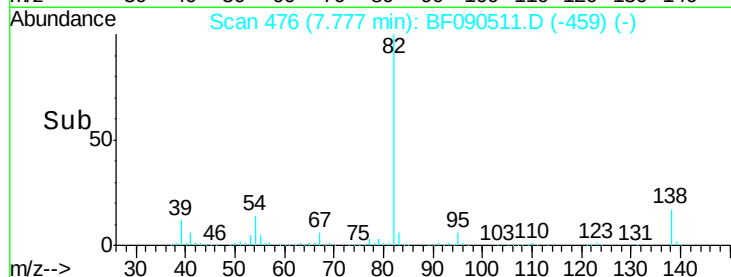
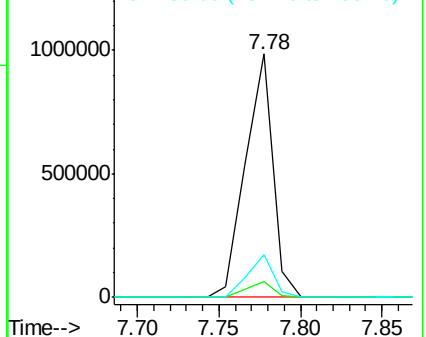
138 17.3 13.0 19.4



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: 36.33 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

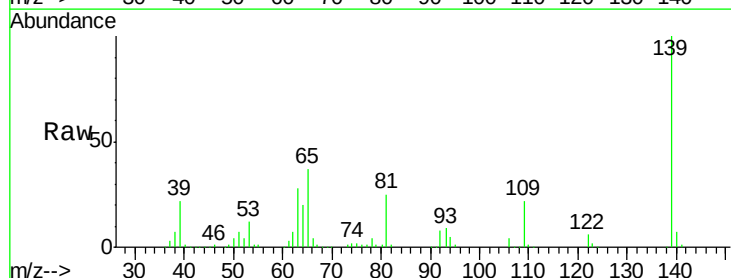
Tgt Ion: 139 Resp: 302879

Ion Ratio Lower Upper

139 100

109 21.5 18.9 28.3

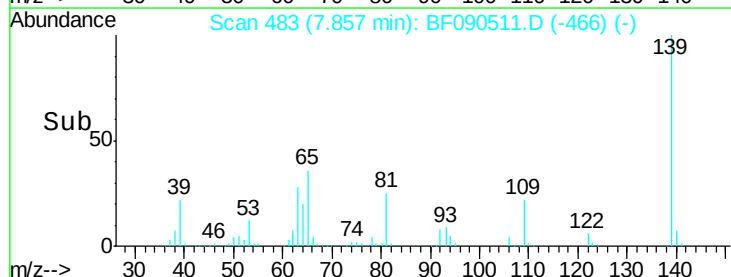
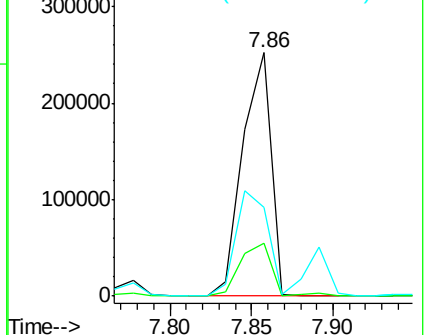
65 36.6 31.6 47.4

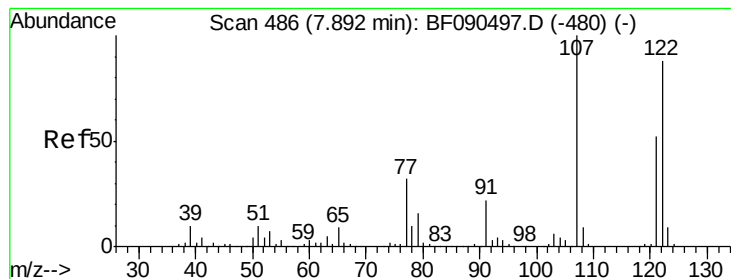


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.26 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

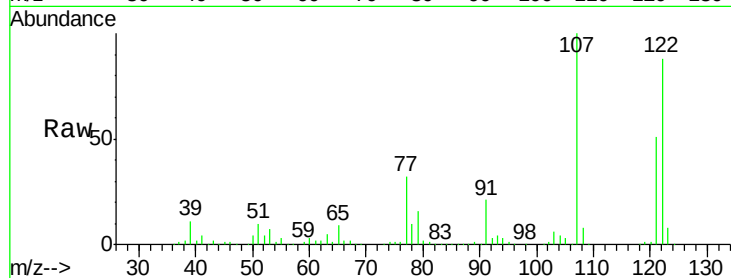
Tgt Ion: 122 Resp: 527997

Ion Ratio Lower Upper

122 100

107 113.9 88.6 132.8

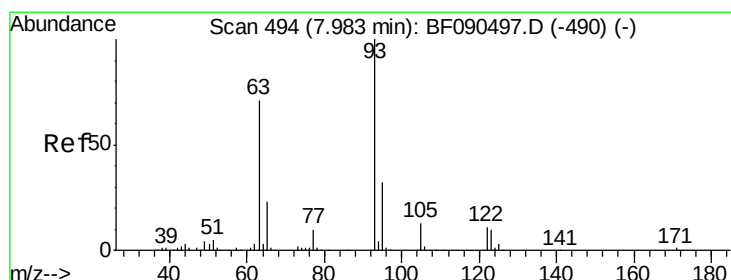
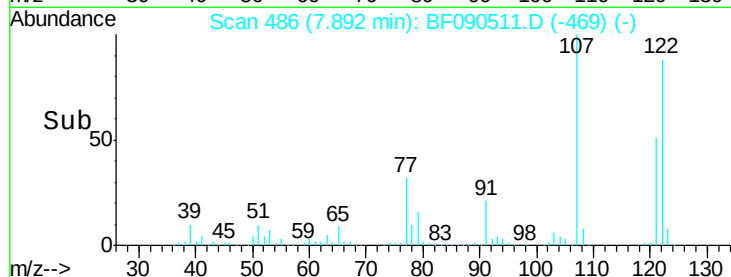
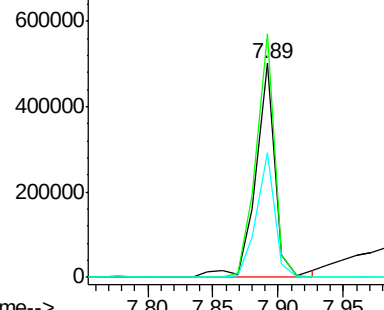
121 58.5 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.29 ng

RT: 7.98 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

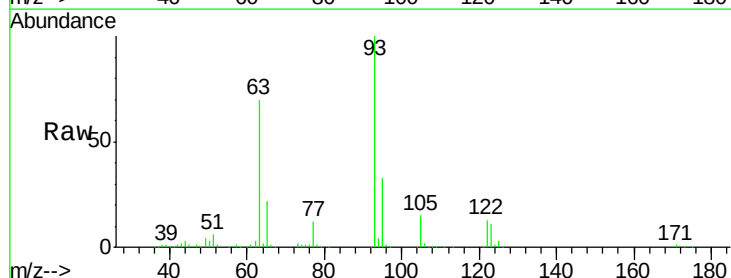
Tgt Ion: 93 Resp: 675752

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

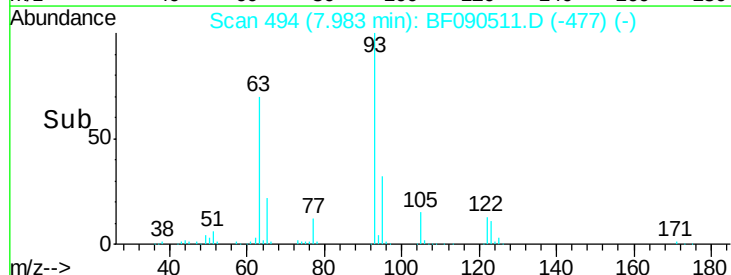
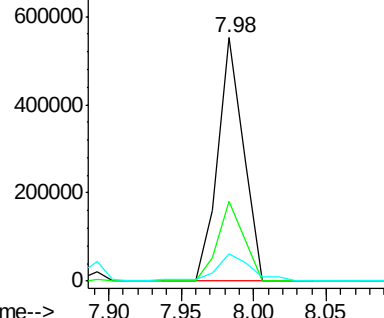
123 11.1 11.1 16.7#

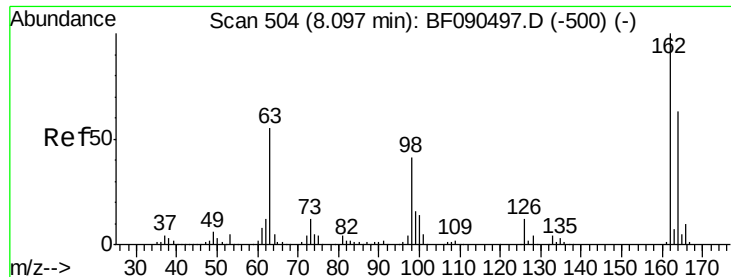


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

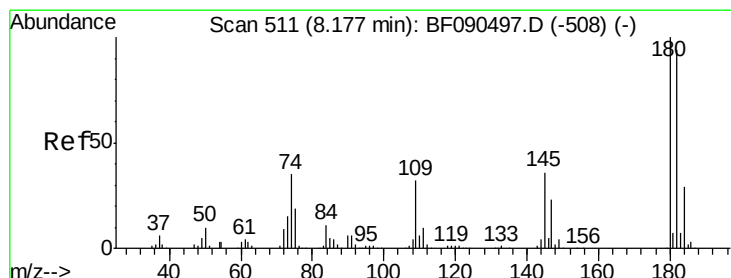
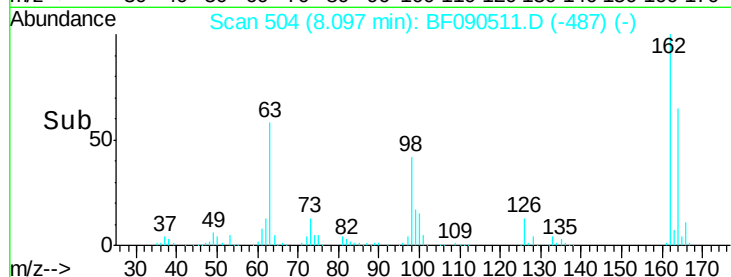
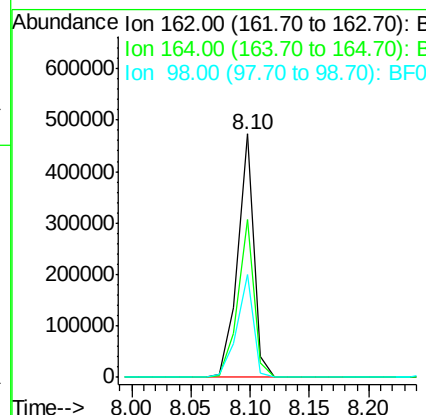
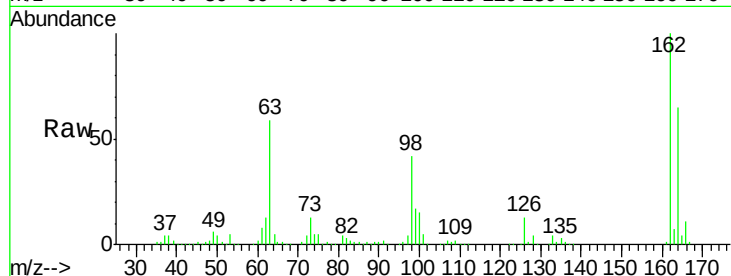




#29
 2,4-Dichlorophenol
 Concen: 38.15 ng
 RT: 8.10 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

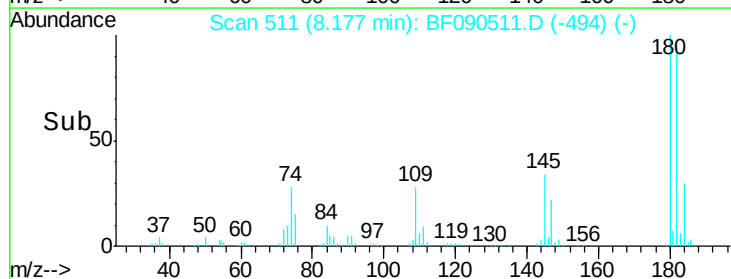
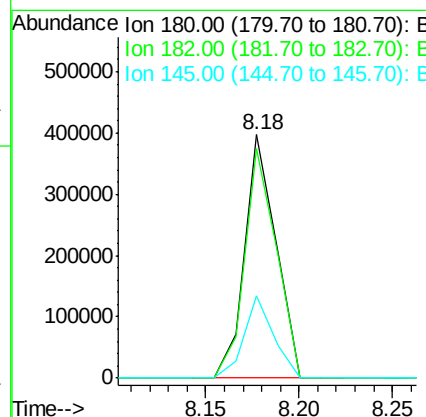
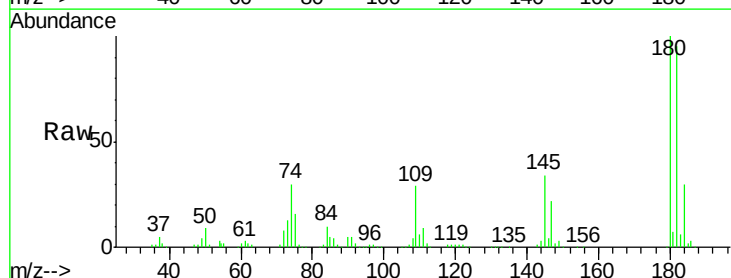
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

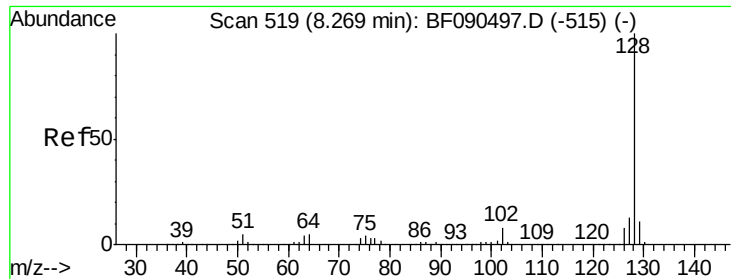
Tgt Ion:162 Resp: 452159
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.7 85.7
 98 42.5 13.3 53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 33.95 ng
 RT: 8.18 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:180 Resp: 462176
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.3 112.9
 145 34.0 27.7 41.5





#31

Naphthalene

Concen: 33.58 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

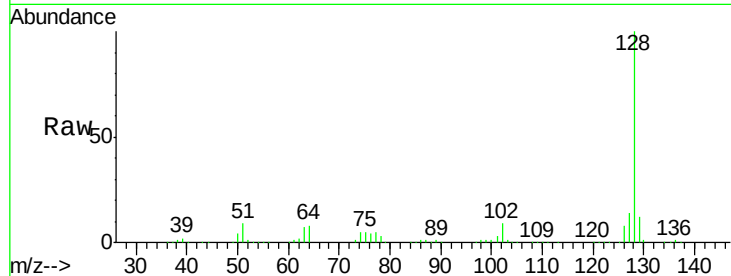
Tgt Ion:128 Resp: 1545938

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

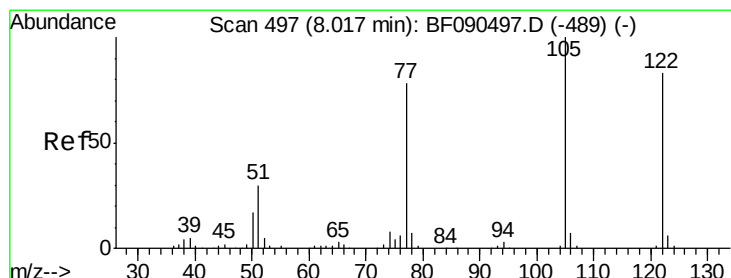
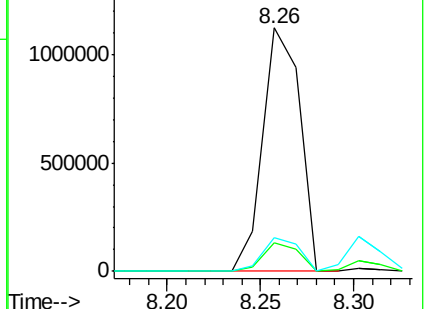
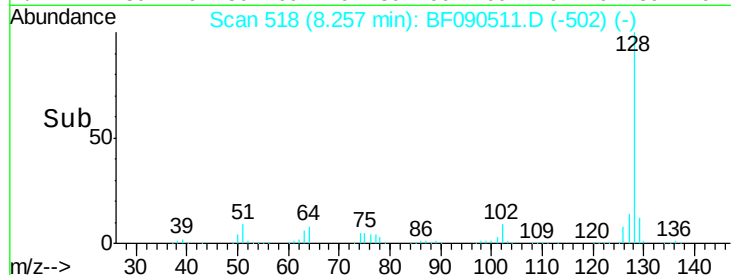
127 13.7 11.7 17.5



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: 32.89 ng

RT: 8.02 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

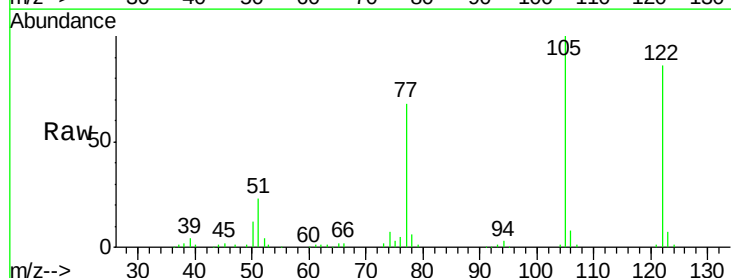
Tgt Ion:122 Resp: 367844

Ion Ratio Lower Upper

122 100

105 115.8 103.9 143.9

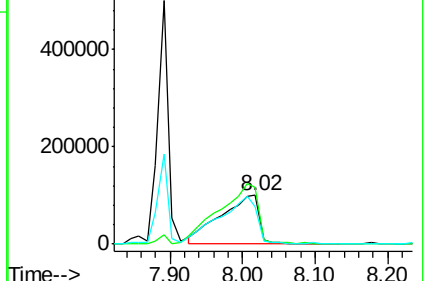
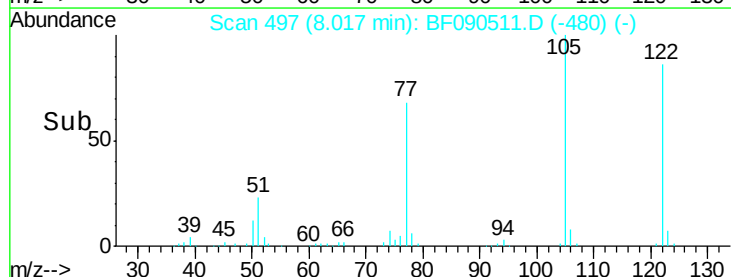
77 78.6 74.6 114.6

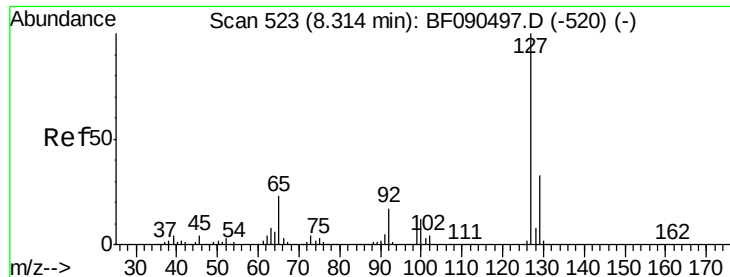


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

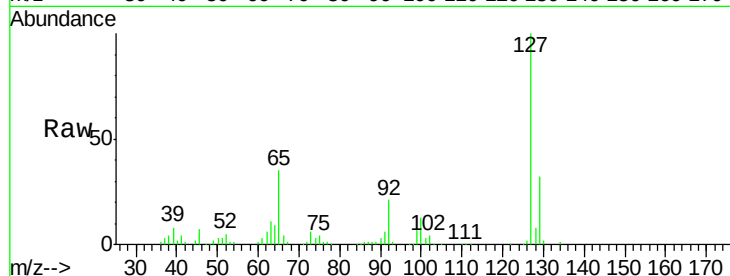




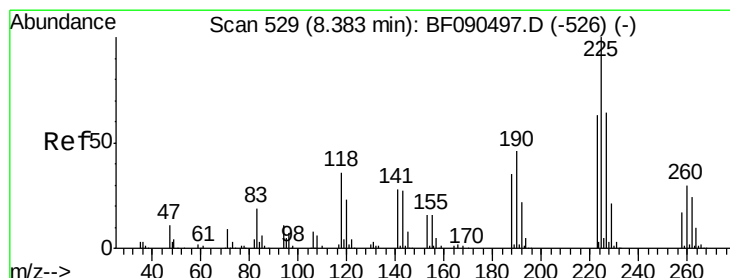
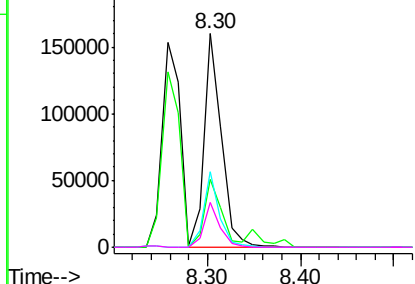
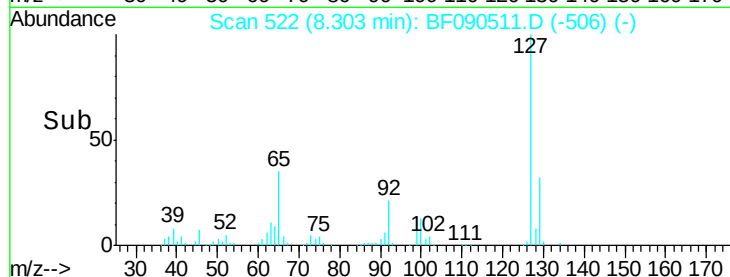
#33
4-Chloroaniline
Concen: 10.73 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tgt Ion:	127	Resp:	209010
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	35.4	32.5	48.7
92	20.8	17.2	25.8

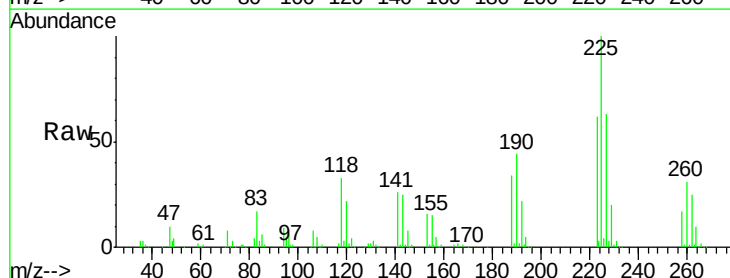


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

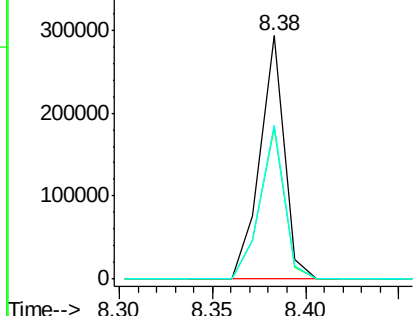
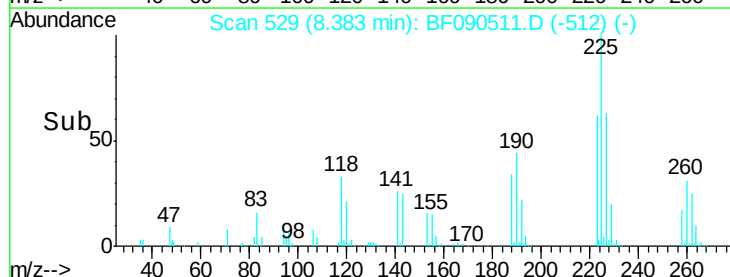


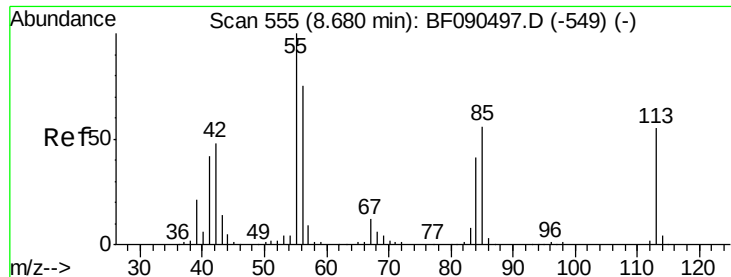
#34
Hexachlorobutadiene
Concen: 35.48 ng
RT: 8.38 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:	225	Resp:	270057
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.4
227	63.4	50.8	76.2



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

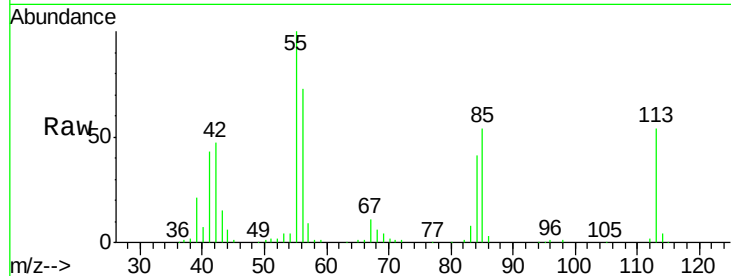




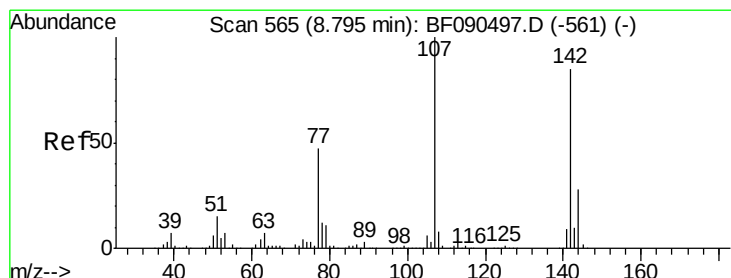
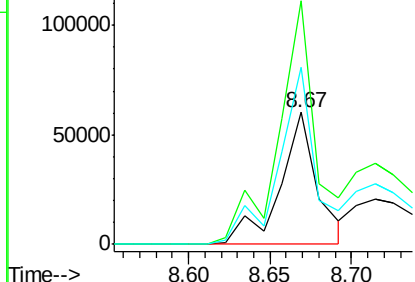
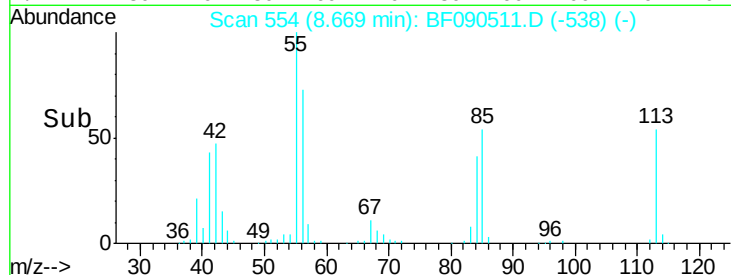
#35
 Caprolactam
 Concen: 24.76 ng
 RT: 8.67 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:113 Resp: 95127
 Ion Ratio Lower Upper
 113 100
 55 184.8 203.3 243.3#
 56 134.6 140.5 180.5#

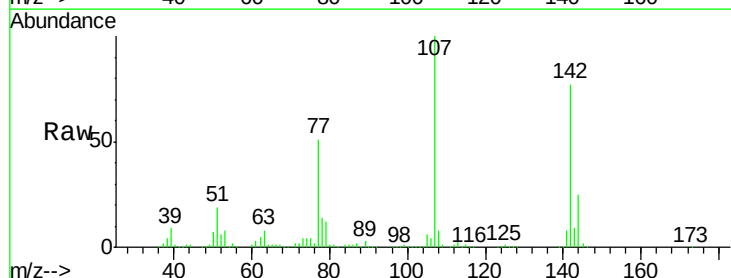


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

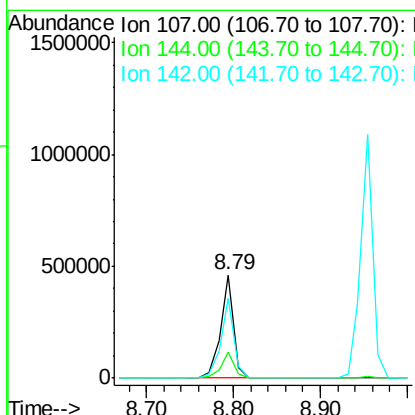
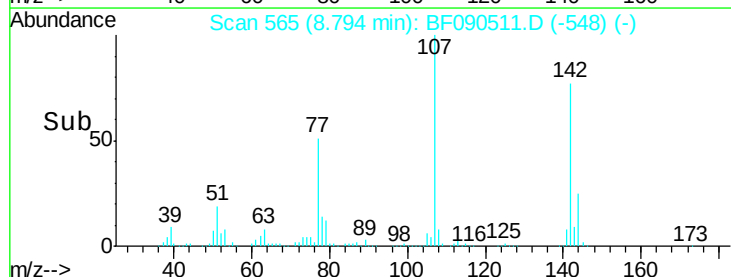


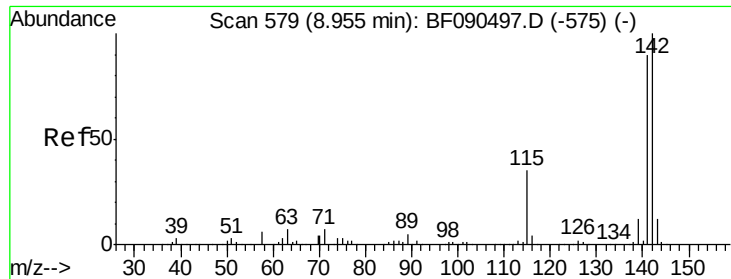
#36
 4-Chloro-3-methylphenol
 Concen: 35.46 ng
 RT: 8.79 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:107 Resp: 490768
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.8
 142 77.2 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 1500000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

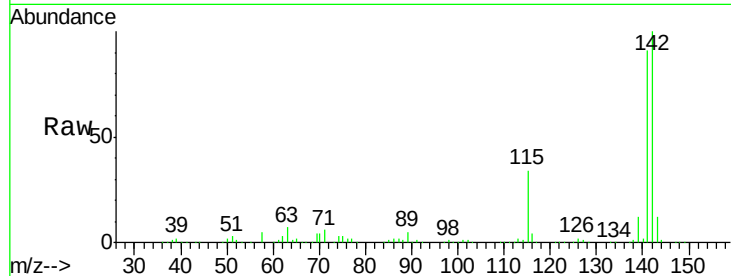




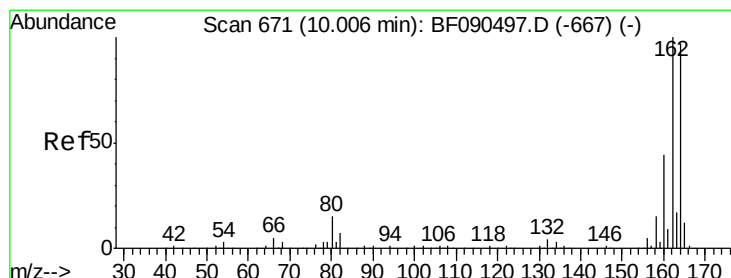
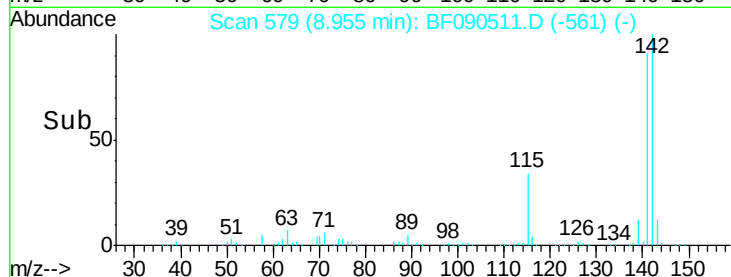
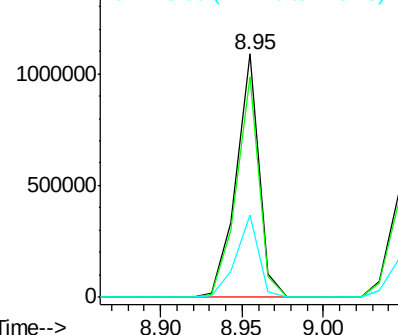
#37
 2-Methylnaphthalene
 Concen: 34.24 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:142 Resp: 1058041
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.8 107.8
 115 33.8 28.8 43.2

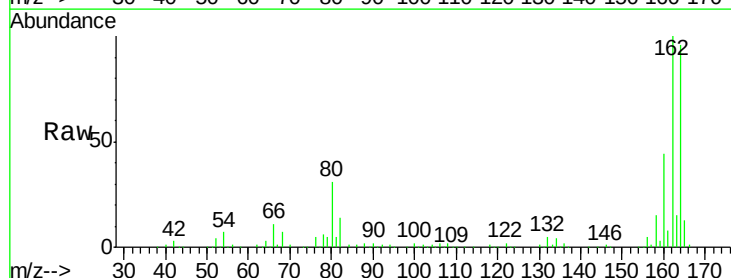


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

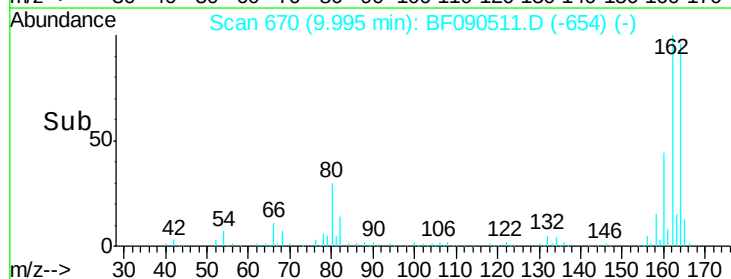
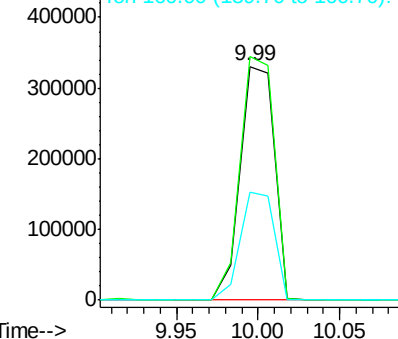


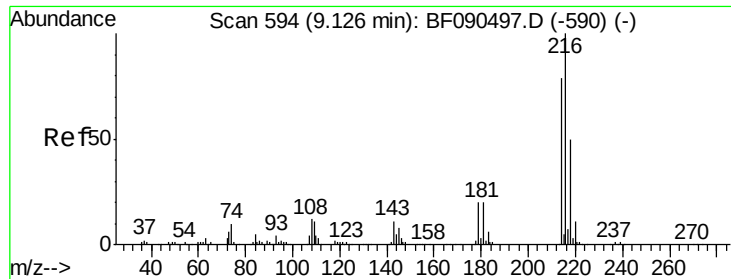
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:164 Resp: 483184
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.1 120.1
 160 46.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

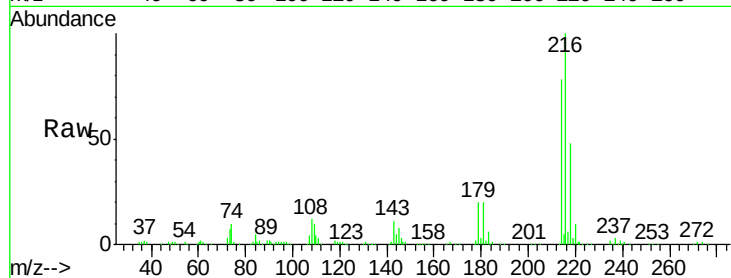




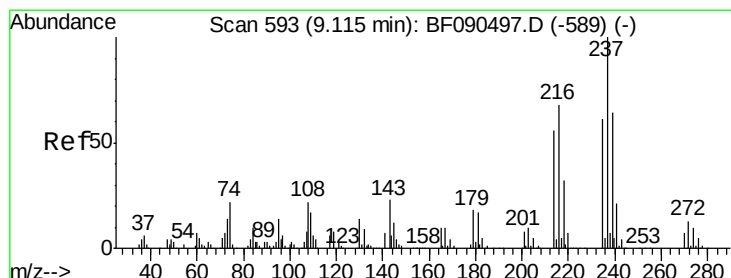
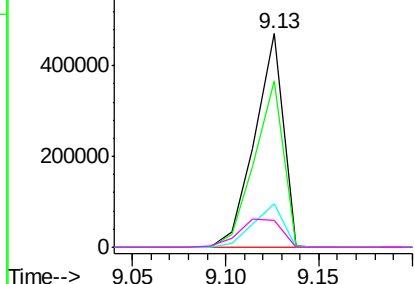
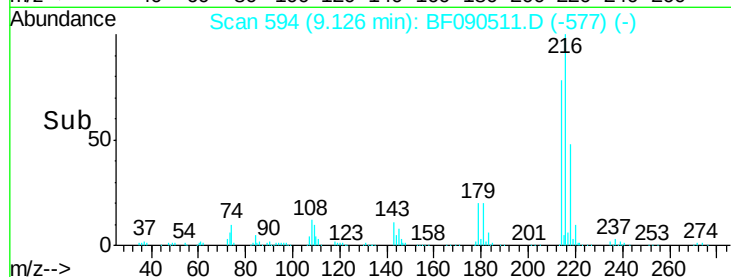
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.85 ng
 RT: 9.13 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:	216	Resp:	498427
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.2	96.2
179	21.5	18.0	27.0
108	19.8	15.2	22.8

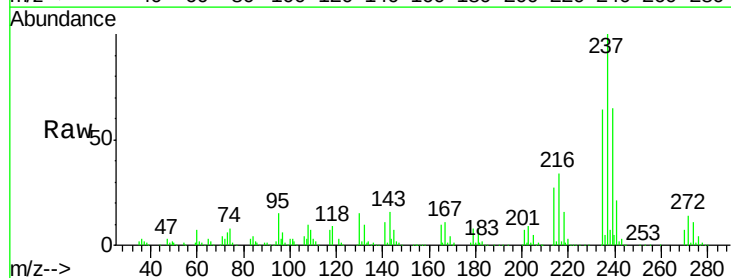


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

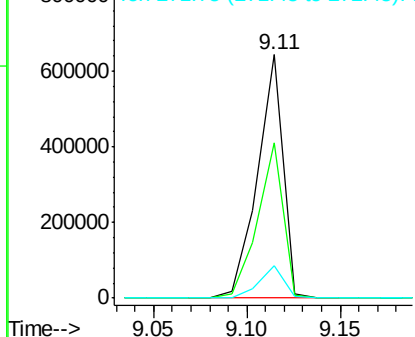
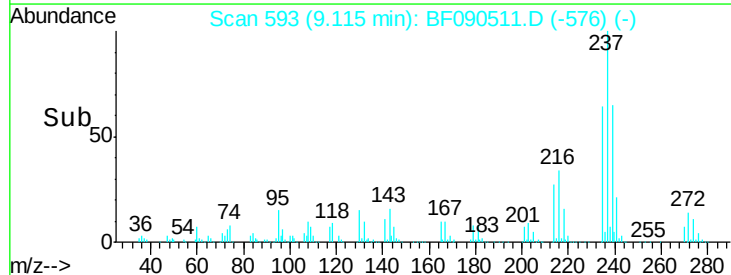


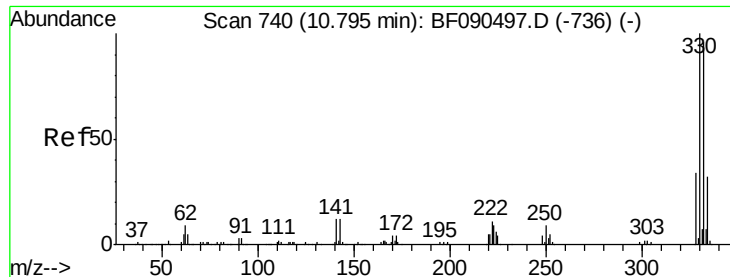
#40
 Hexachlorocyclopentadiene
 Concen: 92.65 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:	237	Resp:	622101
Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.6	83.6
272	13.5	0.0	32.7



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

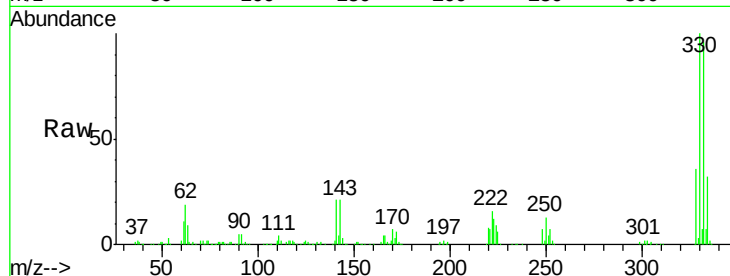




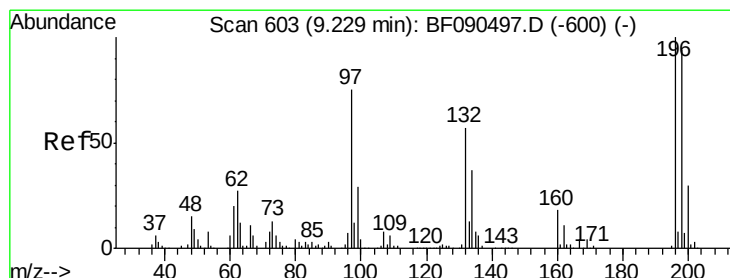
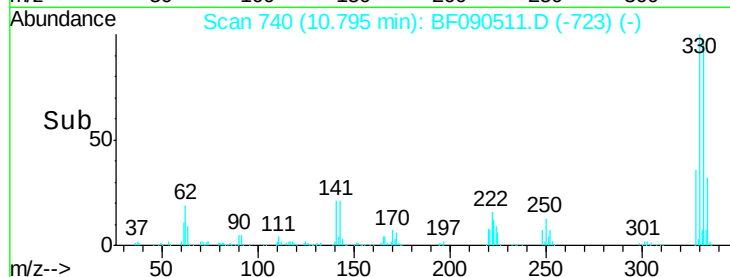
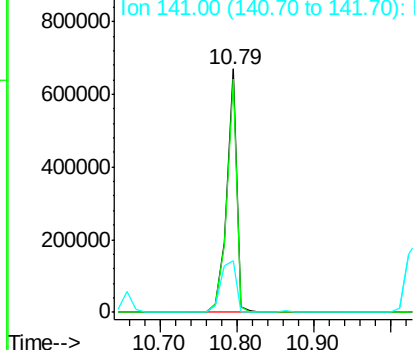
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 10.79 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:330 Resp: 622993
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 32.5 26.9 40.3

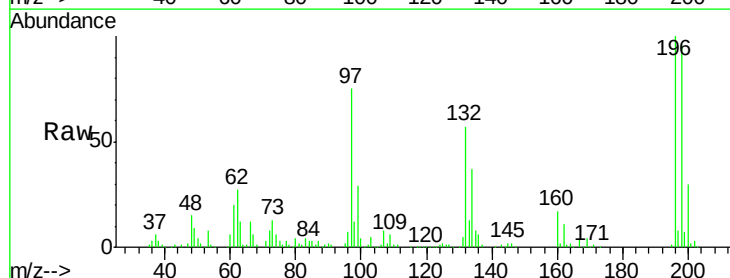


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

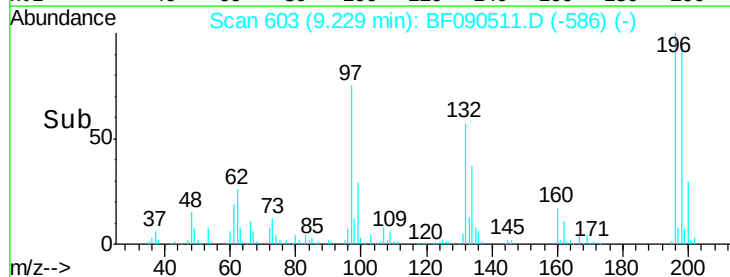
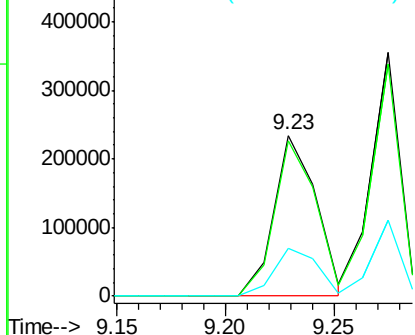


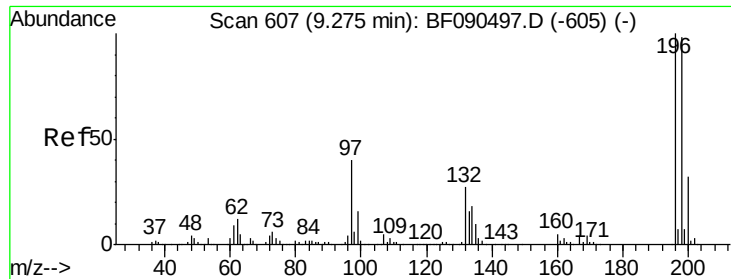
#42
 2,4,6-Trichlorophenol
 Concen: 34.89 ng
 RT: 9.23 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:196 Resp: 318234
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.9 118.3
 200 30.0 25.4 38.2



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

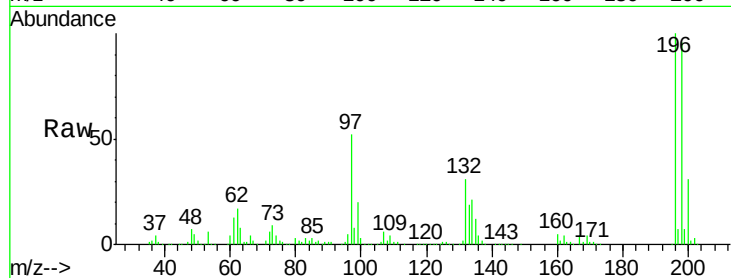




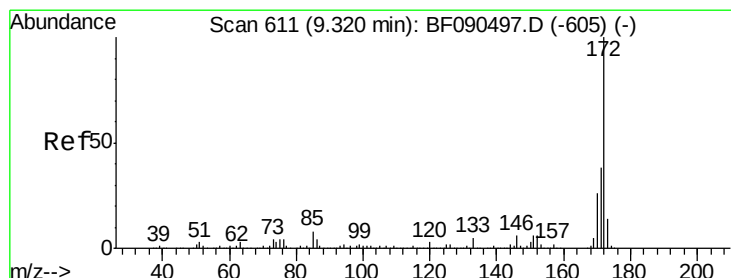
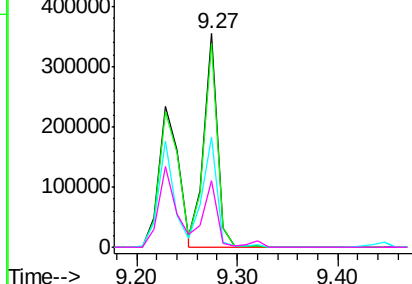
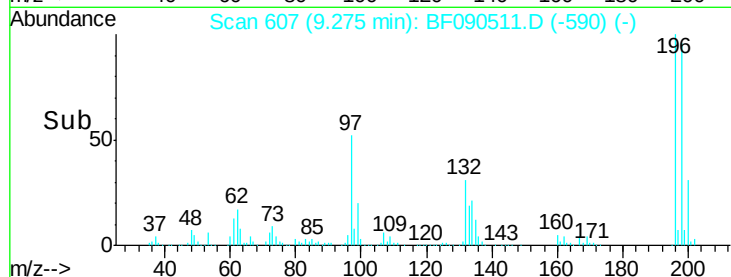
#43
 2,4,5-Trichlorophenol
 Concen: 37.21 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:196 Resp: 335863
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.1 117.1
 97 51.8 48.1 72.1
 132 31.2 27.4 41.2

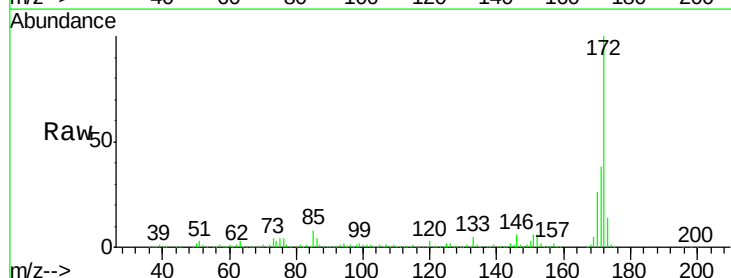


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

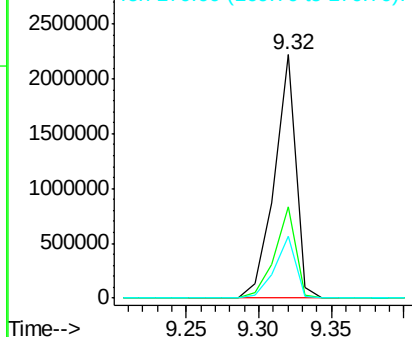
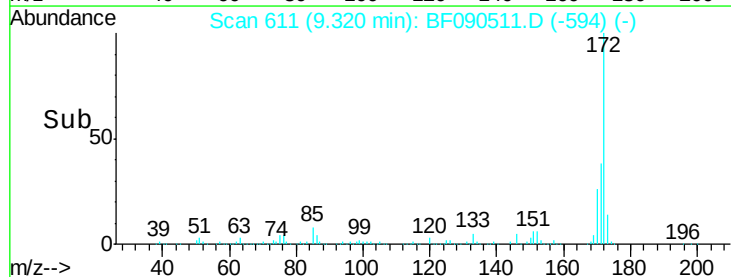


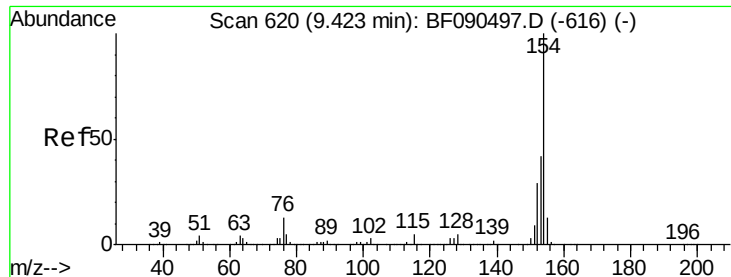
#44
 2-Fluorobiphenyl
 Concen: 79.06 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:172 Resp: 2273178
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.8 47.8
 170 25.6 21.7 32.5



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: 36.86 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

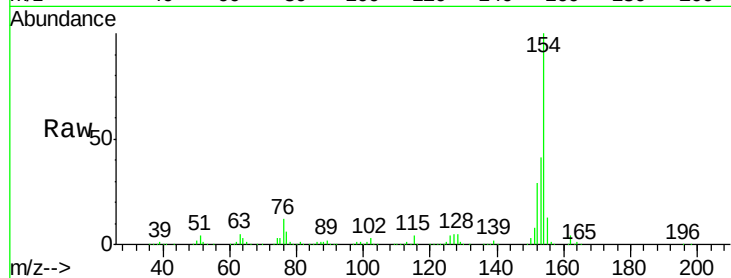
Tgt Ion:154 Resp: 1360238

Ion Ratio Lower Upper

154 100

153 41.4 23.8 63.8

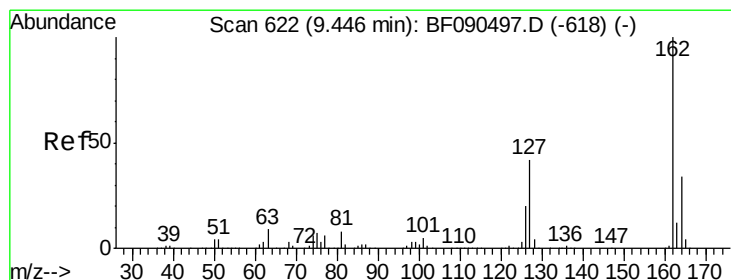
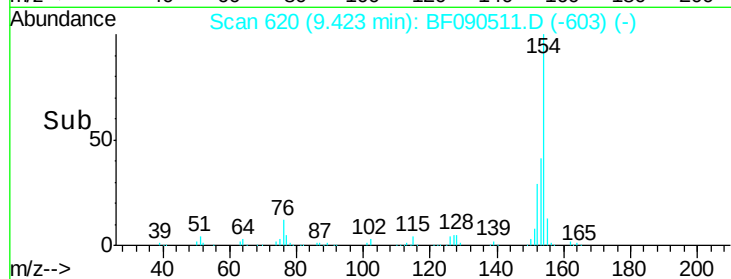
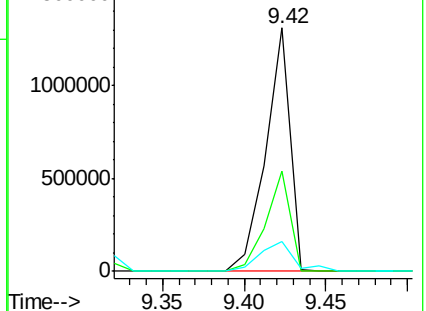
76 12.1 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.87 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

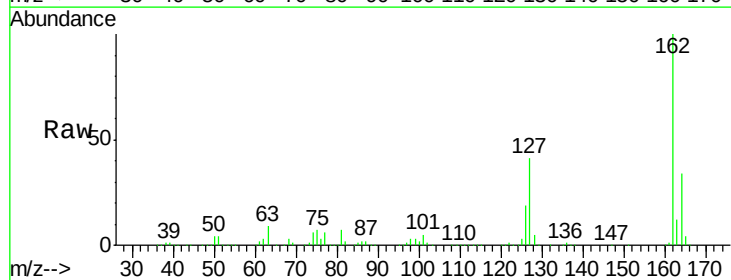
Tgt Ion:162 Resp: 1039732

Ion Ratio Lower Upper

162 100

127 41.2 35.6 53.4

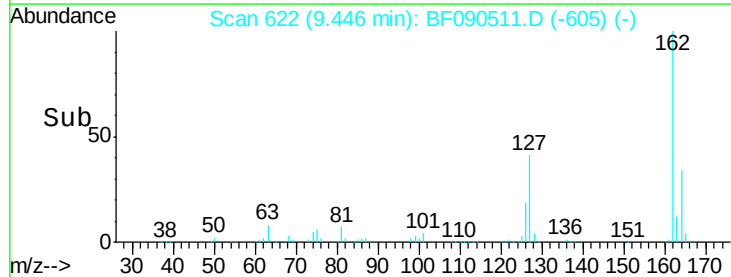
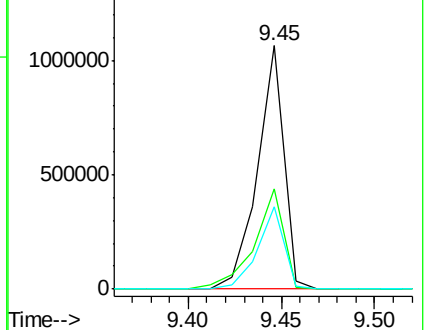
164 34.0 27.5 41.3

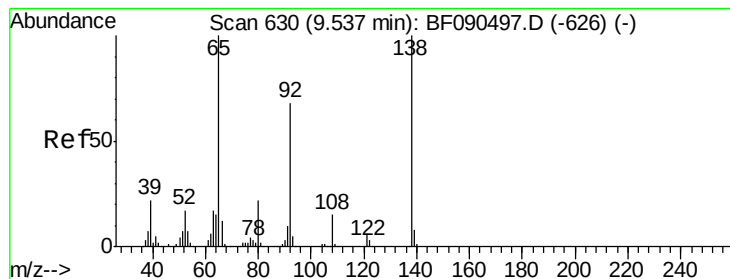


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.20 ng

RT: 9.54 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

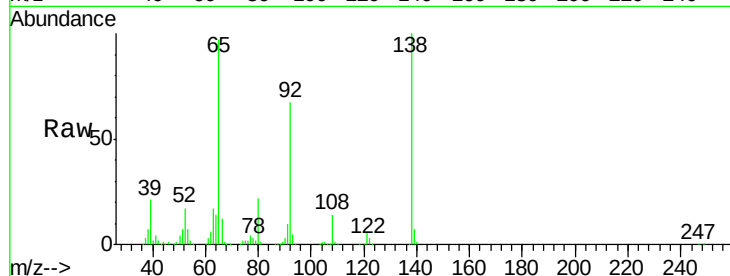
Tgt Ion: 65 Resp: 364377

Ion Ratio Lower Upper

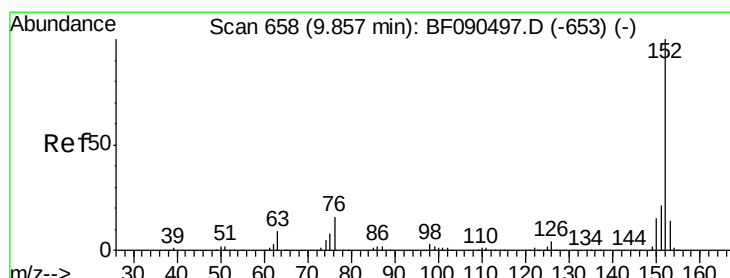
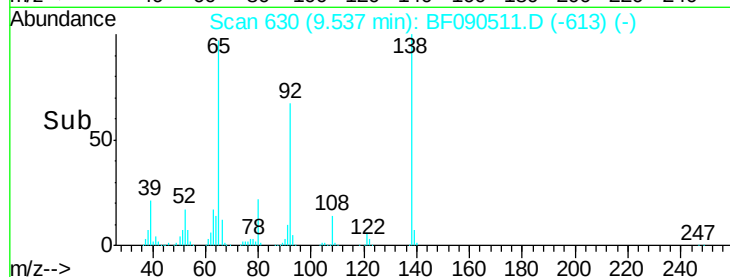
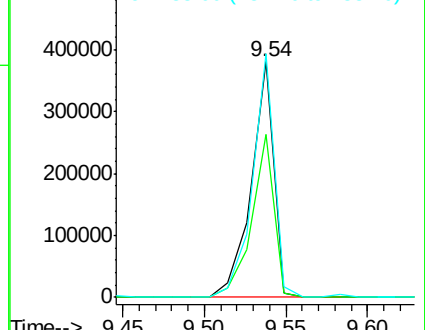
65 100

92 69.4 51.7 77.5

138 103.3 79.0 118.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 33.87 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

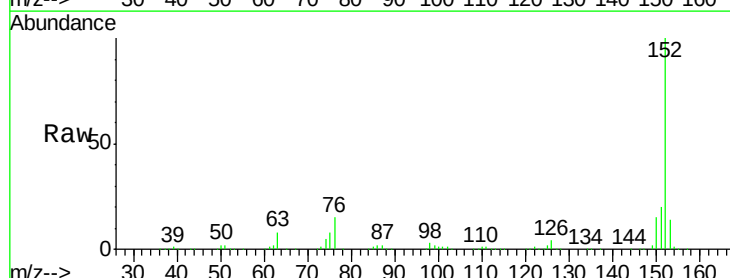
Tgt Ion: 152 Resp: 1500401

Ion Ratio Lower Upper

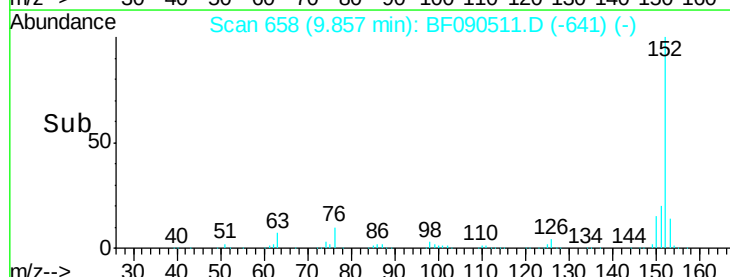
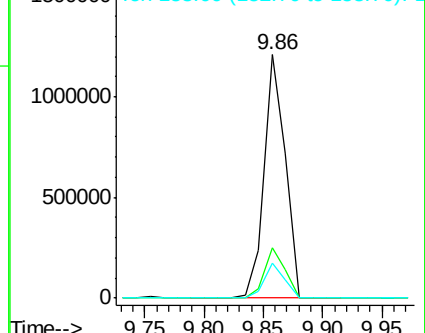
152 100

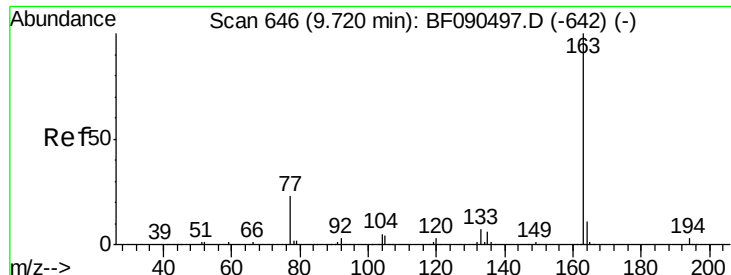
151 20.4 17.4 26.0

153 14.2 11.6 17.4



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





#49

Dimethylphthalate

Concen: 35.40 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

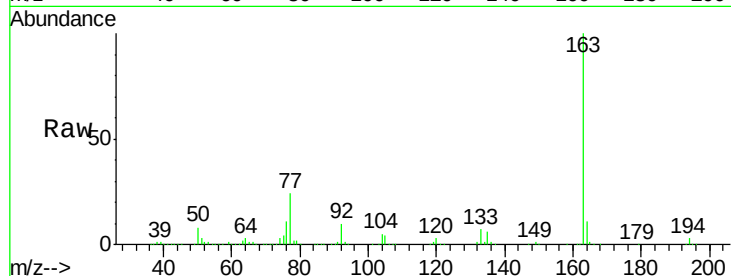
Tgt Ion:163 Resp: 1150411

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

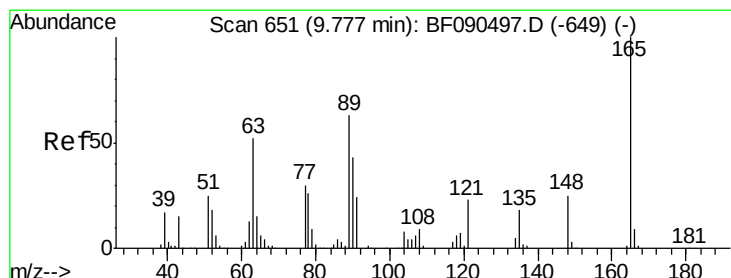
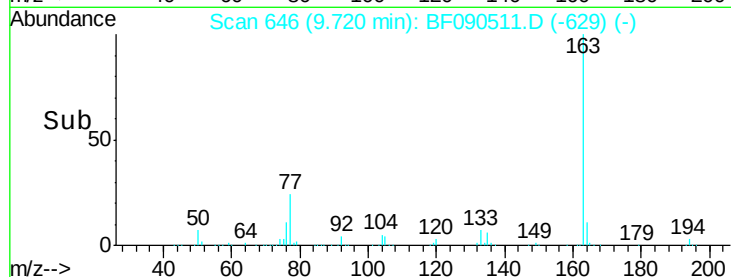
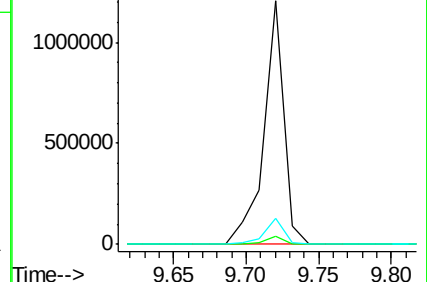
164 10.8 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.16 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

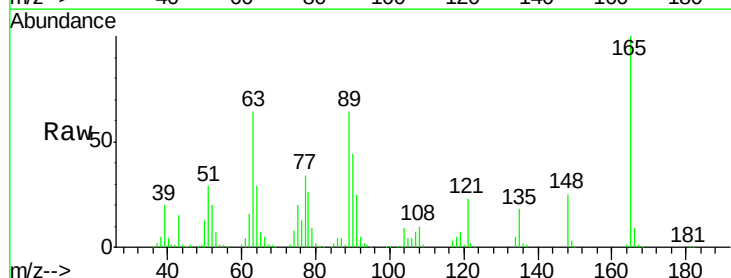
Tgt Ion:165 Resp: 245125

Ion Ratio Lower Upper

165 100

63 64.2 58.0 87.0

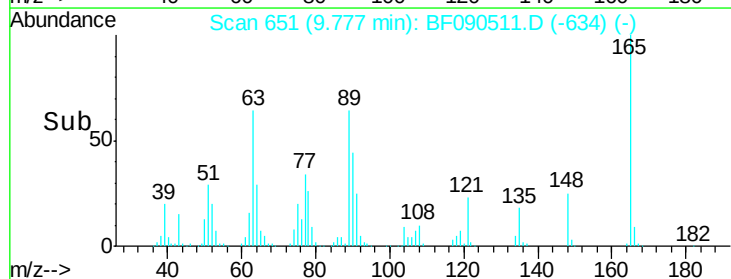
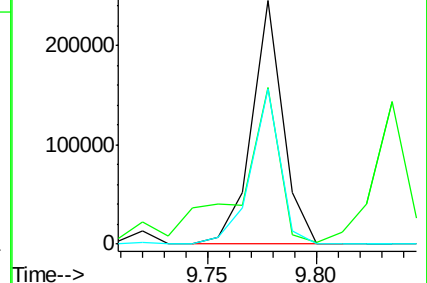
89 63.7 51.2 76.8

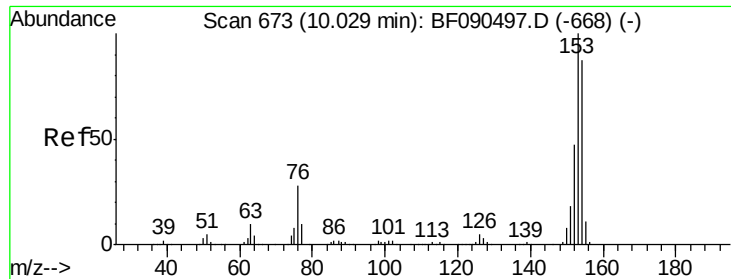


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.30 ng

RT: 10.03 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

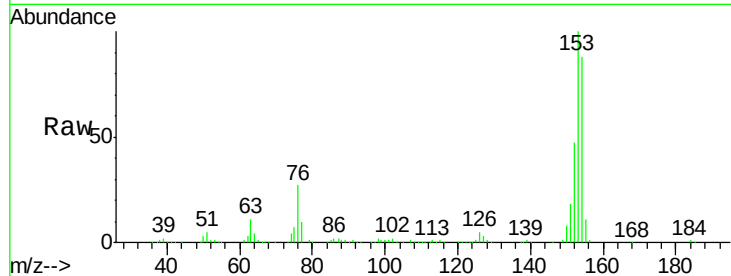
Tgt Ion:154 Resp: 1048084

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

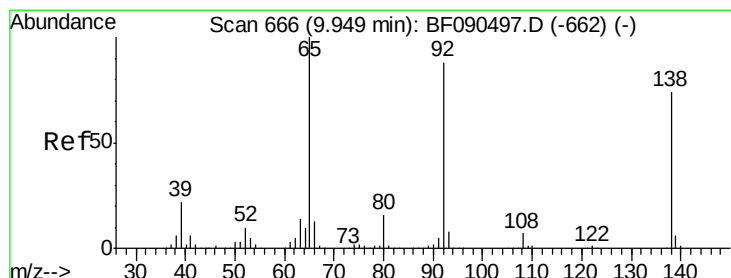
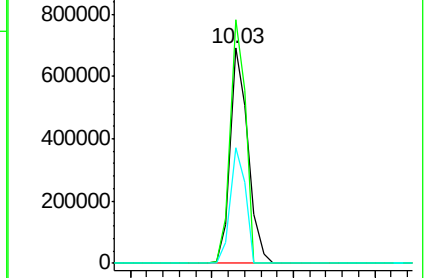
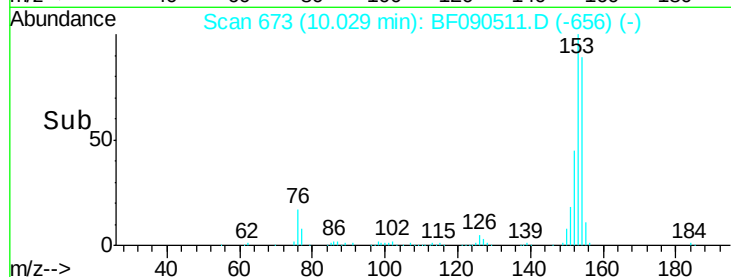
152 53.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.06 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

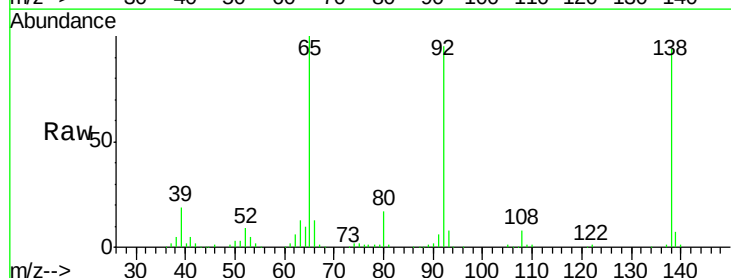
Tgt Ion:138 Resp: 160785

Ion Ratio Lower Upper

138 100

108 8.9 9.7 14.5#

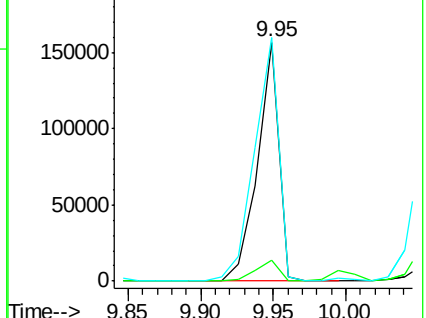
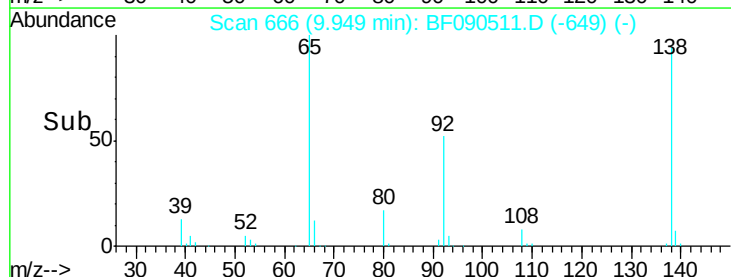
92 101.9 97.1 145.7

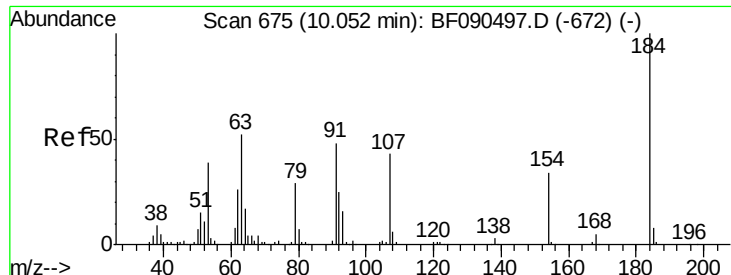


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

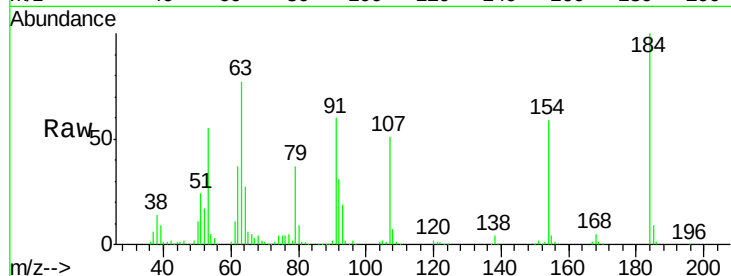




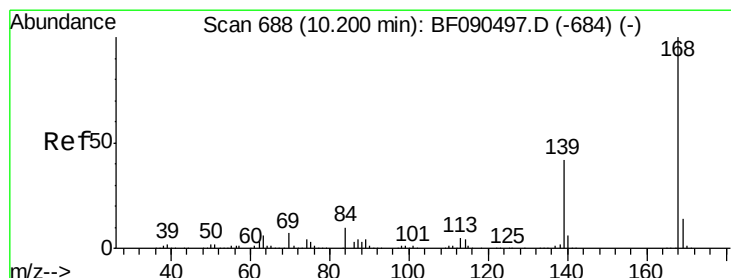
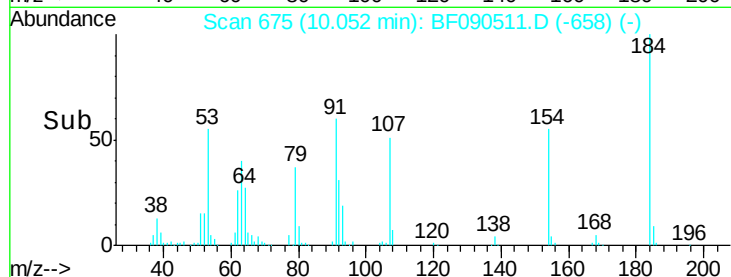
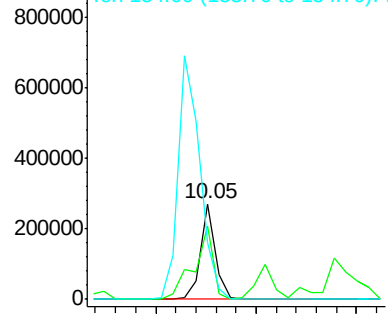
#53
2,4-Dinitrophenol
Concen: 70.85 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tgt Ion:184 Resp: 282072
Ion Ratio Lower Upper
184 100
63 76.9 41.9 62.9#
154 58.7 48.9 73.3

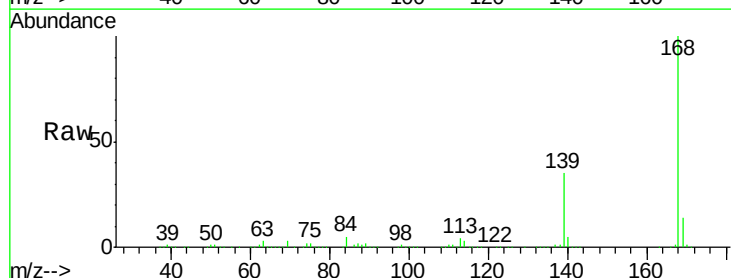


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

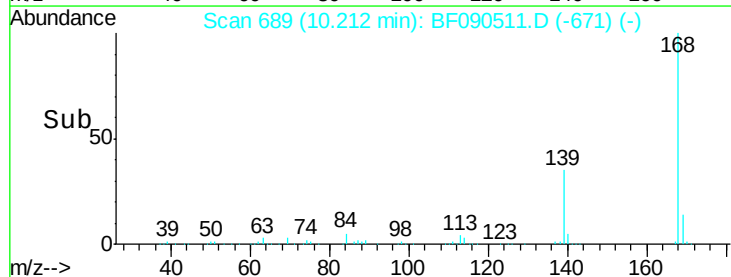
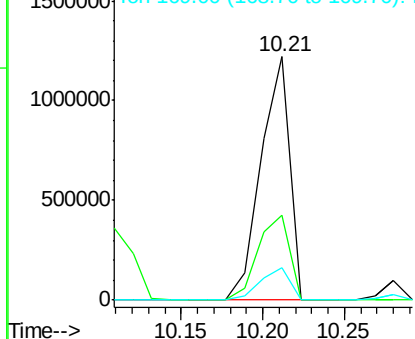


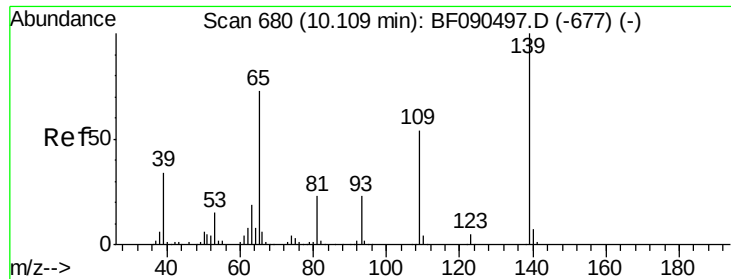
#54
Dibenzofuran
Concen: 37.77 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:168 Resp: 1492040
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.5 11.3 16.9



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

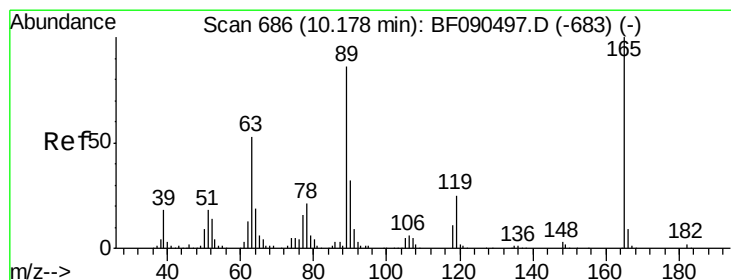
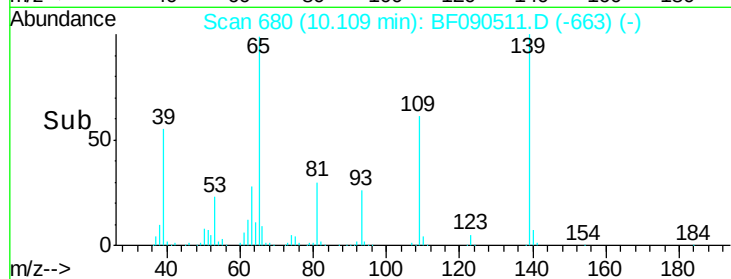
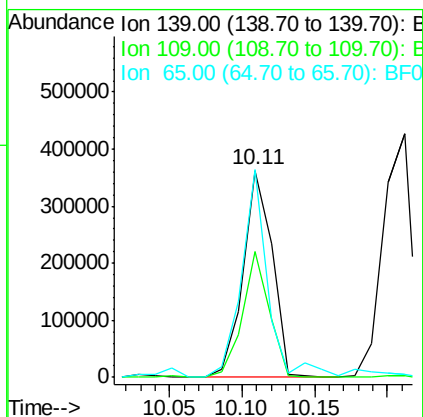
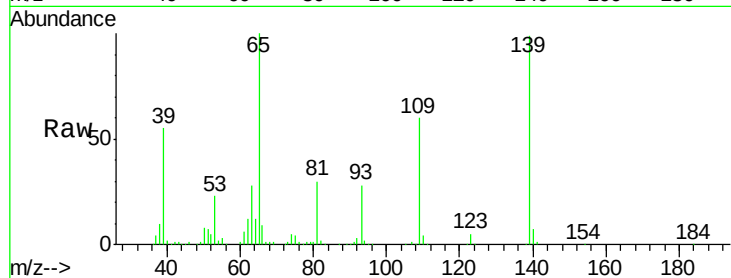




#55
4-Nitrophenol
Concen: 73.33 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

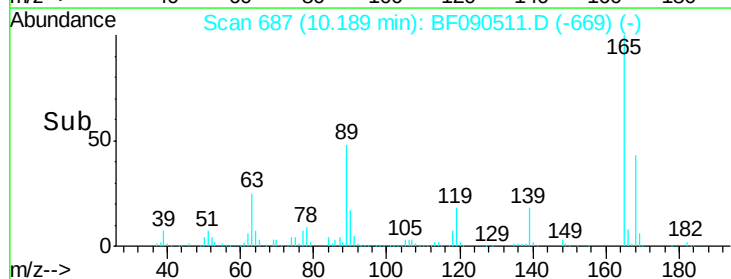
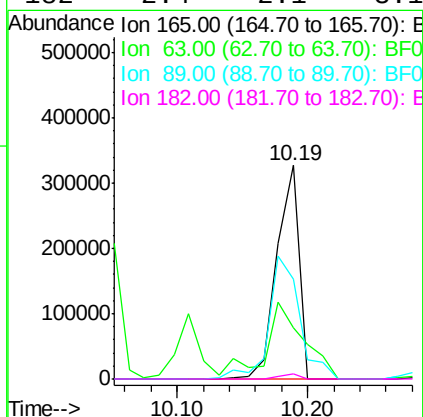
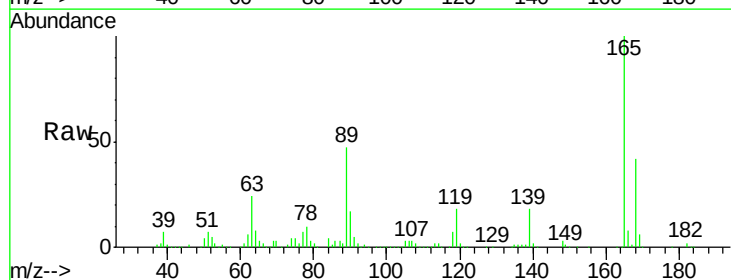
Instrument :
BNA_F
ClientSampleId :
PB93820BS

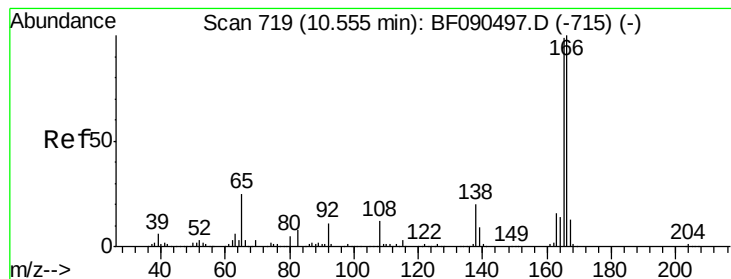
Tgt Ion:139 Resp: 507335
Ion Ratio Lower Upper
139 100
109 60.6 43.6 83.6
65 100.7 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 41.43 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:165 Resp: 393175
Ion Ratio Lower Upper
165 100
63 24.2 17.8 26.6
89 46.6 33.2 49.8
182 2.4 2.1 3.1





#57

Fluorene

Concen: 35.22 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

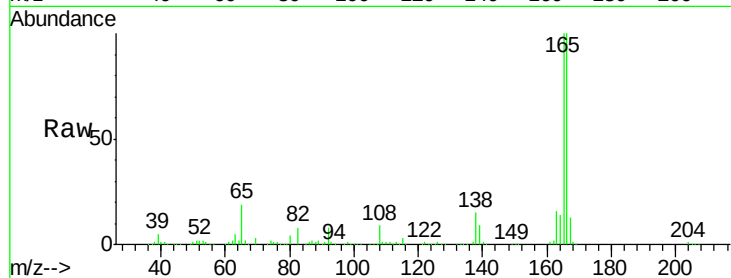
Tgt Ion:166 Resp: 1135810

Ion Ratio Lower Upper

166 100

165 100.1 79.2 118.8

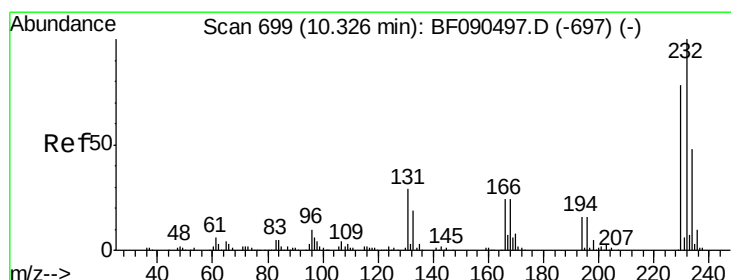
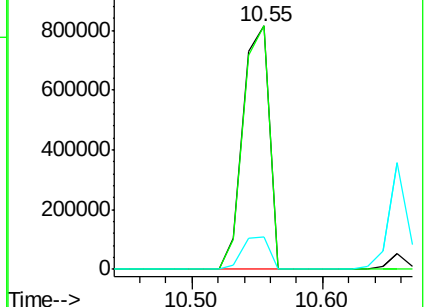
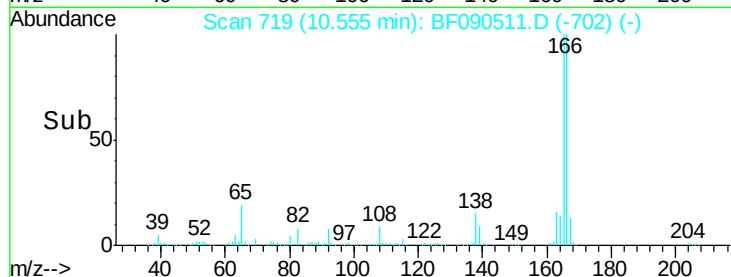
167 13.1 11.1 16.7



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: 41.24 ng

RT: 10.33 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:232 Resp: 310482

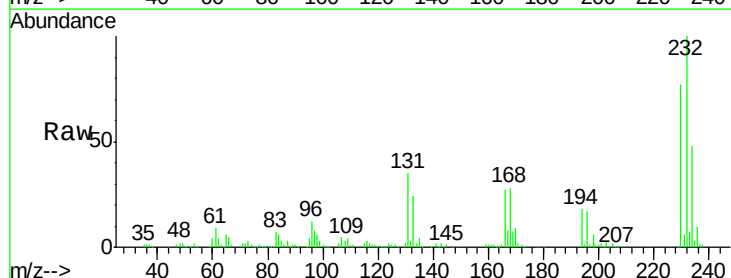
Ion Ratio Lower Upper

232 100

131 46.3 34.5 51.7

130 2.0 1.6 2.4

166 31.4 23.8 35.8

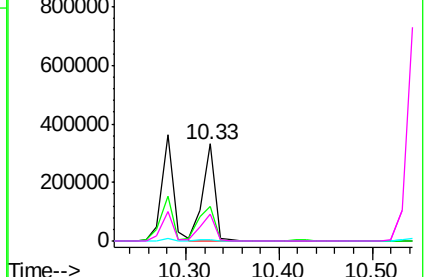
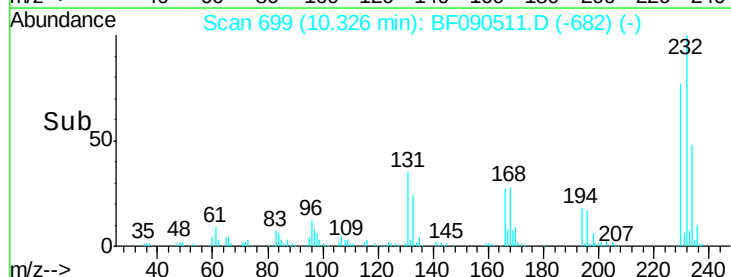


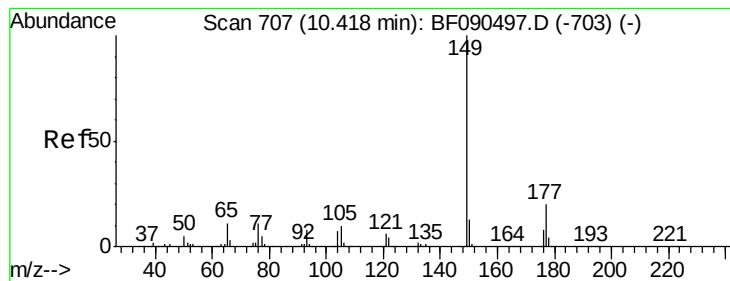
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.27 ng

RT: 10.42 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

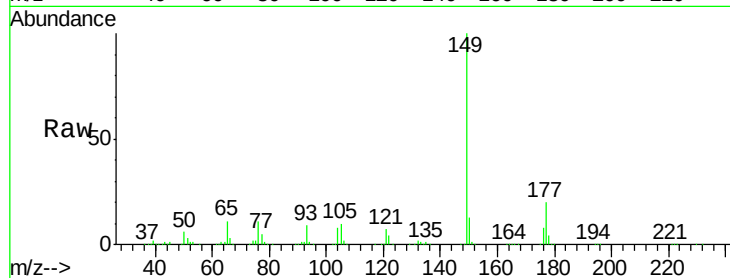
Tgt Ion:149 Resp: 1231828

Ion Ratio Lower Upper

149 100

177 19.6 21.1 31.7#

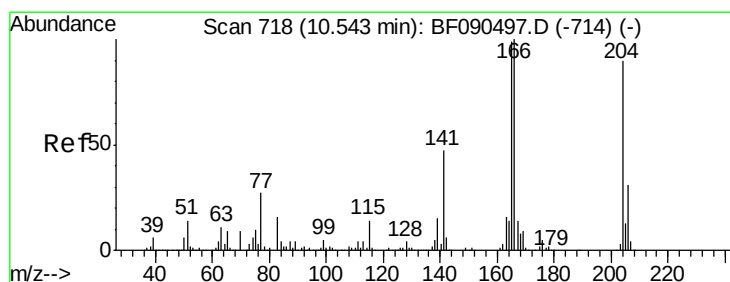
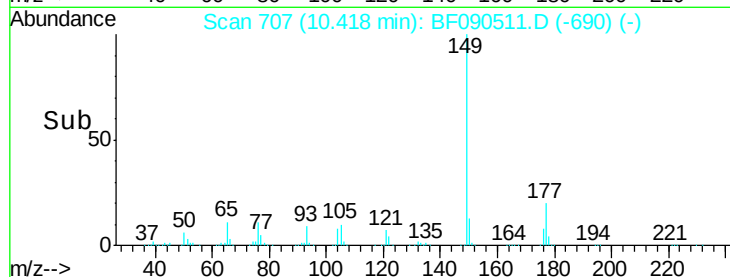
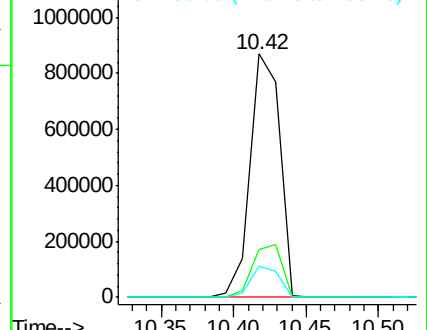
150 12.8 10.2 15.2



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: 40.87 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

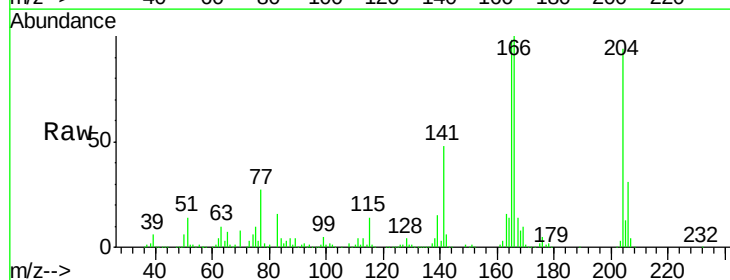
Tgt Ion:204 Resp: 608176

Ion Ratio Lower Upper

204 100

206 33.3 26.7 40.1

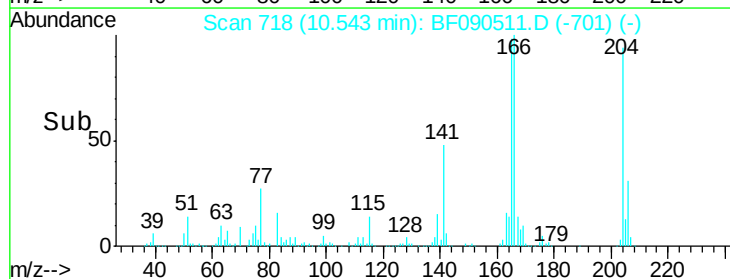
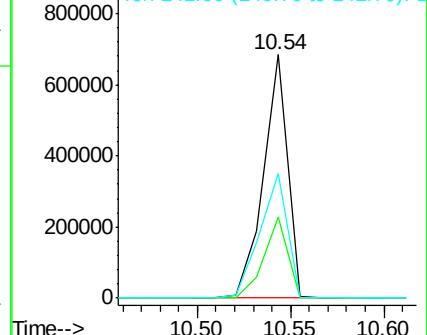
141 51.0 51.7 77.5#

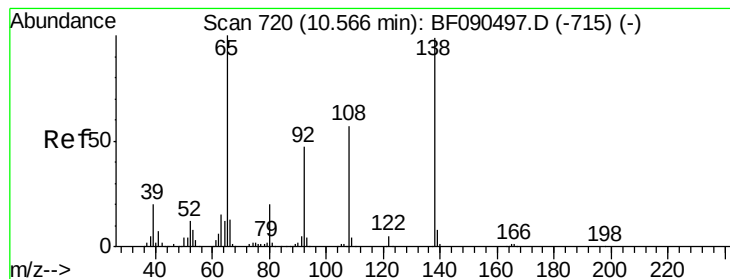


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.37 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

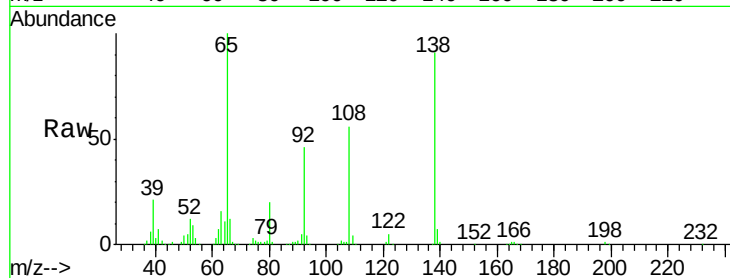
Tgt Ion:138 Resp: 303090

Ion Ratio Lower Upper

138 100

92 50.5 33.2 73.2

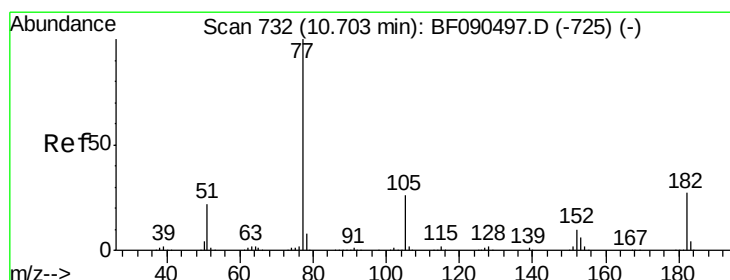
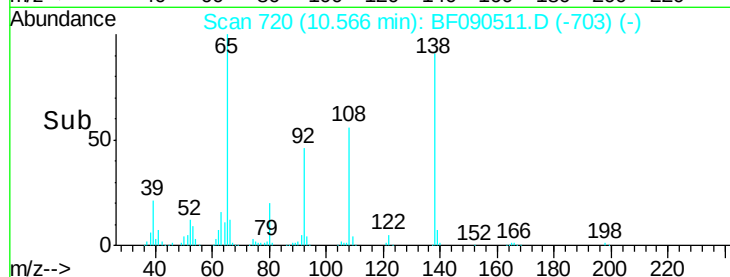
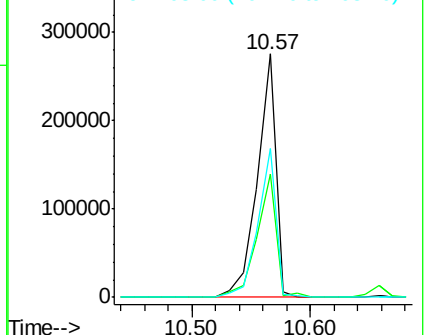
108 61.3 48.5 88.5



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: 39.89 ng

RT: 10.70 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion: 77 Resp: 1439928

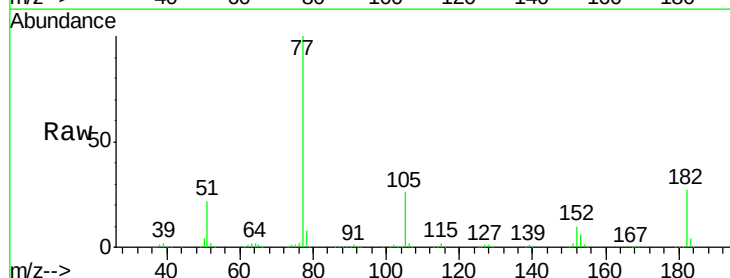
Ion Ratio Lower Upper

77 100

182 26.7 3.2 43.2

105 25.6 2.9 42.9

51 22.3 14.2 54.2

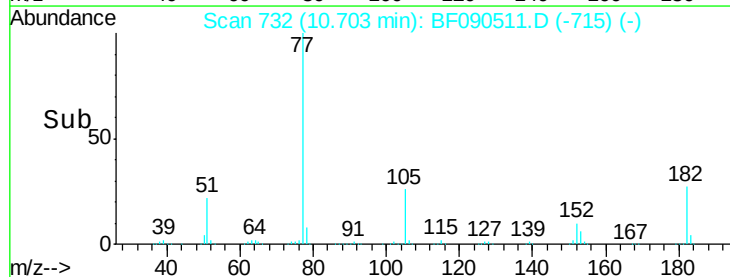
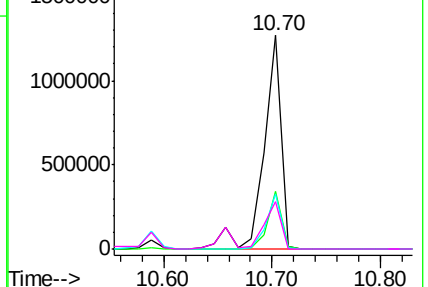


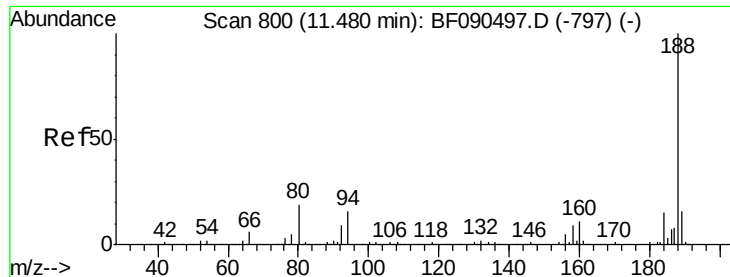
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

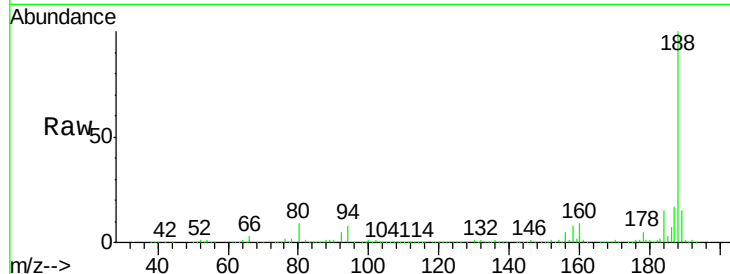




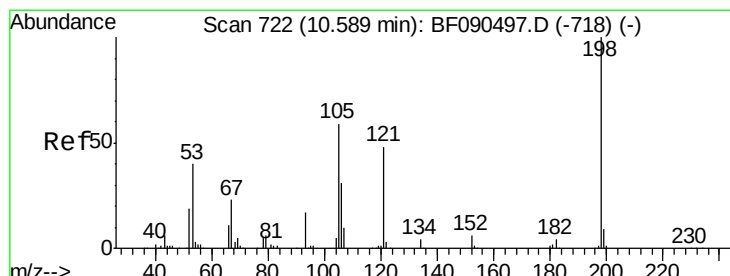
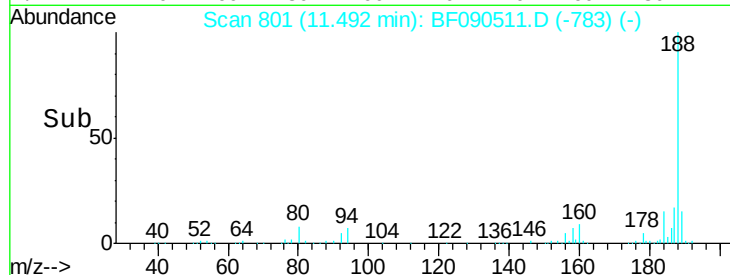
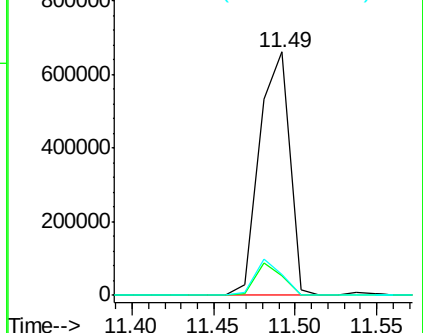
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tgt Ion:188 Resp: 851259
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.6 8.8 13.2#

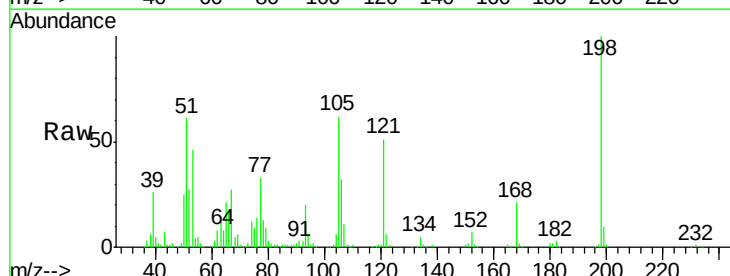


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

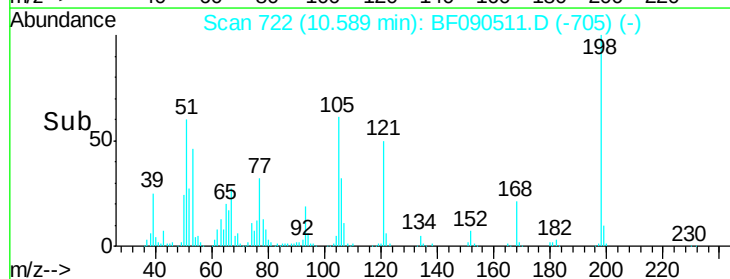
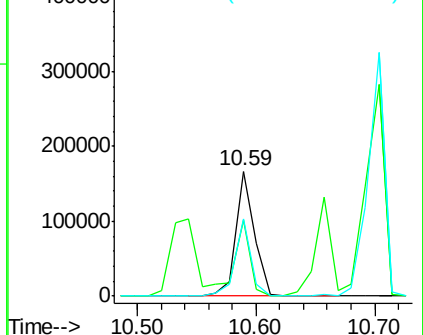


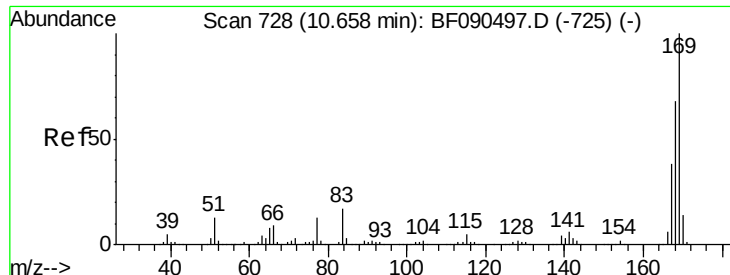
#64
4,6-Dinitro-2-methylphenol
Concen: 32.05 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:198 Resp: 182229
Ion Ratio Lower Upper
198 100
51 60.6 67.3 107.3#
105 61.9 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.65 ng

RT: 10.66 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

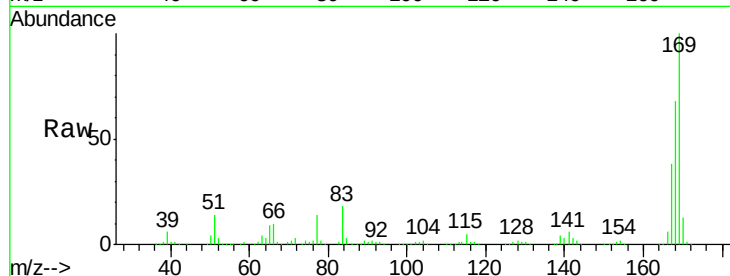
Tgt Ion:169 Resp: 931509

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

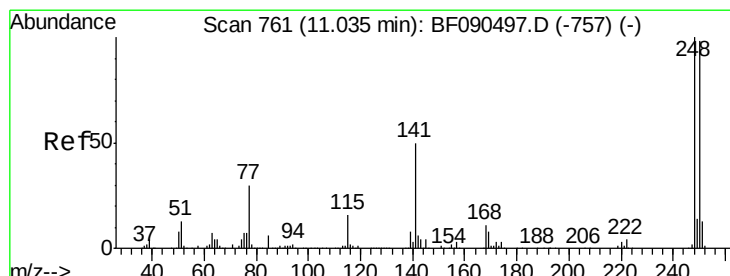
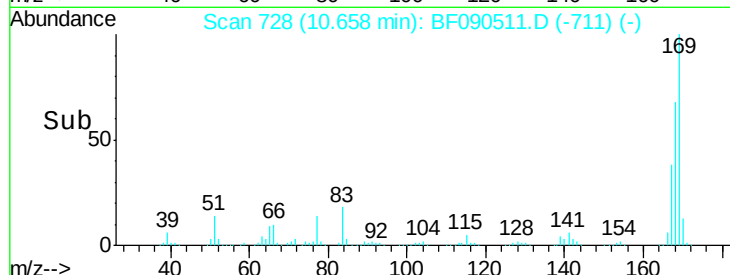
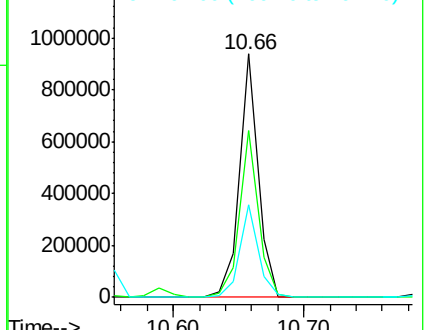
167 37.9 29.8 44.8



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: 38.63 ng

RT: 11.03 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

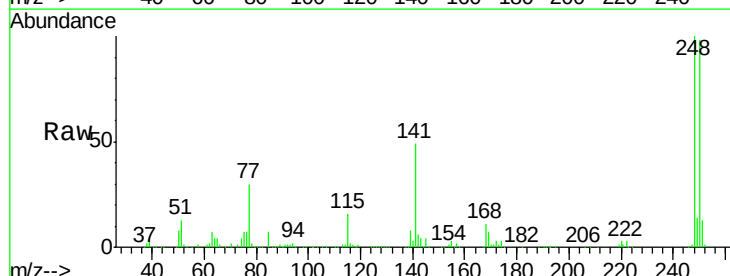
Tgt Ion:248 Resp: 364354

Ion Ratio Lower Upper

248 100

250 98.0 76.5 114.7

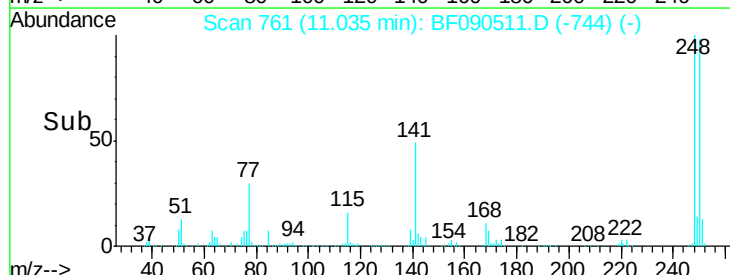
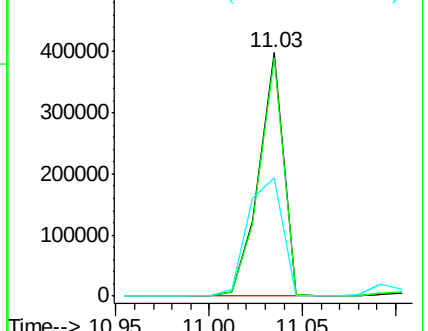
141 48.6 59.8 89.6#

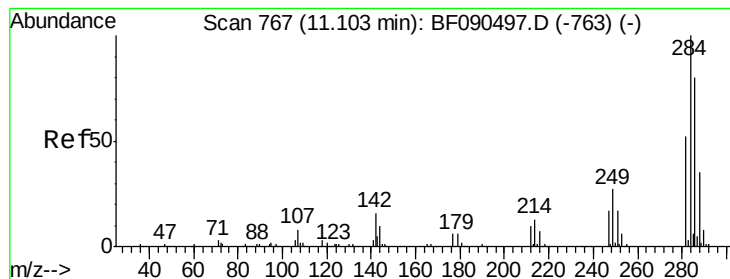


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.39 ng

RT: 11.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

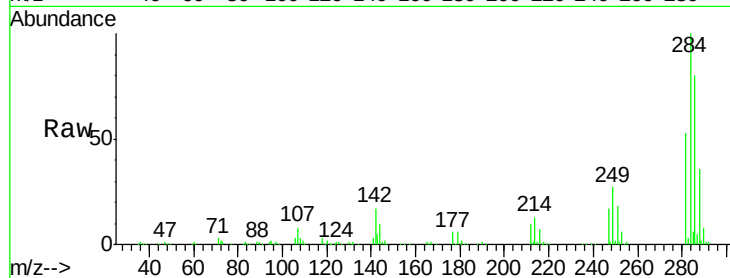
Tgt Ion:284 Resp: 379190

Ion Ratio Lower Upper

284 100

142 17.0 23.1 34.7#

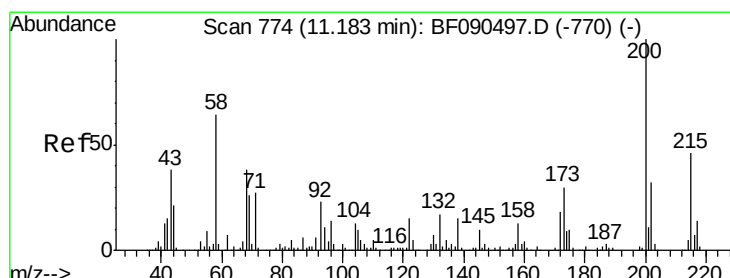
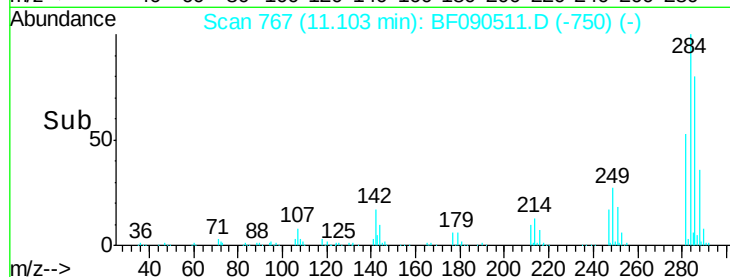
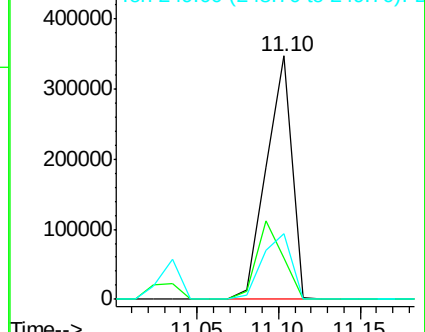
249 27.1 26.3 39.5



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: 33.94 ng

RT: 11.18 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

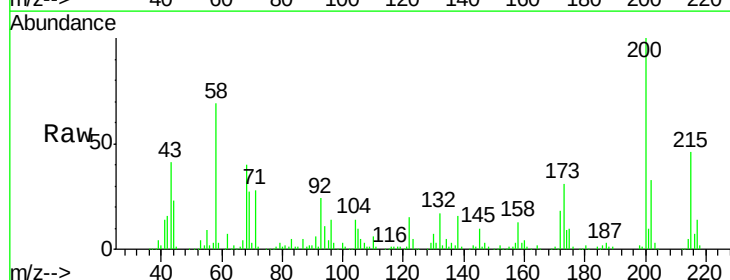
Tgt Ion:200 Resp: 290718

Ion Ratio Lower Upper

200 100

173 31.1 9.0 49.0

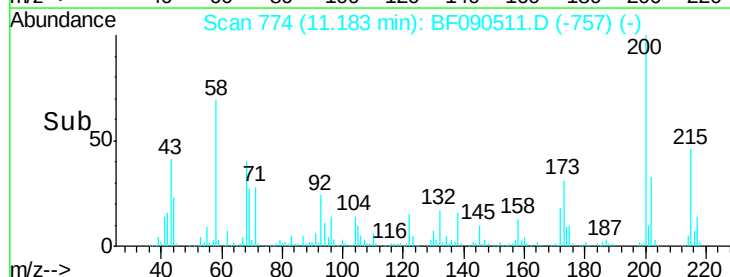
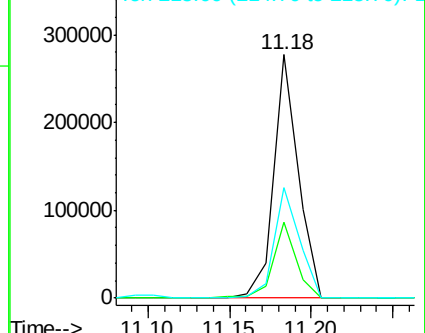
215 45.5 24.8 64.8

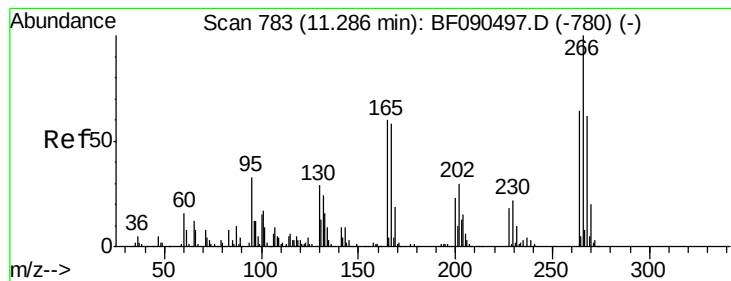


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.06 ng

RT: 11.30 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

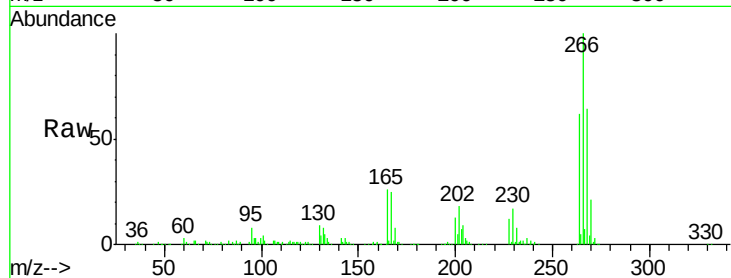
Tgt Ion:266 Resp: 484010

Ion Ratio Lower Upper

266 100

268 63.9 50.9 76.3

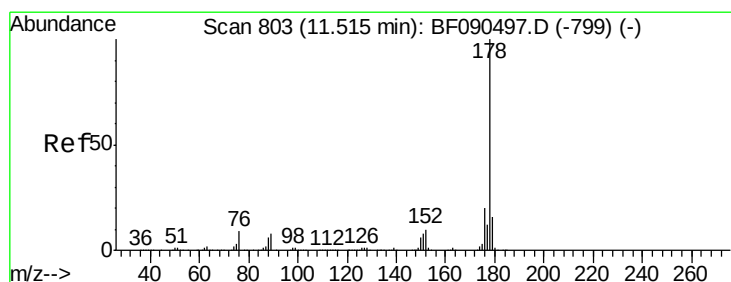
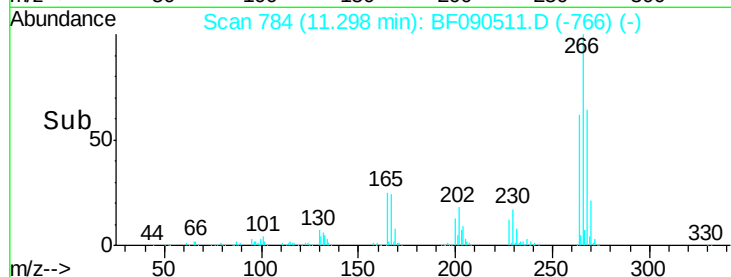
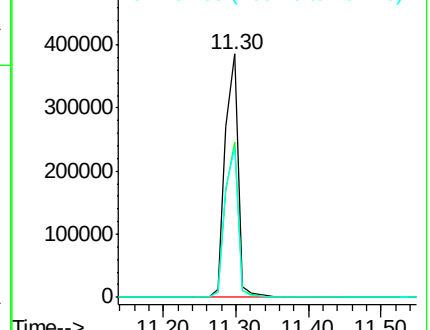
264 61.9 51.5 77.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.19 ng

RT: 11.51 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

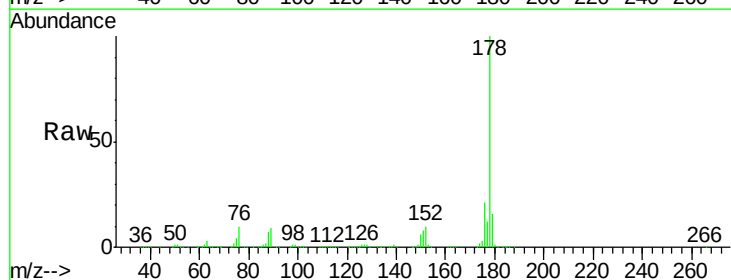
Tgt Ion:178 Resp: 1791866

Ion Ratio Lower Upper

178 100

176 20.7 17.3 25.9

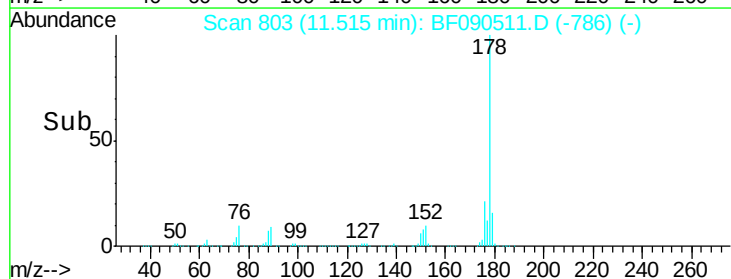
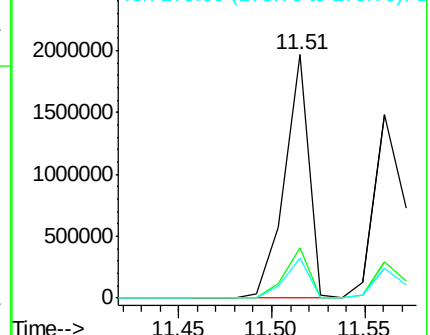
179 16.4 13.8 20.6

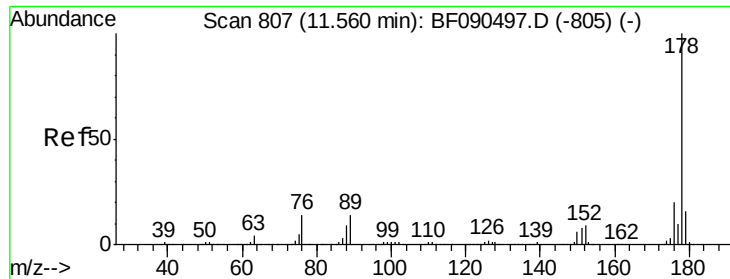


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

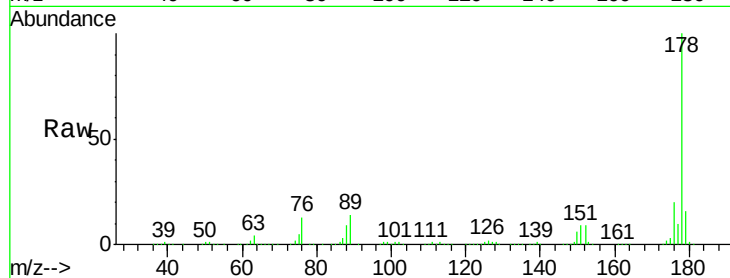




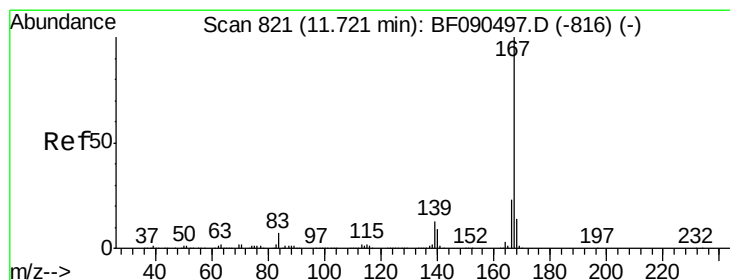
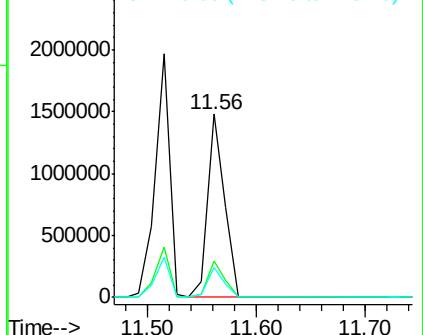
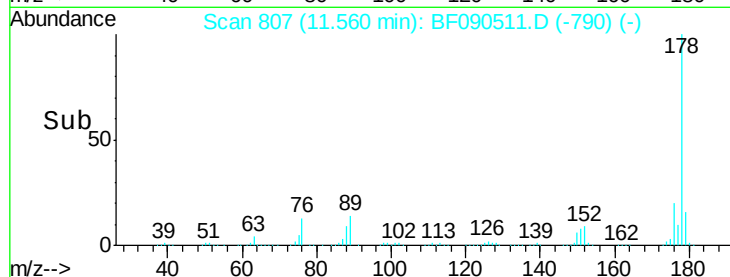
#71
 Anthracene
 Concen: 33.76 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:178 Resp: 1604490
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.3 13.4 20.2

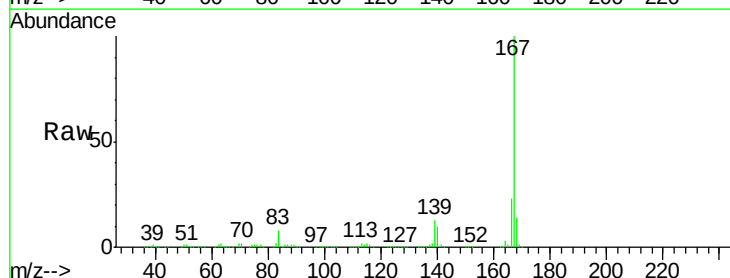


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

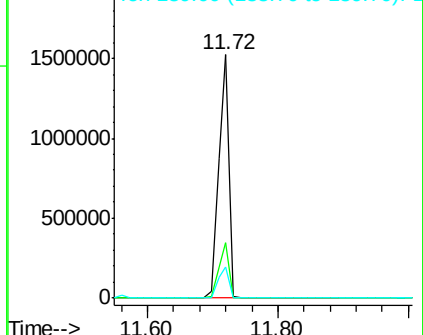
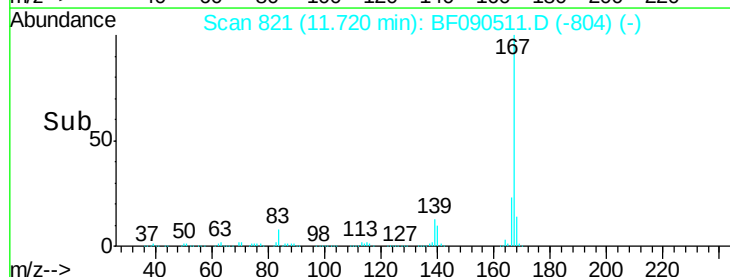


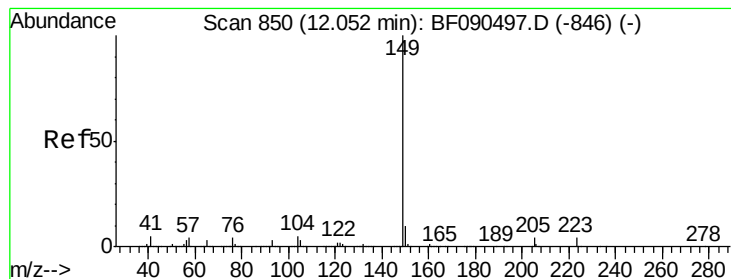
#72
 Carbazole
 Concen: 37.60 ng
 RT: 11.72 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:167 Resp: 1687645
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.1 28.7
 139 13.0 12.1 18.1



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: 38.53 ng

RT: 12.05 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

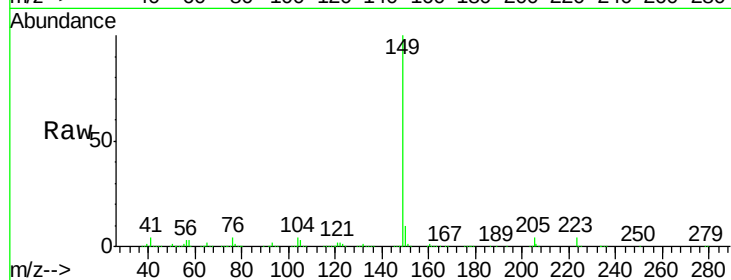
Tgt Ion:149 Resp: 2082782

Ion Ratio Lower Upper

149 100

150 9.7 8.6 12.8

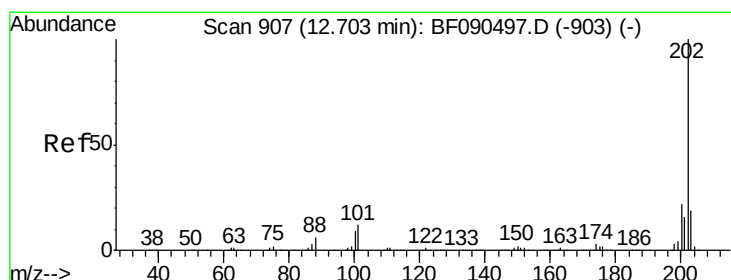
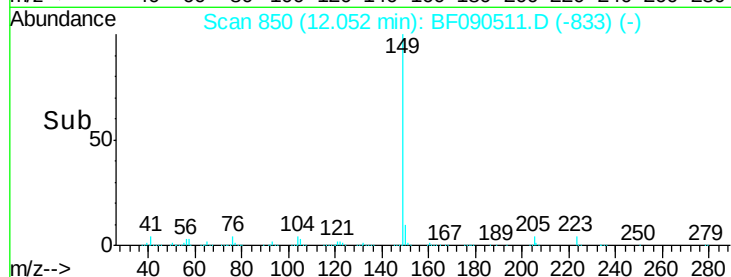
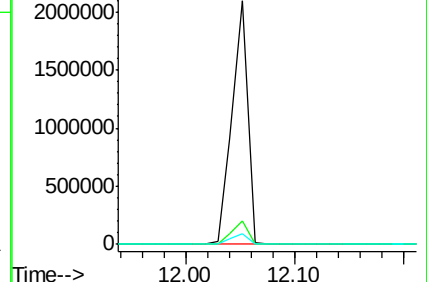
104 4.3 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.19 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

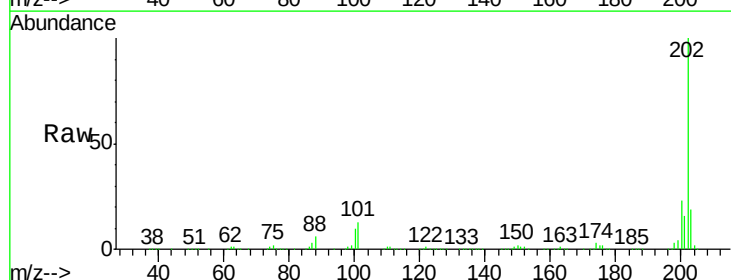
Tgt Ion:202 Resp: 1876725

Ion Ratio Lower Upper

202 100

101 12.5 0.0 37.2

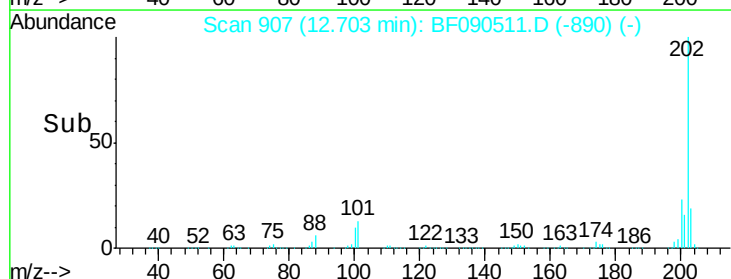
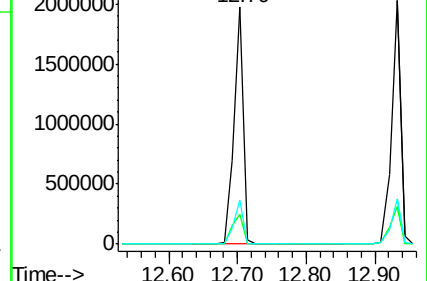
203 18.6 0.0 39.3

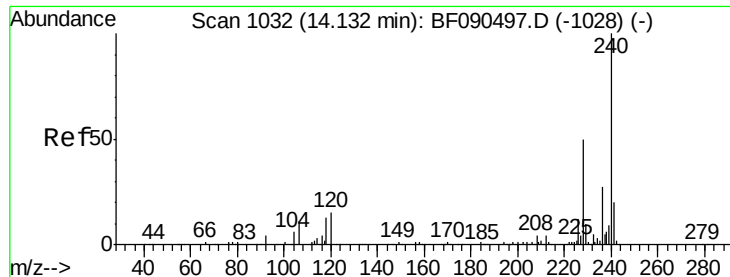


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

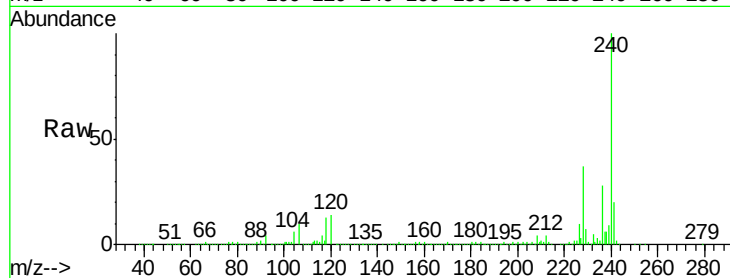
Tgt Ion:240 Resp: 823977

Ion Ratio Lower Upper

240 100

120 14.4 8.6 13.0#

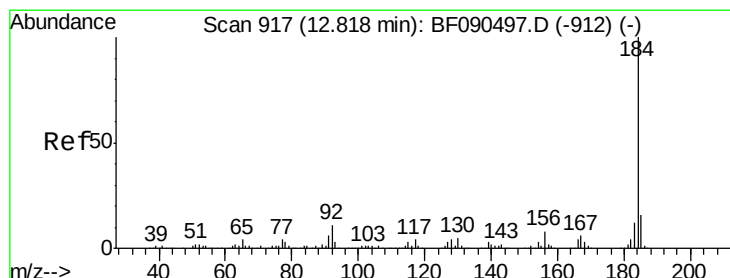
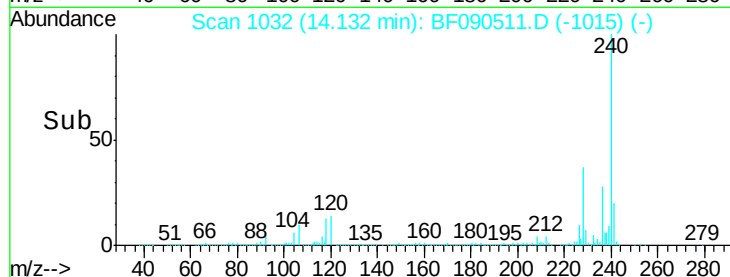
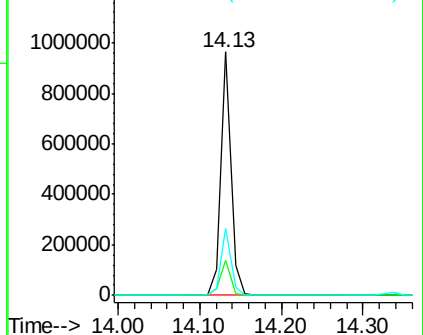
236 27.6 21.6 32.4



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: 17.68 ng

RT: 12.82 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

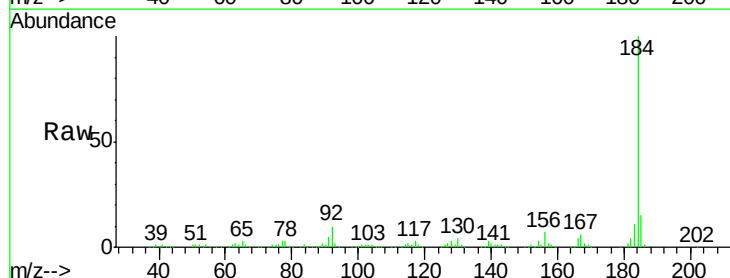
Tgt Ion:184 Resp: 457934

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

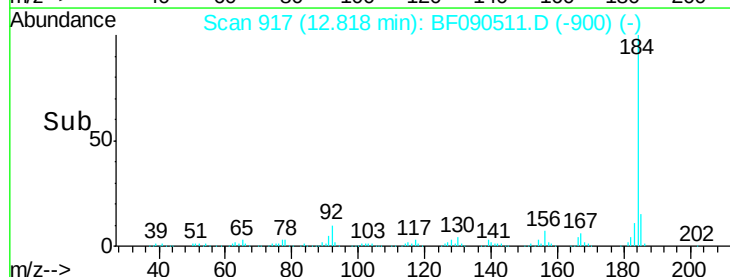
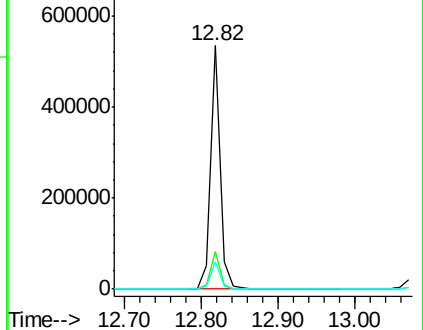
183 11.5 9.6 14.4

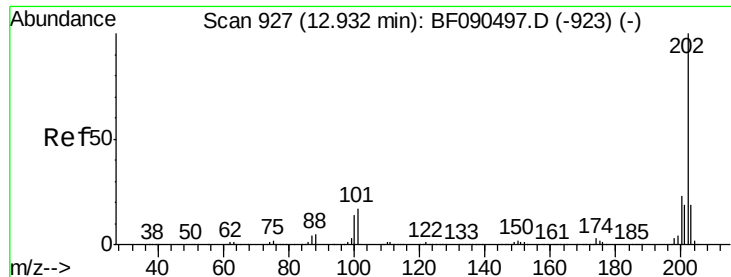


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

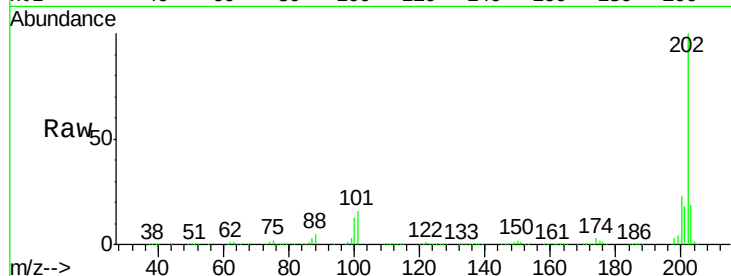




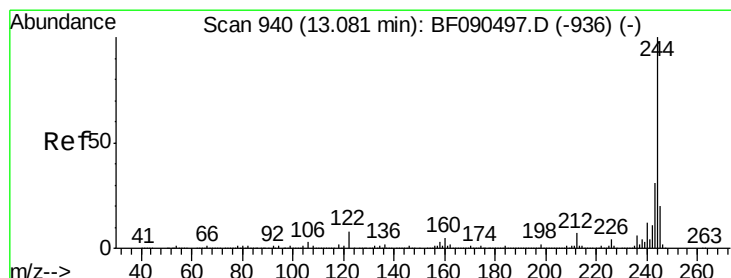
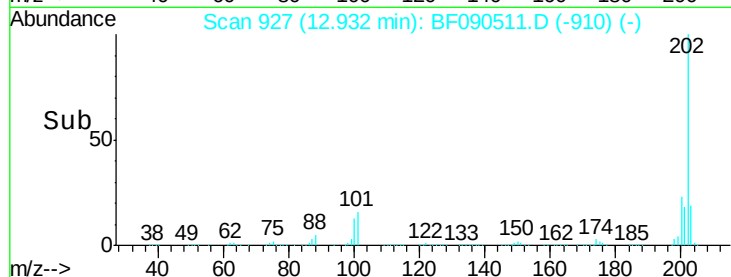
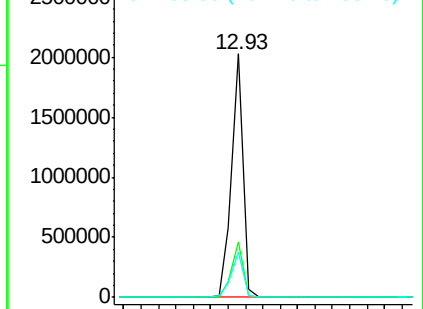
#77
Pyrene
 Concen: 35.95 ng
 RT: 12.93 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion:202 Resp: 1854350
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.5 27.7
 203 18.6 15.0 22.6

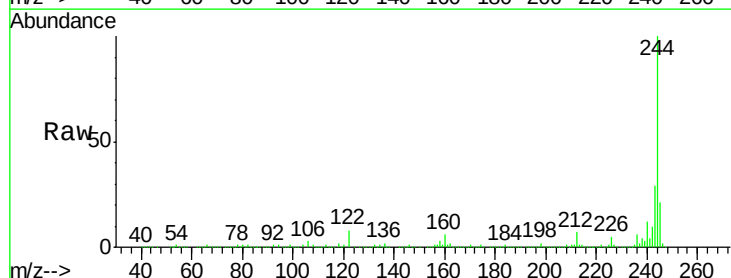


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

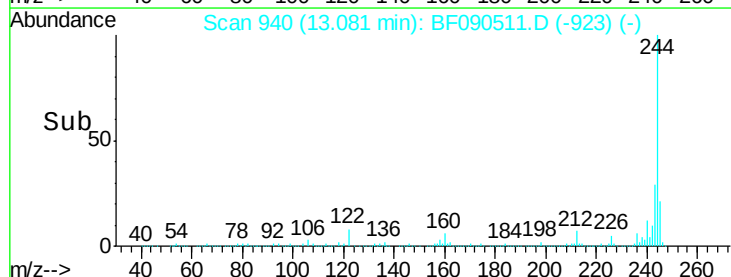
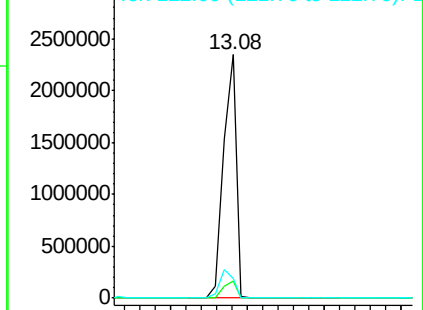


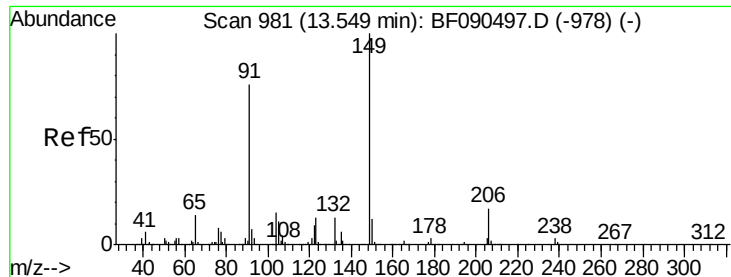
#78
Terphenyl-d14
 Concen: 81.96 ng
 RT: 13.08 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:244 Resp: 2763531
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.8 10.2
 122 8.1 13.3 19.9#



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

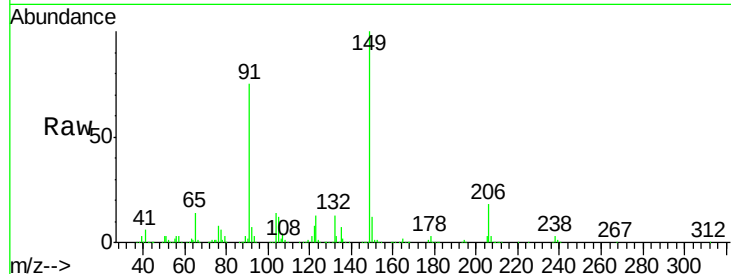




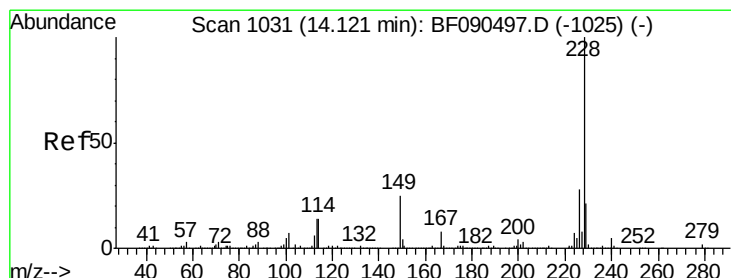
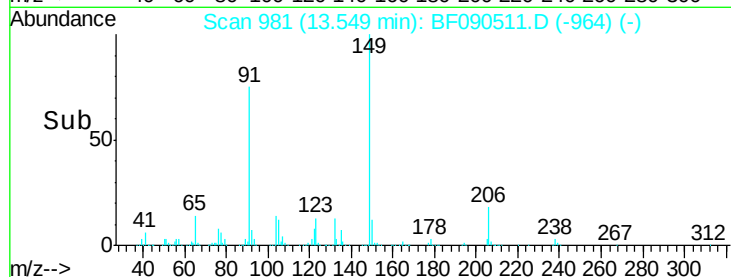
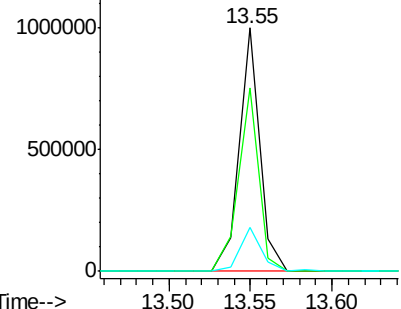
#79
Butylbenzylphthalate
Concen: 36.17 ng
RT: 13.55 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	51.8	77.8
206	18.3	18.0	27.0

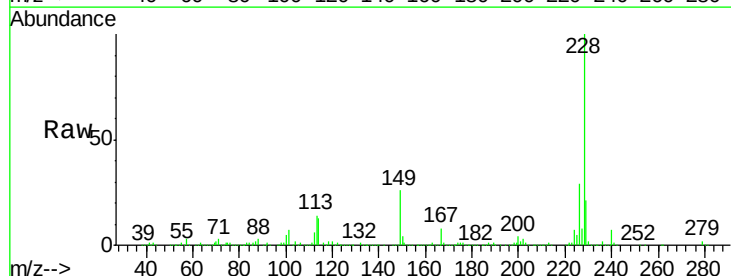


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

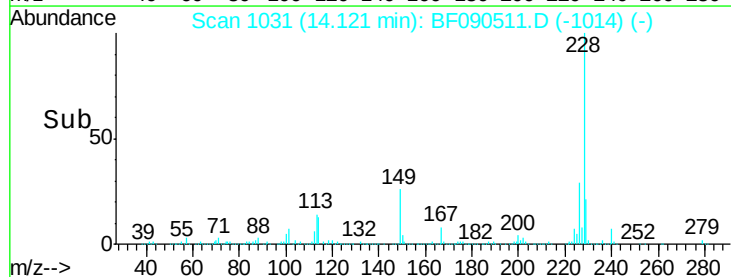
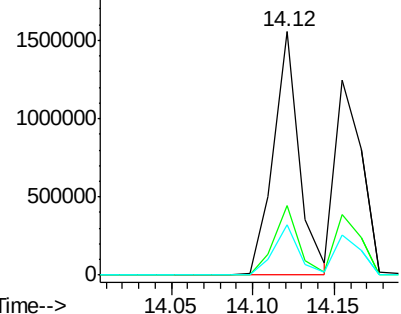


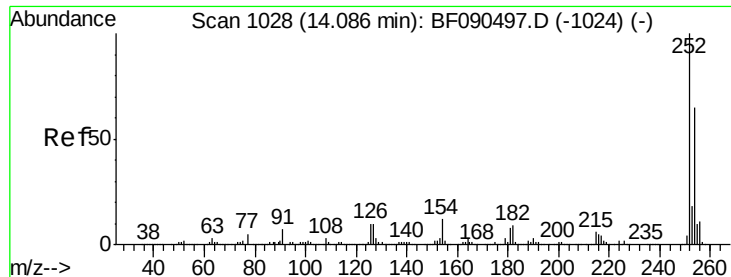
#80
Benzo(a)anthracene
Concen: 34.95 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	20.8	16.6	25.0



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

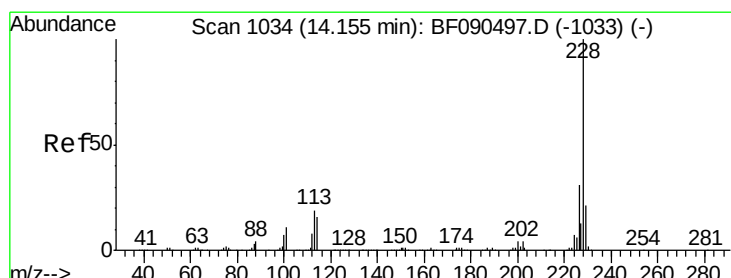
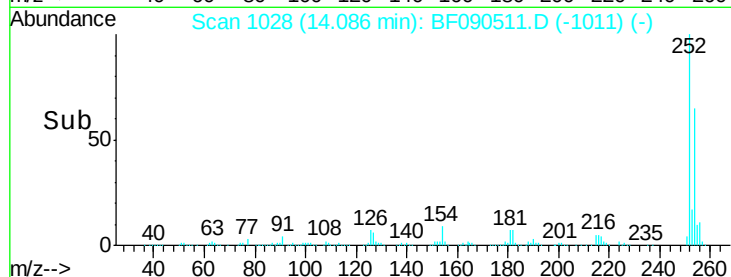
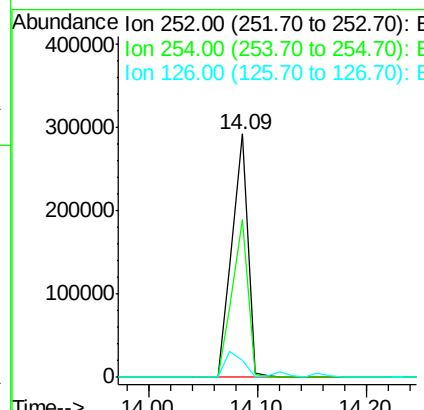
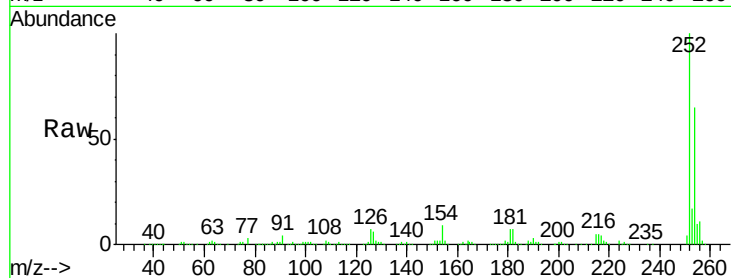




#81
 3,3'-Dichlorobenzidine
 Concen: 16.93 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

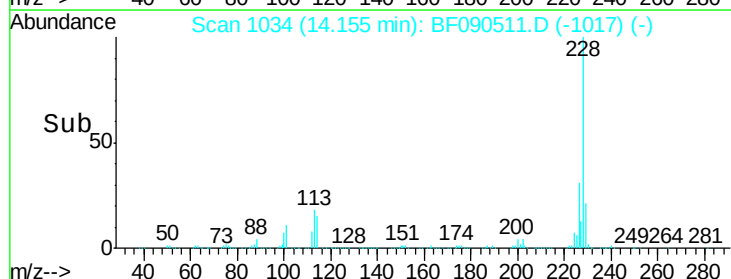
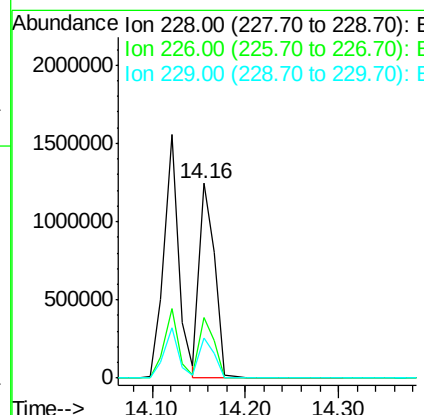
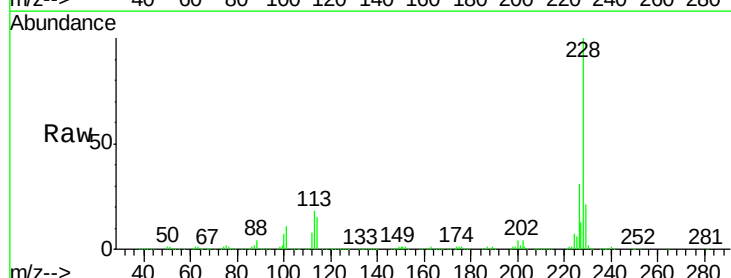
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

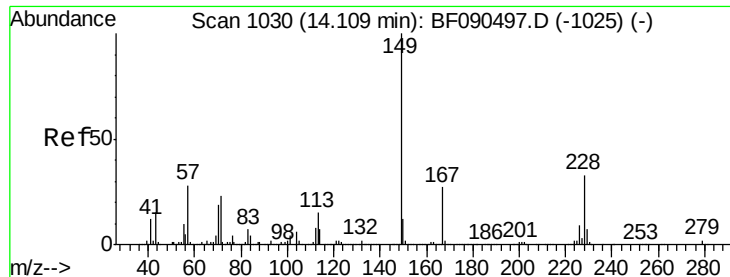
Tgt Ion: 252 Resp: 299099
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 6.9 4.2 6.4#



#82
 Chrysene
 Concen: 31.31 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion: 228 Resp: 1431115
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.8 38.6
 229 20.7 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.88 ng

RT: 14.11 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

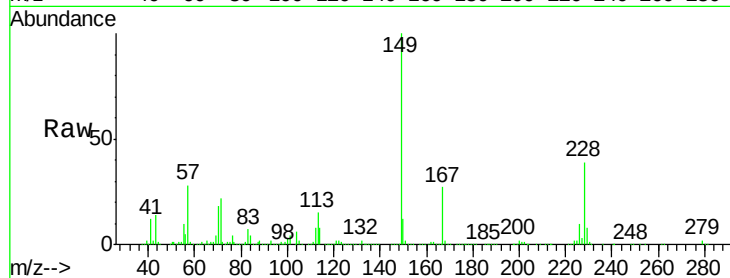
Tgt Ion:149 Resp: 1229225

Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

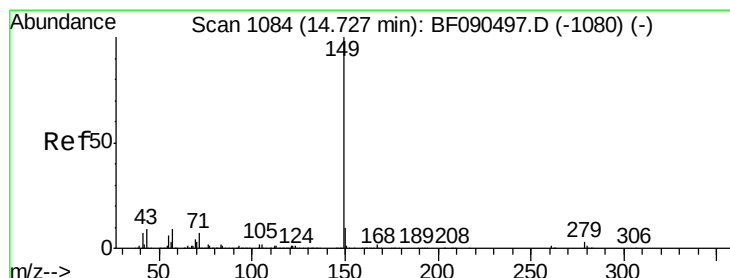
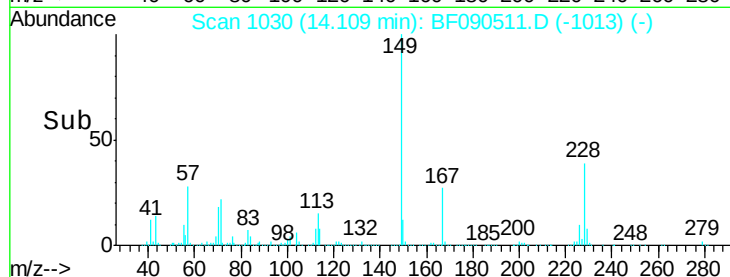
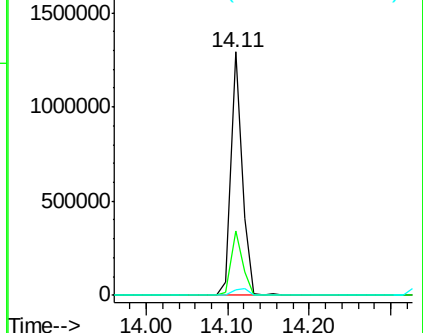
279 2.4 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.63 ng

RT: 14.73 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

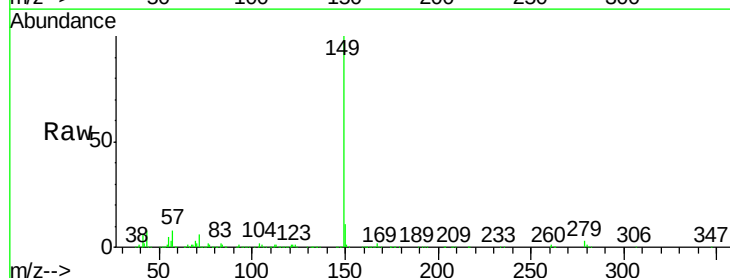
Tgt Ion:149 Resp: 2053181

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

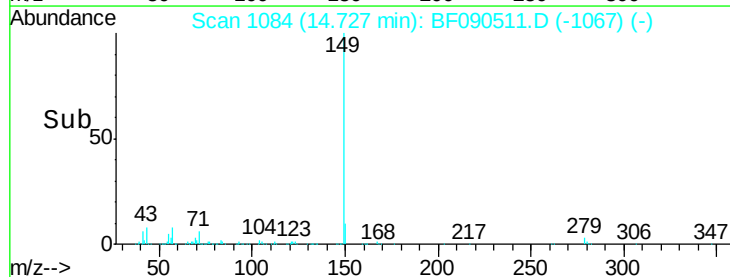
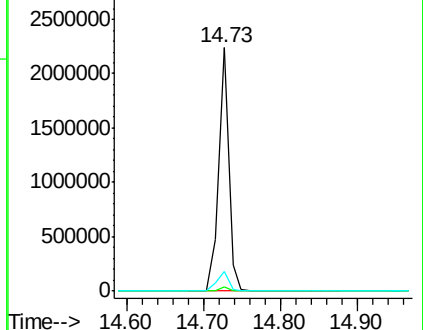
43 9.1 11.8 17.8#

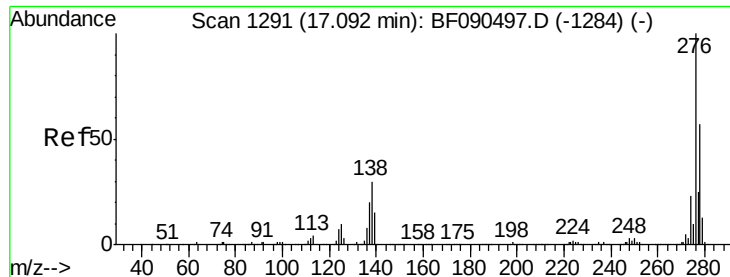


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



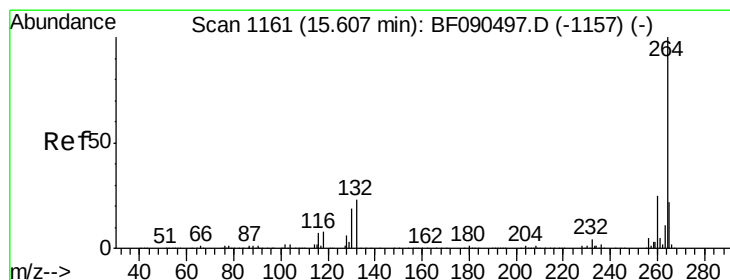
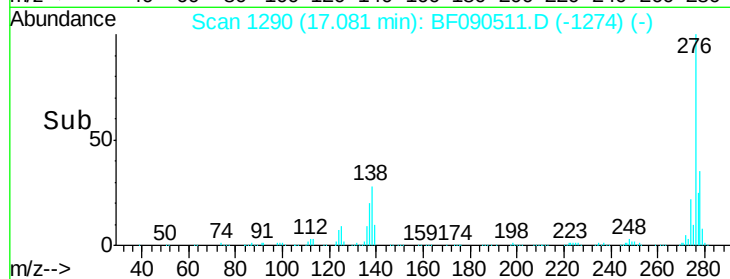
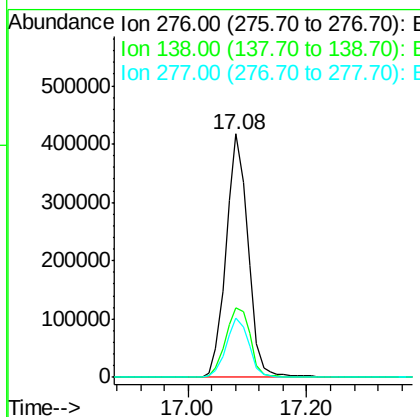
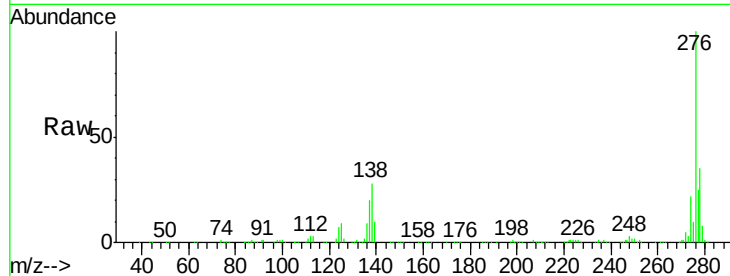


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.16 ng
 RT: 17.08 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tgt Ion: 276 Resp: 1071813

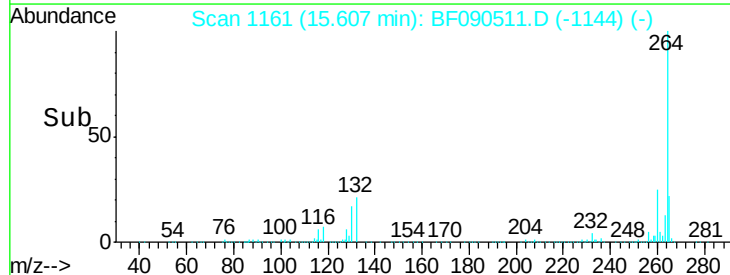
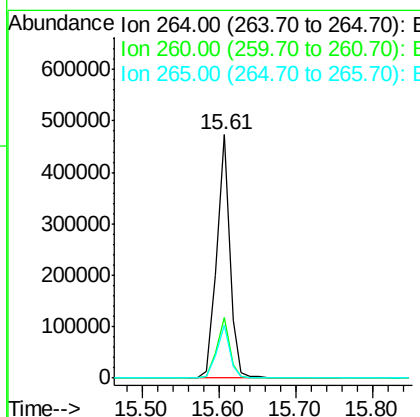
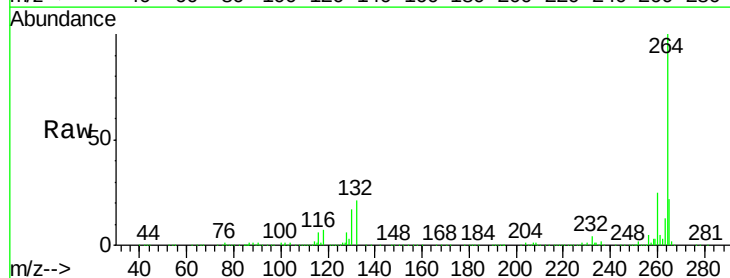
Ion	Ratio	Lower	Upper
276	100		
138	32.4	23.8	35.8
277	25.3	20.4	30.6

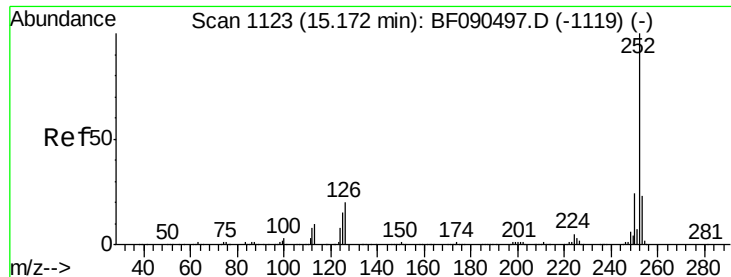


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion: 264 Resp: 564726

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.6	17.4	26.0

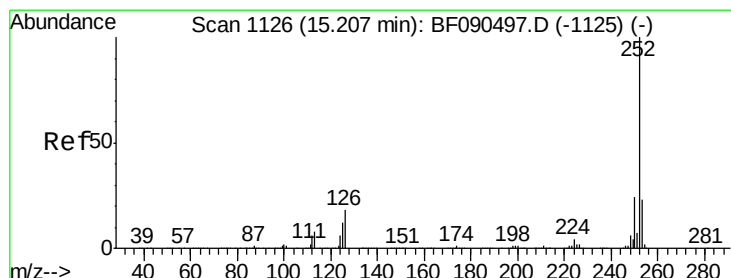
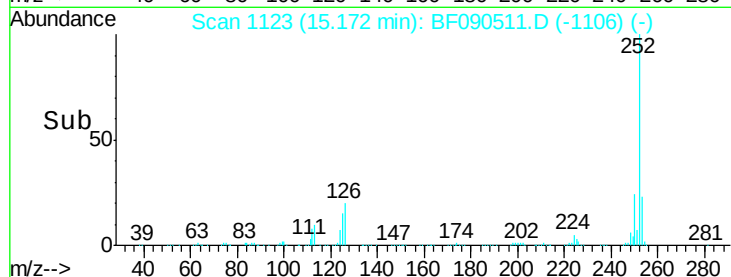
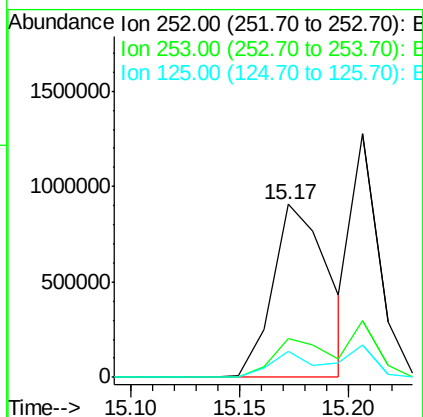
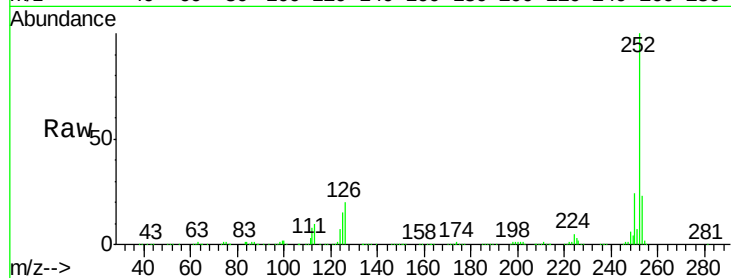




#87
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

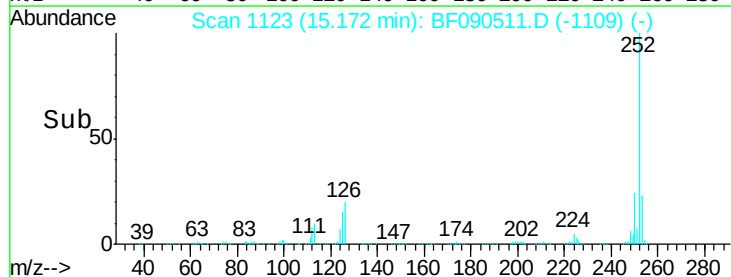
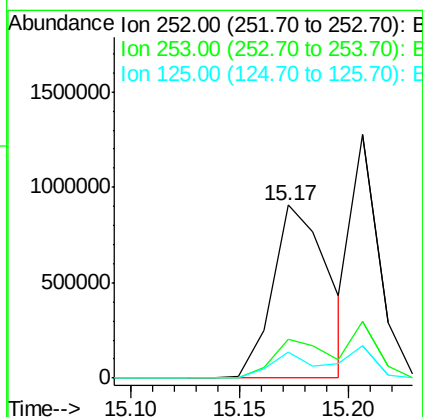
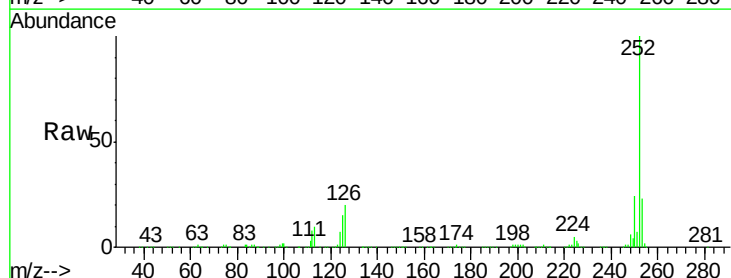
Instrument :
BNA_F
ClientSampleId :
PB93820BS

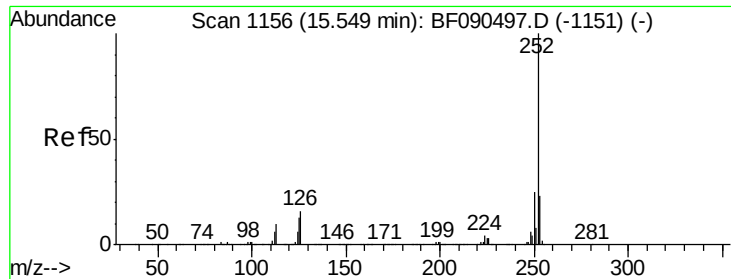
Tgt Ion:252 Resp: 1622266
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.0 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 48.88 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:252 Resp: 1622266
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 15.0 11.7 17.5





#89

Benzo(a)pyrene

Concen: 38.74 ng

RT: 15.55 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

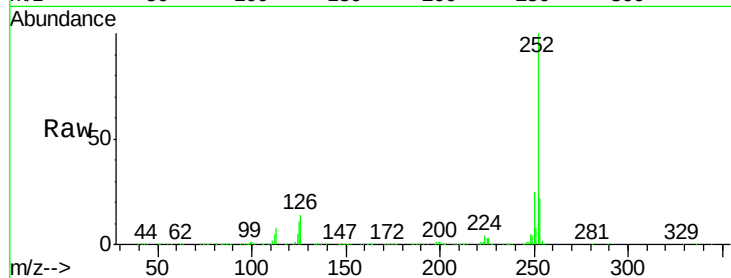
Tgt Ion:252 Resp: 1267612

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

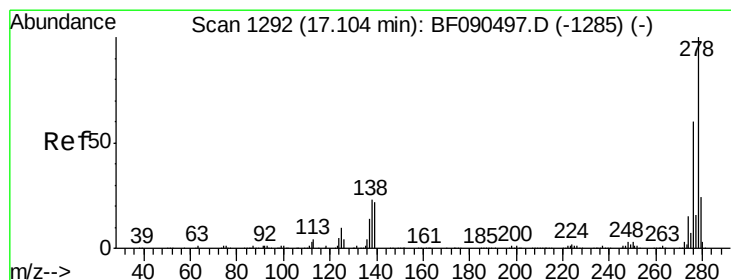
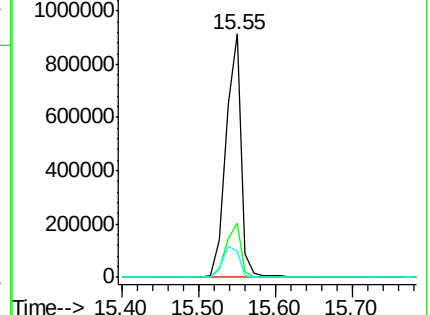
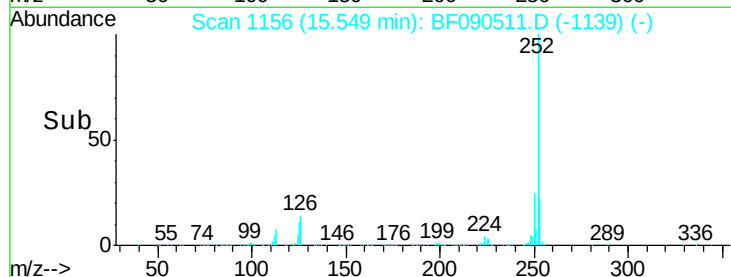
125 10.8 9.8 14.8



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: 33.26 ng

RT: 17.10 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

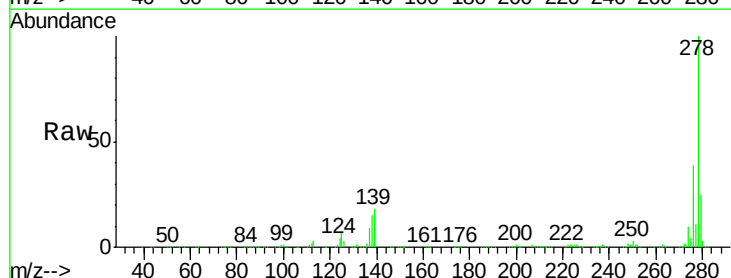
Tgt Ion:278 Resp: 924379

Ion Ratio Lower Upper

278 100

139 17.9 12.8 19.2

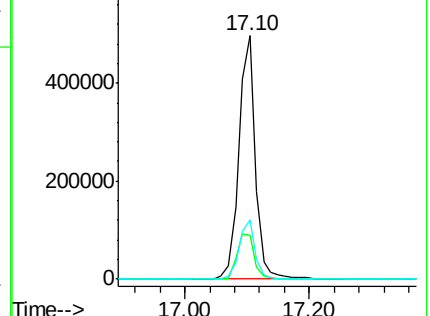
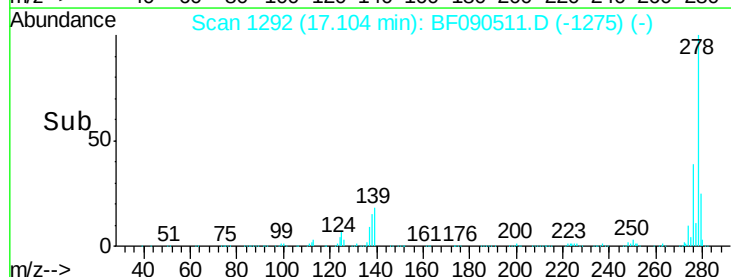
279 24.5 19.6 29.4

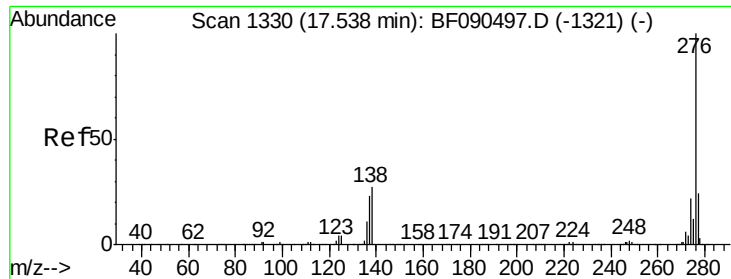


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.61 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

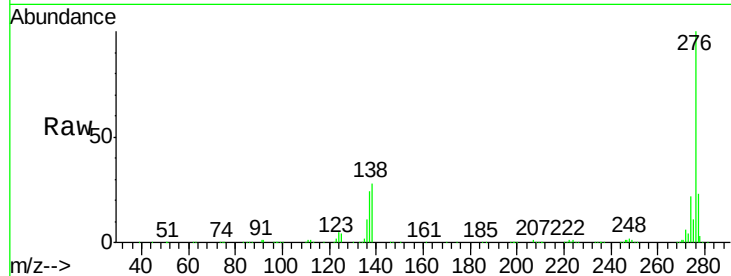
Tgt Ion: 276 Resp: 838340

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 28.3 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

