

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101116\
 Data File : BF090505.D
 Acq On : 11 Oct 2016 16:48
 Operator : UM/SJ
 Sample : PB93839BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Quant Time: Oct 11 17:16:20 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	222487	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	915736	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	484831	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	817671	20.00	ng	0.01
75) Chrysene-d12	14.13	240	784835	20.00	ng	0.00
86) Perylene-d12	15.61	264	534717	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1578370	110.37	ng	0.01
7) Phenol-d6	6.59	99	2023885	112.15	ng	0.00
23) Nitrobenzene-d5	7.51	82	1261816	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	625245	130.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2270396	78.70	ng	0.00
78) Terphenyl-d14	13.08	244	2612982	81.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	212859	30.34	ng	# 84
3) Pyridine	3.45	79	595898	30.74	ng	# 76
4) n-Nitrosodimethylamine	3.40	42	243020	38.25	ng	# 40
6) Aniline	6.61	93	484181	21.15	ng	97
8) 2-Chlorophenol	6.74	128	581397	38.22	ng	98
9) Benzaldehyde	6.50	77	184106	16.19	ng	96
10) Phenol	6.60	94	857530	42.12	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	602371	39.53	ng	90
12) 1,3-Dichlorobenzene	6.90	146	611262	37.24	ng	98
13) 1,4-Dichlorobenzene	6.97	146	581217	34.71	ng	99
14) 1,2-Dichlorobenzene	7.13	146	623590	40.98	ng	97
15) Benzyl Alcohol	7.09	79	526504	37.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	750898	34.39	ng	89
17) 2-Methylphenol	7.21	107	490996	39.68	ng	99
18) Hexachloroethane	7.47	117	229888	37.20	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	438833	38.12	ng	# 80
20) 3+4-Methylphenols	7.37	107	642516	41.01	ng	# 75
22) Acetophenone	7.37	105	806882	40.02	ng	# 88
24) Nitrobenzene	7.54	77	712611	39.35	ng	# 87
25) Isophorone	7.78	82	1234021	40.16	ng	97
26) 2-Nitrophenol	7.86	139	327977	39.70	ng	95
27) 2,4-Dimethylphenol	7.89	122	578816	41.21	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	712064	37.52	ng	97
29) 2,4-Dichlorophenol	8.10	162	492297	41.91	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	490803	36.37	ng	99
31) Naphthalene	8.26	128	1626797	35.66	ng	98
32) Benzoic acid	8.01	122	354981	32.03	ng	99
33) 4-Chloroaniline	8.30	127	243790	12.62	ng	95
34) Hexachlorobutadiene	8.38	225	278961	36.98	ng	99
35) Caprolactam	8.67	113	116146	30.50	ng	# 79
36) 4-Chloro-3-methylphenol	8.79	107	549509	40.06	ng	97
37) 2-Methylnaphthalene	8.95	142	1129794	36.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	532628	39.24	ng	98
40) Hexachlorocyclopentadiene	9.11	237	660129	97.98	ng	99

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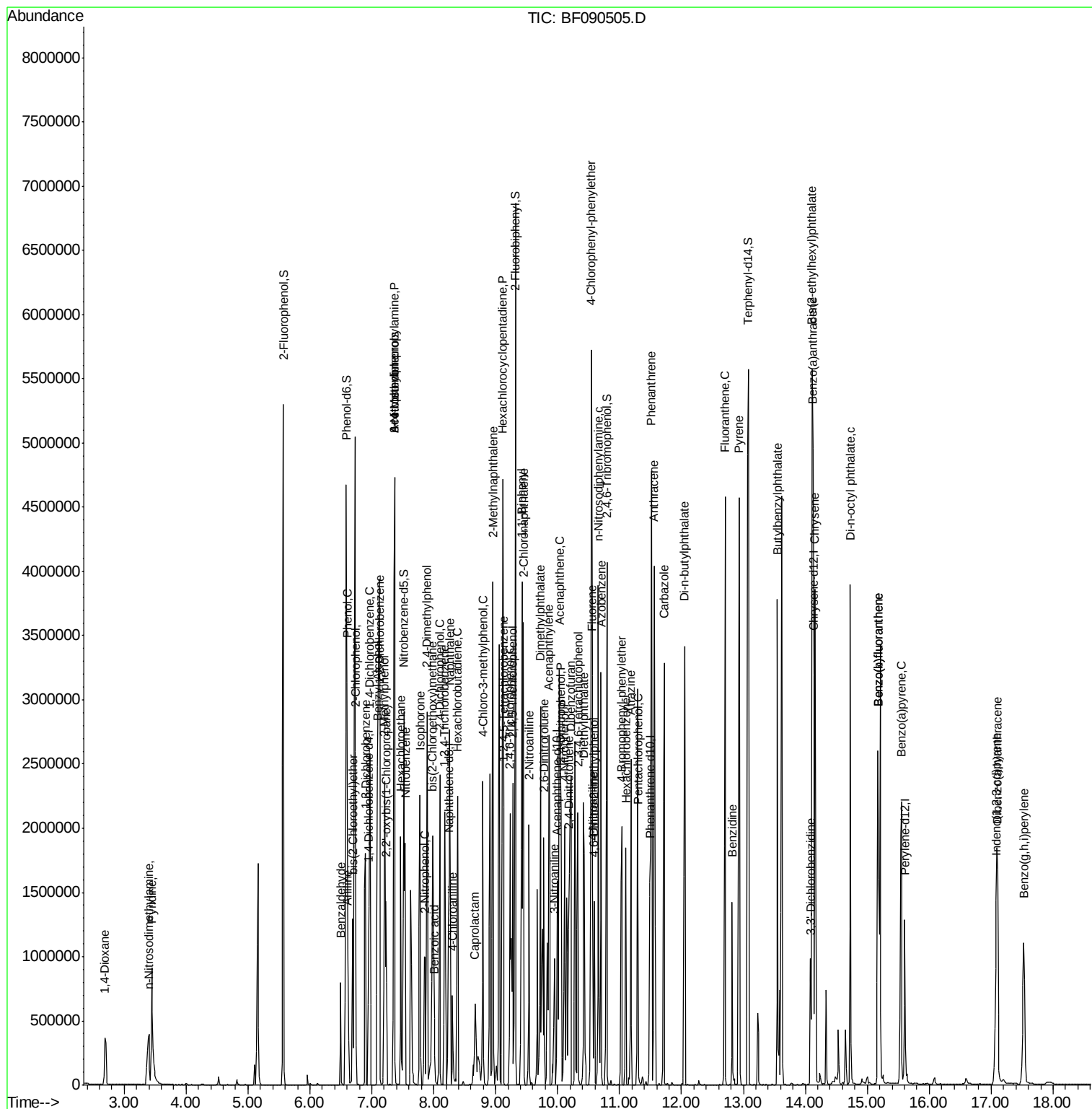
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	339906	37.14	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	360445	39.80	ng	96
45) 1,1'-Biphenyl	9.42	154	1417250	38.27	ng	95
46) 2-Chloronaphthalene	9.45	162	1134622	41.18	ng	97
47) 2-Nitroaniline	9.54	65	387318	39.41	ng	96
48) Acenaphthylene	9.86	152	1598558	35.96	ng	98
49) Dimethylphthalate	9.72	163	1218468	37.37	ng	99
50) 2,6-Dinitrotoluene	9.78	165	266110	36.96	ng	94
51) Acenaphthene	10.03	154	1145866	38.46	ng	97
52) 3-Nitroaniline	9.95	138	180742	20.23	ng	# 88
53) 2,4-Dinitrophenol	10.05	184	274773	68.78	ng	# 83
54) Dibenzofuran	10.21	168	1563554	39.45	ng	96
55) 4-Nitrophenol	10.11	139	541673	78.03	ng	94
56) 2,4-Dinitrotoluene	10.19	165	428909	45.04	ng	90
57) Fluorene	10.55	166	1229161	37.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324490	42.95	ng	95
59) Diethylphthalate	10.42	149	1268636	38.25	ng	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	645032	43.20	ng	90
61) 4-Nitroaniline	10.57	138	308535	33.85	ng	94
62) Azobenzene	10.70	77	1517637	41.90	ng	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	184198	33.73	ng	# 82
65) n-Nitrosodiphenylamine	10.66	169	1000888	37.64	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	380207	41.96	ng	# 85
67) Hexachlorobenzene	11.10	284	399093	39.88	ng	# 84
68) Atrazine	11.18	200	292109	35.50	ng	98
69) Pentachlorophenol	11.30	266	469411	78.82	ng	97
70) Phenanthrene	11.51	178	1891541	41.98	ng	98
71) Anthracene	11.56	178	1636645	35.85	ng	98
72) Carbazole	11.72	167	1727035	40.05	ng	96
73) Di-n-butylphthalate	12.05	149	2067053	39.81	ng	# 97
74) Fluoranthene	12.70	202	1900669	41.32	ng	94
76) Benzidine	12.82	184	488314	19.80	ng	99
77) Pyrene	12.93	202	1882142	38.31	ng	99
79) Butylbenzylphthalate	13.55	149	824717	35.86	ng	88
80) Benzo(a)anthracene	14.12	228	1668862	35.68	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	291552	17.32	ng	99
82) Chrysene	14.16	228	1382701	31.76	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1158141	34.51	ng	# 100
84) Di-n-octyl phthalate	14.73	149	1947940	37.48	ng	# 87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1135413	31.32	ng	97
87) Benzo(b)fluoranthene	15.17	252	1601334	45.39	ng	# 95
88) Benzo(k)fluoranthene	15.17	252	1601334	50.96	ng	99
89) Benzo(a)pyrene	15.55	252	1292002	41.70	ng	97
90) Dibenzo(a,h)anthracene	17.10	278	972013	36.93	ng	97
91) Benzo(g,h,i)perylene	17.53	276	894635	36.76	ng	97

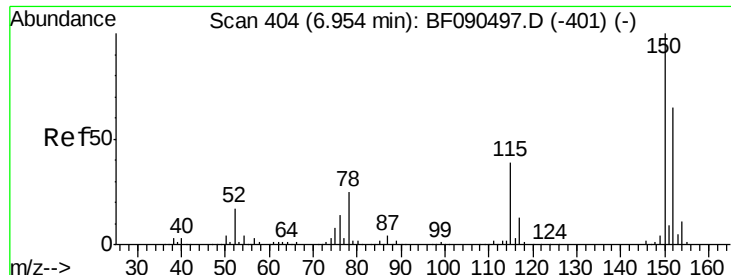
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

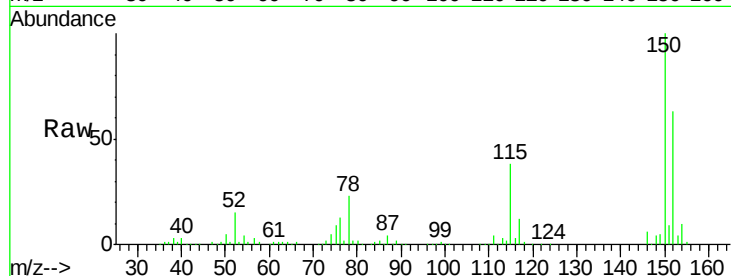
Tgt Ion:152 Resp: 222487

Ion Ratio Lower Upper

152 100

150 157.9 124.6 186.8

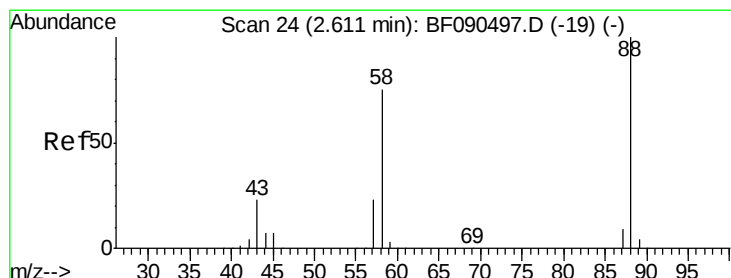
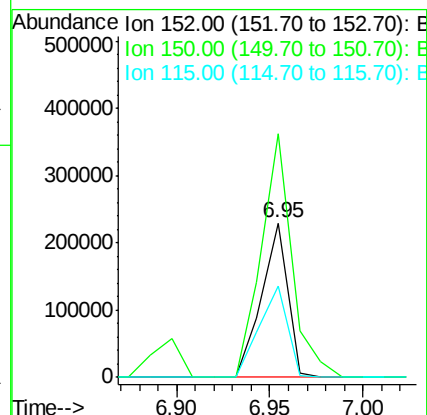
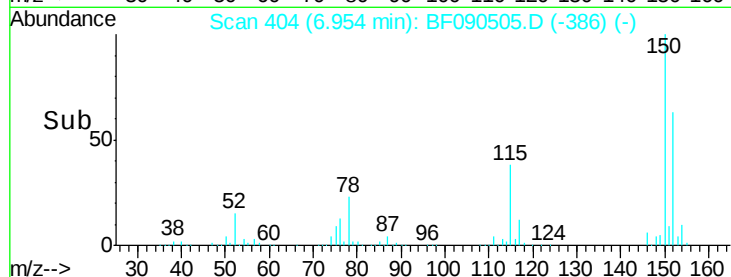
115 59.3 46.2 69.4



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: 30.34 ng

RT: 2.69 min Scan# 31

Delta R.T. 0.08 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

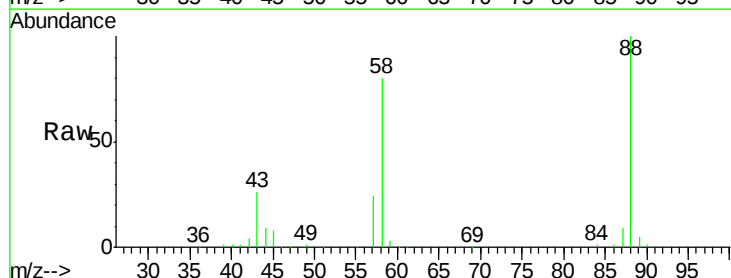
Tgt Ion: 88 Resp: 212859

Ion Ratio Lower Upper

88 100

58 75.8 71.2 106.8

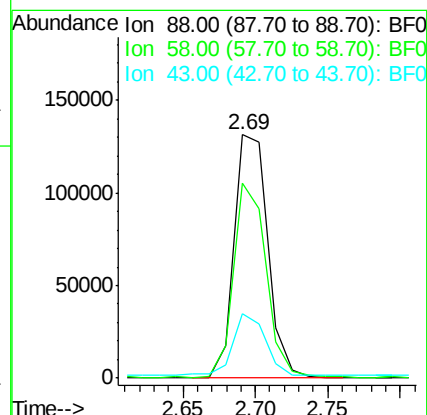
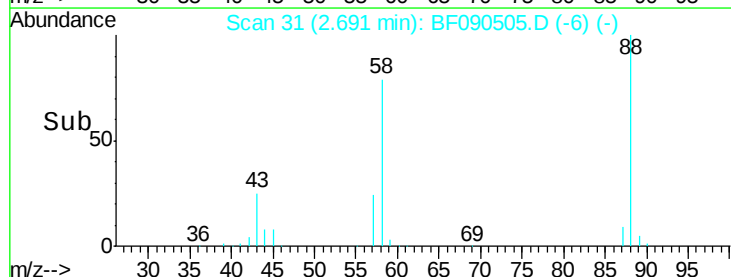
43 24.2 29.8 44.6#

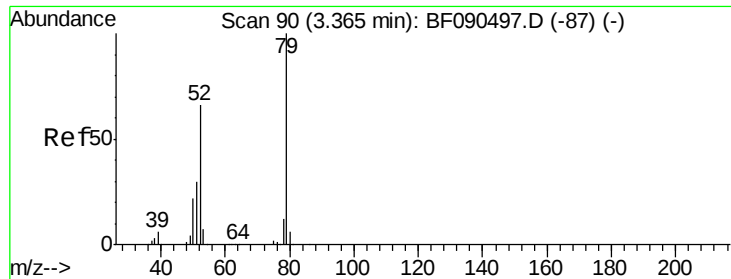


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.74 ng

RT: 3.45 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

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BNA_F

ClientSampleId :

PB93839BS

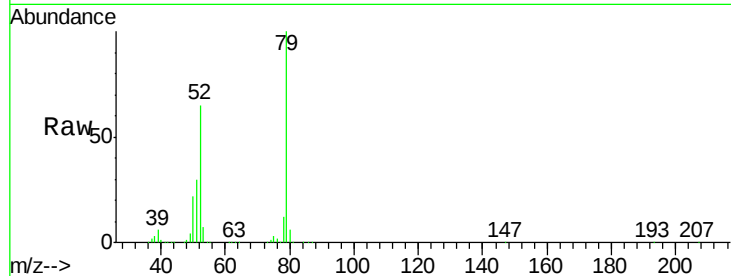
Tgt Ion: 79 Resp: 595898

Ion Ratio Lower Upper

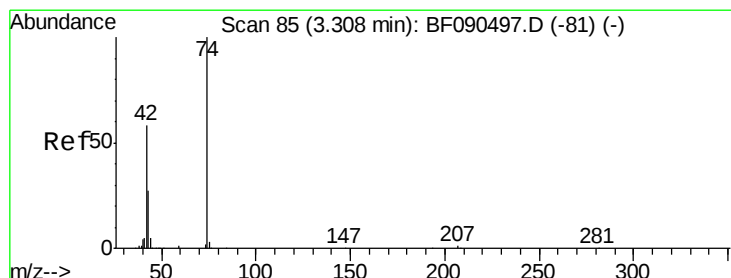
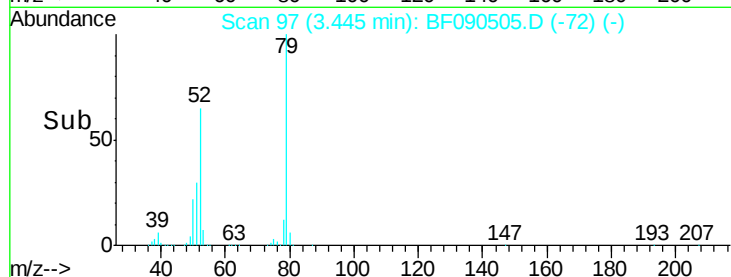
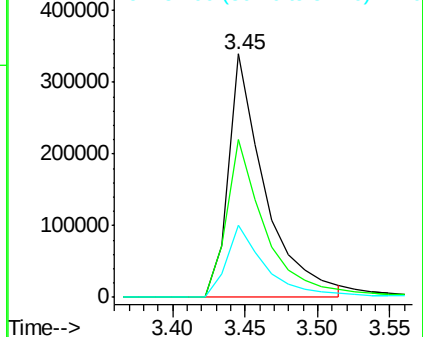
79 100

52 65.0 71.3 106.9#

51 29.8 34.5 51.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.25 ng

RT: 3.40 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

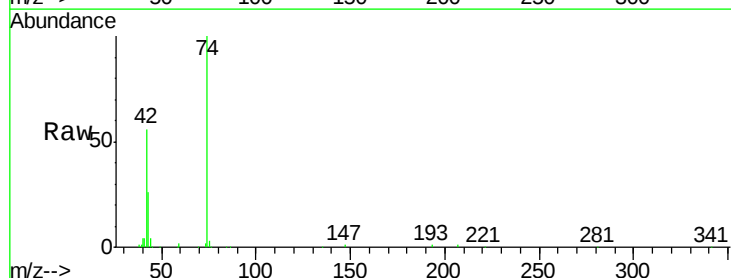
Tgt Ion: 42 Resp: 243020

Ion Ratio Lower Upper

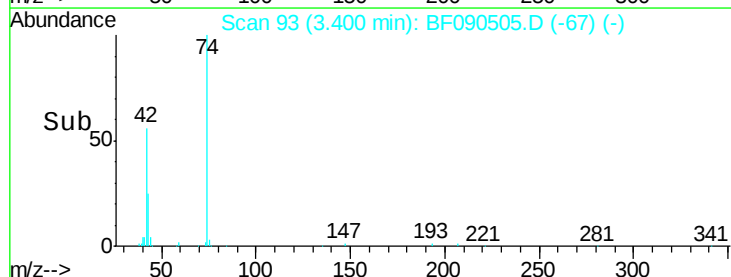
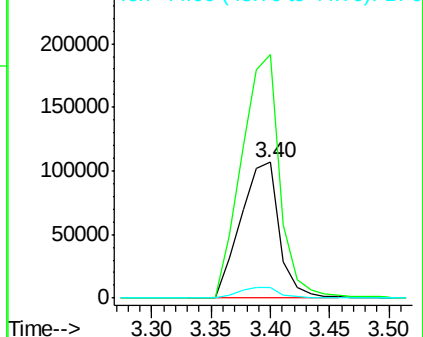
42 100

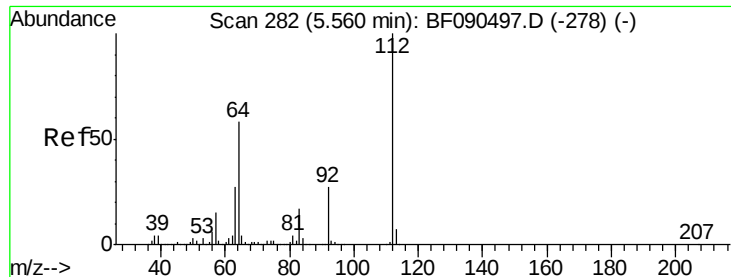
74 179.2 88.9 133.3#

44 8.1 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.37 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090505.D

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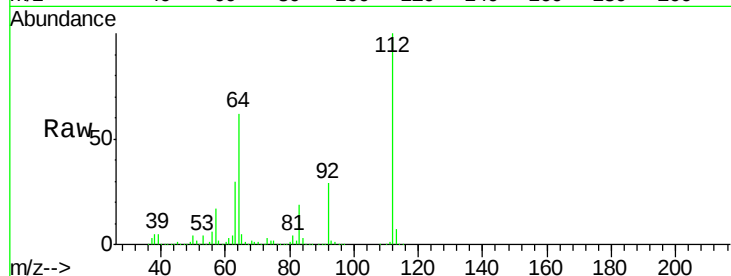
Tgt Ion:112 Resp: 1578370

Ion Ratio Lower Upper

112 100

64 61.8 57.9 86.9

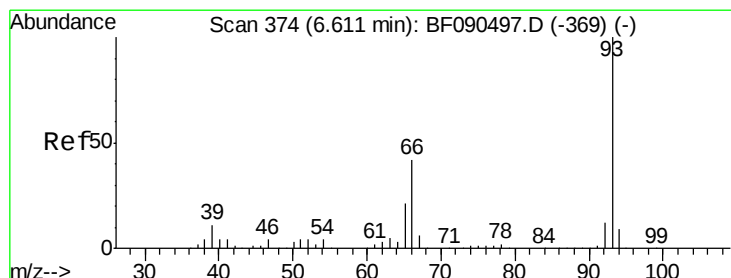
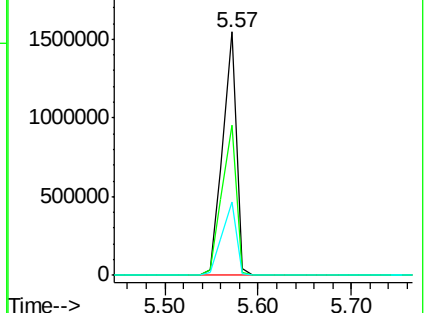
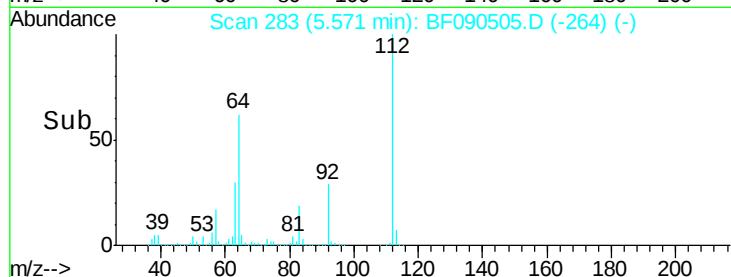
63 30.4 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.15 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

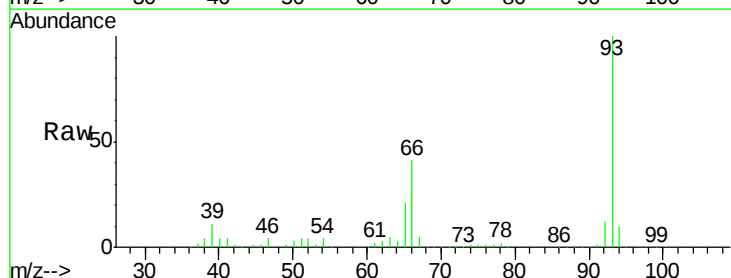
Tgt Ion: 93 Resp: 484181

Ion Ratio Lower Upper

93 100

66 41.3 34.5 51.7

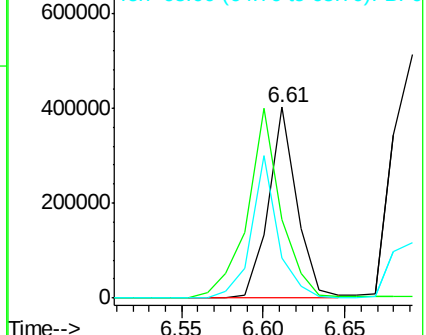
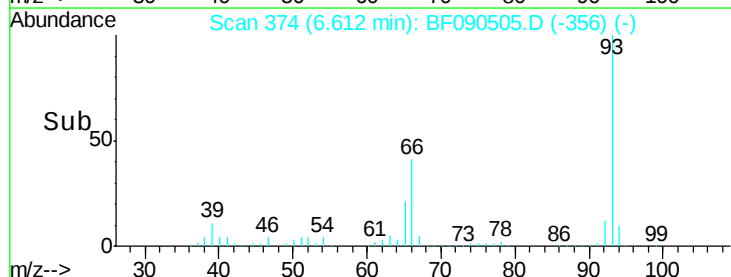
65 21.1 18.2 27.2

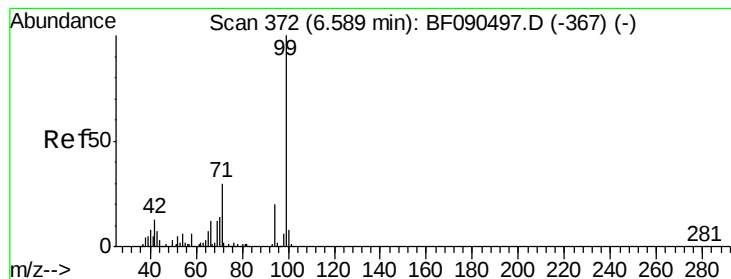


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.15 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

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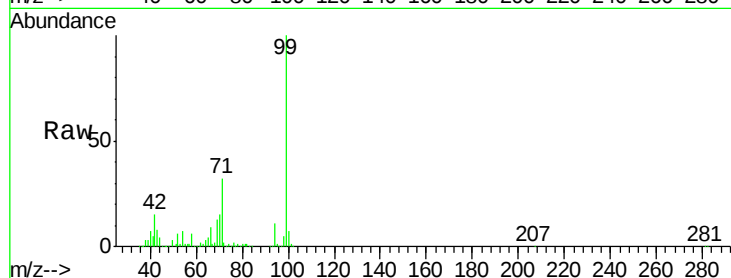
Tgt Ion: 99 Resp: 2023885

Ion Ratio Lower Upper

99 100

42 15.1 20.0 30.0#

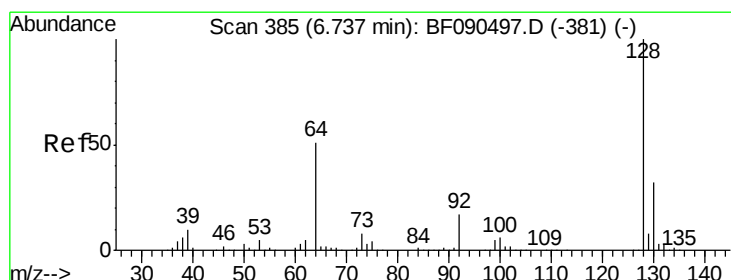
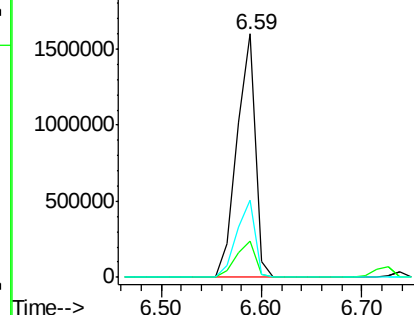
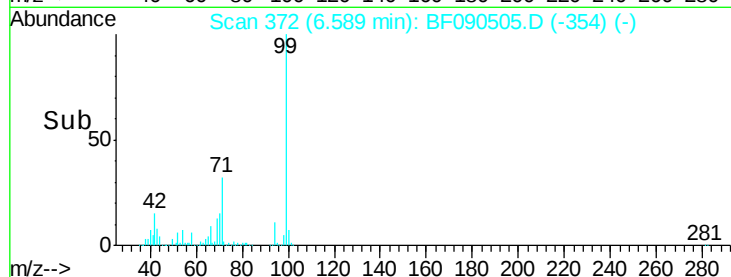
71 32.0 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.22 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

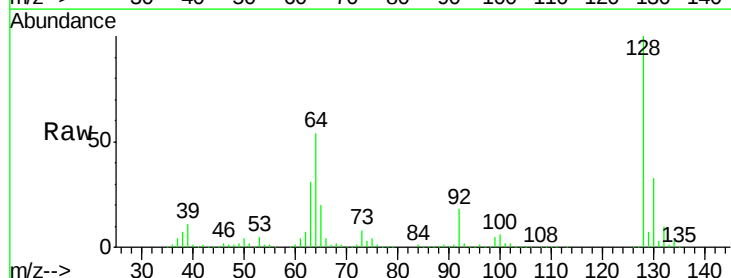
Tgt Ion: 128 Resp: 581397

Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

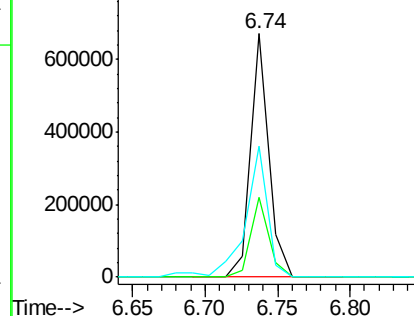
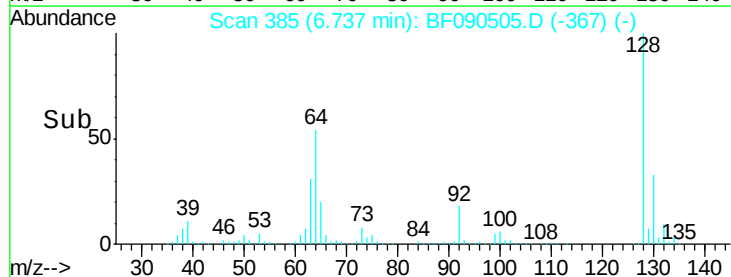
64 54.0 36.0 76.0

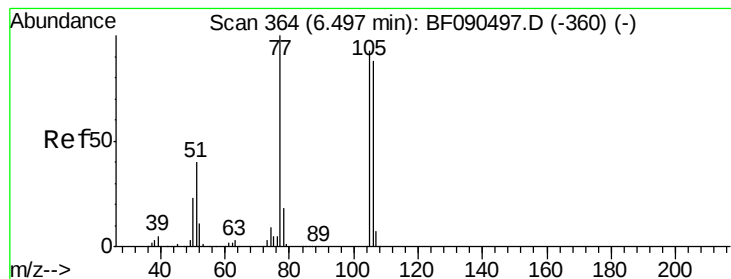


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.19 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

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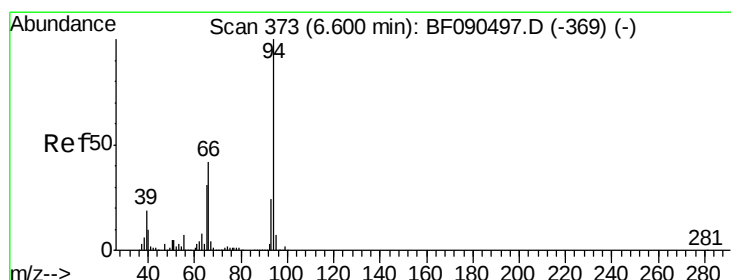
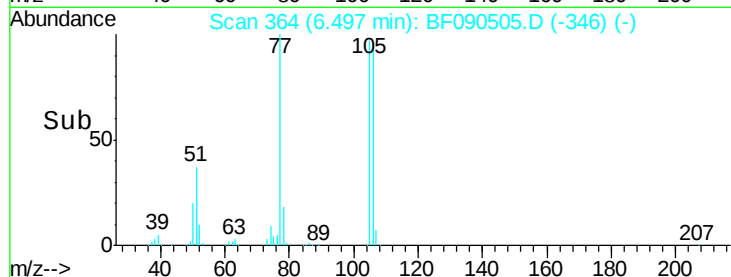
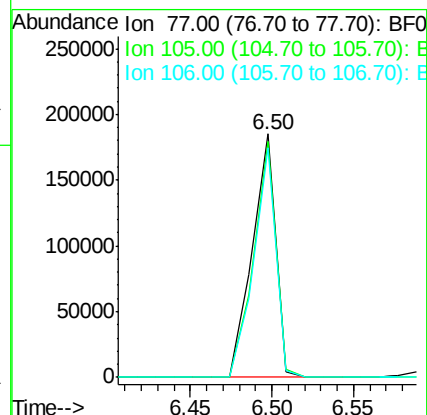
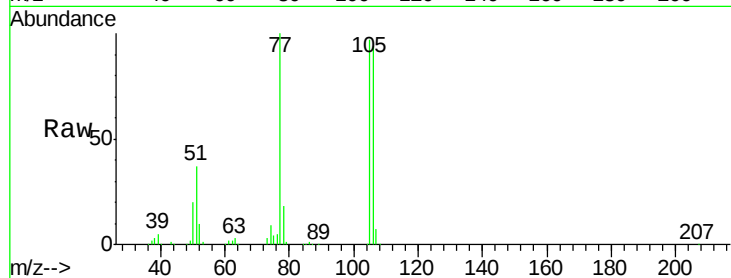
Tgt Ion: 77 Resp: 184106

Ion Ratio Lower Upper

77 100

105 97.1 73.1 113.1

106 94.4 70.2 110.2



#10

Phenol

Concen: 42.12 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

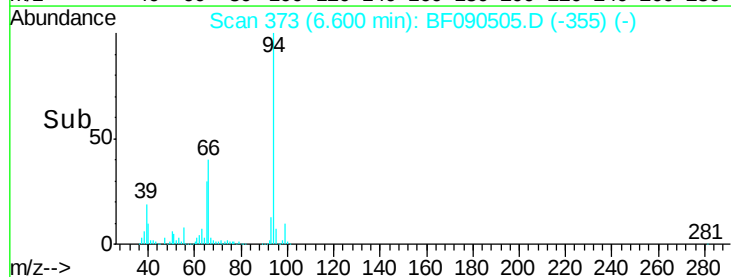
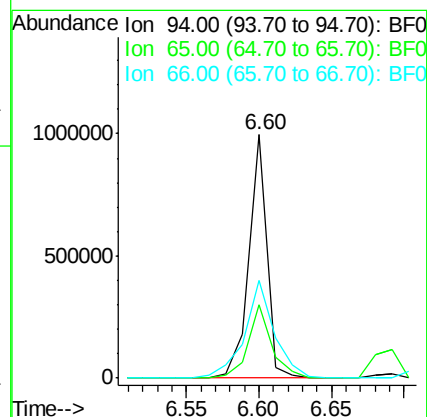
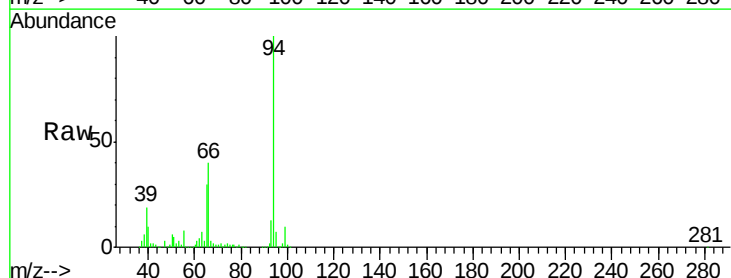
Tgt Ion: 94 Resp: 857530

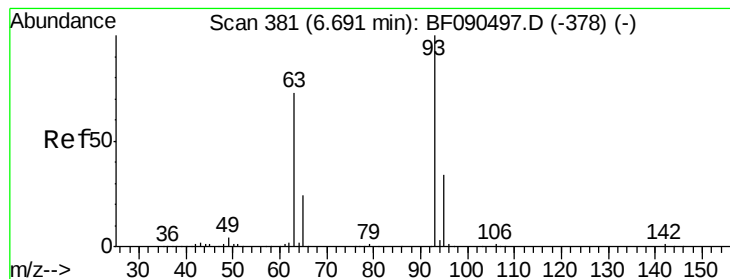
Ion Ratio Lower Upper

94 100

65 30.1 13.3 53.3

66 40.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 39.53 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

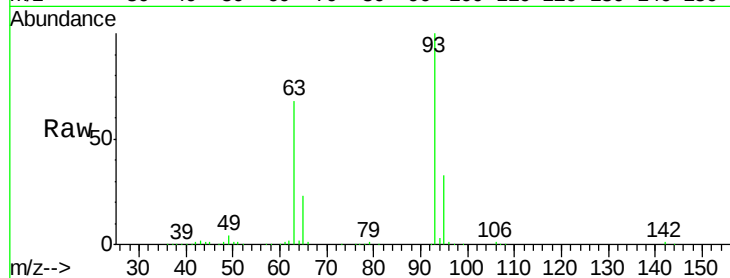
Tgt Ion: 93 Resp: 602371

Ion Ratio Lower Upper

93 100

63 67.9 59.7 99.7

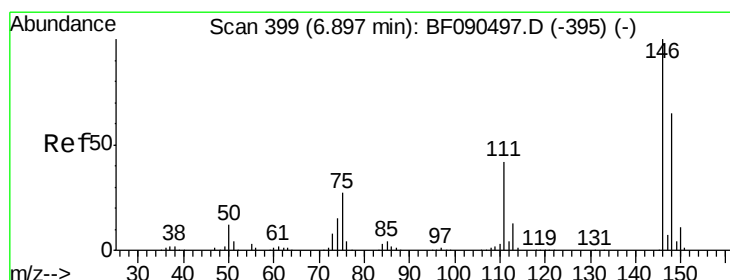
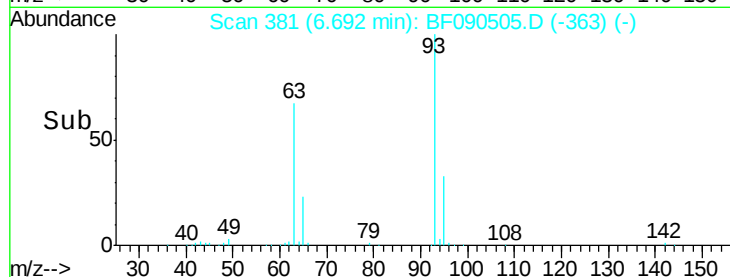
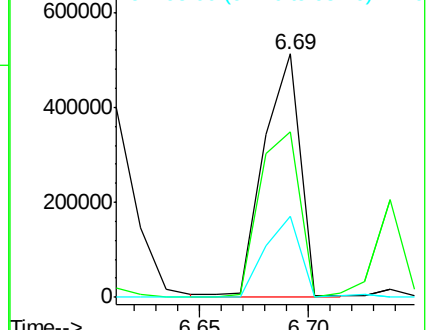
95 33.0 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.24 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

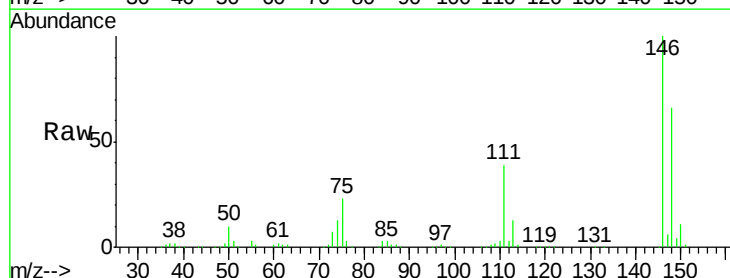
Tgt Ion: 146 Resp: 611262

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

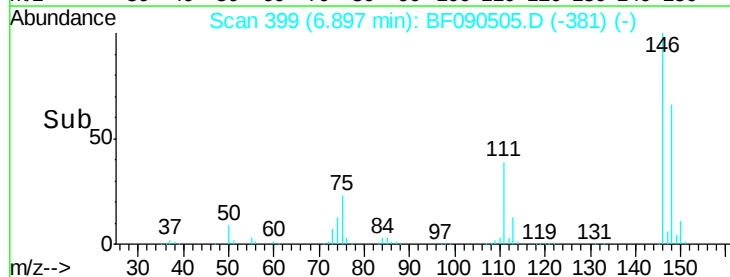
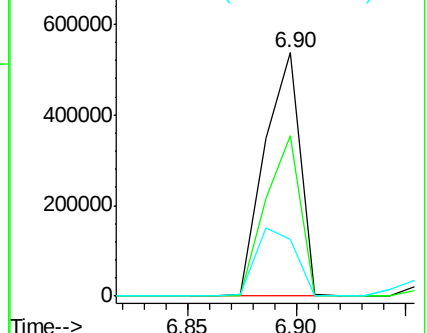
75 23.4 21.4 32.2

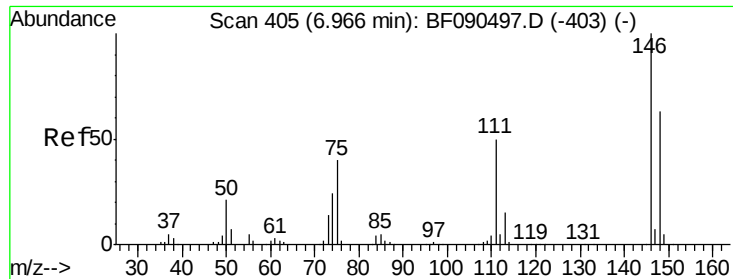


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

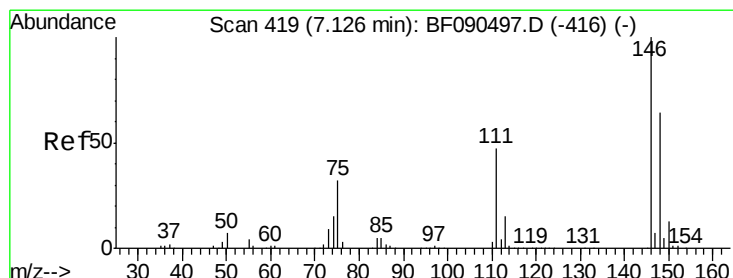
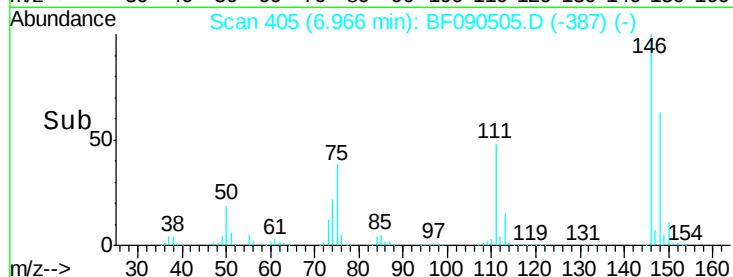
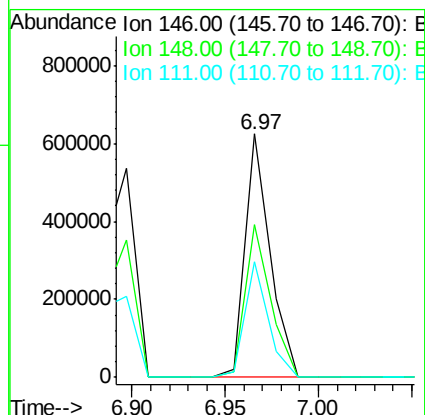
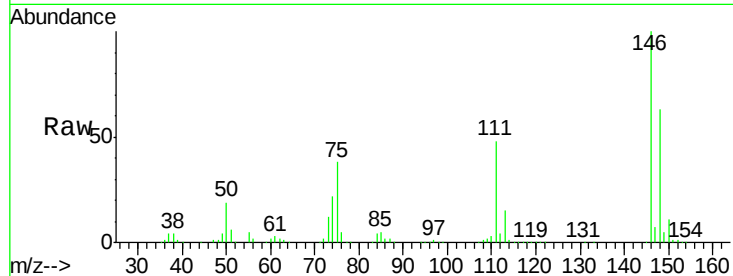




#13
 1,4-Dichlorobenzene
 Concen: 34.71 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

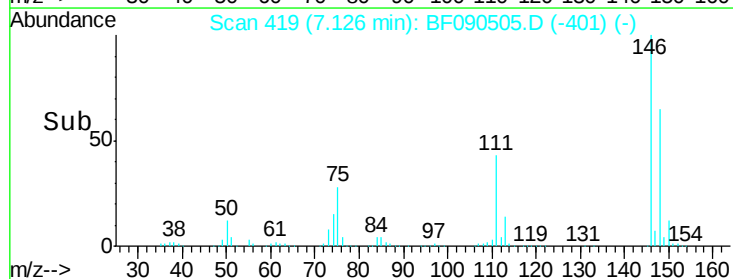
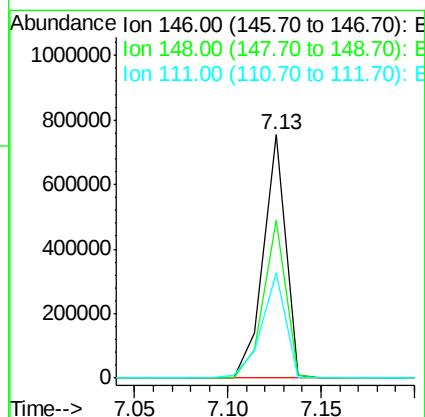
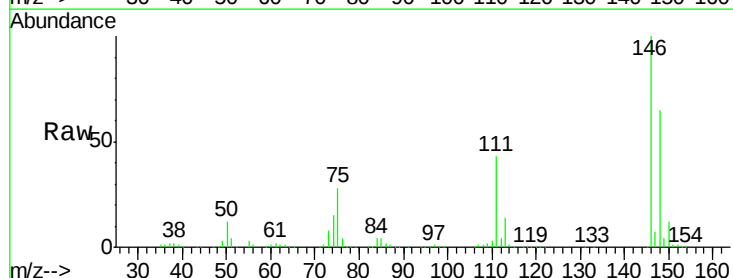
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:146 Resp: 581217
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 47.7 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.98 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:146 Resp: 623590
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 43.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 37.99 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

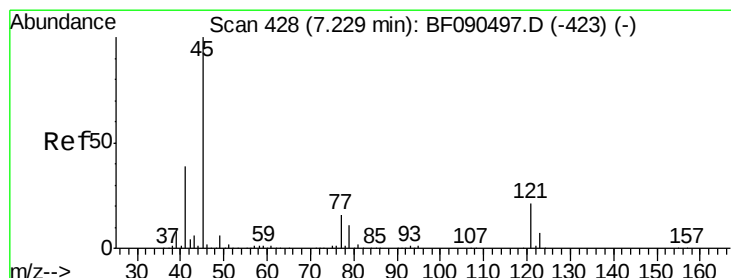
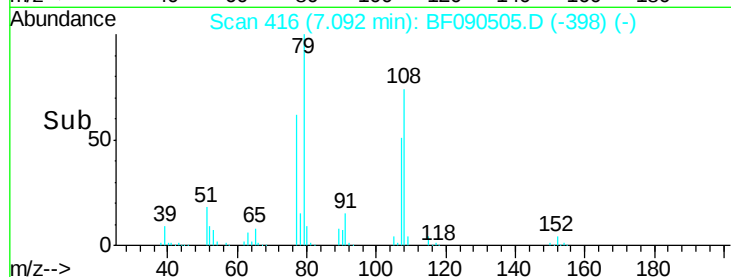
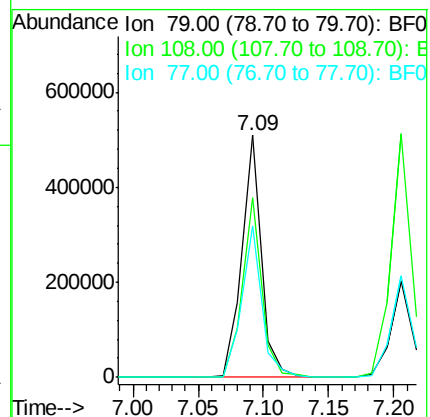
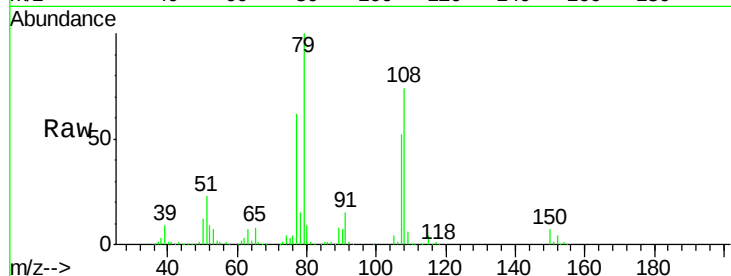
Tgt Ion: 79 Resp: 526504

Ion Ratio Lower Upper

79 100

108 74.2 60.9 91.3

77 62.5 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.39 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

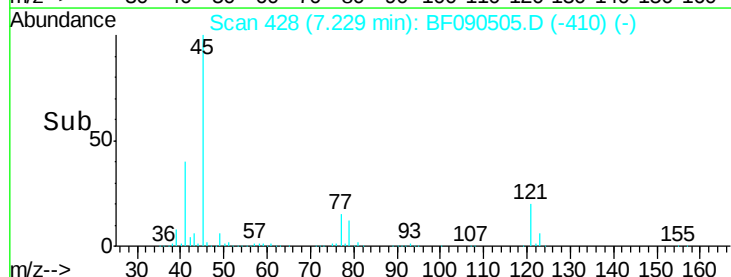
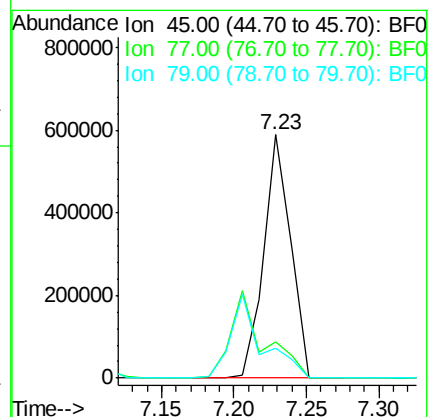
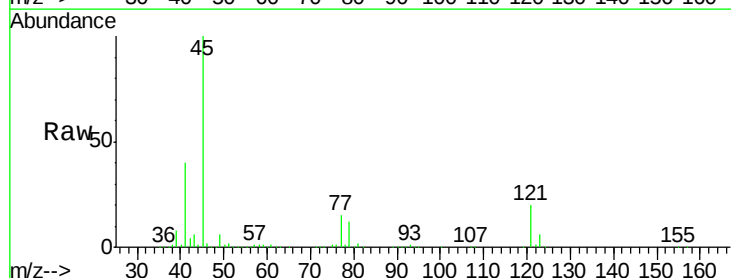
Tgt Ion: 45 Resp: 750898

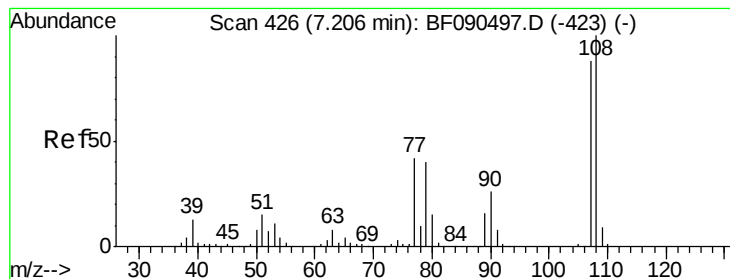
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.8

79 12.1 0.0 28.2





#17

2-Methylphenol

Concen: 39.68 ng

RT: 7.21 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

Tgt Ion:107 Resp: 490996

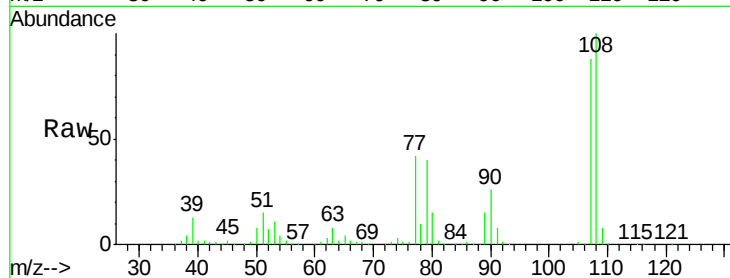
Ion Ratio Lower Upper

107 100

108 113.8 90.9 136.3

77 47.3 38.2 57.4

79 45.3 37.0 55.4

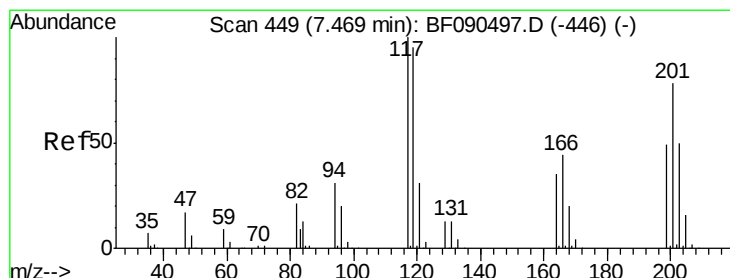
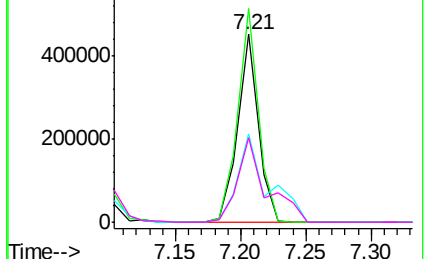
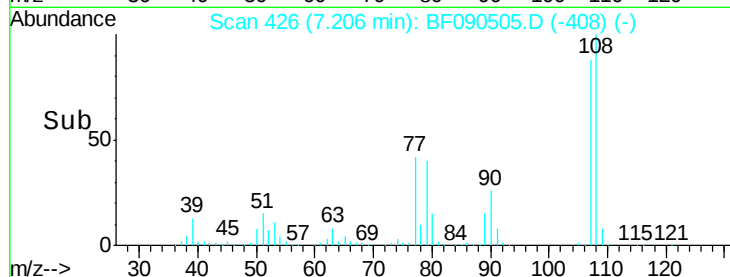


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.20 ng

RT: 7.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

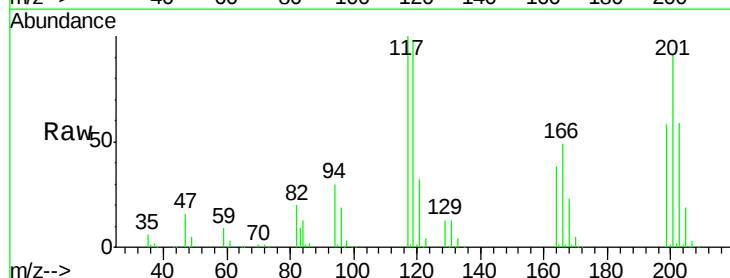
Tgt Ion:117 Resp: 229888

Ion Ratio Lower Upper

117 100

119 97.6 75.9 113.9

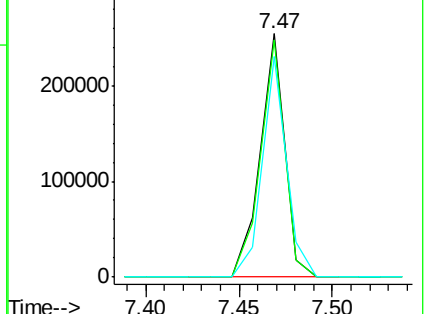
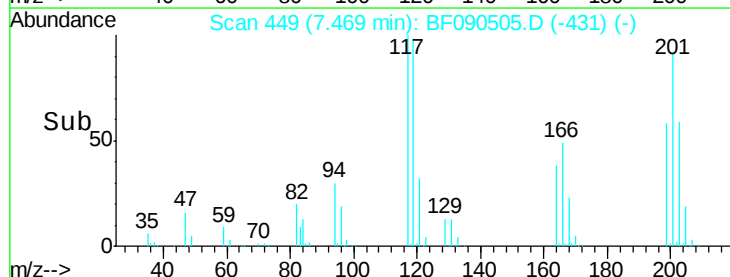
201 90.7 66.5 99.7

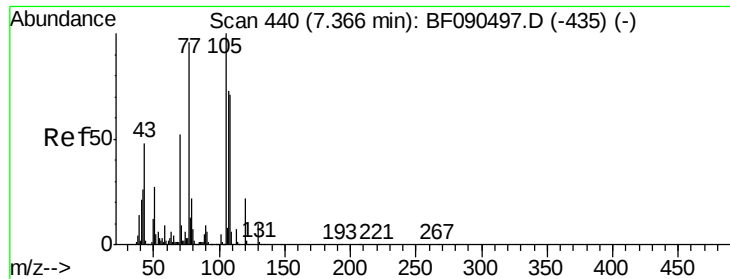


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

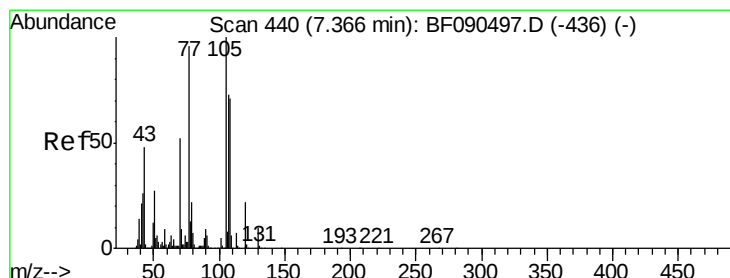
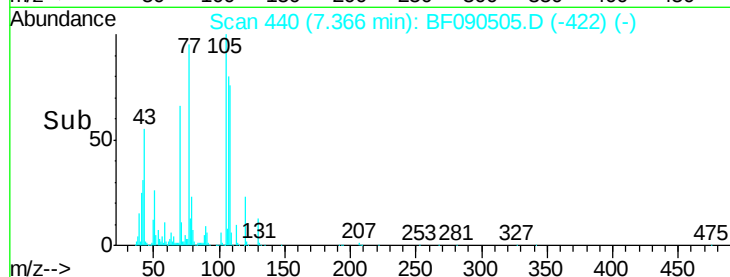
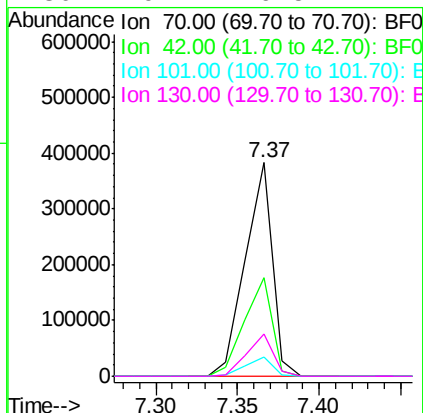
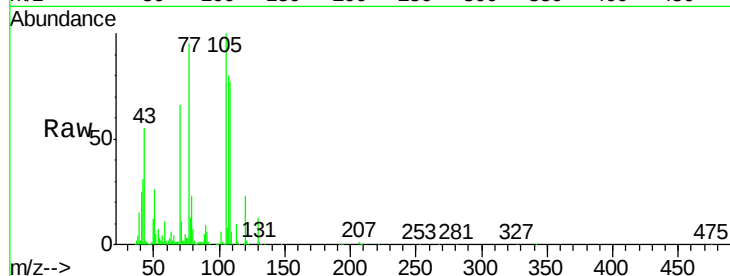




#19
n-Nitroso-di-n-propylamine
Concen: 38.12 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

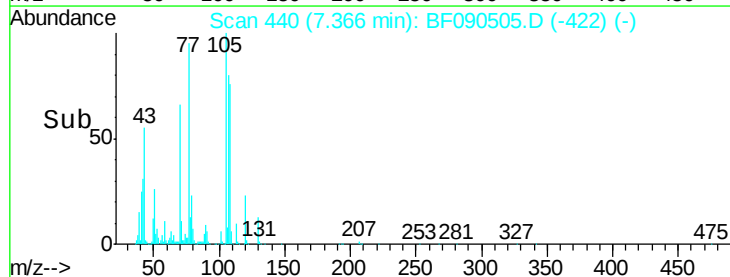
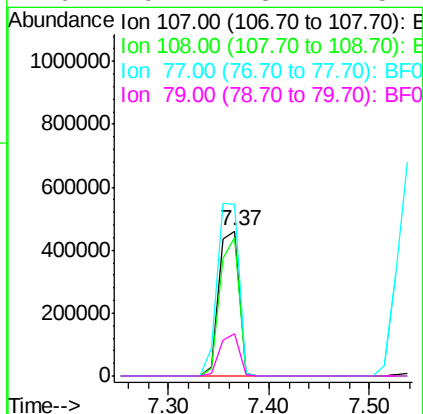
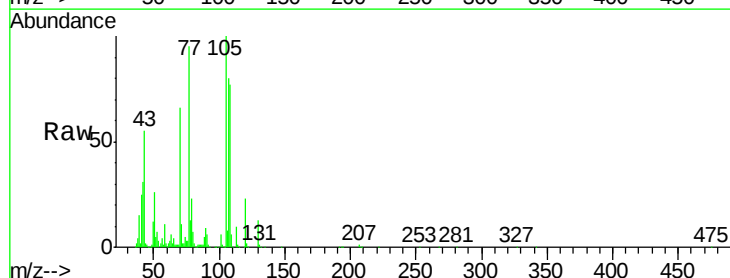
Instrument :
BNA_F
ClientSampleId :
PB93839BS

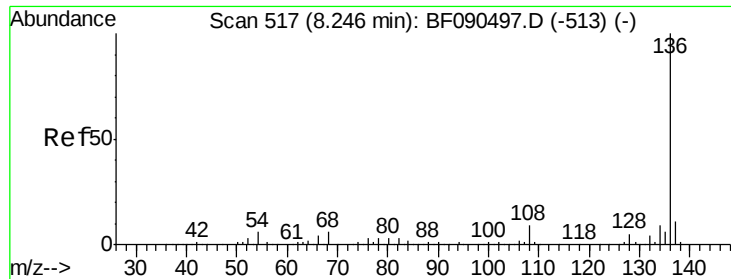
Tgt Ion: 70 Resp: 438833
Ion Ratio Lower Upper
70 100
42 46.3 55.4 83.2#
101 8.9 7.6 11.4
130 19.7 16.5 24.7



#20
3+4-Methylphenols
Concen: 41.01 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion: 107 Resp: 642516
Ion Ratio Lower Upper
107 100
108 95.6 66.7 106.7
77 118.3 53.7 93.7#
79 29.1 8.4 48.4

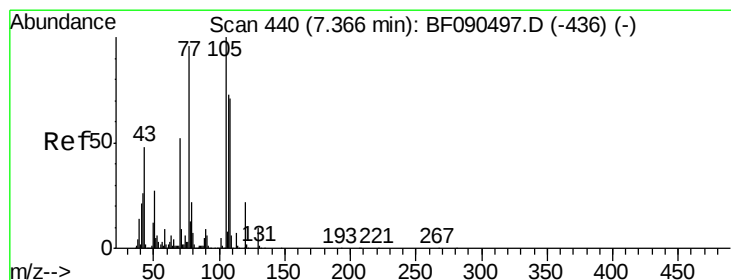
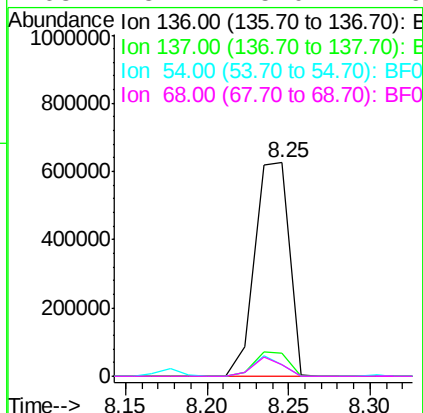
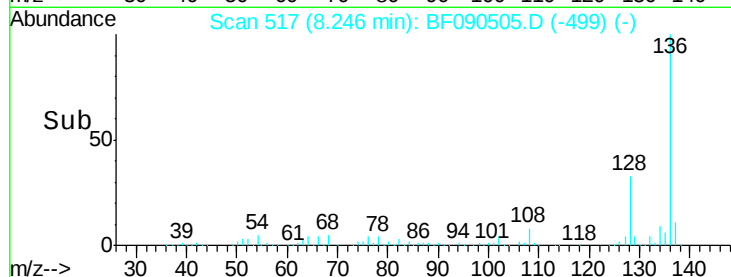
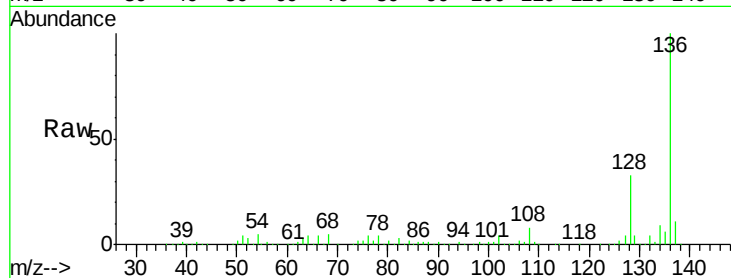




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

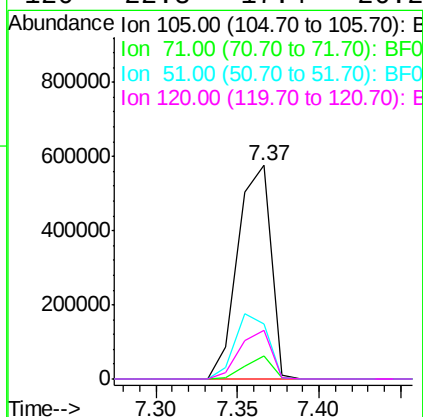
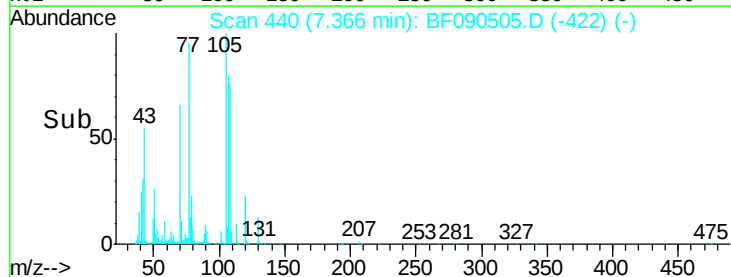
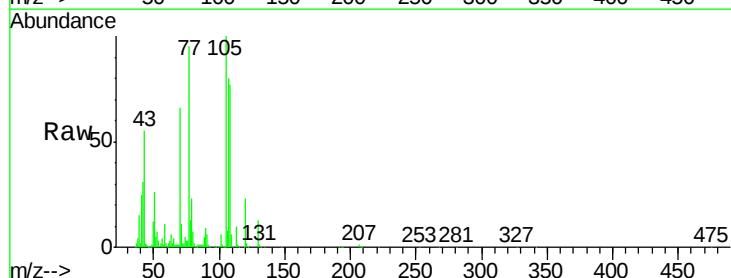
Instrument :
BNA_F
ClientSampleId :
PB93839BS

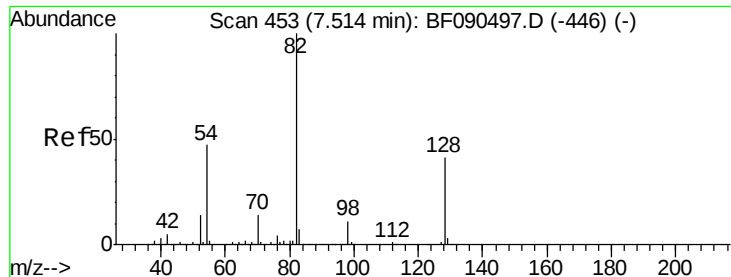
Tgt Ion:	136	Resp:	915736
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	5.5	6.6	10.0#
68	5.4	5.0	7.6



#22
Acetophenone
Concen: 40.02 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:	105	Resp:	806882
Ion Ratio	Lower	Upper	
105	100		
71	11.1	3.8	5.6#
51	25.7	28.2	42.4#
120	22.8	17.4	26.2





#23

Nitrobenzene-d5

Concen: 74.74 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

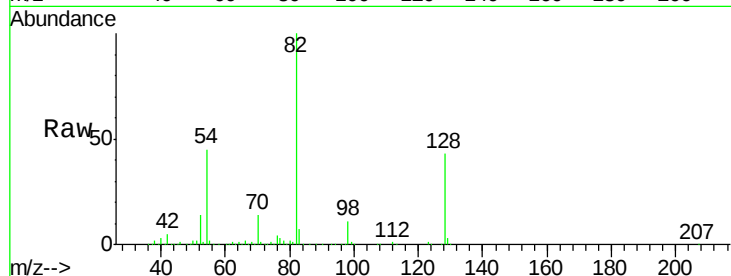
Tgt Ion: 82 Resp: 1261816

Ion Ratio Lower Upper

82 100

128 43.2 40.0 60.0

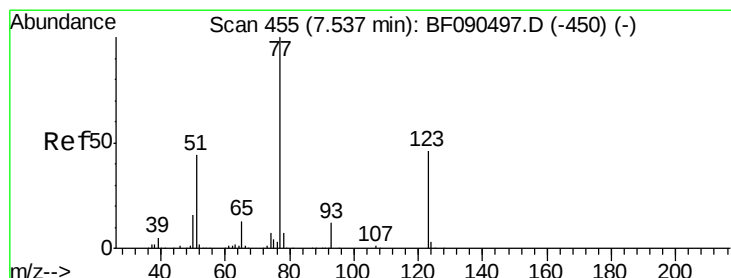
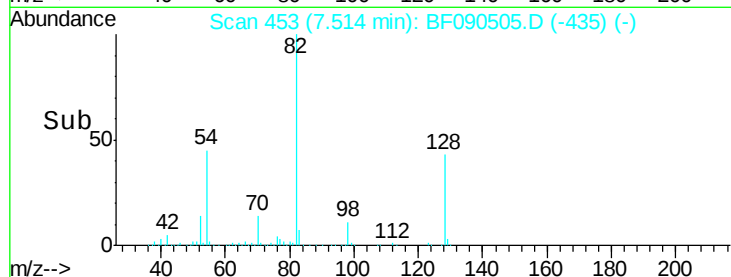
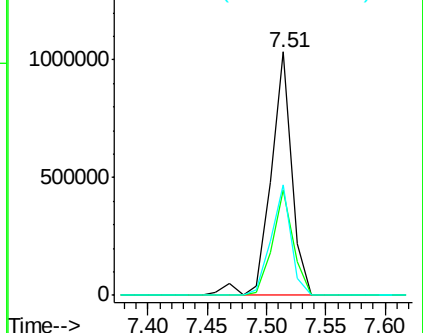
54 45.4 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.35 ng

RT: 7.54 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

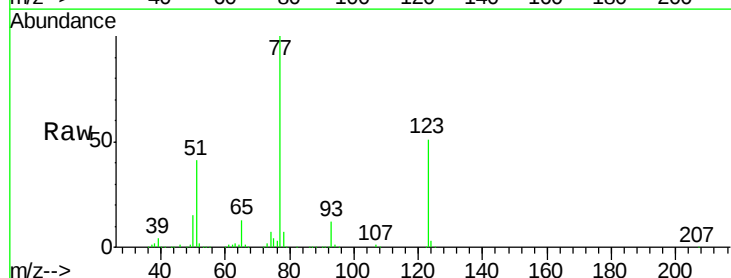
Tgt Ion: 77 Resp: 712611

Ion Ratio Lower Upper

77 100

123 50.6 33.0 49.4#

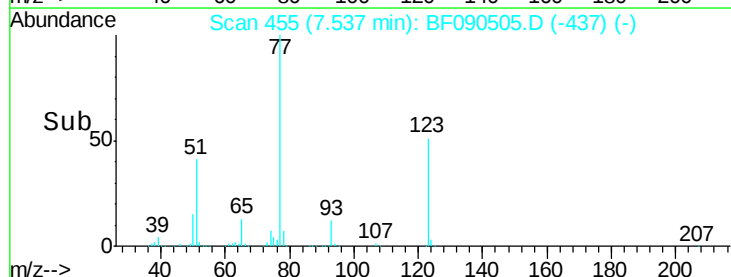
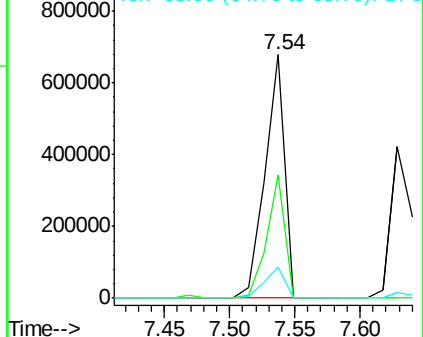
65 12.7 12.0 18.0

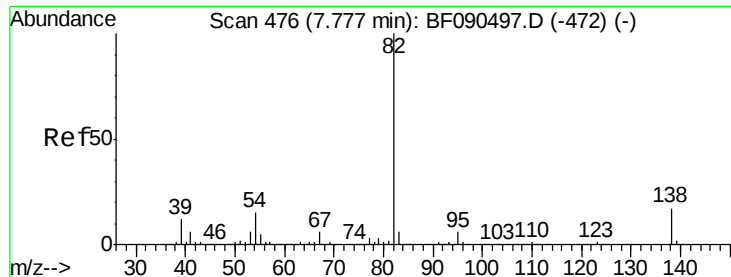


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.16 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampled :

PB93839BS

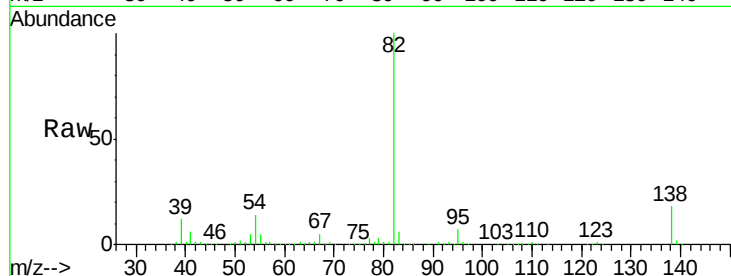
Tgt Ion: 82 Resp: 1234021

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

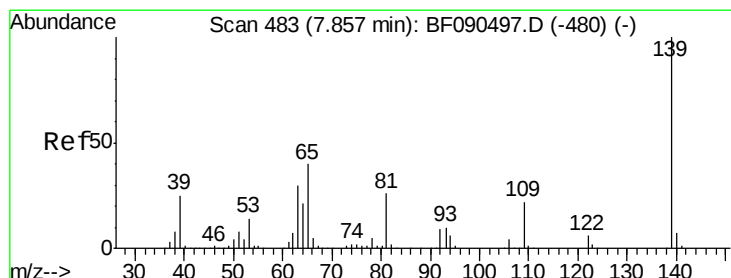
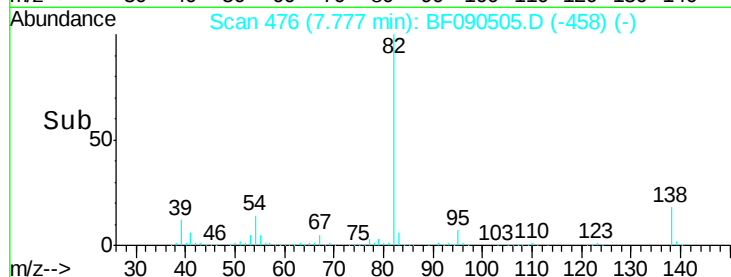
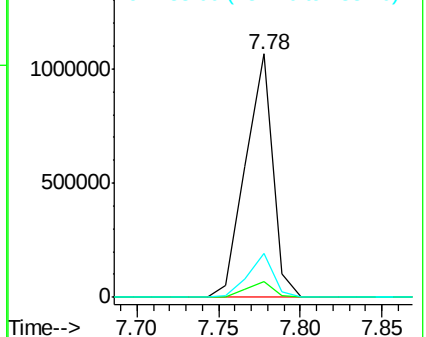
138 17.8 13.0 19.4



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: 39.70 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

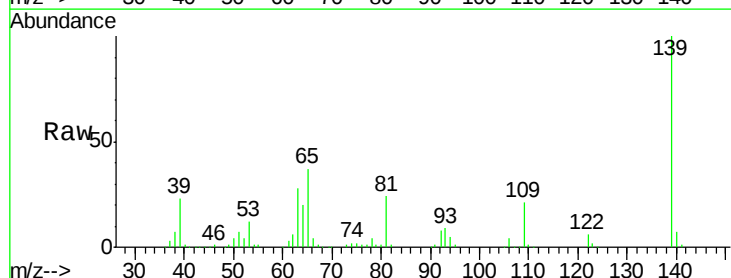
Tgt Ion: 139 Resp: 327977

Ion Ratio Lower Upper

139 100

109 21.4 18.9 28.3

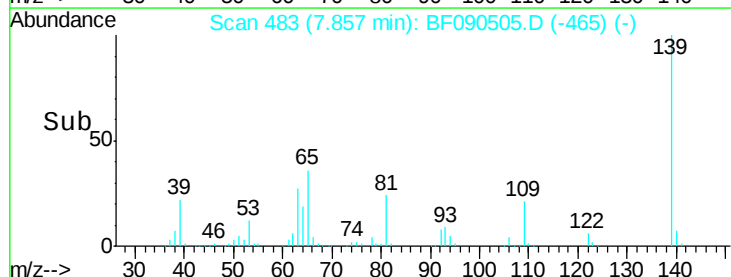
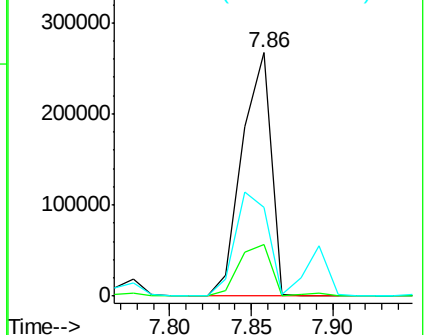
65 36.7 31.6 47.4

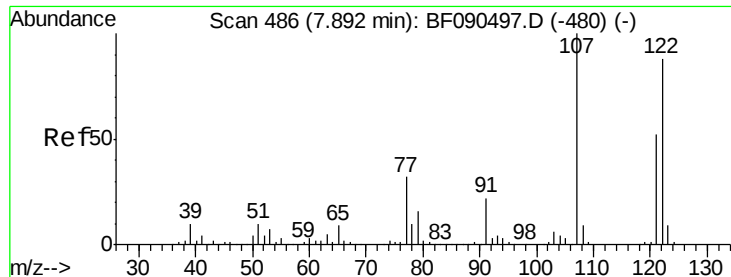


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

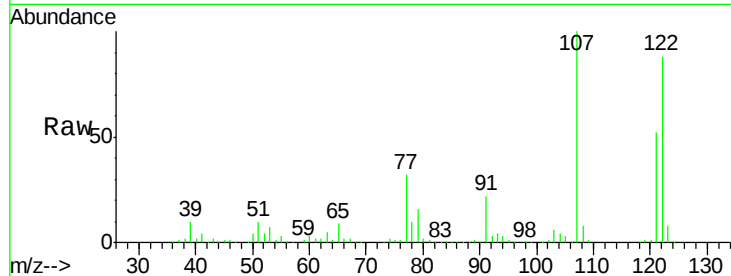




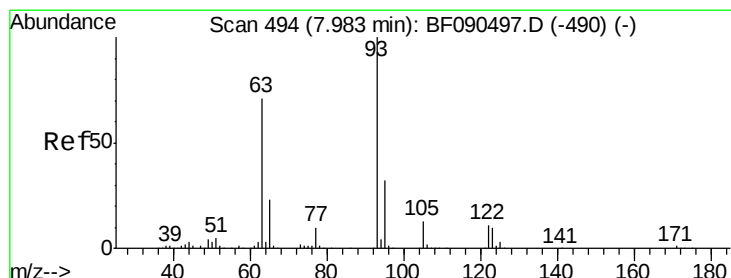
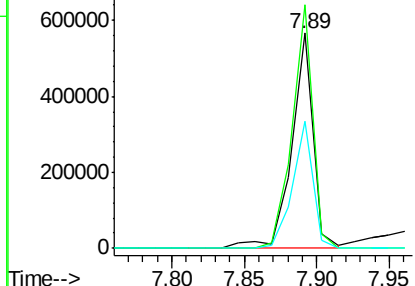
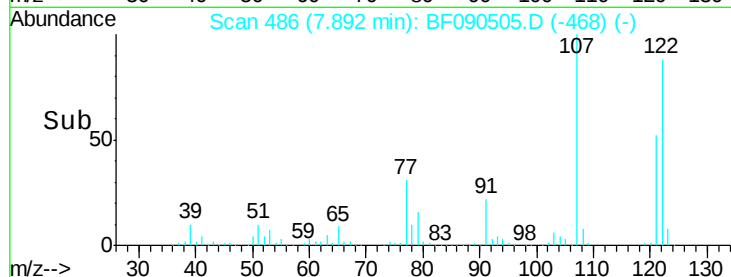
#27
 2,4-Dimethylphenol
 Concen: 41.21 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion: 122 Resp: 578816
 Ion Ratio Lower Upper
 122 100
 107 113.2 88.6 132.8
 121 58.9 47.5 71.3

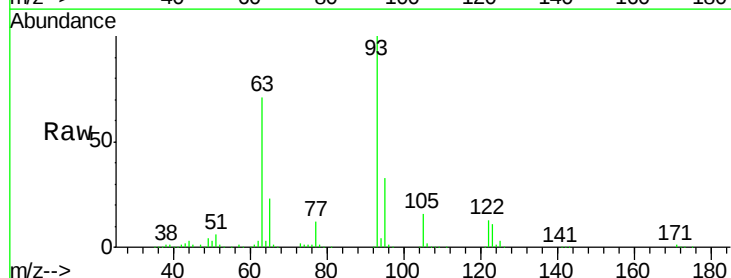


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

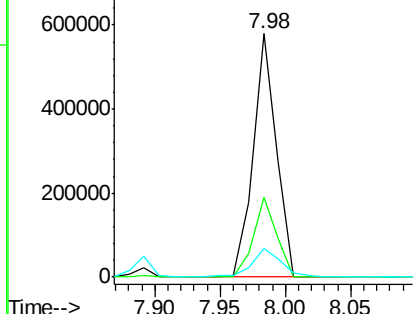
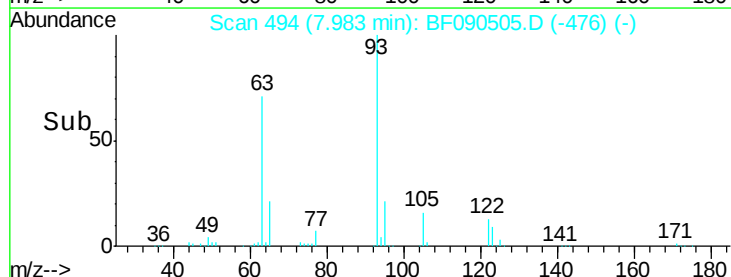


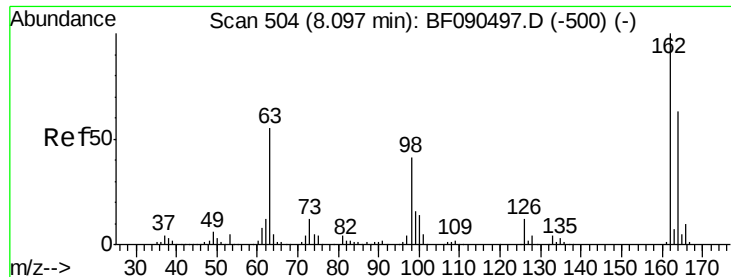
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.52 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion: 93 Resp: 712064
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.0 40.4
 123 11.5 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

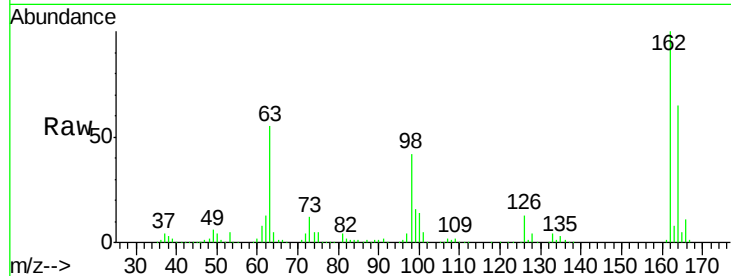




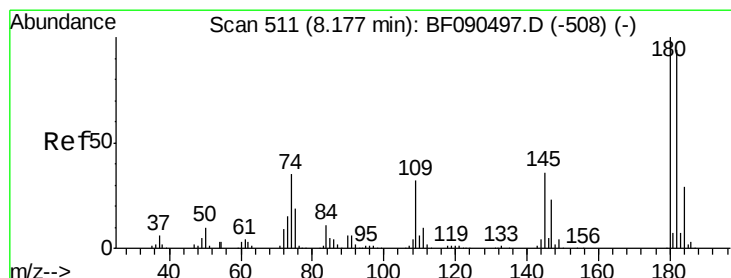
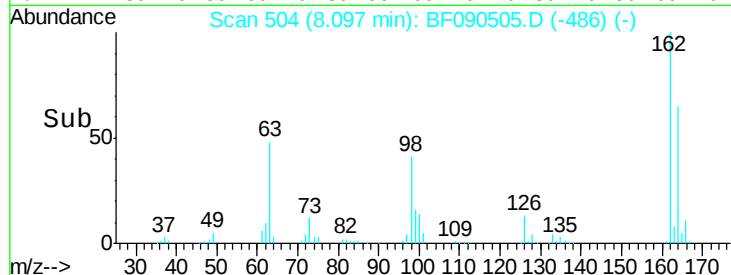
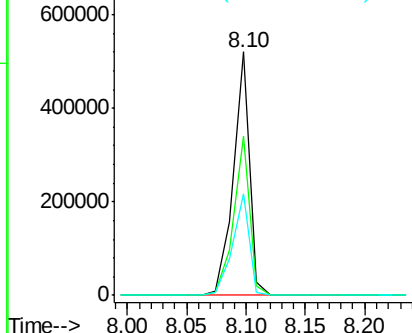
#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.7	85.7
98	41.7	13.3	53.3

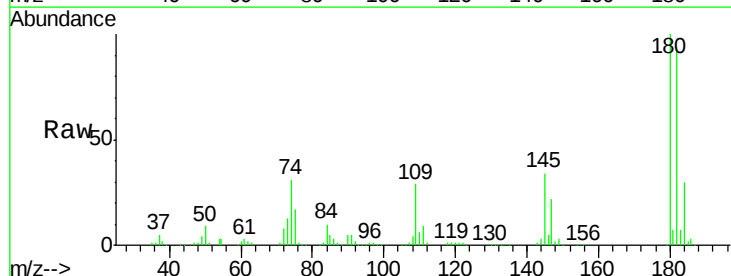


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

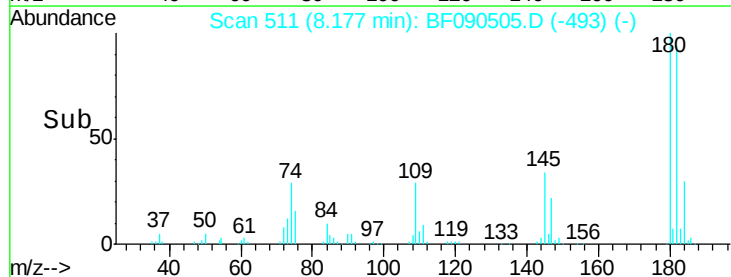
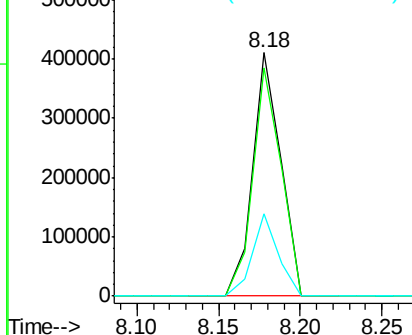


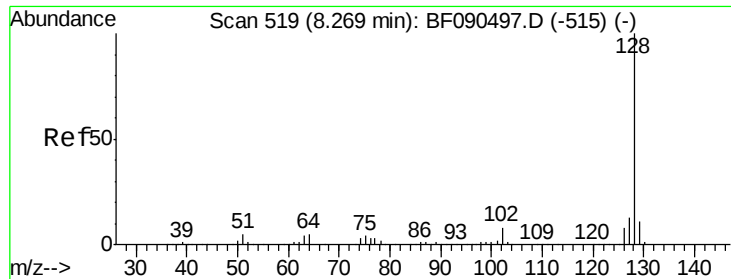
#30
 1,2,4-Trichlorobenzene
 Concen: 36.37 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.3	112.9
145	33.6	27.7	41.5



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

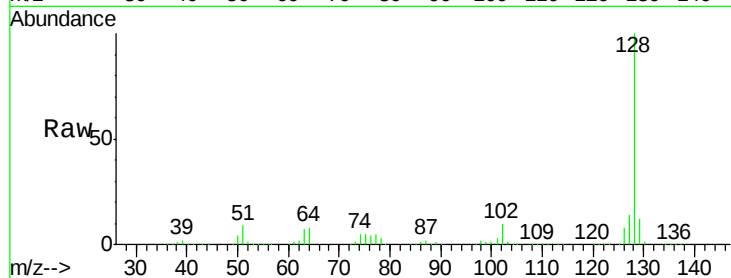




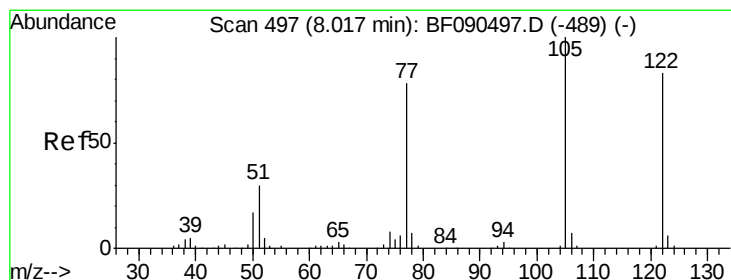
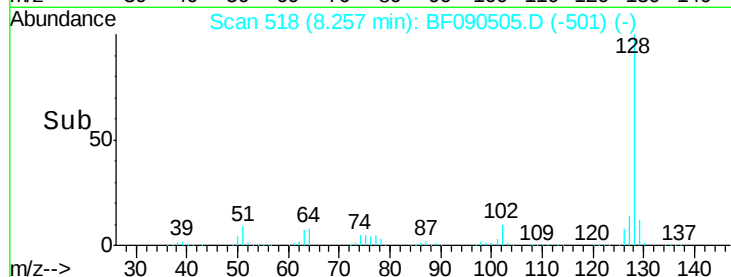
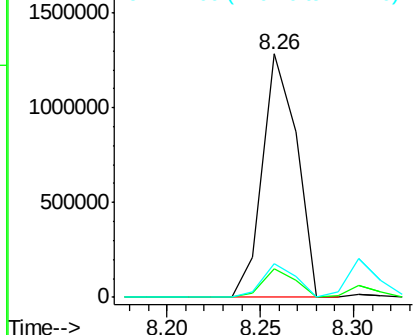
#31
Naphthalene
Concen: 35.66 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:128 Resp: 1626797
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.7 11.7 17.5

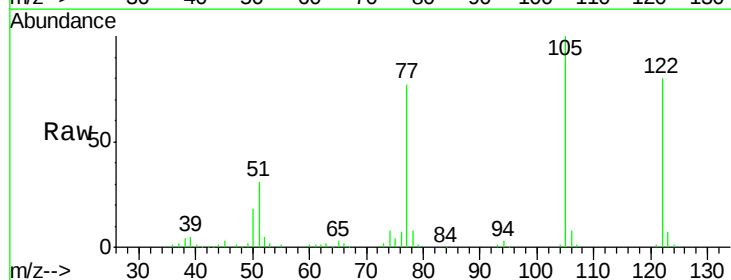


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

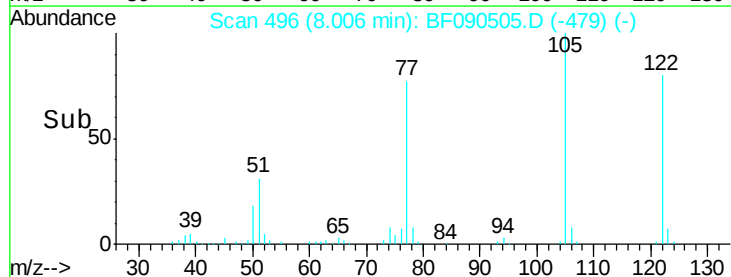
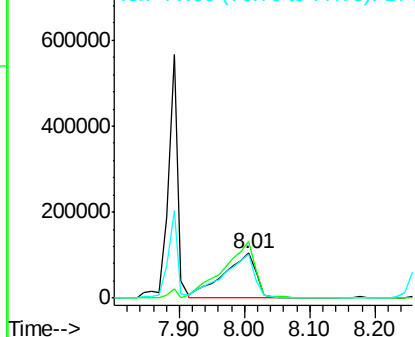


#32
Benzoic acid
Concen: 32.03 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:122 Resp: 354981
Ion Ratio Lower Upper
122 100
105 124.8 103.9 143.9
77 96.4 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

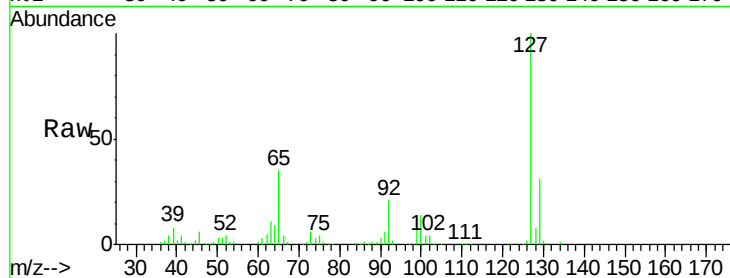




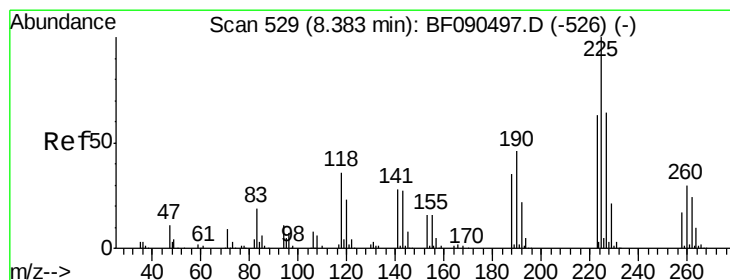
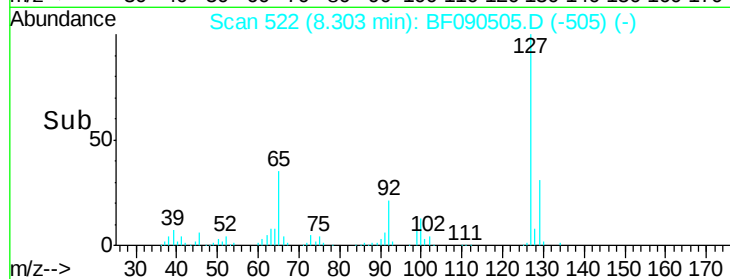
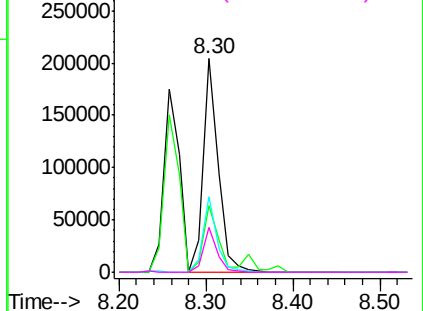
#33
4-Chloroaniline
Concen: 12.62 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:	127	Resp:	243790
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	35.3	32.5	48.7
92	20.8	17.2	25.8

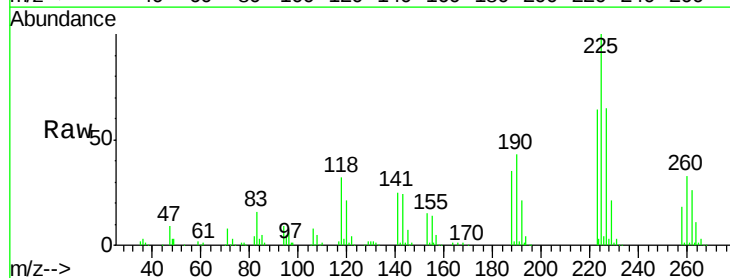


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

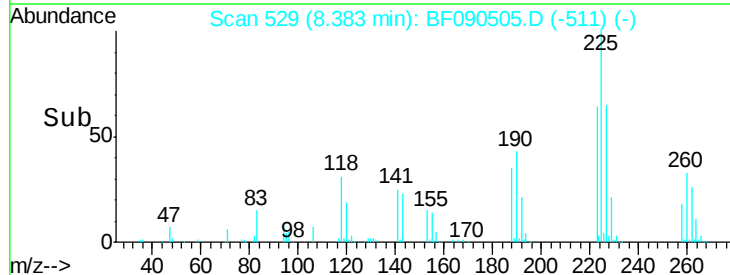
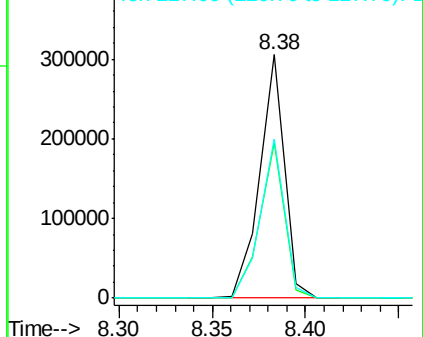


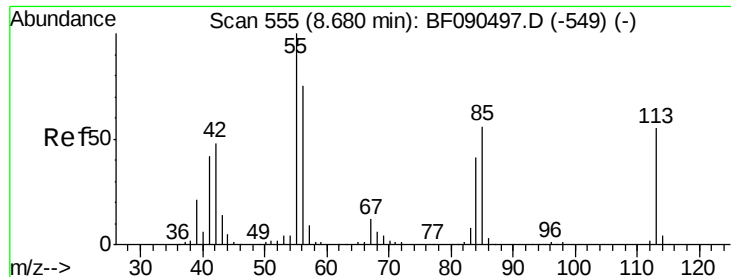
#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:	225	Resp:	278961
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	65.4	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: 30.50 ng

RT: 8.67 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

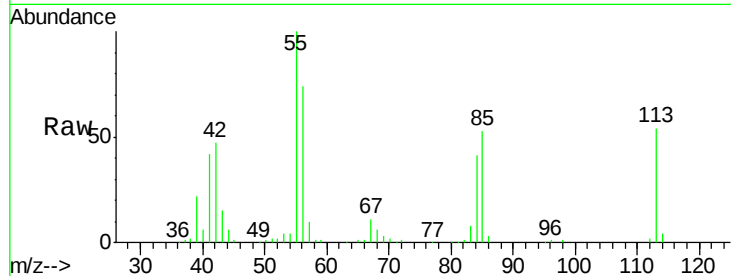
Tgt Ion:113 Resp: 116146

Ion Ratio Lower Upper

113 100

55 186.2 203.3 243.3#

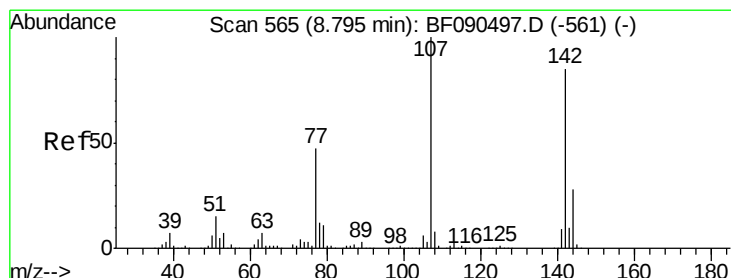
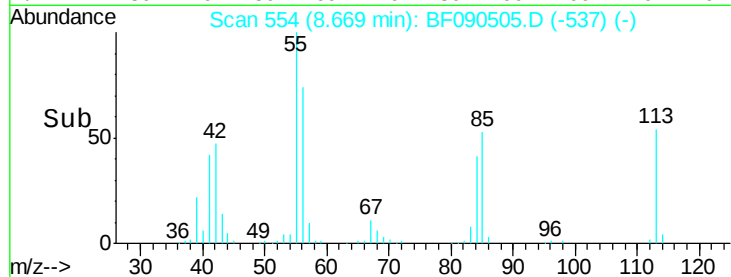
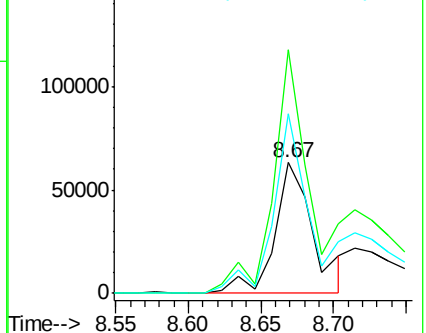
56 137.4 140.5 180.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.06 ng

RT: 8.79 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

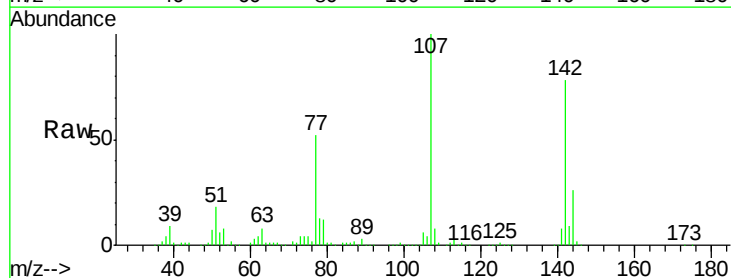
Tgt Ion:107 Resp: 549509

Ion Ratio Lower Upper

107 100

144 25.9 19.8 29.8

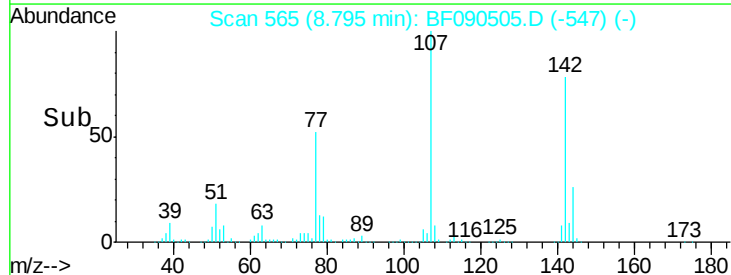
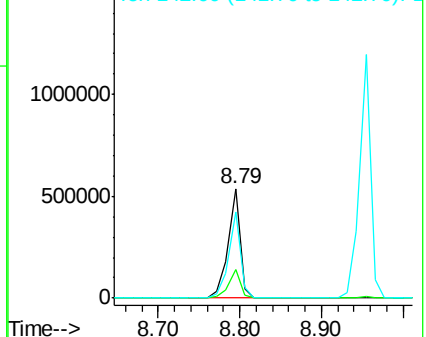
142 78.5 60.7 91.1

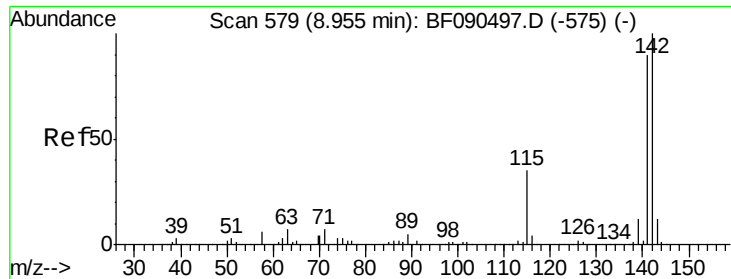


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

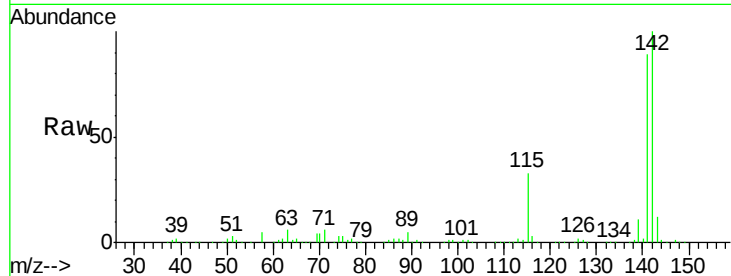




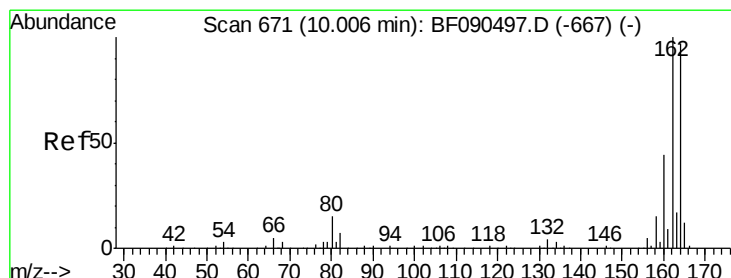
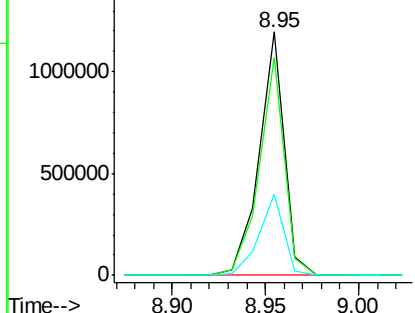
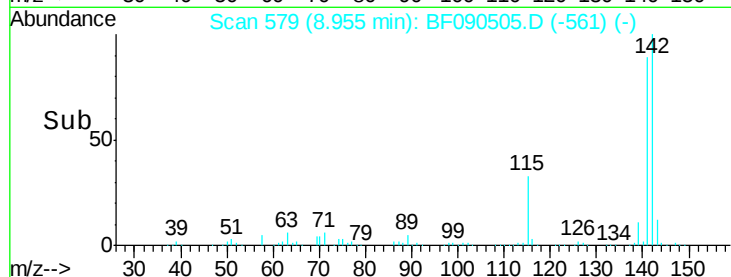
#37
2-Methylnaphthalene
Concen: 36.90 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:142 Resp: 1129794
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.8
115 33.1 28.8 43.2

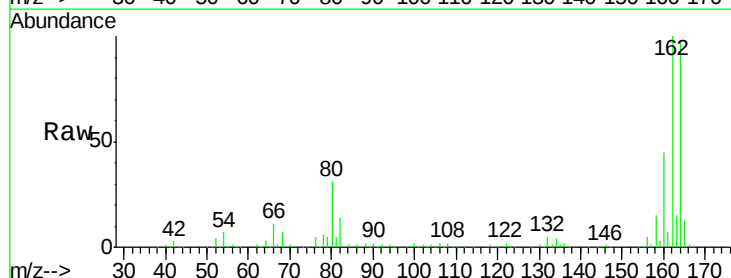


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

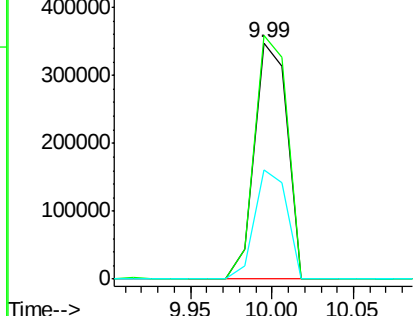
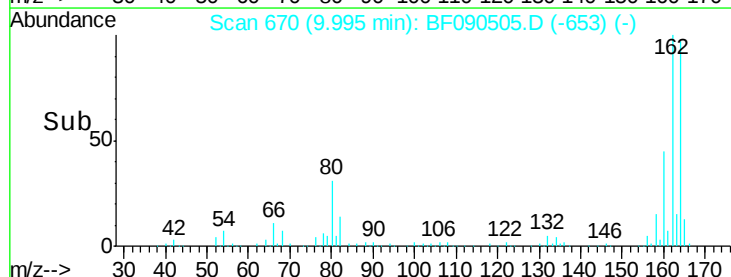


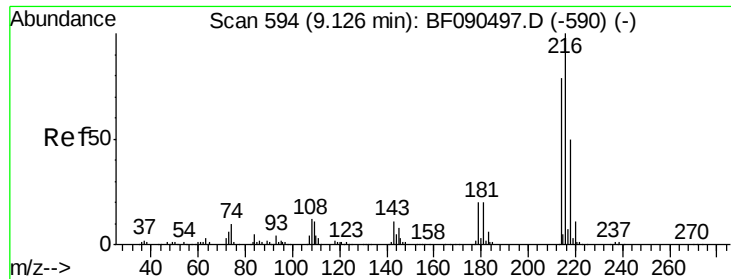
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:164 Resp: 484831
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 46.0 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

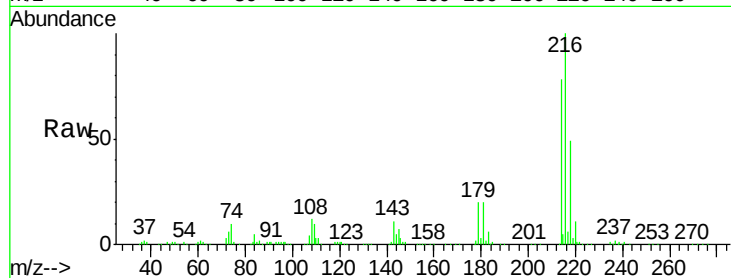




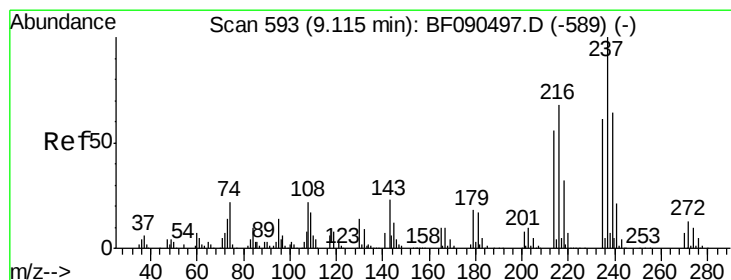
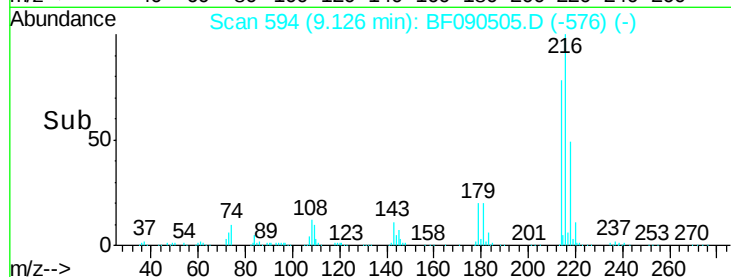
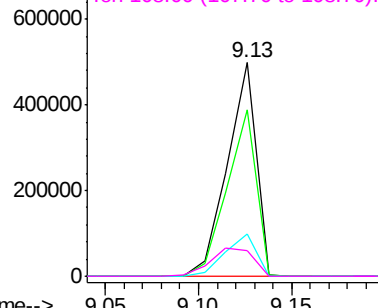
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.24 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:	216	Resp:	532628
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.2	96.2
179	21.5	18.0	27.0
108	19.6	15.2	22.8

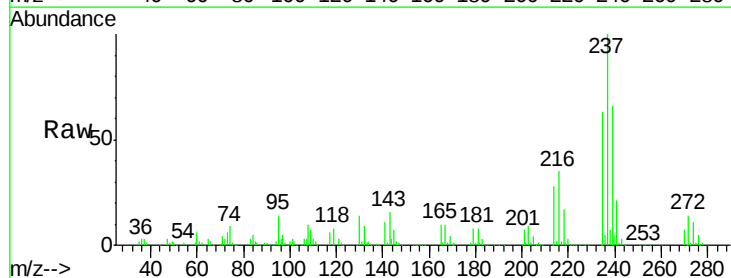


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

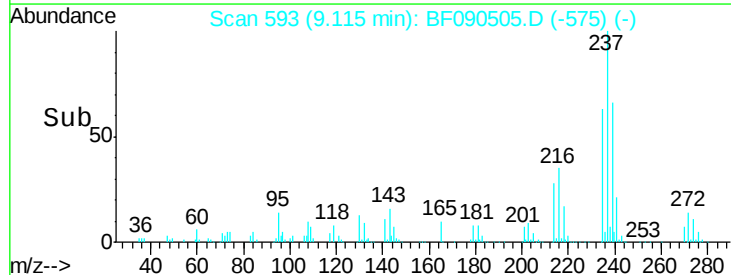
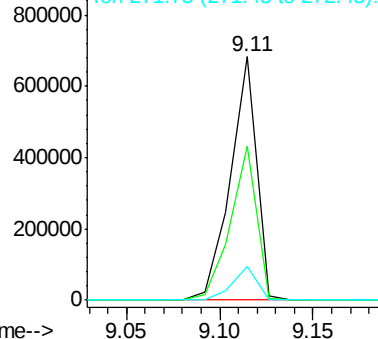


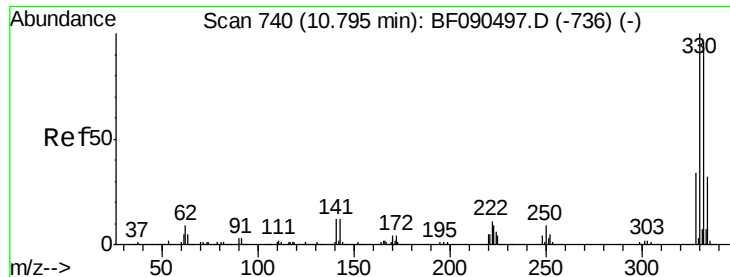
#40
 Hexachlorocyclopentadiene
 Concen: 97.98 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:	237	Resp:	660129
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.6	83.6
272	14.0	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

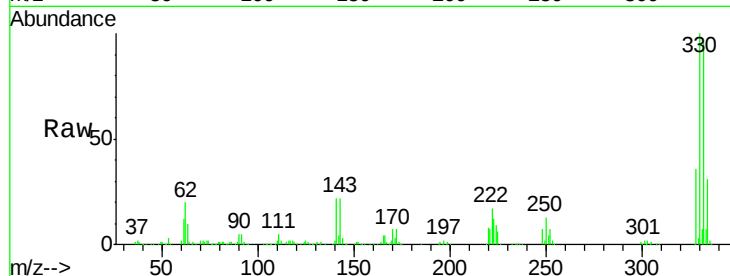




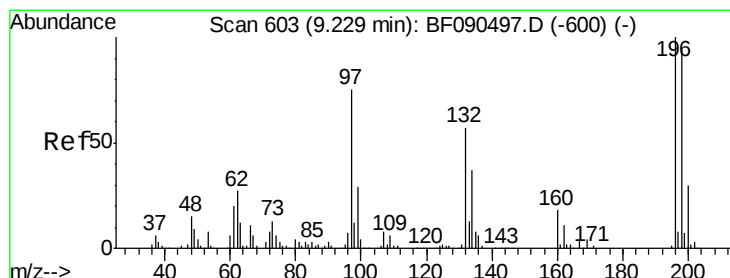
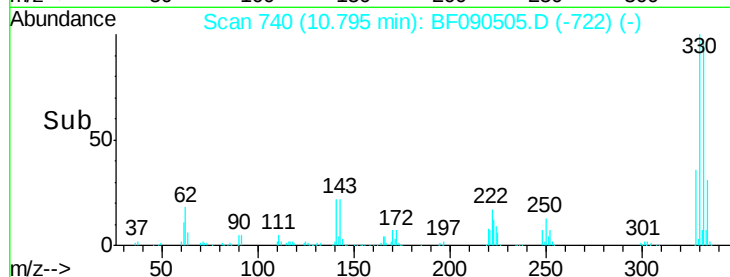
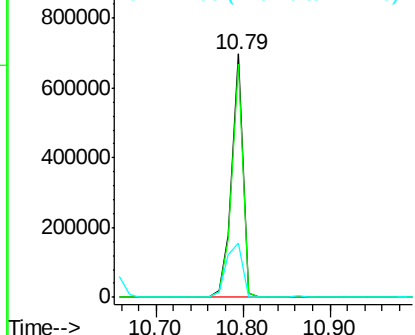
#41
 2,4,6-Tribromophenol
 Concen: 130.10 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:330 Resp: 625245
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.0
 141 32.7 26.9 40.3

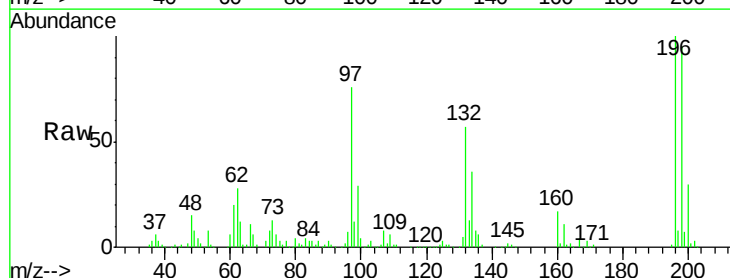


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

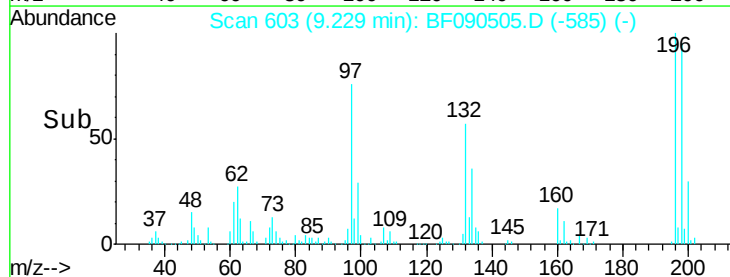
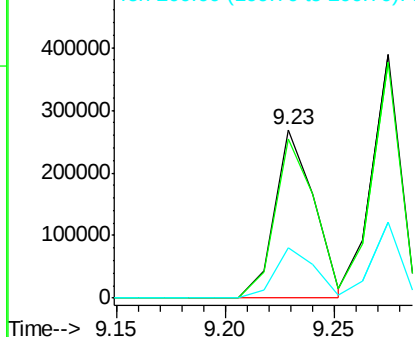


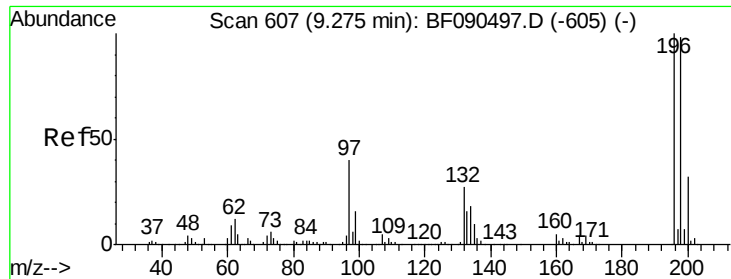
#42
 2,4,6-Trichlorophenol
 Concen: 37.14 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:196 Resp: 339906
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.9 118.3
 200 30.2 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

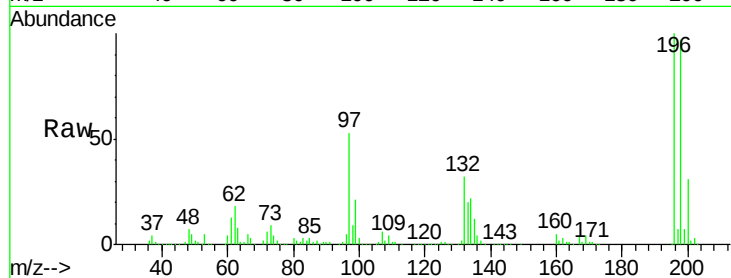




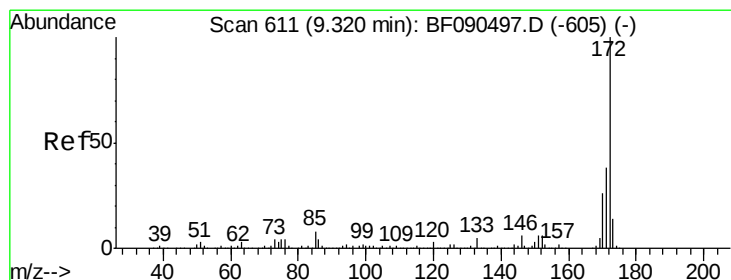
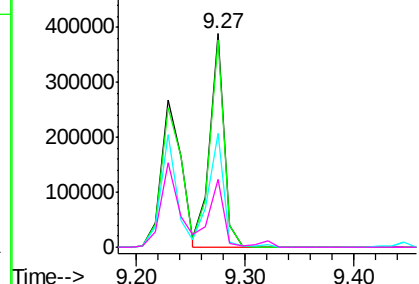
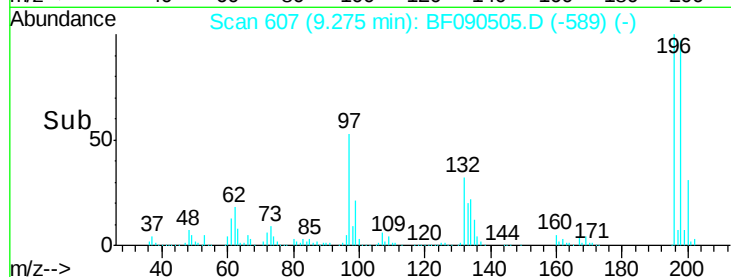
#43
 2,4,5-Trichlorophenol
 Concen: 39.80 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:196 Resp: 360445
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.1 117.1
 97 53.1 48.1 72.1
 132 31.9 27.4 41.2

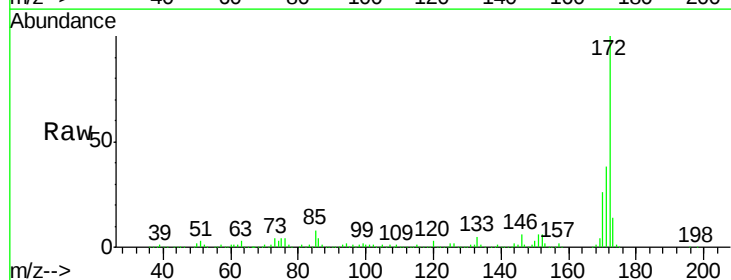


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

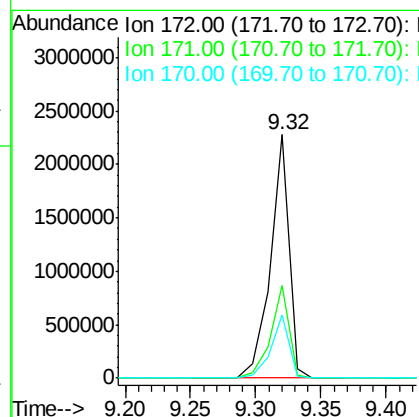
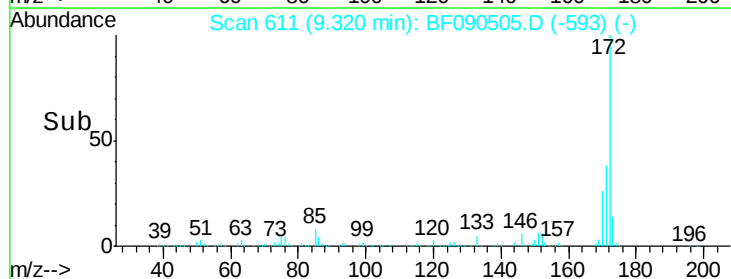


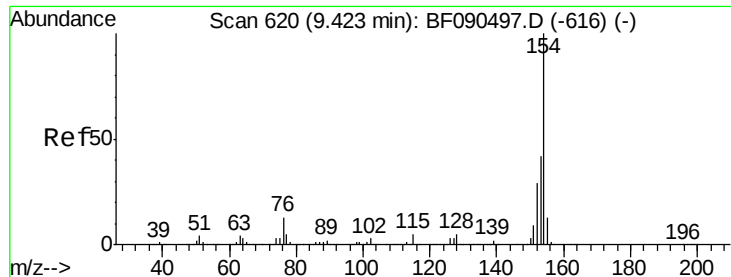
#44
 2-Fluorobiphenyl
 Concen: 78.70 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:172 Resp: 2270396
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.8
 170 25.7 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: 38.27 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

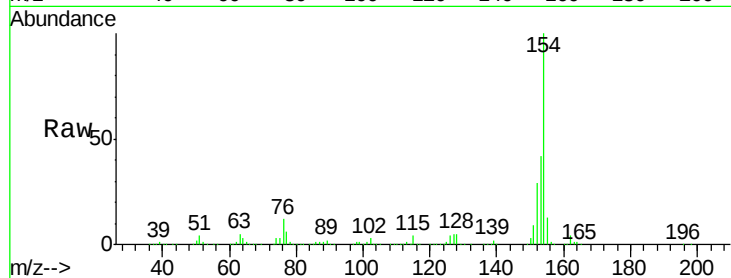
Tgt Ion:154 Resp: 1417250

Ion Ratio Lower Upper

154 100

153 41.6 23.8 63.8

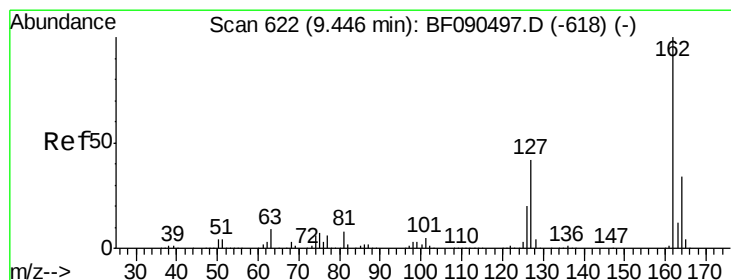
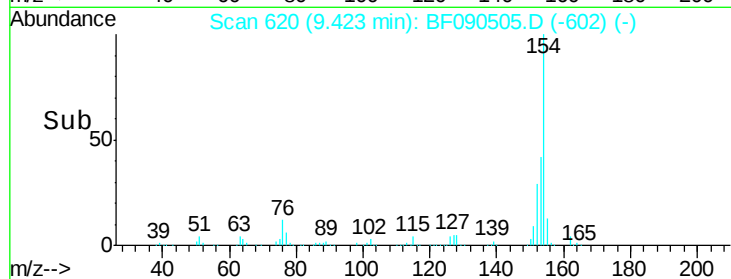
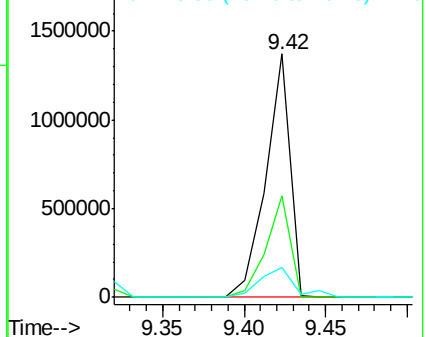
76 12.3 0.0 35.8



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: 41.18 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

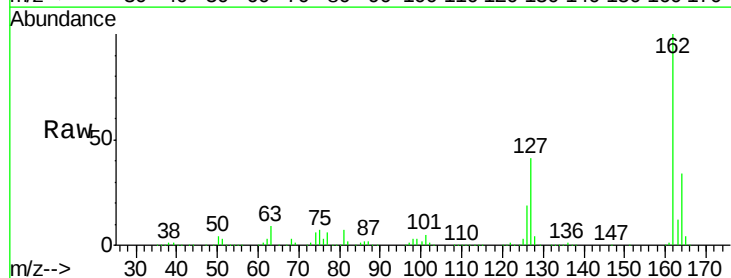
Tgt Ion:162 Resp: 1134622

Ion Ratio Lower Upper

162 100

127 41.1 35.6 53.4

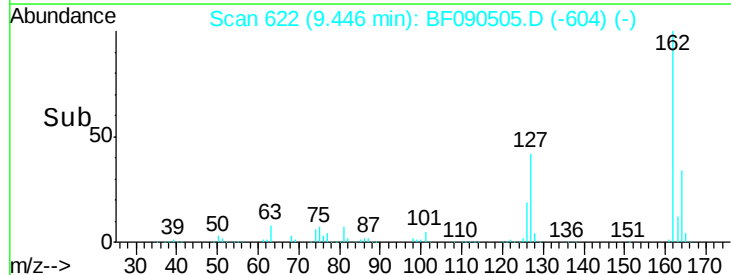
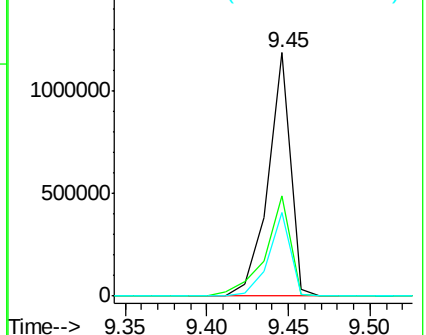
164 34.2 27.5 41.3

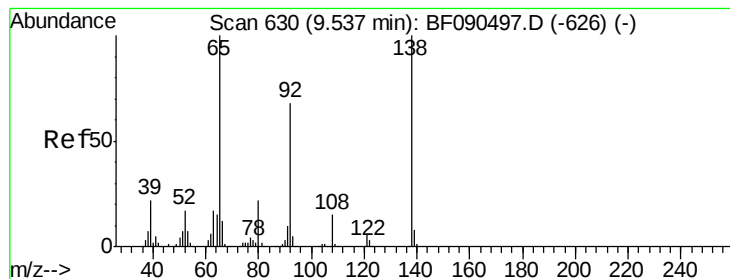


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.41 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

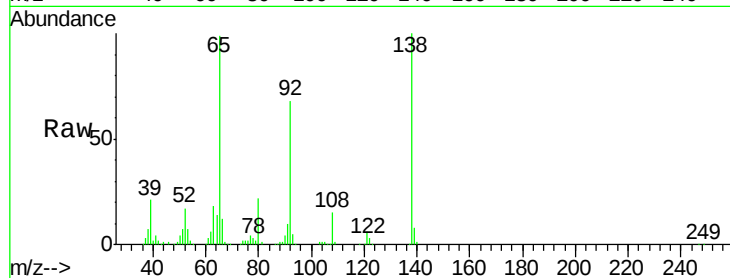
Tgt Ion: 65 Resp: 387318

Ion Ratio Lower Upper

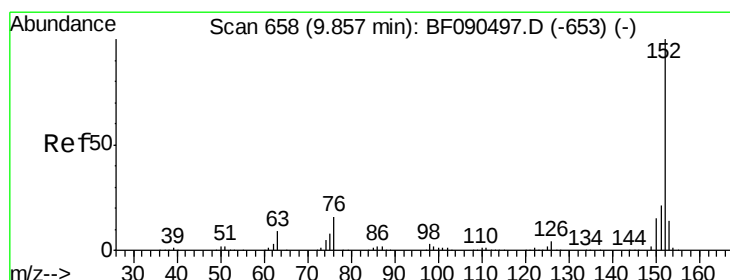
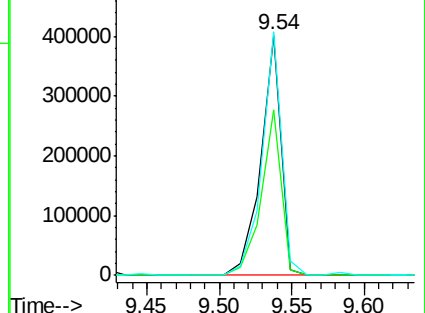
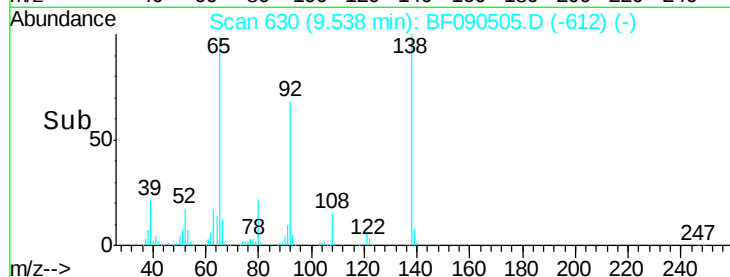
65 100

92 68.8 51.7 77.5

138 101.5 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): BF0



#48

Acenaphthylene

Concen: 35.96 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

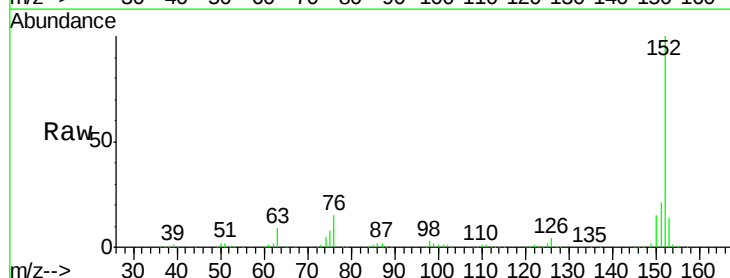
Tgt Ion: 152 Resp: 1598558

Ion Ratio Lower Upper

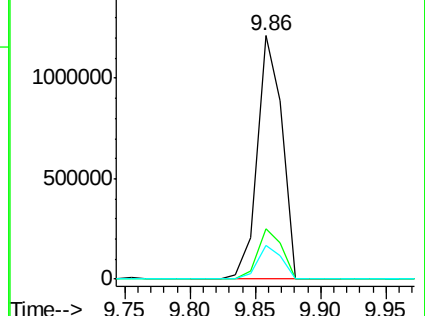
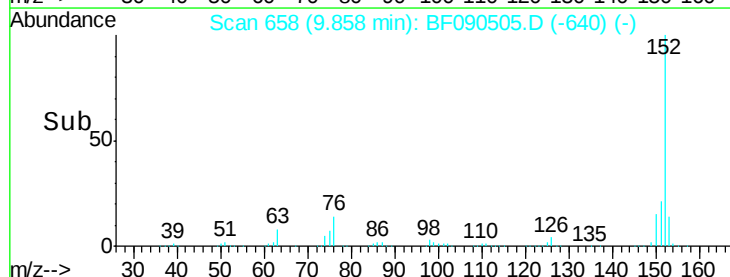
152 100

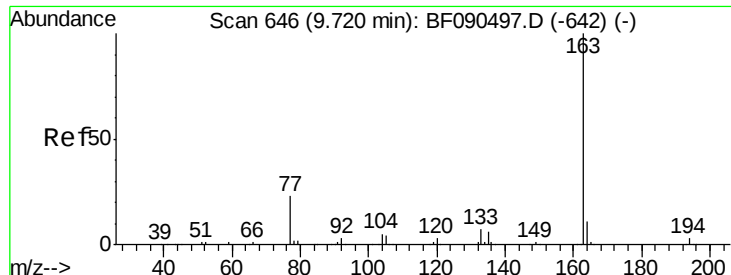
151 20.8 17.4 26.0

153 13.9 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

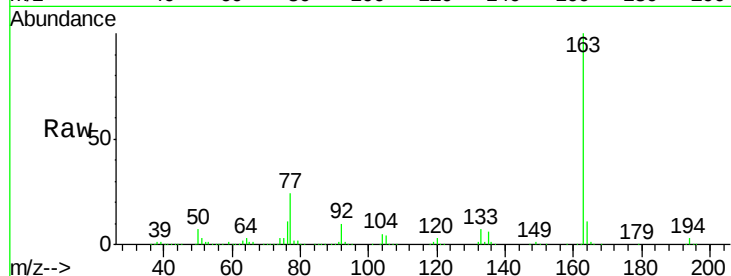




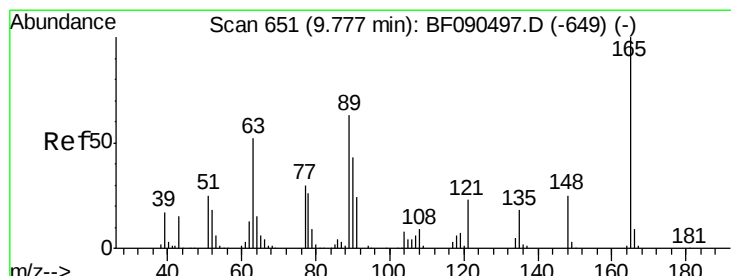
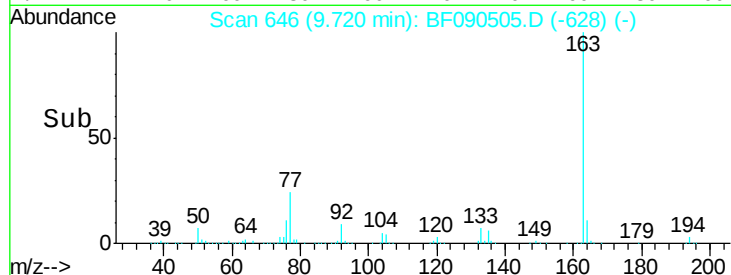
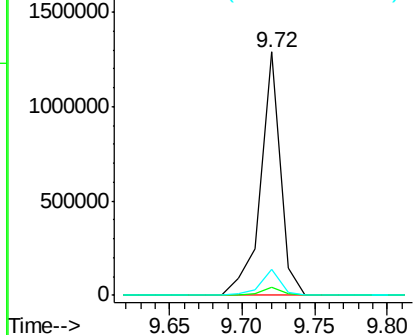
#49
Dimethylphthalate
Concen: 37.37 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:163 Resp: 1218468
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.7 9.0 13.4

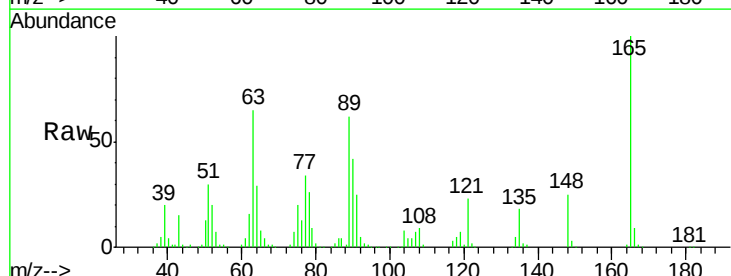


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

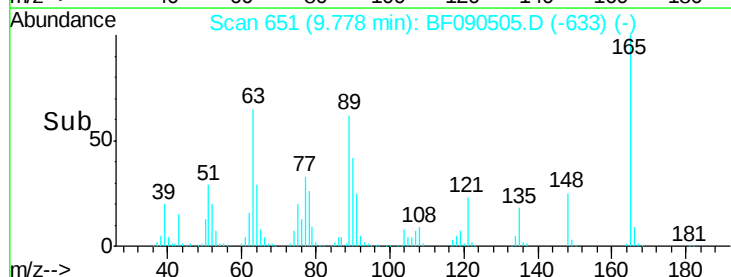
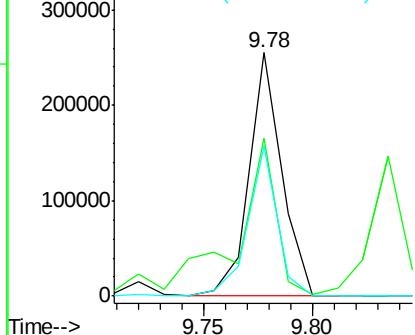


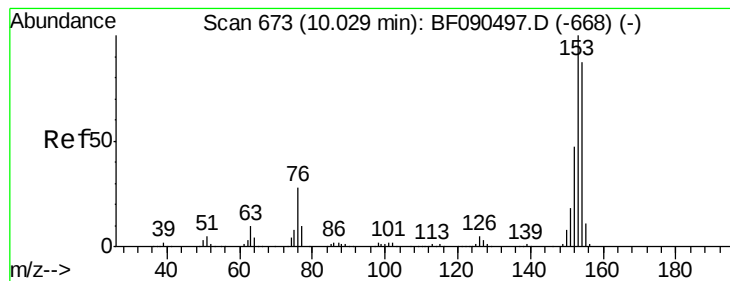
#50
2,6-Dinitrotoluene
Concen: 36.96 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:165 Resp: 266110
Ion Ratio Lower Upper
165 100
63 64.8 58.0 87.0
89 61.8 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: 38.46 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

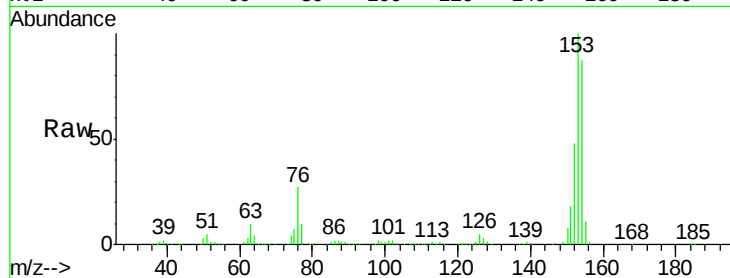
Tgt Ion:154 Resp: 1145866

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

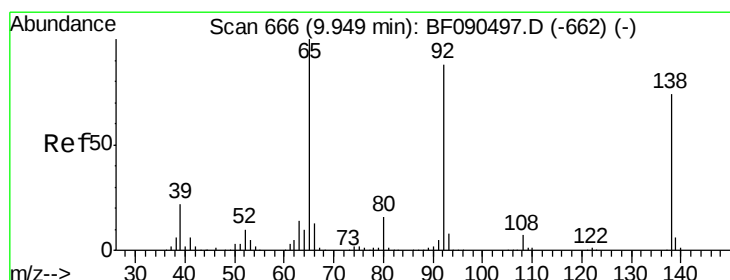
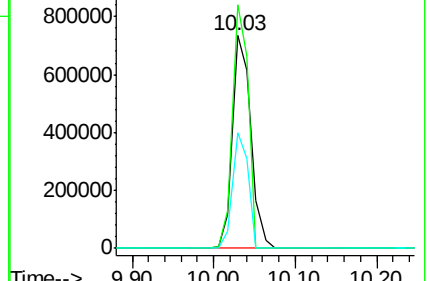
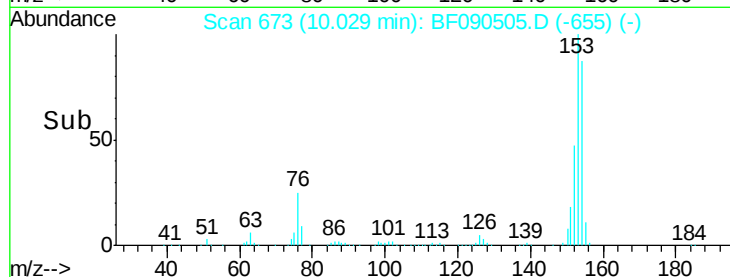
152 54.5 42.6 64.0



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: 20.23 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

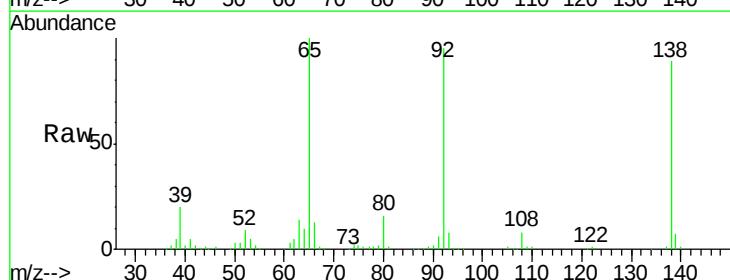
Tgt Ion:138 Resp: 180742

Ion Ratio Lower Upper

138 100

108 9.3 9.7 14.5#

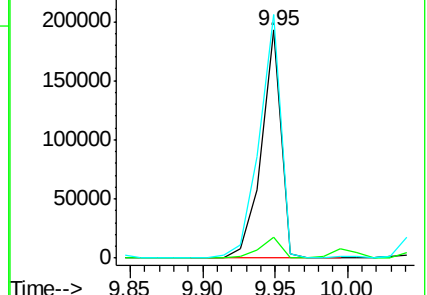
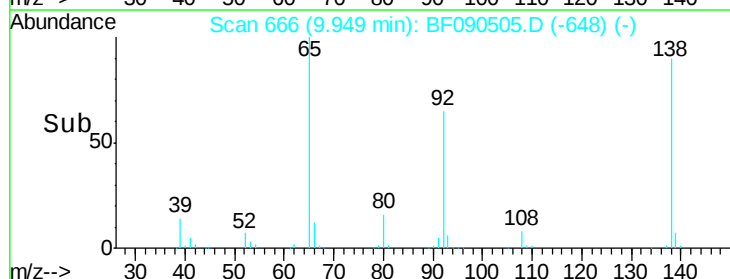
92 106.9 97.1 145.7

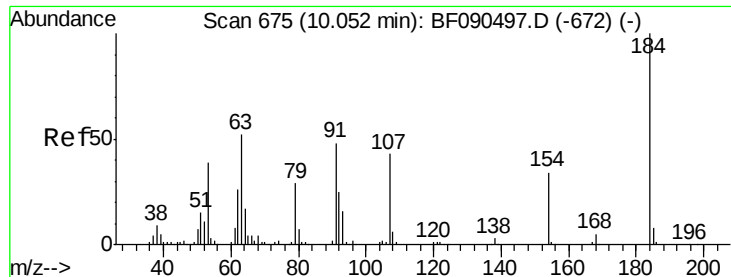


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

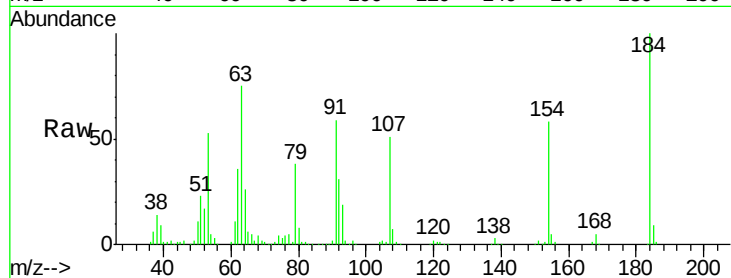




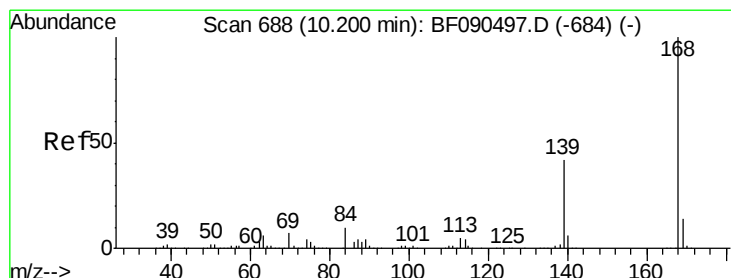
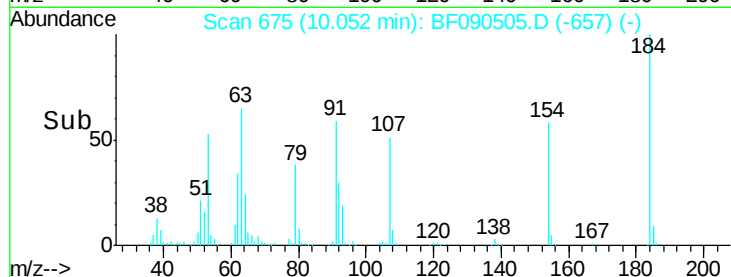
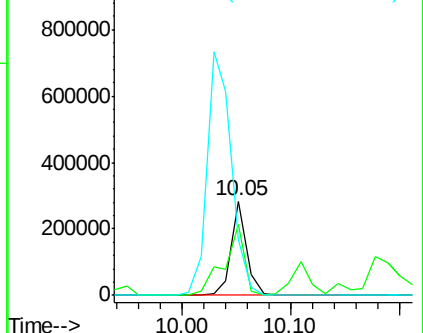
#53
2,4-Dinitrophenol
Concen: 68.78 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:184 Resp: 274773
Ion Ratio Lower Upper
184 100
63 75.0 41.9 62.9#
154 58.5 48.9 73.3

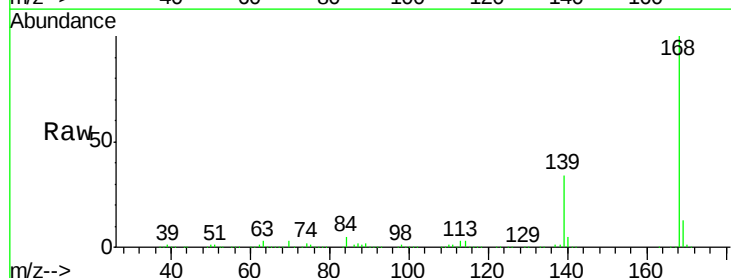


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

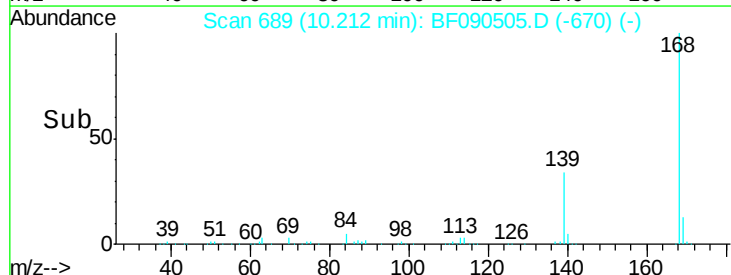
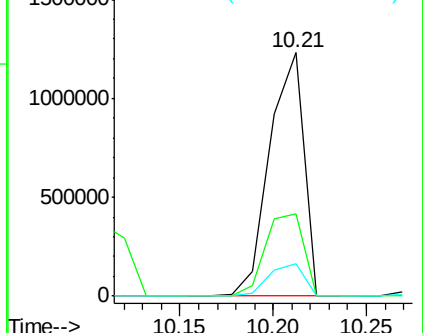


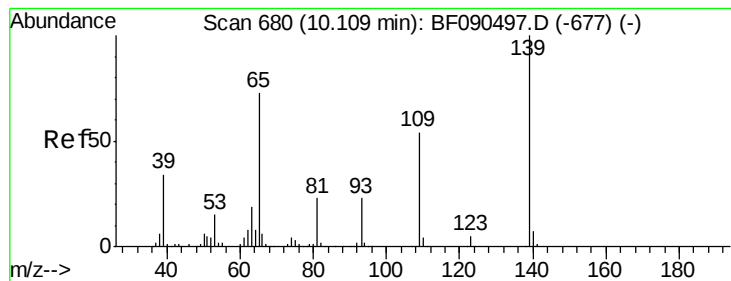
#54
Dibenzofuran
Concen: 39.45 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:168 Resp: 1563554
Ion Ratio Lower Upper
168 100
139 34.1 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: 78.03 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampled :

PB93839BS

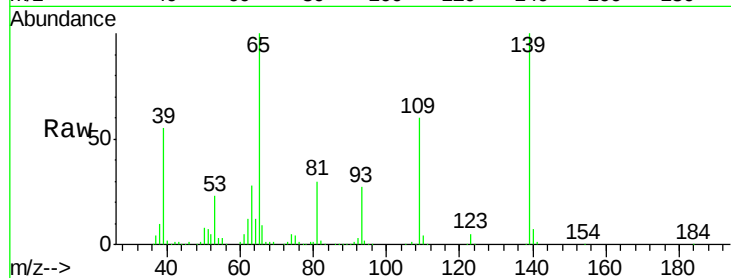
Tgt Ion:139 Resp: 541673

Ion Ratio Lower Upper

139 100

109 60.1 43.6 83.6

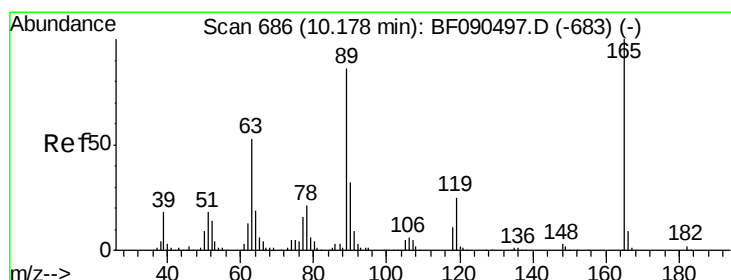
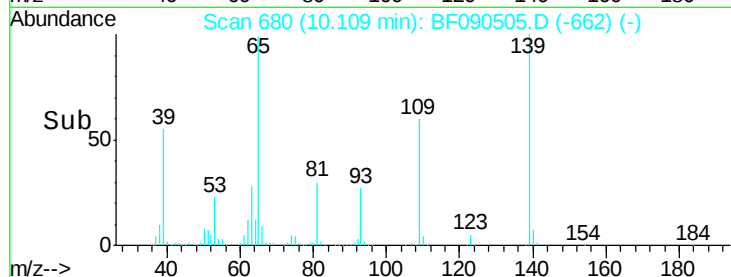
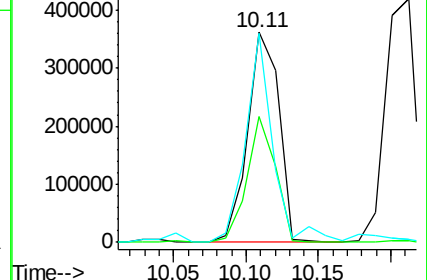
65 99.6 87.5 127.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.04 ng

RT: 10.19 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:165 Resp: 428909

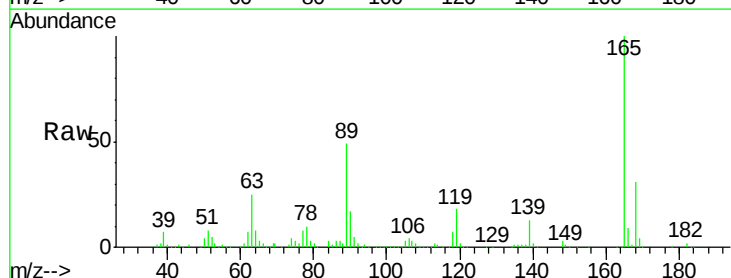
Ion Ratio Lower Upper

165 100

63 25.3 17.8 26.6

89 49.1 33.2 49.8

182 2.5 2.1 3.1

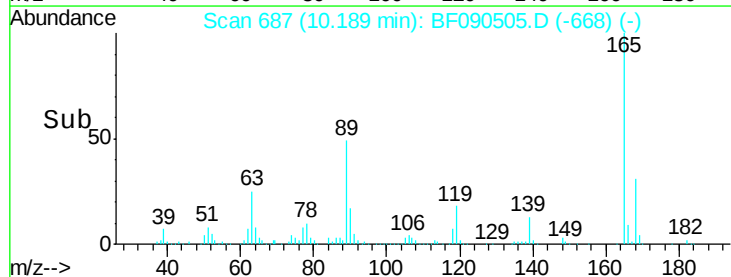
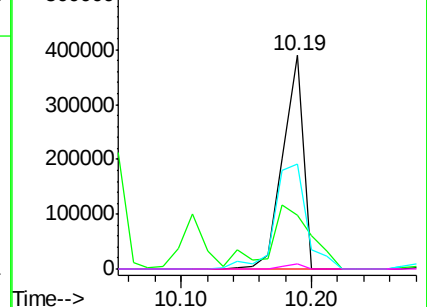


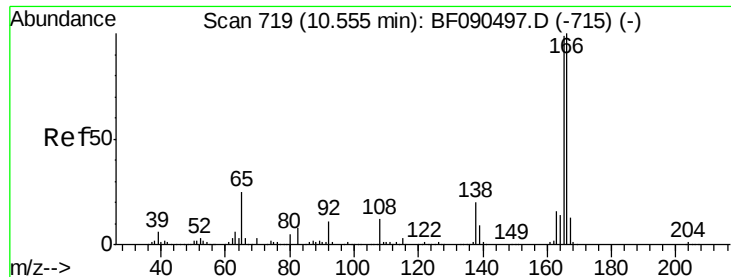
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.98 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampled :

PB93839BS

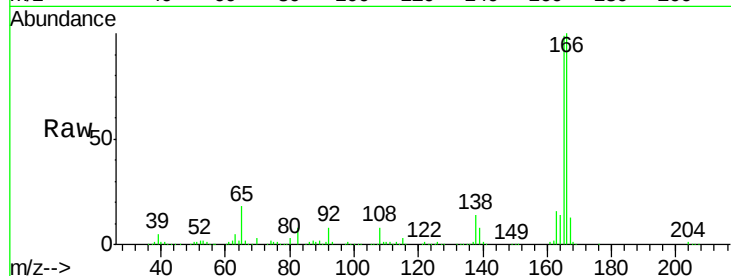
Tgt Ion:166 Resp: 1229161

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

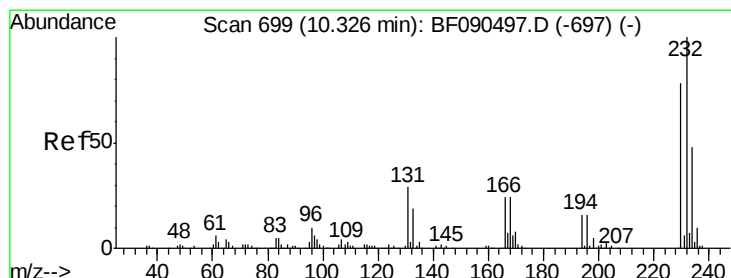
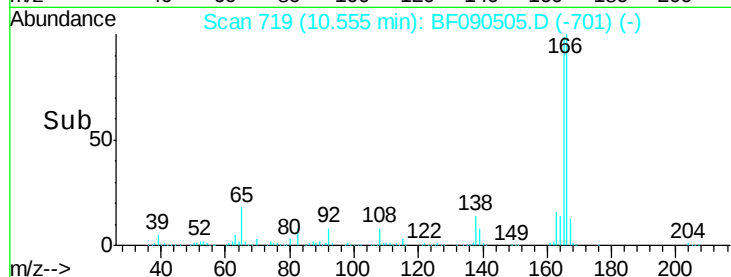
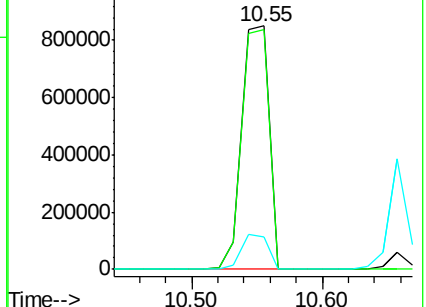
167 13.2 11.1 16.7



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: 42.95 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion:232 Resp: 324490

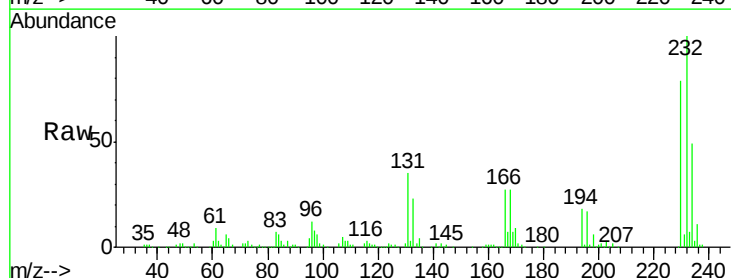
Ion Ratio Lower Upper

232 100

131 46.5 34.5 51.7

130 2.0 1.6 2.4

166 32.1 23.8 35.8

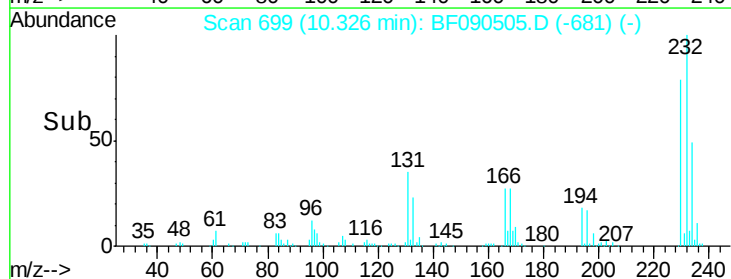
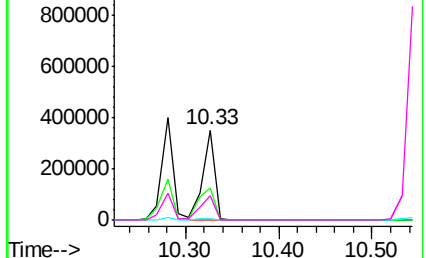


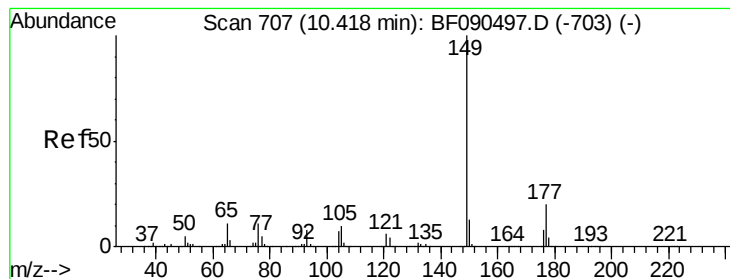
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.25 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

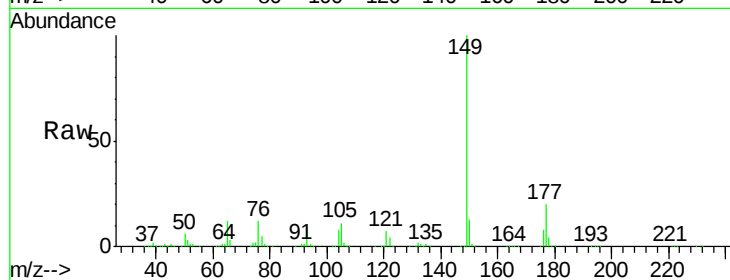
Tgt Ion:149 Resp: 1268636

Ion Ratio Lower Upper

149 100

177 19.5 21.1 31.7#

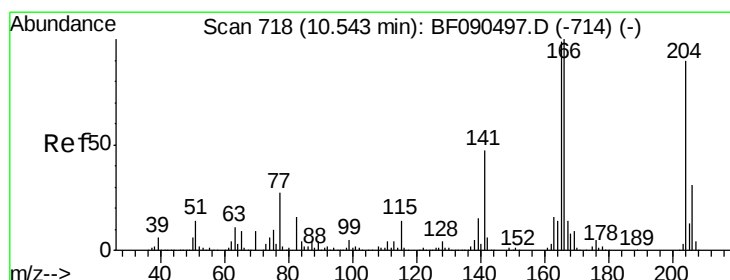
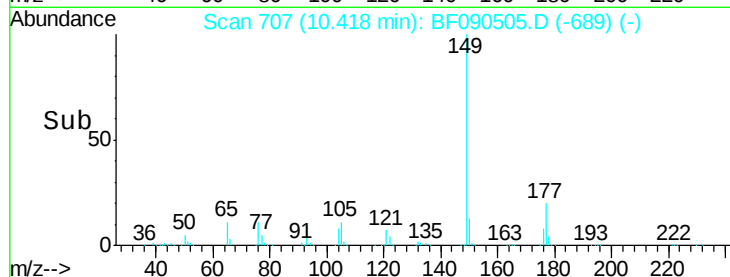
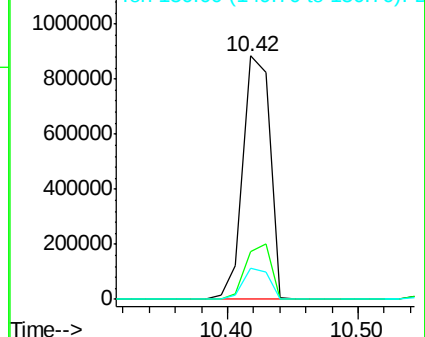
150 13.0 10.2 15.2



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: 43.20 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

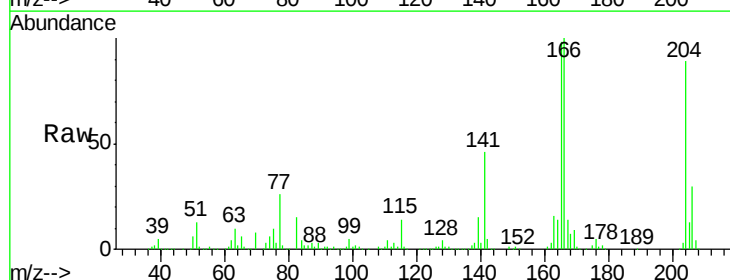
Tgt Ion:204 Resp: 645032

Ion Ratio Lower Upper

204 100

206 33.4 26.7 40.1

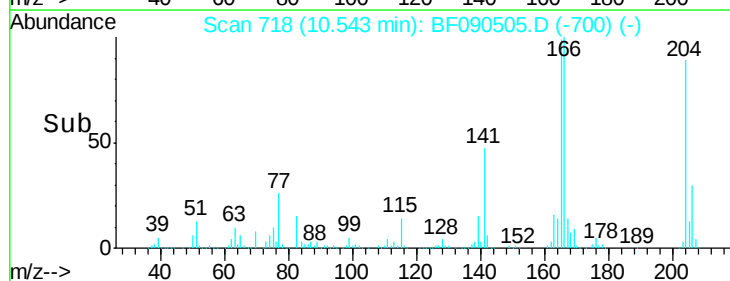
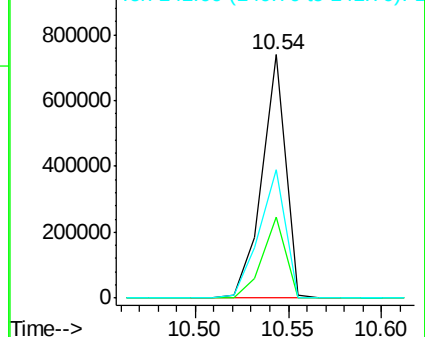
141 52.5 51.7 77.5

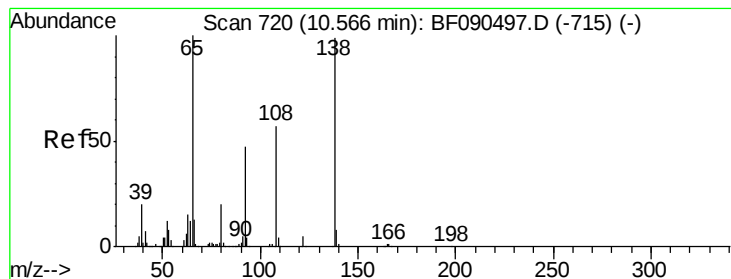


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.85 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

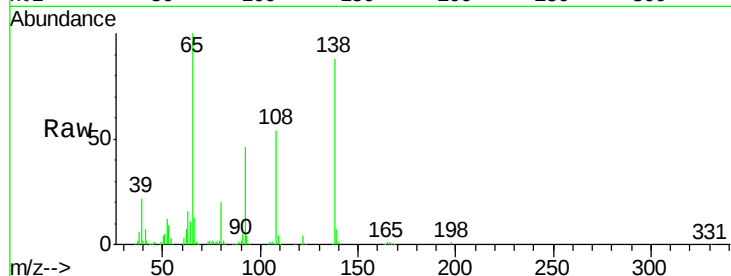
Tgt Ion:138 Resp: 308535

Ion Ratio Lower Upper

138 100

92 51.9 33.2 73.2

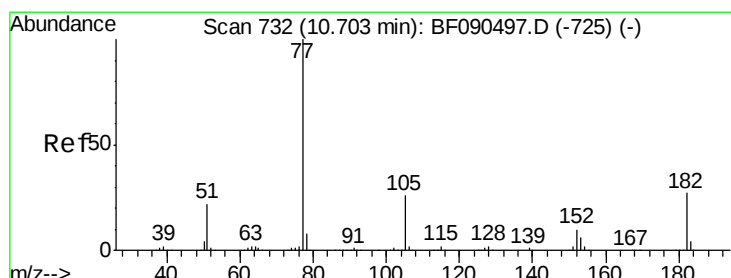
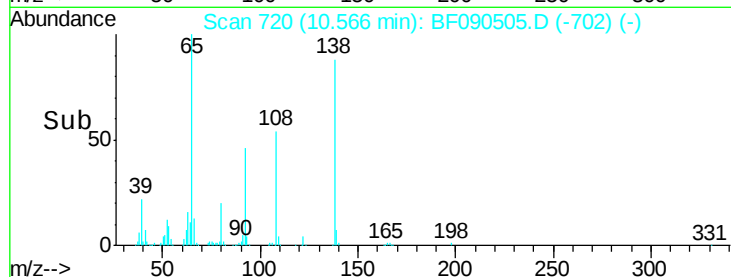
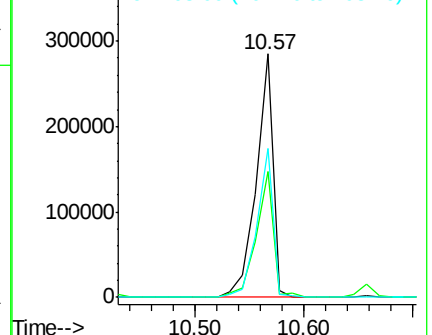
108 61.1 48.5 88.5



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: 41.90 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Tgt Ion: 77 Resp: 1517637

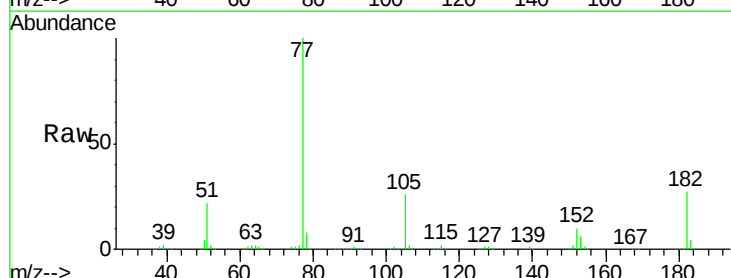
Ion Ratio Lower Upper

77 100

182 27.3 3.2 43.2

105 26.0 2.9 42.9

51 22.0 14.2 54.2

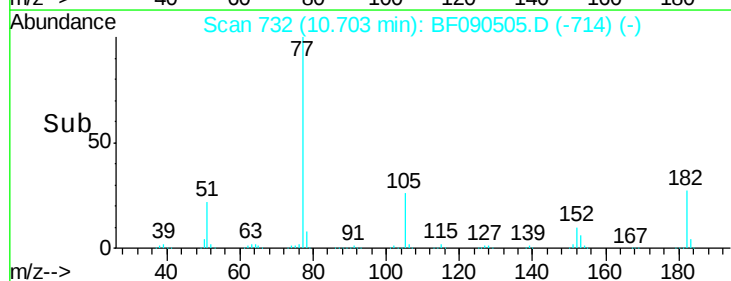
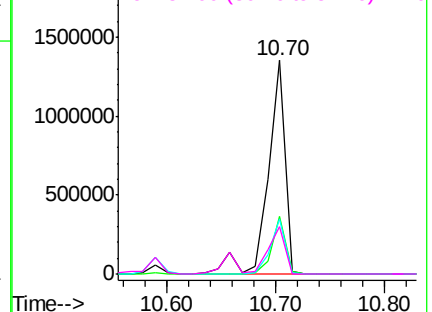


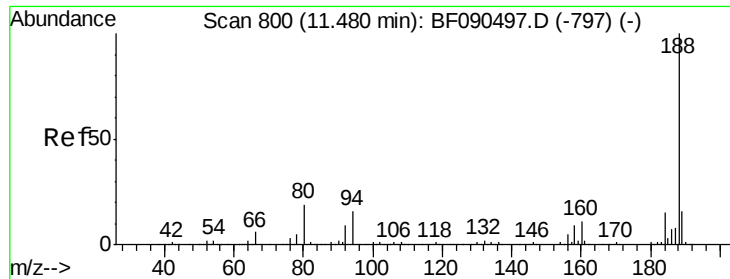
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

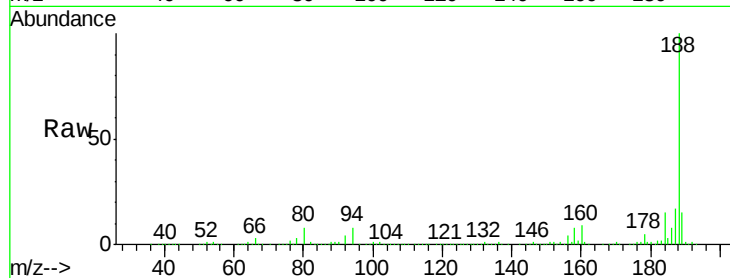




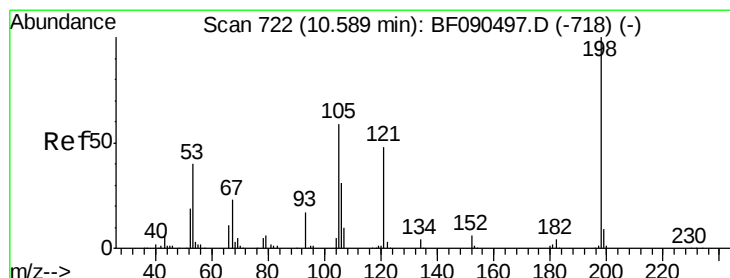
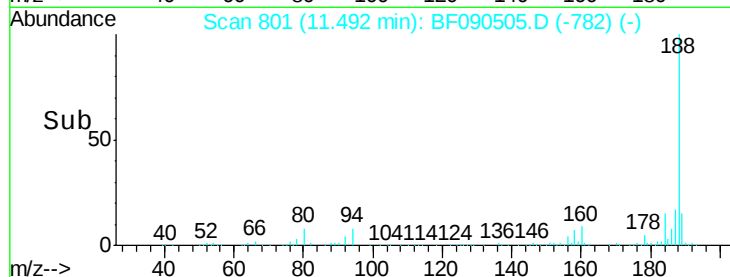
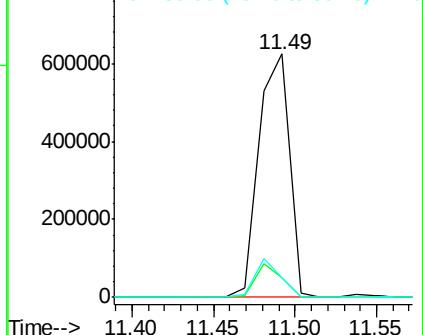
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:188 Resp: 817671
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.2 12.2#
 80 8.2 8.8 13.2#

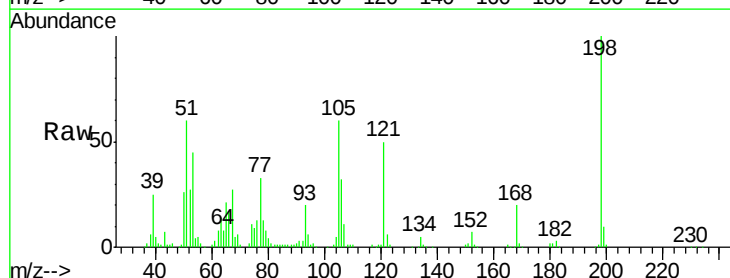


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

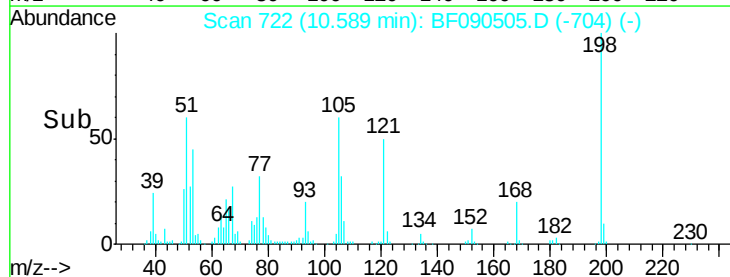
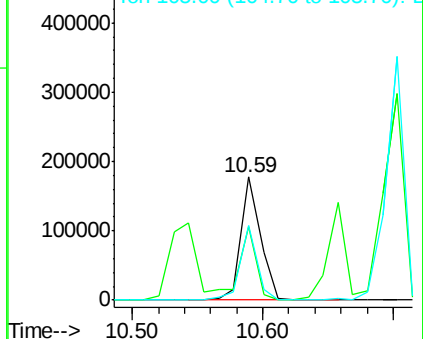


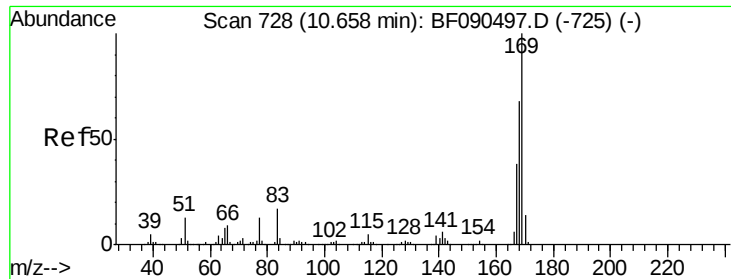
#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.73 ng
 RT: 10.59 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:198 Resp: 184198
 Ion Ratio Lower Upper
 198 100
 51 60.0 67.3 107.3#
 105 60.5 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: 37.64 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

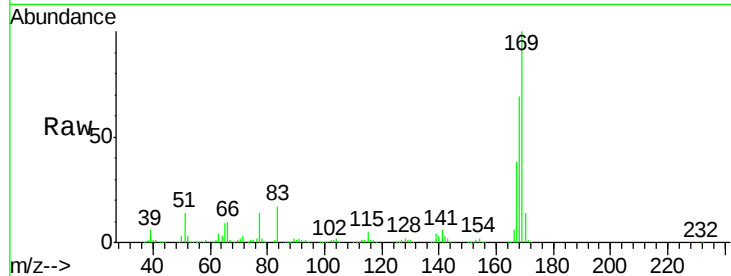
Tgt Ion:169 Resp: 1000888

Ion Ratio Lower Upper

169 100

168 68.8 53.8 80.6

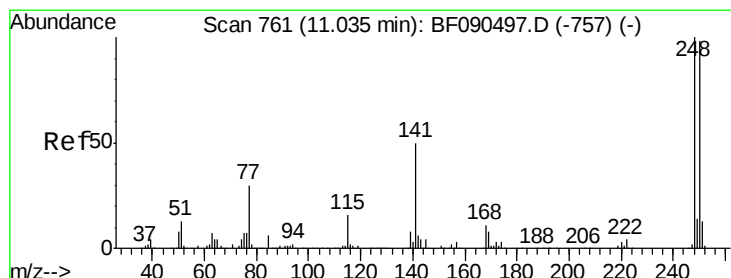
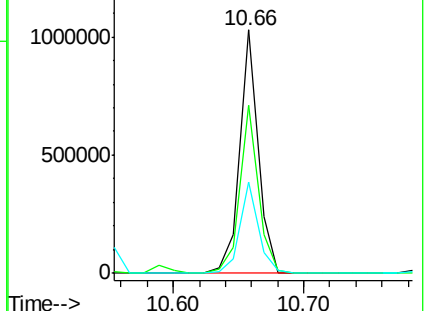
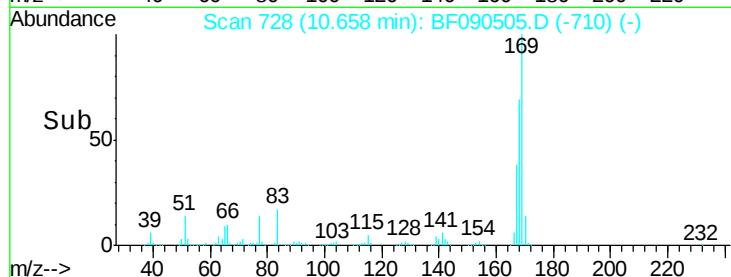
167 37.5 29.8 44.8



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: 41.96 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

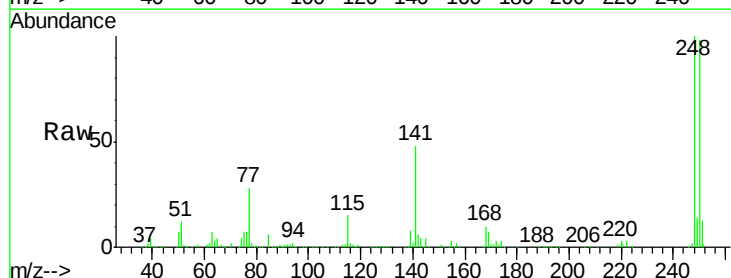
Tgt Ion:248 Resp: 380207

Ion Ratio Lower Upper

248 100

250 98.2 76.5 114.7

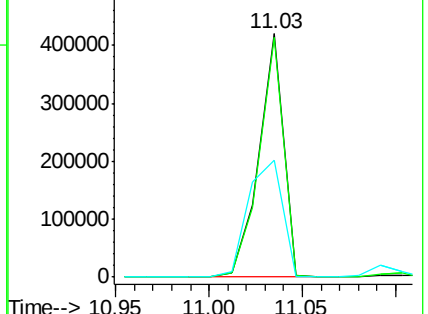
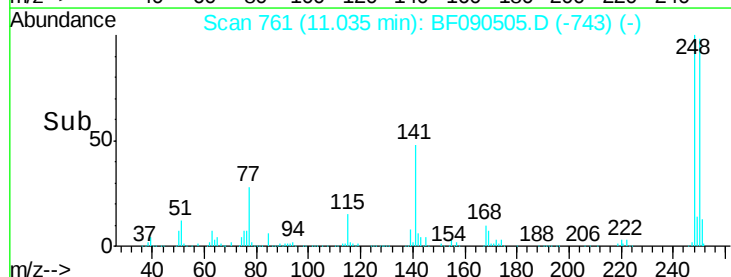
141 48.2 59.8 89.6#

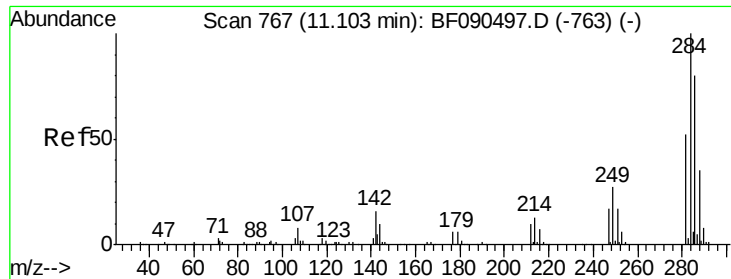


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

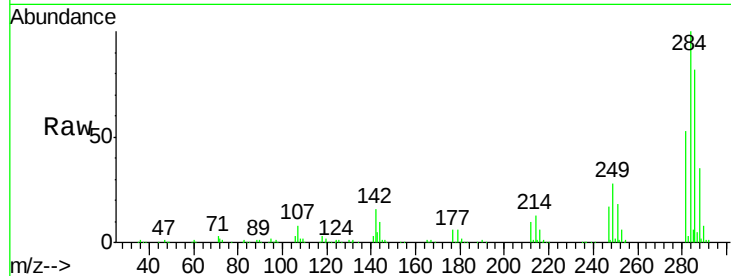




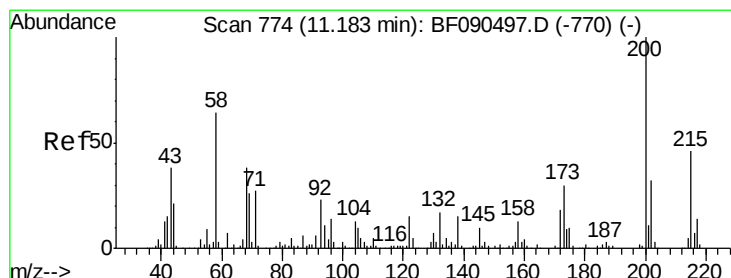
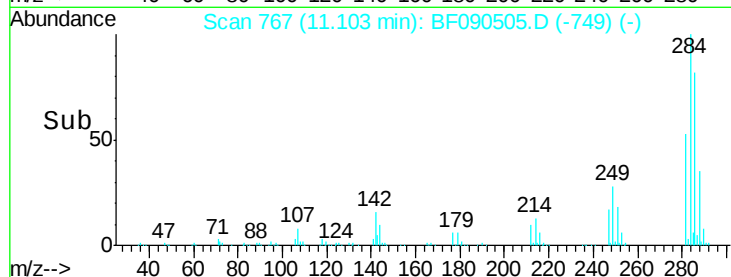
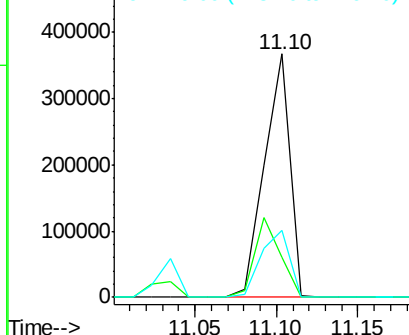
#67
Hexachlorobenzene
Concen: 39.88 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Tgt Ion:284 Resp: 399093
Ion Ratio Lower Upper
284 100
142 16.3 23.1 34.7#
249 27.7 26.3 39.5

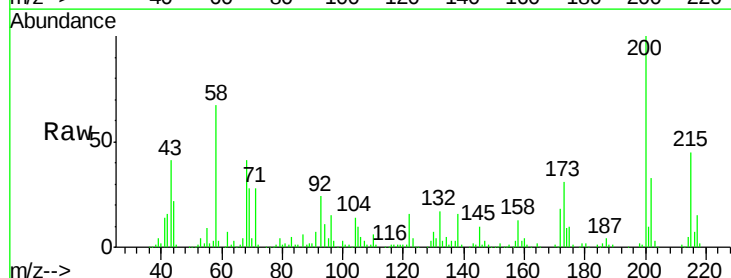


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

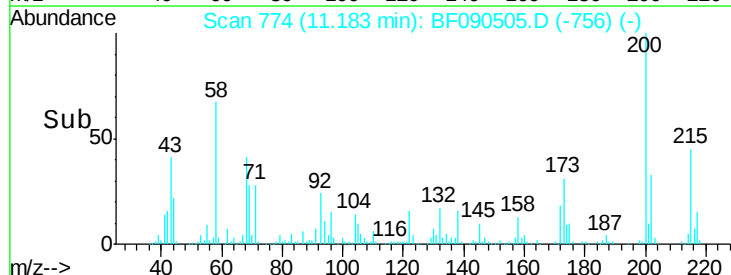
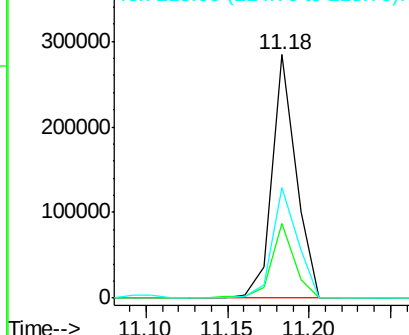


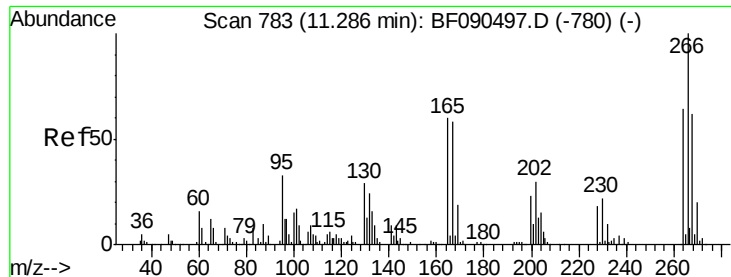
#68
Atrazine
Concen: 35.50 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:200 Resp: 292109
Ion Ratio Lower Upper
200 100
173 30.8 9.0 49.0
215 45.3 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

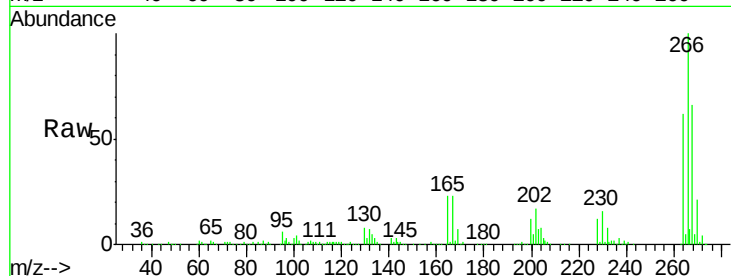




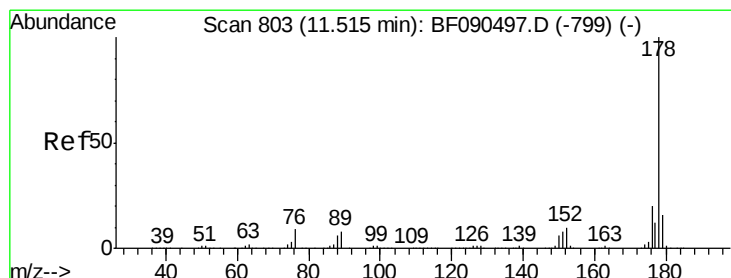
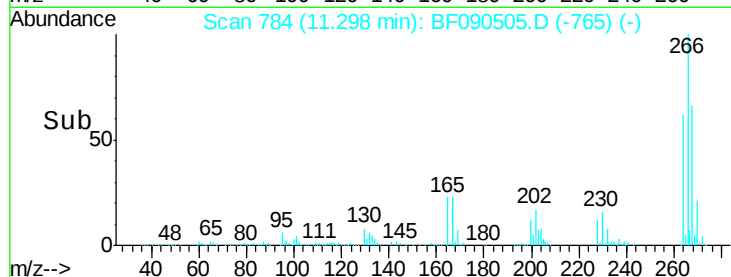
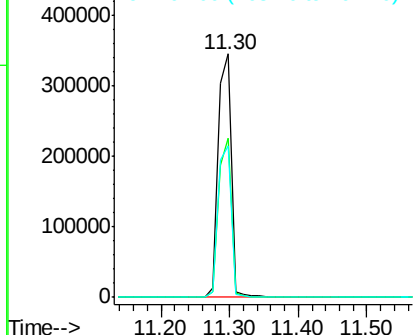
#69
 Pentachlorophenol
 Concen: 78.82 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:266 Resp: 469411
 Ion Ratio Lower Upper
 266 100
 268 65.6 50.9 76.3
 264 62.3 51.5 77.3

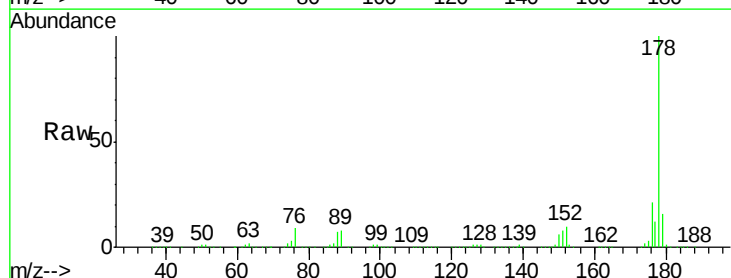


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

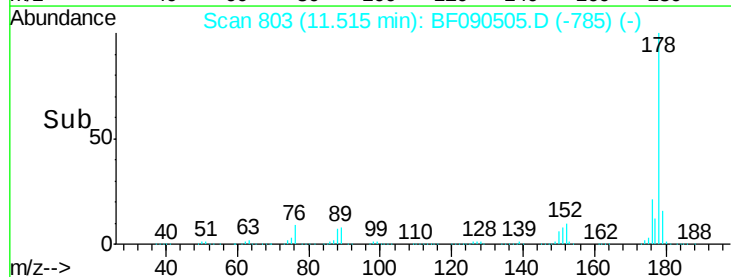
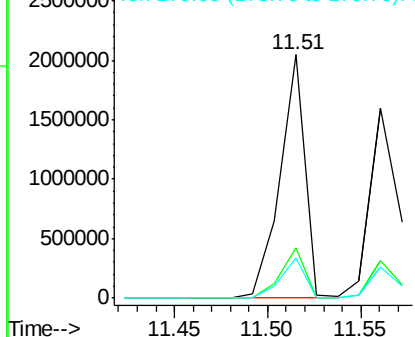


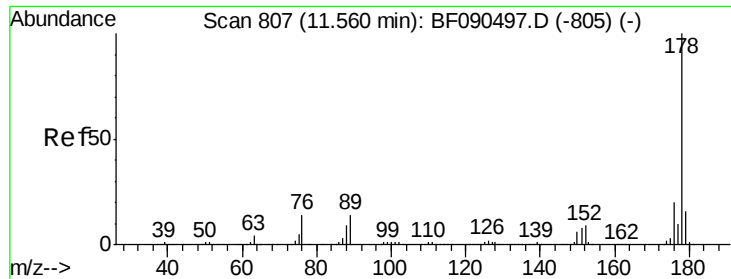
#70
 Phenanthrene
 Concen: 41.98 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:178 Resp: 1891541
 Ion Ratio Lower Upper
 178 100
 176 20.9 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

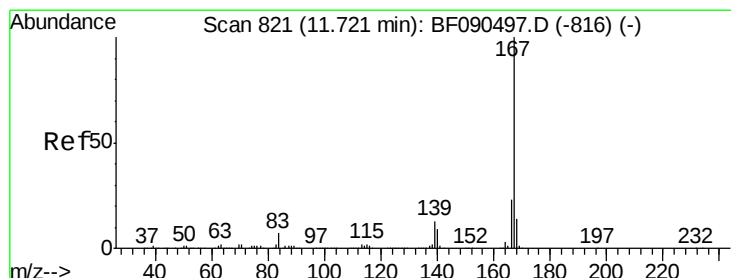
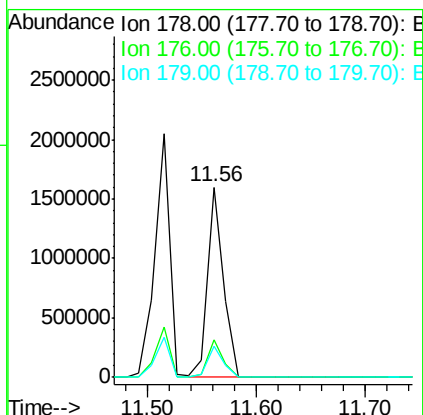
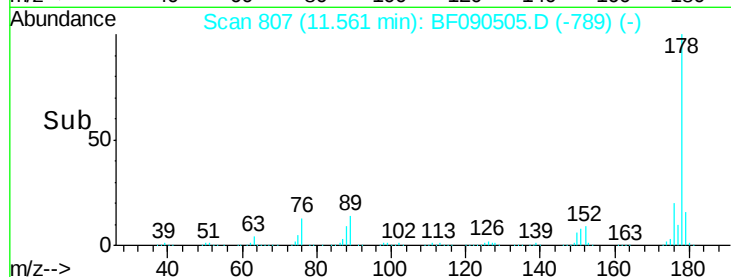
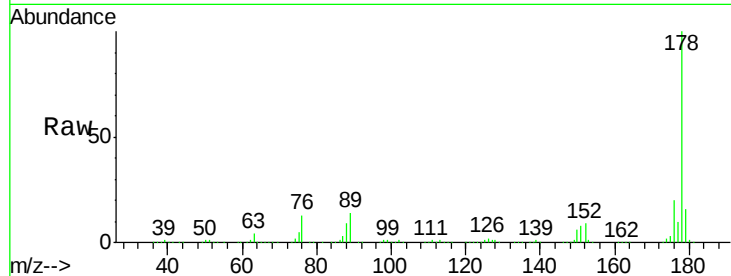




#71
 Anthracene
 Concen: 35.85 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

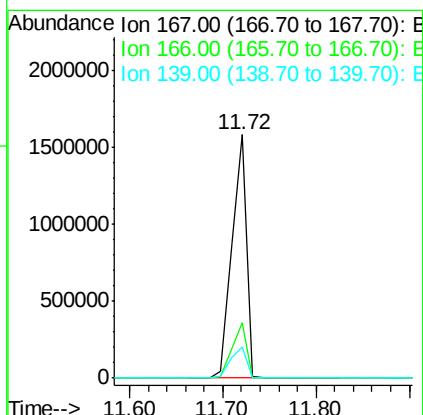
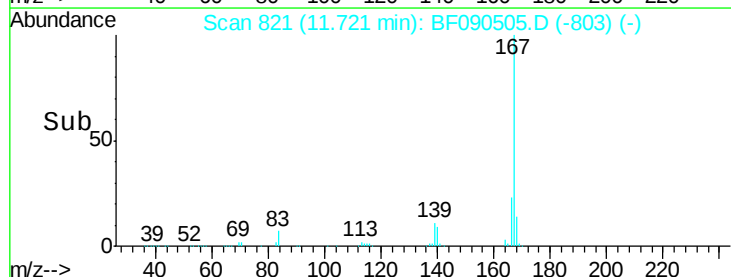
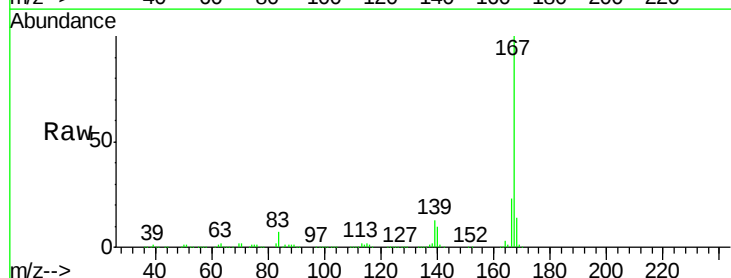
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

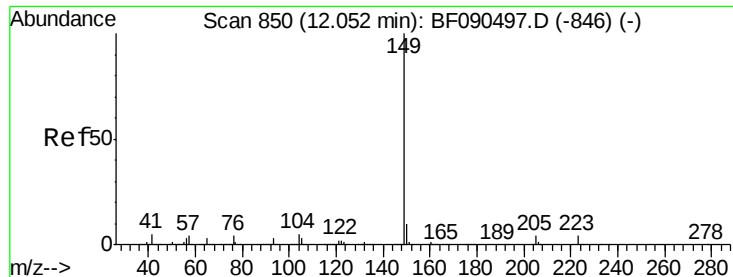
Tgt Ion:178 Resp: 1636645
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.4 13.4 20.2



#72
 Carbazole
 Concen: 40.05 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:167 Resp: 1727035
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.1 28.7
 139 12.7 12.1 18.1





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

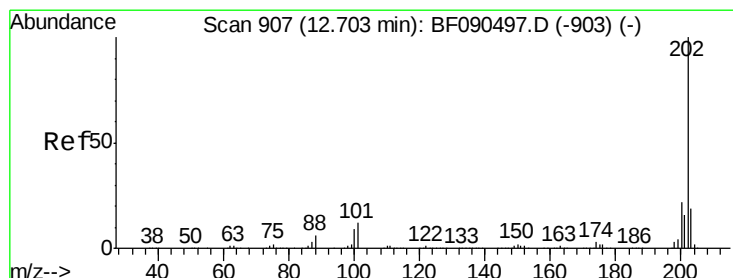
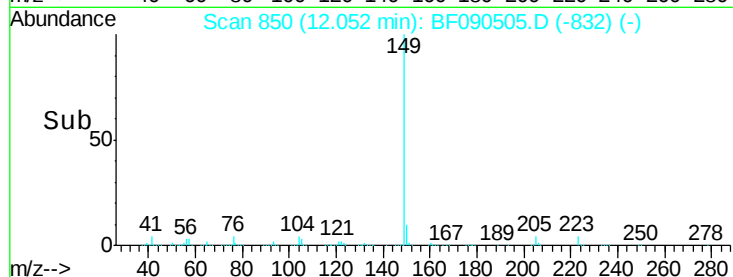
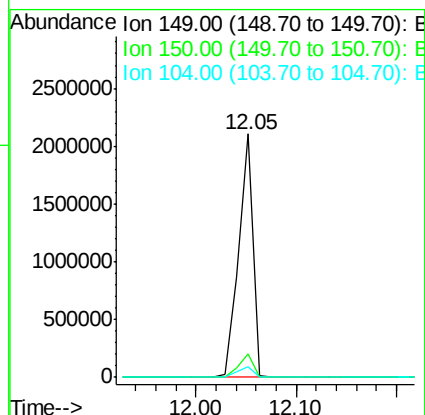
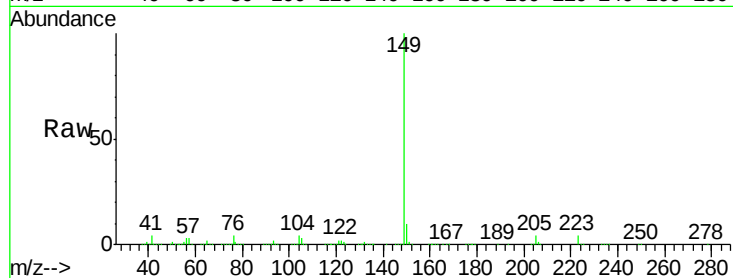
Tgt Ion:149 Resp: 2067053

Ion Ratio Lower Upper

149 100

150 9.8 8.6 12.8

104 4.2 4.7 7.1#



#74

Fluoranthene

Concen: 41.32 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

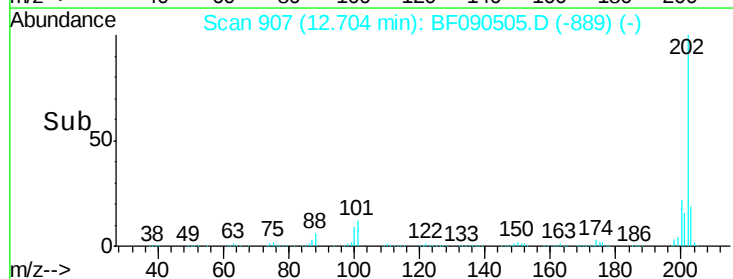
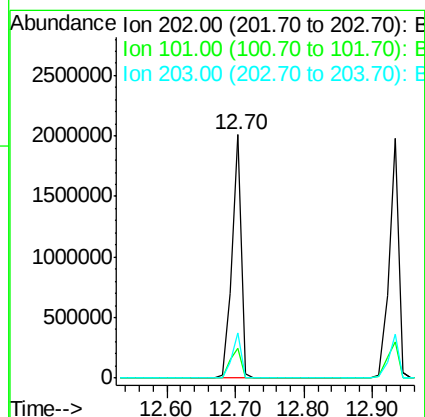
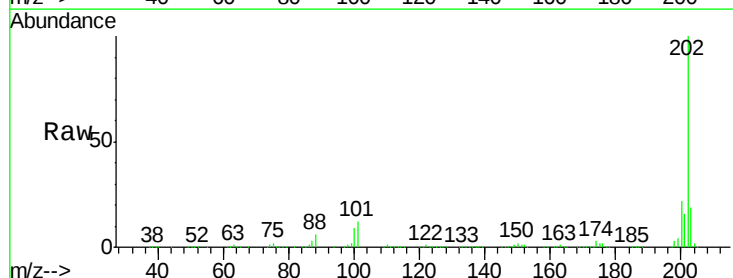
Tgt Ion:202 Resp: 1900669

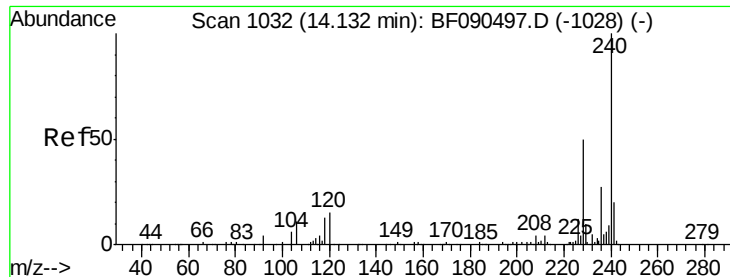
Ion Ratio Lower Upper

202 100

101 12.3 0.0 37.2

203 18.6 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

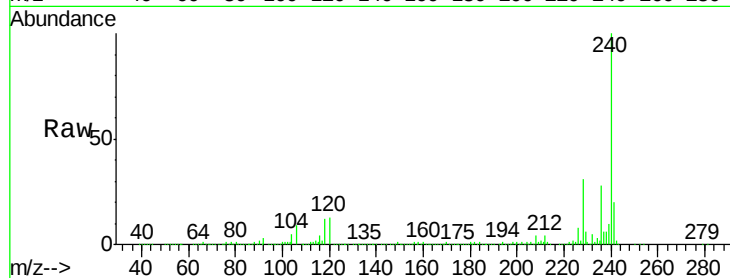
Tgt Ion:240 Resp: 784835

Ion Ratio Lower Upper

240 100

120 13.4 8.6 13.0#

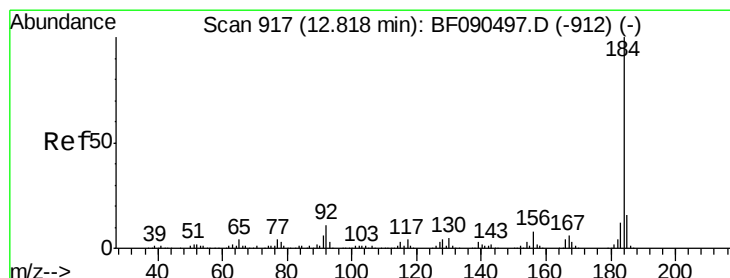
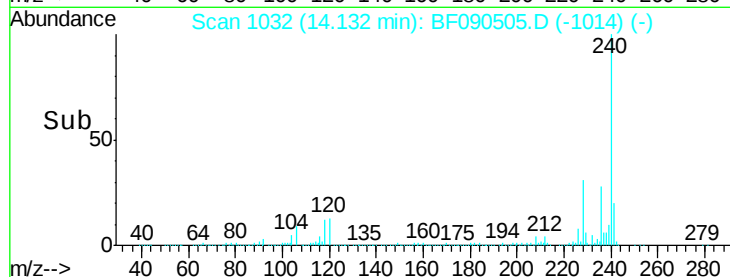
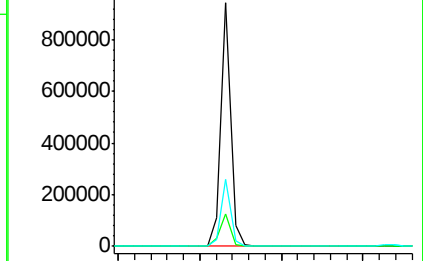
236 27.5 21.6 32.4



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: 19.80 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

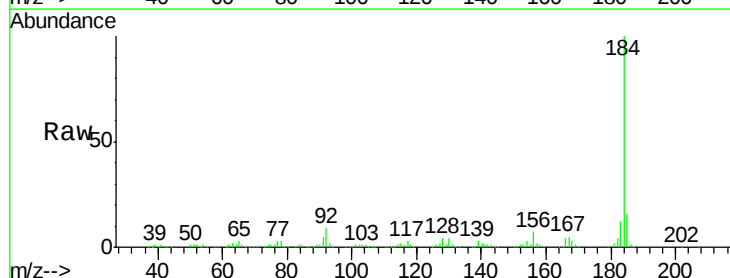
Tgt Ion:184 Resp: 488314

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

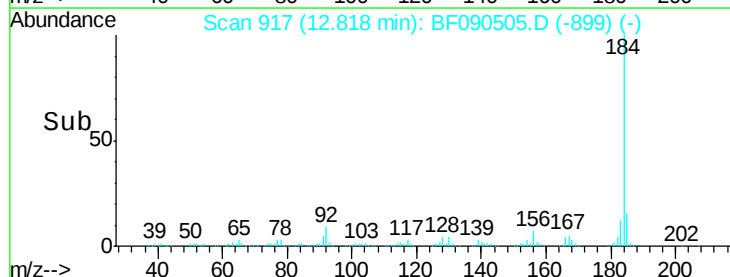
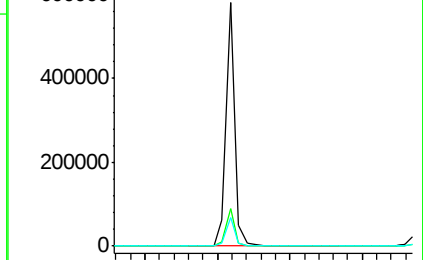
183 11.6 9.6 14.4

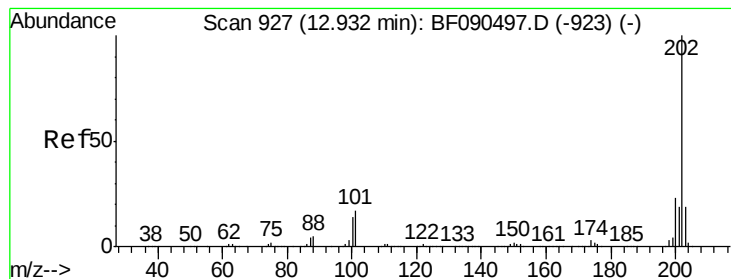


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.31 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

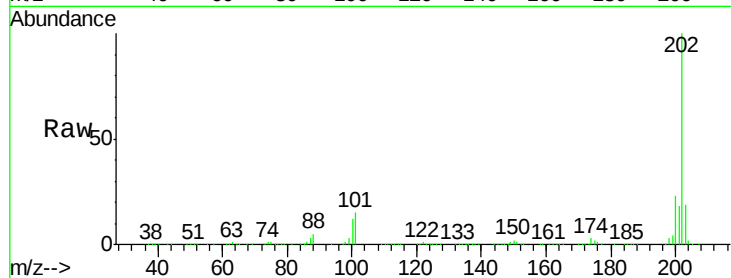
Tgt Ion:202 Resp: 1882142

Ion Ratio Lower Upper

202 100

200 22.6 18.5 27.7

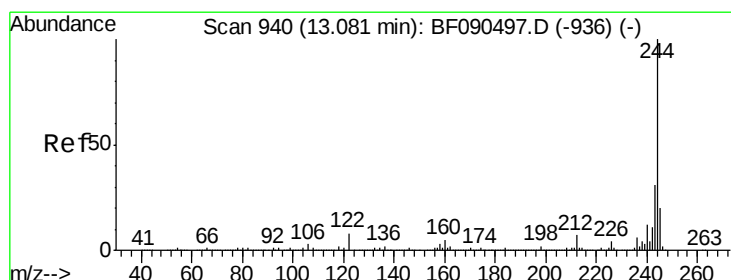
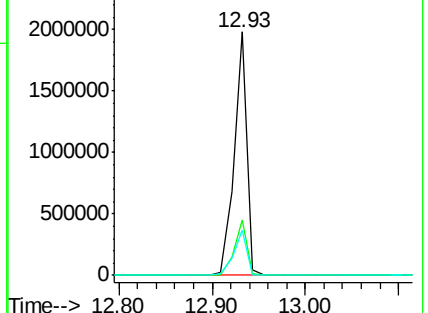
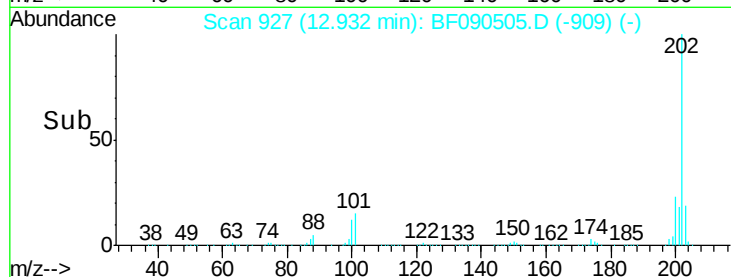
203 18.6 15.0 22.6



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: 81.36 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

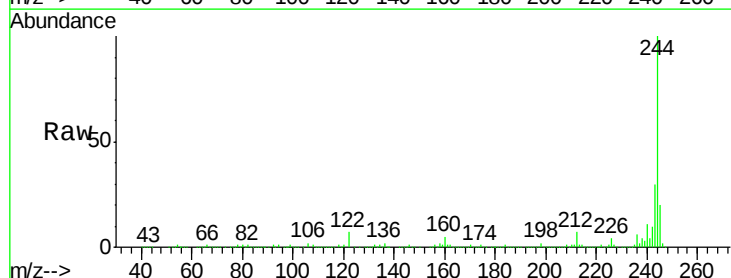
Tgt Ion:244 Resp: 2612982

Ion Ratio Lower Upper

244 100

212 6.5 6.8 10.2#

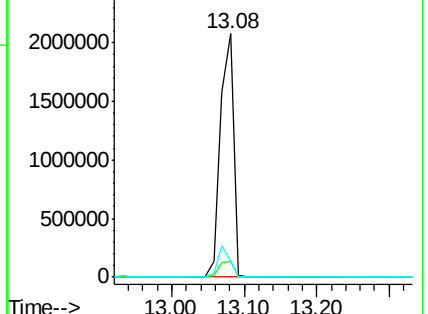
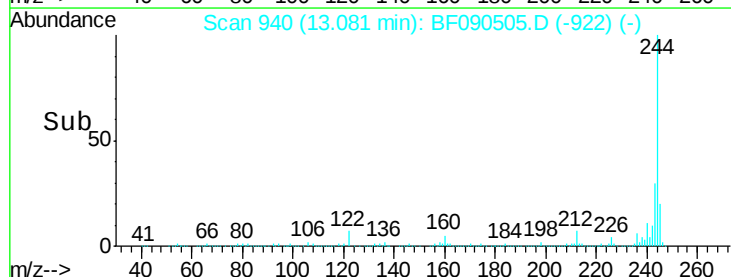
122 6.7 13.3 19.9#

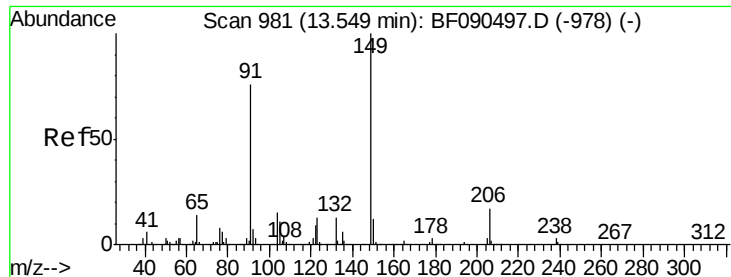


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

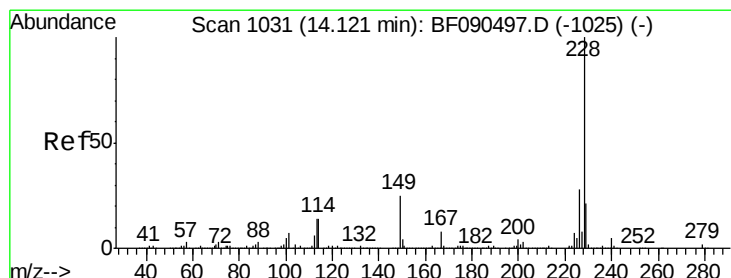
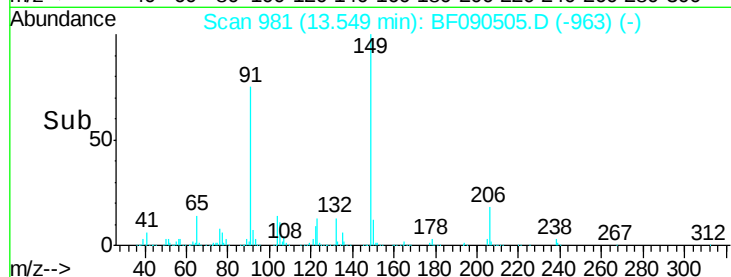
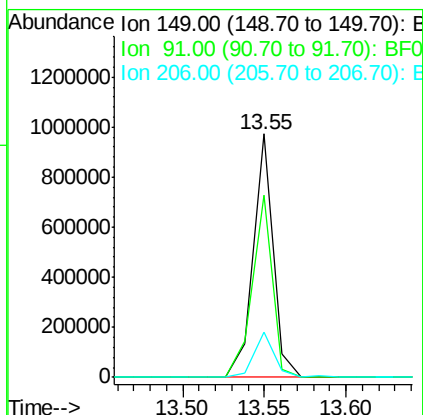
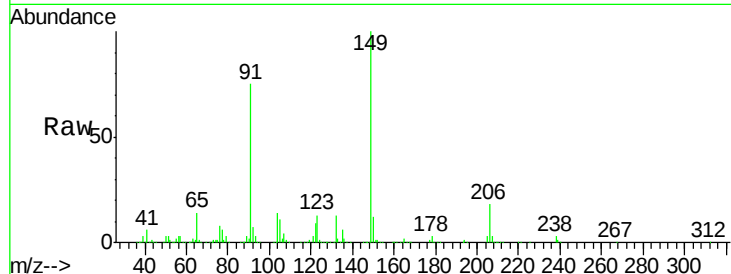




#79
Butylbenzylphthalate
Concen: 35.86 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

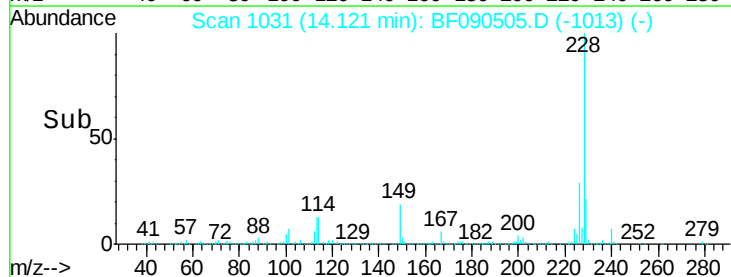
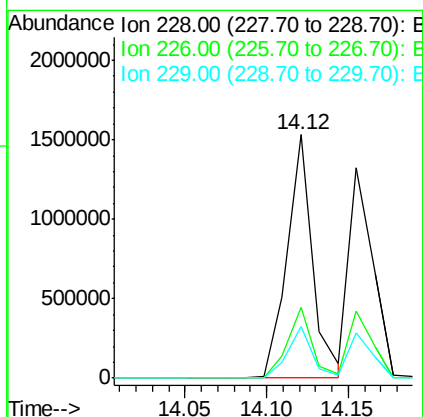
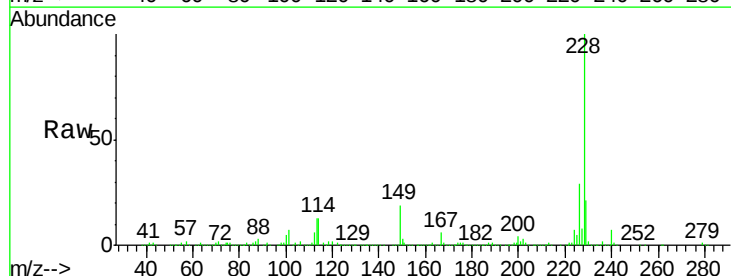
Instrument :
BNA_F
ClientSampleId :
PB93839BS

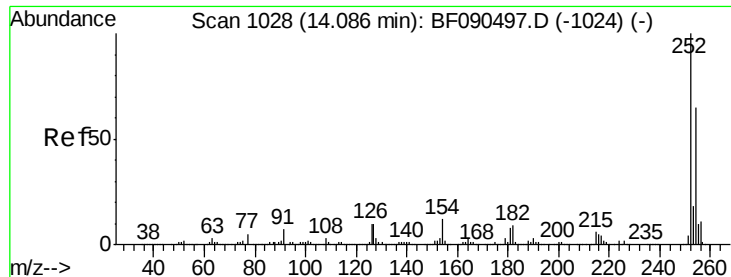
Tgt Ion:149 Resp: 824717
Ion Ratio Lower Upper
149 100
91 75.1 51.8 77.8
206 18.3 18.0 27.0



#80
Benzo(a)anthracene
Concen: 35.68 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090505.D
Acq: 11 Oct 2016 16:48

Tgt Ion:228 Resp: 1668862
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 20.9 16.6 25.0

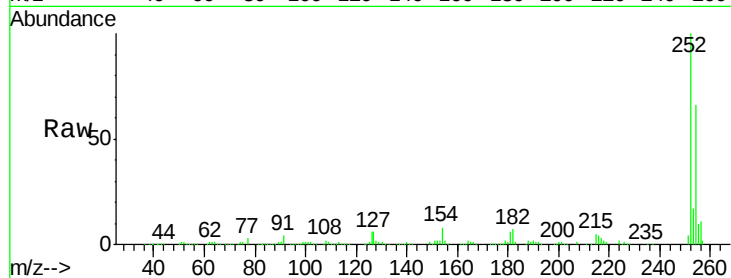




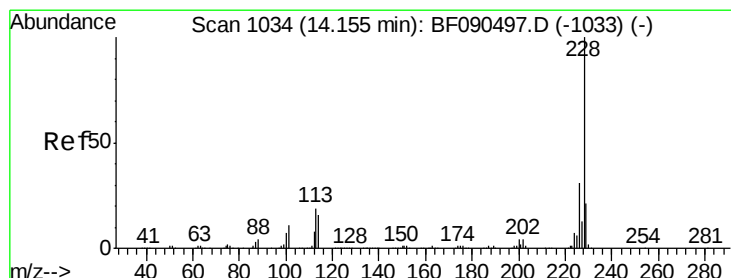
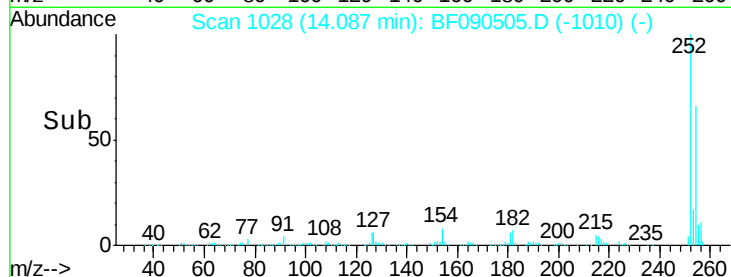
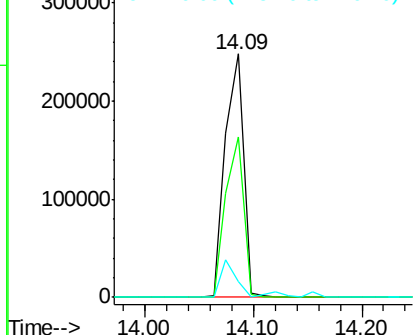
#81
 3,3'-Dichlorobenzidine
 Concen: 17.32 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

Tgt Ion:252 Resp: 291552
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.1 78.1
 126 6.3 4.2 6.4

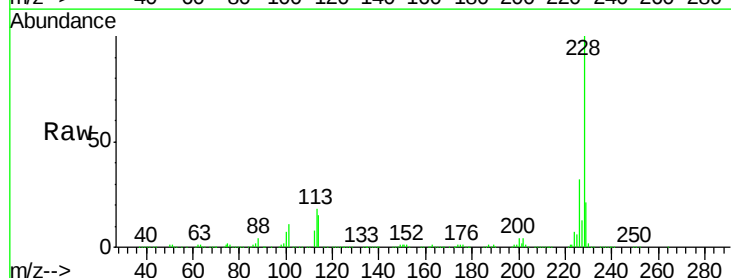


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

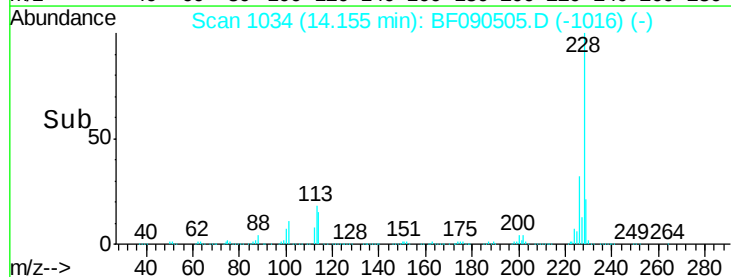
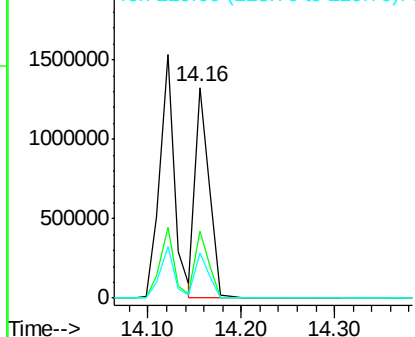


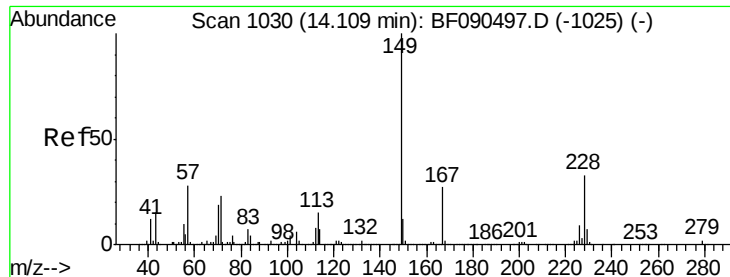
#82
 Chrysene
 Concen: 31.76 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:228 Resp: 1382701
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.8 38.6
 229 21.1 16.9 25.3



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

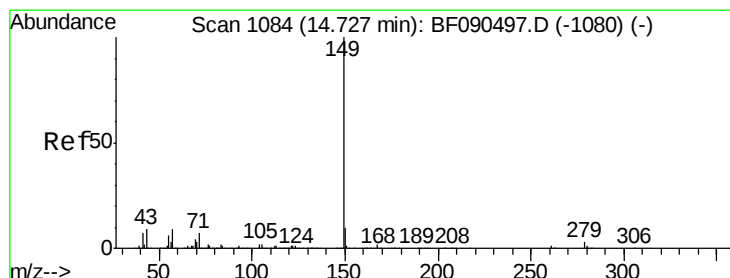
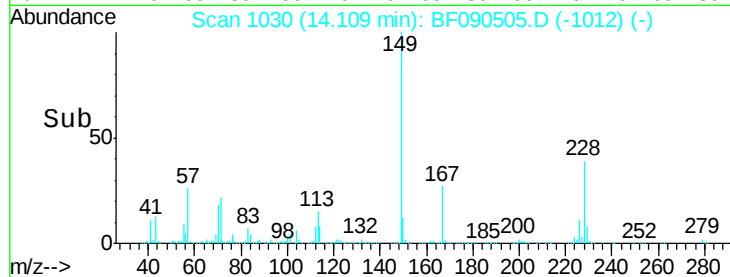
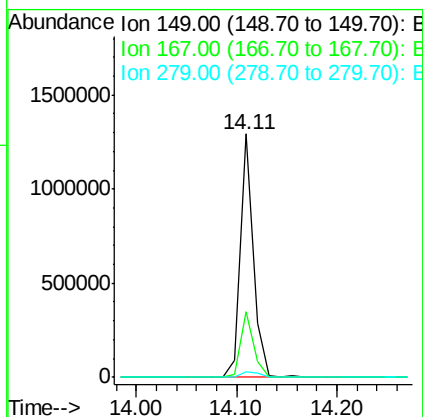
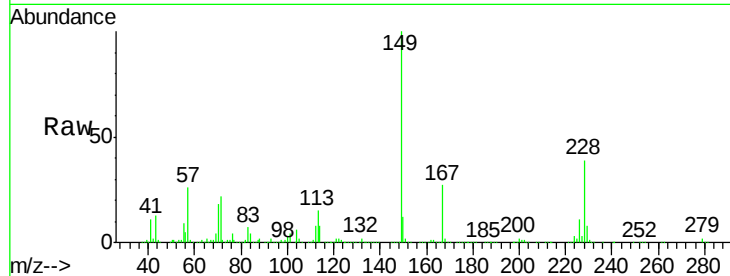




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.51 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

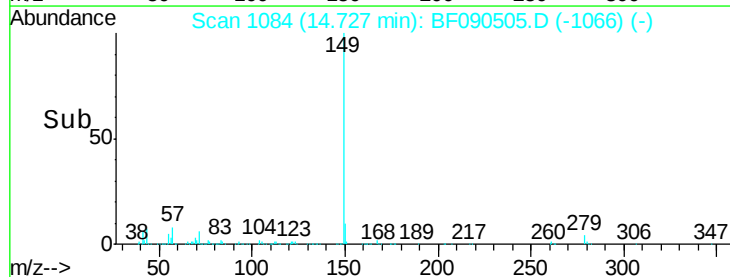
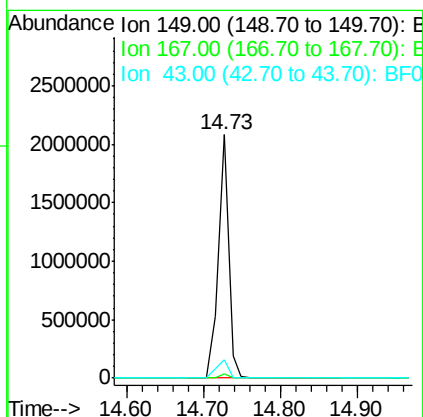
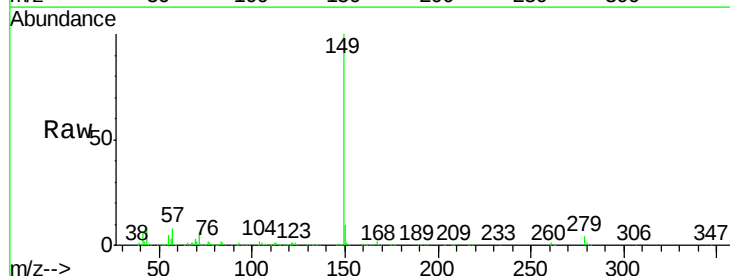
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

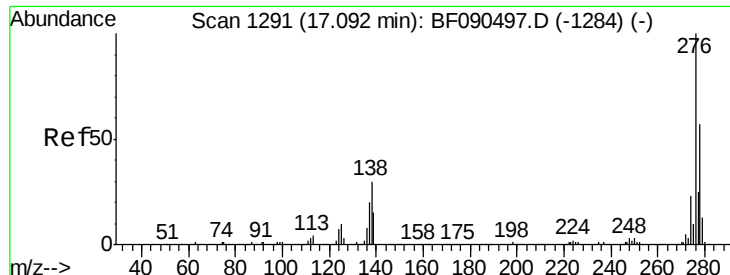
Tgt Ion:149 Resp: 1158141
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.5 32.3
 279 2.5 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 37.48 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:149 Resp: 1947940
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.8 11.8 17.8#

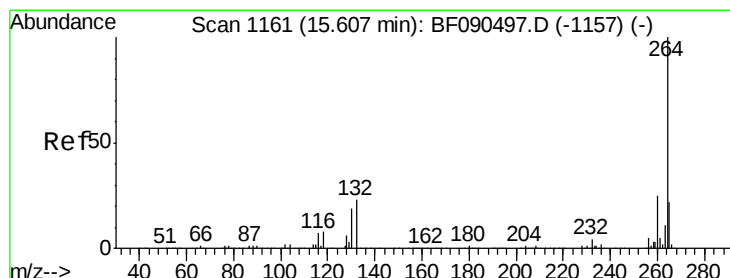
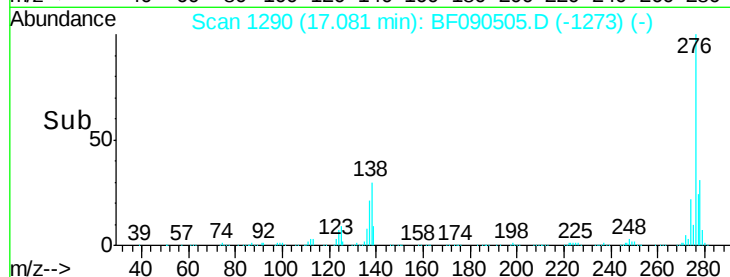
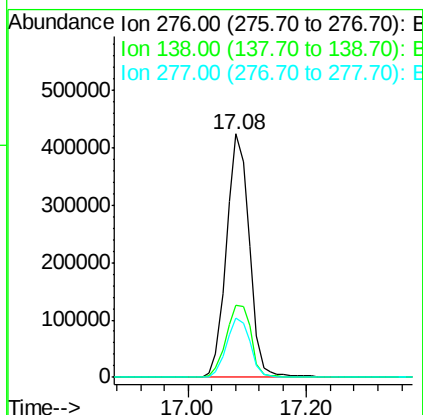
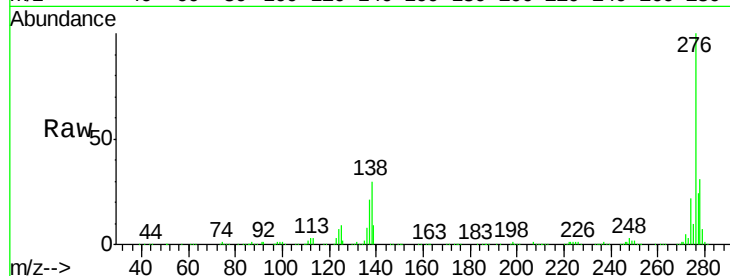




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.32 ng
 RT: 17.08 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

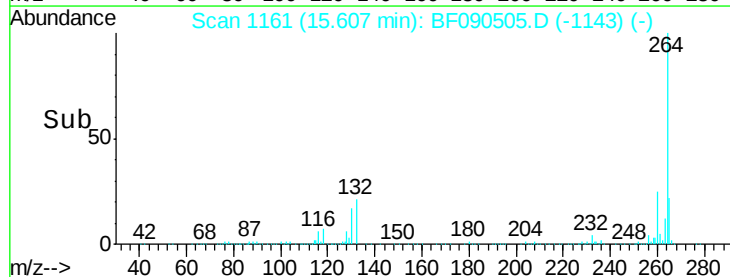
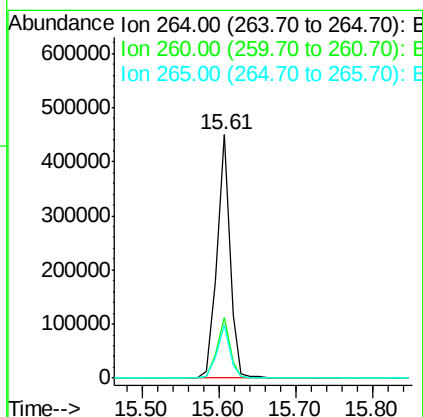
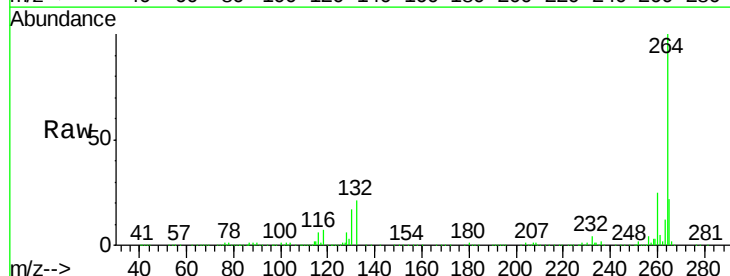
Instrument :
 BNA_F
 ClientSampleId :
 PB93839BS

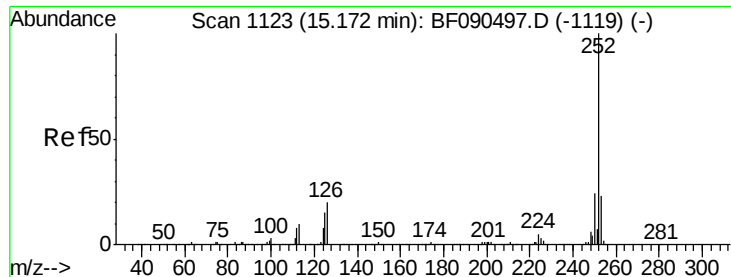
Tgt Ion:276 Resp: 1135413
 Ion Ratio Lower Upper
 276 100
 138 32.7 23.8 35.8
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090505.D
 Acq: 11 Oct 2016 16:48

Tgt Ion:264 Resp: 534717
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 45.39 ng

RT: 15.17 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

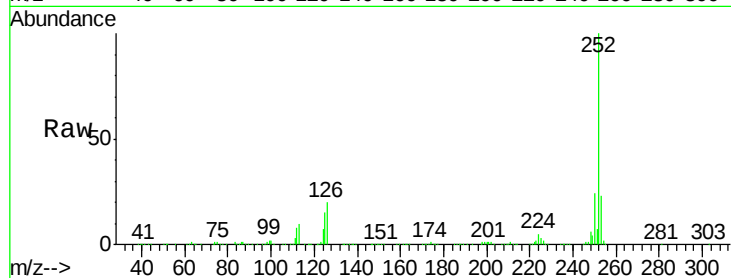
Tgt Ion:252 Resp: 1601334

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

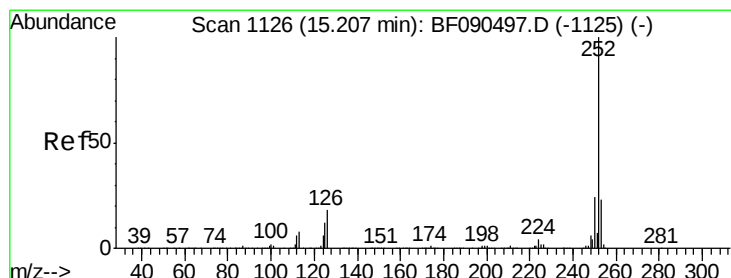
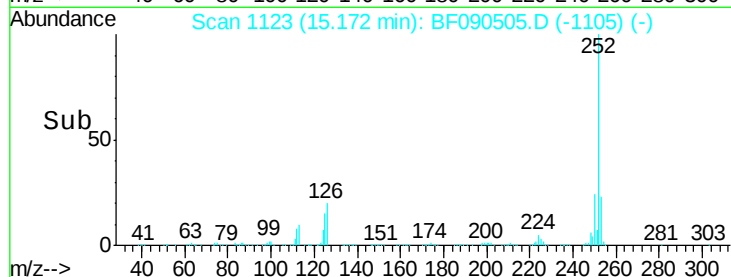
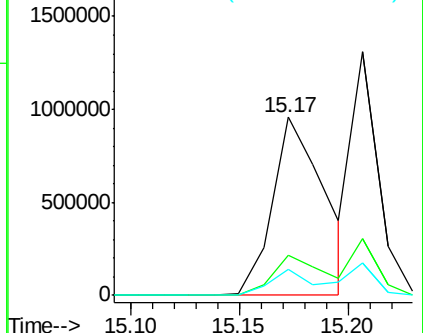
125 14.7 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.96 ng

RT: 15.17 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

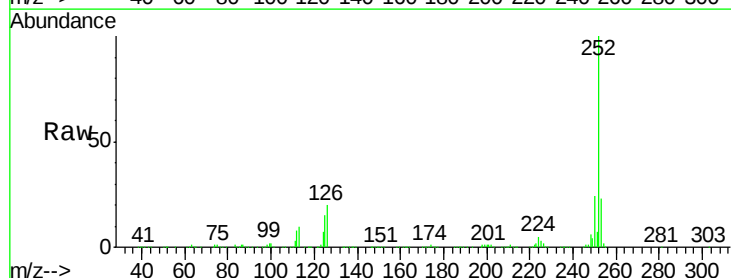
Tgt Ion:252 Resp: 1601334

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

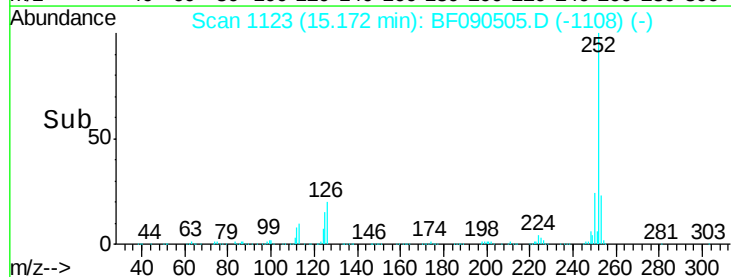
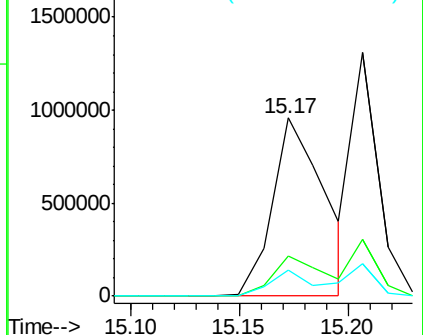
125 14.7 11.7 17.5

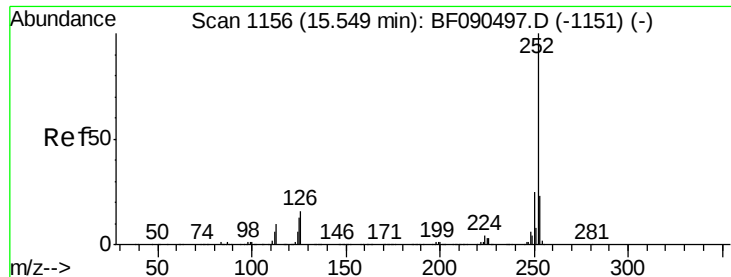


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.70 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

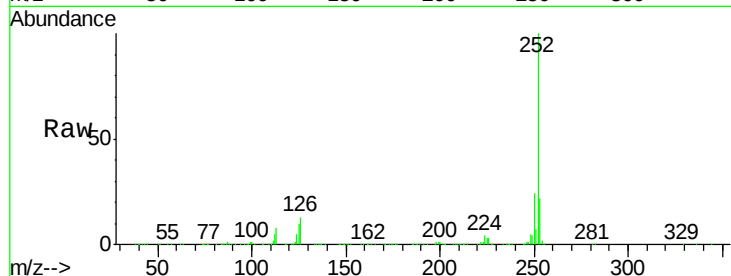
Tgt Ion:252 Resp: 1292002

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

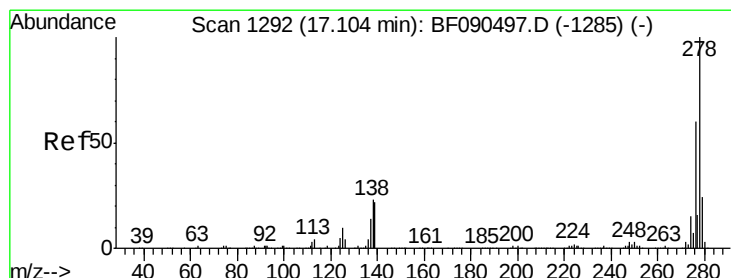
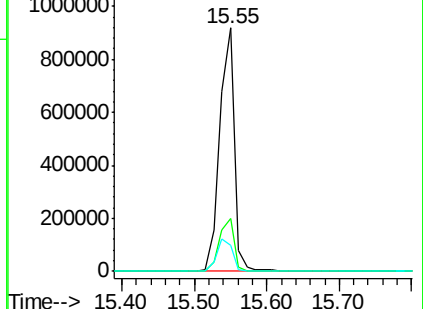
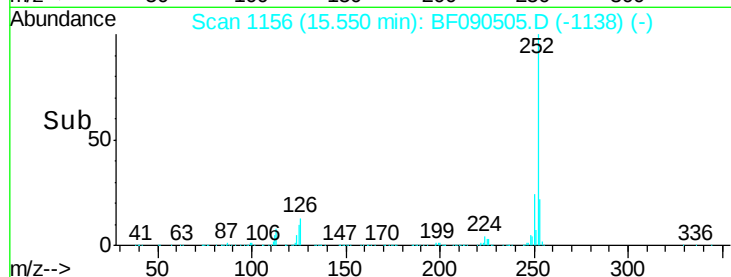
125 10.5 9.8 14.8



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: 36.93 ng

RT: 17.10 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

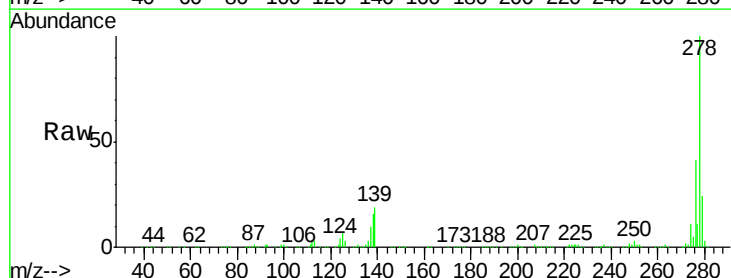
Tgt Ion:278 Resp: 972013

Ion Ratio Lower Upper

278 100

139 18.6 12.8 19.2

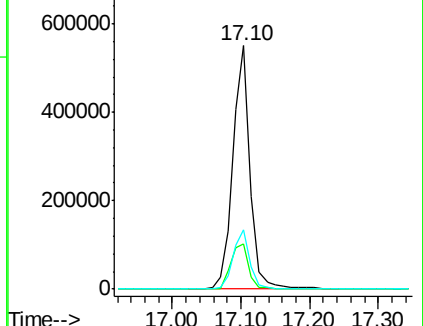
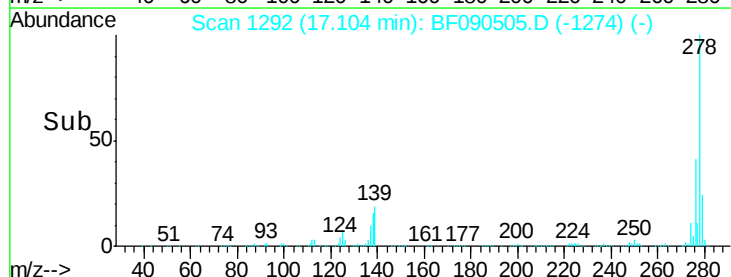
279 24.1 19.6 29.4

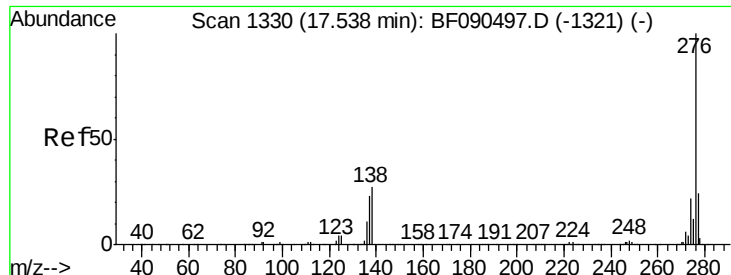


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.76 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090505.D

Acq: 11 Oct 2016 16:48

Instrument :

BNA_F

ClientSampleId :

PB93839BS

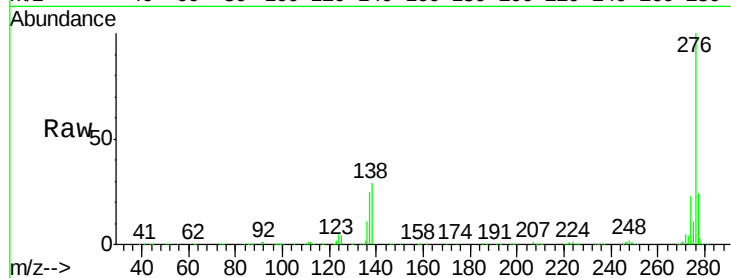
Tgt Ion: 276 Resp: 894635

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 28.9 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

