

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101116\
 Data File : BF090504.D
 Acq On : 11 Oct 2016 16:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 11 17:15:20 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	214505	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	867572	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	440117	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	749742	20.00	ng	0.00
75) Chrysene-d12	14.13	240	743561	20.00	ng	0.00
86) Perylene-d12	15.61	264	563878	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1155345	83.79	ng	0.00
7) Phenol-d6	6.59	99	1455980	83.68	ng	0.00
23) Nitrobenzene-d5	7.51	82	1218744	76.19	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	373298	85.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2131964	81.40	ng	0.00
78) Terphenyl-d14	13.08	244	2336128	76.78	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	269108	39.79	ng	# 84
3) Pyridine	3.37	79	728600	38.98	ng	# 78
4) n-Nitrosodimethylamine	3.32	42	247336	40.37	ng	# 45
6) Aniline	6.61	93	870791	39.45	ng	98
8) 2-Chlorophenol	6.74	128	596764	40.69	ng	95
9) Benzaldehyde	6.50	77	441553	40.28	ng	100
10) Phenol	6.60	94	870319	44.34	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	598635	40.75	ng	92
12) 1,3-Dichlorobenzene	6.90	146	636273	40.21	ng	99
13) 1,4-Dichlorobenzene	6.97	146	607479	37.62	ng	98
14) 1,2-Dichlorobenzene	7.13	146	632330	43.10	ng	99
15) Benzyl Alcohol	7.09	79	507234	37.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	819488	38.92	ng	89
17) 2-Methylphenol	7.21	107	459071	38.48	ng	99
18) Hexachloroethane	7.47	117	241935	40.60	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	407143	36.69	ng	# 81
20) 3+4-Methylphenols	7.37	107	610872	40.44	ng	# 59
22) Acetophenone	7.37	105	797422	41.75	ng	# 90
24) Nitrobenzene	7.54	77	713887	41.61	ng	93
25) Isophorone	7.78	82	1125033	38.65	ng	99
26) 2-Nitrophenol	7.86	139	330089	42.17	ng	97
27) 2,4-Dimethylphenol	7.89	122	541376	40.69	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	644287	35.84	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	470702	42.30	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	490576	38.38	ng	98
31) Naphthalene	8.27	128	1678281	38.83	ng	97
32) Benzoic acid	8.02	122	439435	41.85	ng	97
33) 4-Chloroaniline	8.31	127	725010	39.62	ng	# 86
34) Hexachlorobutadiene	8.38	225	294255	41.17	ng	99
35) Caprolactam	8.68	113	139842	38.76	ng	# 77
36) 4-Chloro-3-methylphenol	8.79	107	542251	41.73	ng	90
37) 2-Methylnaphthalene	8.95	142	1088966	37.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	517230	41.98	ng	99
40) Hexachlorocyclopentadiene	9.11	237	261451	42.75	ng	98

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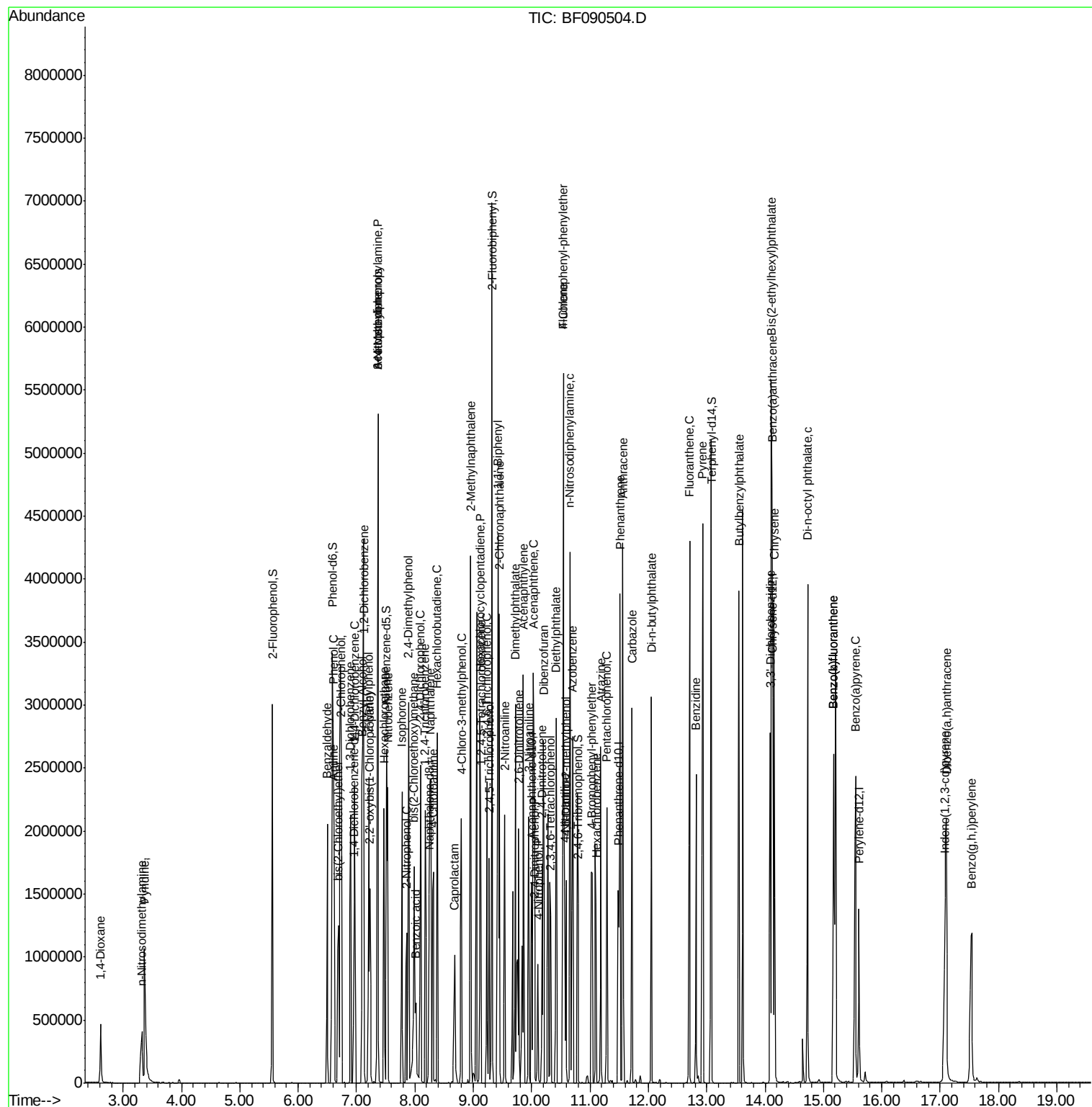
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	314546	37.87	ng	97
43) 2,4,5-Trichlorophenol	9.27	196	351974	42.81	ng #	87
45) 1,1'-Biphenyl	9.42	154	1457576	43.36	ng	95
46) 2-Chloronaphthalene	9.45	162	1074407	42.96	ng	98
47) 2-Nitroaniline	9.54	65	382179	42.84	ng	95
48) Acenaphthylene	9.86	152	1520709	37.69	ng	99
49) Dimethylphthalate	9.72	163	1163701	39.31	ng	99
50) 2,6-Dinitrotoluene	9.78	165	247433	37.86	ng	93
51) Acenaphthene	10.03	154	1055483	39.03	ng	99
52) 3-Nitroaniline	9.95	138	322324	39.75	ng	97
53) 2,4-Dinitrophenol	10.05	184	160834	44.35	ng	95
54) Dibenzofuran	10.20	168	1347490	37.45	ng	93
55) 4-Nitrophenol	10.11	139	278345	44.17	ng #	66
56) 2,4-Dinitrotoluene	10.18	165	327187	37.85	ng #	37
57) Fluorene	10.54	166	1105636	37.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	278168	40.56	ng	93
59) Diethylphthalate	10.42	149	1176482	39.08	ng #	93
60) 4-Chlorophenyl-phenylether	10.54	204	583404	43.04	ng #	87
61) 4-Nitroaniline	10.57	138	361576	43.70	ng	90
62) Azobenzene	10.70	77	1372989	41.76	ng	84
64) 4,6-Dinitro-2-methylphenol	10.59	198	194797	38.90	ng #	73
65) n-Nitrosodiphenylamine	10.66	169	976375	40.05	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	342302	41.20	ng #	85
67) Hexachlorobenzene	11.10	284	365798	39.86	ng #	81
68) Atrazine	11.18	200	280426	37.17	ng	99
69) Pentachlorophenol	11.29	266	216406	39.63	ng	99
70) Phenanthrene	11.51	178	1731311	41.90	ng	97
71) Anthracene	11.56	178	1539032	36.77	ng	98
72) Carbazole	11.72	167	1626361	41.14	ng	96
73) Di-n-butylphthalate	12.05	149	1946499	40.88	ng #	96
74) Fluoranthene	12.70	202	1838127	43.58	ng	93
76) Benzidine	12.82	184	801300	34.29	ng	96
77) Pyrene	12.93	202	1825924	39.23	ng	99
79) Butylbenzylphthalate	13.55	149	868768	39.87	ng	93
80) Benzo(a)anthracene	14.12	228	1640292	37.02	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	660486	41.42	ng #	99
82) Chrysene	14.16	228	1365718	33.11	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1162316	36.55	ng #	99
84) Di-n-octyl phthalate	14.73	149	1892849	38.44	ng #	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1296801	37.76	ng	97
87) Benzo(b)fluoranthene	15.17	252	1647822	44.29	ng #	95
88) Benzo(k)fluoranthene	15.17	252	1647822	49.72	ng	99
89) Benzo(a)pyrene	15.55	252	1366111	41.81	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	1131921	40.79	ng #	95
91) Benzo(g,h,i)perylene	17.54	276	1037861	40.44	ng	98

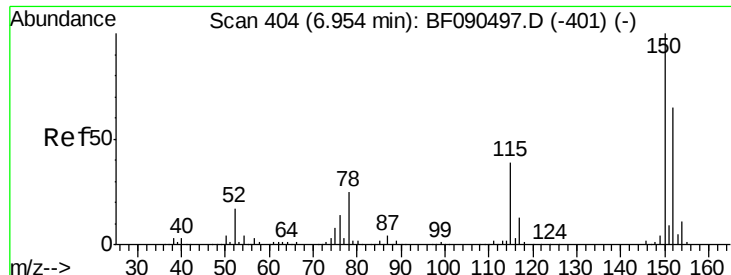
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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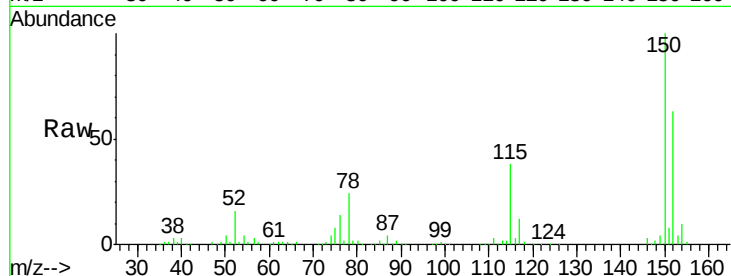




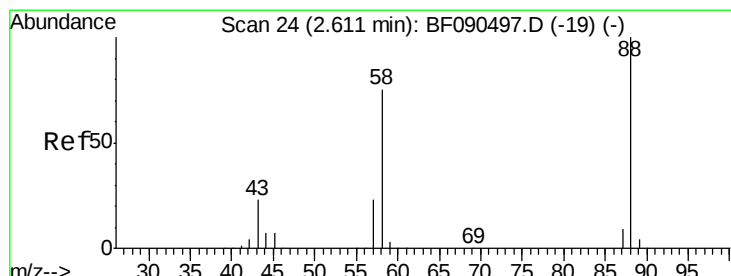
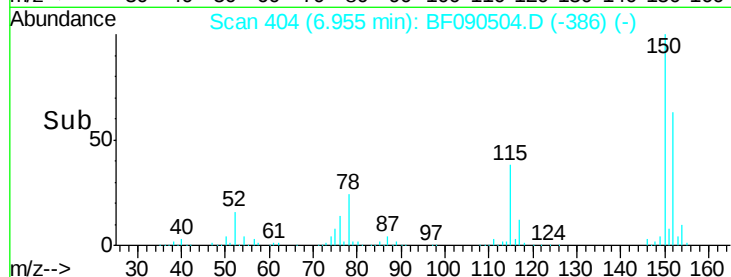
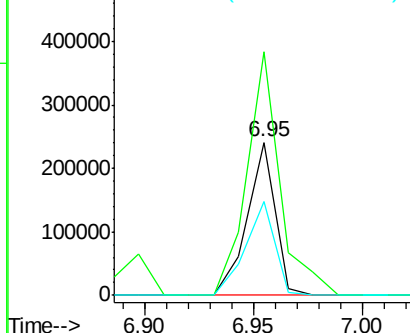
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 214505
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 61.1 46.2 69.4

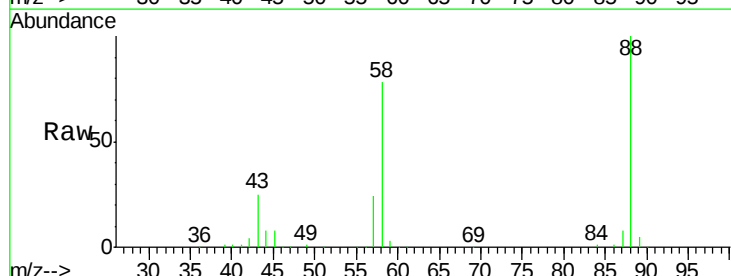


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

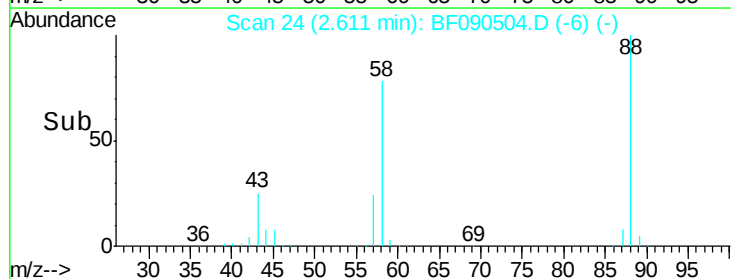
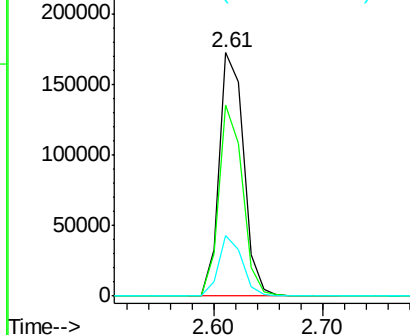


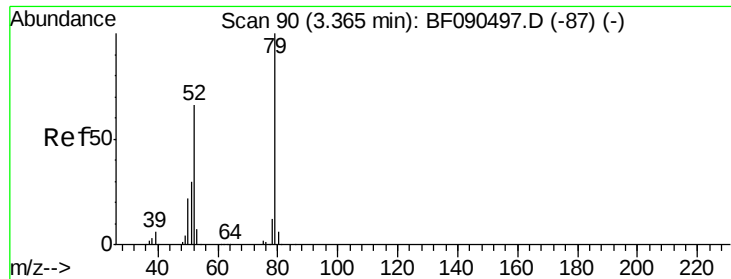
#2
 1,4-Dioxane
 Concen: 39.79 ng
 RT: 2.61 min Scan# 24
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion: 88 Resp: 269108
 Ion Ratio Lower Upper
 88 100
 58 75.9 71.2 106.8
 43 24.1 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

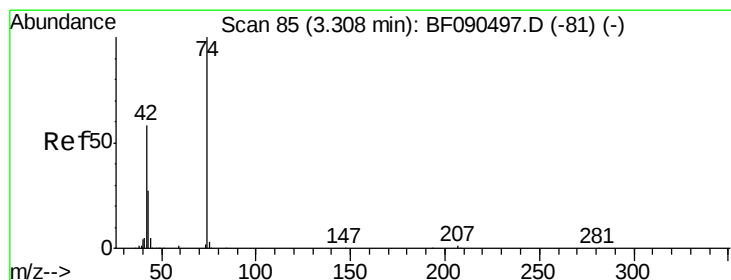
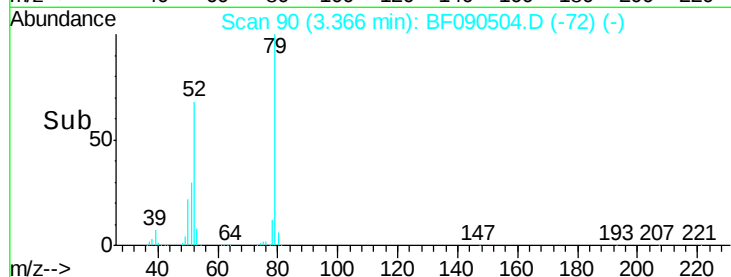
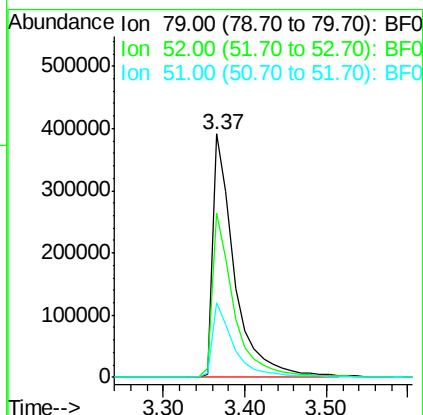
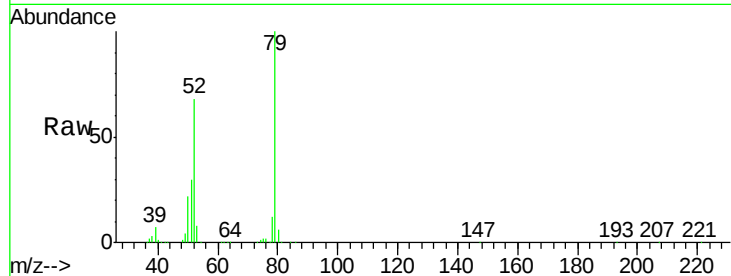




#3
 Pyridine
 Concen: 38.98 ng
 RT: 3.37 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

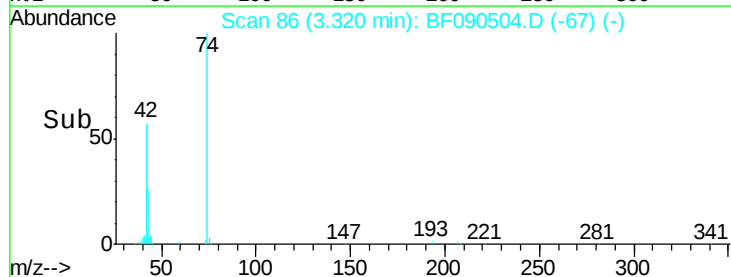
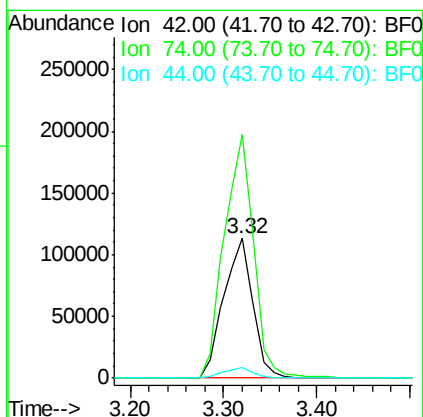
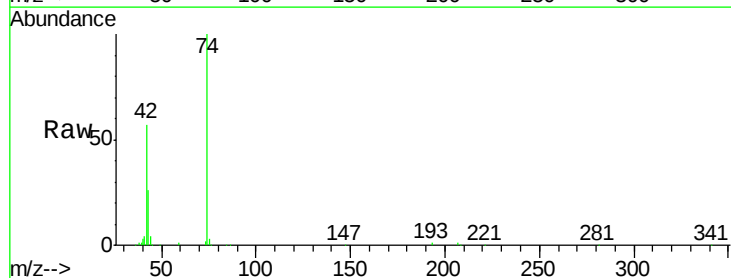
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

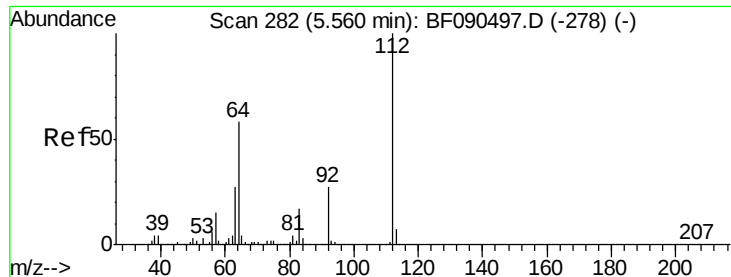
Tgt Ion: 79 Resp: 728600
 Ion Ratio Lower Upper
 79 100
 52 67.6 71.3 106.9#
 51 30.5 34.5 51.7#



#4
 n-Nitrosodimethylamine
 Concen: 40.37 ng
 RT: 3.32 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion: 42 Resp: 247336
 Ion Ratio Lower Upper
 42 100
 74 174.2 88.9 133.3#
 44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 83.79 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

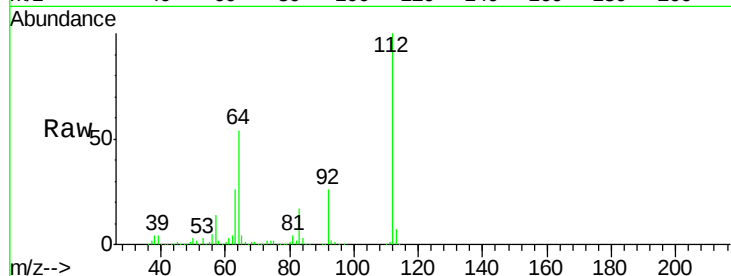
Tgt Ion: 112 Resp: 1155345

Ion Ratio Lower Upper

112 100

64 53.8 57.9 86.9#

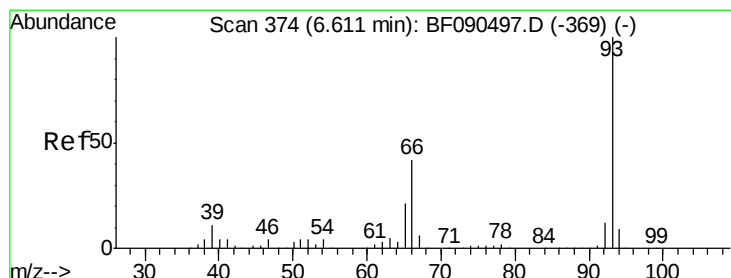
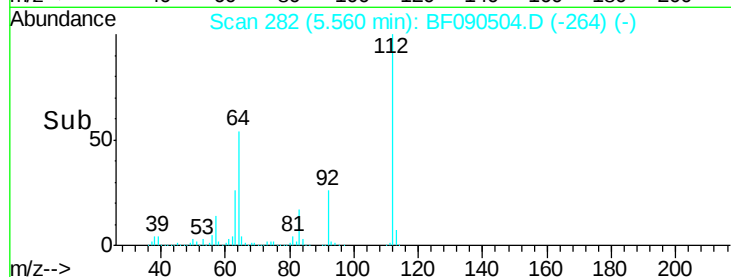
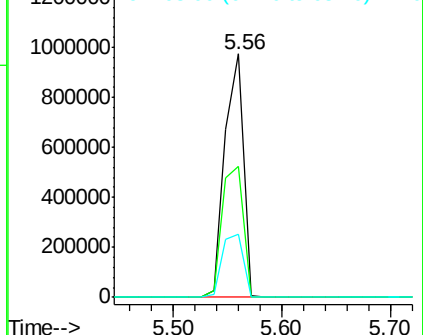
63 25.8 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.45 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

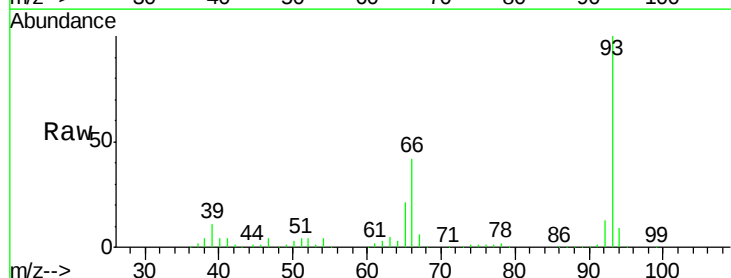
Tgt Ion: 93 Resp: 870791

Ion Ratio Lower Upper

93 100

66 42.0 34.5 51.7

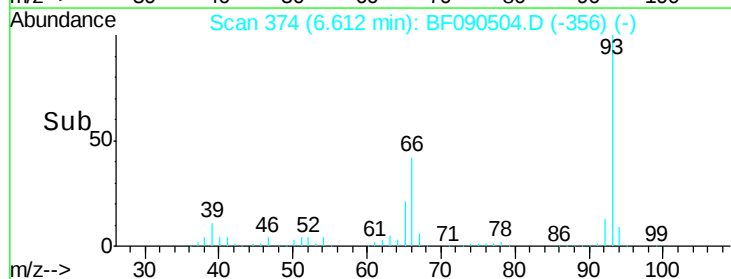
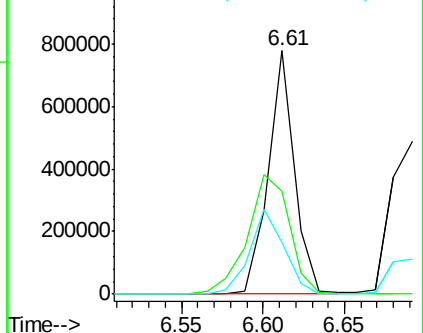
65 21.0 18.2 27.2

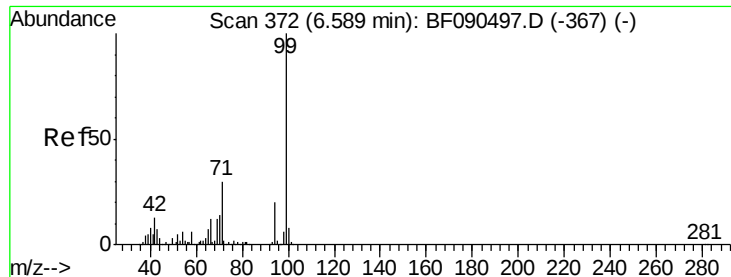


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.68 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

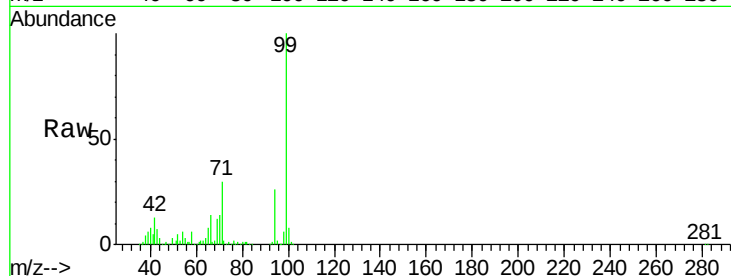
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1455980

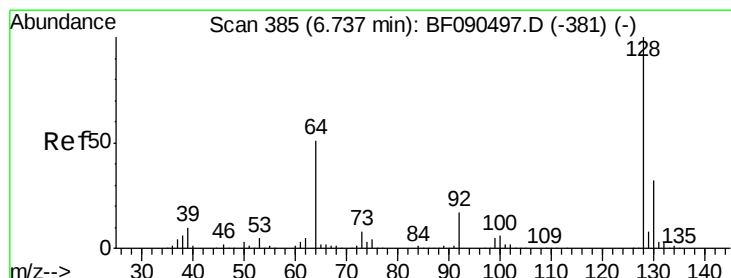
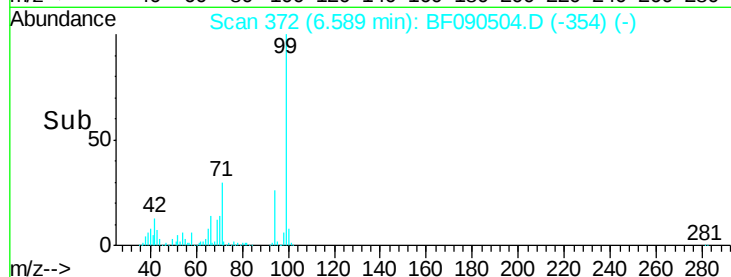
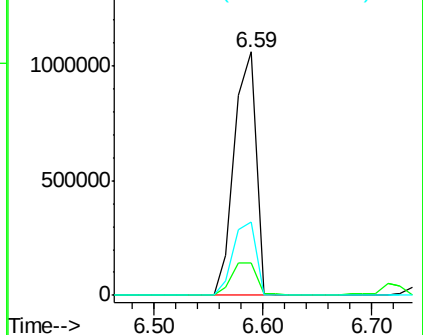
Ion	Ratio	Lower	Upper
99	100		
42	13.3	20.0	30.0#
71	29.9	27.9	41.9



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: 40.69 ng

RT: 6.74 min Scan# 385

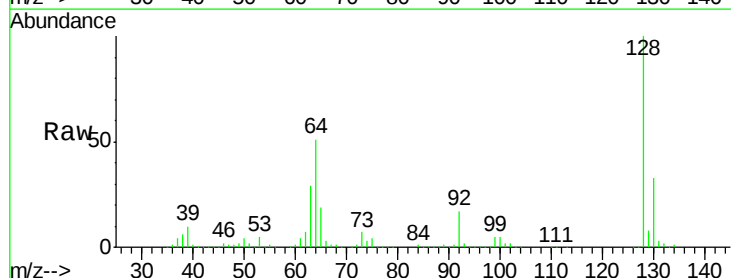
Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion: 128 Resp: 596764

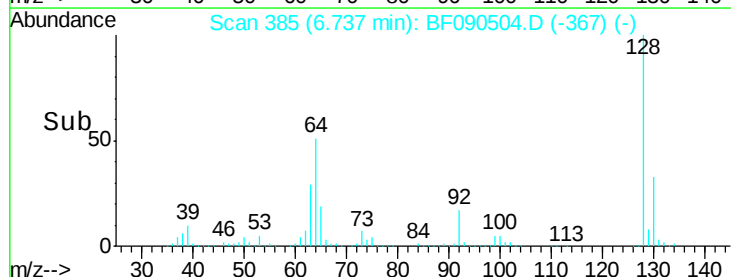
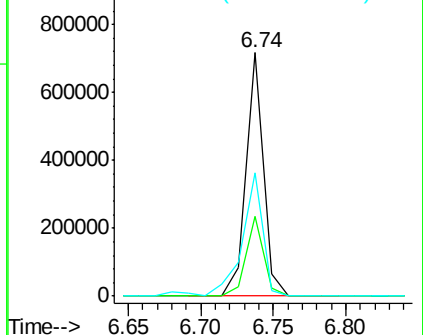
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	50.7	36.0	76.0

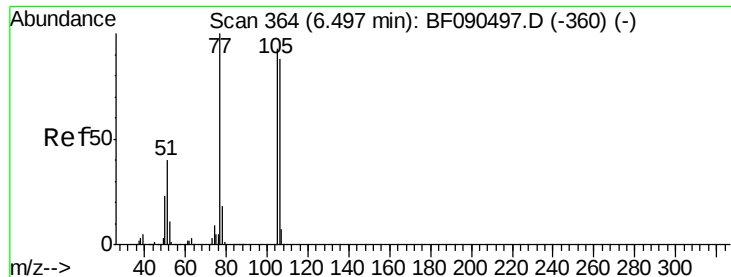


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.28 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

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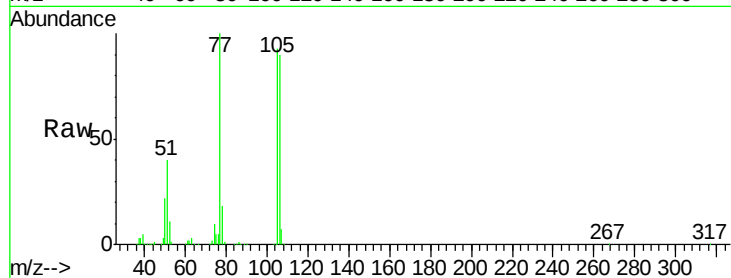
Tgt Ion: 77 Resp: 441553

Ion Ratio Lower Upper

77 100

105 92.8 73.1 113.1

106 89.7 70.2 110.2

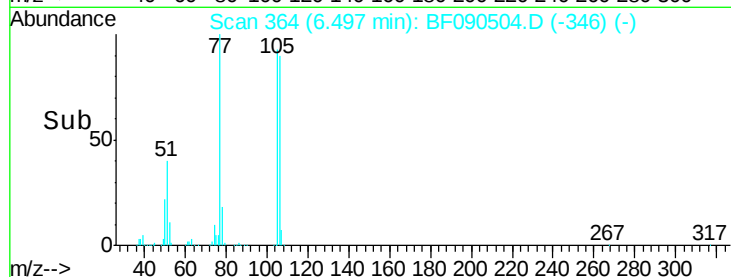


Abundance Ion 77.00 (76.70 to 77.70): BF0

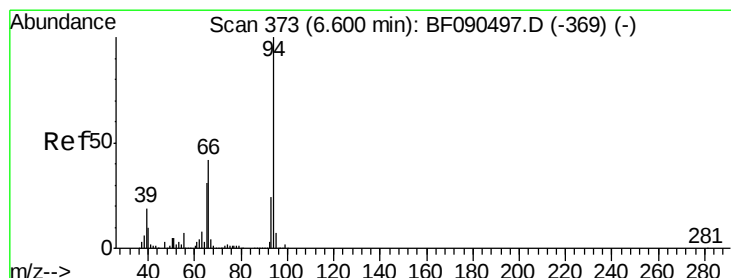
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.50



Time-->



#10

Phenol

Concen: 44.34 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

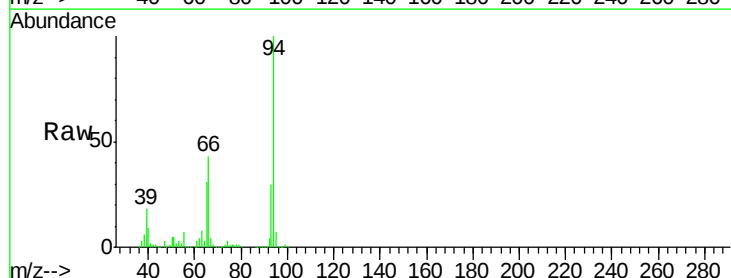
Tgt Ion: 94 Resp: 870319

Ion Ratio Lower Upper

94 100

65 30.9 13.3 53.3

66 43.3 20.4 60.4

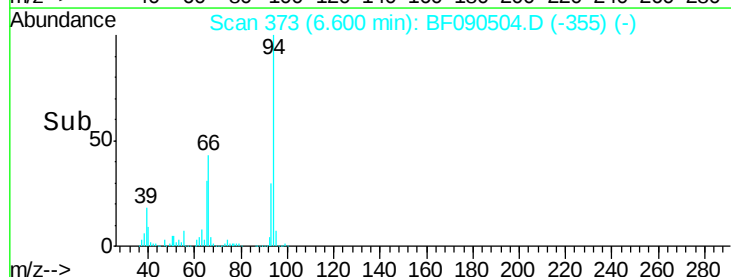


Abundance Ion 94.00 (93.70 to 94.70): BF0

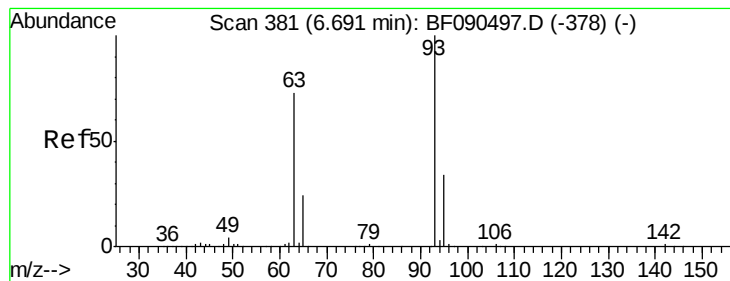
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.60



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 40.75 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

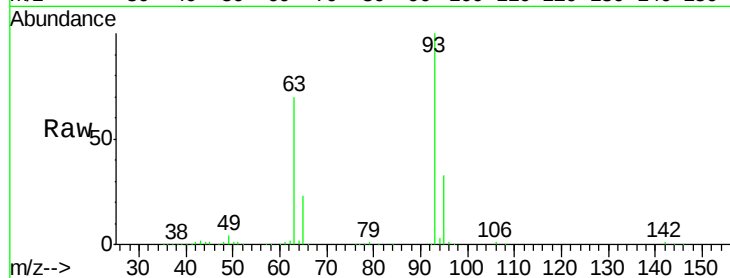
Tgt Ion: 93 Resp: 598635

Ion Ratio Lower Upper

93 100

63 70.1 59.7 99.7

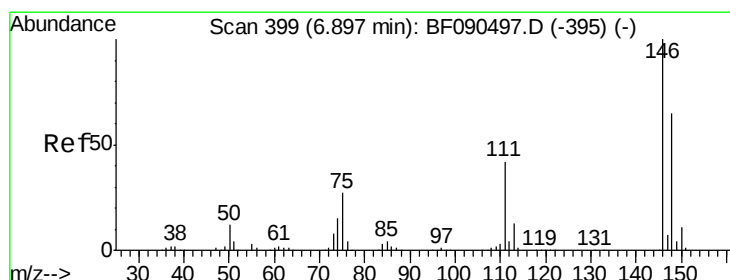
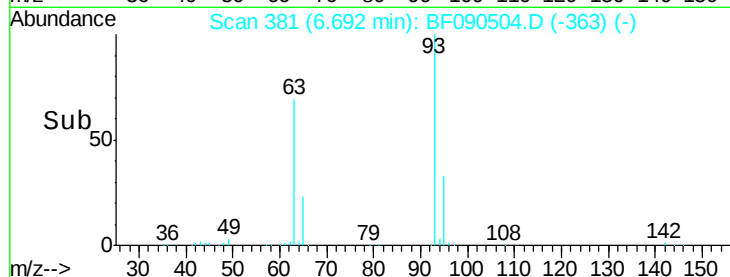
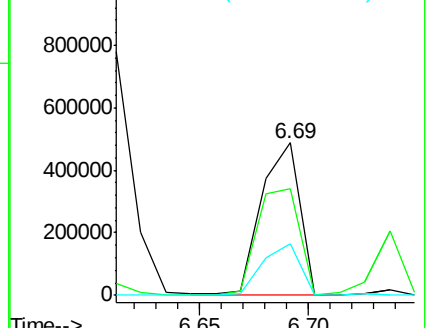
95 33.4 14.0 54.0



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: 40.21 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

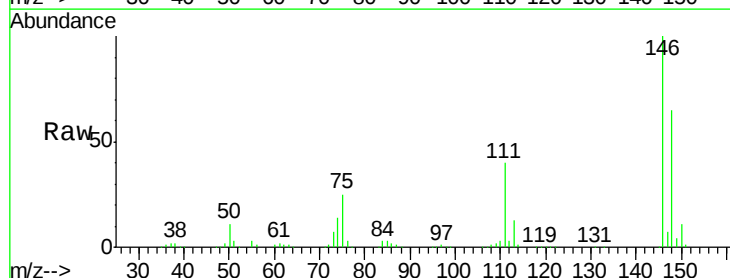
Tgt Ion: 146 Resp: 636273

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

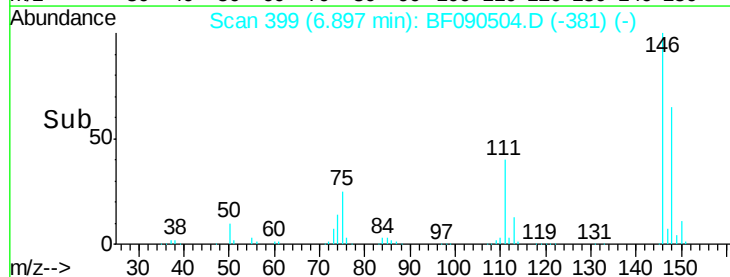
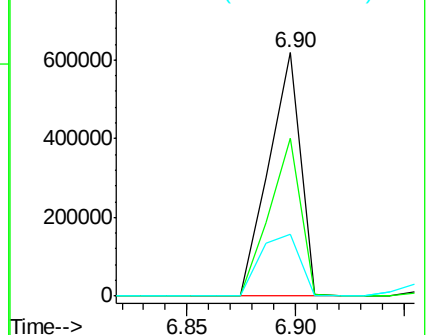
75 25.2 21.4 32.2

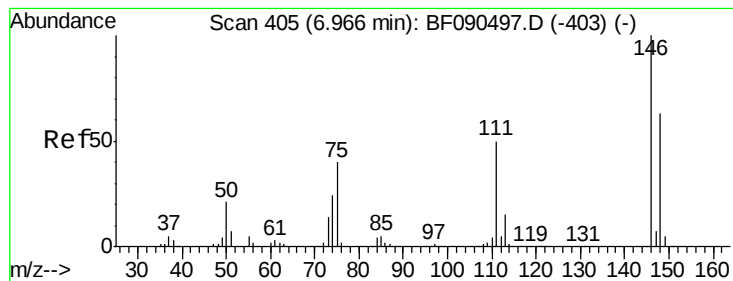


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.62 ng

RT: 6.97 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

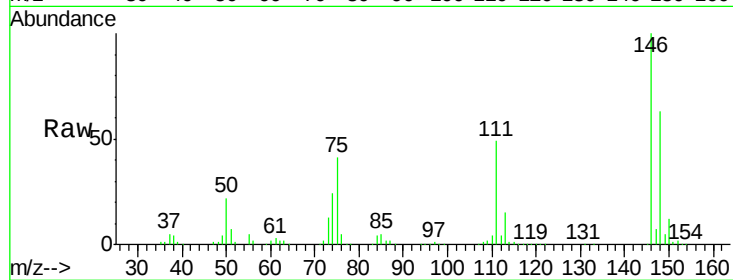
Tgt Ion:146 Resp: 607479

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

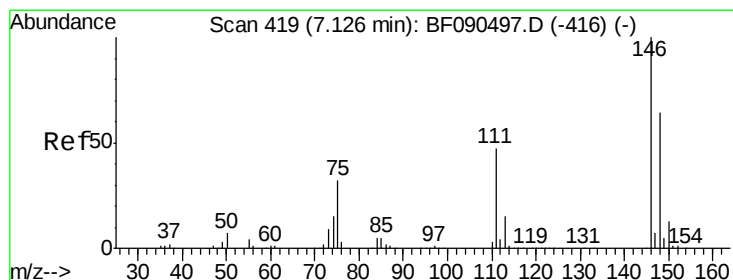
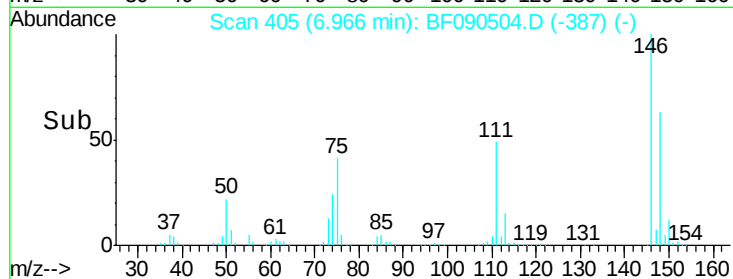
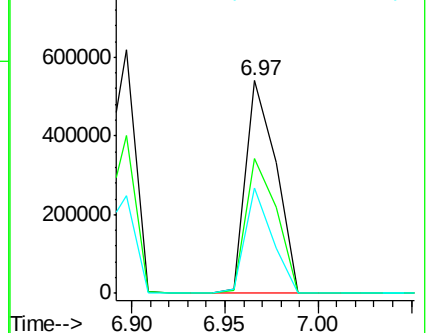
111 49.3 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.10 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

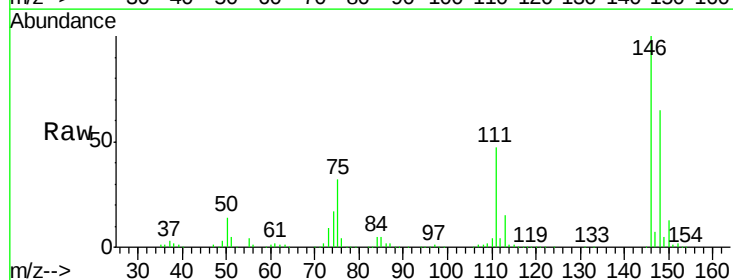
Tgt Ion:146 Resp: 632330

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

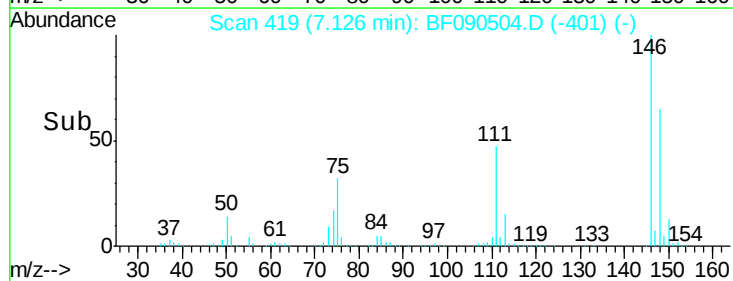
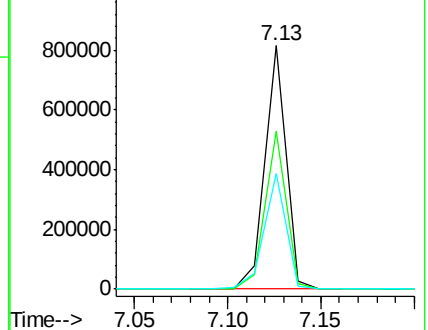
111 47.4 38.2 57.4

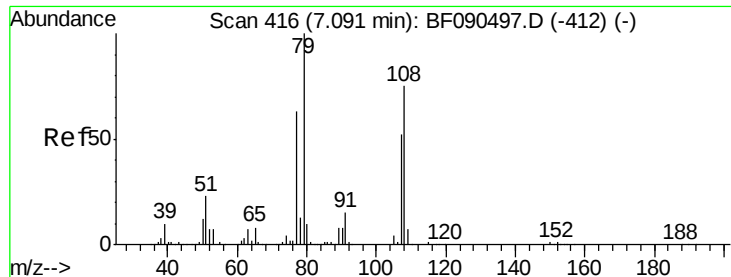


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.97 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

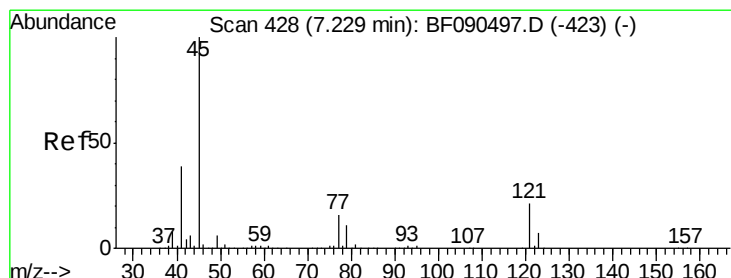
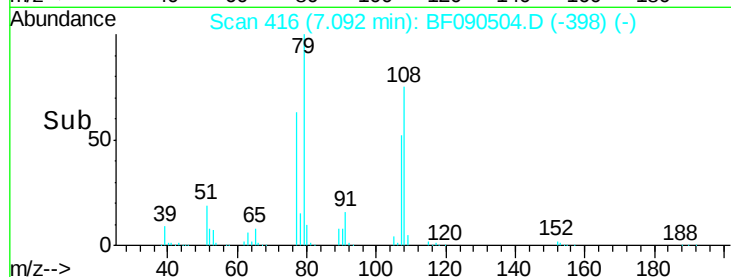
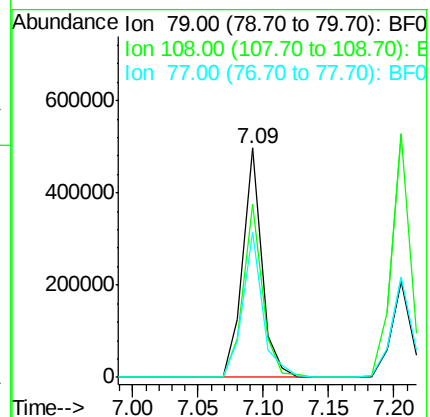
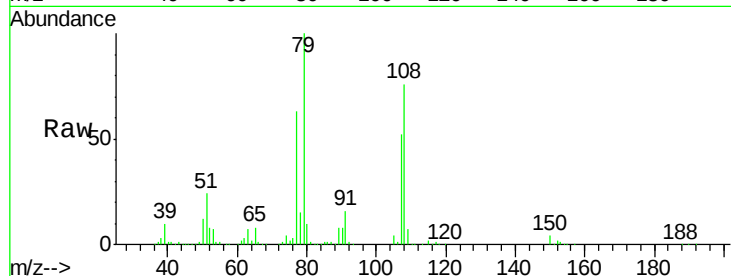
Tgt Ion: 79 Resp: 507234

Ion Ratio Lower Upper

79 100

108 75.6 60.9 91.3

77 63.3 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.92 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

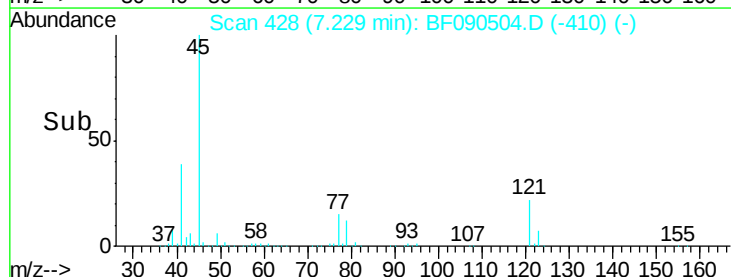
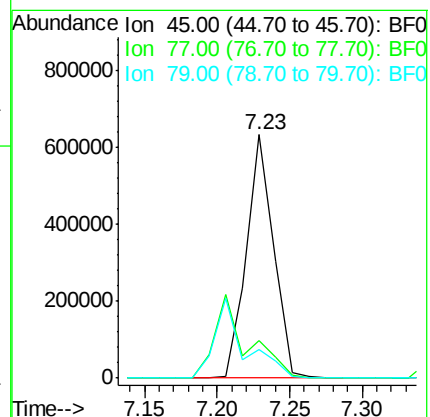
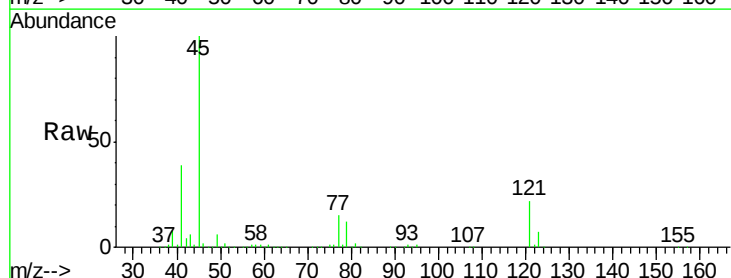
Tgt Ion: 45 Resp: 819488

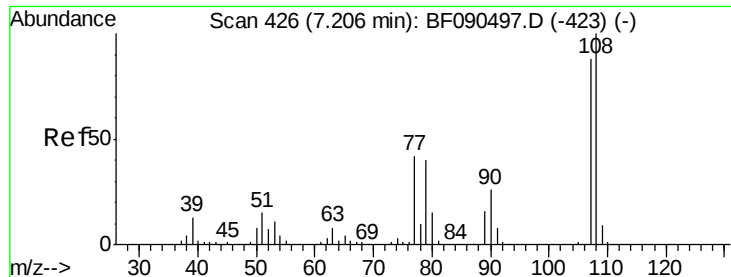
Ion Ratio Lower Upper

45 100

77 15.4 0.0 30.8

79 11.7 0.0 28.2





#17

2-Methylphenol

Concen: 38.48 ng

RT: 7.21 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 459071

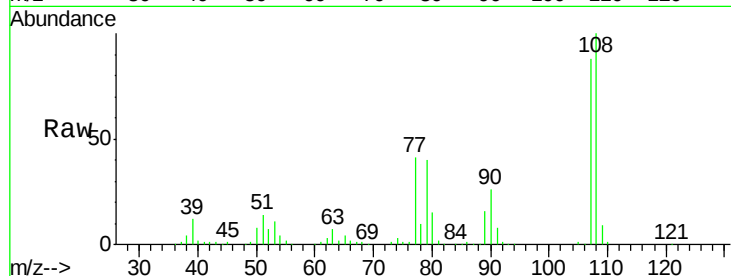
Ion Ratio Lower Upper

107 100

108 114.1 90.9 136.3

77 47.0 38.2 57.4

79 45.2 37.0 55.4

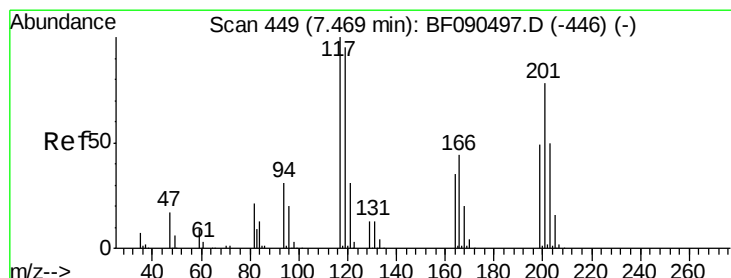
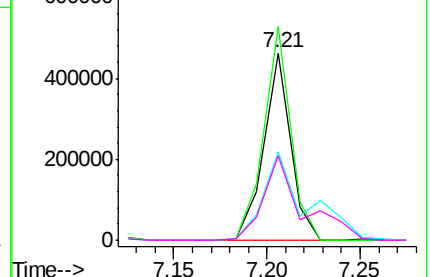
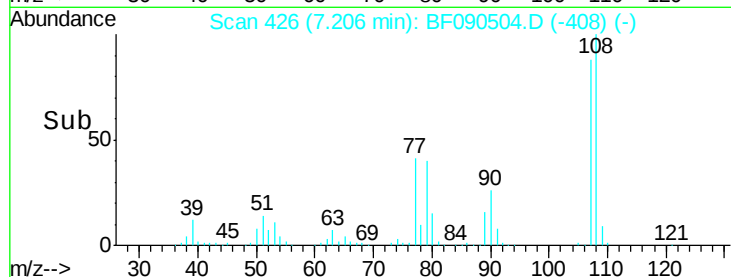


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.60 ng

RT: 7.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

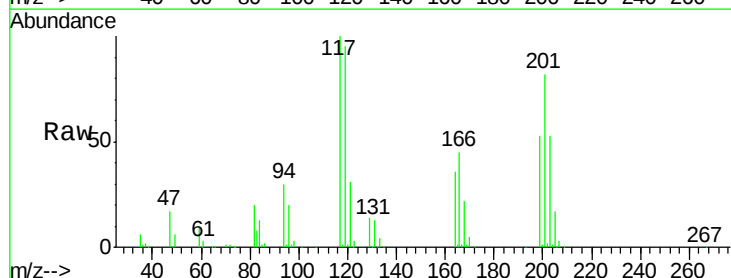
Tgt Ion:117 Resp: 241935

Ion Ratio Lower Upper

117 100

119 95.4 75.9 113.9

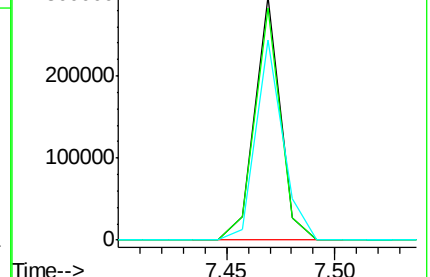
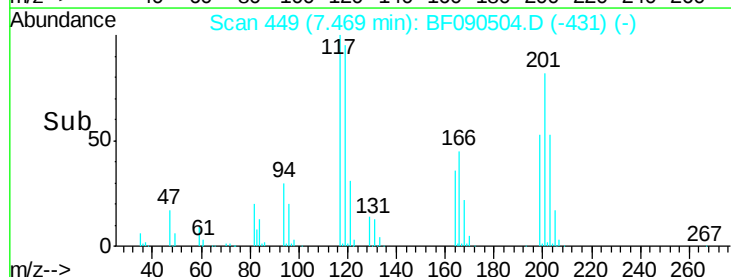
201 82.2 66.5 99.7

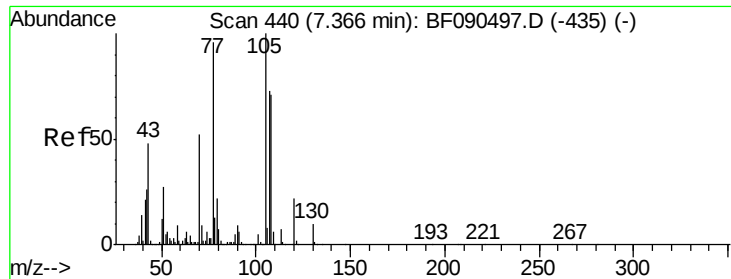


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

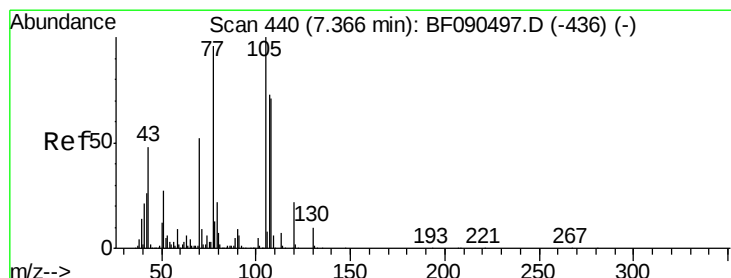
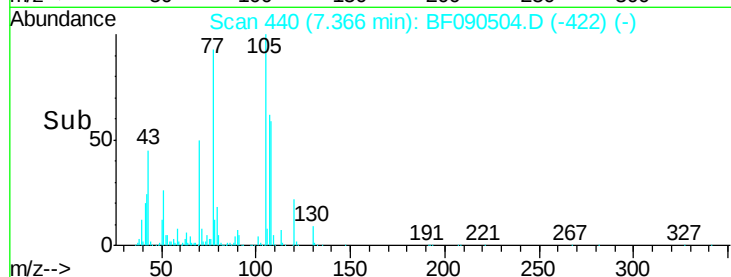
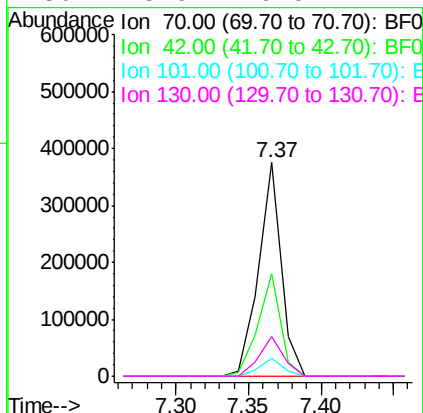
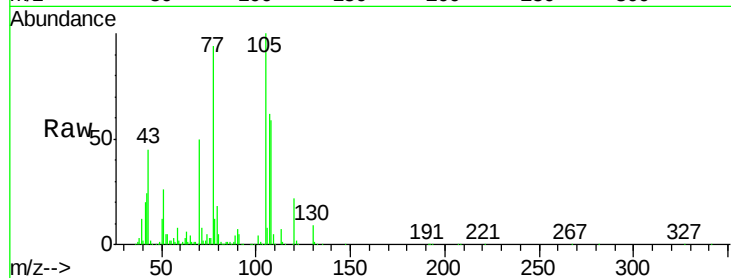




#19
n-Nitroso-di-n-propylamine
Concen: 36.69 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

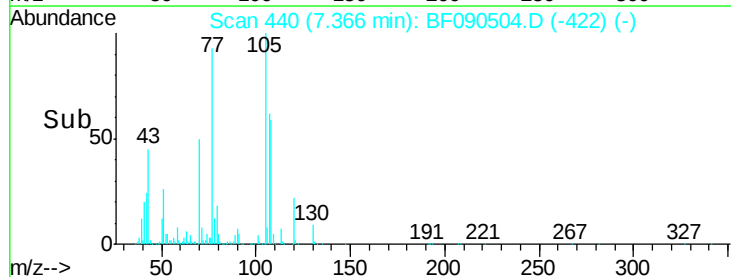
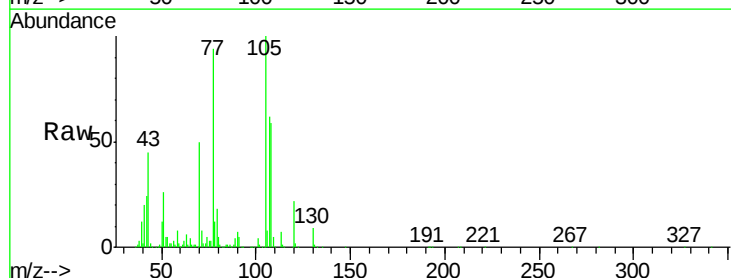
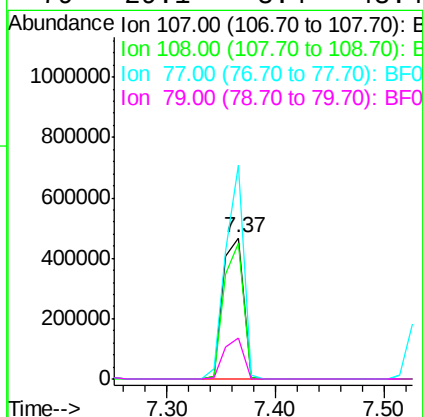
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

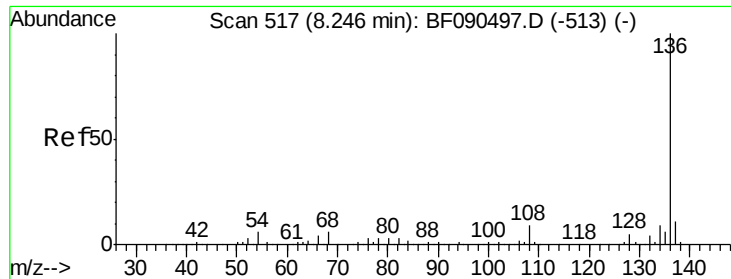
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.1	55.4	83.2#
101	8.6	7.6	11.4
130	18.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 40.44 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	66.7	106.7
77	151.3	53.7	93.7#
79	29.1	8.4	48.4

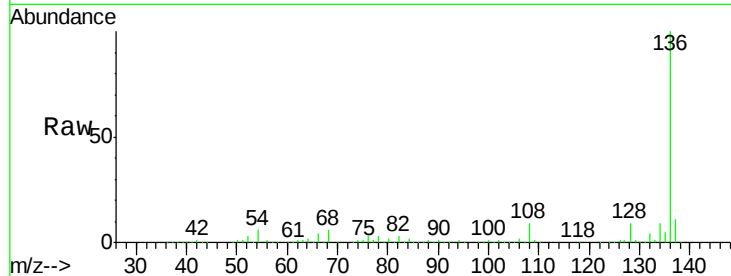




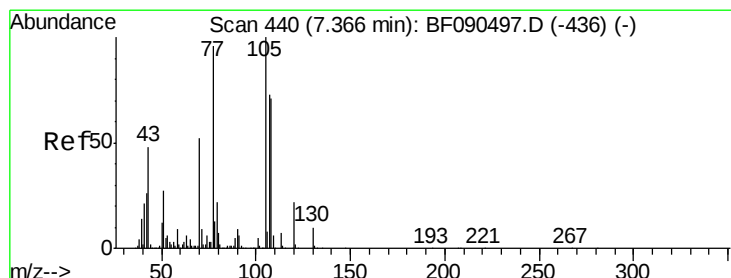
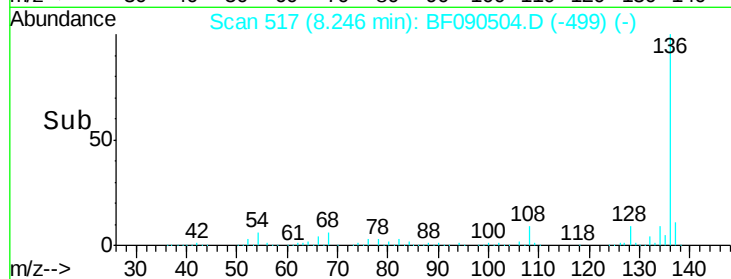
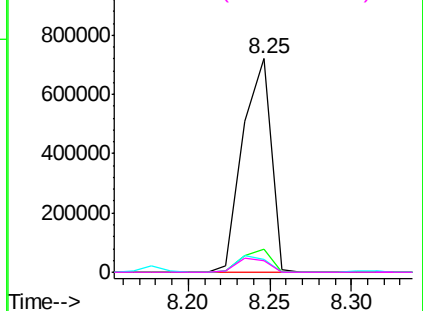
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	867572
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	6.0	6.6	10.0#
68	5.7	5.0	7.6

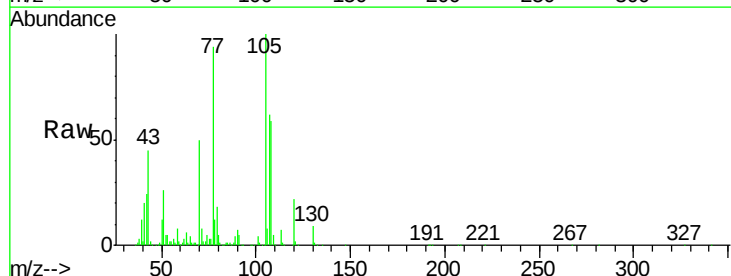


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

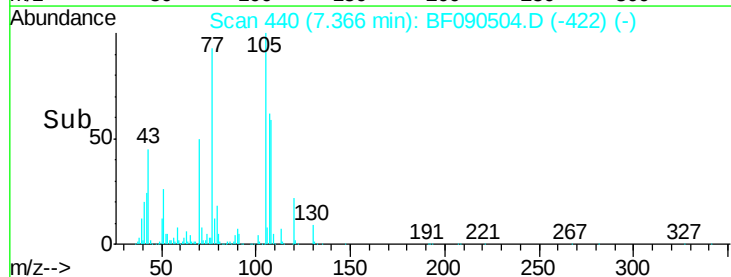
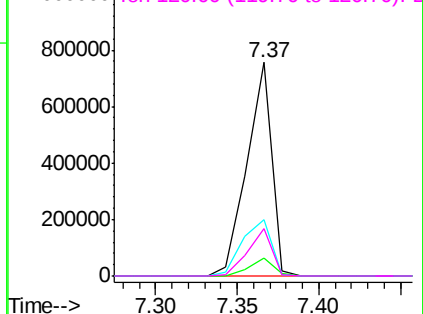


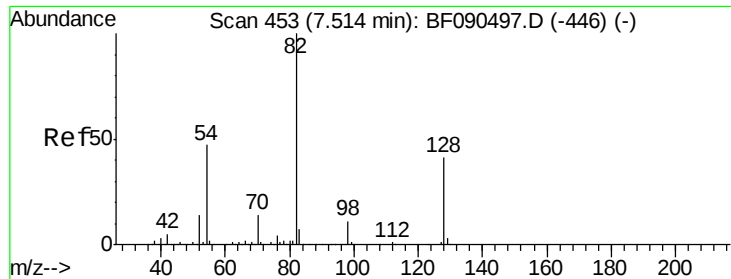
#22
Acetophenone
Concen: 41.75 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:	105	Resp:	797422
Ion Ratio	Lower	Upper	
105	100		
71	8.5	3.8	5.6#
51	26.5	28.2	42.4#
120	22.0	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

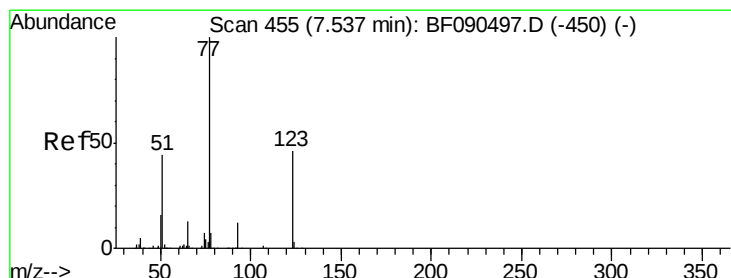
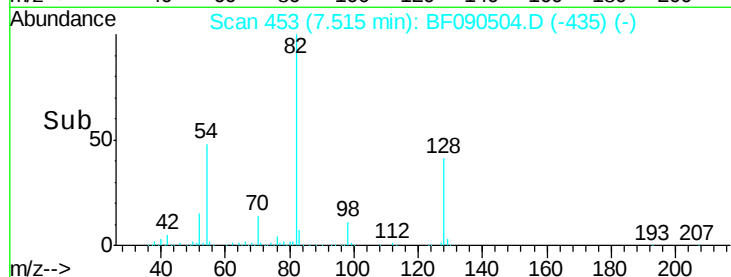
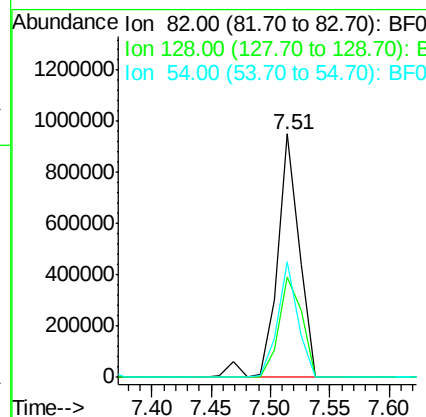
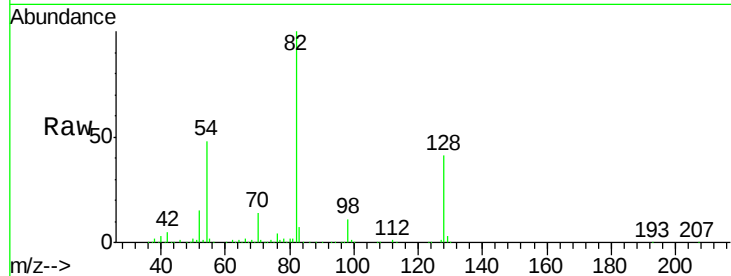




#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

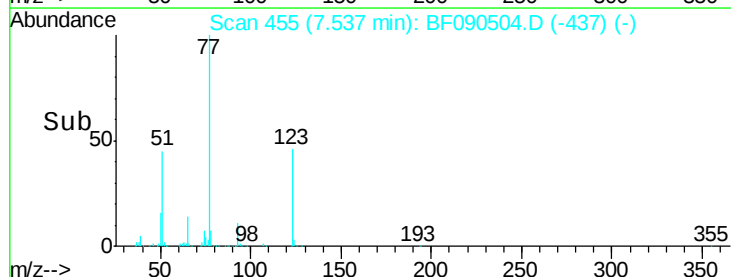
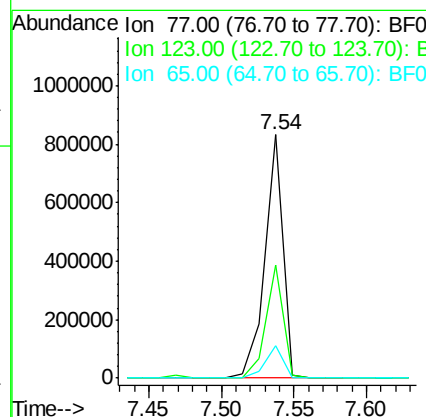
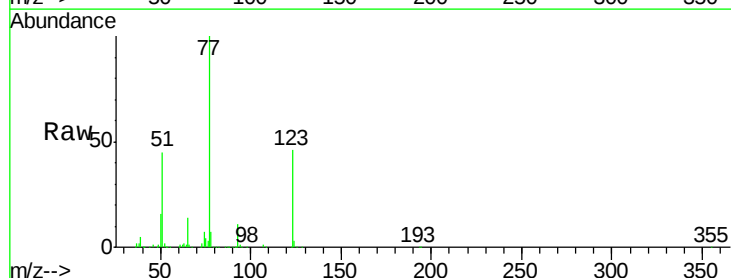
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

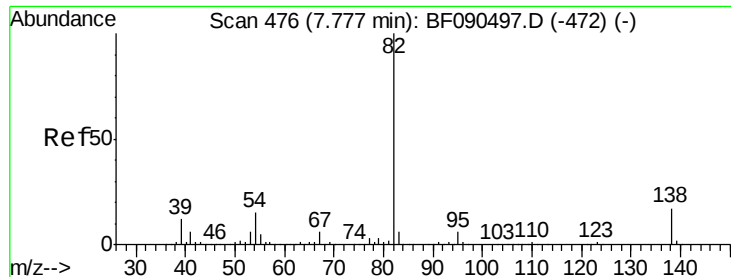
Tgt Ion: 82 Resp: 1218744
 Ion Ratio Lower Upper
 82 100
 128 41.2 40.0 60.0
 54 47.5 42.6 64.0



#24
 Nitrobenzene
 Concen: 41.61 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion: 77 Resp: 713887
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.0 49.4
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 38.65 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

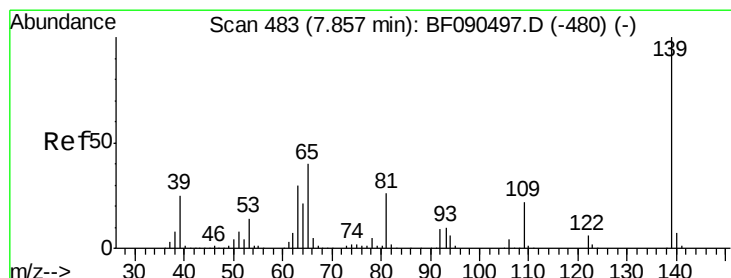
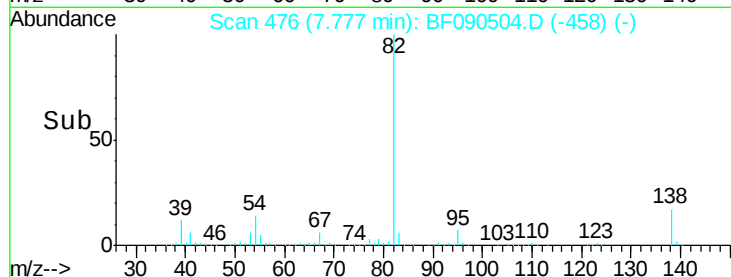
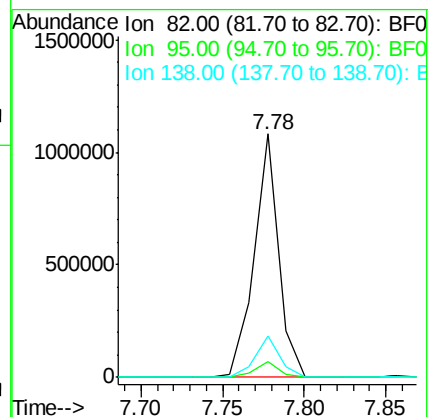
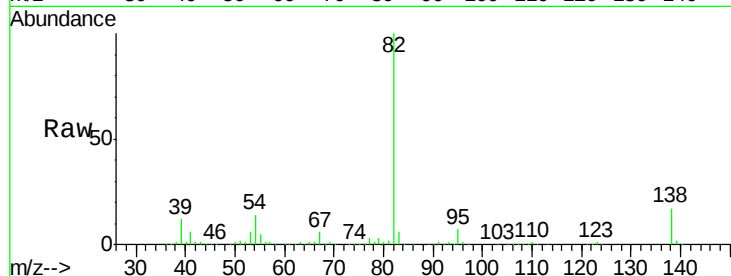
Tgt Ion: 82 Resp: 1125033

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.9 13.0 19.4



#26

2-Nitrophenol

Concen: 42.17 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

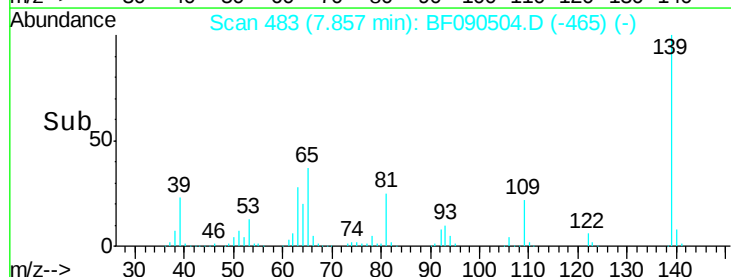
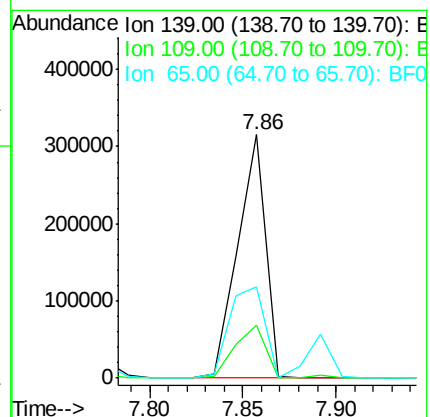
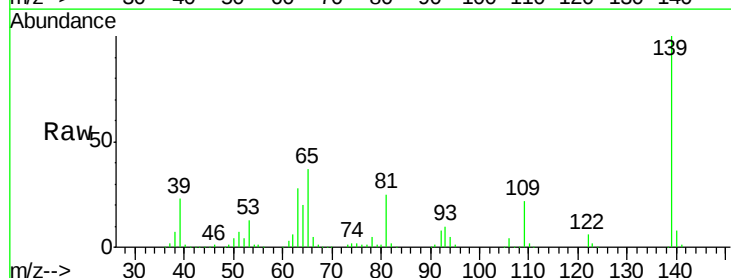
Tgt Ion: 139 Resp: 330089

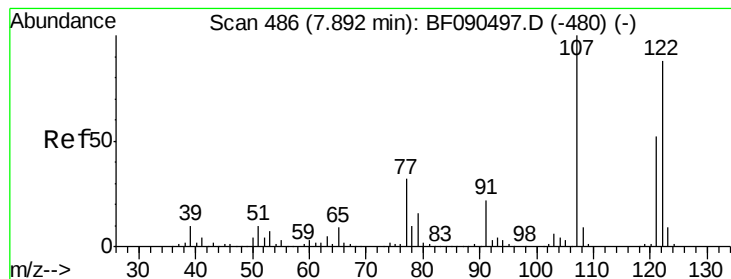
Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

65 37.5 31.6 47.4

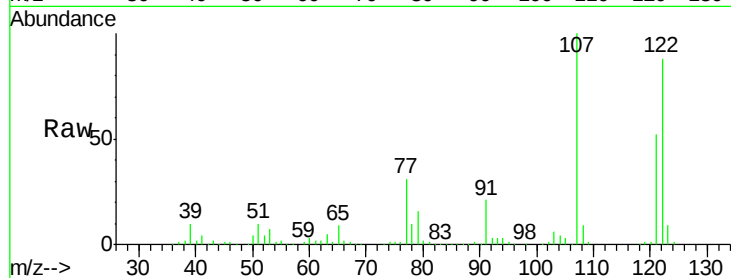




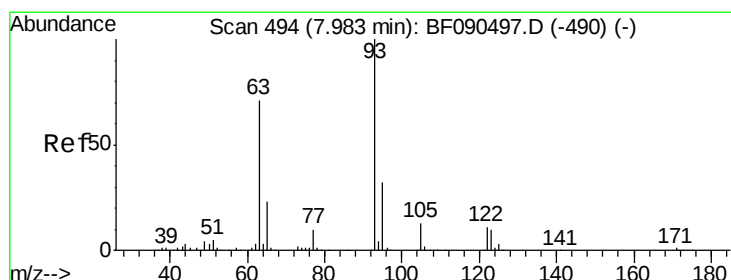
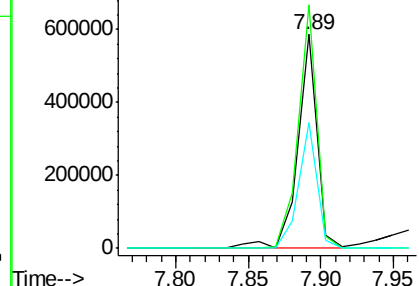
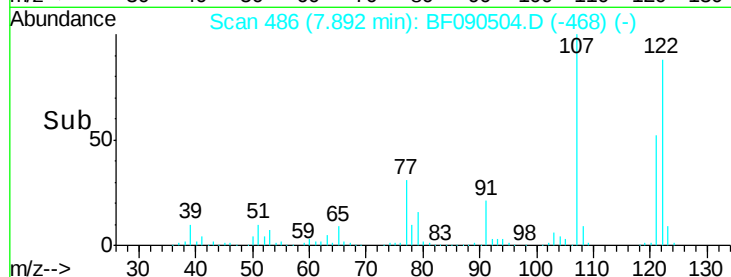
#27
 2,4-Dimethylphenol
 Concen: 40.69 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 122 Resp: 541376
 Ion Ratio Lower Upper
 122 100
 107 113.9 88.6 132.8
 121 59.1 47.5 71.3

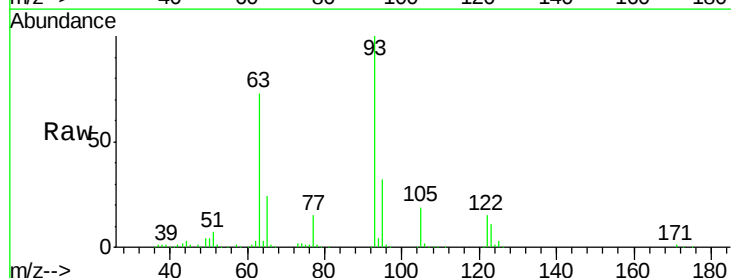


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

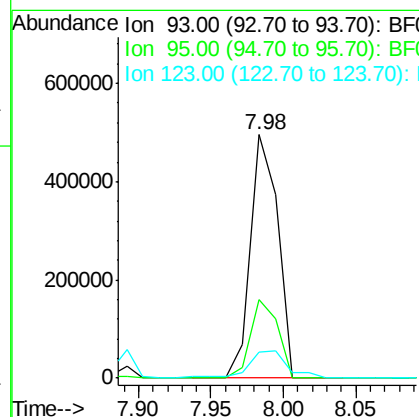
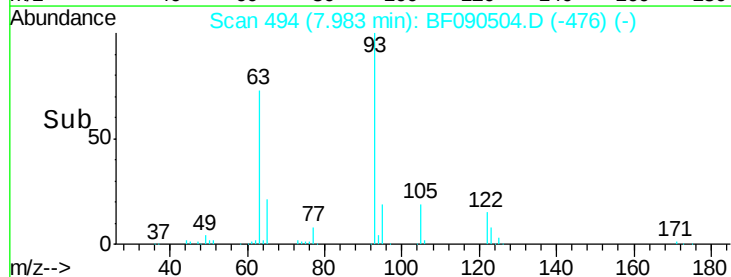


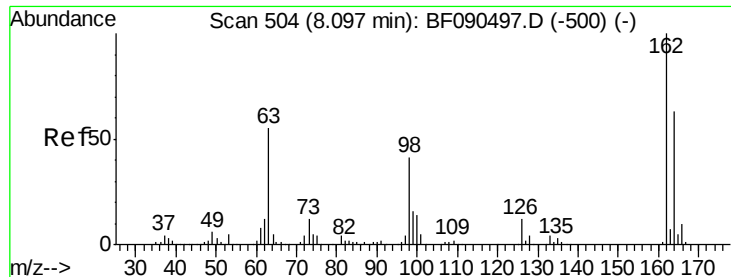
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.84 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion: 93 Resp: 644287
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.0 40.4
 123 10.8 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

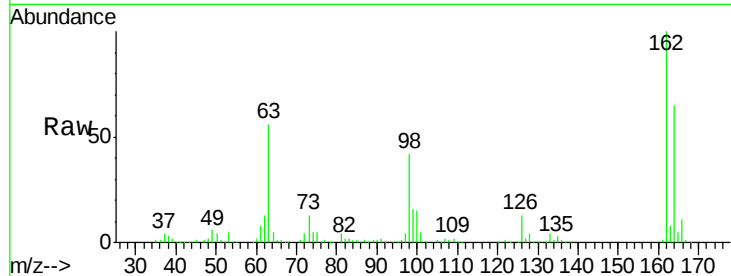




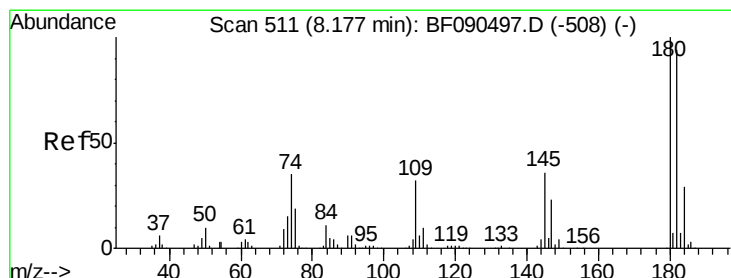
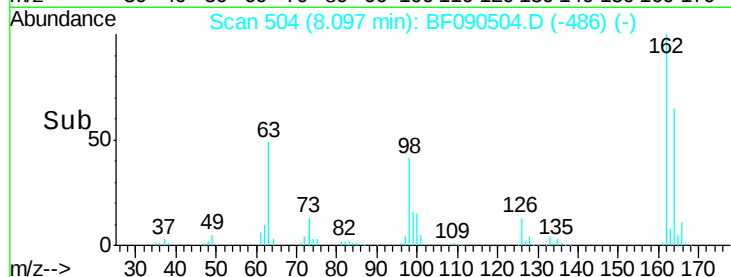
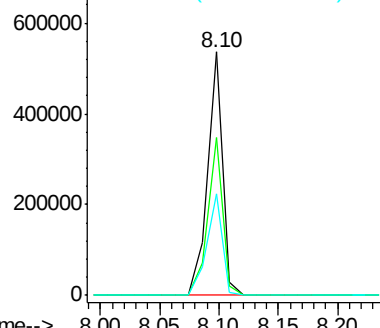
#29
2,4-Dichlorophenol
Concen: 42.30 ng
RT: 8.10 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 470702
Ion Ratio Lower Upper
162 100
164 65.0 45.7 85.7
98 41.6 13.3 53.3

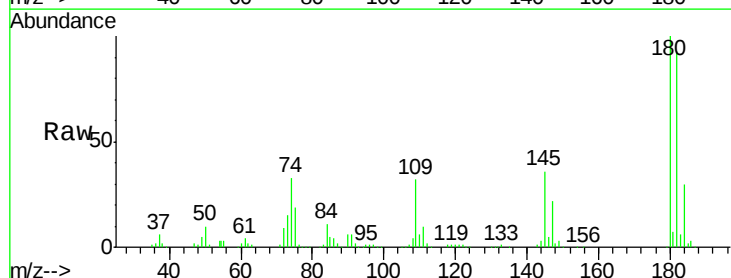


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

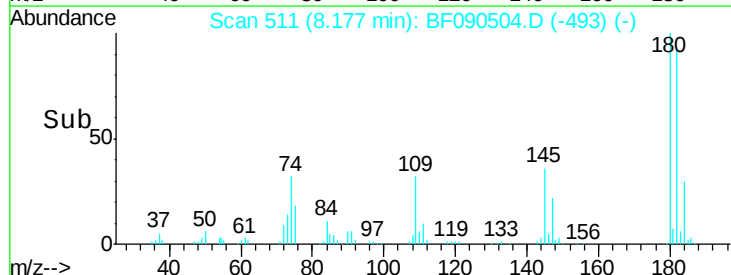
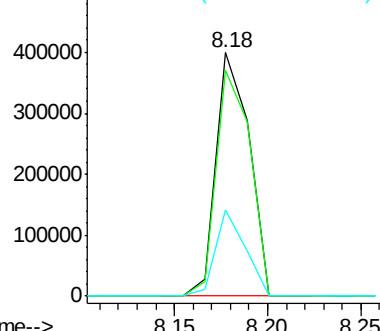


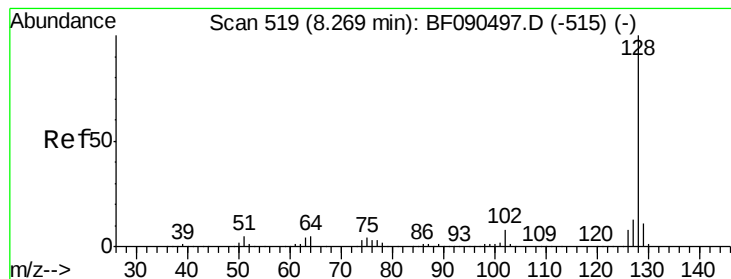
#30
1,2,4-Trichlorobenzene
Concen: 38.38 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:180 Resp: 490576
Ion Ratio Lower Upper
180 100
182 92.6 75.3 112.9
145 35.6 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: 38.83 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

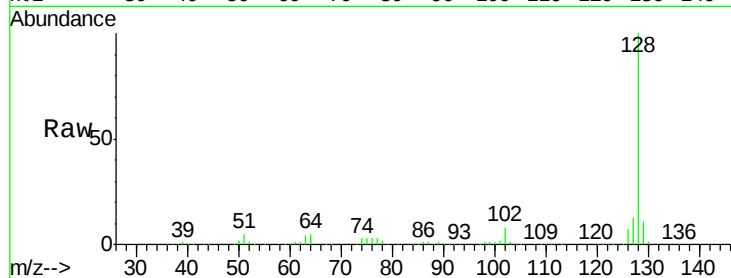
Tgt Ion:128 Resp: 1678281

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

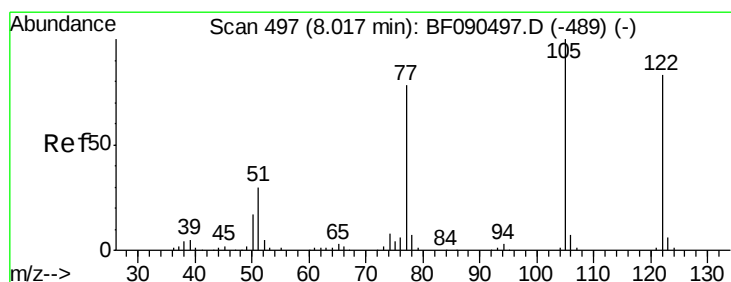
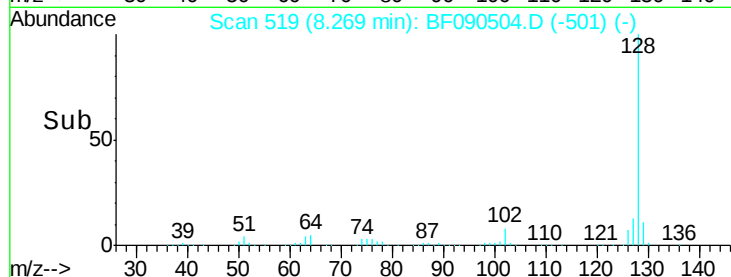
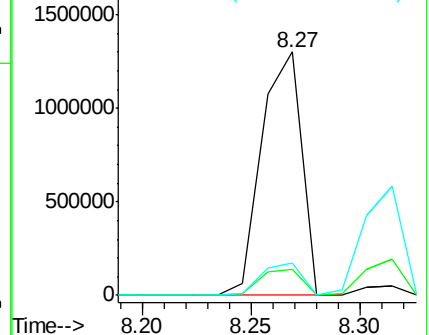
127 13.3 11.7 17.5



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: 41.85 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

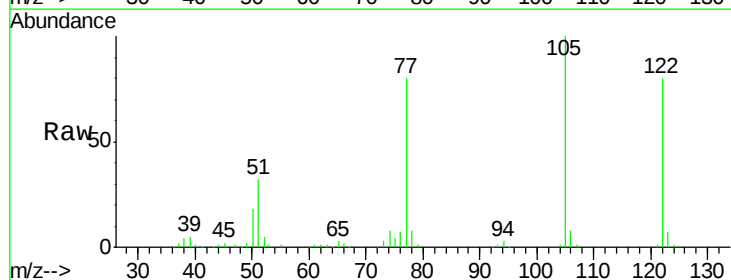
Tgt Ion:122 Resp: 439435

Ion Ratio Lower Upper

122 100

105 124.9 103.9 143.9

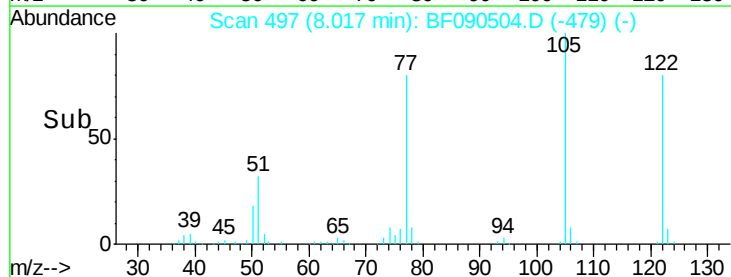
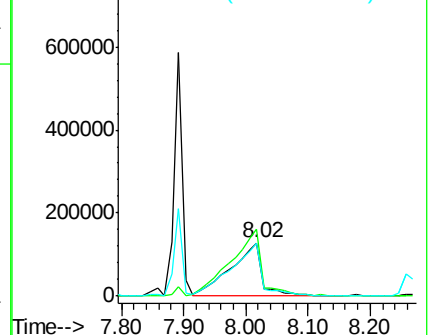
77 100.1 74.6 114.6

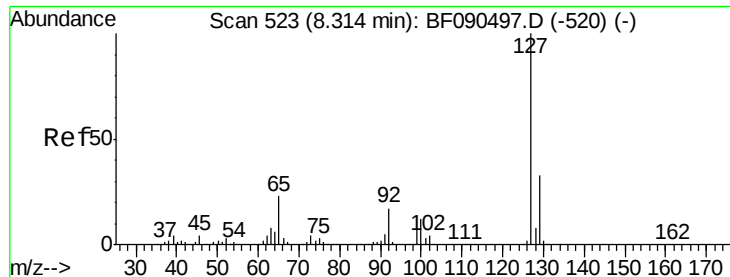


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

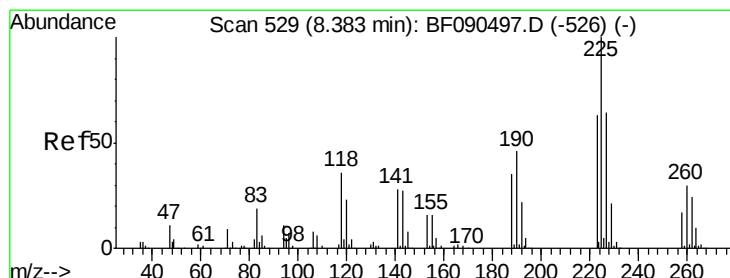
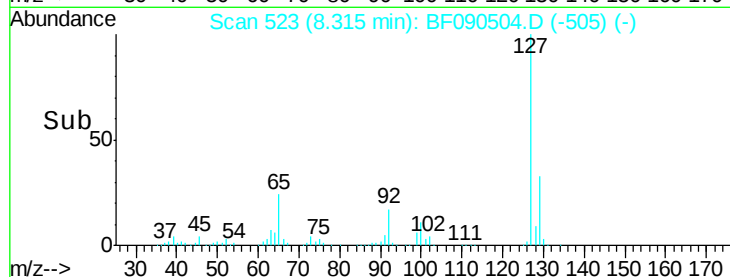
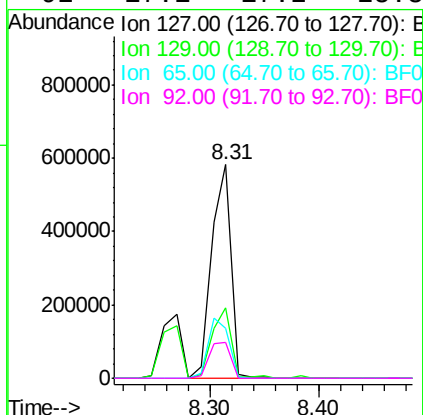
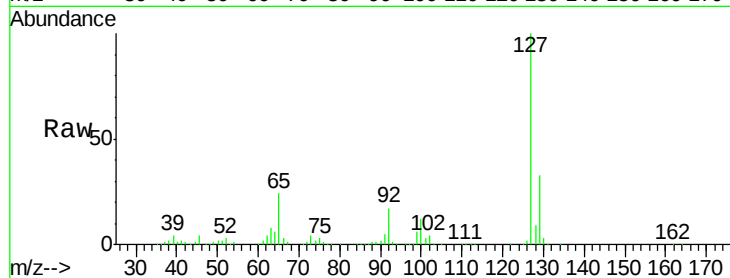




#33
4-Chloroaniline
Concen: 39.62 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

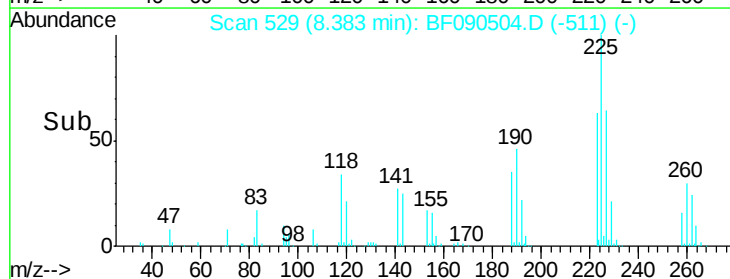
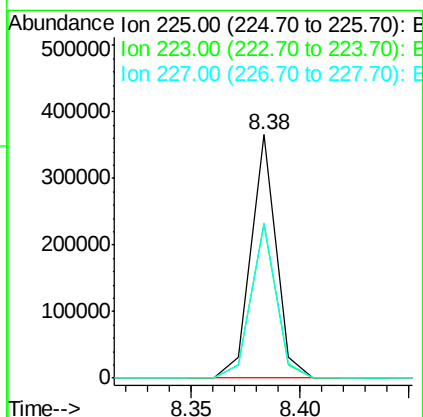
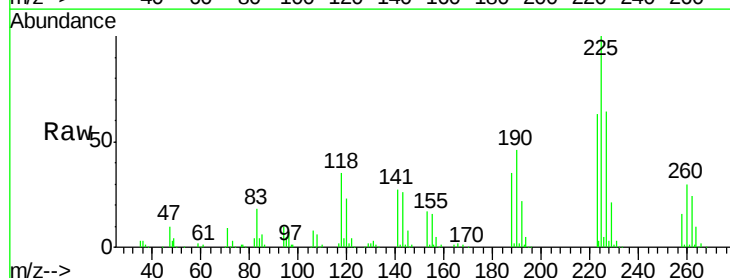
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

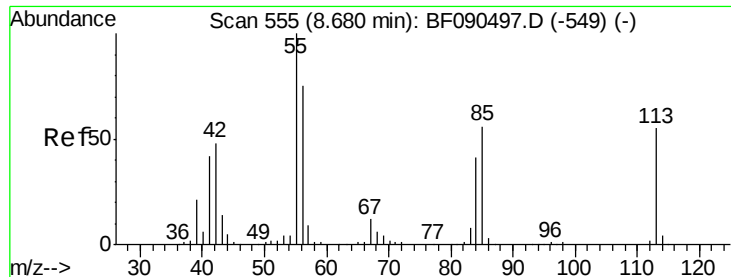
Tgt Ion:	127	Resp:	725010
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	23.6	32.5	48.7#
92	17.1	17.2	25.8#



#34
Hexachlorobutadiene
Concen: 41.17 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:	225	Resp:	294255
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	63.7	50.8	76.2

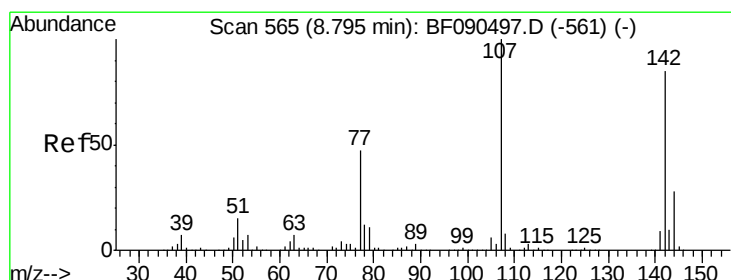
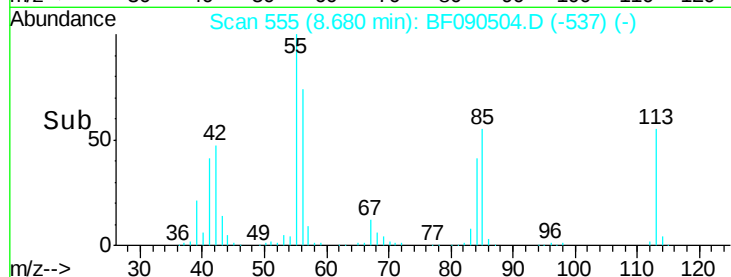
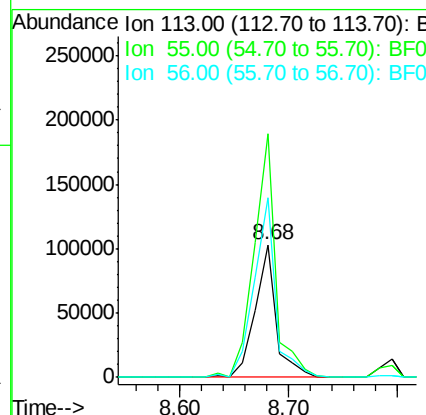
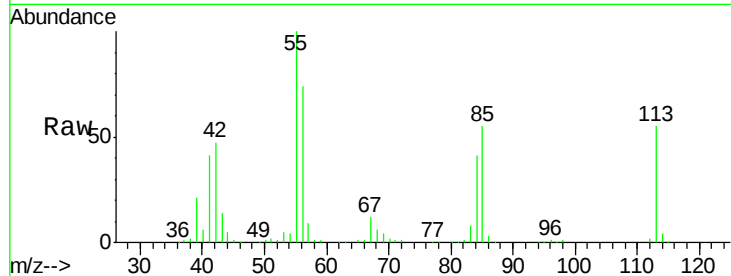




#35
 Caprolactam
 Concen: 38.76 ng
 RT: 8.68 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

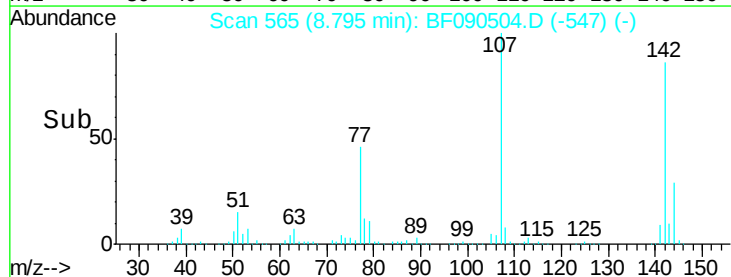
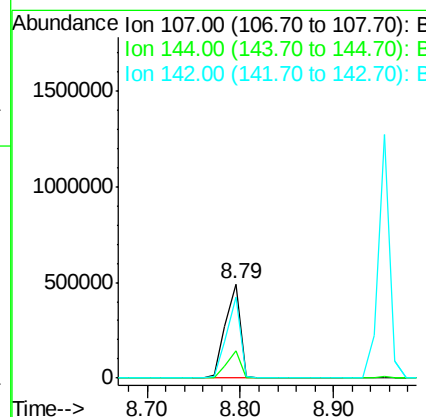
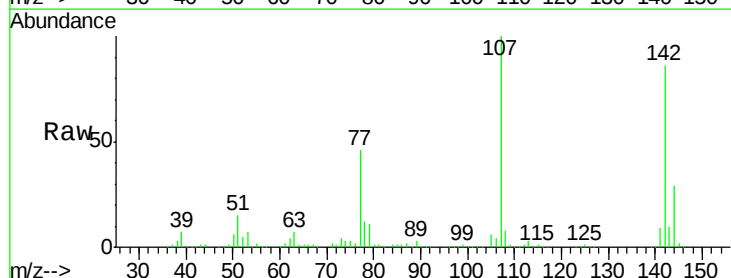
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

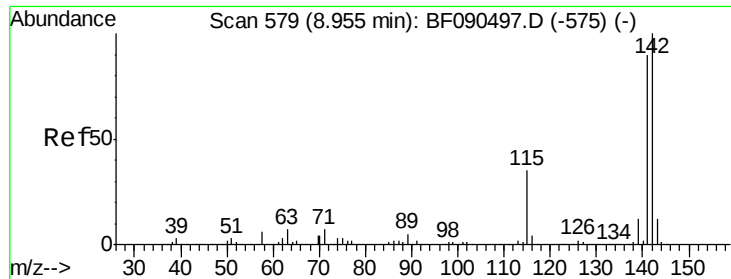
Tgt Ion:113 Resp: 139842
 Ion Ratio Lower Upper
 113 100
 55 183.2 203.3 243.3#
 56 134.7 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 41.73 ng
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:107 Resp: 542251
 Ion Ratio Lower Upper
 107 100
 144 28.6 19.8 29.8
 142 85.6 60.7 91.1

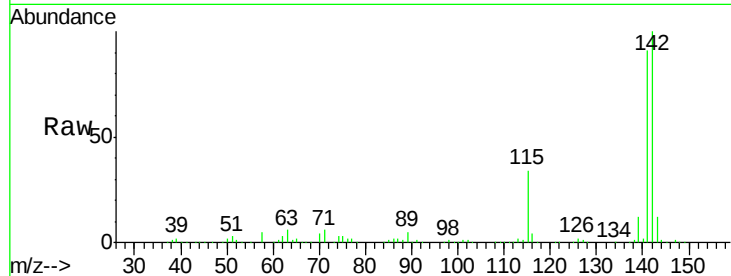




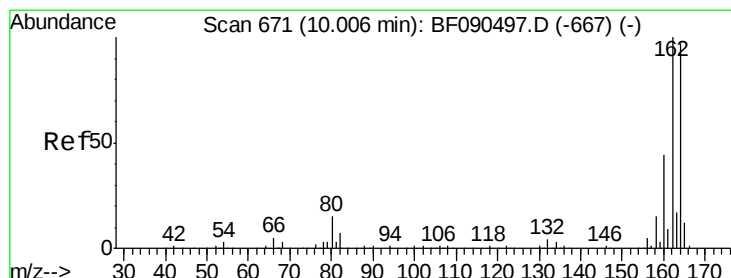
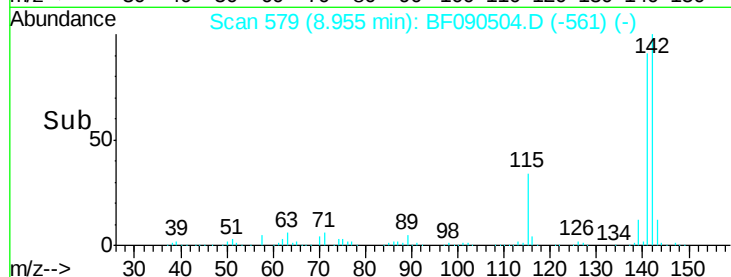
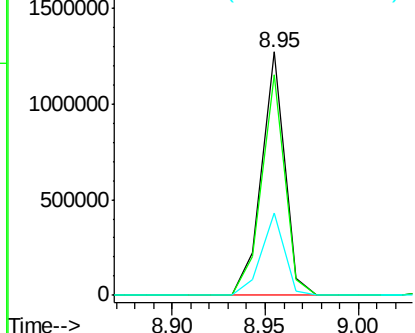
#37
 2-Methylnaphthalene
 Concen: 37.54 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 1088966
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.8 107.8
 115 33.8 28.8 43.2

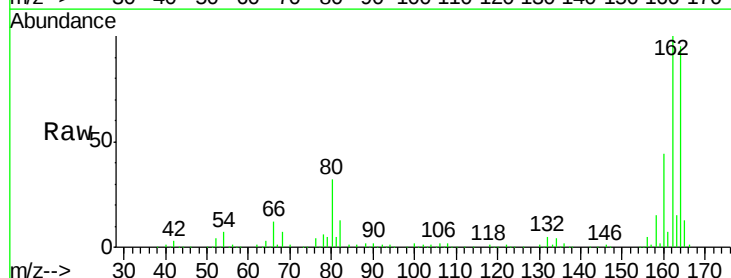


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

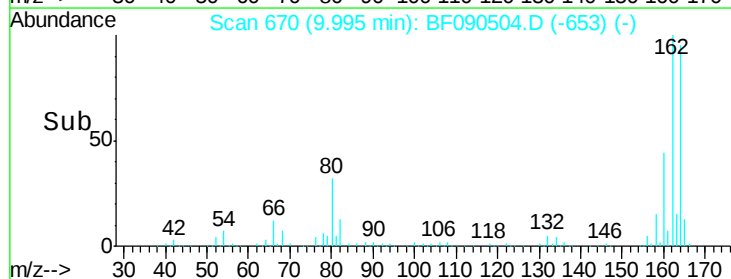
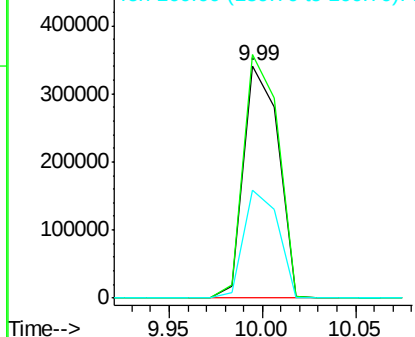


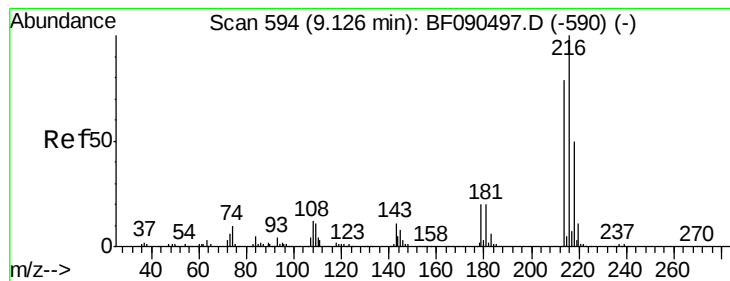
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:164 Resp: 440117
 Ion Ratio Lower Upper
 164 100
 162 104.9 80.1 120.1
 160 46.4 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: 41.98 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 517230

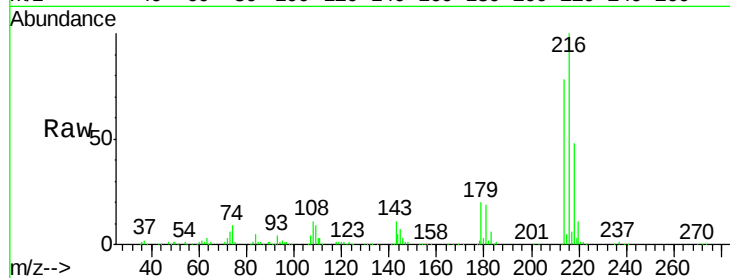
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 21.8 18.0 27.0

108 18.3 15.2 22.8

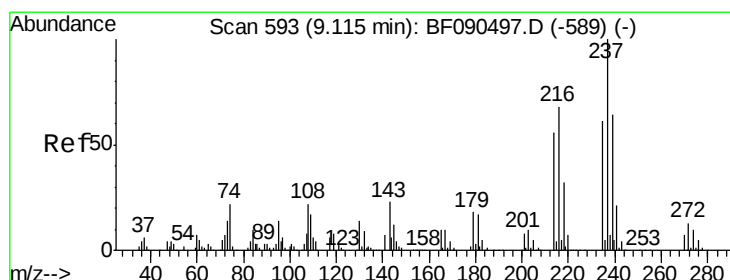
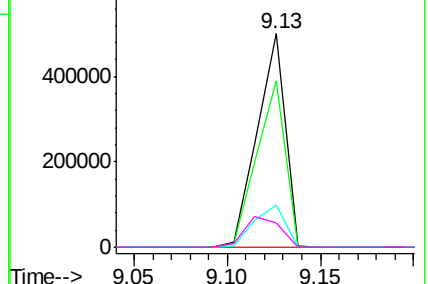
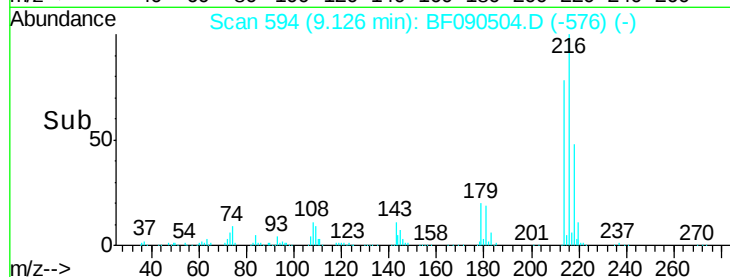


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.75 ng

RT: 9.11 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

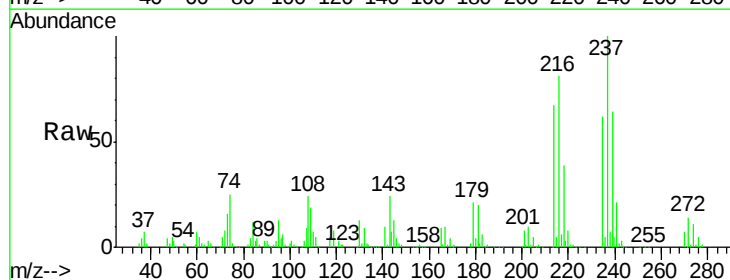
Tgt Ion:237 Resp: 261451

Ion Ratio Lower Upper

237 100

235 62.4 43.6 83.6

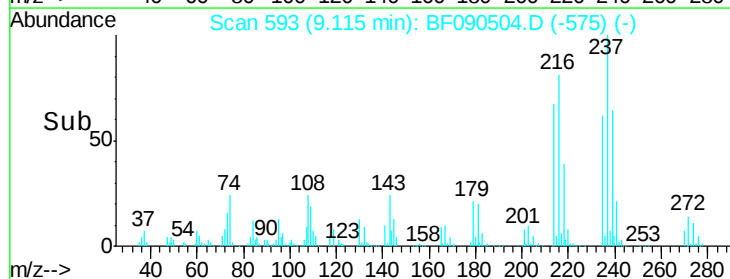
272 13.7 0.0 32.7

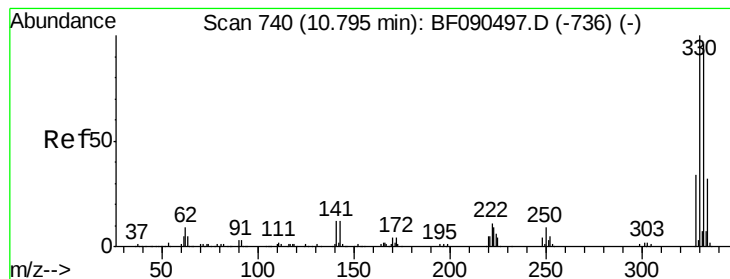


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.56 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

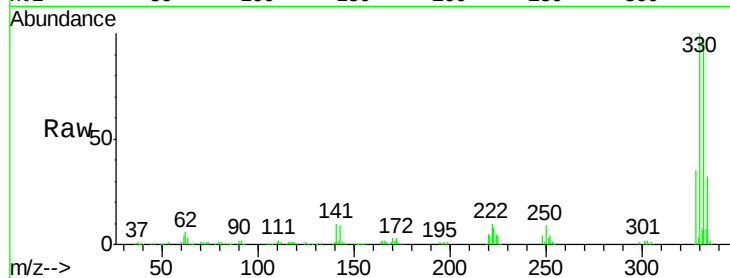
Tgt Ion:330 Resp: 373298

Ion Ratio Lower Upper

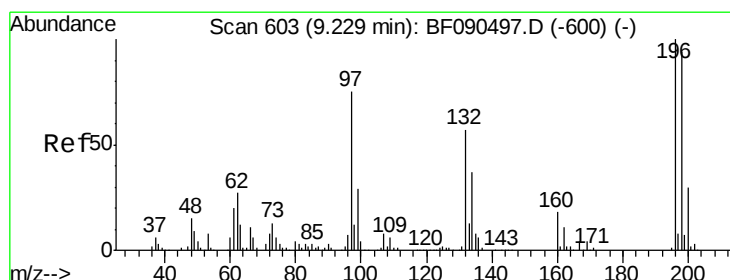
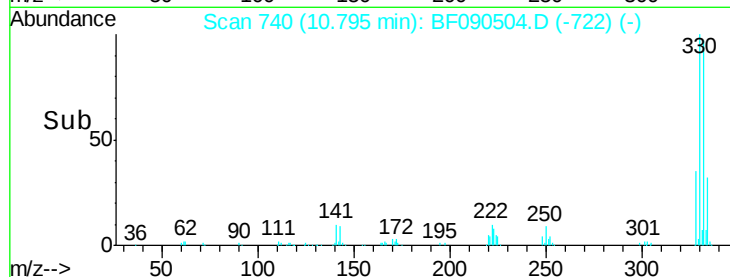
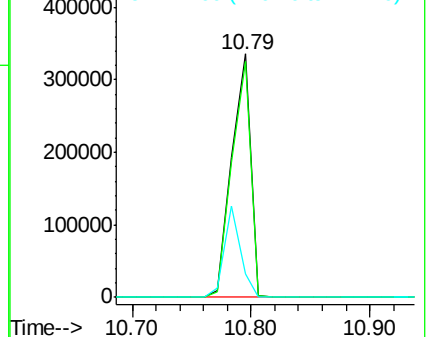
330 100

332 96.1 75.4 113.0

141 31.5 26.9 40.3



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



#42

2,4,6-Trichlorophenol

Concen: 37.87 ng

RT: 9.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

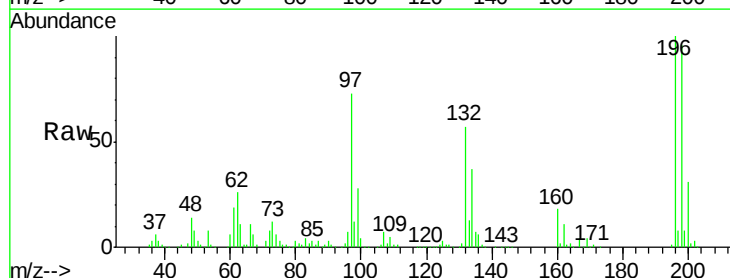
Tgt Ion:196 Resp: 314546

Ion Ratio Lower Upper

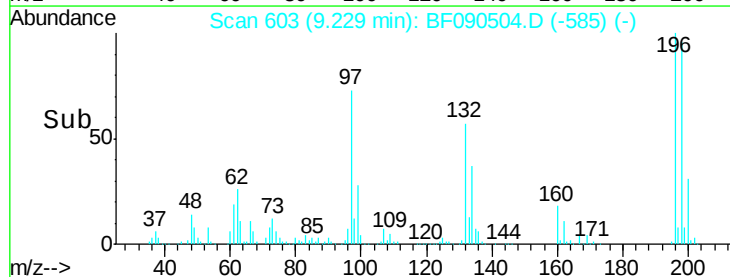
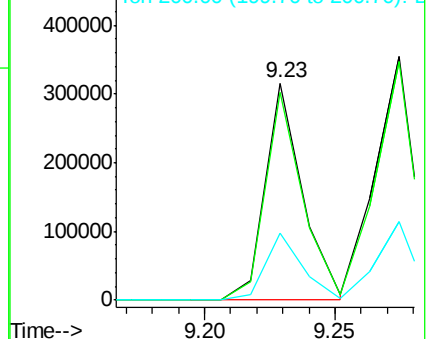
196 100

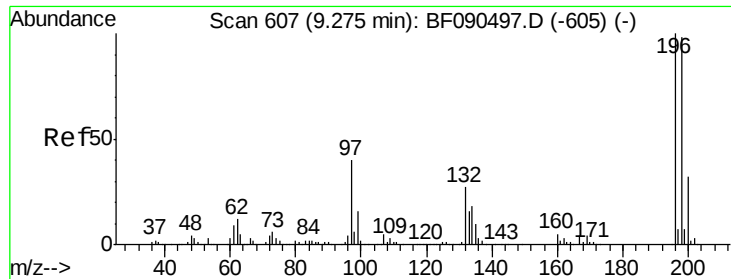
198 95.7 78.9 118.3

200 30.6 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

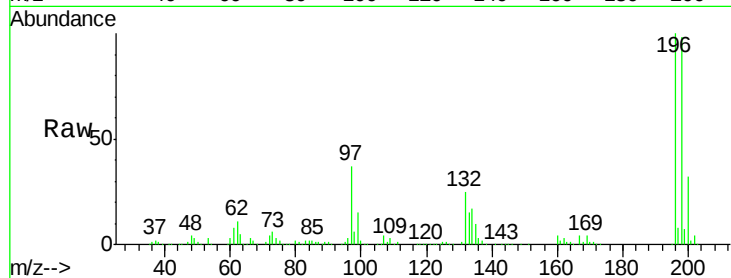




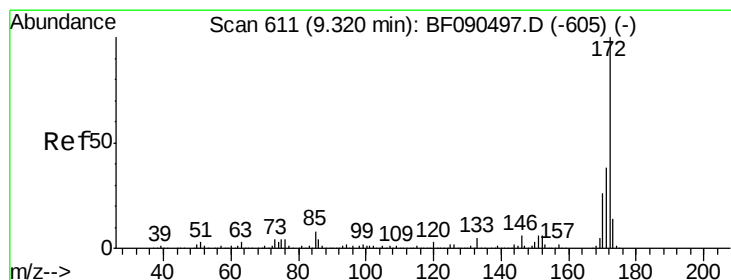
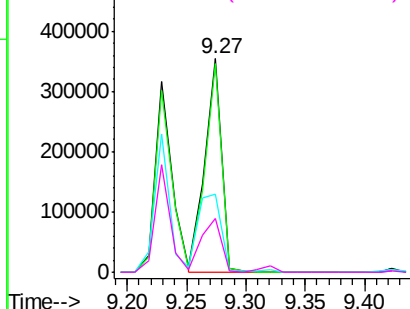
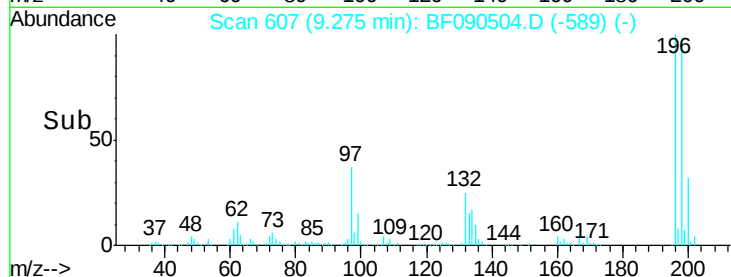
#43
 2,4,5-Trichlorophenol
 Concen: 42.81 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 351974
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.1 117.1
 97 36.8 48.1 72.1#
 132 25.4 27.4 41.2#

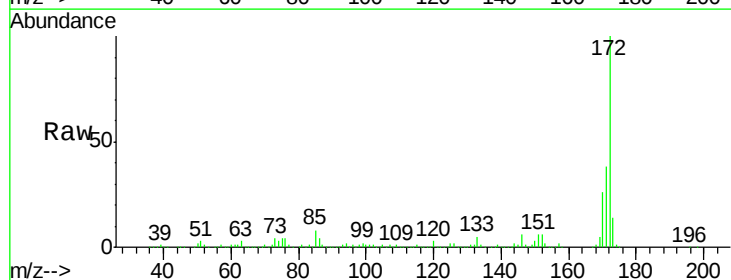


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

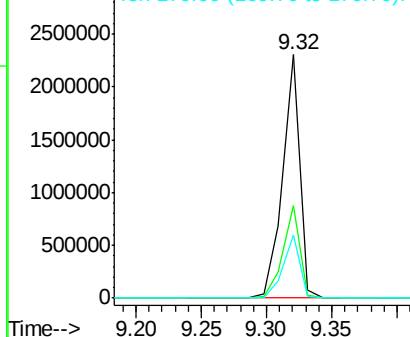
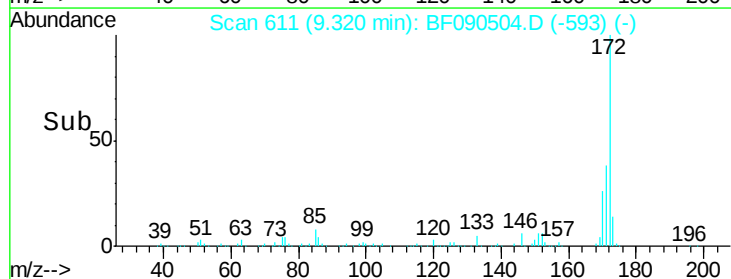


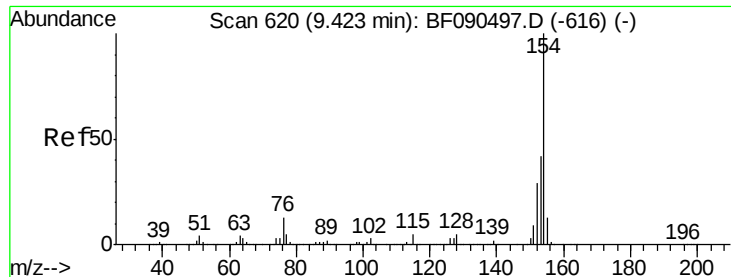
#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:172 Resp: 2131964
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.0 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

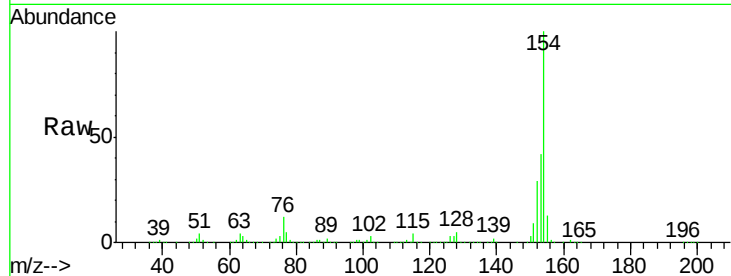




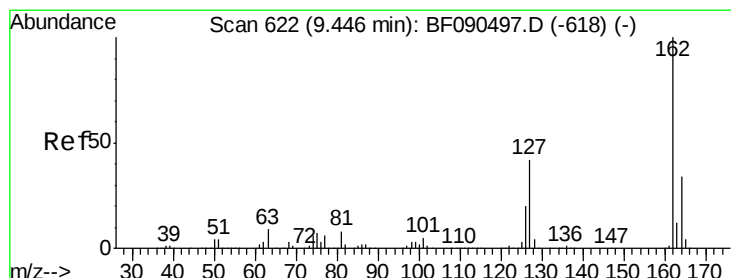
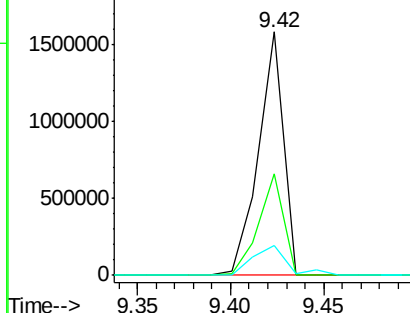
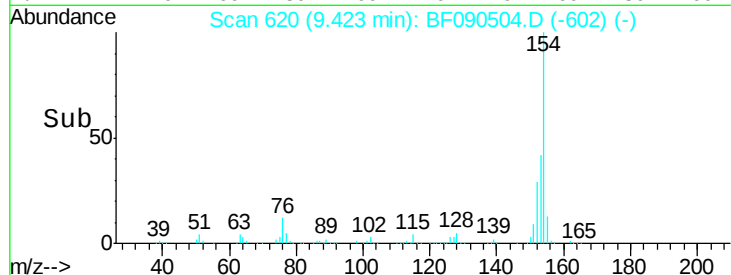
#45
 1,1'-Biphenyl
 Concen: 43.36 ng
 RT: 9.42 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1457576
 Ion Ratio Lower Upper
 154 100
 153 41.8 23.8 63.8
 76 12.0 0.0 35.8

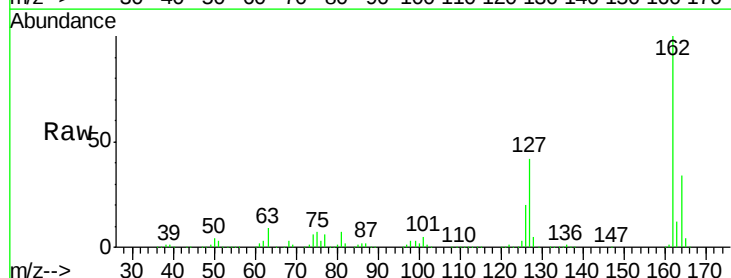


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

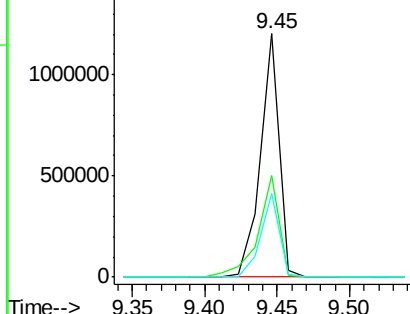
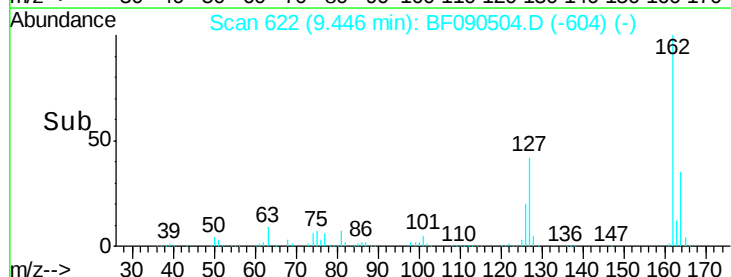


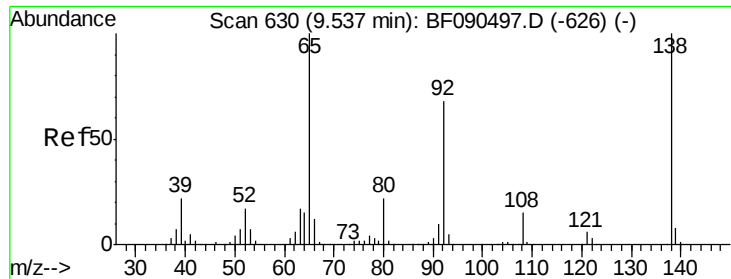
#46
 2-Chloronaphthalene
 Concen: 42.96 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:162 Resp: 1074407
 Ion Ratio Lower Upper
 162 100
 127 41.8 35.6 53.4
 164 34.5 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

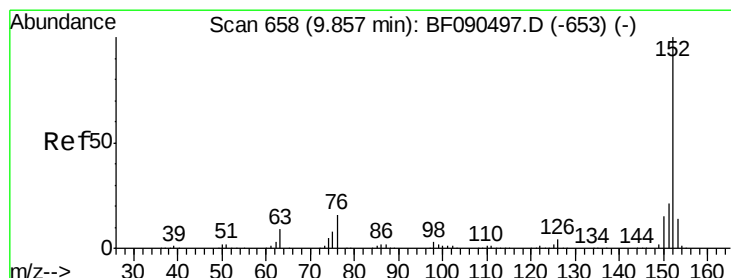
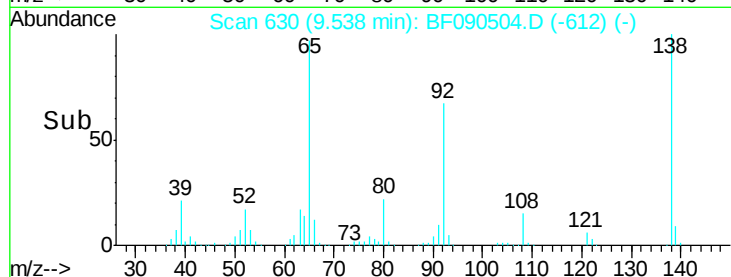
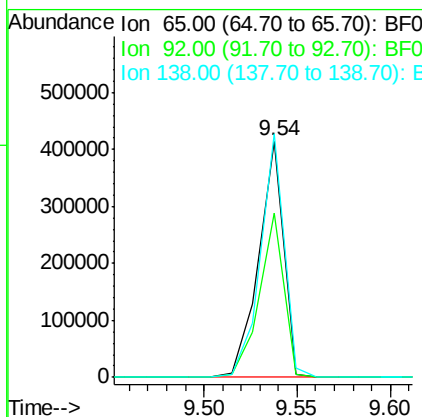
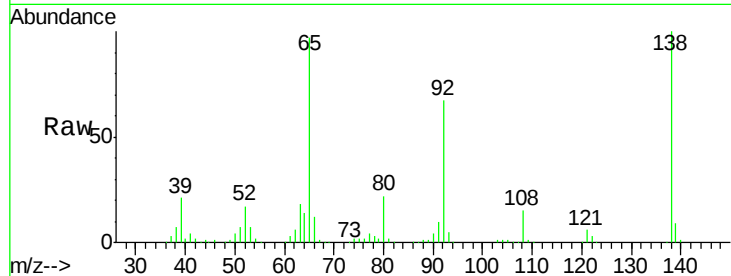




#47
2-Nitroaniline
Concen: 42.84 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

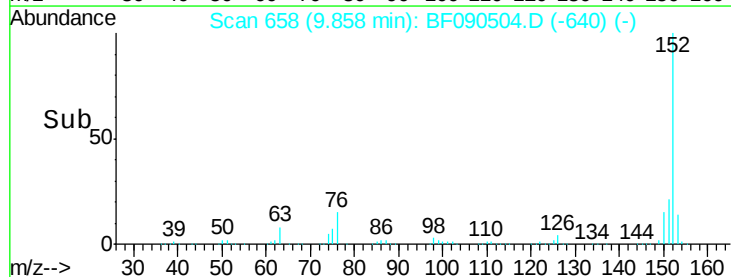
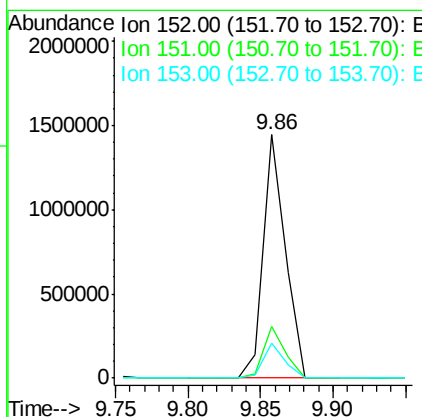
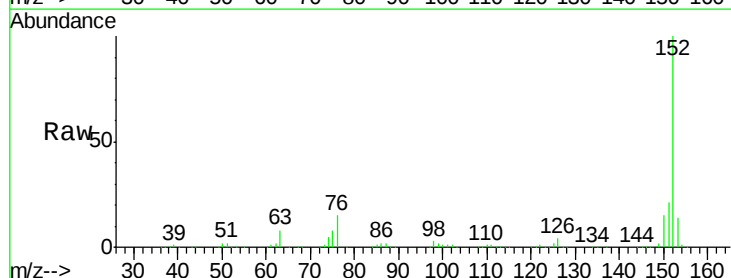
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

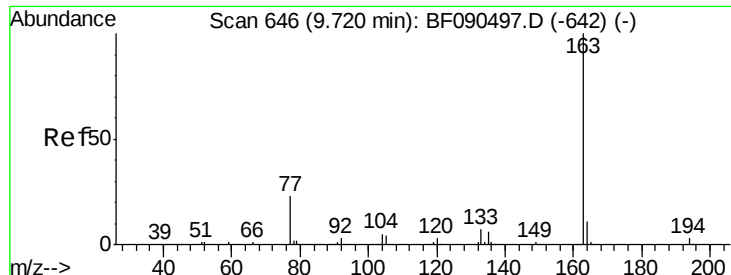
Tgt Ion: 65 Resp: 382179
Ion Ratio Lower Upper
65 100
92 69.4 51.7 77.5
138 103.0 79.0 118.4



#48
Acenaphthylene
Concen: 37.69 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion: 152 Resp: 1520709
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0
153 14.4 11.6 17.4

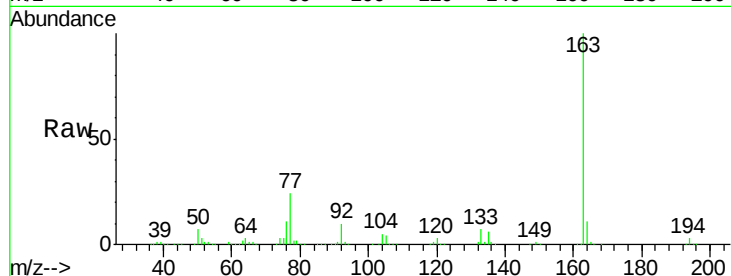




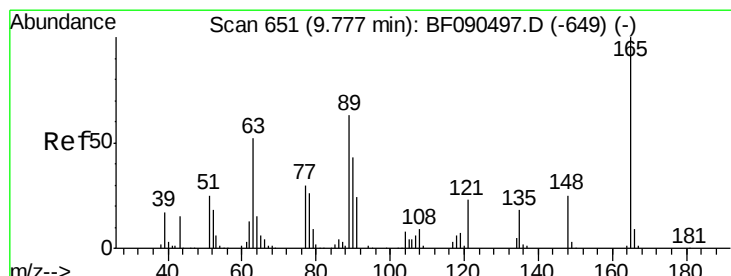
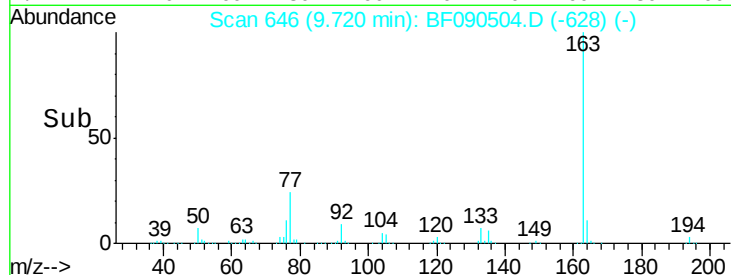
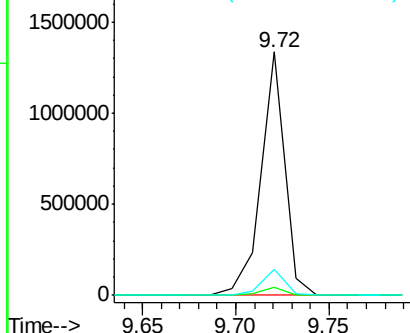
#49
Dimethylphthalate
Concen: 39.31 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1163701
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.8 9.0 13.4

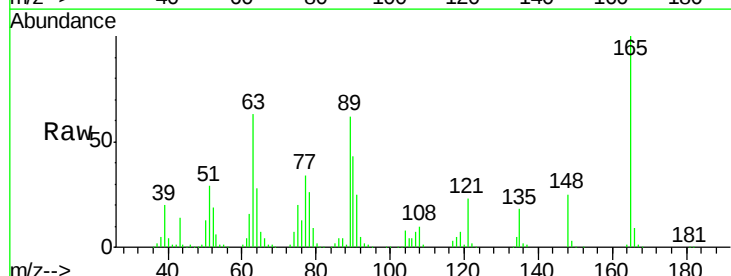


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

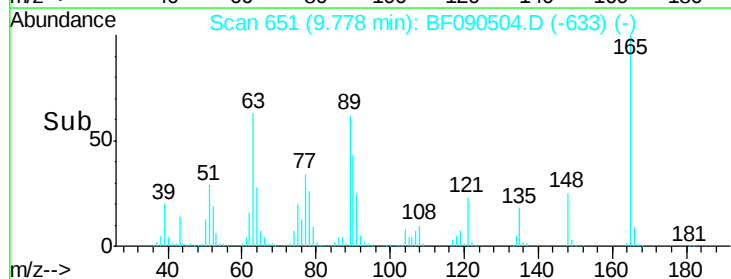
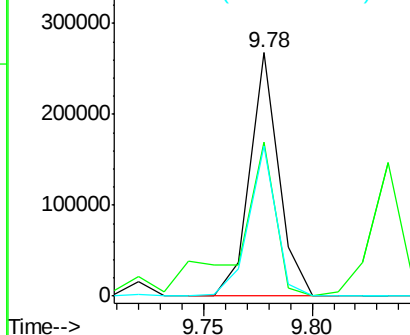


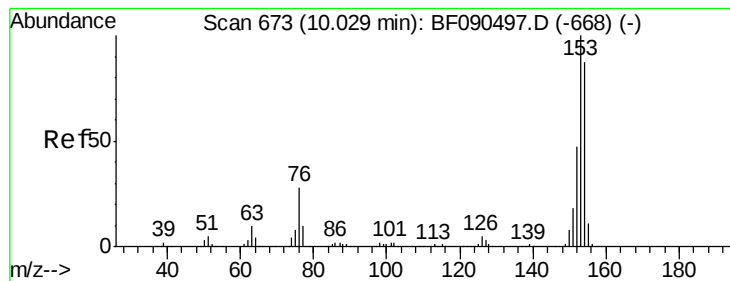
#50
2,6-Dinitrotoluene
Concen: 37.86 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:165 Resp: 247433
Ion Ratio Lower Upper
165 100
63 63.2 58.0 87.0
89 61.9 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: 39.03 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

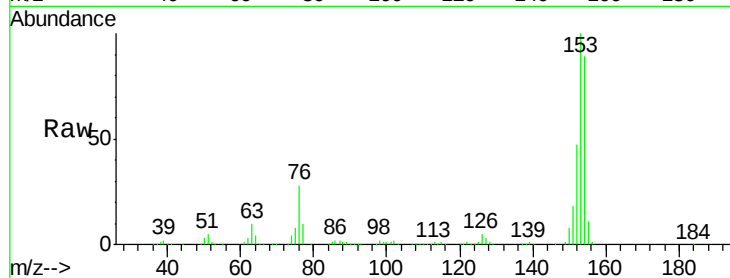
Tgt Ion:154 Resp: 1055483

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

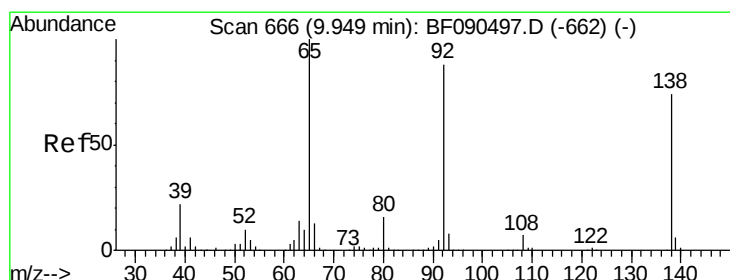
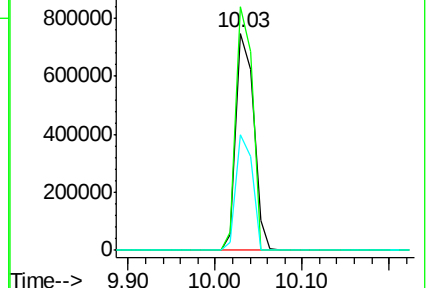
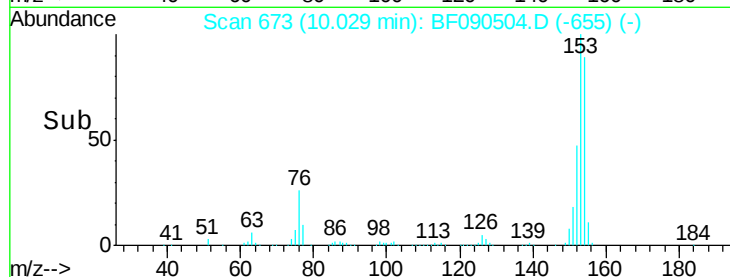
152 53.3 42.6 64.0



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: 39.75 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

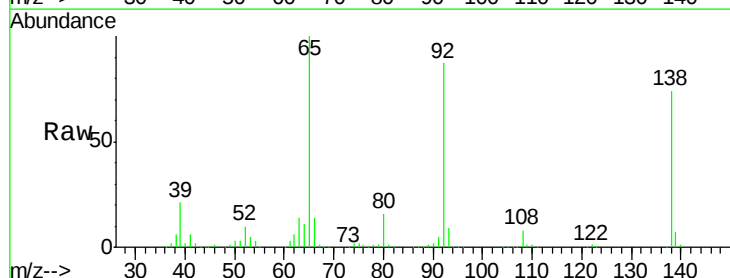
Tgt Ion:138 Resp: 322324

Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

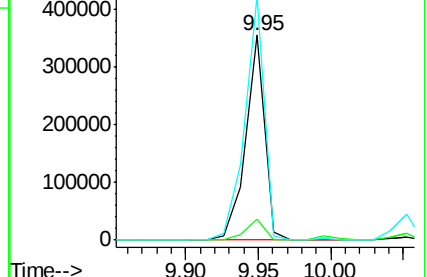
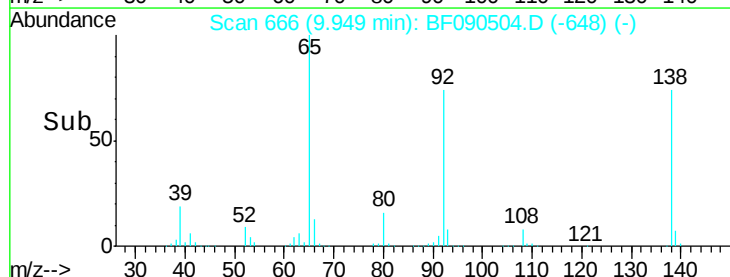
92 118.8 97.1 145.7

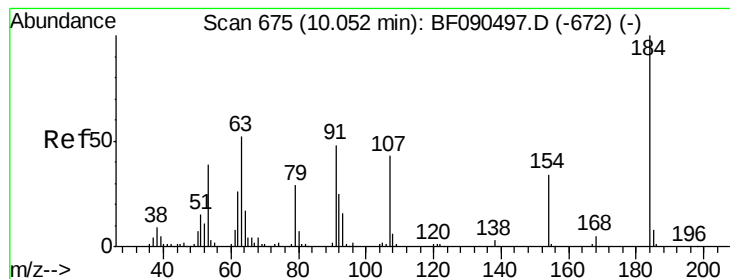


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 44.35 ng

RT: 10.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

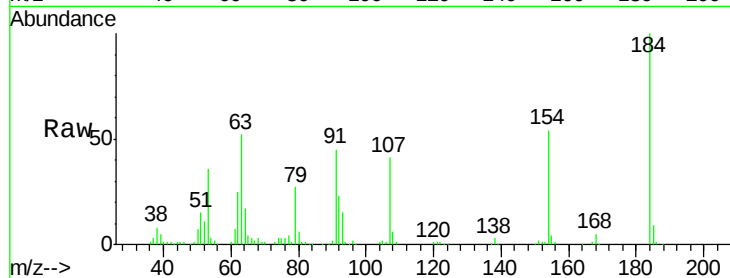
Tgt Ion:184 Resp: 160834

Ion Ratio Lower Upper

184 100

63 51.7 41.9 62.9

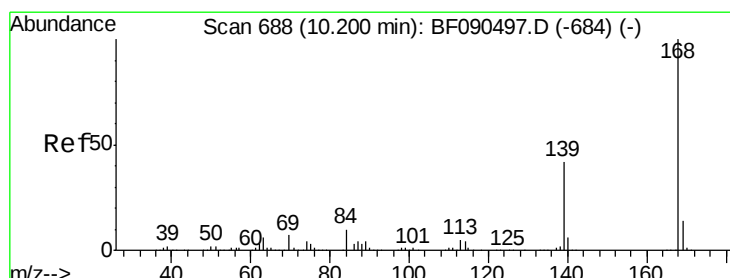
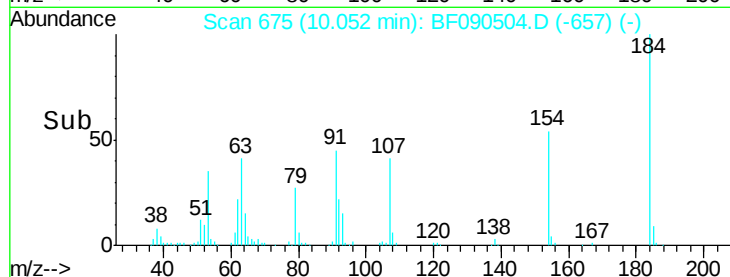
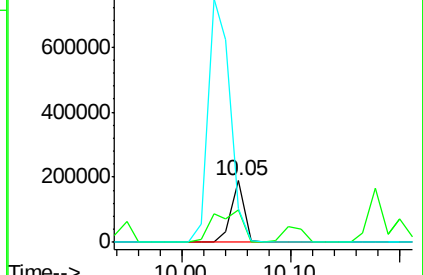
154 54.3 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.45 ng

RT: 10.20 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

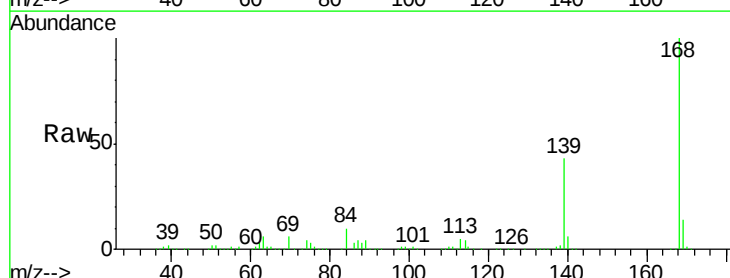
Tgt Ion:168 Resp: 1347490

Ion Ratio Lower Upper

168 100

139 42.5 29.6 44.4

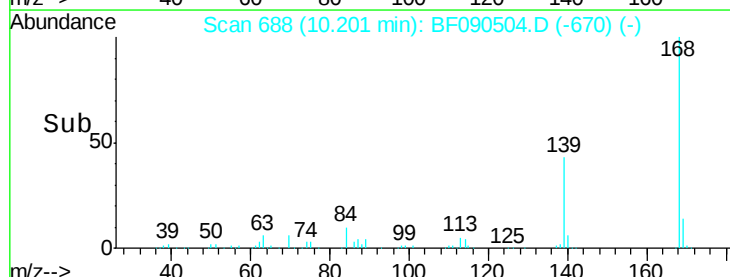
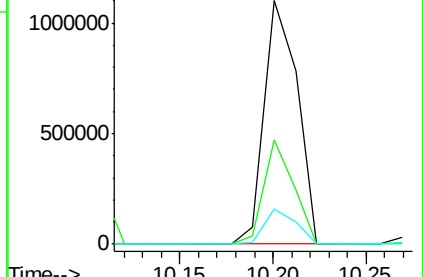
169 14.3 11.3 16.9

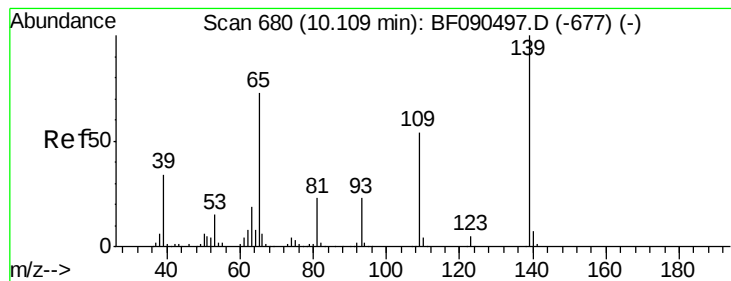


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.17 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

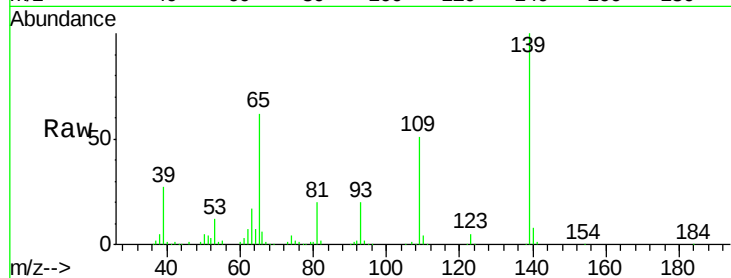
Tgt Ion:139 Resp: 278345

Ion Ratio Lower Upper

139 100

109 50.9 43.6 83.6

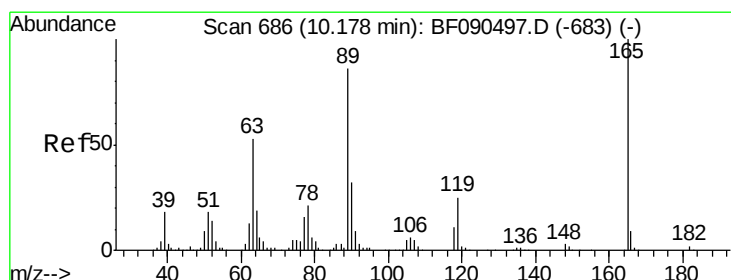
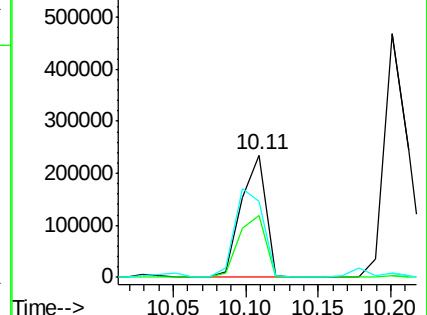
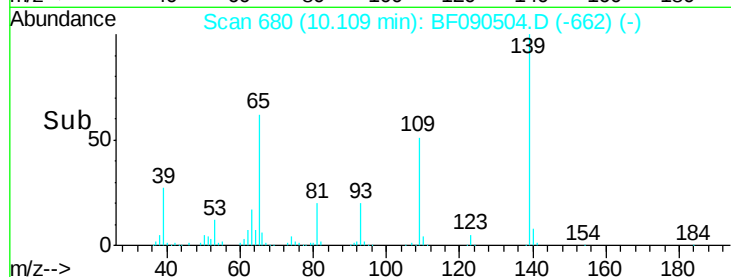
65 62.0 87.5 127.5#



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: 37.85 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:165 Resp: 327187

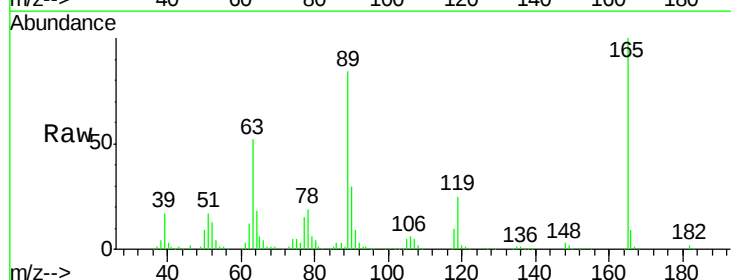
Ion Ratio Lower Upper

165 100

63 51.9 17.8 26.6#

89 84.2 33.2 49.8#

182 2.3 2.1 3.1

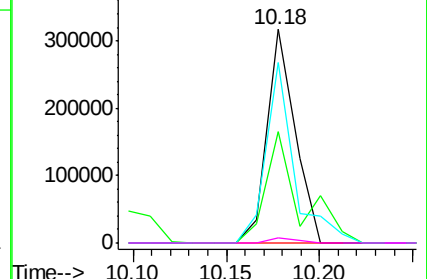
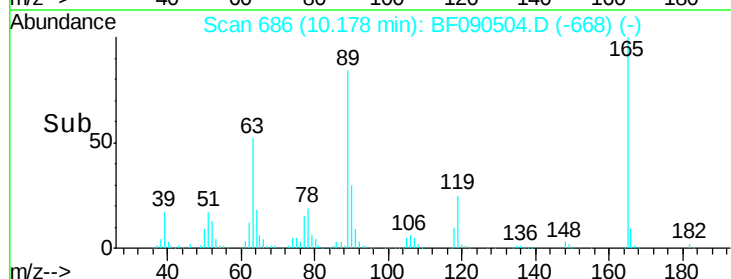


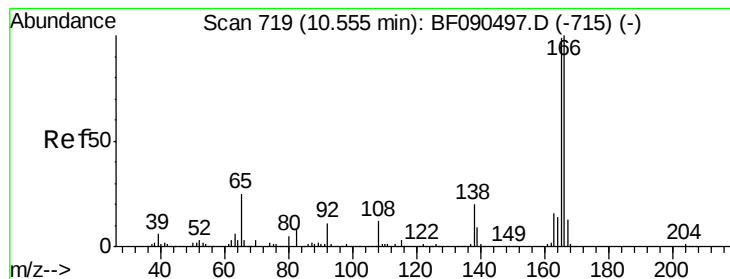
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.64 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

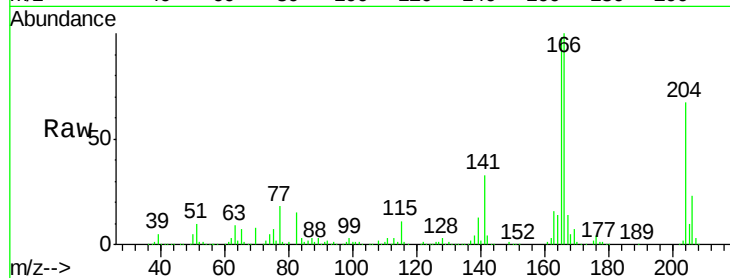
Tgt Ion:166 Resp: 1105636

Ion Ratio Lower Upper

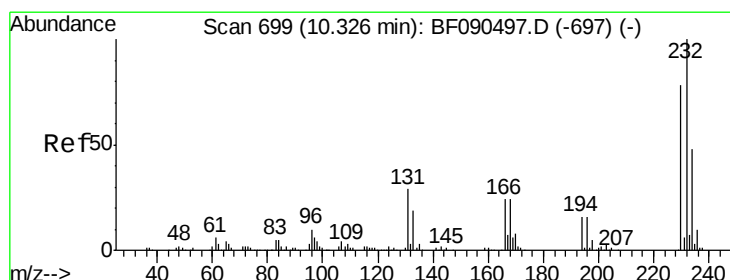
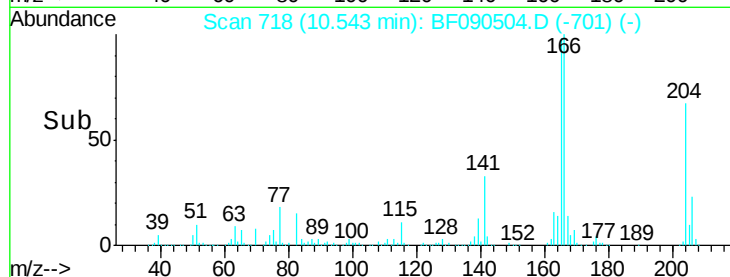
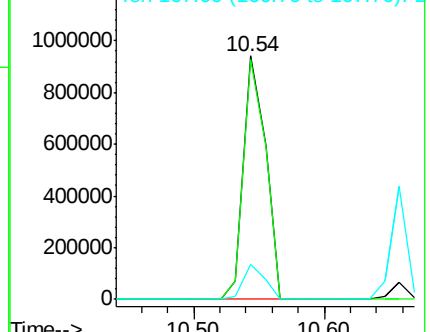
166 100

165 98.4 79.2 118.8

167 14.4 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: 40.56 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion:232 Resp: 278168

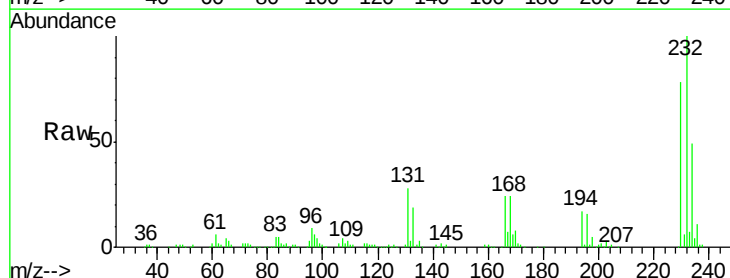
Ion Ratio Lower Upper

232 100

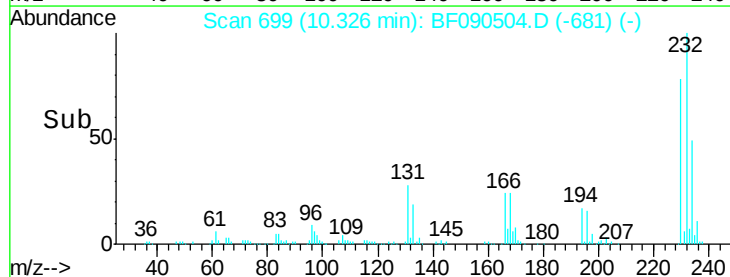
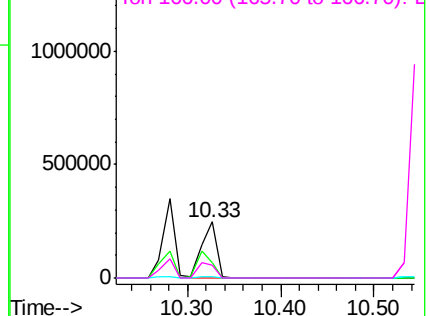
131 48.4 34.5 51.7

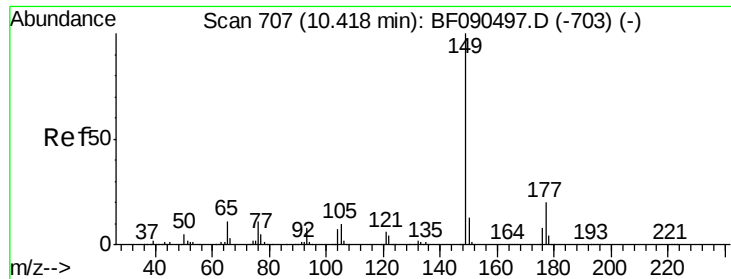
130 2.1 1.6 2.4

166 33.1 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

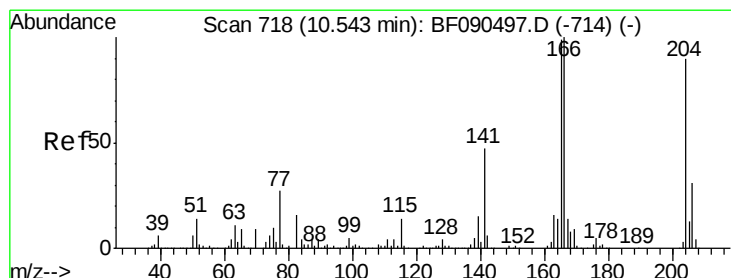
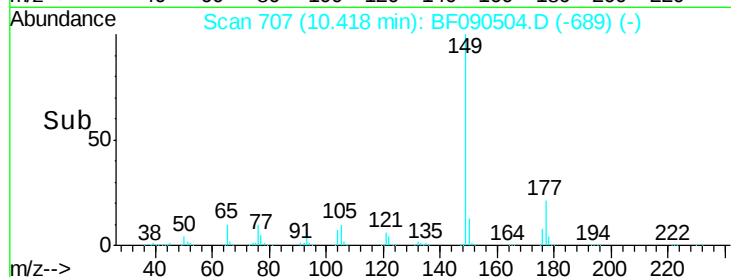
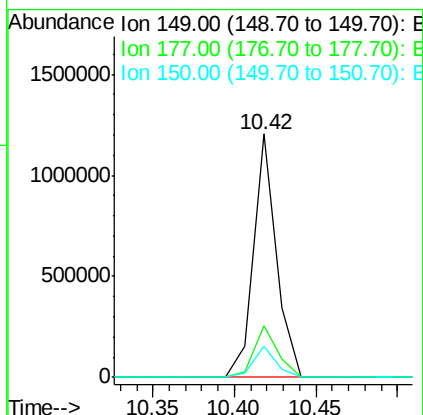
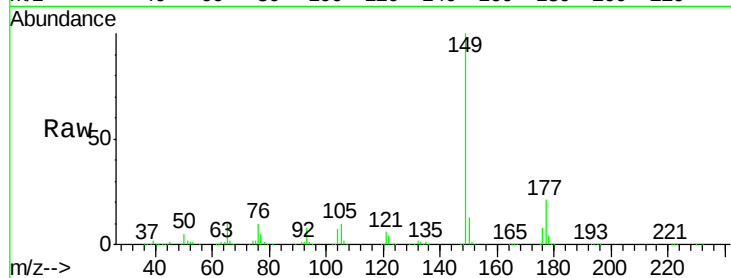




#59
Diethylphthalate
Concen: 39.08 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

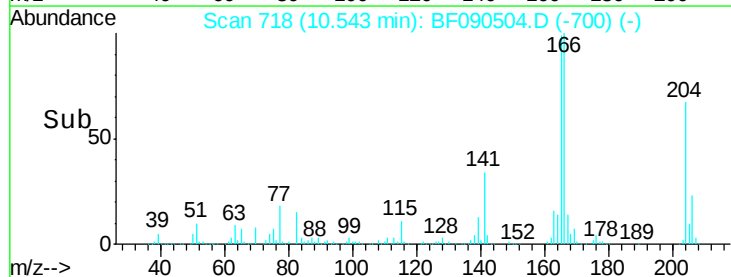
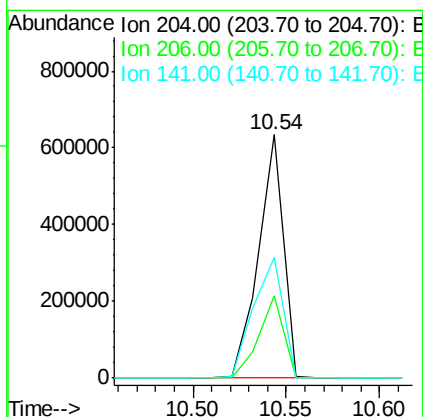
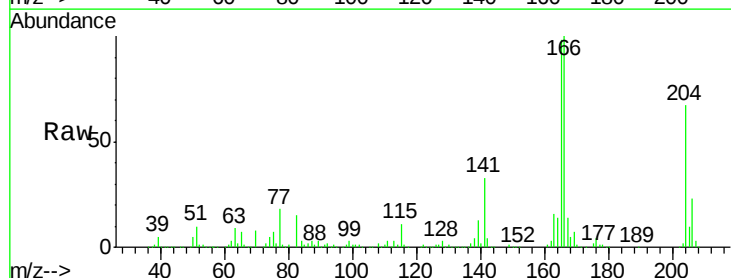
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

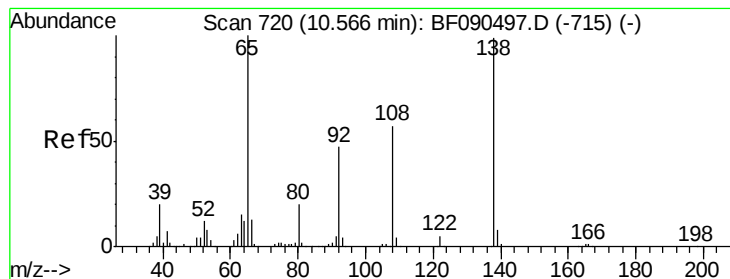
Tgt Ion:149 Resp: 1176482
Ion Ratio Lower Upper
149 100
177 21.0 21.1 31.7#
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.04 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:204 Resp: 583404
Ion Ratio Lower Upper
204 100
206 34.0 26.7 40.1
141 49.7 51.7 77.5#





#61

4-Nitroaniline

Concen: 43.70 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

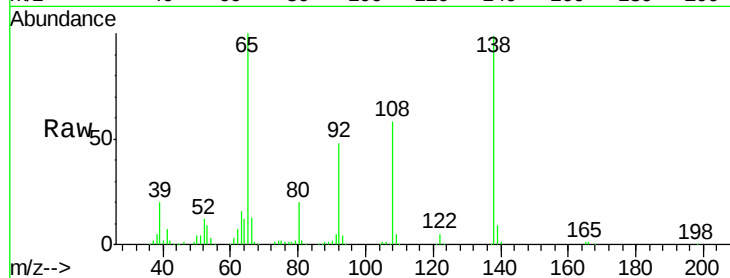
Tgt Ion:138 Resp: 361576

Ion Ratio Lower Upper

138 100

92 48.2 33.2 73.2

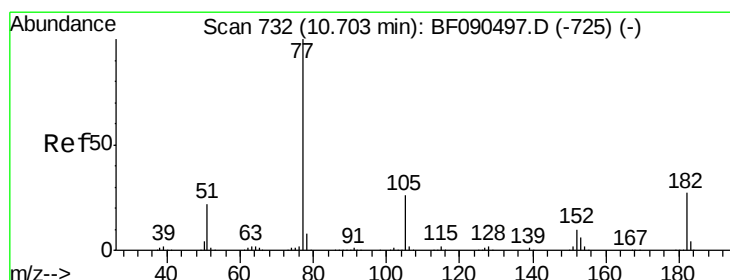
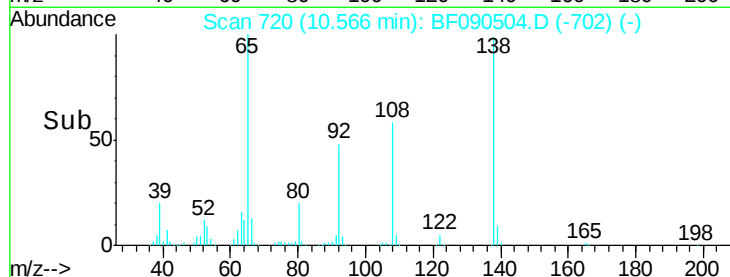
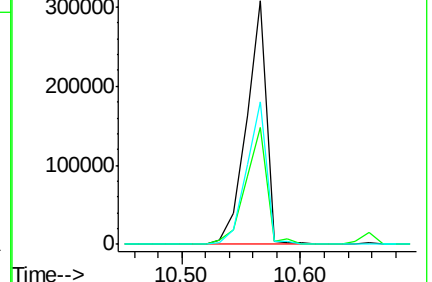
108 58.4 48.5 88.5



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: 41.76 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Tgt Ion: 77 Resp: 1372989

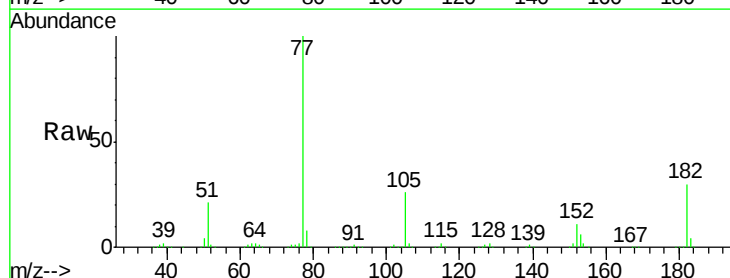
Ion Ratio Lower Upper

77 100

182 30.1 3.2 43.2

105 26.3 2.9 42.9

51 21.3 14.2 54.2

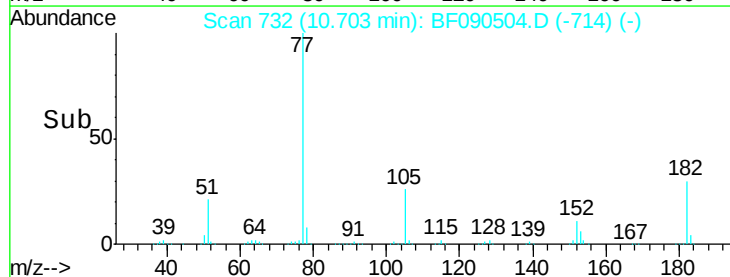
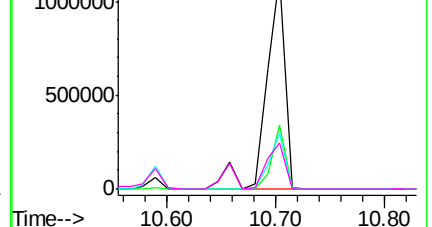


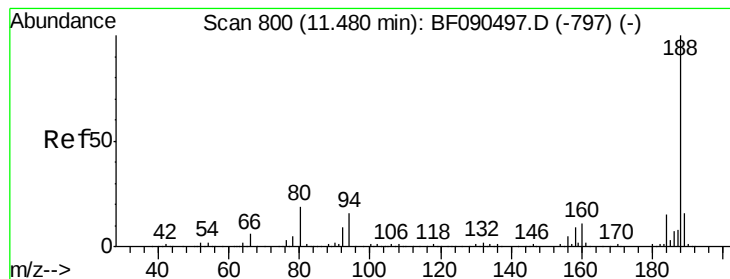
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

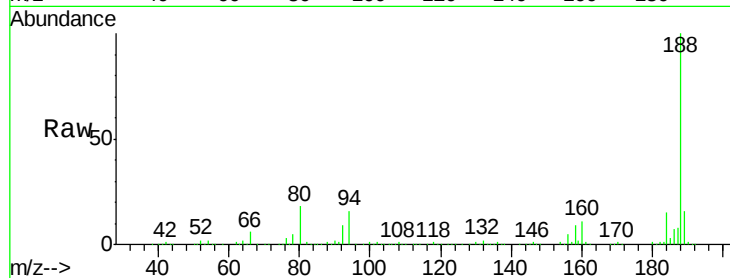
Tgt Ion:188 Resp: 749742

Ion Ratio Lower Upper

188 100

94 15.8 8.2 12.2#

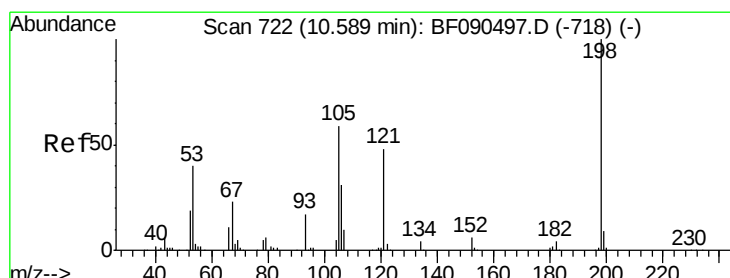
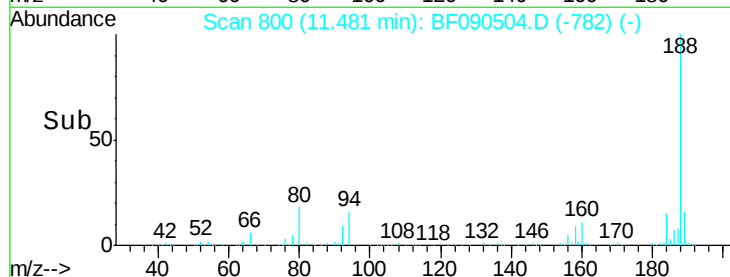
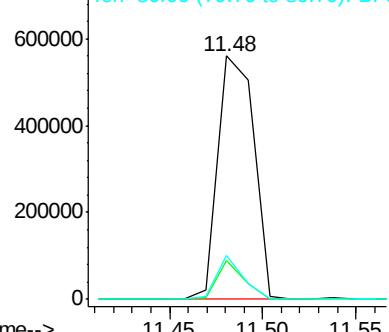
80 18.1 8.8 13.2#



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: 38.90 ng

RT: 10.59 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

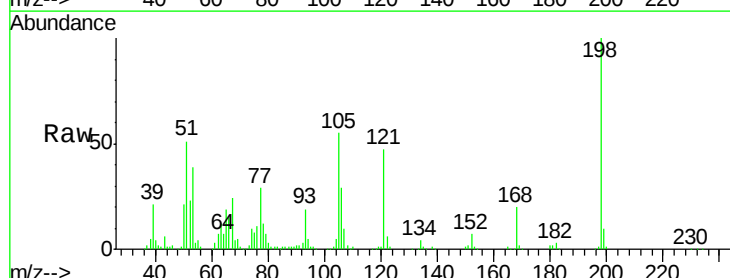
Tgt Ion:198 Resp: 194797

Ion Ratio Lower Upper

198 100

51 50.6 67.3 107.3#

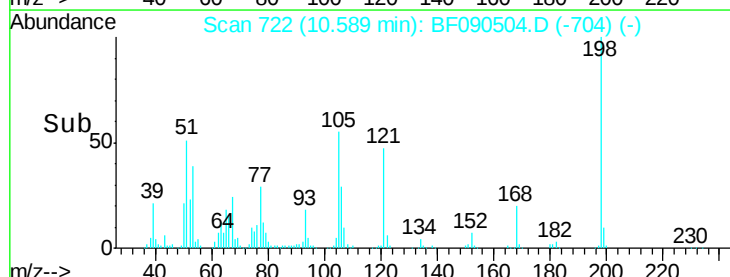
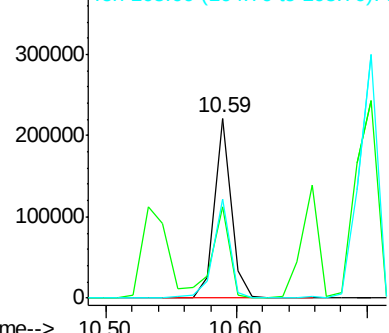
105 55.3 42.6 82.6

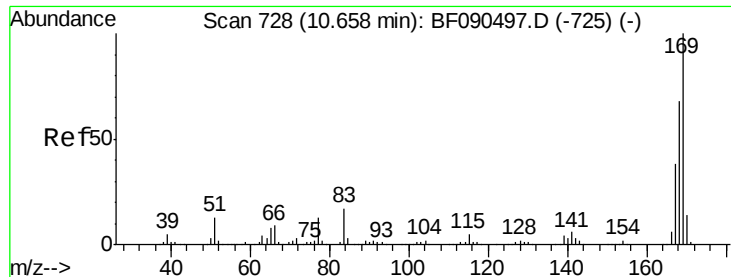


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

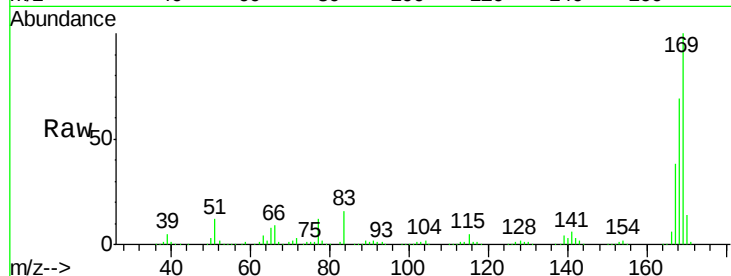




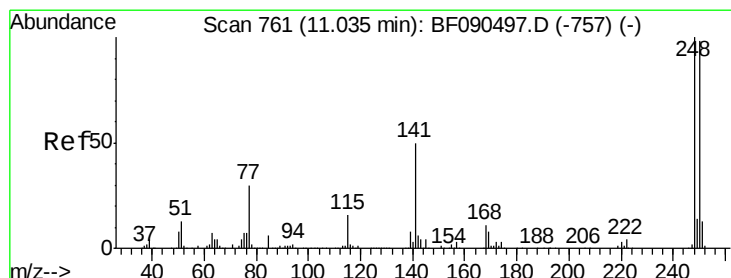
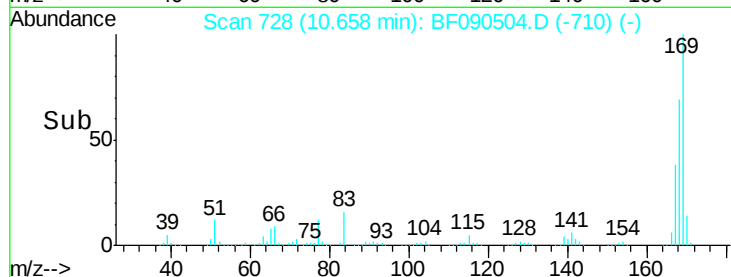
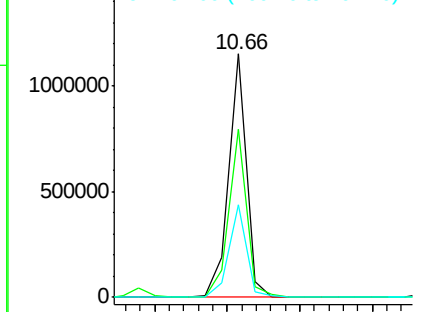
#65
 n-Nitrosodiphenylamine
 Concen: 40.05 ng
 RT: 10.66 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 976375
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.8 80.6
 167 37.8 29.8 44.8

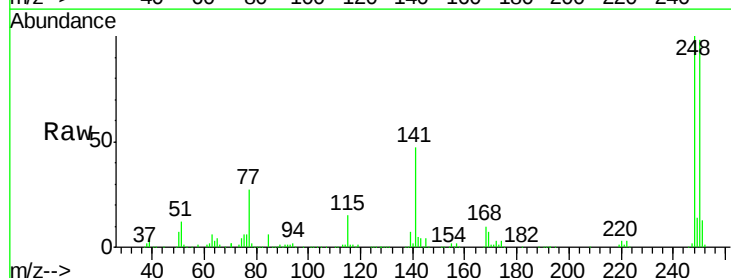


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

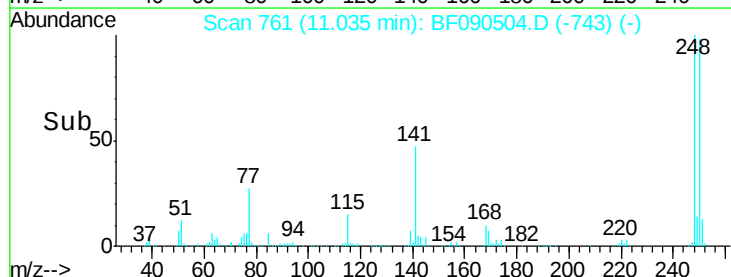
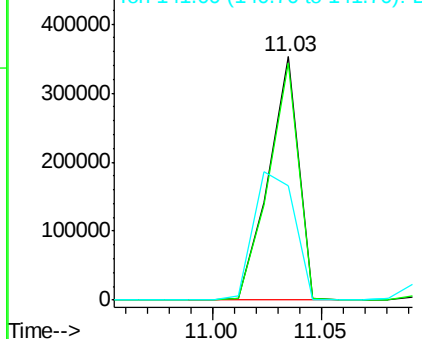


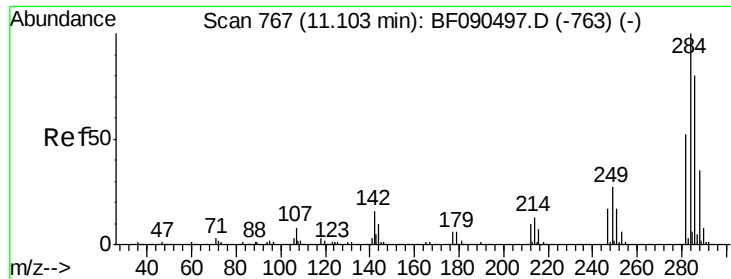
#66
 4-Bromophenyl-phenylether
 Concen: 41.20 ng
 RT: 11.03 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:248 Resp: 342302
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.5 114.7
 141 47.1 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

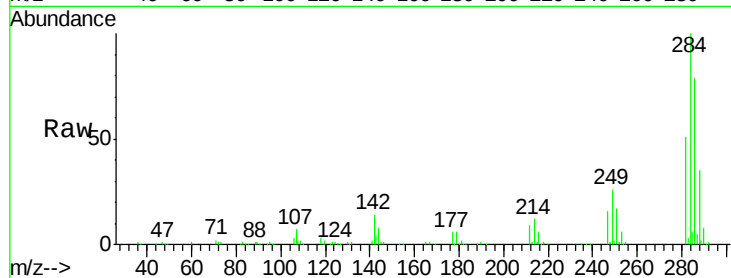




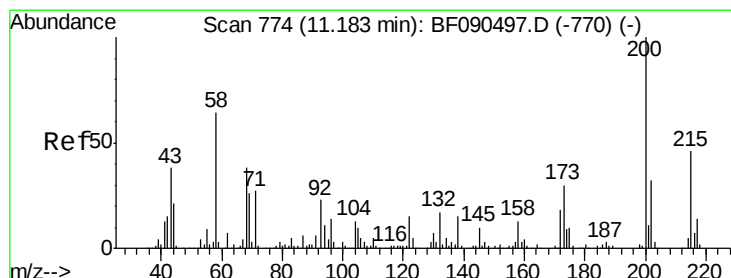
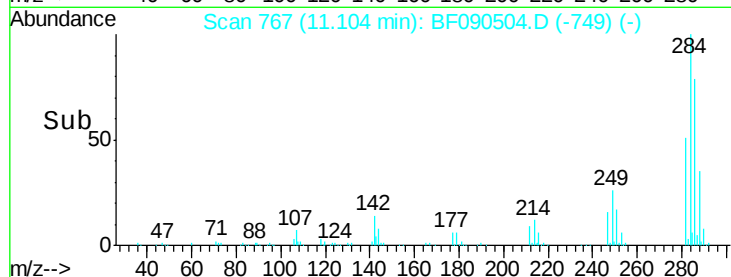
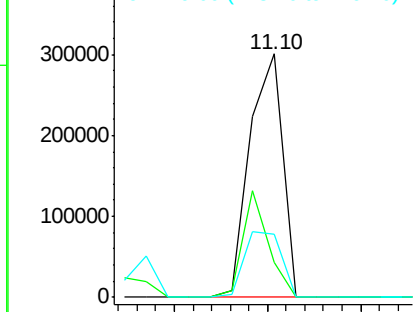
#67
Hexachlorobenzene
Concen: 39.86 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 365798
Ion Ratio Lower Upper
284 100
142 14.2 23.1 34.7#
249 26.0 26.3 39.5#

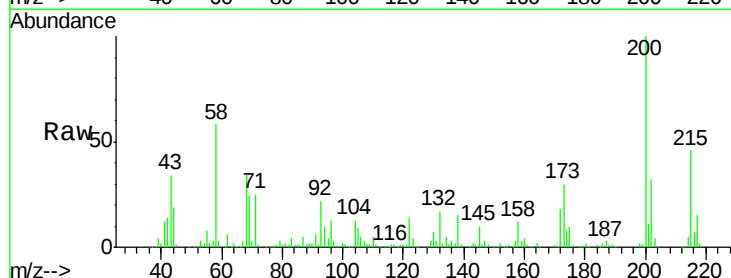


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

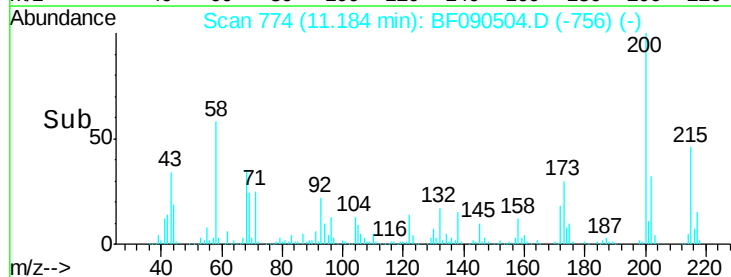
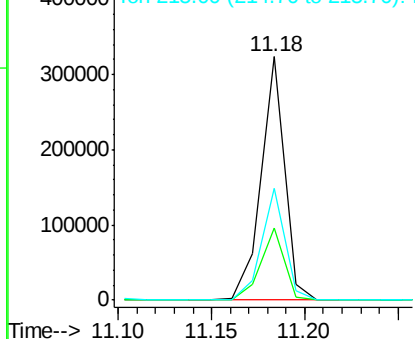


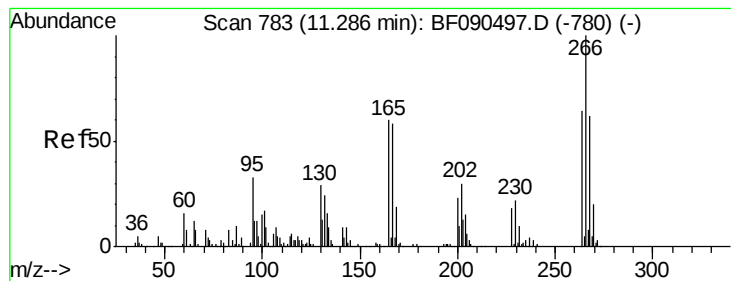
#68
Atrazine
Concen: 37.17 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:200 Resp: 280426
Ion Ratio Lower Upper
200 100
173 29.9 9.0 49.0
215 45.7 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: 39.63 ng

RT: 11.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

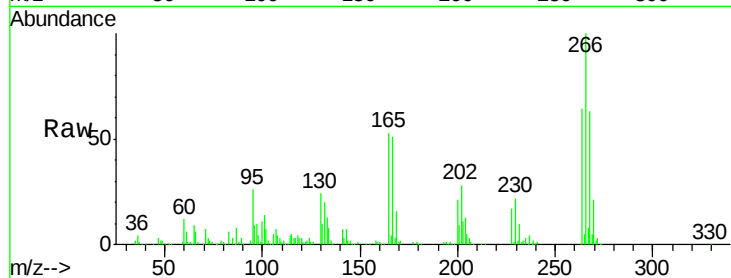
Tgt Ion:266 Resp: 216406

Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

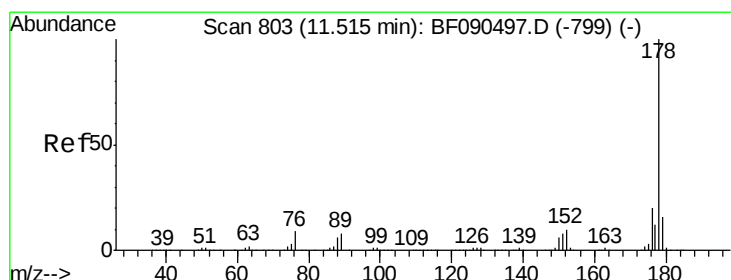
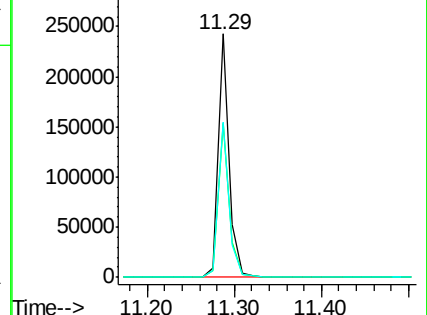
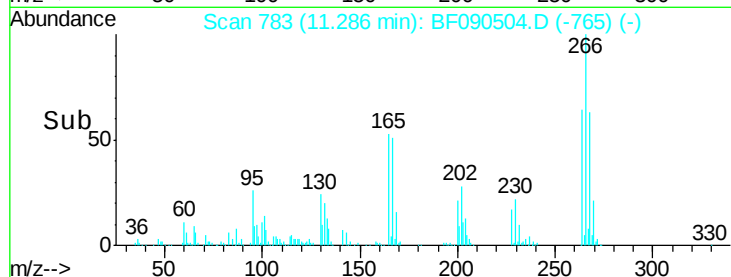
264 63.6 51.5 77.3



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: 41.90 ng

RT: 11.51 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

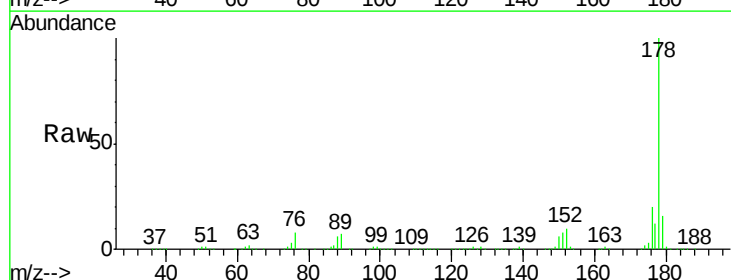
Tgt Ion:178 Resp: 1731311

Ion Ratio Lower Upper

178 100

176 20.4 17.3 25.9

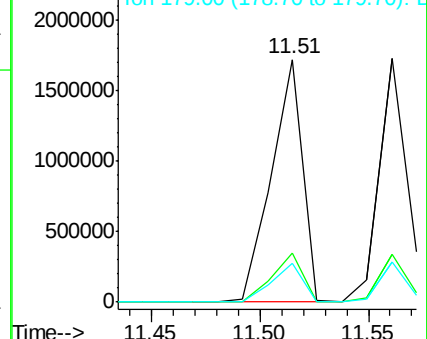
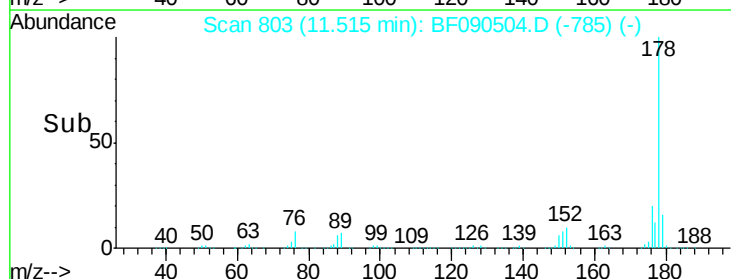
179 16.0 13.8 20.6

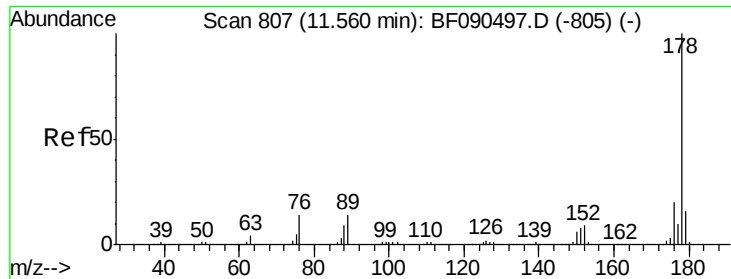


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

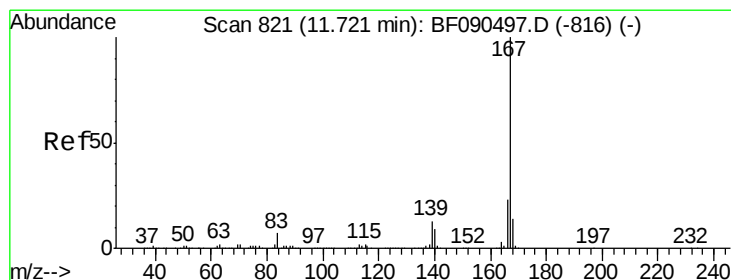
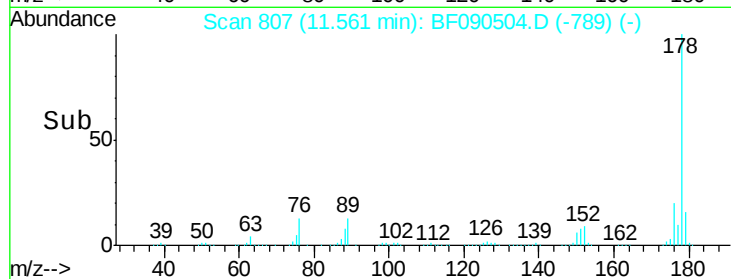
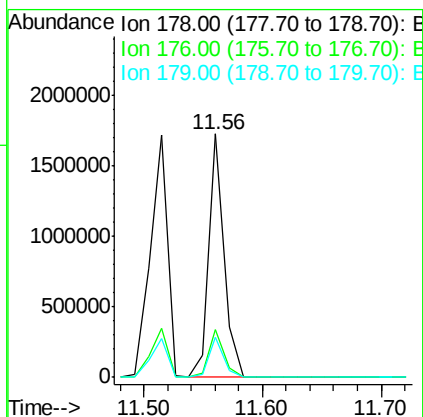
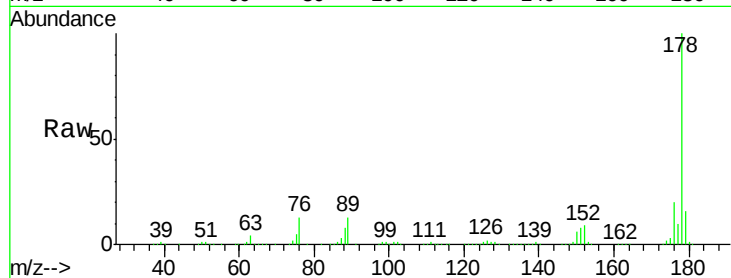




#71
 Anthracene
 Concen: 36.77 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

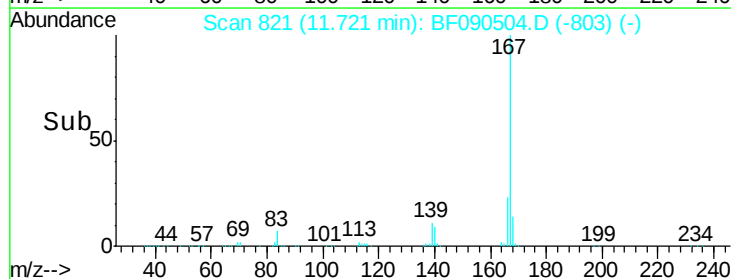
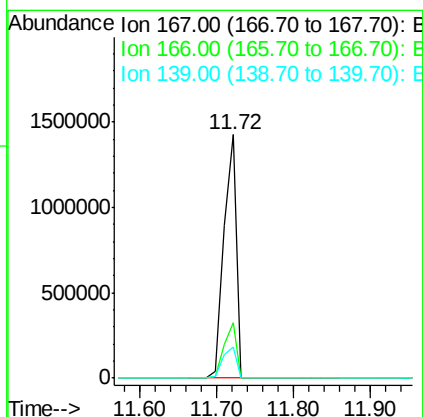
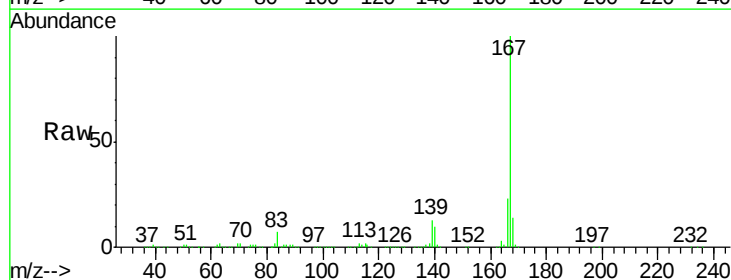
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

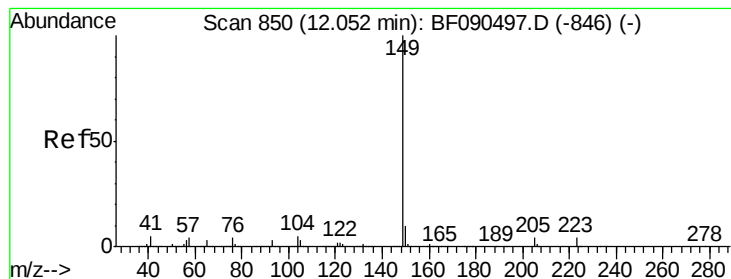
Tgt Ion:178 Resp: 1539032
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.8 25.2
 179 16.4 13.4 20.2



#72
 Carbazole
 Concen: 41.14 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:167 Resp: 1626361
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 12.6 12.1 18.1





#73

Di-n-butylphthalate

Concen: 40.88 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

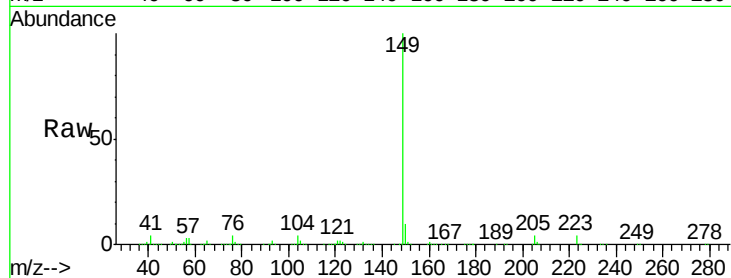
Tgt Ion:149 Resp: 1946499

Ion Ratio Lower Upper

149 100

150 9.7 8.6 12.8

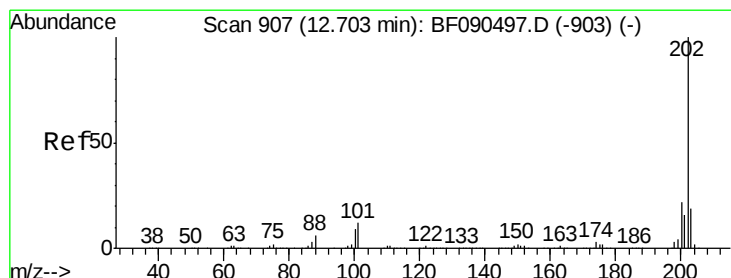
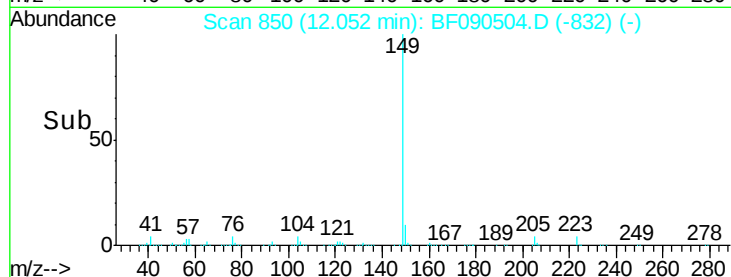
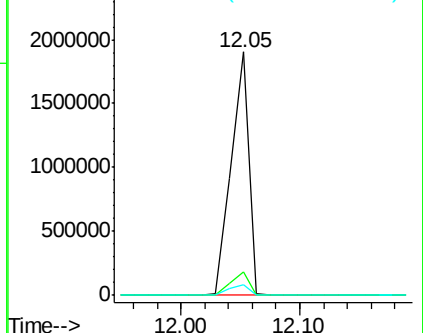
104 4.2 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.58 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

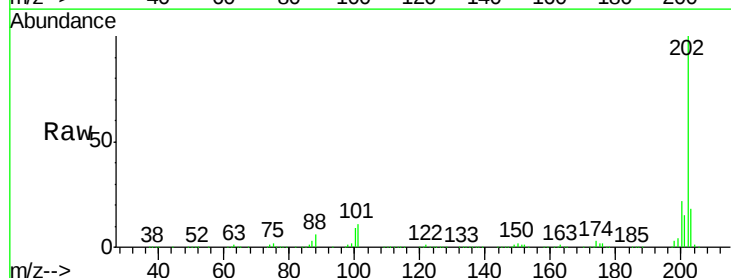
Tgt Ion:202 Resp: 1838127

Ion Ratio Lower Upper

202 100

101 11.5 0.0 37.2

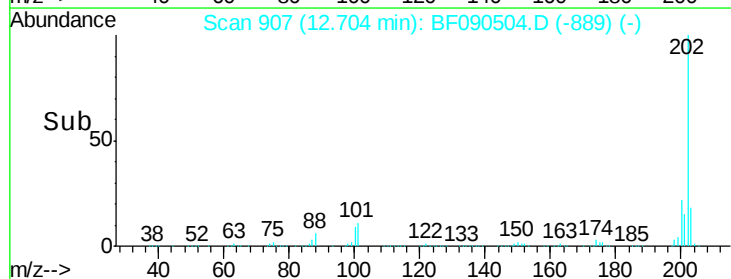
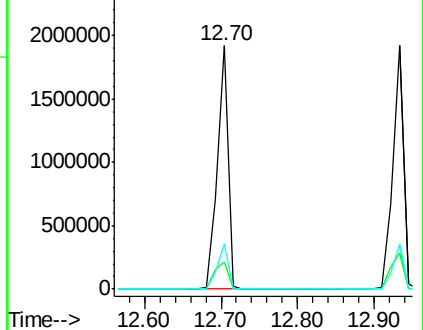
203 18.5 0.0 39.3

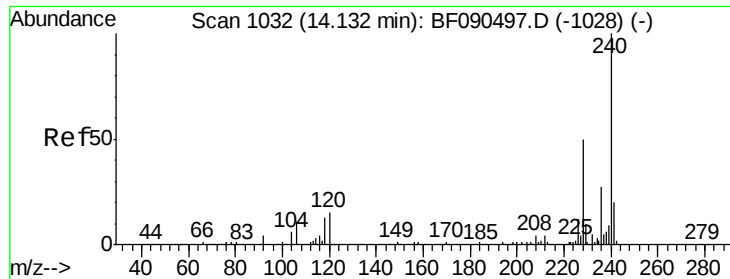


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

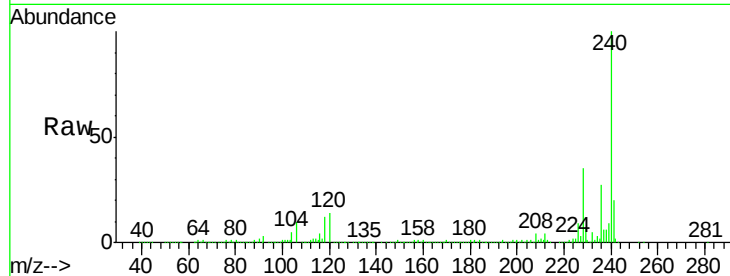
Tgt Ion:240 Resp: 743561

Ion Ratio Lower Upper

240 100

120 13.9 8.6 13.0#

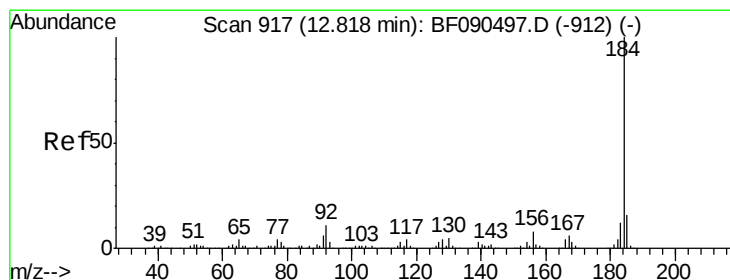
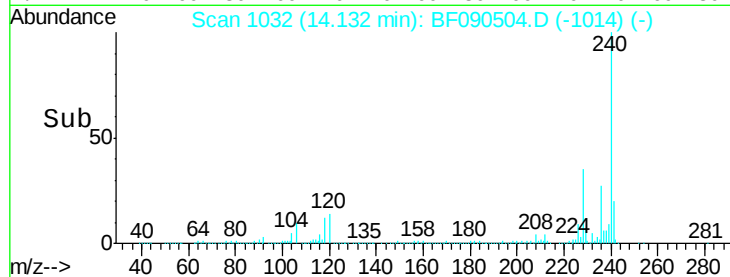
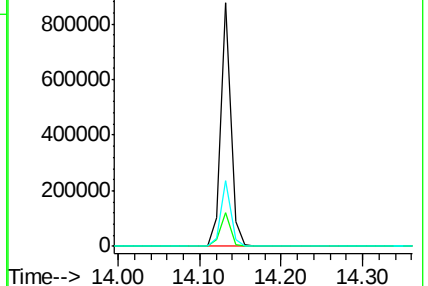
236 27.2 21.6 32.4



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: 34.29 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

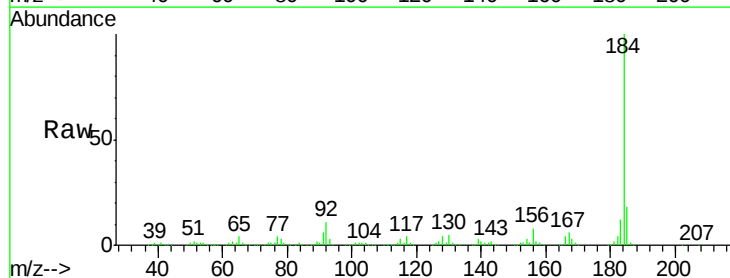
Tgt Ion:184 Resp: 801300

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

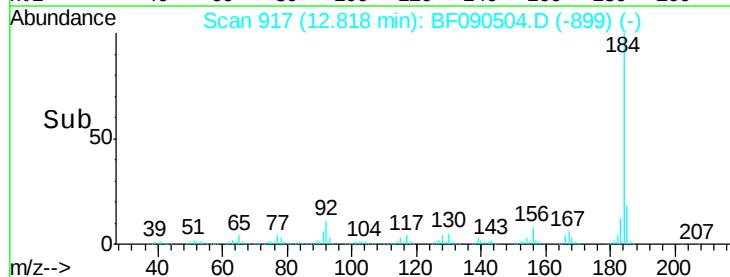
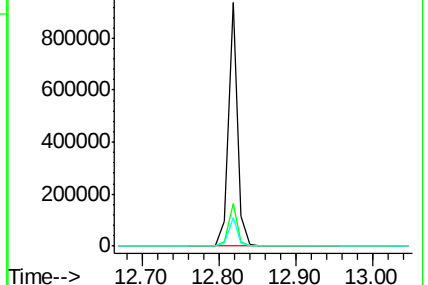
183 12.0 9.6 14.4

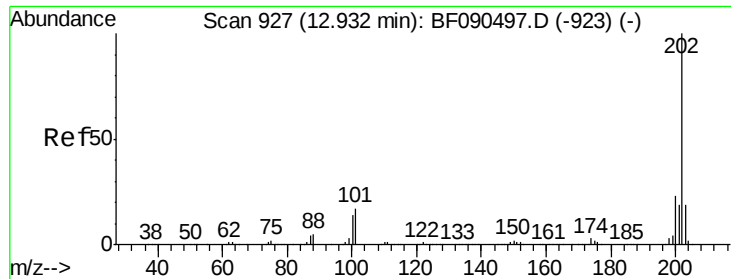


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

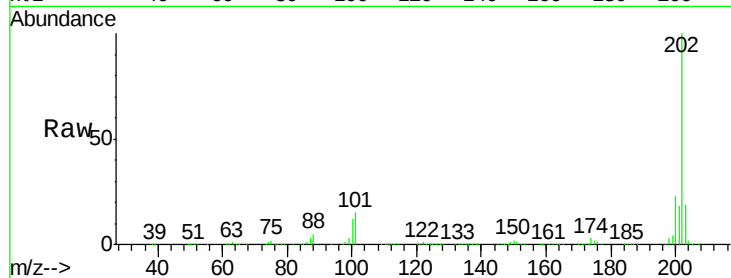




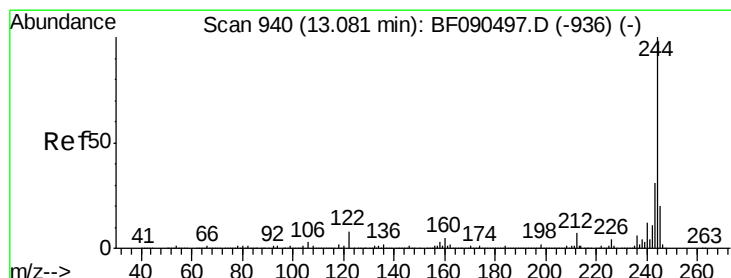
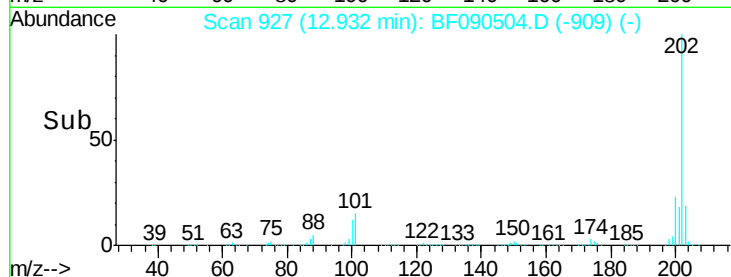
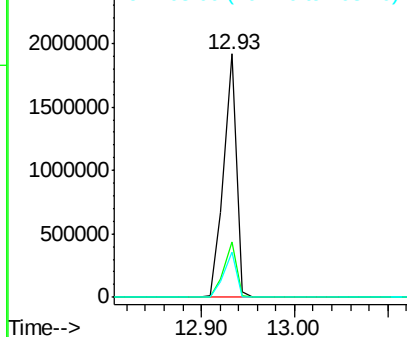
#77
 Pyrene
 Concen: 39.23 ng
 RT: 12.93 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1825924
 Ion Ratio Lower Upper
 202 100
 200 22.9 18.5 27.7
 203 18.5 15.0 22.6

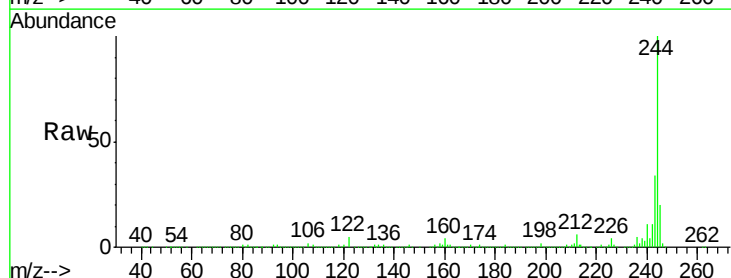


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

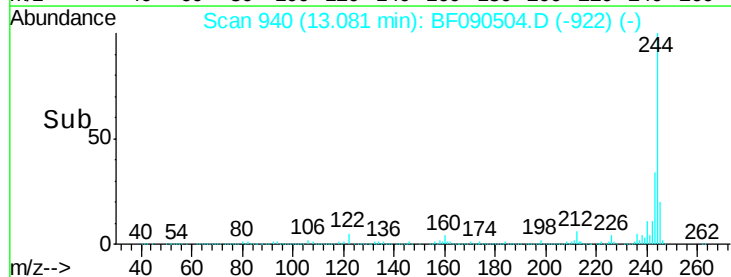
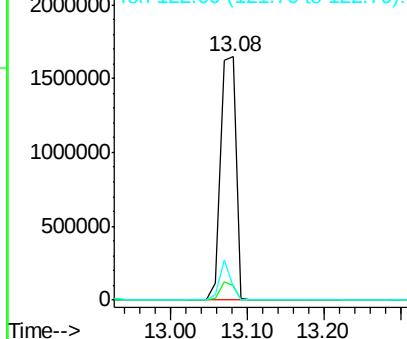


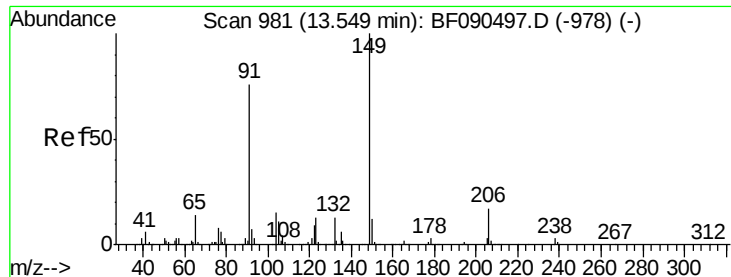
#78
 Terphenyl-d14
 Concen: 76.78 ng
 RT: 13.08 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion: 244 Resp: 2336128
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.8 10.2#
 122 5.5 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

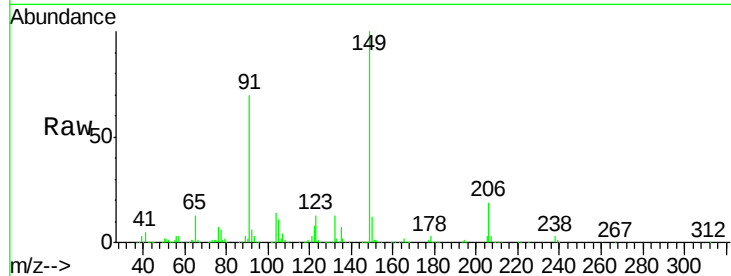




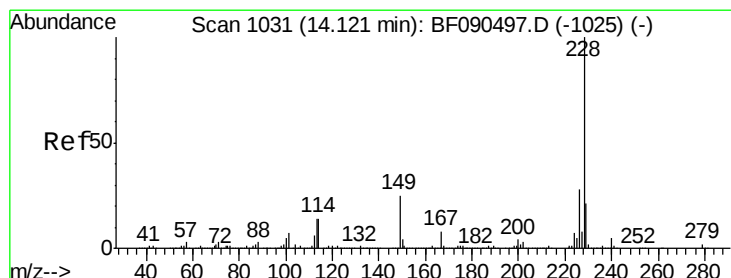
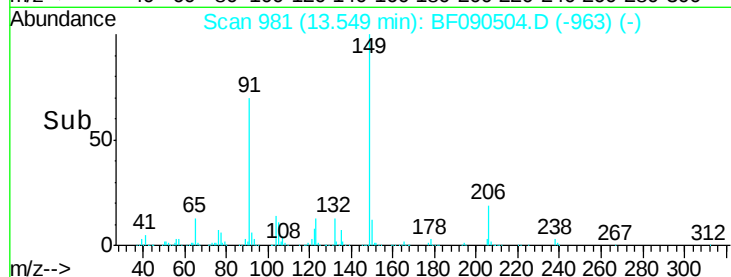
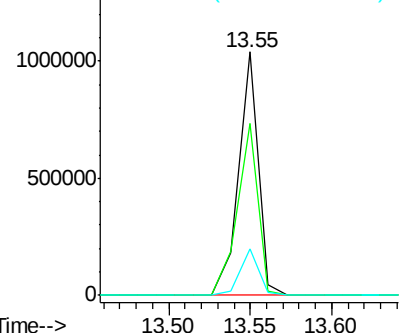
#79
Butylbenzylphthalate
Concen: 39.87 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 868768
Ion Ratio Lower Upper
149 100
91 70.5 51.8 77.8
206 18.9 18.0 27.0

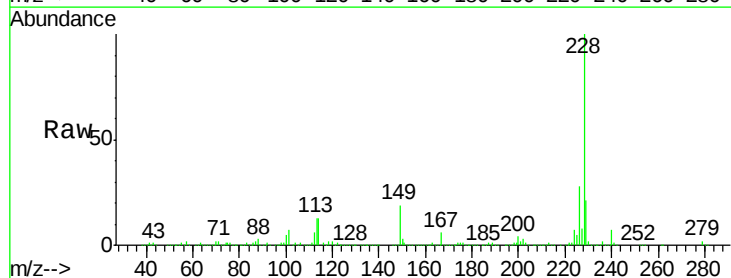


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

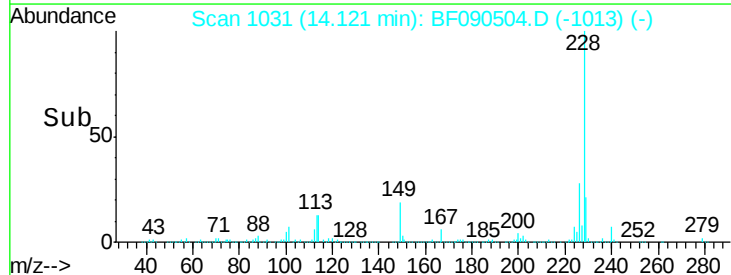
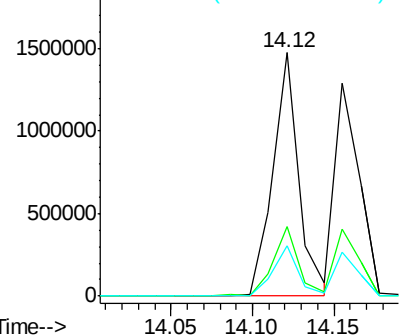


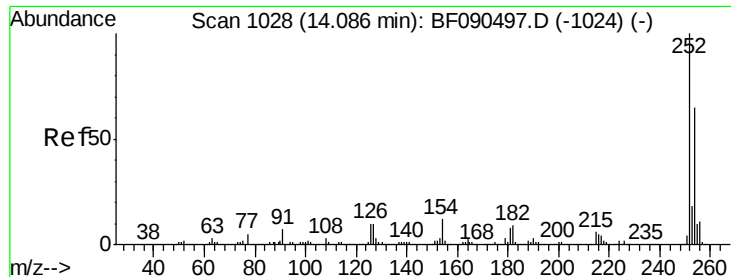
#80
Benzo(a)anthracene
Concen: 37.02 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:228 Resp: 1640292
Ion Ratio Lower Upper
228 100
226 28.3 23.6 35.4
229 20.6 16.6 25.0



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

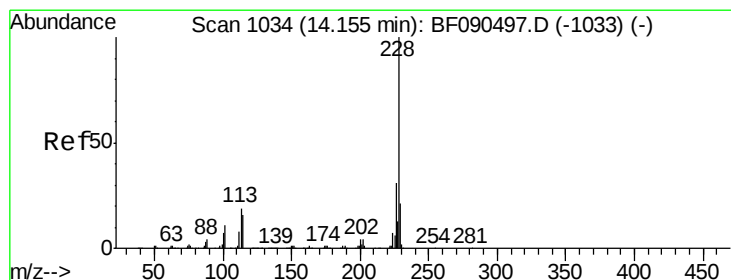
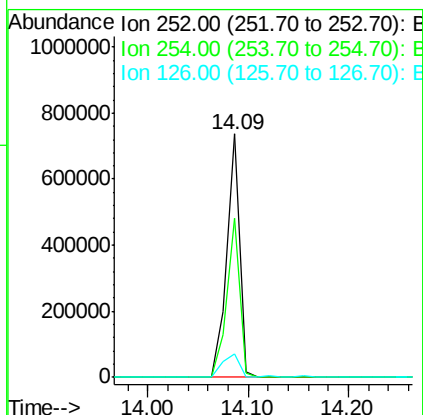
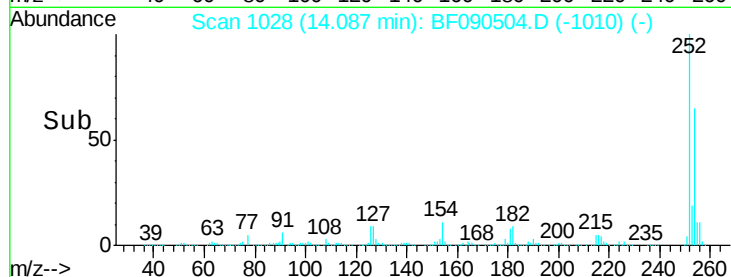
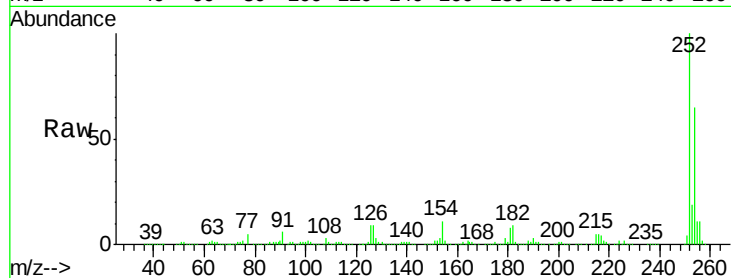




#81
 3,3'-Dichlorobenzidine
 Concen: 41.42 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

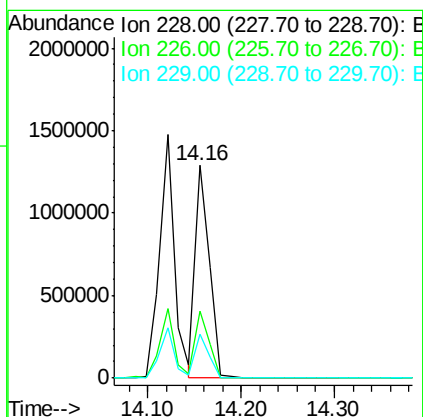
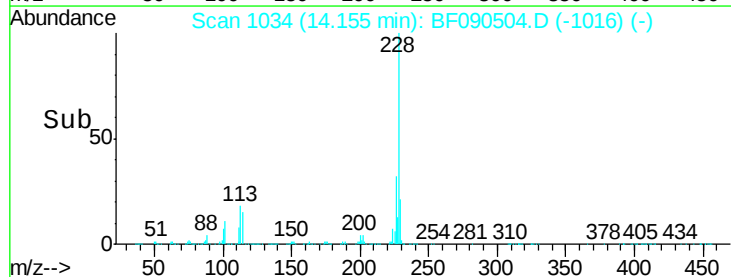
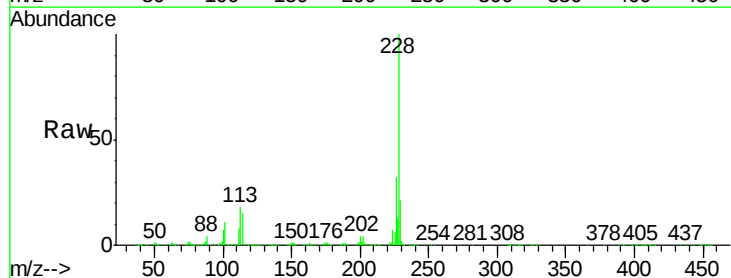
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

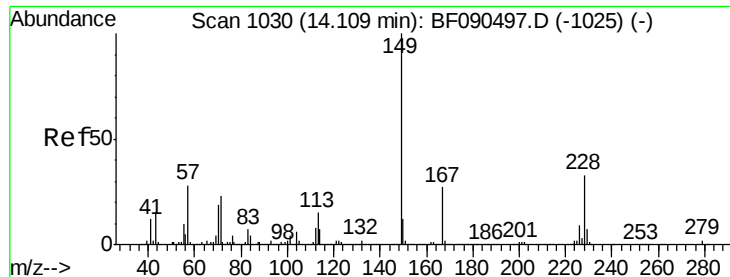
Tgt Ion:252 Resp: 660486
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.1 78.1
 126 9.4 4.2 6.4#



#82
 Chrysene
 Concen: 33.11 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:228 Resp: 1365718
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.8 38.6
 229 20.6 16.9 25.3

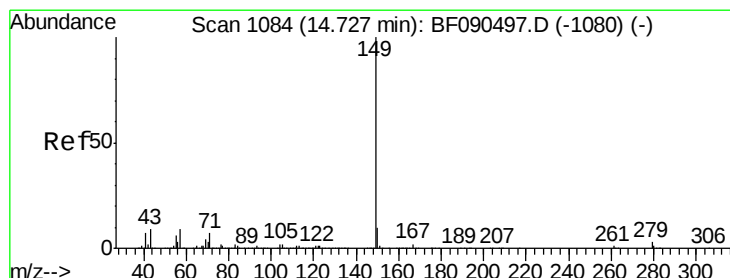
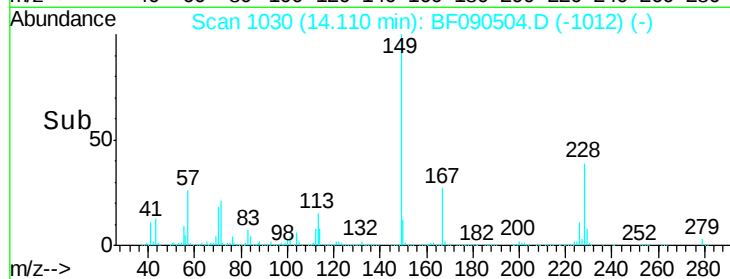
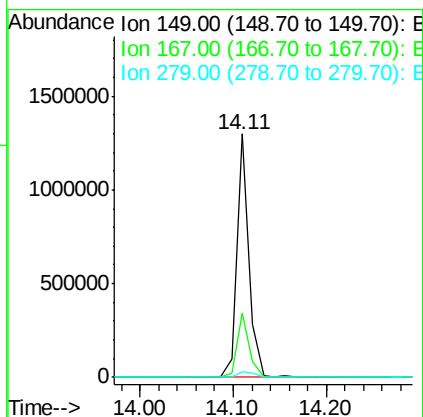
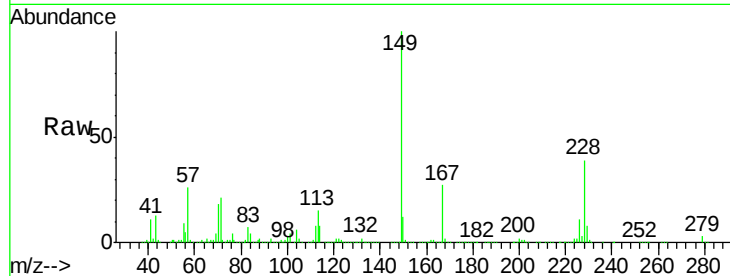




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.55 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

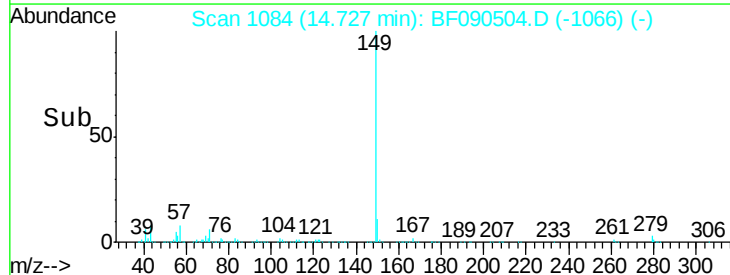
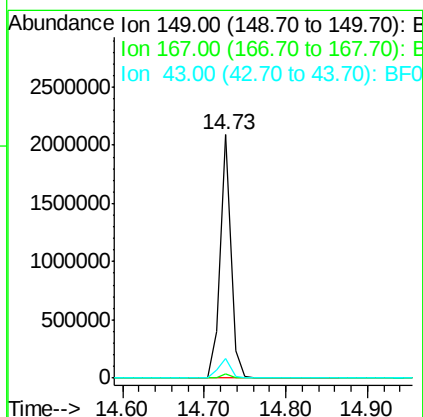
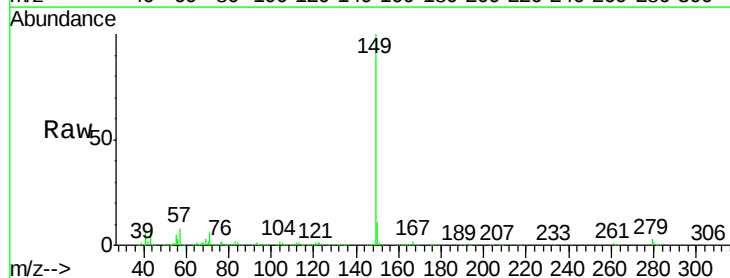
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

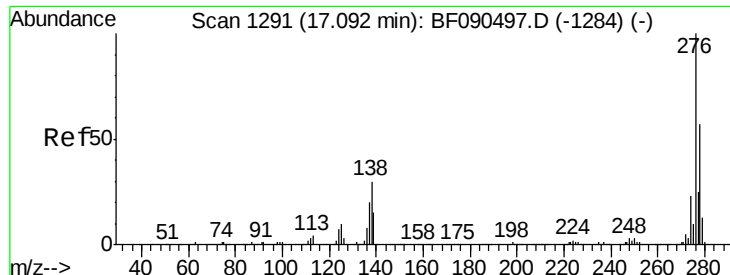
Tgt Ion:149 Resp: 1162316
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.5 32.3
 279 2.5 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 38.44 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:149 Resp: 1892849
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.0 11.8 17.8#

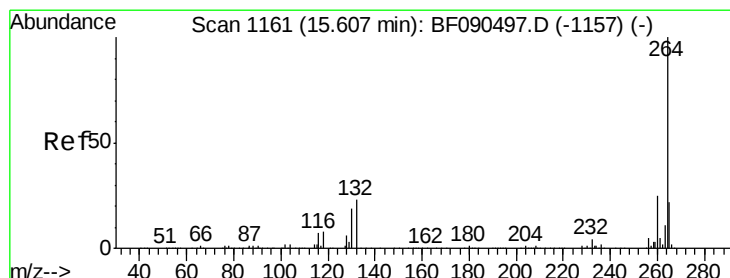
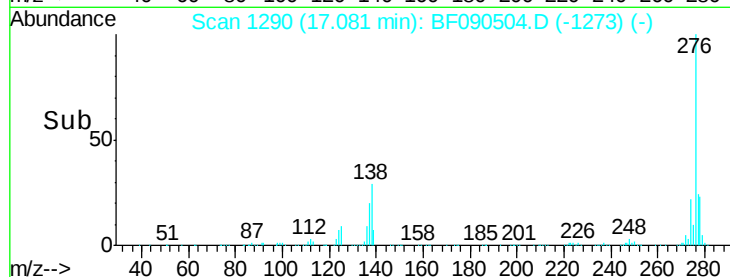
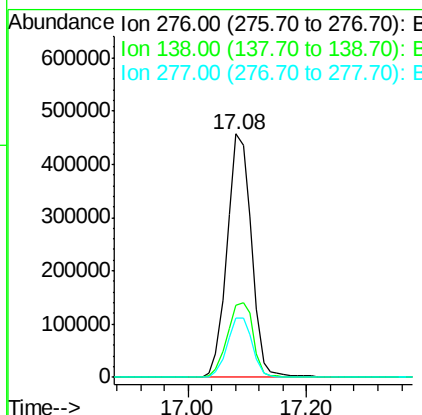
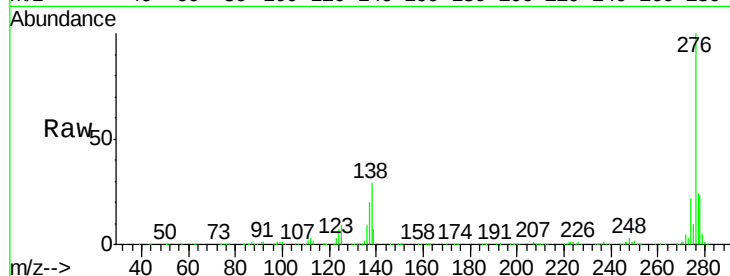




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.76 ng
 RT: 17.08 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

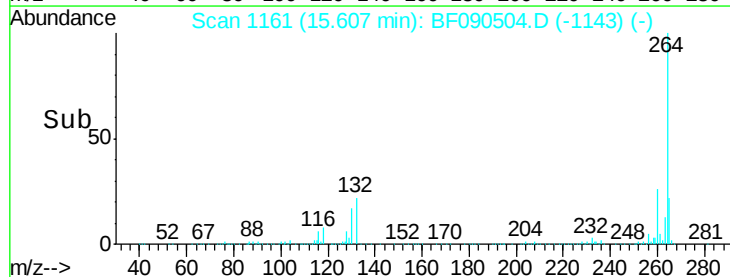
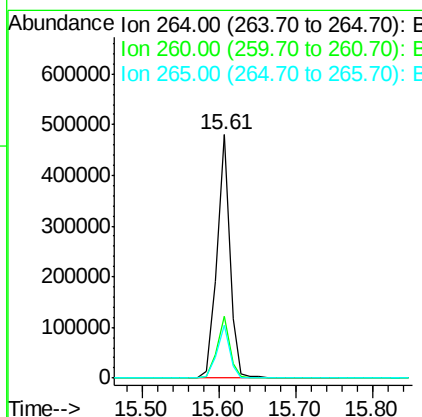
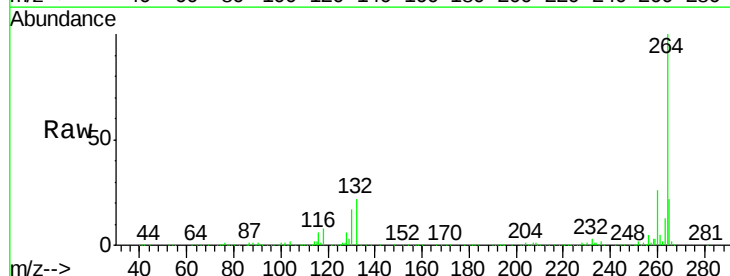
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

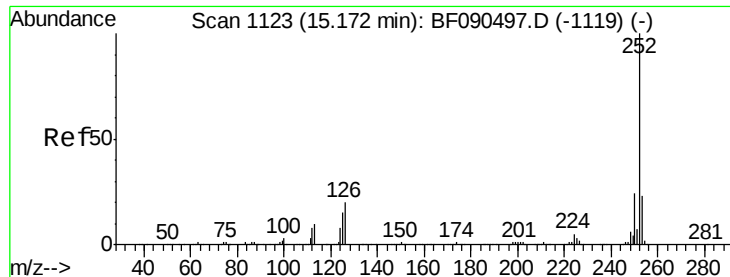
Tgt Ion:276 Resp: 1296801
 Ion Ratio Lower Upper
 276 100
 138 32.9 23.8 35.8
 277 25.3 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Tgt Ion:264 Resp: 563878
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.3 28.9
 265 21.9 17.4 26.0

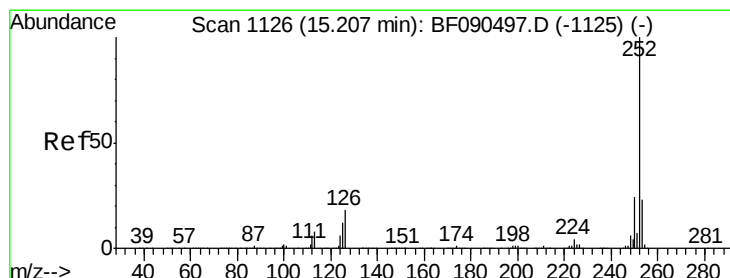
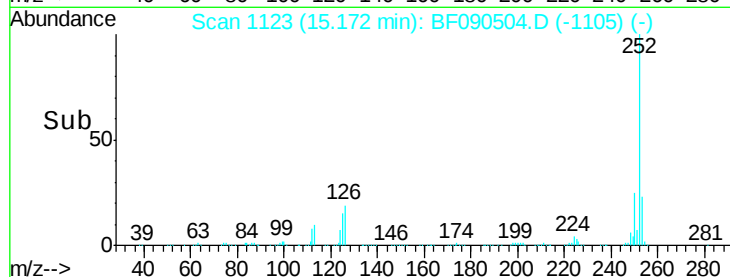
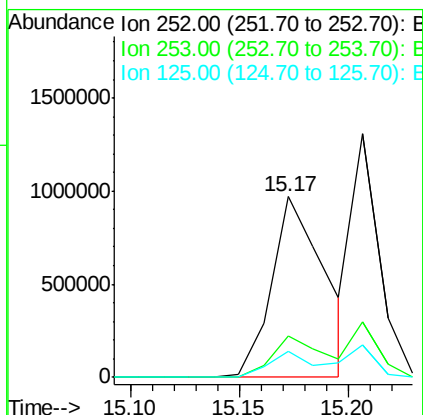
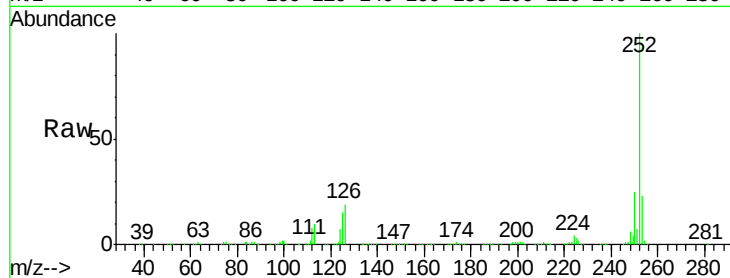




#87
Benzo(b)fluoranthene
Concen: 44.29 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

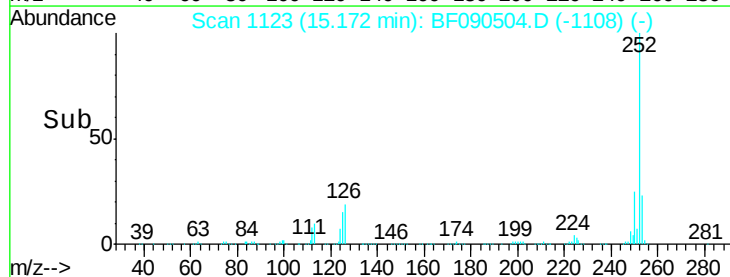
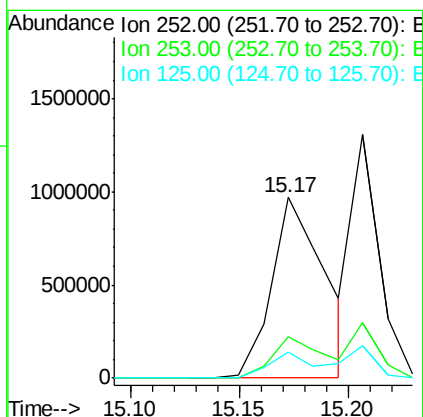
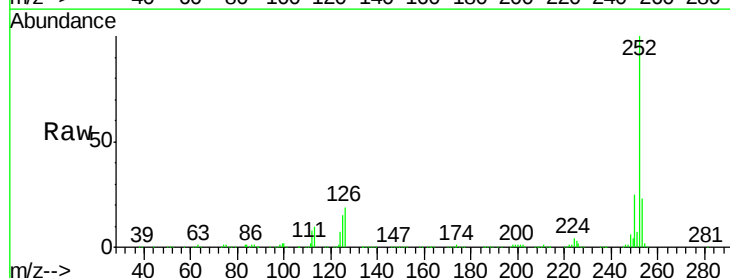
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

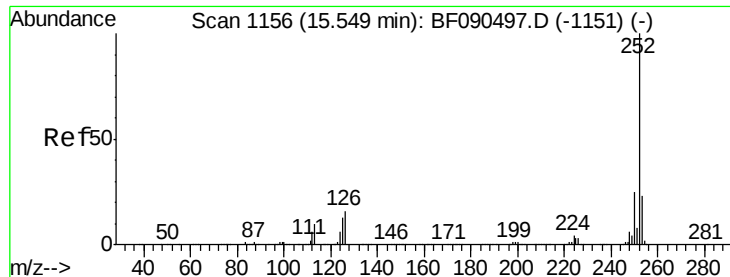
Tgt Ion:252 Resp: 1647822
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 49.72 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090504.D
Acq: 11 Oct 2016 16:18

Tgt Ion:252 Resp: 1647822
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 14.7 11.7 17.5





#89

Benzo(a)pyrene

Concen: 41.81 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

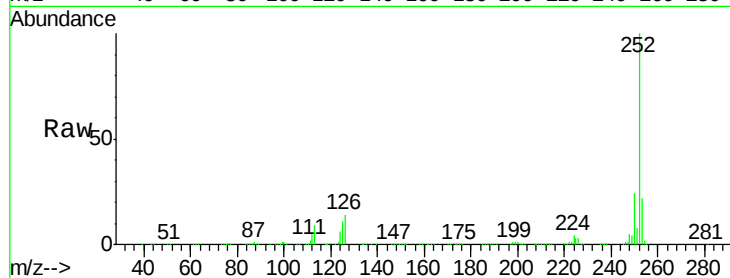
Tgt Ion:252 Resp: 1366111

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

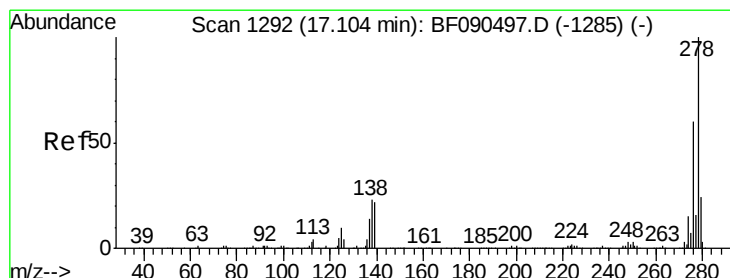
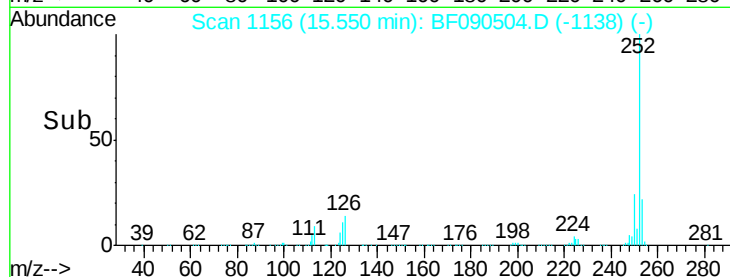
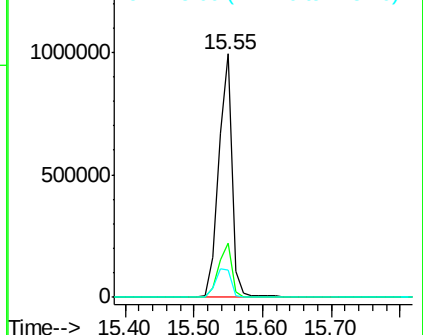
125 11.3 9.8 14.8



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: 40.79 ng

RT: 17.10 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF090504.D

Acq: 11 Oct 2016 16:18

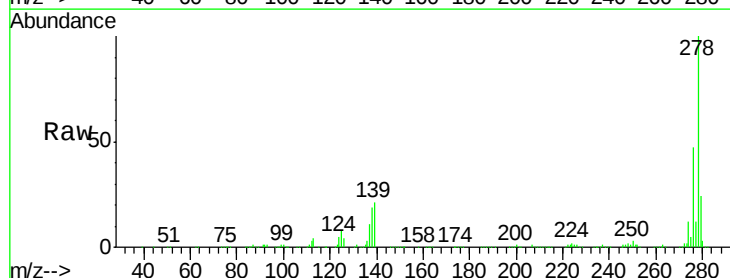
Tgt Ion:278 Resp: 1131921

Ion Ratio Lower Upper

278 100

139 21.0 12.8 19.2#

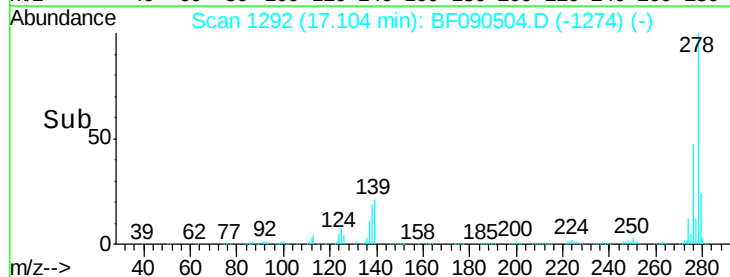
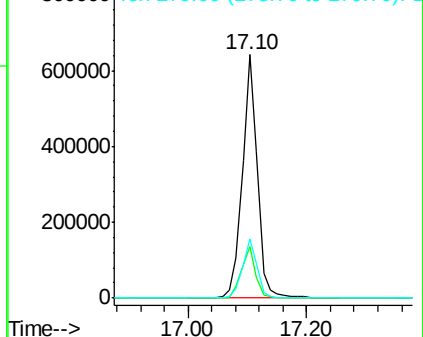
279 24.5 19.6 29.4

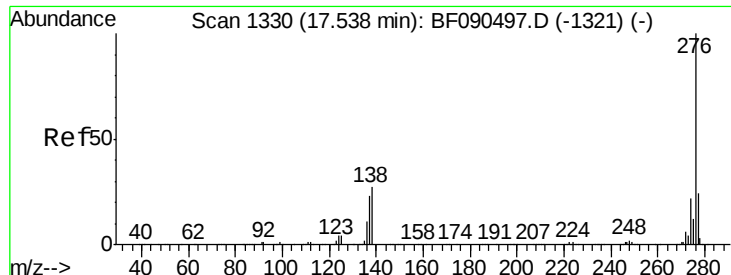


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 40.44 ng
 RT: 17.54 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF090504.D
 Acq: 11 Oct 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1037861
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.4 29.0
 138 24.7 20.8 31.2

