

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090524.D
 Acq On : 12 Oct 2016 1:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 12 05:38:09 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	218322	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	897401	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	479325	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	806999	20.00	ng	0.01
75) Chrysene-d12	14.13	240	647131	20.00	ng	0.00
86) Perylene-d12	15.61	264	446673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1149421	81.91	ng	0.01
7) Phenol-d6	6.60	99	1401644	79.15	ng	0.01
23) Nitrobenzene-d5	7.53	82	1300494	78.60	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	393699	82.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1987878	69.69	ng	0.00
78) Terphenyl-d14	13.08	244	2484161	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	261863	38.04	ng	# 79
3) Pyridine	3.40	79	707104	37.17	ng	# 74
4) n-Nitrosodimethylamine	3.34	42	226869	36.38	ng	# 33
6) Aniline	6.62	93	867349	38.61	ng	91
8) 2-Chlorophenol	6.75	128	603019	40.39	ng	# 82
9) Benzaldehyde	6.50	77	423035	37.92	ng	95
10) Phenol	6.61	94	850312	42.57	ng	85
11) bis(2-Chloroethyl)ether	6.69	93	597941	39.99	ng	95
12) 1,3-Dichlorobenzene	6.90	146	665787	41.34	ng	99
13) 1,4-Dichlorobenzene	6.90	146	665787	40.51	ng	96
14) 1,2-Dichlorobenzene	7.13	146	598573	40.08	ng	99
15) Benzyl Alcohol	7.10	79	565347	41.58	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	782336	36.51	ng	83
17) 2-Methylphenol	7.22	107	510609	42.05	ng	99
18) Hexachloroethane	7.47	117	233655	38.53	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	441509	39.09	ng	# 73
20) 3+4-Methylphenols	7.37	107	578649	37.64	ng	# 70
22) Acetophenone	7.37	105	744664	37.69	ng	# 94
24) Nitrobenzene	7.54	77	589191	33.20	ng	98
25) Isophorone	7.79	82	1132441	37.61	ng	# 93
26) 2-Nitrophenol	7.86	139	342099	42.25	ng	93
27) 2,4-Dimethylphenol	7.90	122	579204	42.08	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	732543	39.39	ng	99
29) 2,4-Dichlorophenol	8.11	162	456584	39.67	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	534866	40.45	ng	95
31) Naphthalene	8.27	128	1758289	39.33	ng	99
32) Benzoic acid	8.03	122	423553	38.99	ng	99
33) 4-Chloroaniline	8.31	127	757852	40.04	ng	# 92
34) Hexachlorobutadiene	8.38	225	289099	39.11	ng	99
35) Caprolactam	8.69	113	139074	37.27	ng	# 75
36) 4-Chloro-3-methylphenol	8.81	107	512734	38.14	ng	# 81
37) 2-Methylnaphthalene	8.95	142	1029542	34.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	563639	42.00	ng	99
40) Hexachlorocyclopentadiene	9.11	237	260838	39.16	ng	98

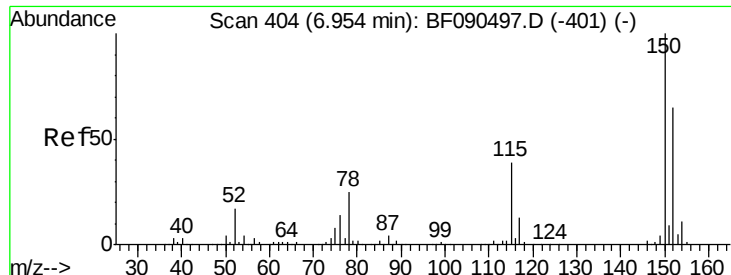
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	389945	43.10	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	315389	35.22	ng	95
45) 1,1'-Biphenyl	9.42	154	1432982	39.14	ng	98
46) 2-Chloronaphthalene	9.45	162	1004766	36.89	ng	99
47) 2-Nitroaniline	9.54	65	343208	35.33	ng	94
48) Acenaphthylene	9.87	152	1734508	39.47	ng	98
49) Dimethylphthalate	9.73	163	1229746	38.15	ng	# 96
50) 2,6-Dinitrotoluene	9.79	165	299017	42.01	ng	# 60
51) Acenaphthene	10.04	154	1147006	38.94	ng	98
52) 3-Nitroaniline	9.96	138	373402	42.28	ng	# 78
53) 2,4-Dinitrophenol	10.05	184	93198	23.60	ng	# 75
54) Dibenzofuran	10.21	168	1526684	38.96	ng	98
55) 4-Nitrophenol	10.12	139	252787	36.83	ng	87
56) 2,4-Dinitrotoluene	10.19	165	410167	43.57	ng	# 71
57) Fluorene	10.55	166	1274881	39.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	293000	39.23	ng	89
59) Diethylphthalate	10.43	149	1277562	38.97	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	609484	41.29	ng	95
61) 4-Nitroaniline	10.57	138	347544	38.57	ng	94
62) Azobenzene	10.70	77	1358153	37.93	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	177373	32.91	ng	# 39
65) n-Nitrosodiphenylamine	10.66	169	982512	37.44	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	378835	42.37	ng	95
67) Hexachlorobenzene	11.10	284	422420	42.76	ng	# 90
68) Atrazine	11.19	200	354669	43.67	ng	95
69) Pentachlorophenol	11.30	266	201133	34.22	ng	98
70) Phenanthrene	11.51	178	1670327	37.56	ng	98
71) Anthracene	11.57	178	1734227	38.49	ng	97
72) Carbazole	11.72	167	1450084	34.08	ng	99
73) Di-n-butylphthalate	12.05	149	2009883	39.22	ng	98
74) Fluoranthene	12.70	202	1694488	37.32	ng	97
76) Benzidine	12.83	184	695537	34.20	ng	98
77) Pyrene	12.93	202	1654717	40.85	ng	99
79) Butylbenzylphthalate	13.55	149	826545	43.59	ng	# 84
80) Benzo(a)anthracene	14.12	228	1549264	40.17	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	544816	39.25	ng	# 97
82) Chrysene	14.17	228	1579592	44.00	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1210727	43.75	ng	# 97
84) Di-n-octyl phthalate	14.73	149	1849144	43.15	ng	# 86
85) Indeno(1,2,3-cd)pyrene	17.09	276	1005788	33.65	ng	98
87) Benzo(b)fluoranthene	15.18	252	1322043	44.86	ng	99
88) Benzo(k)fluoranthene	15.18	252	1322043	50.36	ng	# 94
89) Benzo(a)pyrene	15.55	252	1072555	41.44	ng	100
90) Dibenzo(a,h)anthracene	17.10	278	882245	40.13	ng	# 95
91) Benzo(g,h,i)perylene	17.54	276	787197	38.72	ng	99

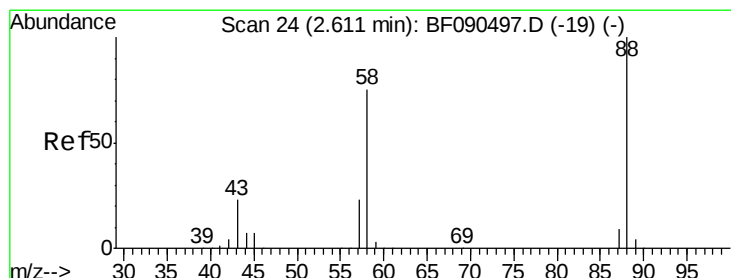
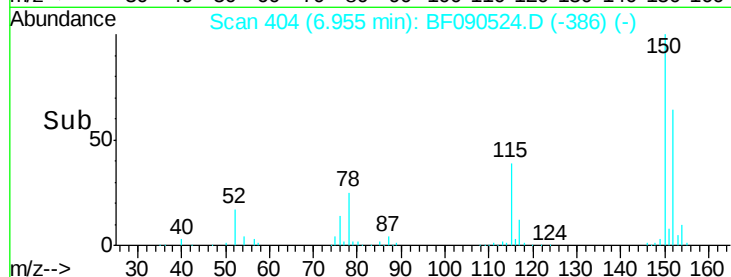
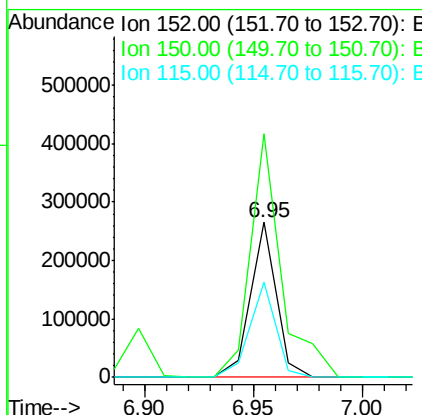
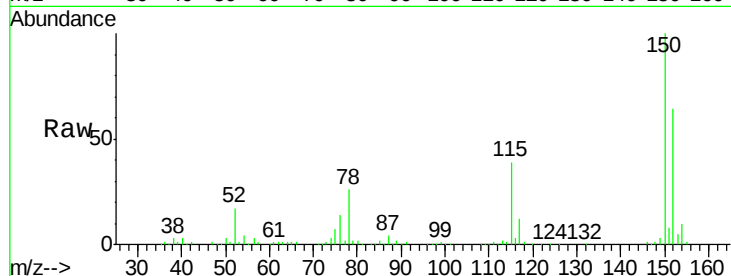
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

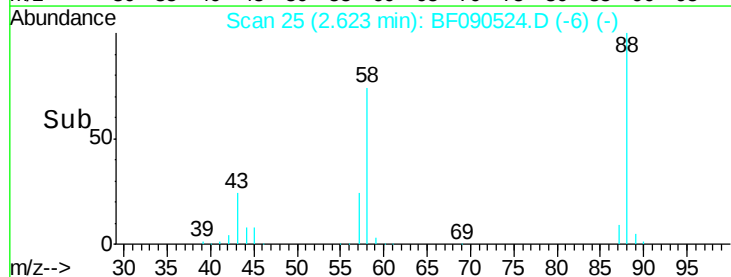
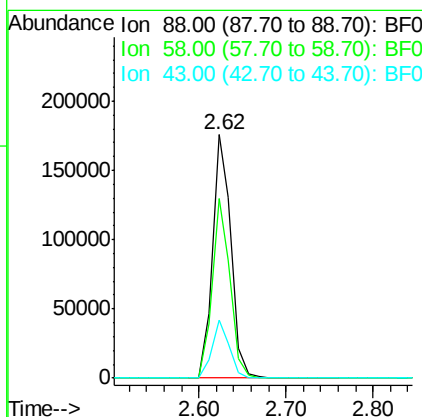
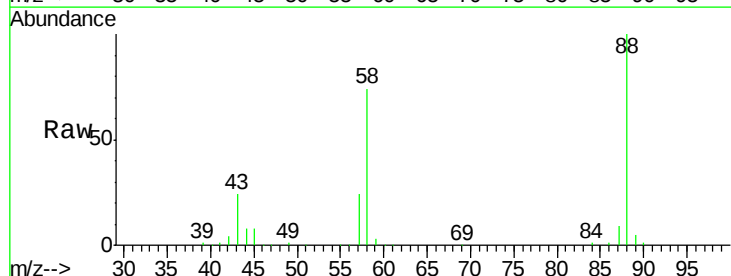
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

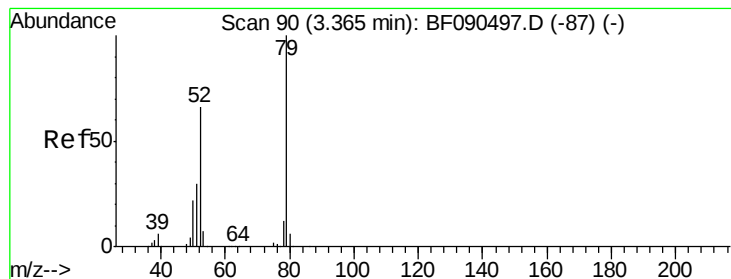
Tgt Ion: 152 Resp: 218322
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 61.3 46.2 69.4



#2
 1,4-Dioxane
 Concen: 38.04 ng
 RT: 2.62 min Scan# 25
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion: 88 Resp: 261863
 Ion Ratio Lower Upper
 88 100
 58 71.3 71.2 106.8
 43 22.5 29.8 44.6#





#3

Pyridine

Concen: 37.17 ng

RT: 3.40 min Scan# 93

Delta R.T. 0.03 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

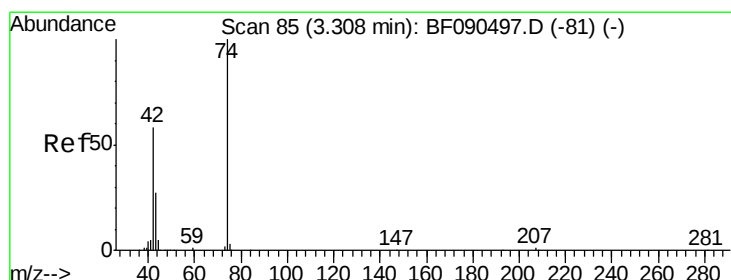
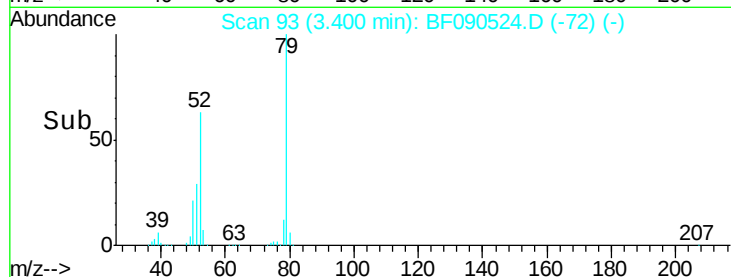
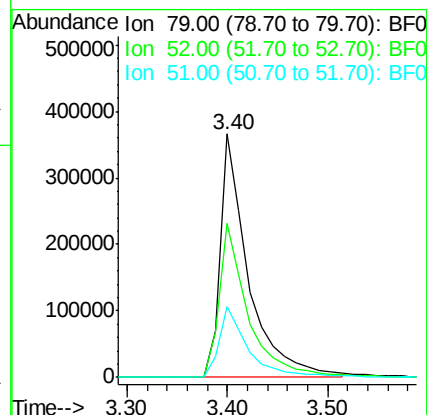
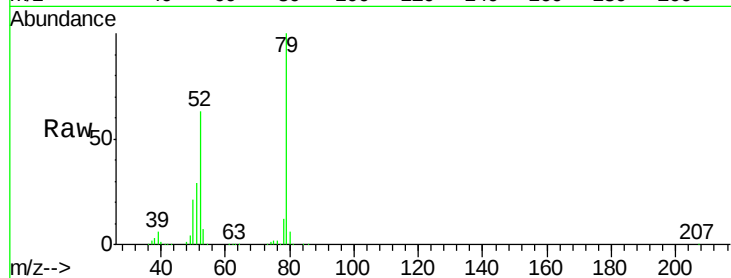
Tgt Ion: 79 Resp: 707104

Ion Ratio Lower Upper

79 100

52 63.3 71.3 106.9#

51 29.3 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 36.38 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.03 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

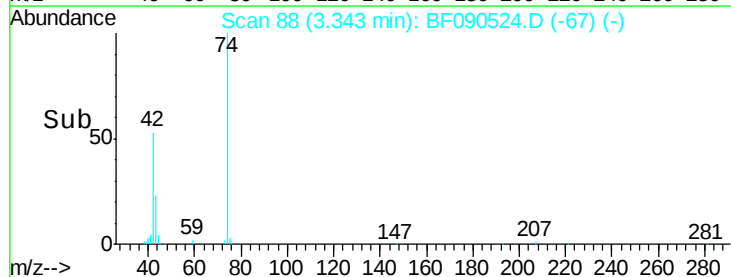
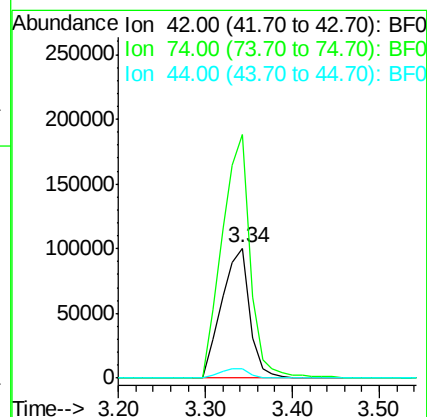
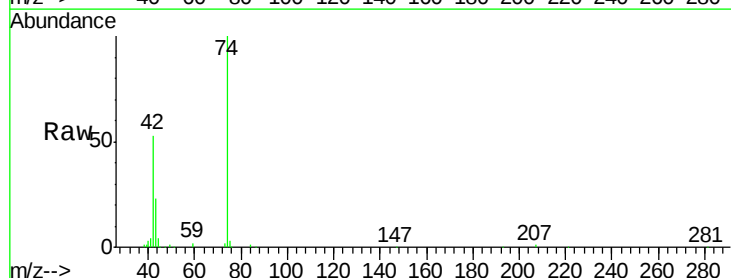
Tgt Ion: 42 Resp: 226869

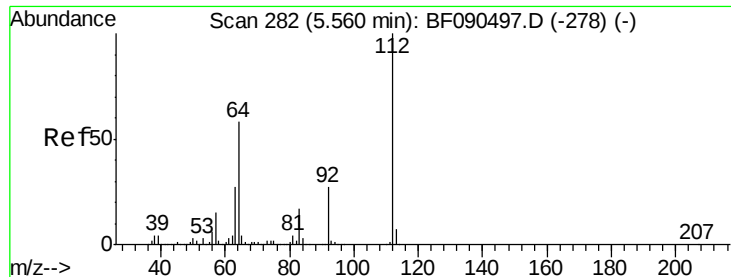
Ion Ratio Lower Upper

42 100

74 187.3 88.9 133.3#

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 81.91 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

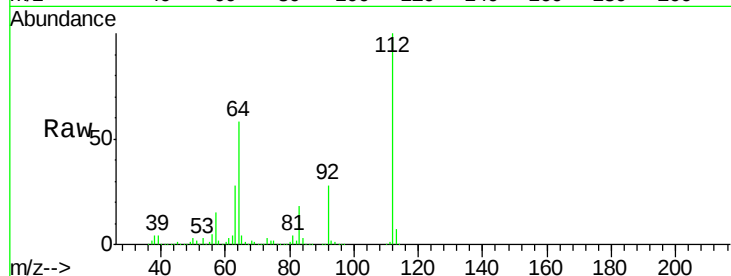
Tgt Ion: 112 Resp: 1149421

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

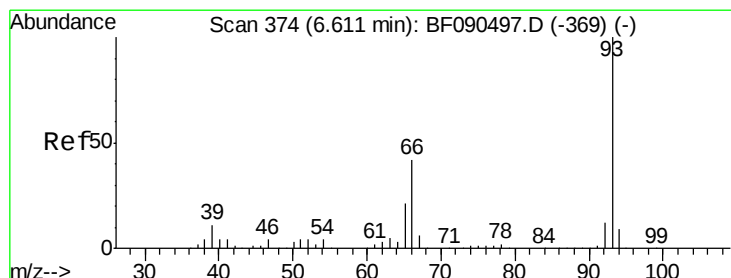
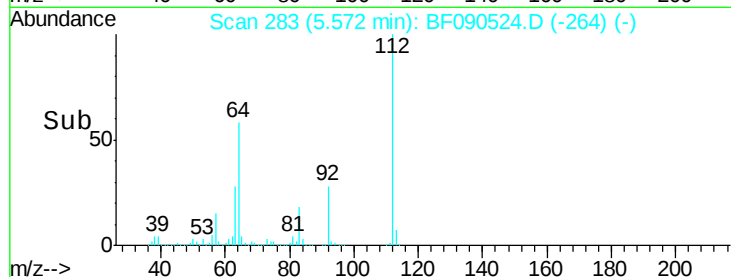
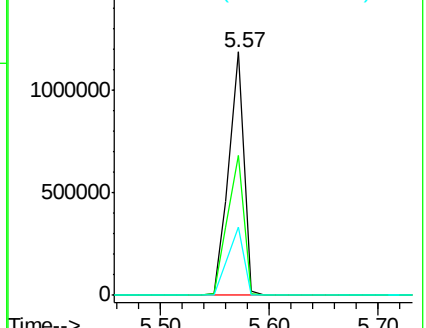
63 27.8 29.6 44.4#



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: 38.61 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

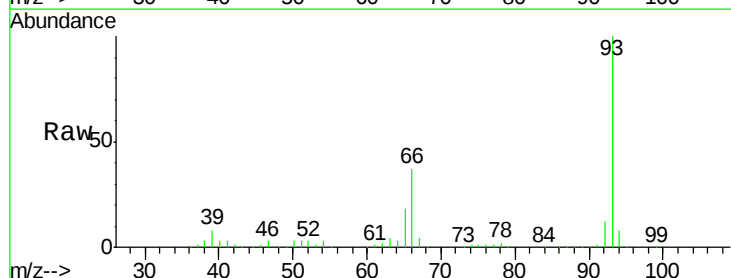
Tgt Ion: 93 Resp: 867349

Ion Ratio Lower Upper

93 100

66 37.1 34.5 51.7

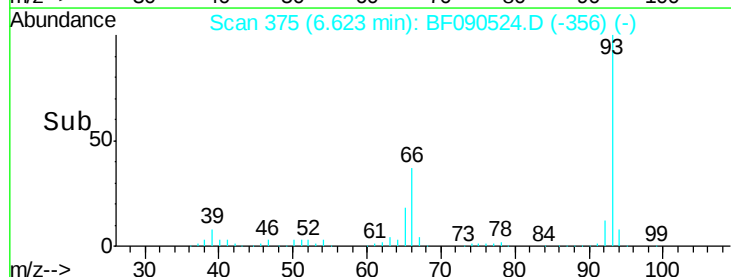
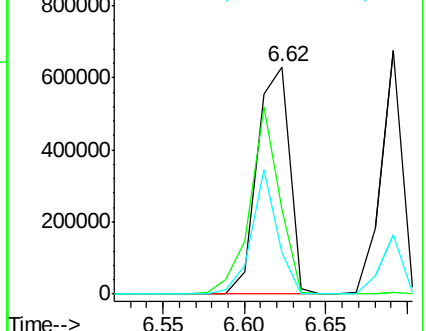
65 18.2 18.2 27.2

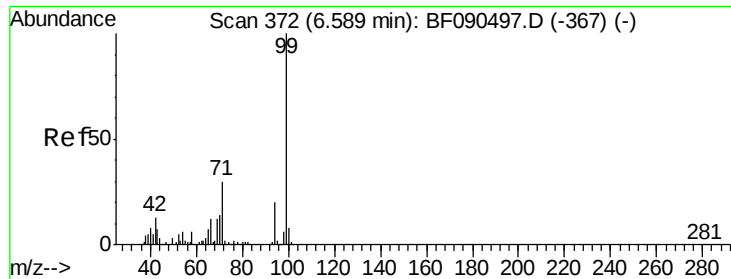


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.15 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

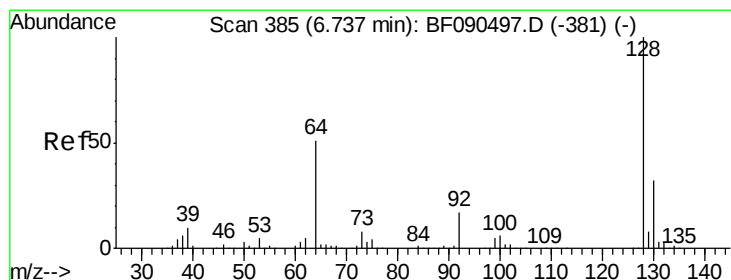
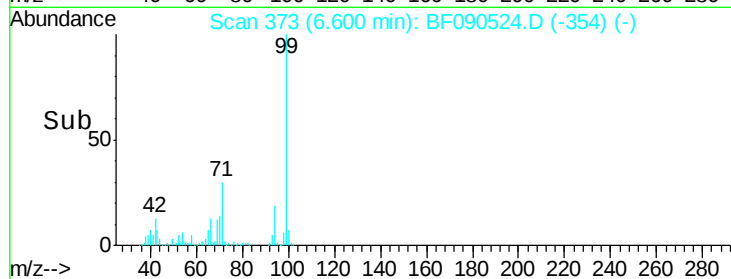
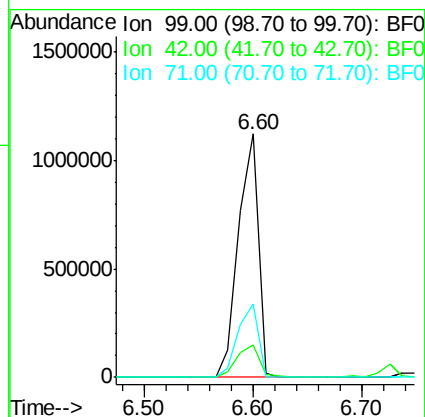
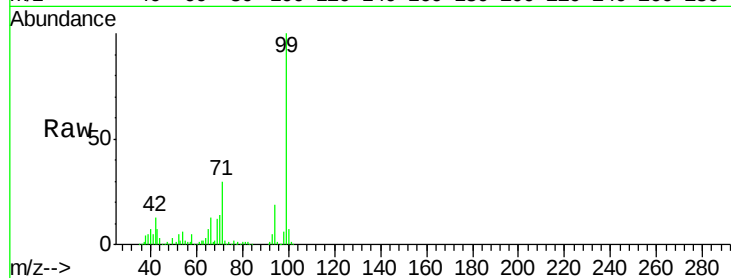
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1401644

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



#8

2-Chlorophenol

Concen: 40.39 ng

RT: 6.75 min Scan# 386

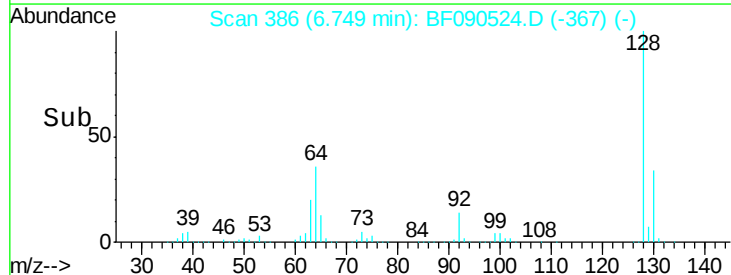
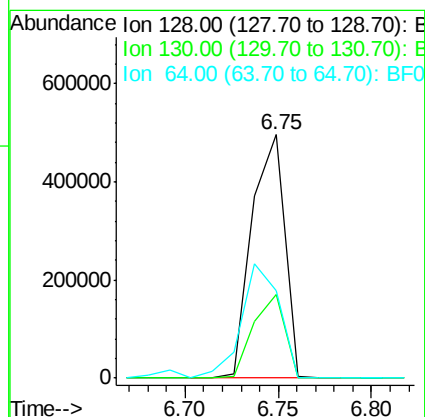
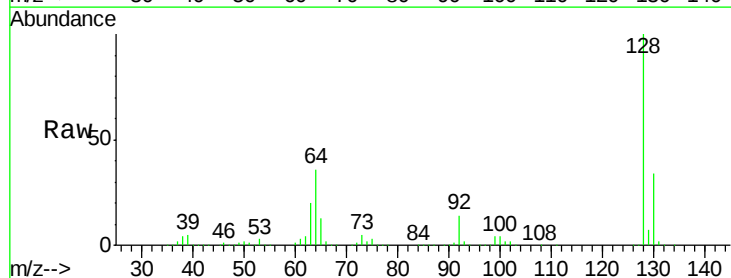
Delta R.T. 0.01 min

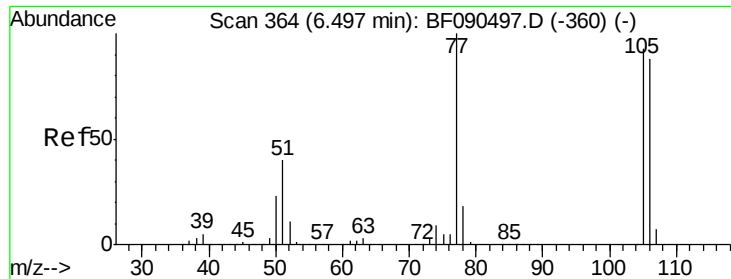
Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Tgt Ion: 128 Resp: 603019

Ion	Ratio	Lower	Upper
128	100		
130	34.5	13.3	53.3
64	35.7	36.0	76.0#





#9

Benzaldehyde

Concen: 37.92 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

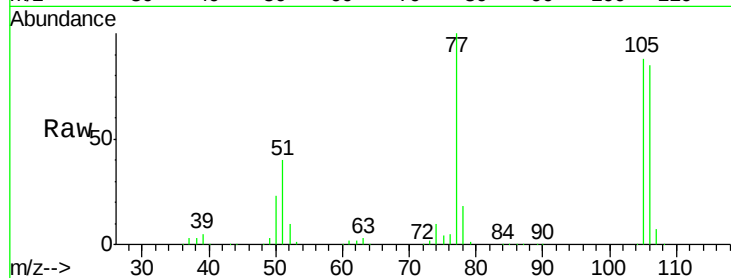
Tgt Ion: 77 Resp: 423035

Ion Ratio Lower Upper

77 100

105 88.3 73.1 113.1

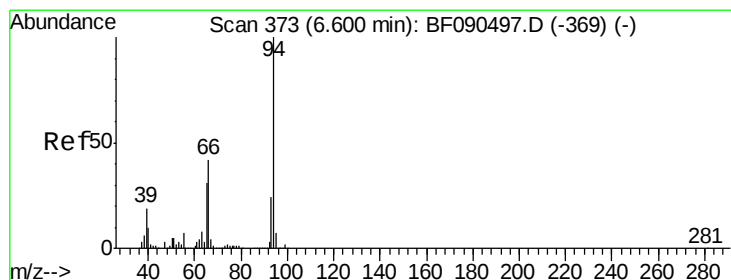
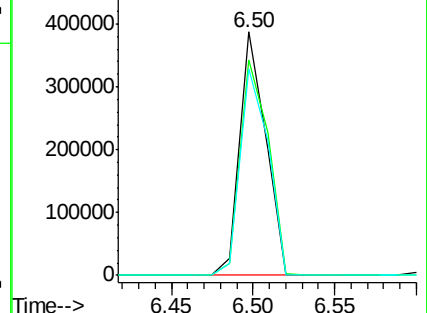
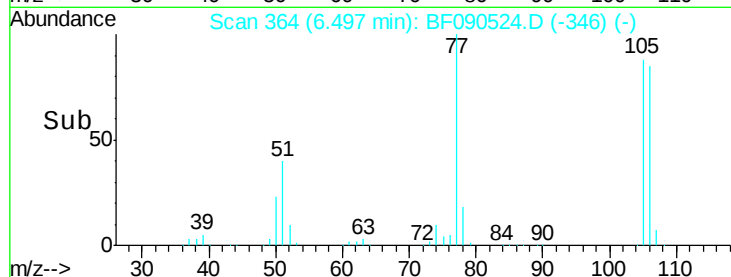
106 84.9 70.2 110.2



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



#10

Phenol

Concen: 42.57 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

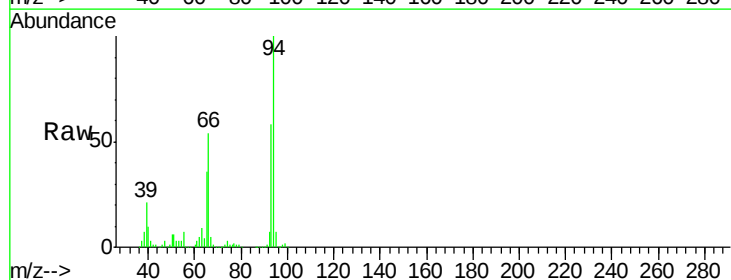
Tgt Ion: 94 Resp: 850312

Ion Ratio Lower Upper

94 100

65 36.1 13.3 53.3

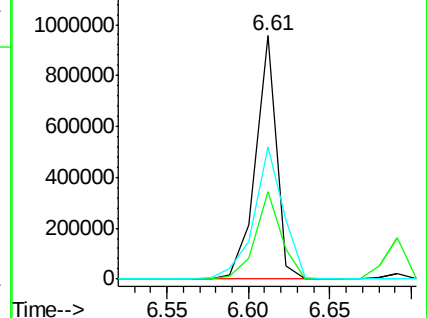
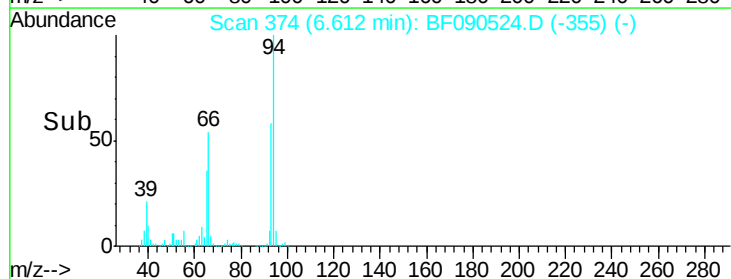
66 54.4 20.4 60.4

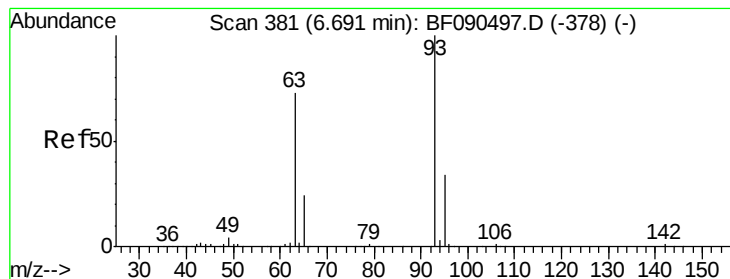


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.99 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

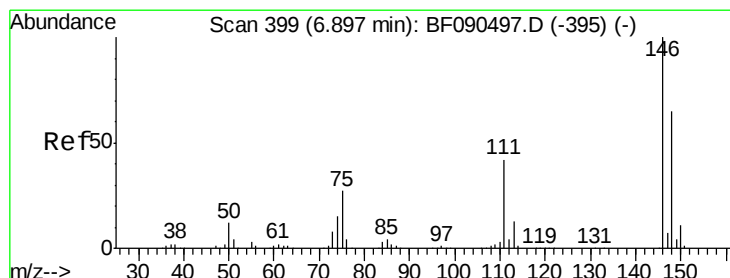
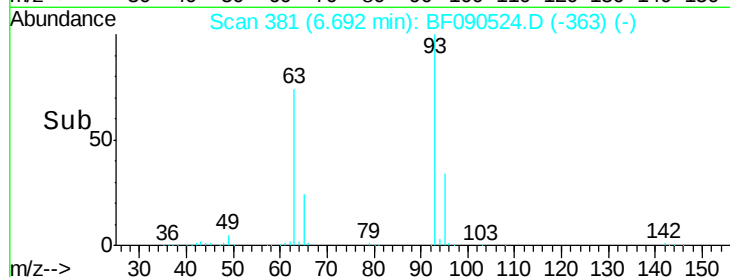
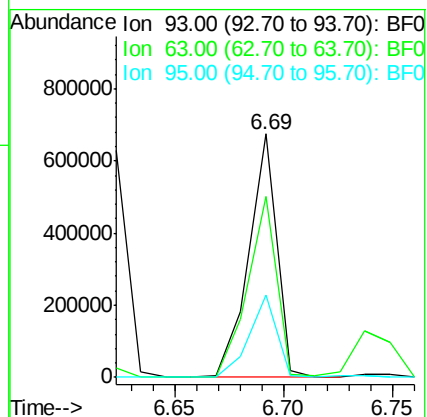
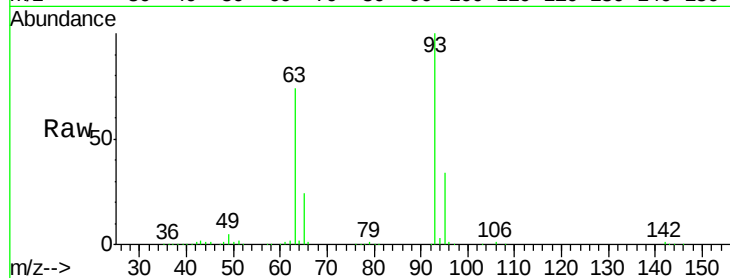
Tgt Ion: 93 Resp: 597941

Ion Ratio Lower Upper

93 100

63 74.2 59.7 99.7

95 33.7 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 41.34 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

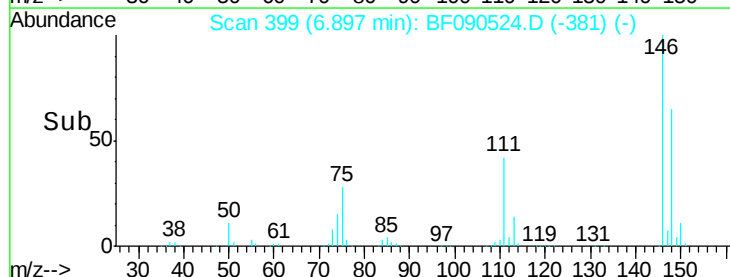
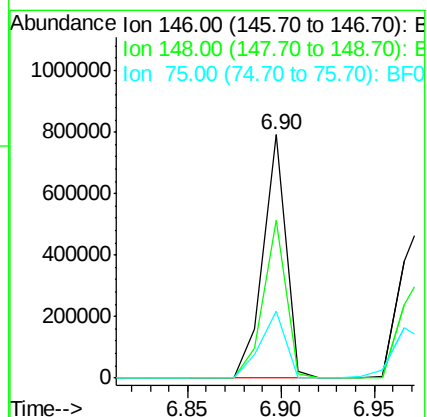
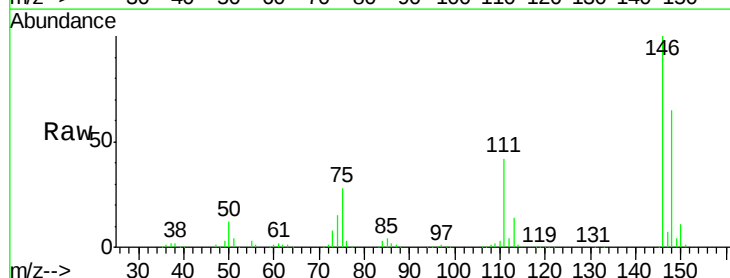
Tgt Ion: 146 Resp: 665787

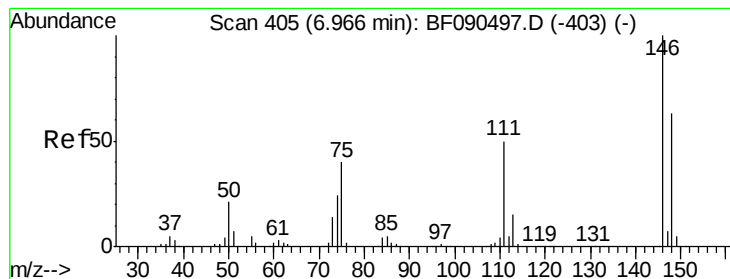
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

75 27.7 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 40.51 ng

RT: 6.90 min Scan# 399

Delta R.T. -0.07 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

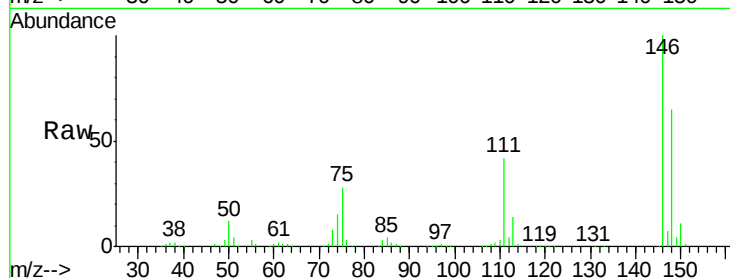
Tgt Ion:146 Resp: 665787

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

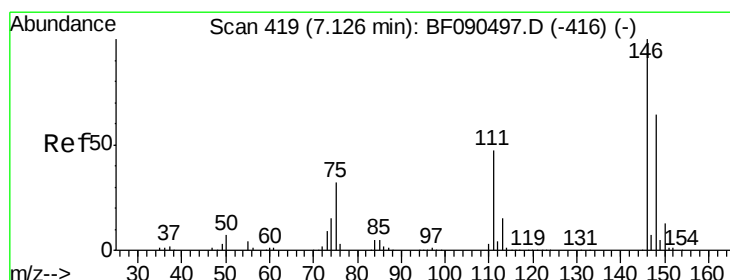
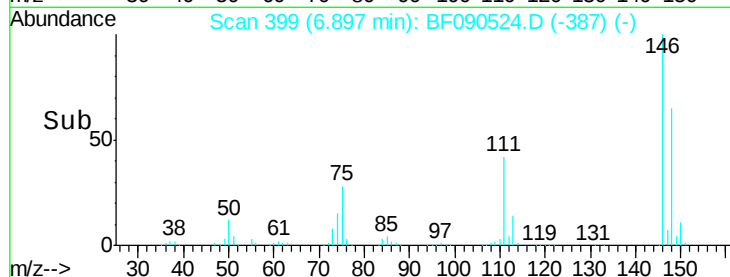
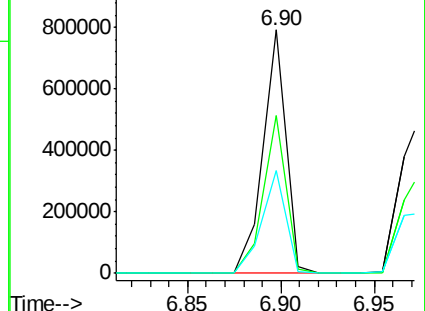
111 42.3 37.8 56.6



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: 40.08 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

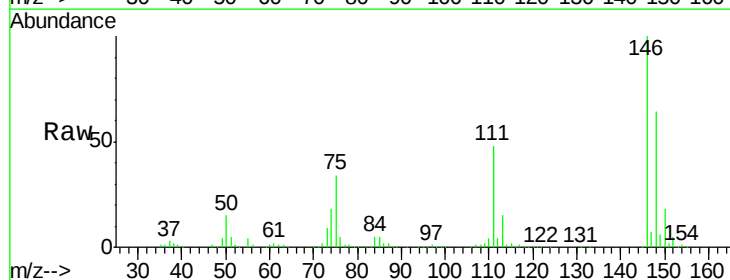
Tgt Ion:146 Resp: 598573

Ion Ratio Lower Upper

146 100

148 63.9 52.3 78.5

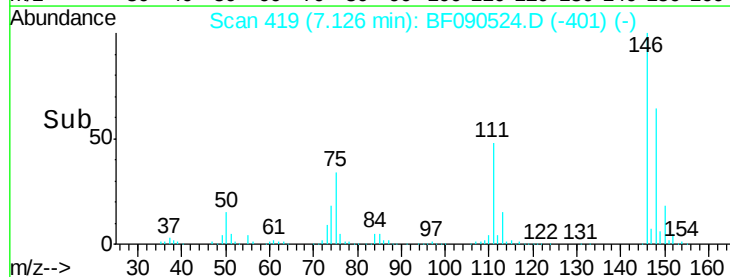
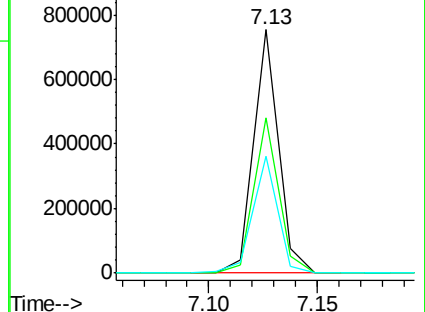
111 48.3 38.2 57.4



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: 41.58 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

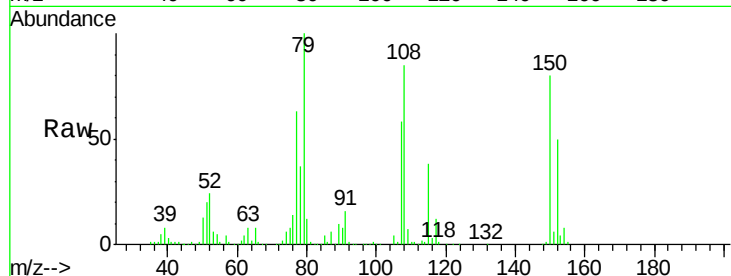
Tgt Ion: 79 Resp: 565347

Ion Ratio Lower Upper

79 100

108 84.5 60.9 91.3

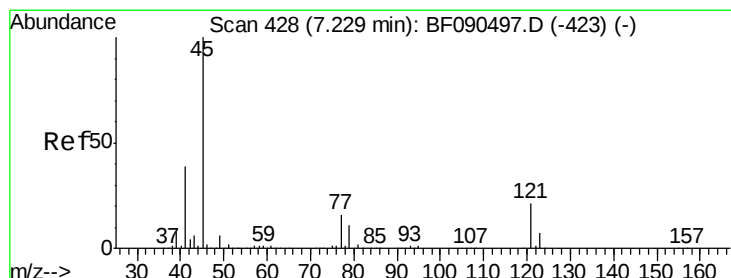
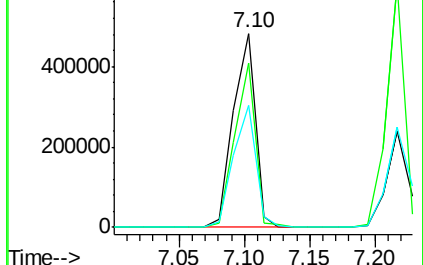
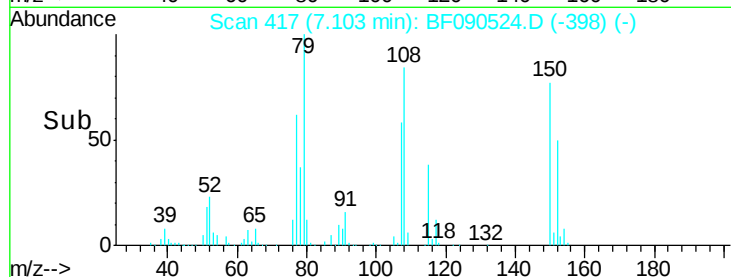
77 62.5 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.51 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

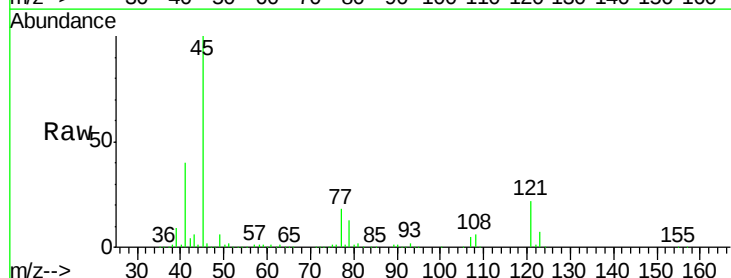
Tgt Ion: 45 Resp: 782336

Ion Ratio Lower Upper

45 100

77 17.9 0.0 30.8

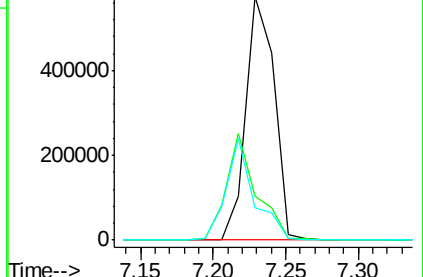
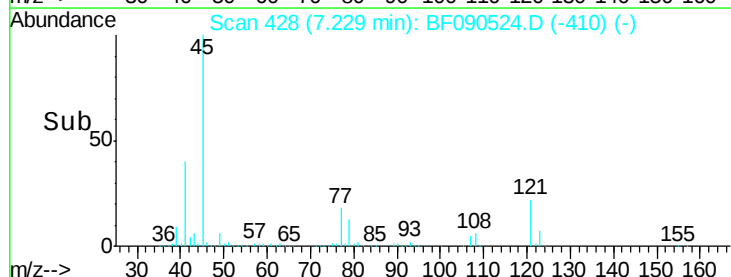
79 13.5 0.0 28.2

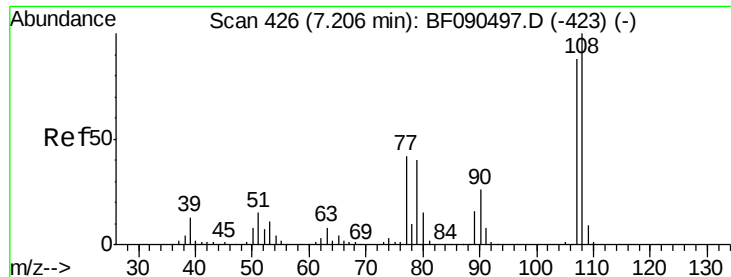


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

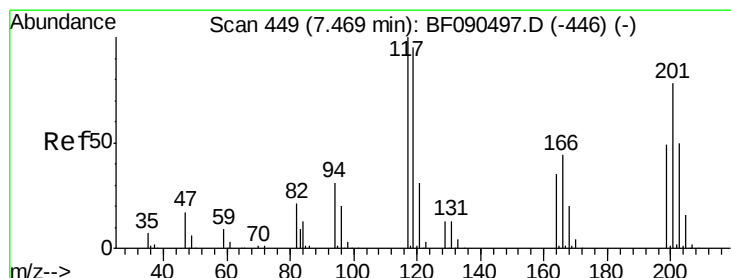
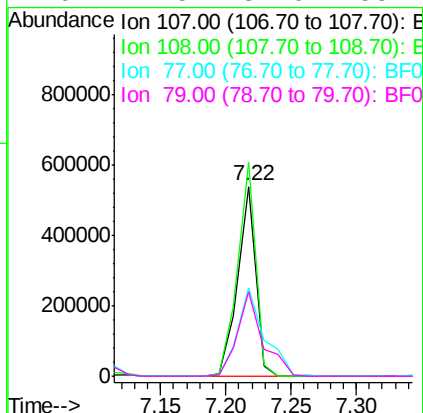
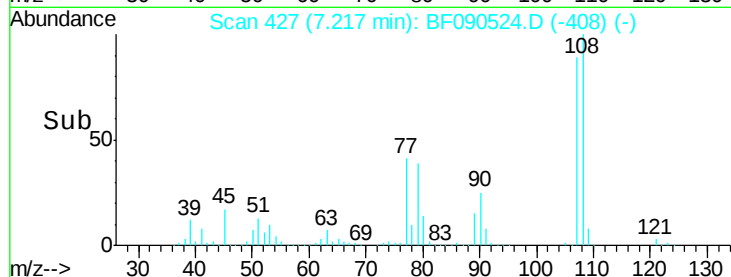
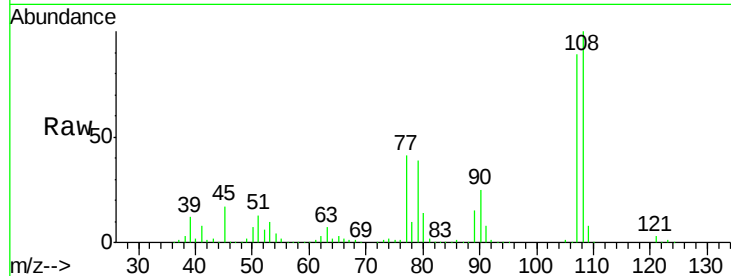




#17
 2-Methylphenol
 Concen: 42.05 ng
 RT: 7.22 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

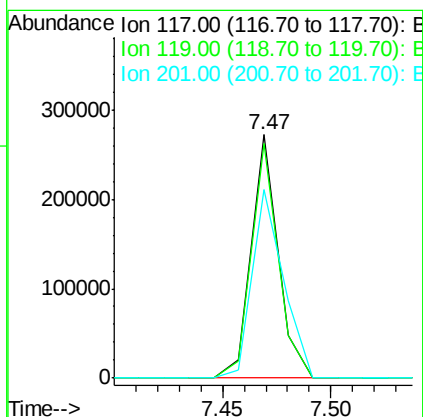
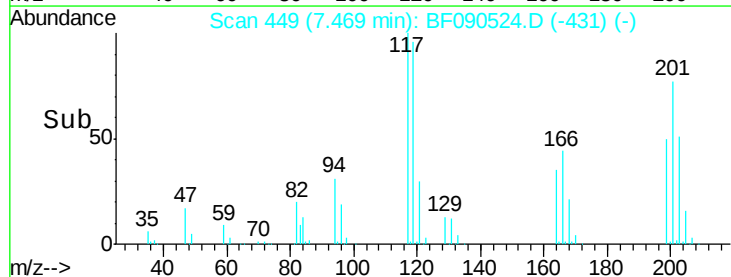
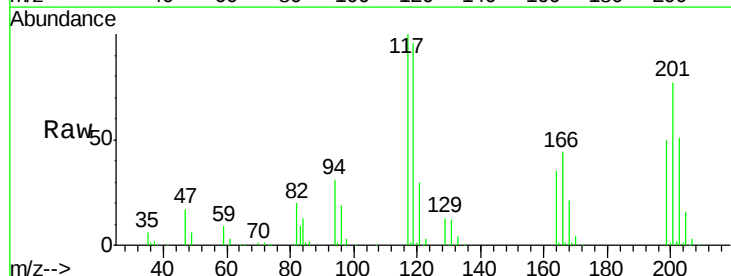
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

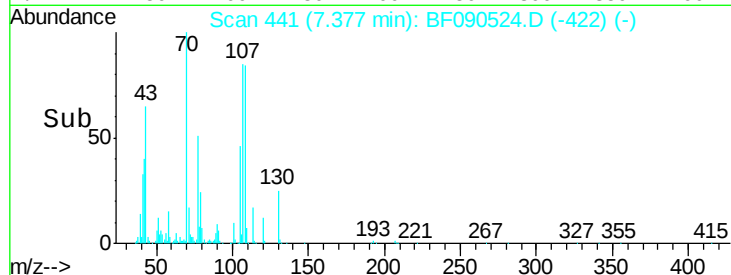
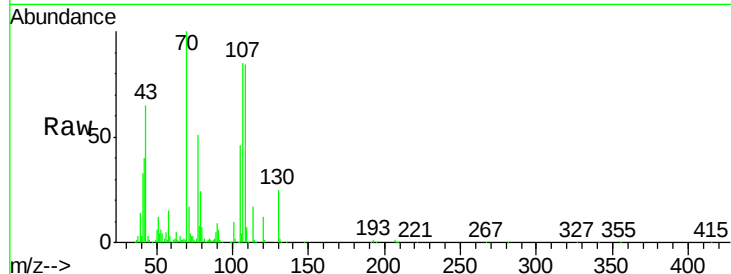
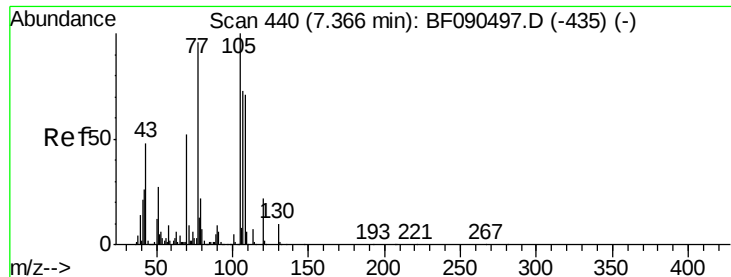
Tgt Ion:	107	Resp:	510609
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	46.6	38.2	57.4
79	44.5	37.0	55.4



#18
 Hexachloroethane
 Concen: 38.53 ng
 RT: 7.47 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:	117	Resp:	233655
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.9	113.9
201	77.3	66.5	99.7

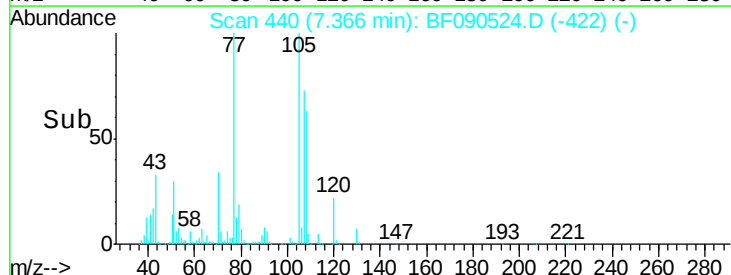
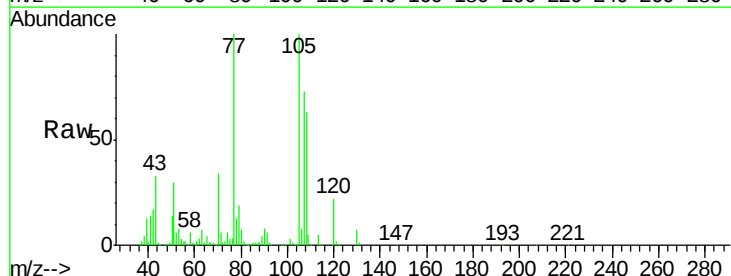
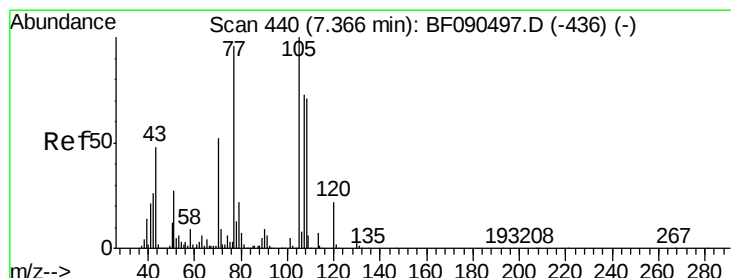
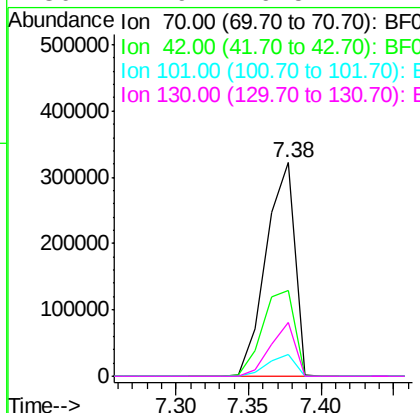




#19
n-Nitroso-di-n-propylamine
Concen: 39.09 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

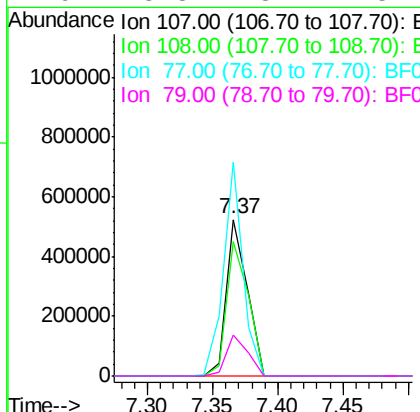
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

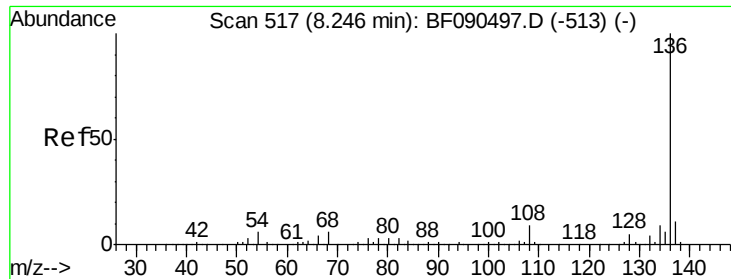
Tgt Ion: 70 Resp: 441509
Ion Ratio Lower Upper
70 100
42 40.2 55.4 83.2#
101 10.1 7.6 11.4
130 24.9 16.5 24.7#



#20
3+4-Methylphenols
Concen: 37.64 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion: 107 Resp: 578649
Ion Ratio Lower Upper
107 100
108 86.1 66.7 106.7
77 136.2 53.7 93.7#
79 25.8 8.4 48.4

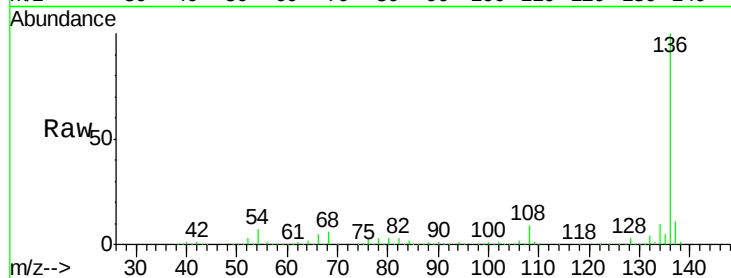




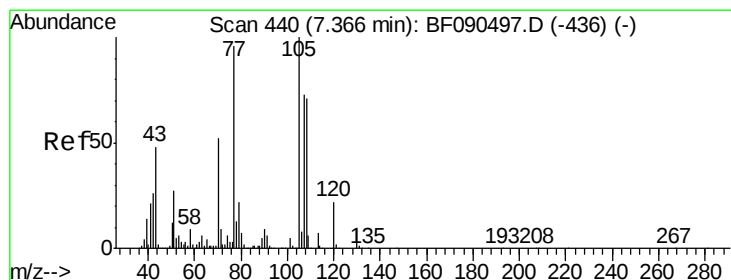
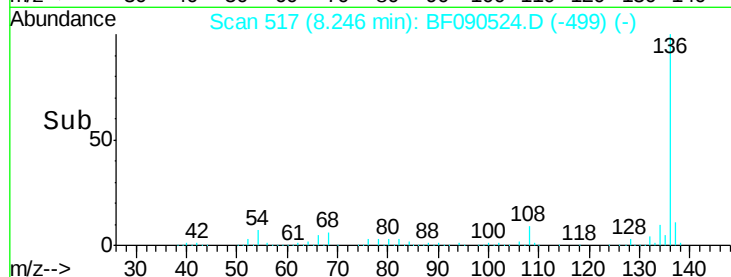
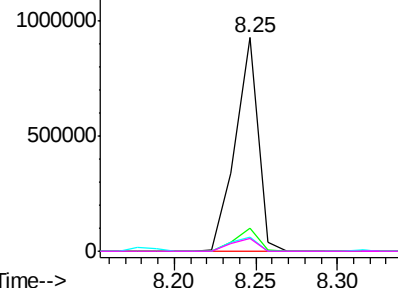
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	897401
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	6.6	6.6	10.0
68	6.1	5.0	7.6

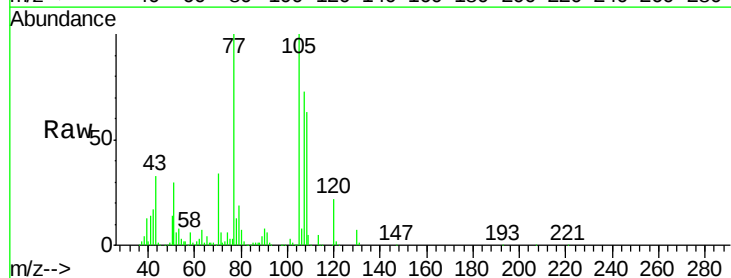


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

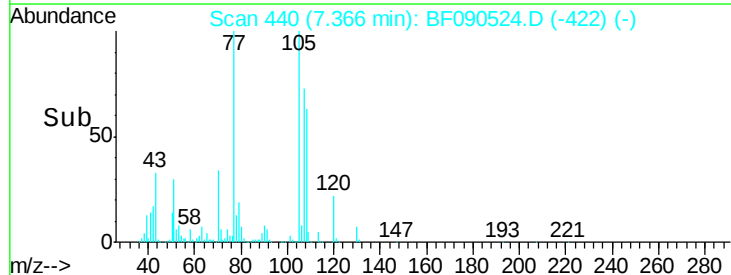
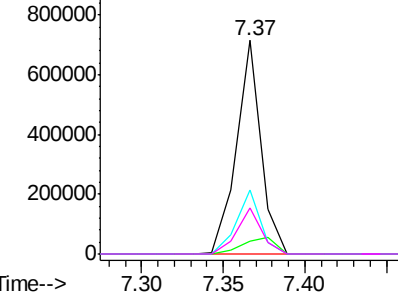


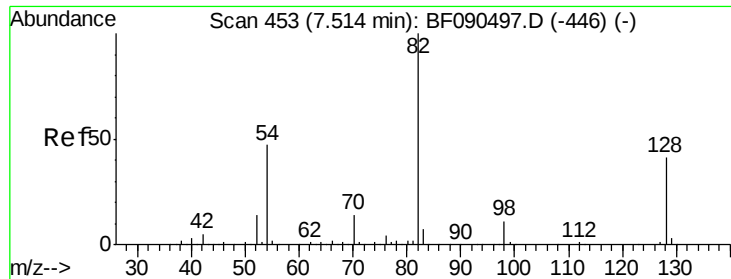
#22
Acetophenone
Concen: 37.69 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:	105	Resp:	744664
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.8	5.6#
51	29.7	28.2	42.4
120	21.7	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

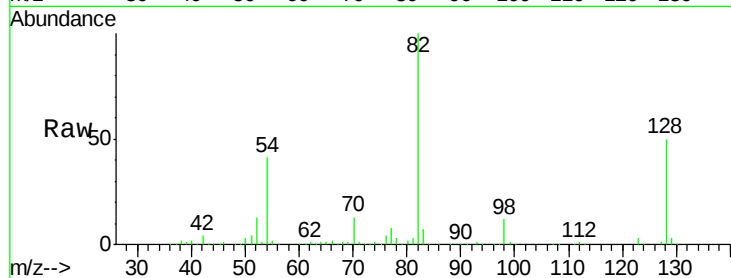




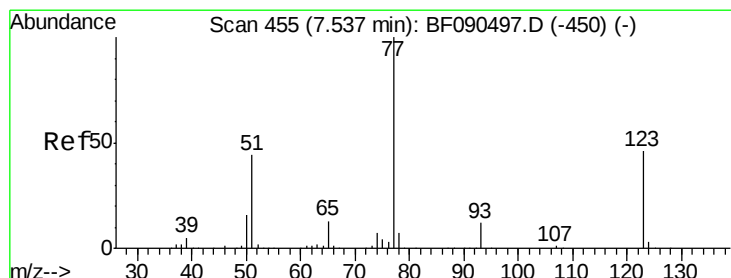
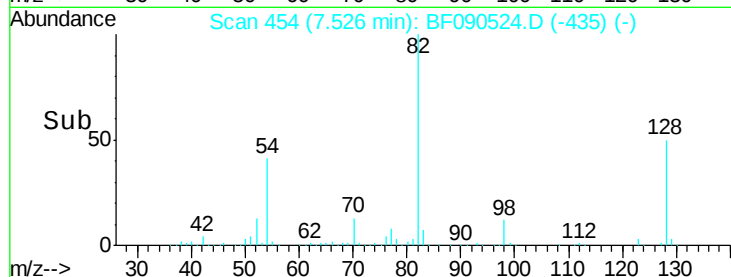
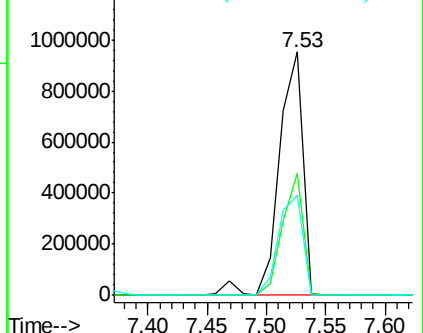
#23
 Nitrobenzene-d5
 Concen: 78.60 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1300494
 Ion Ratio Lower Upper
 82 100
 128 50.3 40.0 60.0
 54 41.4 42.6 64.0#

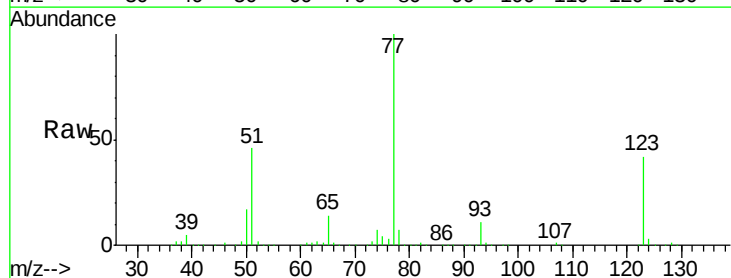


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

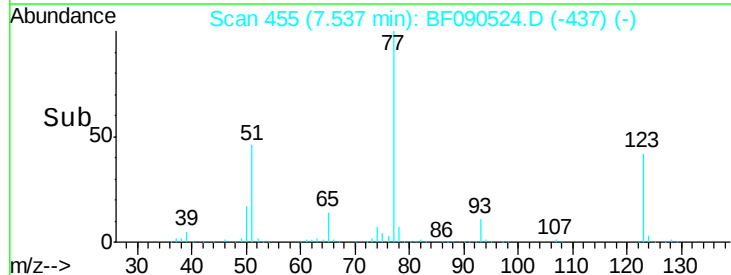
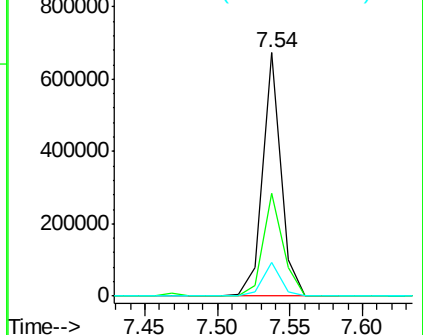


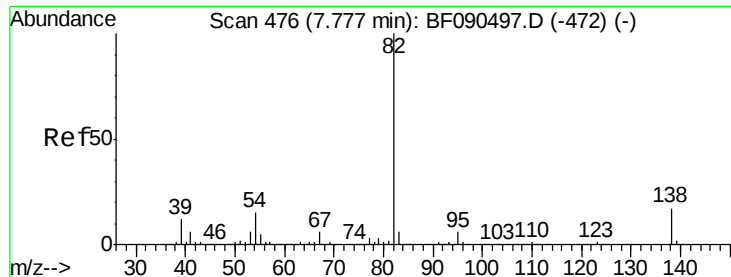
#24
 Nitrobenzene
 Concen: 33.20 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion: 77 Resp: 589191
 Ion Ratio Lower Upper
 77 100
 123 42.2 33.0 49.4
 65 13.6 12.0 18.0



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





#25

Isophorone

Concen: 37.61 ng

RT: 7.79 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

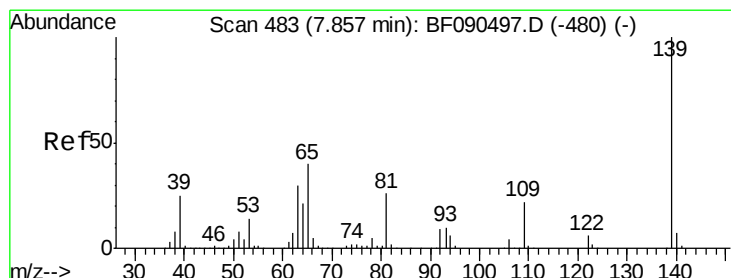
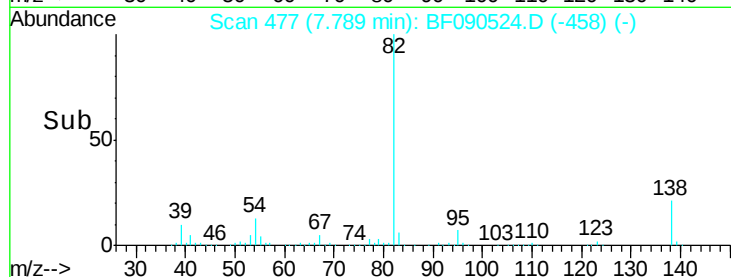
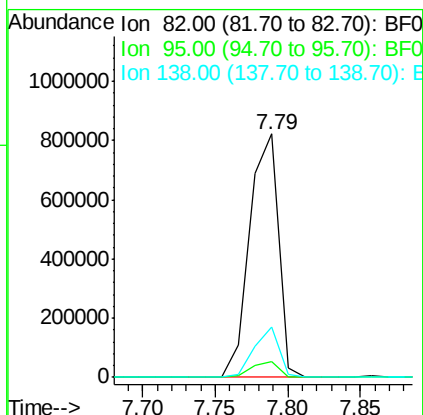
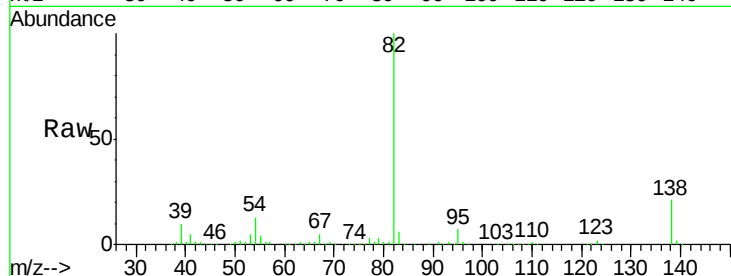
Tgt Ion: 82 Resp: 1132441

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 20.6 13.0 19.4#



#26

2-Nitrophenol

Concen: 42.25 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

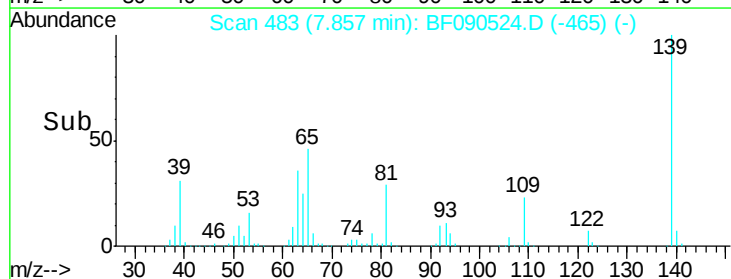
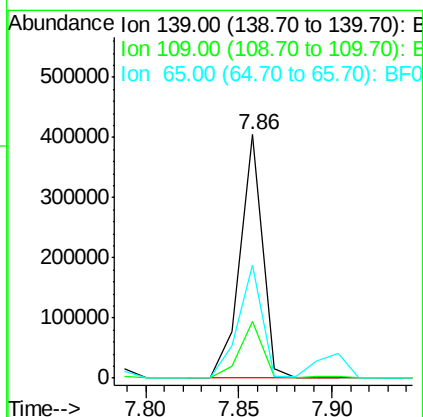
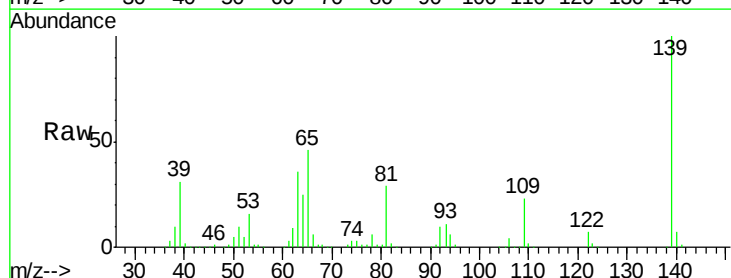
Tgt Ion: 139 Resp: 342099

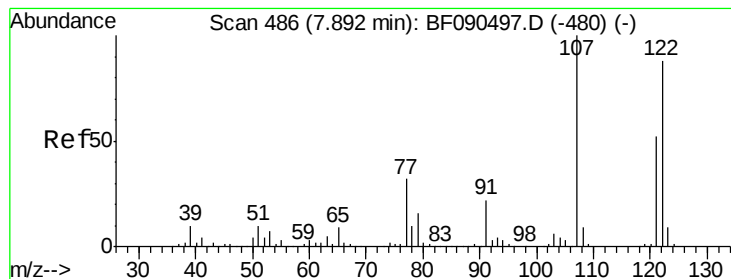
Ion Ratio Lower Upper

139 100

109 23.4 18.9 28.3

65 46.3 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 42.08 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

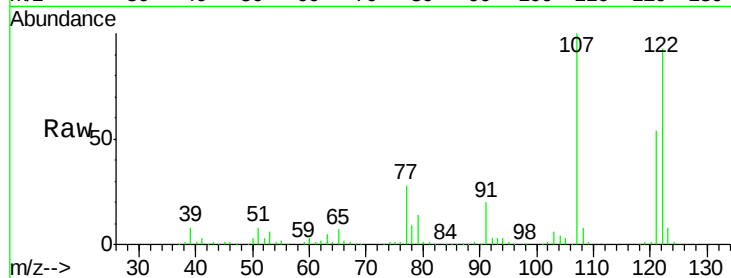
Tgt Ion:122 Resp: 579204

Ion Ratio Lower Upper

122 100

107 107.3 88.6 132.8

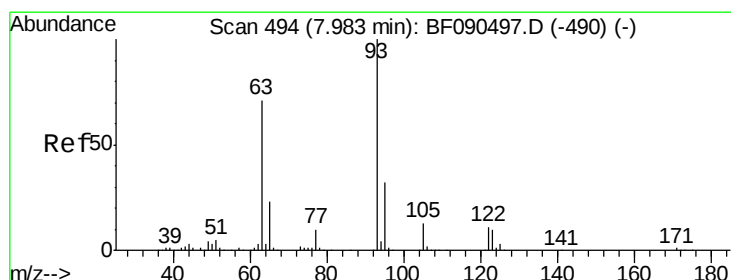
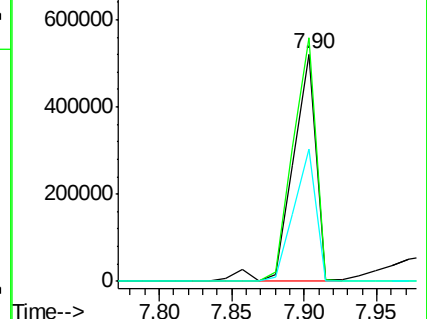
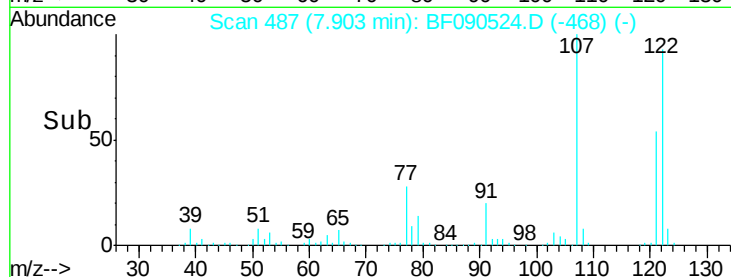
121 58.1 47.5 71.3



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: 39.39 ng

RT: 7.99 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

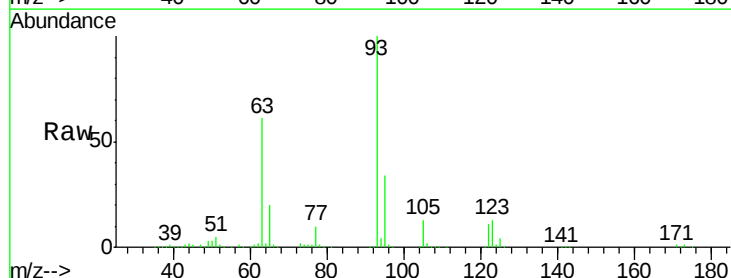
Tgt Ion: 93 Resp: 732543

Ion Ratio Lower Upper

93 100

95 33.6 27.0 40.4

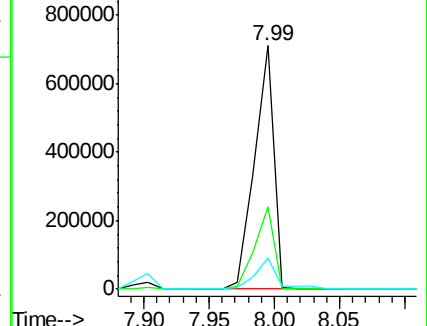
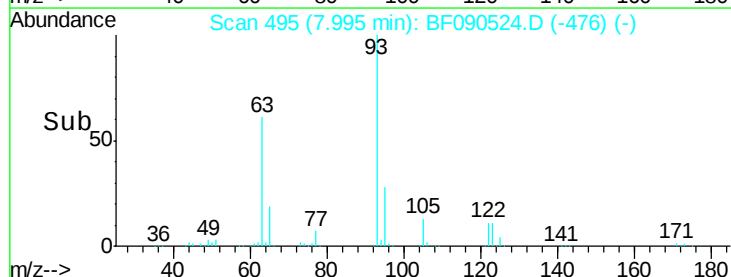
123 12.6 11.1 16.7

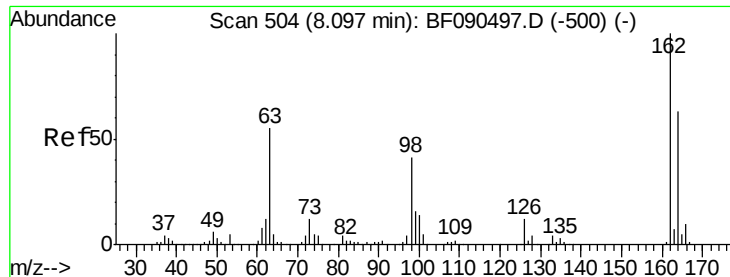


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

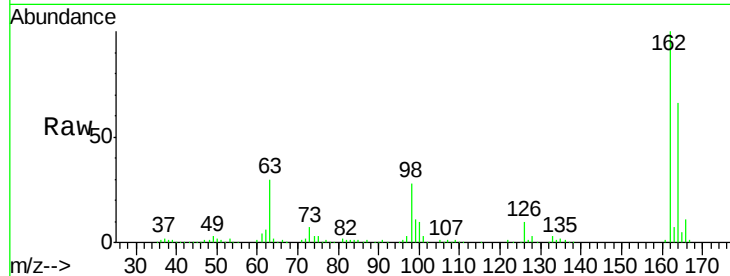




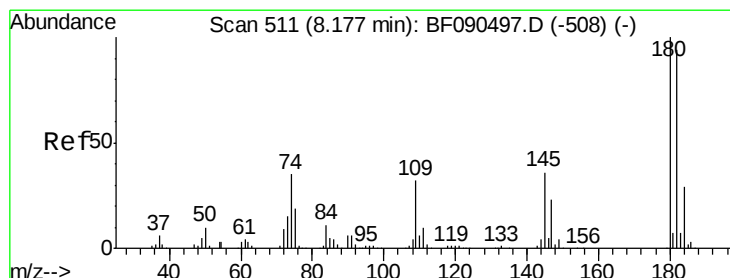
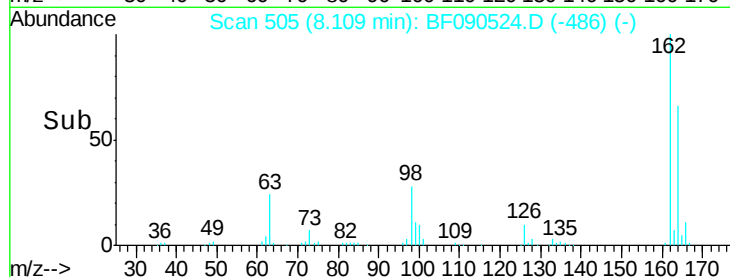
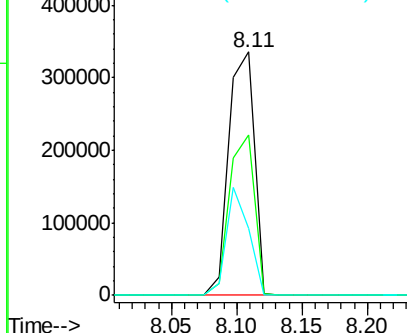
#29
2,4-Dichlorophenol
Concen: 39.67 ng
RT: 8.11 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 456584
Ion Ratio Lower Upper
162 100
164 65.9 45.7 85.7
98 27.7 13.3 53.3

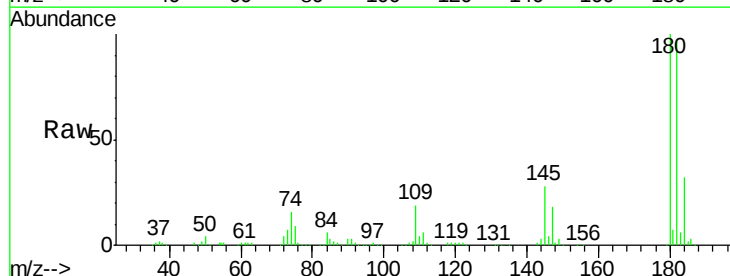


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

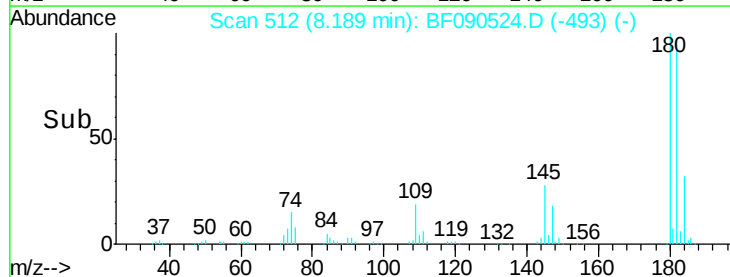
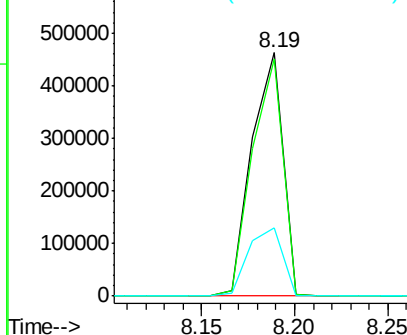


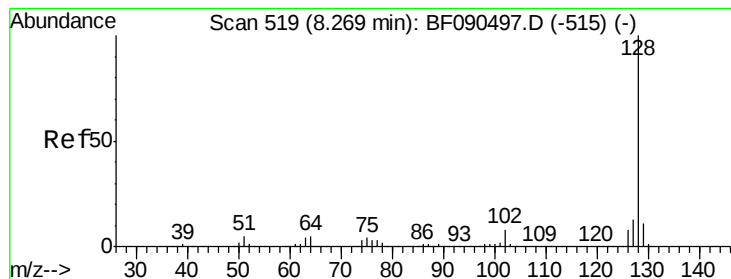
#30
1,2,4-Trichlorobenzene
Concen: 40.45 ng
RT: 8.19 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:180 Resp: 534866
Ion Ratio Lower Upper
180 100
182 97.2 75.3 112.9
145 28.2 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: 39.33 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

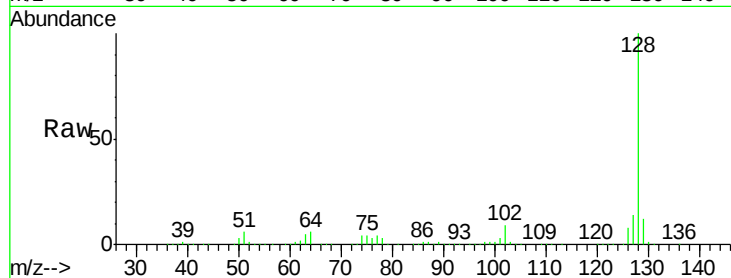
Tgt Ion:128 Resp: 1758289

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

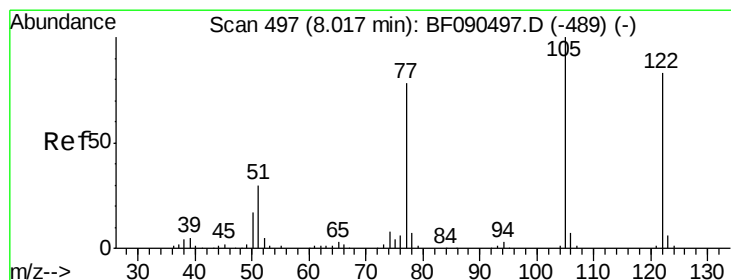
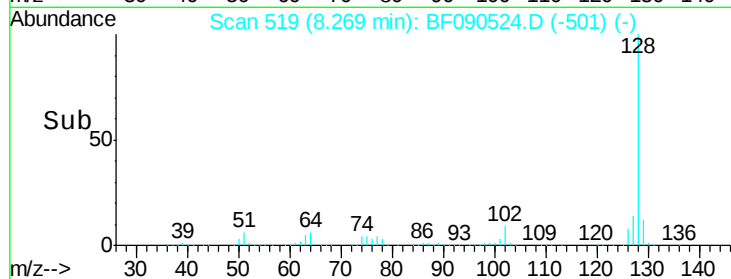
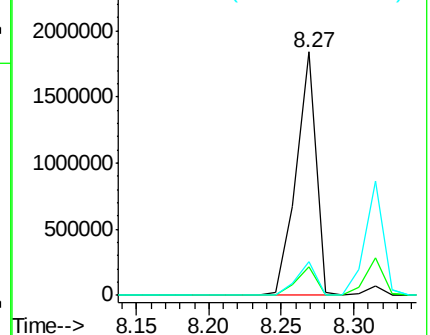
127 13.9 11.7 17.5



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: 38.99 ng

RT: 8.03 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

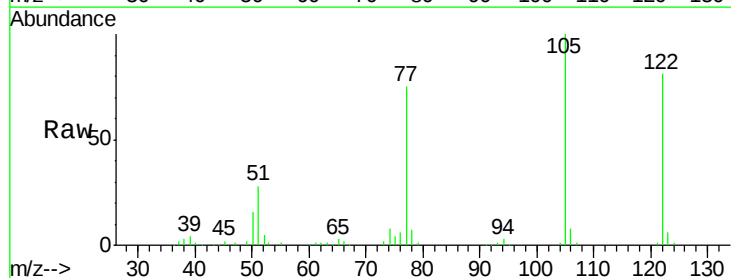
Tgt Ion:122 Resp: 423553

Ion Ratio Lower Upper

122 100

105 123.1 103.9 143.9

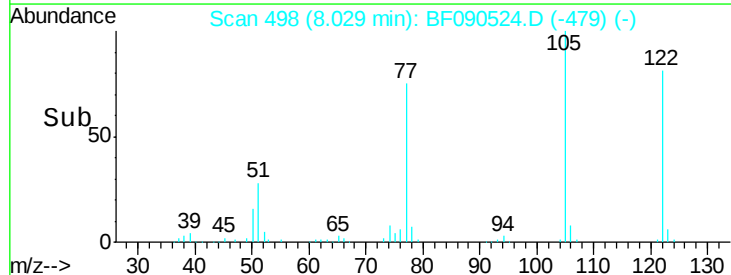
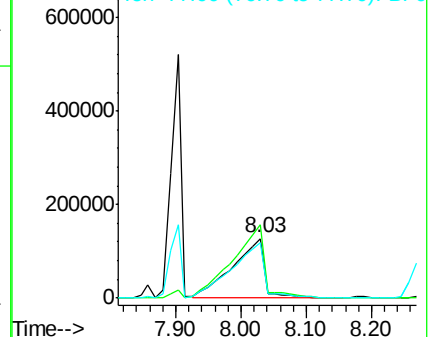
77 92.4 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

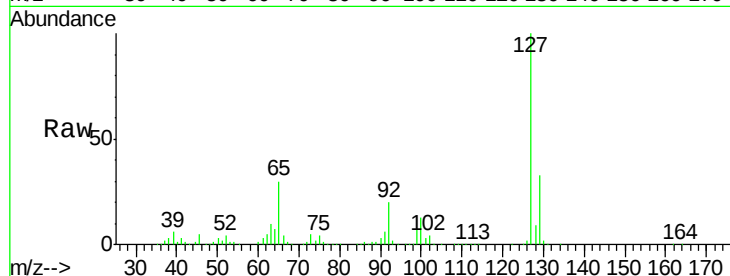




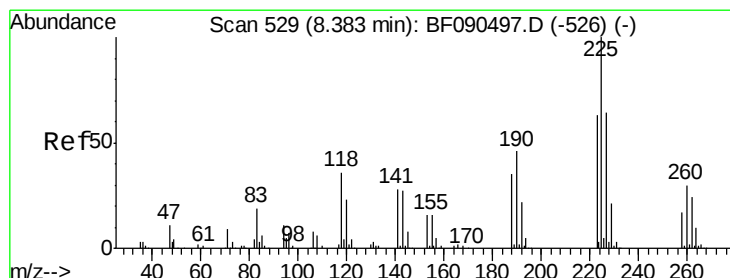
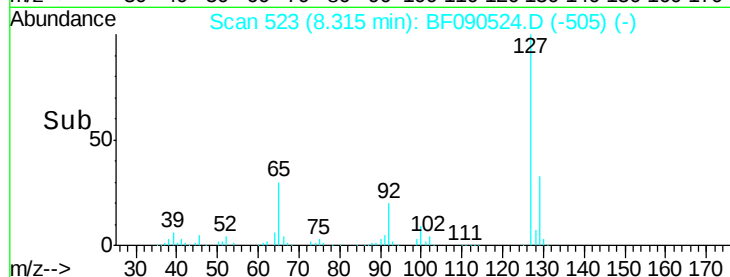
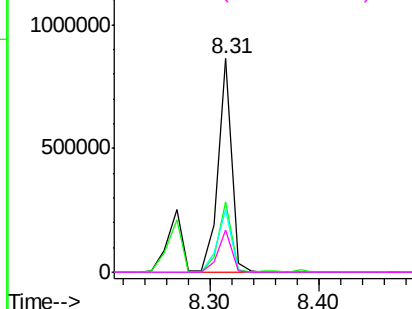
#33
4-Chloroaniline
Concen: 40.04 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	757852
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	29.5	32.5	48.7#
92	19.8	17.2	25.8

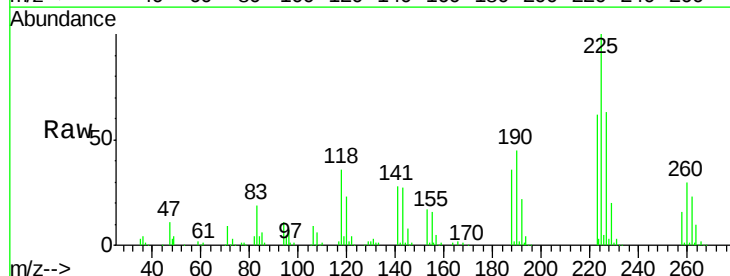


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

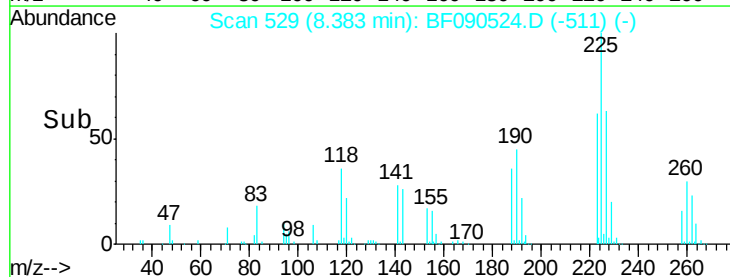
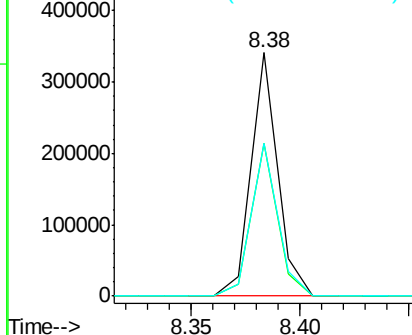


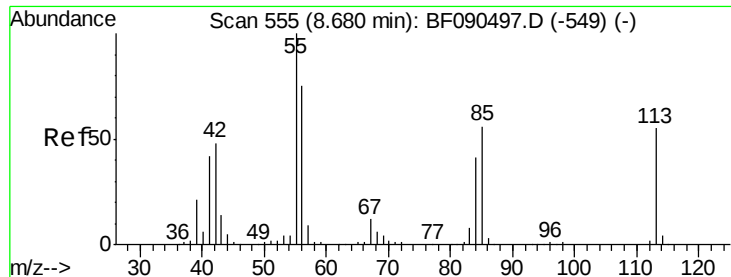
#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:	225	Resp:	289099
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.4
227	62.8	50.8	76.2



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

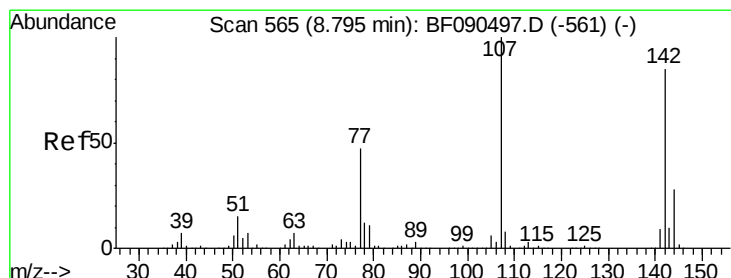
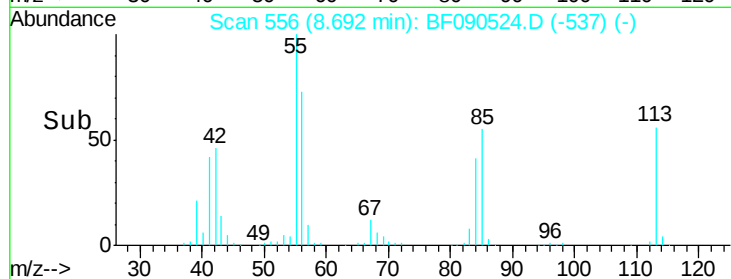
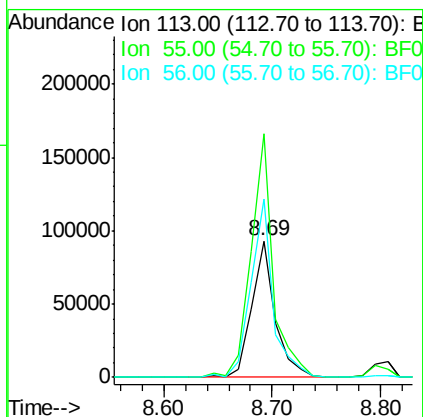
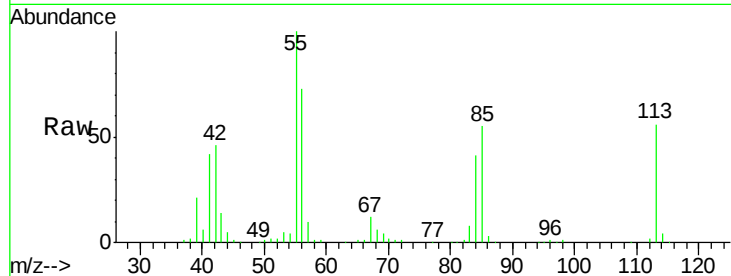




#35
 Caprolactam
 Concen: 37.27 ng
 RT: 8.69 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

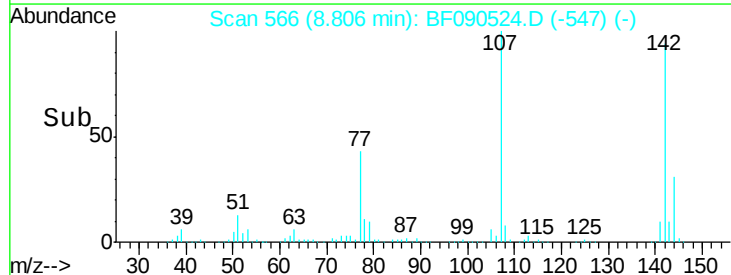
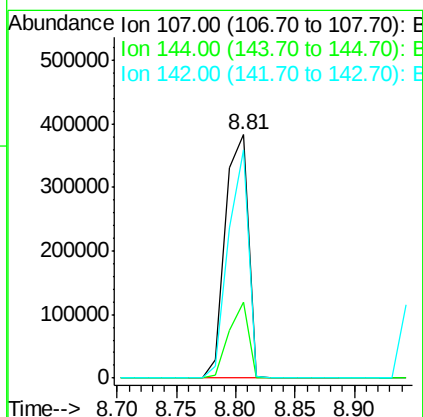
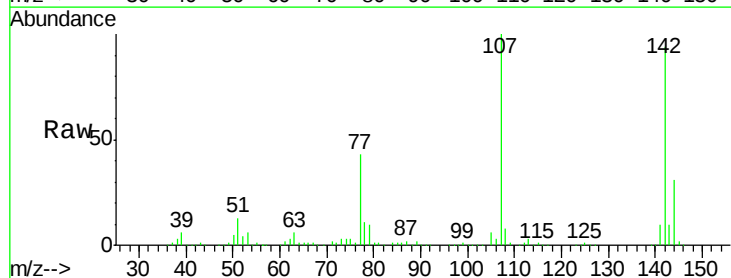
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

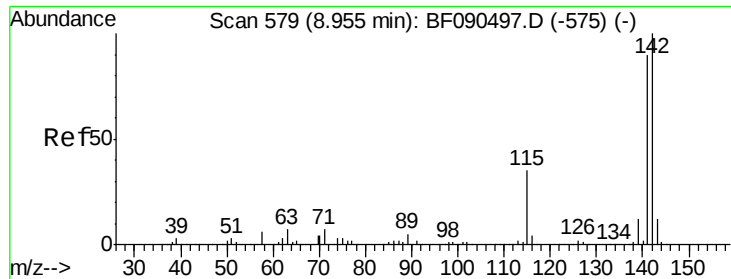
Tgt Ion:113 Resp: 139074
 Ion Ratio Lower Upper
 113 100
 55 178.5 203.3 243.3#
 56 130.7 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng
 RT: 8.81 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:107 Resp: 512734
 Ion Ratio Lower Upper
 107 100
 144 31.3 19.8 29.8#
 142 93.6 60.7 91.1#

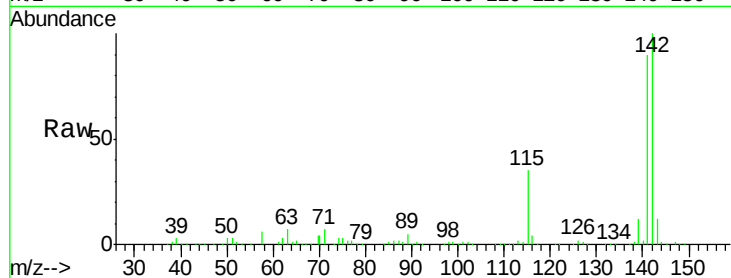




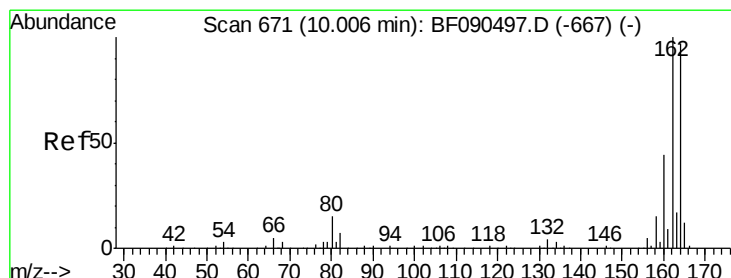
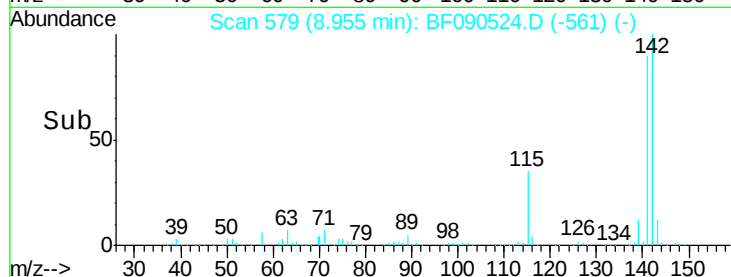
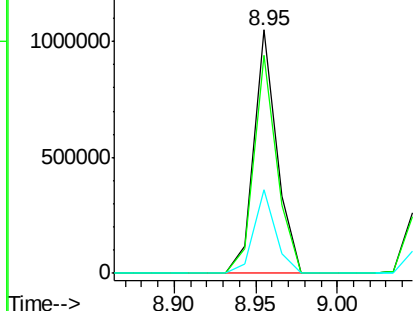
#37
 2-Methylnaphthalene
 Concen: 34.31 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 1029542
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8
 115 34.6 28.8 43.2

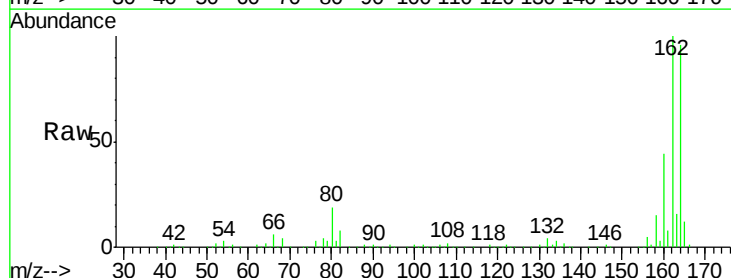


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

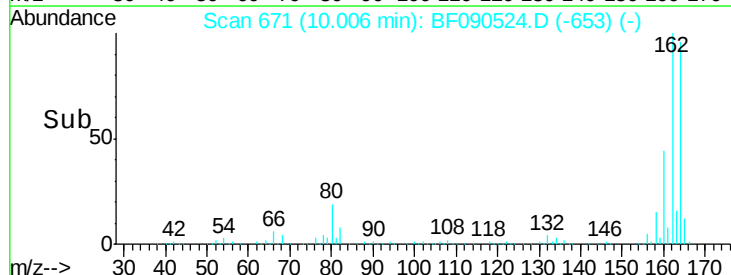
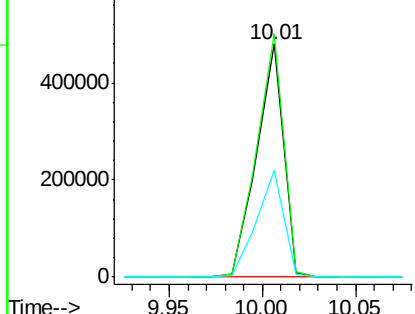


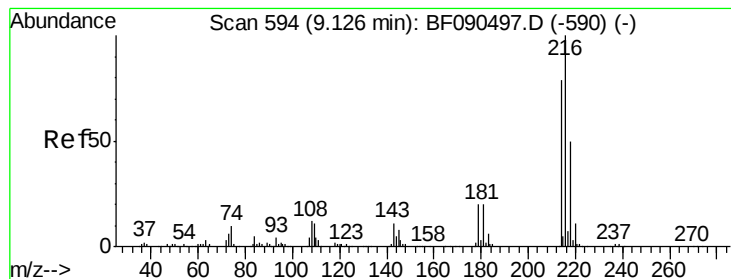
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:164 Resp: 479325
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.1 120.1
 160 45.9 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: 42.00 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 563639

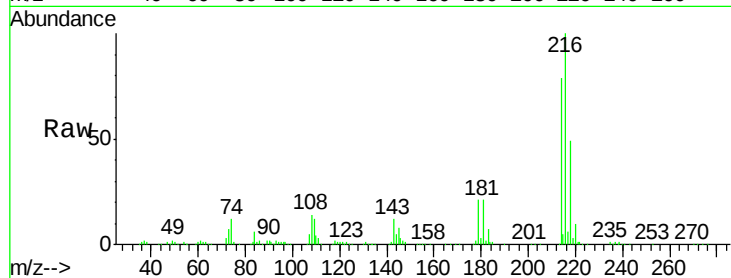
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 22.3 18.0 27.0

108 18.0 15.2 22.8

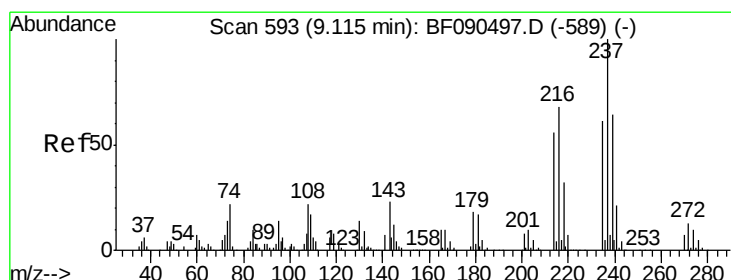
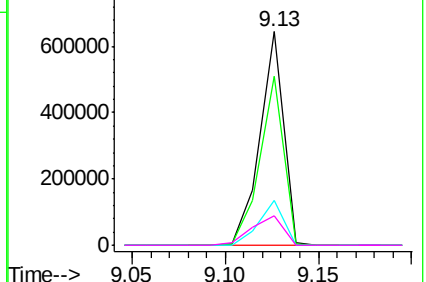
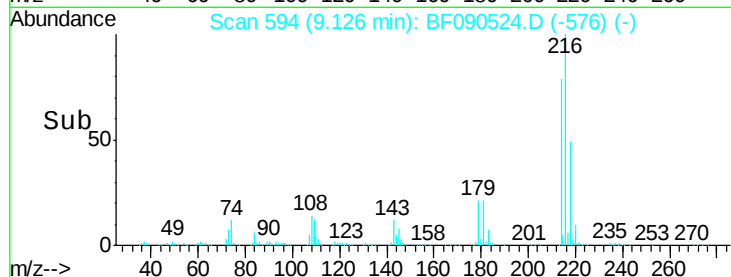


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.16 ng

RT: 9.11 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

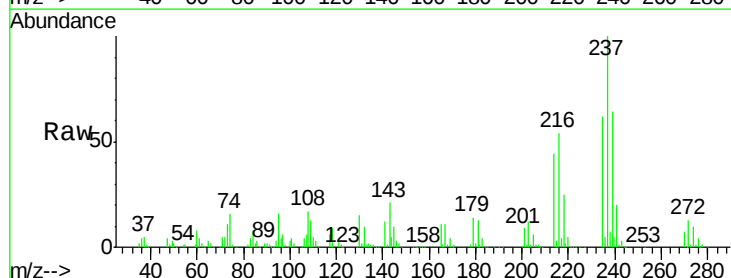
Tgt Ion:237 Resp: 260838

Ion Ratio Lower Upper

237 100

235 61.6 43.6 83.6

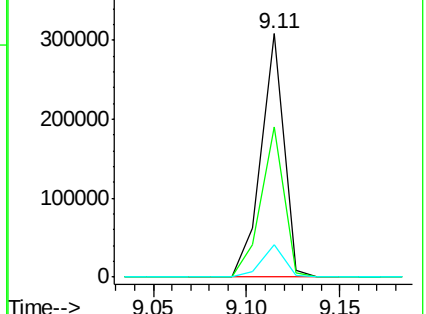
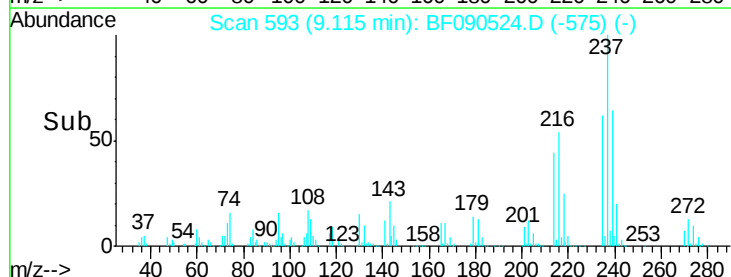
272 13.1 0.0 32.7

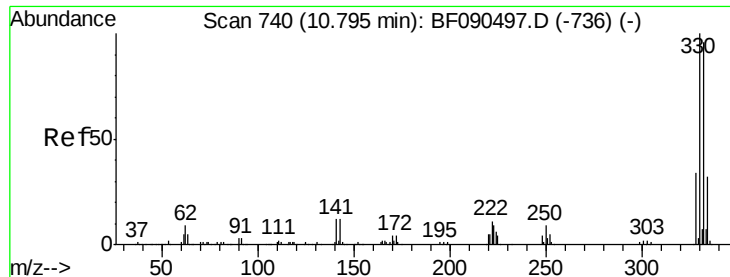


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

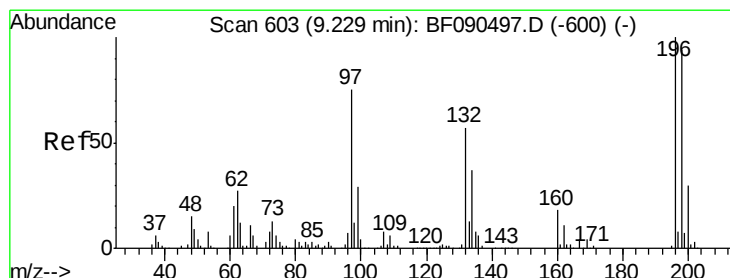
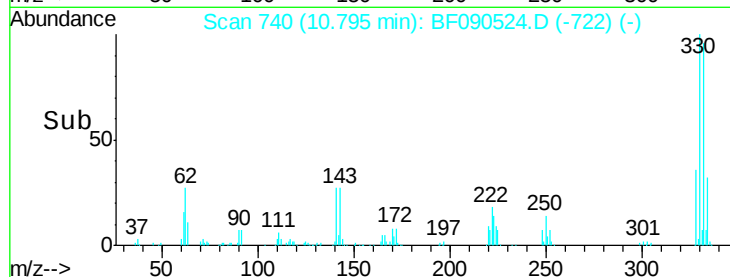
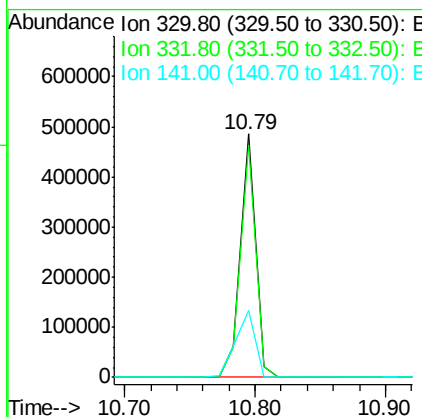
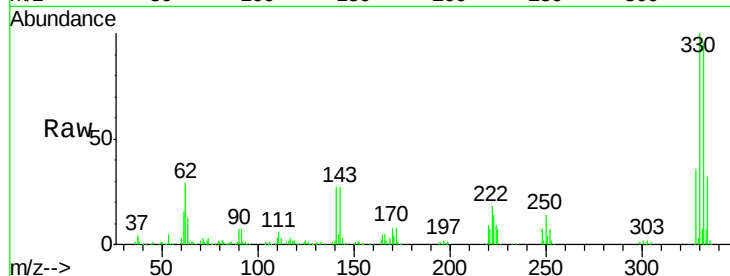




#41
 2,4,6-Tribromophenol
 Concen: 82.86 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

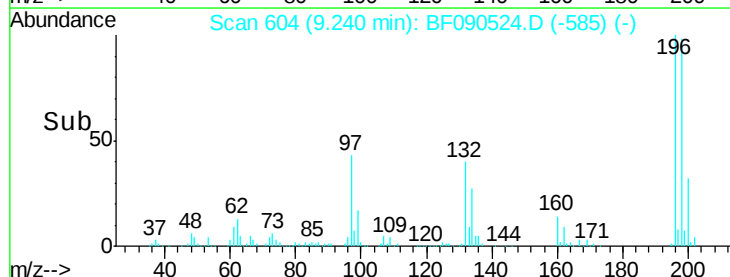
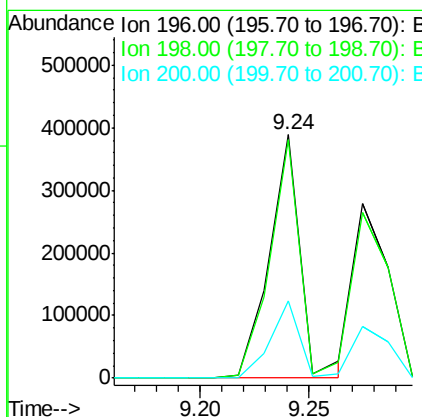
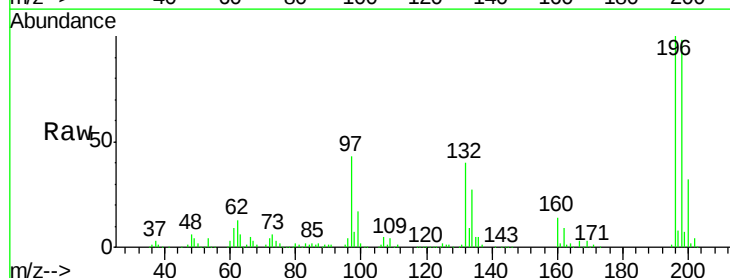
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

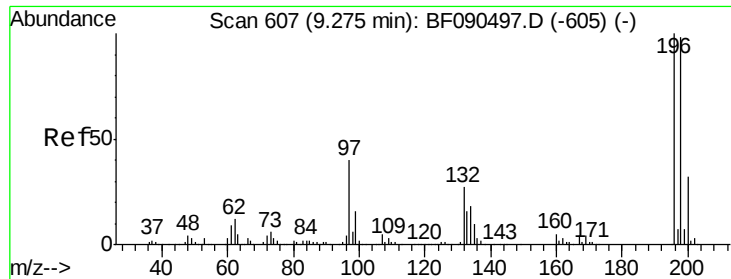
Tgt Ion:330 Resp: 393699
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.0
 141 34.9 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 43.10 ng
 RT: 9.24 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:196 Resp: 389945
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.9 118.3
 200 31.7 25.4 38.2

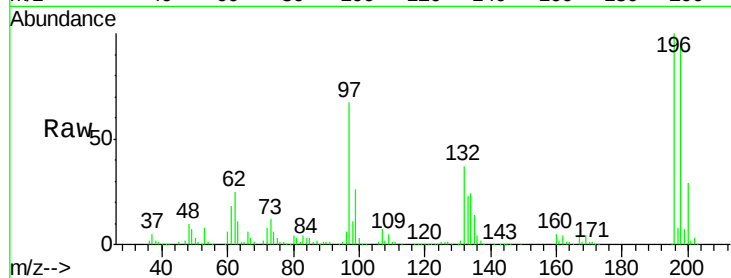




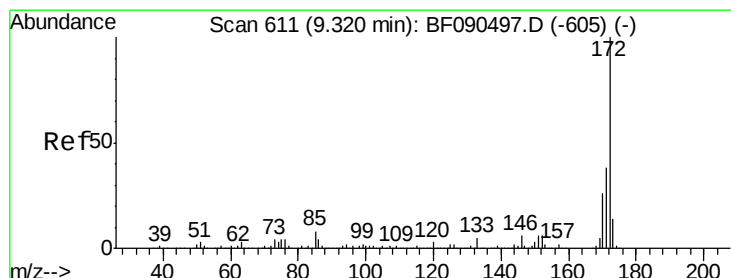
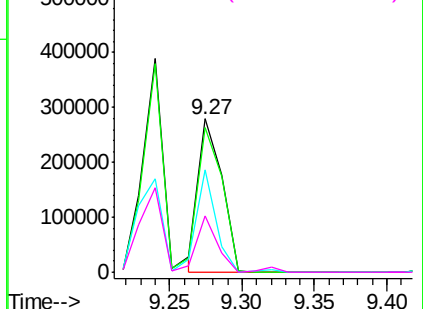
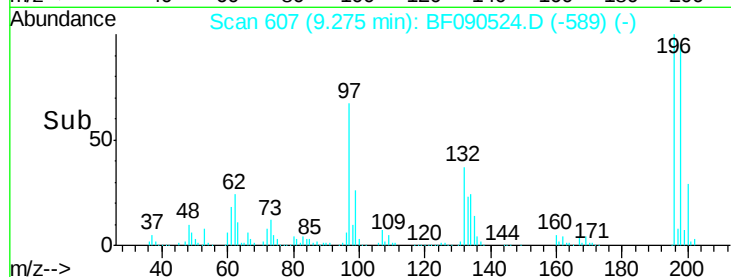
#43
 2,4,5-Trichlorophenol
 Concen: 35.22 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 315389
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.1 117.1
 97 66.7 48.1 72.1
 132 36.6 27.4 41.2

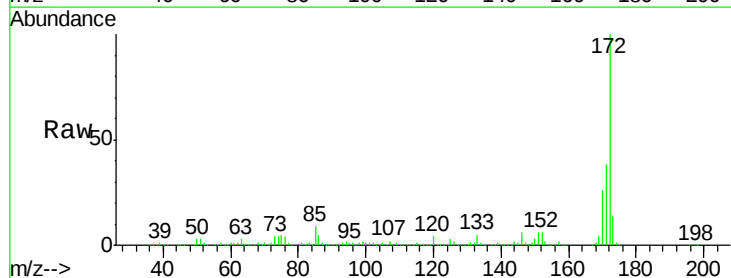


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

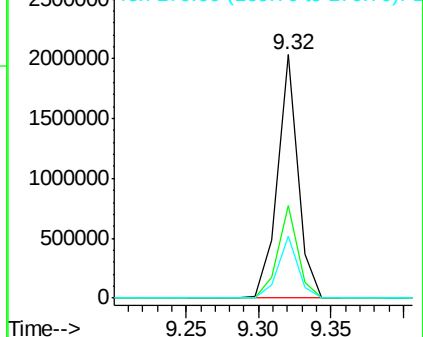
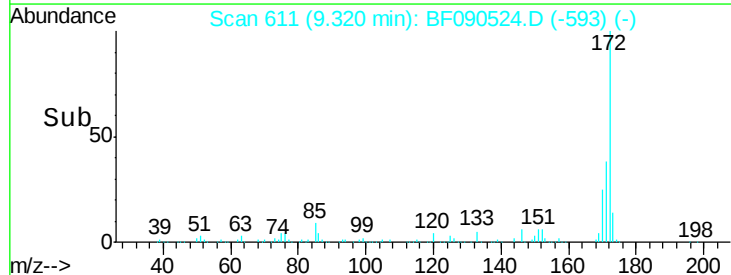


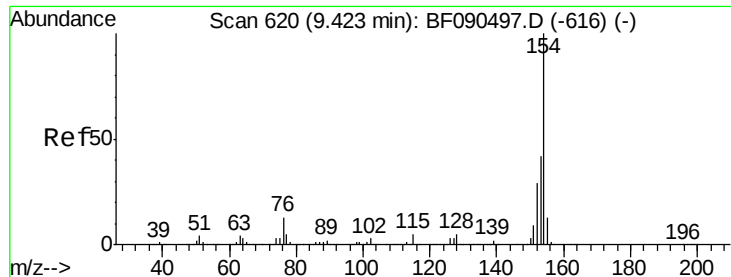
#44
 2-Fluorobiphenyl
 Concen: 69.69 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:172 Resp: 1987878
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.8
 170 25.5 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

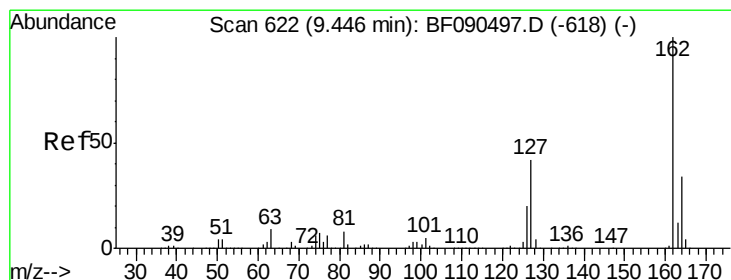
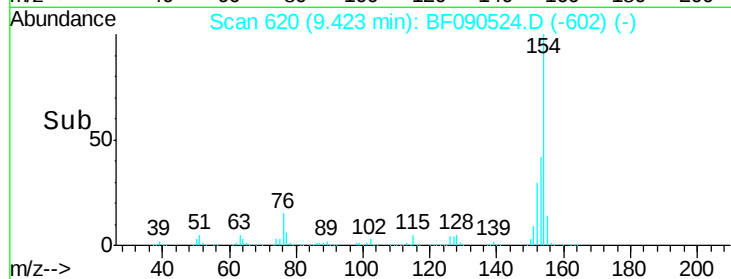
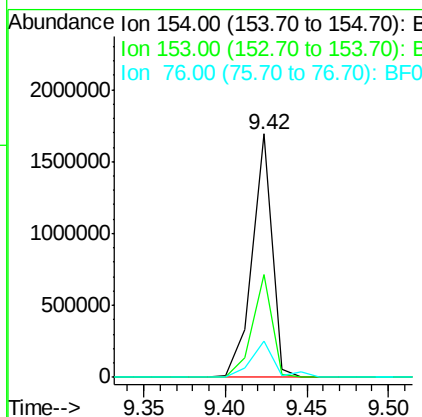
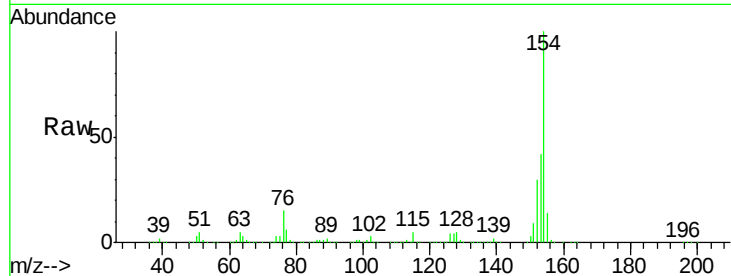




#45
 1,1'-Biphenyl
 Concen: 39.14 ng
 RT: 9.42 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

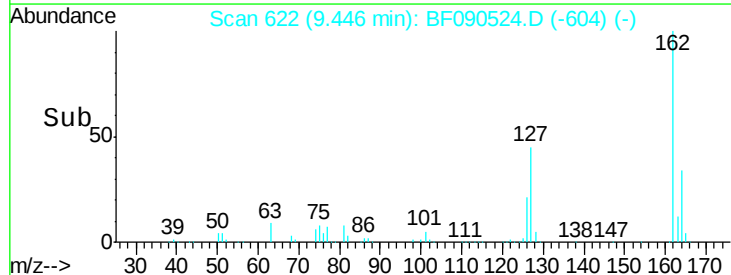
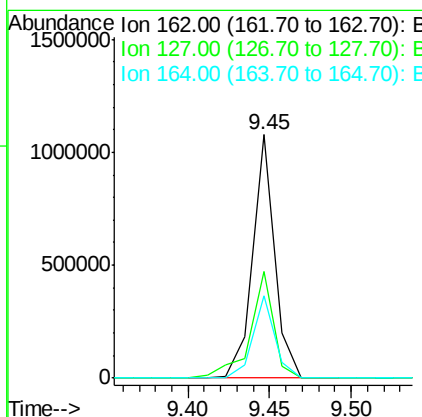
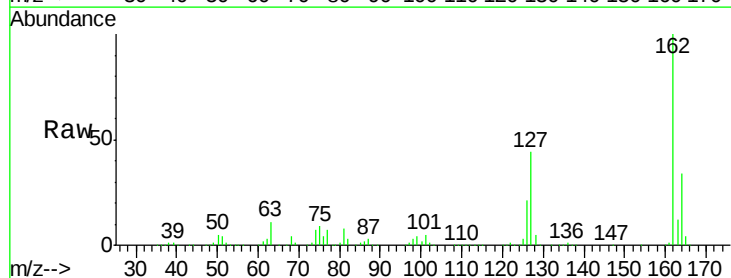
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

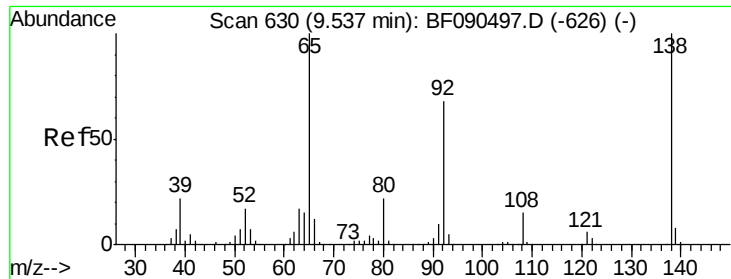
Tgt Ion:154 Resp: 1432982
 Ion Ratio Lower Upper
 154 100
 153 42.3 23.8 63.8
 76 14.6 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 36.89 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:162 Resp: 1004766
 Ion Ratio Lower Upper
 162 100
 127 44.0 35.6 53.4
 164 33.6 27.5 41.3

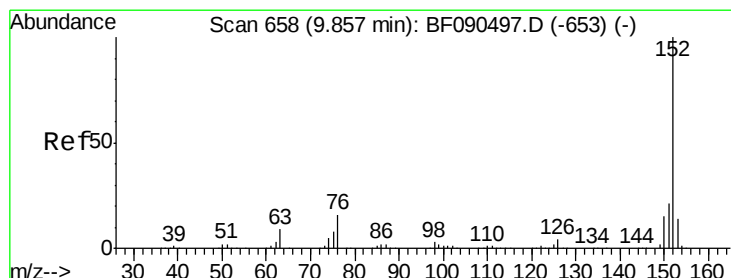
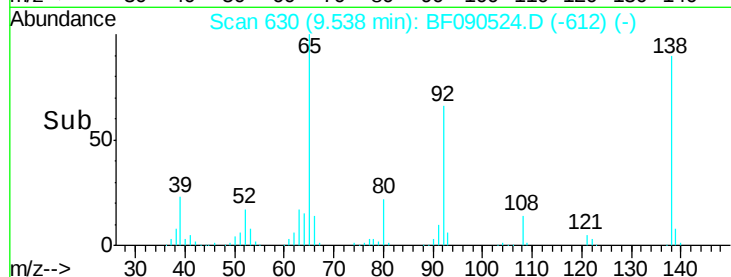
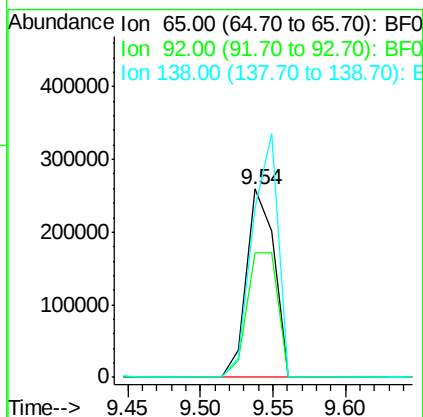
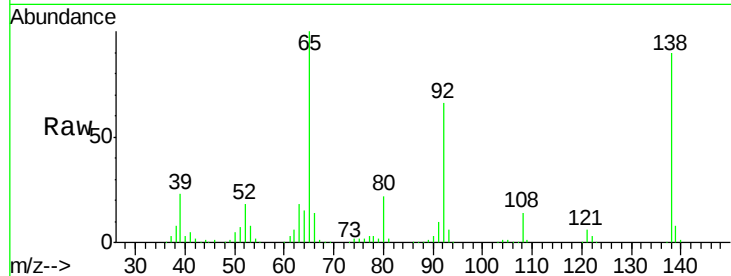




#47
2-Nitroaniline
Concen: 35.33 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

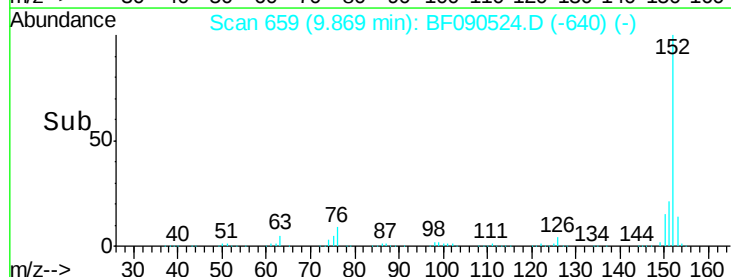
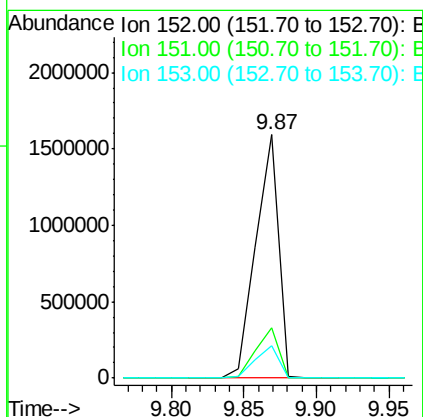
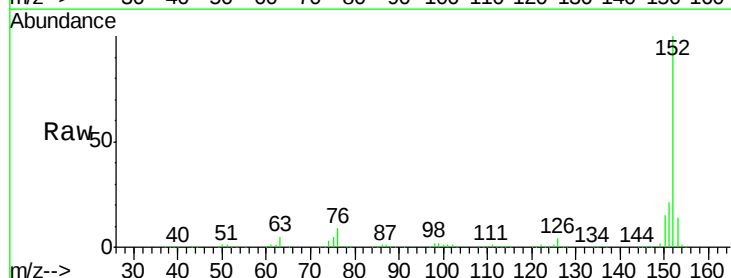
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

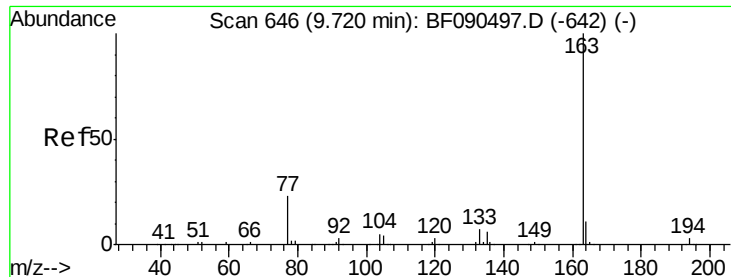
Tgt Ion: 65 Resp: 343208
Ion Ratio Lower Upper
65 100
92 66.2 51.7 77.5
138 89.7 79.0 118.4



#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion: 152 Resp: 1734508
Ion Ratio Lower Upper
152 100
151 20.6 17.4 26.0
153 13.5 11.6 17.4

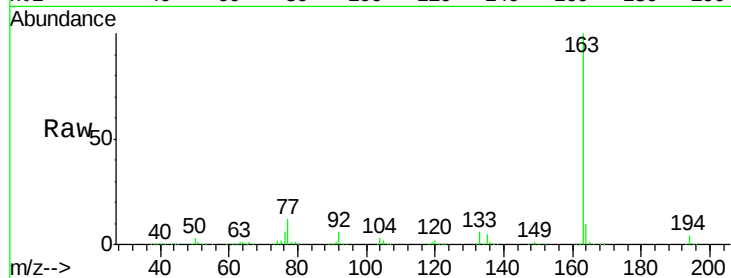




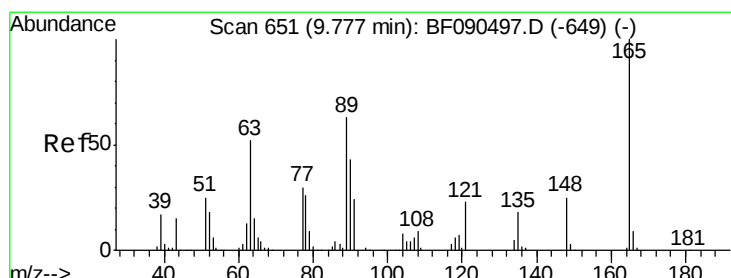
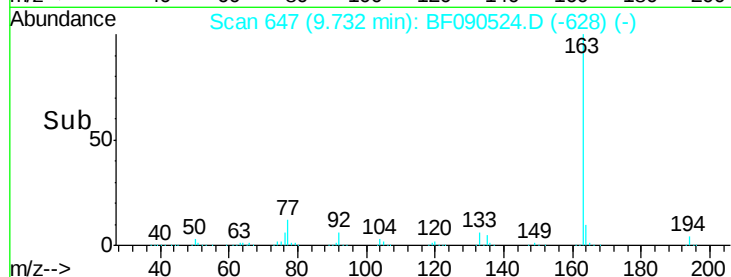
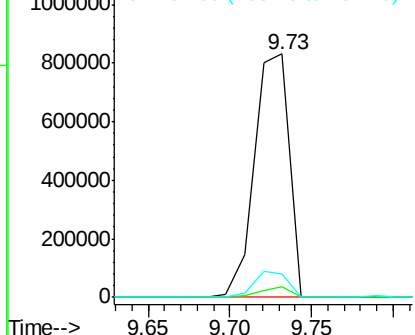
#49
Dimethylphthalate
Concen: 38.15 ng
RT: 9.73 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1229746
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2#
164 9.7 9.0 13.4

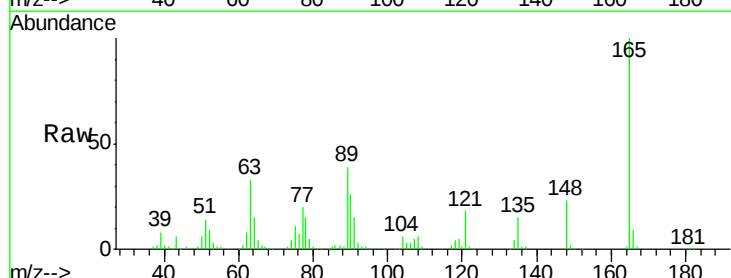


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

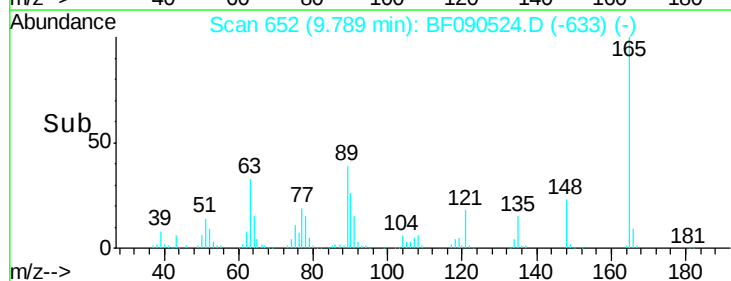
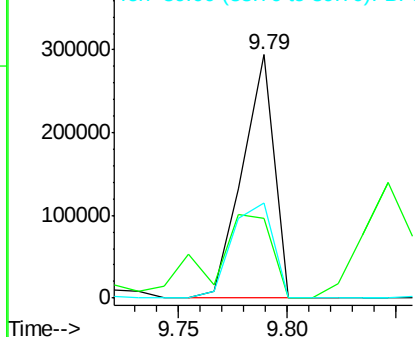


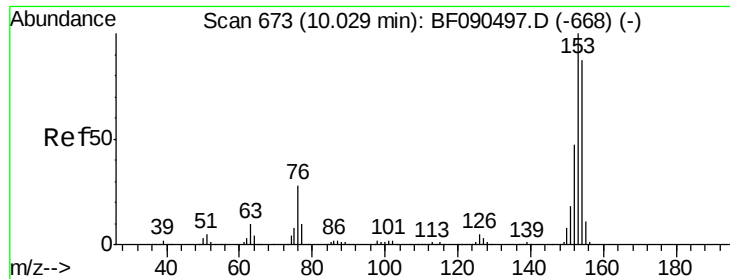
#50
2,6-Dinitrotoluene
Concen: 42.01 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:165 Resp: 299017
Ion Ratio Lower Upper
165 100
63 32.8 58.0 87.0#
89 39.2 51.2 76.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.94 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

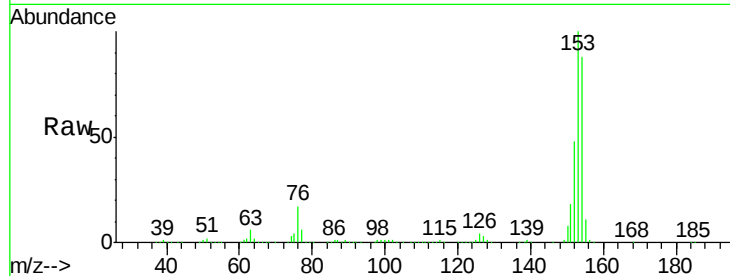
Tgt Ion:154 Resp: 1147006

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

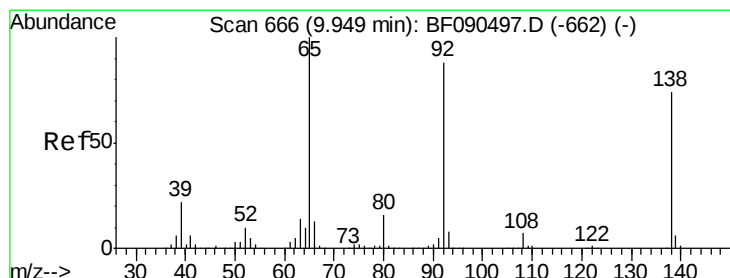
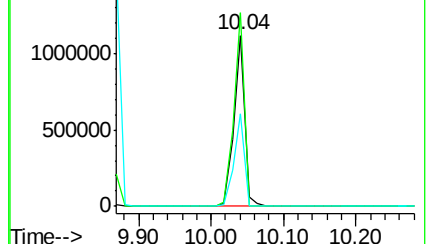
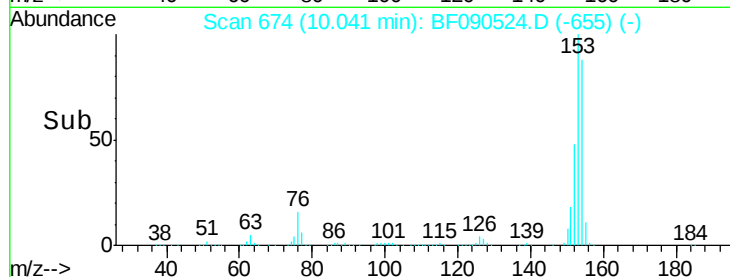
152 54.2 42.6 64.0



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: 42.28 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

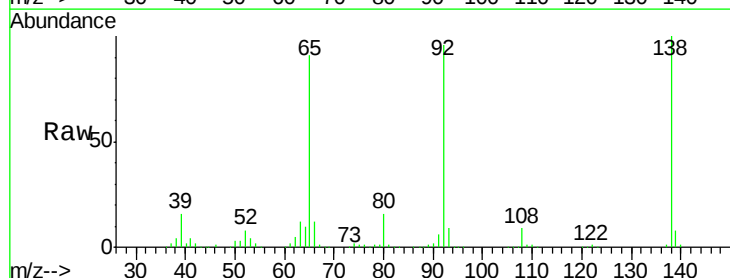
Tgt Ion:138 Resp: 373402

Ion Ratio Lower Upper

138 100

108 8.8 9.7 14.5#

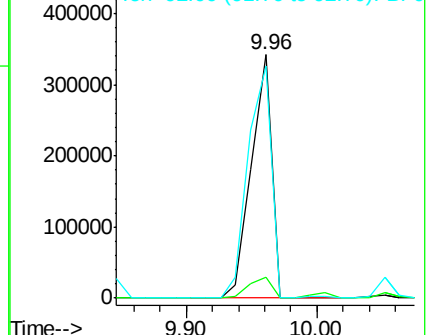
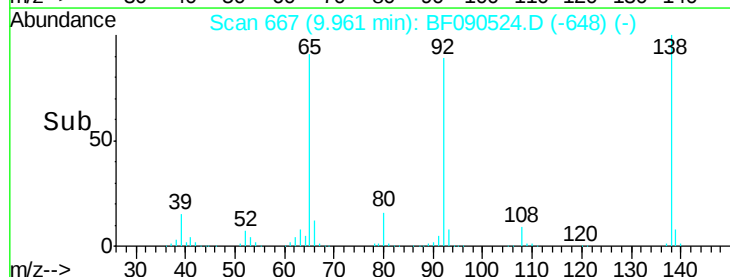
92 95.6 97.1 145.7#

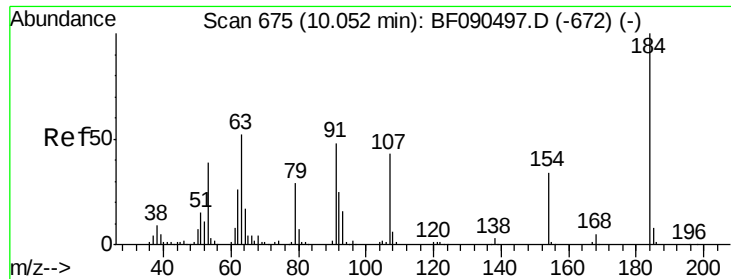


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

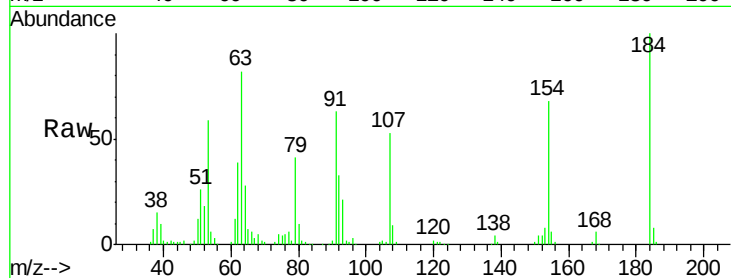




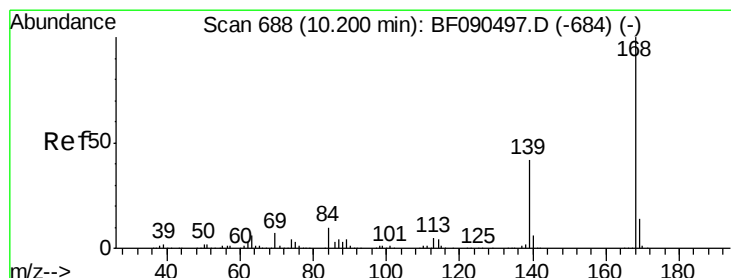
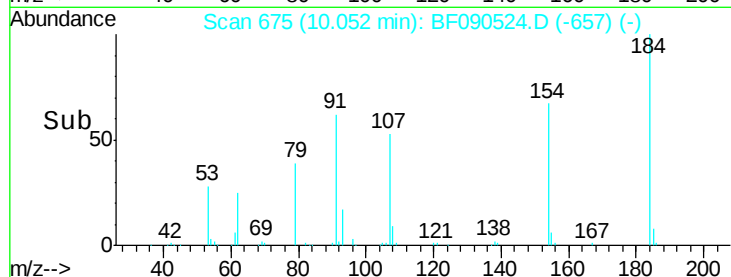
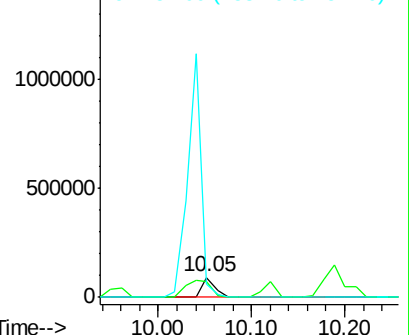
#53
2,4-Dinitrophenol
Concen: 23.60 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 93198
Ion Ratio Lower Upper
184 100
63 82.2 41.9 62.9#
154 68.3 48.9 73.3

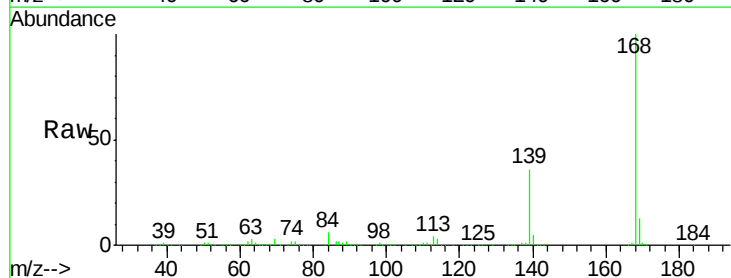


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

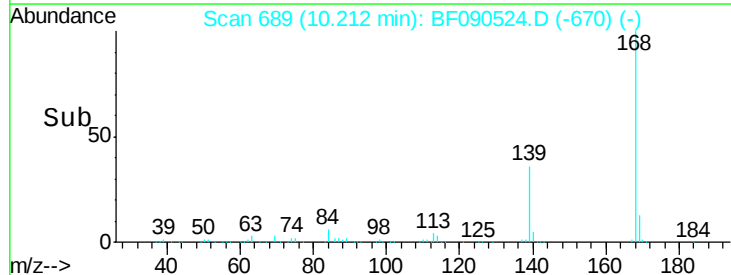
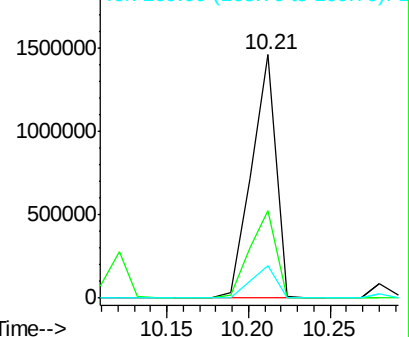


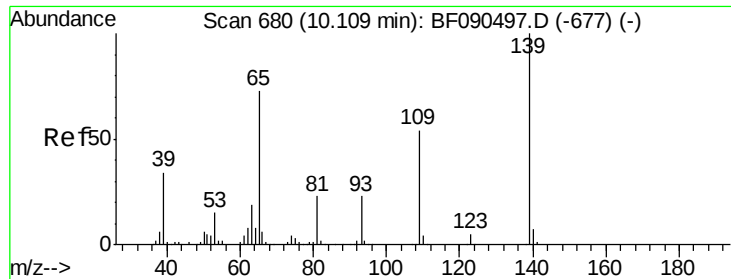
#54
Dibenzofuran
Concen: 38.96 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:168 Resp: 1526684
Ion Ratio Lower Upper
168 100
139 35.8 29.6 44.4
169 13.5 11.3 16.9



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

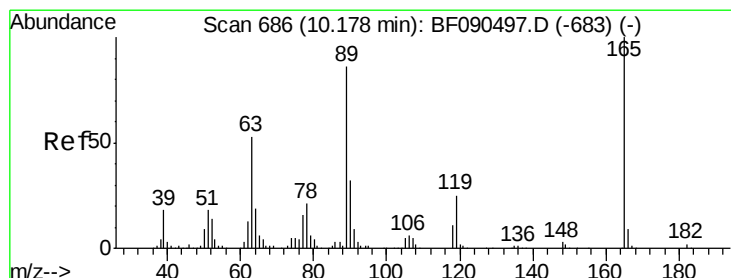
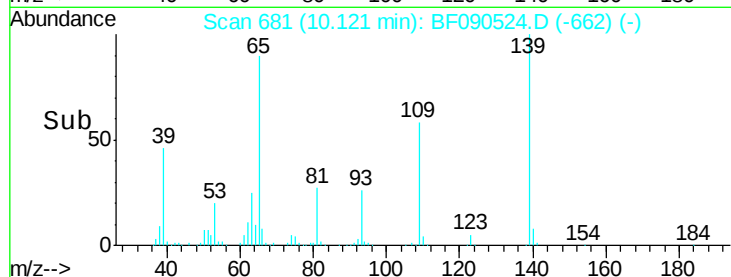
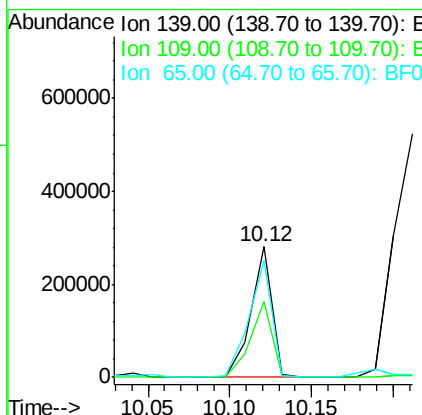
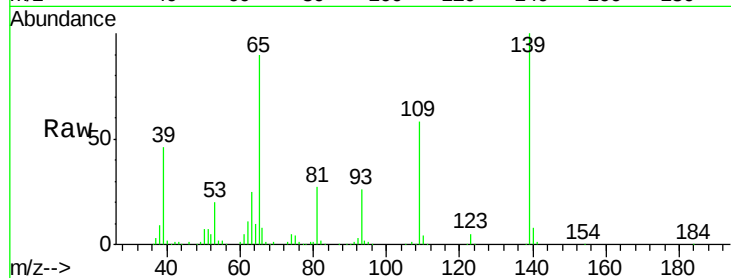




#55
4-Nitrophenol
Concen: 36.83 ng
RT: 10.12 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

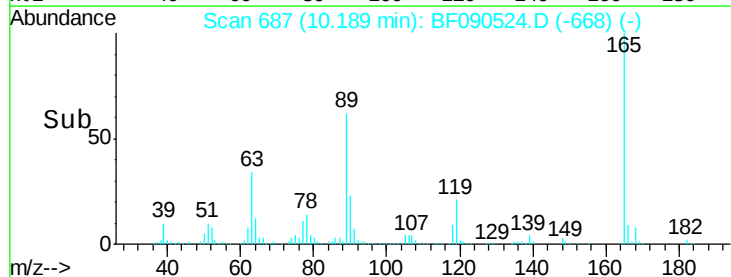
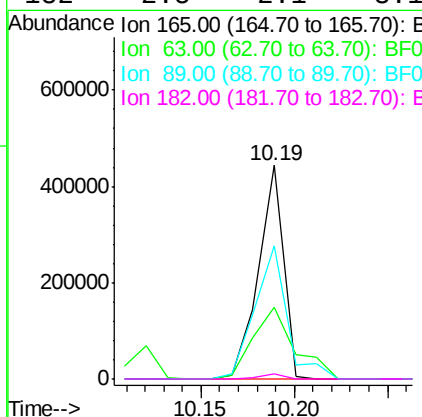
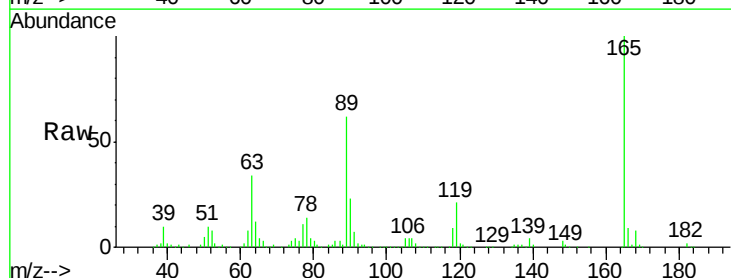
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

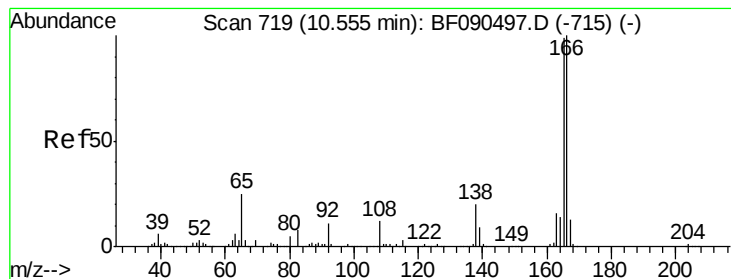
Tgt Ion:139 Resp: 252787
Ion Ratio Lower Upper
139 100
109 58.4 43.6 83.6
65 89.8 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 43.57 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:165 Resp: 410167
Ion Ratio Lower Upper
165 100
63 33.5 17.8 26.6#
89 62.1 33.2 49.8#
182 2.5 2.1 3.1





#57

Fluorene

Concen: 39.85 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

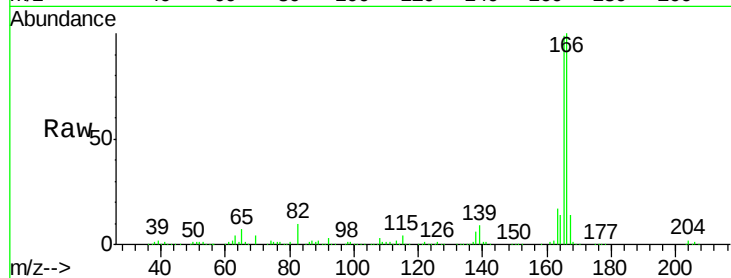
Tgt Ion:166 Resp: 1274881

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

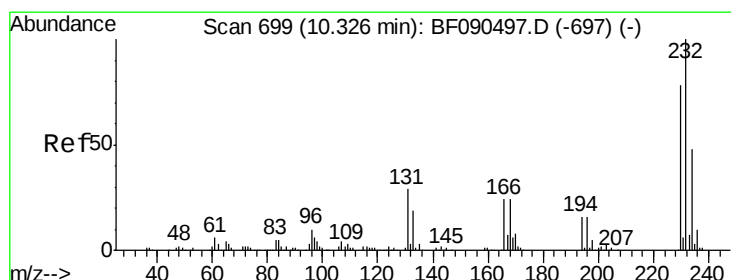
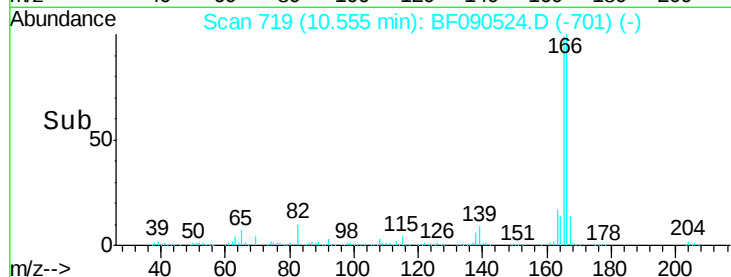
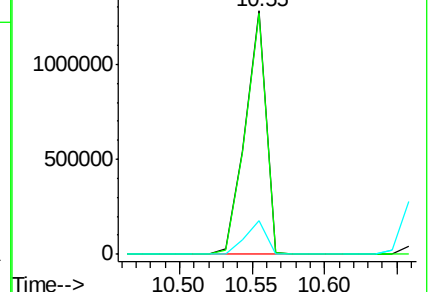
167 13.7 11.1 16.7



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: 39.23 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Tgt Ion:232 Resp: 293000

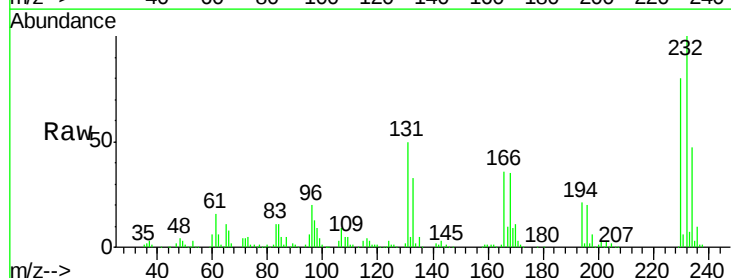
Ion Ratio Lower Upper

232 100

131 50.5 34.5 51.7

130 2.3 1.6 2.4

166 35.6 23.8 35.8

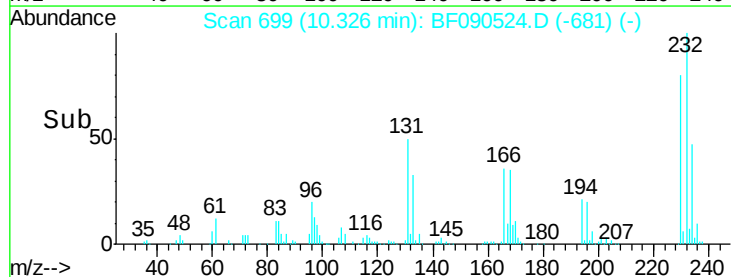
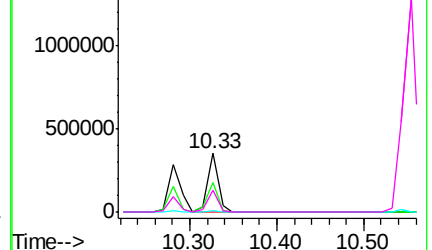


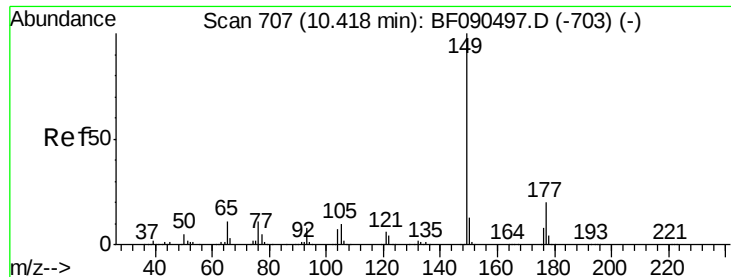
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

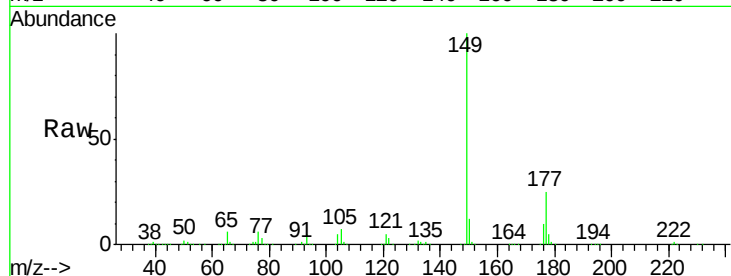




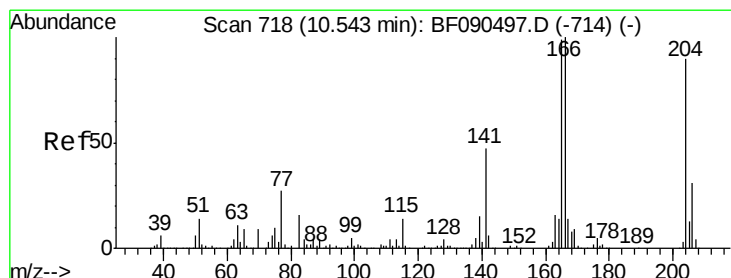
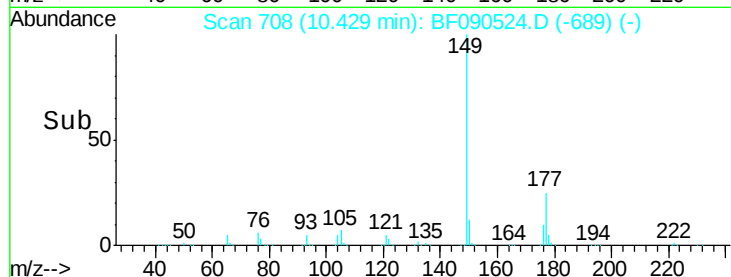
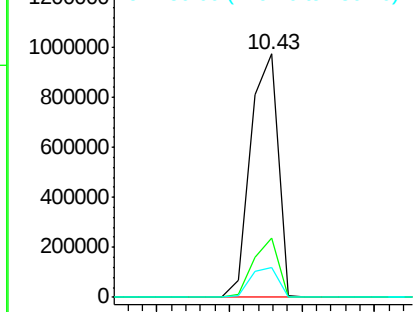
#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.43 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1277562
Ion Ratio Lower Upper
149 100
177 24.6 21.1 31.7
150 12.3 10.2 15.2

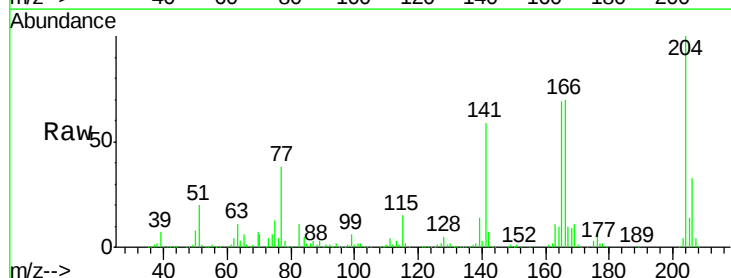


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

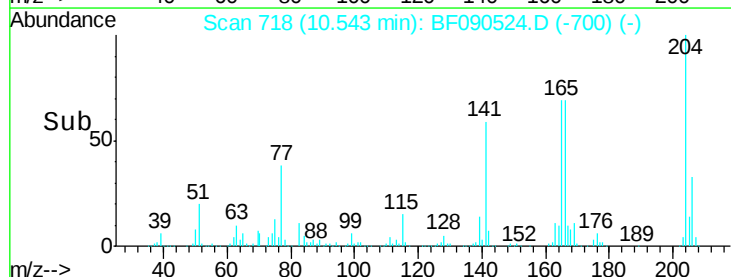
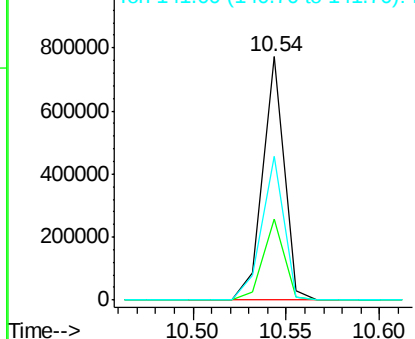


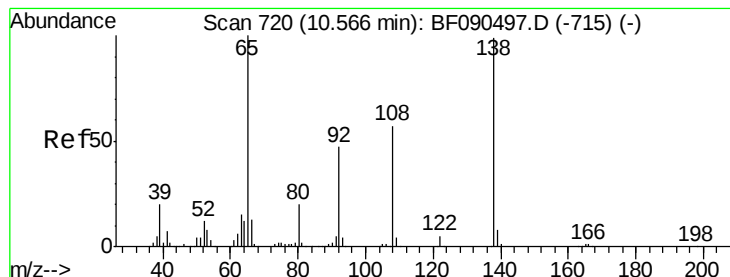
#60
4-Chlorophenyl-phenylether
Concen: 41.29 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:204 Resp: 609484
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.1 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.57 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

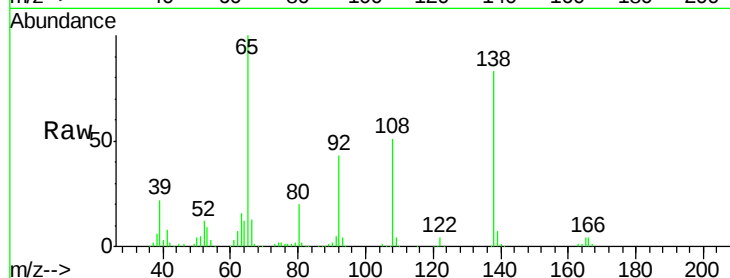
Tgt Ion:138 Resp: 347544

Ion Ratio Lower Upper

138 100

92 52.3 33.2 73.2

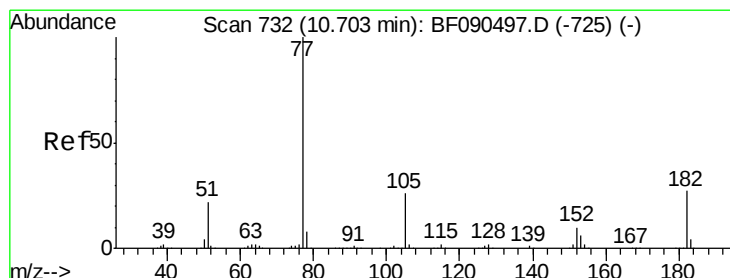
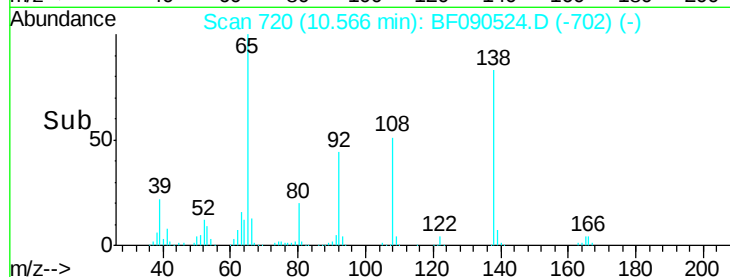
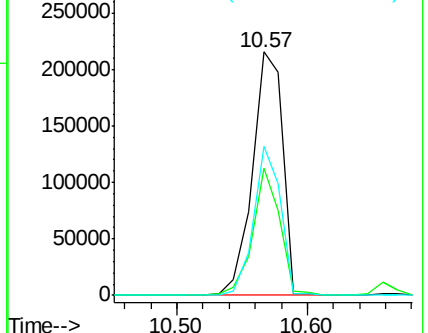
108 60.9 48.5 88.5



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: 37.93 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Tgt Ion: 77 Resp: 1358153

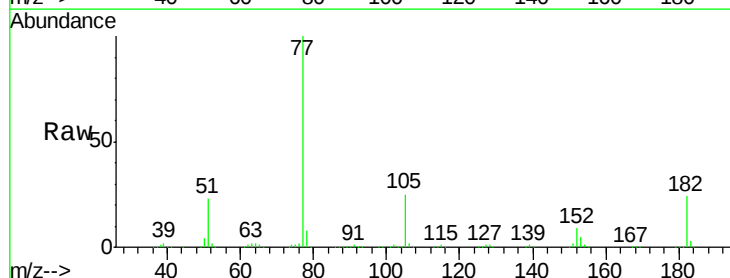
Ion Ratio Lower Upper

77 100

182 24.2 3.2 43.2

105 25.1 2.9 42.9

51 22.7 14.2 54.2

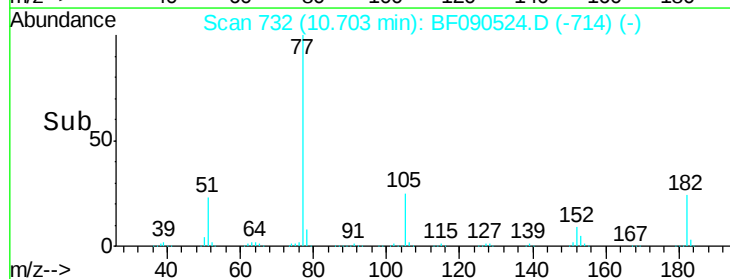
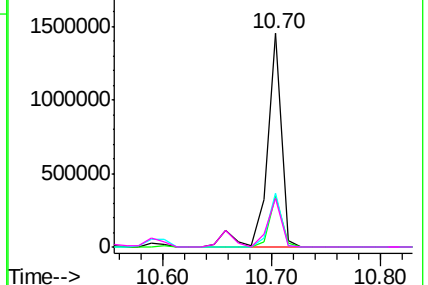


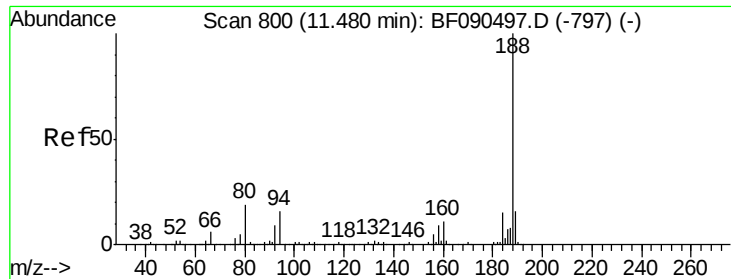
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

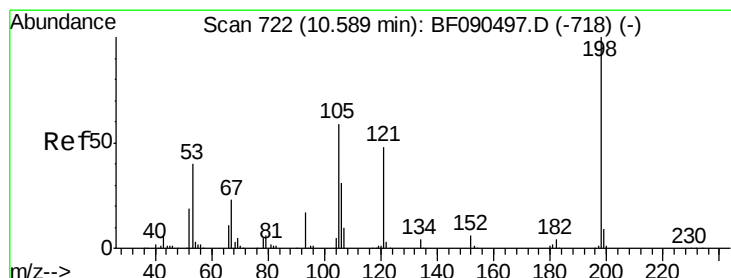
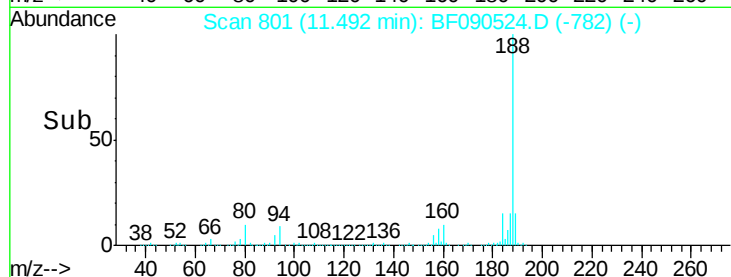
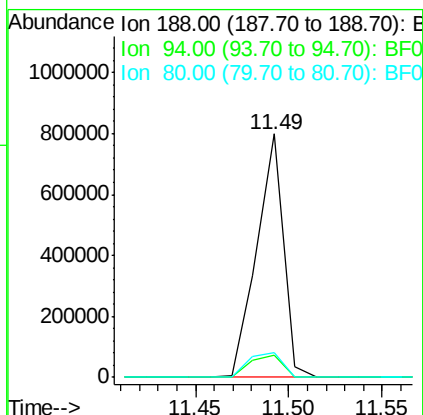
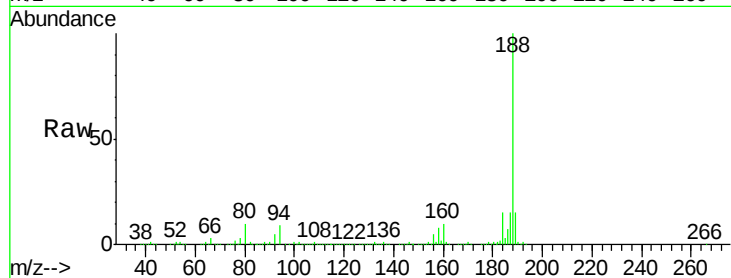




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

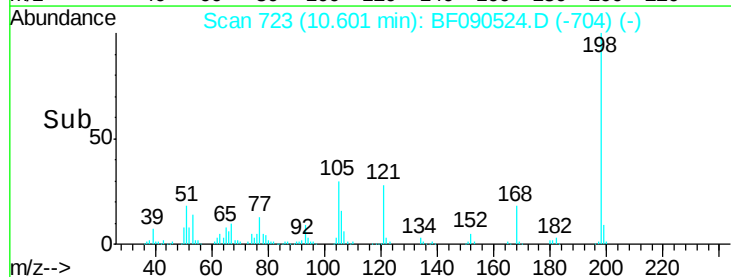
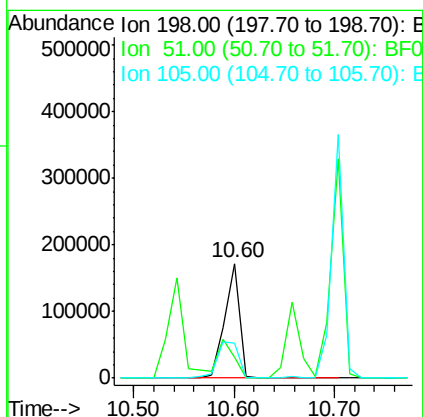
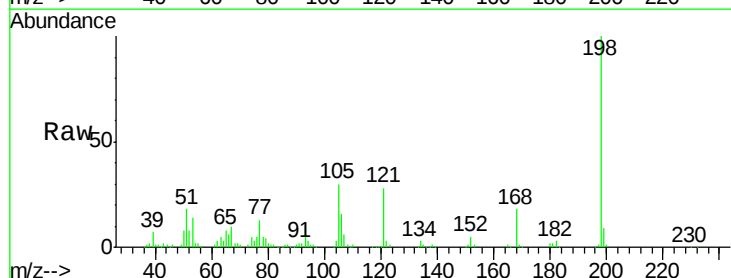
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

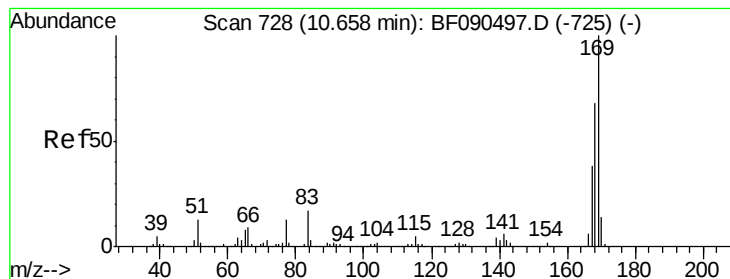
Tgt Ion:188 Resp: 806999
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.0 8.8 13.2



#64
4,6-Dinitro-2-methylphenol
Concen: 32.91 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:198 Resp: 177373
Ion Ratio Lower Upper
198 100
51 18.3 67.3 107.3#
105 30.0 42.6 82.6#





#65

n-Nitrosodiphenylamine

Concen: 37.44 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

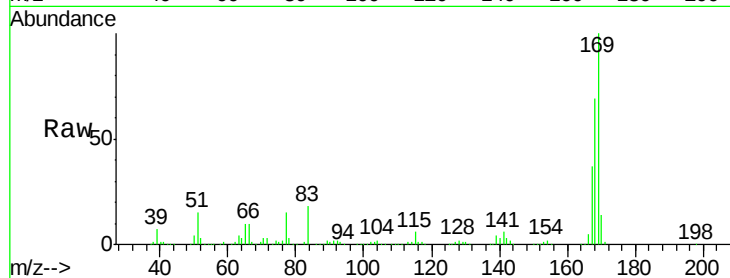
Tgt Ion:169 Resp: 982512

Ion Ratio Lower Upper

169 100

168 69.0 53.8 80.6

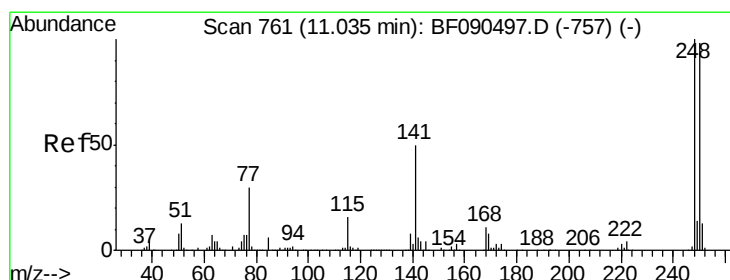
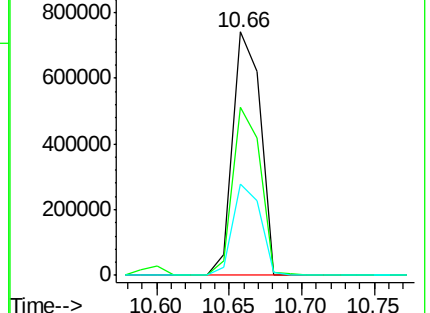
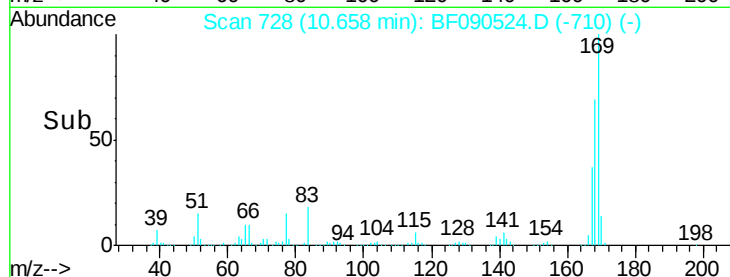
167 37.4 29.8 44.8



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: 42.37 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

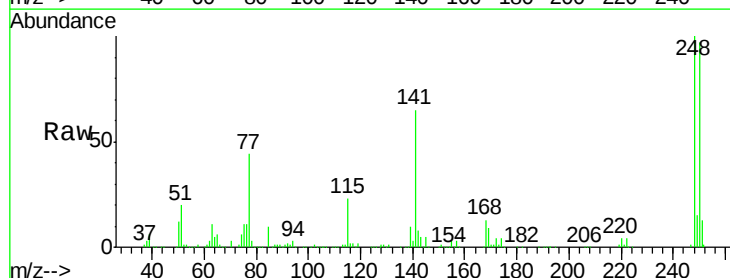
Tgt Ion:248 Resp: 378835

Ion Ratio Lower Upper

248 100

250 96.5 76.5 114.7

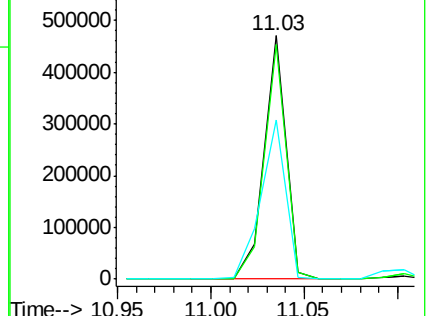
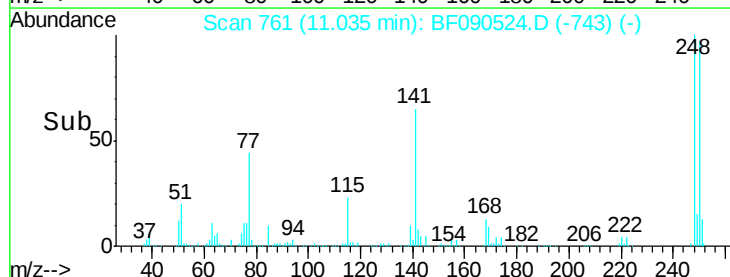
141 65.2 59.8 89.6

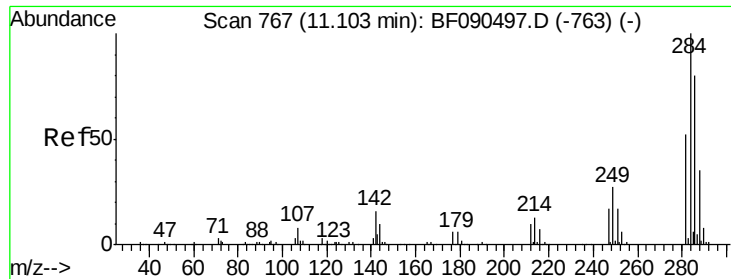


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

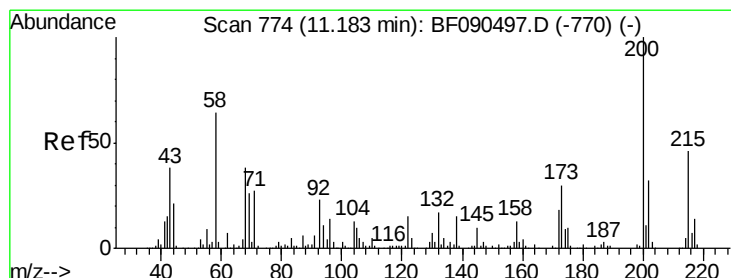
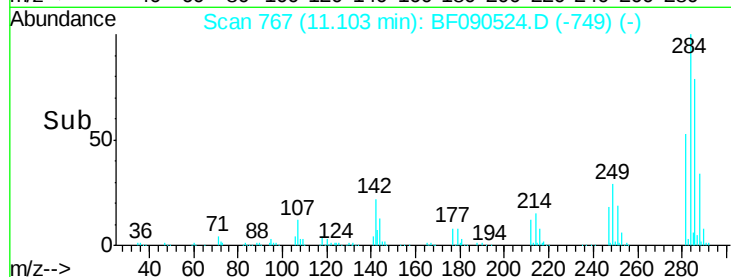
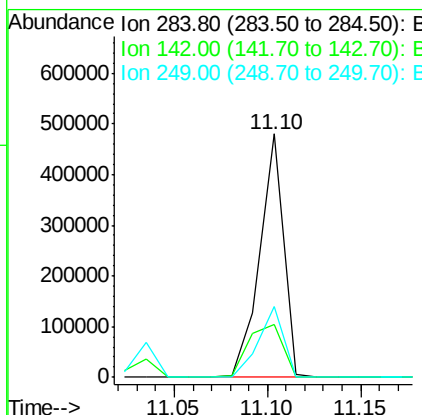
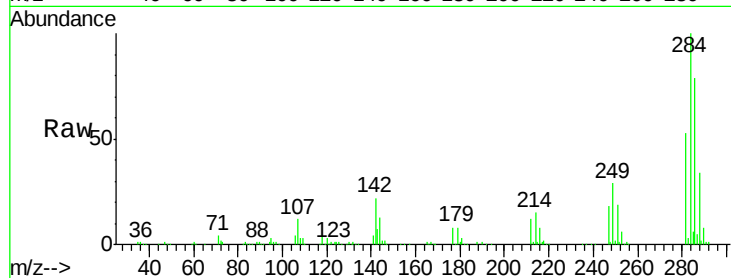




#67
Hexachlorobenzene
Concen: 42.76 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

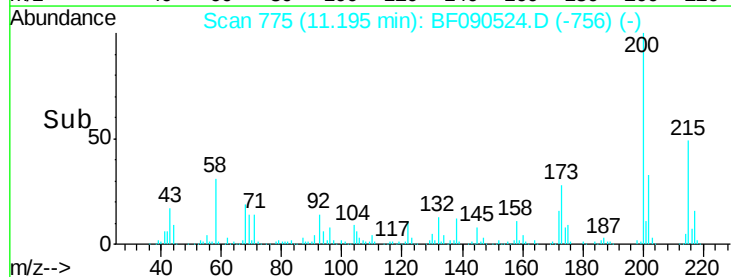
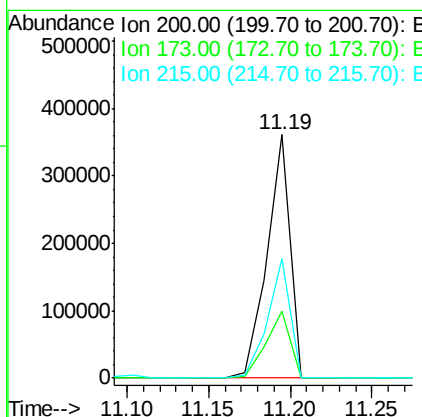
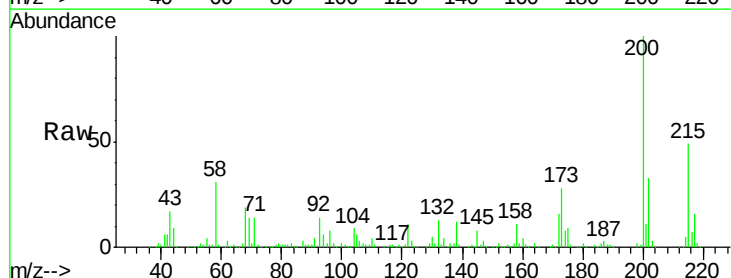
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

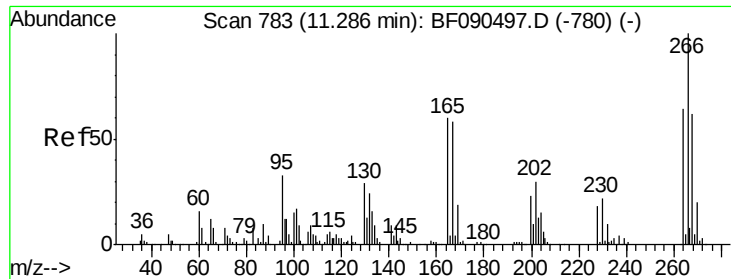
Tgt Ion:284 Resp: 422420
Ion Ratio Lower Upper
284 100
142 21.9 23.1 34.7#
249 29.2 26.3 39.5



#68
Atrazine
Concen: 43.67 ng
RT: 11.19 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:200 Resp: 354669
Ion Ratio Lower Upper
200 100
173 27.7 9.0 49.0
215 49.2 24.8 64.8

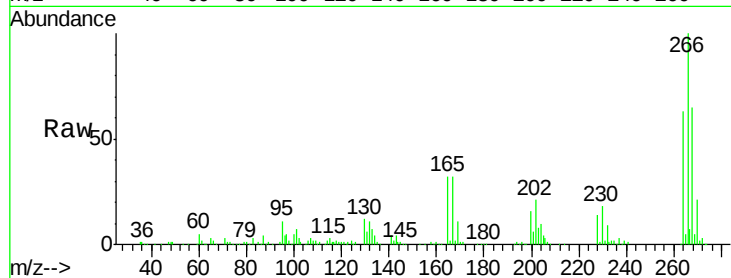




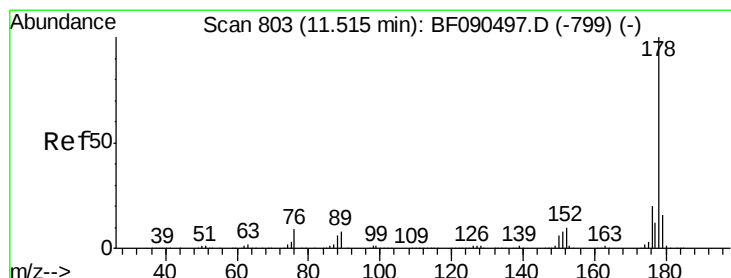
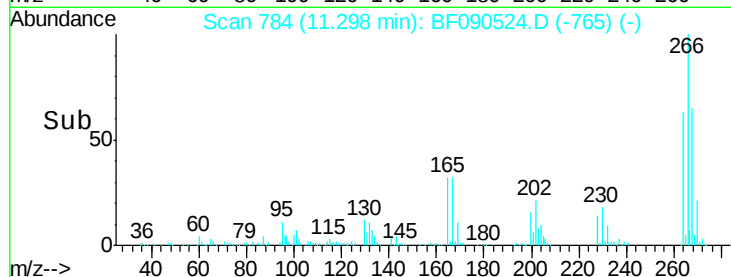
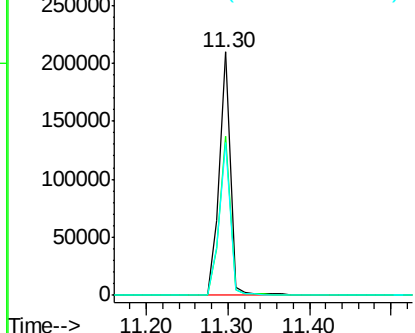
#69
 Pentachlorophenol
 Concen: 34.22 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 201133
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.9 76.3
 264 62.9 51.5 77.3

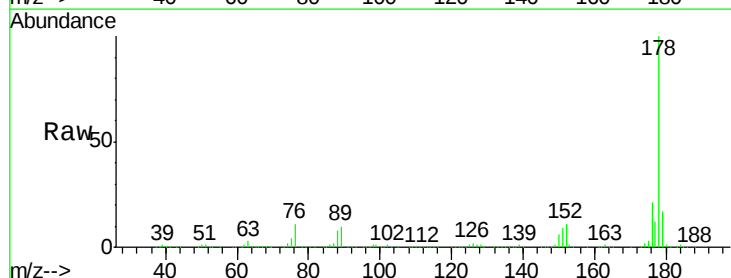


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

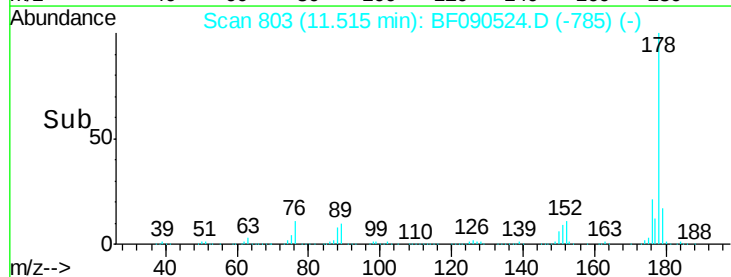
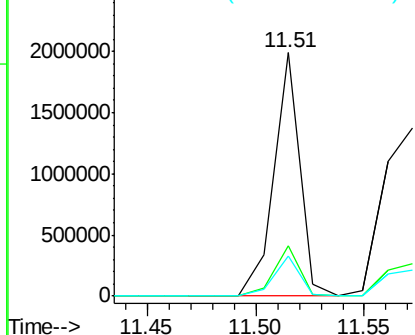


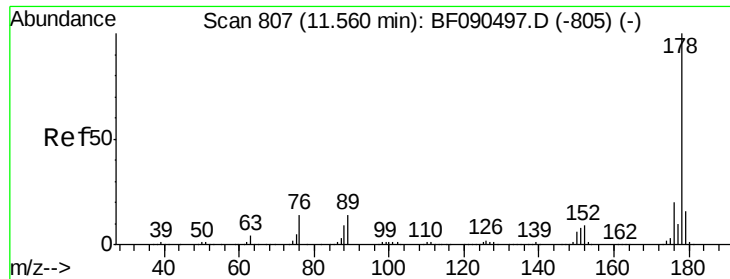
#70
 Phenanthrene
 Concen: 37.56 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion: 178 Resp: 1670327
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 16.6 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

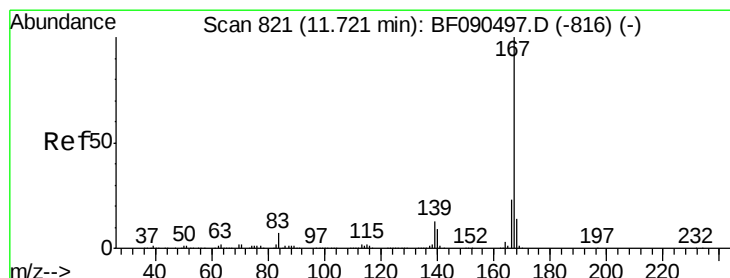
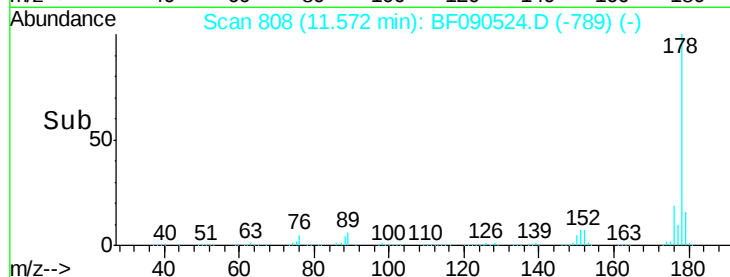
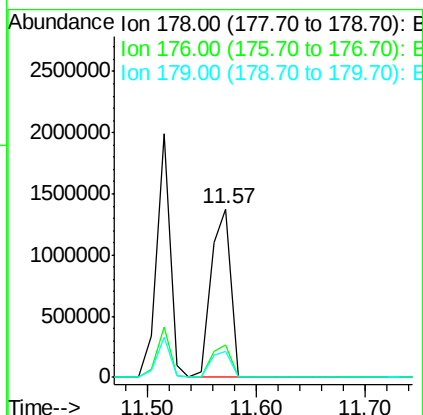
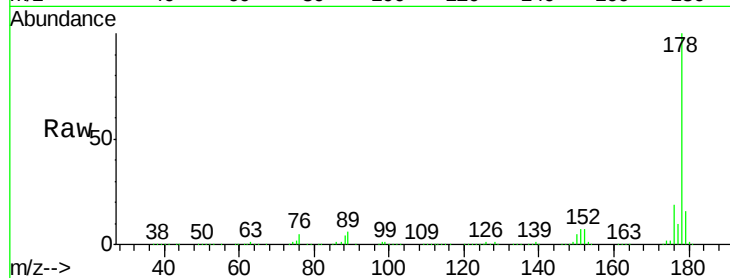




#71
 Anthracene
 Concen: 38.49 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

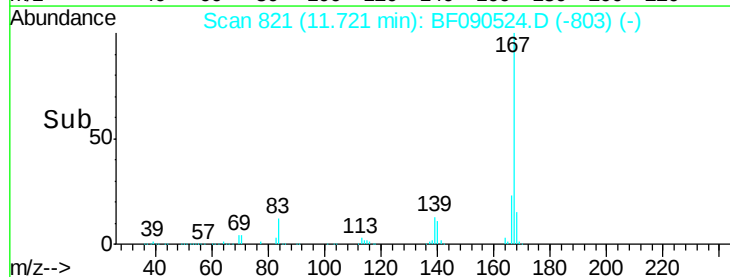
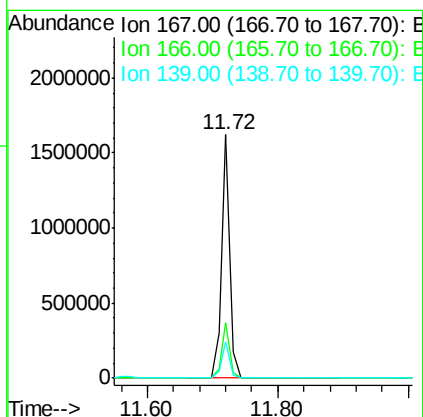
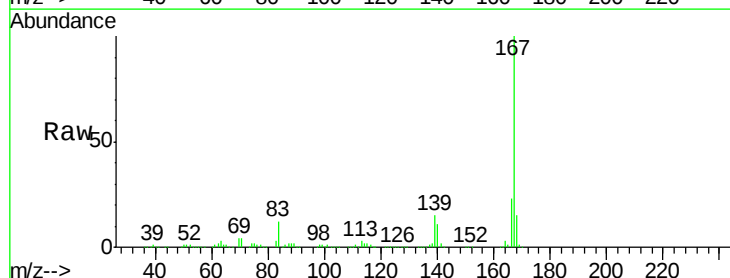
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

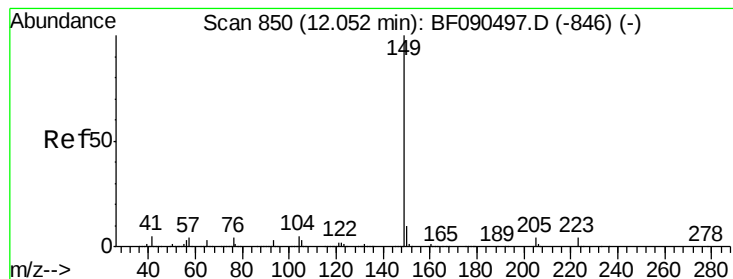
Tgt Ion:178 Resp: 1734227
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.8 25.2
 179 15.6 13.4 20.2



#72
 Carbazole
 Concen: 34.08 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:167 Resp: 1450084
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.1 28.7
 139 14.8 12.1 18.1





#73

Di-n-butylphthalate

Concen: 39.22 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

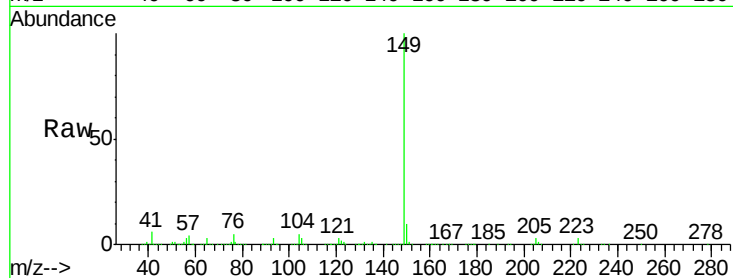
Tgt Ion:149 Resp: 2009883

Ion Ratio Lower Upper

149 100

150 10.2 8.6 12.8

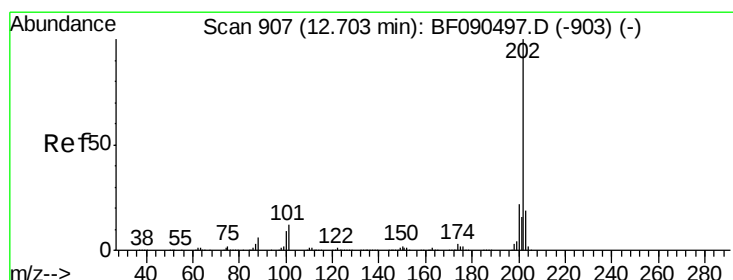
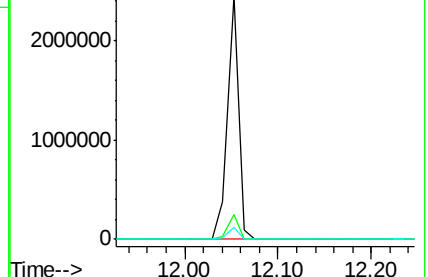
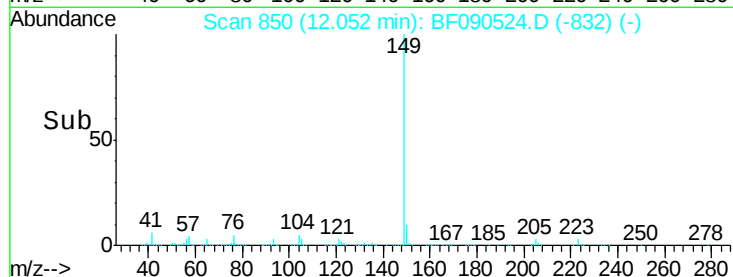
104 4.9 4.7 7.1



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: 37.32 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

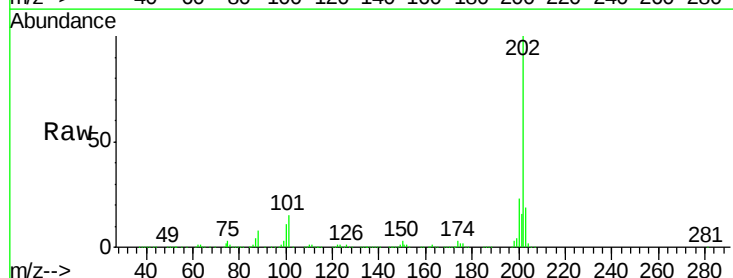
Tgt Ion:202 Resp: 1694488

Ion Ratio Lower Upper

202 100

101 14.9 0.0 37.2

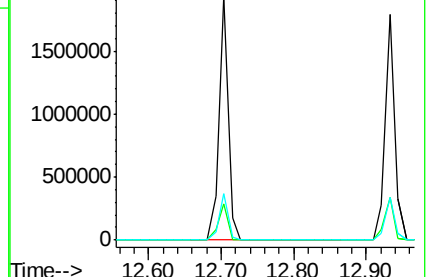
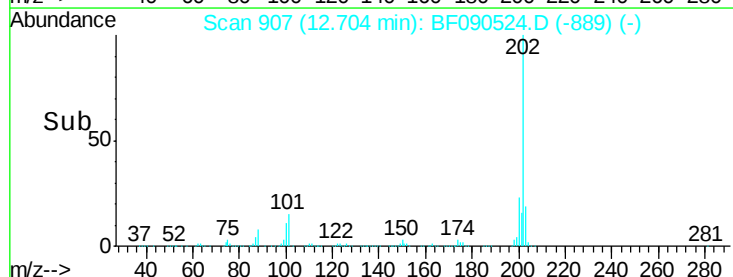
203 18.9 0.0 39.3

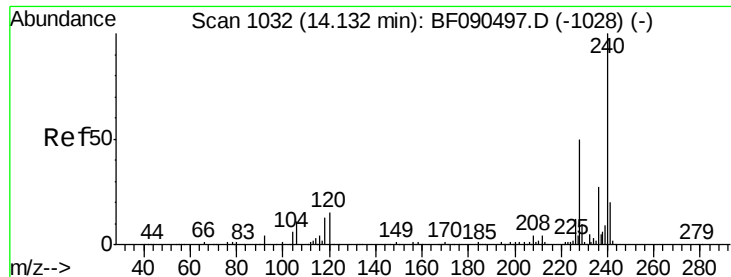


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

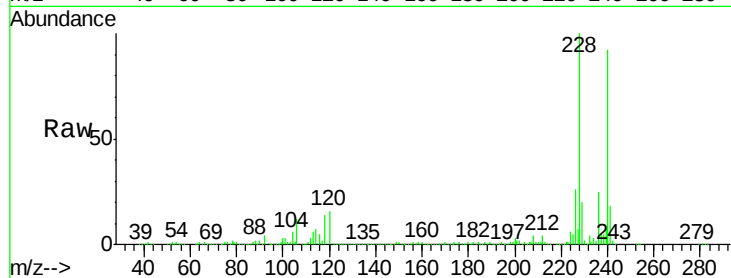
Tgt Ion:240 Resp: 647131

Ion Ratio Lower Upper

240 100

120 17.3 8.6 13.0#

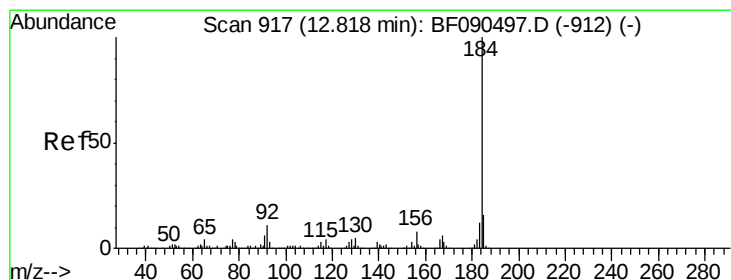
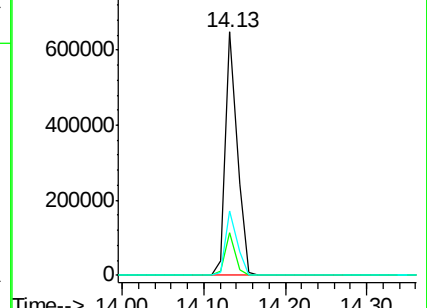
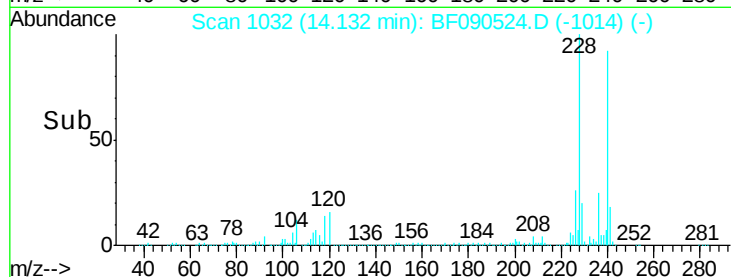
236 26.7 21.6 32.4



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: 34.20 ng

RT: 12.83 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

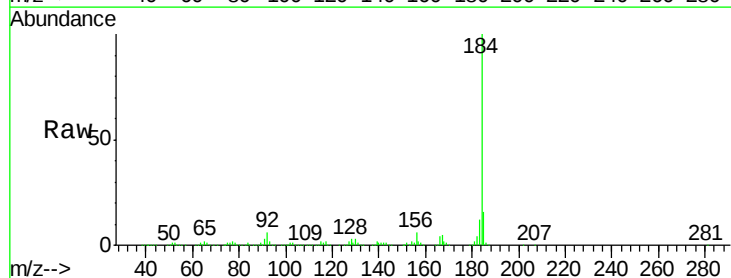
Tgt Ion:184 Resp: 695537

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.8

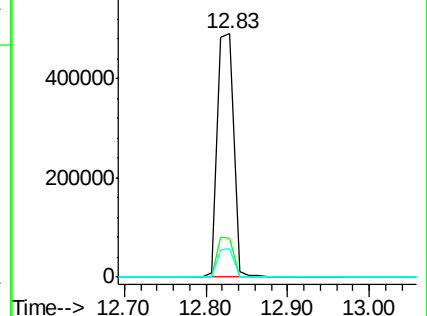
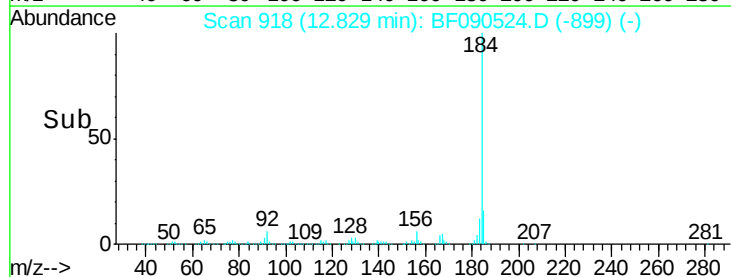
183 11.6 9.6 14.4

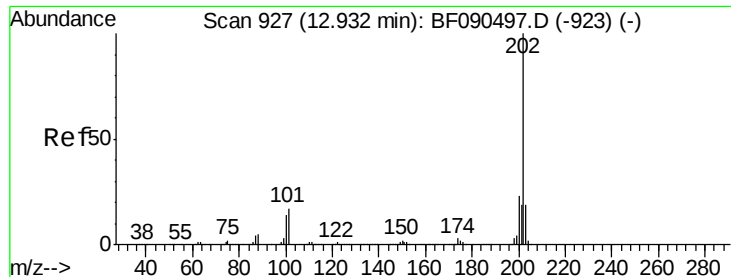


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.85 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

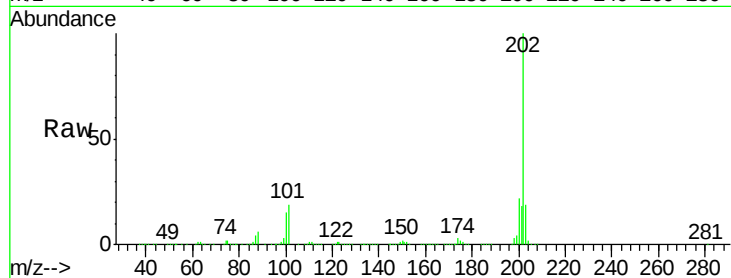
Tgt Ion:202 Resp: 1654717

Ion Ratio Lower Upper

202 100

200 22.4 18.5 27.7

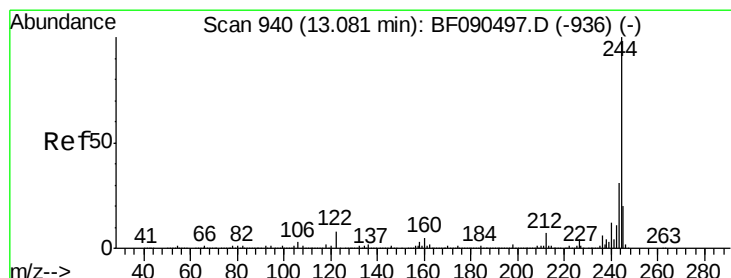
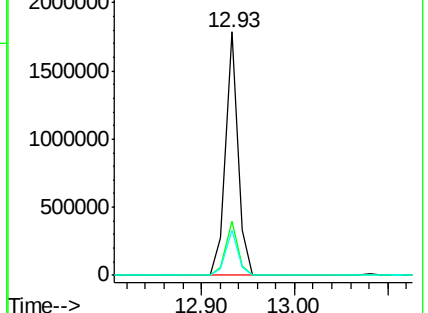
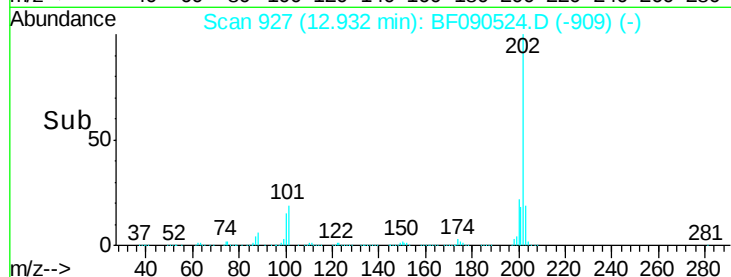
203 18.8 15.0 22.6



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: 93.81 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

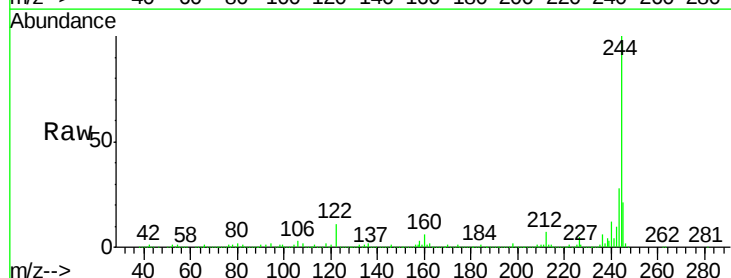
Tgt Ion:244 Resp: 2484161

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

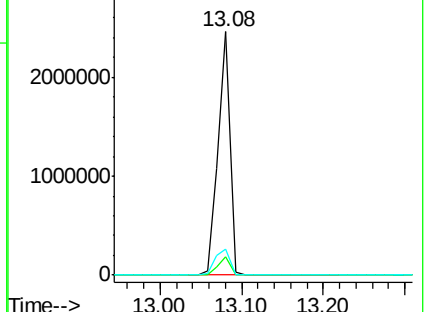
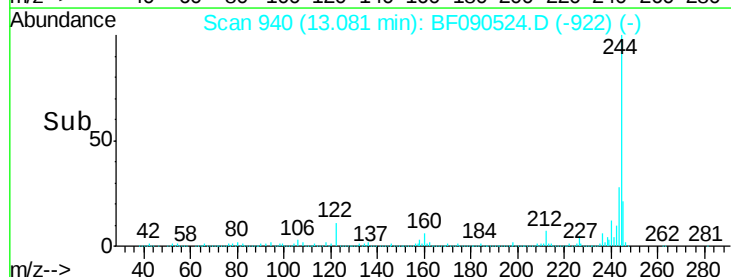
122 10.6 13.3 19.9#

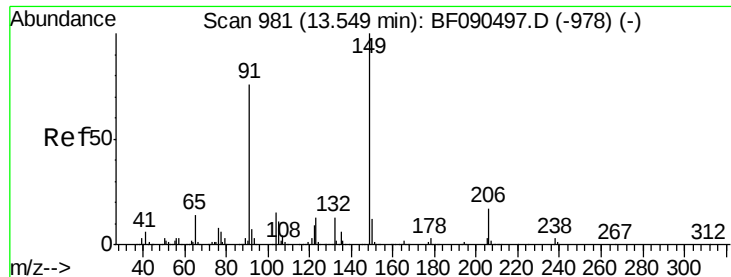


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

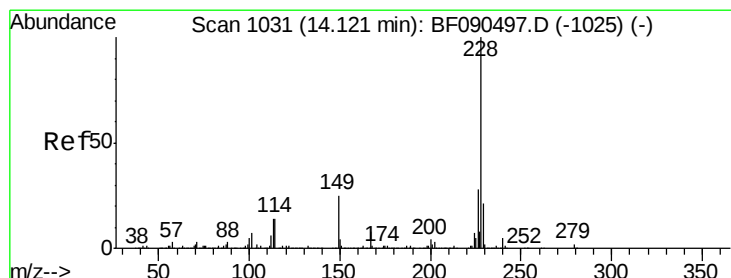
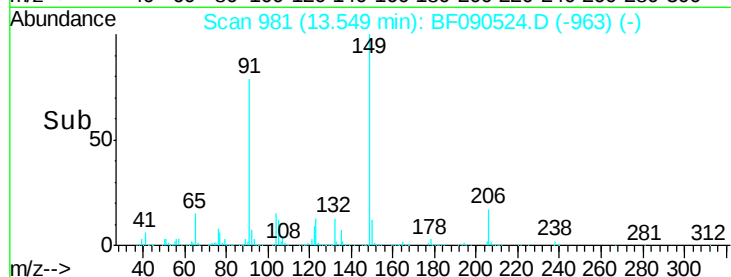
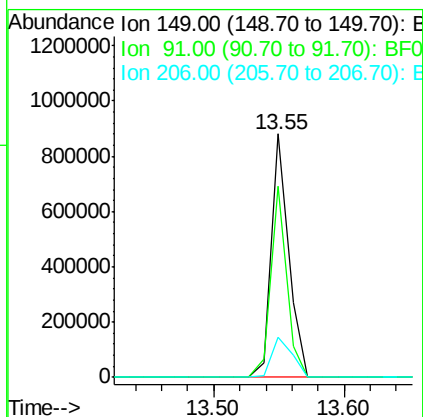
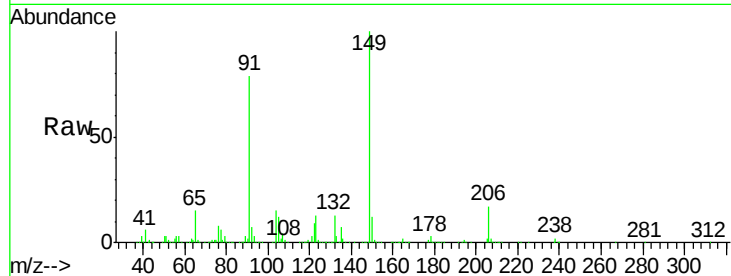




#79
Butylbenzylphthalate
Concen: 43.59 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

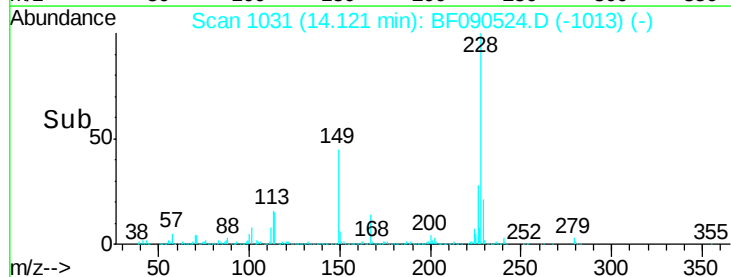
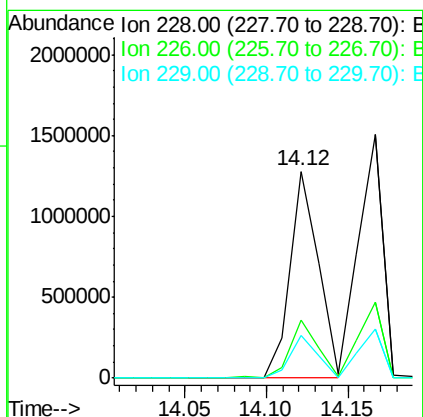
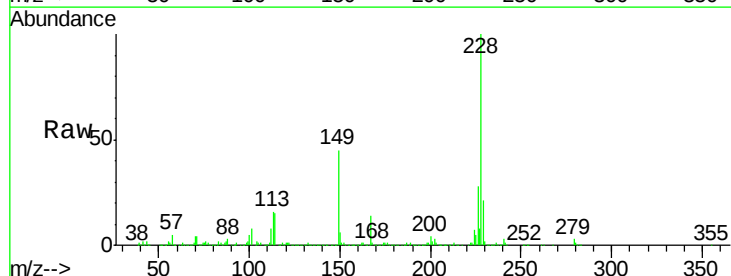
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

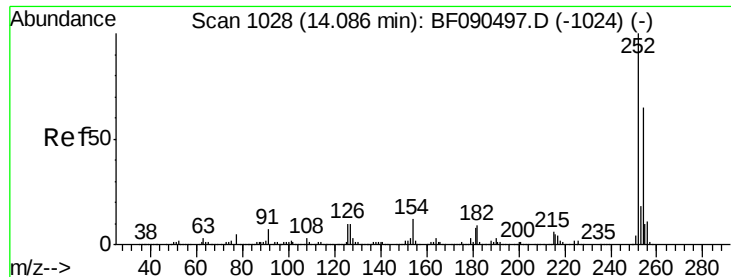
Tgt Ion:149 Resp: 826545
Ion Ratio Lower Upper
149 100
91 78.6 51.8 77.8#
206 16.6 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 40.17 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090524.D
Acq: 12 Oct 2016 1:52

Tgt Ion:228 Resp: 1549264
Ion Ratio Lower Upper
228 100
226 28.1 23.6 35.4
229 20.5 16.6 25.0

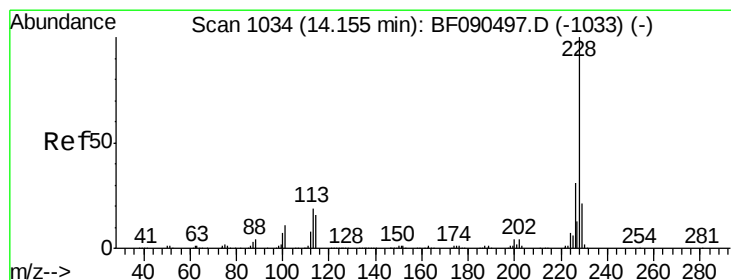
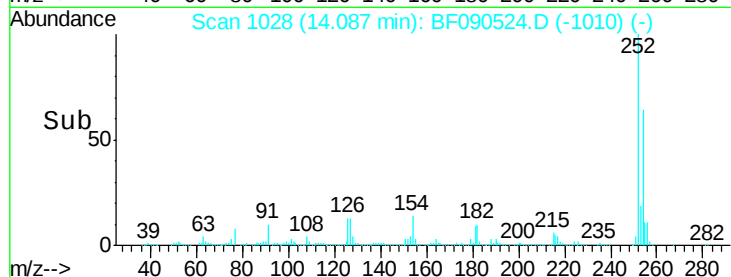
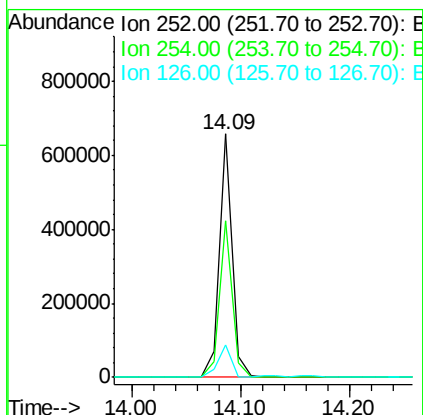
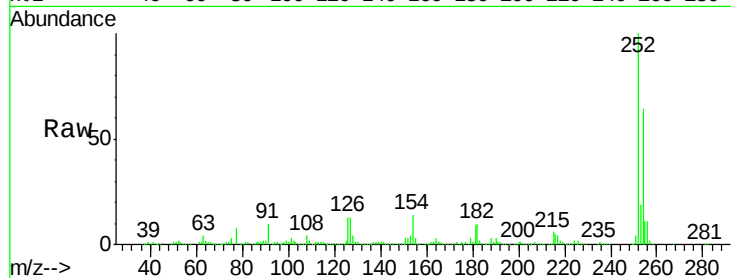




#81
 3,3'-Dichlorobenzidine
 Concen: 39.25 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

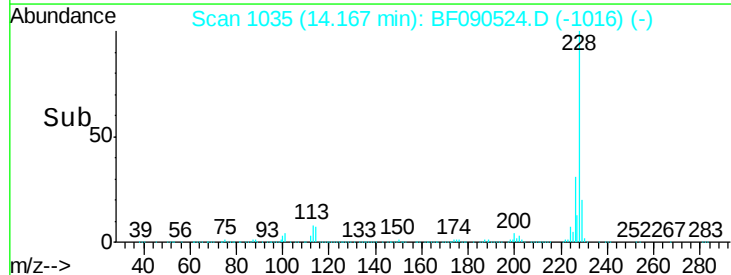
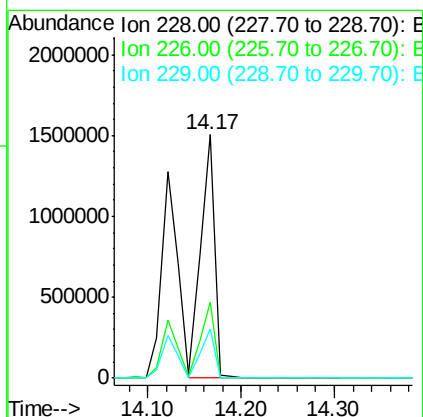
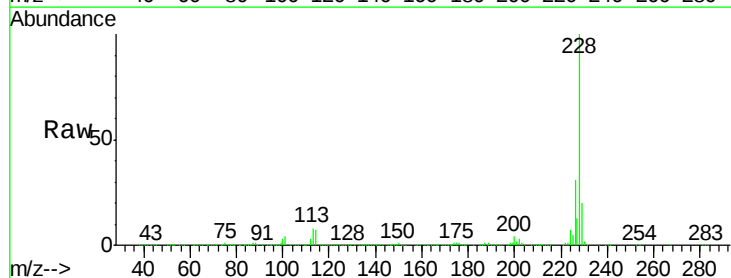
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

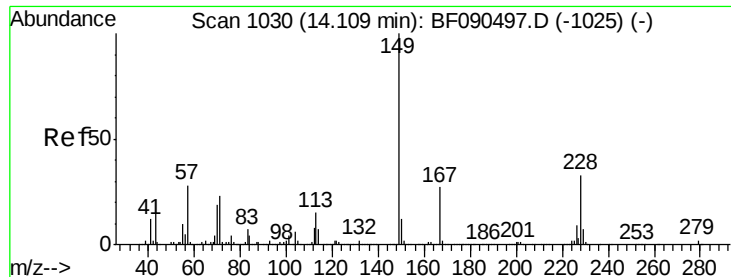
Tgt Ion:252 Resp: 544816
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 13.3 4.2 6.4#



#82
 Chrysene
 Concen: 44.00 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:228 Resp: 1579592
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.6
 229 20.0 16.9 25.3

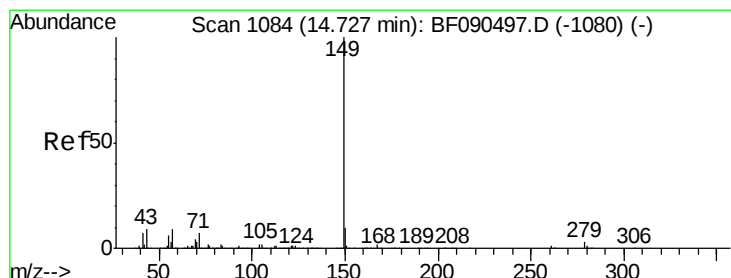
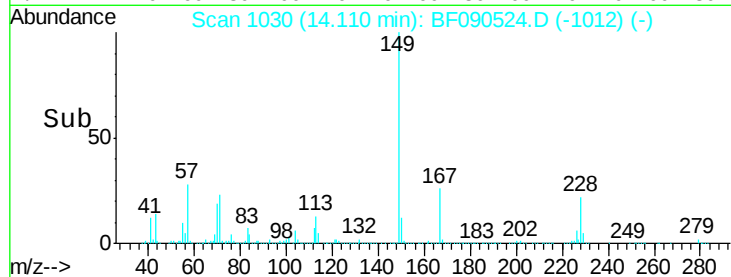
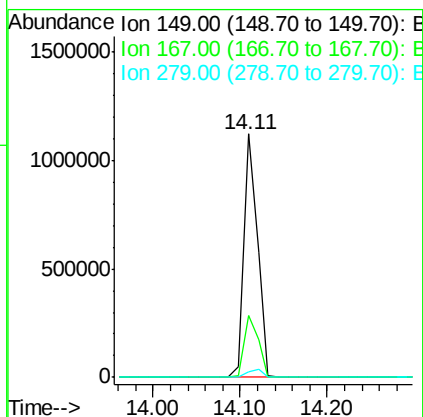
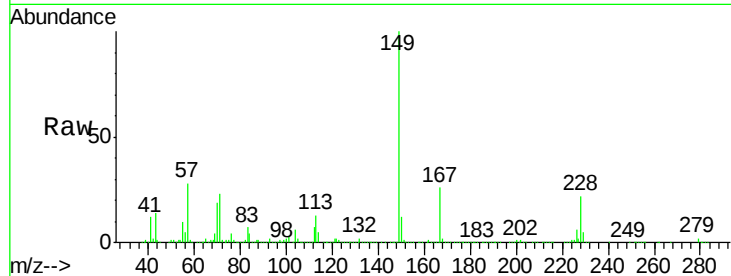




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.75 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

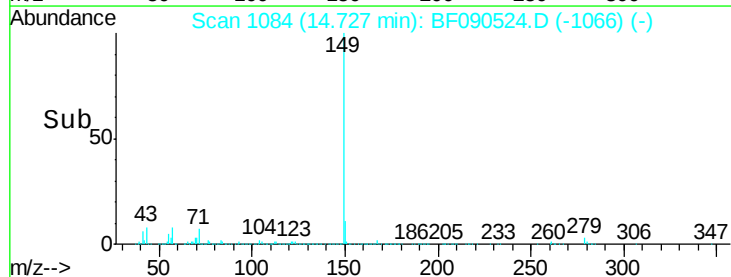
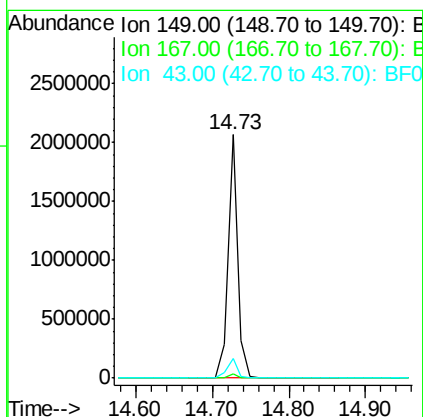
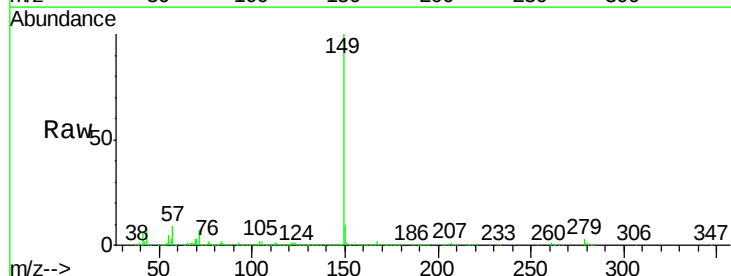
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

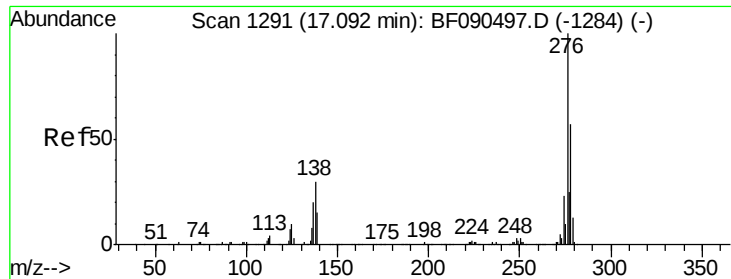
Tgt Ion:149 Resp: 1210727
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.5 32.3
 279 2.1 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 43.15 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:149 Resp: 1849144
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.5 11.8 17.8#

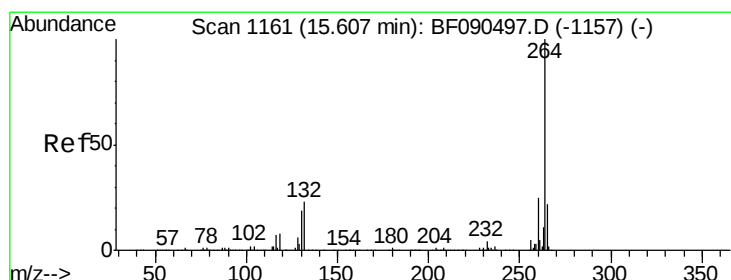
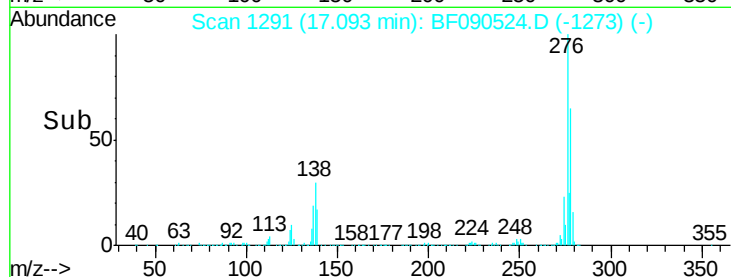
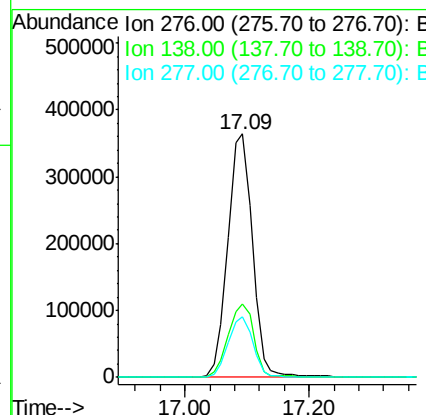
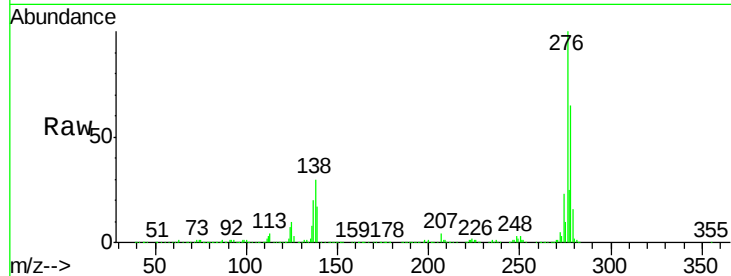




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.65 ng
 RT: 17.09 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

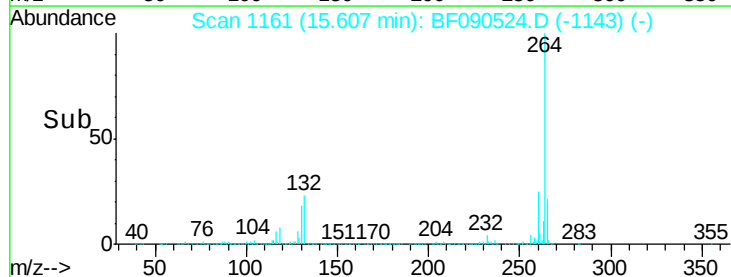
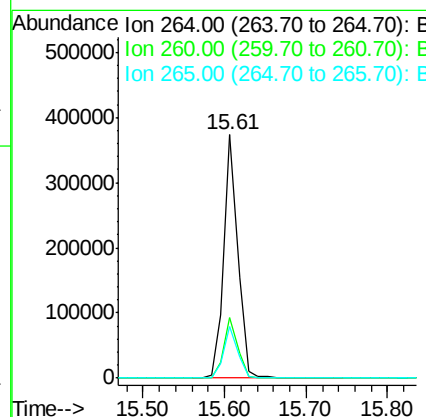
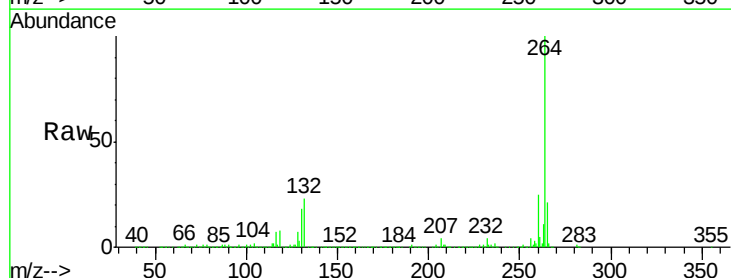
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

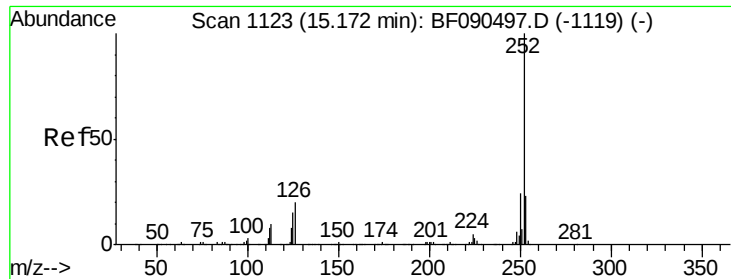
Tgt Ion:276 Resp: 1005788
 Ion Ratio Lower Upper
 276 100
 138 31.7 23.8 35.8
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090524.D
 Acq: 12 Oct 2016 1:52

Tgt Ion:264 Resp: 446673
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 44.86 ng

RT: 15.18 min Scan# 1124

Delta R.T. 0.01 min

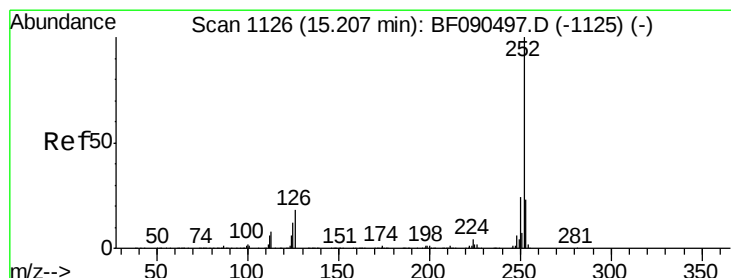
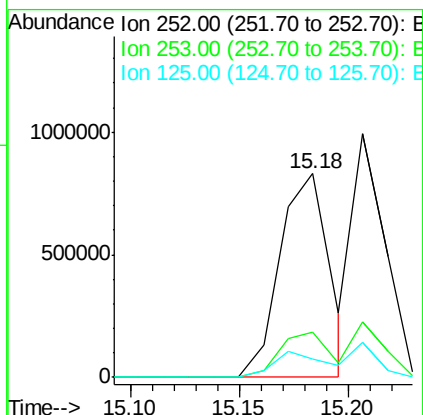
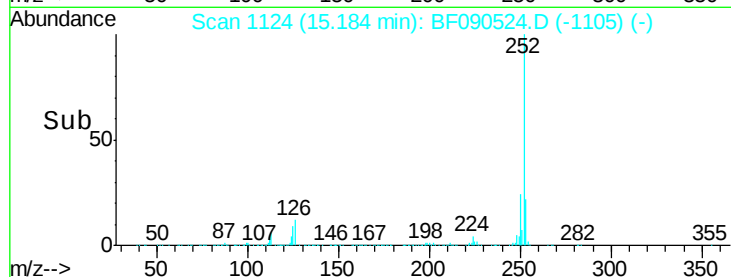
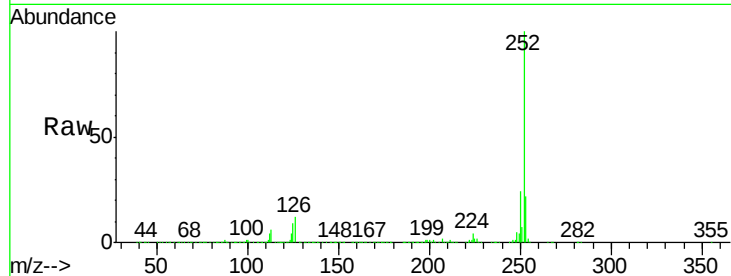
Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1322043

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.0	7.0	10.4



#88

Benzo(k)fluoranthene

Concen: 50.36 ng

RT: 15.18 min Scan# 1124

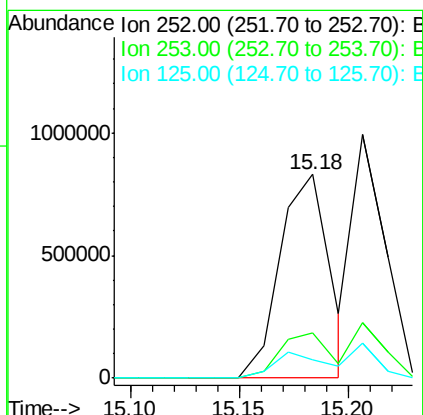
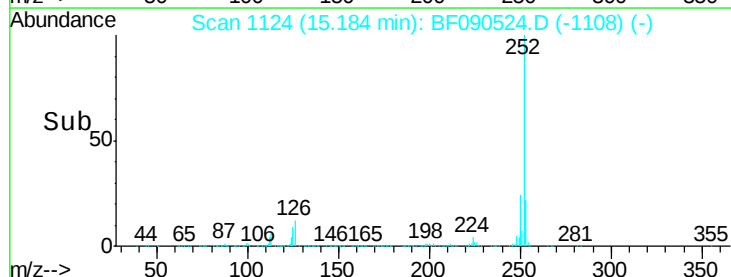
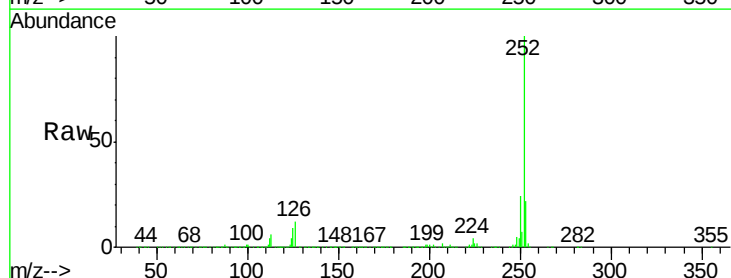
Delta R.T. -0.02 min

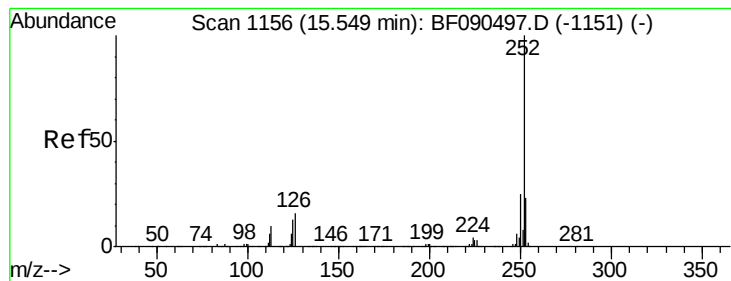
Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Tgt Ion:252 Resp: 1322043

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	9.0	11.7	17.5#





#89

Benzo(a)pyrene

Concen: 41.44 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

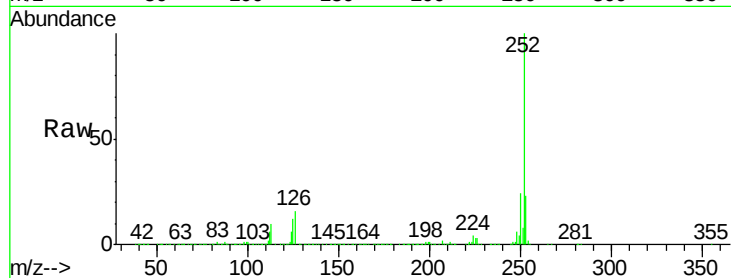
Tgt Ion:252 Resp: 1072555

Ion Ratio Lower Upper

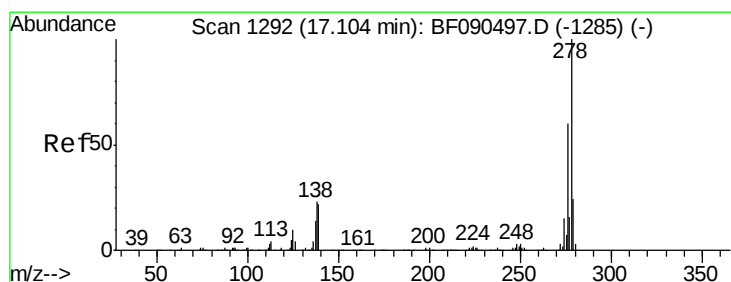
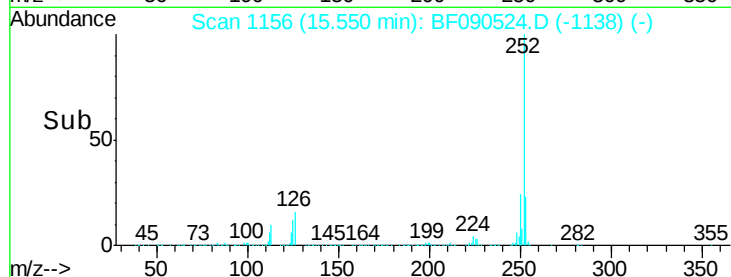
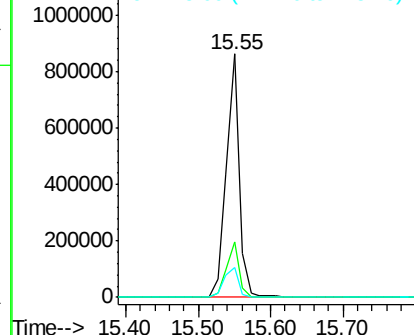
252 100

253 22.5 18.2 27.4

125 12.4 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: 40.13 ng

RT: 17.10 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF090524.D

Acq: 12 Oct 2016 1:52

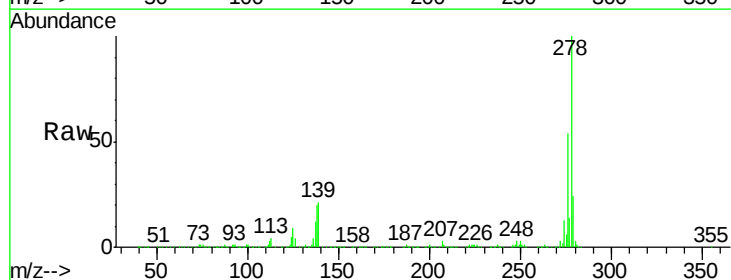
Tgt Ion:278 Resp: 882245

Ion Ratio Lower Upper

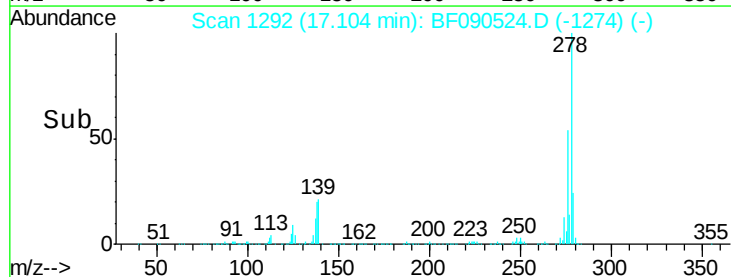
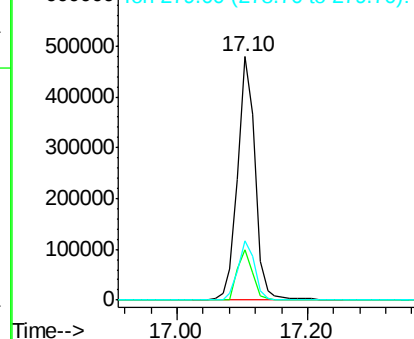
278 100

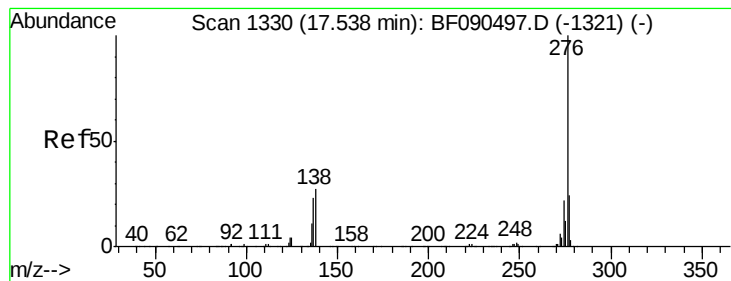
139 20.8 12.8 19.2#

279 24.3 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: 38.72 ng

RT: 17.54 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF090524.D

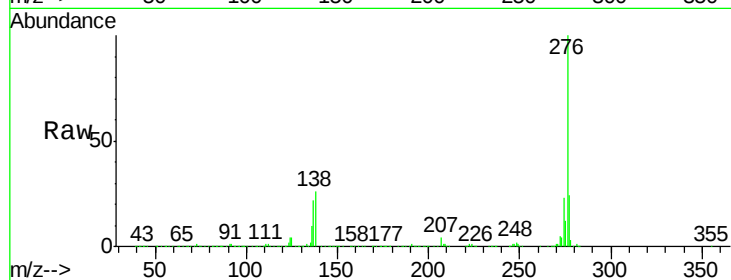
Acq: 12 Oct 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



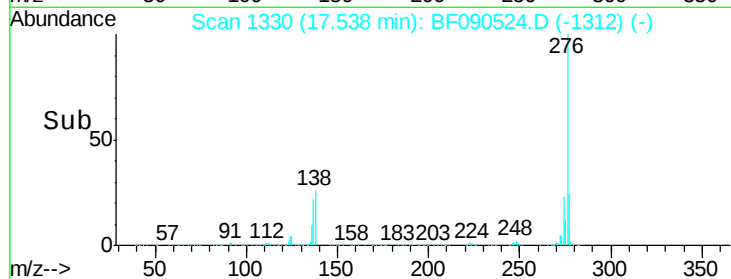
Tgt Ion: 276 Resp: 787197

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 26.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

