

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090378.D
 Acq On : 5 Oct 2016 13:47
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 05 14:17:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 13:33:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	278998	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	1177601	20.00	ng	0.01
38) Acenaphthene-d10	10.06	164	599973	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	915600	20.00	ng	0.00
75) Chrysene-d12	14.20	240	691086	20.00	ng	0.00
86) Perylene-d12	15.70	264	422416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2173578	122.88	ng	0.00
7) Phenol-d6	6.63	99	2810935	127.13	ng	0.01
23) Nitrobenzene-d5	7.57	82	2884457	142.78	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	589108	113.05	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3490008	94.84	ng	0.00
78) Terphenyl-d14	13.14	244	3704942	124.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	558085	64.64	ng	# 93
3) Pyridine	3.49	79	1587081	69.34	ng	88
4) n-Nitrosodimethylamine	3.46	42	637997	76.96	ng	# 63
6) Aniline	6.67	93	2022401	66.57	ng	96
8) 2-Chlorophenol	6.79	128	1250800	62.93	ng	99
9) Benzaldehyde	6.55	77	739299	72.03	ng	96
10) Phenol	6.65	94	1586485	58.99	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	1269497	66.48	ng	88
12) 1,3-Dichlorobenzene	6.94	146	1189352	57.61	ng	# 88
13) 1,4-Dichlorobenzene	7.02	146	1181677	56.37	ng	99
14) 1,2-Dichlorobenzene	7.18	146	1274913	63.97	ng	99
15) Benzyl Alcohol	7.15	79	1096096	70.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	2022139	69.28	ng	92
17) 2-Methylphenol	7.26	107	1054132	68.47	ng	99
18) Hexachloroethane	7.53	117	512411	67.55	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	1097304	77.71	ng	# 81
20) 3+4-Methylphenols	7.41	107	1231240	62.90	ng	92
22) Acetophenone	7.42	105	1613806	59.19	ng	94
24) Nitrobenzene	7.59	77	1390248	64.45	ng	99
25) Isophorone	7.83	82	2616999	68.09	ng	96
26) 2-Nitrophenol	7.91	139	669552	80.44	ng	96
27) 2,4-Dimethylphenol	7.95	122	1238213	65.94	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	1432427	60.02	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	983976	64.01	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	914664	53.12	ng	99
31) Naphthalene	8.33	128	3247363	57.69	ng	99
32) Benzoic acid	8.10	122	977211	88.49	ng	90
33) 4-Chloroaniline	8.36	127	1335822	59.41	ng	98
34) Hexachlorobutadiene	8.44	225	581525	57.38	ng	99
35) Caprolactam	8.76	113	312453	77.71	ng	93
36) 4-Chloro-3-methylphenol	8.85	107	1231141	74.57	ng	94
37) 2-Methylnaphthalene	9.01	142	1944133	55.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	1059252	62.55	ng	99
40) Hexachlorocyclopentadiene	9.17	237	596124	60.19	ng	99

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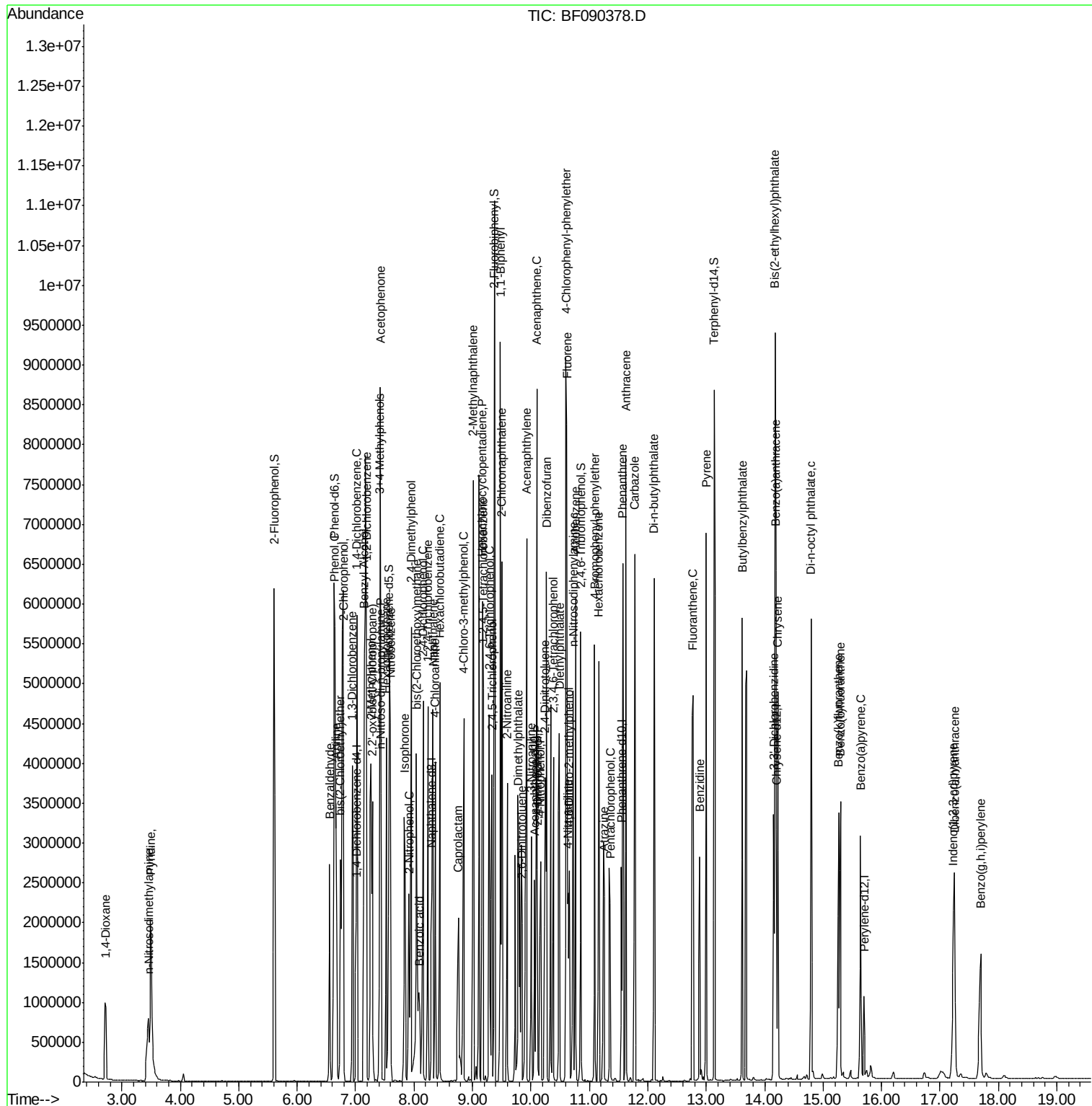
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	634088	59.52	ng	97
43) 2,4,5-Trichlorophenol	9.33	196	662683	61.82	ng #	92
45) 1,1'-Biphenyl	9.48	154	2497722	53.77	ng	98
46) 2-Chloronaphthalene	9.50	162	1792060	51.40	ng	98
47) 2-Nitroaniline	9.59	65	747764	78.57	ng	92
48) Acenaphthylene	9.93	152	3189803	60.48	ng	99
49) Dimethylphthalate	9.79	163	2224410	62.63	ng	98
50) 2,6-Dinitrotoluene	9.85	165	525119	67.59	ng #	58
51) Acenaphthene	10.10	154	2029662	63.23	ng	99
52) 3-Nitroaniline	10.01	138	574420	65.27	ng	88
53) 2,4-Dinitrophenol	10.11	184	246819	105.08	ng #	68
54) Dibenzofuran	10.27	168	2620024	61.73	ng	94
55) 4-Nitrophenol	10.17	139	578798	82.60	ng	87
56) 2,4-Dinitrotoluene	10.25	165	729503	78.01	ng #	53
57) Fluorene	10.61	166	2138606	60.24	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	511005	67.60	ng	89
59) Diethylphthalate	10.49	149	2298083	63.30	ng	97
60) 4-Chlorophenyl-phenylether	10.60	204	1003226	59.59	ng	99
61) 4-Nitroaniline	10.63	138	650268	82.15	ng	92
62) Azobenzene	10.76	77	2551995	67.45	ng	91
64) 4,6-Dinitro-2-methylphenol	10.66	198	397932	113.93	ng #	60
65) n-Nitrosodiphenylamine	10.73	169	1885561	60.39	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	564848	57.09	ng	93
67) Hexachlorobenzene	11.16	284	625387	53.78	ng #	87
68) Atrazine	11.25	200	477885	63.93	ng	93
69) Pentachlorophenol	11.35	266	408473	62.66	ng	98
70) Phenanthrene	11.57	178	2547814	51.87	ng	100
71) Anthracene	11.63	178	2865036	58.43	ng	98
72) Carbazole	11.78	167	2387238	52.96	ng	99
73) Di-n-butylphthalate	12.11	149	2905798	53.94	ng	100
74) Fluoranthene	12.77	202	2767853	59.41	ng	91
76) Benzidine	12.89	184	1179190	62.05	ng	97
77) Pyrene	13.00	202	2875444	64.98	ng	98
79) Butylbenzylphthalate	13.62	149	1477417	84.72	ng	96
80) Benzo(a)anthracene	14.19	228	2285598	58.98	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	891967	66.82	ng #	99
82) Chrysene	14.22	228	1911529	52.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1870142	67.04	ng	98
84) Di-n-octyl phthalate	14.80	149	2654634	65.49	ng	94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1624382	41.62	ng #	93
87) Benzo(b)fluoranthene	15.30	252	1651151	67.97	ng	99
88) Benzo(k)fluoranthene	15.26	252	1636308	70.52	ng	98
89) Benzo(a)pyrene	15.64	252	1429354	64.51	ng #	95
90) Dibenzo(a,h)anthracene	17.25	278	1365227	62.84	ng #	94
91) Benzo(g,h,i)perylene	17.70	276	1312307	61.67	ng	95

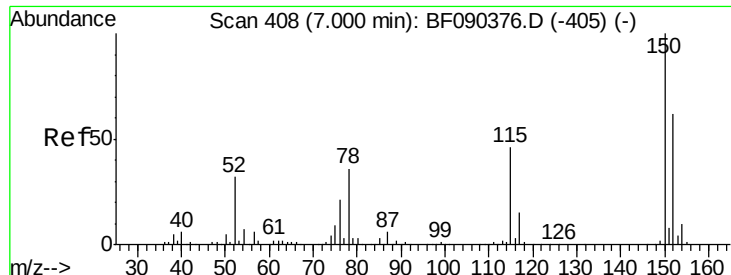
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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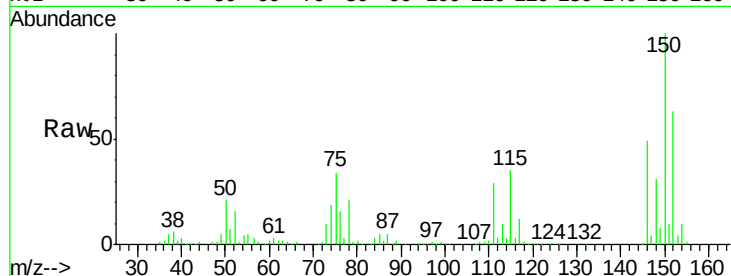


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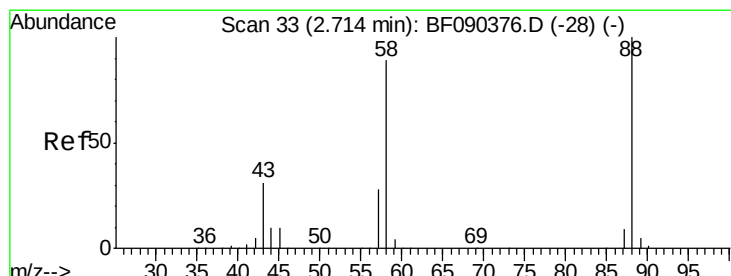
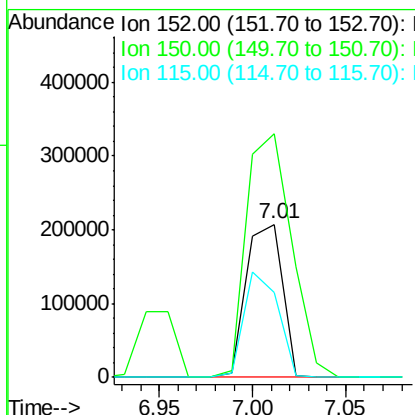
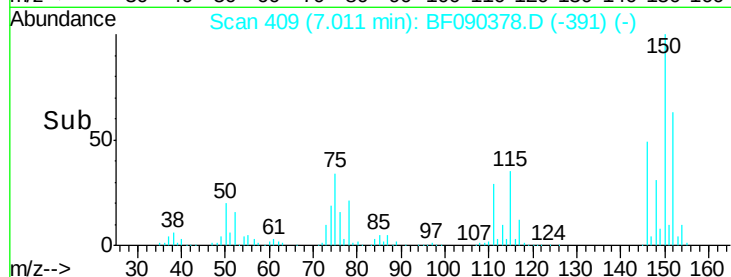
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:152 Resp: 278998
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 55.5 46.2 69.4



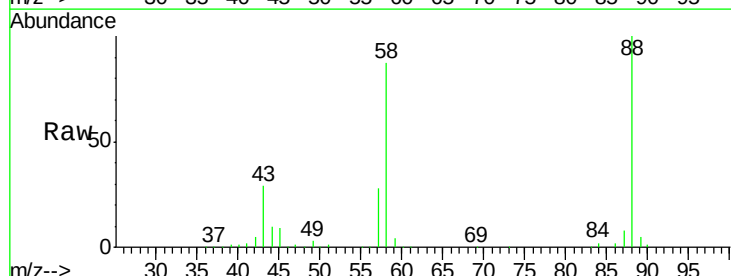
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



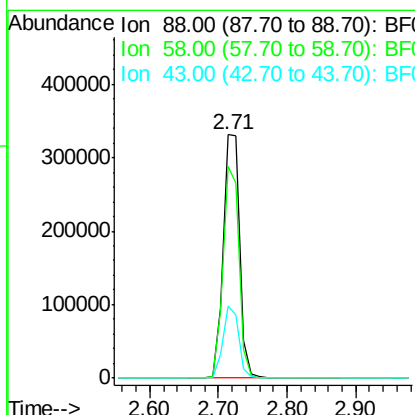
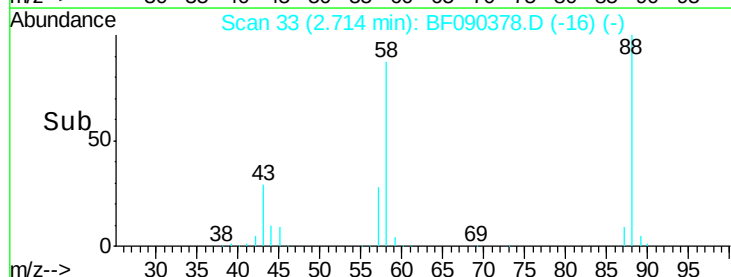
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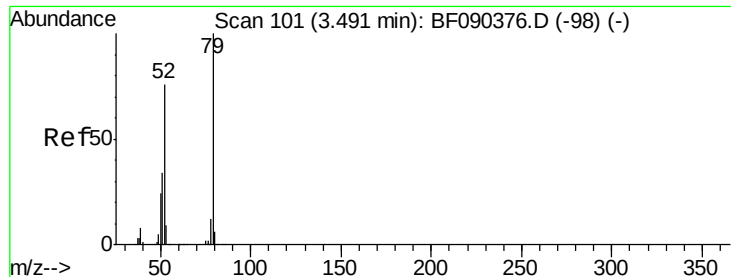
1,4-Dioxane
Concen: 64.64 ng
RT: 2.71 min Scan# 33
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion: 88 Resp: 558085
Ion Ratio Lower Upper
88 100
58 85.3 71.2 106.8
43 28.8 29.8 44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 69.34 ng

RT: 3.49 min Scan# 101

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

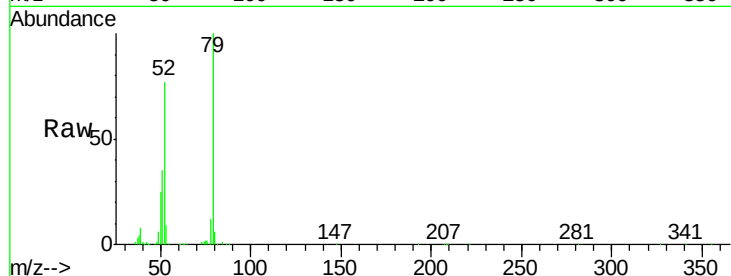
Tgt Ion: 79 Resp: 1587081

Ion Ratio Lower Upper

79 100

52 77.4 71.3 106.9

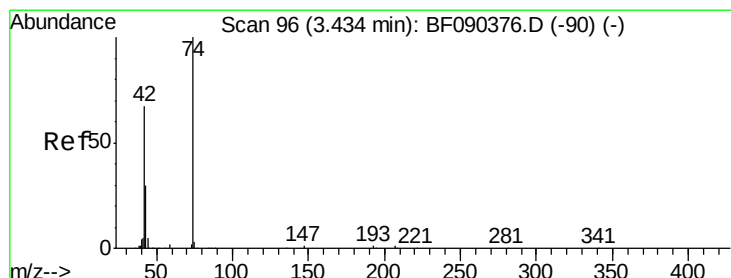
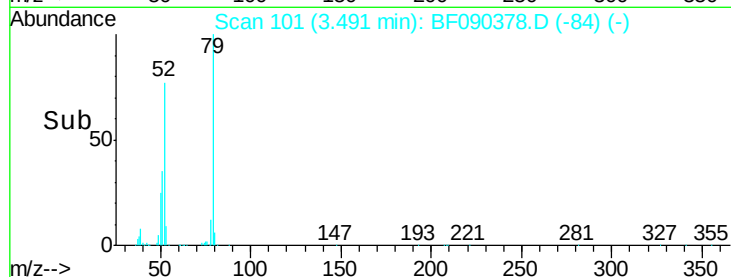
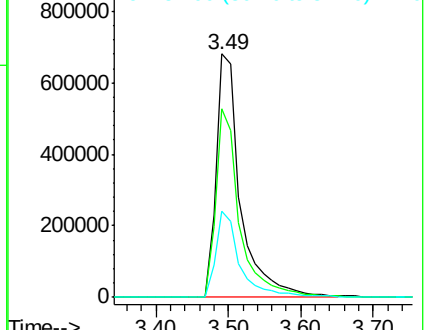
51 35.4 34.5 51.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 76.96 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

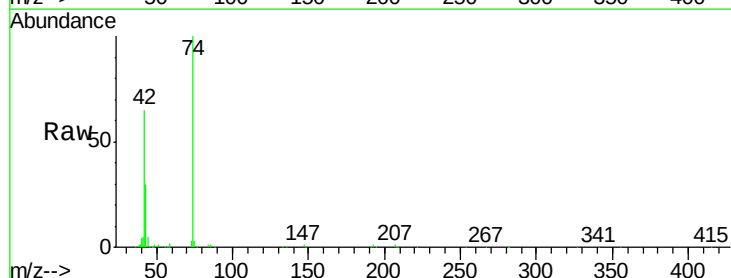
Tgt Ion: 42 Resp: 637997

Ion Ratio Lower Upper

42 100

74 153.4 88.9 133.3#

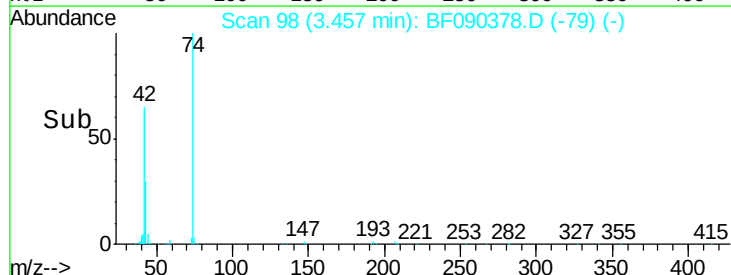
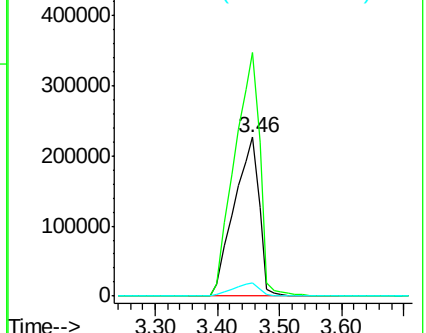
44 8.1 6.5 9.7

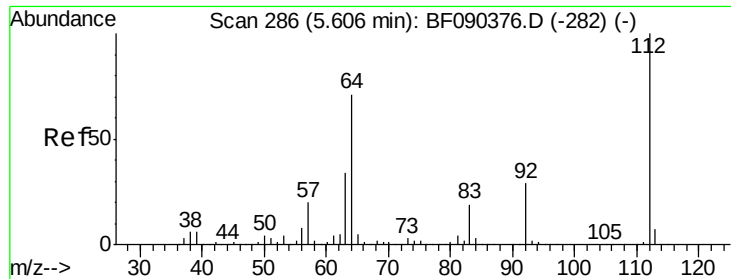


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.88 ng

RT: 5.61 min Scan# 286

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

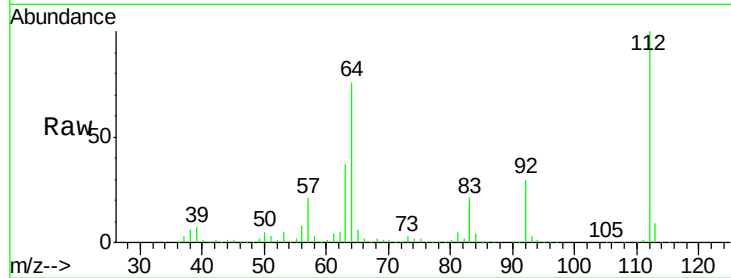
Tgt Ion: 112 Resp: 2173578

Ion Ratio Lower Upper

112 100

64 76.3 57.9 86.9

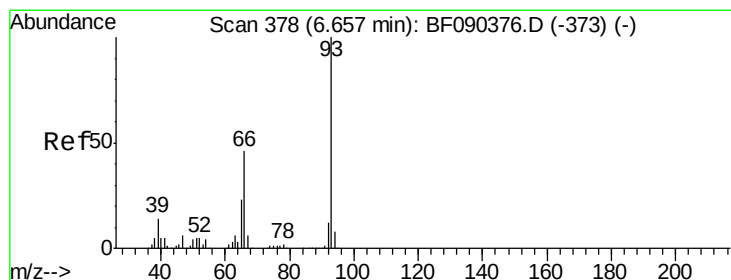
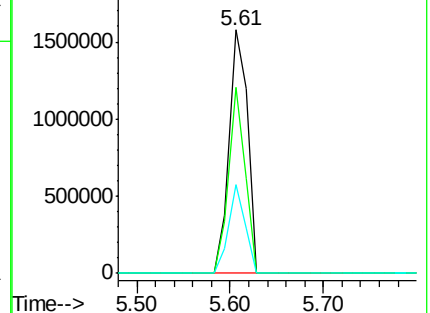
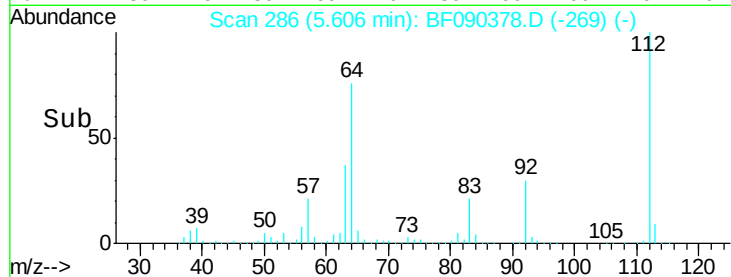
63 36.6 29.6 44.4



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: 66.57 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

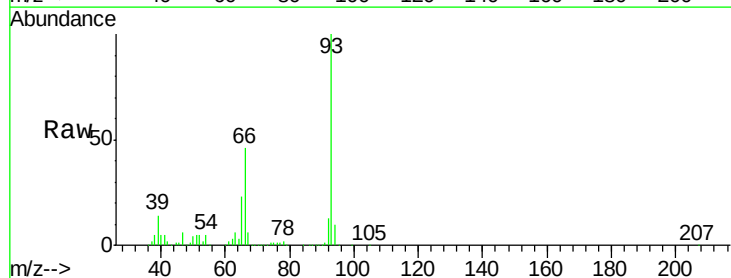
Tgt Ion: 93 Resp: 2022401

Ion Ratio Lower Upper

93 100

66 46.4 34.5 51.7

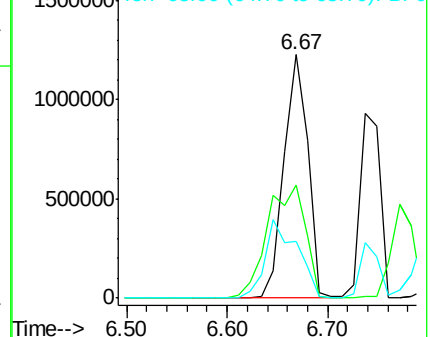
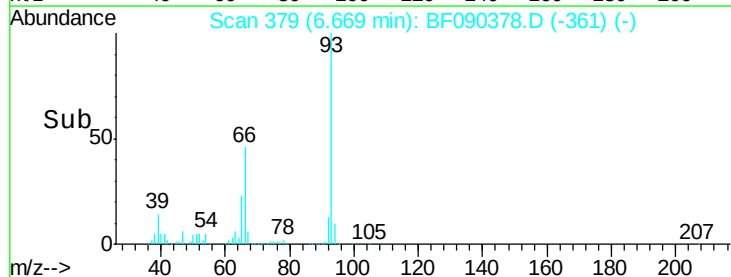
65 23.3 18.2 27.2

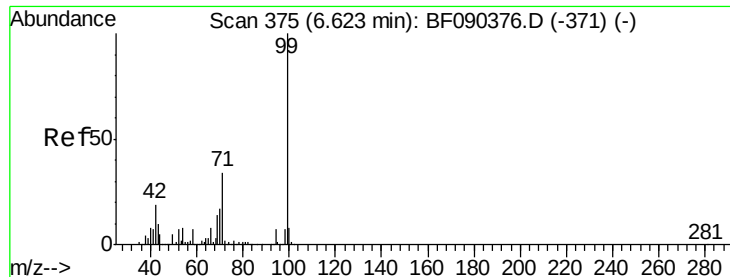


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.13 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

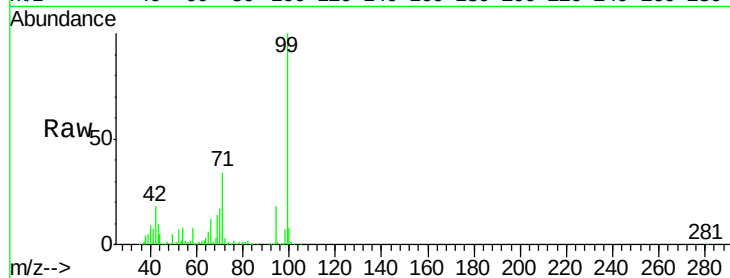
BNA_F

ClientSampleId :

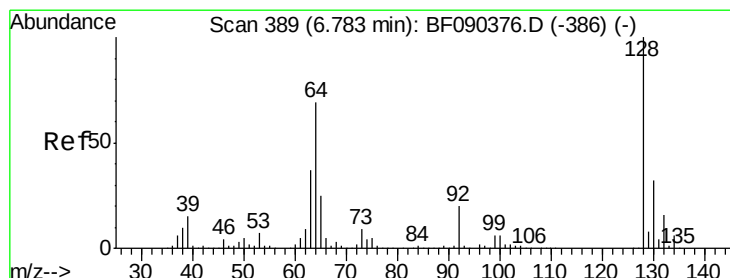
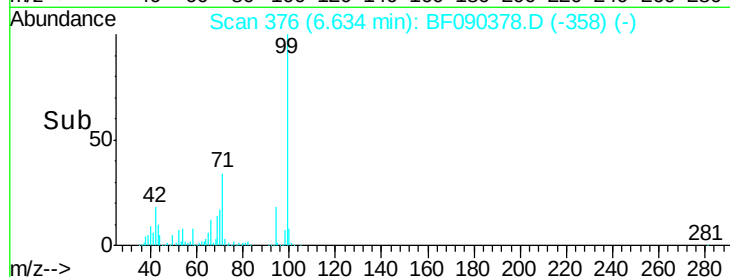
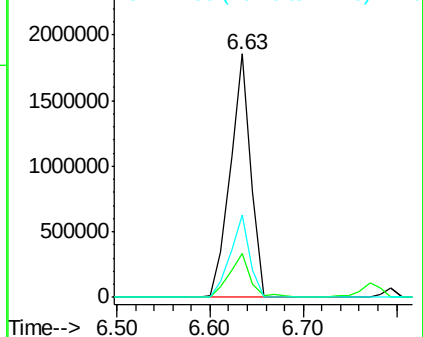
SSTDICC060

Tgt Ion: 99 Resp: 2810935

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.0	30.0#
71	33.8	27.9	41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 62.93 ng

RT: 6.79 min Scan# 390

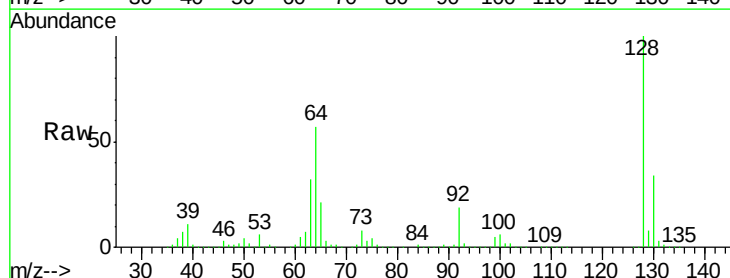
Delta R.T. 0.01 min

Lab File: BF090378.D

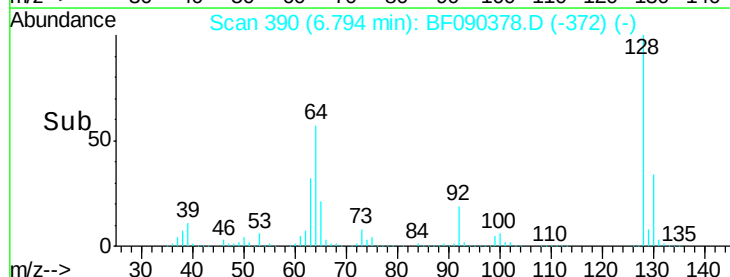
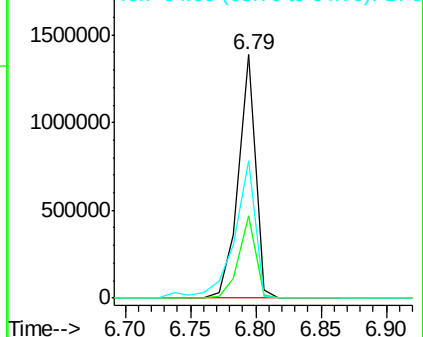
Acq: 5 Oct 2016 13:47

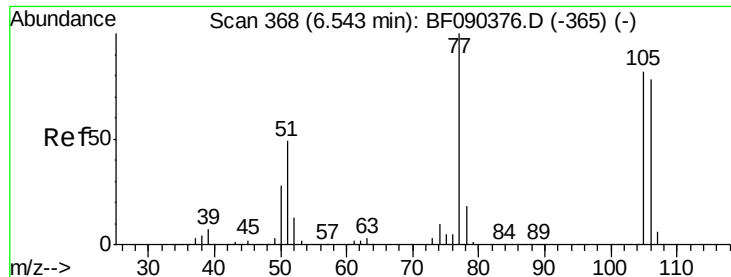
Tgt Ion: 128 Resp: 1250800

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	56.5	36.0	76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 72.03 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.01 min

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Acq: 5 Oct 2016 13:47

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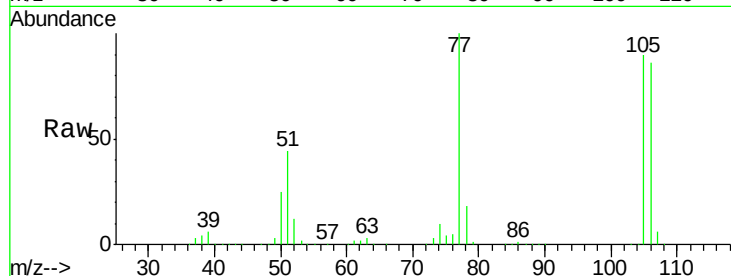
Tgt Ion: 77 Resp: 739299

Ion Ratio Lower Upper

77 100

105 89.7 73.1 113.1

106 85.6 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

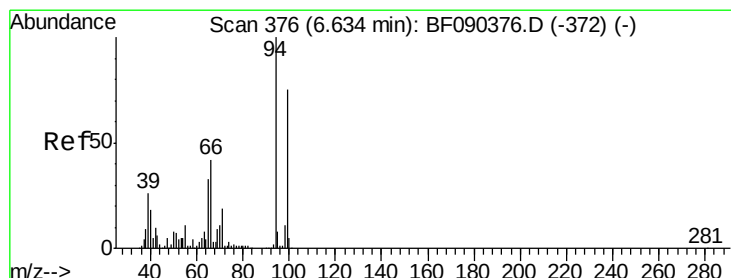
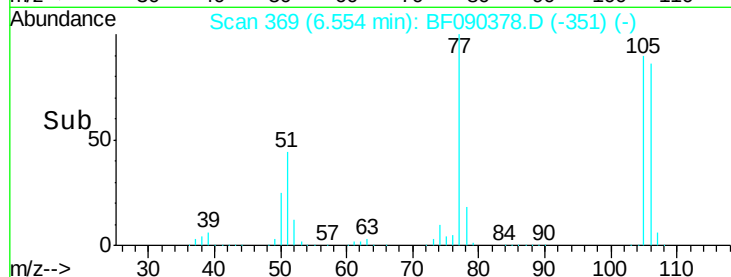
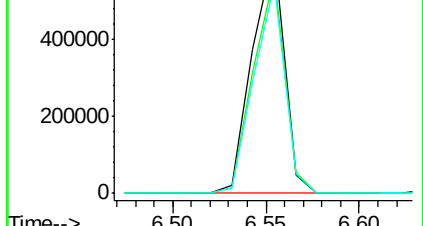
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.55

6.55

6.55



#10

Phenol

Concen: 58.99 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

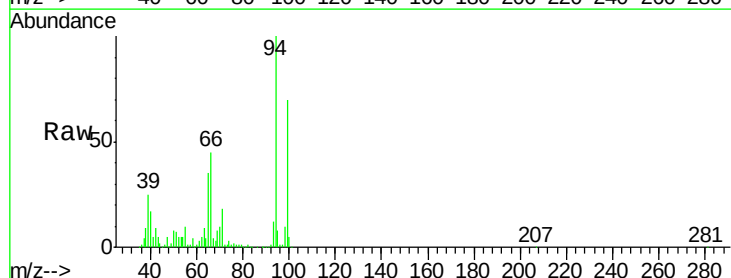
Tgt Ion: 94 Resp: 1586485

Ion Ratio Lower Upper

94 100

65 34.7 13.3 53.3

66 44.9 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF0

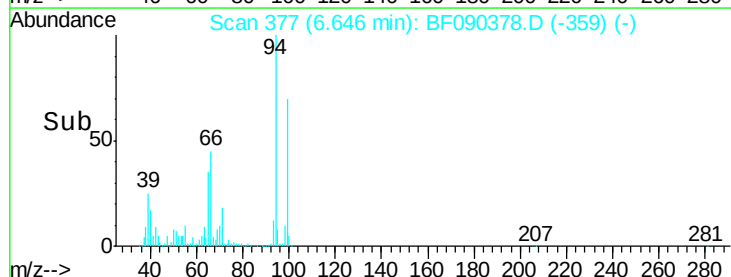
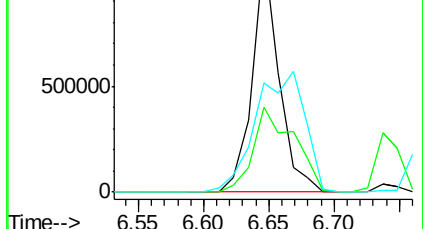
Ion 65.00 (64.70 to 65.70): BF0

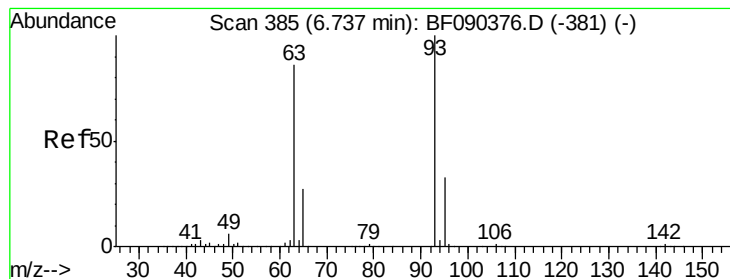
Ion 66.00 (65.70 to 66.70): BF0

6.65

6.65

6.65





#11

bis(2-Chloroethyl)ether

Concen: 66.48 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

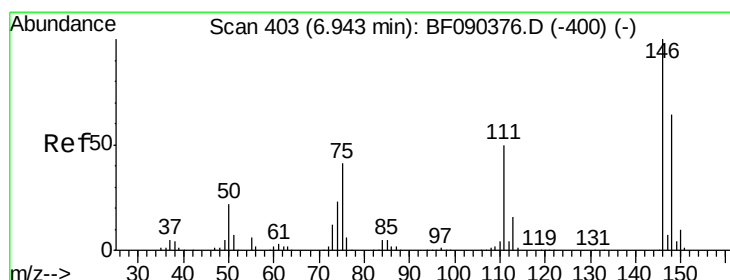
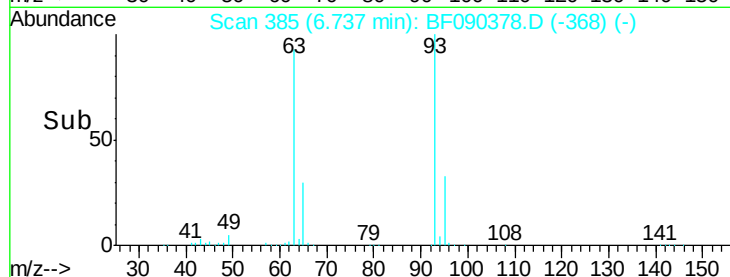
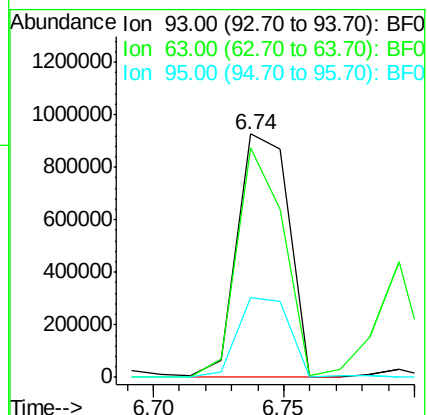
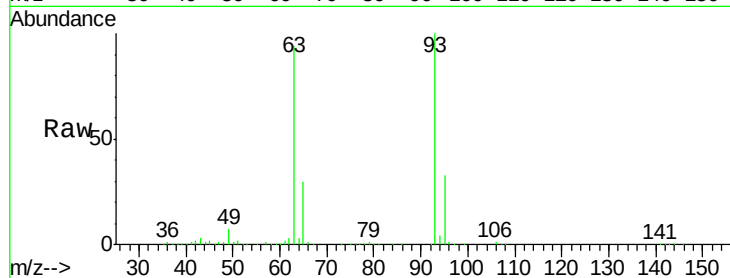
Tgt Ion: 93 Resp: 1269497

Ion Ratio Lower Upper

93 100

63 94.2 59.7 99.7

95 32.9 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 57.61 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

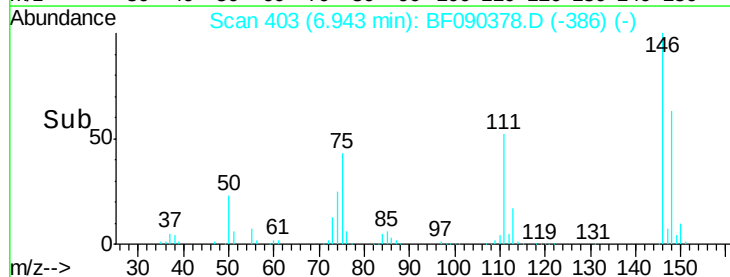
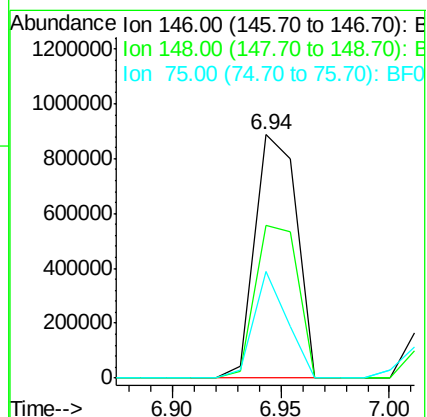
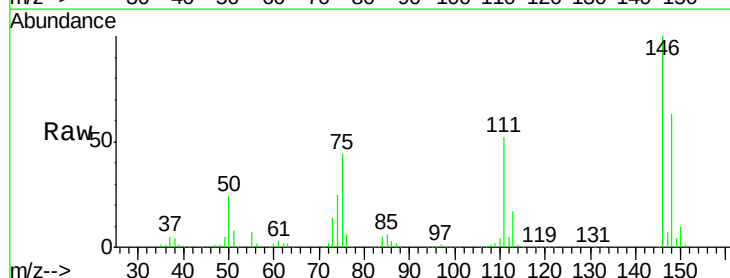
Tgt Ion: 146 Resp: 1189352

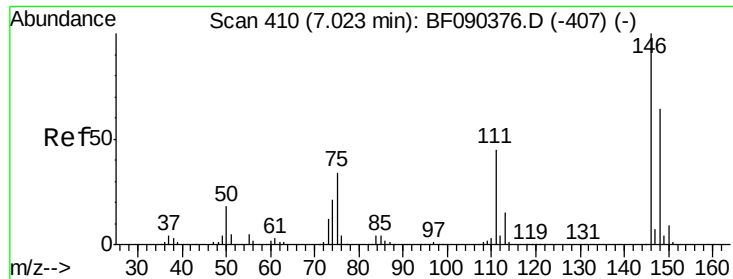
Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.4

75 43.5 21.4 32.2#

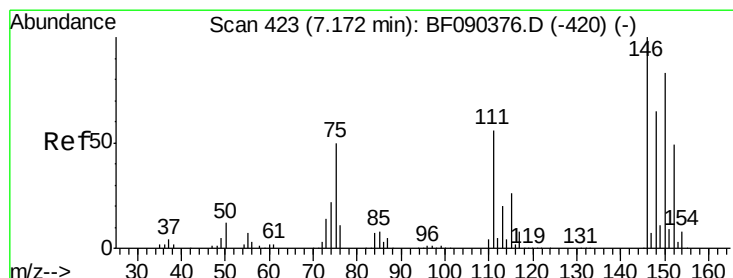
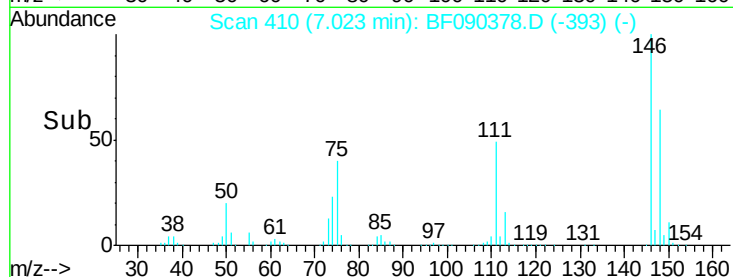
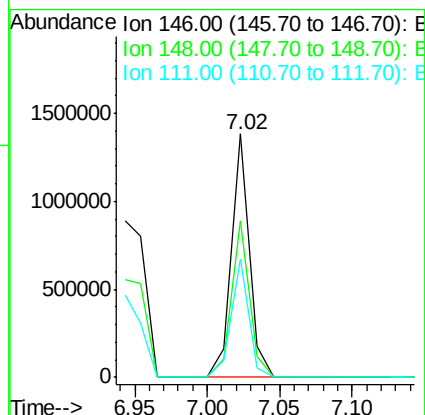
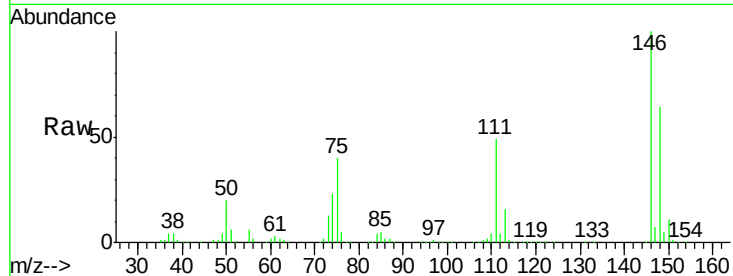




#13
 1,4-Dichlorobenzene
 Concen: 56.37 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

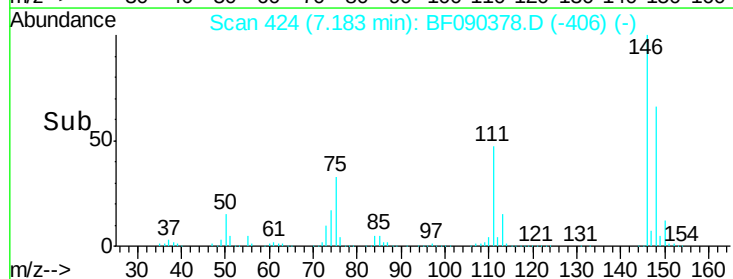
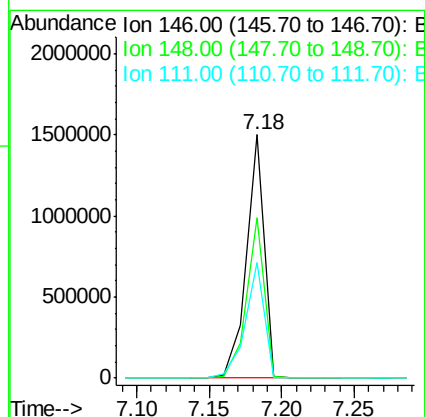
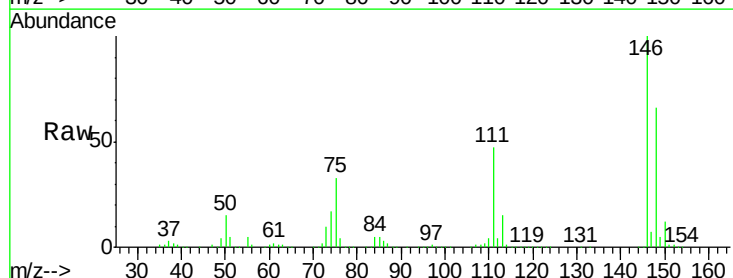
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

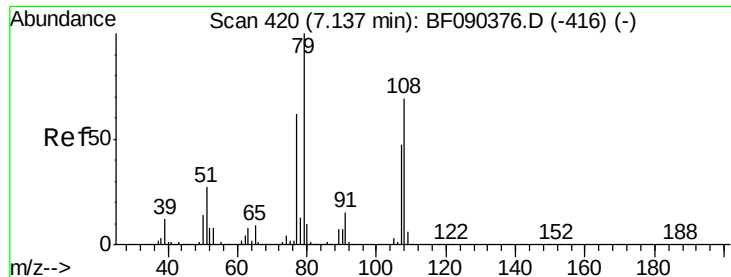
Tgt Ion:146 Resp: 1181677
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 48.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 63.97 ng
 RT: 7.18 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:146 Resp: 1274913
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 111 47.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 70.32 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

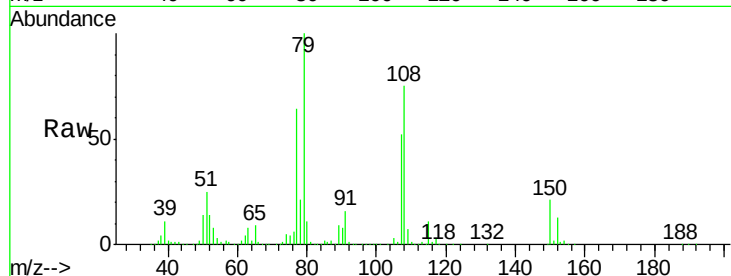
Tgt Ion: 79 Resp: 1096096

Ion Ratio Lower Upper

79 100

108 74.8 60.9 91.3

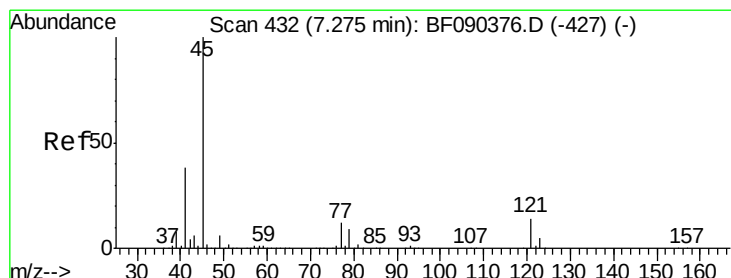
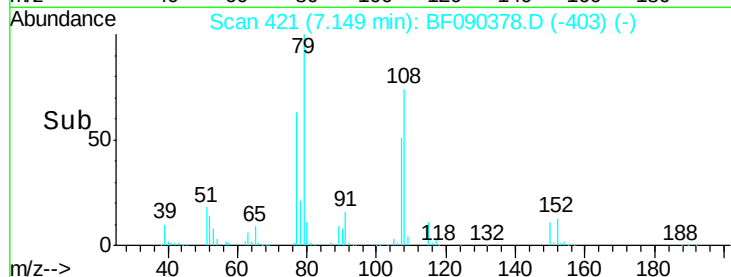
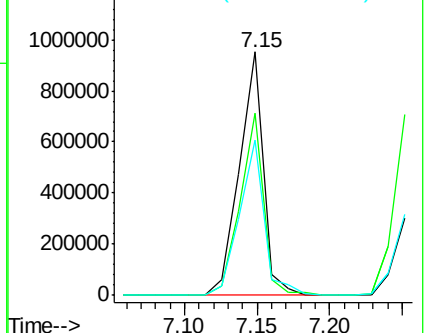
77 63.7 51.5 77.3



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: 69.28 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

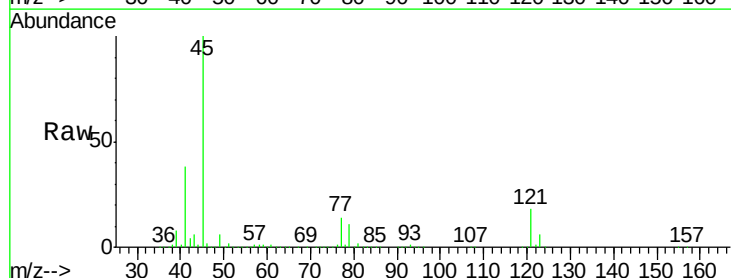
Tgt Ion: 45 Resp: 2022139

Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.8

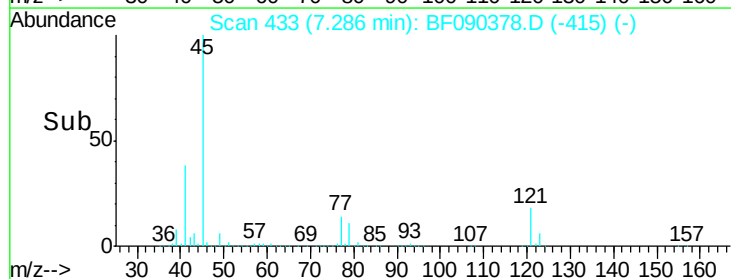
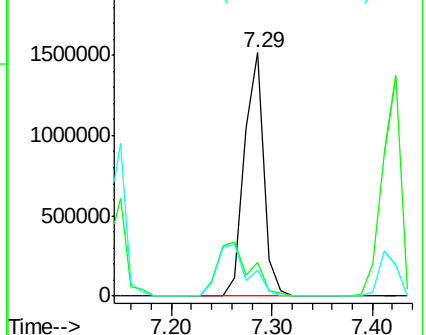
79 10.7 0.0 28.2

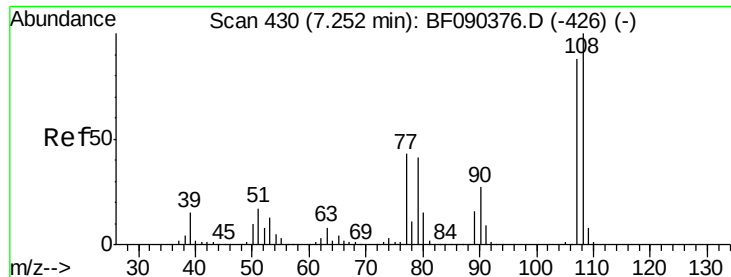


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

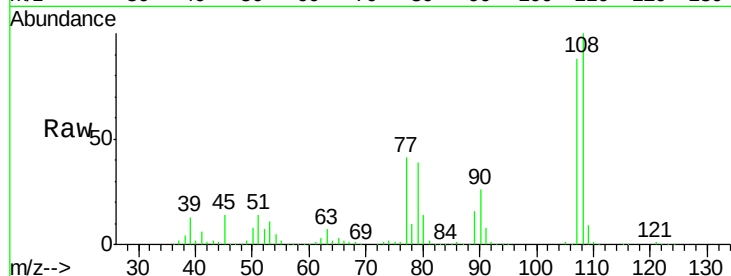




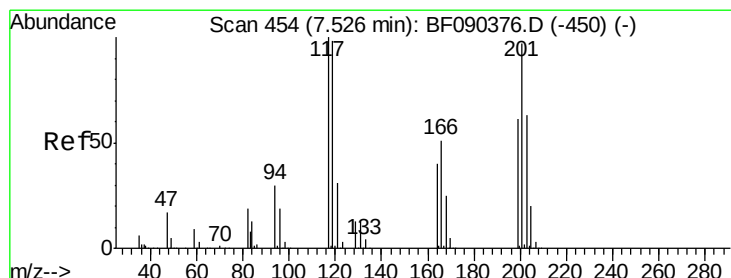
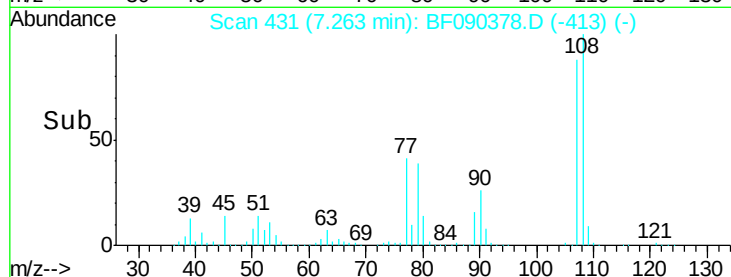
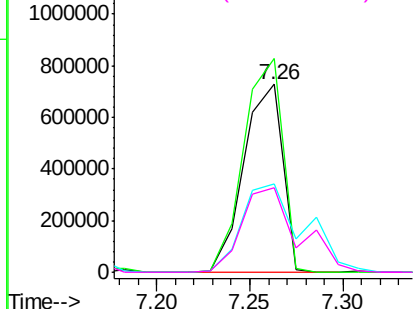
#17
2-Methylphenol
Concen: 68.47 ng
RT: 7.26 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:107 Resp: 1054132
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 47.0 38.2 57.4
79 44.7 37.0 55.4

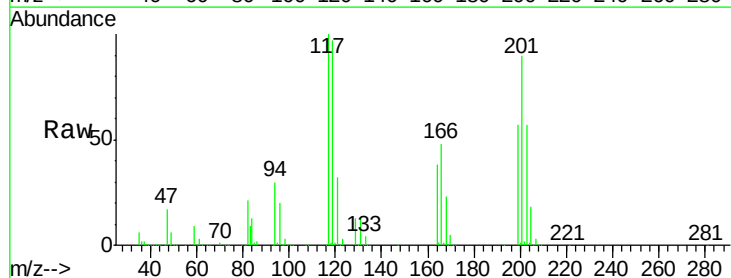


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

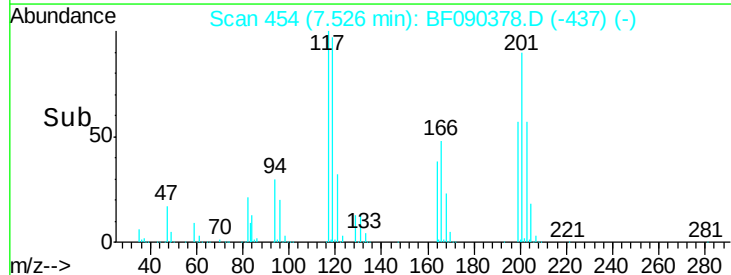
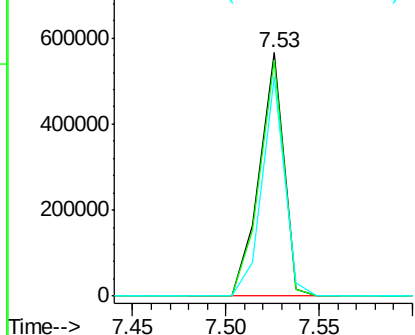


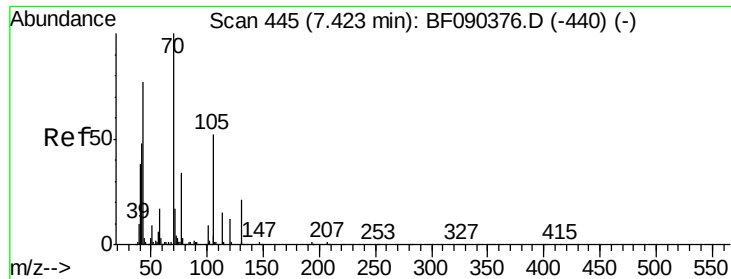
#18
Hexachloroethane
Concen: 67.55 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:117 Resp: 512411
Ion Ratio Lower Upper
117 100
119 97.0 75.9 113.9
201 90.3 66.5 99.7



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

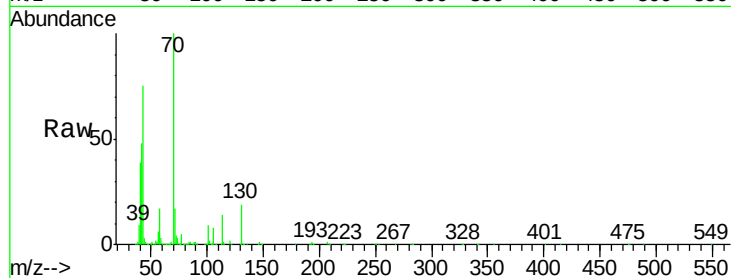




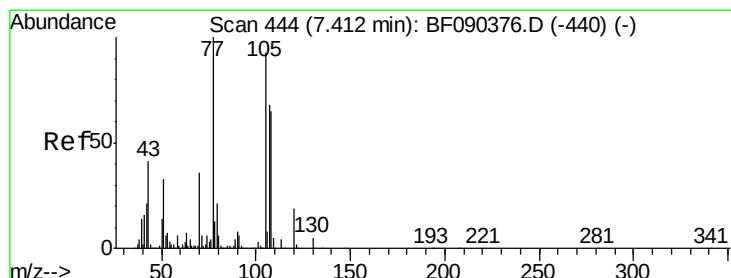
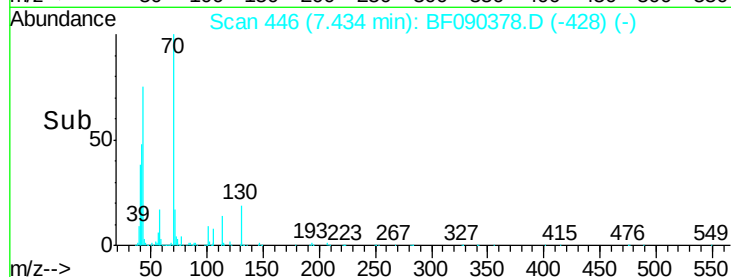
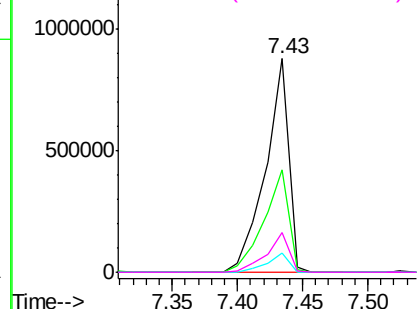
#19
n-Nitroso-di-n-propylamine
Concen: 77.71 ng
RT: 7.43 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1097304
Ion Ratio Lower Upper
70 100
42 48.2 55.4 83.2#
101 8.9 7.6 11.4
130 18.8 16.5 24.7

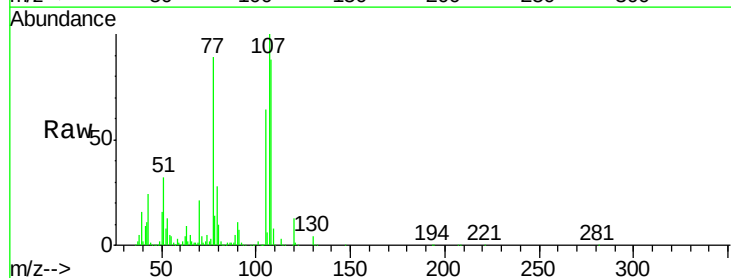


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

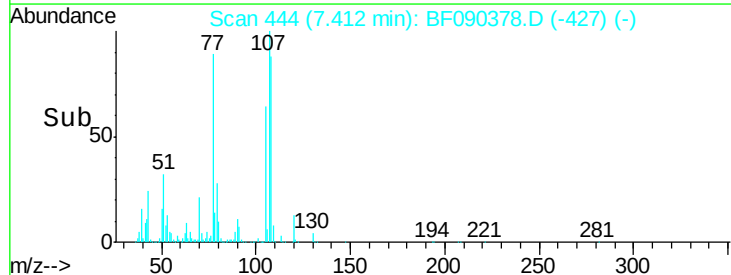
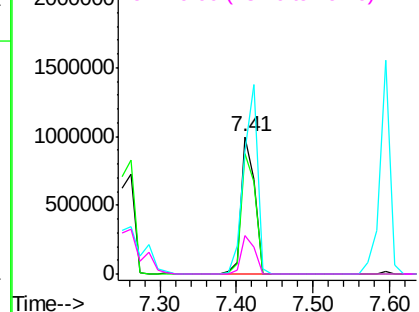


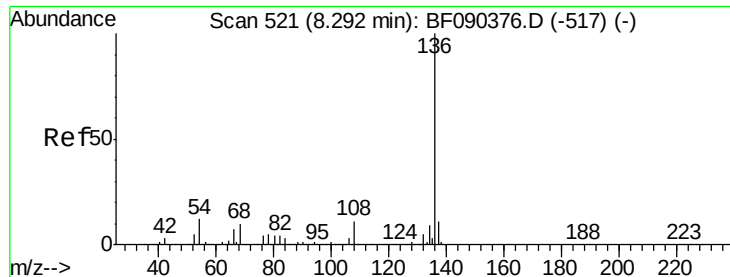
#20
3+4-Methylphenols
Concen: 62.90 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion: 107 Resp: 1231240
Ion Ratio Lower Upper
107 100
108 87.8 66.7 106.7
77 89.3 53.7 93.7
79 28.3 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1177601

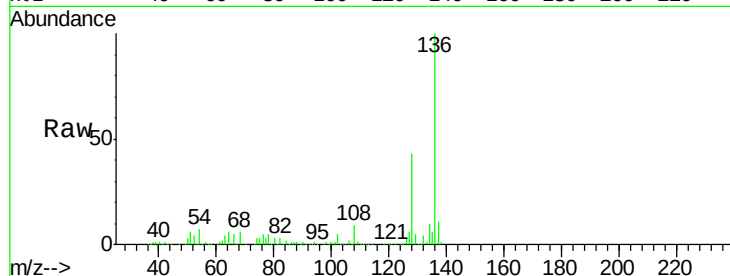
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.0 6.6 10.0

68 6.4 5.0 7.6

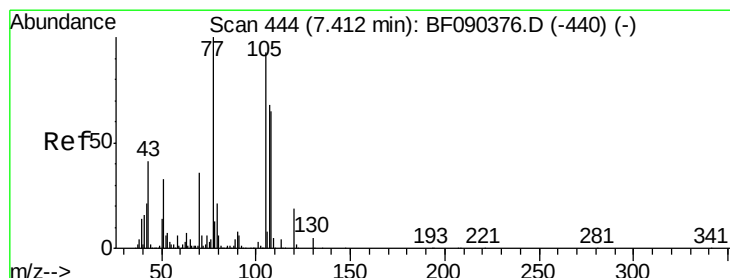
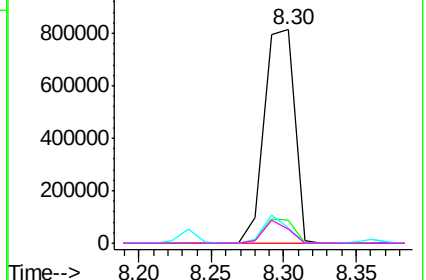
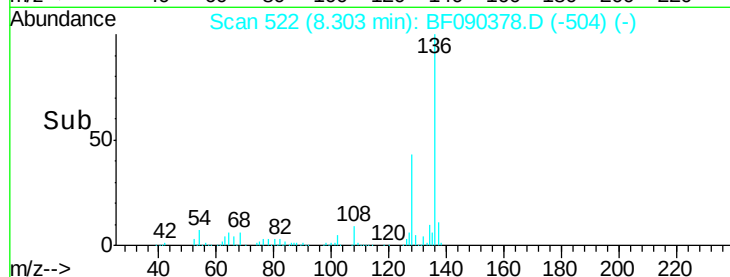


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.19 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion:105 Resp: 1613806

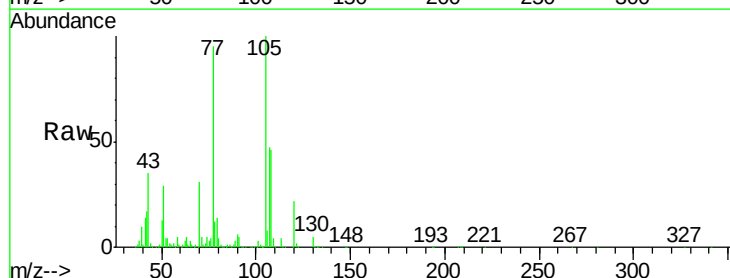
Ion Ratio Lower Upper

105 100

71 5.5 3.8 5.6

51 29.3 28.2 42.4

120 22.0 17.4 26.2

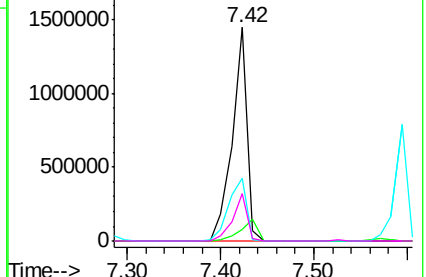
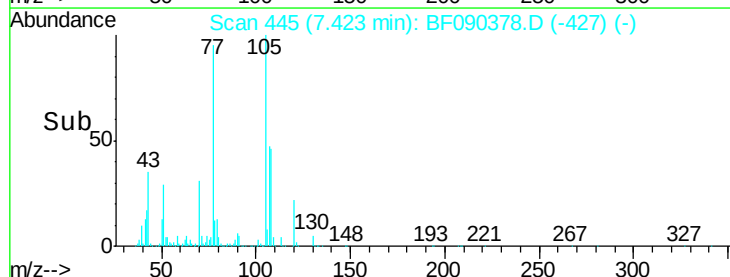


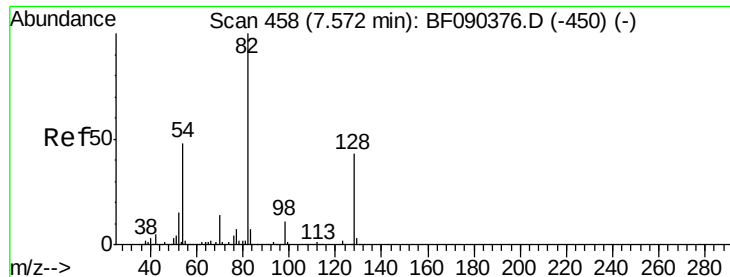
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 142.78 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

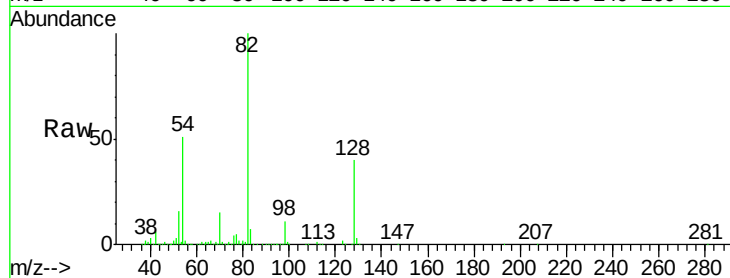
Tgt Ion: 82 Resp: 2884457

Ion Ratio Lower Upper

82 100

128 39.9 40.0 60.0#

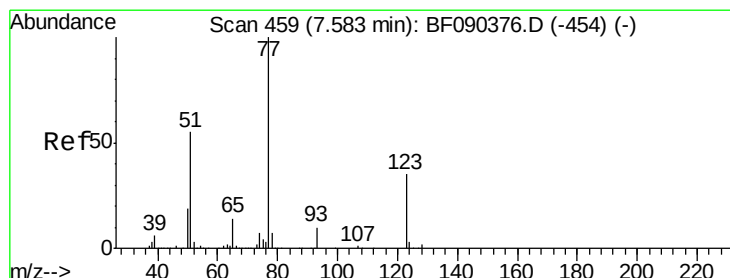
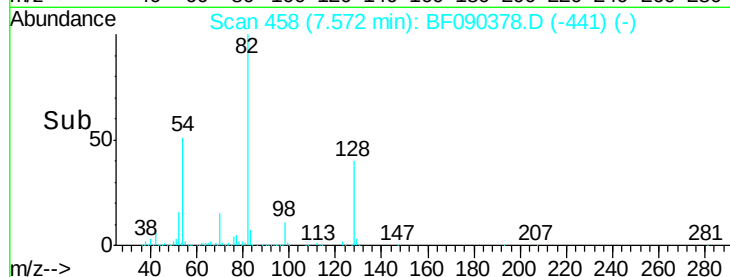
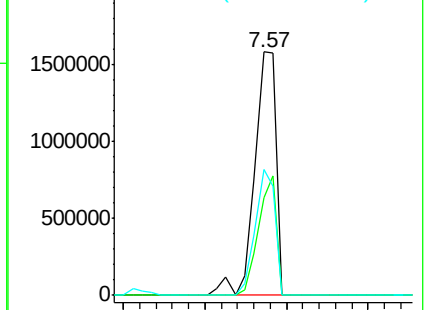
54 51.5 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 64.45 ng

RT: 7.59 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

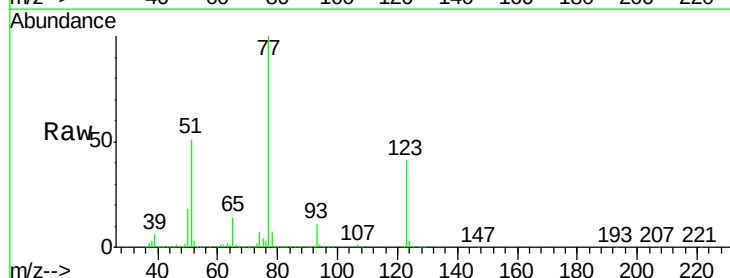
Tgt Ion: 77 Resp: 1390248

Ion Ratio Lower Upper

77 100

123 40.6 33.0 49.4

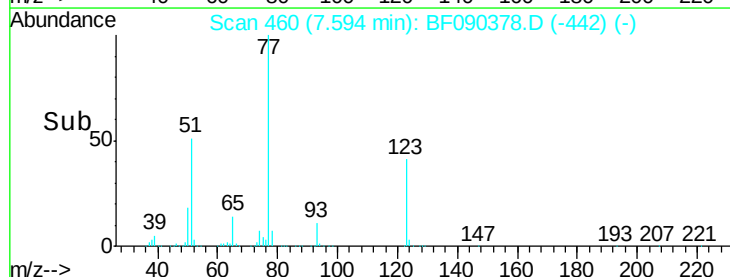
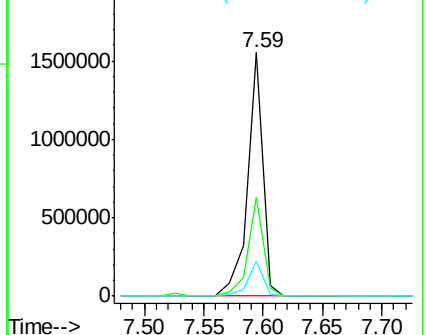
65 14.5 12.0 18.0

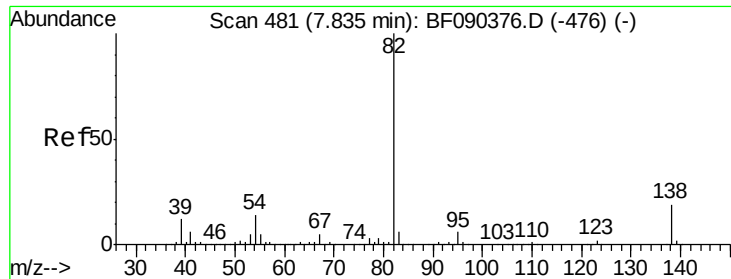


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 68.09 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

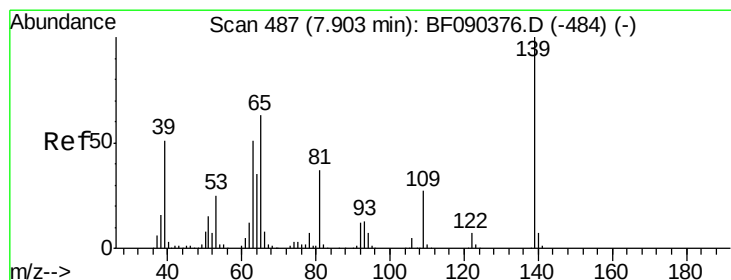
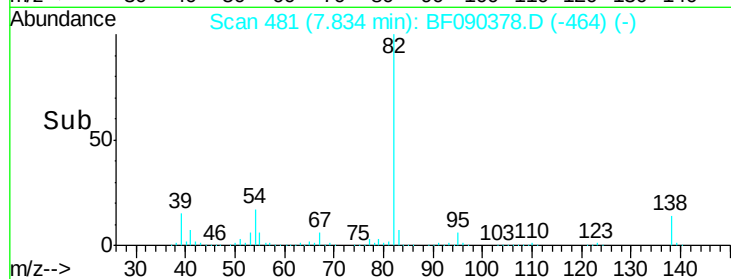
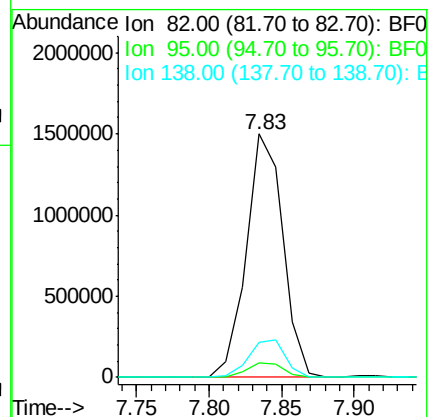
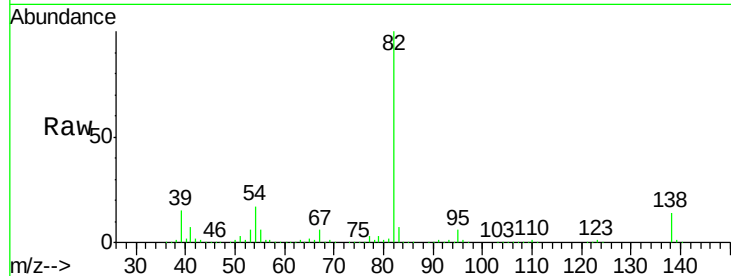
Tgt Ion: 82 Resp: 2616999

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 14.3 13.0 19.4



#26

2-Nitrophenol

Concen: 80.44 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

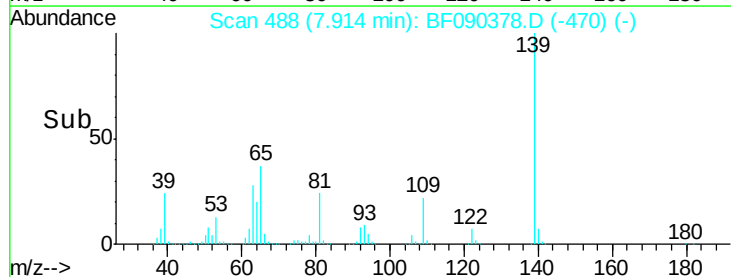
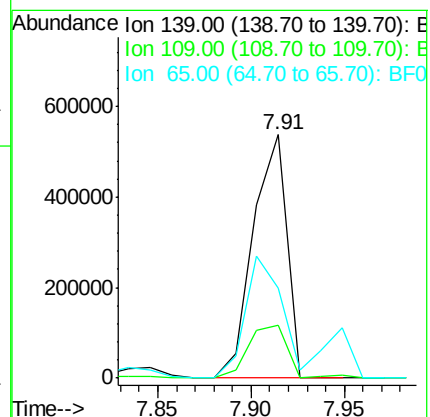
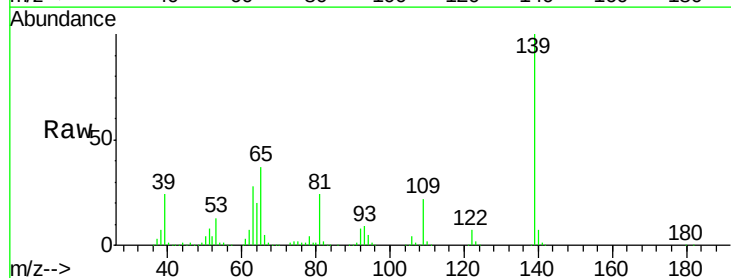
Tgt Ion: 139 Resp: 669552

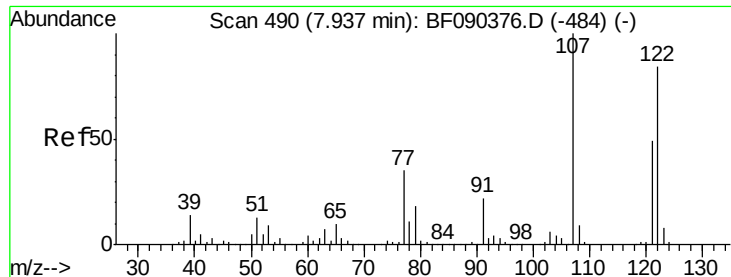
Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

65 36.7 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 65.94 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

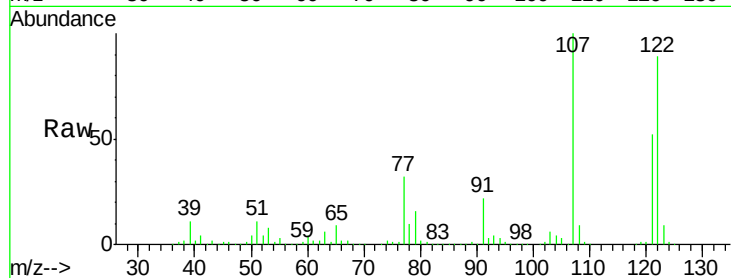
Tgt Ion:122 Resp: 1238213

Ion Ratio Lower Upper

122 100

107 111.8 88.6 132.8

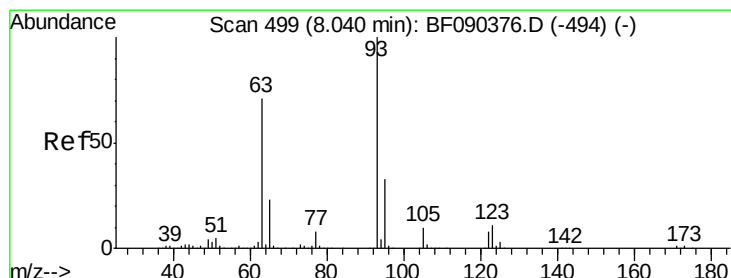
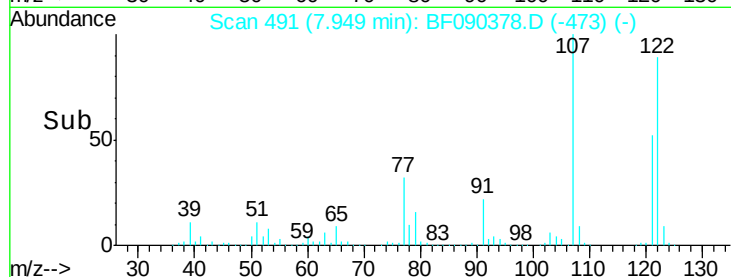
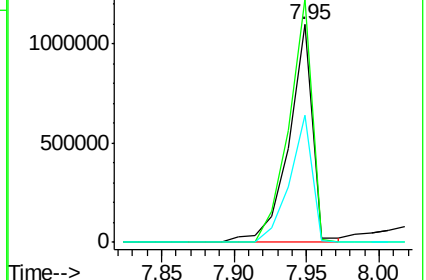
121 58.6 47.5 71.3



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: 60.02 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

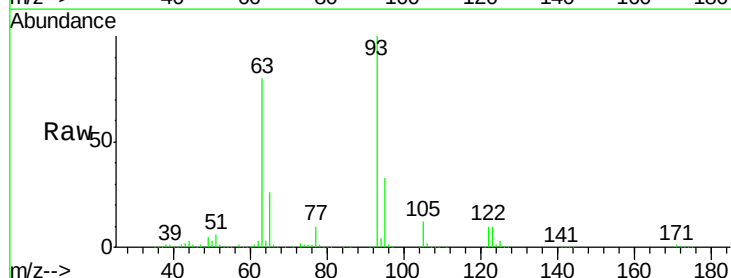
Tgt Ion: 93 Resp: 1432427

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

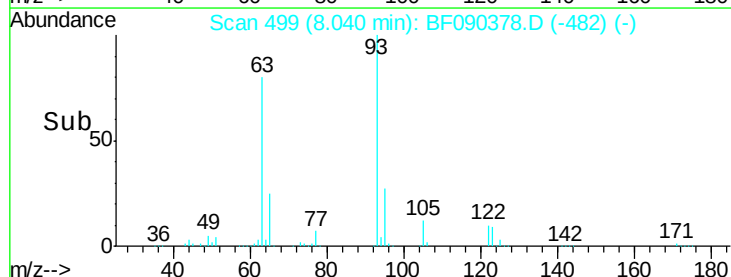
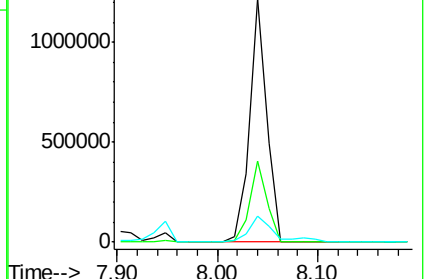
123 10.5 11.1 16.7#

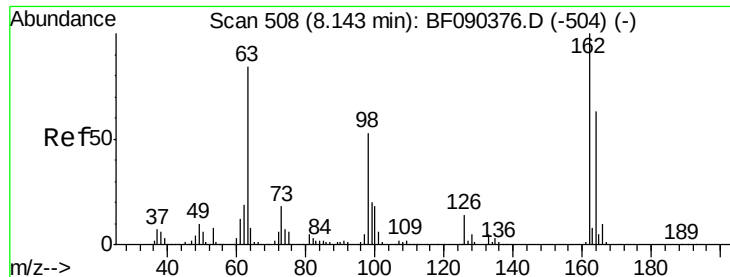


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

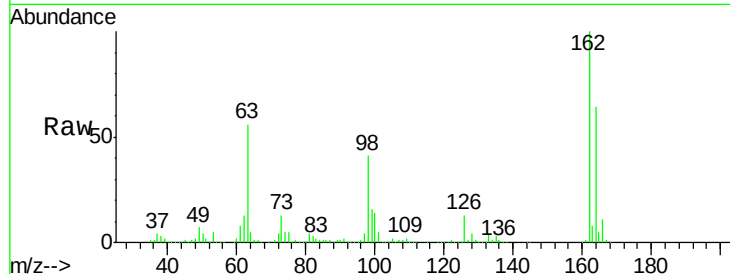




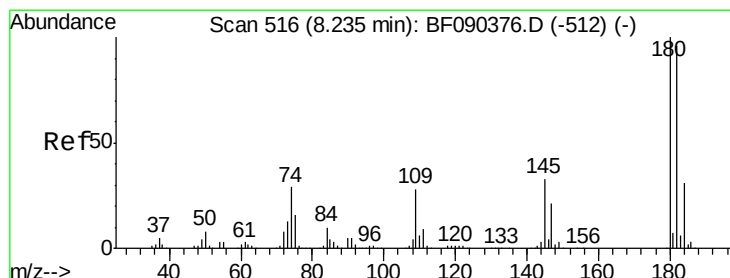
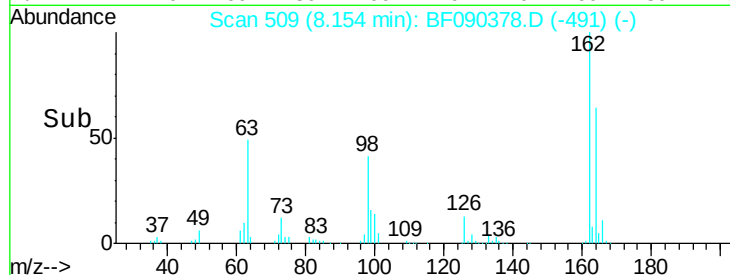
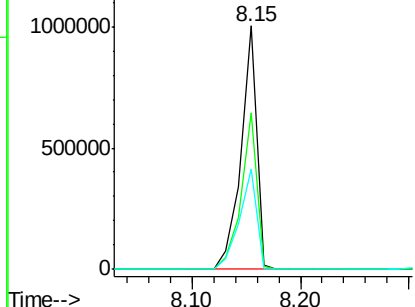
#29
 2,4-Dichlorophenol
 Concen: 64.01 ng
 RT: 8.15 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:162 Resp: 983976
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.7 85.7
 98 41.1 13.3 53.3

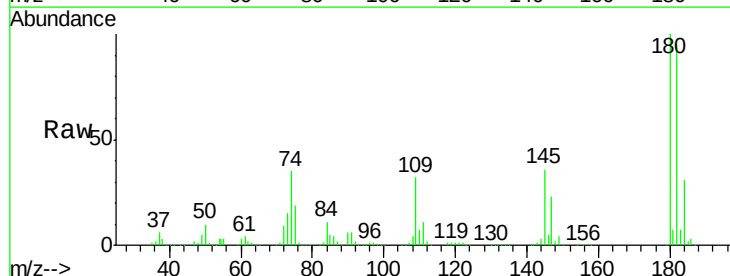


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

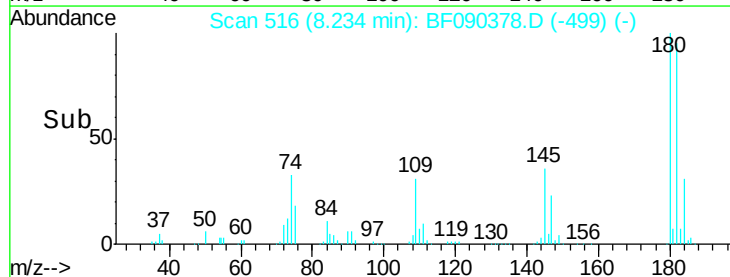
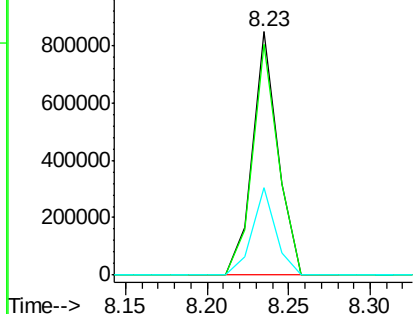


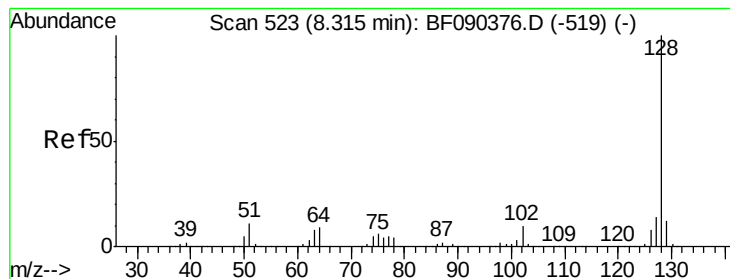
#30
 1,2,4-Trichlorobenzene
 Concen: 53.12 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:180 Resp: 914664
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.3 112.9
 145 35.9 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: 57.69 ng

RT: 8.33 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

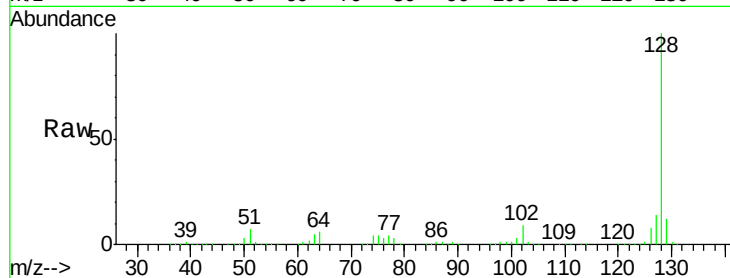
Tgt Ion:128 Resp: 3247363

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

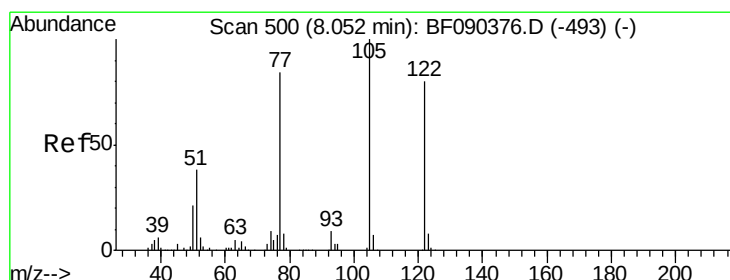
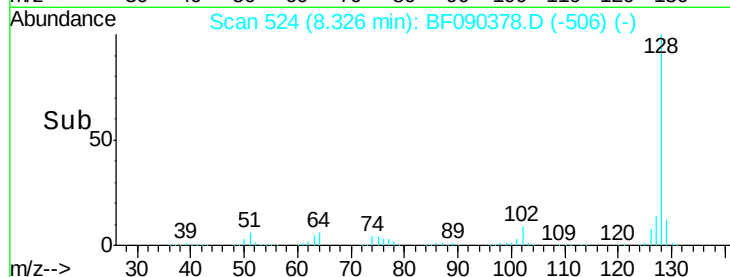
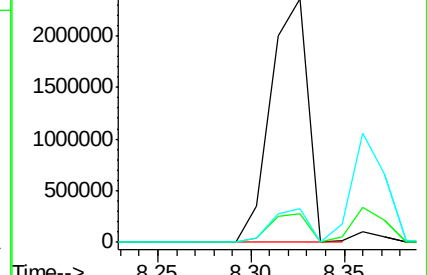
127 14.1 11.7 17.5



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: 88.49 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

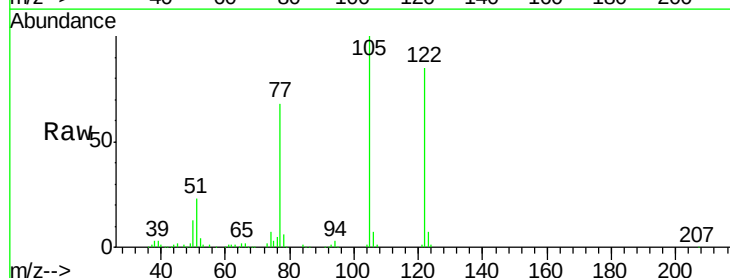
Tgt Ion:122 Resp: 977211

Ion Ratio Lower Upper

122 100

105 117.2 103.9 143.9

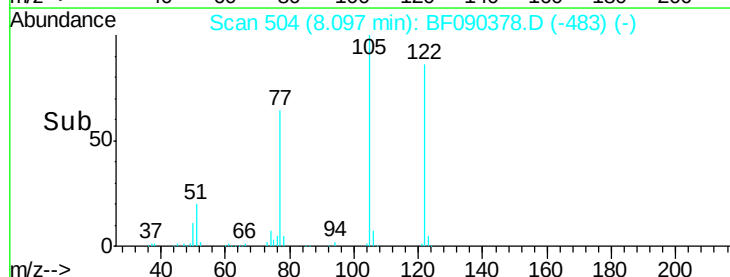
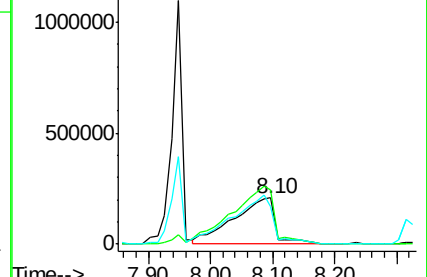
77 79.8 74.6 114.6

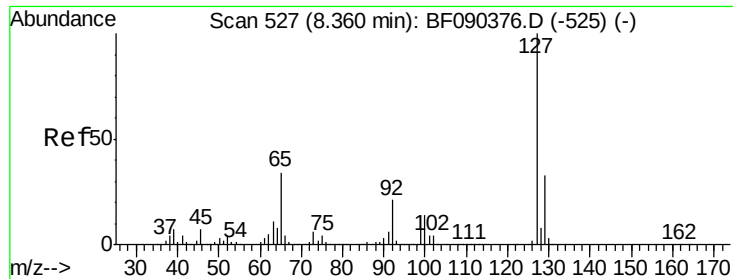


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

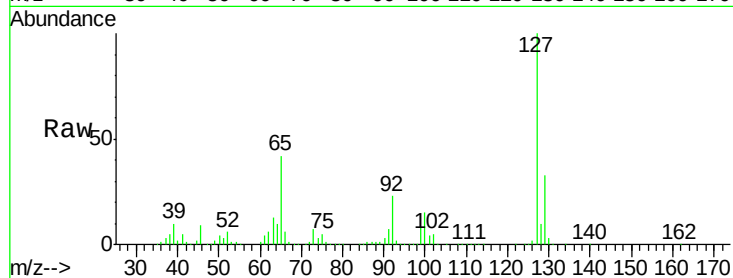




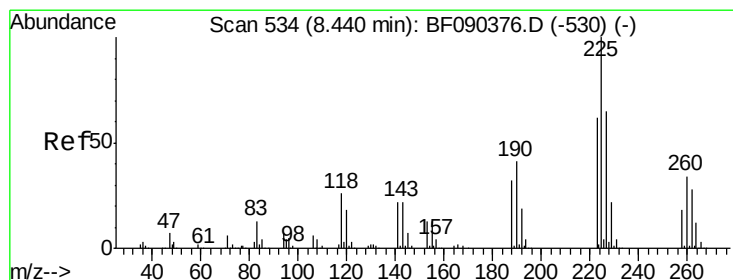
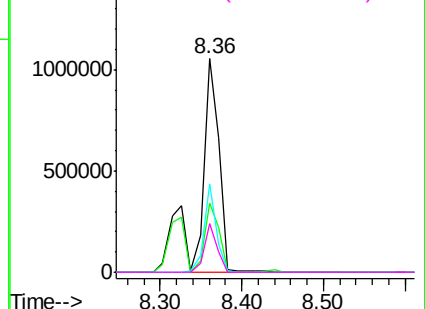
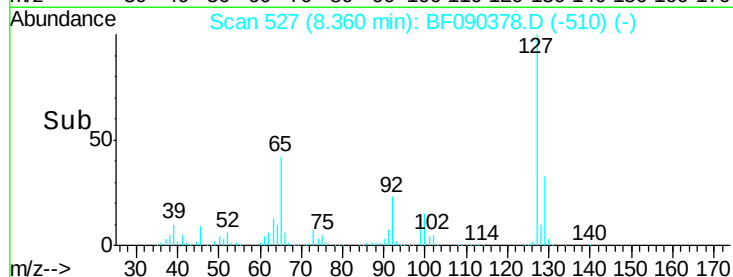
#33
4-Chloroaniline
Concen: 59.41 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1335822
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 41.7 32.5 48.7
92 23.1 17.2 25.8

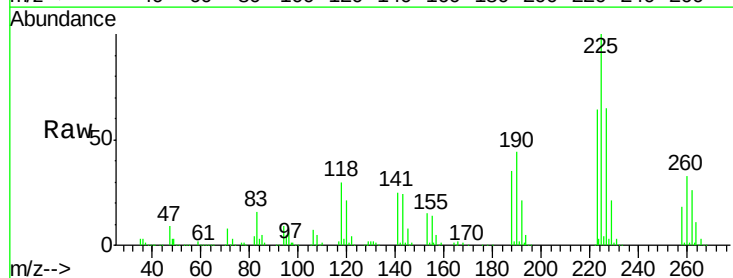


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

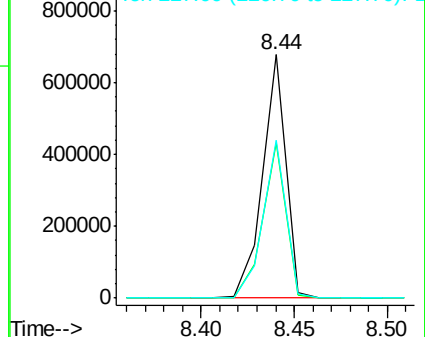
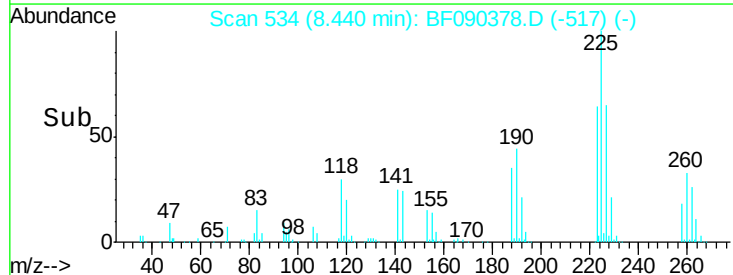


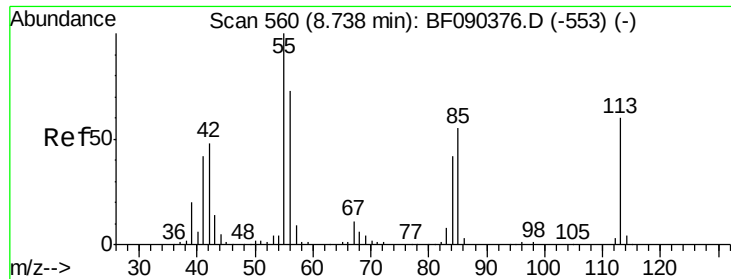
#34
Hexachlorobutadiene
Concen: 57.38 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:225 Resp: 581525
Ion Ratio Lower Upper
225 100
223 64.0 51.0 76.4
227 65.1 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

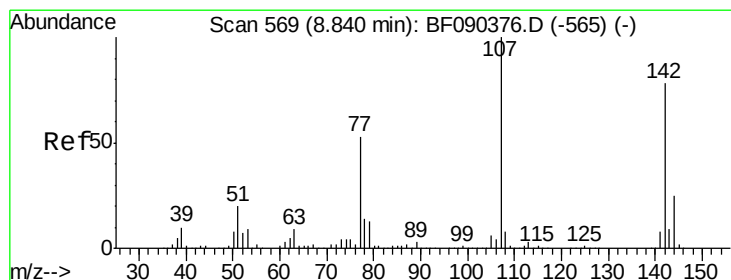
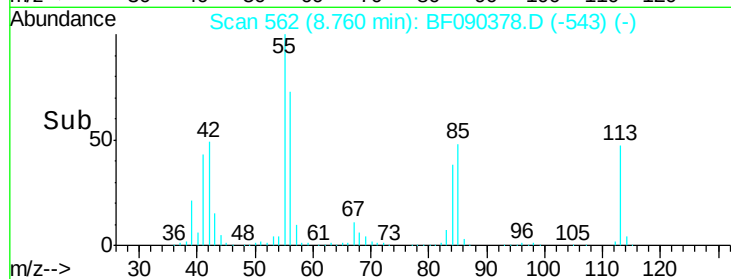
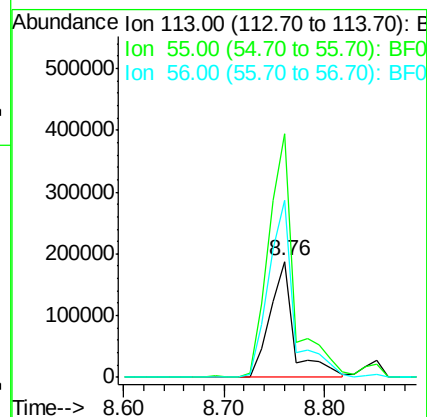
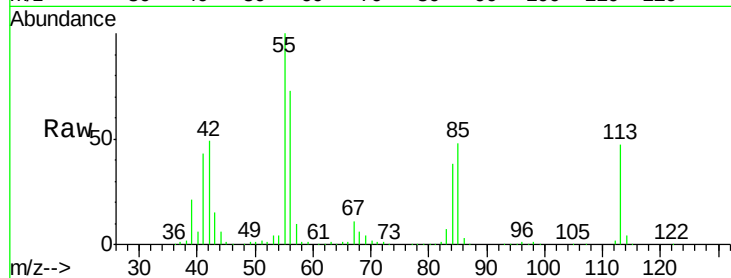




#35
 Caprolactam
 Concen: 77.71 ng
 RT: 8.76 min Scan# 562
 Delta R.T. 0.02 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

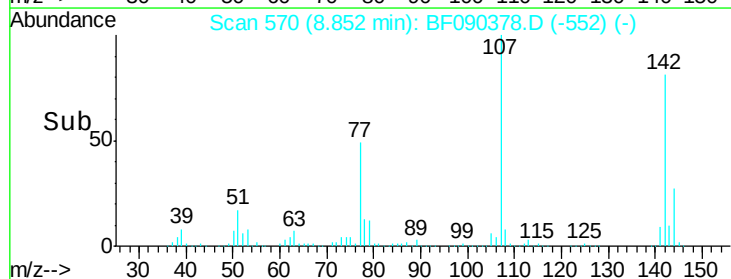
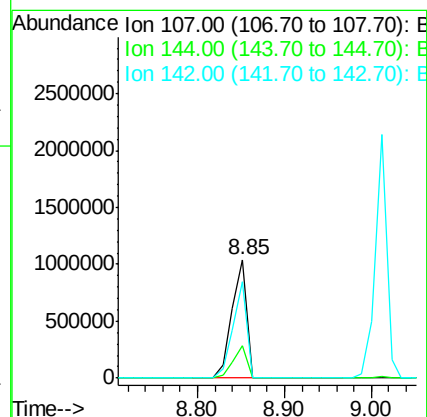
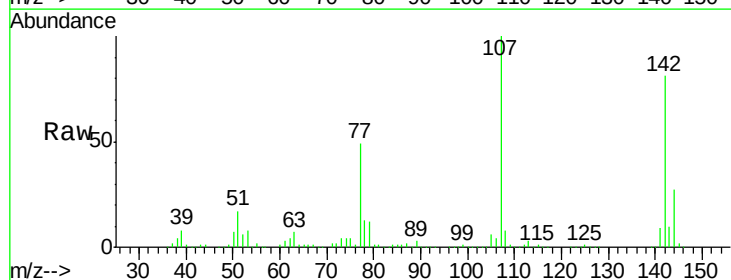
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

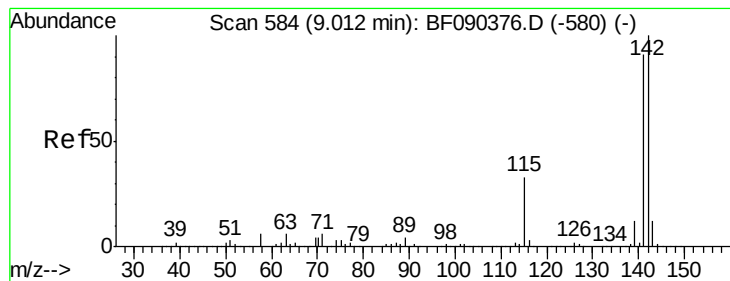
Tgt Ion:113 Resp: 312453
 Ion Ratio Lower Upper
 113 100
 55 210.5 203.3 243.3
 56 153.6 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 74.57 ng
 RT: 8.85 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:107 Resp: 1231141
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.8 29.8
 142 81.3 60.7 91.1





#37

2-Methylnaphthalene

Concen: 55.04 ng

RT: 9.01 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

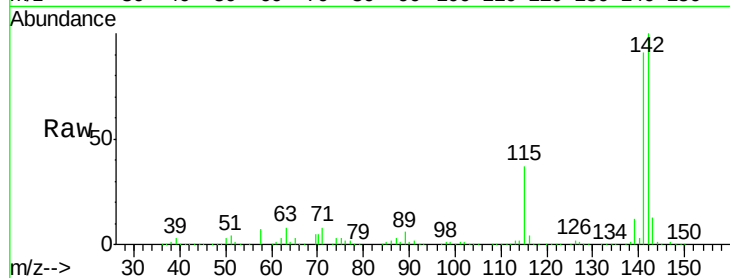
Tgt Ion:142 Resp: 1944133

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.8

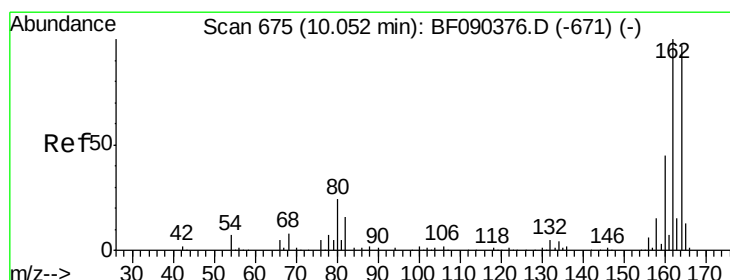
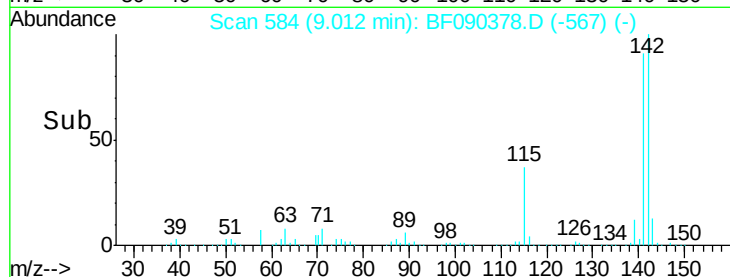
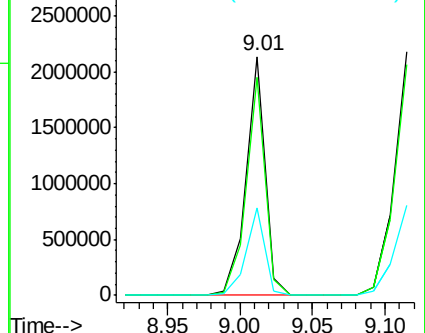
115 36.7 28.8 43.2



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: 10.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

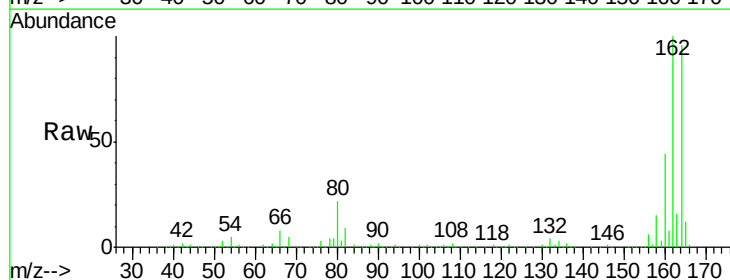
Tgt Ion:164 Resp: 599973

Ion Ratio Lower Upper

164 100

162 104.7 80.1 120.1

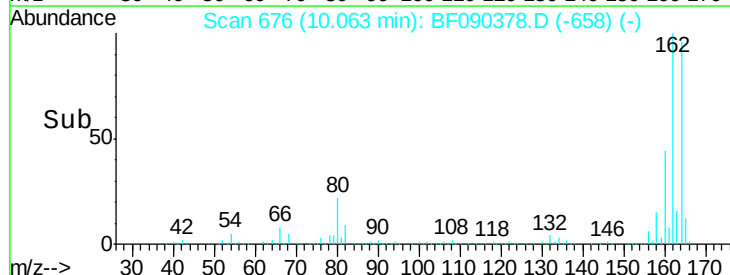
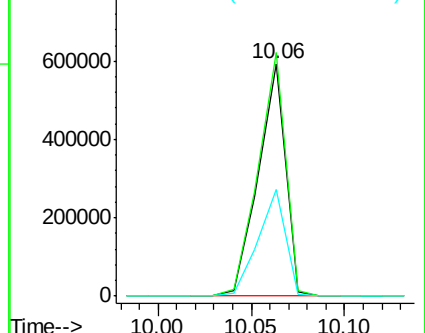
160 45.9 36.3 54.5

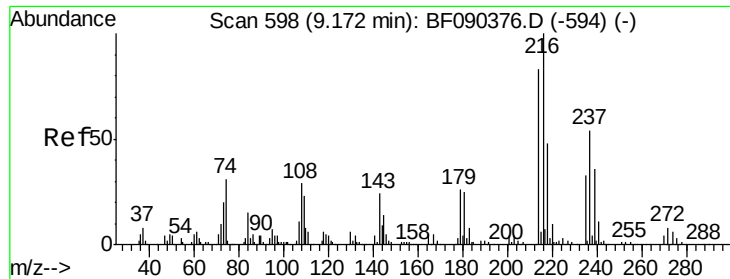


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

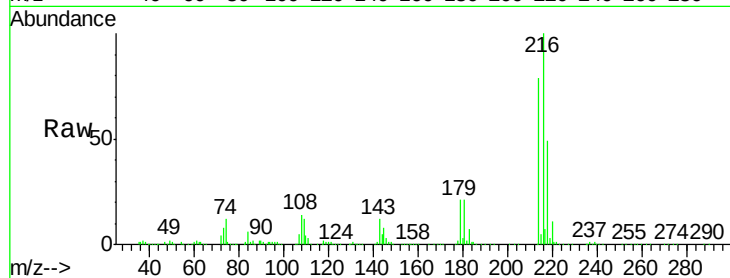




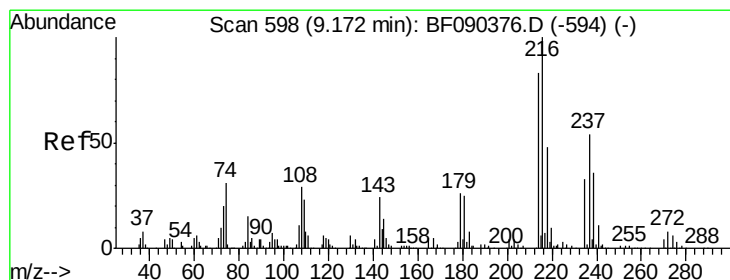
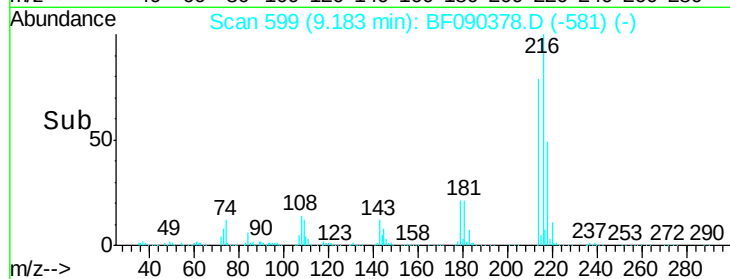
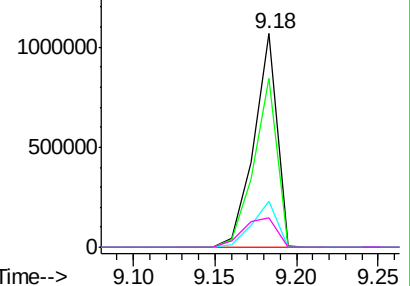
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.55 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:	216	Resp:	1059252
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.2	96.2
179	22.6	18.0	27.0
108	19.9	15.2	22.8

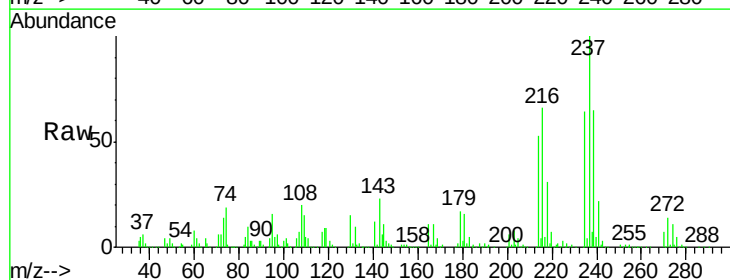


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

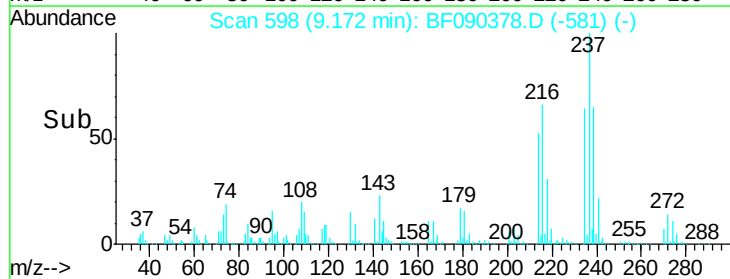
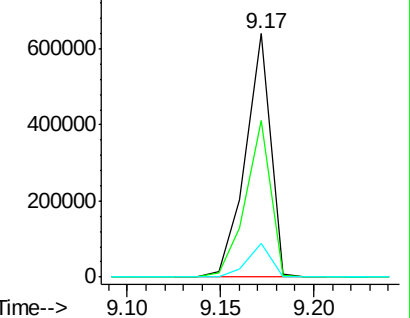


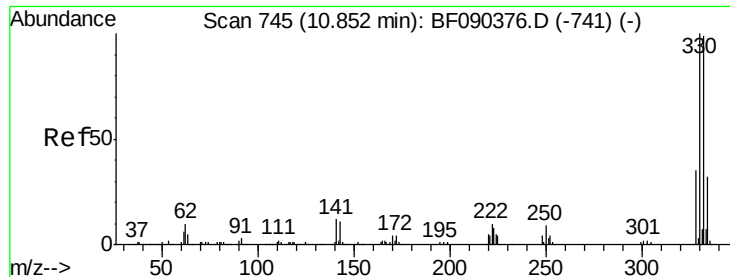
#40
 Hexachlorocyclopentadiene
 Concen: 60.19 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:	237	Resp:	596124
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.6	83.6
272	13.8	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

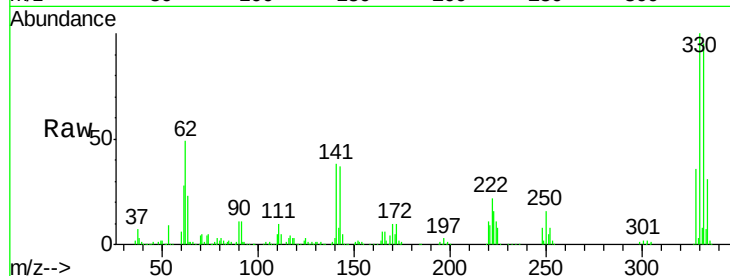




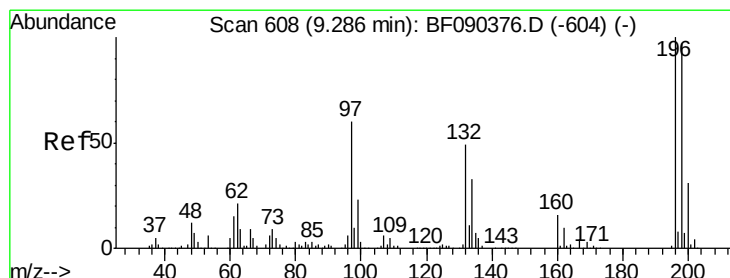
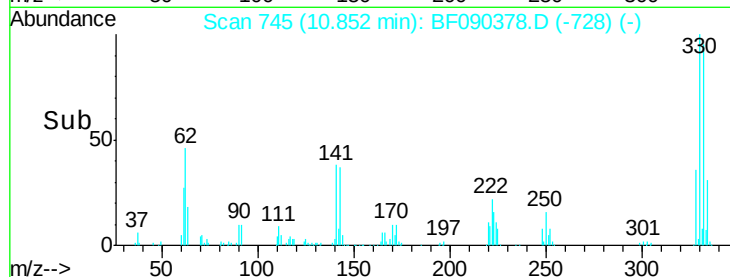
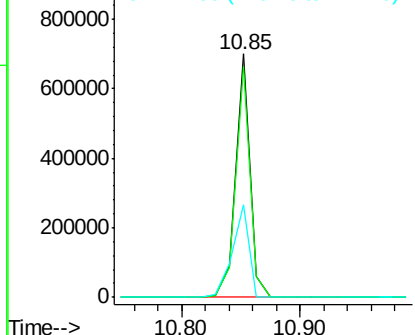
#41
 2,4,6-Tribromophenol
 Concen: 113.05 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:330 Resp: 589108
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.0
 141 43.4 26.9 40.3#

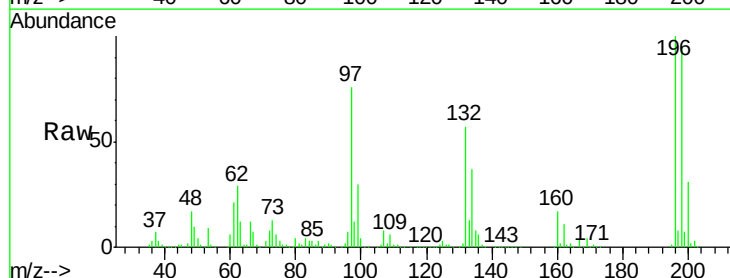


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

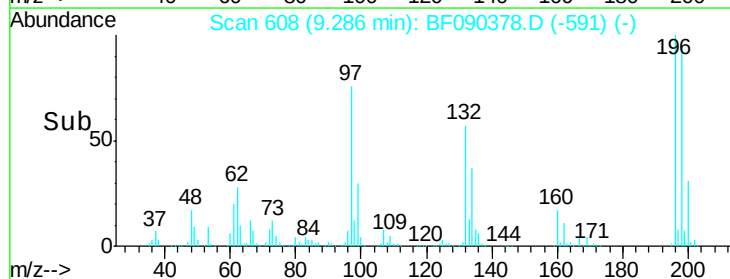
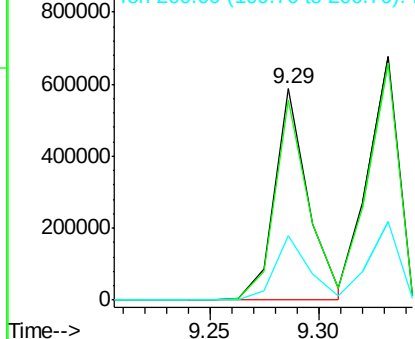


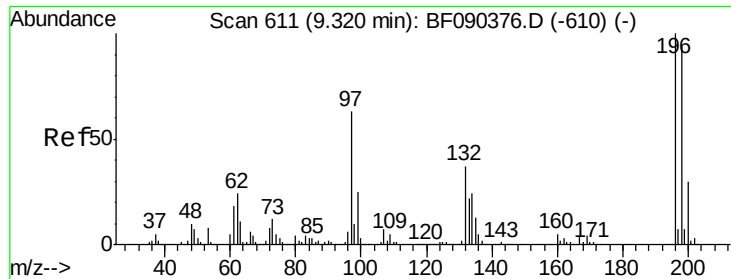
#42
 2,4,6-Trichlorophenol
 Concen: 59.52 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:196 Resp: 634088
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.9 118.3
 200 30.6 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

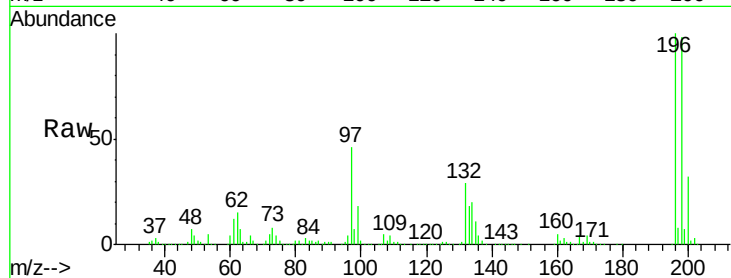




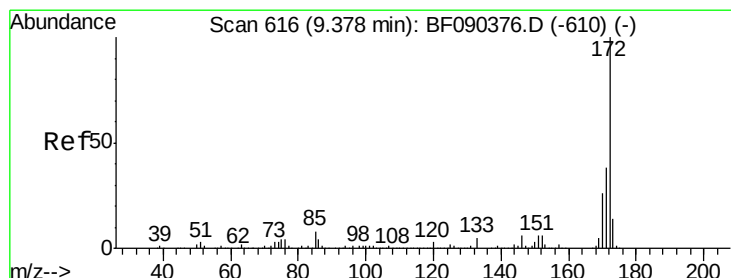
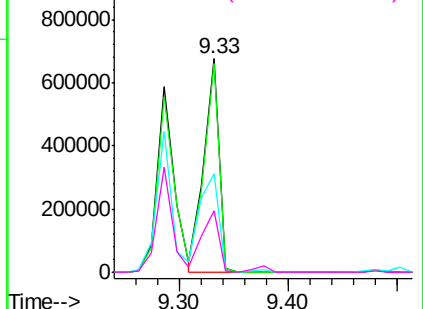
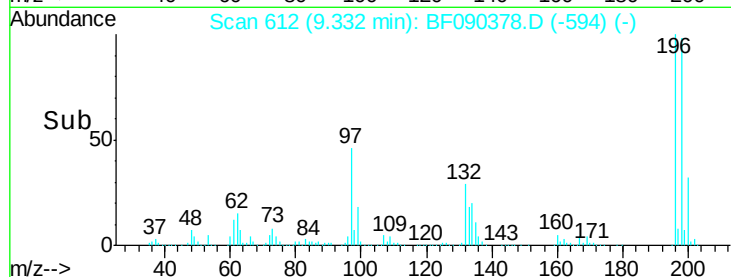
#43
 2,4,5-Trichlorophenol
 Concen: 61.82 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:196 Resp: 662683
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.1 117.1
 97 46.0 48.1 72.1#
 132 28.8 27.4 41.2

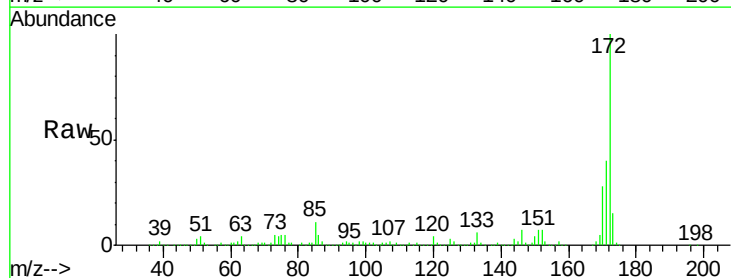


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

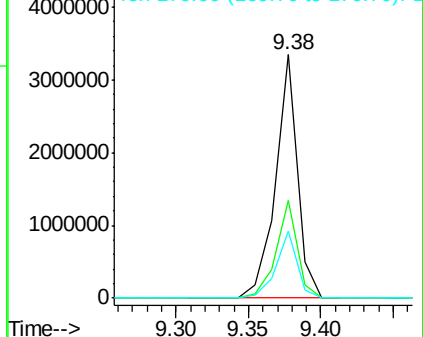
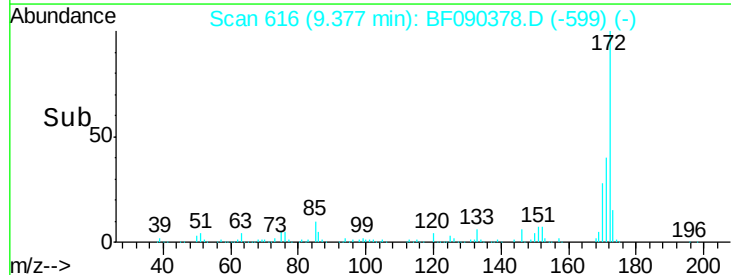


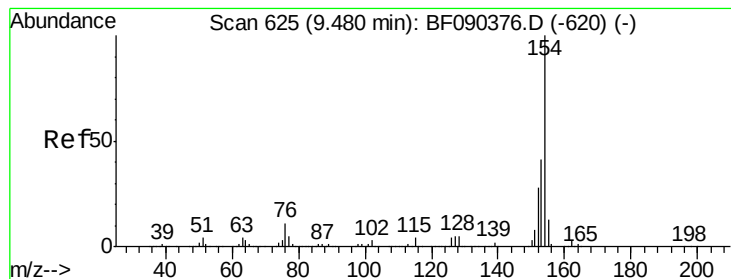
#44
 2-Fluorobiphenyl
 Concen: 94.84 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:172 Resp: 3490008
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.8 47.8
 170 27.5 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: 53.77 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

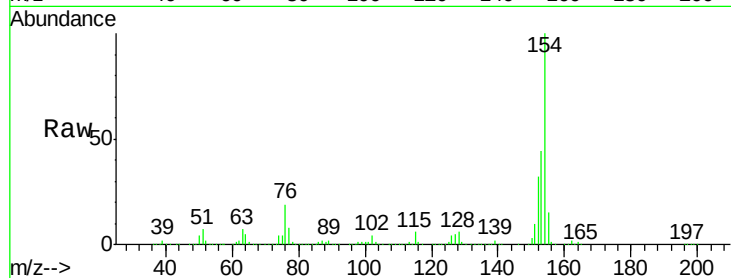
Tgt Ion:154 Resp: 2497722

Ion Ratio Lower Upper

154 100

153 44.2 23.8 63.8

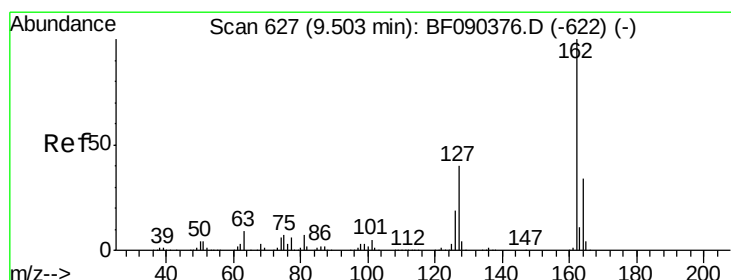
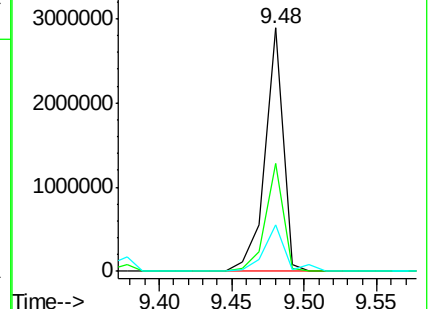
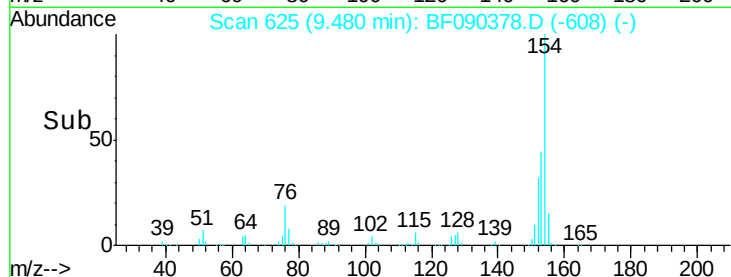
76 18.9 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.40 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

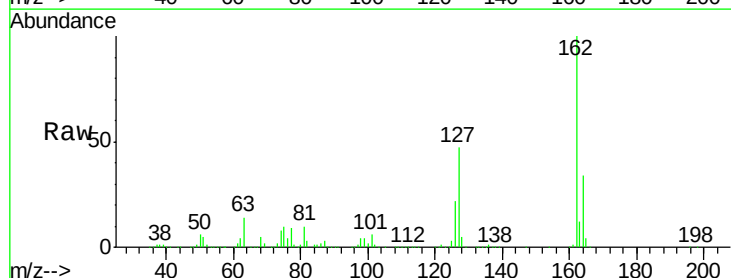
Tgt Ion:162 Resp: 1792060

Ion Ratio Lower Upper

162 100

127 46.9 35.6 53.4

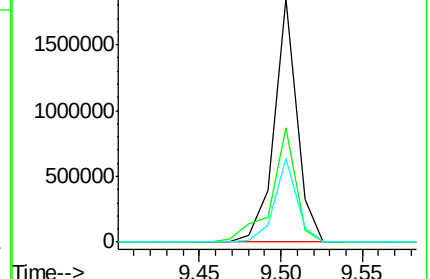
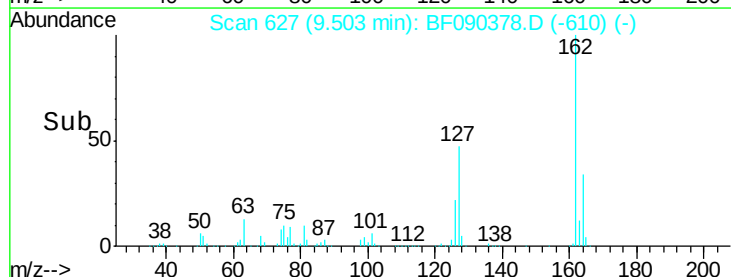
164 34.5 27.5 41.3

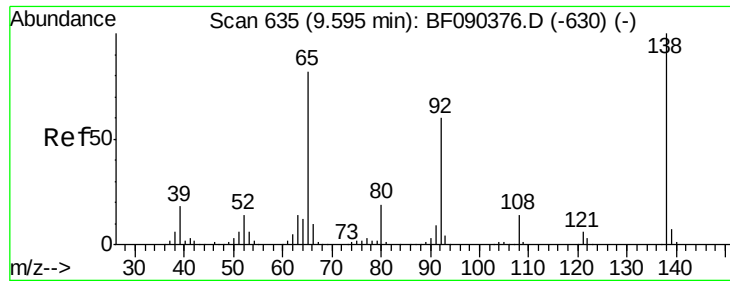


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 78.57 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

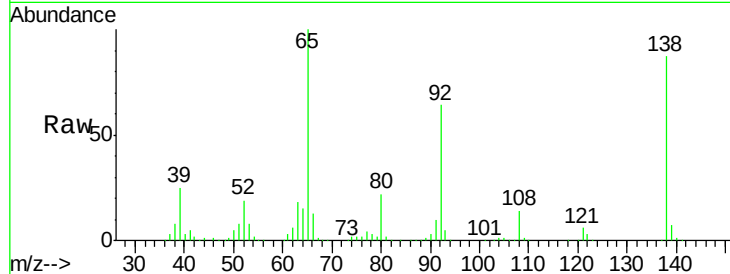
Tgt Ion: 65 Resp: 747764

Ion Ratio Lower Upper

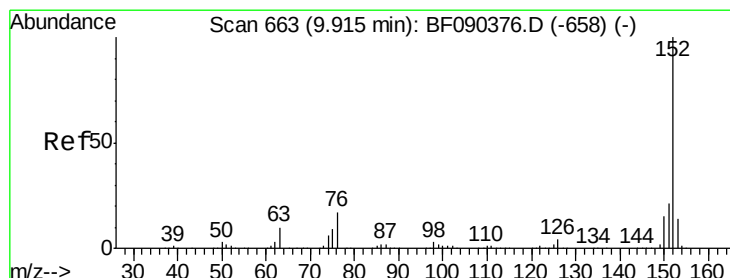
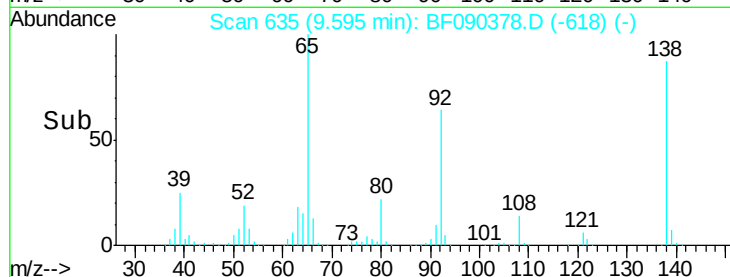
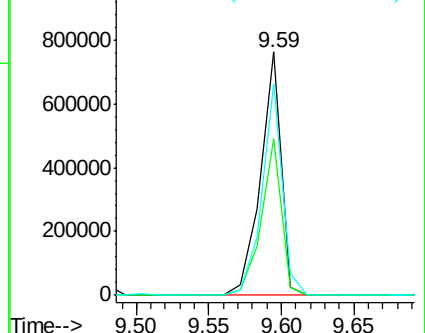
65 100

92 64.1 51.7 77.5

138 86.7 79.0 118.4



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



#48

Acenaphthylene

Concen: 60.48 ng

RT: 9.93 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

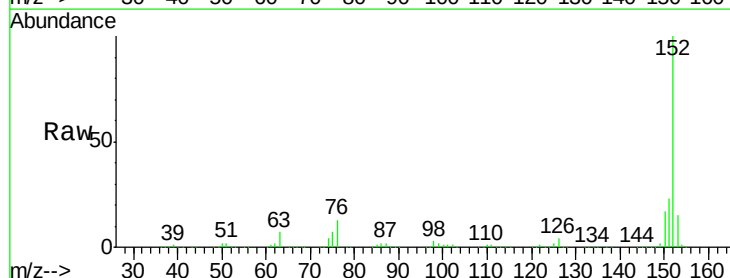
Tgt Ion: 152 Resp: 3189803

Ion Ratio Lower Upper

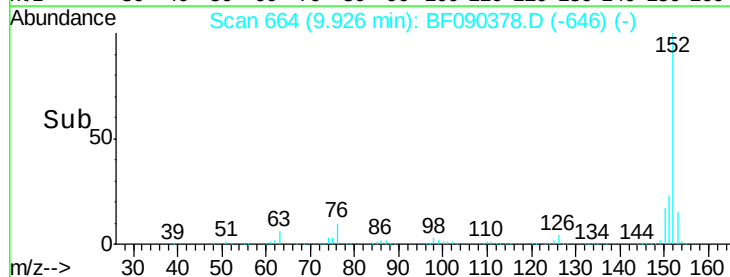
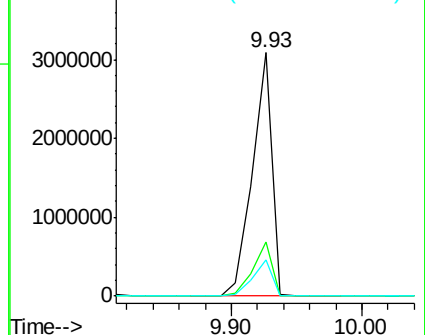
152 100

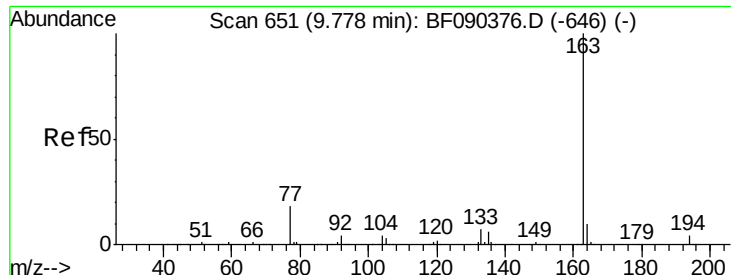
151 22.5 17.4 26.0

153 14.9 11.6 17.4



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

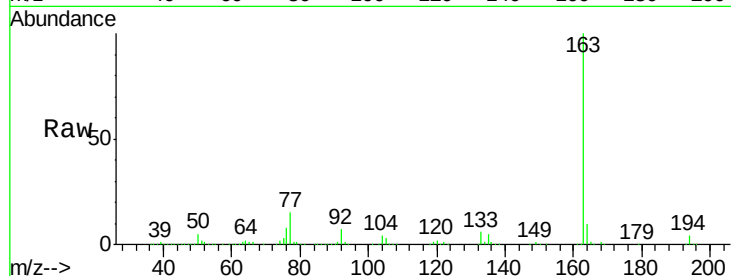




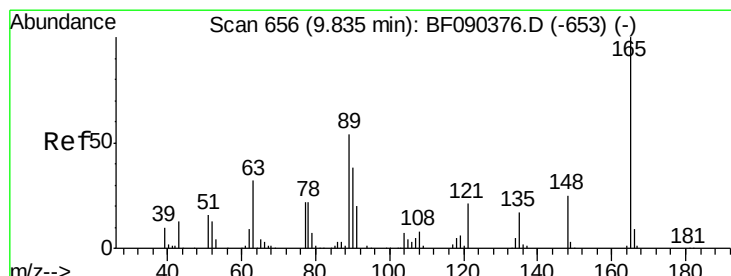
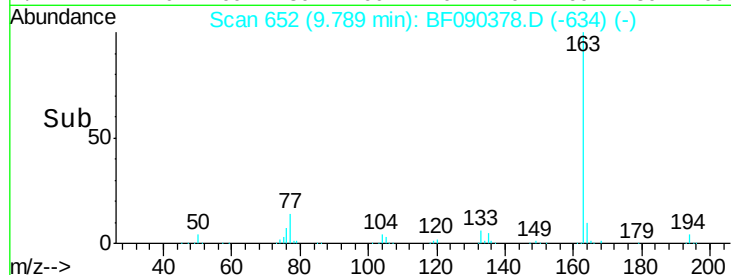
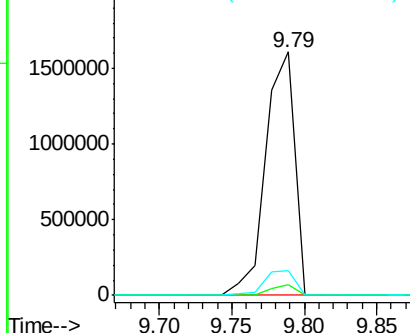
#49
Dimethylphthalate
Concen: 62.63 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:163 Resp: 2224410
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2
164 10.3 9.0 13.4

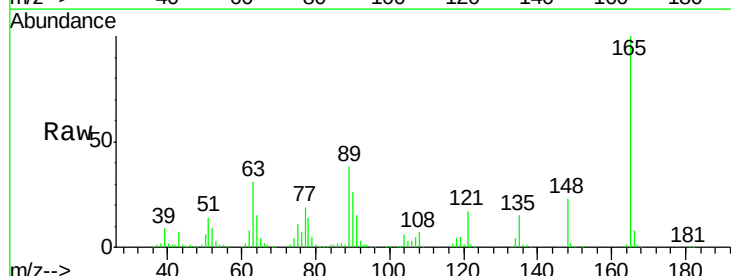


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

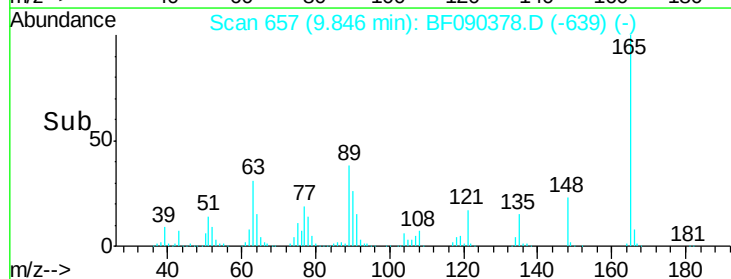
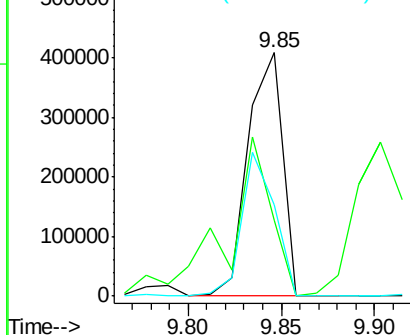


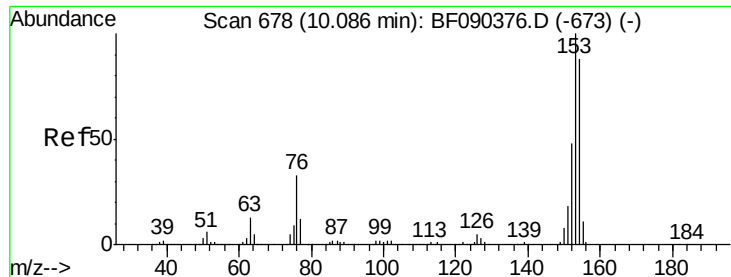
#50
2,6-Dinitrotoluene
Concen: 67.59 ng
RT: 9.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:165 Resp: 525119
Ion Ratio Lower Upper
165 100
63 31.5 58.0 87.0#
89 37.5 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: 63.23 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

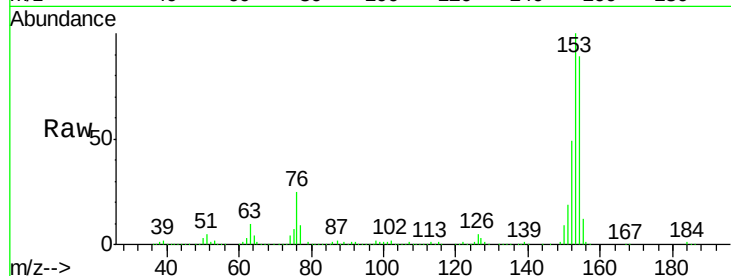
Tgt Ion:154 Resp: 2029662

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

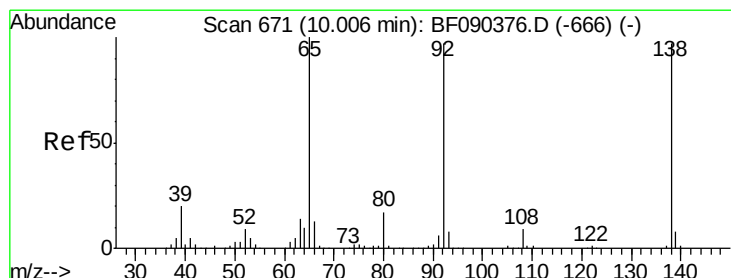
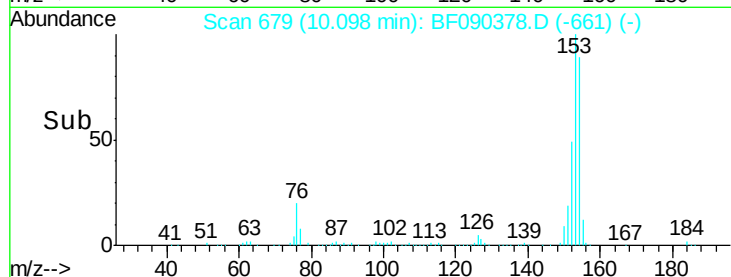
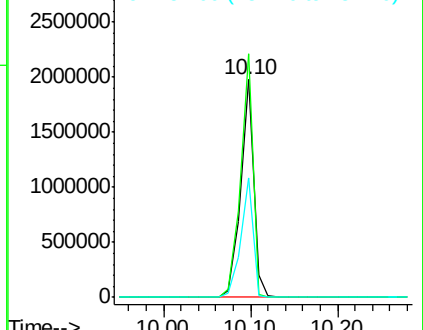
152 54.7 42.6 64.0



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: 65.27 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

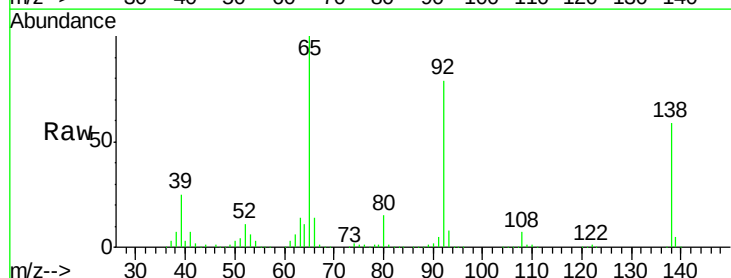
Tgt Ion:138 Resp: 574420

Ion Ratio Lower Upper

138 100

108 11.5 9.7 14.5

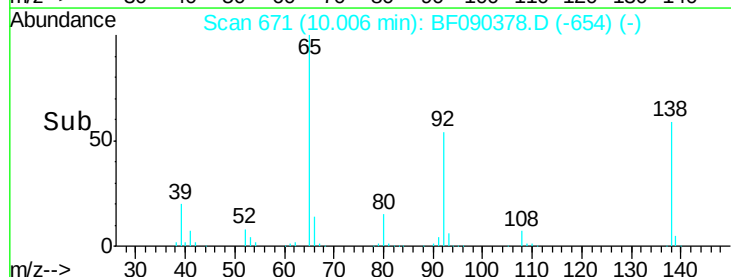
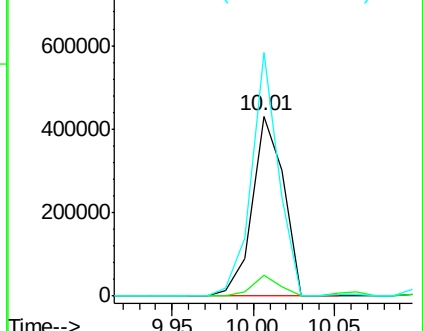
92 135.5 97.1 145.7

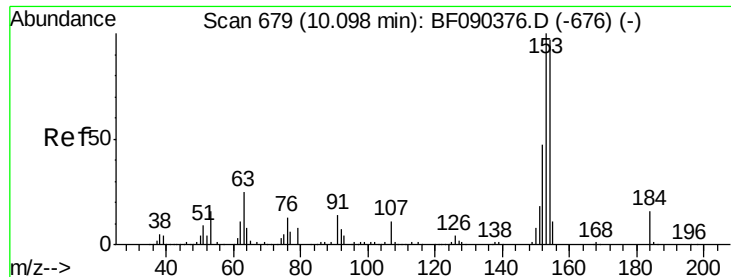


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

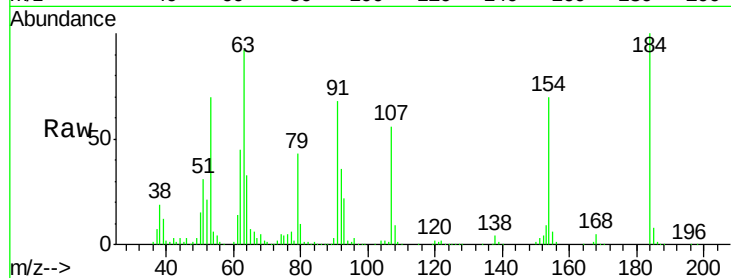




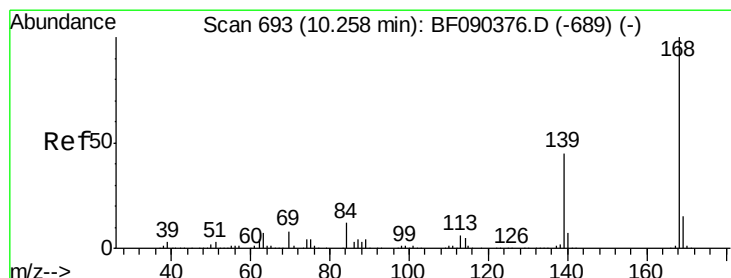
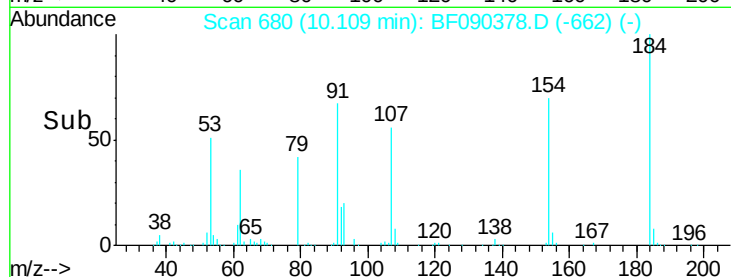
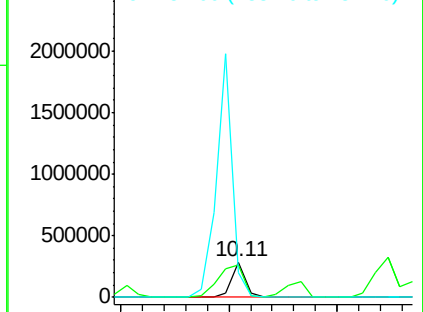
#53
2,4-Dinitrophenol
Concen: 105.08 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:184 Resp: 246819
Ion Ratio Lower Upper
184 100
63 91.6 41.9 62.9#
154 70.1 48.9 73.3

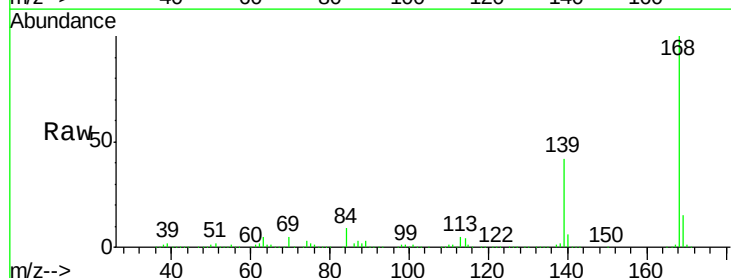


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

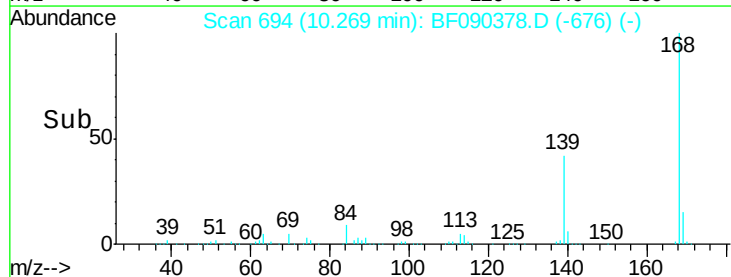
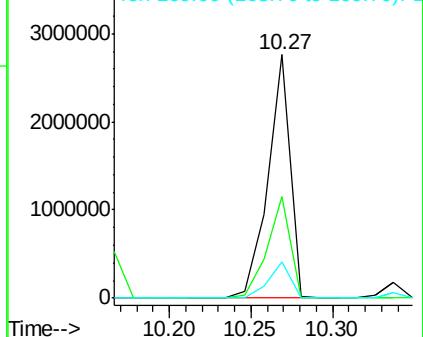


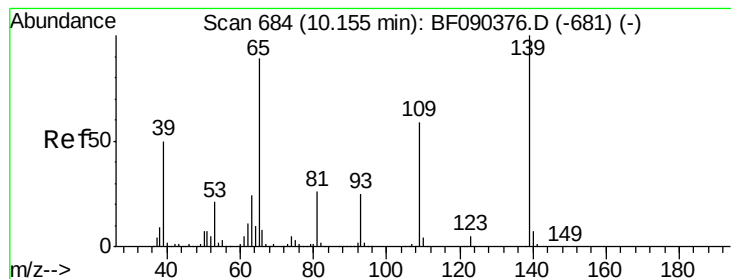
#54
Dibenzofuran
Concen: 61.73 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:168 Resp: 2620024
Ion Ratio Lower Upper
168 100
139 41.6 29.6 44.4
169 14.8 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: 82.60 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

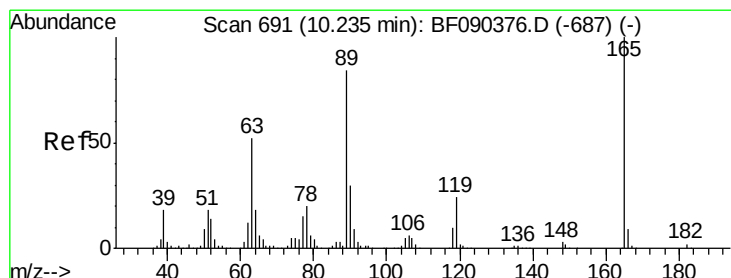
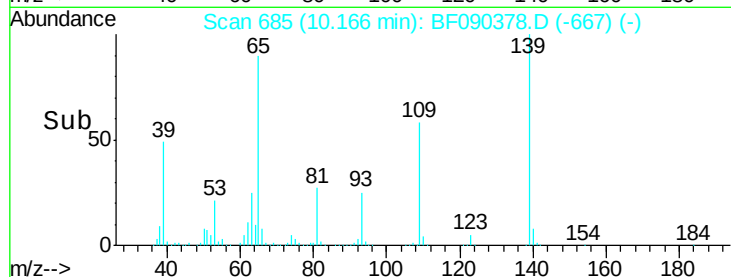
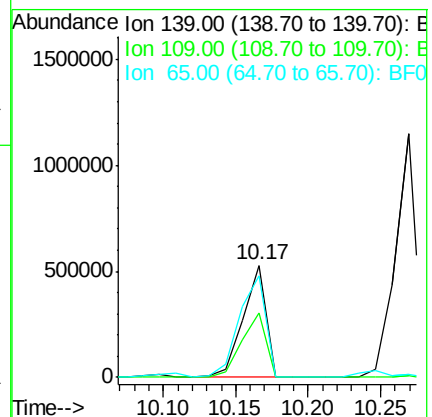
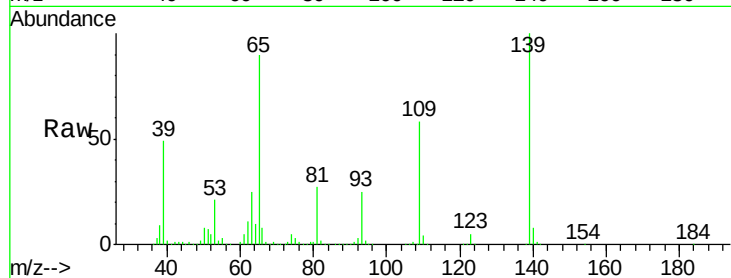
Tgt Ion:139 Resp: 578798

Ion Ratio Lower Upper

139 100

109 57.9 43.6 83.6

65 90.2 87.5 127.5



#56

2,4-Dinitrotoluene

Concen: 78.01 ng

RT: 10.25 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion:165 Resp: 729503

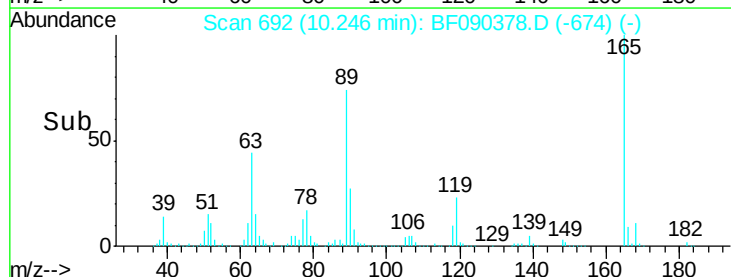
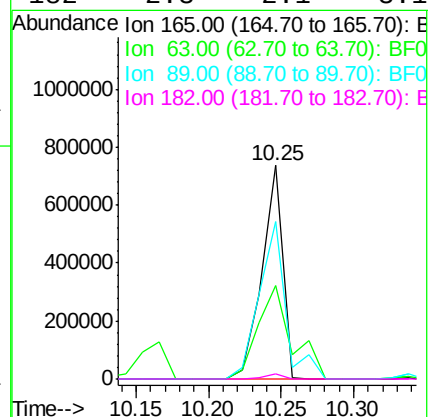
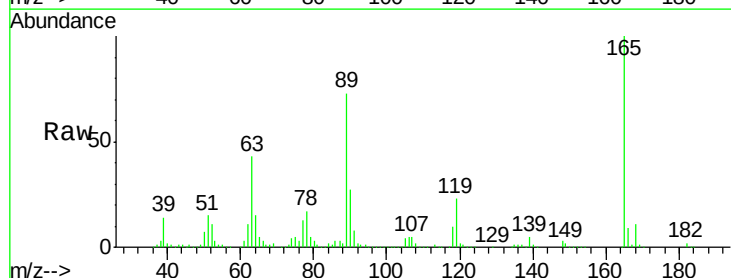
Ion Ratio Lower Upper

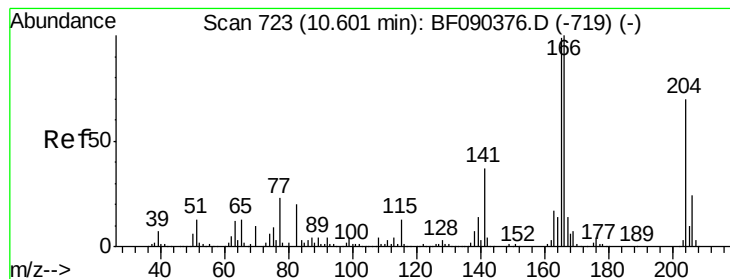
165 100

63 43.5 17.8 26.6#

89 73.5 33.2 49.8#

182 2.3 2.1 3.1





#57

Fluorene

Concen: 60.24 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

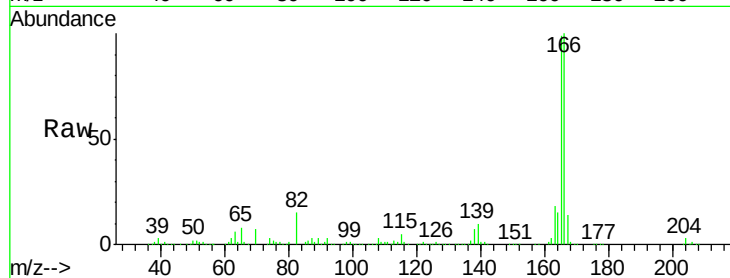
Tgt Ion:166 Resp: 2138606

Ion Ratio Lower Upper

166 100

165 99.1 79.2 118.8

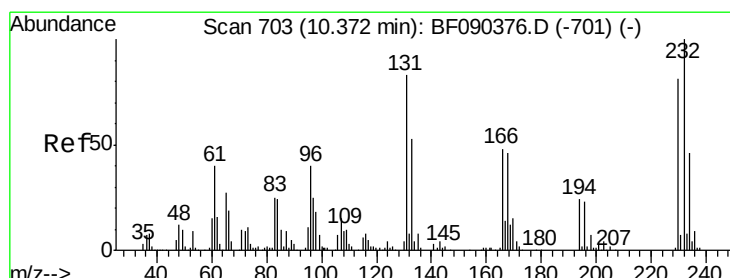
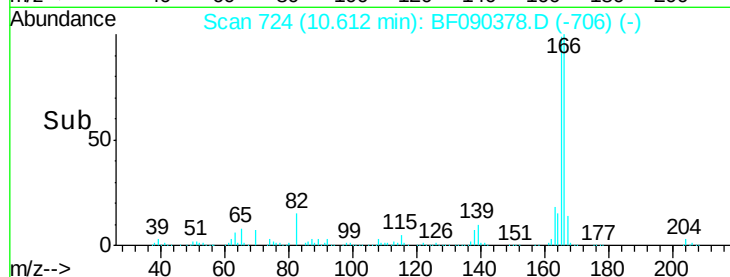
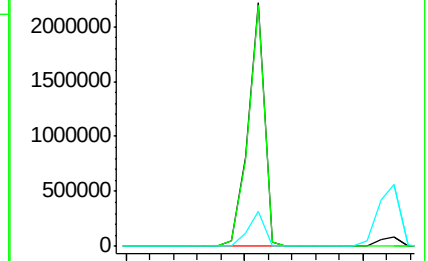
167 14.5 11.1 16.7



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: 67.60 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion:232 Resp: 511005

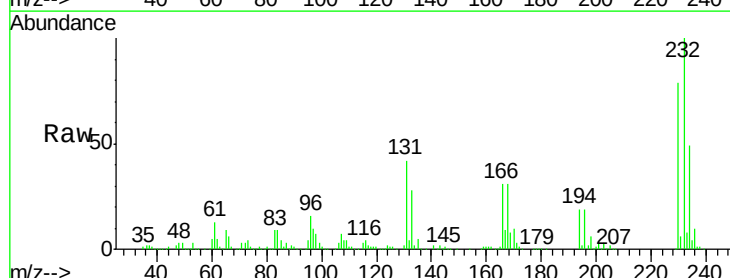
Ion Ratio Lower Upper

232 100

131 51.1 34.5 51.7

130 2.2 1.6 2.4

166 34.9 23.8 35.8

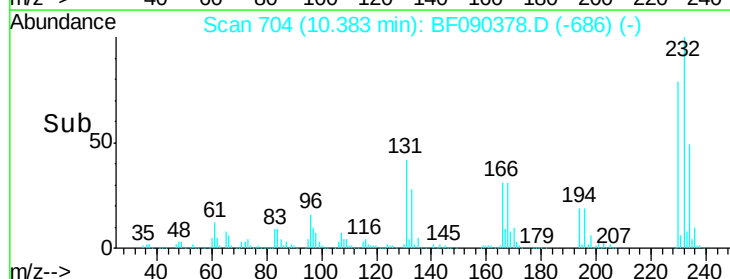
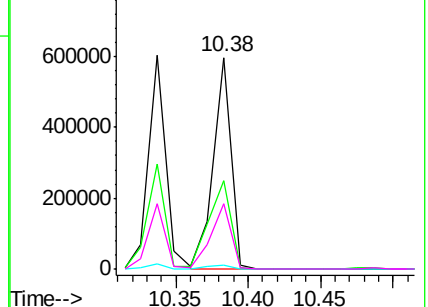


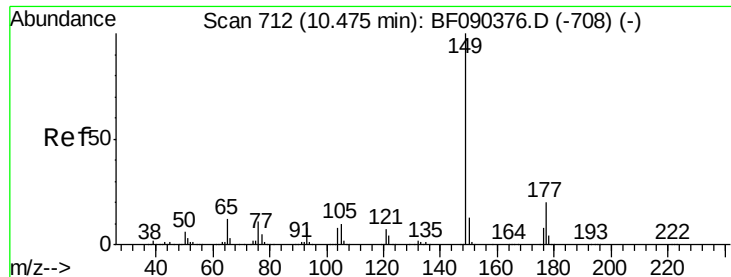
Abundance Ion 232.00 (231.70 to 232.70): E

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

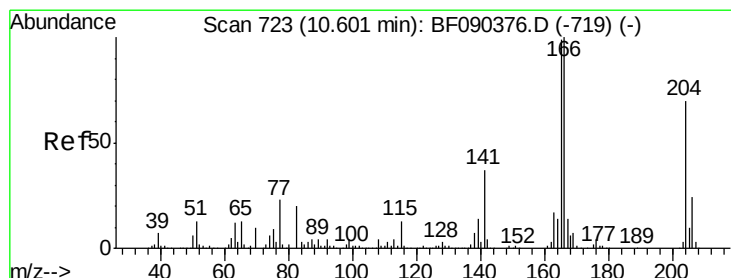
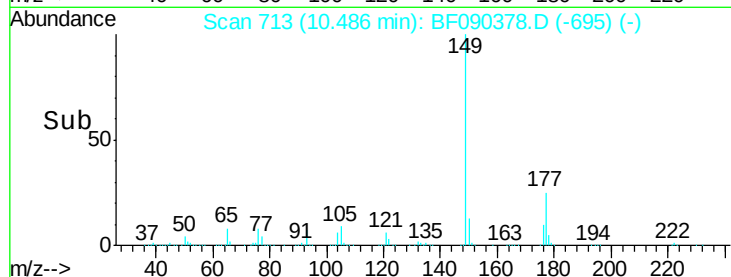
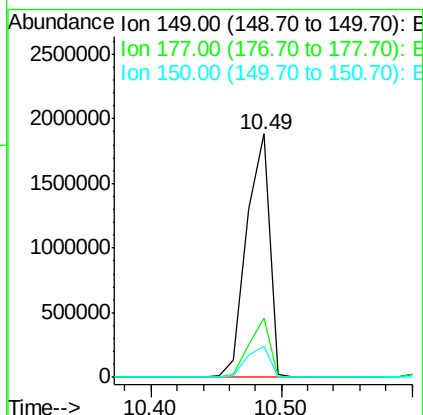
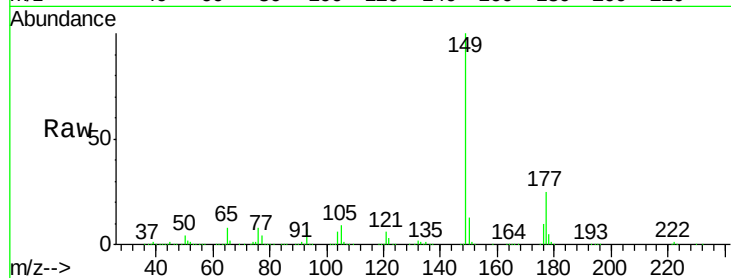




#59
Diethylphthalate
Concen: 63.30 ng
RT: 10.49 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

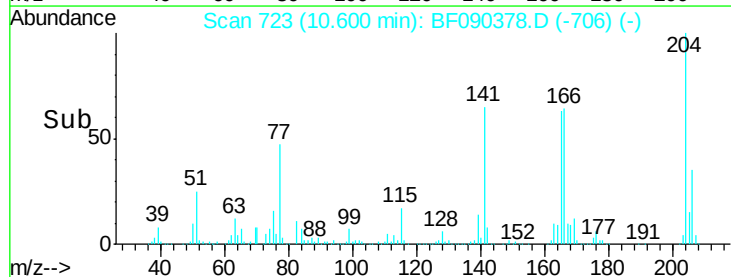
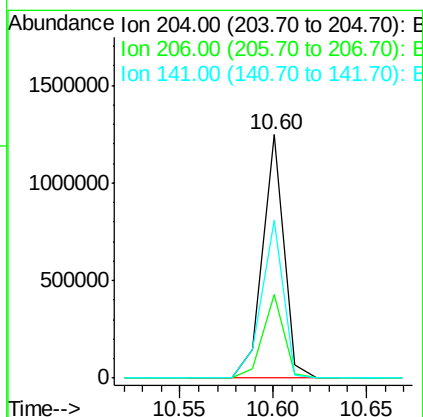
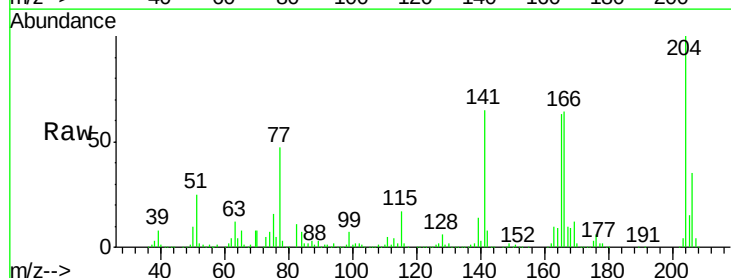
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

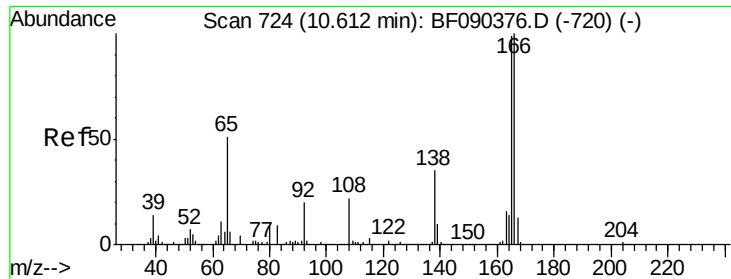
Tgt Ion:149 Resp: 2298083
Ion Ratio Lower Upper
149 100
177 24.6 21.1 31.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 59.59 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:204 Resp: 1003226
Ion Ratio Lower Upper
204 100
206 34.5 26.7 40.1
141 65.0 51.7 77.5

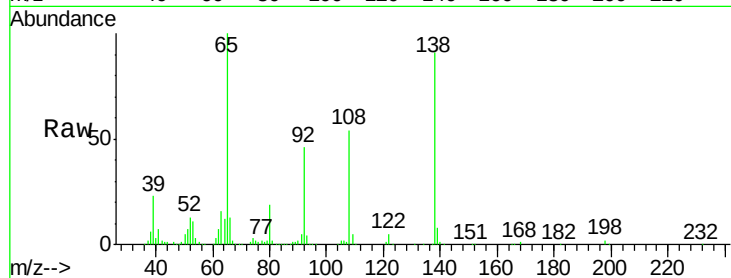




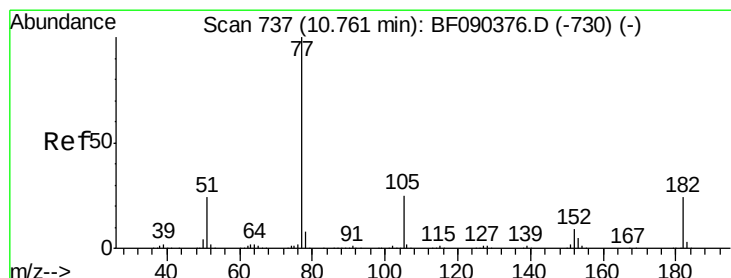
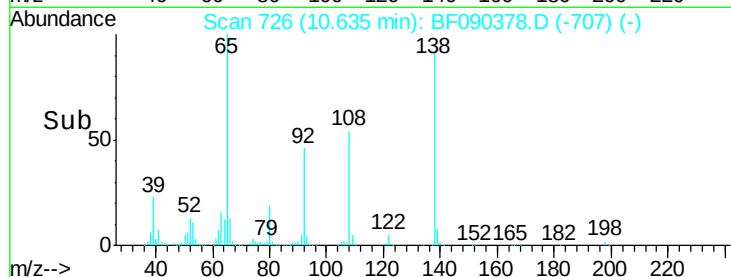
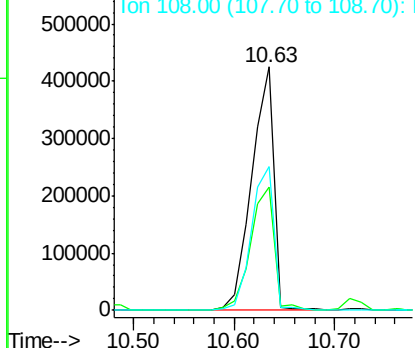
#61
4-Nitroaniline
Concen: 82.15 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:138 Resp: 650268
Ion Ratio Lower Upper
138 100
92 50.7 33.2 73.2
108 59.2 48.5 88.5

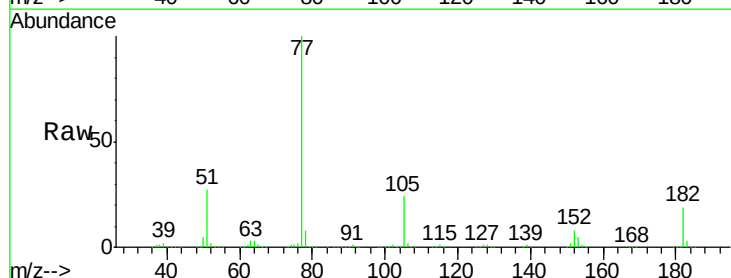


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

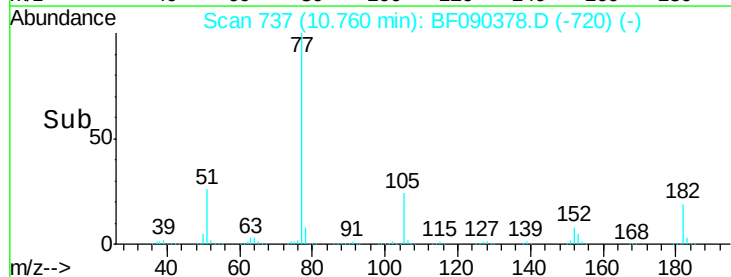
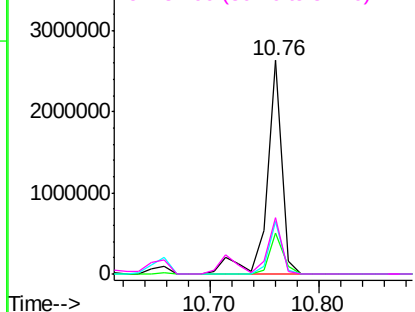


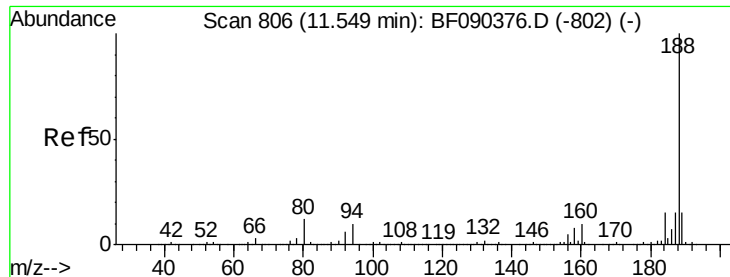
#62
Azobenzene
Concen: 67.45 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion: 77 Resp: 2551995
Ion Ratio Lower Upper
77 100
182 19.1 3.2 43.2
105 24.4 2.9 42.9
51 26.5 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

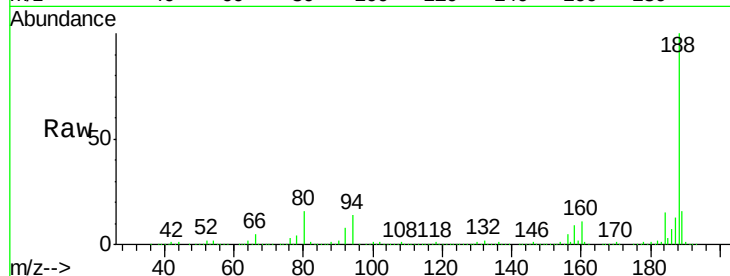




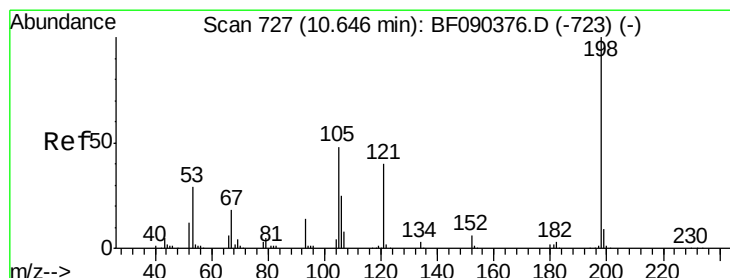
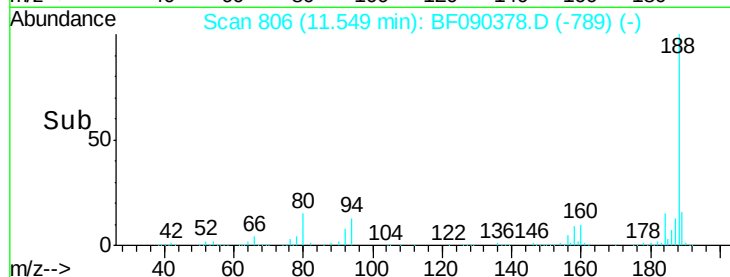
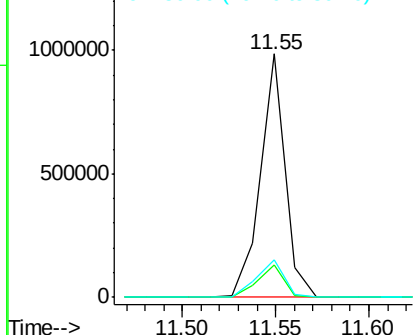
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:188 Resp: 915600
Ion Ratio Lower Upper
188 100
94 13.6 8.2 12.2#
80 15.5 8.8 13.2#

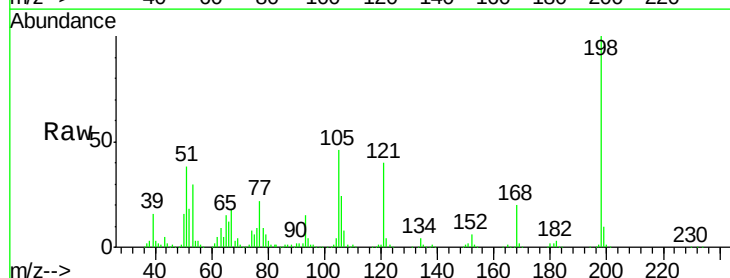


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

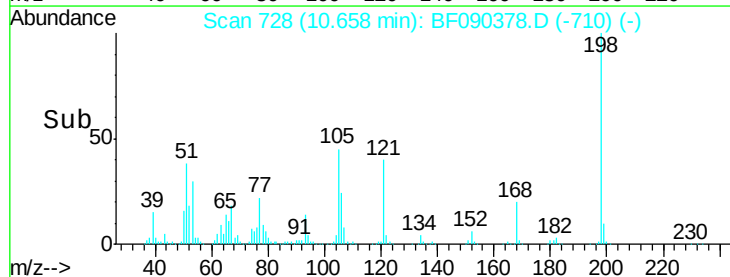
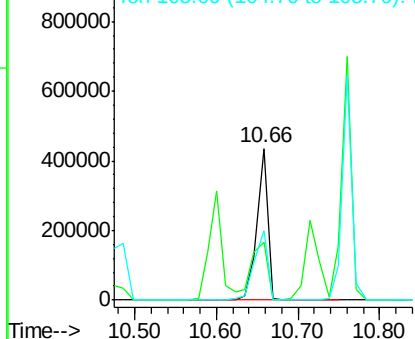


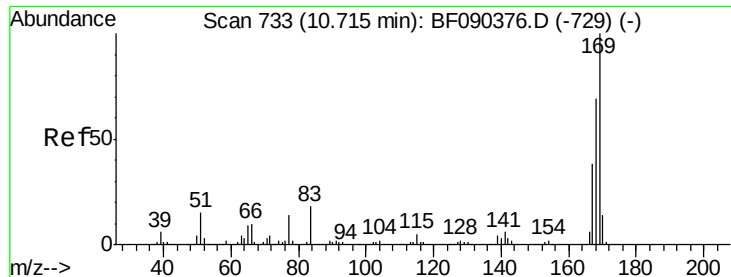
#64
4,6-Dinitro-2-methylphenol
Concen: 113.93 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:198 Resp: 397932
Ion Ratio Lower Upper
198 100
51 38.3 67.3 107.3#
105 45.7 42.6 82.6



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

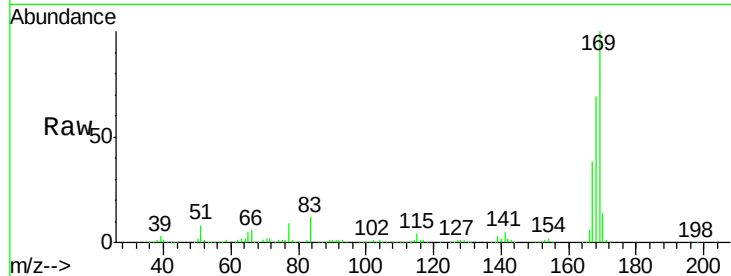




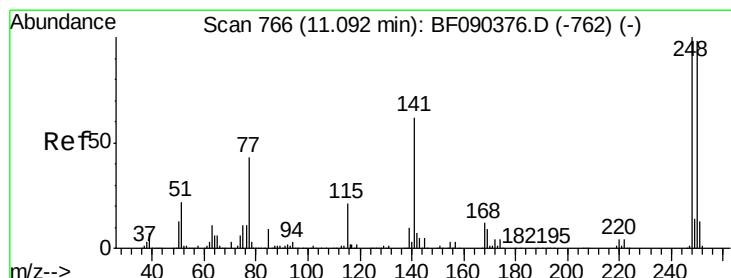
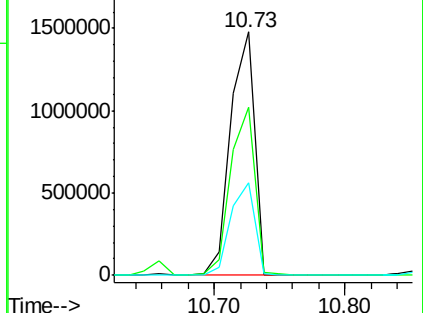
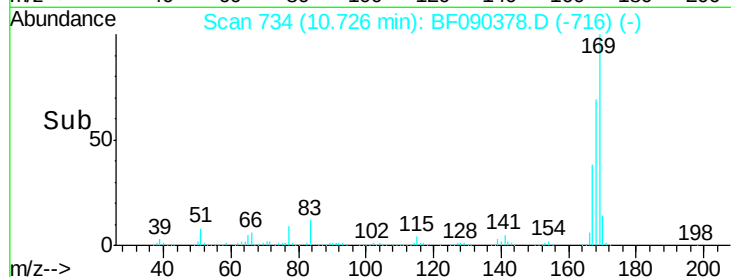
#65
 n-Nitrosodiphenylamine
 Concen: 60.39 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:169 Resp: 1885561
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.8 80.6
 167 38.3 29.8 44.8

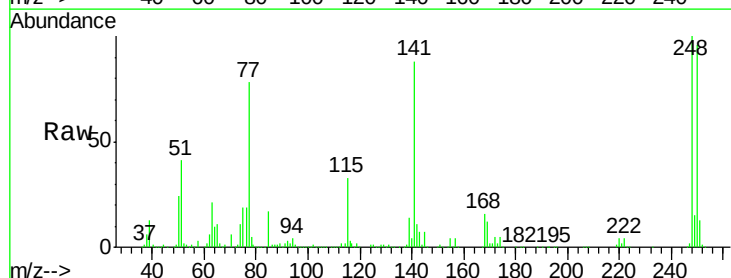


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

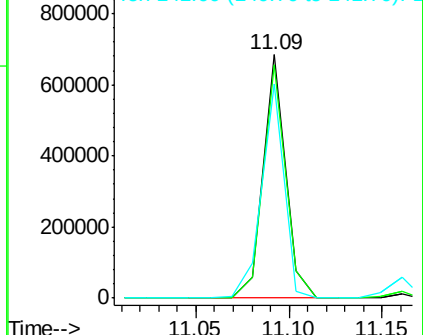
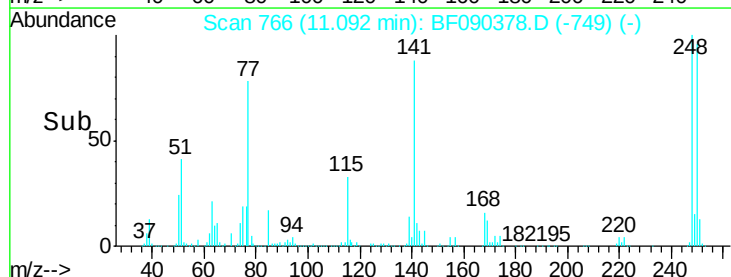


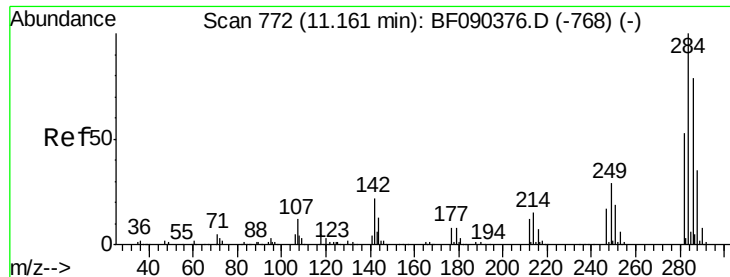
#66
 4-Bromophenyl-phenylether
 Concen: 57.09 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:248 Resp: 564848
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.5 114.7
 141 87.7 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

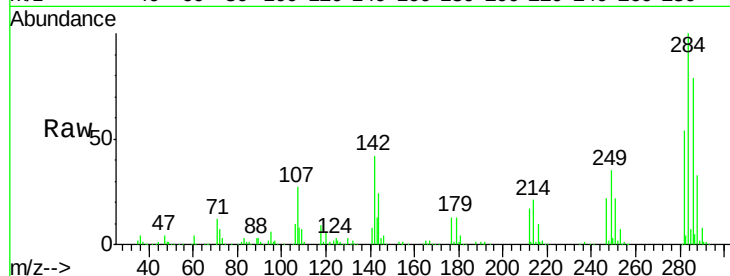




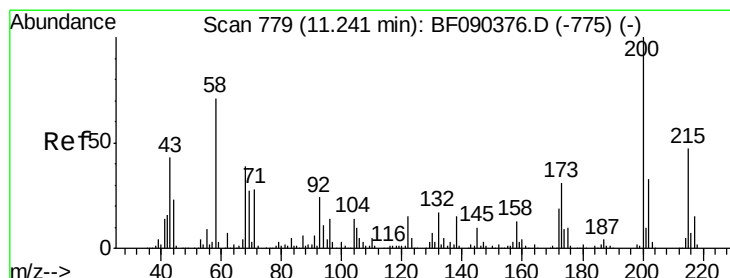
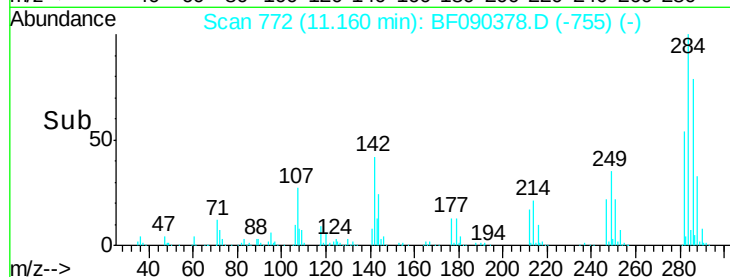
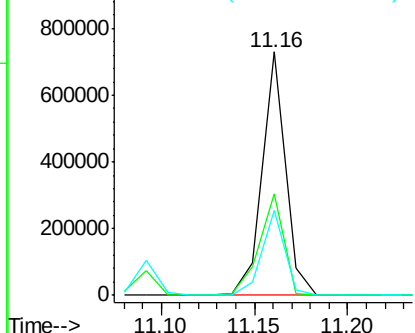
#67
Hexachlorobenzene
Concen: 53.78 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:284 Resp: 625387
Ion Ratio Lower Upper
284 100
142 41.9 23.1 34.7#
249 34.8 26.3 39.5

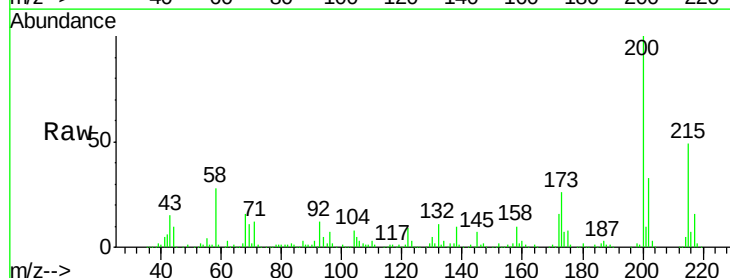


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

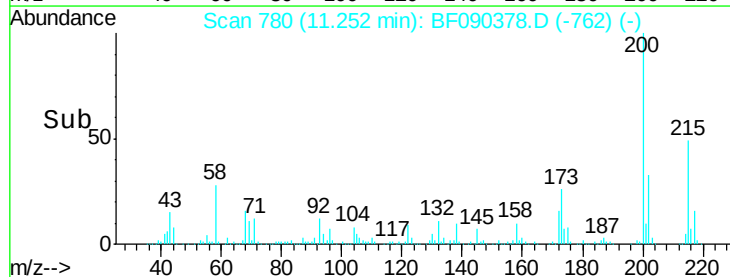
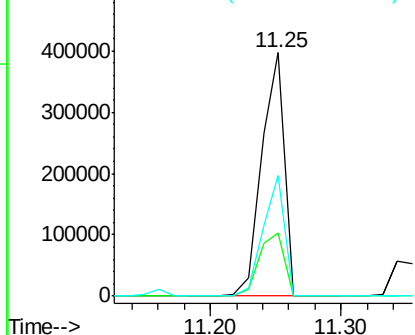


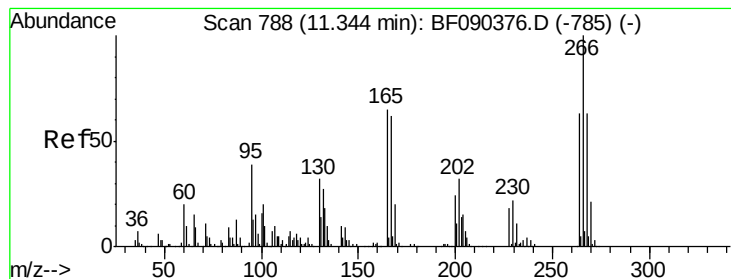
#68
Atrazine
Concen: 63.93 ng
RT: 11.25 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:200 Resp: 477885
Ion Ratio Lower Upper
200 100
173 25.9 9.0 49.0
215 49.5 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.66 ng

RT: 11.35 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

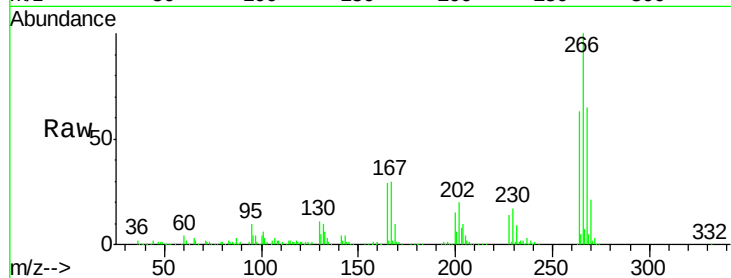
Tgt Ion:266 Resp: 408473

Ion Ratio Lower Upper

266 100

268 65.2 50.9 76.3

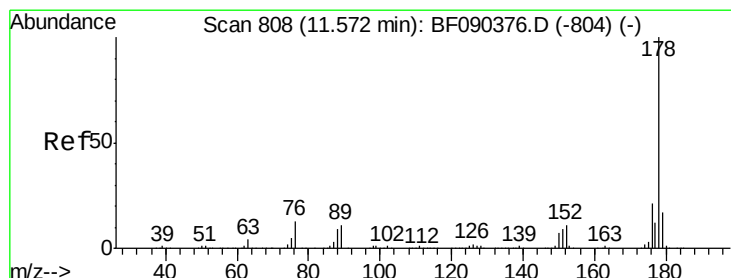
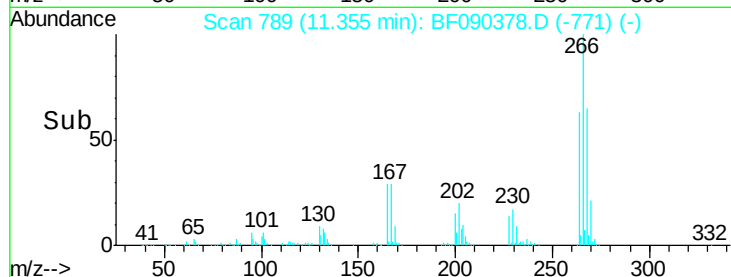
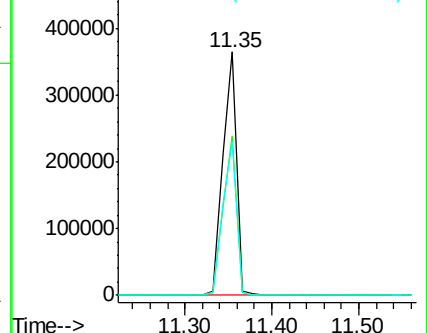
264 63.3 51.5 77.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 51.87 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

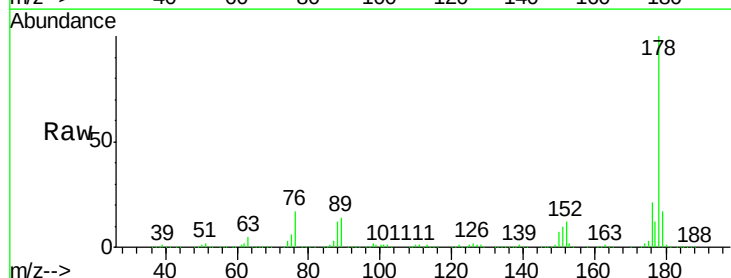
Tgt Ion:178 Resp: 2547814

Ion Ratio Lower Upper

178 100

176 21.3 17.3 25.9

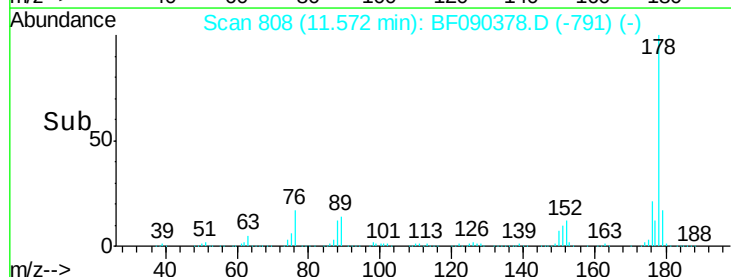
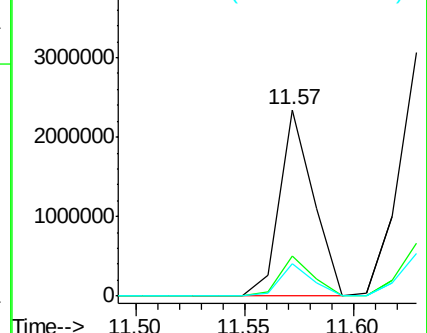
179 17.2 13.8 20.6

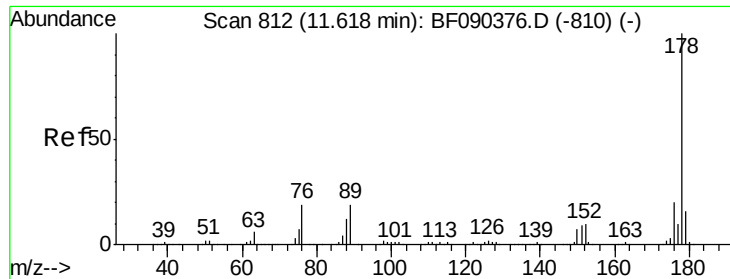


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

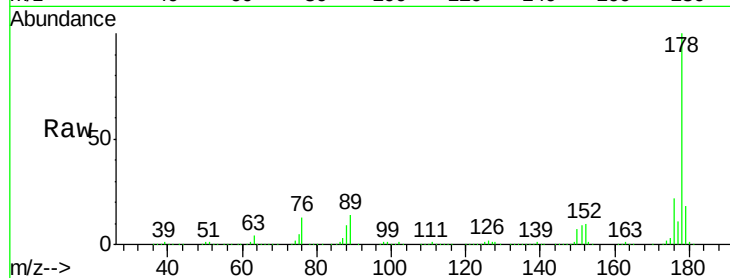




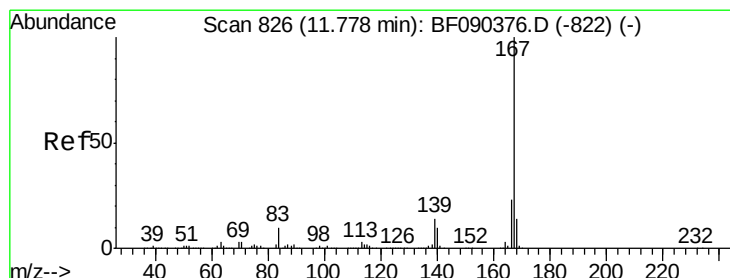
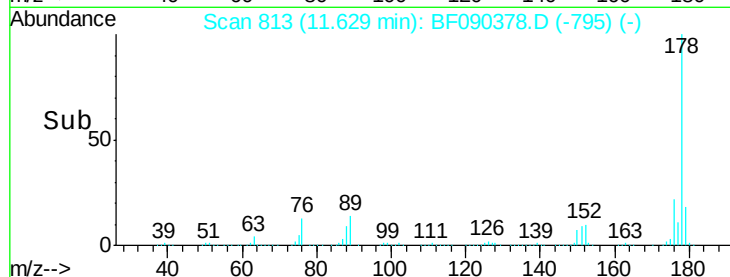
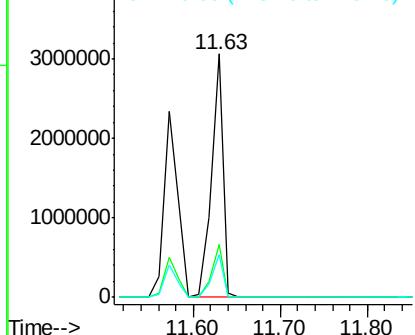
#71
 Anthracene
 Concen: 58.43 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:178 Resp: 2865036
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.8 25.2
 179 17.6 13.4 20.2

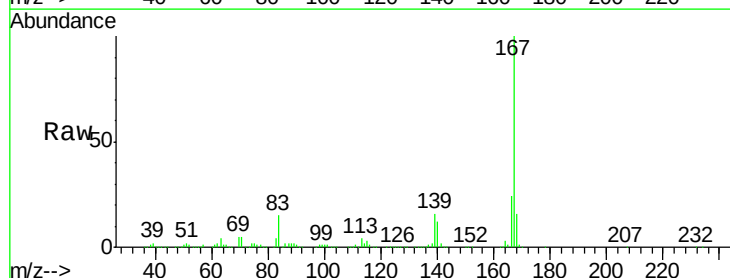


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

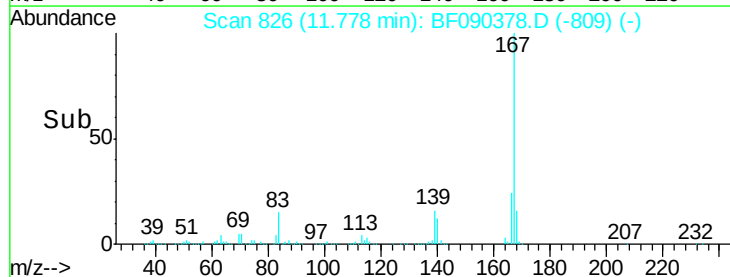
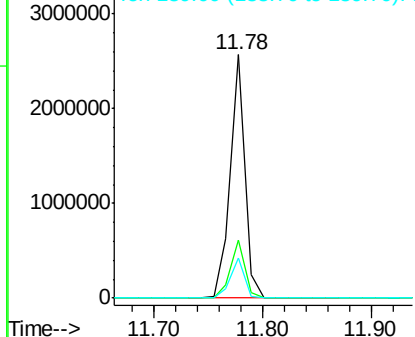


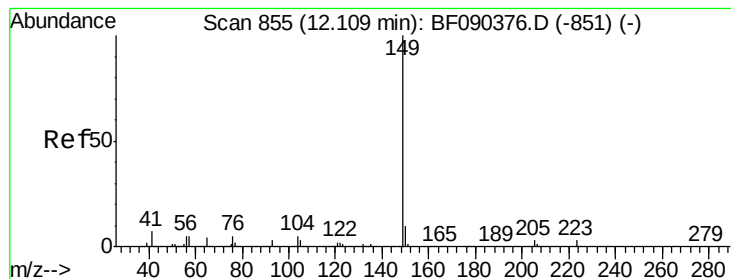
#72
 Carbazole
 Concen: 52.96 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:167 Resp: 2387238
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.1 28.7
 139 16.2 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.94 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

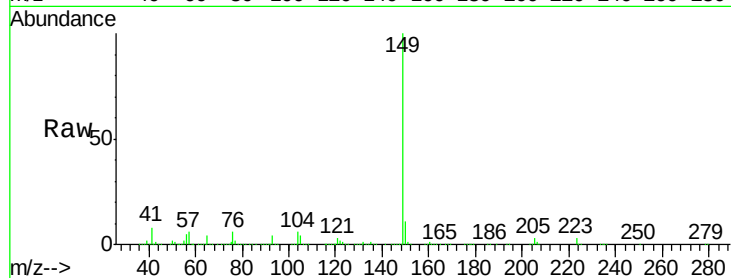
Tgt Ion:149 Resp: 2905798

Ion Ratio Lower Upper

149 100

150 11.0 8.6 12.8

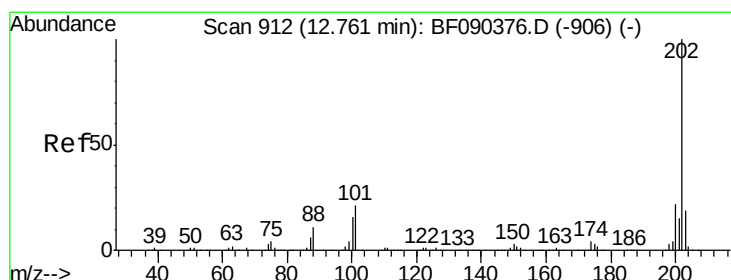
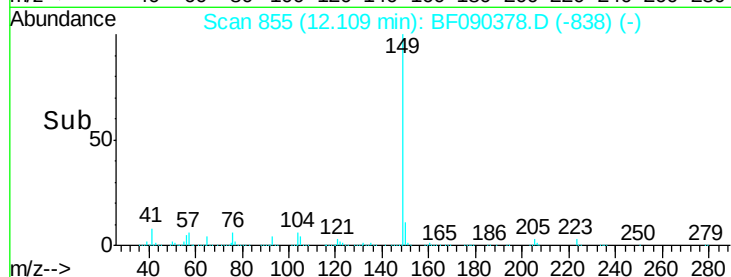
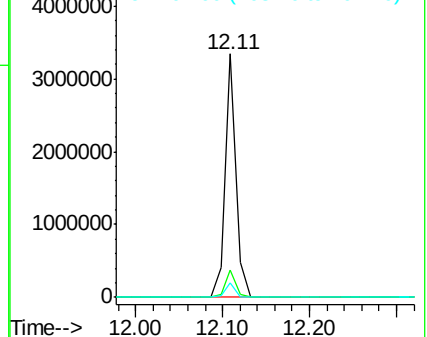
104 5.9 4.7 7.1



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: 59.41 ng

RT: 12.77 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

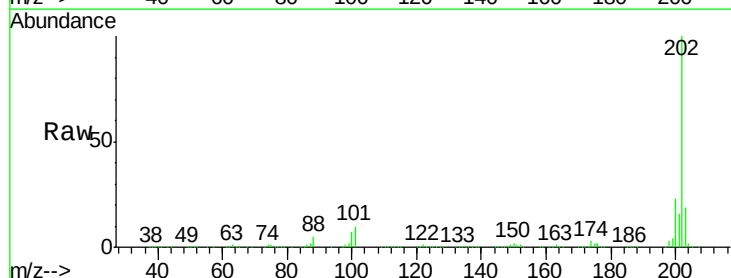
Tgt Ion:202 Resp: 2767853

Ion Ratio Lower Upper

202 100

101 9.8 0.0 37.2

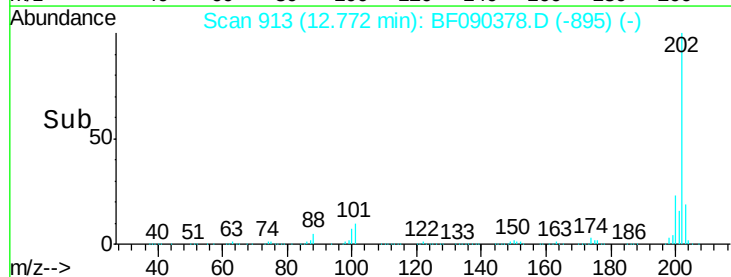
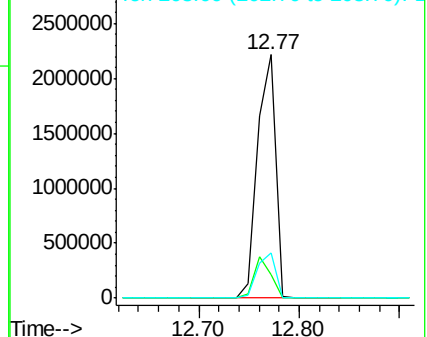
203 18.8 0.0 39.3

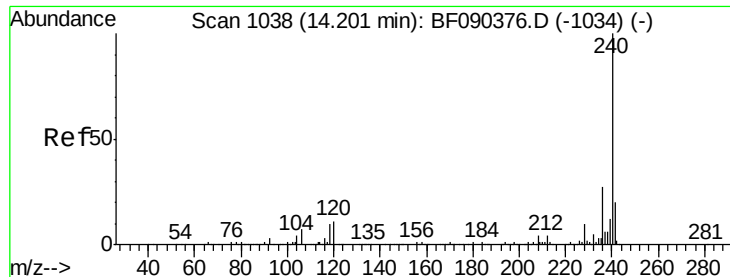


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

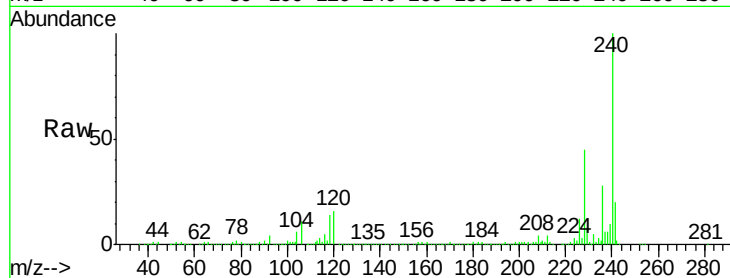
Tgt Ion:240 Resp: 691086

Ion Ratio Lower Upper

240 100

120 15.8 8.6 13.0#

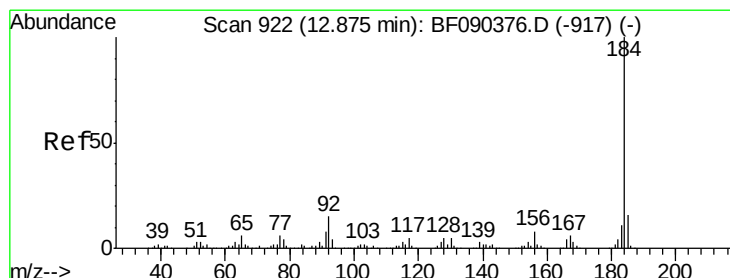
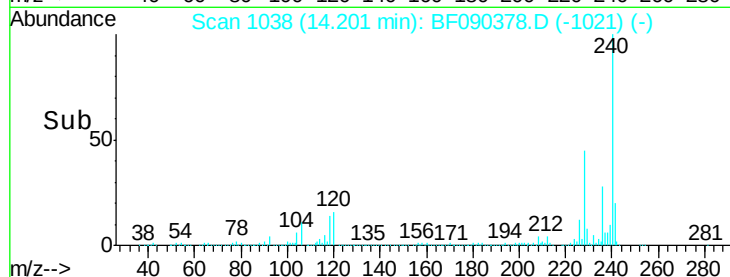
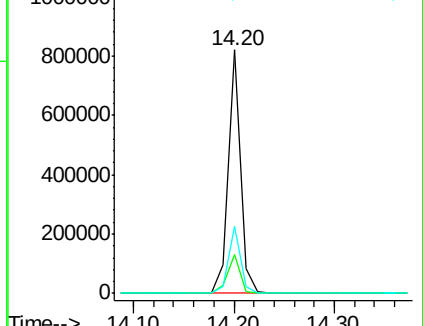
236 27.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.05 ng

RT: 12.89 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

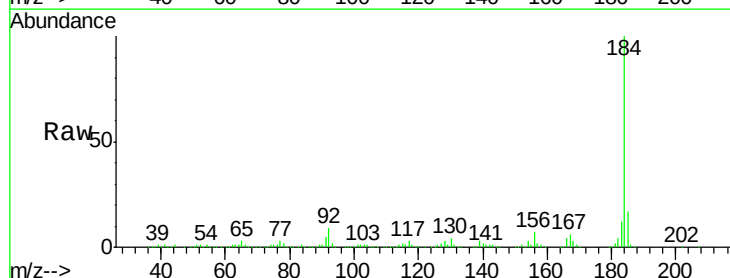
Tgt Ion:184 Resp: 1179190

Ion Ratio Lower Upper

184 100

185 17.1 11.8 17.8

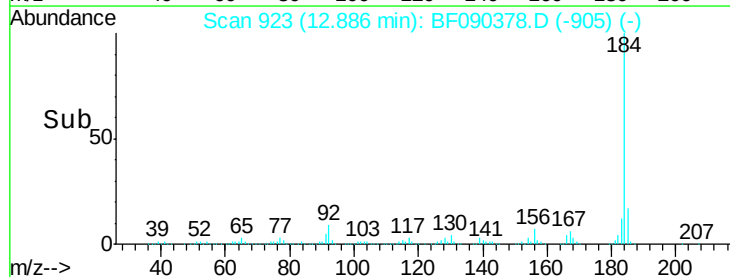
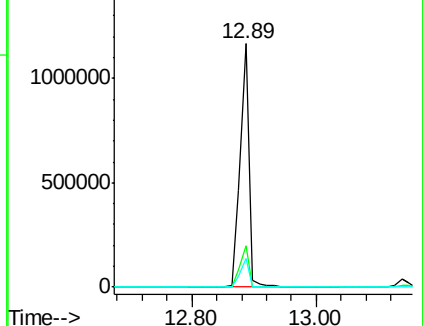
183 12.0 9.6 14.4

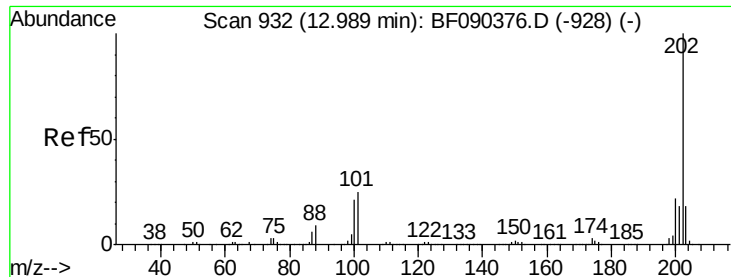


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

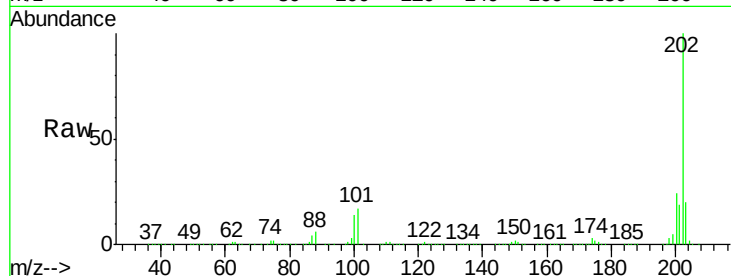




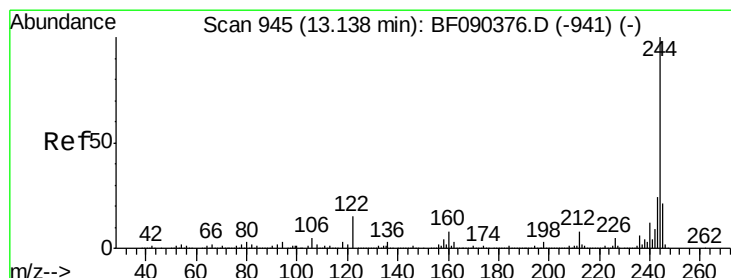
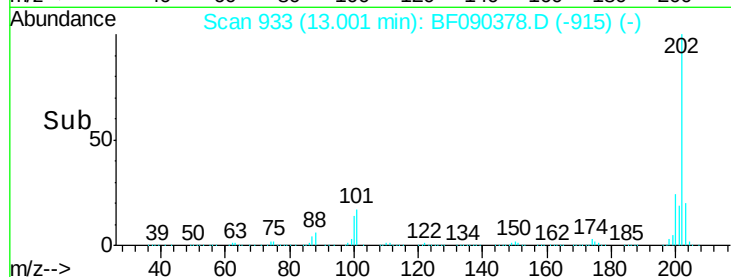
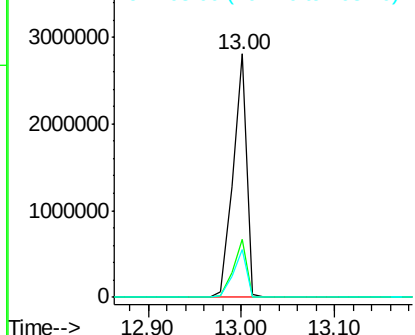
#77
 Pyrene
 Concen: 64.98 ng
 RT: 13.00 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 202 Resp: 2875444
 Ion Ratio Lower Upper
 202 100
 200 24.0 18.5 27.7
 203 19.6 15.0 22.6

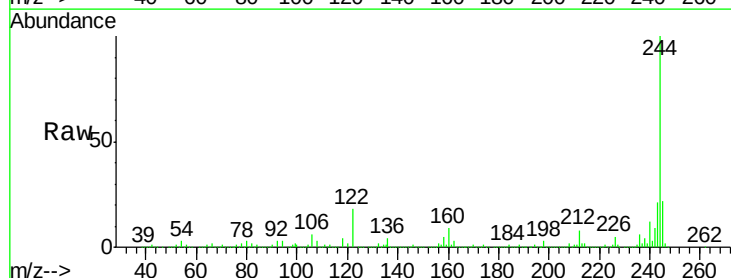


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

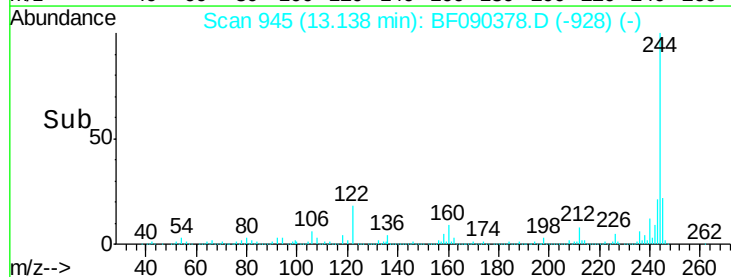
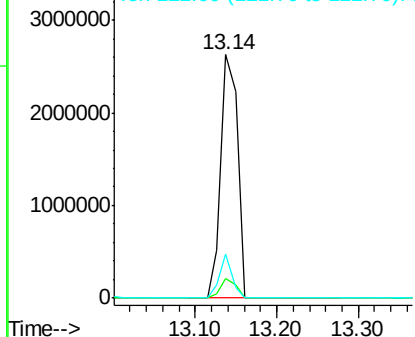


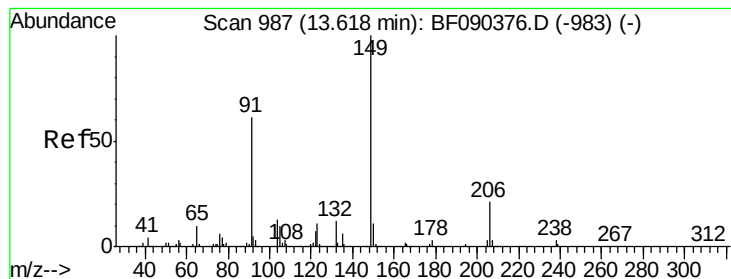
#78
 Terphenyl-d14
 Concen: 124.81 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion: 244 Resp: 3704942
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.8 10.2
 122 17.8 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: 84.72 ng

RT: 13.62 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

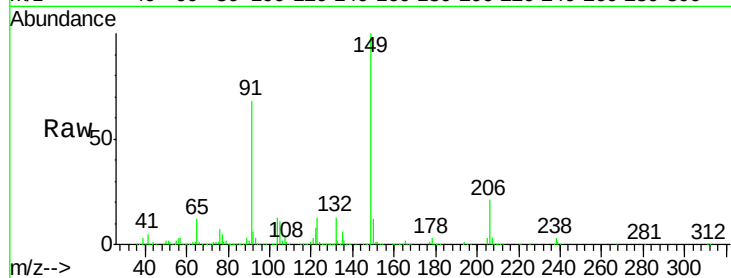
Tgt Ion:149 Resp: 1477417

Ion Ratio Lower Upper

149 100

91 68.1 51.8 77.8

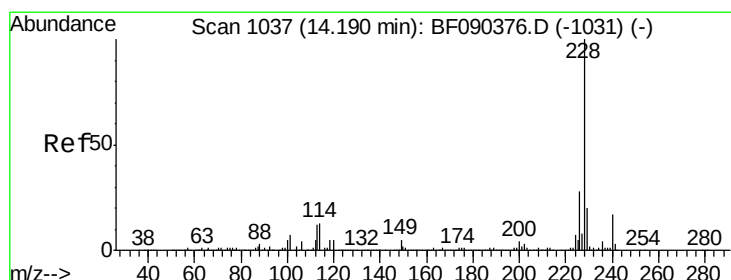
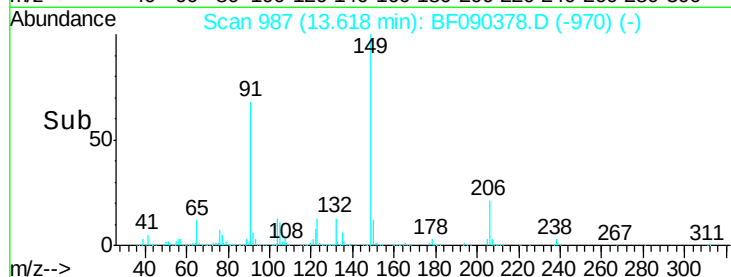
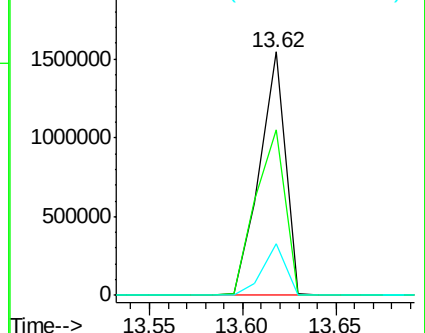
206 21.2 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 58.98 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

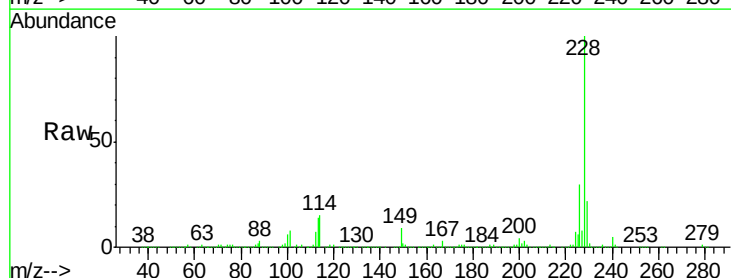
Tgt Ion:228 Resp: 2285598

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

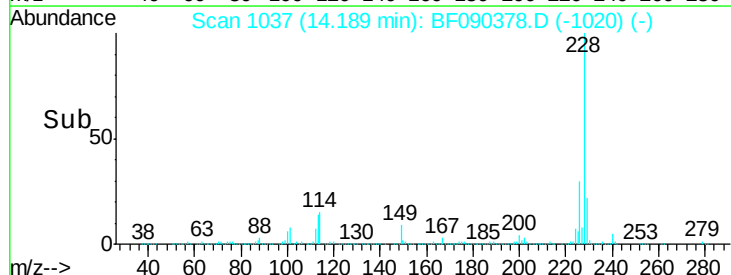
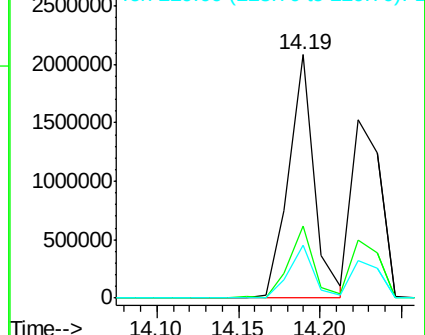
229 21.7 16.6 25.0

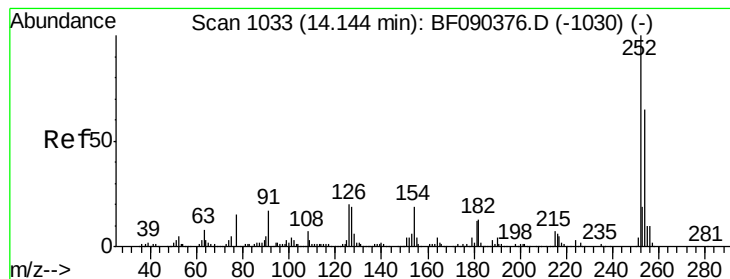


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

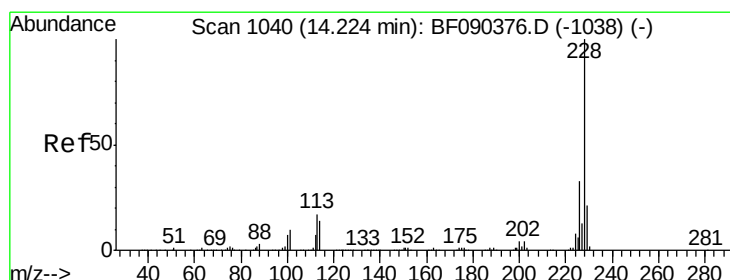
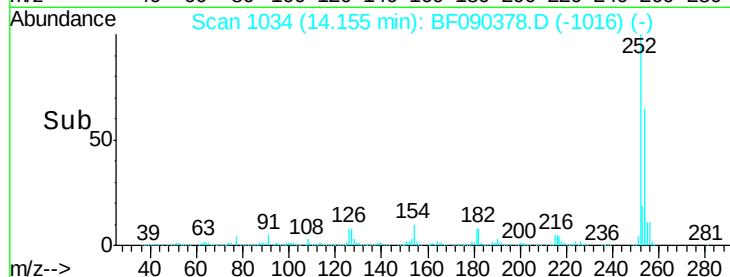
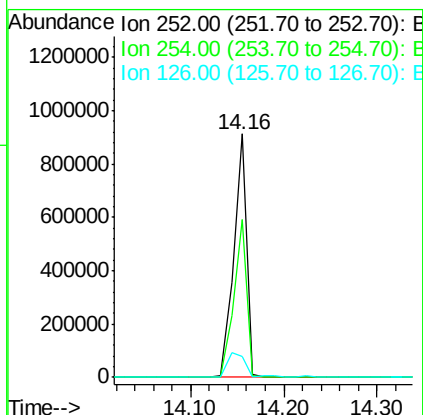
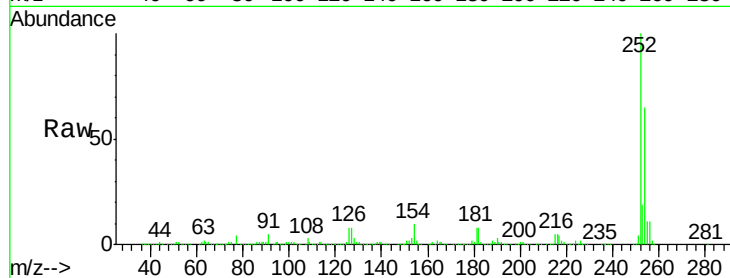




#81
 3,3'-Dichlorobenzidine
 Concen: 66.82 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

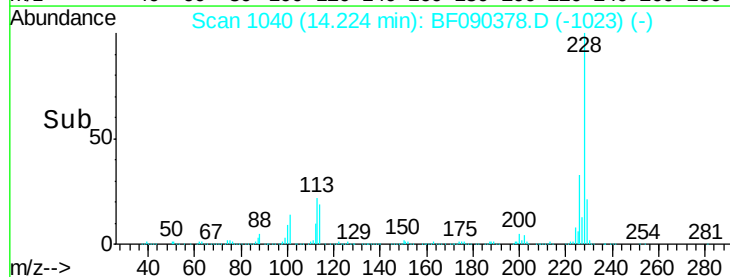
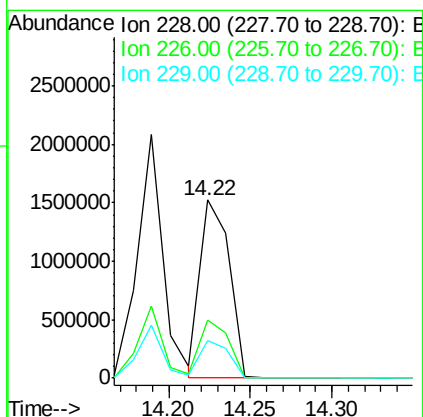
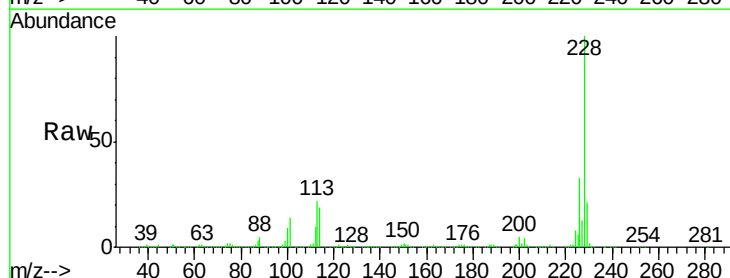
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

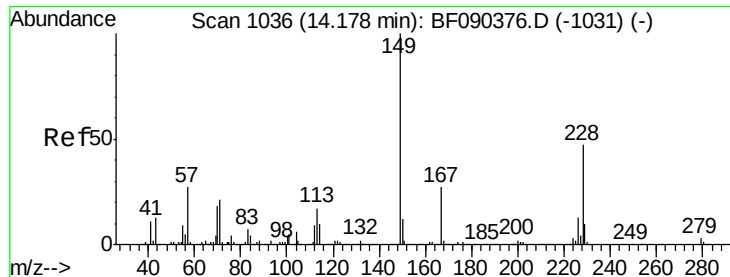
Tgt Ion:252 Resp: 891967
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.1 78.1
 126 8.5 4.2 6.4#



#82
 Chrysene
 Concen: 52.64 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:228 Resp: 1911529
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.8 38.6
 229 21.2 16.9 25.3

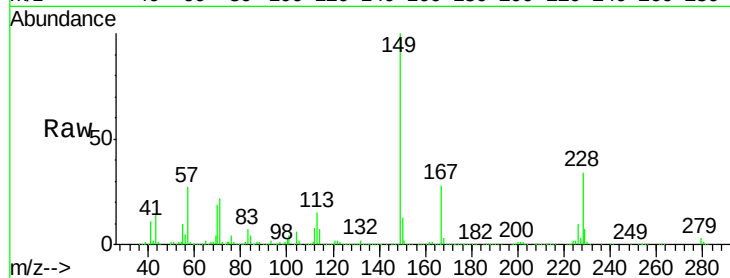




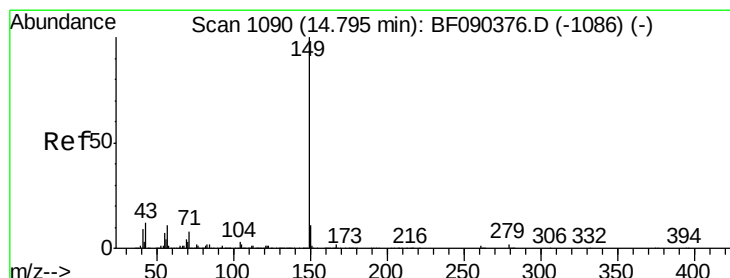
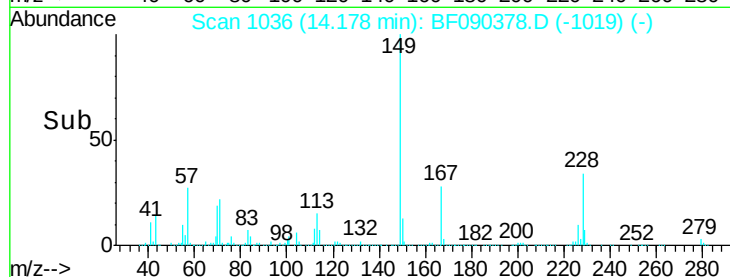
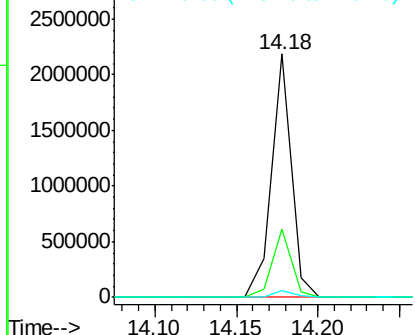
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.04 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:149 Resp: 1870142
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.5 32.3
 279 2.8 2.6 3.8

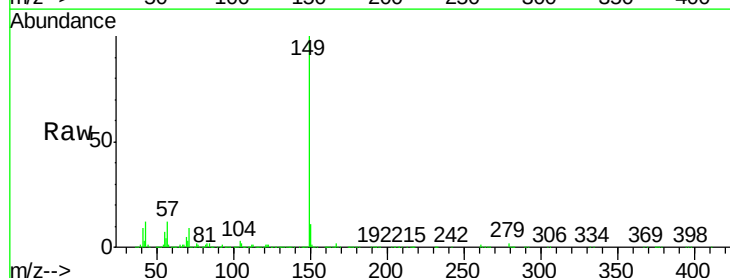


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

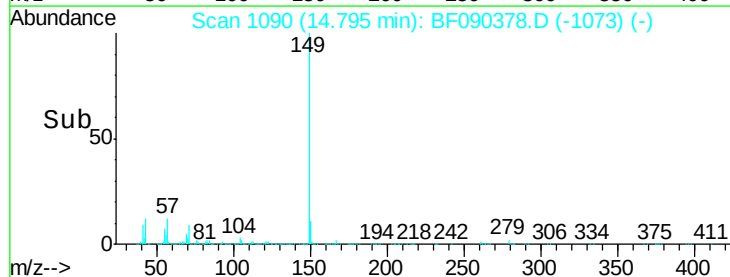
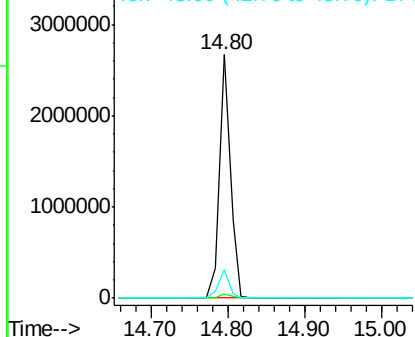


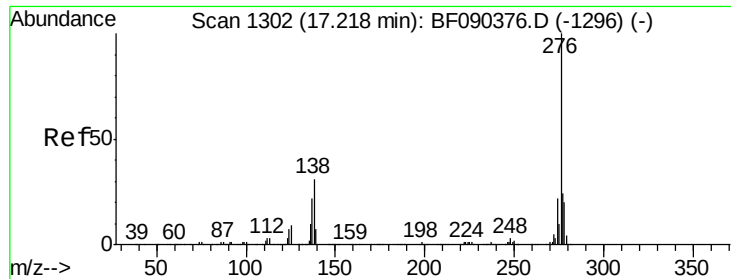
#84
 Di-n-octyl phthalate
 Concen: 65.49 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:149 Resp: 2654634
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.8 11.8 17.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.62 ng

RT: 17.23 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

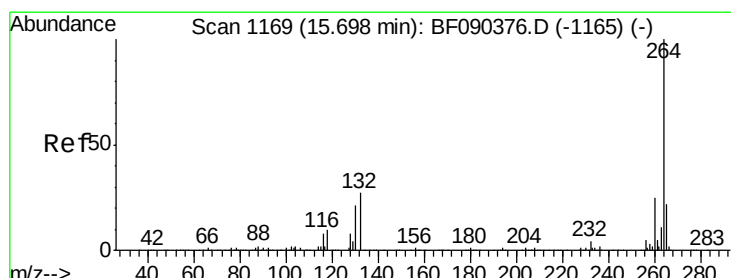
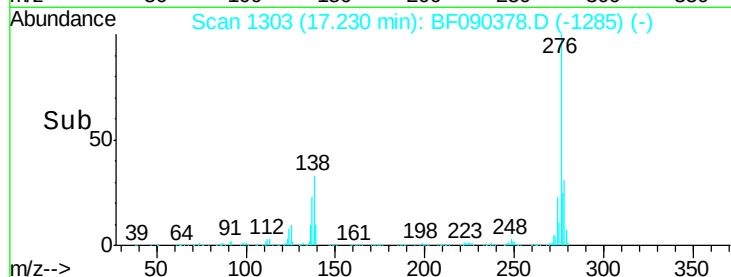
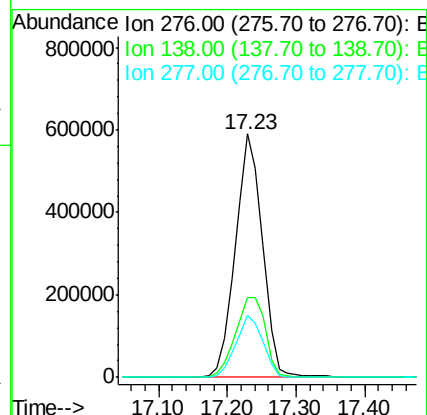
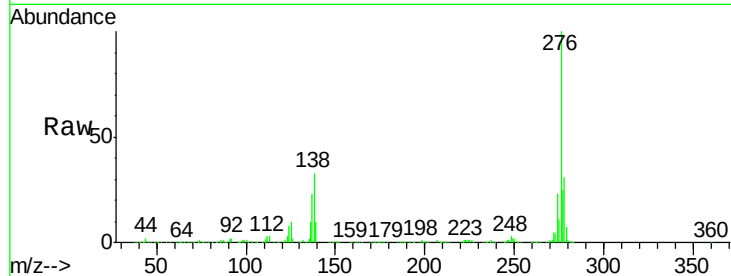
Tgt Ion:276 Resp: 1624382

Ion Ratio Lower Upper

276 100

138 36.3 23.8 35.8#

277 25.6 20.4 30.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.70 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

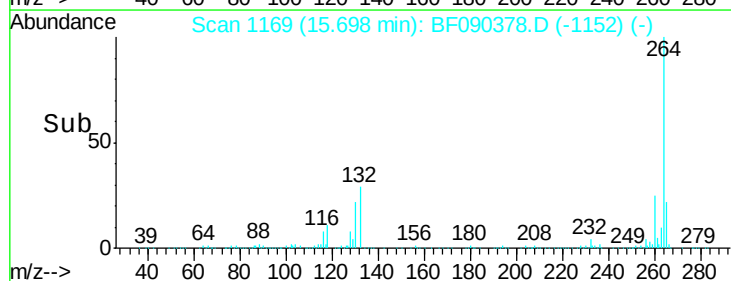
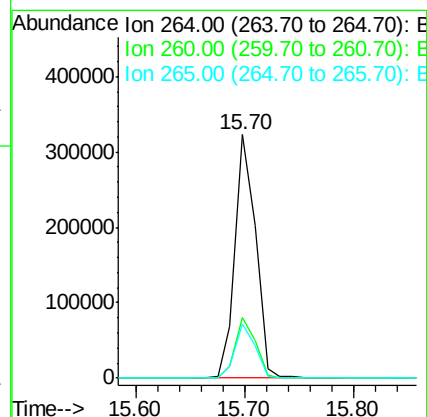
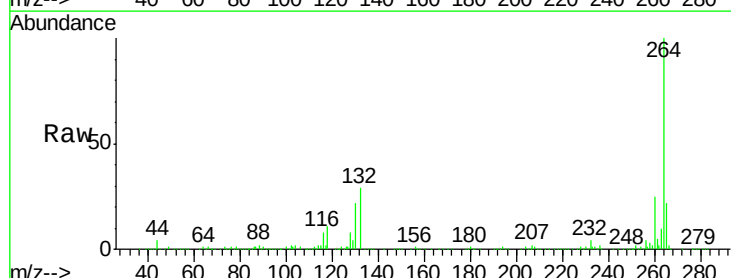
Tgt Ion:264 Resp: 422416

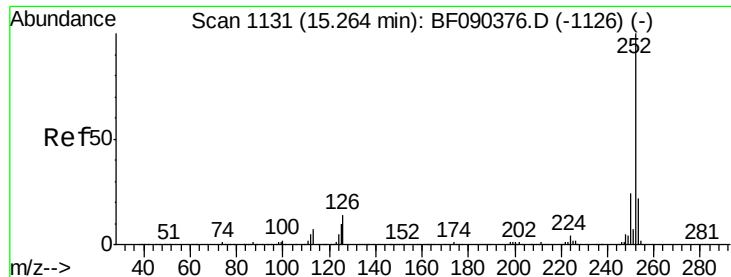
Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 67.97 ng

RT: 15.30 min Scan# 1134

Delta R.T. 0.03 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

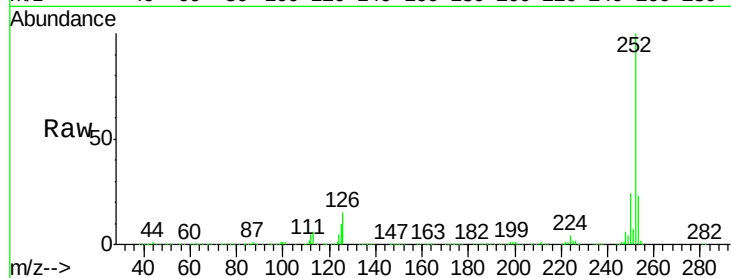
Tgt Ion:252 Resp: 1651151

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

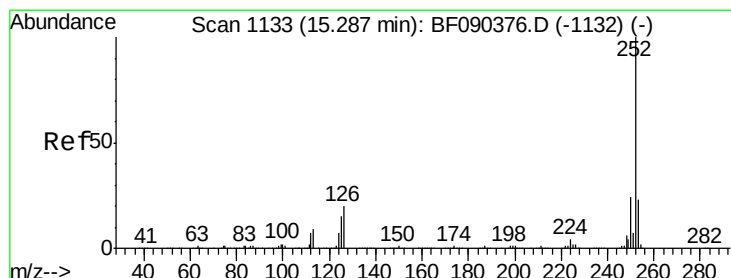
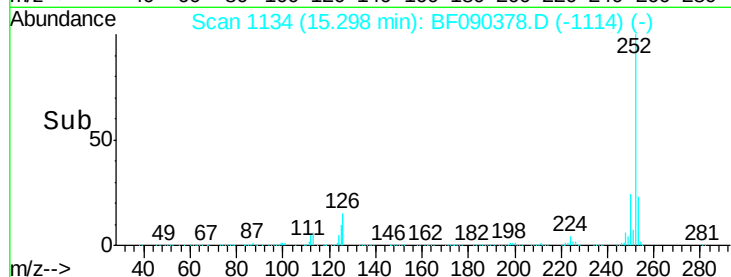
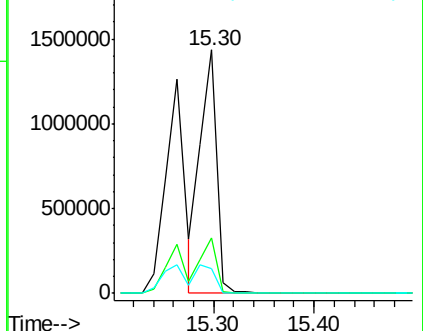
125 10.4 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 70.52 ng

RT: 15.26 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

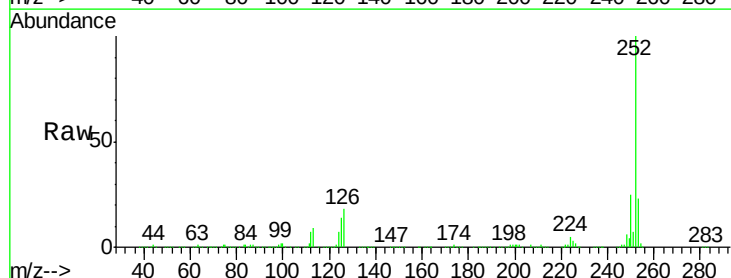
Tgt Ion:252 Resp: 1636308

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

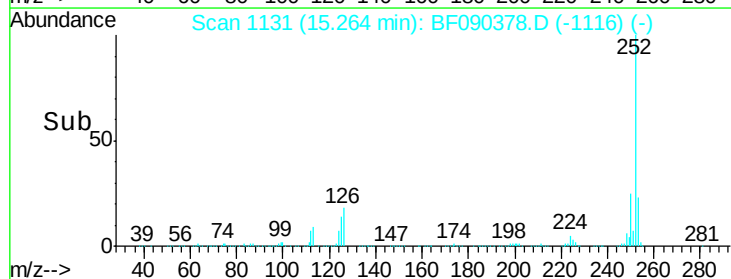
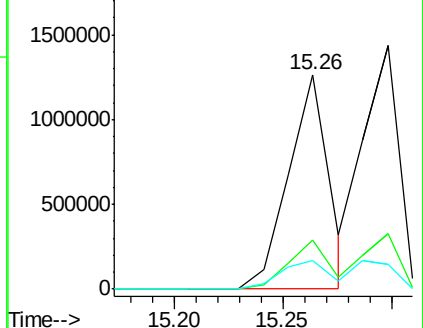
125 13.5 11.7 17.5

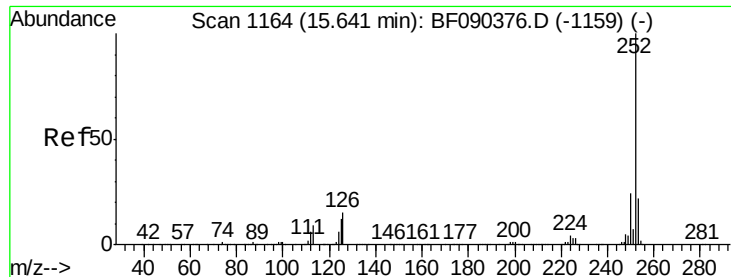


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

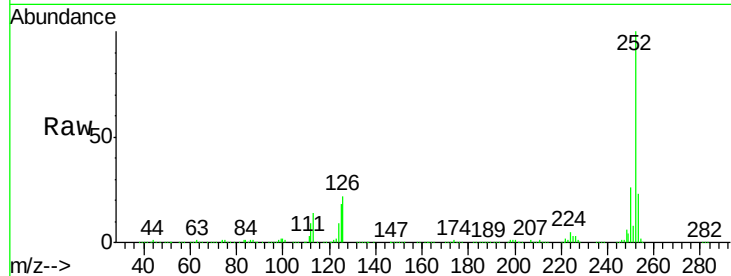




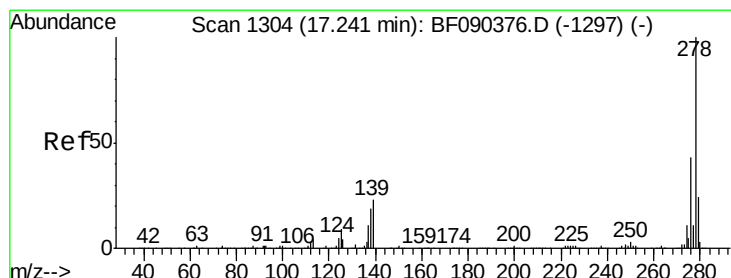
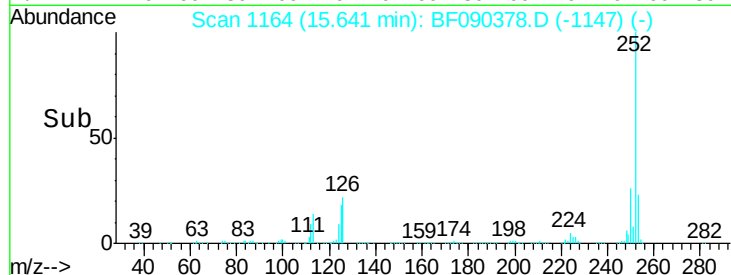
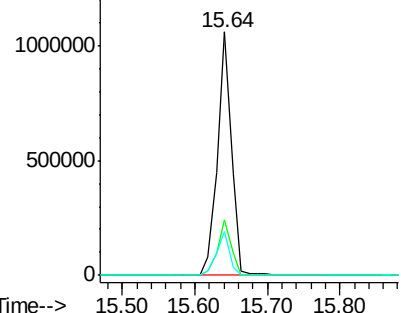
#89
Benzo(a)pyrene
Concen: 64.51 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:252 Resp: 1429354
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 17.9 9.8 14.8#

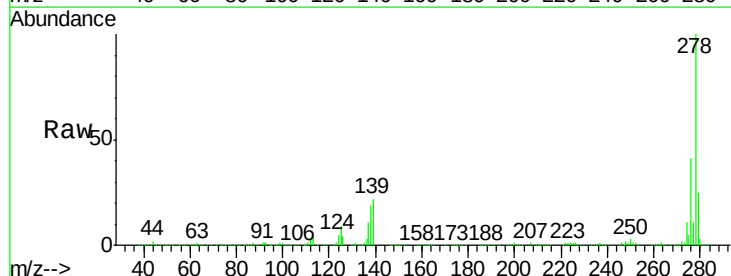


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

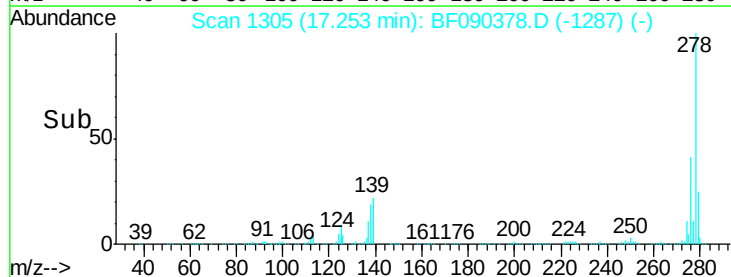
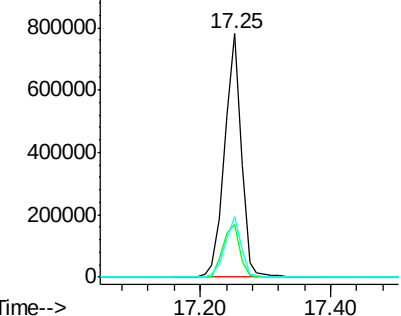


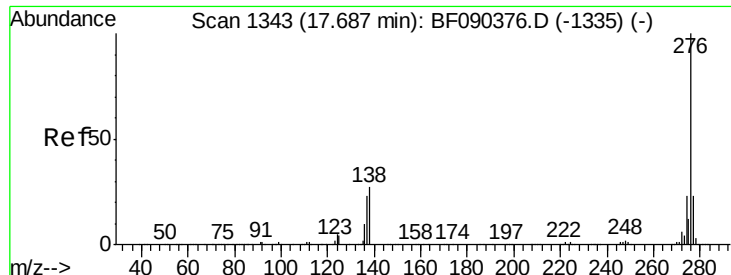
#90
Dibenzo(a,h)anthracene
Concen: 62.84 ng
RT: 17.25 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:278 Resp: 1365227
Ion Ratio Lower Upper
278 100
139 21.8 12.8 19.2#
279 24.7 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: 61.67 ng

RT: 17.70 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

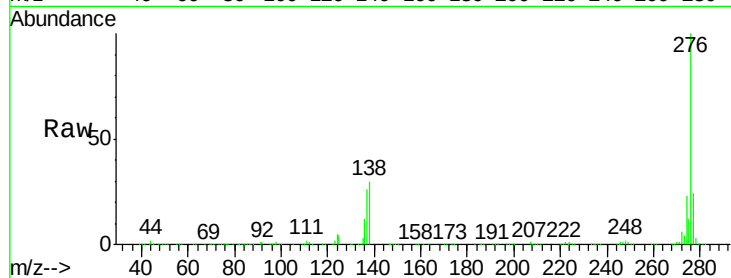
Tgt Ion: 276 Resp: 1312307

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 30.2 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

