

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084961.D
 Acq On : 9 Feb 2016 19:30
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 10 03:25:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	188670	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	813629	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	382722	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	699571	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	479328	20.00	ng	-0.06
86) Perylene-d12	15.14	264	386226	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	984704	81.29	ng	-0.06
7) Phenol-d6	6.29	99	1102237	73.40	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1100002	76.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	324314	81.24	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1701533	70.83	ng	-0.06
78) Terphenyl-d14	12.74	244	1850452	87.48	ng	-0.06

Target Compounds						Qvalue
3) Pyridine	2.74	79	559790	40.49	ng	# 75
4) n-Nitrosodimethylamine	2.69	42	279847	39.14	ng	79
6) Aniline	6.30	93	737539	40.14	ng	# 62
8) 2-Chlorophenol	6.42	128	520621	37.97	ng	90
9) Benzaldehyde	6.18	77	320490	36.14	ng	98
10) Phenol	6.30	94	585228	34.79	ng	# 72
11) bis(2-Chloroethyl)ether	6.38	93	558825	42.60	ng	88
12) 1,3-Dichlorobenzene	6.57	146	552825	38.16	ng	# 90
13) 1,4-Dichlorobenzene	6.65	146	559521	38.64	ng	97
14) 1,2-Dichlorobenzene	6.81	146	547549	40.60	ng	99
15) Benzyl Alcohol	6.80	79	421384	40.64	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	864644	39.18	ng	88
17) 2-Methylphenol	6.92	107	431775	39.82	ng	# 88
18) Hexachloroethane	7.15	117	223160	40.02	ng	# 89
19) n-Nitroso-di-n-propylamine	7.07	70	353061	37.51	ng	# 74
20) 3+4-Methylphenols	7.07	107	524153	38.94	ng	# 79
22) Acetophenone	7.06	105	756695	35.29	ng	# 99
24) Nitrobenzene	7.23	77	575356	37.20	ng	97
25) Isophorone	7.48	82	1036048	36.89	ng	# 94
26) 2-Nitrophenol	7.55	139	319802	41.92	ng	96
27) 2,4-Dimethylphenol	7.60	122	469338	35.37	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	564511	33.88	ng	99
29) 2,4-Dichlorophenol	7.79	162	405576	35.72	ng	95
30) 1,2,4-Trichlorobenzene	7.87	180	474583	37.01	ng	96
31) Naphthalene	7.95	128	1556770	38.14	ng	100
32) Benzoic acid	7.76	122	372009	43.83	ng	92
33) 4-Chloroaniline	8.01	127	667730	39.56	ng	96
34) Hexachlorobutadiene	8.06	225	249857	33.79	ng	98
35) Caprolactam	8.40	113	130343	37.25	ng	# 55
36) 4-Chloro-3-methylphenol	8.50	107	460739	35.57	ng	94
37) 2-Methylnaphthalene	8.64	142	927449	36.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	467627	38.47	ng	99
40) Hexachlorocyclopentadiene	8.80	237	166200	39.44	ng	96
42) 2,4,6-Trichlorophenol	8.92	196	296109	37.81	ng	96

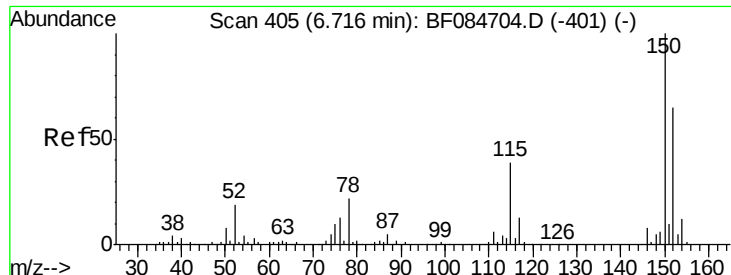
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	310604	39.04	ng	94
45) 1,1'-Biphenyl	9.10	154	1321013	38.64	ng	99
46) 2-Chloronaphthalene	9.13	162	989627	39.31	ng	# 90
47) 2-Nitroaniline	9.23	65	337634	42.36	ng	# 88
48) Acenaphthylene	9.54	152	1486678	38.92	ng	98
49) Dimethylphthalate	9.41	163	1026101	35.20	ng	# 90
50) 2,6-Dinitrotoluene	9.47	165	231539	36.36	ng	# 48
51) Acenaphthene	9.71	154	970631	39.05	ng	97
52) 3-Nitroaniline	9.64	138	256422	35.83	ng	90
53) 2,4-Dinitrophenol	9.76	184	101105	37.71	ng	# 80
54) Dibenzofuran	9.88	168	1183052	38.95	ng	97
55) 4-Nitrophenol	9.82	139	192461	36.60	ng	85
56) 2,4-Dinitrotoluene	9.88	165	317654	39.11	ng	# 86
57) Fluorene	10.22	166	1011633	39.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	222646	36.76	ng	89
59) Diethylphthalate	10.11	149	1074489	37.75	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	406721	36.85	ng	92
61) 4-Nitroaniline	10.26	138	297661	42.69	ng	86
62) Azobenzene	10.37	77	1013410	37.03	ng	89
64) 4,6-Dinitro-2-methylphenol	10.28	198	167762	38.85	ng	# 57
65) n-Nitrosodiphenylamine	10.34	169	827368	37.25	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	315301	40.81	ng	# 91
67) Hexachlorobenzene	10.76	284	301674	35.83	ng	# 87
68) Atrazine	10.88	200	303331	43.24	ng	95
69) Pentachlorophenol	10.97	266	127444	32.21	ng	98
70) Phenanthrene	11.17	178	1344763	34.66	ng	97
71) Anthracene	11.23	178	1581539	40.45	ng	100
72) Carbazole	11.39	167	1395652	40.94	ng	98
73) Di-n-butylphthalate	11.72	149	1530831	35.27	ng	# 96
74) Fluoranthene	12.35	202	1474266	37.54	ng	98
76) Benzidine	12.49	184	719912	43.14	ng	99
77) Pyrene	12.58	202	1388562	37.84	ng	99
79) Butylbenzylphthalate	13.22	149	715820	43.00	ng	# 83
80) Benzo(a)anthracene	13.77	228	1191060	40.04	ng	98
81) 3,3'-Dichlorobenzidine	13.75	252	425980	40.44	ng	97
82) Chrysene	13.80	228	1008641	34.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	874599	42.21	ng	# 97
84) Di-n-octyl phthalate	14.39	149	1272176	37.22	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.40	276	923205	40.66	ng	99
87) Benzo(b)fluoranthene	14.80	252	1880151	72.45	ng	99
88) Benzo(k)fluoranthene	14.80	252	1880151	87.63	ng	# 97
89) Benzo(a)pyrene	15.08	252	829068	37.50	ng	# 96
90) Dibenzo(a,h)anthracene	16.41	278	764748	41.09	ng	96
91) Benzo(g,h,i)perylene	16.77	276	802921	42.82	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

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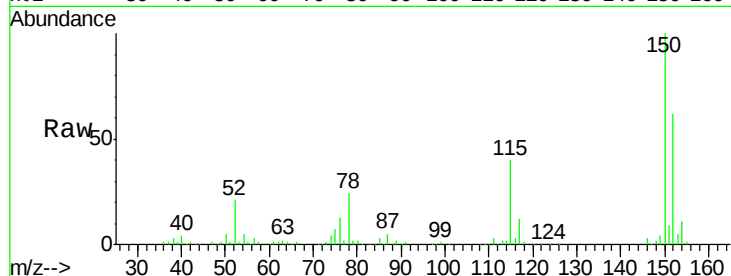
Tgt Ion:152 Resp: 188670

Ion Ratio Lower Upper

152 100

150 161.5 123.0 184.4

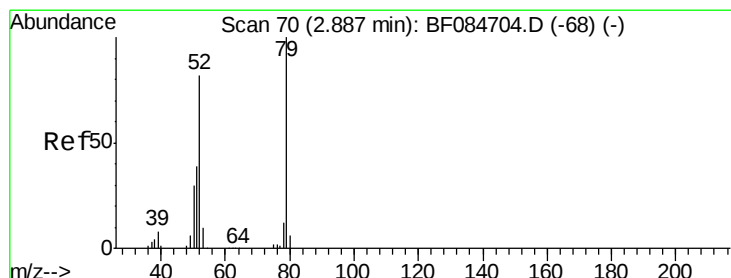
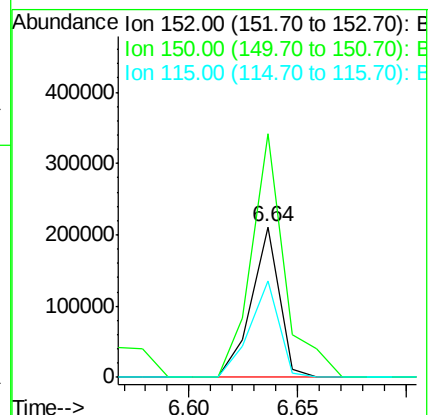
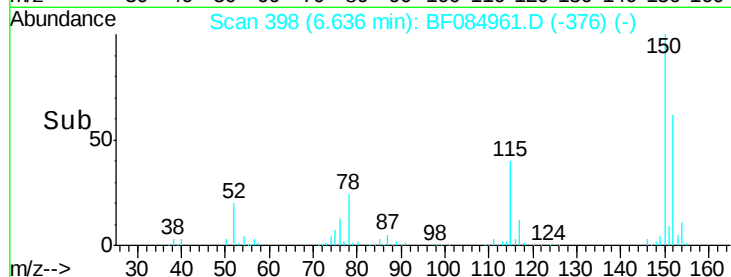
115 63.8 51.4 77.2



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



#3

Pyridine

Concen: 40.49 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.10 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

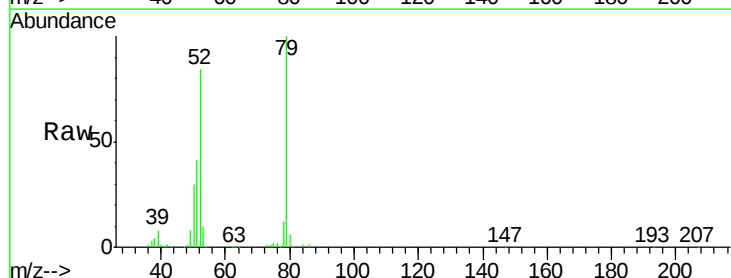
Tgt Ion: 79 Resp: 559790

Ion Ratio Lower Upper

79 100

52 83.8 49.0 73.4#

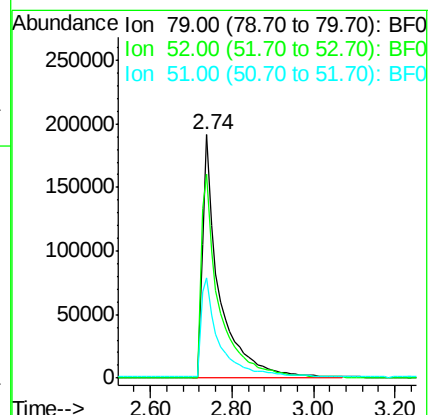
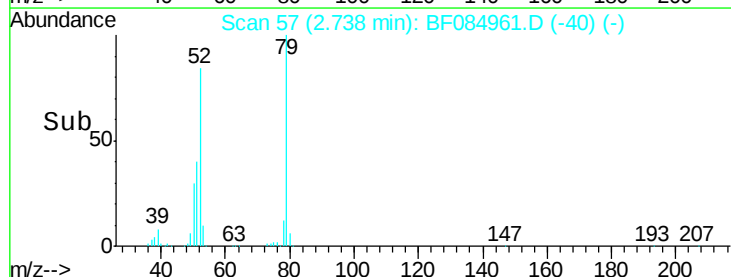
51 41.0 25.2 37.8#

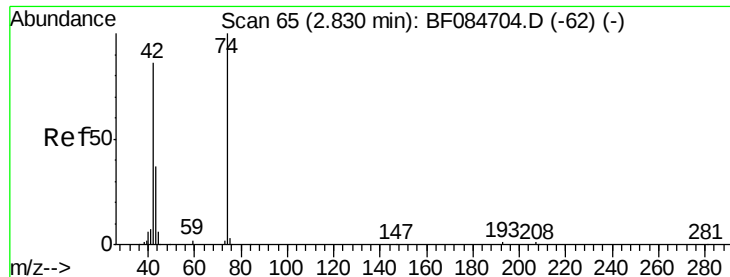


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 39.14 ng

RT: 2.69 min Scan# 53

Delta R.T. -0.10 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

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ClientSampleId :

SSTDCCC040EC

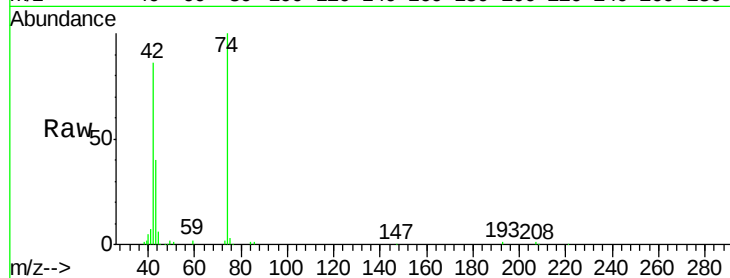
Tgt Ion: 42 Resp: 279847

Ion Ratio Lower Upper

42 100

74 116.9 115.7 173.5

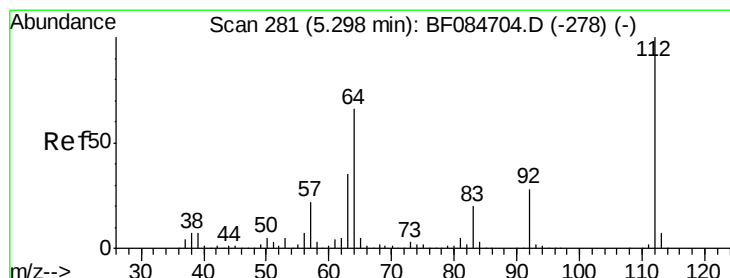
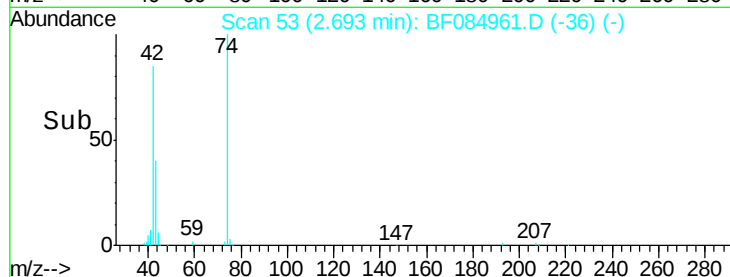
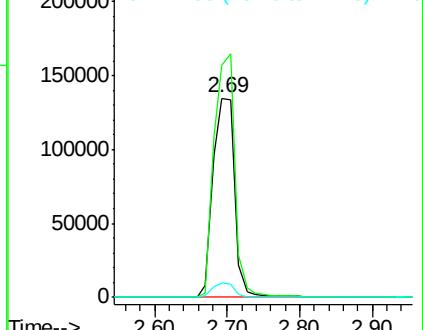
44 7.3 5.1 7.7



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: 81.29 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

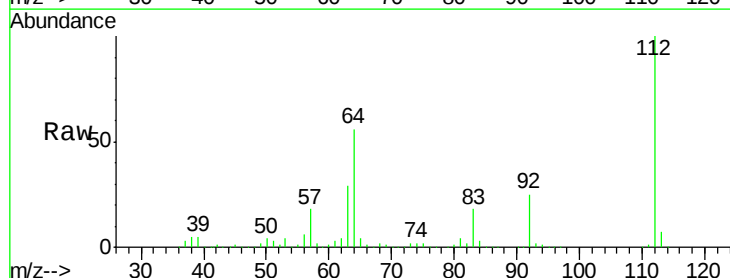
Tgt Ion: 112 Resp: 984704

Ion Ratio Lower Upper

112 100

64 55.8 36.6 55.0#

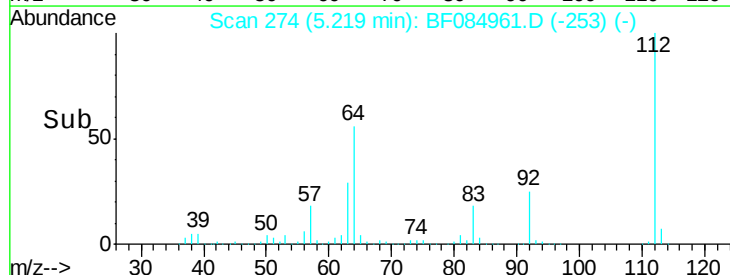
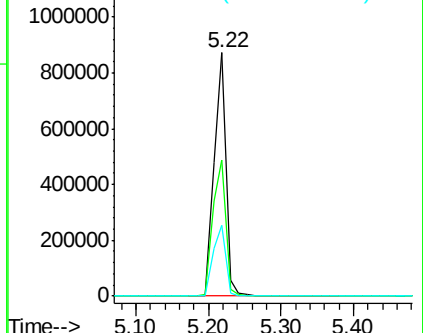
63 29.1 19.4 29.0#

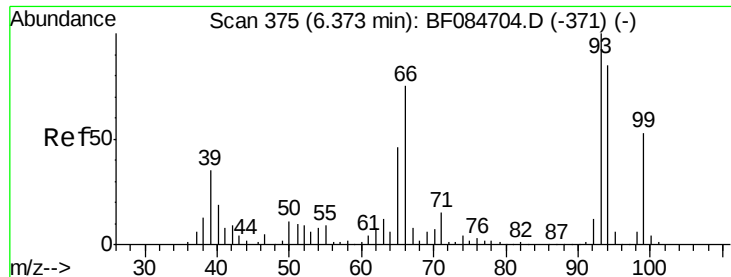


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 40.14 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

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ClientSampleId :

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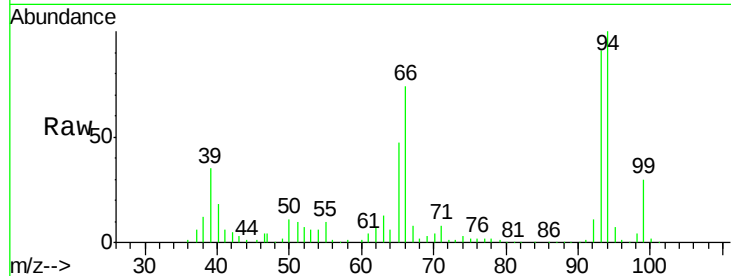
Tgt Ion: 93 Resp: 737539

Ion Ratio Lower Upper

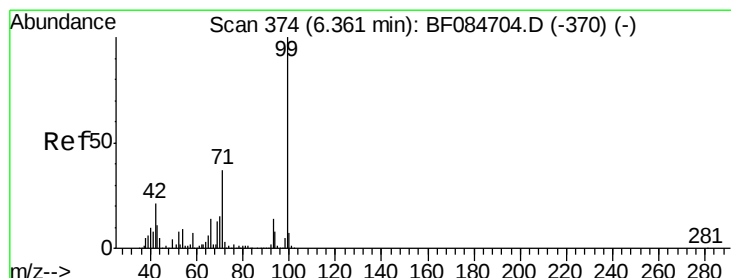
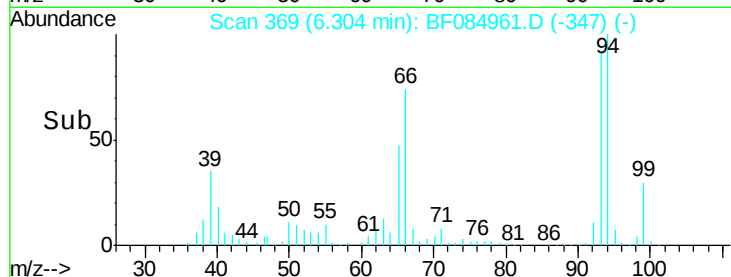
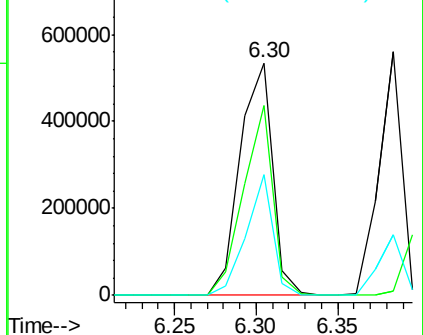
93 100

66 82.0 44.9 67.3#

65 52.0 23.7 35.5#



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: 73.40 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

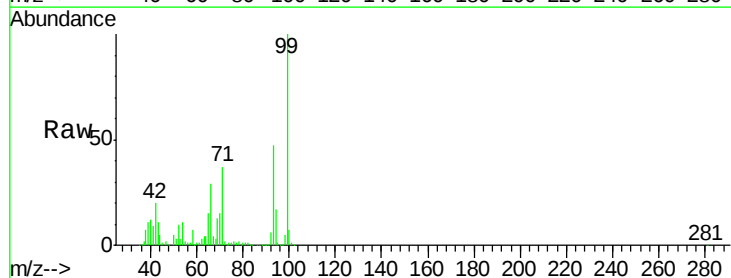
Tgt Ion: 99 Resp: 1102237

Ion Ratio Lower Upper

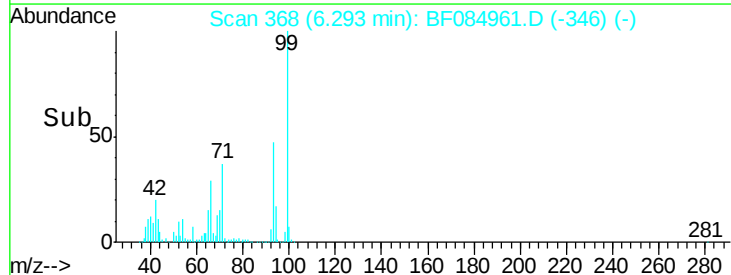
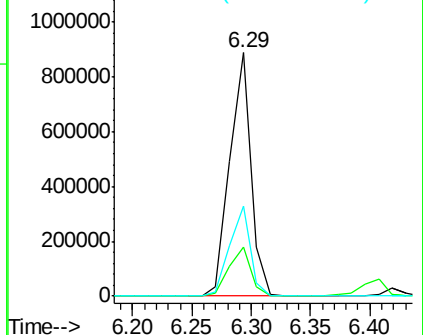
99 100

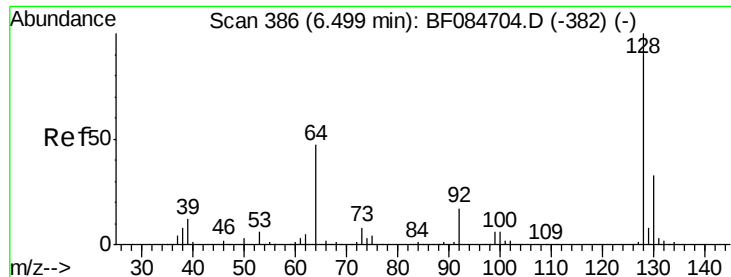
42 20.4 12.8 19.2#

71 36.9 30.9 46.3



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: 37.97 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

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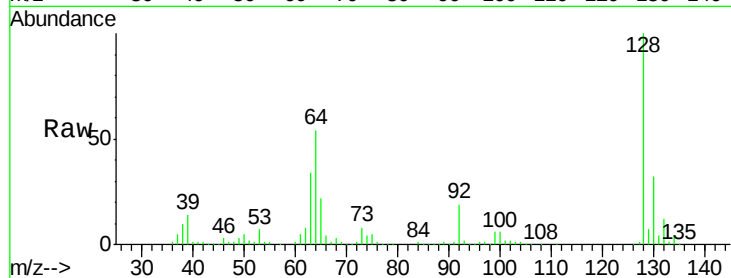
Tgt Ion:128 Resp: 520621

Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

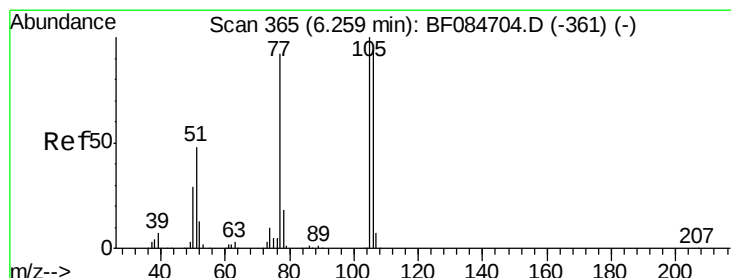
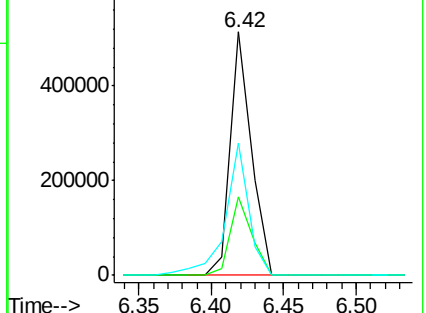
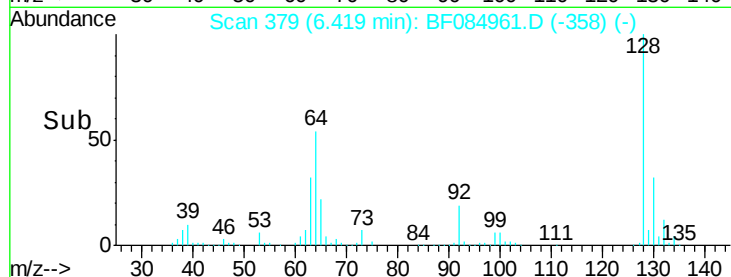
64 54.3 23.8 63.8



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: 36.14 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

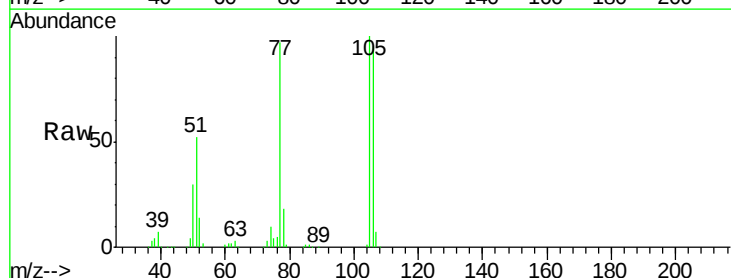
Tgt Ion: 77 Resp: 320490

Ion Ratio Lower Upper

77 100

105 102.9 83.0 123.0

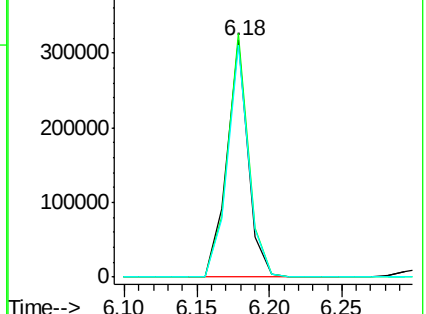
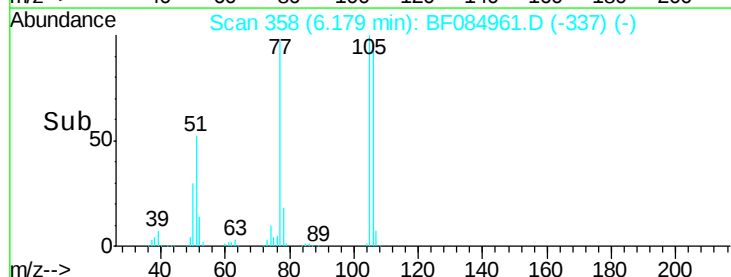
106 97.8 74.6 114.6

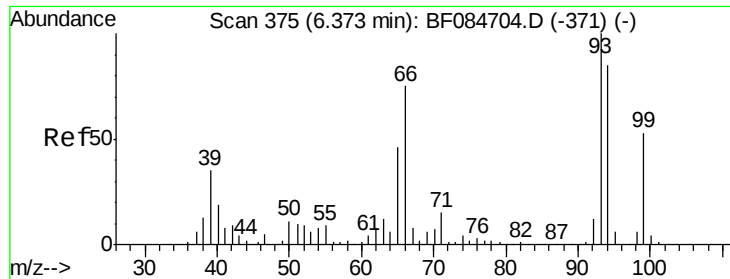


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 34.79 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

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SSTDCCC040EC

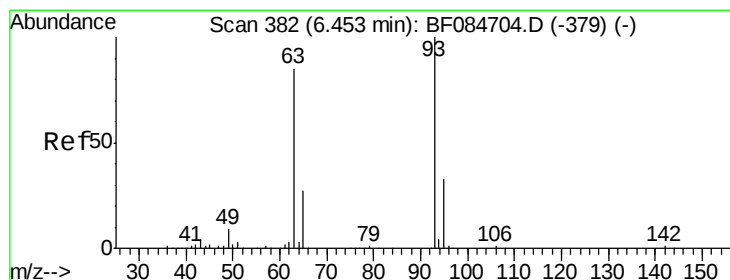
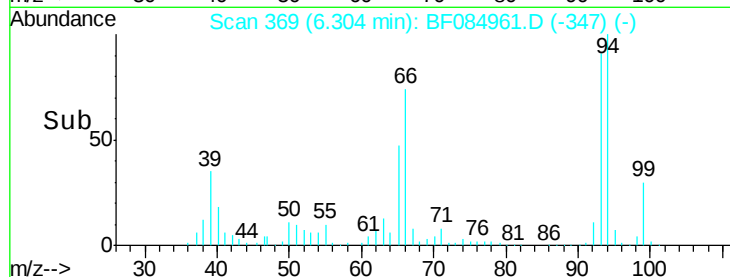
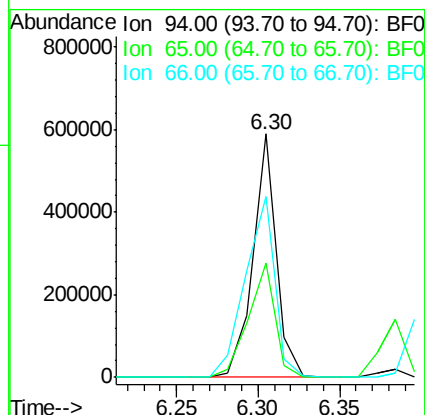
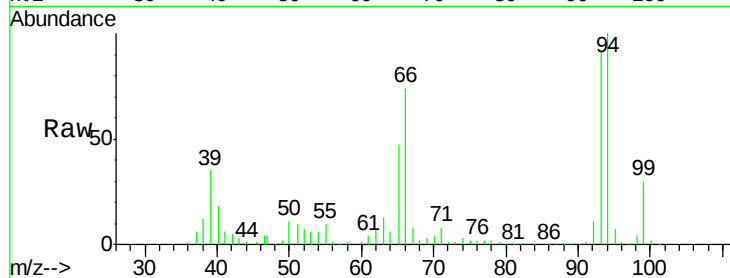
Tgt Ion: 94 Resp: 585228

Ion Ratio Lower Upper

94 100

65 47.1 12.9 52.9

66 74.2 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 42.60 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

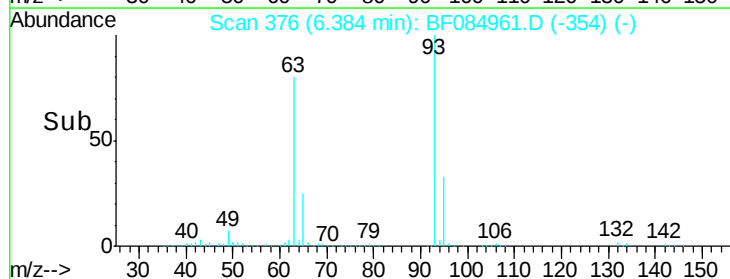
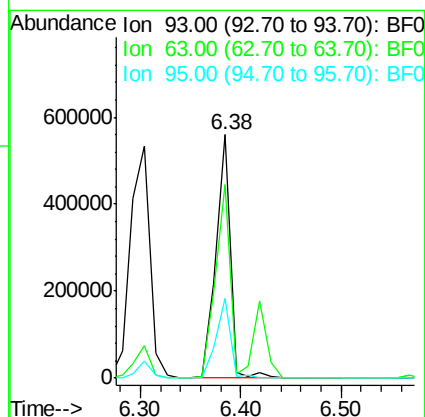
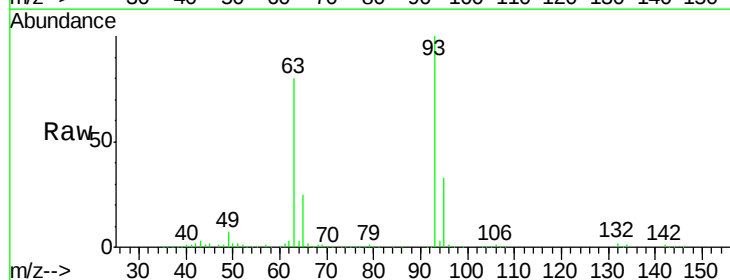
Tgt Ion: 93 Resp: 558825

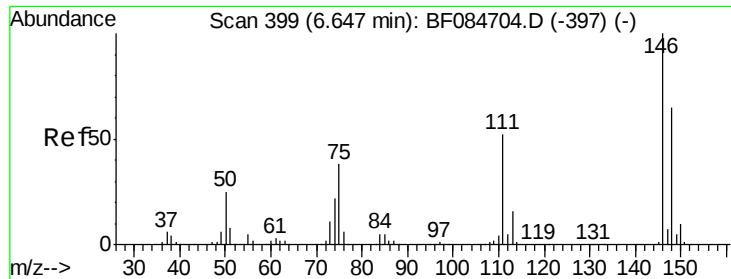
Ion Ratio Lower Upper

93 100

63 79.6 45.9 85.9

95 32.6 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 38.16 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

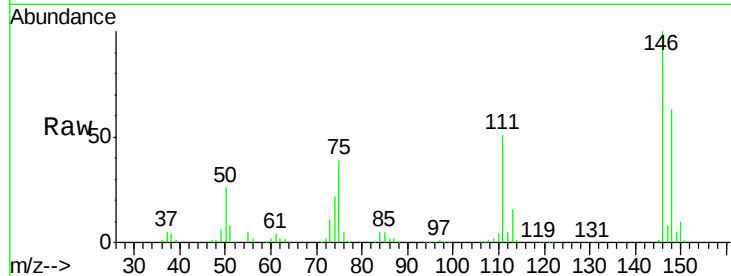
Tgt Ion:146 Resp: 552825

Ion Ratio Lower Upper

146 100

148 62.5 51.9 77.9

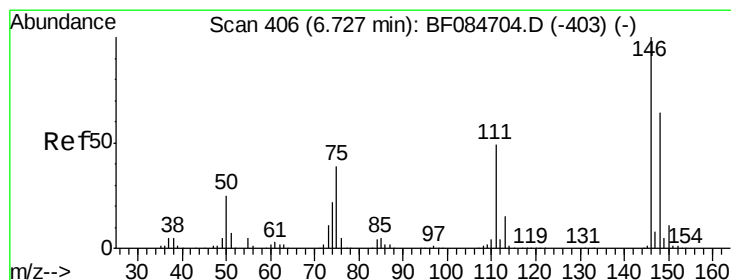
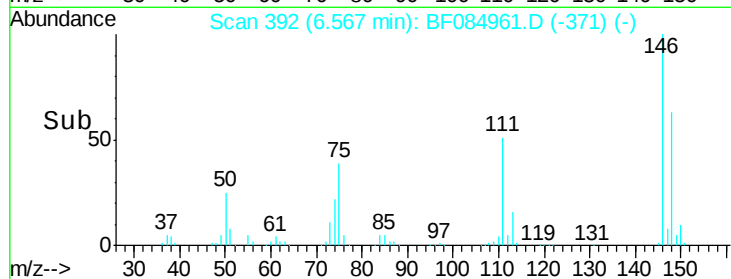
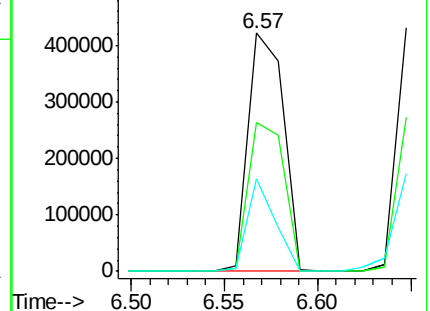
75 39.0 20.5 30.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 38.64 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

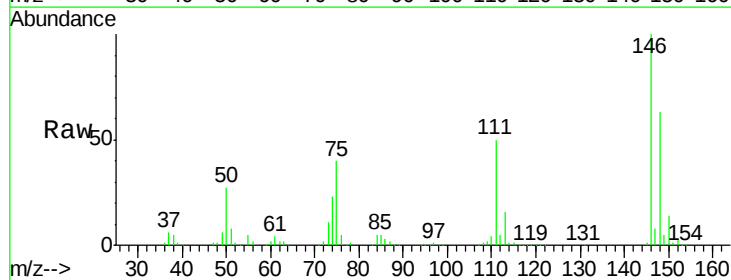
Tgt Ion:146 Resp: 559521

Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

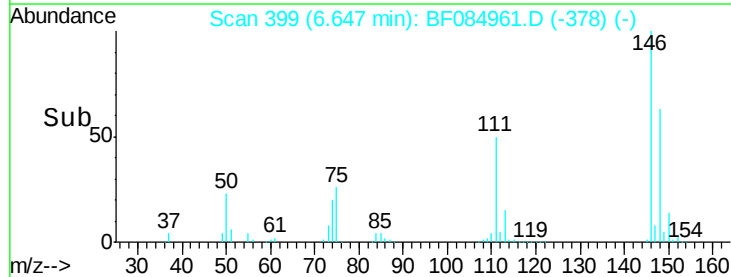
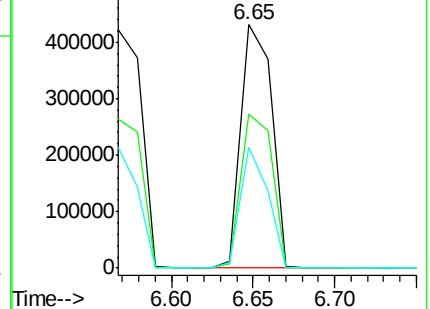
111 49.7 41.6 62.4

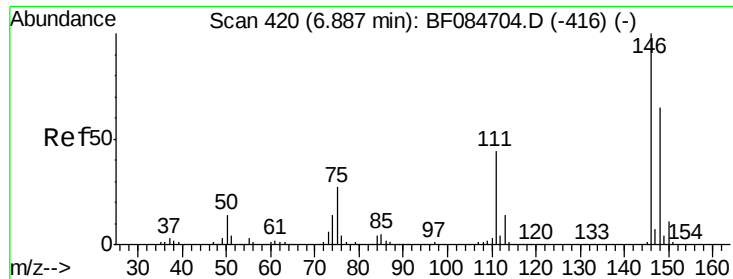


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.60 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

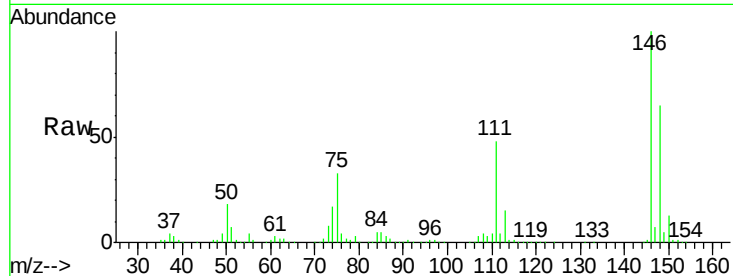
Tgt Ion:146 Resp: 547549

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

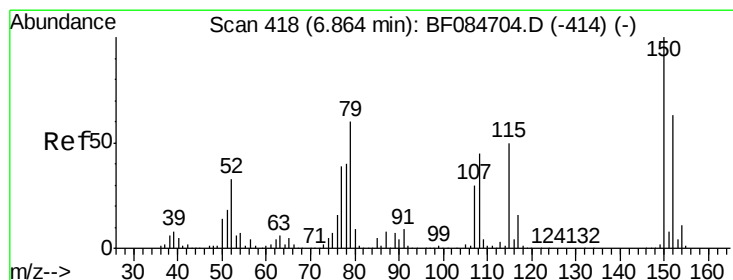
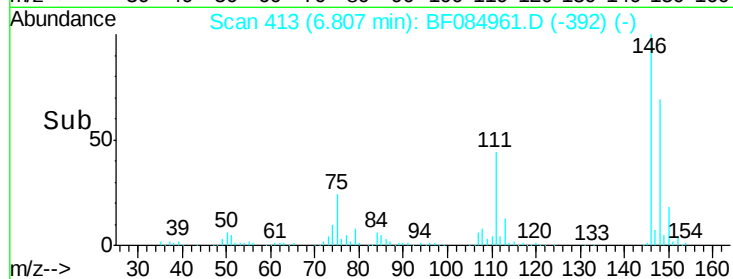
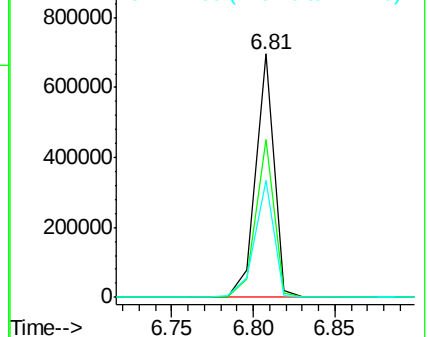
111 47.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

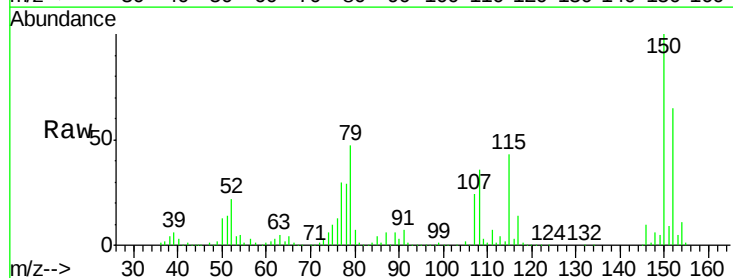
Tgt Ion: 79 Resp: 421384

Ion Ratio Lower Upper

79 100

108 76.1 69.0 103.4

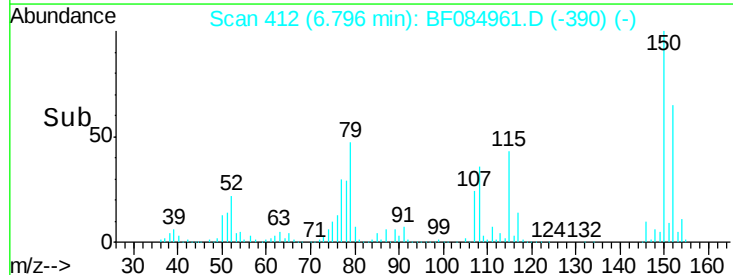
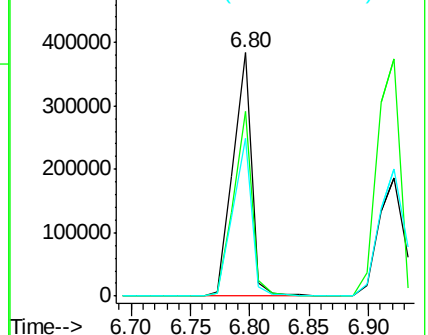
77 64.6 50.0 75.0

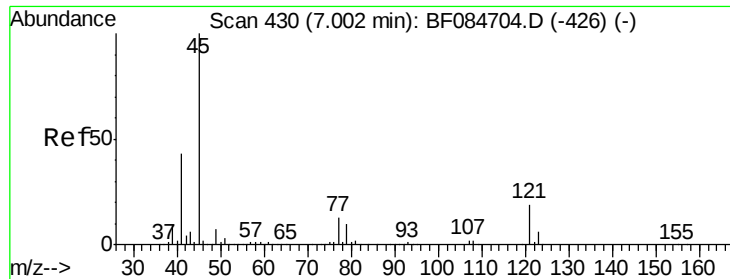


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

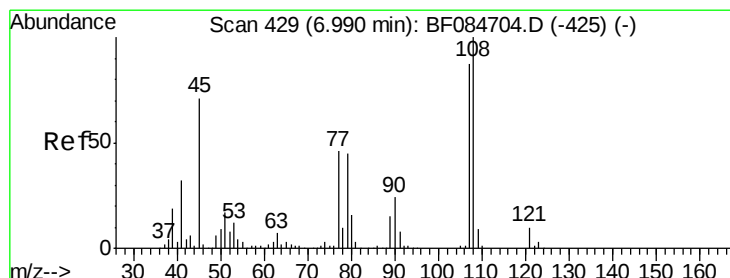
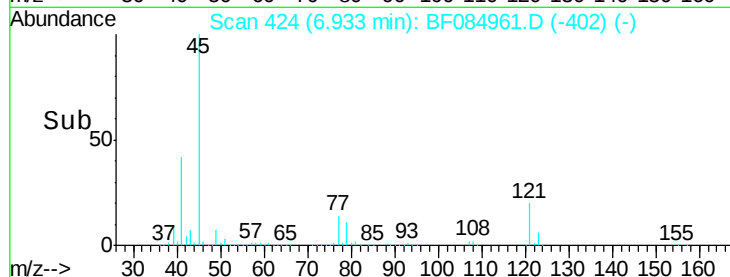
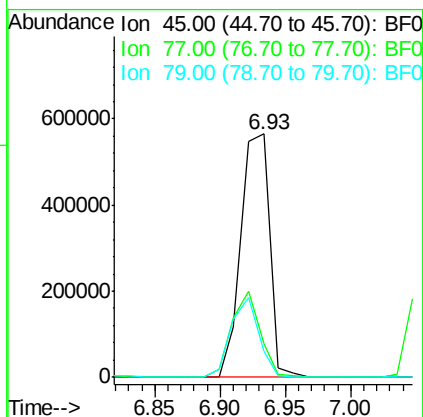
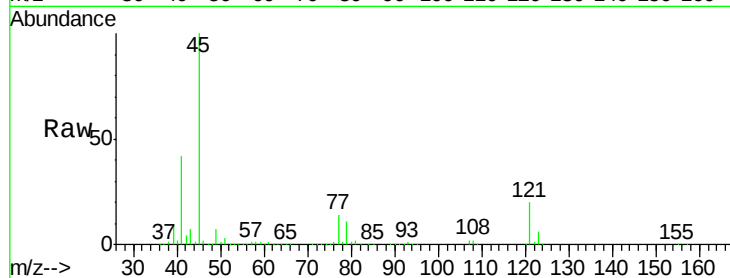




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.18 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

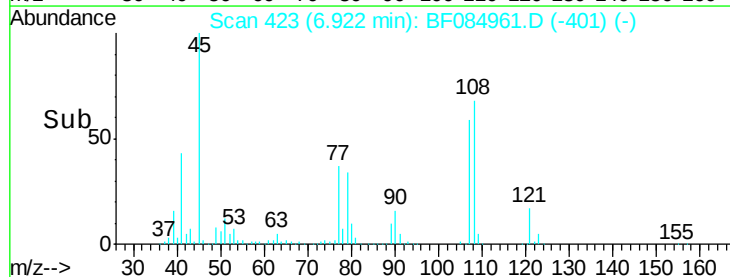
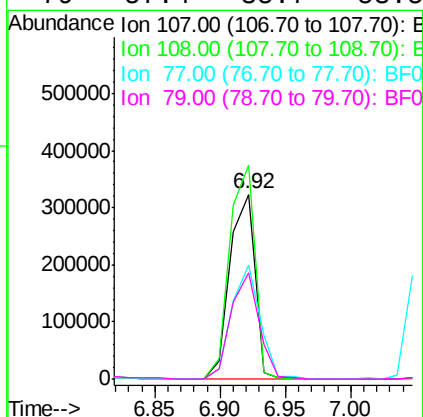
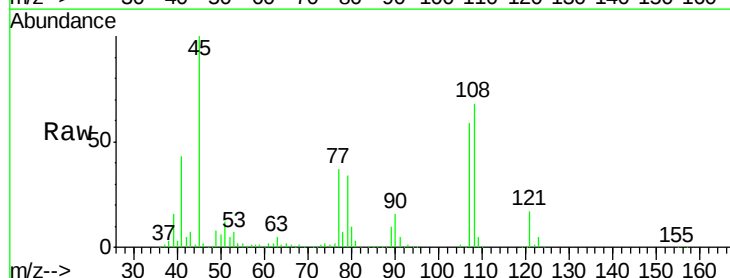
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

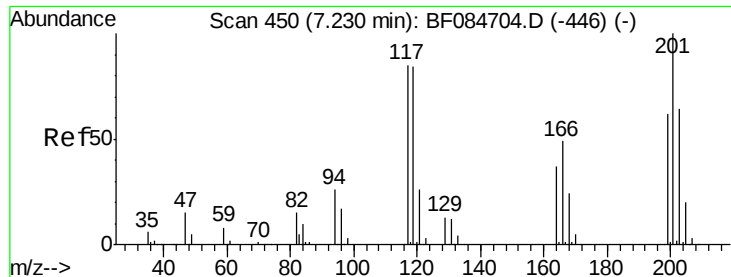
Tgt Ion: 45 Resp: 864644
Ion Ratio Lower Upper
45 100
77 13.6 0.0 39.6
79 10.8 0.0 35.0



#17
2-Methylphenol
Concen: 39.82 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 107 Resp: 431775
Ion Ratio Lower Upper
107 100
108 115.5 89.8 134.6
77 61.9 35.7 53.5#
79 57.4 35.7 53.5#

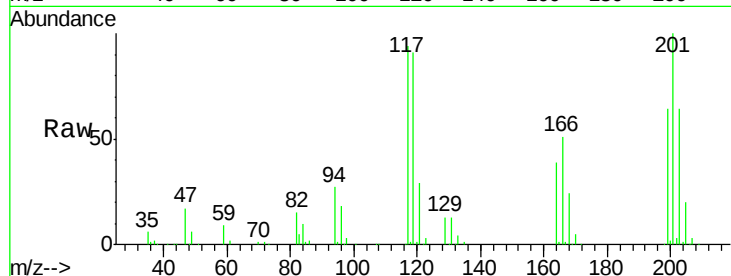




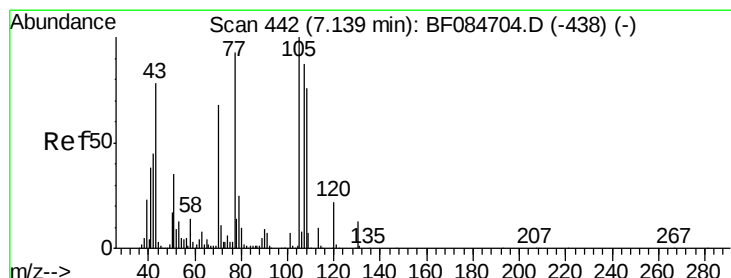
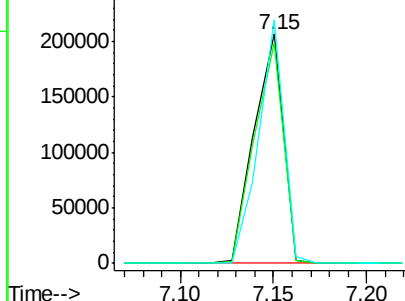
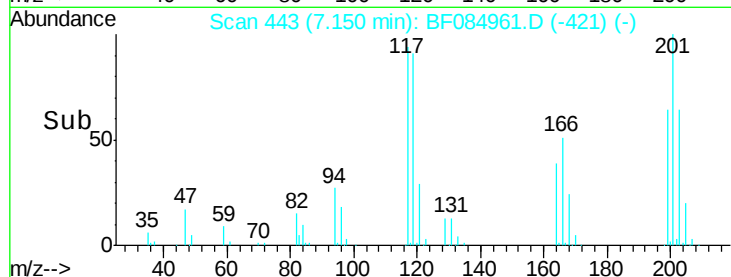
#18
Hexachloroethane
Concen: 40.02 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 117 Resp: 223160
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 106.2 68.6 103.0#

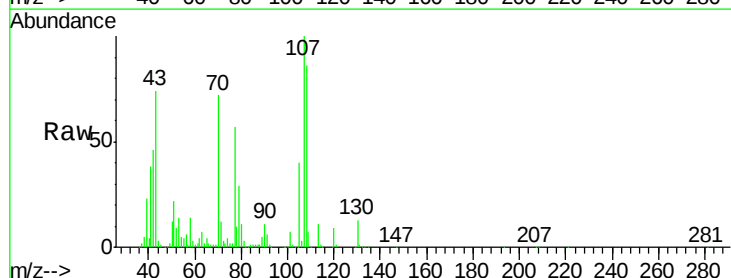


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

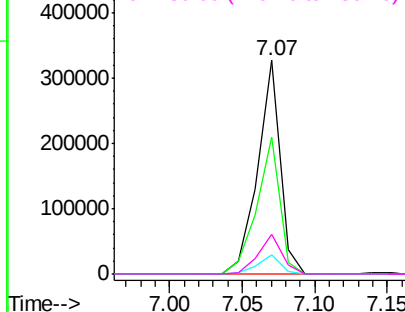
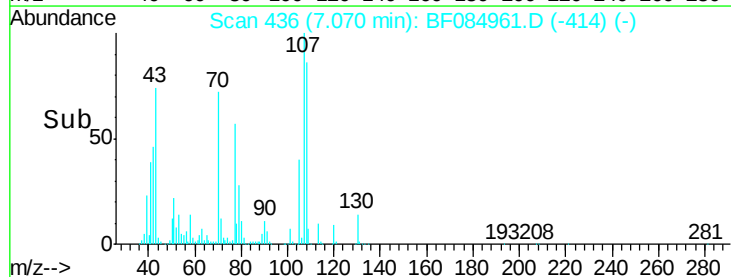


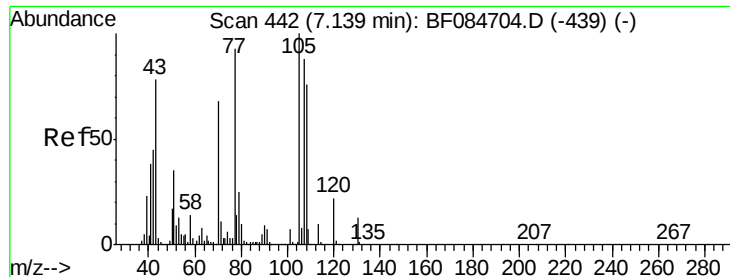
#19
n-Nitroso-di-n-propylamine
Concen: 37.51 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 70 Resp: 353061
Ion Ratio Lower Upper
70 100
42 64.1 33.3 49.9#
101 9.2 9.3 13.9#
130 18.8 23.4 35.0#



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: 38.94 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 524153

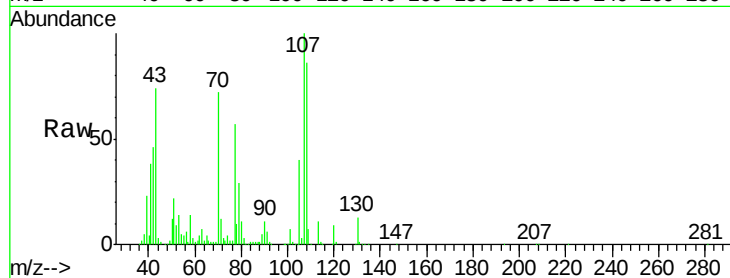
Ion Ratio Lower Upper

107 100

108 86.4 74.6 114.6

77 57.4 0.7 40.7#

79 28.8 0.0 39.0

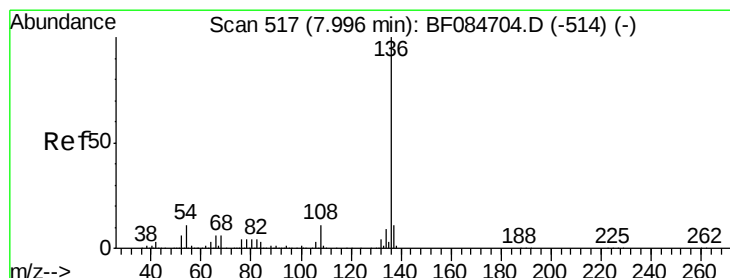
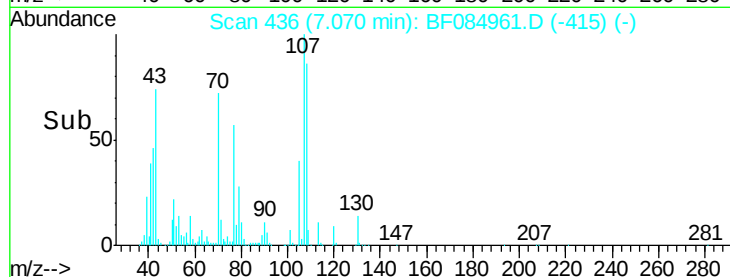
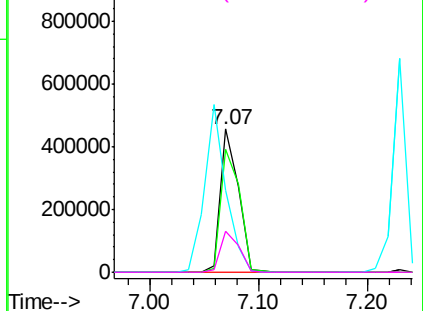


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:136 Resp: 813629

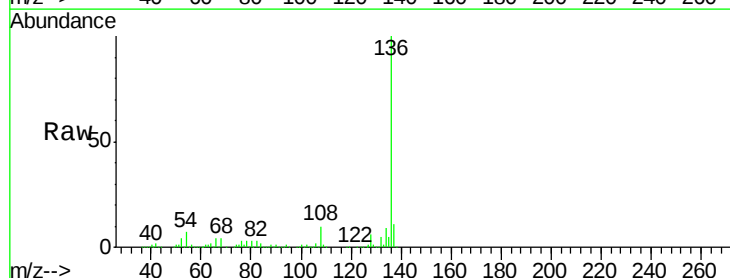
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.1 5.8 8.8

68 4.2 4.2 6.2

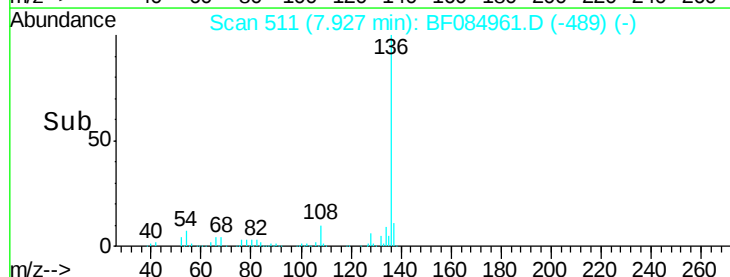
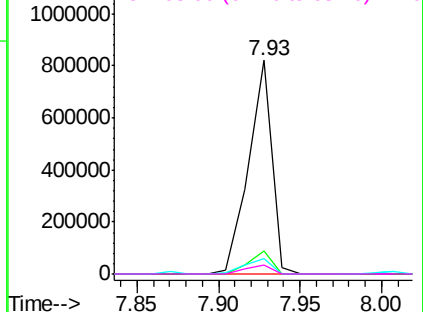


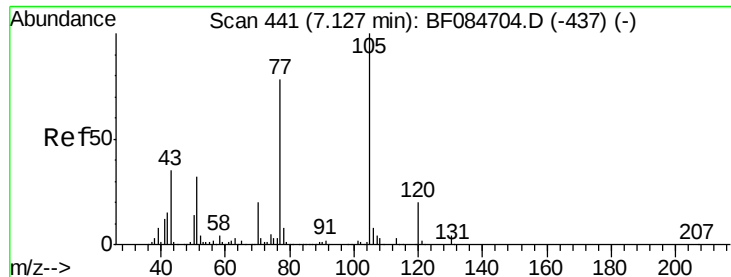
Abundance Ion 136.00 (135.70 to 136.70): E

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

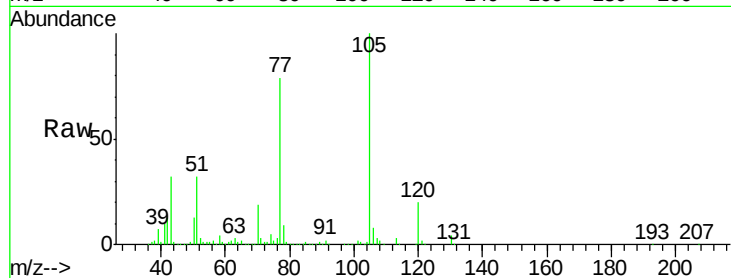




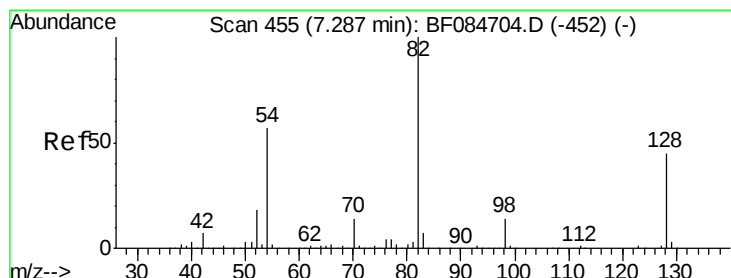
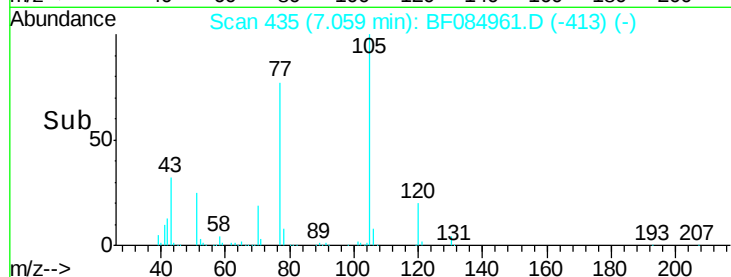
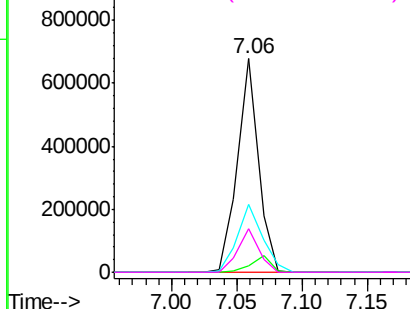
#22
Acetophenone
Concen: 35.29 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:105 Resp: 756695
Ion Ratio Lower Upper
105 100
71 3.1 3.7 5.5#
51 31.8 25.1 37.7
120 20.5 16.6 25.0

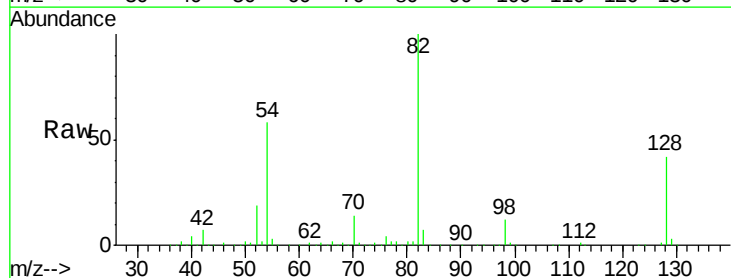


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

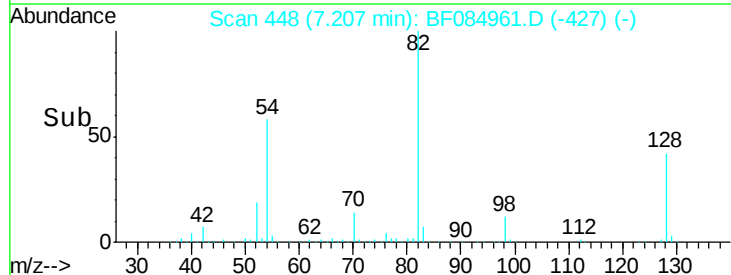
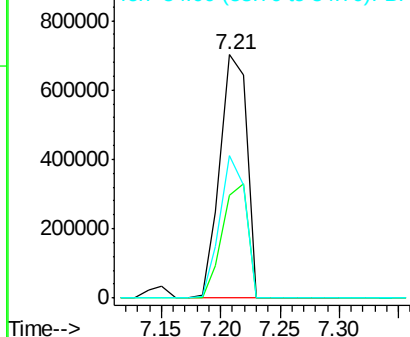


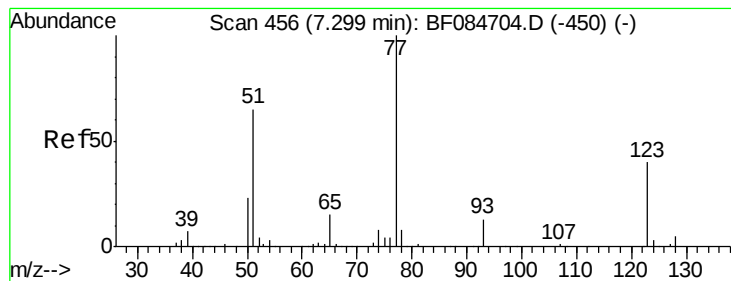
#23
Nitrobenzene-d5
Concen: 76.16 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 82 Resp: 1100002
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 58.4 38.4 57.6#



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





#24

Nitrobenzene

Concen: 37.20 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

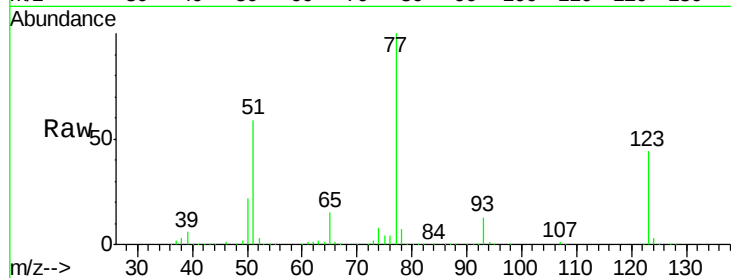
Tgt Ion: 77 Resp: 575356

Ion Ratio Lower Upper

77 100

123 44.3 37.4 56.2

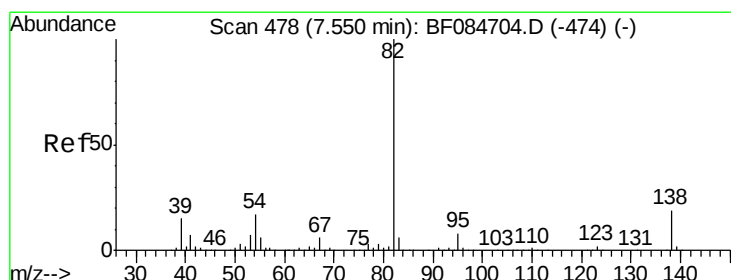
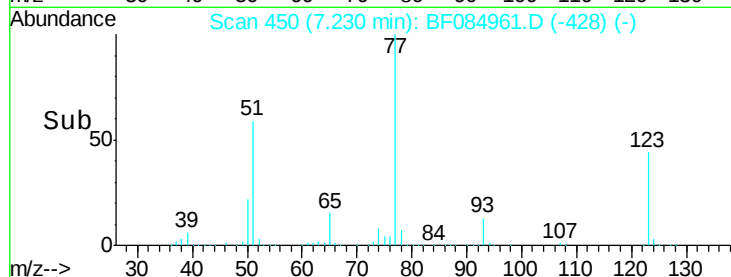
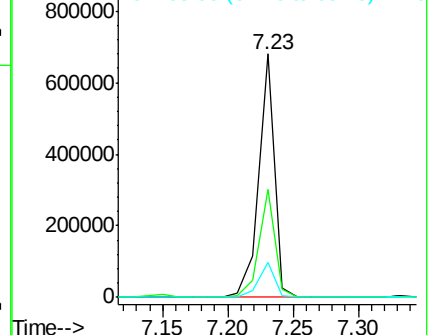
65 14.6 10.9 16.3



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: 36.89 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

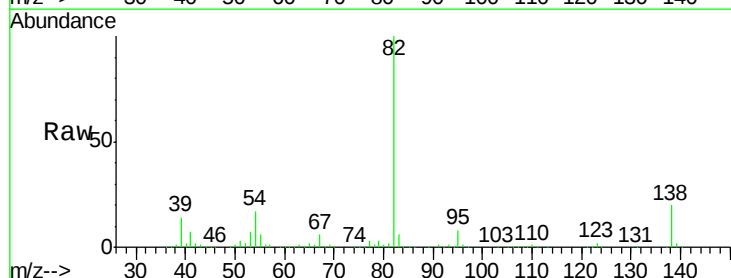
Tgt Ion: 82 Resp: 1036048

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

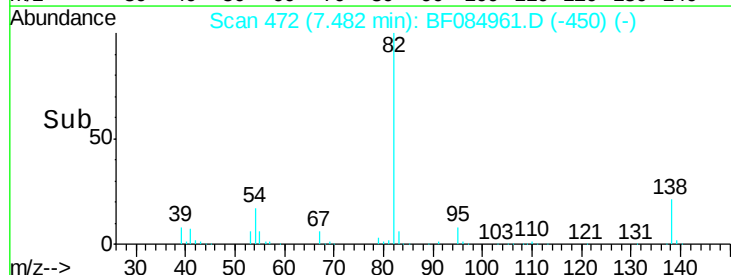
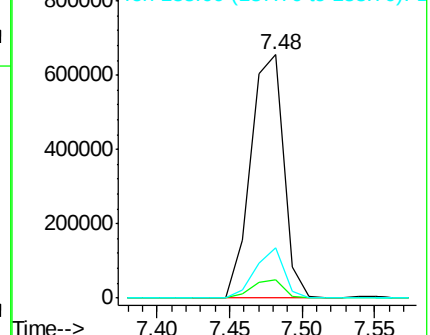
138 20.5 13.6 20.4#

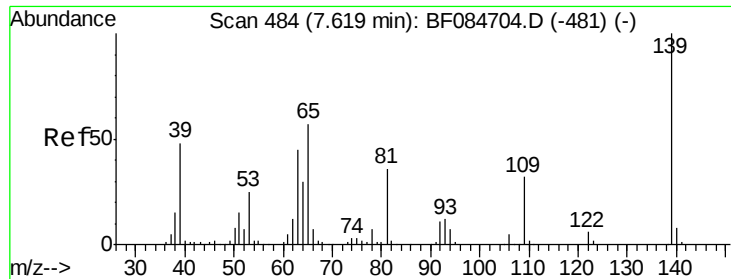


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

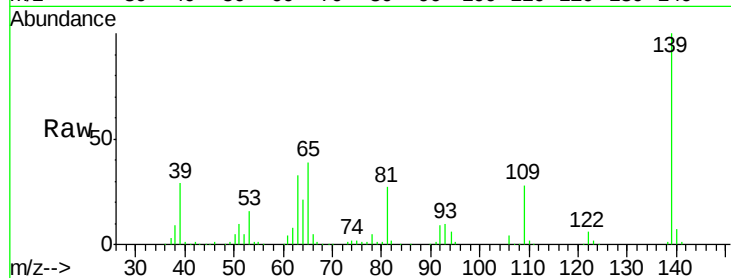




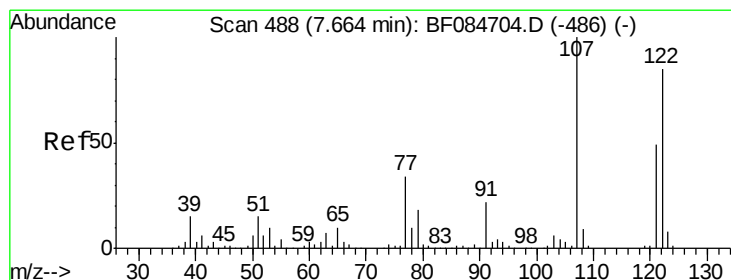
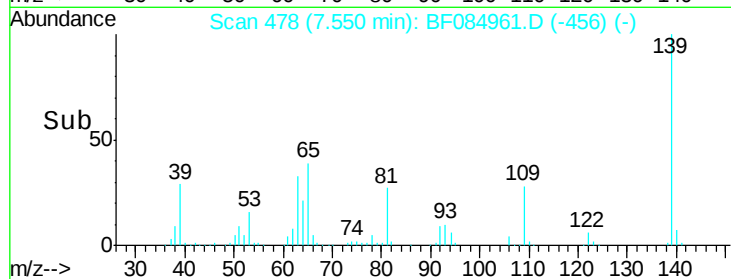
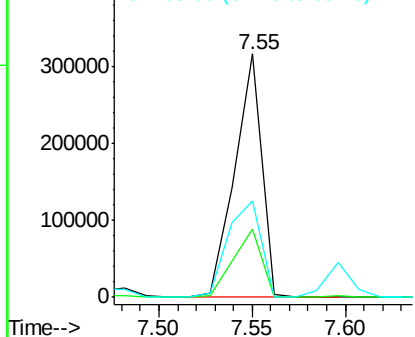
#26
 2-Nitrophenol
 Concen: 41.92 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:139 Resp: 319802
 Ion Ratio Lower Upper
 139 100
 109 28.1 25.4 38.2
 65 39.3 32.3 48.5

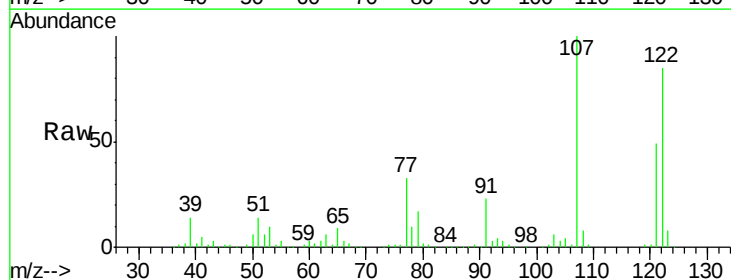


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

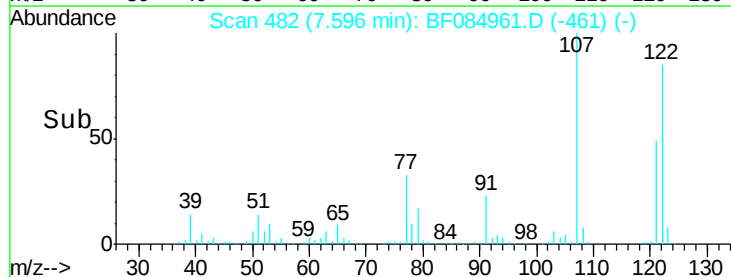
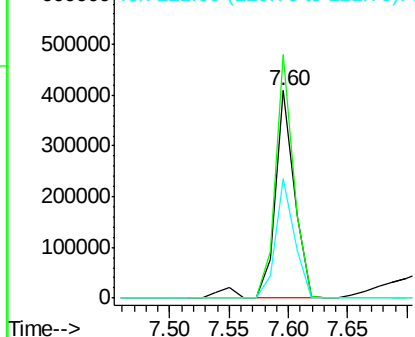


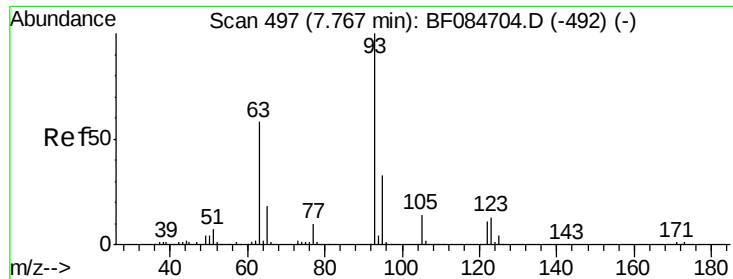
#27
 2,4-Dimethylphenol
 Concen: 35.37 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:122 Resp: 469338
 Ion Ratio Lower Upper
 122 100
 107 117.3 99.1 148.7
 121 57.5 47.9 71.9



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

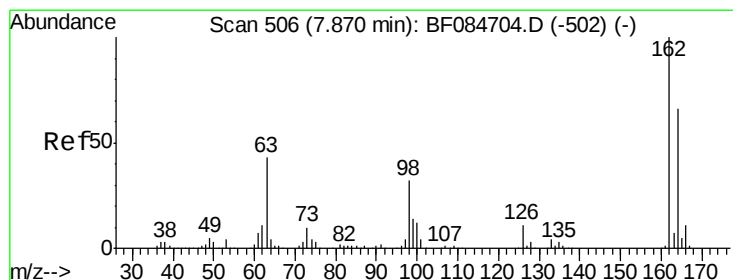
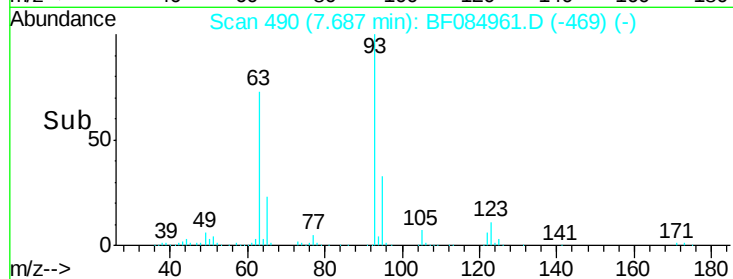
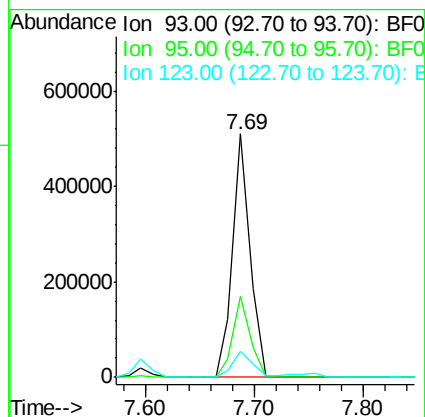
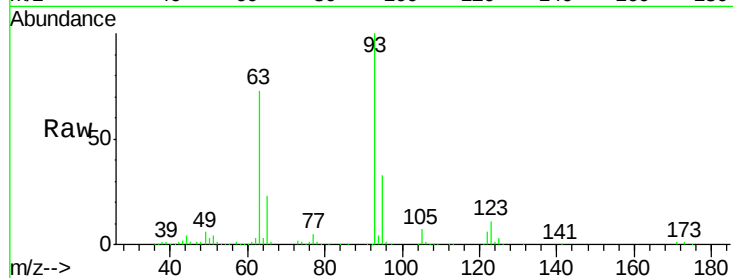




#28
bis(2-Chloroethoxy)methane
Concen: 33.88 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

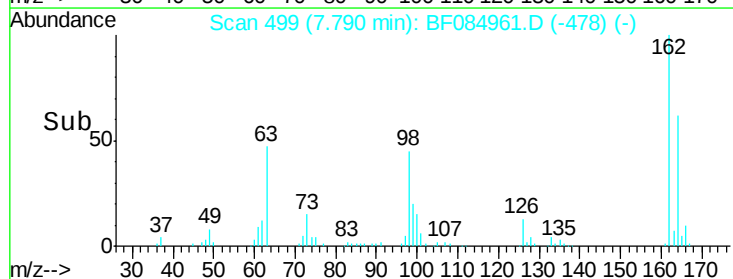
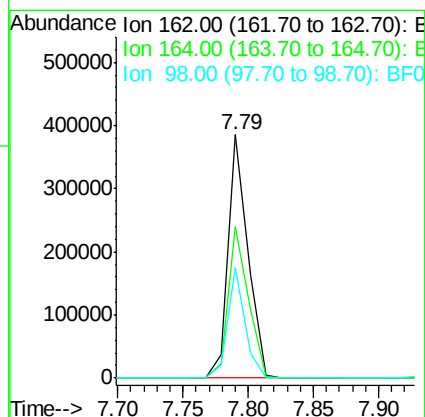
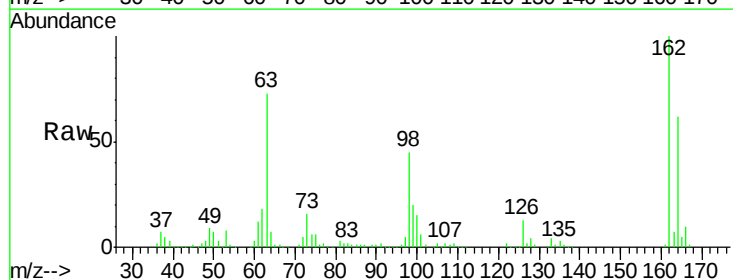
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

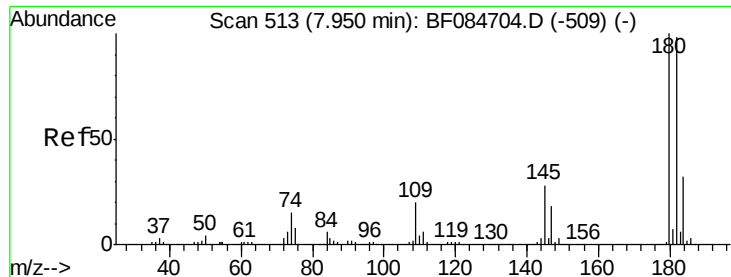
Tgt Ion: 93 Resp: 564511
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 10.8 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 35.72 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 162 Resp: 405576
Ion Ratio Lower Upper
162 100
164 62.1 44.1 84.1
98 45.3 20.2 60.2

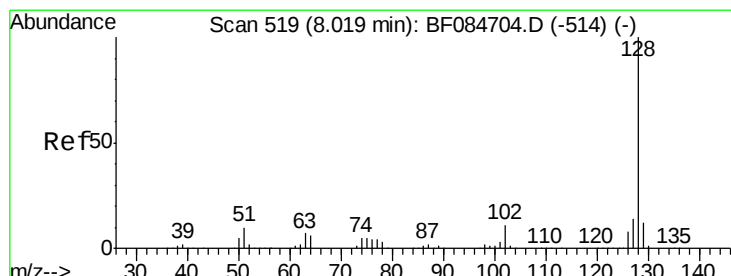
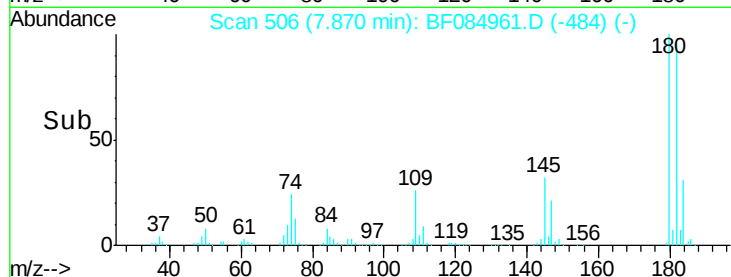
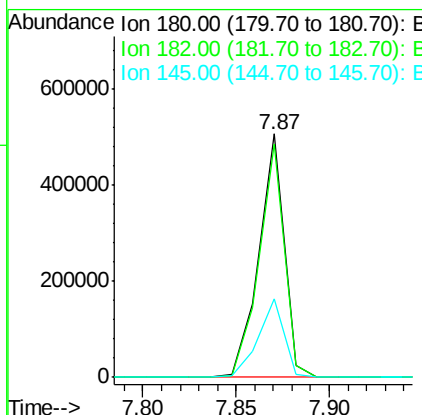
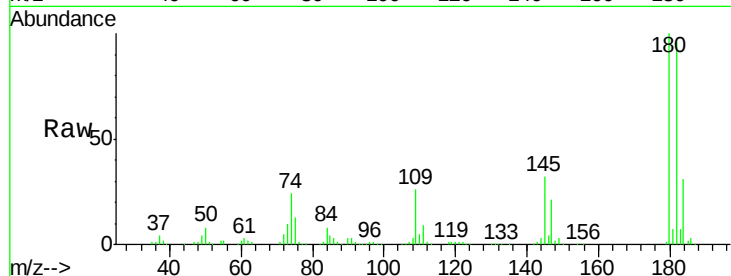




#30
 1,2,4-Trichlorobenzene
 Concen: 37.01 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

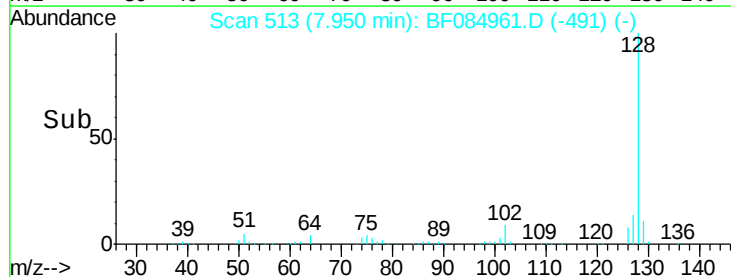
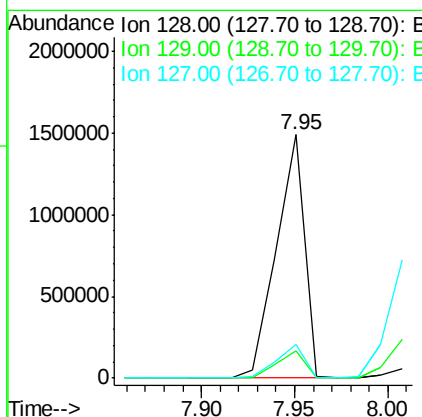
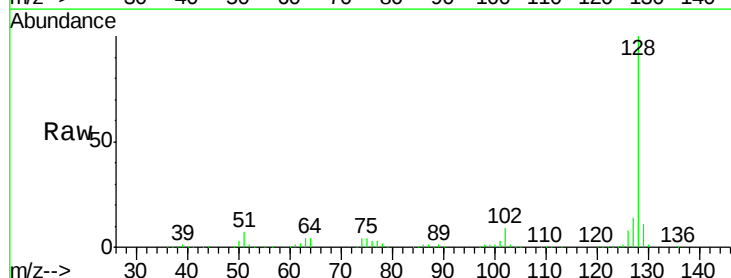
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

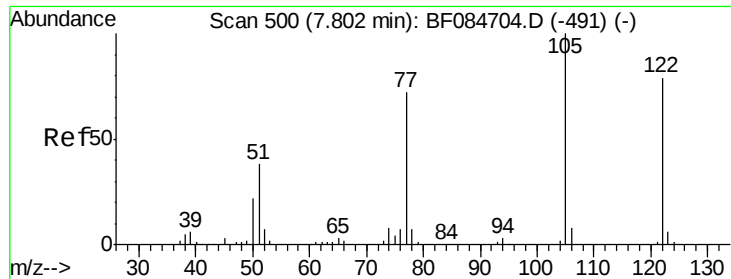
Tgt Ion:180 Resp: 474583
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 32.2 31.6 47.4



#31
 Naphthalene
 Concen: 38.14 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:128 Resp: 1556770
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 14.0 11.1 16.7





#32

Benzoic acid

Concen: 43.83 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

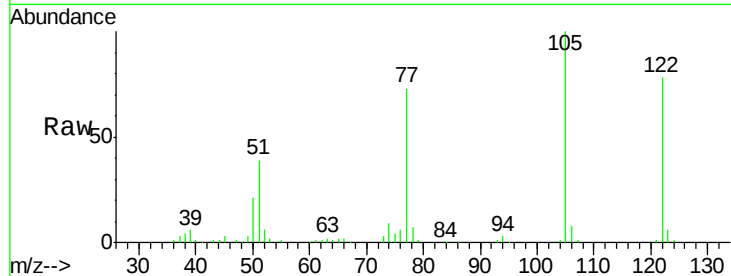
Tgt Ion:122 Resp: 372009

Ion Ratio Lower Upper

122 100

105 127.6 100.3 140.3

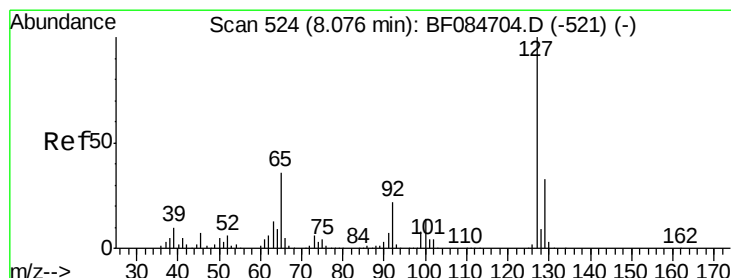
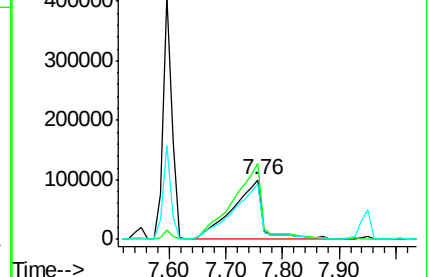
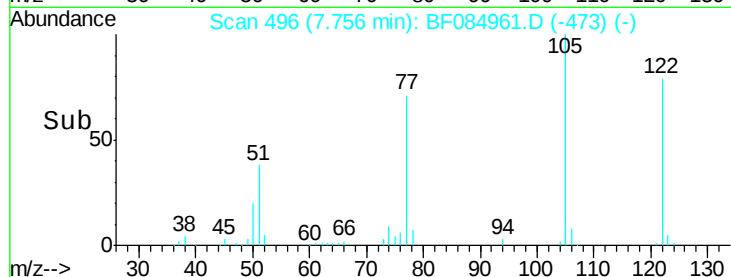
77 93.0 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 39.56 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:127 Resp: 667730

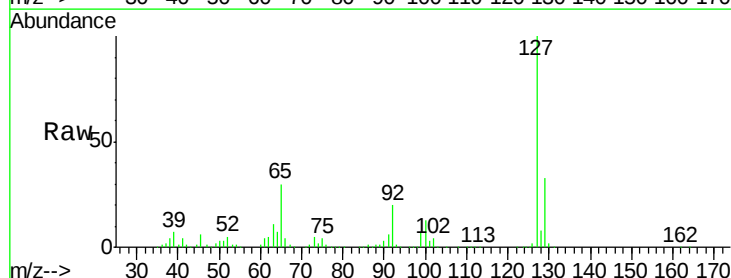
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 29.8 27.2 40.8

92 19.7 17.7 26.5

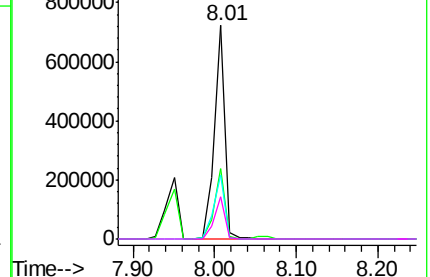
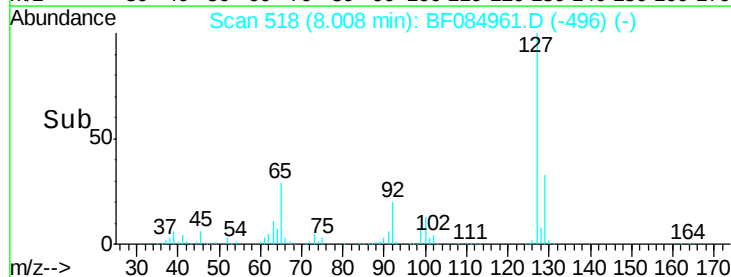


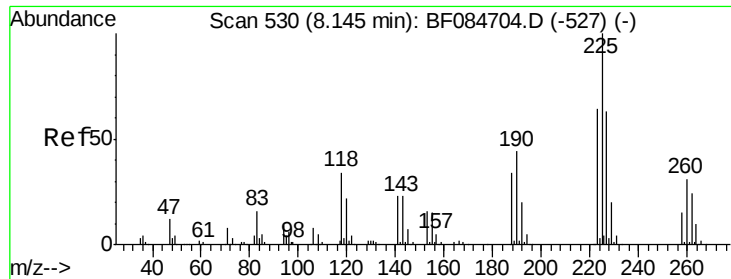
Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.79 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

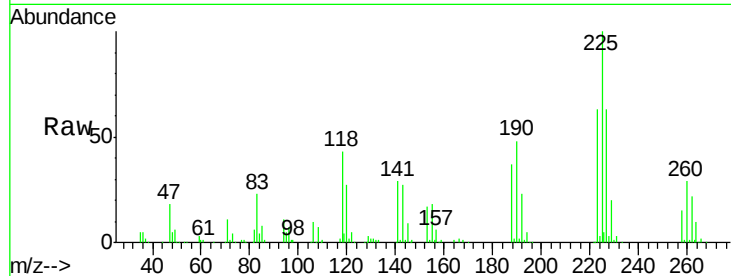
Tgt Ion: 225 Resp: 249857

Ion Ratio Lower Upper

225 100

223 63.4 49.4 74.0

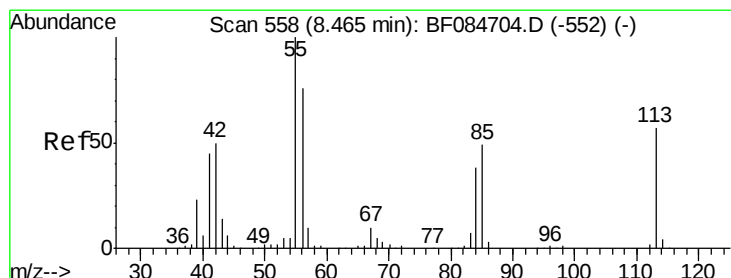
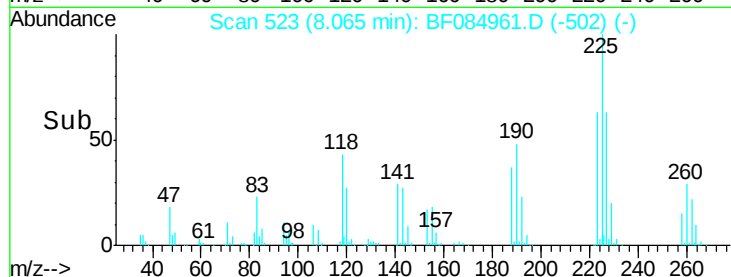
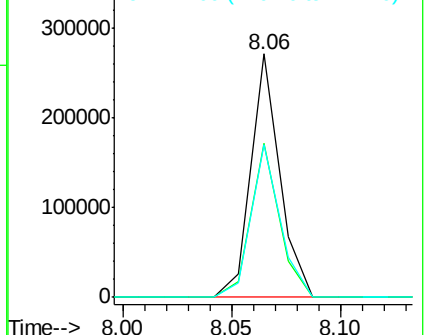
227 62.7 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 37.25 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

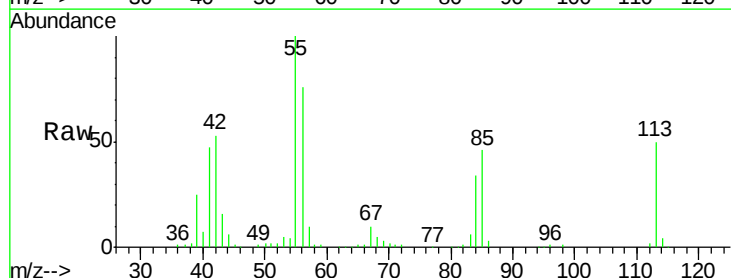
Tgt Ion: 113 Resp: 130343

Ion Ratio Lower Upper

113 100

55 200.0 116.9 156.9#

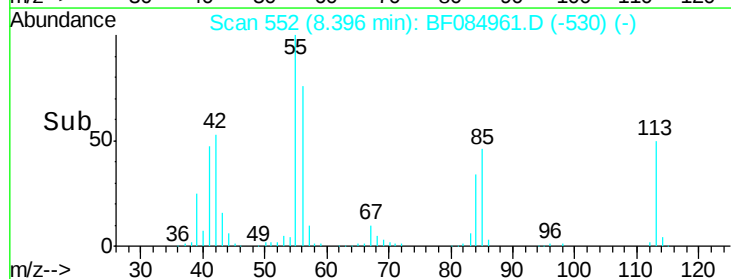
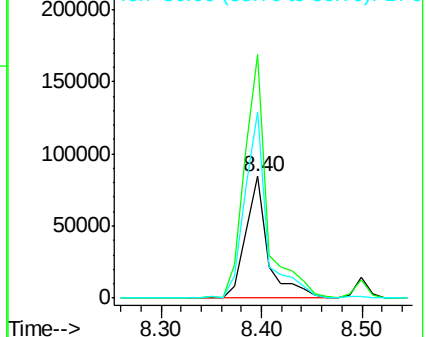
56 152.9 93.8 133.8#

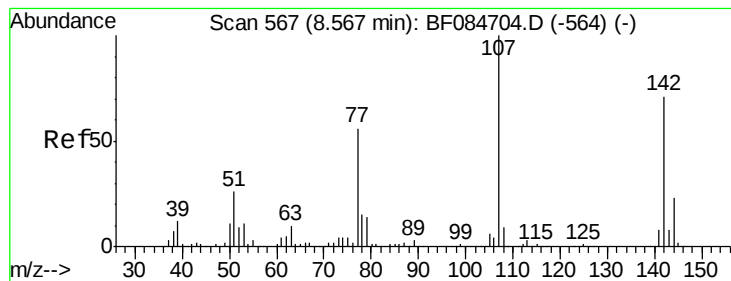


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 35.57 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

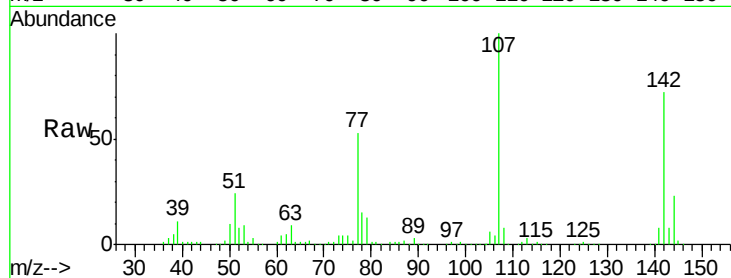
Tgt Ion:107 Resp: 460739

Ion Ratio Lower Upper

107 100

144 22.9 19.7 29.5

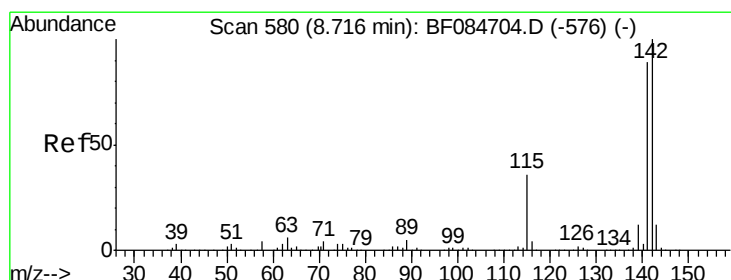
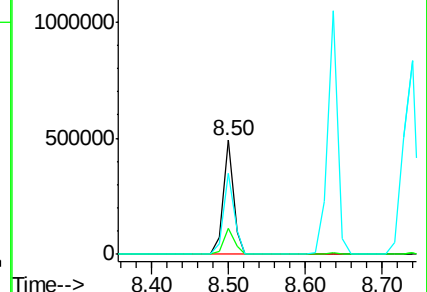
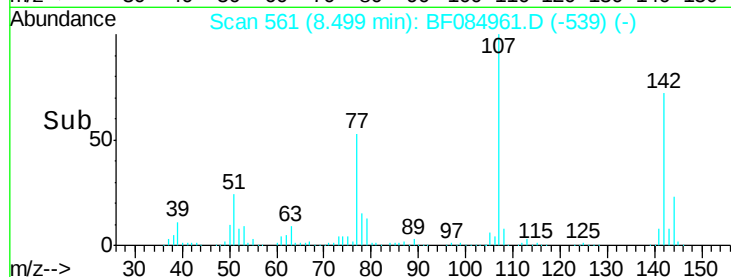
142 71.6 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.31 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

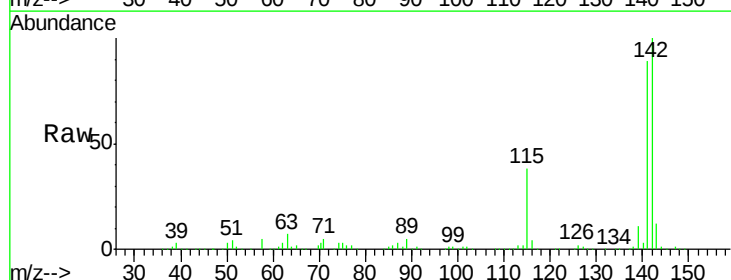
Tgt Ion:142 Resp: 927449

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

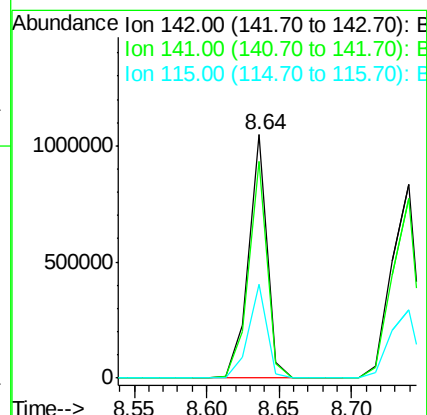
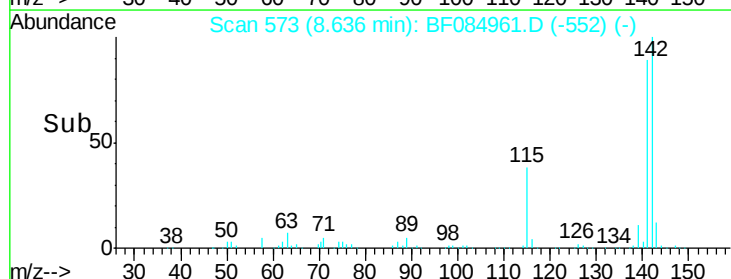
115 38.5 27.9 41.9

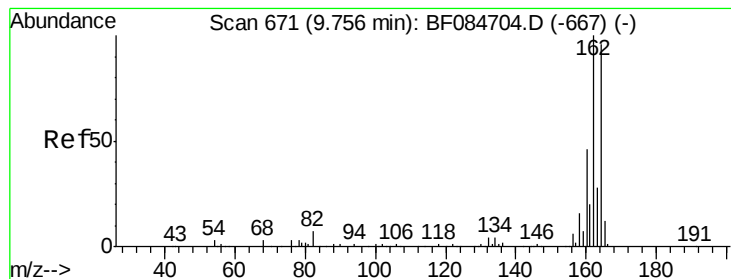


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

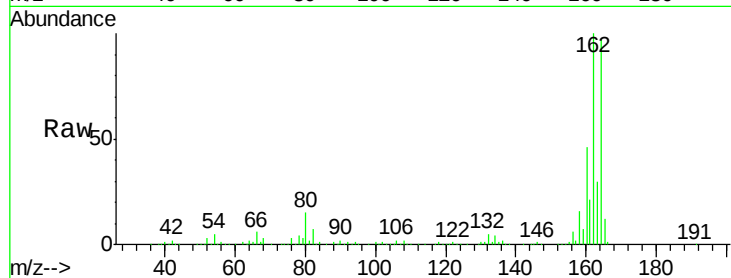
Tgt Ion:164 Resp: 382722

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

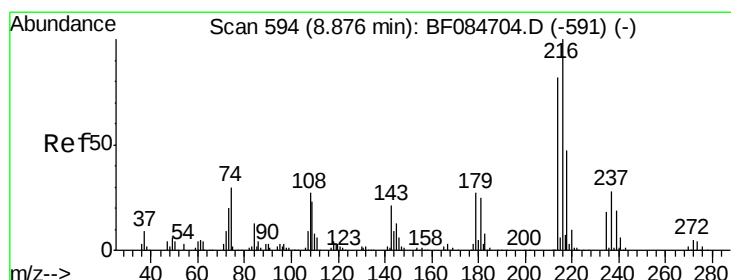
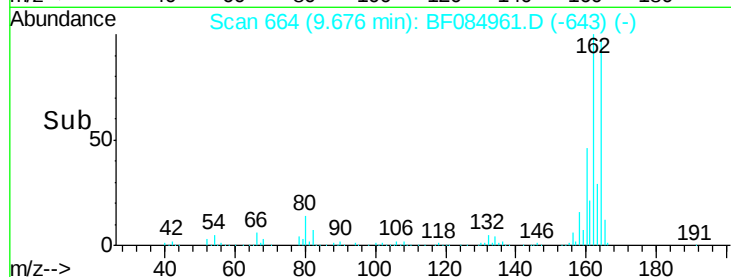
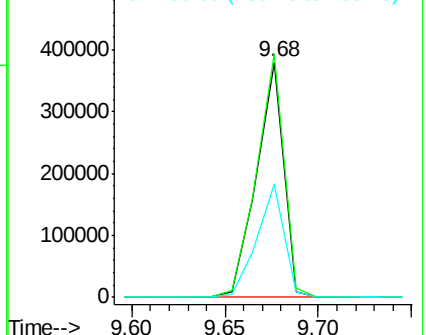
160 48.0 37.5 56.3



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: 38.47 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:216 Resp: 467627

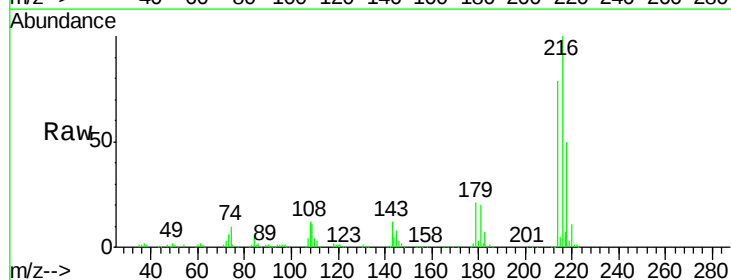
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 23.0 18.7 28.1

108 18.8 16.8 25.2

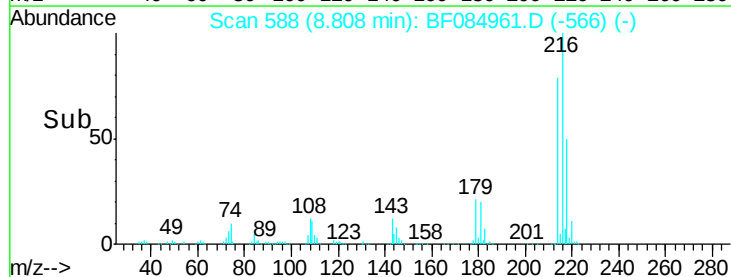
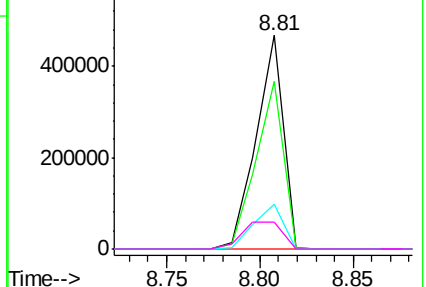


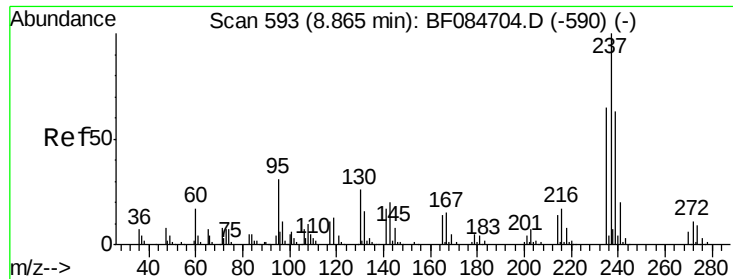
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 39.44 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

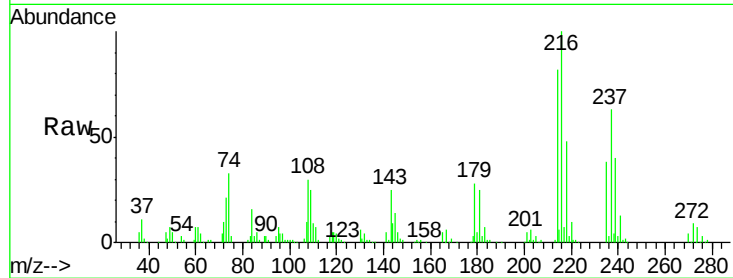
Tgt Ion:237 Resp: 166200

Ion Ratio Lower Upper

237 100

235 60.2 43.1 83.1

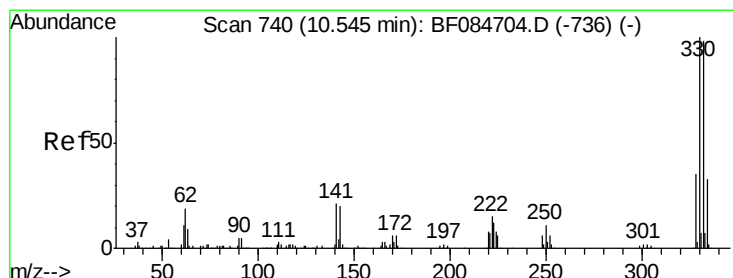
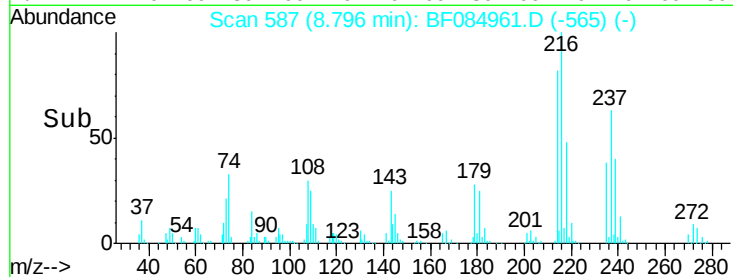
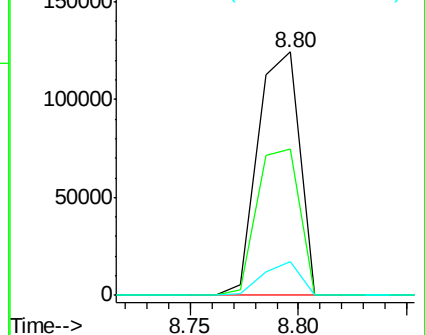
272 13.8 0.0 35.1



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: 81.24 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

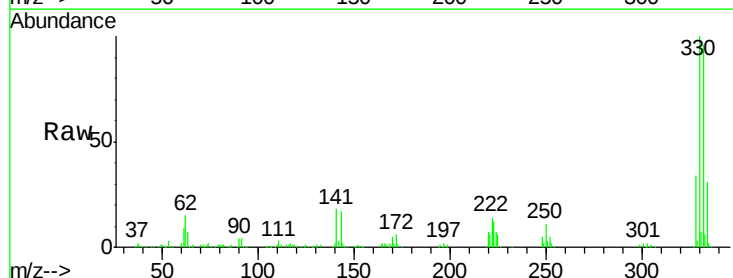
Tgt Ion:330 Resp: 324314

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

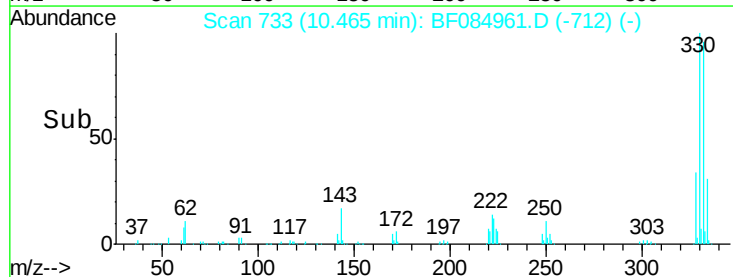
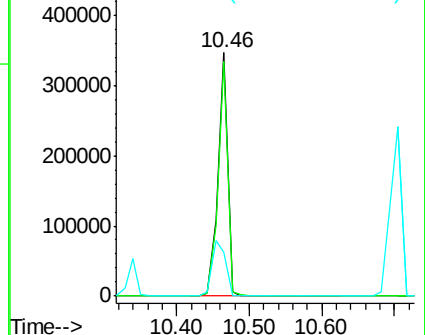
141 31.6 27.8 41.6

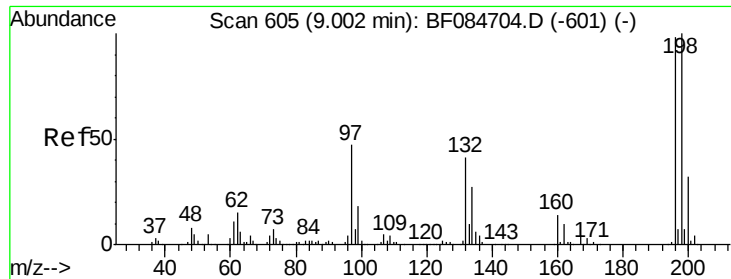


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

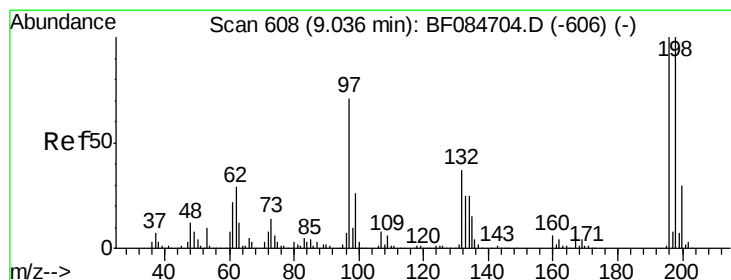
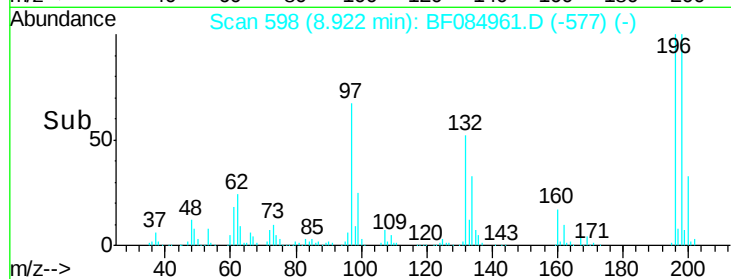
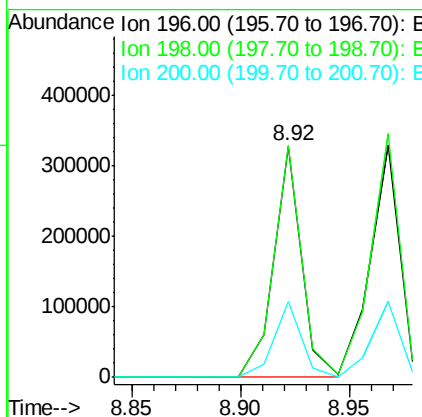
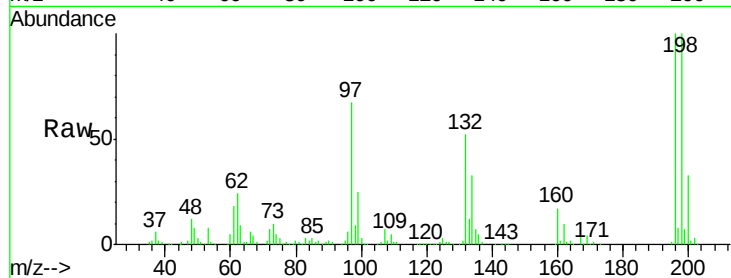




#42
 2,4,6-Trichlorophenol
 Concen: 37.81 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

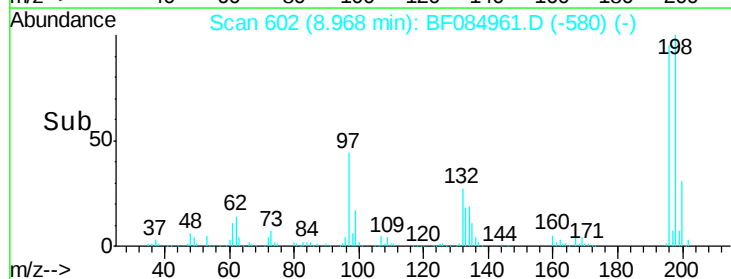
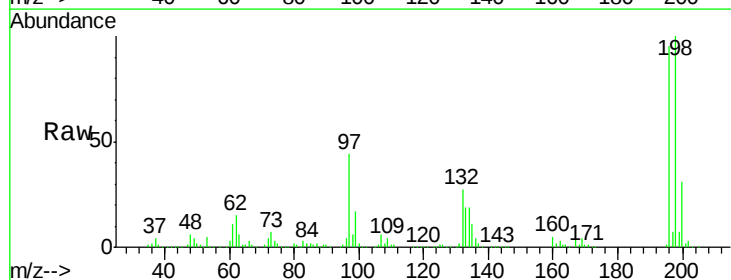
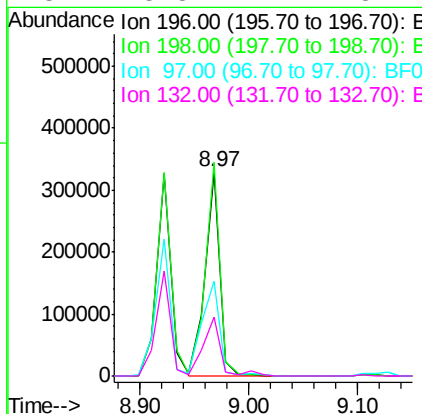
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

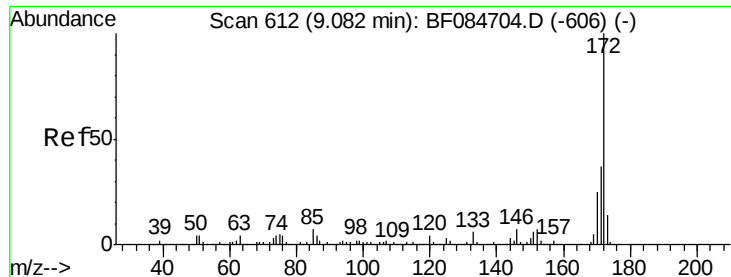
Tgt Ion:196 Resp: 296109
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.7 116.5
 200 33.0 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 39.04 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:196 Resp: 310604
 Ion Ratio Lower Upper
 196 100
 198 104.9 79.0 118.6
 97 46.5 33.0 49.6
 132 28.8 21.1 31.7





#44

2-Fluorobiphenyl

Concen: 70.83 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

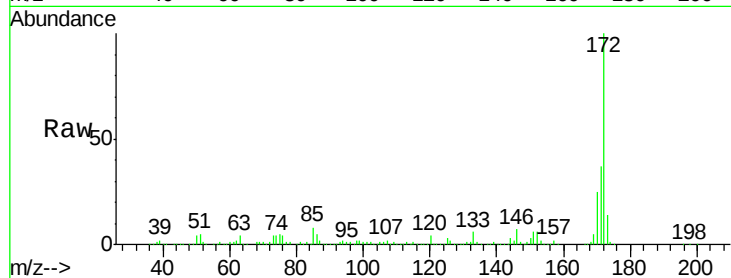
Tgt Ion:172 Resp: 1701533

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

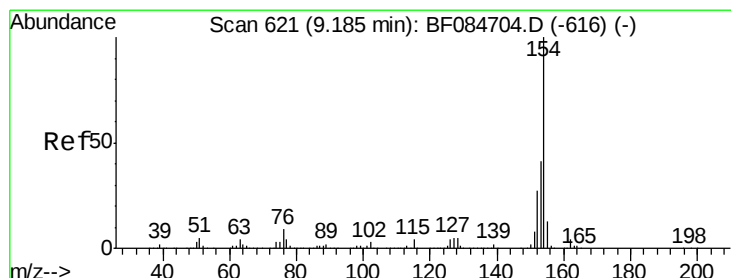
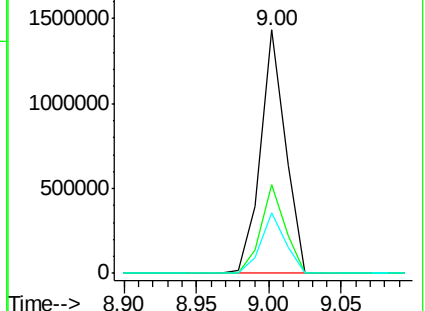
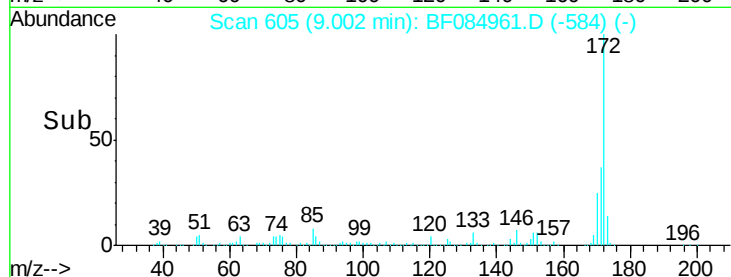
170 24.7 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 38.64 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

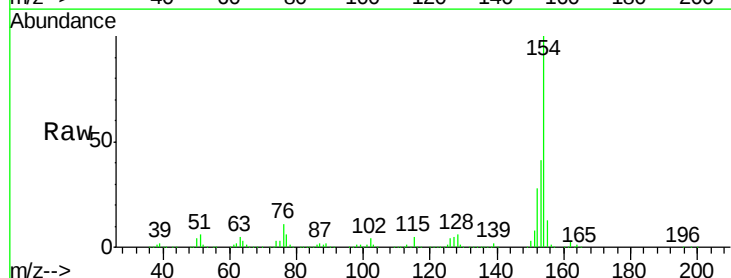
Tgt Ion:154 Resp: 1321013

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

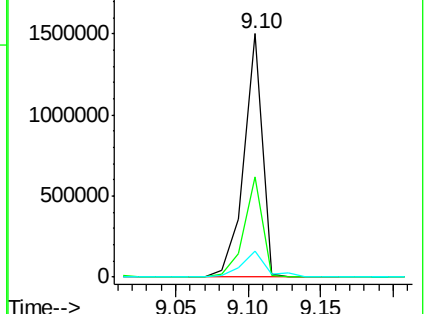
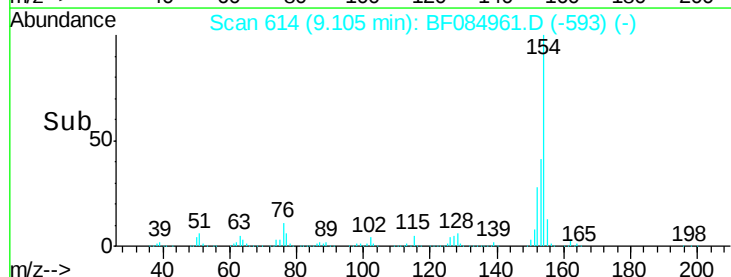
76 10.9 0.0 32.7

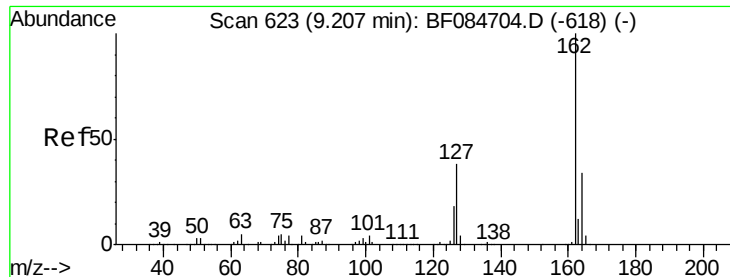


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

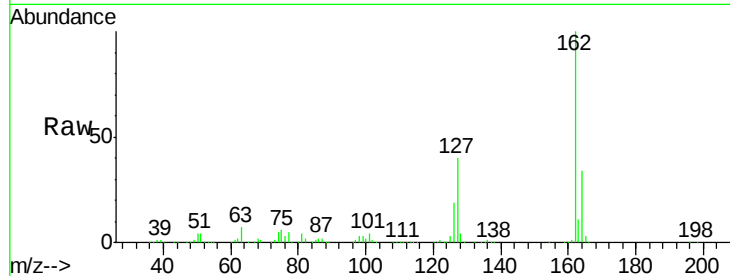




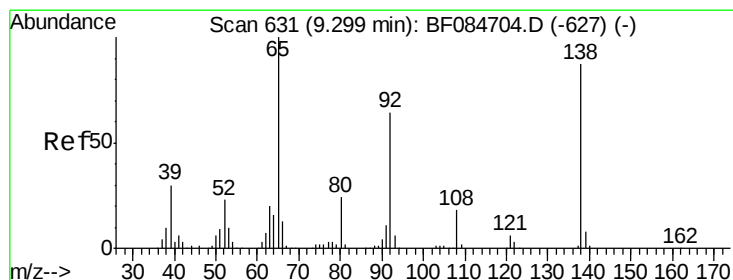
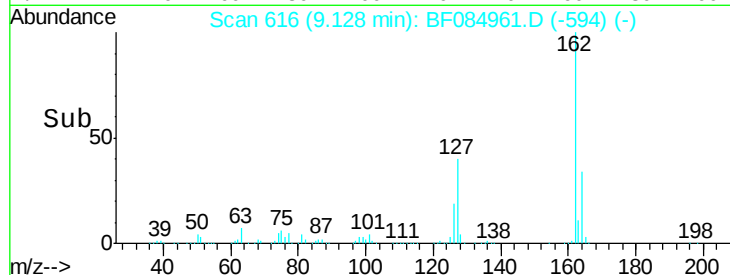
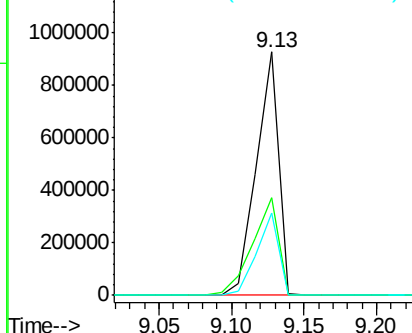
#46
2-Chloronaphthalene
Concen: 39.31 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 162 Resp: 989627
Ion Ratio Lower Upper
162 100
127 40.1 40.2 60.4#
164 33.7 25.7 38.5

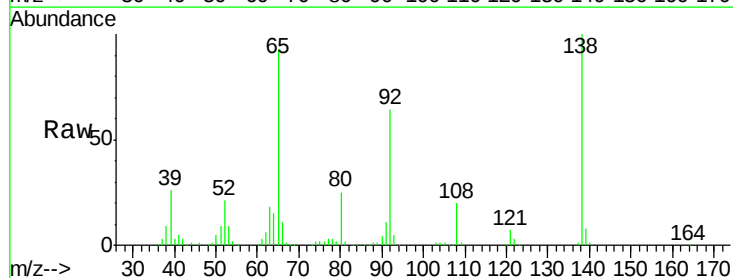


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

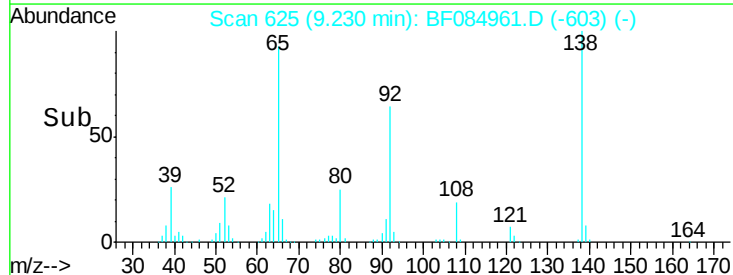
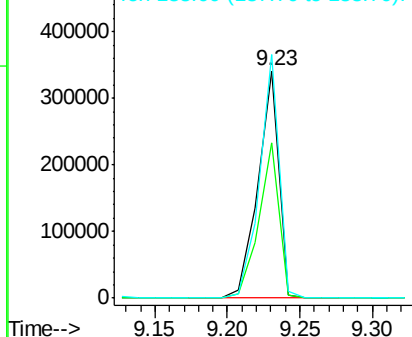


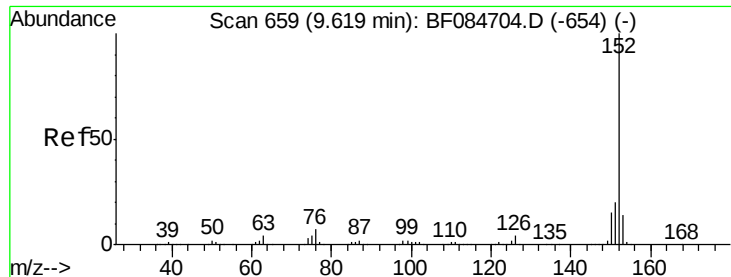
#47
2-Nitroaniline
Concen: 42.36 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 65 Resp: 337634
Ion Ratio Lower Upper
65 100
92 68.1 53.4 80.2
138 107.2 71.1 106.7#



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





#48

Acenaphthylene

Concen: 38.92 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

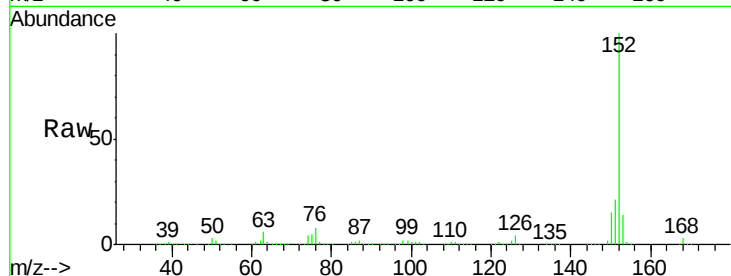
Tgt Ion:152 Resp: 1486678

Ion Ratio Lower Upper

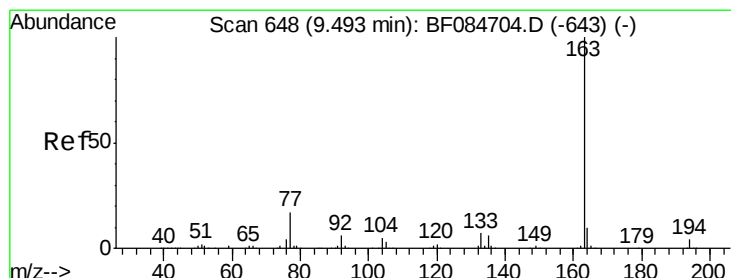
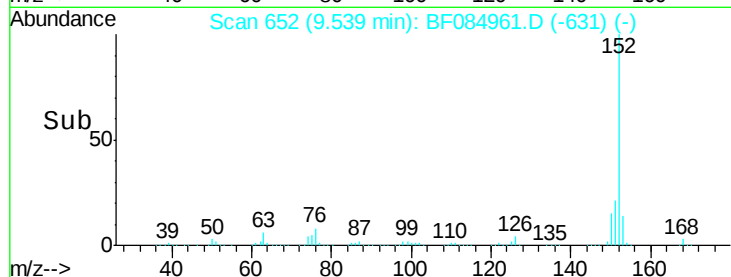
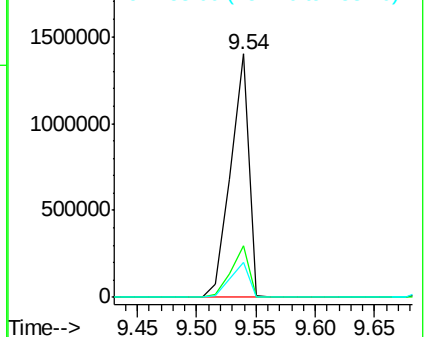
152 100

151 21.0 16.3 24.5

153 14.2 10.4 15.6



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



#49

Dimethylphthalate

Concen: 35.20 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

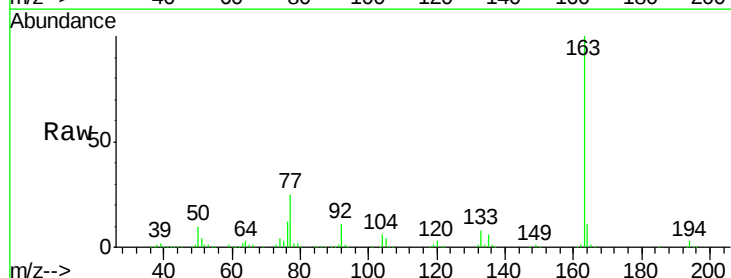
Tgt Ion:163 Resp: 1026101

Ion Ratio Lower Upper

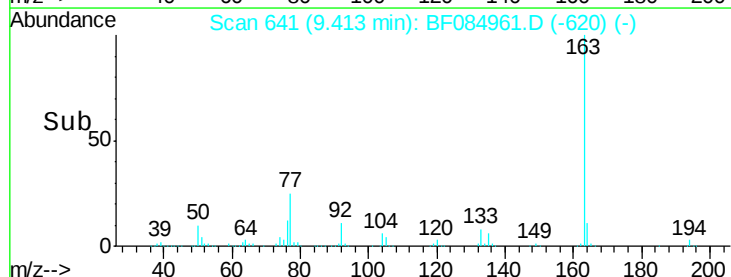
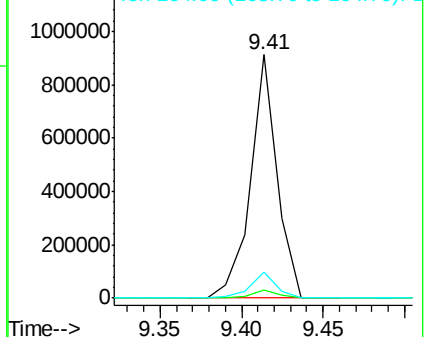
163 100

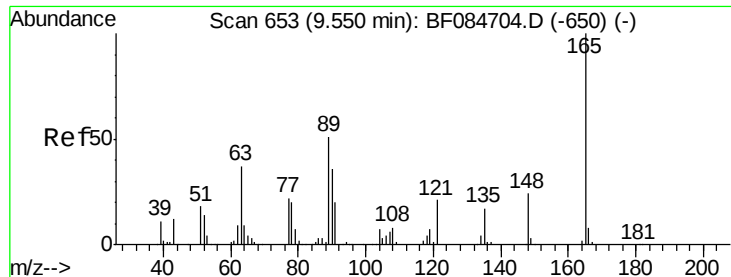
194 3.1 8.0 12.0#

164 10.7 8.0 12.0



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

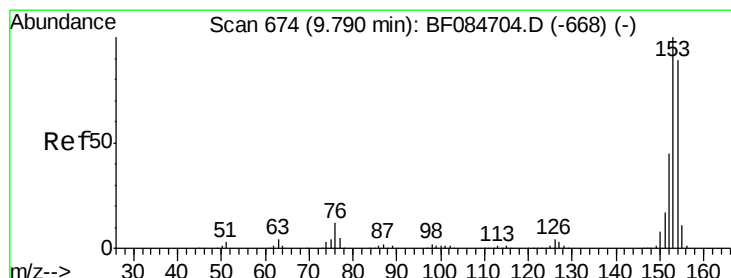
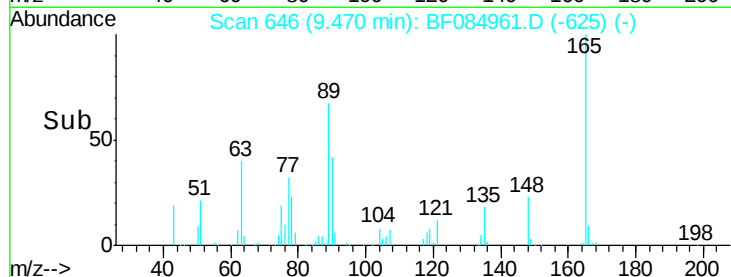
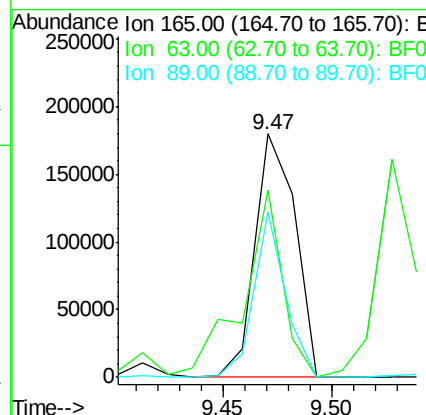
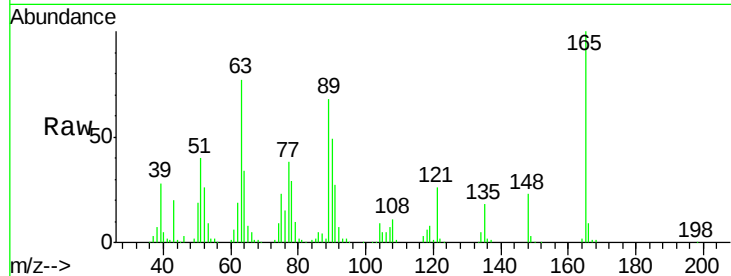




#50
 2,6-Dinitrotoluene
 Concen: 36.36 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

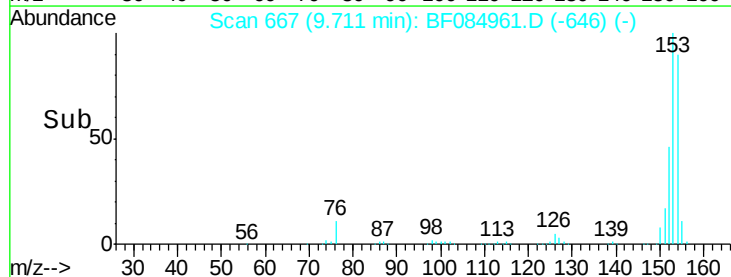
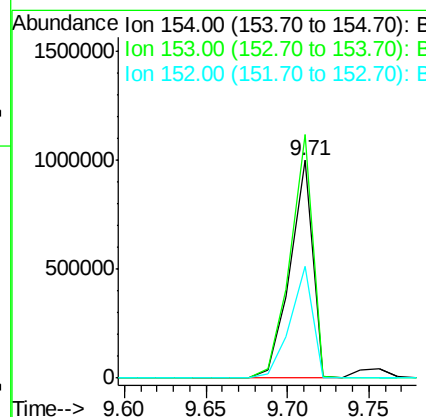
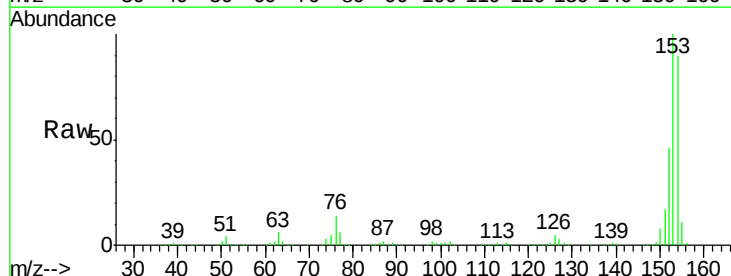
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

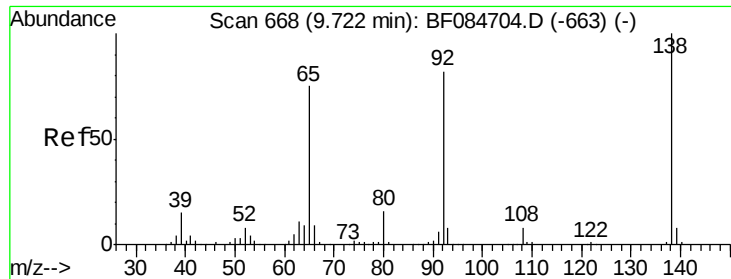
Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.8	28.8	43.2#
89	68.2	35.1	52.7#



#51
 Acenaphthene
 Concen: 39.05 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.5	137.3
152	51.0	43.0	64.6

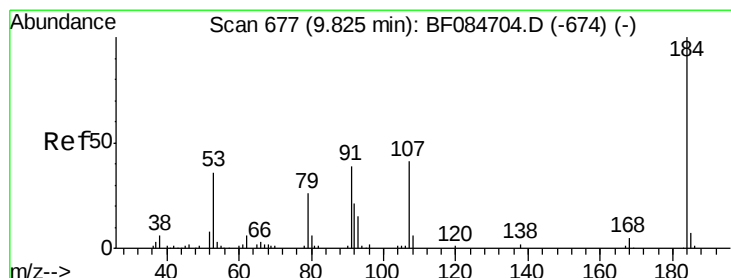
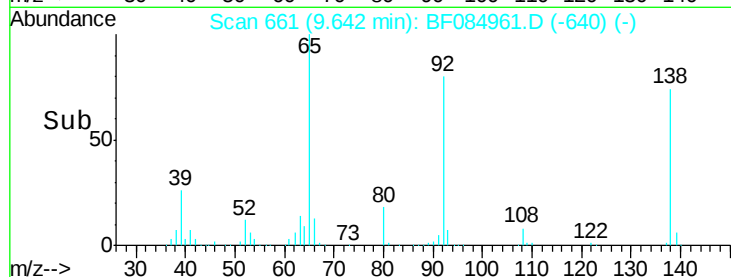
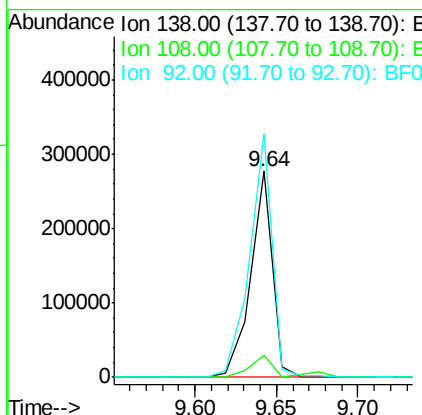
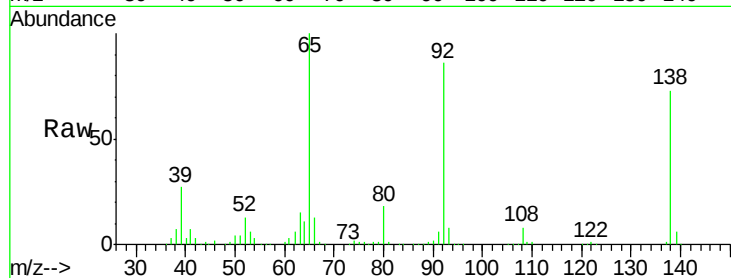




#52
 3-Nitroaniline
 Concen: 35.83 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

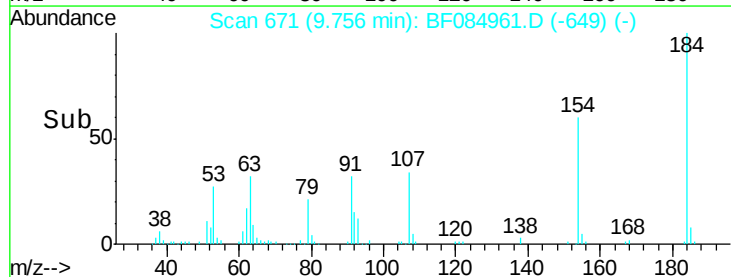
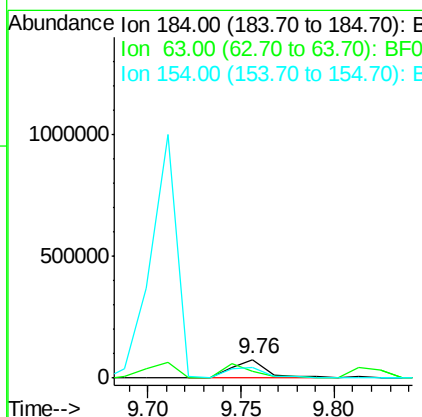
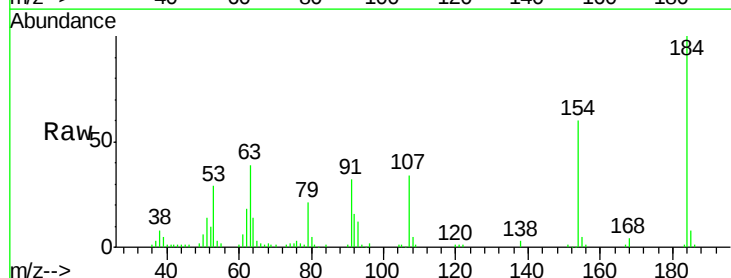
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

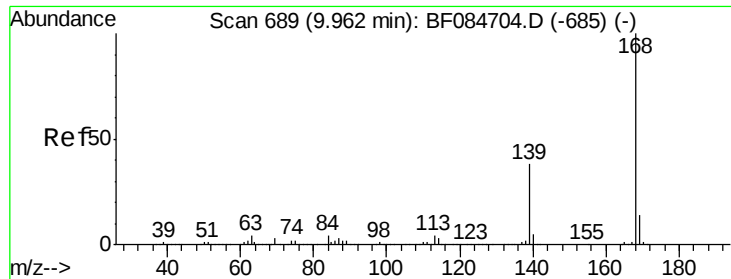
Tgt Ion:138 Resp: 256422
 Ion Ratio Lower Upper
 138 100
 108 11.0 10.5 15.7
 92 117.9 103.9 155.9



#53
 2,4-Dinitrophenol
 Concen: 37.71 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:184 Resp: 101105
 Ion Ratio Lower Upper
 184 100
 63 38.7 43.1 64.7#
 154 59.9 60.5 90.7#





#54

Dibenzofuran

Concen: 38.95 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

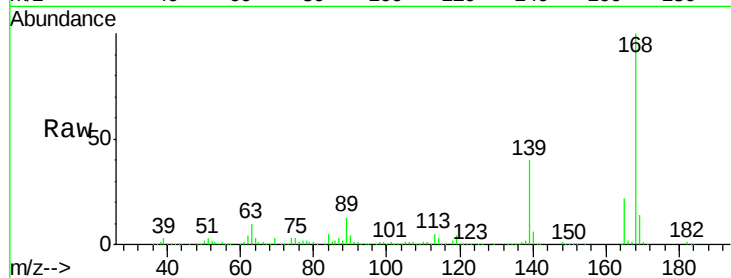
Tgt Ion:168 Resp: 1183052

Ion Ratio Lower Upper

168 100

139 40.1 30.5 45.7

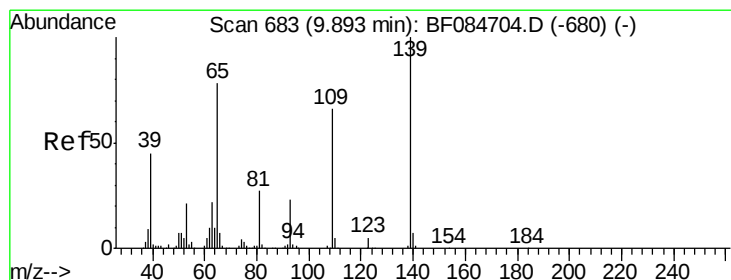
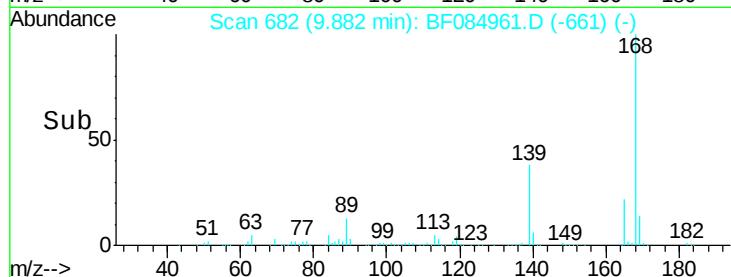
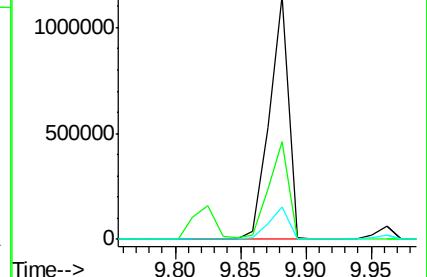
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.60 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

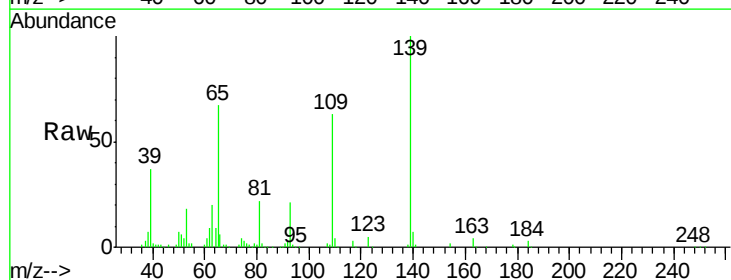
Tgt Ion:139 Resp: 192461

Ion Ratio Lower Upper

139 100

109 62.8 58.5 98.5

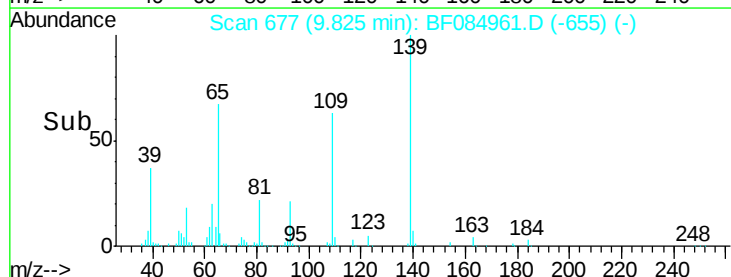
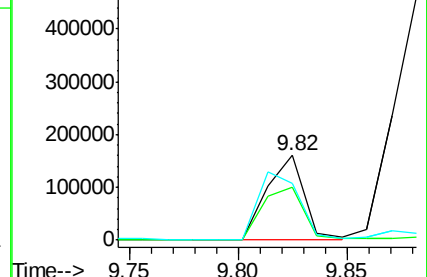
65 67.2 57.6 97.6

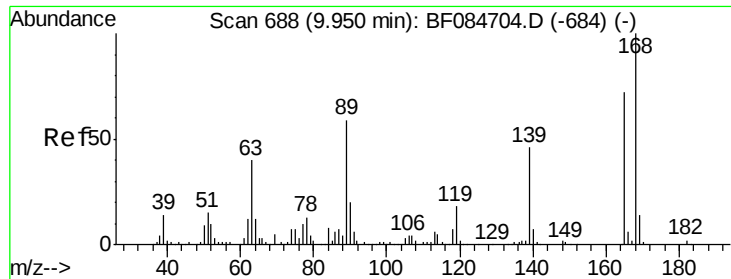


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

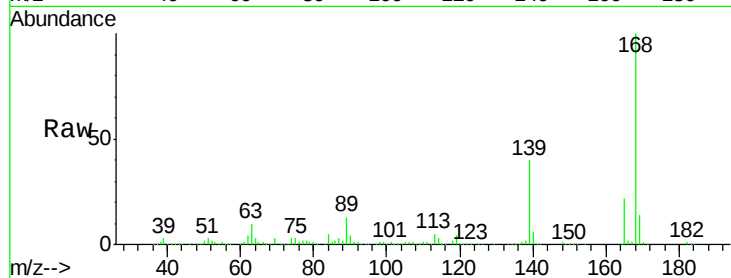




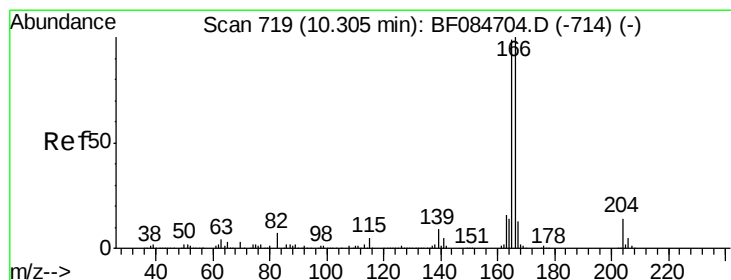
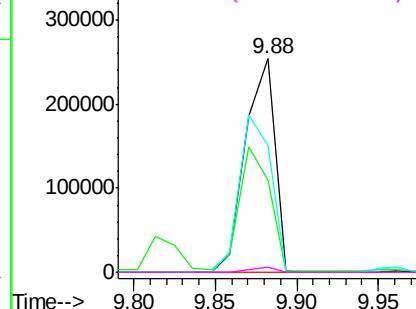
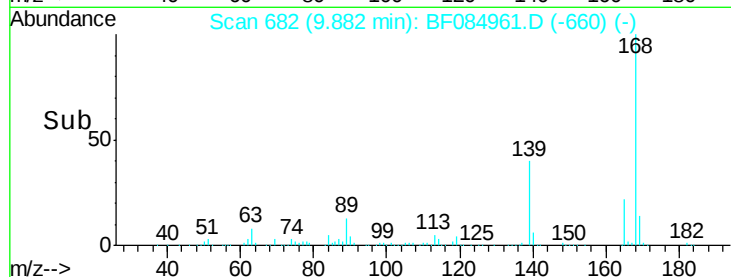
#56
2,4-Dinitrotoluene
Concen: 39.11 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 317654
Ion Ratio Lower Upper
165 100
63 43.3 36.7 55.1
89 59.2 61.9 92.9#
182 2.3 2.0 3.0

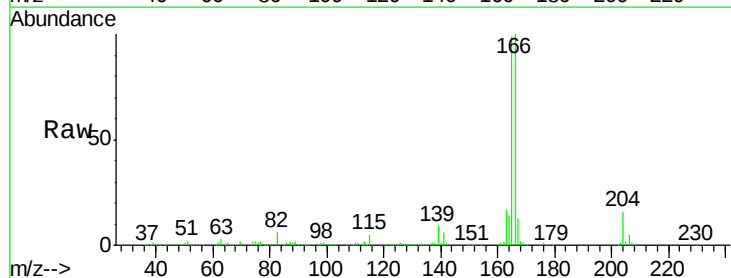


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

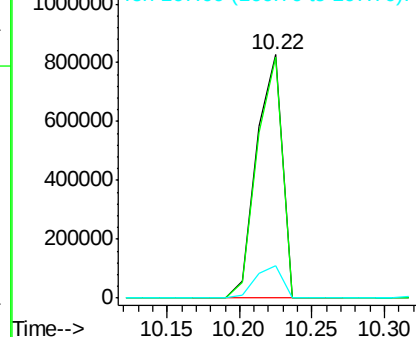
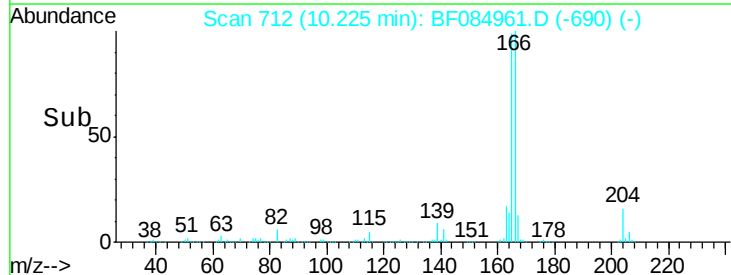


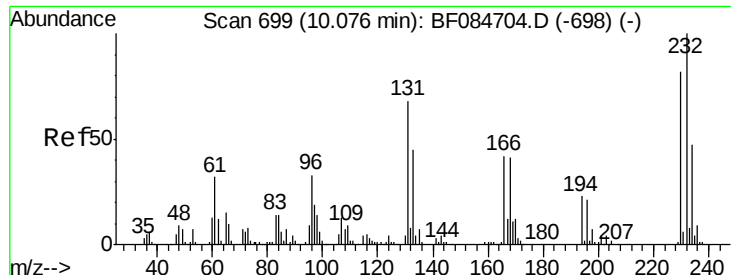
#57
Fluorene
Concen: 39.88 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion:166 Resp: 1011633
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.3 10.4 15.6



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

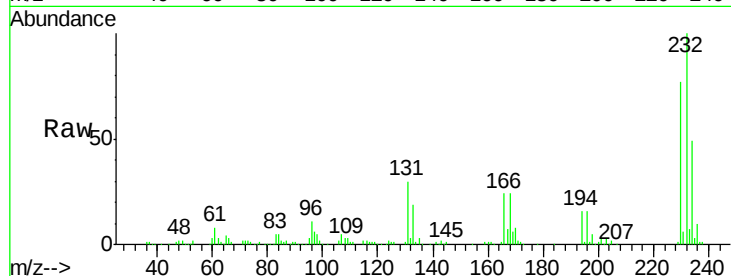




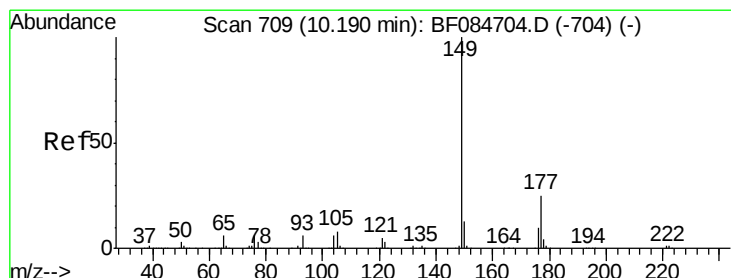
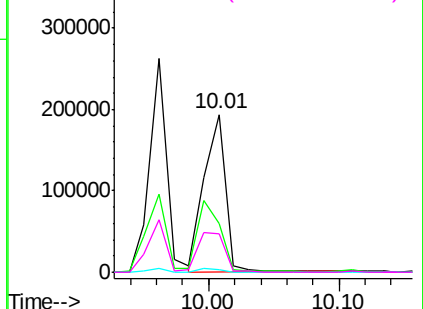
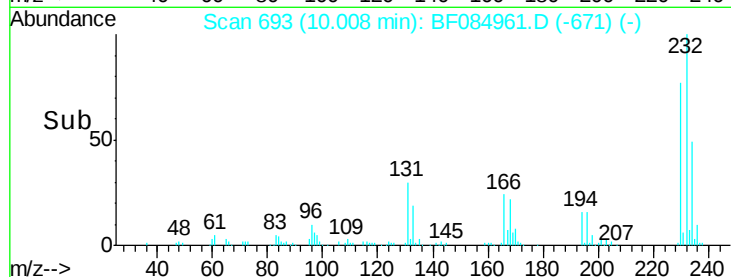
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.76 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.7	47.0	70.6
130	2.3	2.0	3.0
166	31.6	30.5	45.7

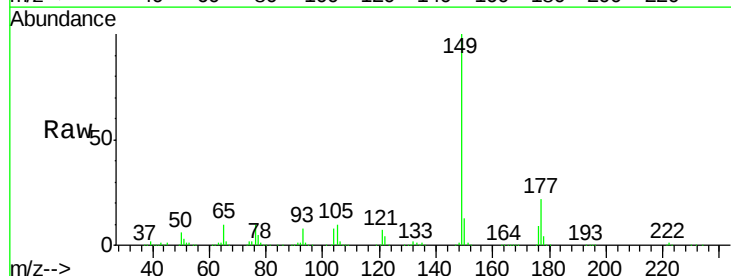


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

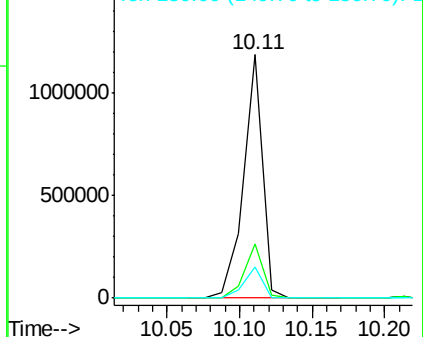
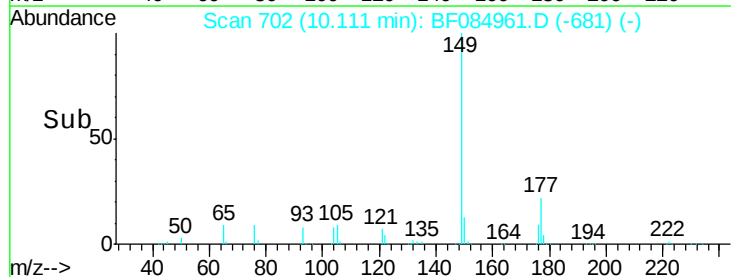


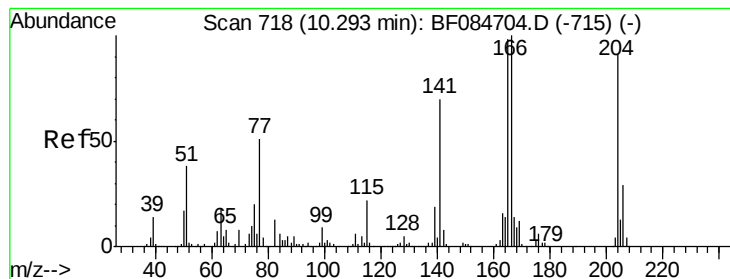
#59
 Diethylphthalate
 Concen: 37.75 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.3	25.9
150	12.7	9.8	14.8



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





#60

4-Chlorophenyl-phenylether

Concen: 36.85 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

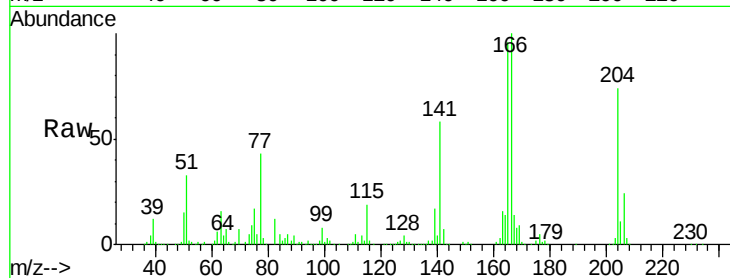
Tgt Ion:204 Resp: 406721

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

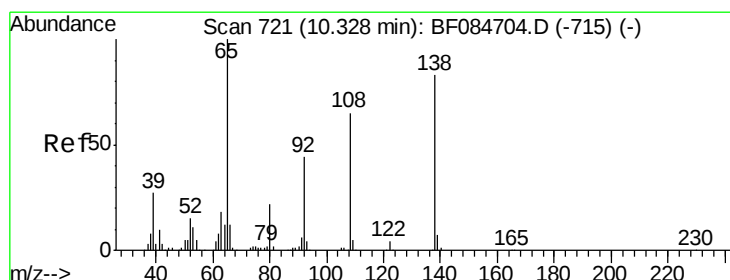
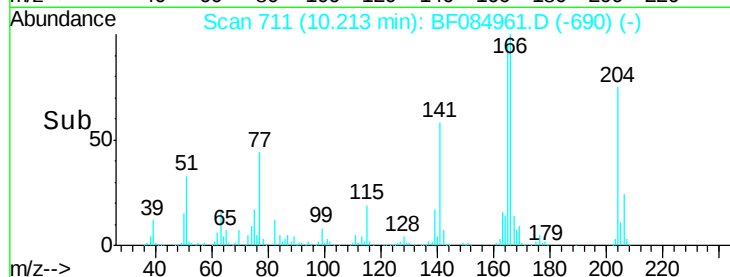
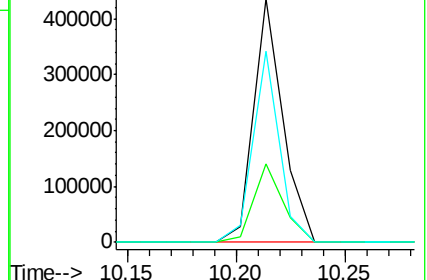
141 78.3 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 42.69 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

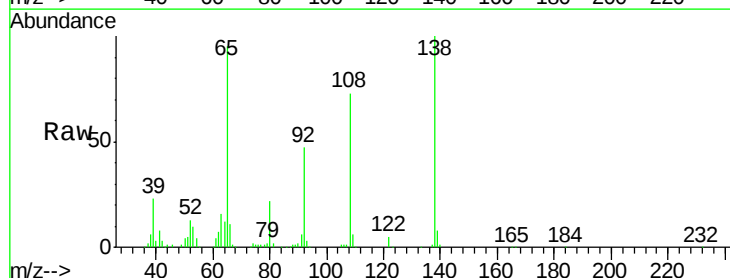
Tgt Ion:138 Resp: 297661

Ion Ratio Lower Upper

138 100

92 46.8 32.6 72.6

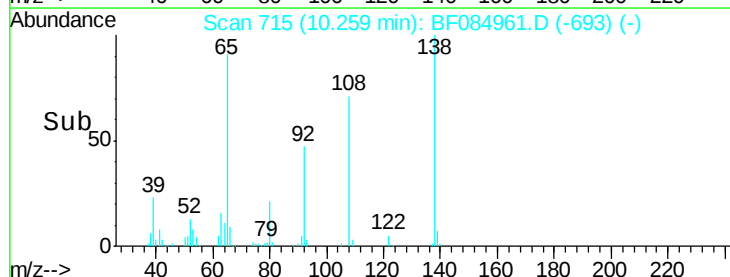
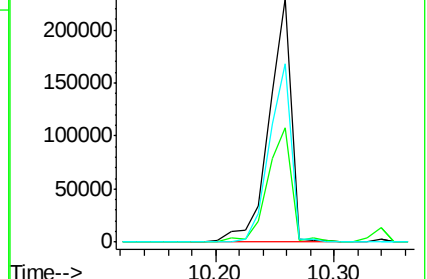
108 73.0 68.6 108.6

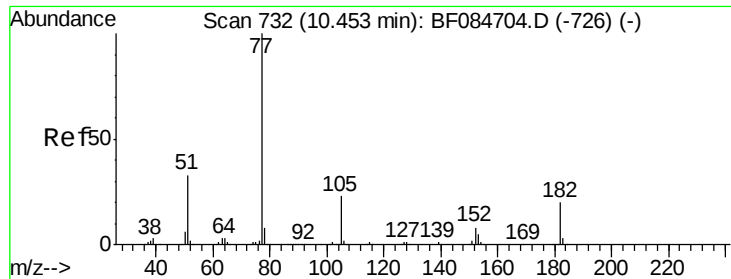


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.03 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1013410

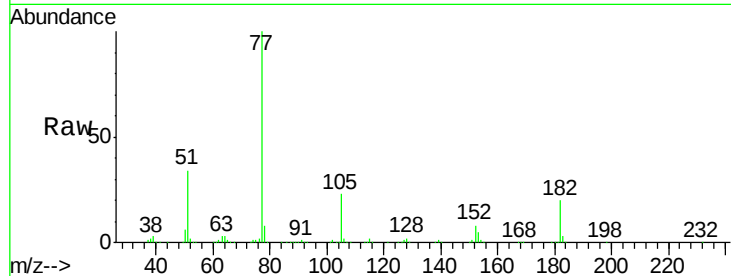
Ion Ratio Lower Upper

77 100

182 20.3 8.3 48.3

105 23.1 4.6 44.6

51 33.5 6.2 46.2

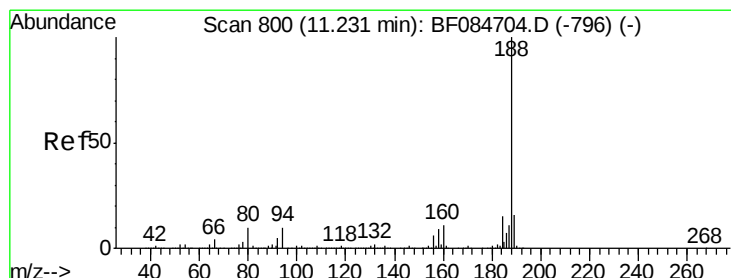
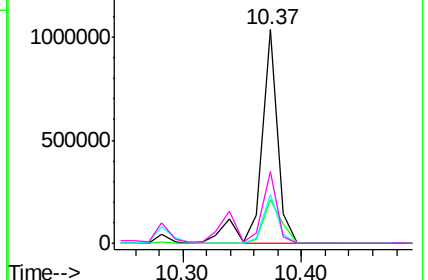
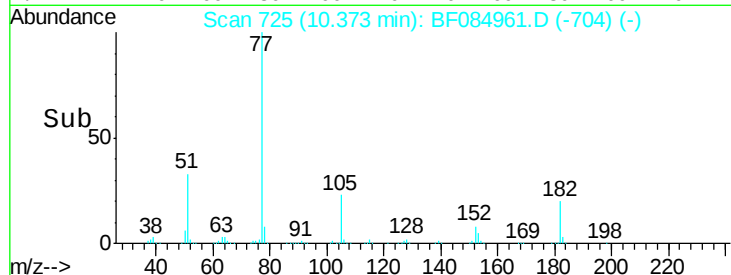


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

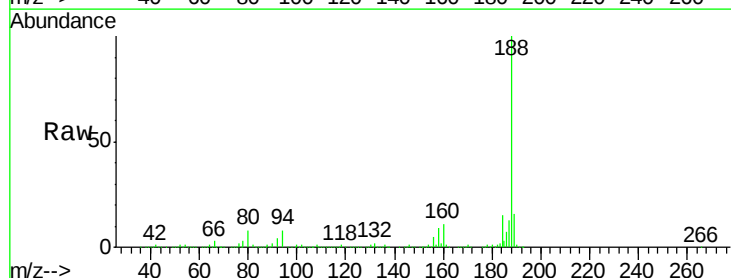
Tgt Ion: 188 Resp: 699571

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

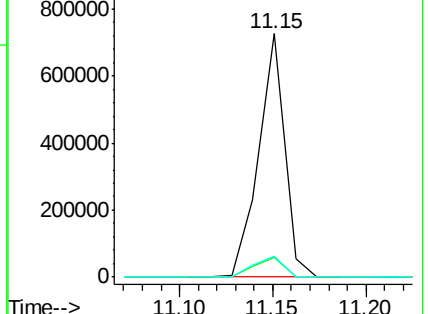
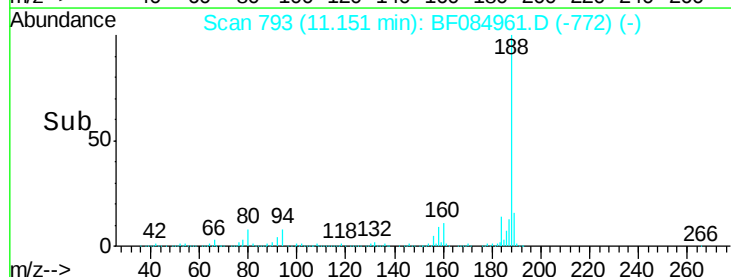
80 8.3 9.6 14.4#

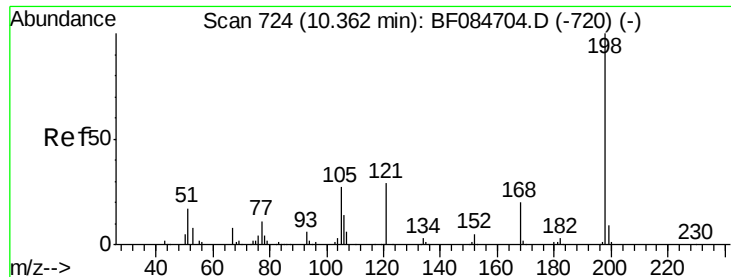


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 38.85 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

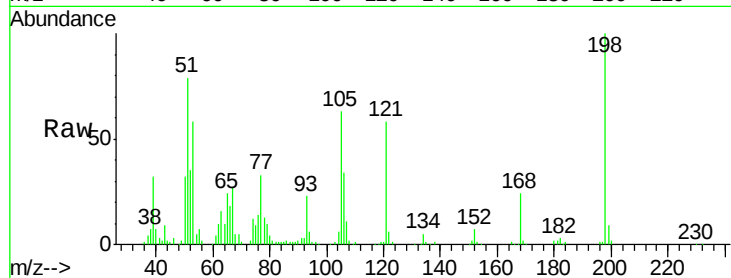
Tgt Ion:198 Resp: 167762

Ion Ratio Lower Upper

198 100

51 78.8 18.9 58.9#

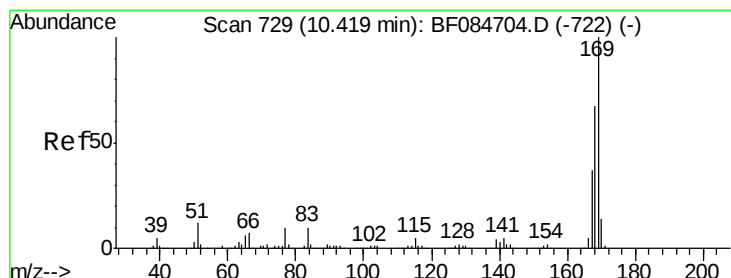
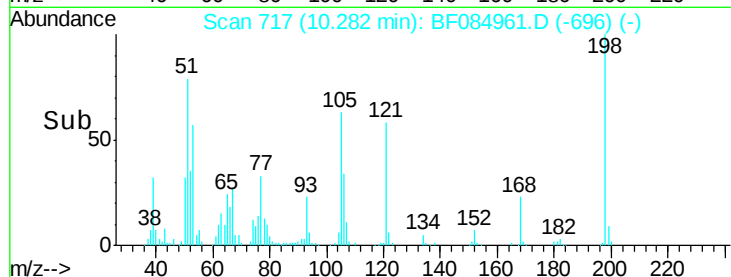
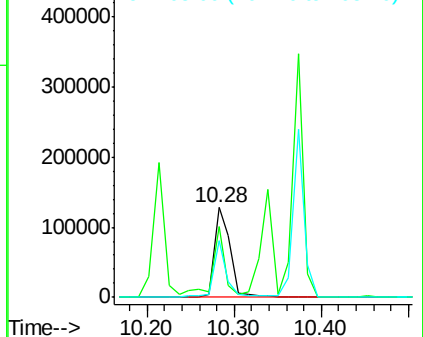
105 62.8 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.25 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

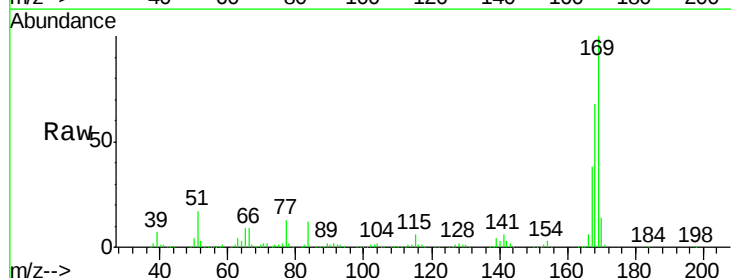
Tgt Ion:169 Resp: 827368

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

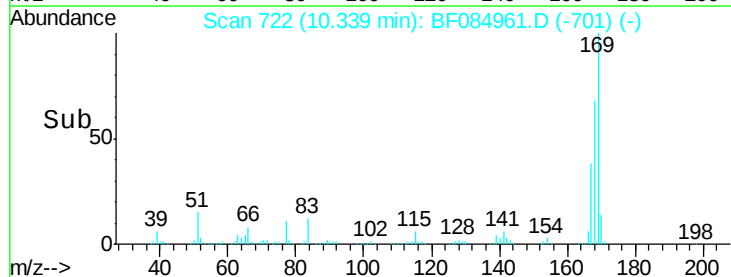
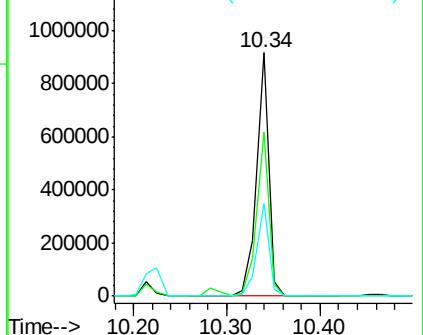
167 37.8 30.0 45.0

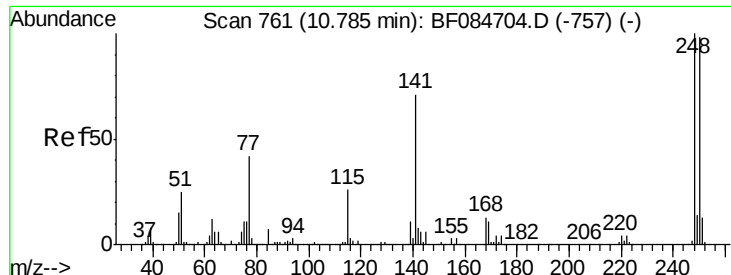


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

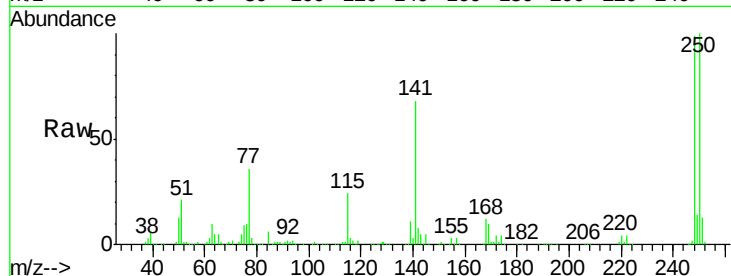




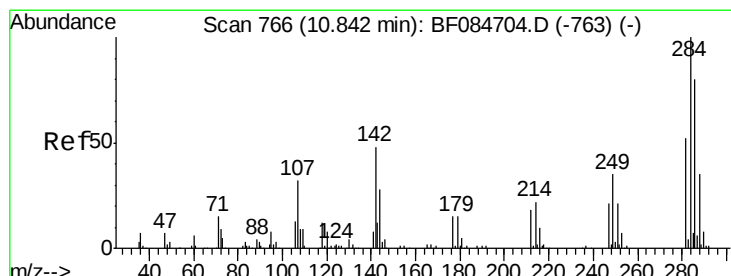
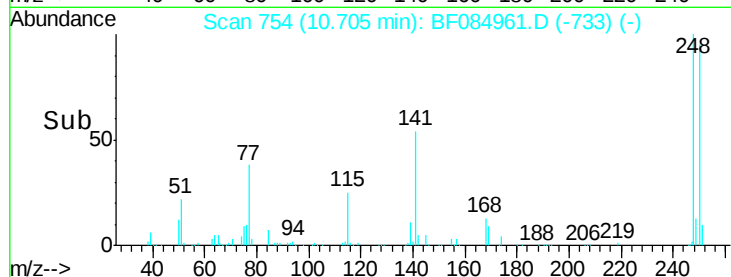
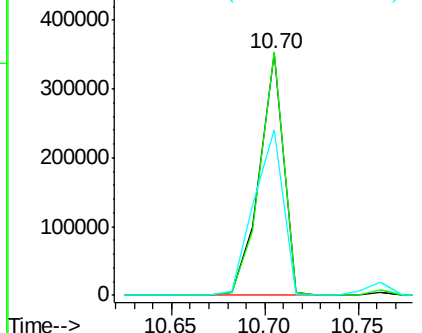
#66
 4-Bromophenyl-phenylether
 Concen: 40.81 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 315301
 Ion Ratio Lower Upper
 248 100
 250 100.7 78.4 117.6
 141 68.7 44.0 66.0#

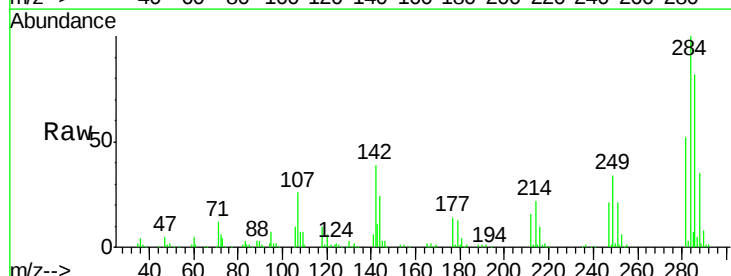


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

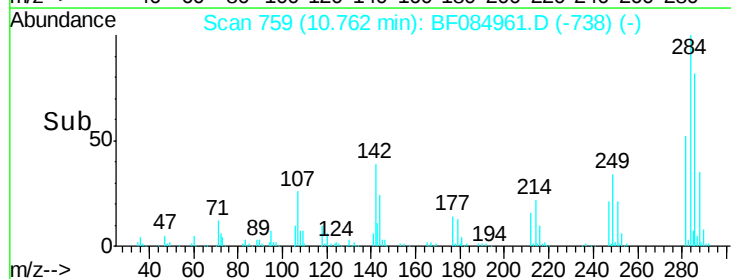
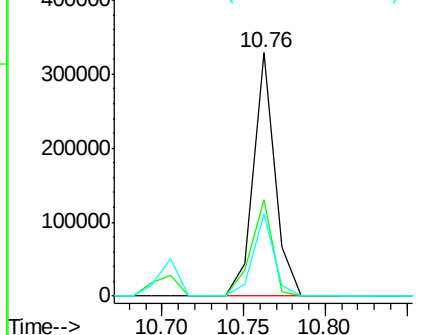


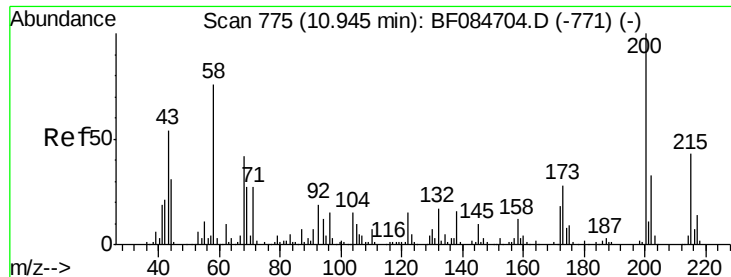
#67
 Hexachlorobenzene
 Concen: 35.83 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:284 Resp: 301674
 Ion Ratio Lower Upper
 284 100
 142 39.5 22.2 33.4#
 249 33.7 24.6 37.0



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: 43.24 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

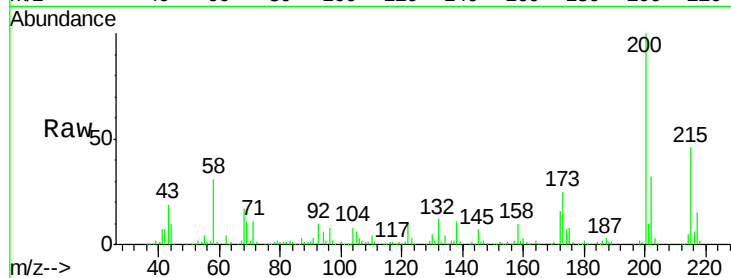
Tgt Ion:200 Resp: 303331

Ion Ratio Lower Upper

200 100

173 25.4 9.5 49.5

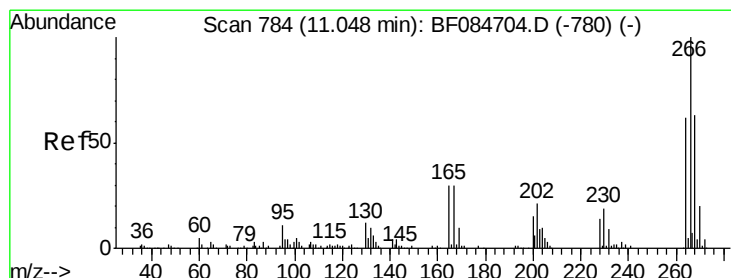
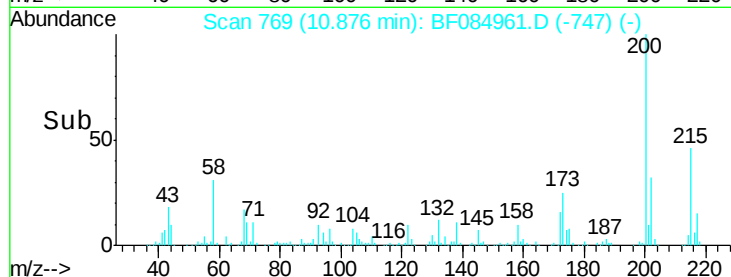
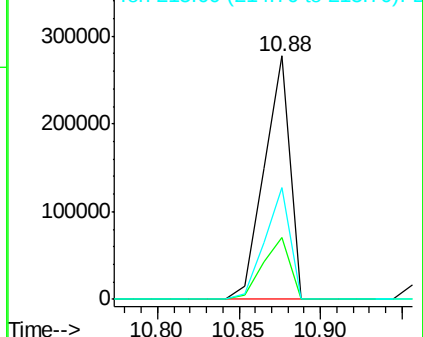
215 45.8 23.8 63.8



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: 32.21 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

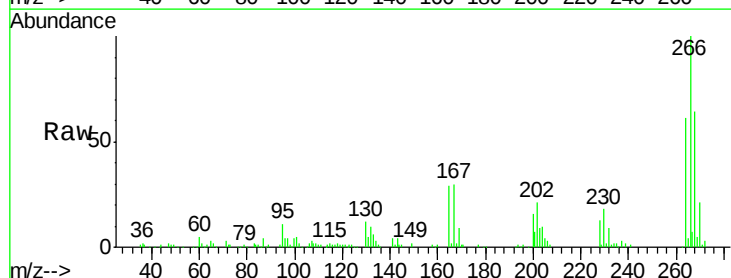
Tgt Ion:266 Resp: 127444

Ion Ratio Lower Upper

266 100

268 64.4 52.4 78.6

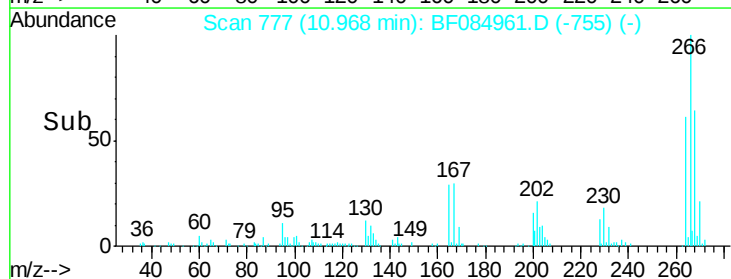
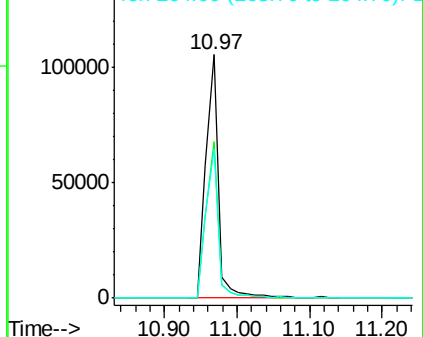
264 60.9 50.2 75.2

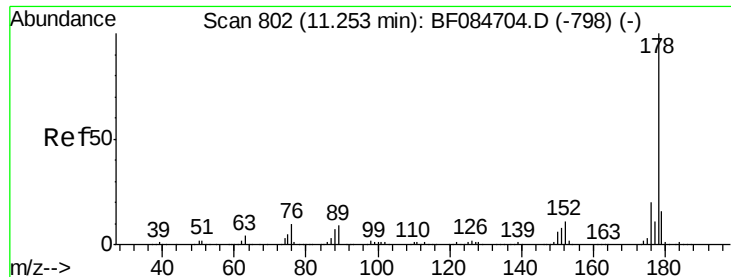


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.66 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

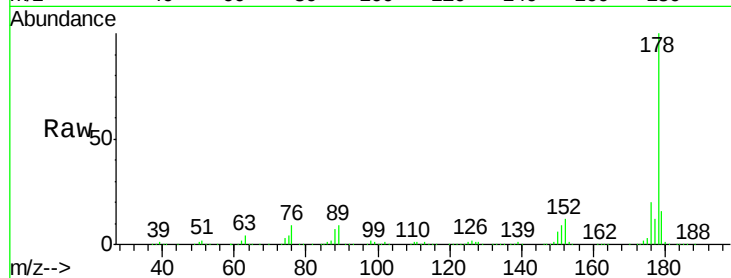
Tgt Ion:178 Resp: 1344763

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

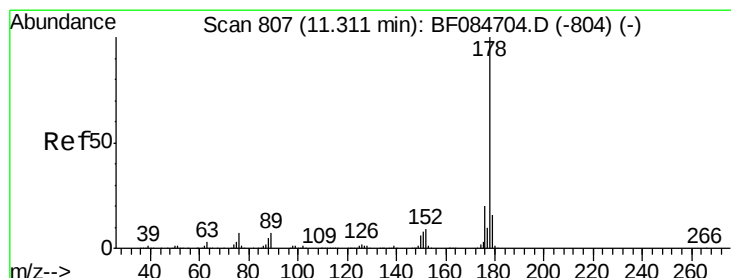
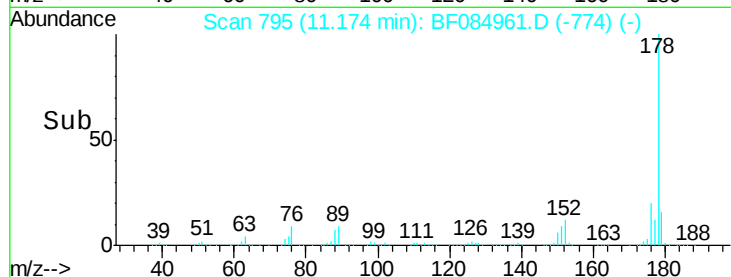
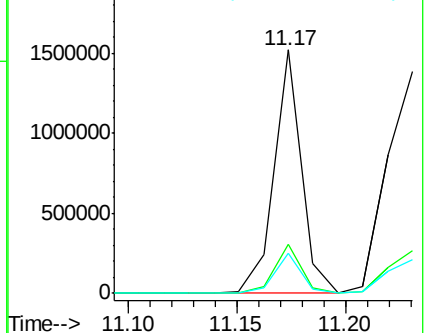
179 16.3 12.0 18.0



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: 40.45 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

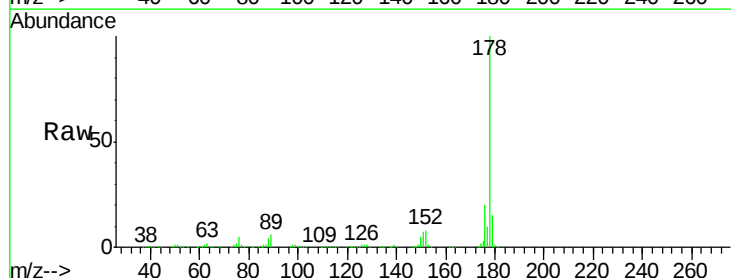
Tgt Ion:178 Resp: 1581539

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

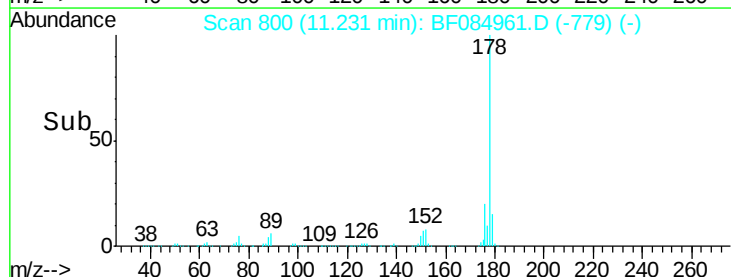
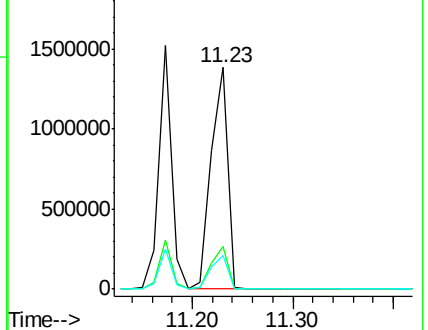
179 15.5 12.5 18.7

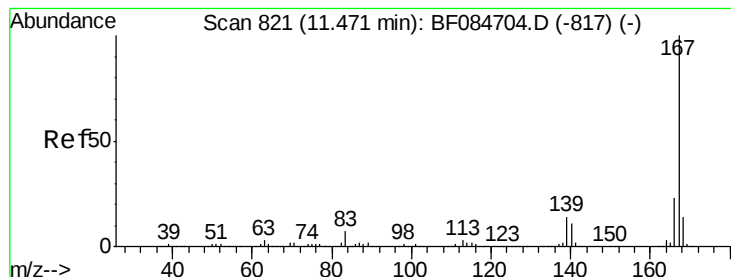


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.94 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

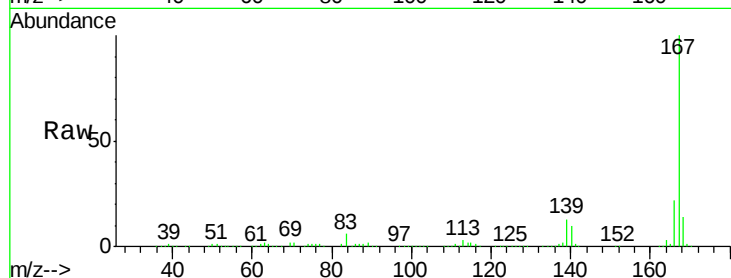
Tgt Ion:167 Resp: 1395652

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

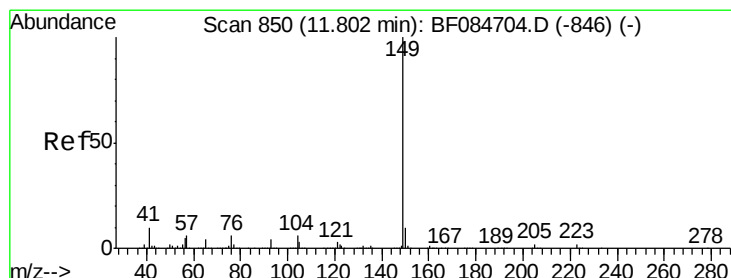
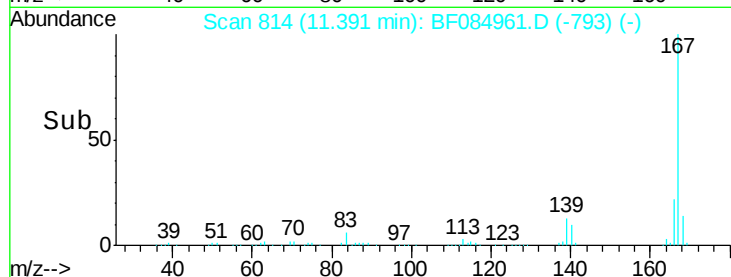
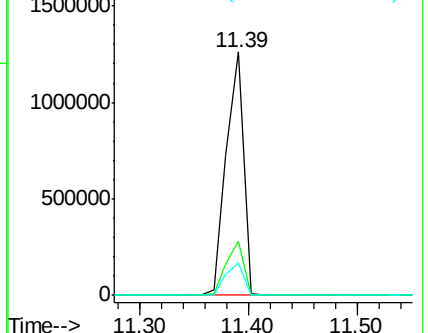
139 13.3 11.8 17.8



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: 35.27 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

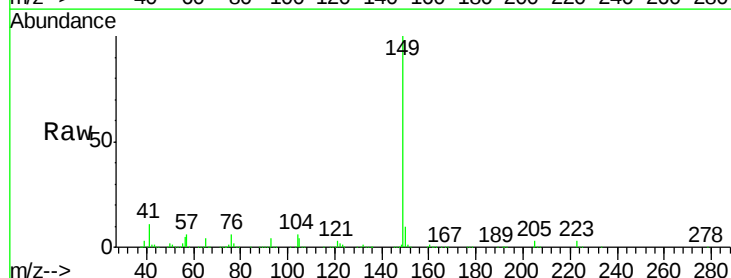
Tgt Ion:149 Resp: 1530831

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

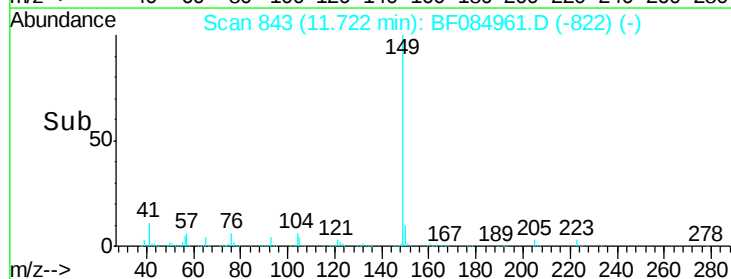
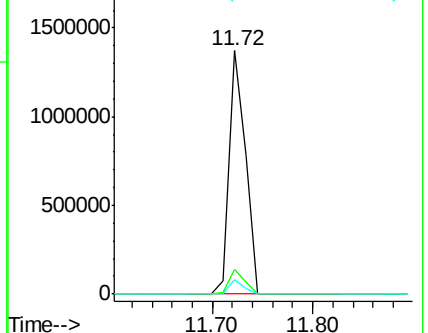
104 6.0 3.2 4.8#

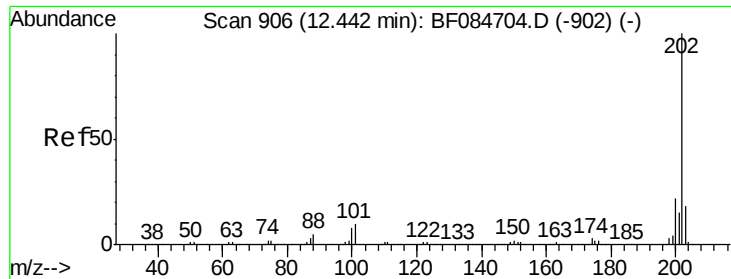


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

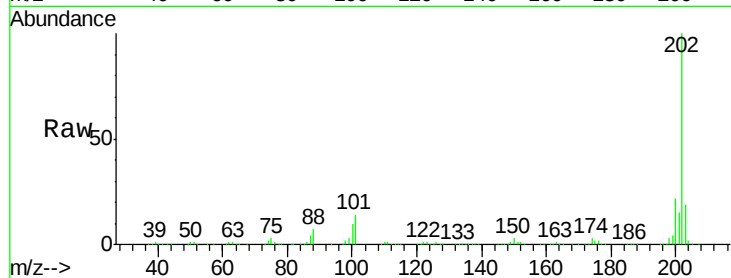




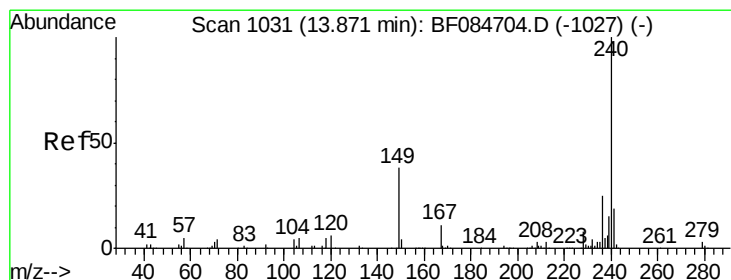
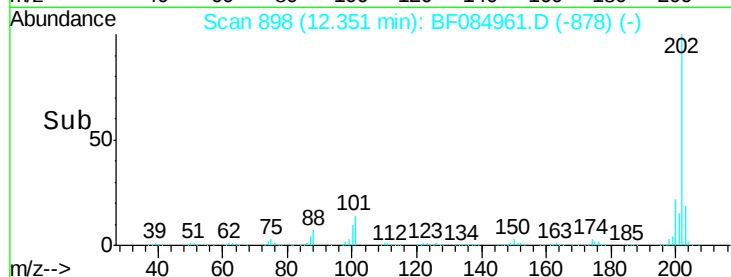
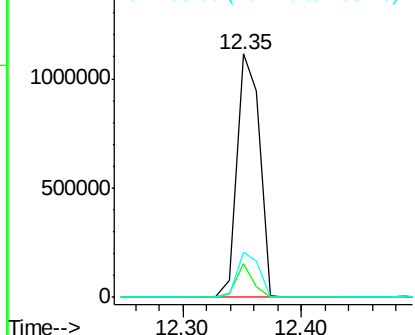
#74
Fluoranthene
Concen: 37.54 ng
RT: 12.35 min Scan# 898
Delta R.T. -0.07 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 202 Resp: 1474266
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.8
203 18.5 0.0 37.9

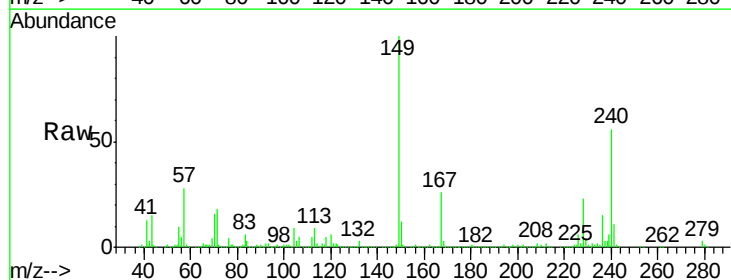


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

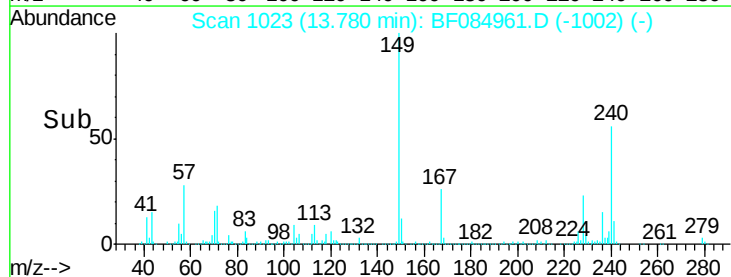
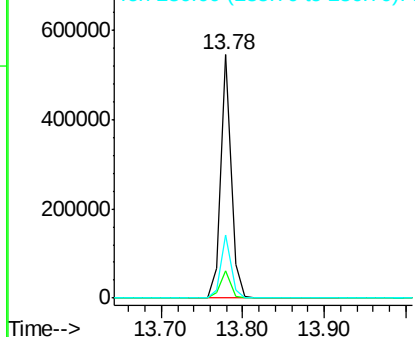


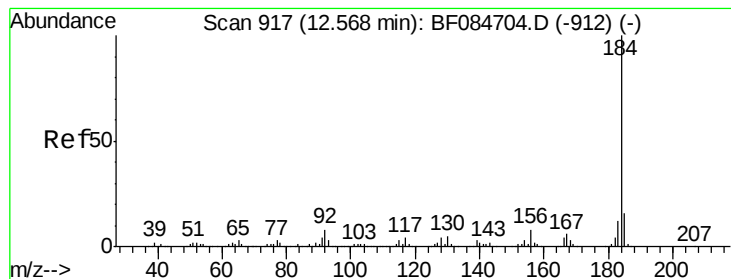
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 240 Resp: 479328
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.2 20.6 31.0



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: 43.14 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

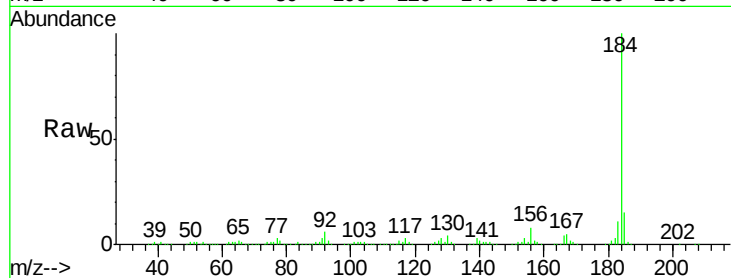
Tgt Ion:184 Resp: 719912

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

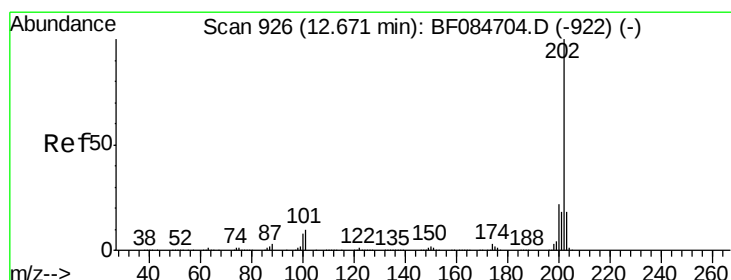
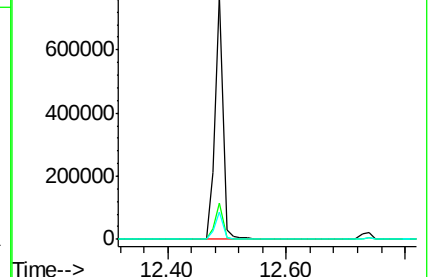
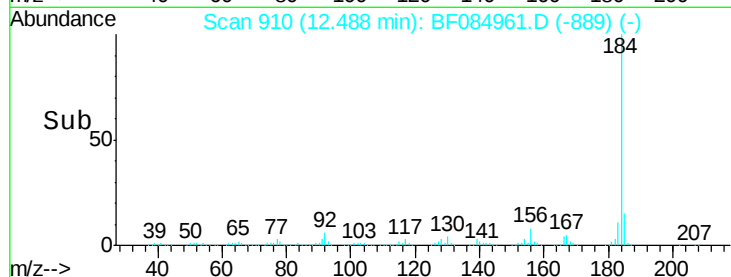
183 11.4 9.8 14.8



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: 37.84 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

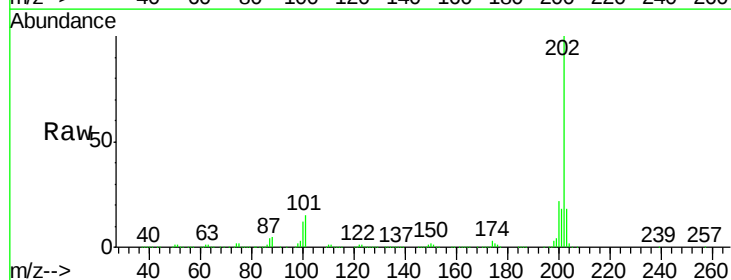
Tgt Ion:202 Resp: 1388562

Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

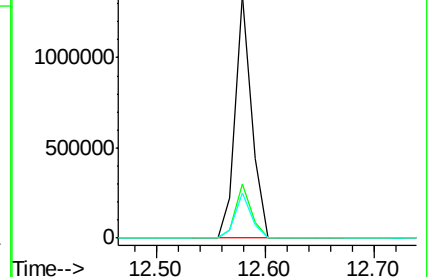
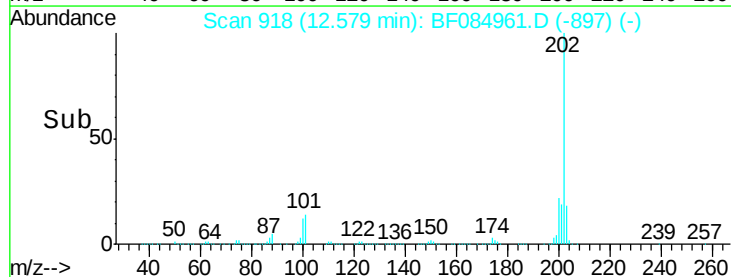
203 18.3 14.3 21.5

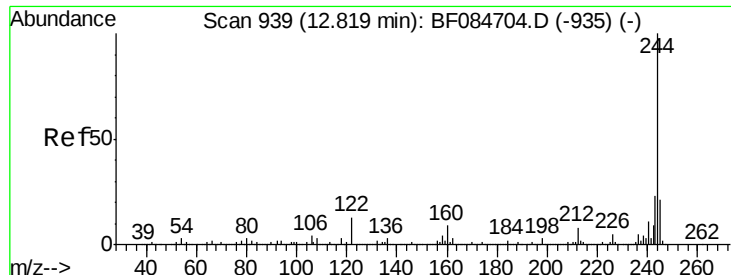


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

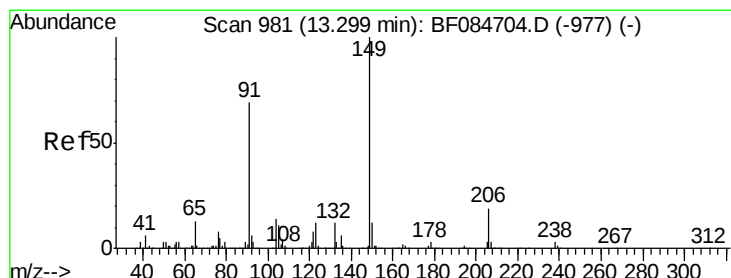
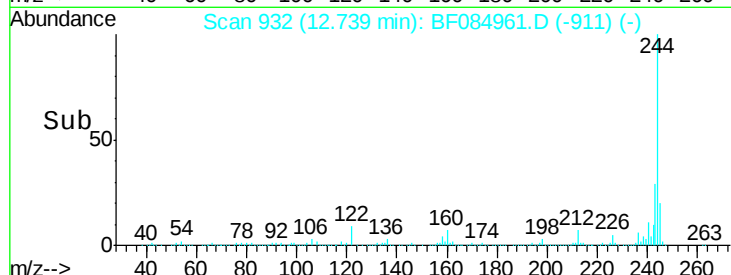
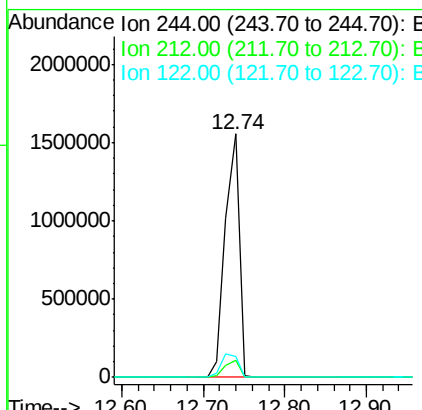
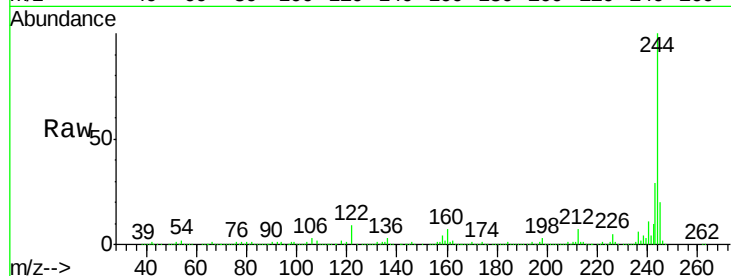




#78
 Terphenyl-d14
 Concen: 87.48 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

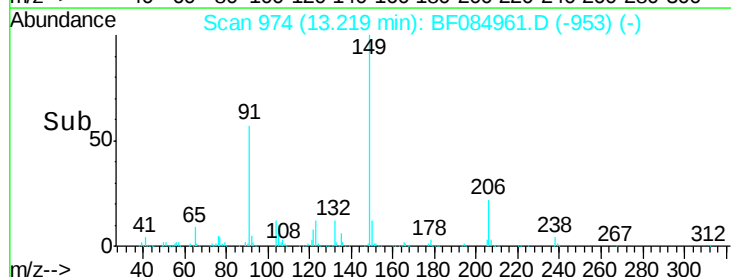
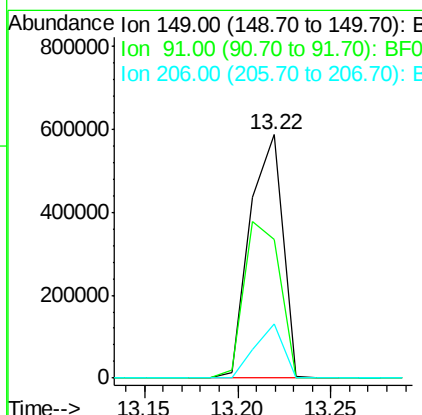
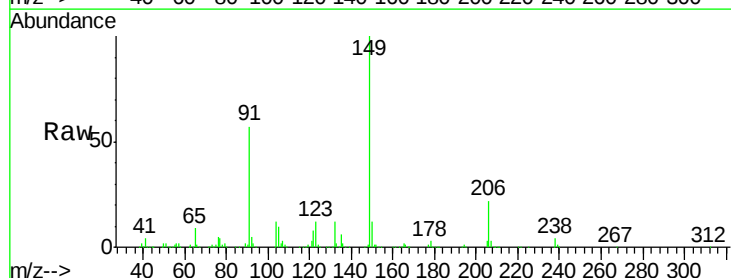
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

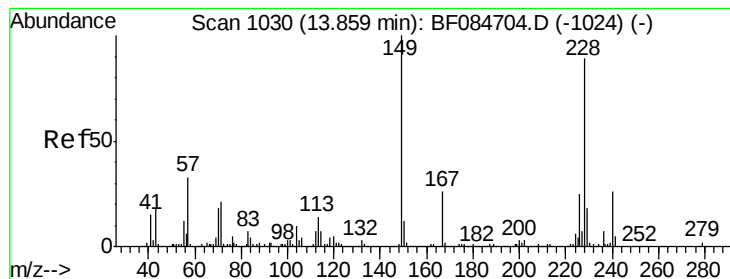
Tgt Ion:244 Resp: 1850452
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.8 7.4 11.0



#79
 Butylbenzylphthalate
 Concen: 43.00 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:149 Resp: 715820
 Ion Ratio Lower Upper
 149 100
 91 57.0 57.6 86.4#
 206 22.4 13.2 19.8#





#80

Benzo(a)anthracene

Concen: 40.04 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

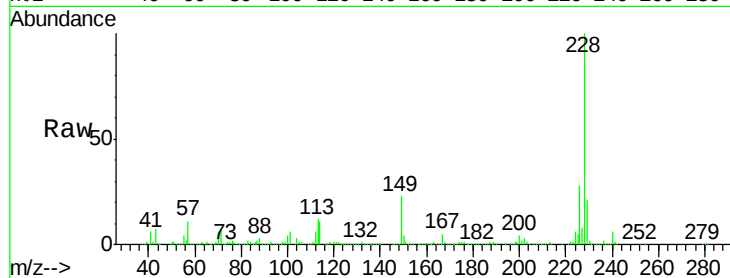
Tgt Ion:228 Resp: 1191060

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

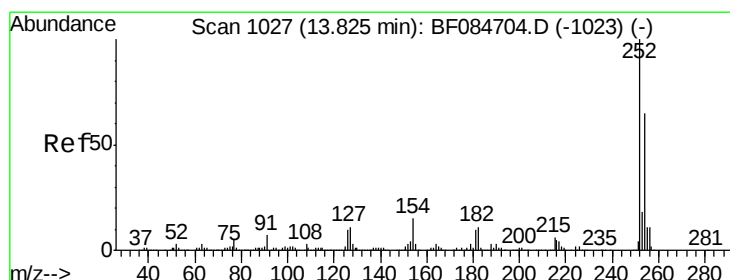
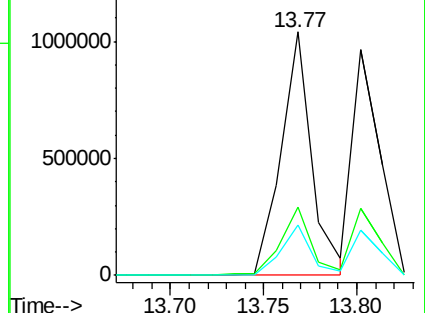
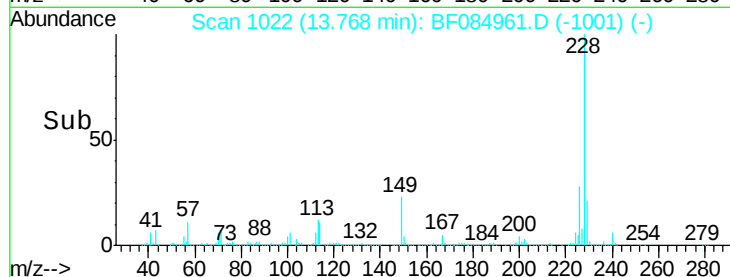
229 20.9 15.8 23.8



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: 40.44 ng

RT: 13.75 min Scan# 1020

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

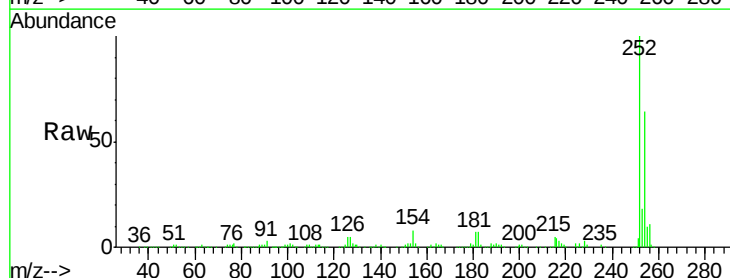
Tgt Ion:252 Resp: 425980

Ion Ratio Lower Upper

252 100

254 64.5 53.5 80.3

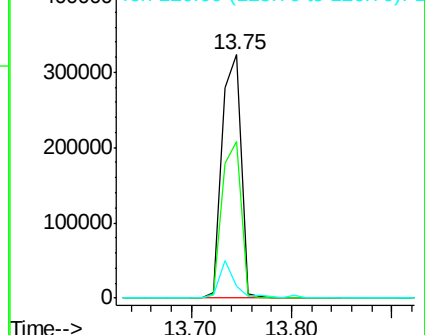
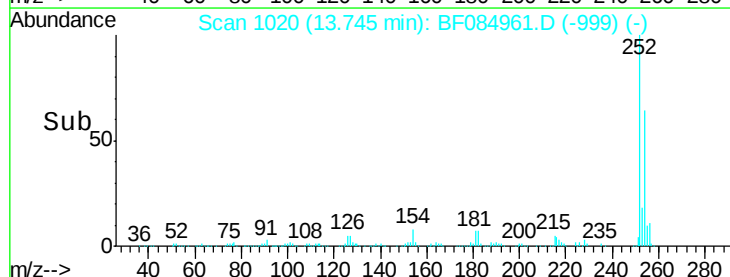
126 4.9 4.9 7.3

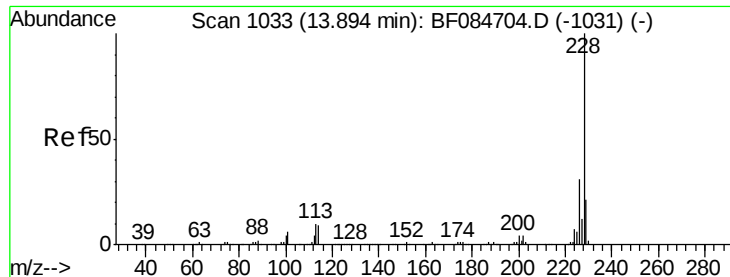


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.96 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

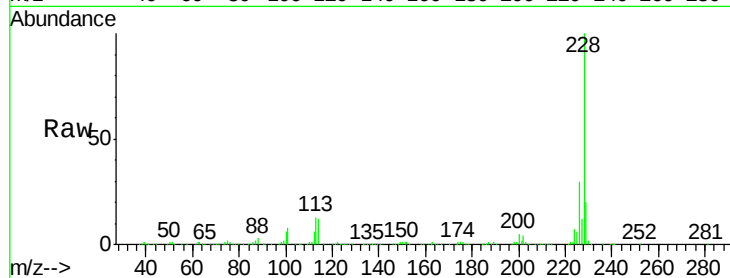
Tgt Ion:228 Resp: 1008641

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

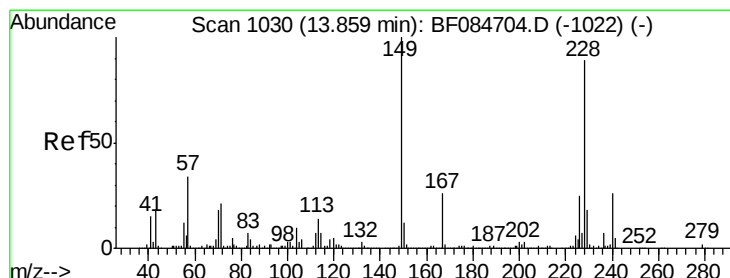
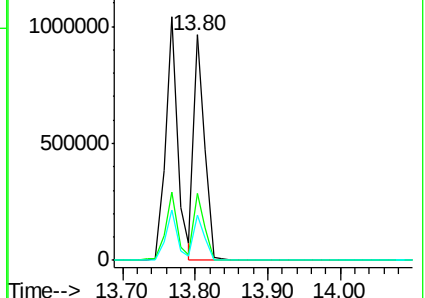
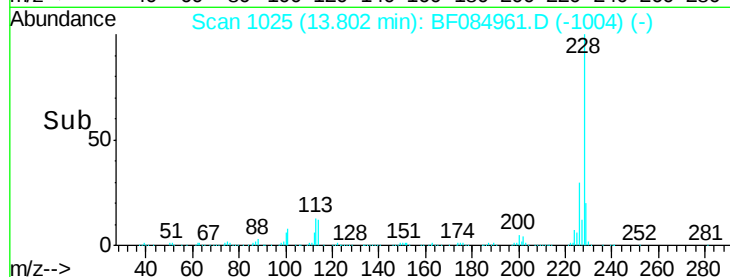
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.21 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

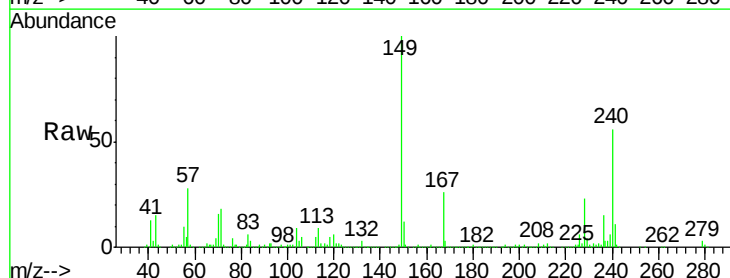
Tgt Ion:149 Resp: 874599

Ion Ratio Lower Upper

149 100

167 26.1 19.7 29.5

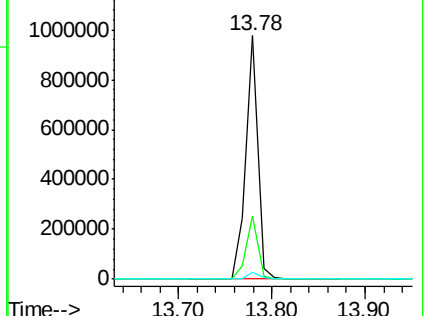
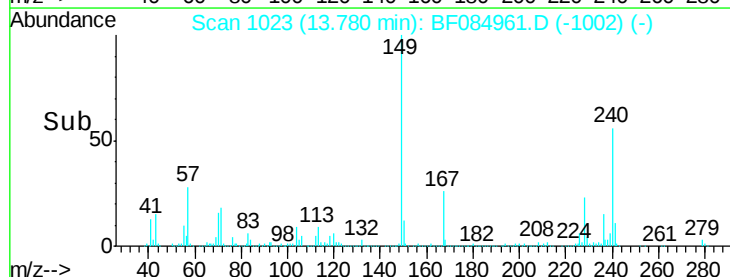
279 2.8 1.8 2.6#

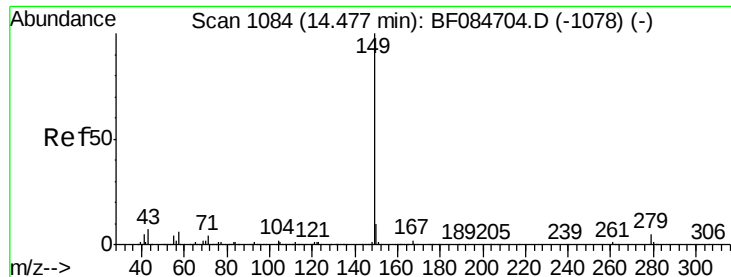


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

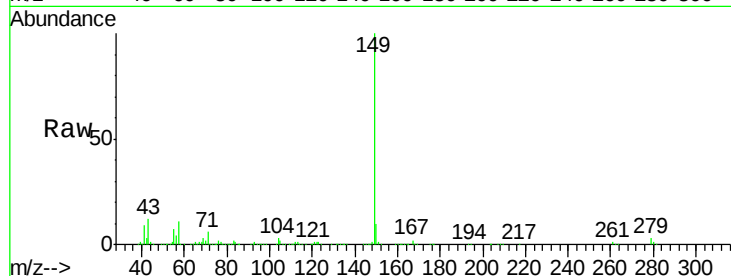




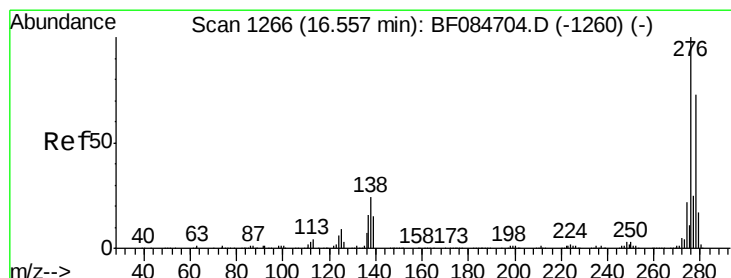
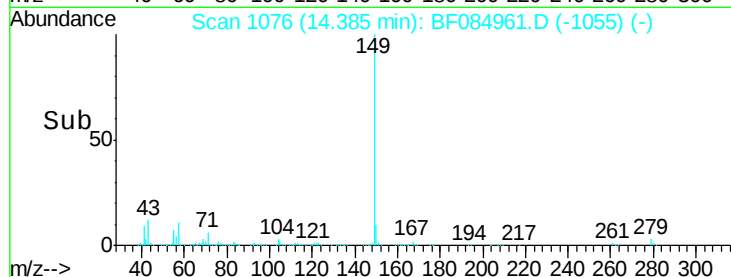
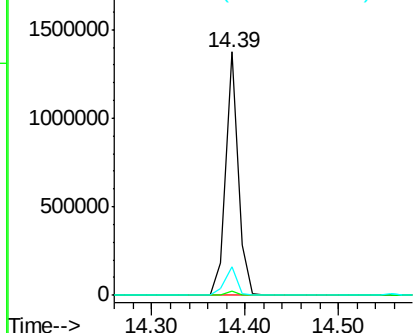
#84
Di-n-octyl phthalate
Concen: 37.22 ng
RT: 14.39 min Scan# 1076
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1272176
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 5.6 8.4#

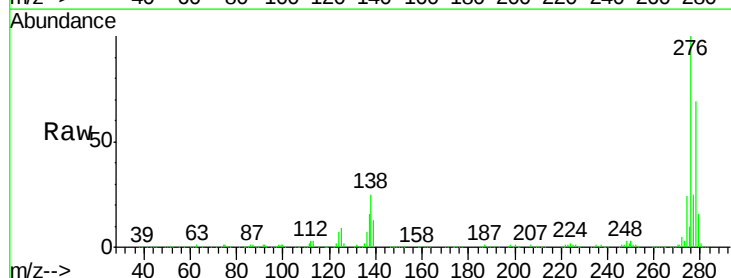


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

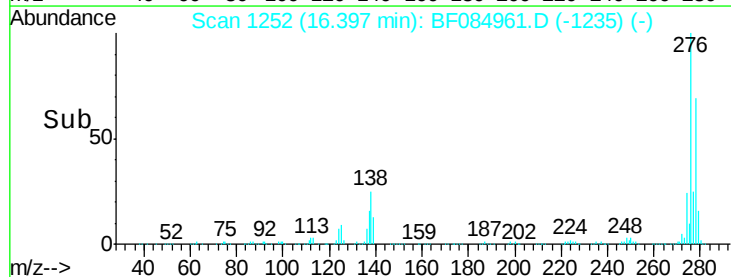
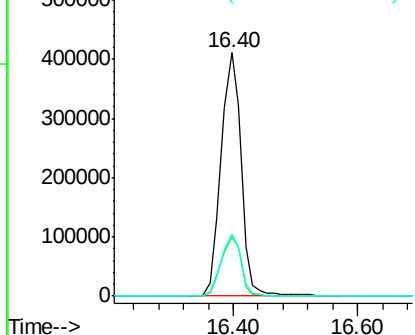


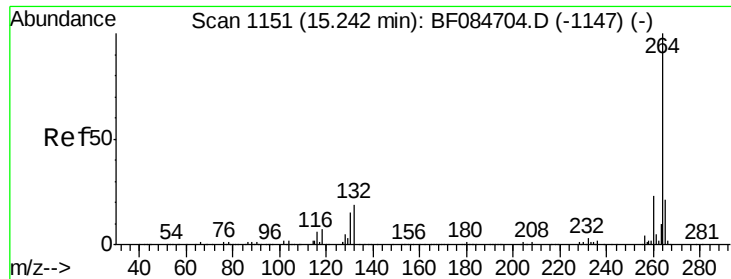
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.66 ng
RT: 16.40 min Scan# 1252
Delta R.T. -0.10 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion:276 Resp: 923205
Ion Ratio Lower Upper
276 100
138 24.5 20.6 30.8
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

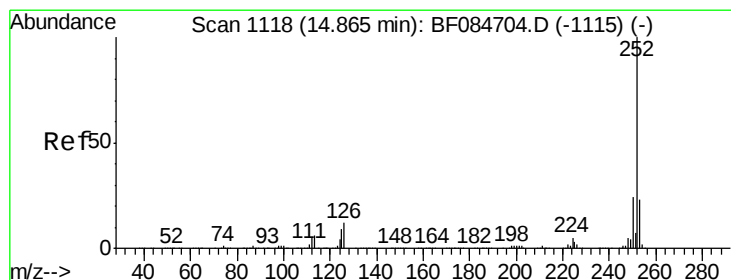
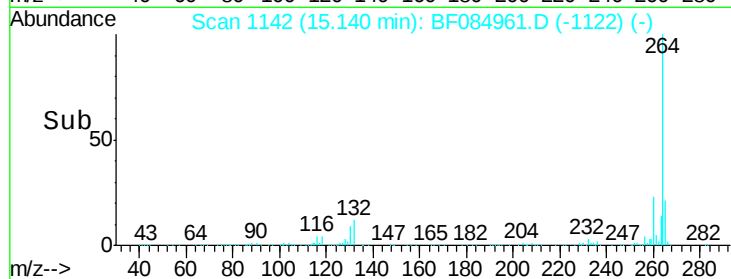
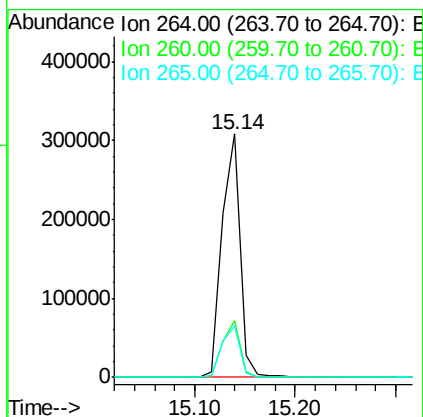
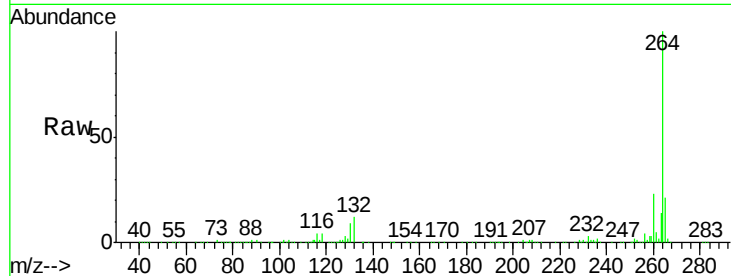




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

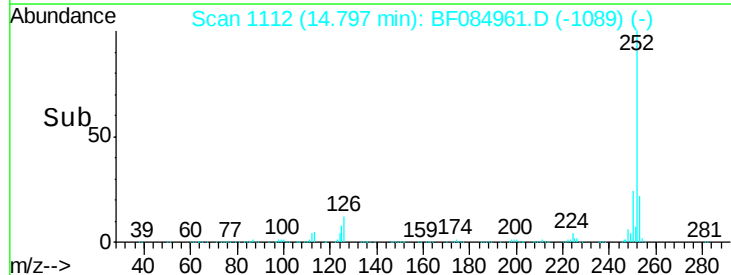
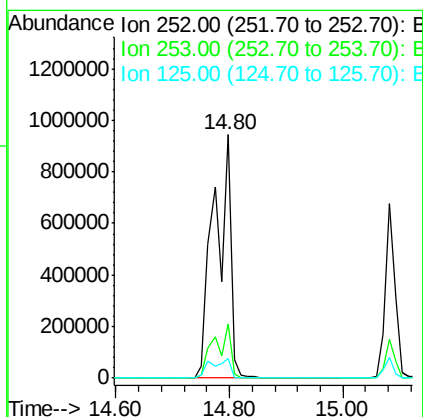
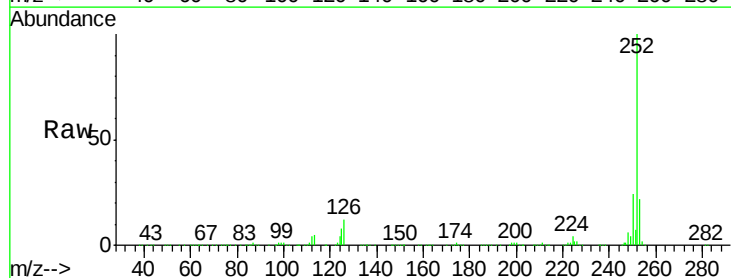
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

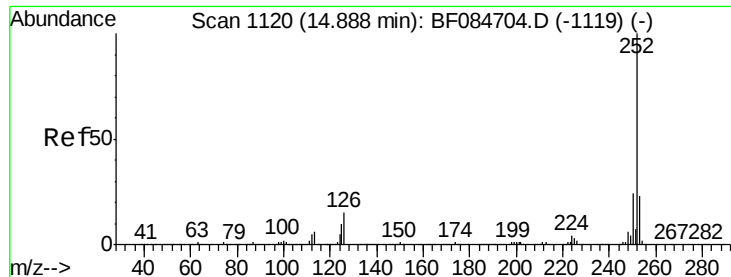
Tgt Ion: 264 Resp: 386226
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 72.45 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion: 252 Resp: 1880151
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 8.1 6.5 9.7





#88

Benzo(k)fluoranthene

Concen: 87.63 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

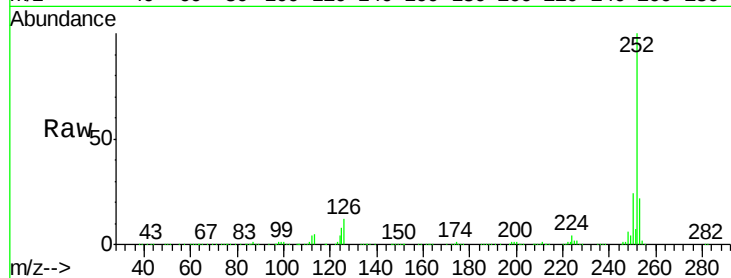
Tgt Ion:252 Resp: 1880151

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

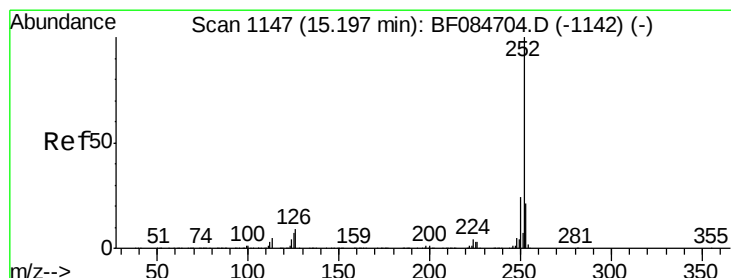
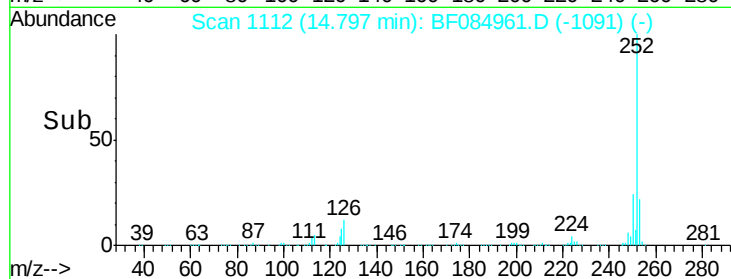
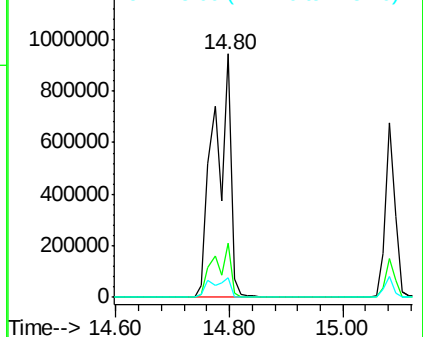
125 8.1 9.0 13.6#



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: 37.50 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

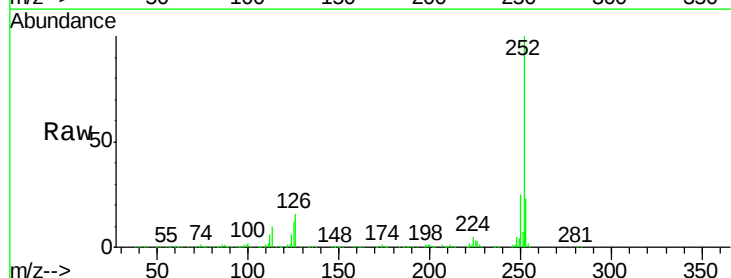
Tgt Ion:252 Resp: 829068

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

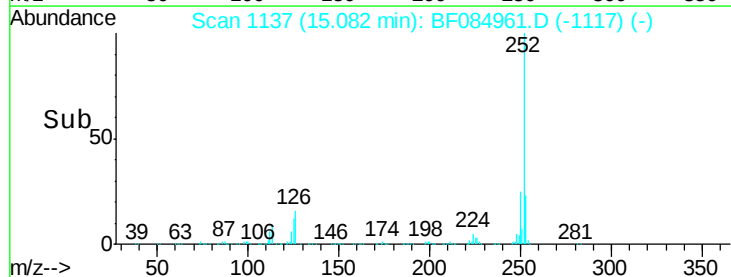
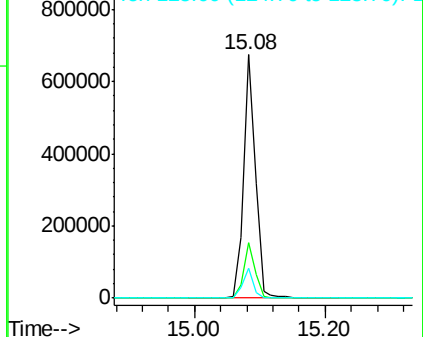
125 12.1 7.0 10.4#

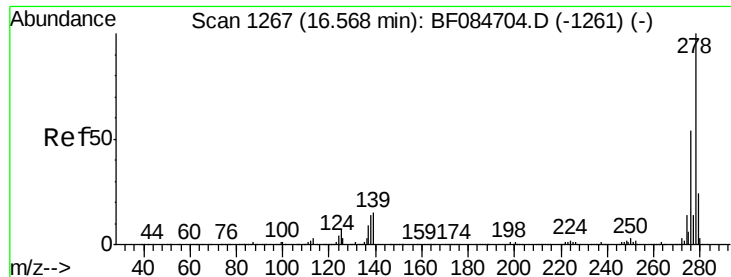


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 41.09 ng

RT: 16.41 min Scan# 1253

Delta R.T. -0.10 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

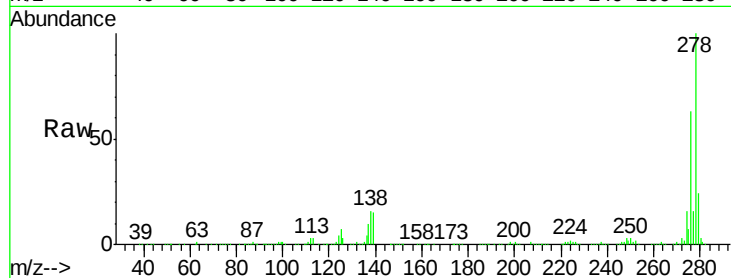
Tgt Ion: 278 Resp: 764748

Ion Ratio Lower Upper

278 100

139 15.1 15.0 22.4

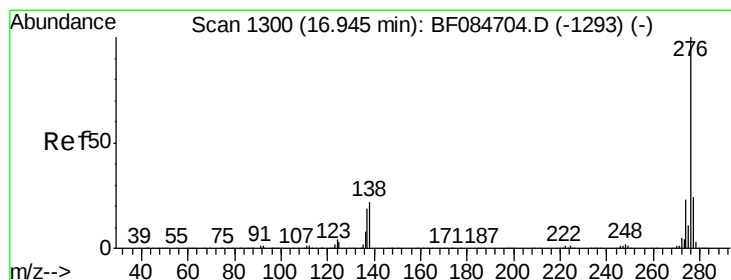
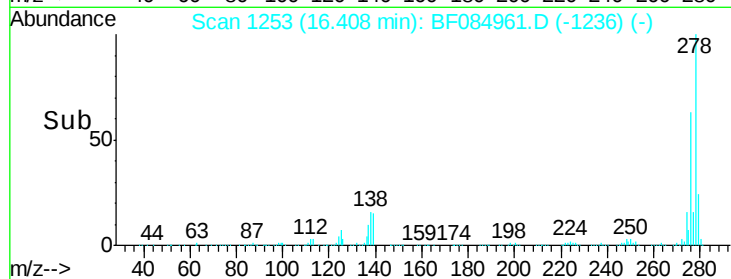
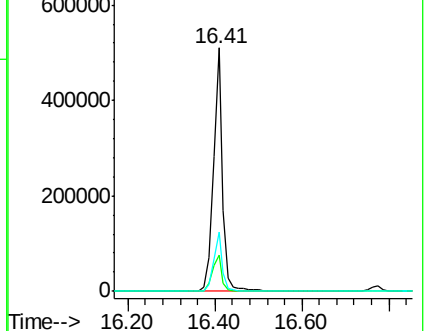
279 24.1 18.9 28.3



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: 42.82 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

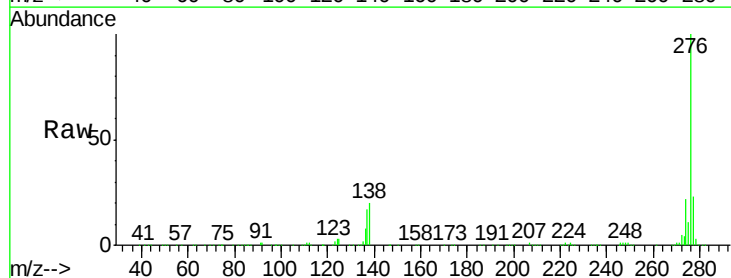
Tgt Ion: 276 Resp: 802921

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.6 17.8 26.6



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

