

Data Path : Z:\HPCHEM1\BNA_F\Data\BF020516\
 Data File : BF084854.D
 Acq On : 5 Feb 2016 12:40
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 05 22:12:32 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	6.66	152	176958	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	722382	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	336664	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	581642	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	381557	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332646	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	816453	71.86	ng	-0.03
7) Phenol-d6	6.32	99	1010909	71.78	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1044676	81.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	255554	72.77	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1789025	92.05	ng	-0.02
78) Terphenyl-d14	12.76	244	1400689	83.19	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	2.78	79	509086	39.26	ng	# 74
4) n-Nitrosodimethylamine	2.74	42	258374	38.53	ng	81
6) Aniline	6.33	93	682659	39.61	ng	# 71
8) 2-Chlorophenol	6.45	128	506449	39.38	ng	91
9) Benzaldehyde	6.20	77	300382	36.12	ng	96
10) Phenol	6.33	94	534122	33.85	ng	# 60
11) bis(2-Chloroethyl)ether	6.41	93	469721	38.18	ng	84
12) 1,3-Dichlorobenzene	6.60	146	537099	39.53	ng	97
13) 1,4-Dichlorobenzene	6.68	146	553658	40.76	ng	94
14) 1,2-Dichlorobenzene	6.83	146	436953	34.54	ng	94
15) Benzyl Alcohol	6.82	79	375412	38.60	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	781305	37.75	ng	86
17) 2-Methylphenol	6.94	107	410301	40.34	ng	# 92
18) Hexachloroethane	7.17	117	202370	38.69	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	318612	36.09	ng	# 75
20) 3+4-Methylphenols	7.09	107	484351	38.37	ng	# 69
22) Acetophenone	7.08	105	699522	36.74	ng	# 97
24) Nitrobenzene	7.25	77	461422	33.60	ng	93
25) Isophorone	7.50	82	956619	38.36	ng	97
26) 2-Nitrophenol	7.57	139	281792	41.61	ng	# 90
27) 2,4-Dimethylphenol	7.62	122	413025	35.06	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	545957	36.91	ng	# 97
29) 2,4-Dichlorophenol	7.82	162	384804	38.18	ng	92
30) 1,2,4-Trichlorobenzene	7.89	180	417468	36.67	ng	96
31) Naphthalene	7.97	128	1332347	36.77	ng	99
32) Benzoic acid	7.77	122	300189	39.84	ng	95
33) 4-Chloroaniline	8.03	127	558081	37.24	ng	98
34) Hexachlorobutadiene	8.10	225	250766	38.20	ng	96
35) Caprolactam	8.42	113	122090	39.30	ng	# 52
36) 4-Chloro-3-methylphenol	8.52	107	418678	36.41	ng	94
37) 2-Methylnaphthalene	8.66	142	812230	35.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	414427	38.76	ng	99
40) Hexachlorocyclopentadiene	8.82	237	176706	45.66	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	257095	37.32	ng	97

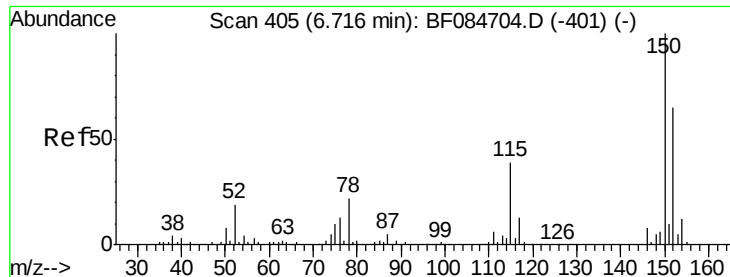
Data Path : Z:\HPCHEM1\BNA_F\Data\BF020516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	283689	40.53	ng	# 93
45) 1,1'-Biphenyl	9.13	154	1037745	34.51	ng	99
46) 2-Chloronaphthalene	9.15	162	814694	36.79	ng	94
47) 2-Nitroaniline	9.25	65	283464	40.43	ng	93
48) Acenaphthylene	9.56	152	1262411	37.57	ng	98
49) Dimethylphthalate	9.44	163	923067	36.00	ng	# 89
50) 2,6-Dinitrotoluene	9.50	165	219233	39.14	ng	# 84
51) Acenaphthene	9.73	154	848104	38.79	ng	97
52) 3-Nitroaniline	9.66	138	216690	34.43	ng	95
53) 2,4-Dinitrophenol	9.78	184	91808	38.74	ng	# 81
54) Dibenzofuran	9.90	168	973514	36.43	ng	93
55) 4-Nitrophenol	9.84	139	161607	34.93	ng	# 74
56) 2,4-Dinitrotoluene	9.90	165	290135	40.61	ng	90
57) Fluorene	10.25	166	865988	38.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	220725	41.43	ng	88
59) Diethylphthalate	10.13	149	892298	35.64	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	430912	46.15	ng	90
61) 4-Nitroaniline	10.28	138	259531	42.31	ng	86
62) Azobenzene	10.41	77	931653	38.70	ng	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	142758	39.77	ng	# 54
65) n-Nitrosodiphenylamine	10.36	169	701881	38.00	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	252722	39.34	ng	# 75
67) Hexachlorobenzene	10.80	284	304087	43.44	ng	# 90
68) Atrazine	10.90	200	252099	43.22	ng	99
69) Pentachlorophenol	10.99	266	142890	43.43	ng	99
70) Phenanthrene	11.21	178	1307239	40.52	ng	99
71) Anthracene	11.25	178	1254107	38.58	ng	99
72) Carbazole	11.41	167	1087272	38.36	ng	99
73) Di-n-butylphthalate	11.76	149	1512685	41.92	ng	# 97
74) Fluoranthene	12.39	202	1288762	39.47	ng	97
76) Benzidine	12.51	184	516327	38.34	ng	99
77) Pyrene	12.61	202	1389252	47.56	ng	100
79) Butylbenzylphthalate	13.24	149	571695	43.14	ng	95
80) Benzo(a)anthracene	13.79	228	1000608	42.25	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	374718	44.69	ng	# 95
82) Chrysene	13.84	228	1025795	44.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	695795	42.19	ng	100
84) Di-n-octyl phthalate	14.42	149	1123916	41.31	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.44	276	845253	46.76	ng	98
87) Benzo(b)fluoranthene	14.80	252	1528795	68.40	ng	# 96
88) Benzo(k)fluoranthene	14.80	252	1528811	82.73	ng	99
89) Benzo(a)pyrene	15.12	252	727389	38.20	ng	# 97
90) Dibenzo(a,h)anthracene	16.45	278	689475	43.01	ng	99
91) Benzo(g,h,i)perylene	16.83	276	715444	44.30	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

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Acq: 5 Feb 2016 12:40

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SSTDCCC040

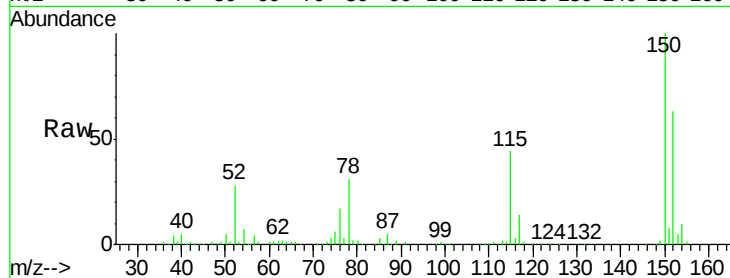
Tgt Ion:152 Resp: 176958

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

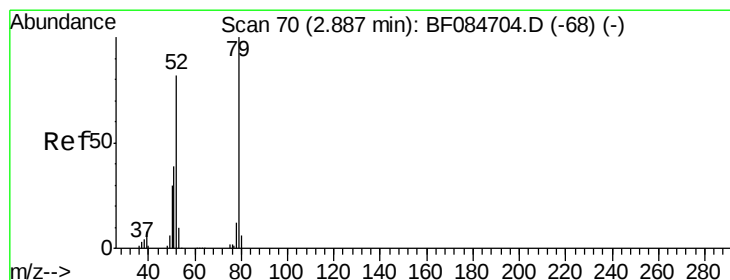
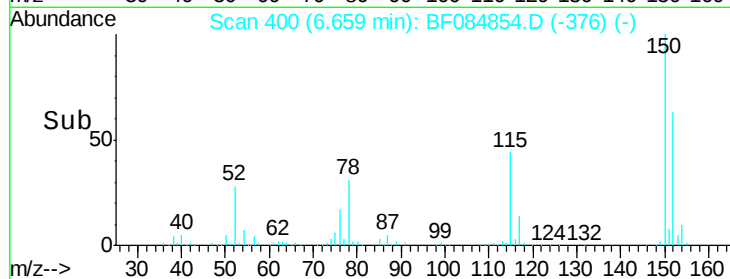
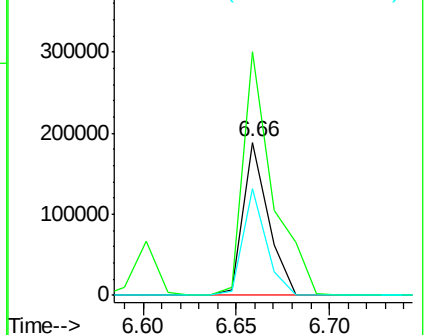
115 69.4 51.4 77.2



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: 39.26 ng

RT: 2.78 min Scan# 61

Delta R.T. -0.06 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

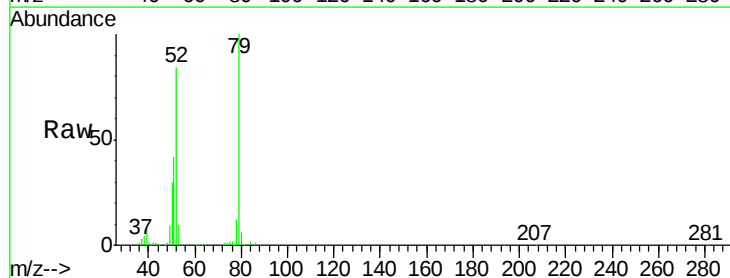
Tgt Ion: 79 Resp: 509086

Ion Ratio Lower Upper

79 100

52 84.3 49.0 73.4#

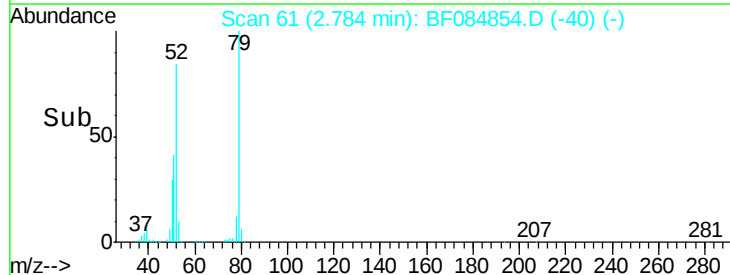
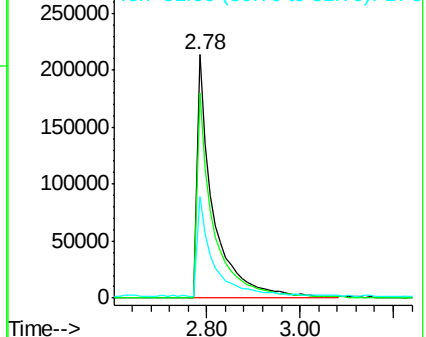
51 41.9 25.2 37.8#

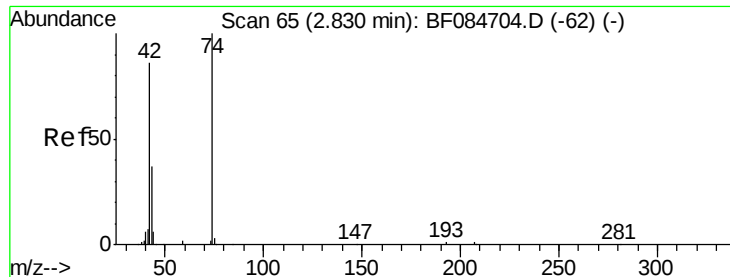


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 38.53 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.06 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

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ClientSampleId :

SSTDCCC040

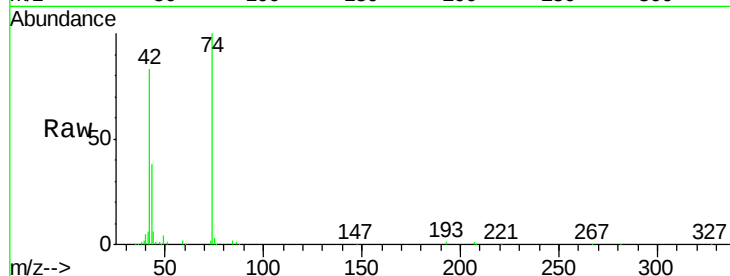
Tgt Ion: 42 Resp: 258374

Ion Ratio Lower Upper

42 100

74 120.1 115.7 173.5

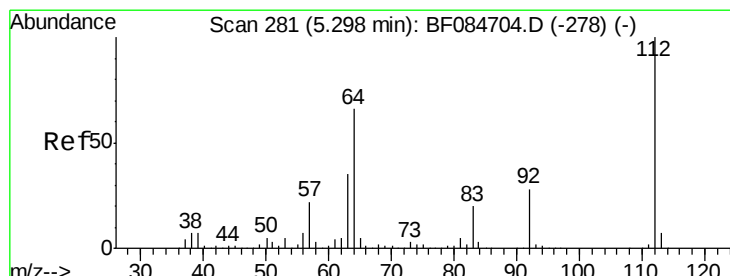
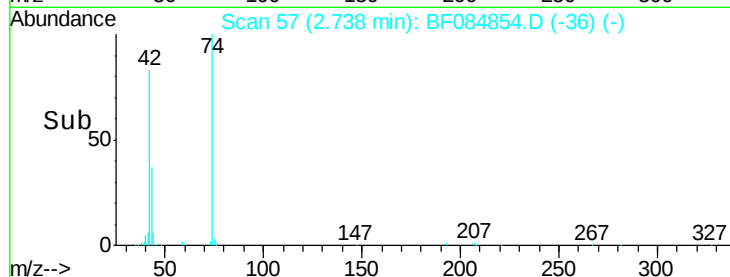
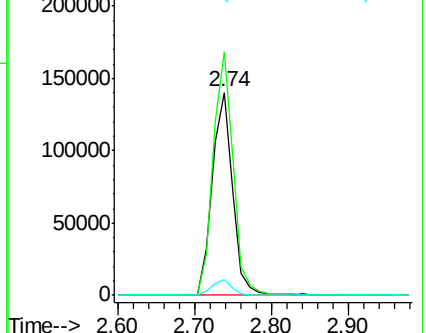
44 7.6 5.1 7.7



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: 71.86 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

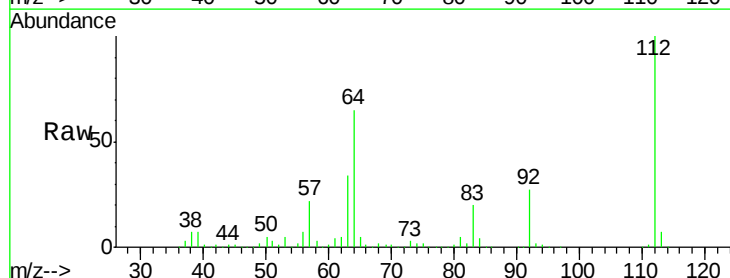
Tgt Ion: 112 Resp: 816453

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

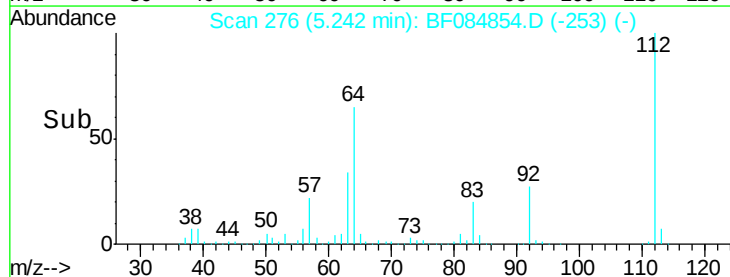
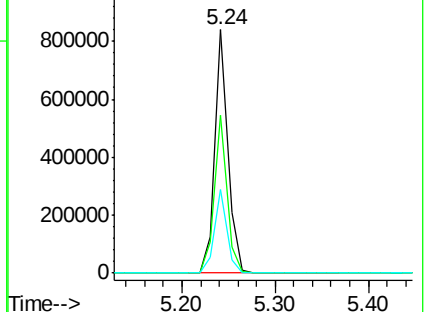
63 34.3 19.4 29.0#

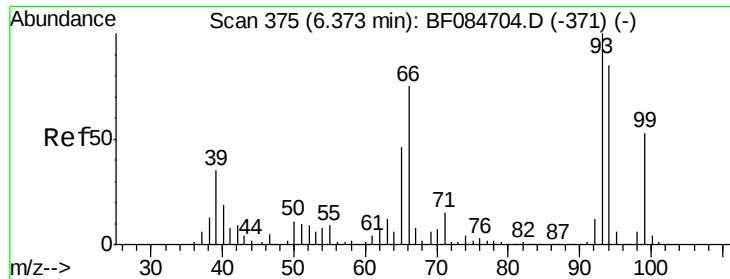


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 39.61 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

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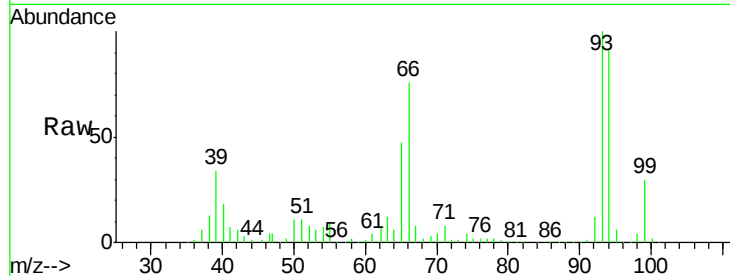
Tgt Ion: 93 Resp: 682659

Ion Ratio Lower Upper

93 100

66 76.4 44.9 67.3#

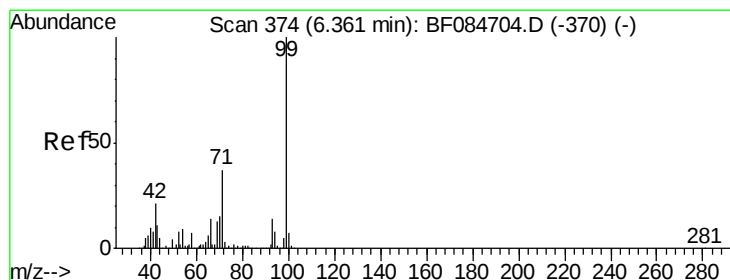
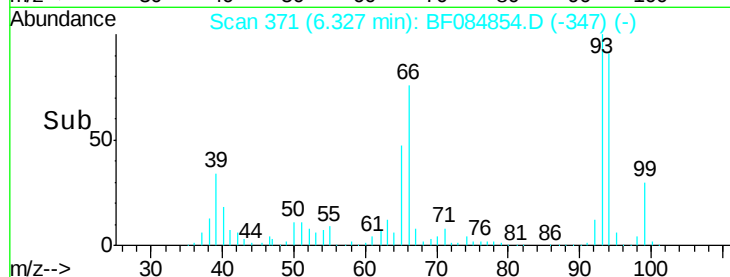
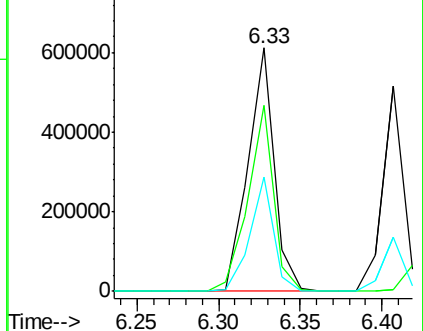
65 47.1 23.7 35.5#



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: 71.78 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

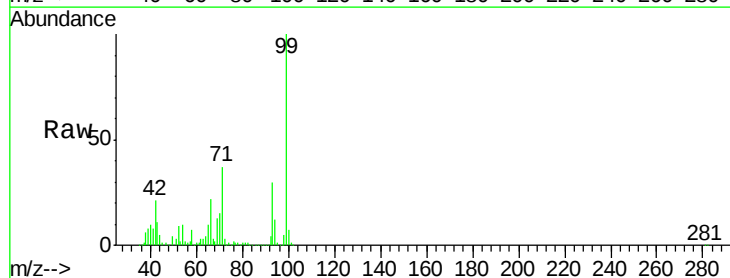
Tgt Ion: 99 Resp: 1010909

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

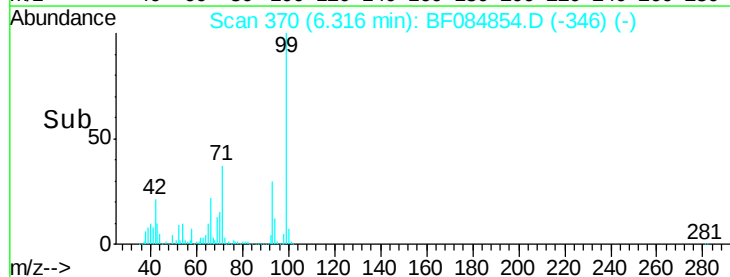
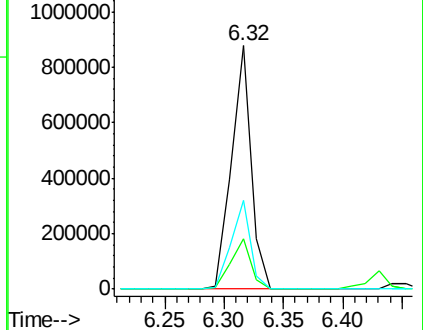
71 36.7 30.9 46.3

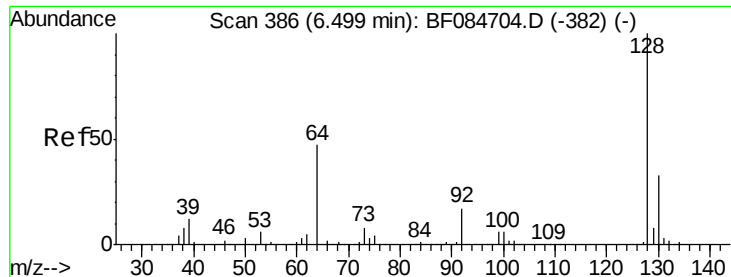


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 39.38 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

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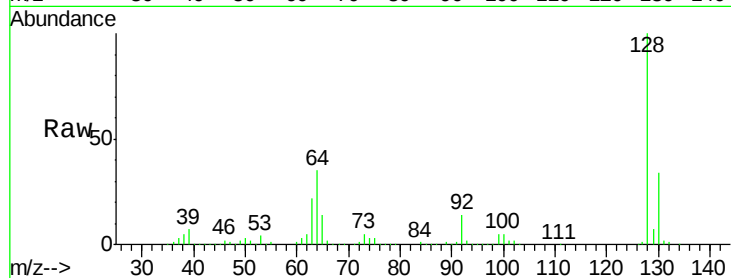
Tgt Ion:128 Resp: 506449

Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

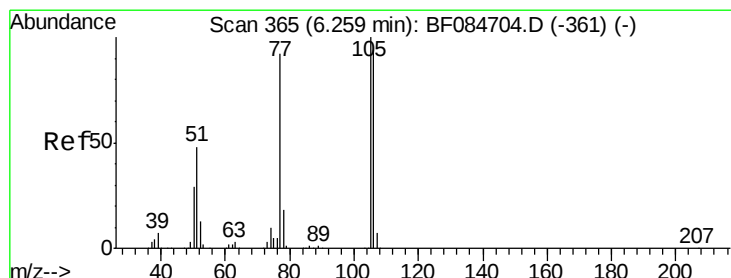
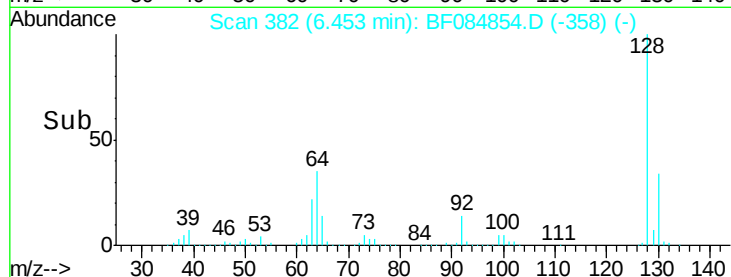
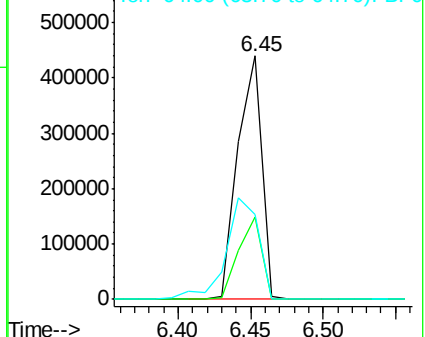
64 35.0 23.8 63.8



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: 36.12 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

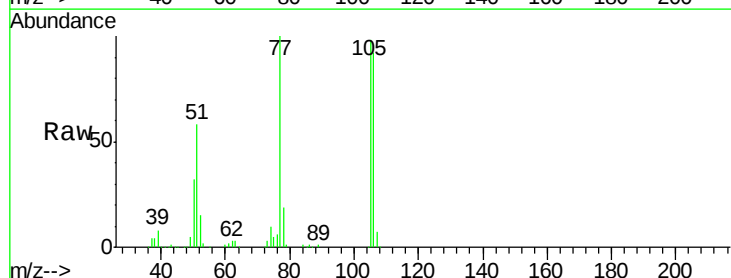
Tgt Ion: 77 Resp: 300382

Ion Ratio Lower Upper

77 100

105 98.1 83.0 123.0

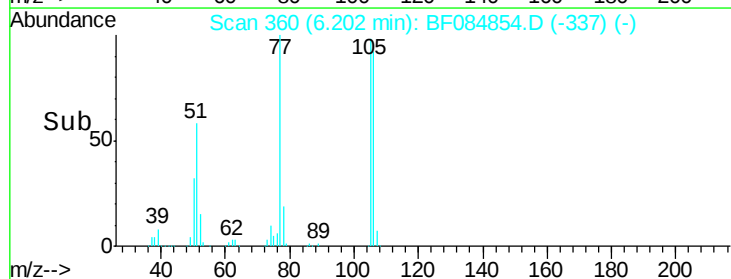
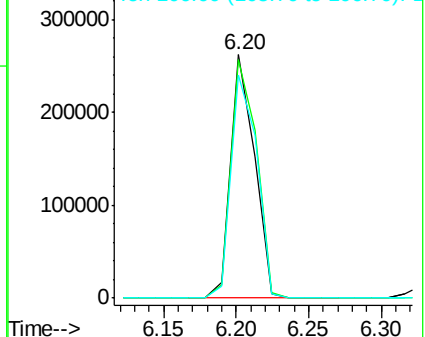
106 91.7 74.6 114.6

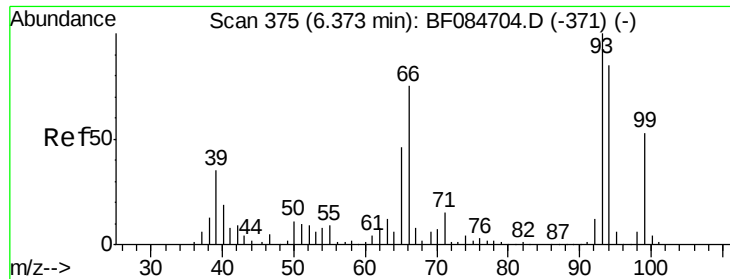


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 33.85 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

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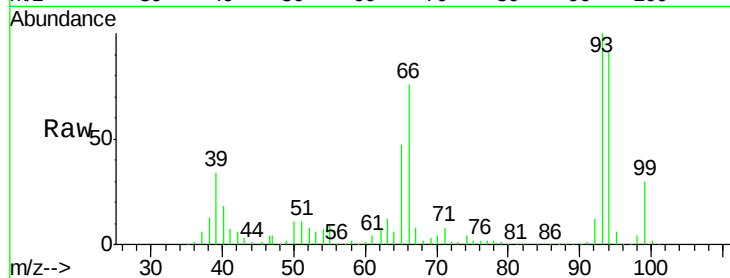
Tgt Ion: 94 Resp: 534122

Ion Ratio Lower Upper

94 100

65 51.6 12.9 52.9

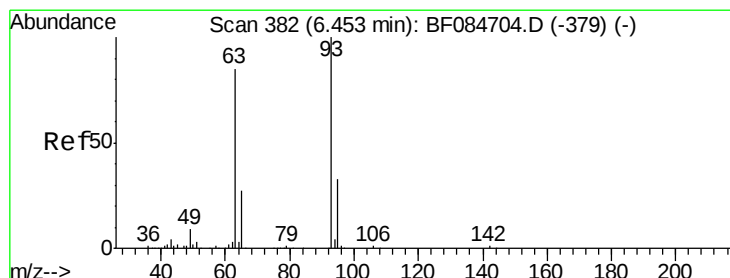
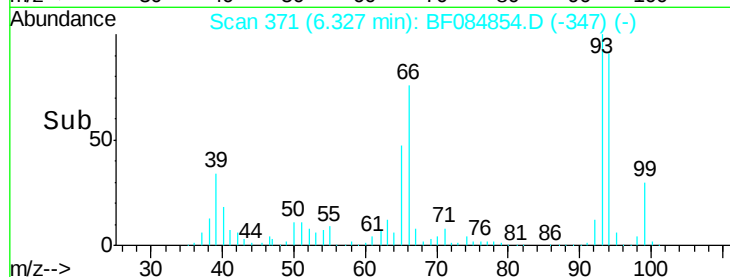
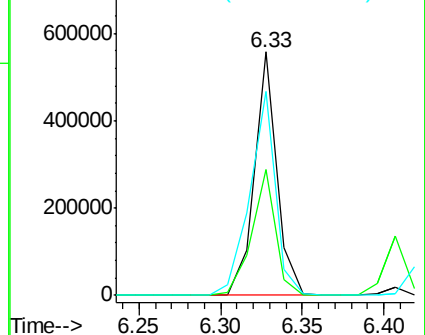
66 83.8 32.7 72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 38.18 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

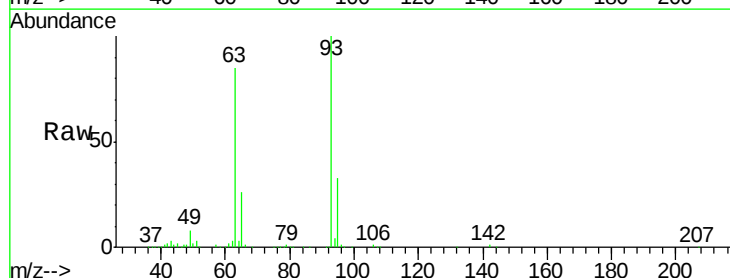
Tgt Ion: 93 Resp: 469721

Ion Ratio Lower Upper

93 100

63 84.5 45.9 85.9

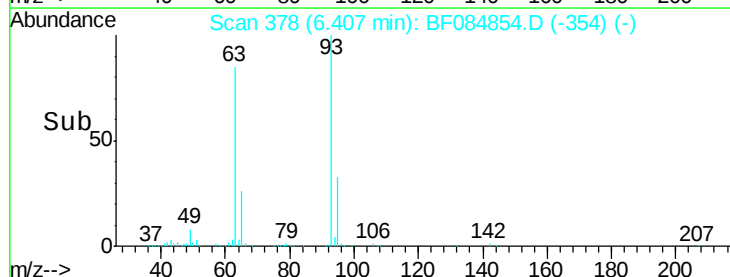
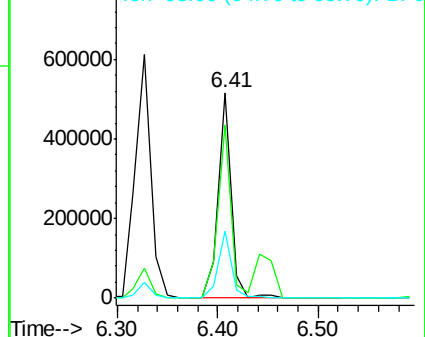
95 32.9 12.3 52.3

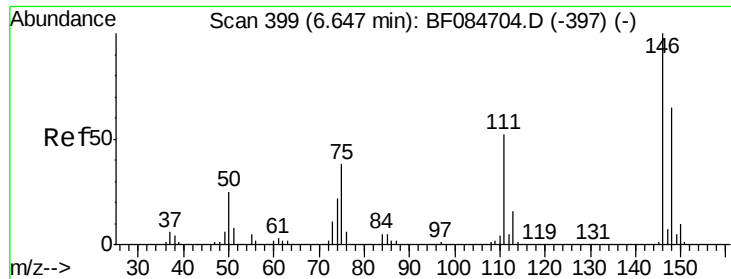


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

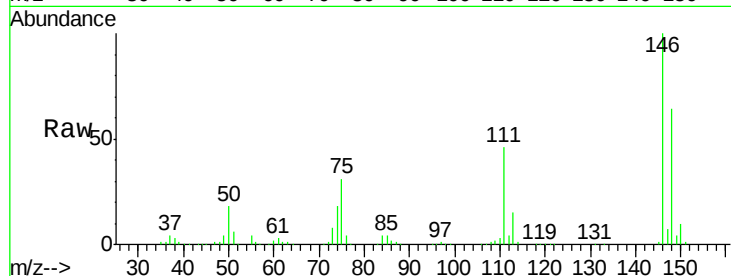




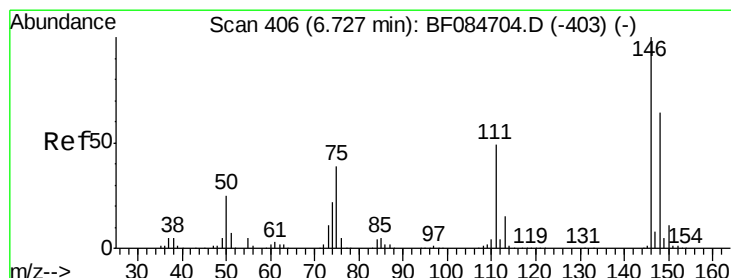
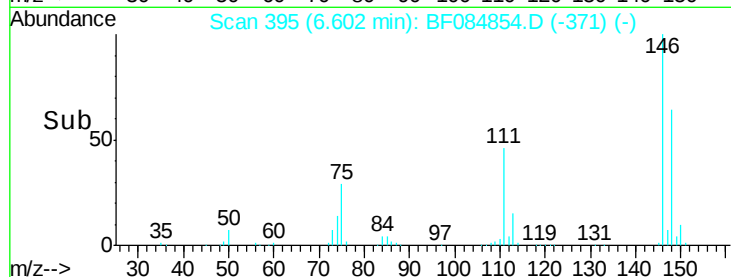
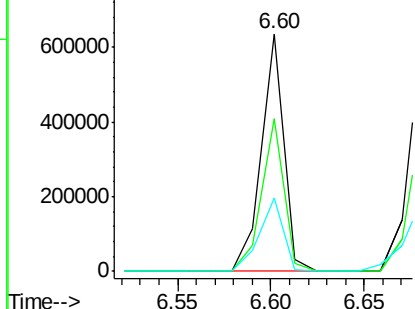
#12
 1,3-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.60 min Scan# 395
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 537099
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 75 30.6 20.5 30.7

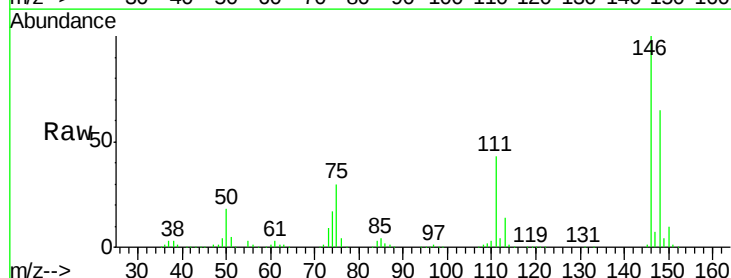


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

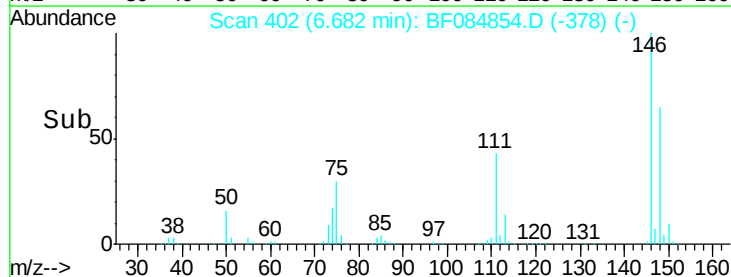
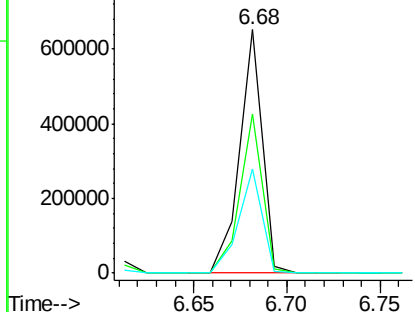


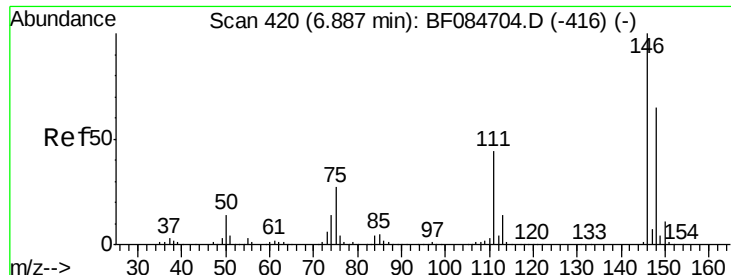
#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:146 Resp: 553658
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 42.9 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: 34.54 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

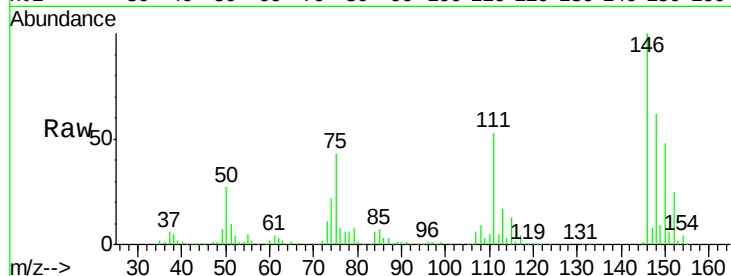
Tgt Ion:146 Resp: 436953

Ion Ratio Lower Upper

146 100

148 61.7 51.6 77.4

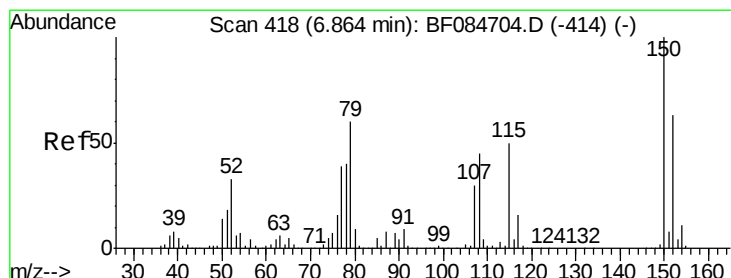
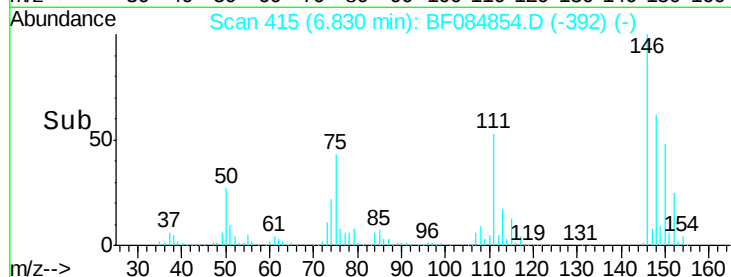
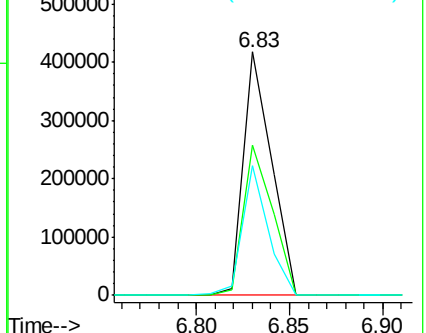
111 53.3 38.0 57.0



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: 38.60 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

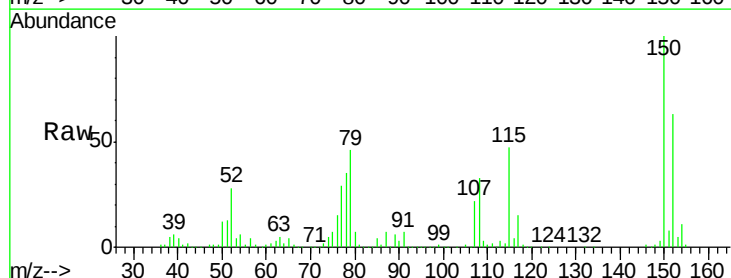
Tgt Ion: 79 Resp: 375412

Ion Ratio Lower Upper

79 100

108 72.4 69.0 103.4

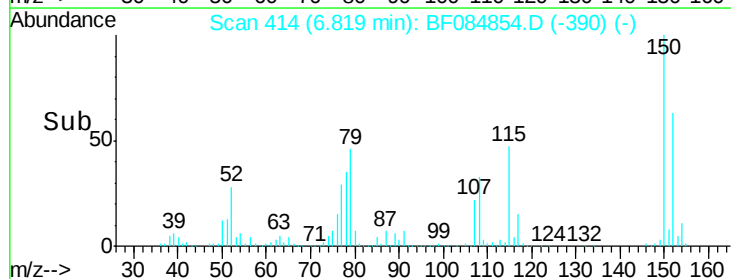
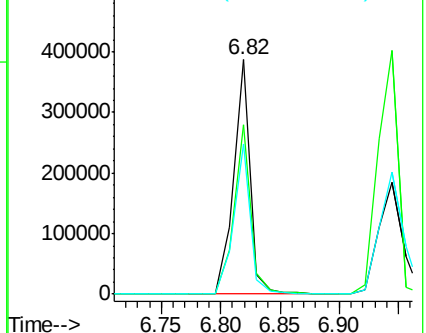
77 64.1 50.0 75.0

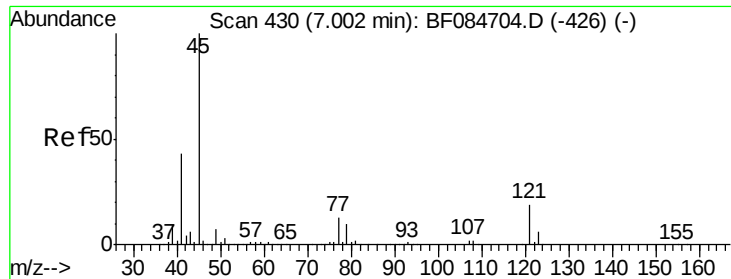


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

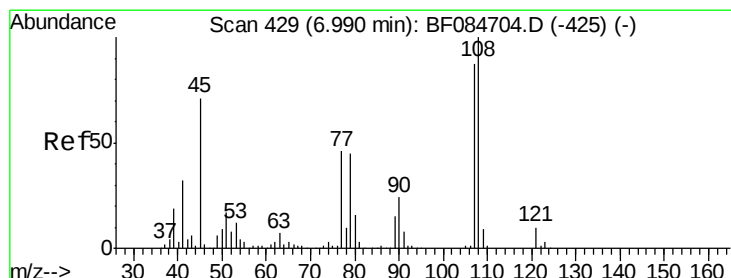
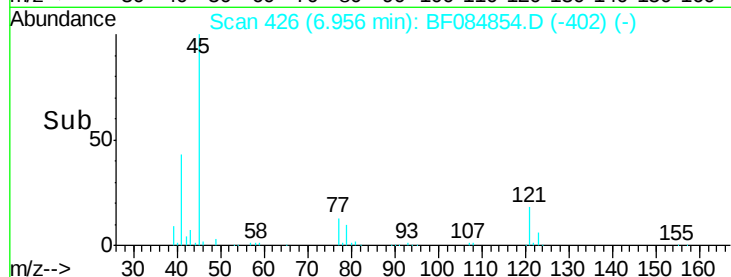
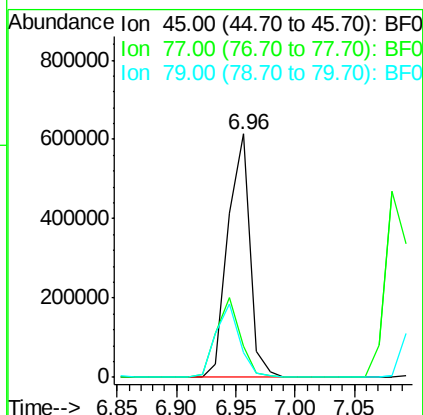
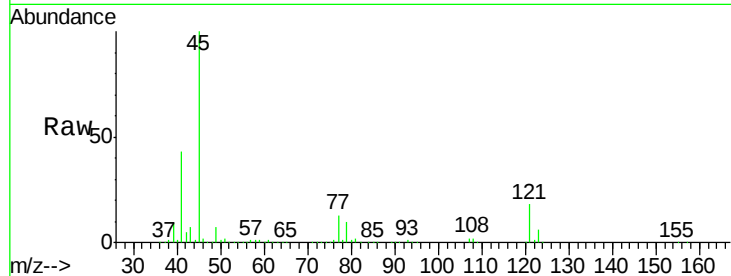




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.75 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

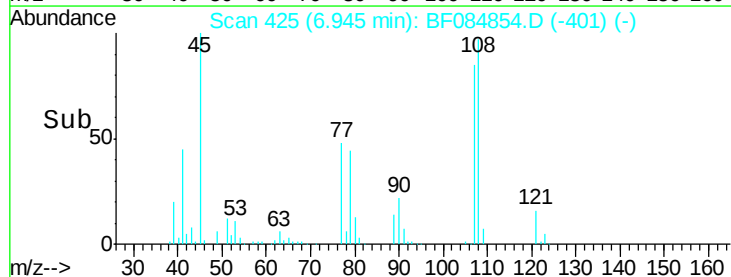
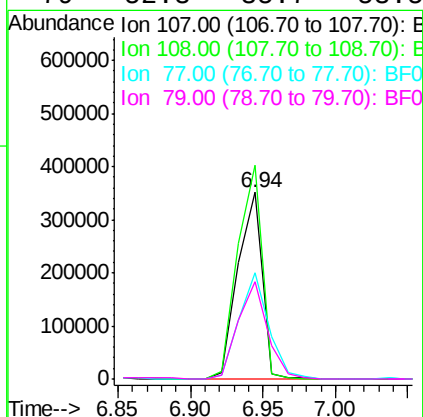
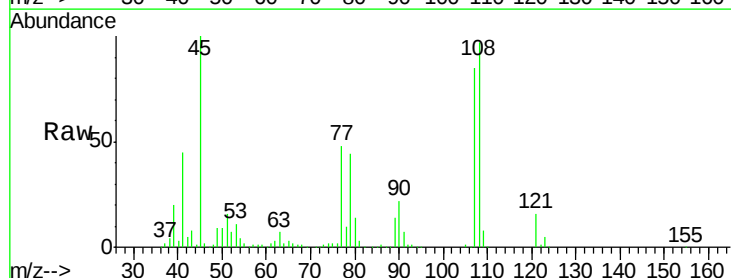
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

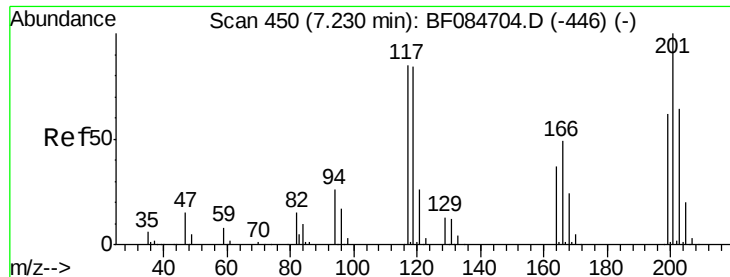
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	39.6
79	10.1	0.0	35.0



#17
2-Methylphenol
Concen: 40.34 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.8	134.6
77	57.1	35.7	53.5#
79	52.3	35.7	53.5

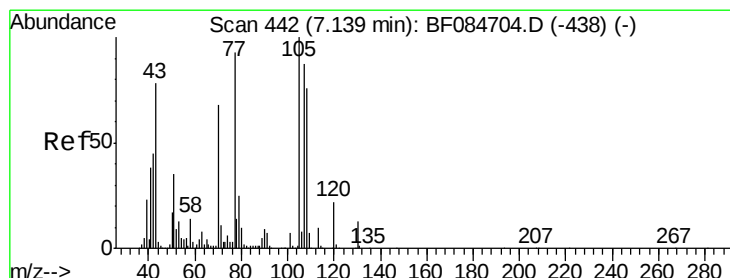
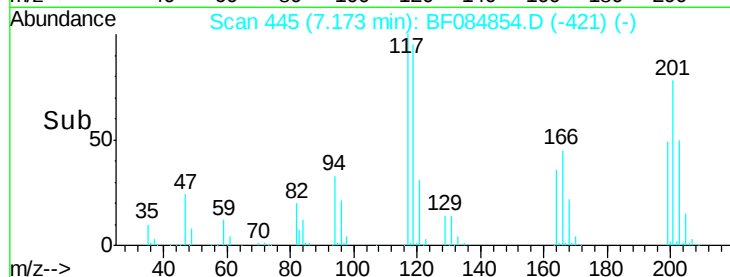
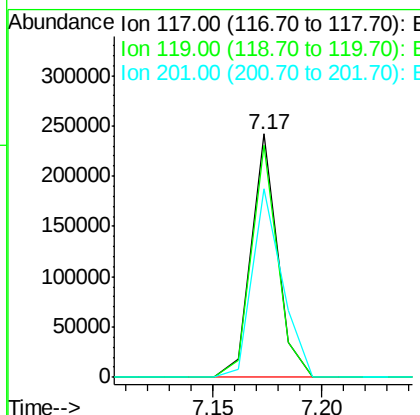
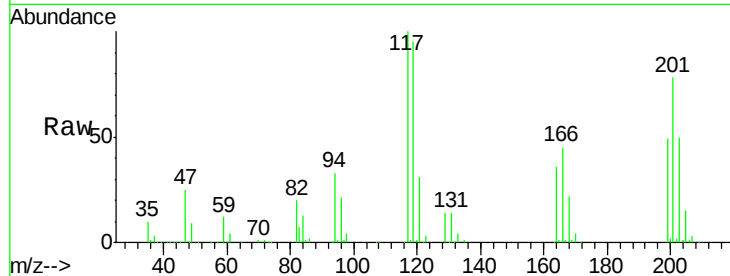




#18
Hexachloroethane
Concen: 38.69 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

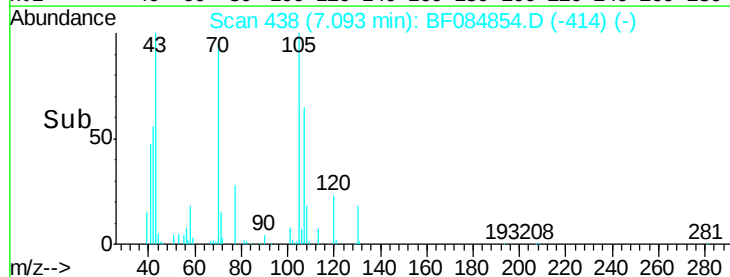
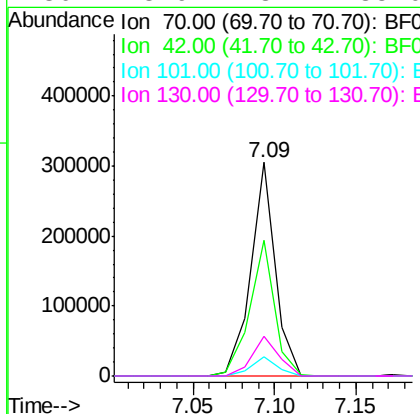
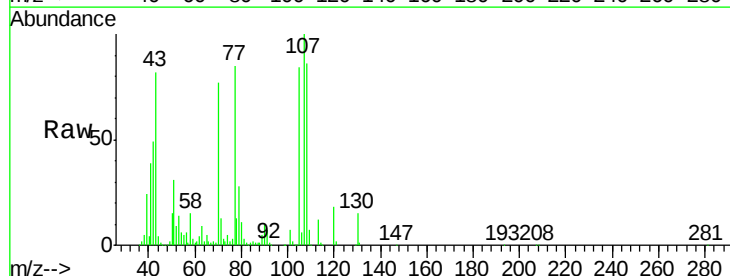
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

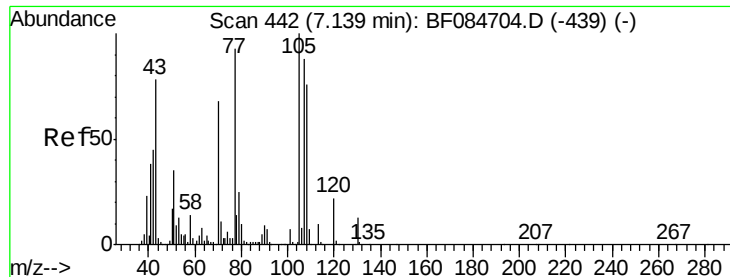
Tgt Ion: 117 Resp: 202370
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 77.6 68.6 103.0



#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion: 70 Resp: 318612
Ion Ratio Lower Upper
70 100
42 63.3 33.3 49.9#
101 9.2 9.3 13.9#
130 18.9 23.4 35.0#

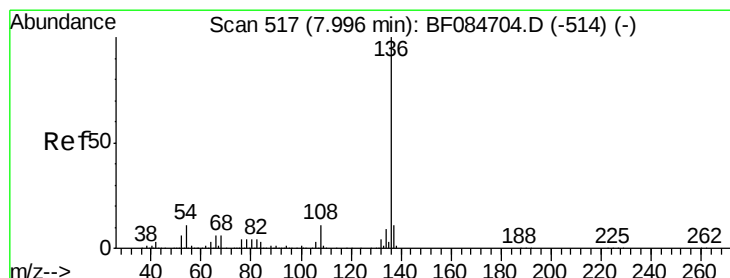
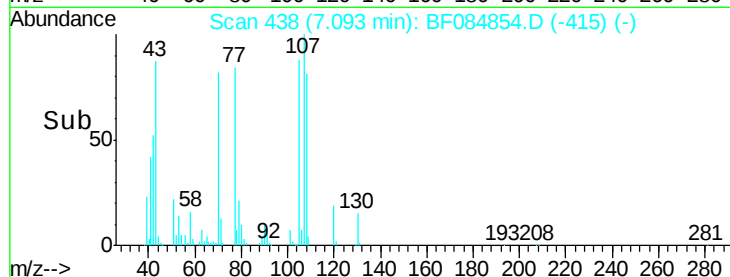
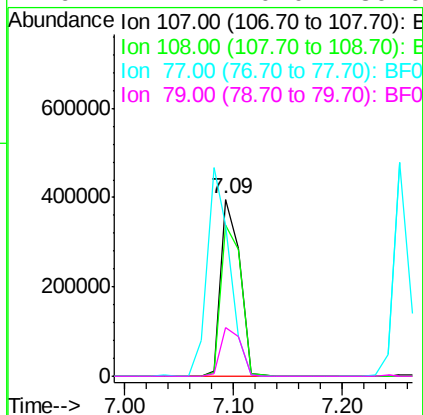
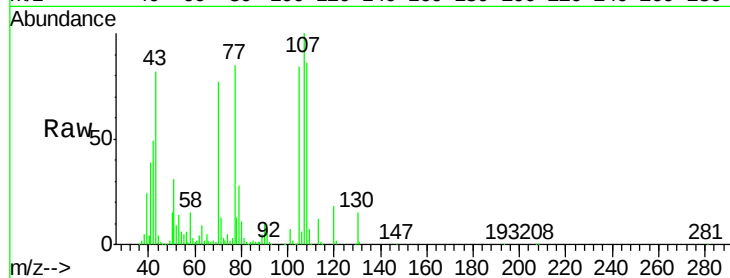




#20
3+4-Methylphenols
Concen: 38.37 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

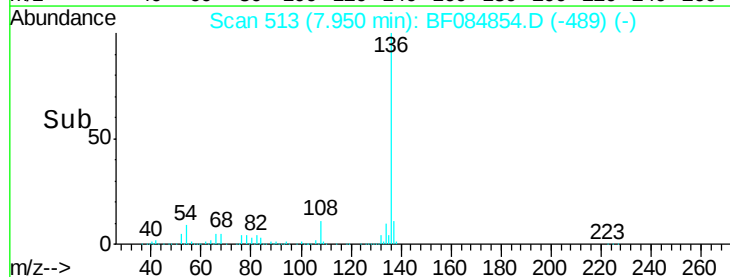
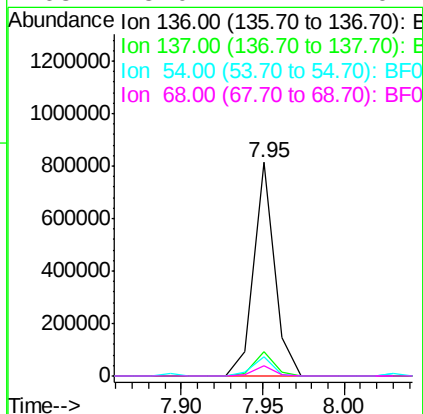
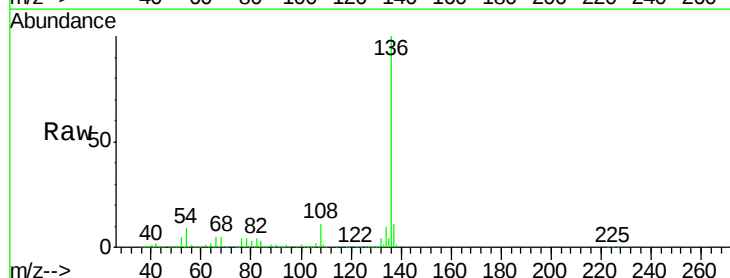
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

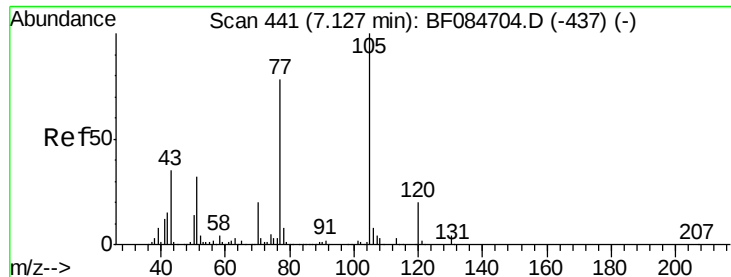
Tgt Ion:107 Resp: 484351
Ion Ratio Lower Upper
107 100
108 85.5 74.6 114.6
77 85.3 0.7 40.7#
79 27.7 0.0 39.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:136 Resp: 722382
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.1 5.8 8.8#
68 5.0 4.2 6.2





#22

Acetophenone

Concen: 36.74 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:105 Resp: 699522

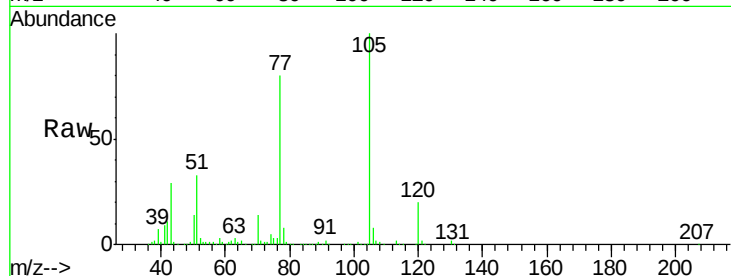
Ion Ratio Lower Upper

105 100

71 2.4 3.7 5.5#

51 32.9 25.1 37.7

120 20.1 16.6 25.0

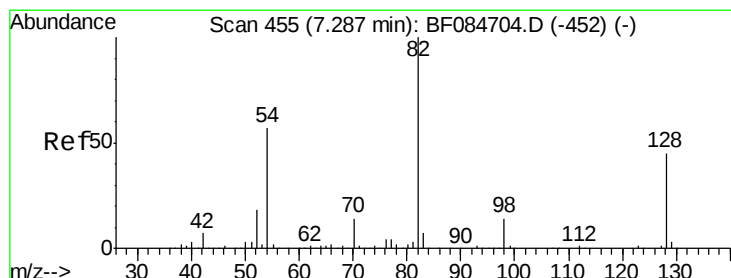
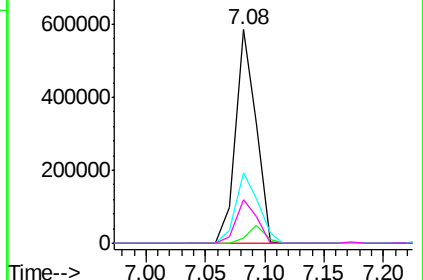
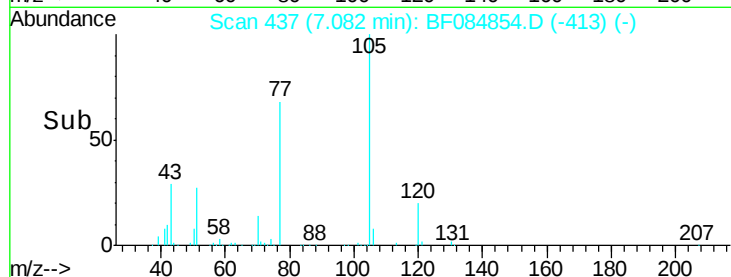


Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.47 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

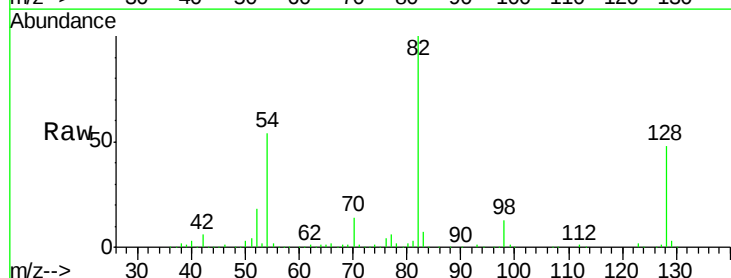
Tgt Ion: 82 Resp: 1044676

Ion Ratio Lower Upper

82 100

128 47.5 34.6 51.8

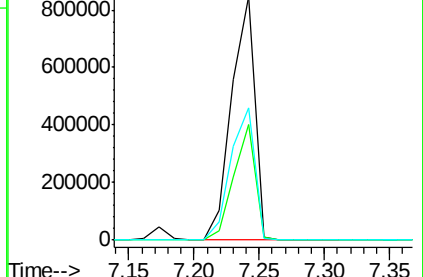
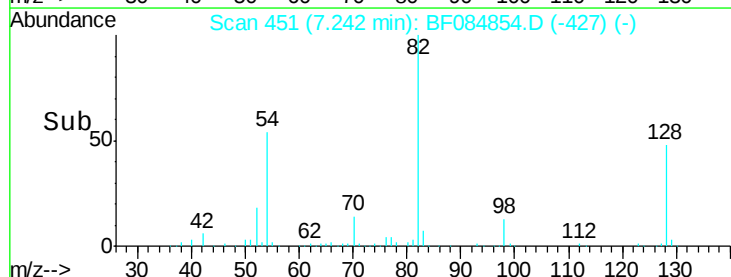
54 54.3 38.4 57.6

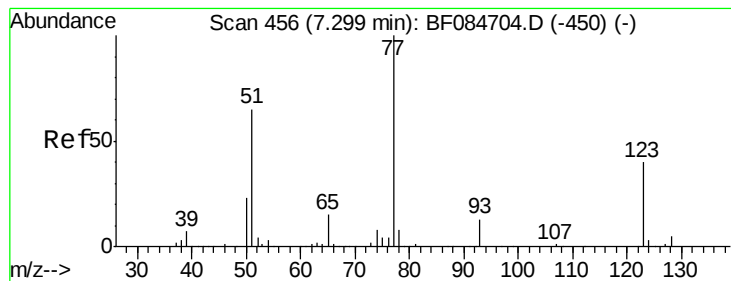


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 33.60 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

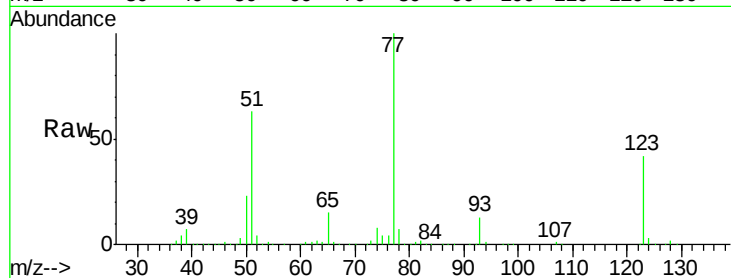
Tgt Ion: 77 Resp: 461422

Ion Ratio Lower Upper

77 100

123 41.7 37.4 56.2

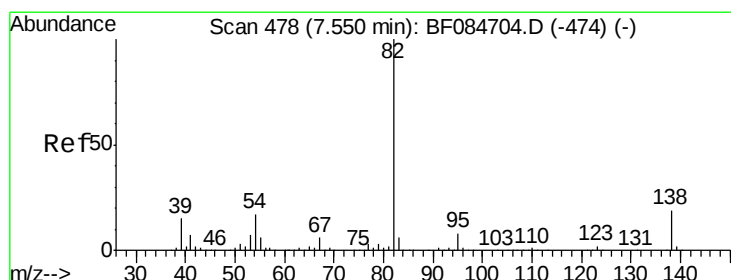
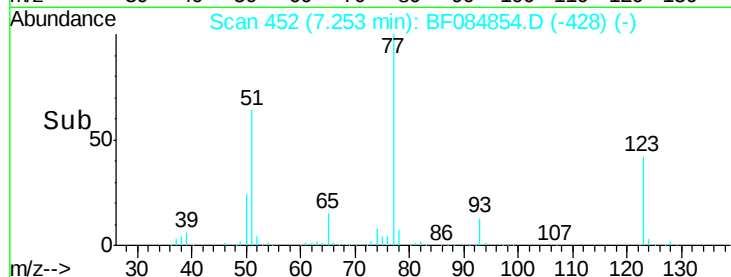
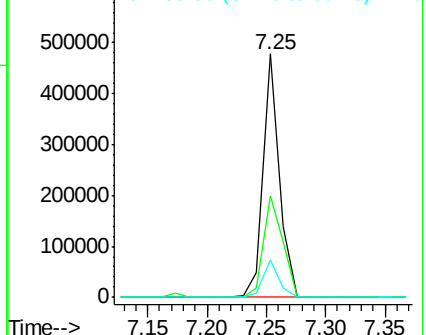
65 15.2 10.9 16.3



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: 38.36 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

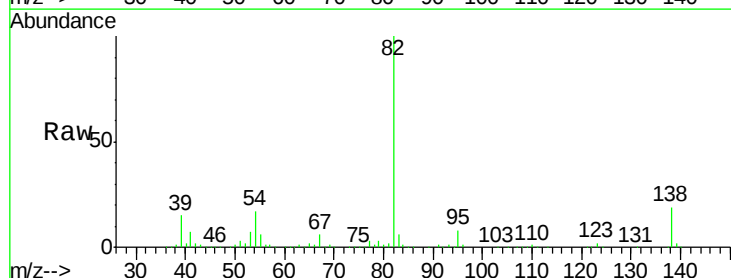
Tgt Ion: 82 Resp: 956619

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

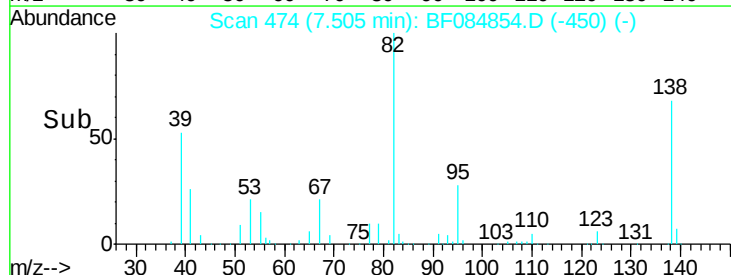
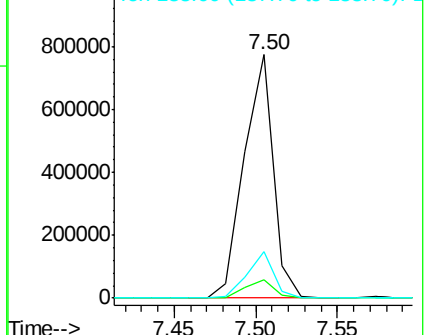
138 18.9 13.6 20.4

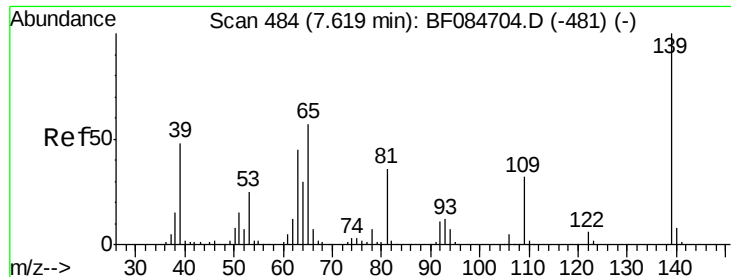


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

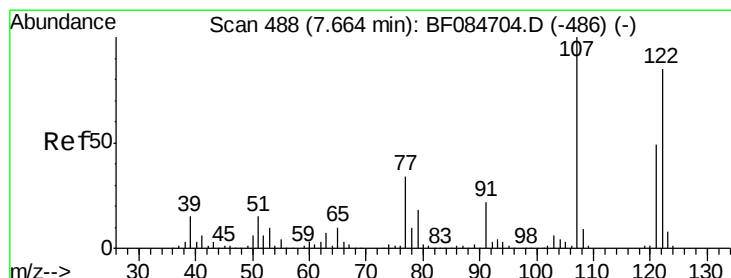
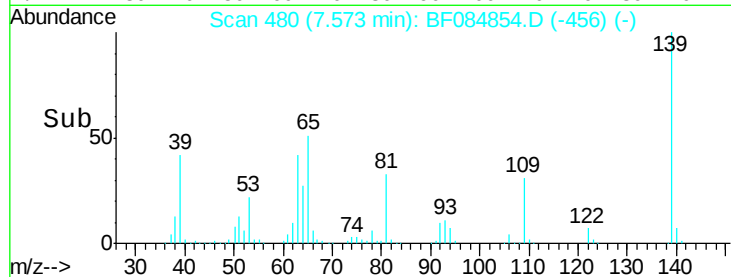
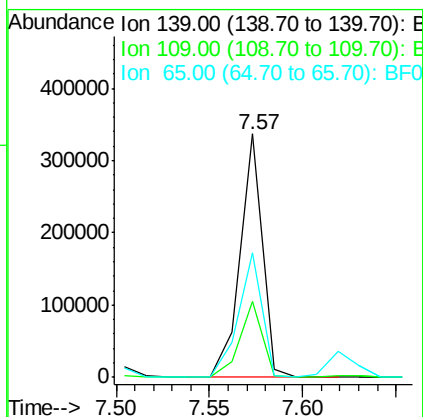
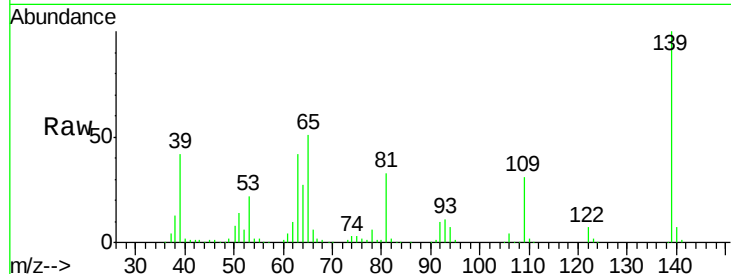




#26
 2-Nitrophenol
 Concen: 41.61 ng
 RT: 7.57 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

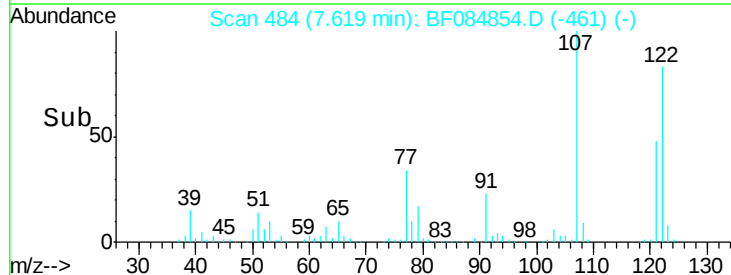
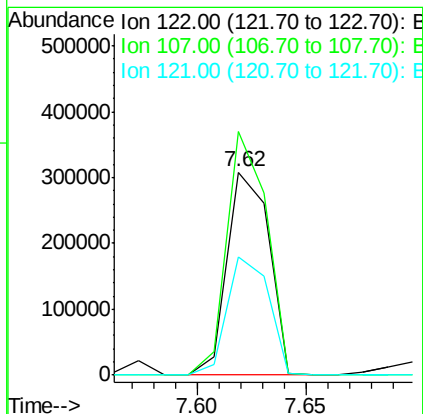
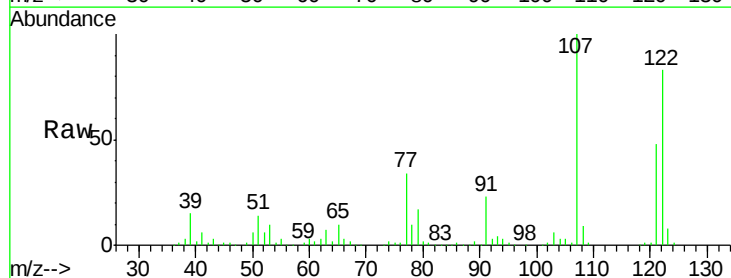
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

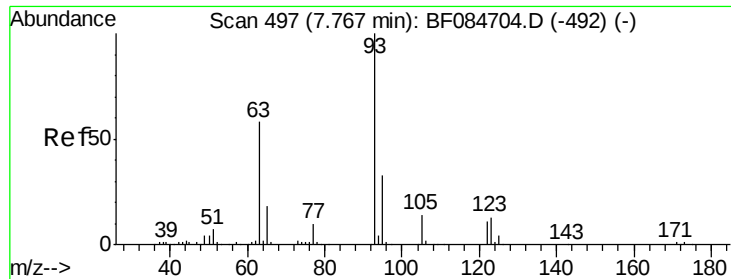
Tgt Ion:139 Resp: 281792
 Ion Ratio Lower Upper
 139 100
 109 31.2 25.4 38.2
 65 51.3 32.3 48.5#



#27
 2,4-Dimethylphenol
 Concen: 35.06 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:122 Resp: 413025
 Ion Ratio Lower Upper
 122 100
 107 120.0 99.1 148.7
 121 58.1 47.9 71.9

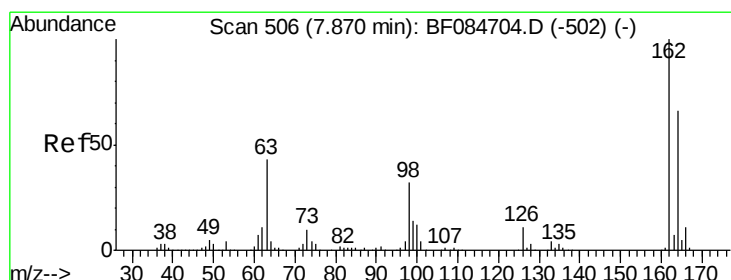
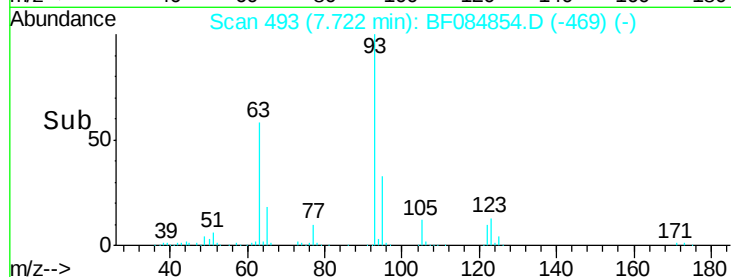
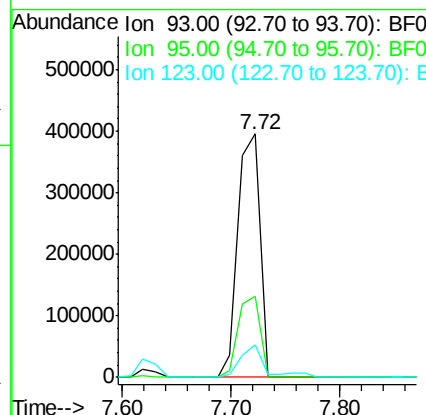
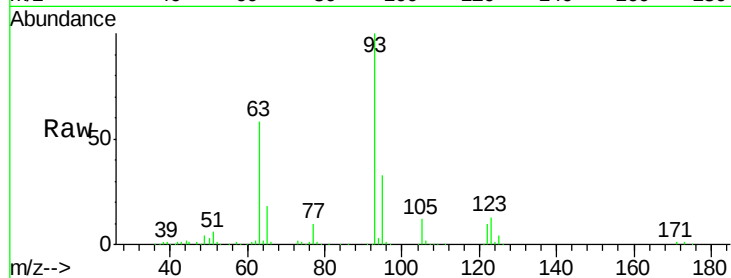




#28
bis(2-Chloroethoxy)methane
Concen: 36.91 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

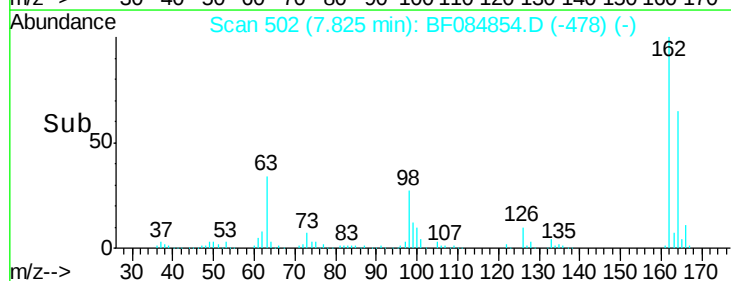
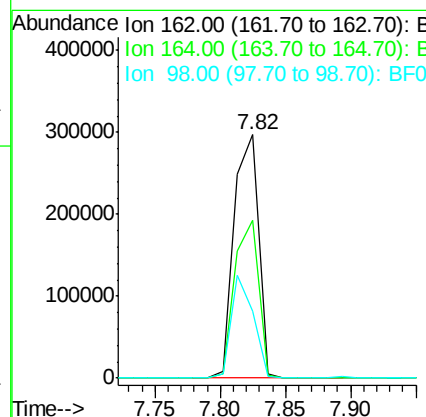
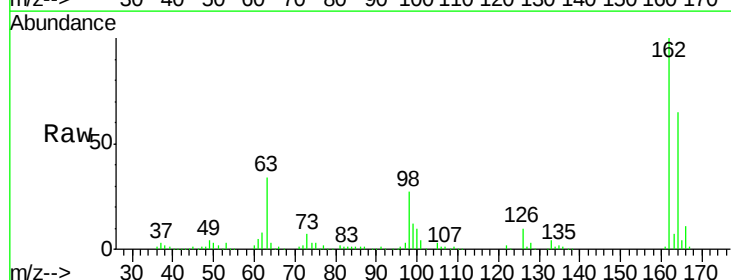
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

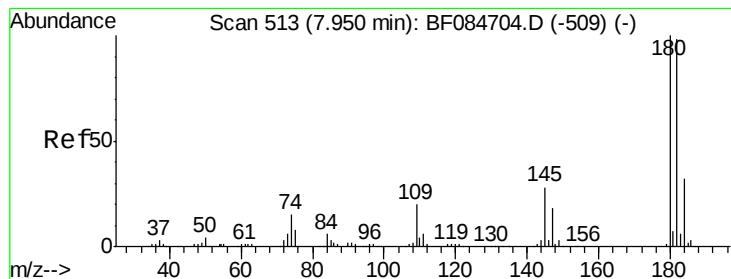
Tgt Ion: 93 Resp: 545957
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.6
123 13.2 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 38.18 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion: 162 Resp: 384804
Ion Ratio Lower Upper
162 100
164 64.7 44.1 84.1
98 27.5 20.2 60.2





#30

1,2,4-Trichlorobenzene

Concen: 36.67 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

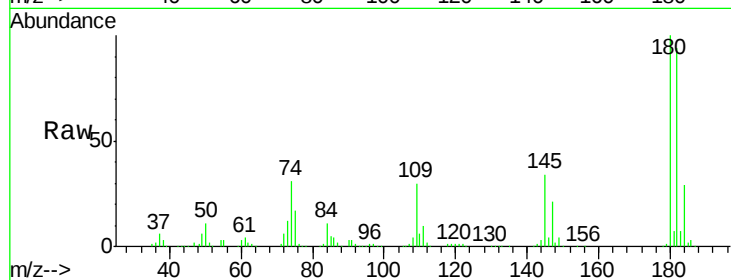
Tgt Ion:180 Resp: 417468

Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

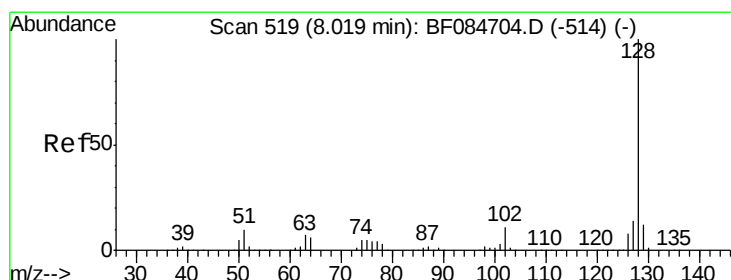
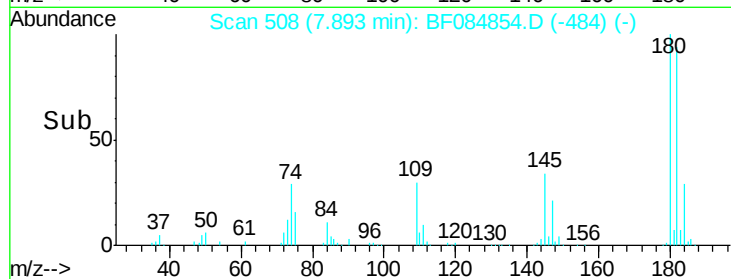
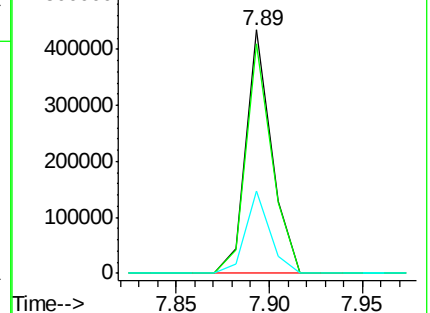
145 33.8 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 36.77 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

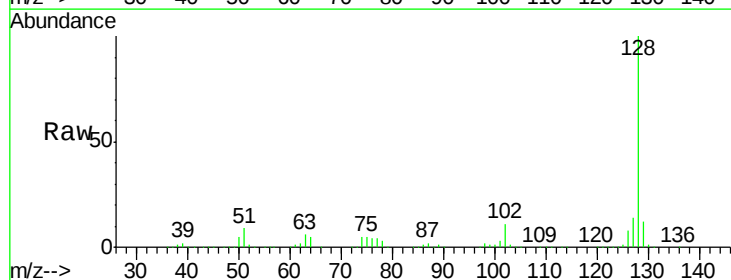
Tgt Ion:128 Resp: 1332347

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

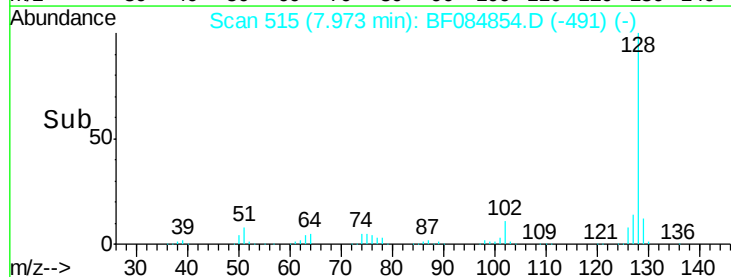
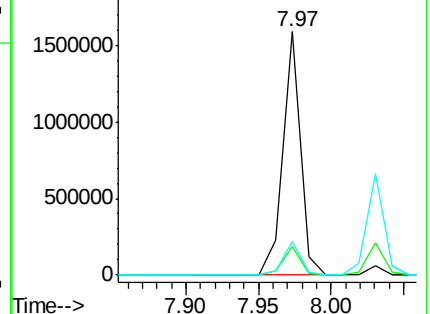
127 14.0 11.1 16.7

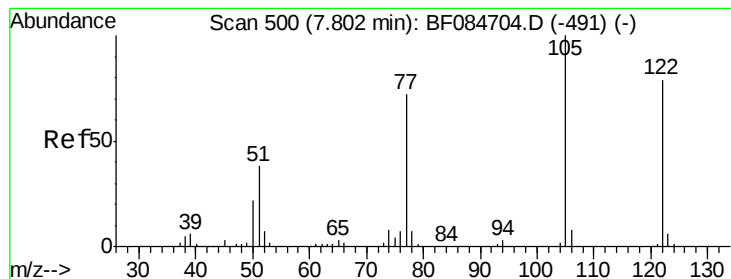


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 39.84 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

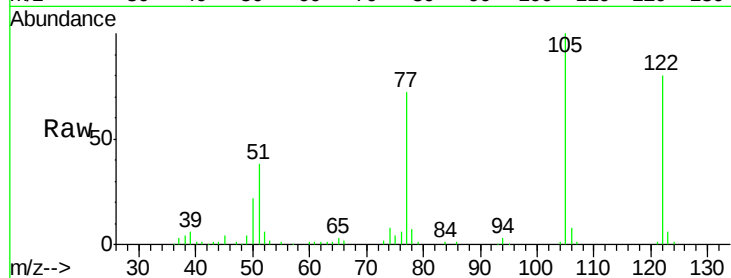
Tgt Ion:122 Resp: 300189

Ion Ratio Lower Upper

122 100

105 124.5 100.3 140.3

77 89.6 63.5 103.5

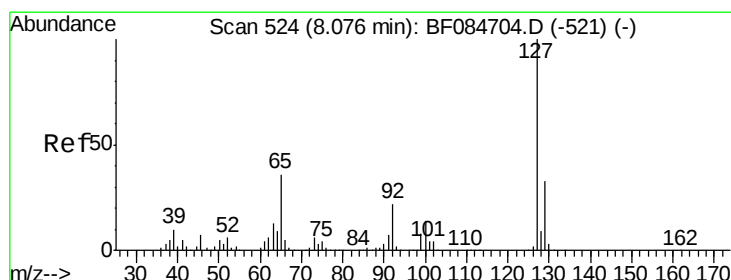
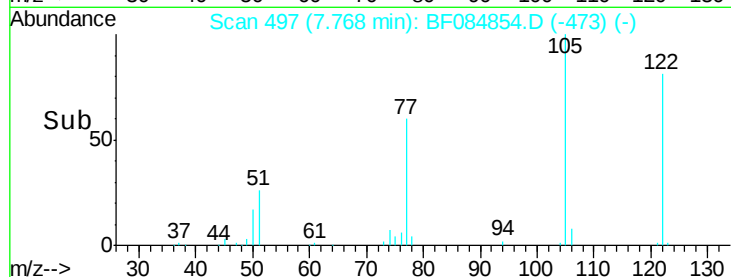
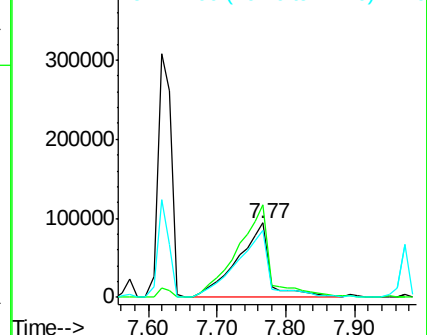


Abundance

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: 37.24 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Tgt Ion:127 Resp: 558081

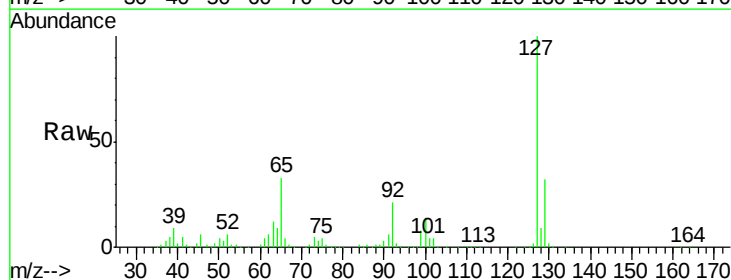
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 33.3 27.2 40.8

92 20.5 17.7 26.5



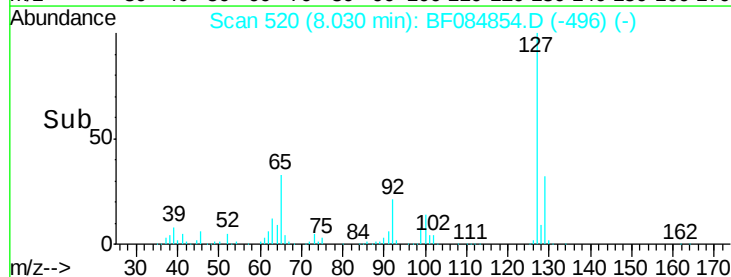
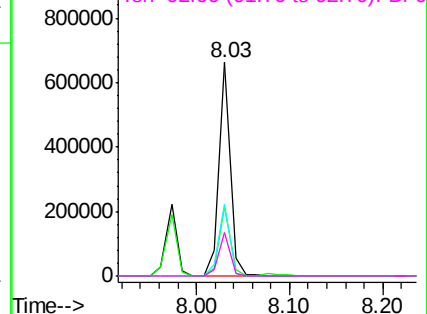
Abundance

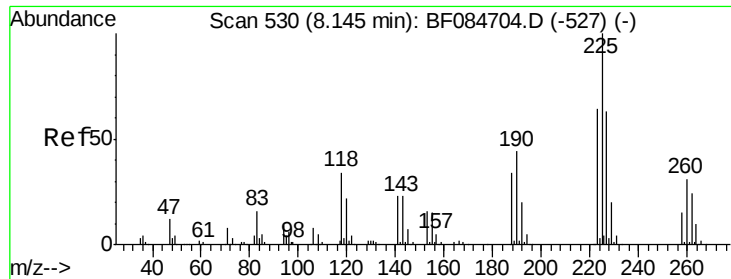
Ion 127.00 (126.70 to 127.70): E

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

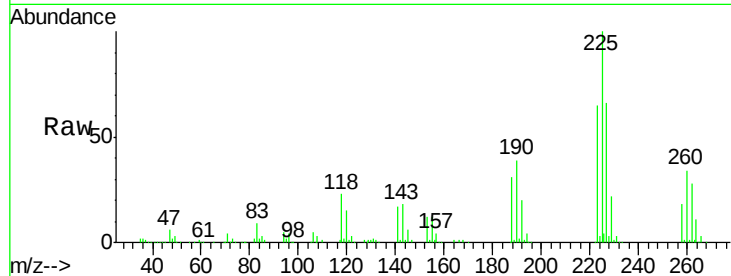




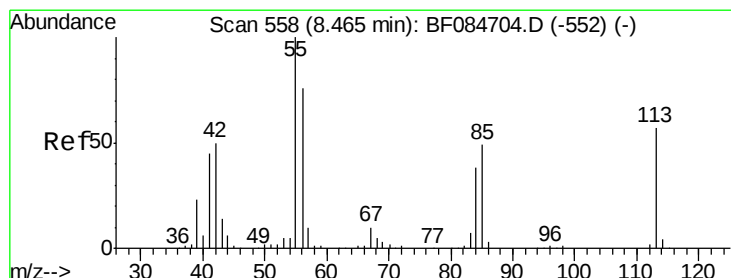
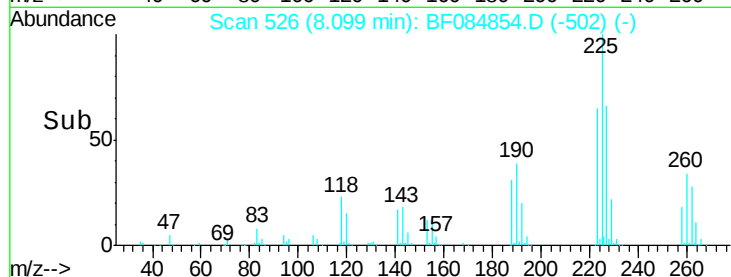
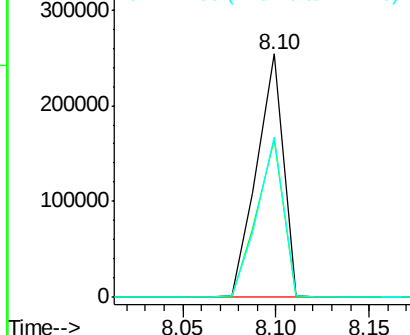
#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 225 Resp: 250766
Ion Ratio Lower Upper
225 100
223 64.9 49.4 74.0
227 66.1 50.8 76.2

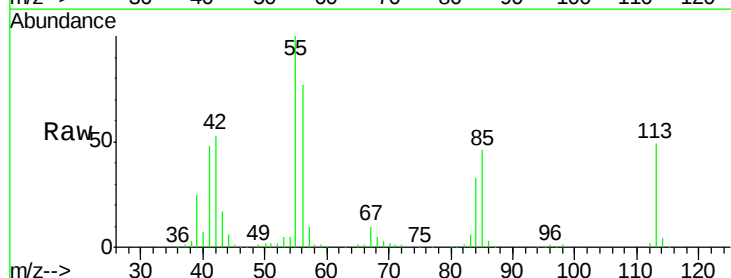


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

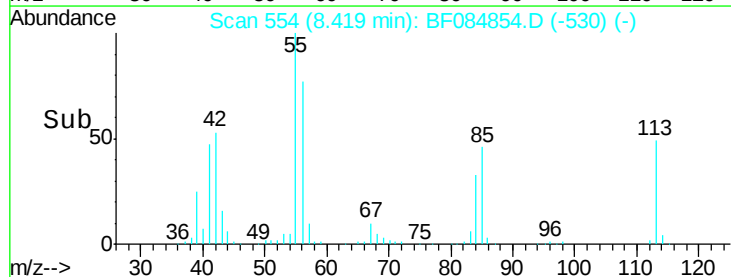
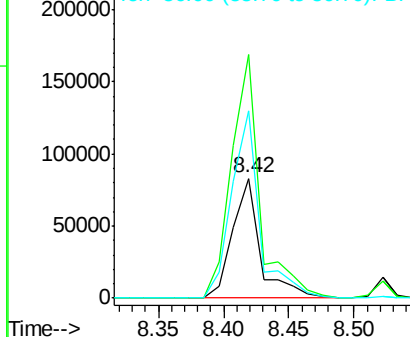


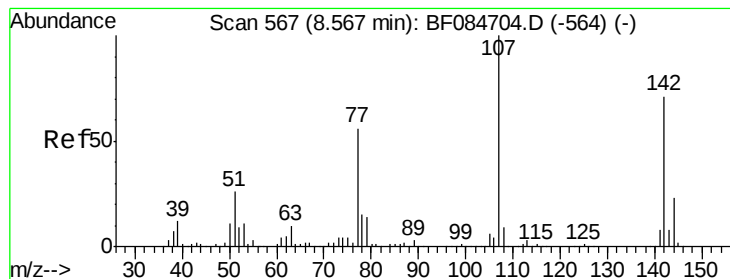
#35
Caprolactam
Concen: 39.30 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion: 113 Resp: 122090
Ion Ratio Lower Upper
113 100
55 203.2 116.9 156.9#
56 156.2 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: 36.41 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

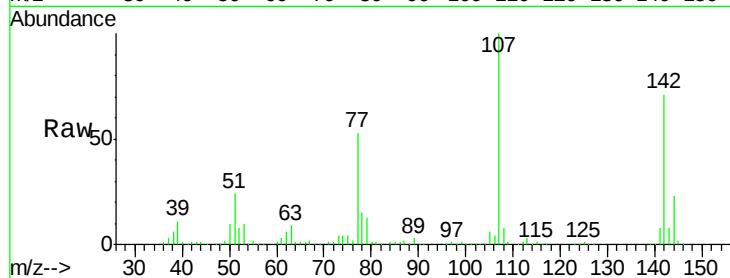
Tgt Ion:107 Resp: 418678

Ion Ratio Lower Upper

107 100

144 23.4 19.7 29.5

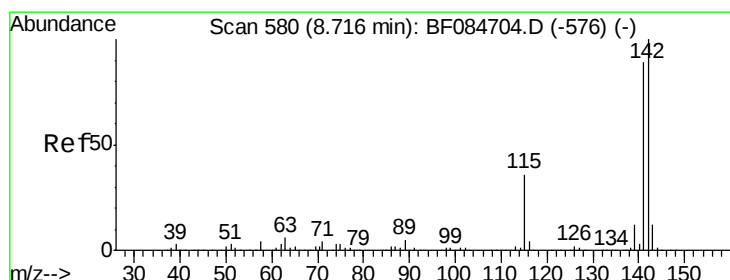
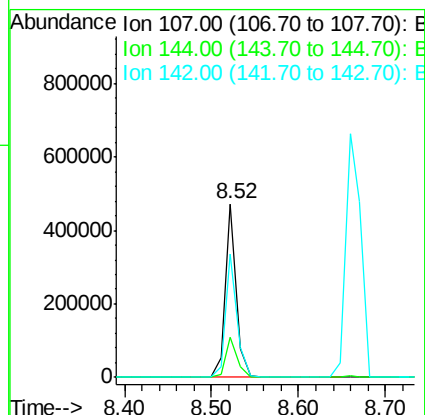
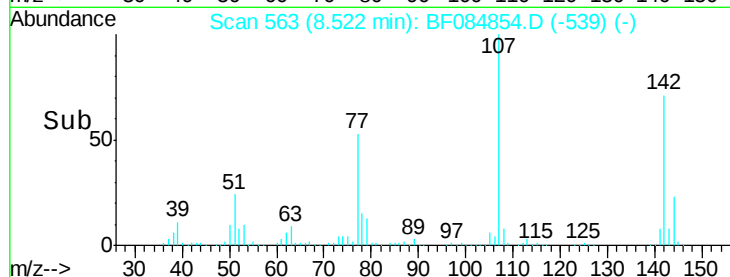
142 71.3 61.8 92.6



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: 35.82 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

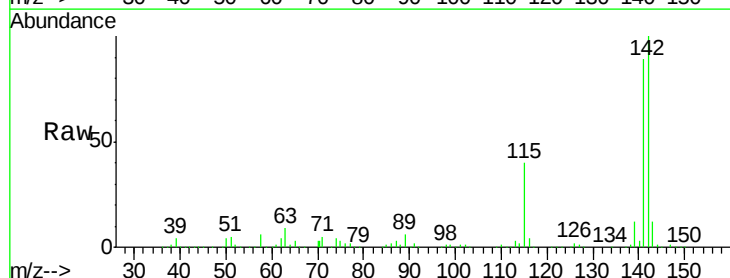
Tgt Ion:142 Resp: 812230

Ion Ratio Lower Upper

142 100

141 89.5 72.4 108.6

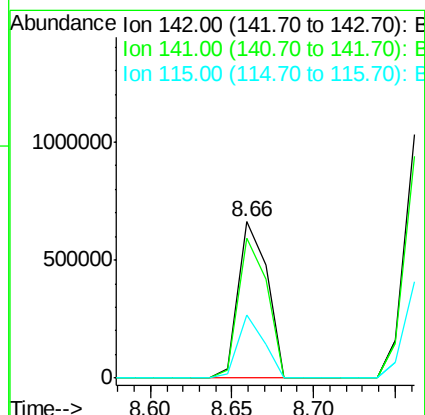
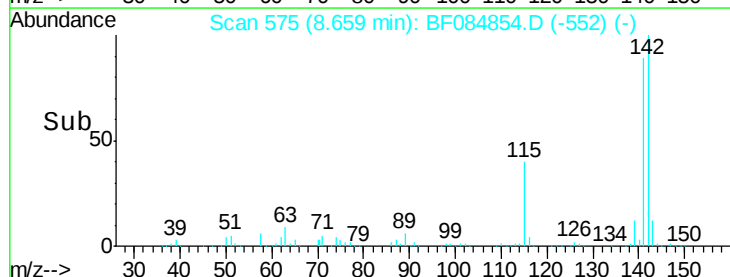
115 40.2 27.9 41.9

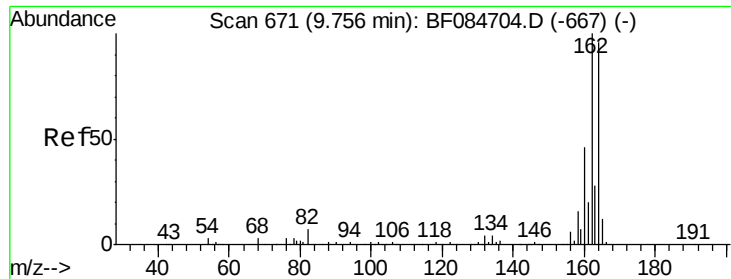


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

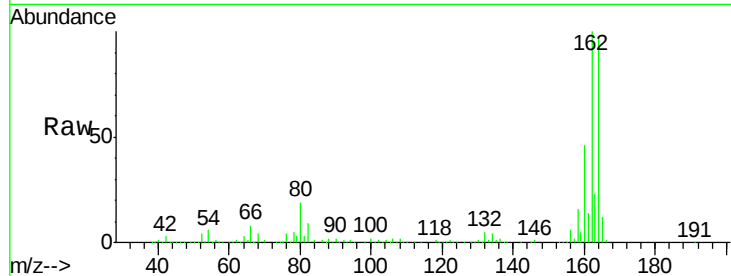
Tgt Ion:164 Resp: 336664

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

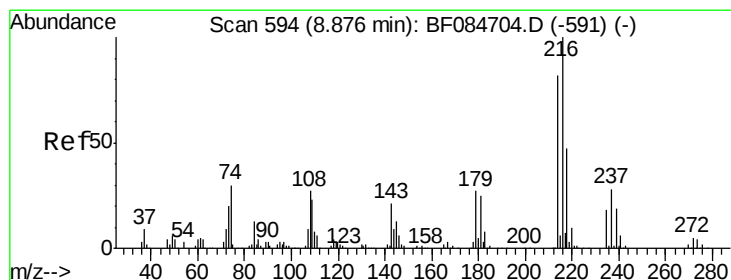
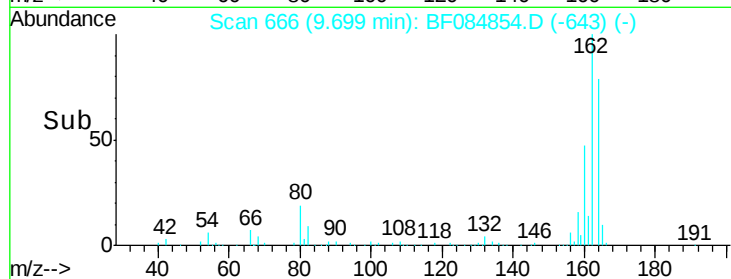
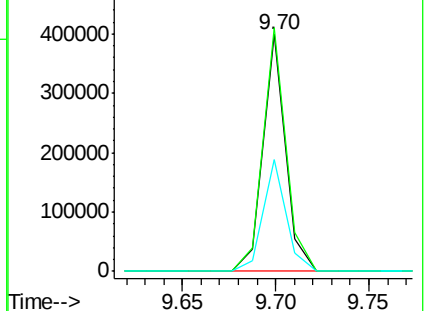
160 47.2 37.5 56.3



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: 38.76 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Tgt Ion:216 Resp: 414427

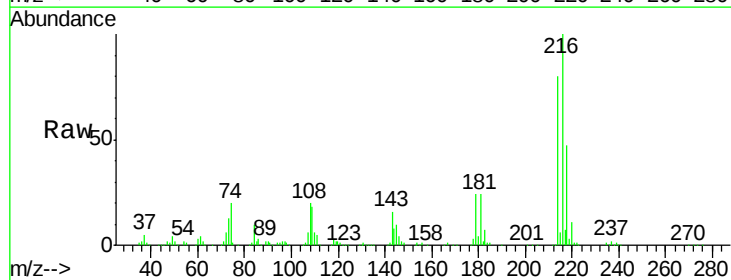
Ion Ratio Lower Upper

216 100

214 79.9 64.2 96.2

179 24.2 18.7 28.1

108 22.3 16.8 25.2

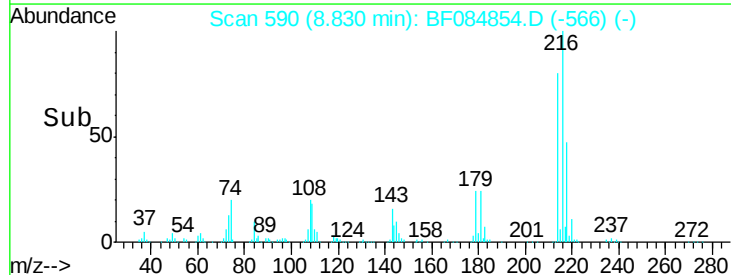
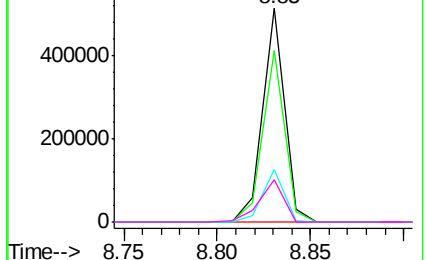


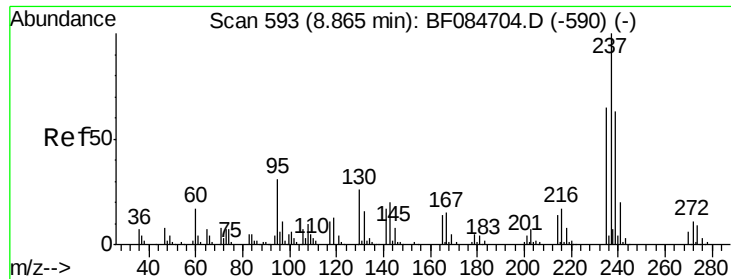
Abundance Ion 216.00 (215.70 to 216.70): E

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

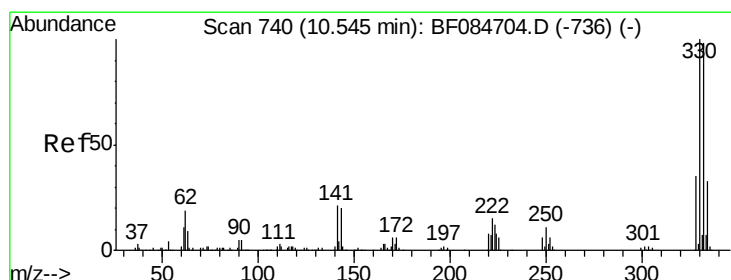
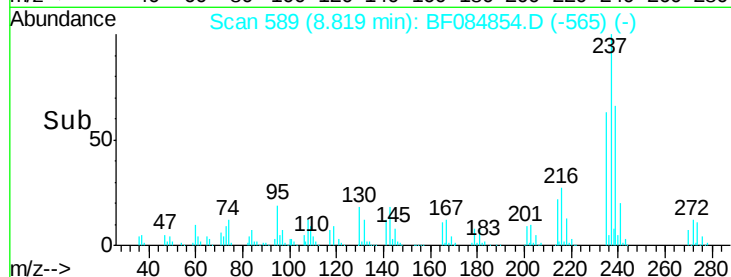
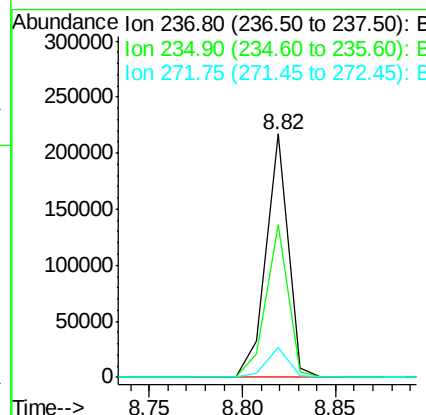
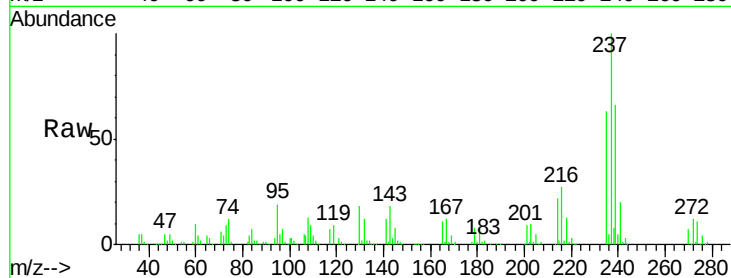




#40
Hexachlorocyclopentadiene
Concen: 45.66 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

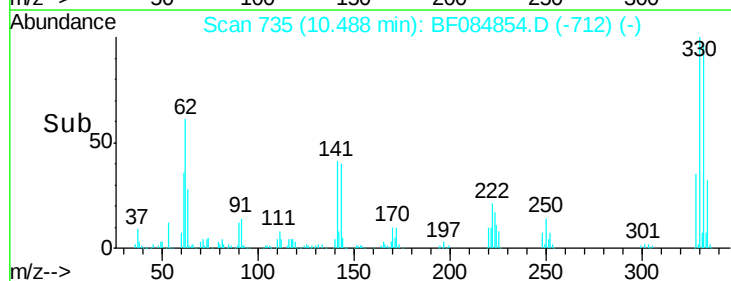
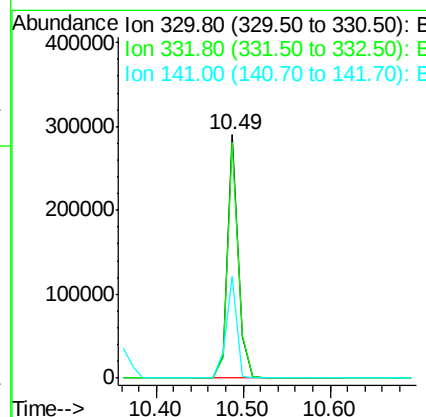
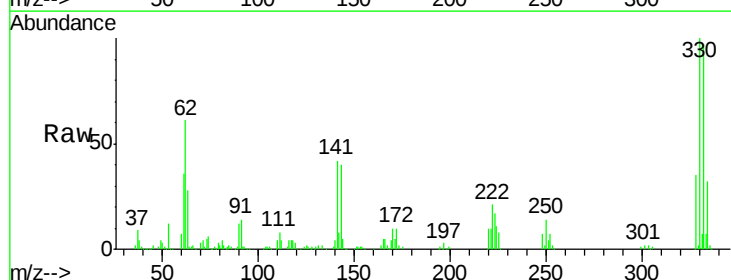
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

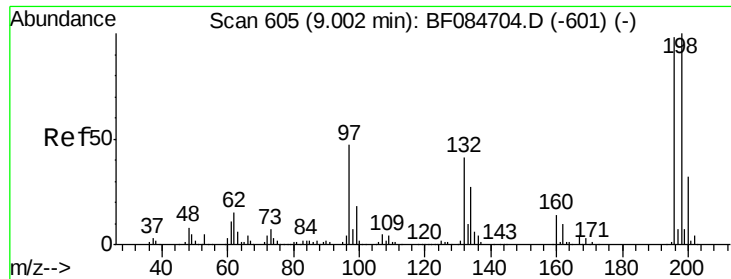
Tgt Ion:237 Resp: 176706
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 12.1 0.0 35.1



#41
2,4,6-Tribromophenol
Concen: 72.77 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:330 Resp: 255554
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 42.3 27.8 41.6#

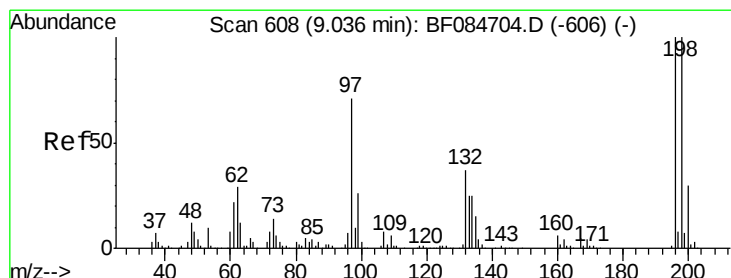
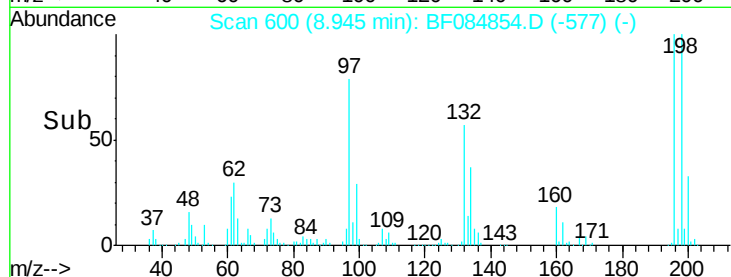
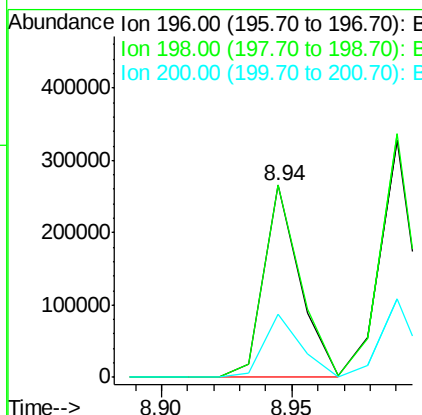
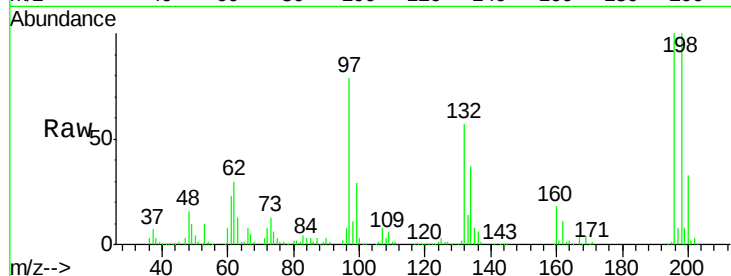




#42
 2,4,6-Trichlorophenol
 Concen: 37.32 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

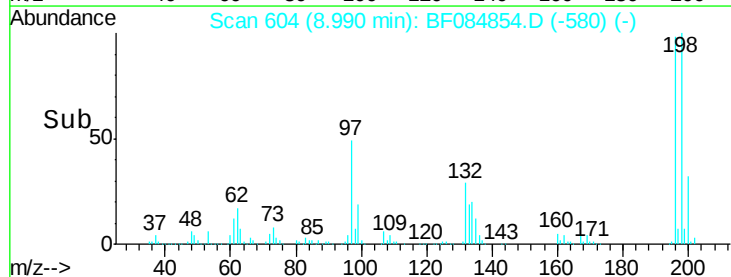
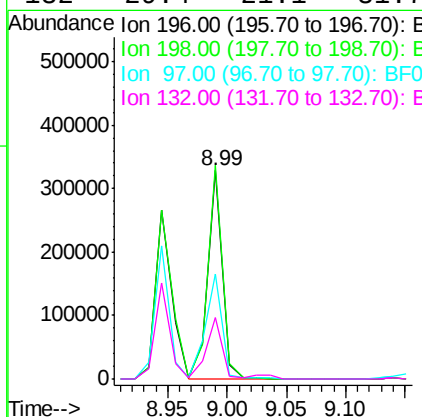
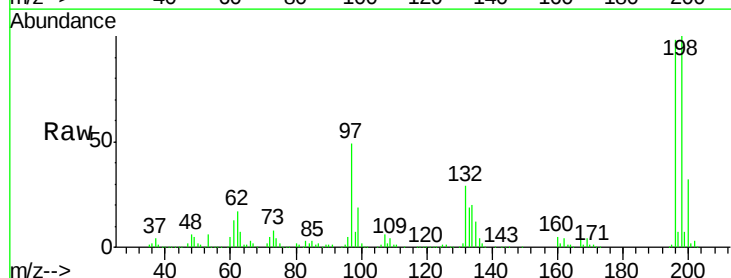
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

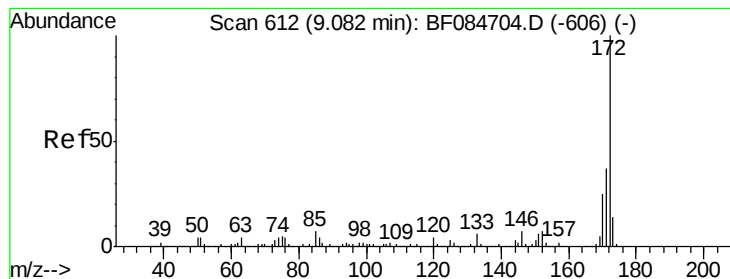
Tgt Ion:196 Resp: 257095
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.7 116.5
 200 32.6 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:196 Resp: 283689
 Ion Ratio Lower Upper
 196 100
 198 102.5 79.0 118.6
 97 50.6 33.0 49.6#
 132 29.4 21.1 31.7

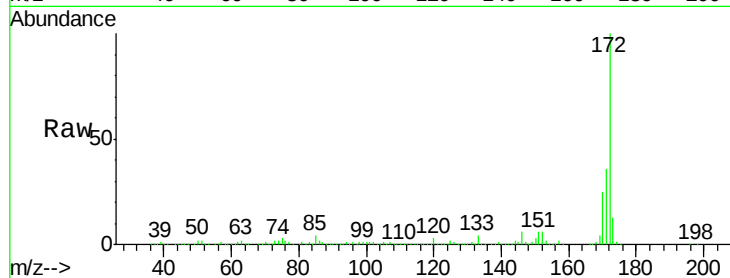




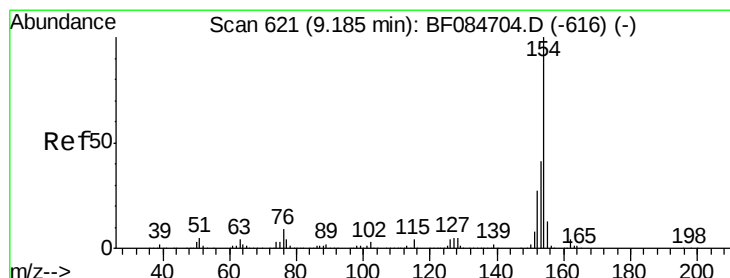
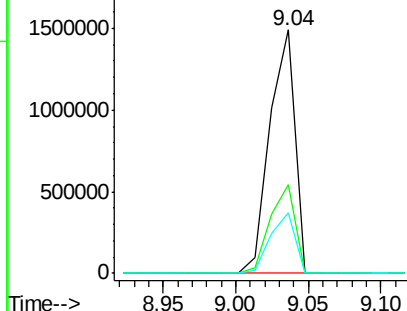
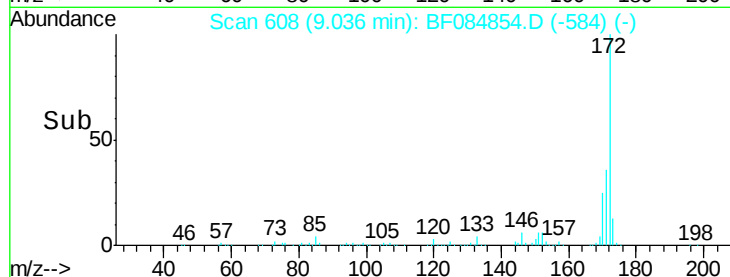
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 1789025
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.8 18.6 27.8

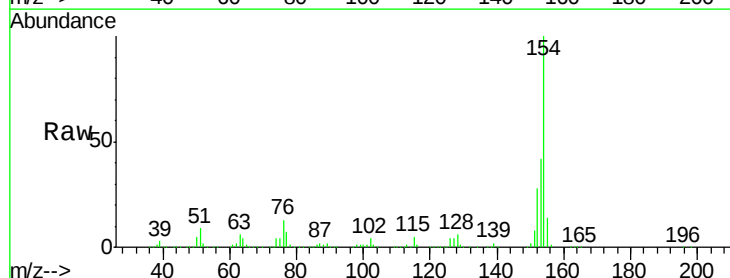


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

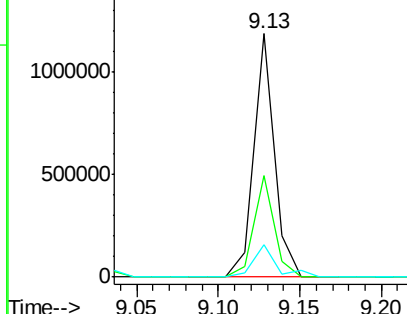
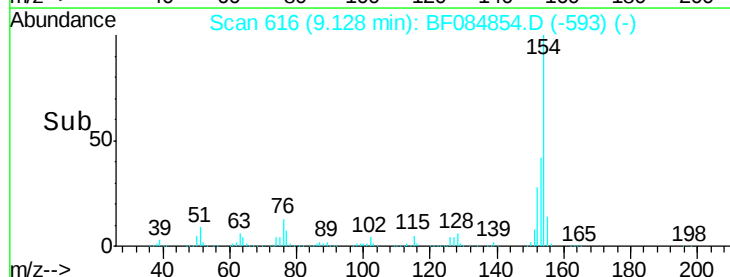


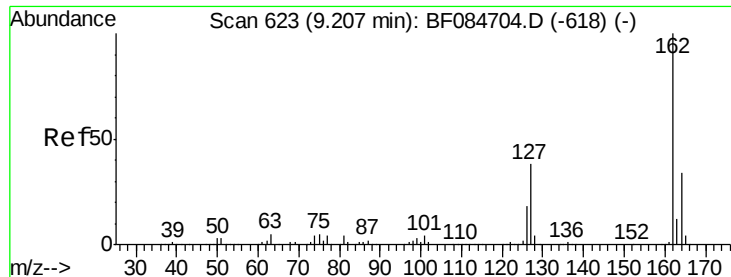
#45
 1,1'-Biphenyl
 Concen: 34.51 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:154 Resp: 1037745
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 13.2 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

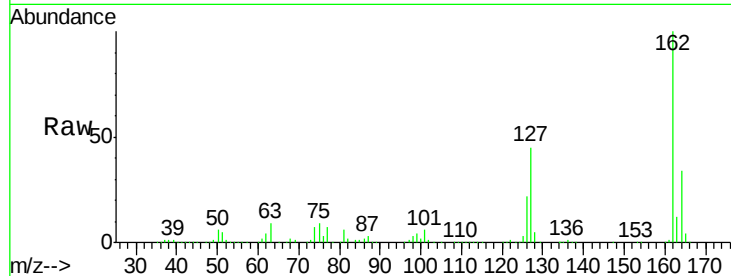




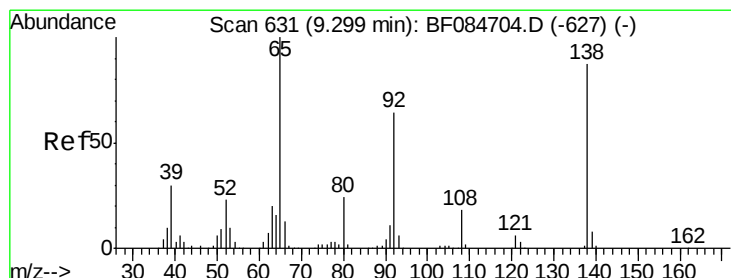
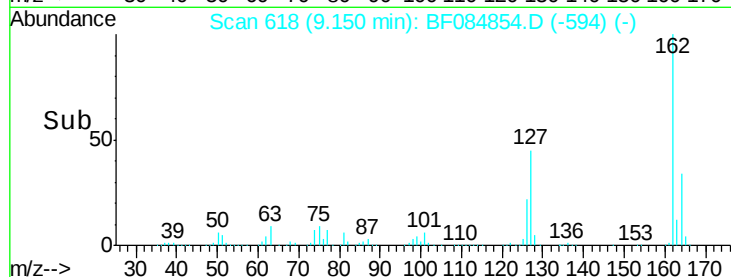
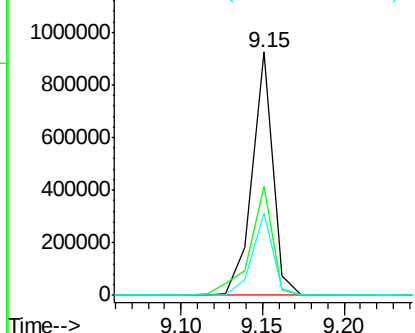
#46
 2-Chloronaphthalene
 Concen: 36.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 814694
 Ion Ratio Lower Upper
 162 100
 127 45.0 40.2 60.4
 164 33.7 25.7 38.5

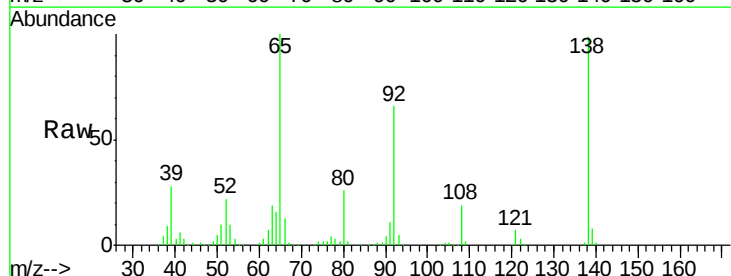


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

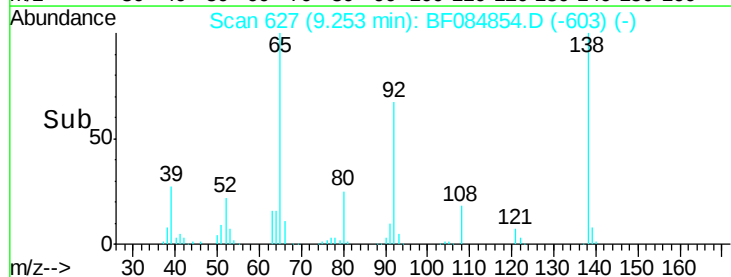
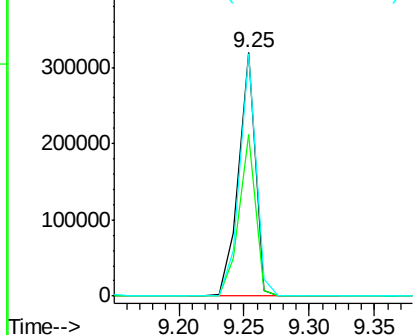


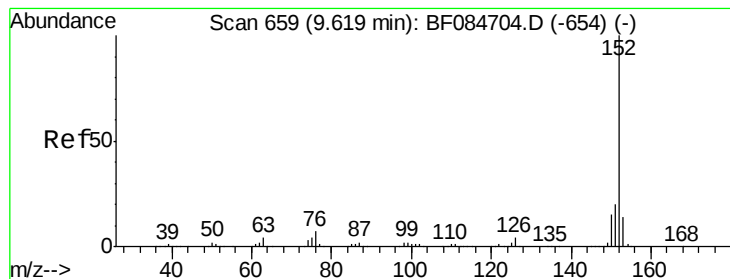
#47
 2-Nitroaniline
 Concen: 40.43 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion: 65 Resp: 283464
 Ion Ratio Lower Upper
 65 100
 92 66.5 53.4 80.2
 138 99.5 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: 37.57 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

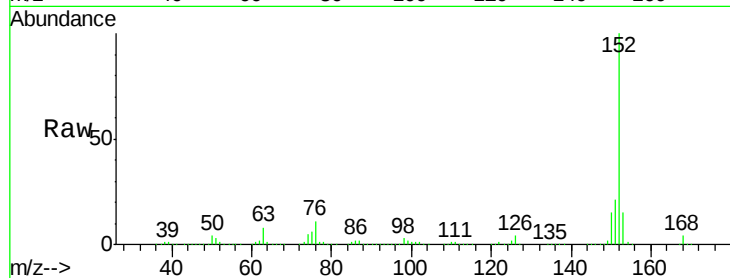
Tgt Ion:152 Resp: 1262411

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

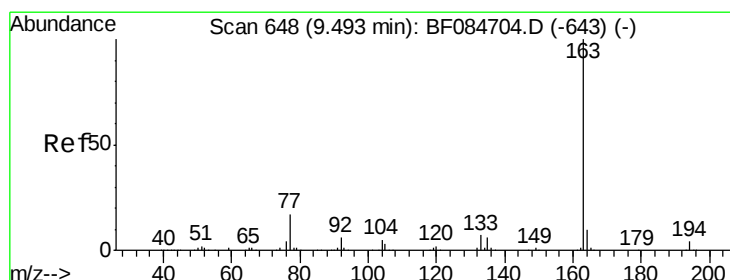
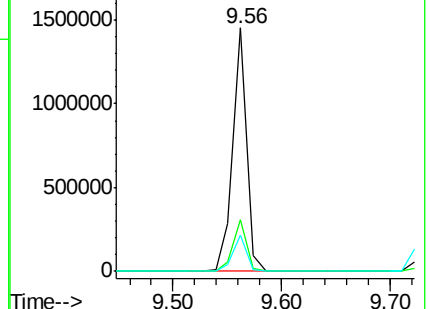
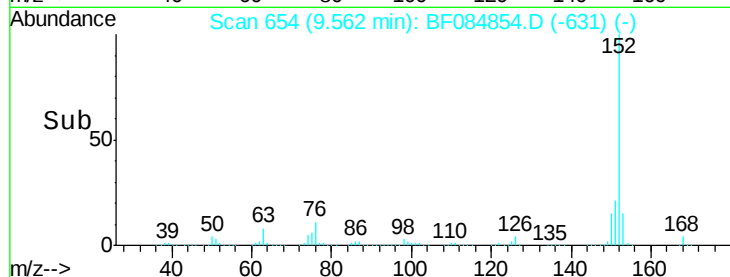
153 14.6 10.4 15.6



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: 36.00 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

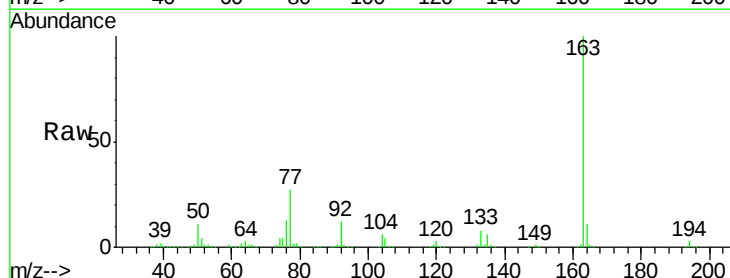
Tgt Ion:163 Resp: 923067

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

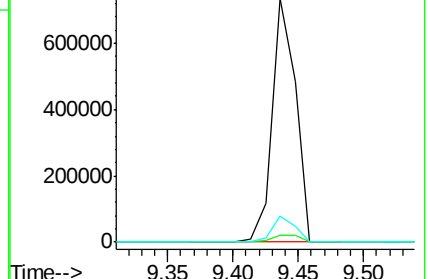
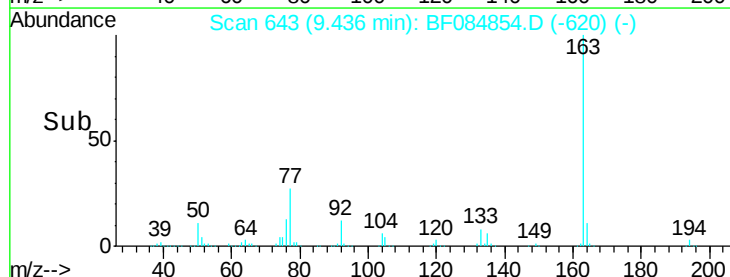
164 10.9 8.0 12.0

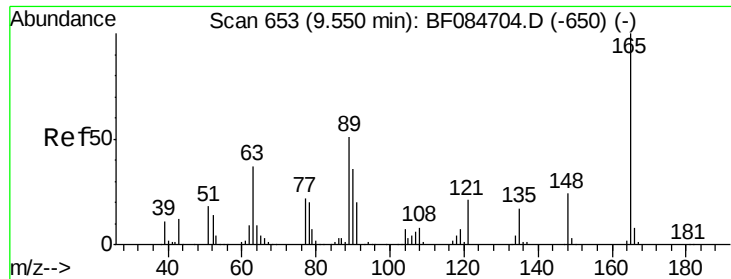


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 39.14 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

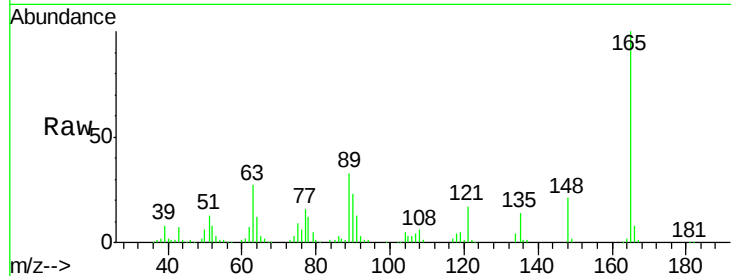
Tgt Ion:165 Resp: 219233

Ion Ratio Lower Upper

165 100

63 27.3 28.8 43.2#

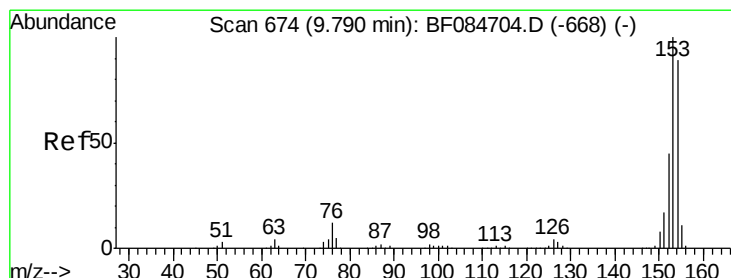
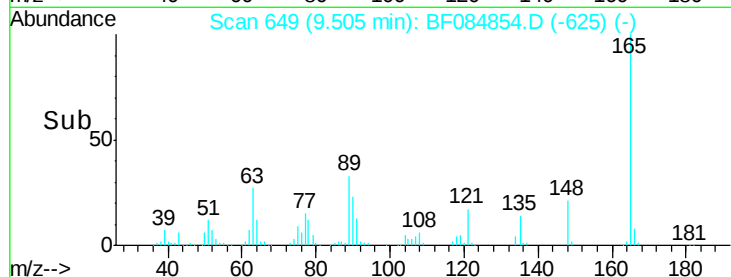
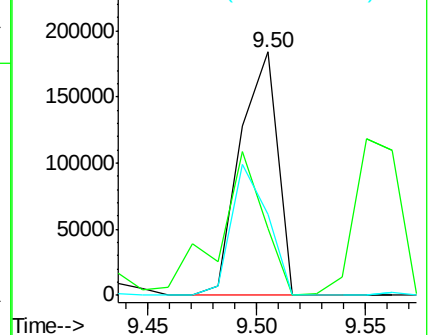
89 33.3 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 38.79 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

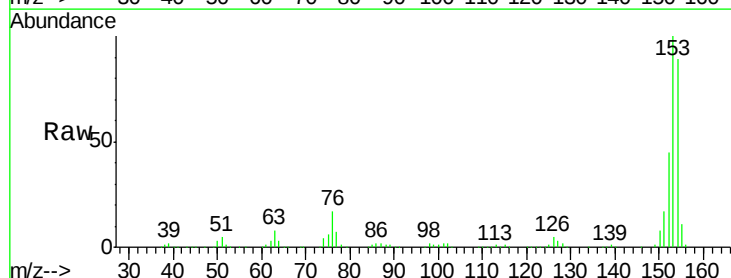
Tgt Ion:154 Resp: 848104

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

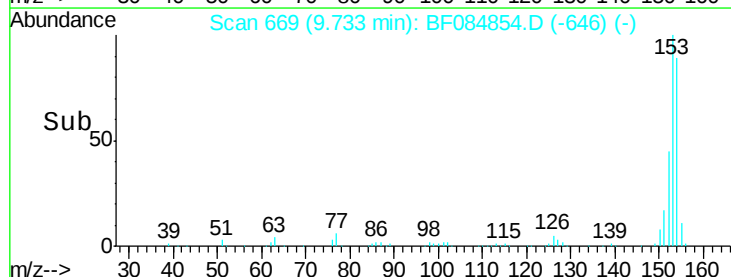
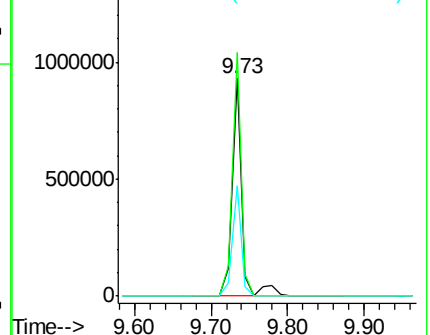
152 50.6 43.0 64.6

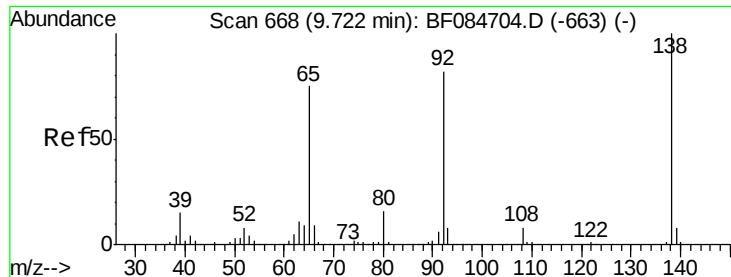


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

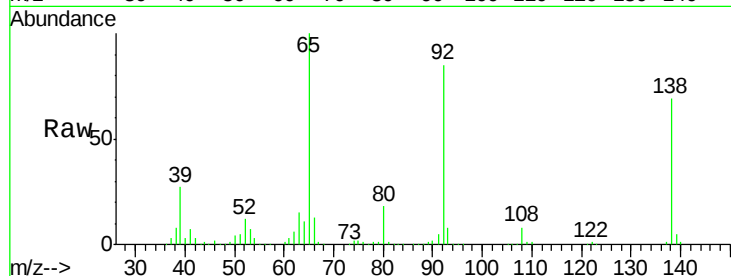




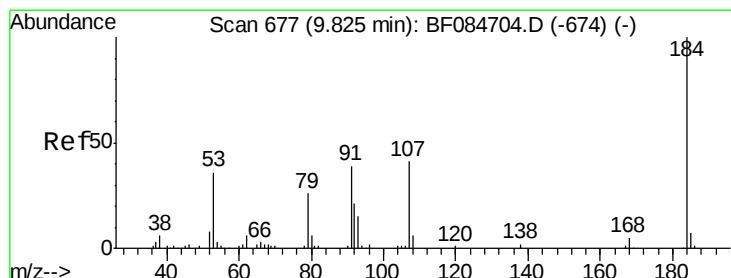
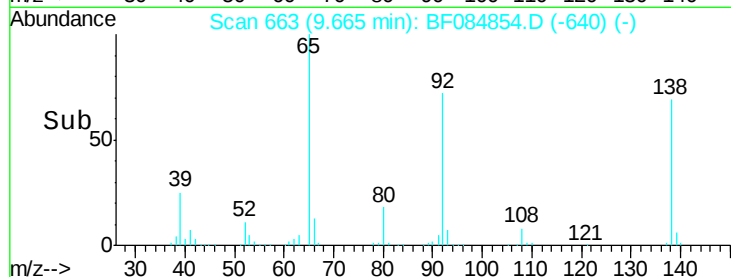
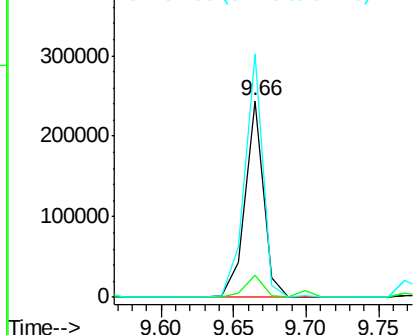
#52
 3-Nitroaniline
 Concen: 34.43 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 216690
 Ion Ratio Lower Upper
 138 100
 108 11.2 10.5 15.7
 92 123.8 103.9 155.9

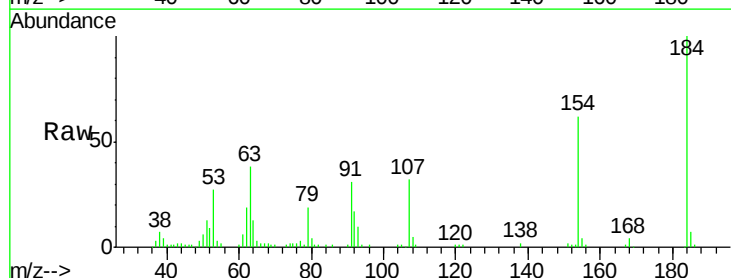


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

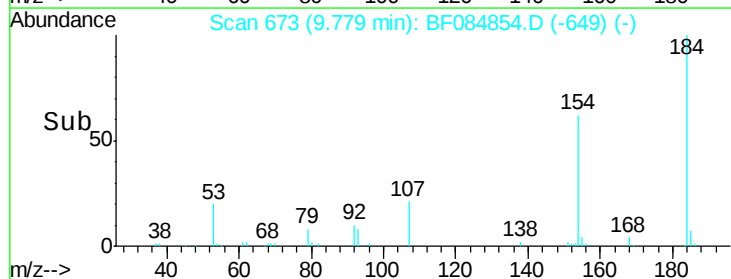
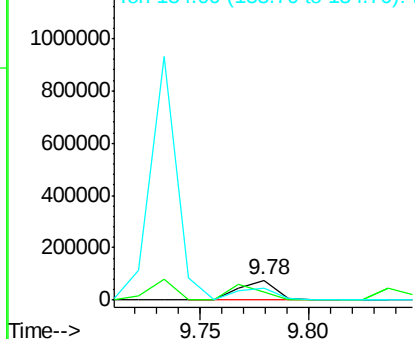


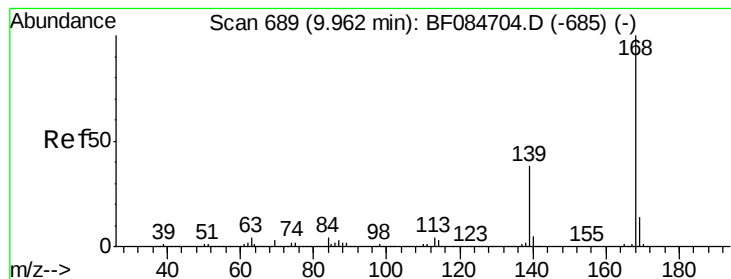
#53
 2,4-Dinitrophenol
 Concen: 38.74 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:184 Resp: 91808
 Ion Ratio Lower Upper
 184 100
 63 37.6 43.1 64.7#
 154 61.5 60.5 90.7



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





#54

Dibenzofuran

Concen: 36.43 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

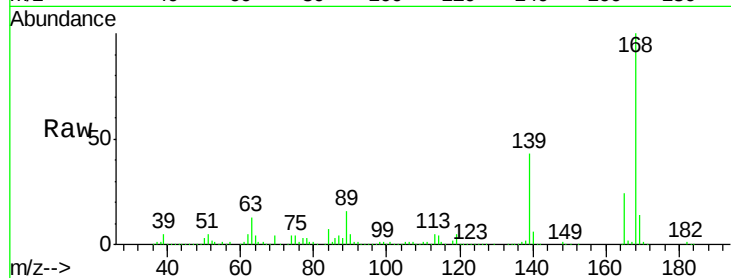
Tgt Ion:168 Resp: 973514

Ion Ratio Lower Upper

168 100

139 43.4 30.5 45.7

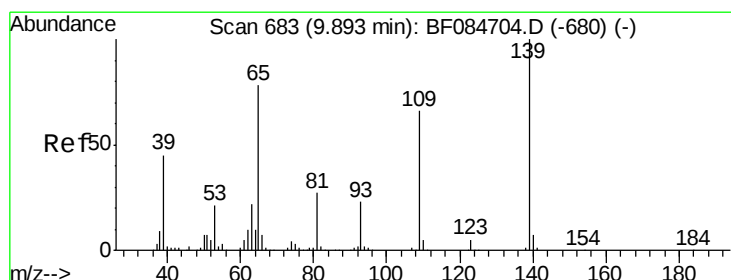
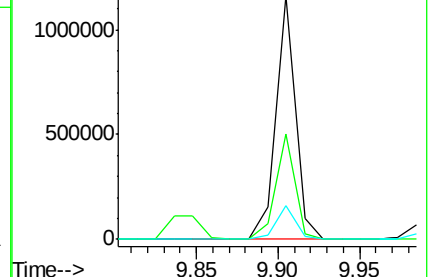
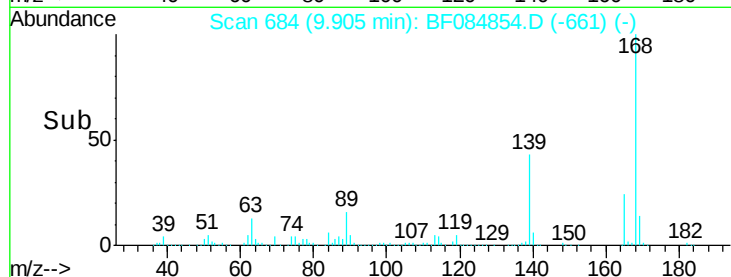
169 14.0 10.4 15.6



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: 34.93 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

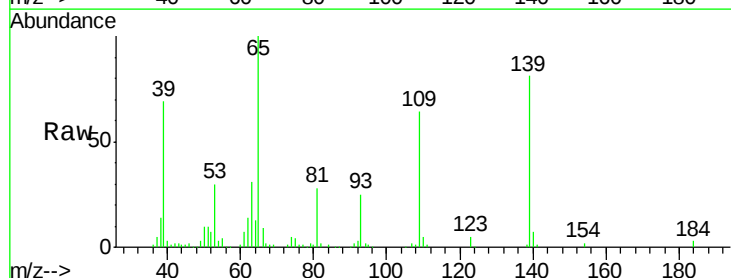
Tgt Ion:139 Resp: 161607

Ion Ratio Lower Upper

139 100

109 78.9 58.5 98.5

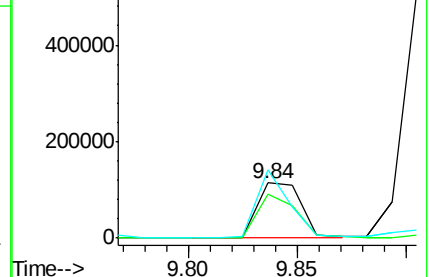
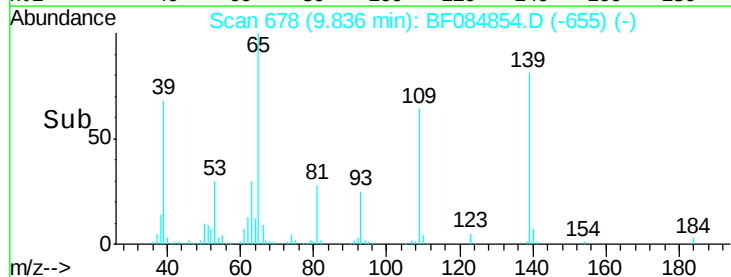
65 123.3 57.6 97.6#

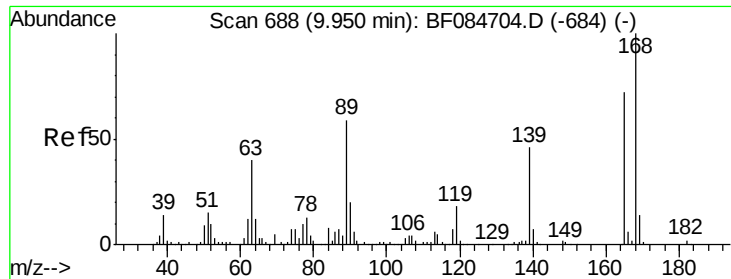


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

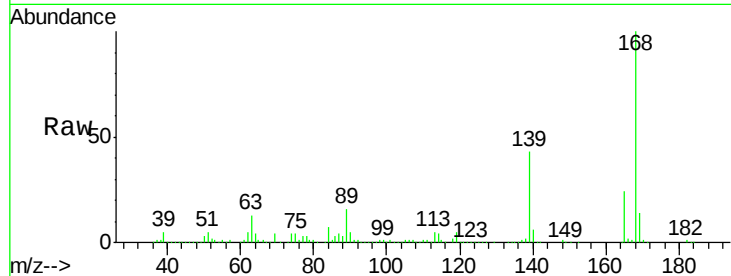




#56
2,4-Dinitrotoluene
Concen: 40.61 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	36.7	55.1
89	69.4	61.9	92.9
182	2.3	2.0	3.0



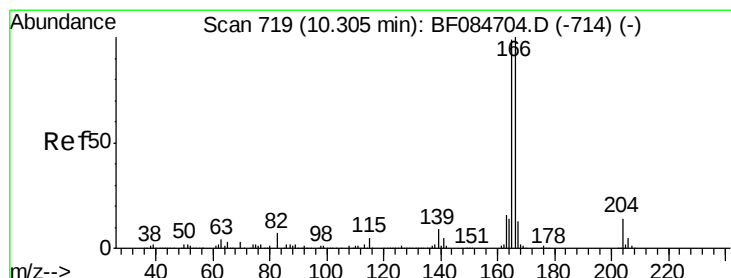
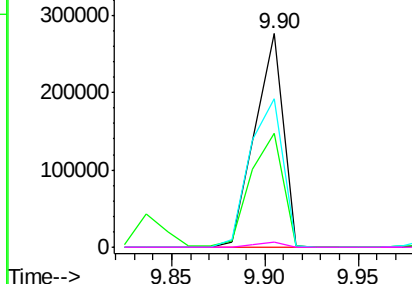
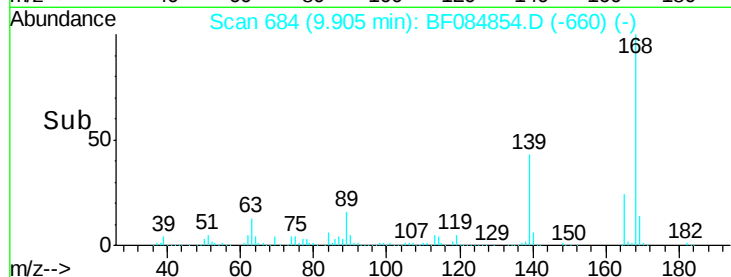
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

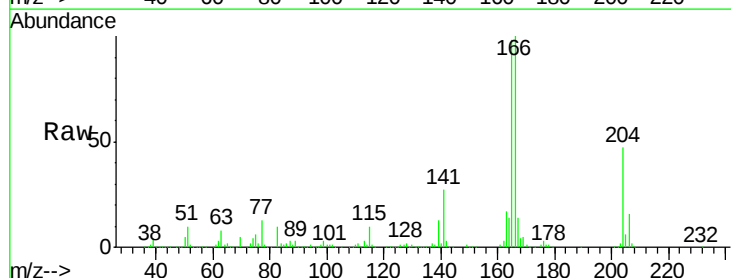
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 38.81 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	14.1	10.4	15.6

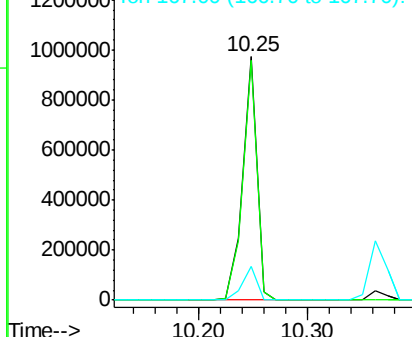
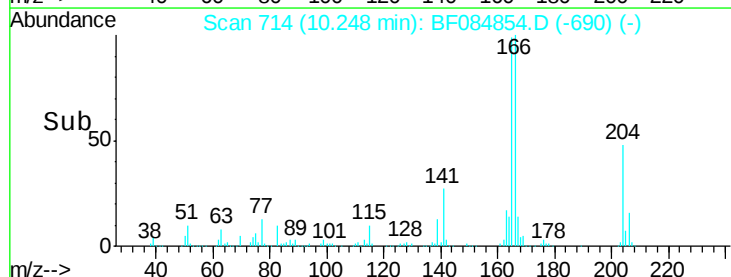


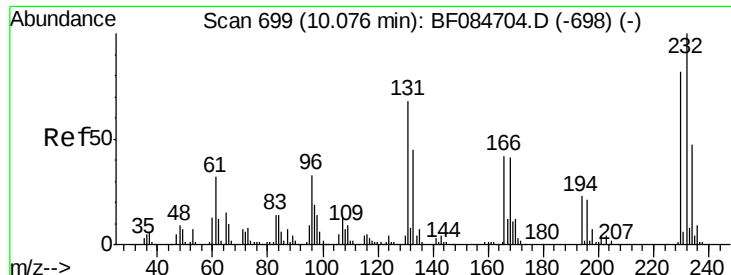
Abundance

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

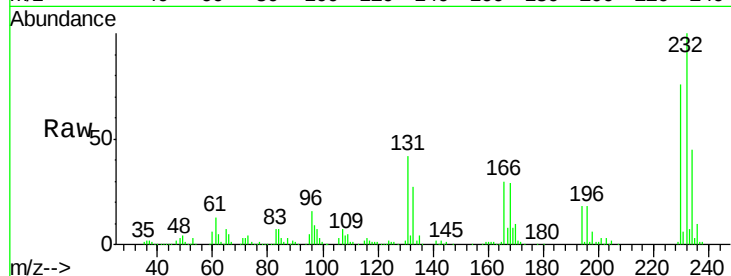




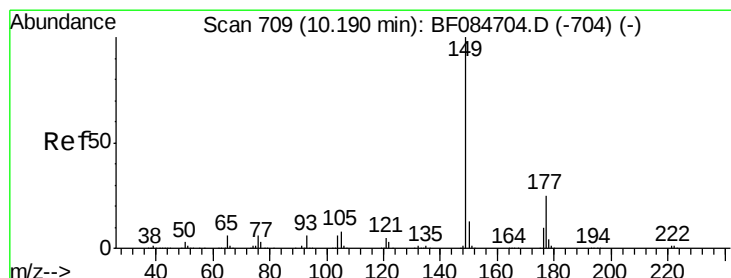
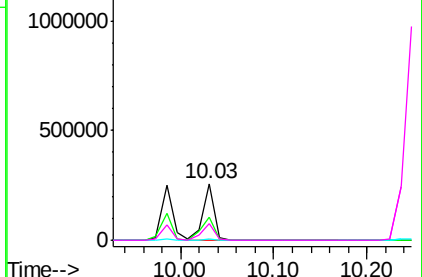
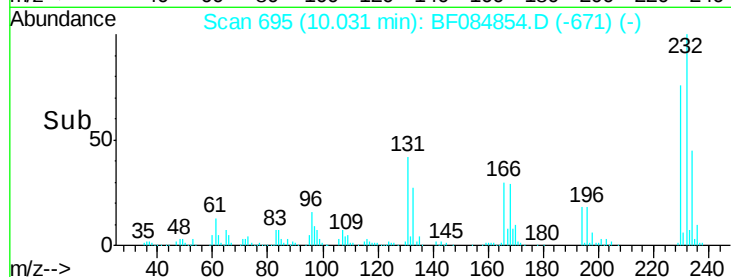
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.43 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	220725
Ion Ratio	Lower	Upper	
232	100		
131	48.4	47.0	70.6
130	2.4	2.0	3.0
166	32.4	30.5	45.7

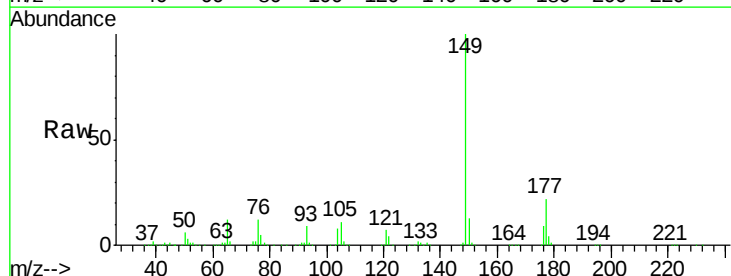


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

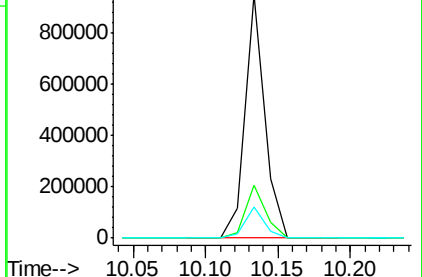
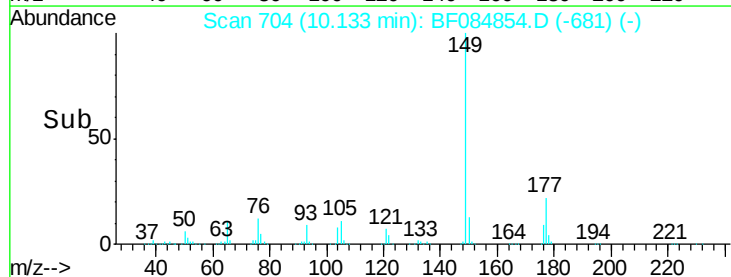


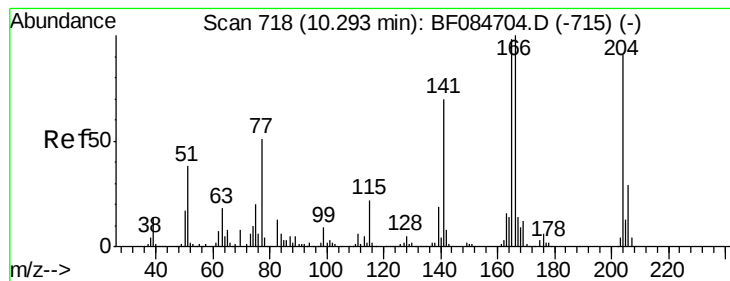
#59
 Diethylphthalate
 Concen: 35.64 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:	149	Resp:	892298
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.3	25.9
150	13.0	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: 46.15 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

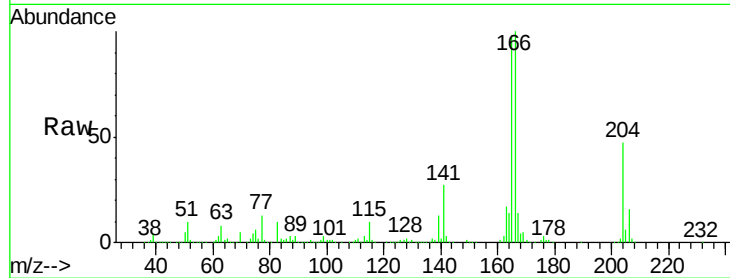
Tgt Ion:204 Resp: 430912

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

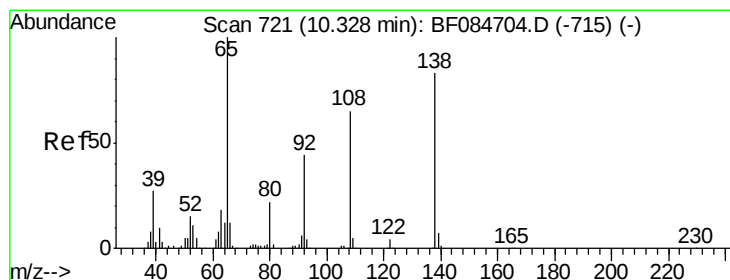
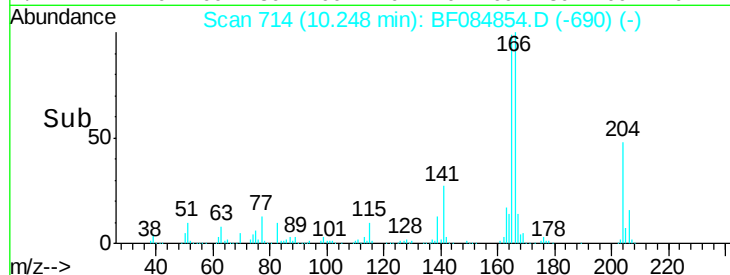
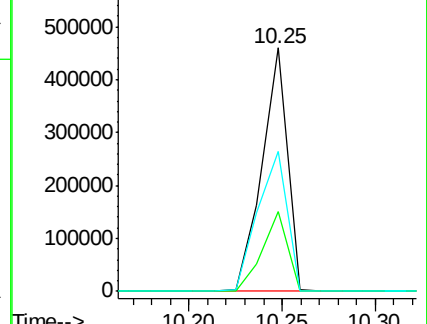
141 57.3 55.1 82.7



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: 42.31 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

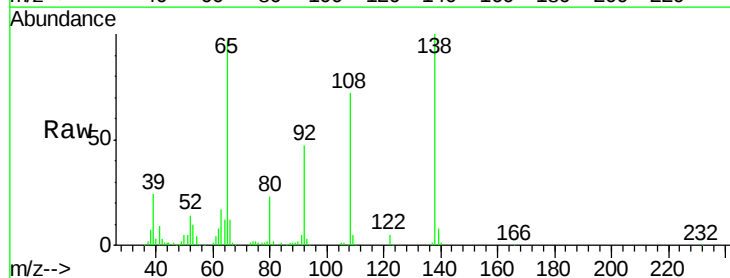
Tgt Ion:138 Resp: 259531

Ion Ratio Lower Upper

138 100

92 46.8 32.6 72.6

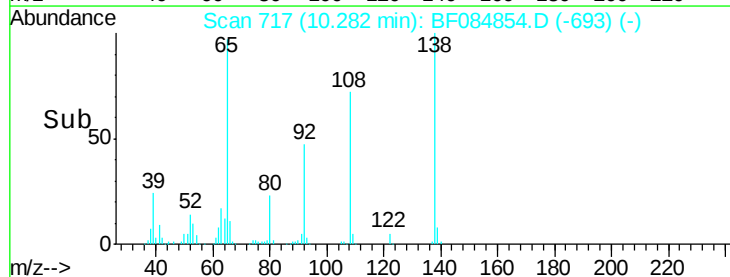
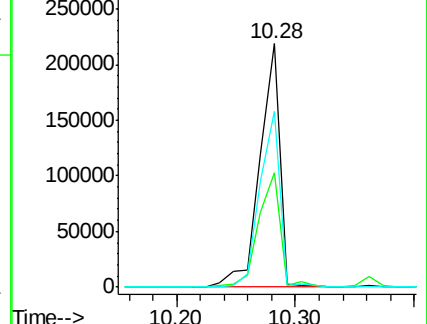
108 72.3 68.6 108.6

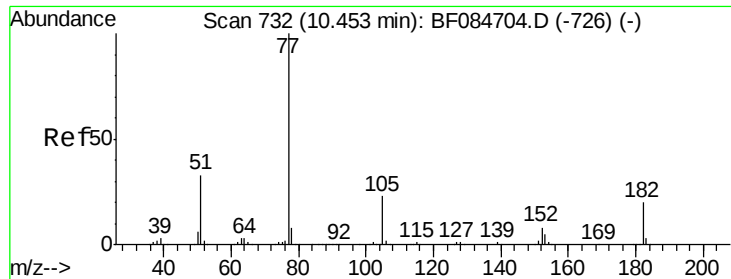


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 38.70 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 931653

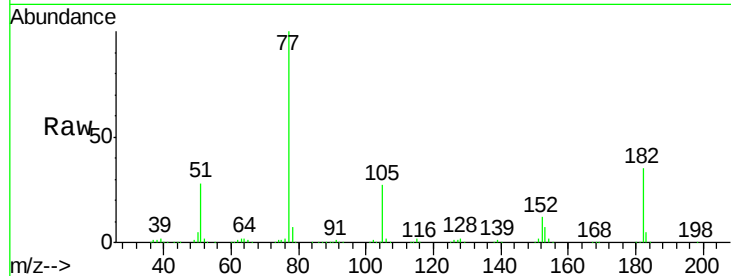
Ion Ratio Lower Upper

77 100

182 35.2 8.3 48.3

105 27.4 4.6 44.6

51 27.6 6.2 46.2

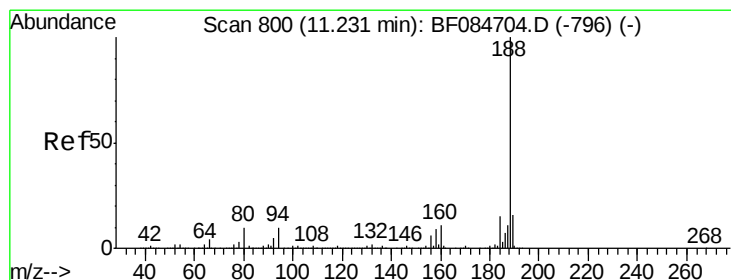
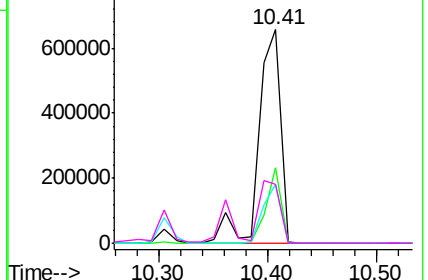
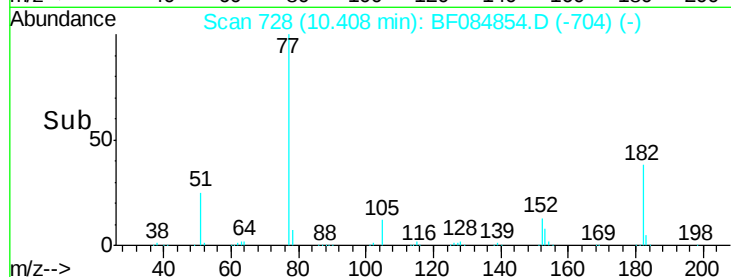


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

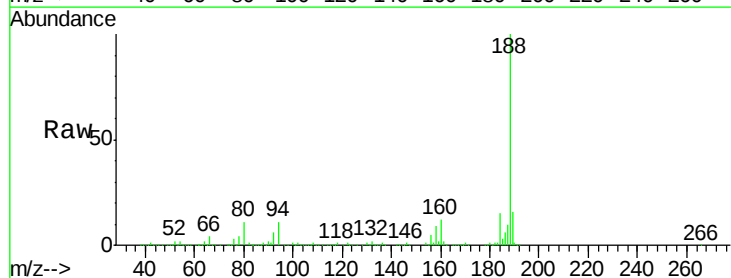
Tgt Ion: 188 Resp: 581642

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

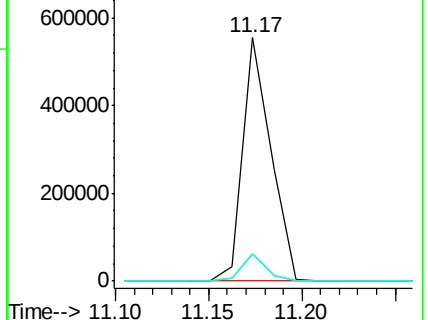
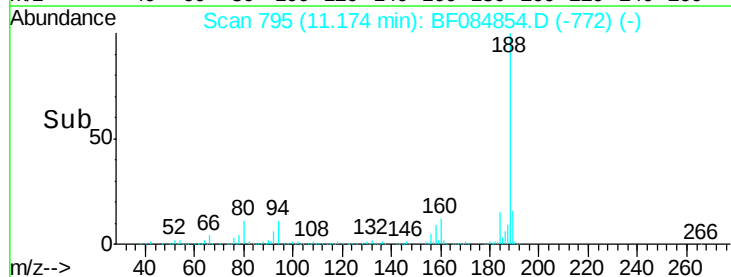
80 11.3 9.6 14.4

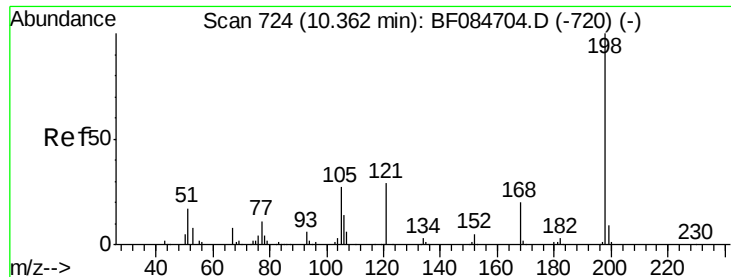


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.77 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

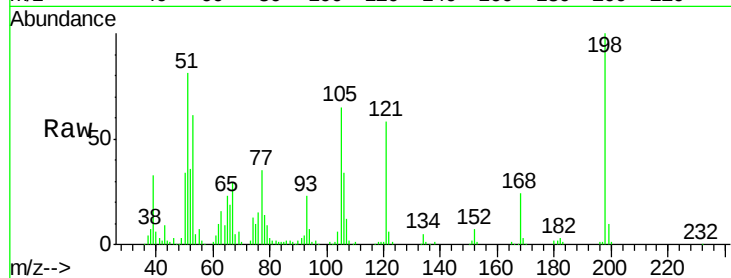
Tgt Ion:198 Resp: 142758

Ion Ratio Lower Upper

198 100

51 80.9 18.9 58.9#

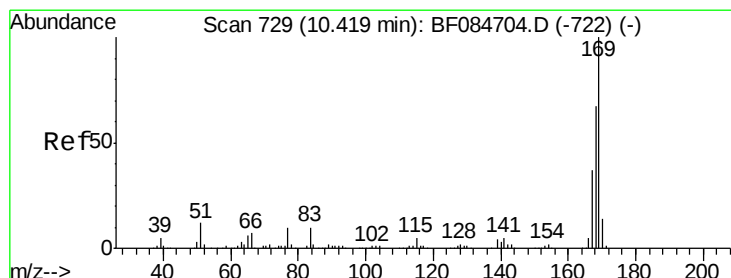
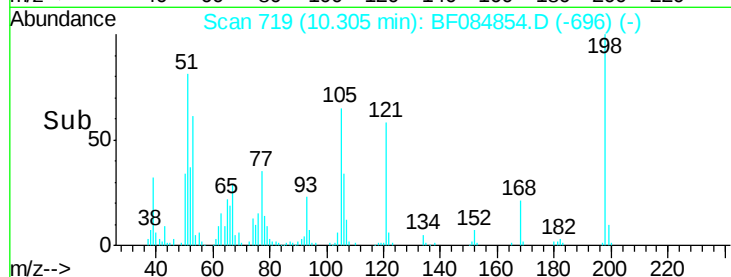
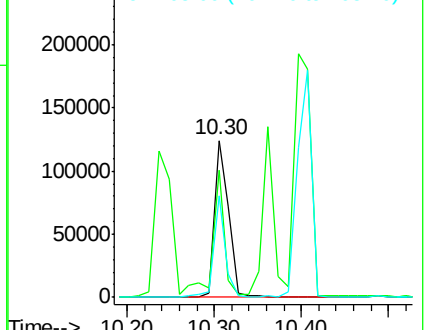
105 64.6 26.4 66.4



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: 38.00 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

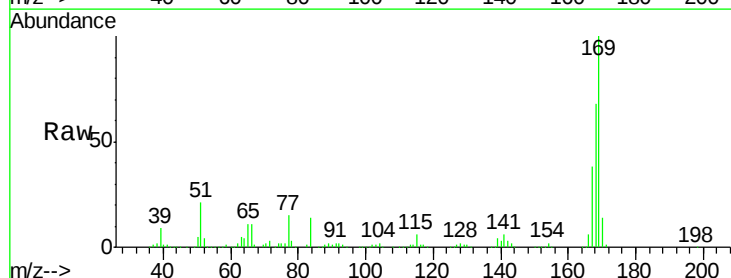
Tgt Ion:169 Resp: 701881

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

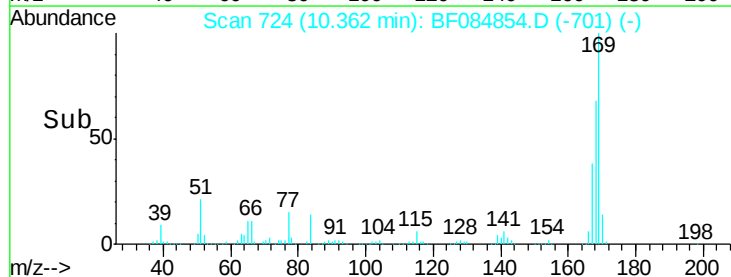
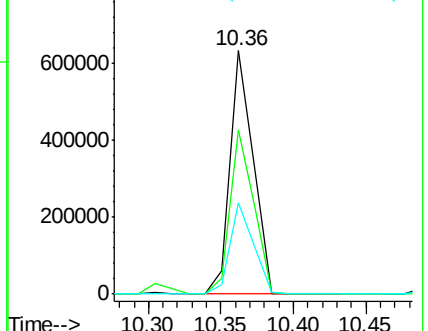
167 37.5 30.0 45.0

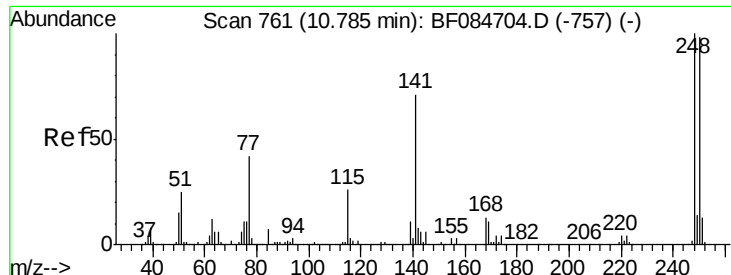


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

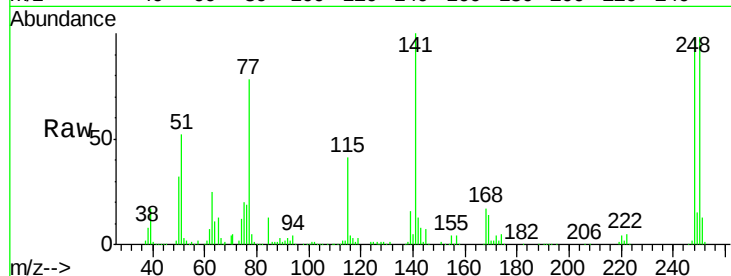




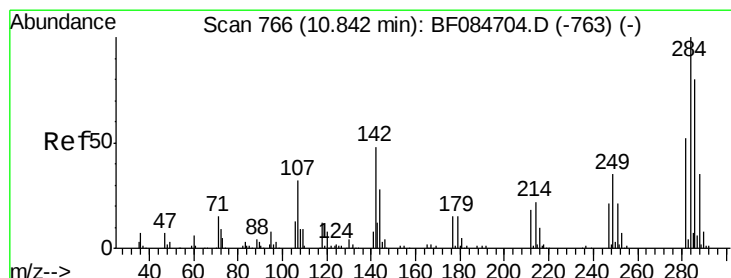
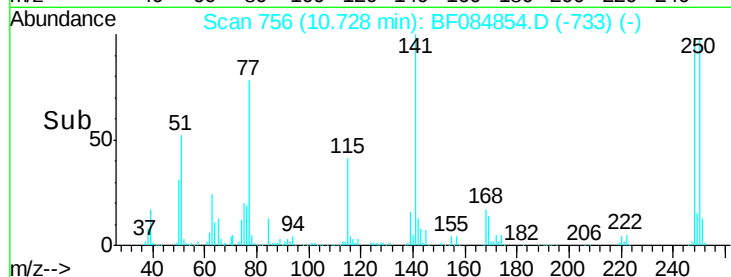
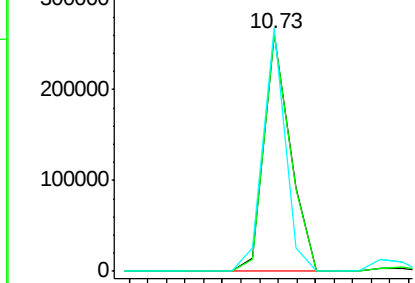
#66
4-Bromophenyl-phenylether
Concen: 39.34 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 252722
Ion Ratio Lower Upper
248 100
250 100.0 78.4 117.6
141 102.5 44.0 66.0#

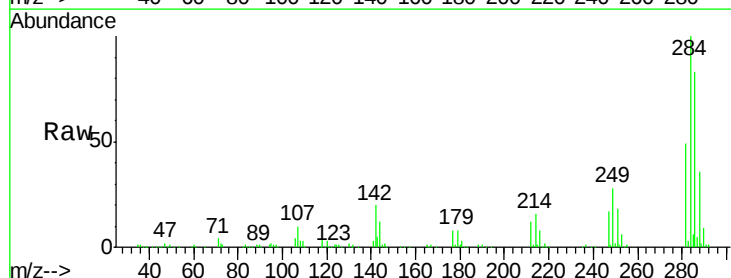


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

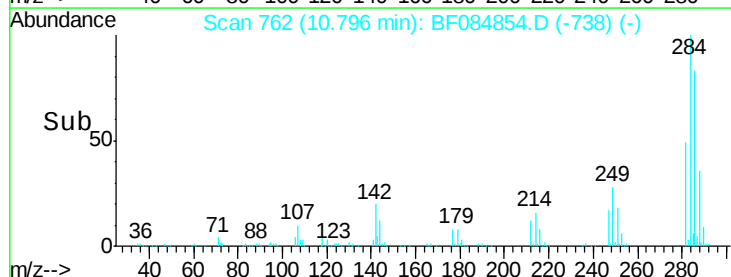
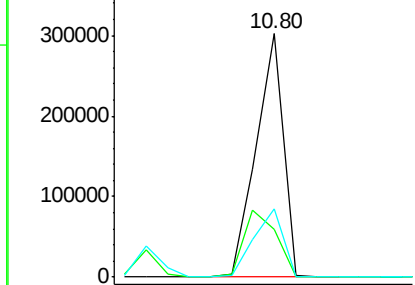


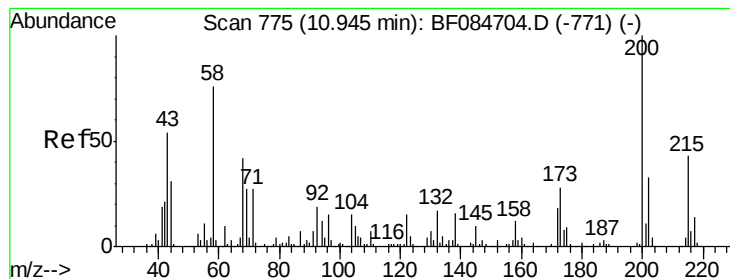
#67
Hexachlorobenzene
Concen: 43.44 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:284 Resp: 304087
Ion Ratio Lower Upper
284 100
142 19.9 22.2 33.4#
249 28.1 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: 43.22 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

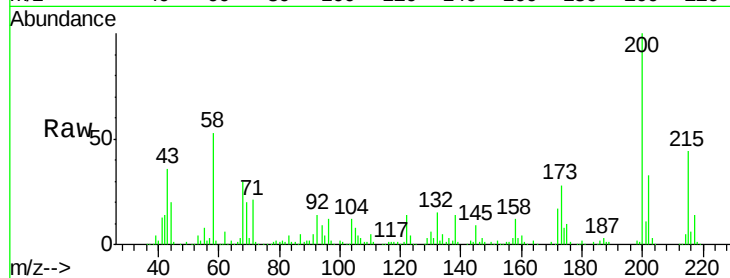
Tgt Ion:200 Resp: 252099

Ion Ratio Lower Upper

200 100

173 27.7 9.5 49.5

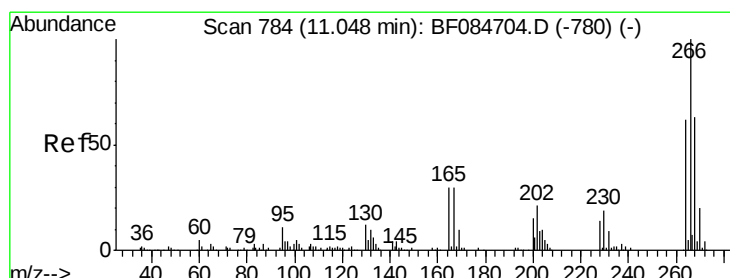
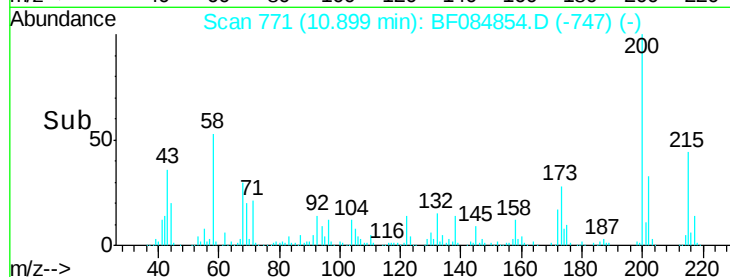
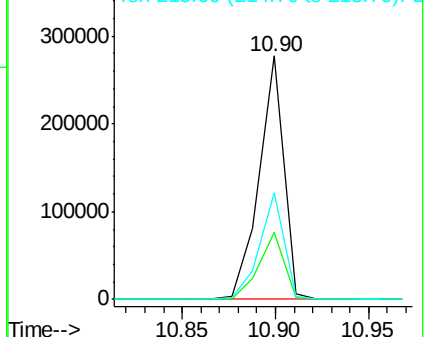
215 43.7 23.8 63.8



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: 43.43 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

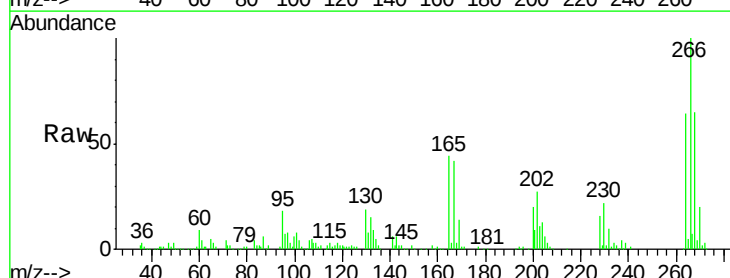
Tgt Ion:266 Resp: 142890

Ion Ratio Lower Upper

266 100

268 65.1 52.4 78.6

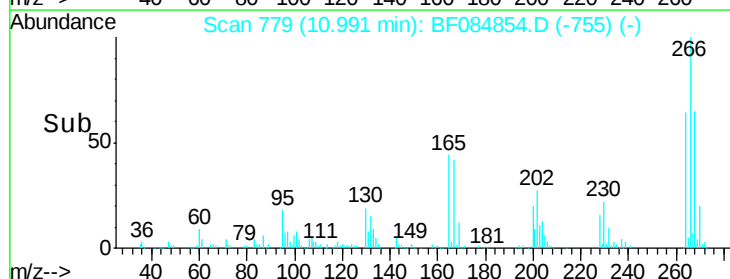
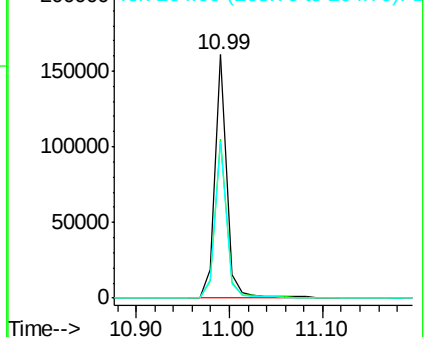
264 64.2 50.2 75.2

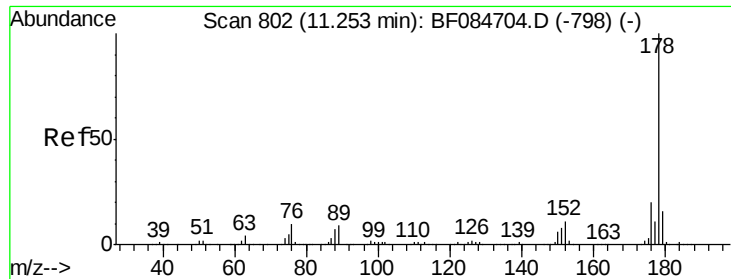


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

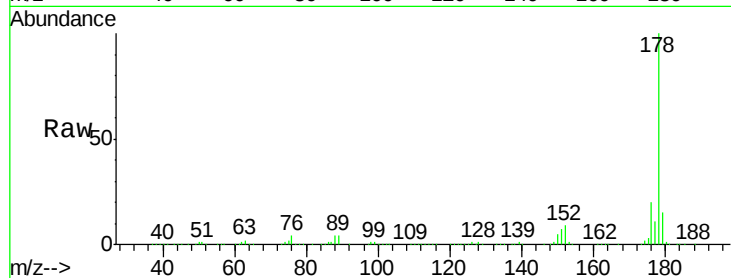




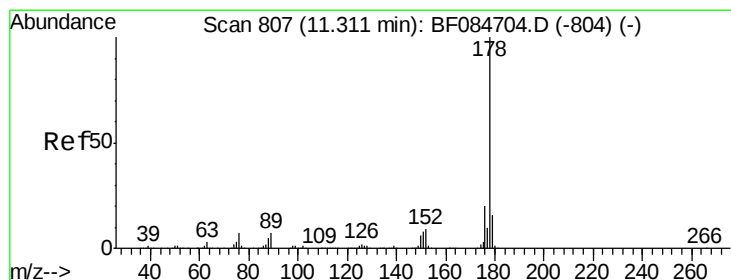
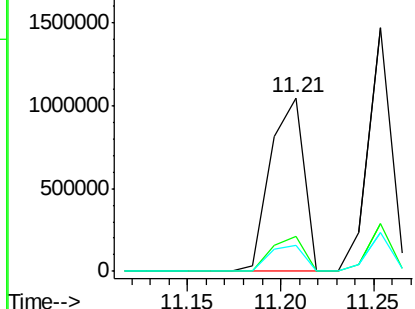
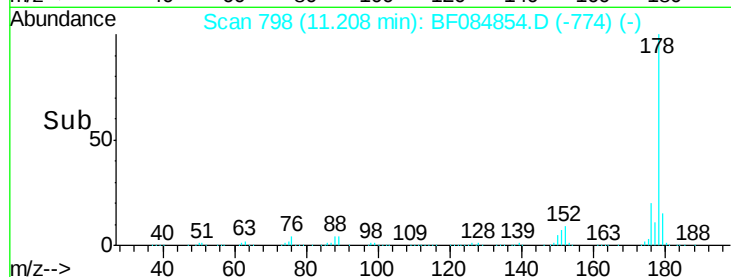
#70
Phenanthrene
Concen: 40.52 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1307239
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 15.3 12.0 18.0

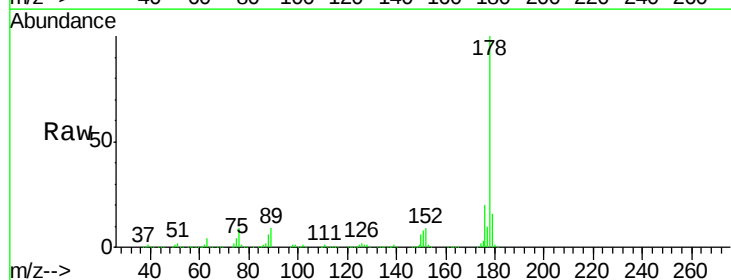


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

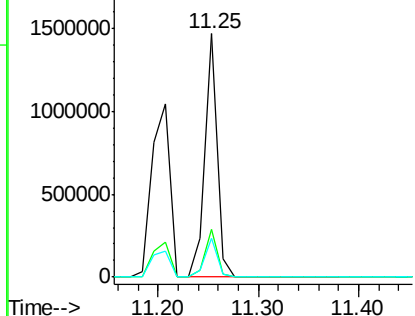
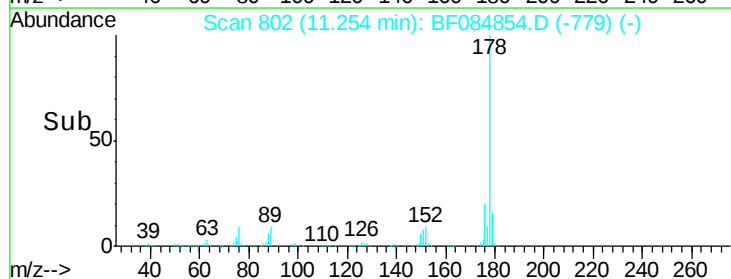


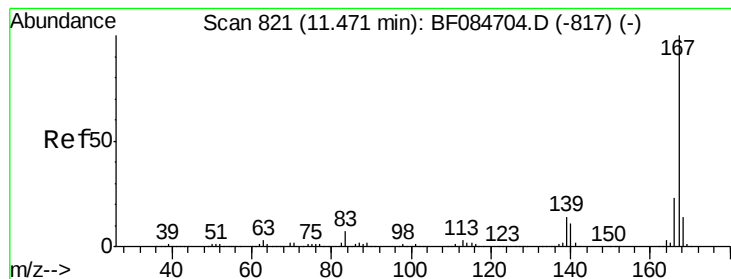
#71
Anthracene
Concen: 38.58 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:178 Resp: 1254107
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.36 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

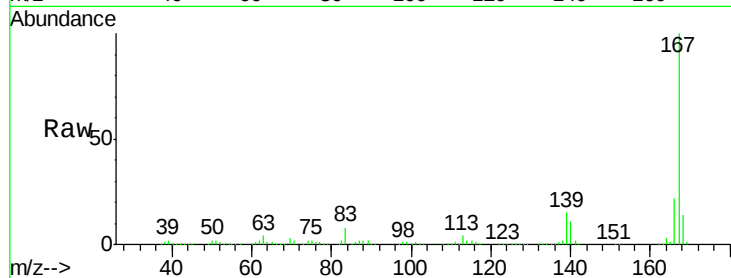
Tgt Ion:167 Resp: 1087272

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

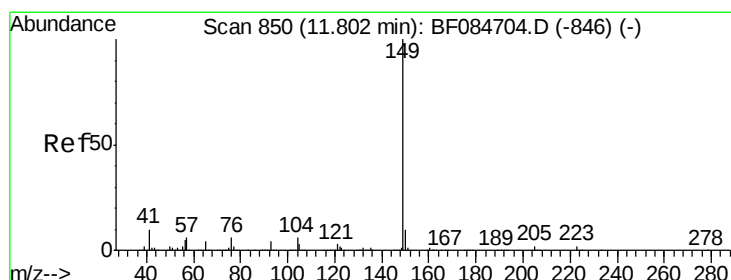
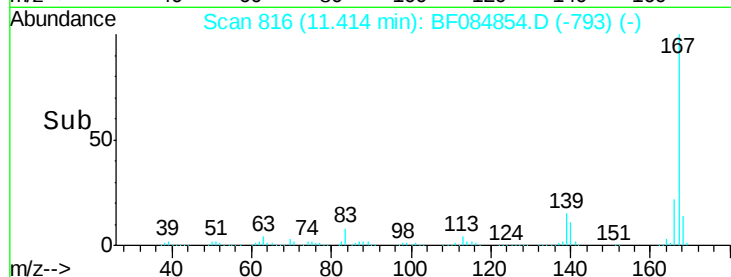
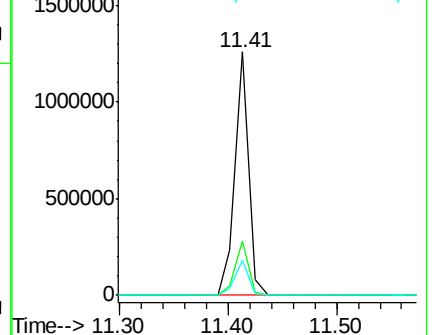
139 14.6 11.8 17.8



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: 41.92 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

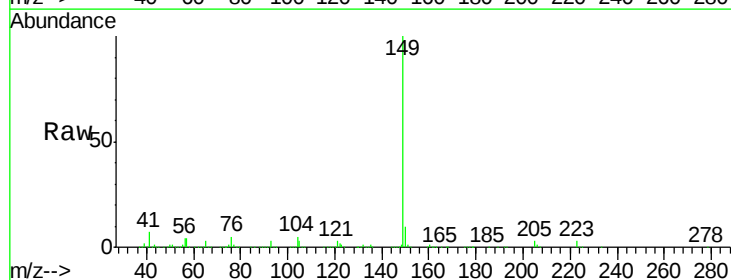
Tgt Ion:149 Resp: 1512685

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

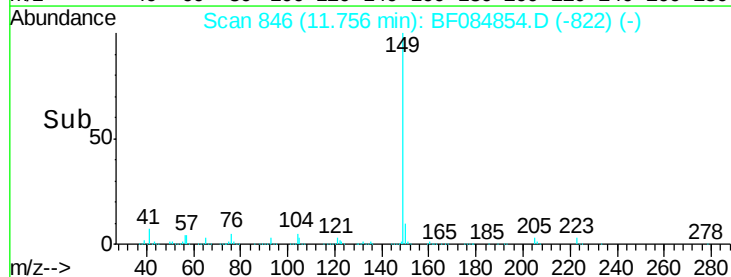
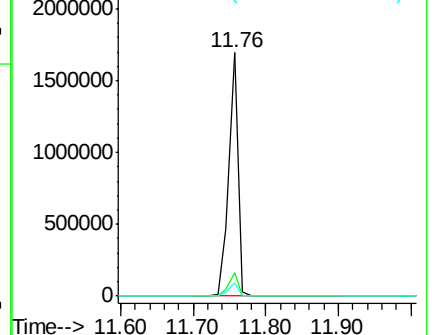
104 5.2 3.2 4.8#

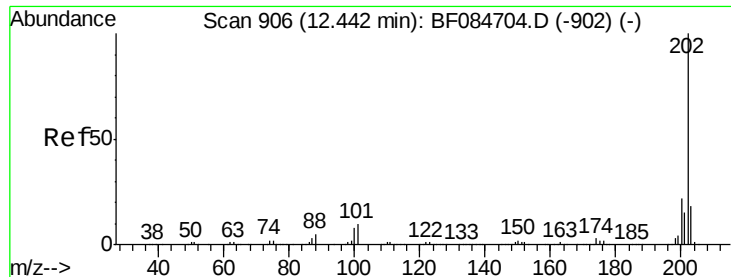


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.47 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

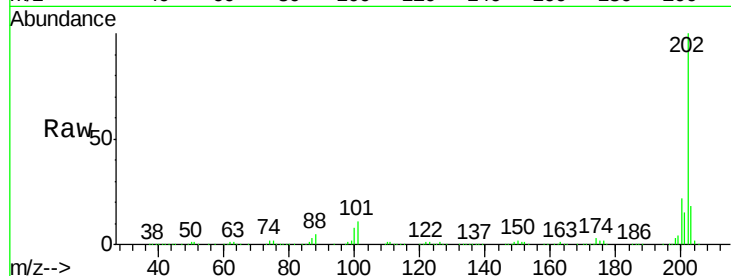
Tgt Ion:202 Resp: 1288762

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.8

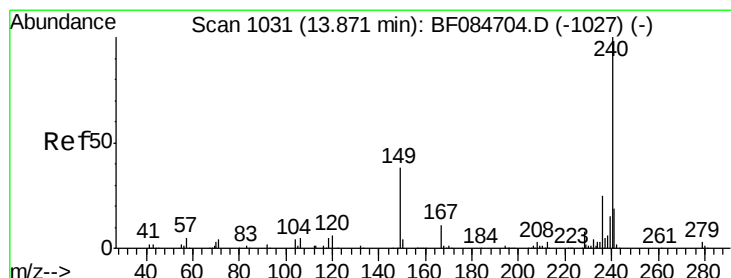
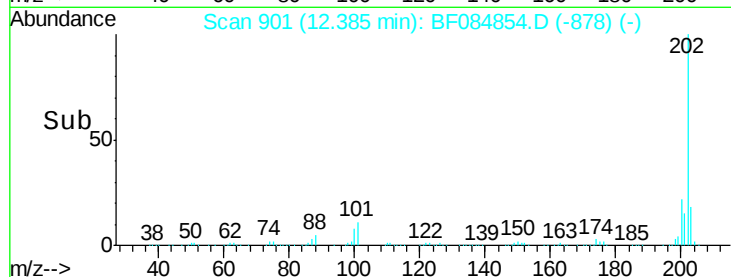
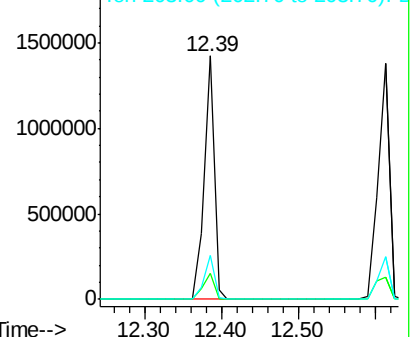
203 18.3 0.0 37.9



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

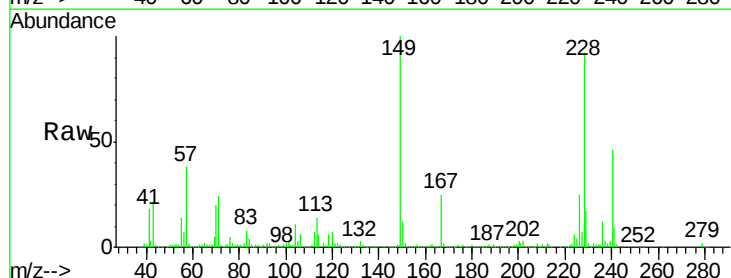
Tgt Ion:240 Resp: 381557

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

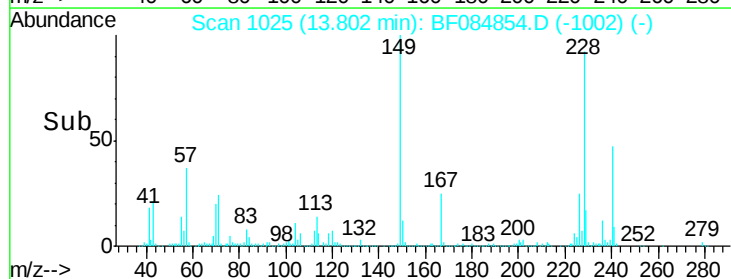
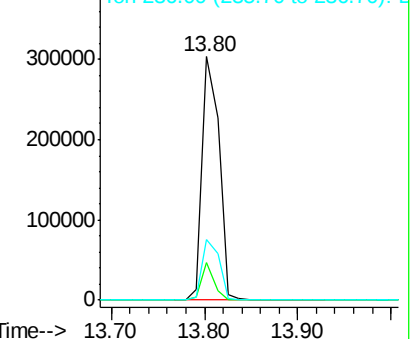
236 24.9 20.6 31.0

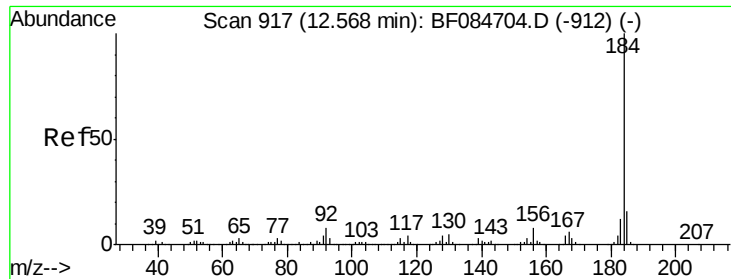


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 38.34 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

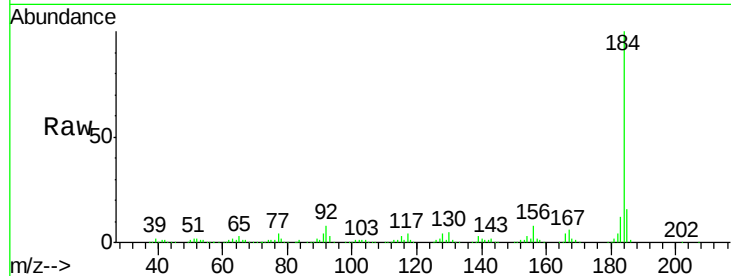
Tgt Ion:184 Resp: 516327

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

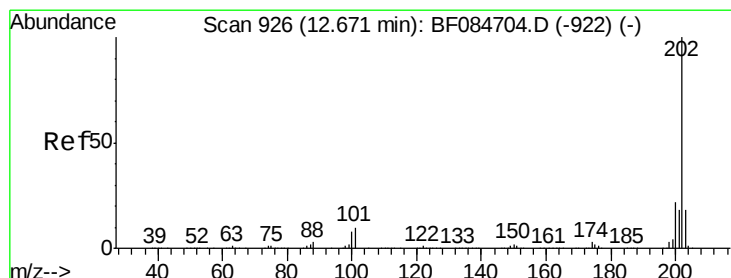
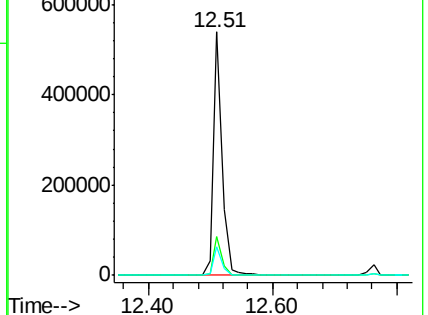
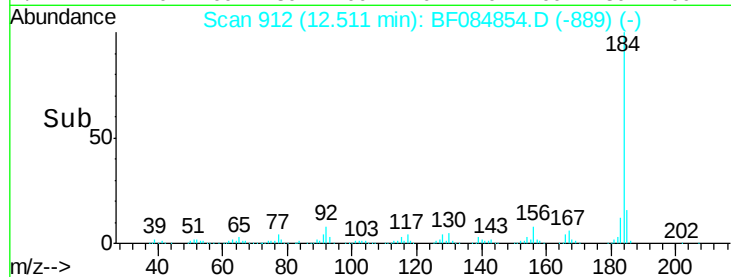
183 11.7 9.8 14.8



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: 47.56 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

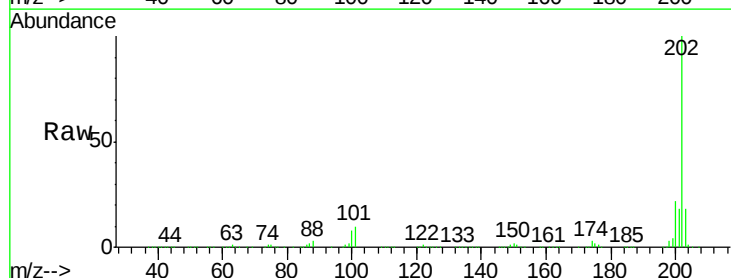
Tgt Ion:202 Resp: 1389252

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

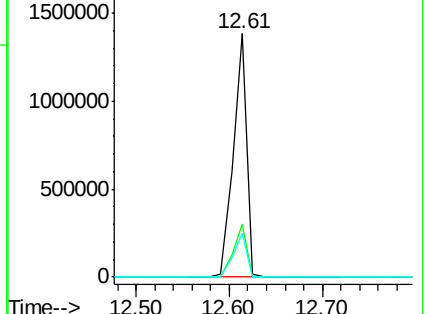
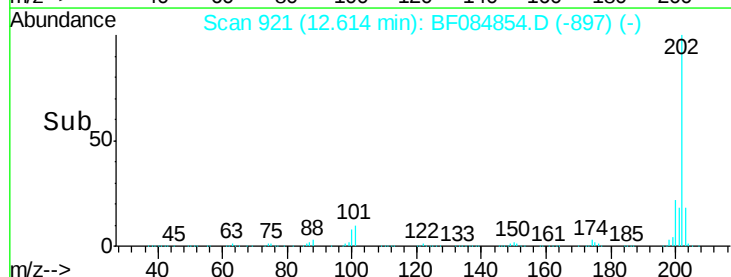
203 17.8 14.3 21.5

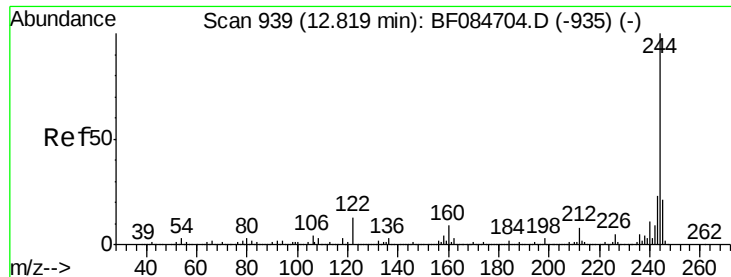


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

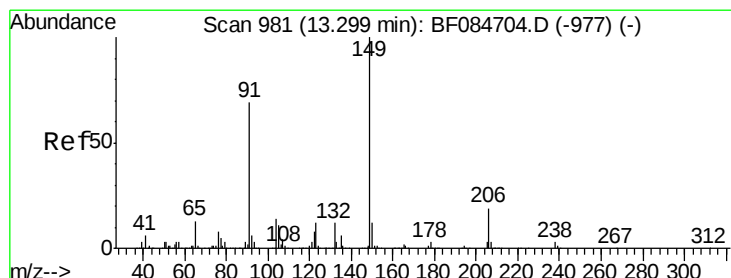
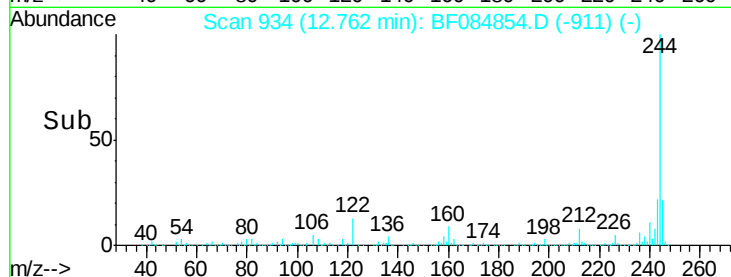
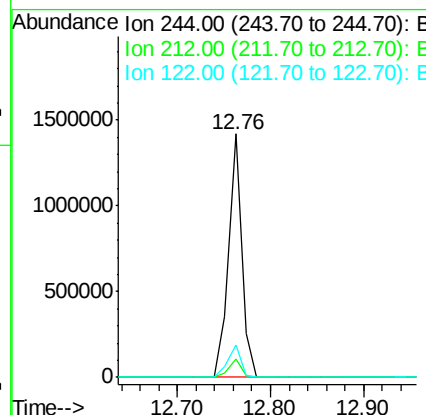
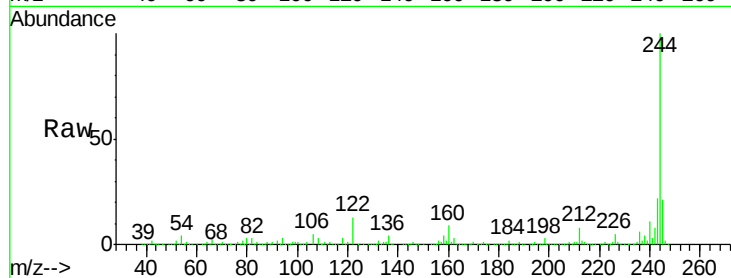




#78
 Terphenyl-d14
 Concen: 83.19 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

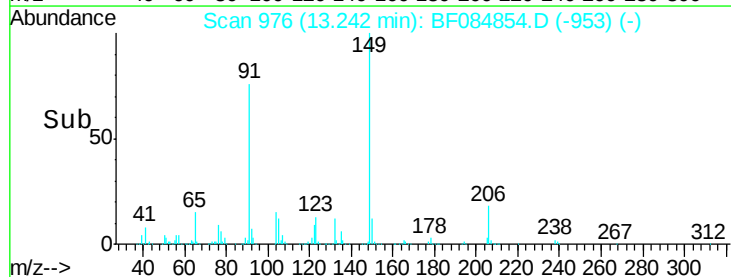
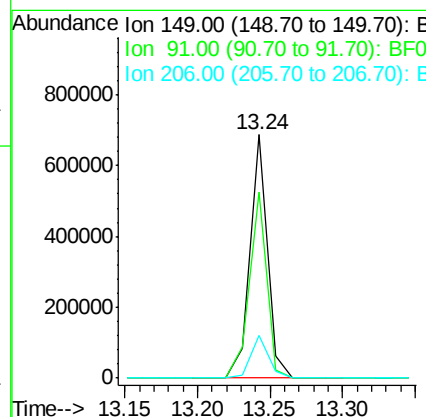
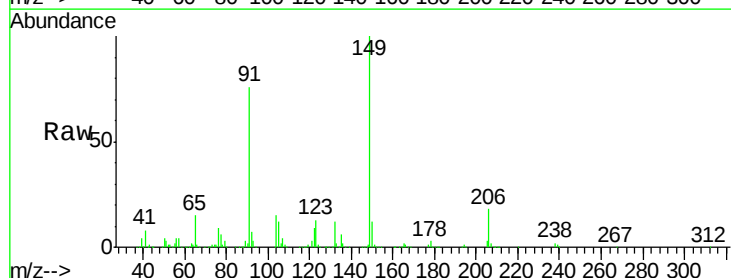
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

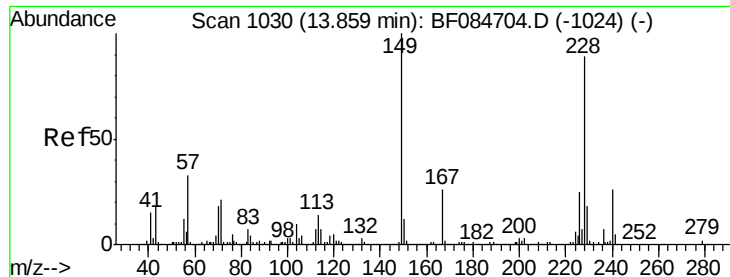
Tgt Ion:244 Resp: 1400689
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.4 7.4 11.0#



#79
 Butylbenzylphthalate
 Concen: 43.14 ng
 RT: 13.24 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: BF084854.D
 Acq: 5 Feb 2016 12:40

Tgt Ion:149 Resp: 571695
 Ion Ratio Lower Upper
 149 100
 91 76.3 57.6 86.4
 206 17.6 13.2 19.8





#80

Benzo(a)anthracene

Concen: 42.25 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

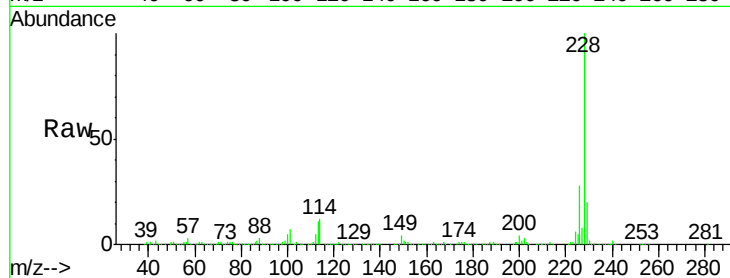
Tgt Ion:228 Resp: 1000608

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

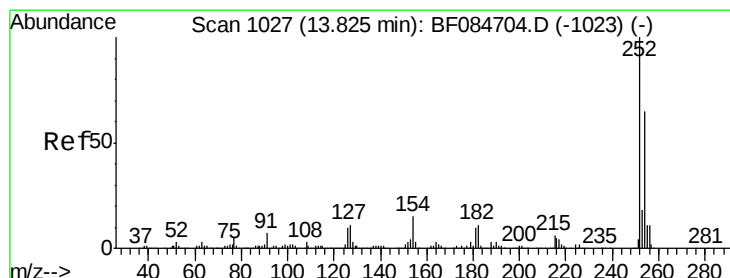
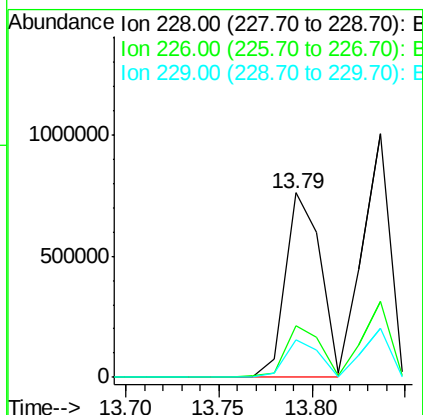
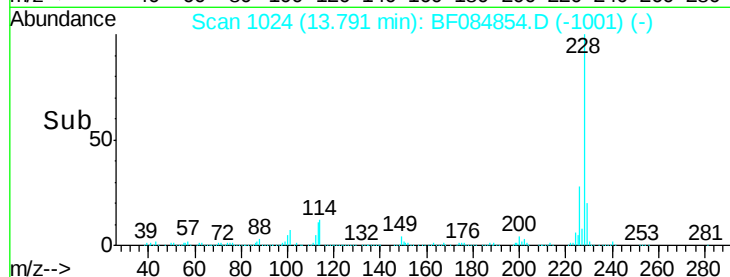
229 20.3 15.8 23.8



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: 44.69 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

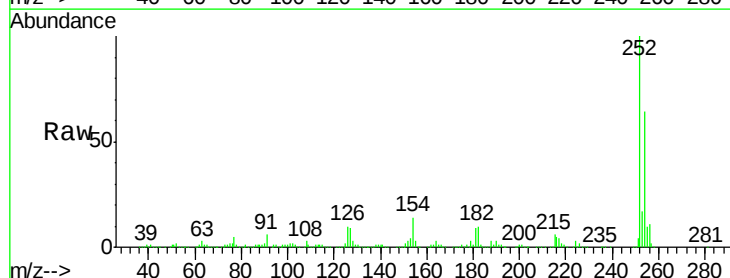
Tgt Ion:252 Resp: 374718

Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

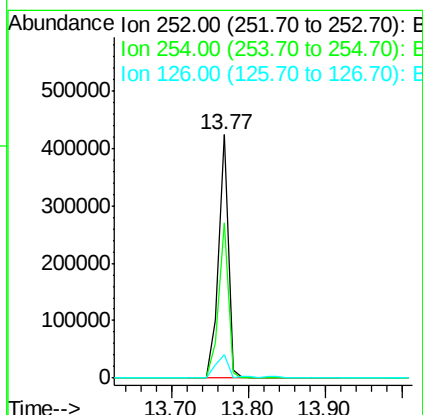
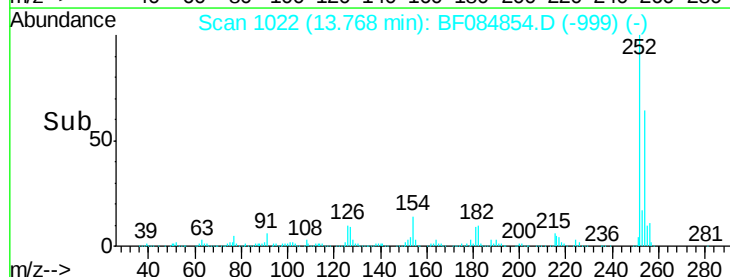
126 9.7 4.9 7.3#

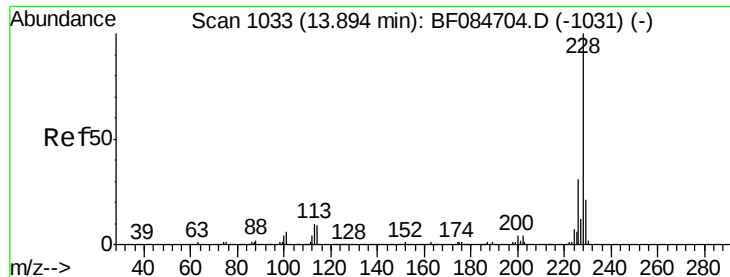


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.67 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

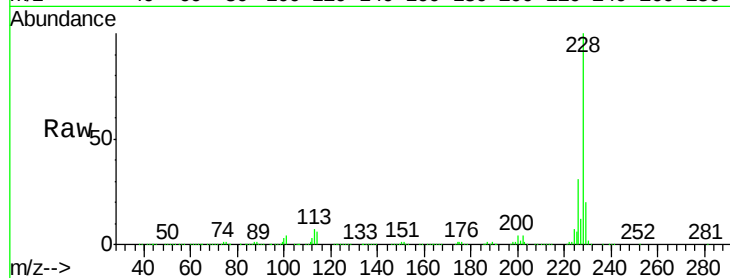
Tgt Ion:228 Resp: 1025795

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

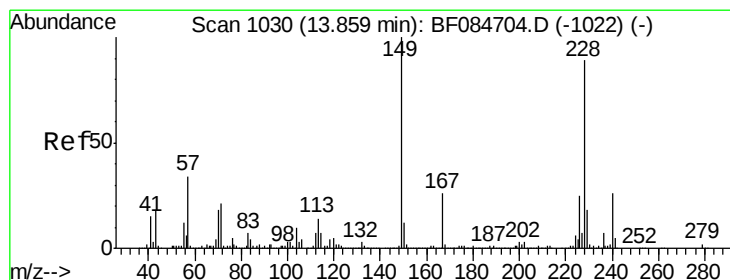
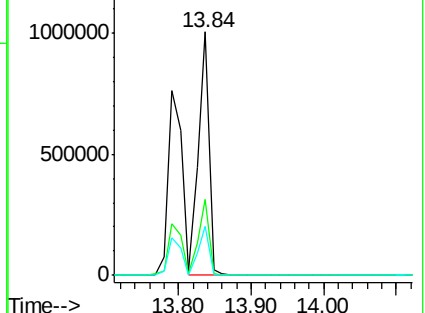
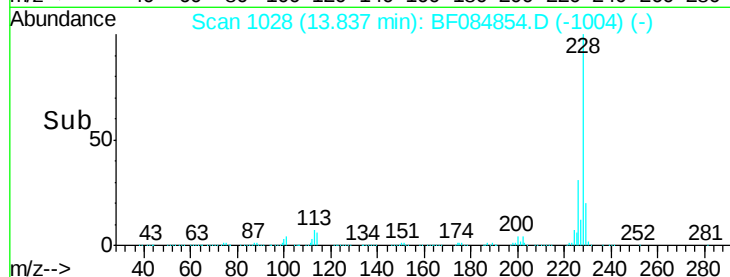
229 20.2 16.1 24.1



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: 42.19 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

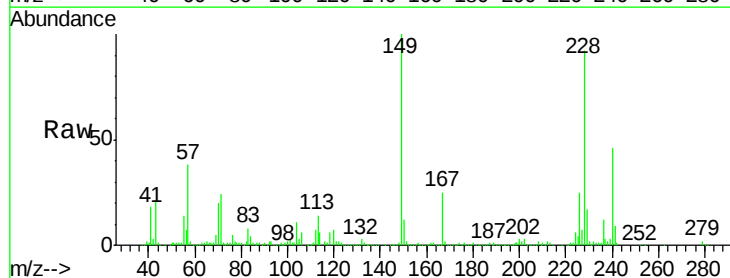
Tgt Ion:149 Resp: 695795

Ion Ratio Lower Upper

149 100

167 24.7 19.7 29.5

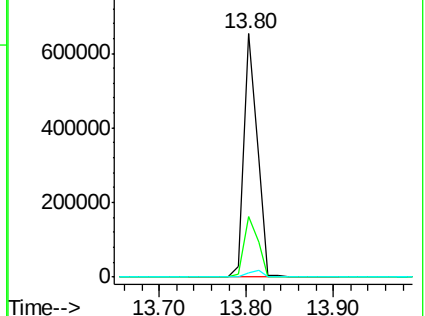
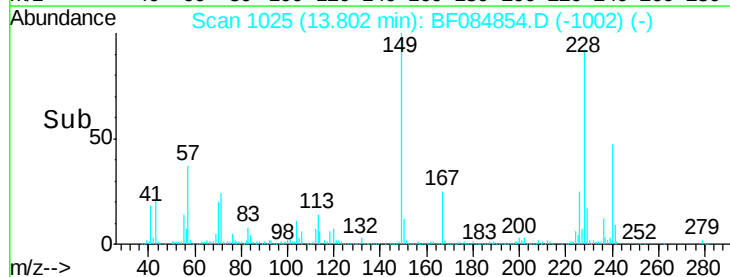
279 1.9 1.8 2.6

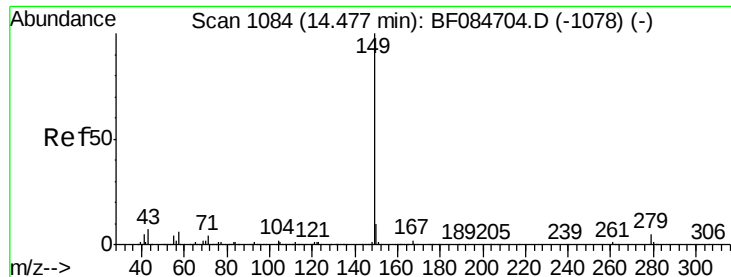


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

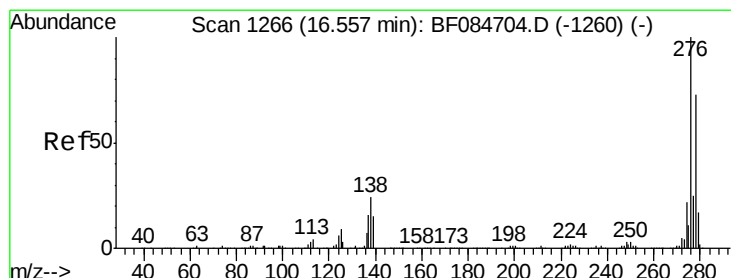
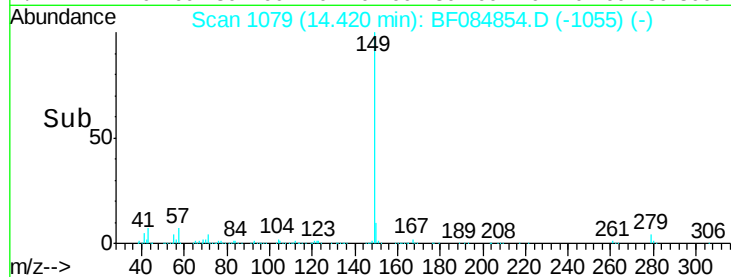
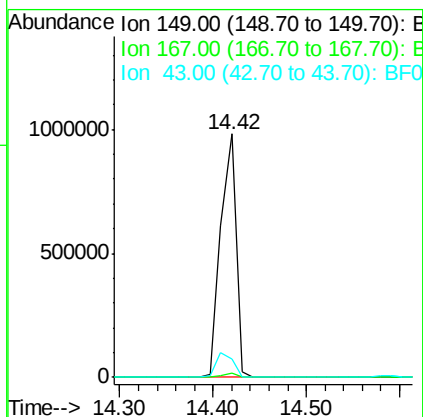
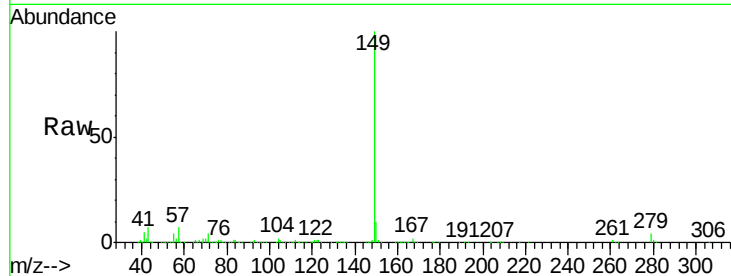




#84
Di-n-octyl phthalate
Concen: 41.31 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

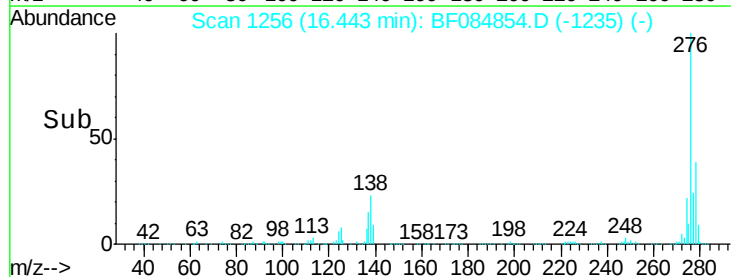
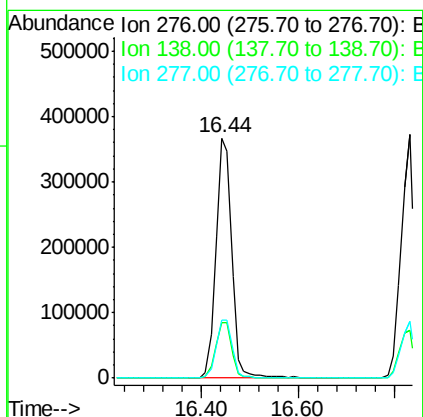
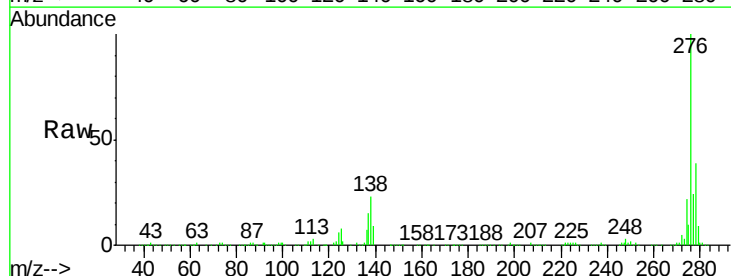
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

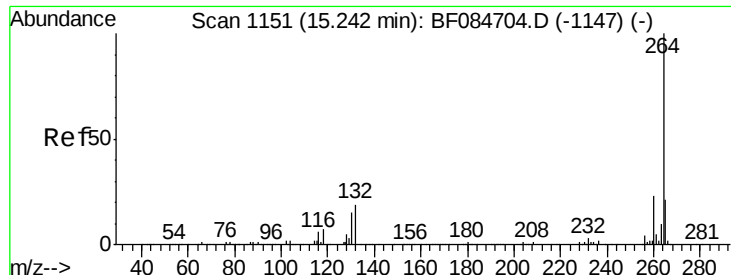
Tgt Ion:149 Resp: 1123916
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 5.6 8.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 46.76 ng
RT: 16.44 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:276 Resp: 845253
Ion Ratio Lower Upper
276 100
138 24.1 20.6 30.8
277 24.7 20.1 30.1

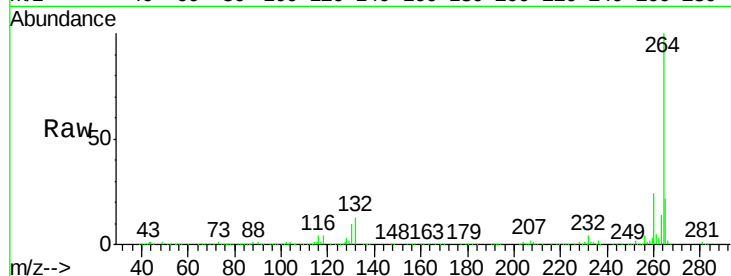




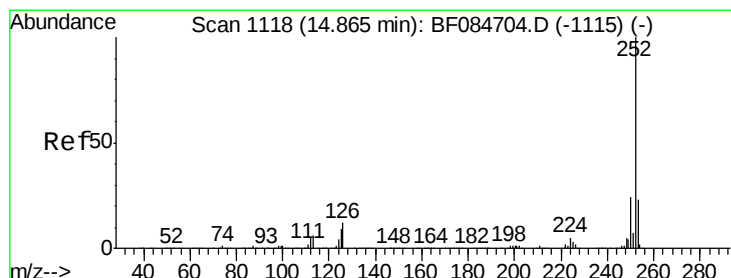
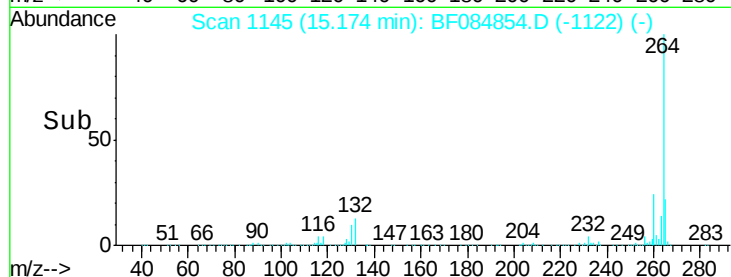
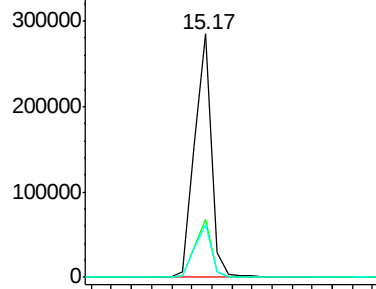
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 332646
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.9 17.8 26.6

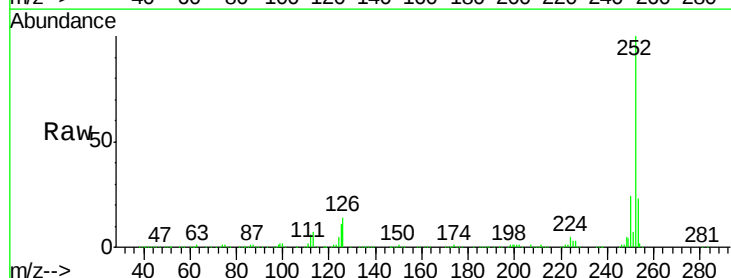


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

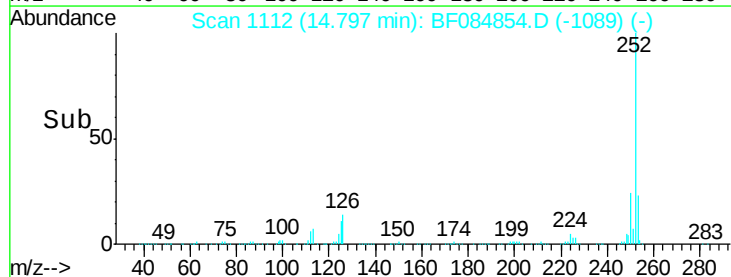
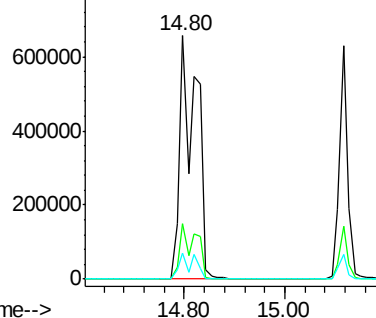


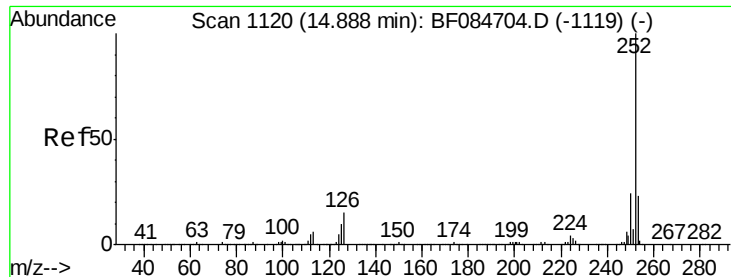
#87
Benzo(b)fluoranthene
Concen: 68.40 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion: 252 Resp: 1528795
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.8 6.5 9.7#



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

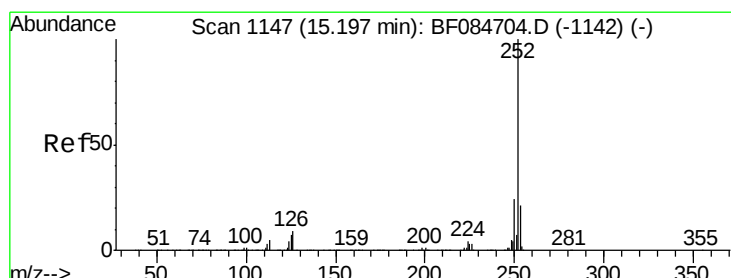
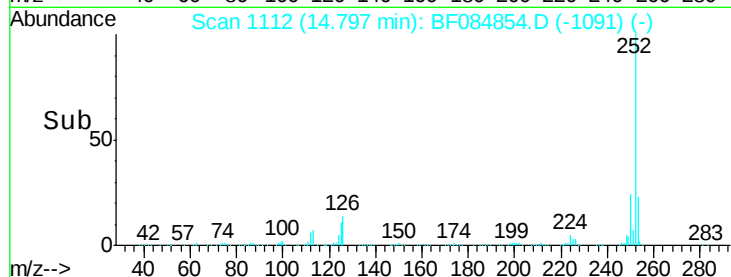
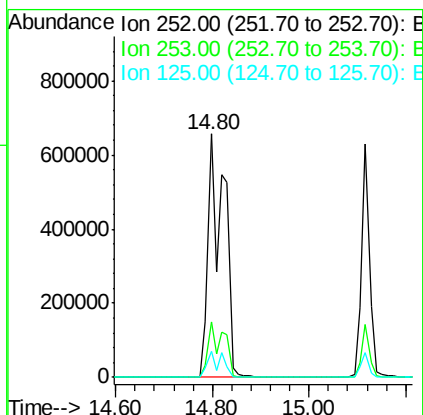
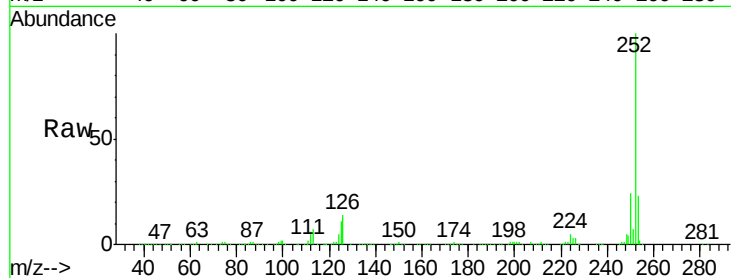




#88
Benzo(k)fluoranthene
Concen: 82.73 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

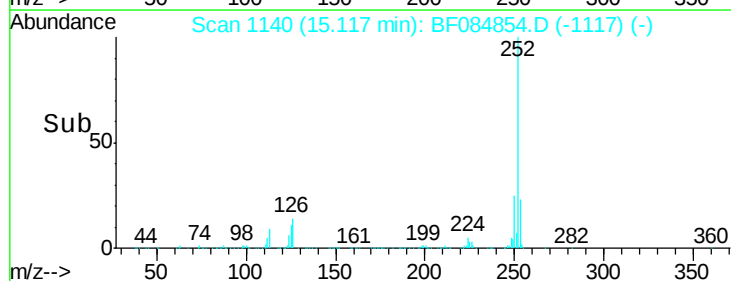
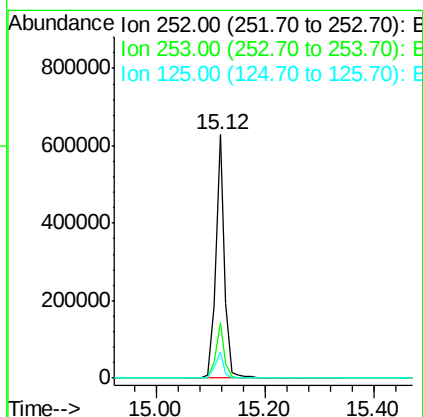
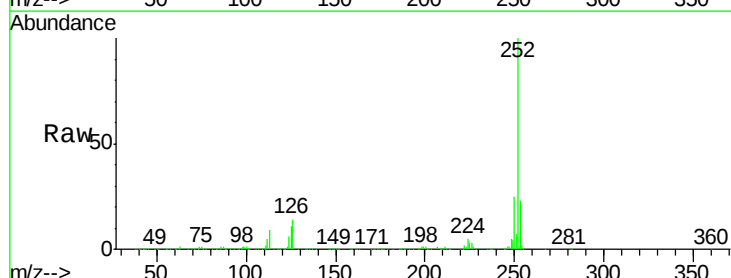
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

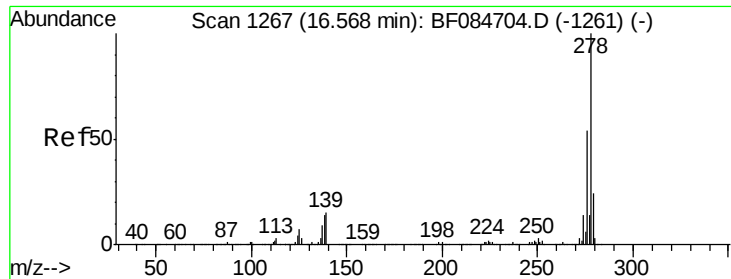
Tgt Ion:252 Resp: 1528811
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.8 9.0 13.6



#89
Benzo(a)pyrene
Concen: 38.20 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084854.D
Acq: 5 Feb 2016 12:40

Tgt Ion:252 Resp: 727389
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.9 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 43.01 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.06 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

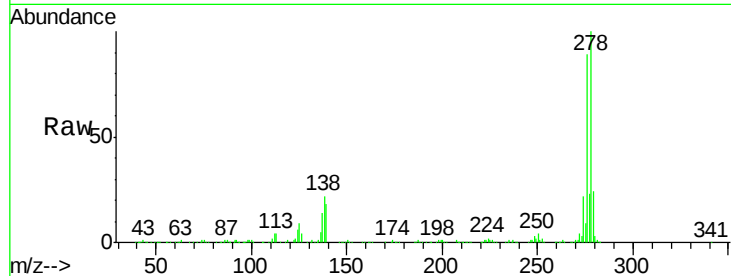
Tgt Ion:278 Resp: 689475

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.4

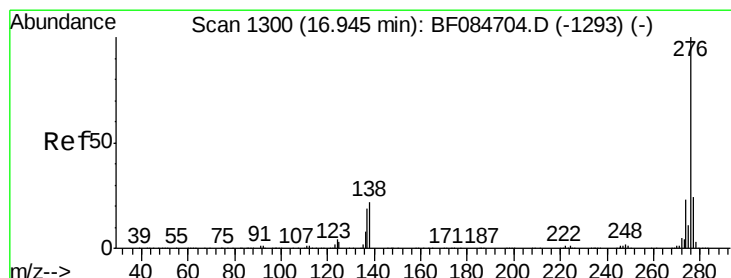
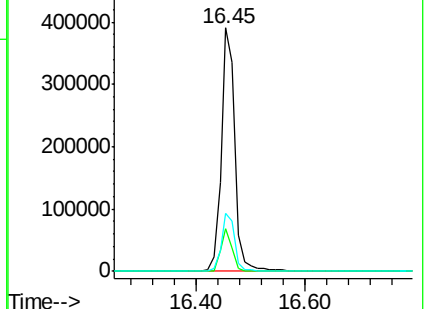
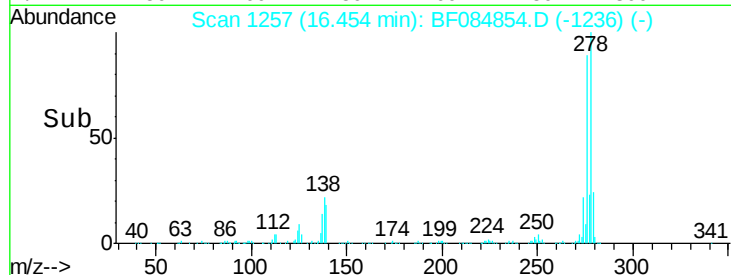
279 23.7 18.9 28.3



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: 44.30 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084854.D

Acq: 5 Feb 2016 12:40

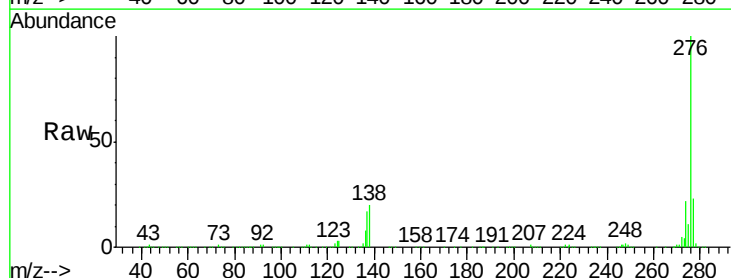
Tgt Ion:276 Resp: 715444

Ion Ratio Lower Upper

276 100

277 23.1 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

