

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084704.D
 Acq On : 1 Feb 2016 12:30
 Operator : SJ/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 01 13:08:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 13:00:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176038	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	709934	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	352022	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	622875	20.00	ng	0.00
75) Chrysene-d12	13.87	240	478436	20.00	ng	0.00
86) Perylene-d12	15.24	264	390396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	846282	72.57	ng	0.00
7) Phenol-d6	6.36	99	1041300	74.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	1019890	80.29	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	307094	83.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1647972	69.58	ng	0.00
78) Terphenyl-d14	12.82	244	1614820	76.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	192779	35.45	ng	# 76
3) Pyridine	2.89	79	487083	33.62	ng	# 78
4) n-Nitrosodimethylamine	2.83	42	269657	38.07	ng	# 78
6) Aniline	6.37	93	672279	37.47	ng	# 72
8) 2-Chlorophenol	6.50	128	516146	39.90	ng	# 93
9) Benzaldehyde	6.26	77	336486	41.57	ng	# 94
10) Phenol	6.37	94	546283	35.07	ng	# 54
11) bis(2-Chloroethyl)ether	6.45	93	448575	37.02	ng	# 84
12) 1,3-Dichlorobenzene	6.89	146	513688	37.07	ng	# 99
13) 1,4-Dichlorobenzene	6.73	146	511659	37.62	ng	# 97
14) 1,2-Dichlorobenzene	6.89	146	513857	41.03	ng	# 97
15) Benzyl Alcohol	6.86	79	373613	39.27	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	773710	37.31	ng	# 86
17) 2-Methylphenol	6.99	107	422842	42.17	ng	# 94
18) Hexachloroethane	7.23	117	209456	39.36	ng	# 83
19) n-Nitroso-di-n-propylamine	7.14	70	326213	38.21	ng	# 73
20) 3+4-Methylphenols	7.14	107	490250	40.29	ng	# 63
22) Acetophenone	7.13	105	731115	39.43	ng	# 98
24) Nitrobenzene	7.30	77	485662	35.97	ng	# 93
25) Isophorone	7.55	82	988192	41.52	ng	# 96
26) 2-Nitrophenol	7.62	139	262011	40.81	ng	# 85
27) 2,4-Dimethylphenol	7.66	122	432177	38.41	ng	# 96
28) bis(2-Chloroethoxy)methane	7.77	93	559931	39.20	ng	# 98
29) 2,4-Dichlorophenol	7.87	162	410841	41.75	ng	# 94
30) 1,2,4-Trichlorobenzene	7.95	180	435658	38.71	ng	# 93
31) Naphthalene	8.02	128	1332225	37.17	ng	# 99
32) Benzoic acid	7.80	122	296816	34.36	ng	# 94
33) 4-Chloroaniline	8.08	127	536100	36.78	ng	# 99
34) Hexachlorobutadiene	8.14	225	261398	39.31	ng	# 98
35) Caprolactam	8.46	113	138765	49.14	ng	# 74
36) 4-Chloro-3-methylphenol	8.57	107	419819	38.75	ng	# 94
37) 2-Methylnaphthalene	8.72	142	931525	42.34	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	405733	35.54	ng	# 98
40) Hexachlorocyclopentadiene	8.86	237	157705	30.38	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	291793	41.15	nq	95
43) 2,4,5-Trichlorophenol	9.04	196	279909	38.23	nq	# 85
45) 1,1'-Biphenyl	9.18	154	1258351	39.00	nq	97
46) 2-Chloronaphthalene	9.21	162	897739	38.14	nq	# 87
47) 2-Nitroaniline	9.30	65	257399	36.41	nq	97
48) Acenaphthylene	9.62	152	1400231	39.26	nq	99
49) Dimethylphthalate	9.49	163	1079145	40.84	nq	# 91
50) 2,6-Dinitrotoluene	9.55	165	245652	42.26	nq	# 84
51) Acenaphthene	9.79	154	902379	37.78	nq	97
52) 3-Nitroaniline	9.72	138	252834	41.62	nq	# 62
53) 2,4-Dinitrophenol	9.82	184	99386	34.65	nq	90
54) Dibenzofuran	9.96	168	1117226	39.20	nq	100
55) 4-Nitrophenol	9.89	139	211797	47.47	nq	93
56) 2,4-Dinitrotoluene	9.95	165	301445	39.92	nq	# 91
57) Fluorene	10.30	166	947849	39.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197625	35.70	nq	93
59) Diethylphthalate	10.19	149	1007980	38.97	nq	96
60) 4-Chlorophenyl-phenylether	10.29	204	405882	37.42	nq	93
61) 4-Nitroaniline	10.33	138	248075	43.15	nq	93
62) Azobenzene	10.45	77	986050	39.83	nq	89
64) 4,6-Dinitro-2-methylphenol	10.36	198	162585	39.96	nq	72
65) n-Nitrosodiphenylamine	10.42	169	854297	42.30	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	295432	42.11	nq	# 92
67) Hexachlorobenzene	10.84	284	286201	37.51	nq	# 78
68) Atrazine	10.94	200	235048	38.84	nq	99
69) Pentachlorophenol	11.05	266	147577	40.03	nq	98
70) Phenanthrene	11.25	178	1292473	37.53	nq	98
71) Anthracene	11.31	178	1489997	42.55	nq	99
72) Carbazole	11.47	167	1312589	43.49	nq	98
73) Di-n-butylphthalate	11.80	149	1485626	40.47	nq	# 96
74) Fluoranthene	12.44	202	1461159	42.91	nq	97
76) Benzidine	12.57	184	683200	37.55	nq	98
77) Pyrene	12.67	202	1529503	42.39	nq	100
79) Butylbenzylphthalate	13.30	149	707981	45.93	nq	96
80) Benzo(a)anthracene	13.86	228	1188250	39.84	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	463910	44.21	nq	# 97
82) Chrysene	13.89	228	1186296	40.35	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	848270	42.42	nq	98
84) Di-n-octyl phthalate	14.48	149	1405140	44.47	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.56	276	890027	34.24	nq	99
87) Benzo(b)fluoranthene	14.89	252	1914242	75.72	nq	# 96
88) Benzo(k)fluoranthene	14.89	252	1914242	91.68	nq	99
89) Benzo(a)pyrene	15.20	252	902822	41.29	nq	# 98
90) Dibenzo(a,h)anthracene	16.57	278	741234	37.61	nq	97
91) Benzo(g,h,i)perylene	16.95	276	747139	37.55	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

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BNA_F

ClientSampleId :

SSTDICCC040

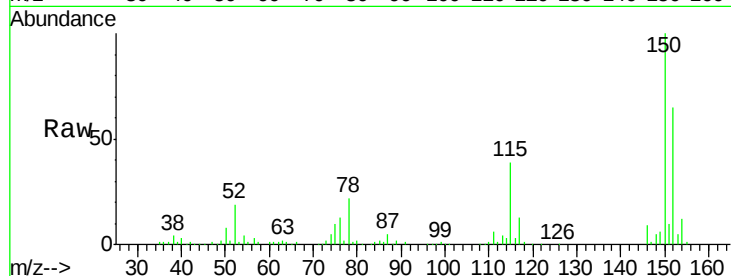
Tot Ion:152 Resp: 176038

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

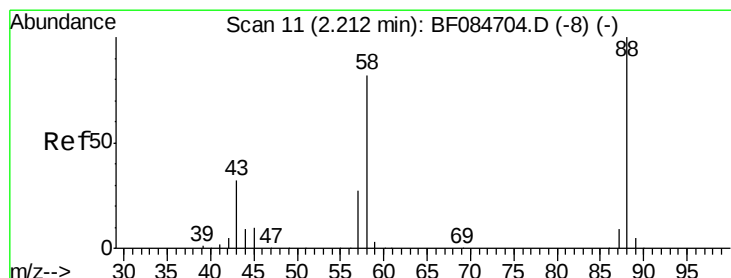
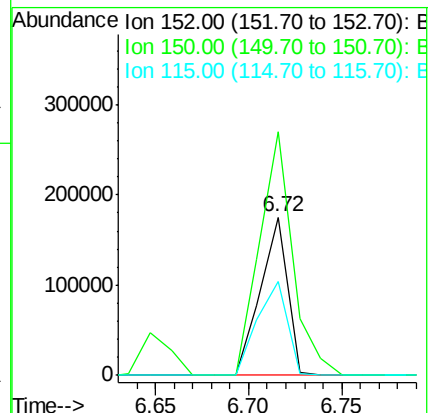
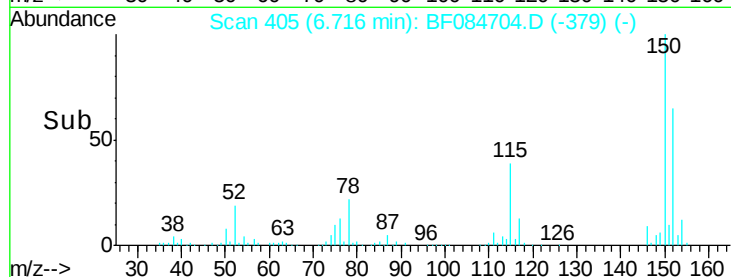
115 59.4 51.4 77.2



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



#2

1,4-Dioxane

Concen: 35.45 ng

RT: 2.21 min Scan# 11

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

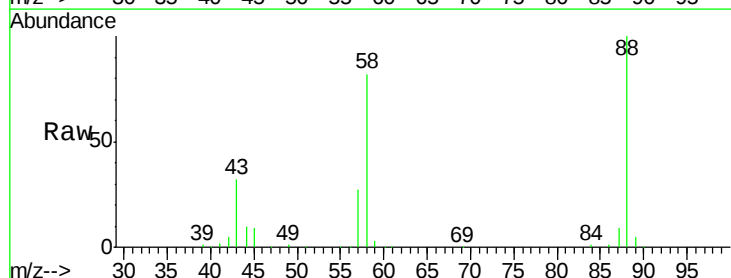
Tgt Ion: 88 Resp: 192779

Ion Ratio Lower Upper

88 100

58 83.7 51.2 76.8#

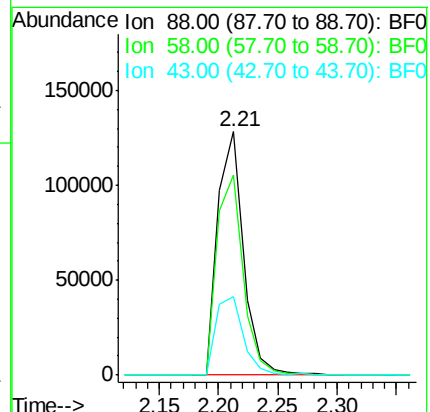
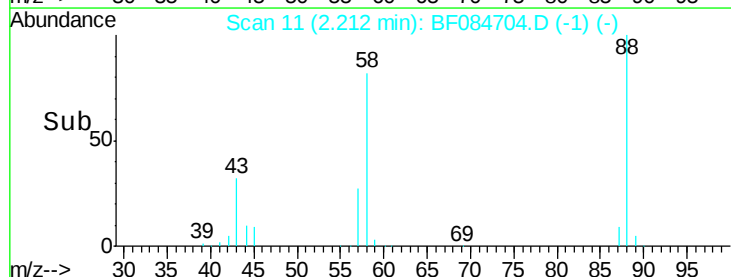
43 34.8 19.5 29.3#

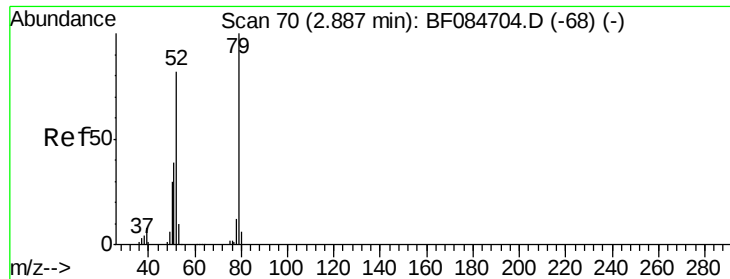


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.62 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

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ClientSampleId :

SSTDICCC040

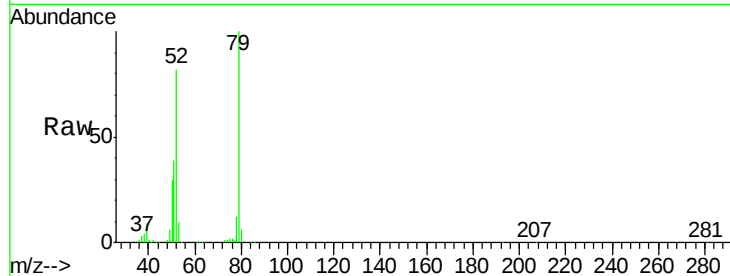
Tot Ion: 79 Resp: 487083

Ion Ratio Lower Upper

79 100

52 82.1 49.0 73.4#

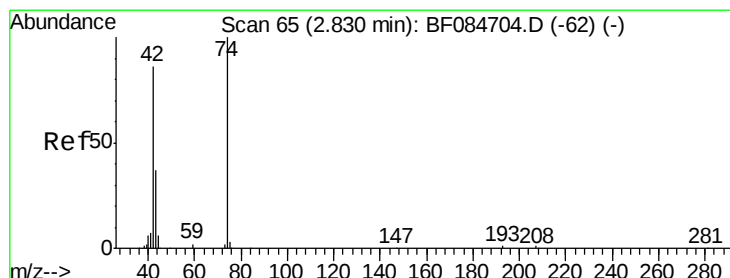
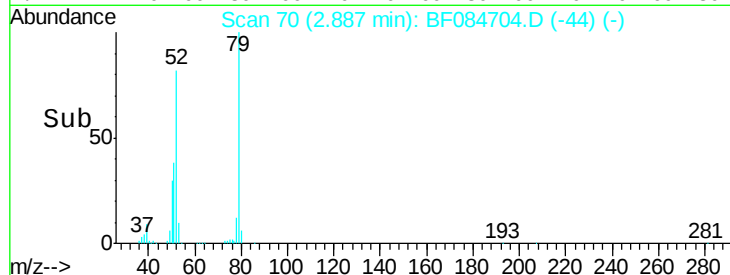
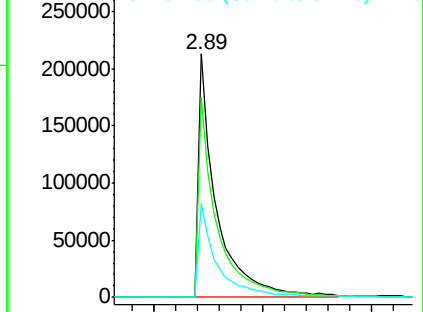
51 38.6 25.2 37.8#



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: 38.07 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

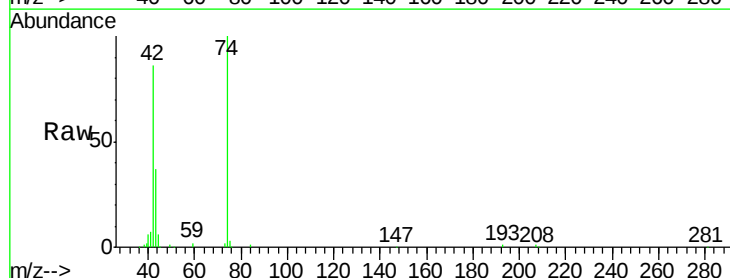
Tgt Ion: 42 Resp: 269657

Ion Ratio Lower Upper

42 100

74 116.6 115.7 173.5

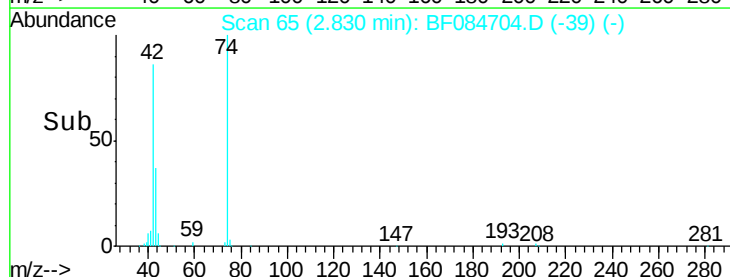
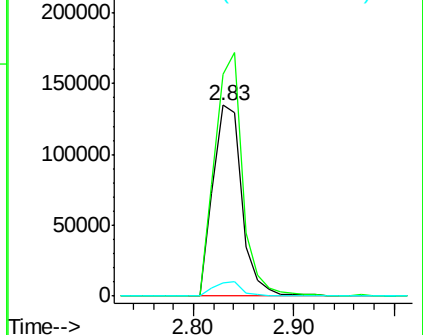
44 7.0 5.1 7.7



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: 72.57 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

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ClientSampleId :

SSTDICCC040

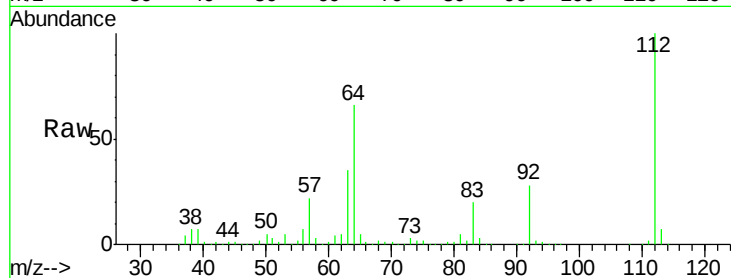
Tot Ion: 112 Resp: 846282

Ion Ratio Lower Upper

112 100

64 66.3 36.6 55.0#

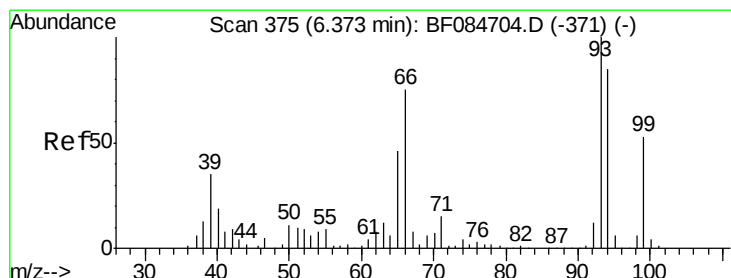
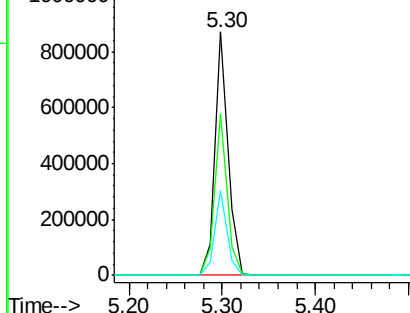
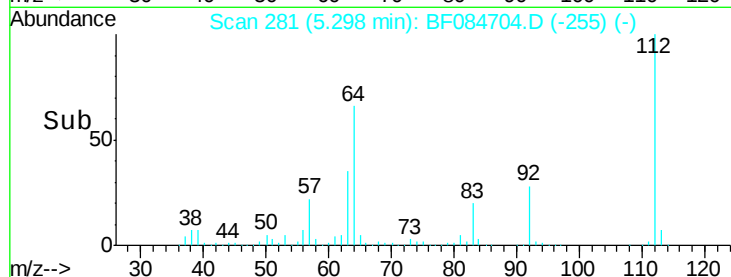
63 34.8 19.4 29.0#



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: 37.47 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

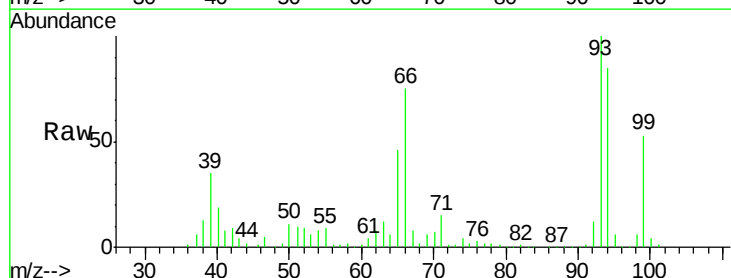
Tgt Ion: 93 Resp: 672279

Ion Ratio Lower Upper

93 100

66 75.1 44.9 67.3#

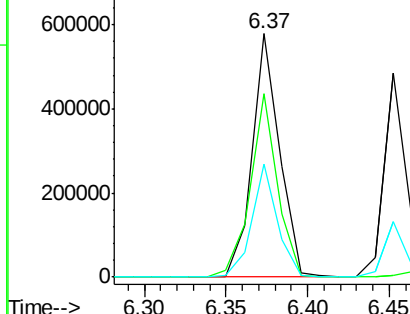
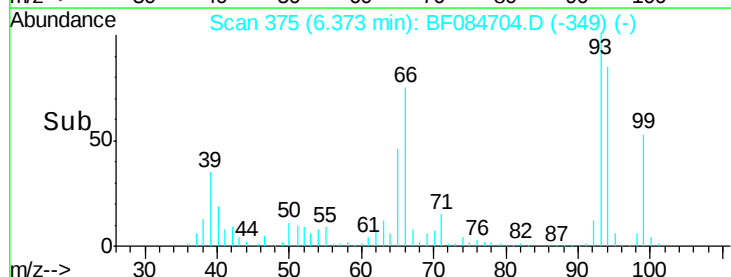
65 46.3 23.7 35.5#

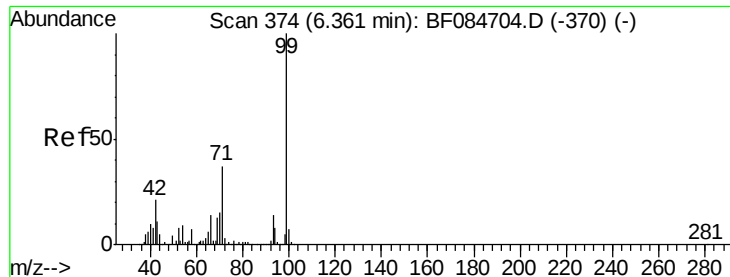


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.50 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

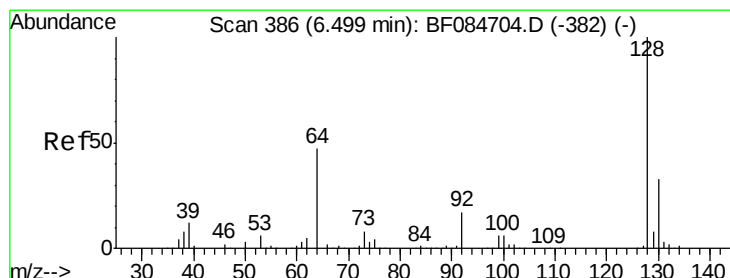
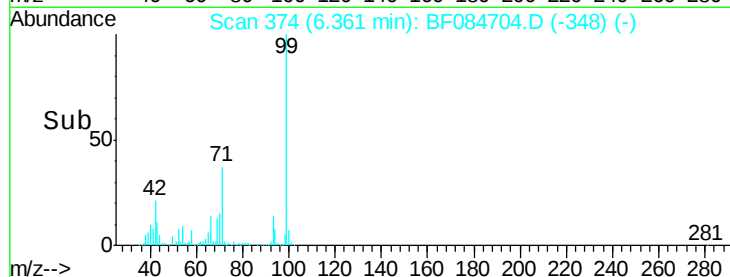
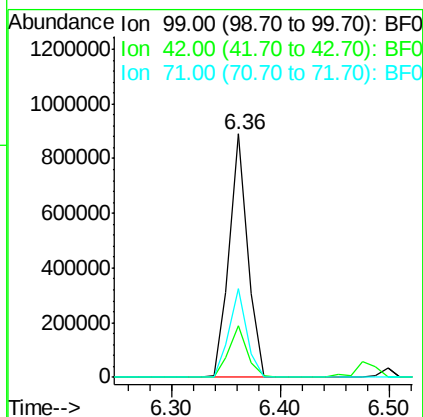
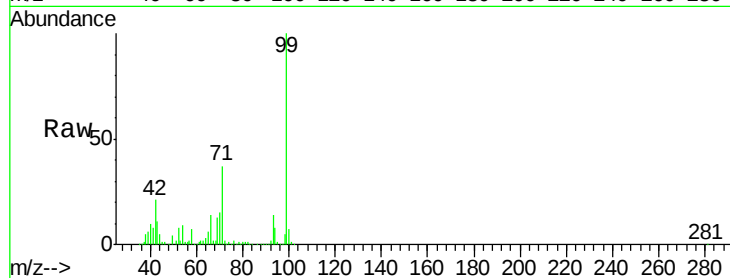
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Tot Ion: 99 Resp: 1041300

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	36.5	30.9	46.3



#8

2-Chlorophenol

Concen: 39.90 ng

RT: 6.50 min Scan# 386

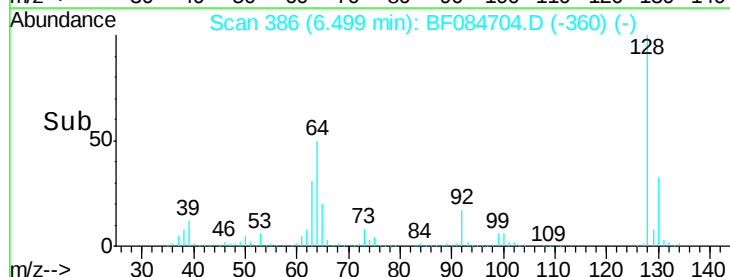
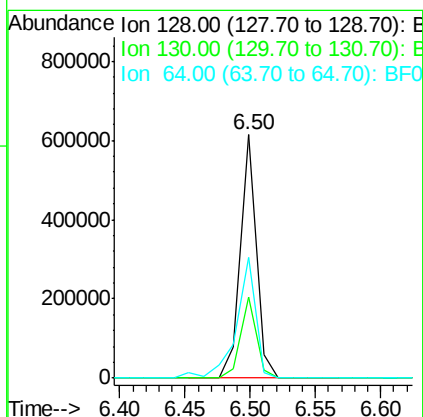
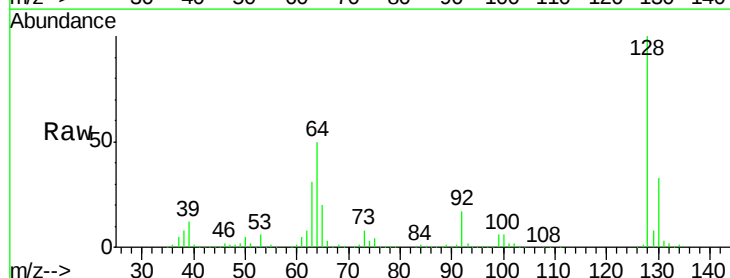
Delta R.T. 0.00 min

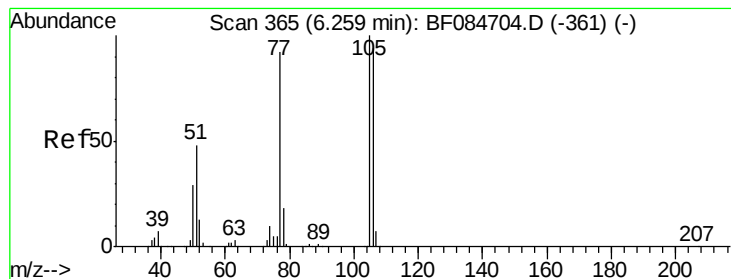
Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion: 128 Resp: 516146

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	49.8	23.8	63.8





#9

Benzaldehyde

Concen: 41.57 ng

RT: 6.26 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

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SSTDICCC040

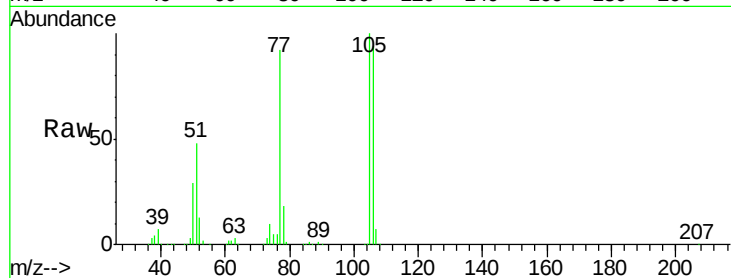
Tot Ion: 77 Resp: 336486

Ion Ratio Lower Upper

77 100

105 108.5 83.0 123.0

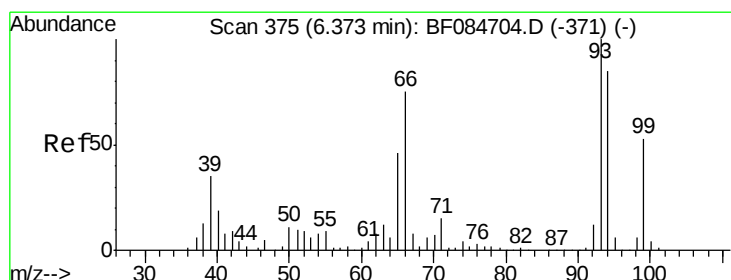
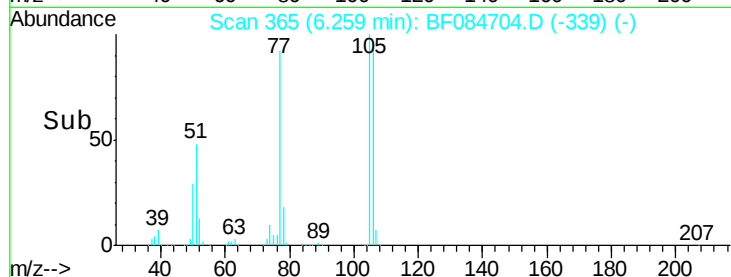
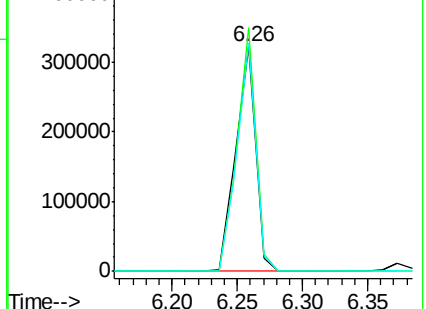
106 101.5 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.07 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

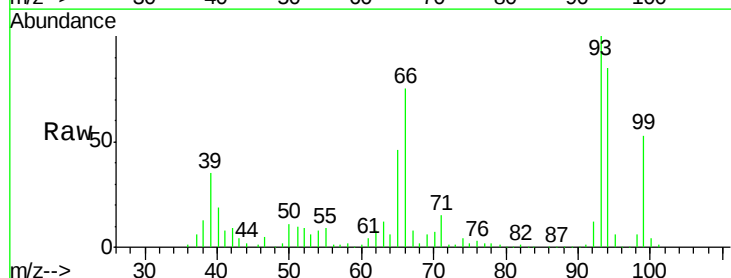
Tgt Ion: 94 Resp: 546283

Ion Ratio Lower Upper

94 100

65 54.8 12.9 52.9#

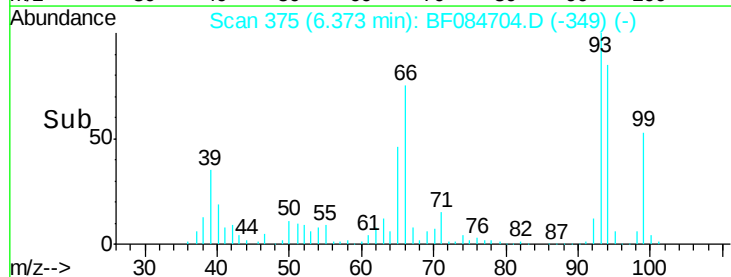
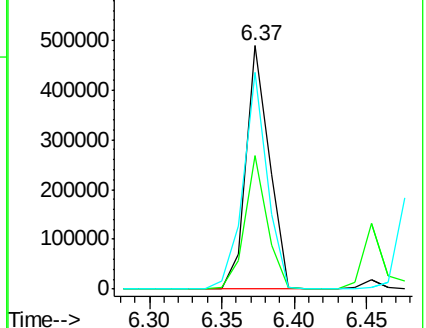
66 88.9 32.7 72.7#

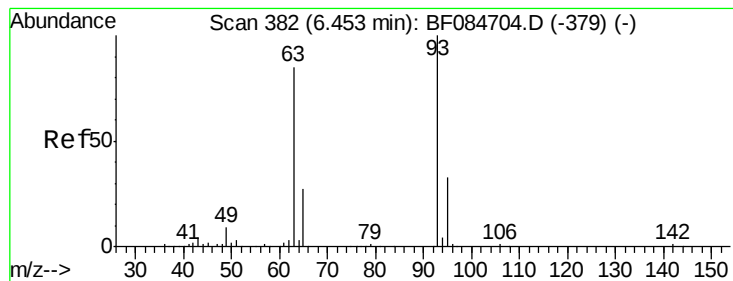


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.02 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

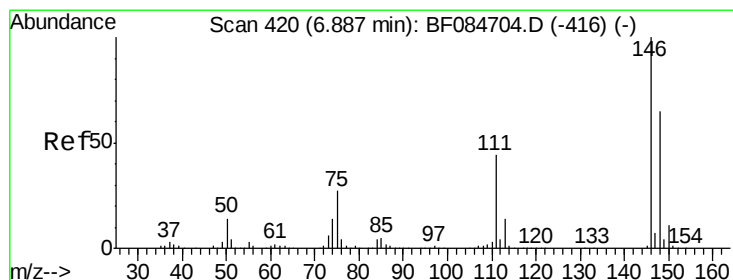
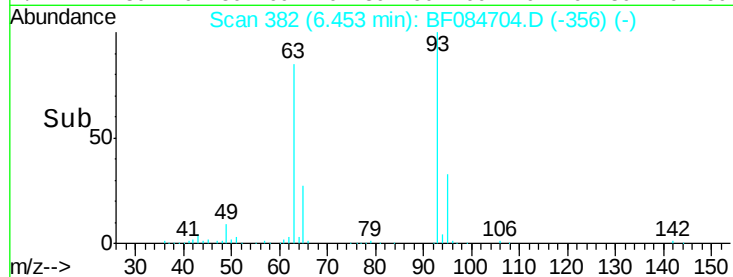
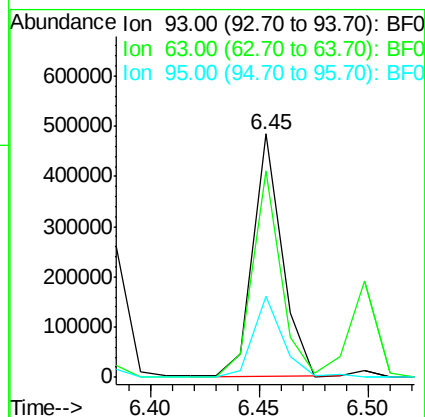
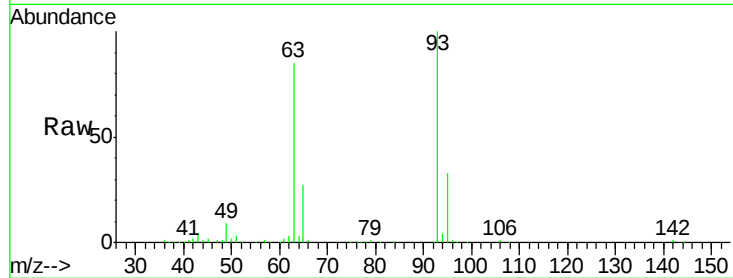
Tot Ion: 93 Resp: 448575

Ion Ratio Lower Upper

93 100

63 84.9 45.9 85.9

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.07 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.24 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

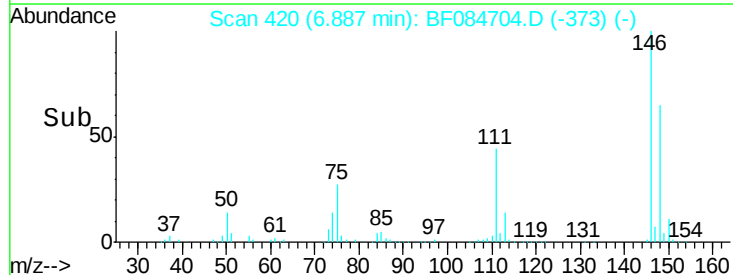
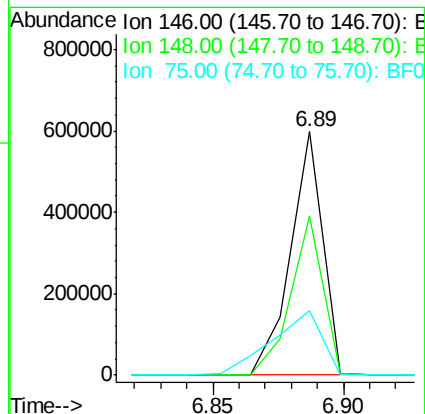
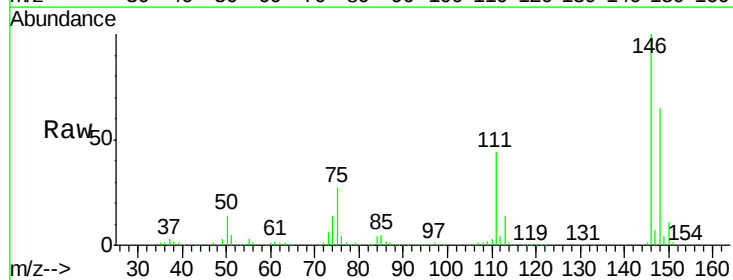
Tgt Ion: 146 Resp: 513688

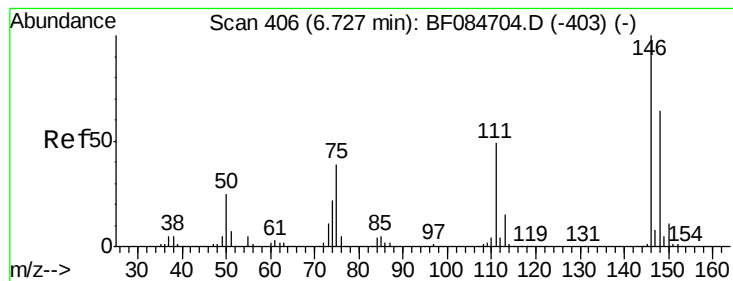
Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

75 26.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 37.62 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

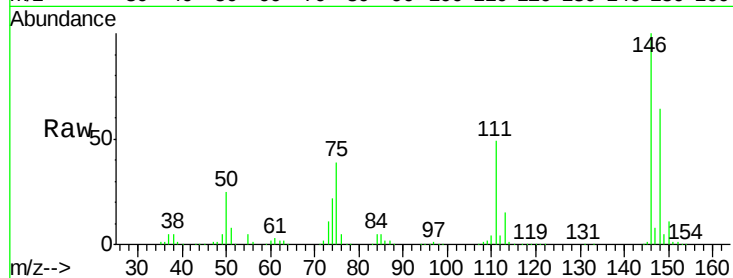
Tot Ion:146 Resp: 511659

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

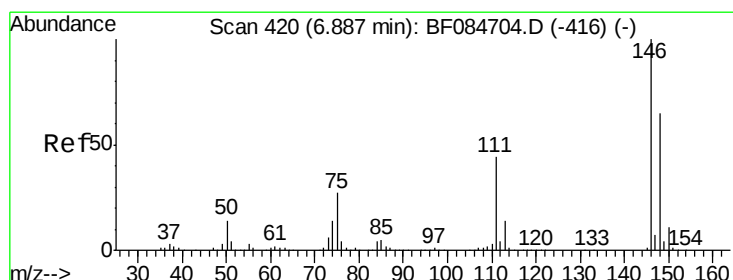
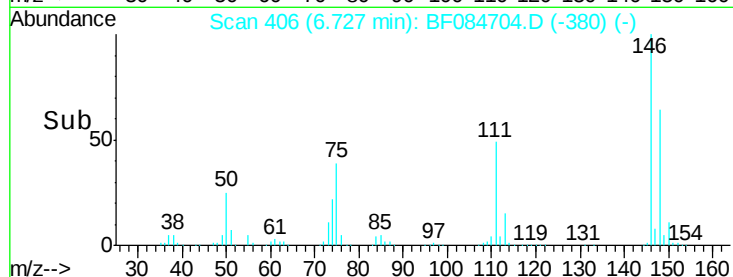
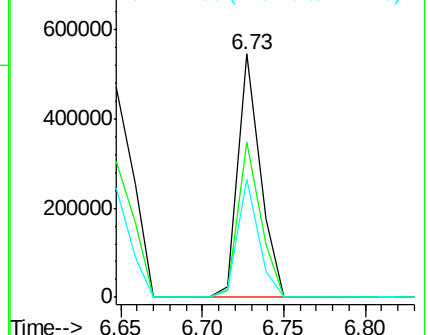
111 48.5 41.6 62.4



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: 41.03 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

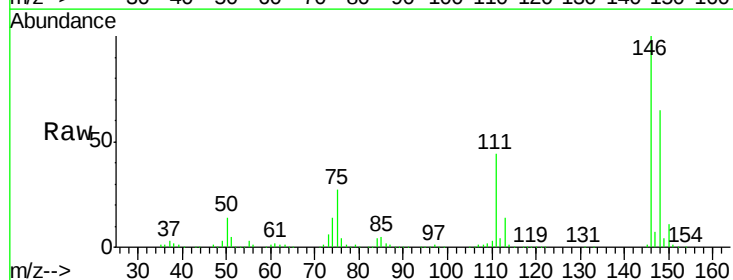
Tgt Ion:146 Resp: 513857

Ion Ratio Lower Upper

146 100

148 65.4 51.6 77.4

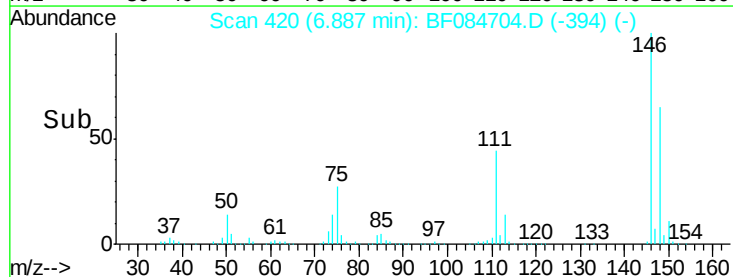
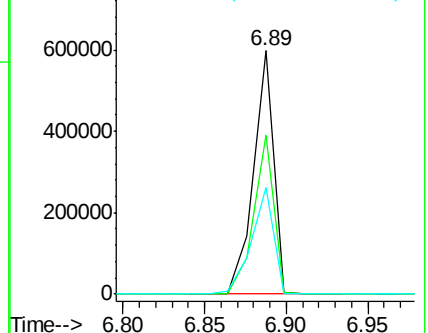
111 43.8 38.0 57.0

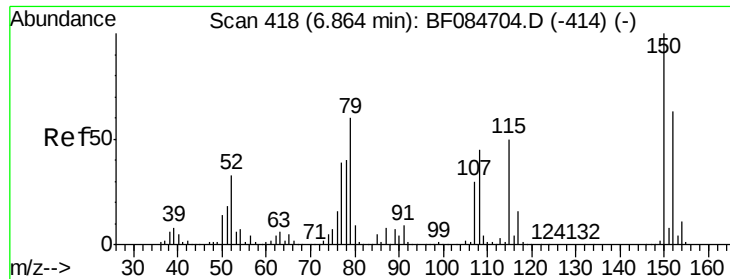


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

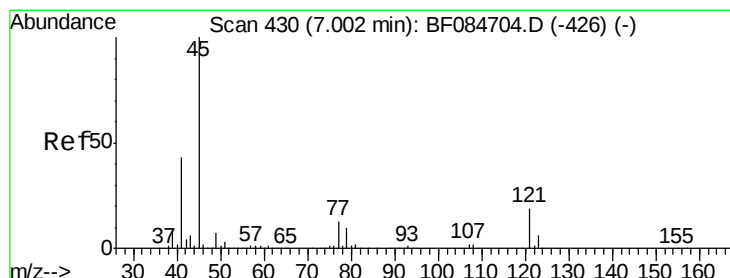
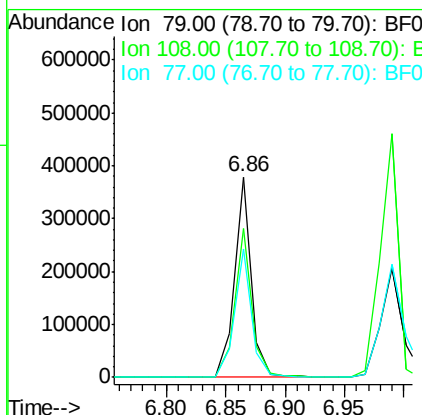
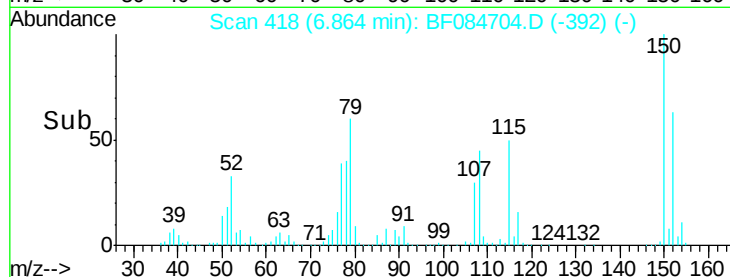
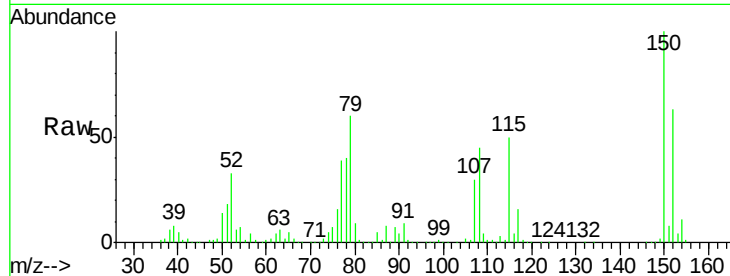




#15
Benzyl Alcohol
Concen: 39.27 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

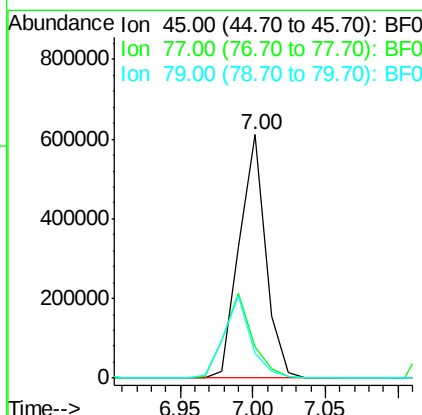
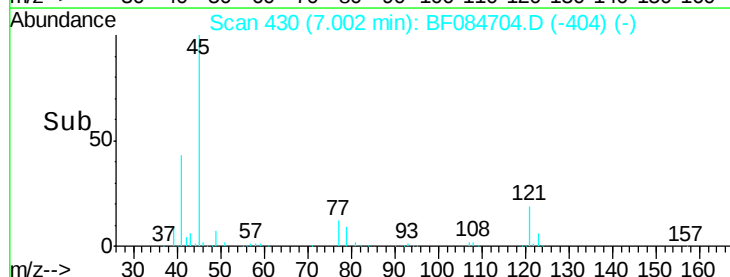
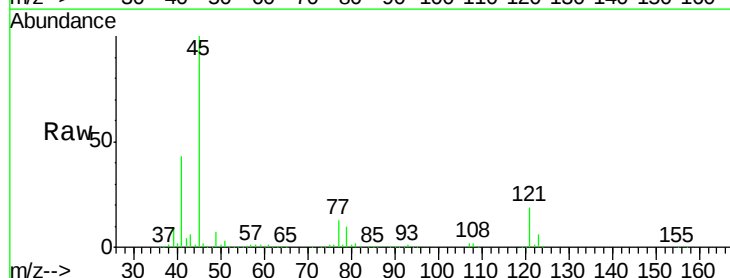
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

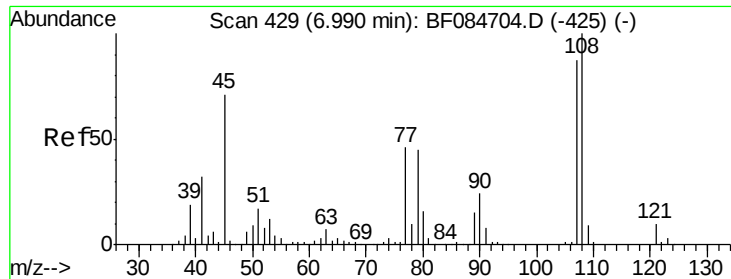
Tot Ion: 79 Resp: 373613
Ion Ratio Lower Upper
79 100
108 74.0 69.0 103.4
77 64.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.31 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion: 45 Resp: 773710
Ion Ratio Lower Upper
45 100
77 12.9 0.0 39.6
79 10.1 0.0 35.0





#17

2-Methylphenol

Concen: 42.17 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 422842

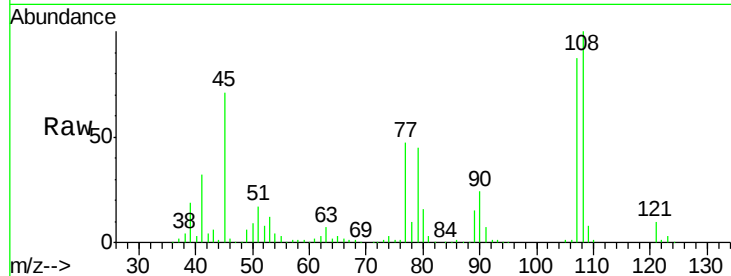
Ion Ratio Lower Upper

107 100

108 114.4 89.8 134.6

77 53.2 35.7 53.5

79 51.5 35.7 53.5

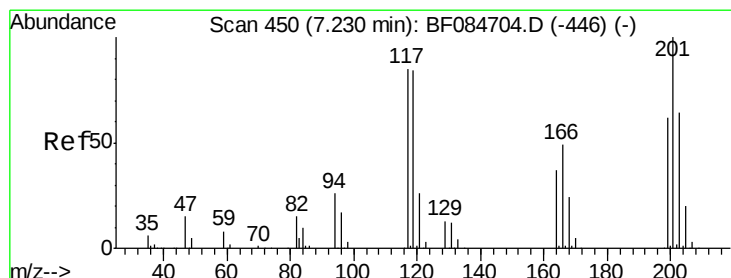
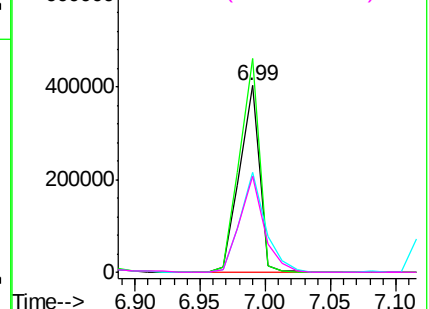
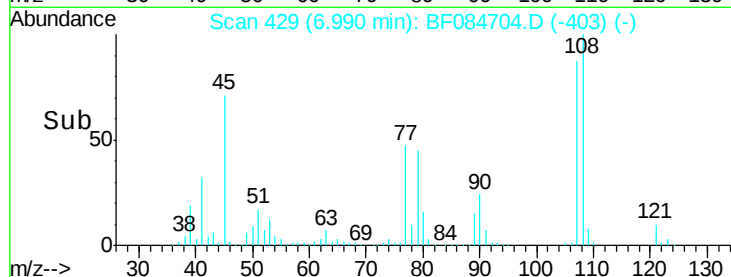


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.36 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

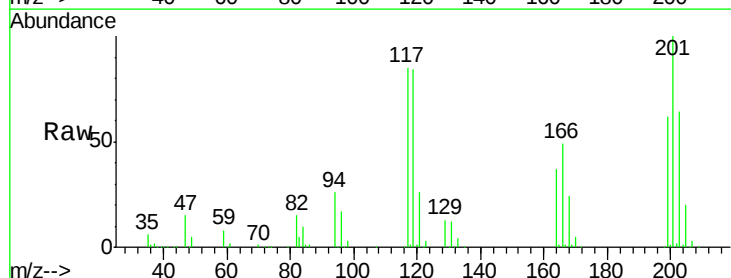
Tgt Ion:117 Resp: 209456

Ion Ratio Lower Upper

117 100

119 98.4 77.4 116.0

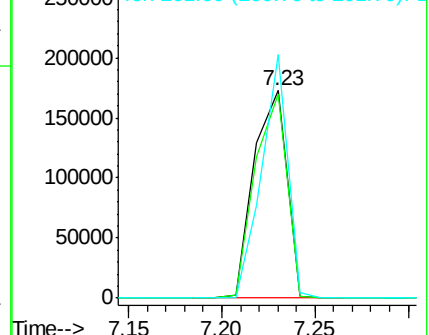
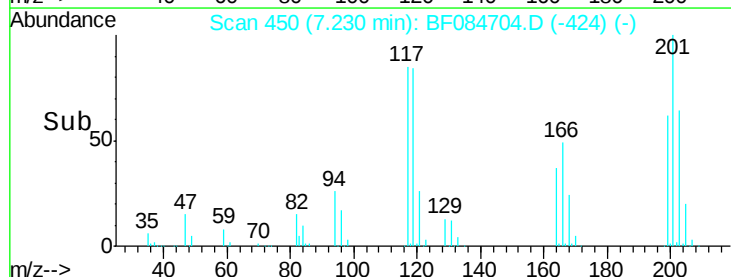
201 117.4 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

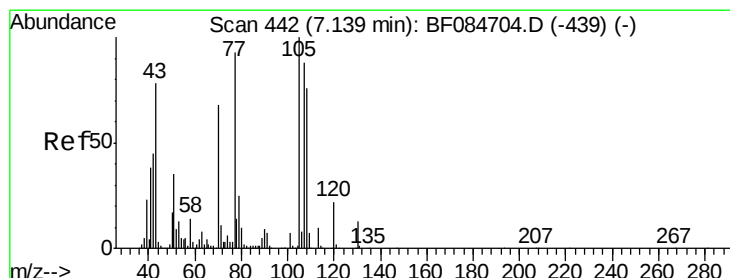
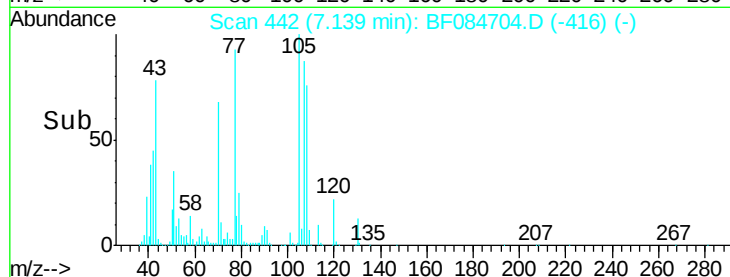
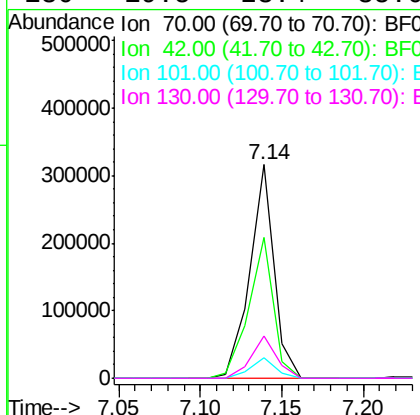
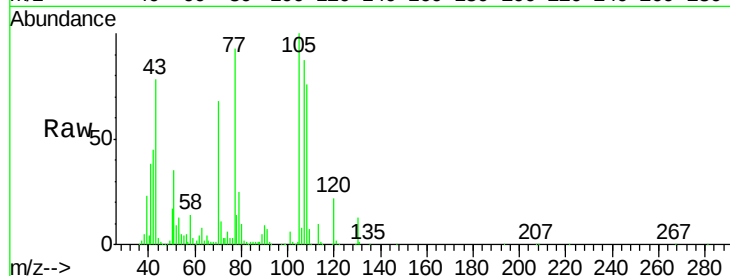




#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

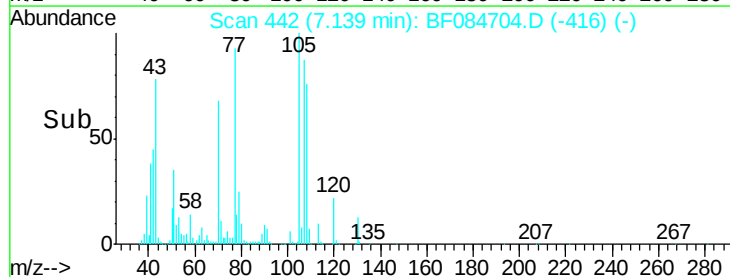
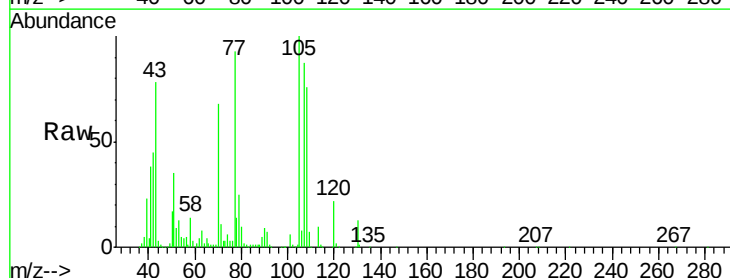
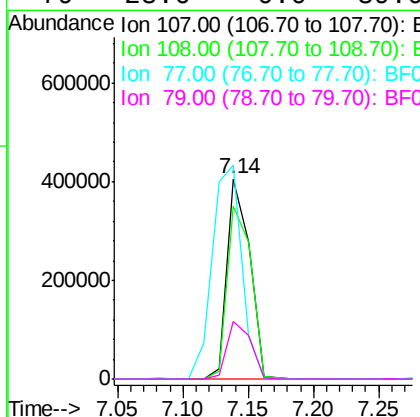
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

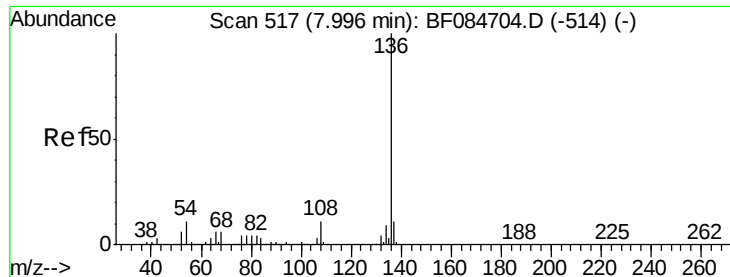
Tot Ion: 70 Resp: 326213
Ion Ratio Lower Upper
70 100
42 66.1 33.3 49.9#
101 9.5 9.3 13.9
130 19.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.29 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion: 107 Resp: 490250
Ion Ratio Lower Upper
107 100
108 86.6 74.6 114.6
77 106.7 0.7 40.7#
79 28.6 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

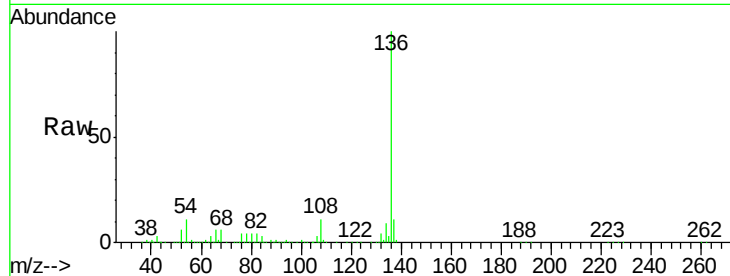
Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136	Resp: 709934
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 11.1	5.8 8.8#
68 5.9	4.2 6.2

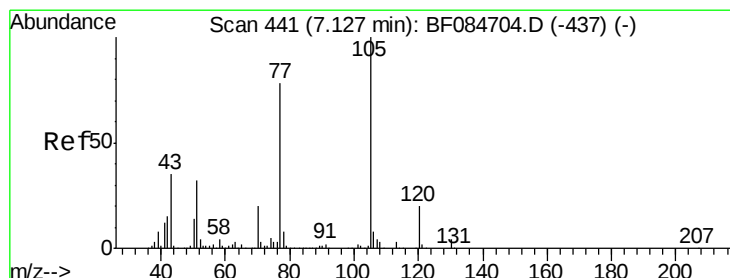
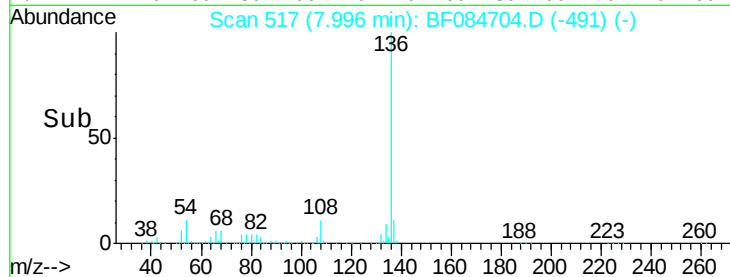
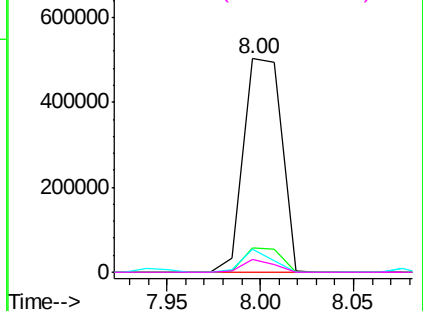


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.43 ng

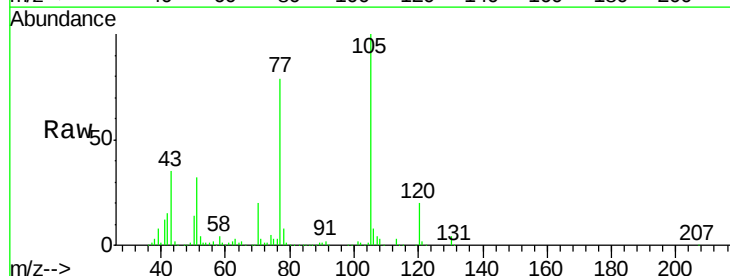
RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:105	Resp: 731115
Ion Ratio	Lower Upper
105 100	
71 3.4	3.7 5.5#
51 32.4	25.1 37.7
120 20.1	16.6 25.0

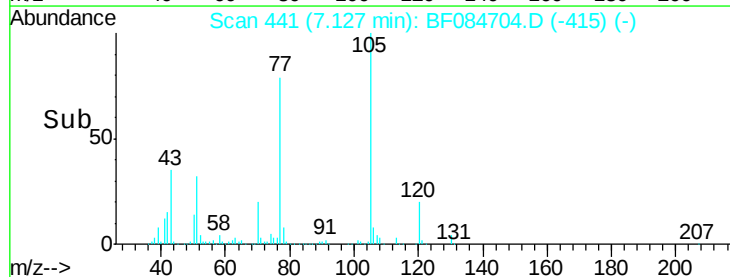
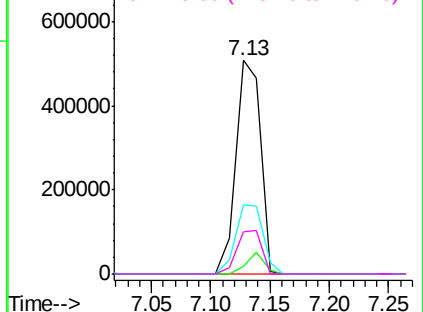


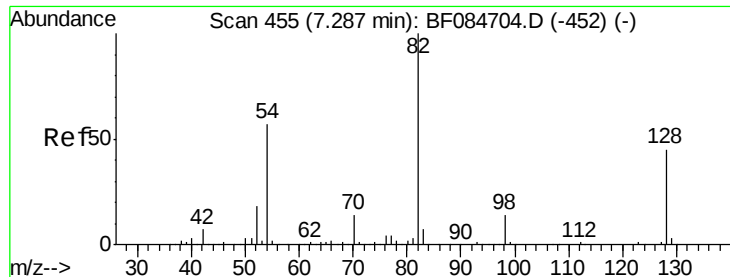
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.29 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

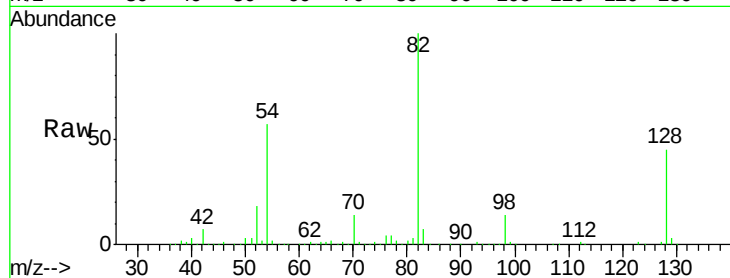
Tot Ion: 82 Resp: 1019890

Ion Ratio Lower Upper

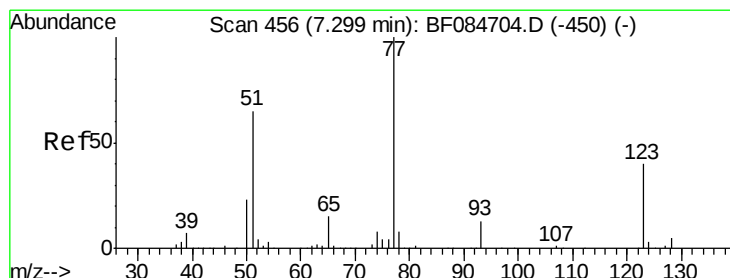
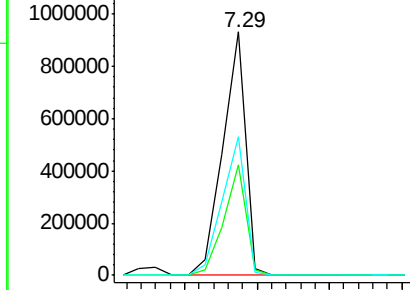
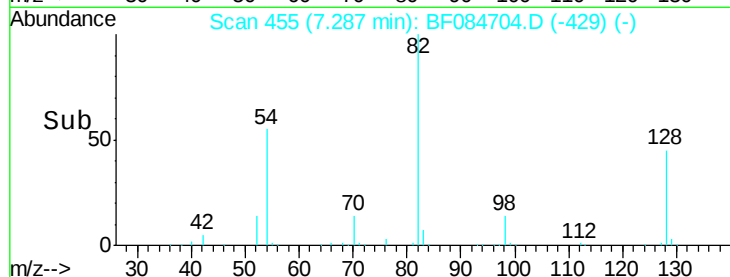
82 100

128 45.4 34.6 51.8

54 57.1 38.4 57.6



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



#24

Nitrobenzene

Concen: 35.97 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

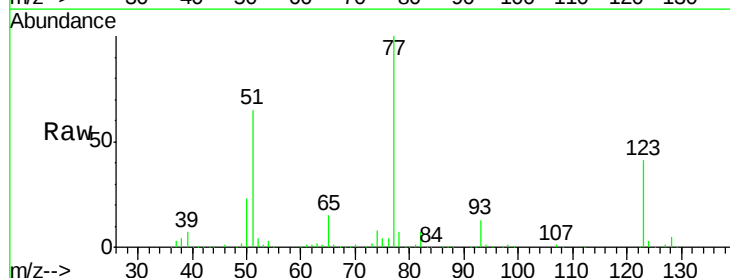
Tgt Ion: 77 Resp: 485662

Ion Ratio Lower Upper

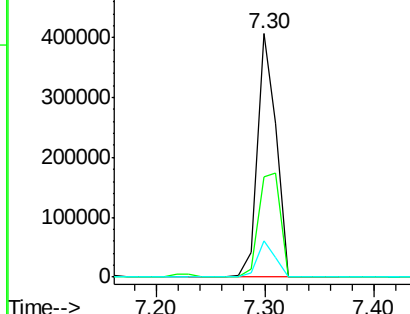
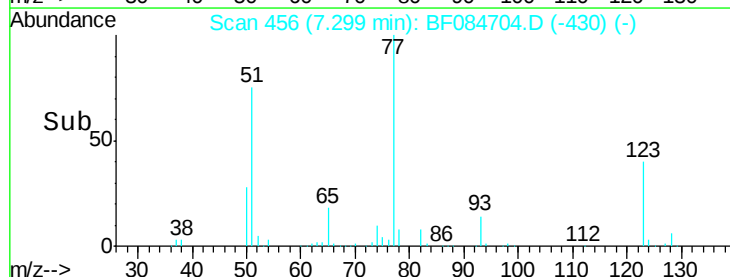
77 100

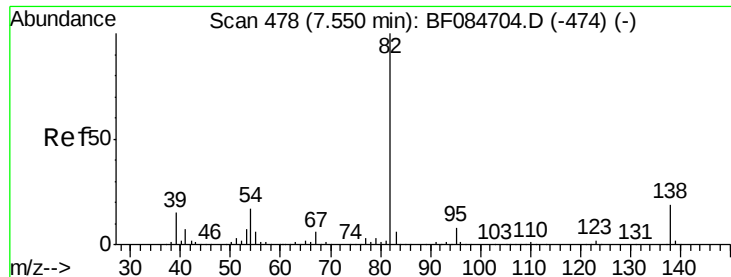
123 41.4 37.4 56.2

65 14.8 10.9 16.3



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





#25

Isophorone

Concen: 41.52 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

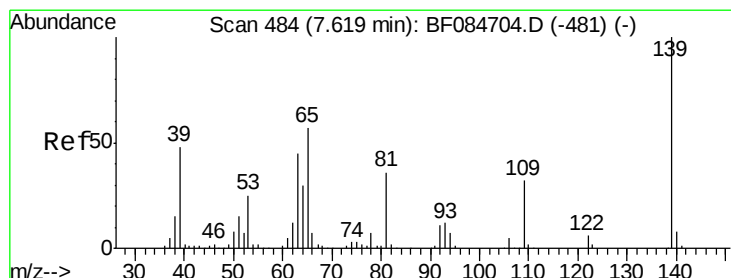
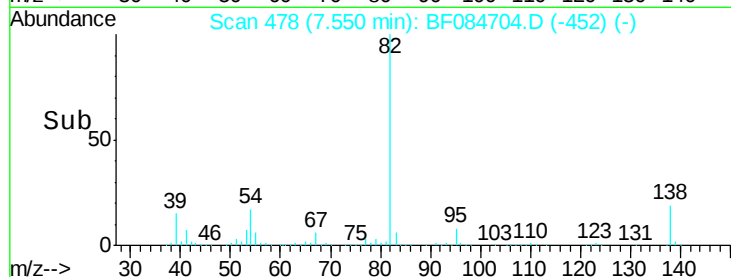
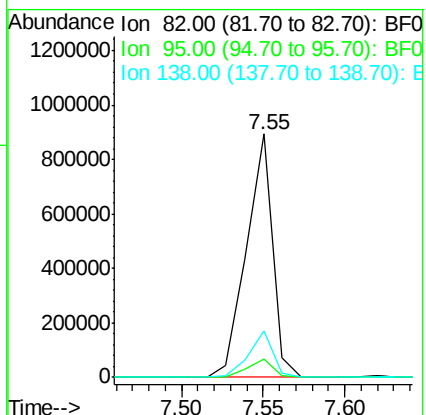
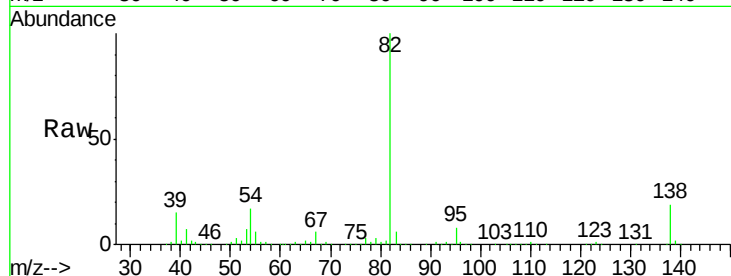
Tot Ion: 82 Resp: 988192

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

138 19.0 13.6 20.4



#26

2-Nitrophenol

Concen: 40.81 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

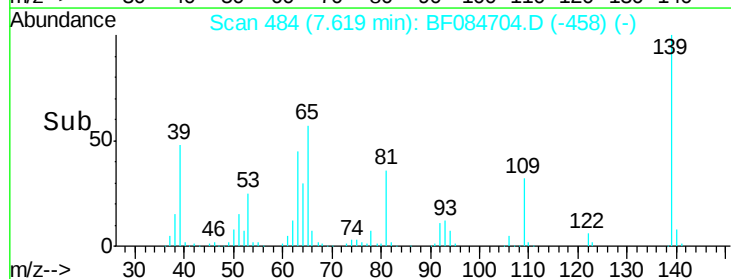
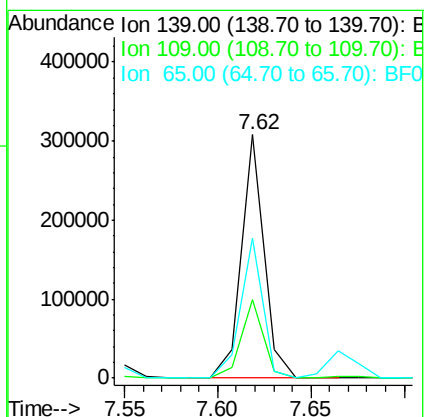
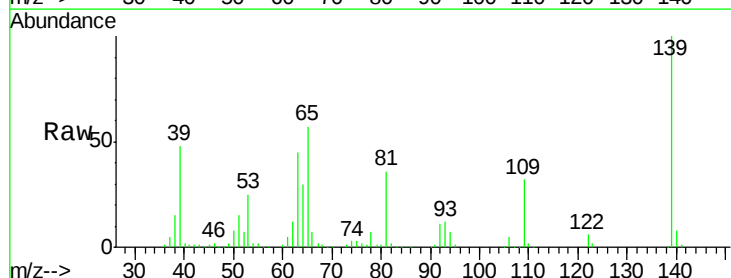
Tgt Ion: 139 Resp: 262011

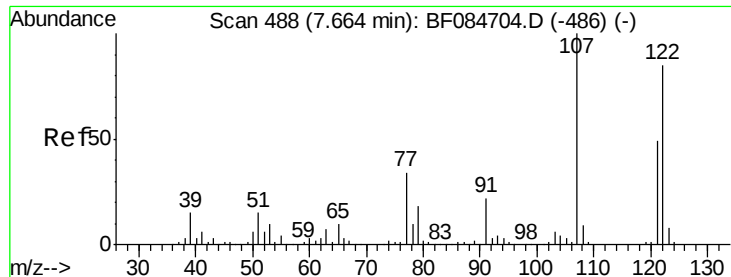
Ion Ratio Lower Upper

139 100

109 32.0 25.4 38.2

65 57.4 32.3 48.5#

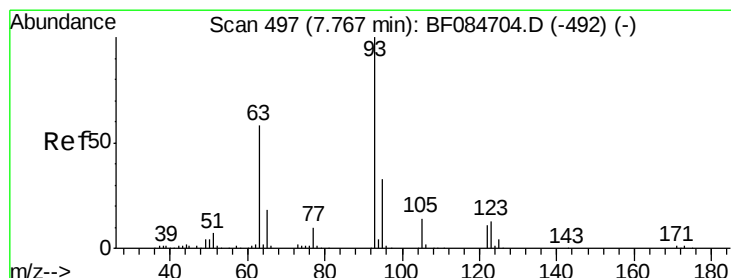
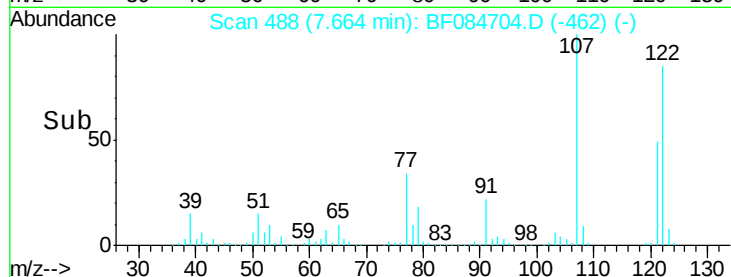
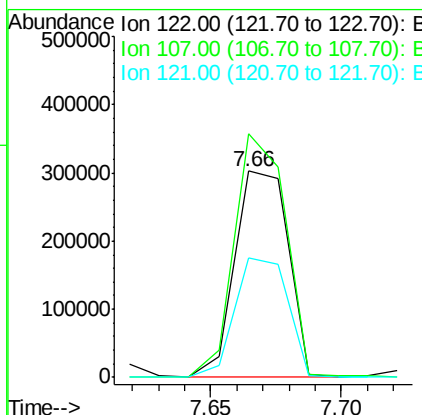
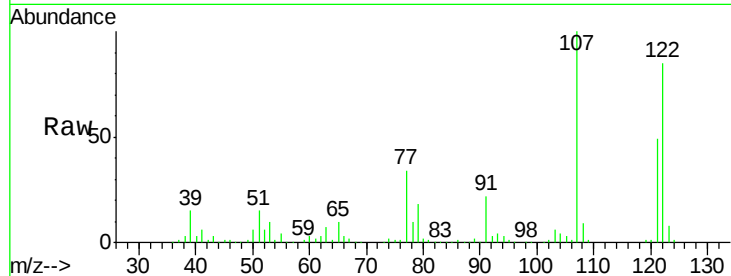




#27
 2,4-Dimethylphenol
 Concen: 38.41 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

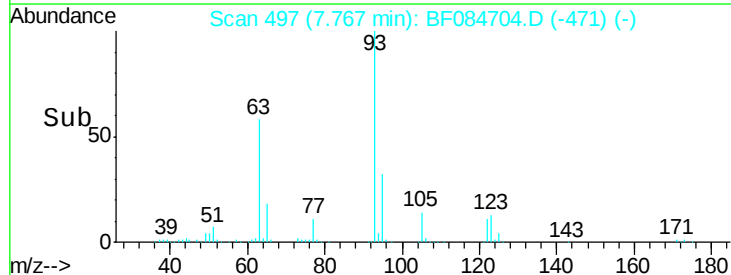
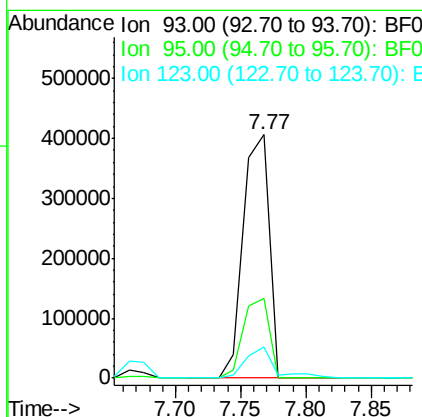
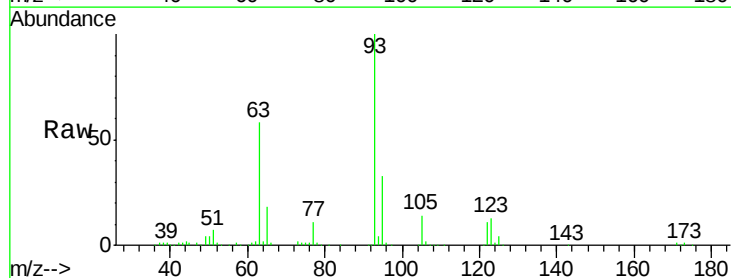
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

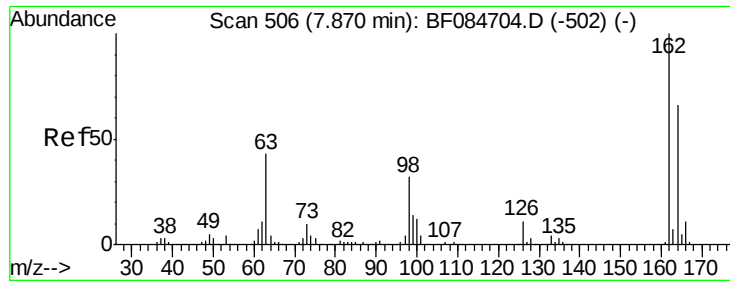
Tot Ion:122 Resp: 432177
 Ion Ratio Lower Upper
 122 100
 107 118.3 99.1 148.7
 121 58.1 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.20 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion: 93 Resp: 559931
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 13.0 8.6 12.8#

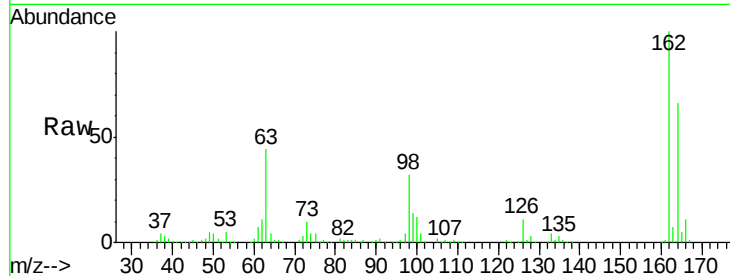




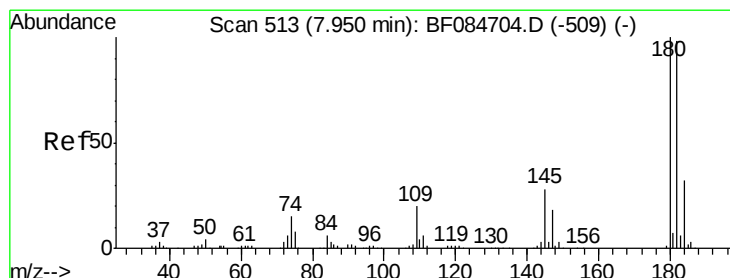
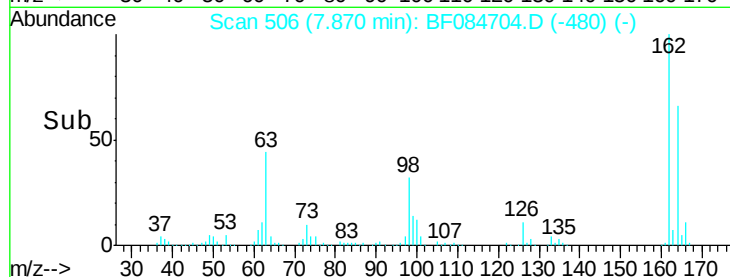
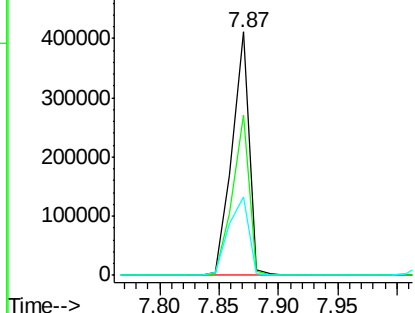
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.1	84.1
98	32.2	20.2	60.2

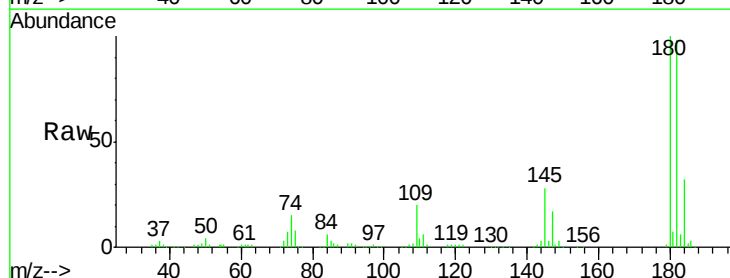


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

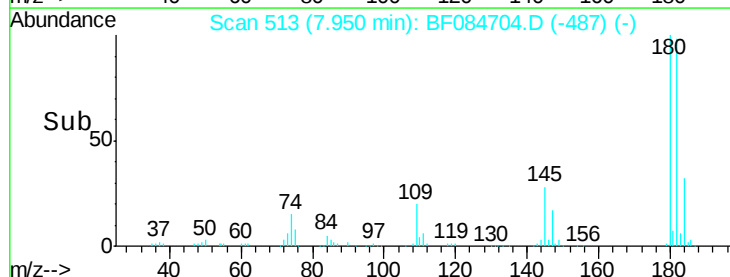
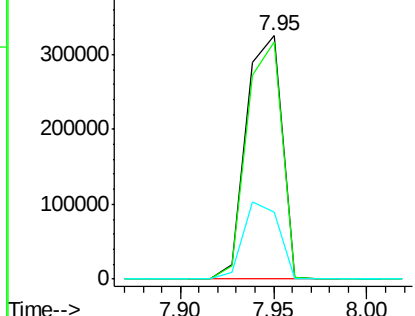


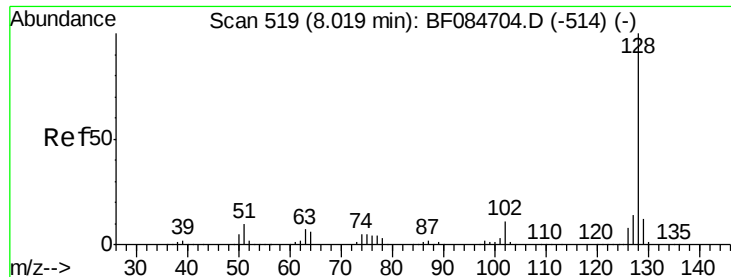
#30
 1,2,4-Trichlorobenzene
 Concen: 38.71 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.4	114.6
145	27.6	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

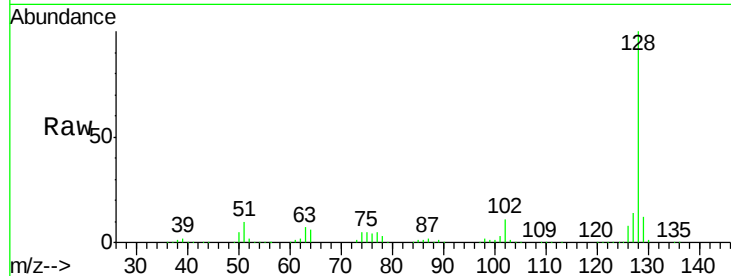




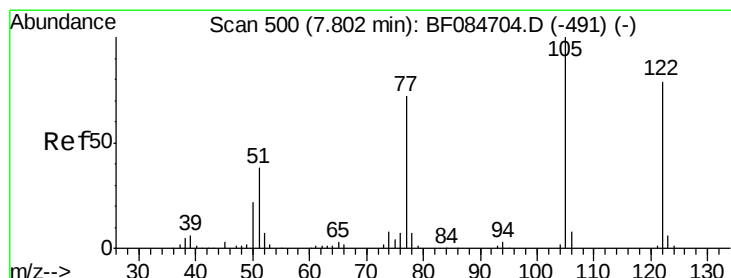
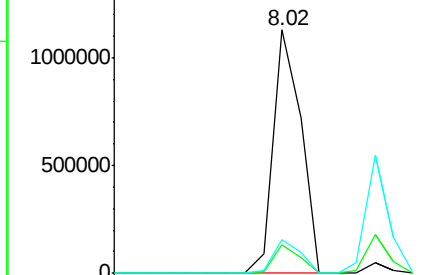
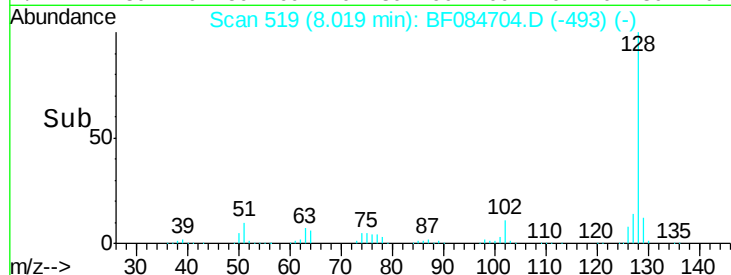
#31
Naphthalene
Concen: 37.17 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 1332225
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.6 11.1 16.7

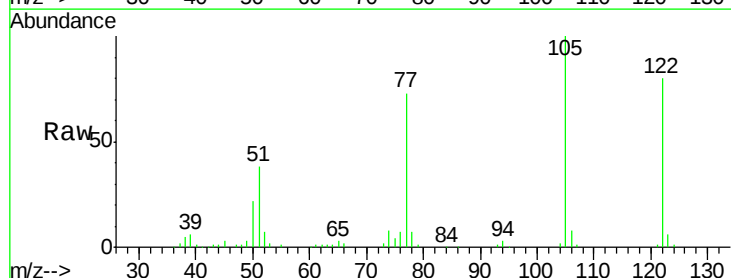


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

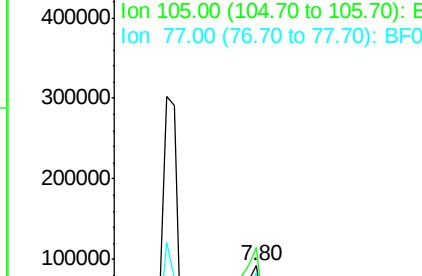
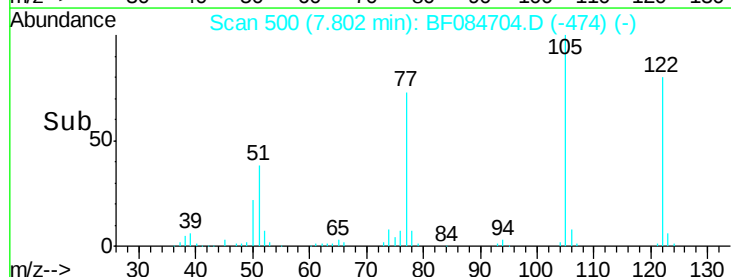


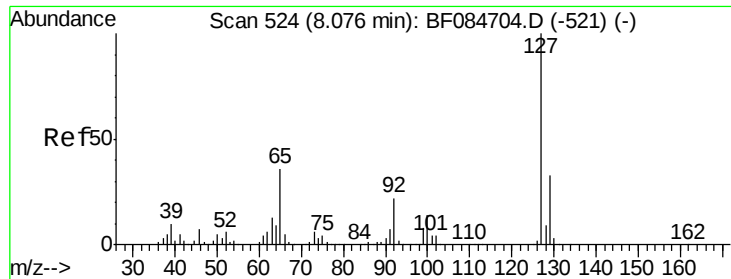
#32
Benzoic acid
Concen: 34.36 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:122 Resp: 296816
Ion Ratio Lower Upper
122 100
105 124.5 100.3 140.3
77 90.7 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

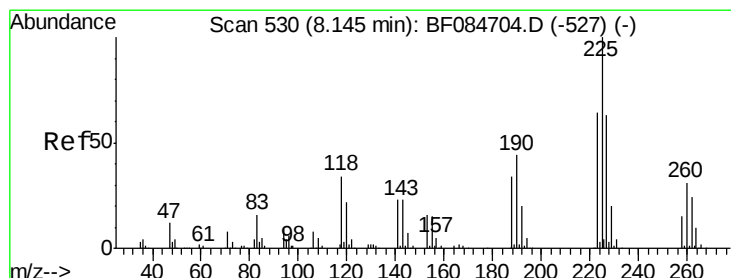
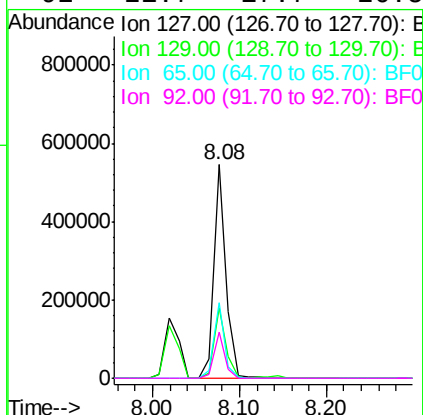
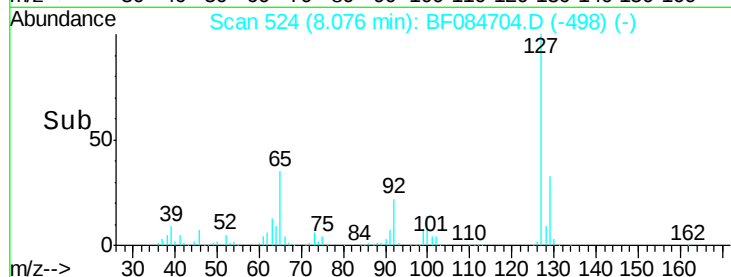
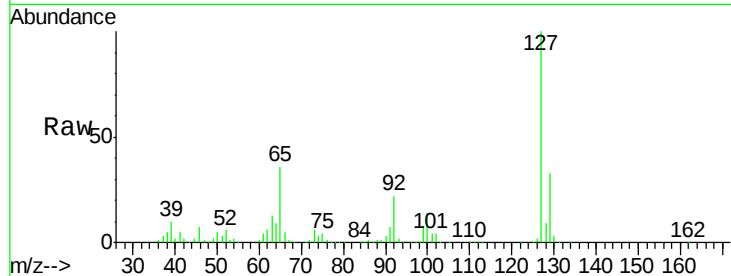




#33
4-Chloroaniline
Concen: 36.78 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

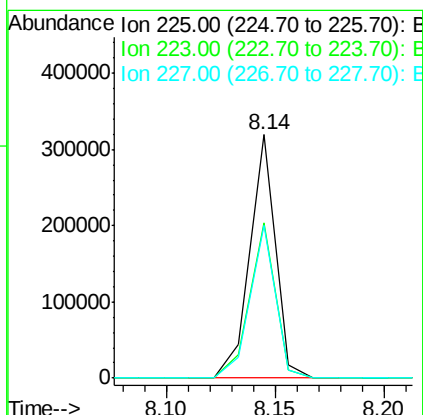
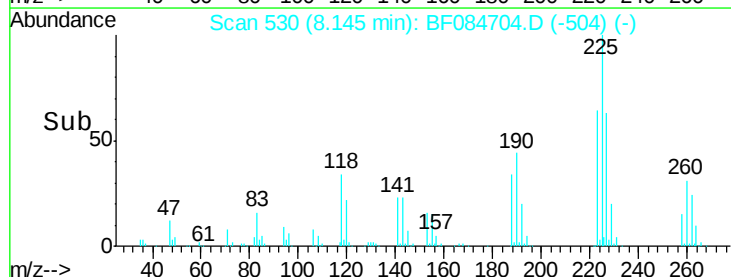
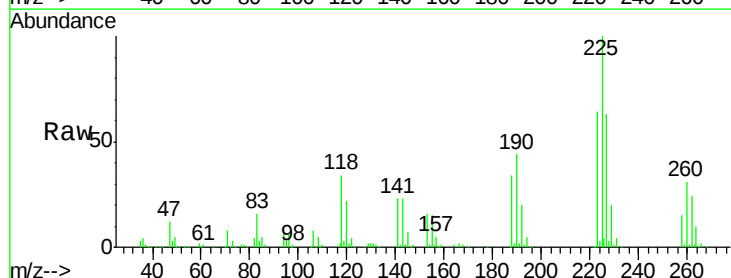
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	127	Resp:	536100
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	35.6	27.2	40.8
92	21.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:	225	Resp:	261398
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	62.7	50.8	76.2

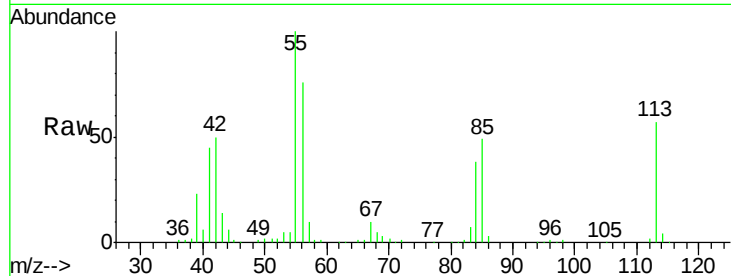




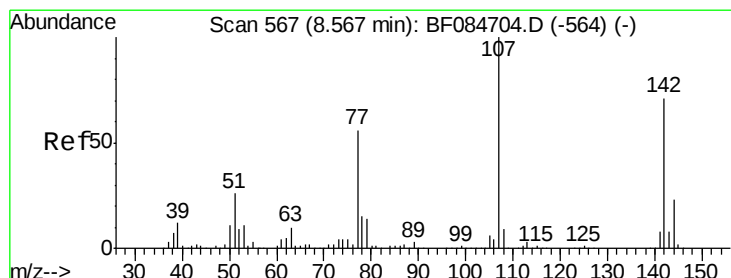
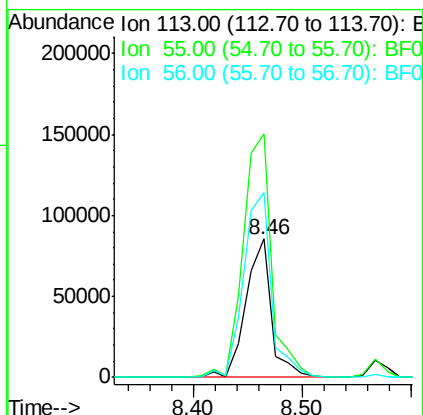
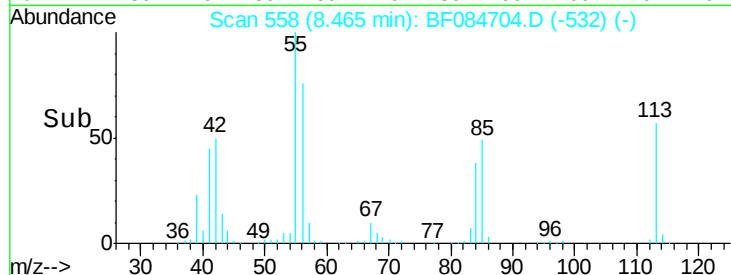
#35
 Caprolactam
 Concen: 49.14 ng
 RT: 8.46 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:113 Resp: 138765
 Ion Ratio Lower Upper
 113 100
 55 175.9 116.9 156.9#
 56 133.1 93.8 133.8

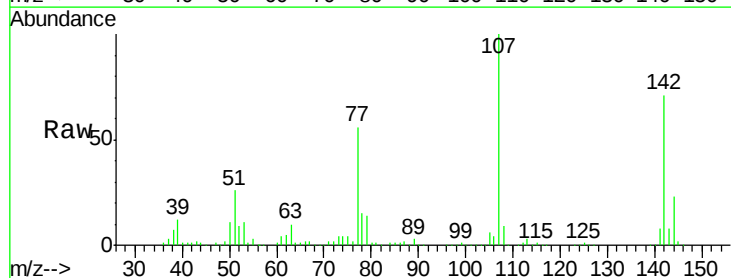


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

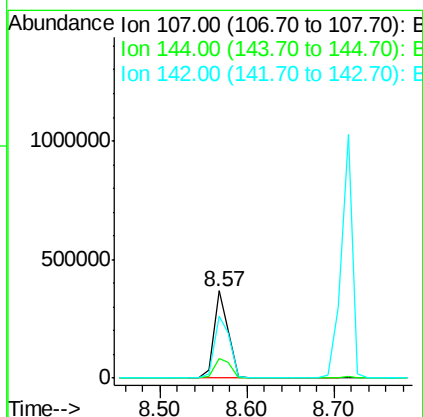
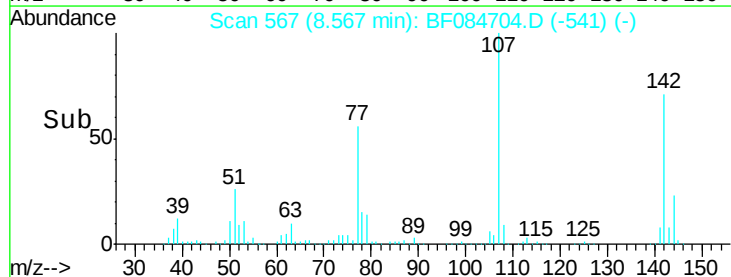


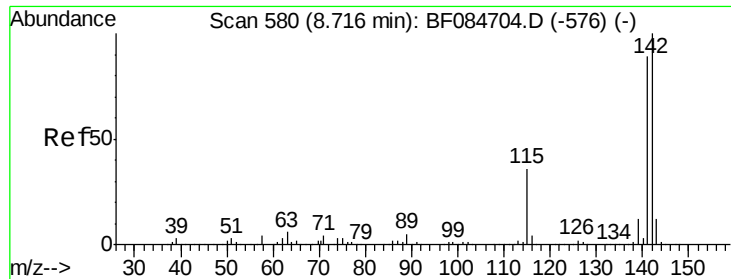
#36
 4-Chloro-3-methylphenol
 Concen: 38.75 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:107 Resp: 419819
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.7 29.5
 142 70.9 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

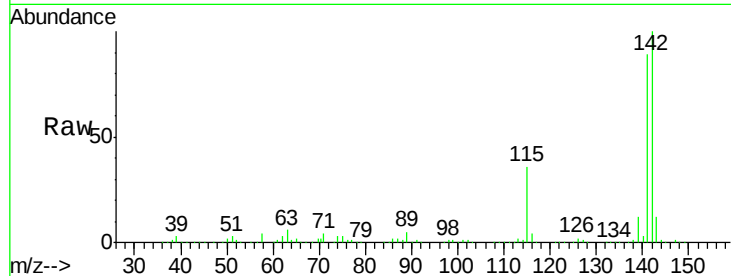




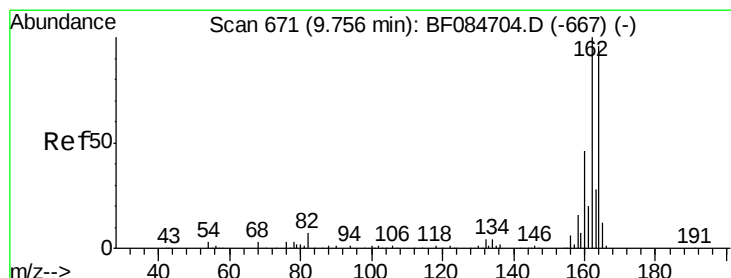
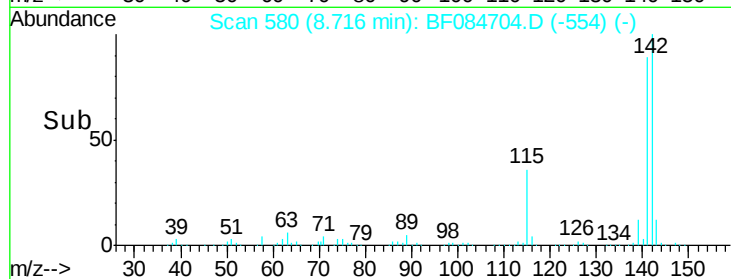
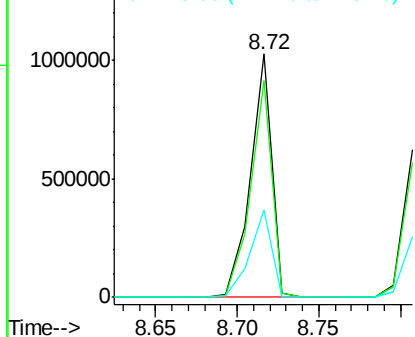
#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 931525
Ion Ratio Lower Upper
142 100
141 89.1 72.4 108.6
115 36.0 27.9 41.9

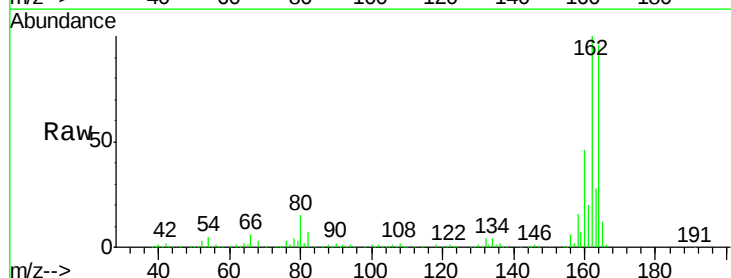


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

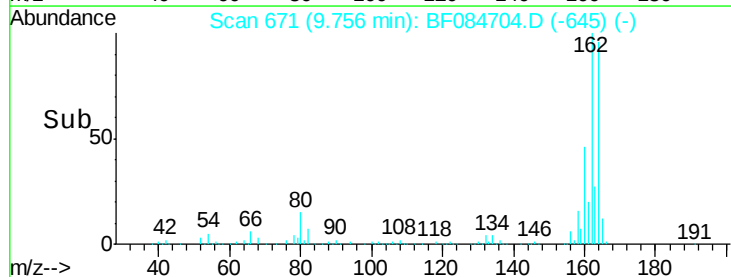
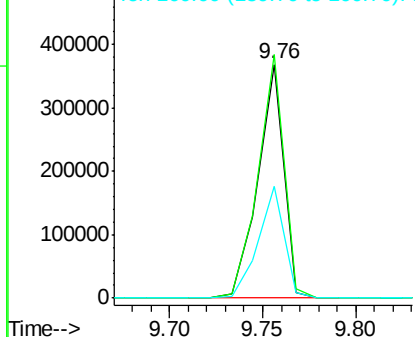


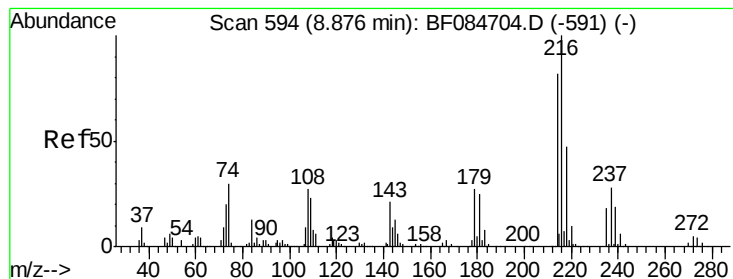
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:164 Resp: 352022
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 47.8 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: 35.54 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 405733

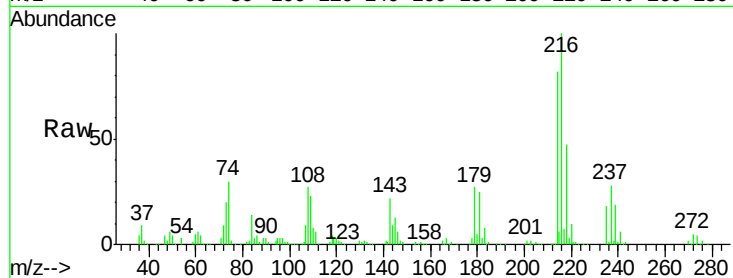
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 22.4 18.7 28.1

108 20.4 16.8 25.2

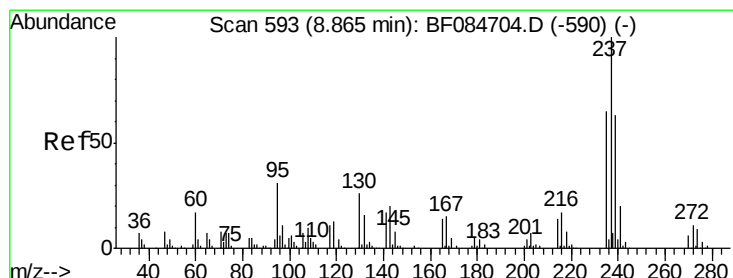
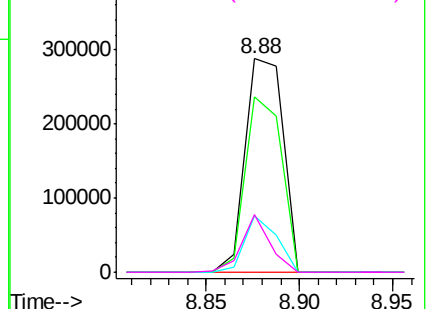
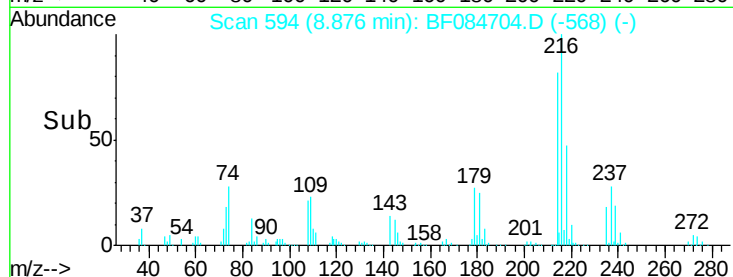


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.38 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

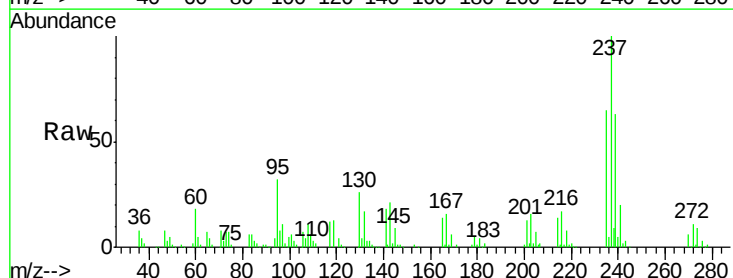
Tgt Ion:237 Resp: 157705

Ion Ratio Lower Upper

237 100

235 64.8 43.1 83.1

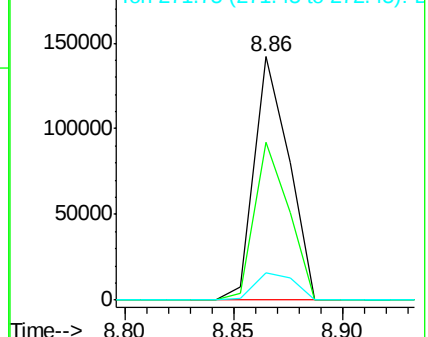
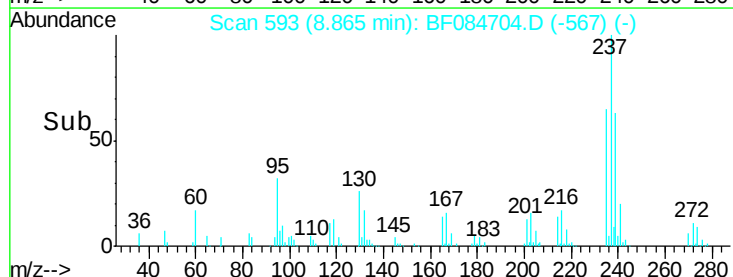
272 11.3 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

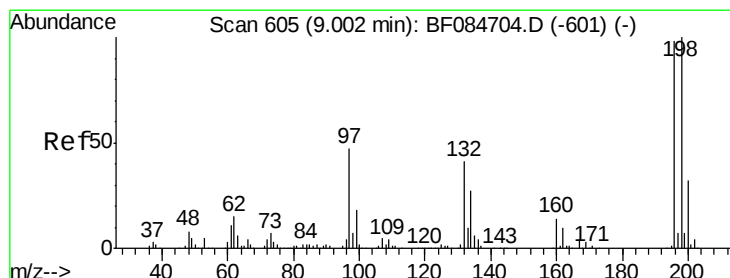
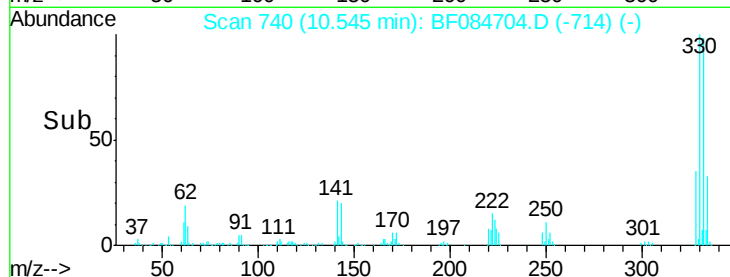
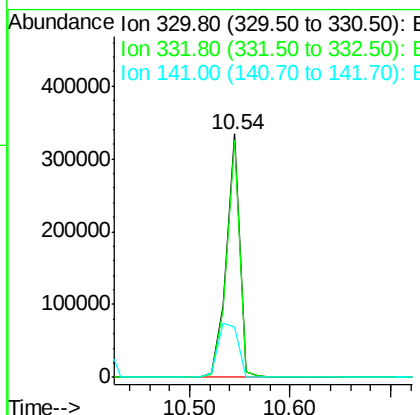
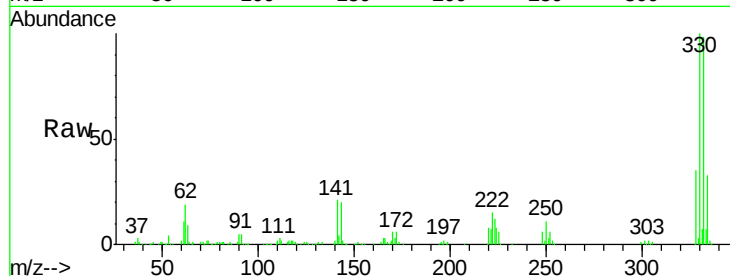




#41
 2,4,6-Tribromophenol
 Concen: 83.24 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

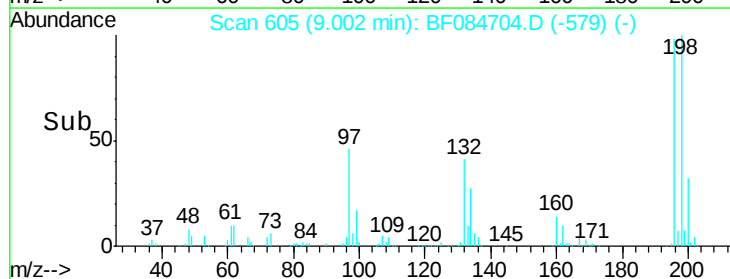
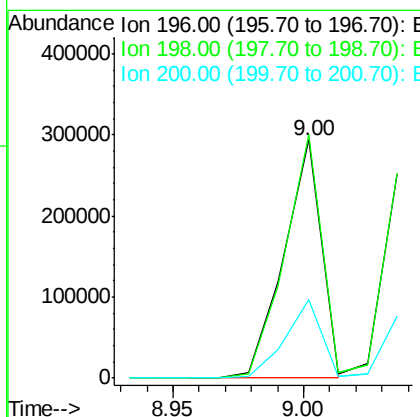
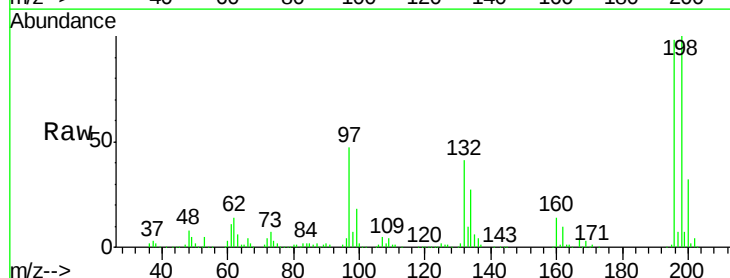
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

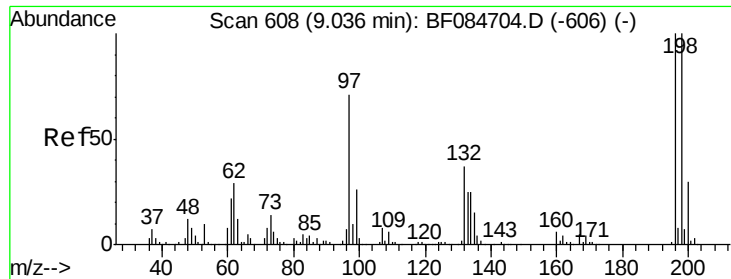
Tot Ion:330 Resp: 307094
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.8 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:196 Resp: 291793
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.7 116.5
 200 33.2 24.6 37.0

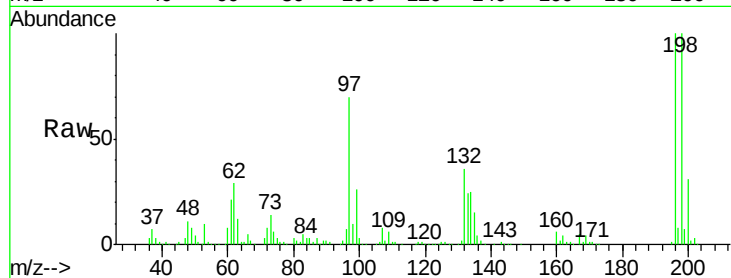




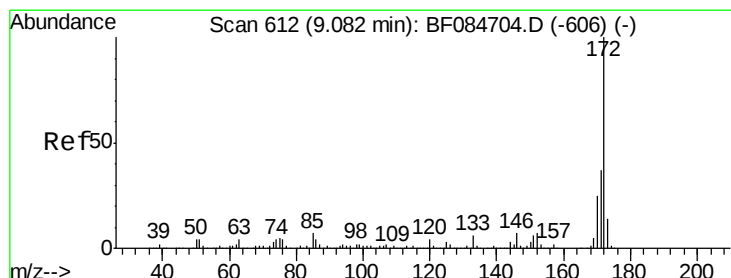
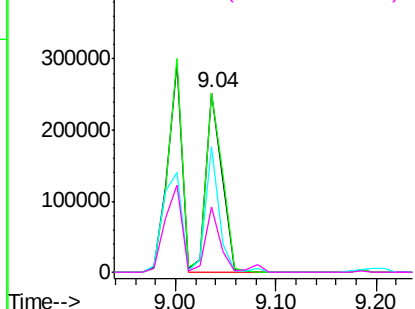
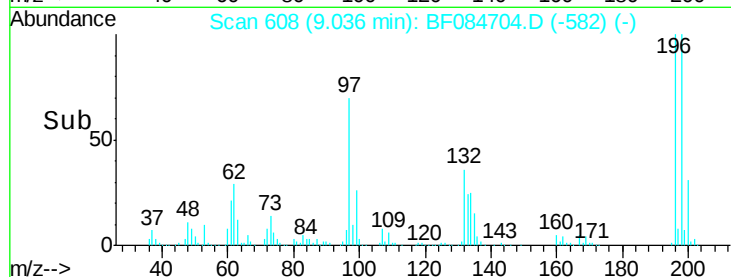
#43
 2,4,5-Trichlorophenol
 Concen: 38.23 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:196 Resp: 279909
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.0 118.6
 97 70.2 33.0 49.6#
 132 36.5 21.1 31.7#

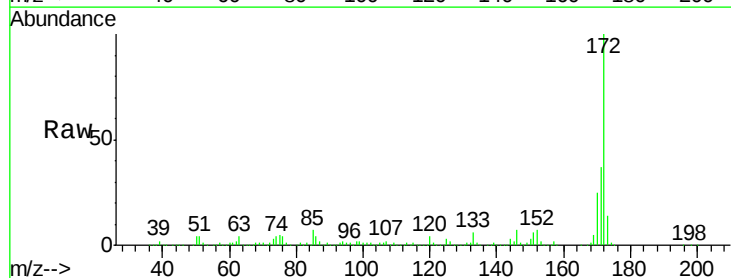


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

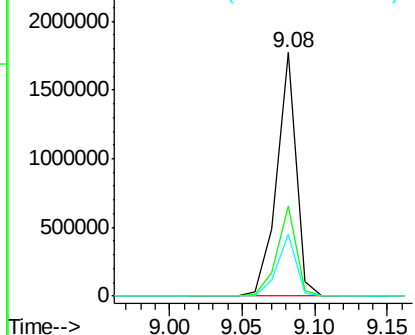
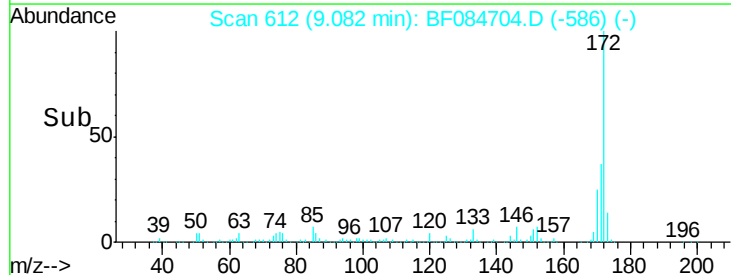


#44
 2-Fluorobiphenyl
 Concen: 69.58 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:172 Resp: 1647972
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.2 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: 39.00 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

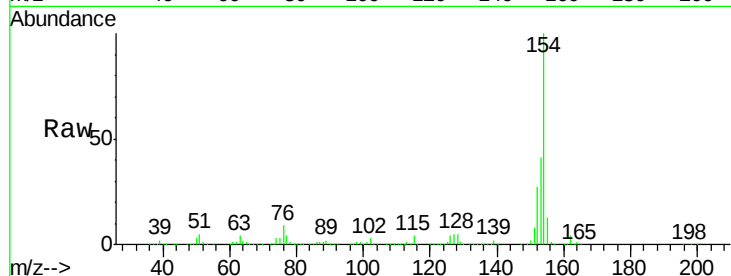
Tot Ion:154 Resp: 1258351

Ion Ratio Lower Upper

154 100

153 40.8 21.6 61.6

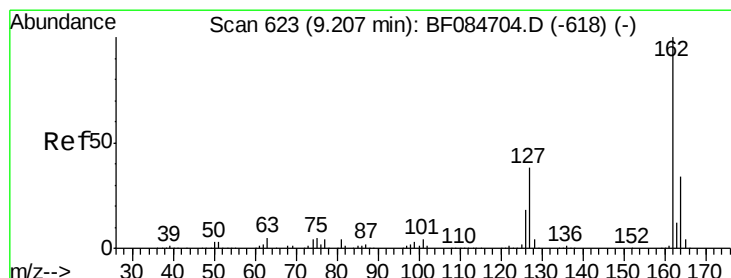
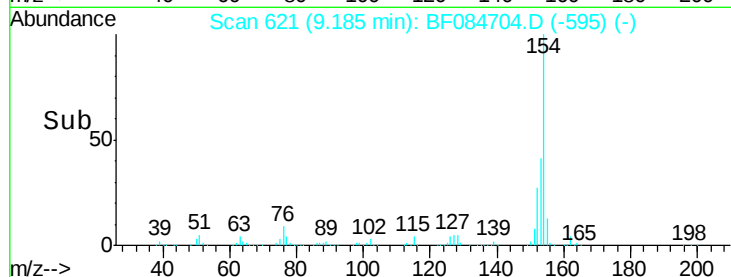
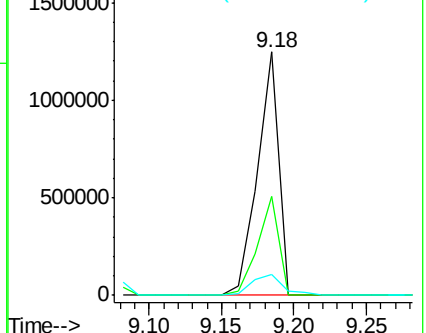
76 8.7 0.0 32.7



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: 38.14 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

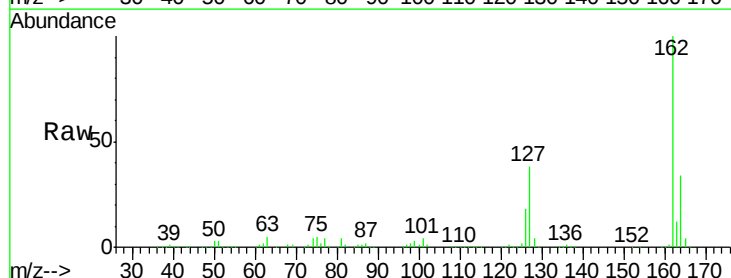
Tgt Ion:162 Resp: 897739

Ion Ratio Lower Upper

162 100

127 37.5 40.2 60.4#

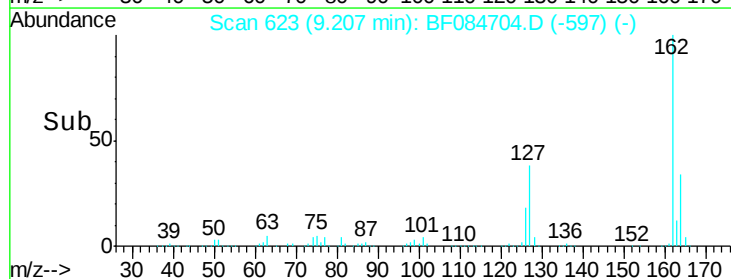
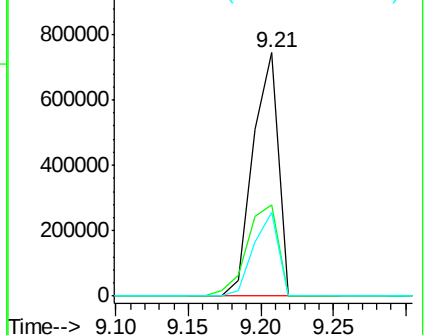
164 34.3 25.7 38.5

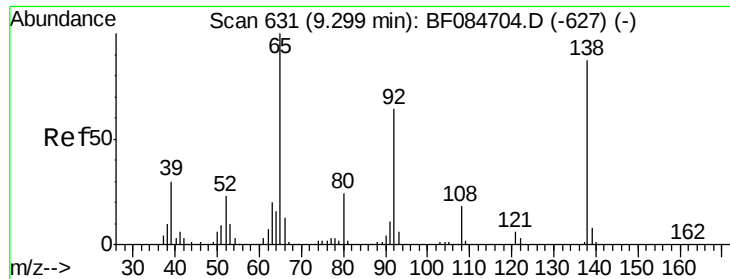


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

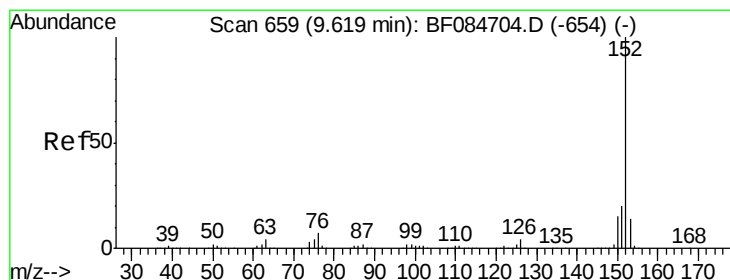
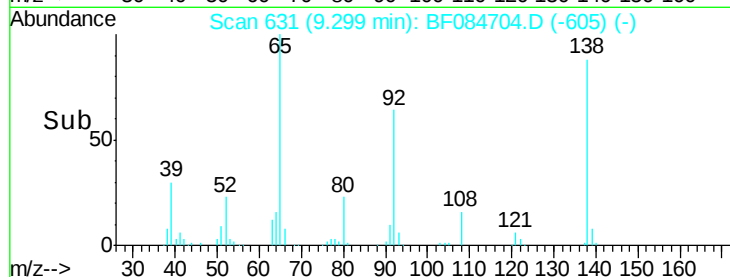
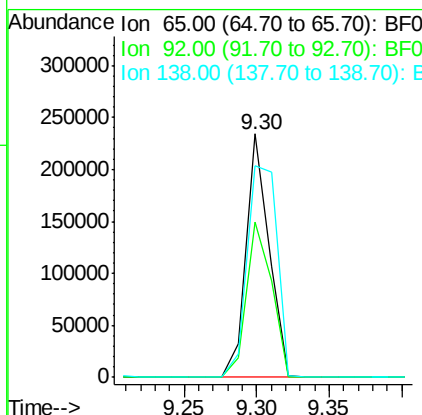
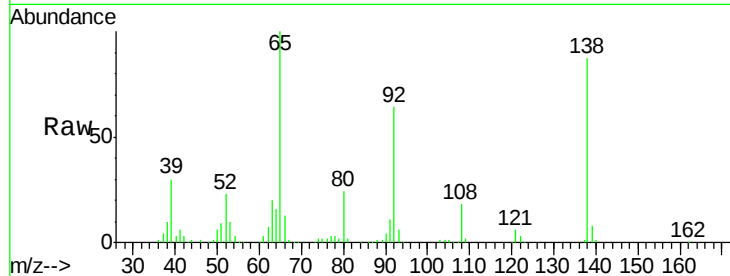




#47
2-Nitroaniline
Concen: 36.41 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

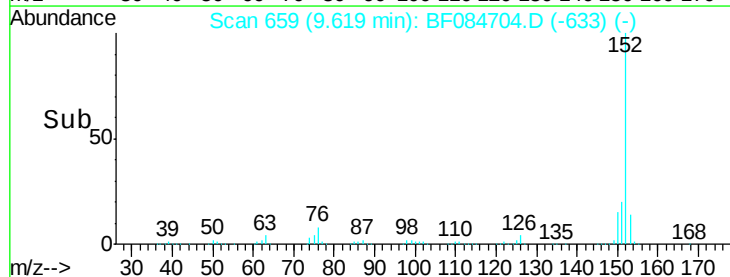
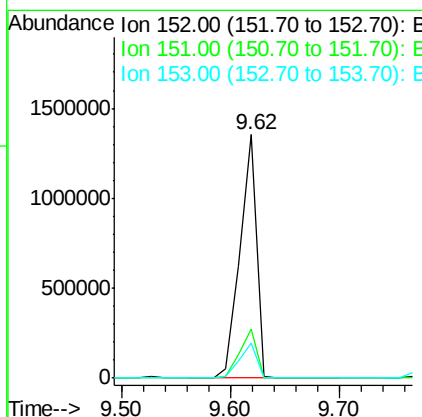
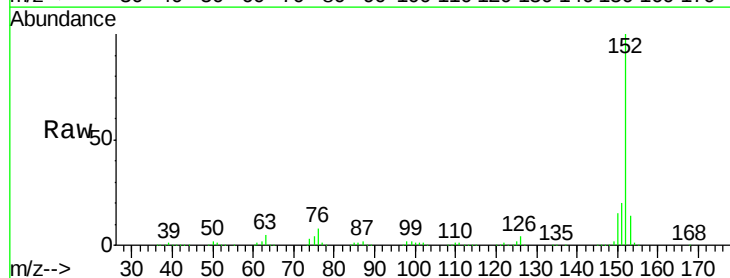
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

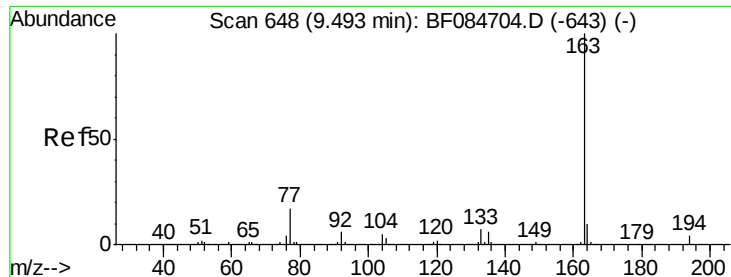
Tot Ion: 65 Resp: 257399
Ion Ratio Lower Upper
65 100
92 63.6 53.4 80.2
138 87.0 71.1 106.7



#48
Acenaphthylene
Concen: 39.26 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion: 152 Resp: 1400231
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.2 10.4 15.6

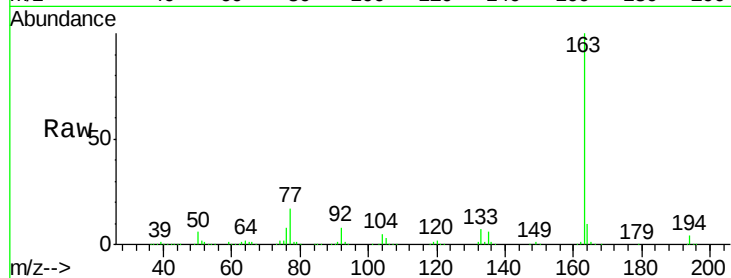




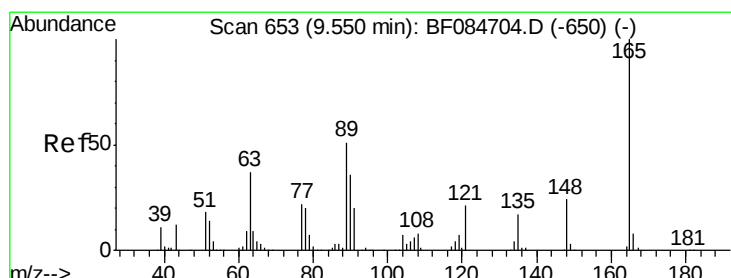
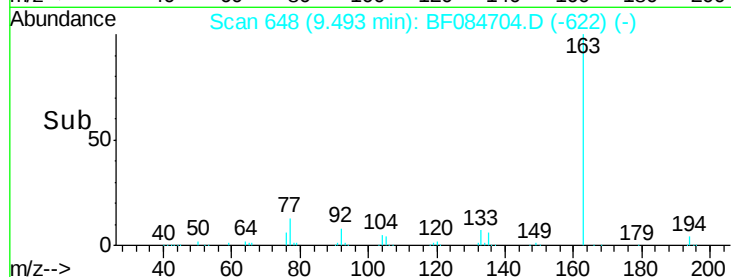
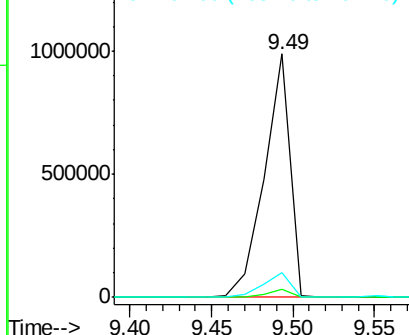
#49
Dimethylphthalate
Concen: 40.84 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:163 Resp: 1079145
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.2 8.0 12.0

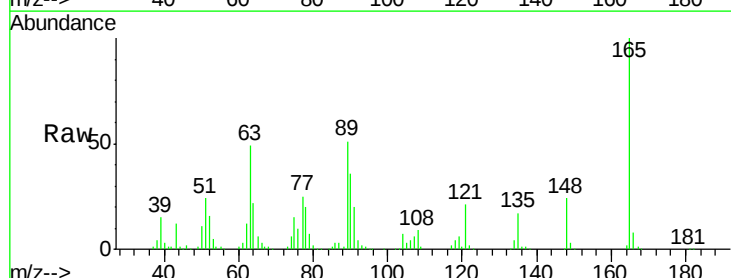


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

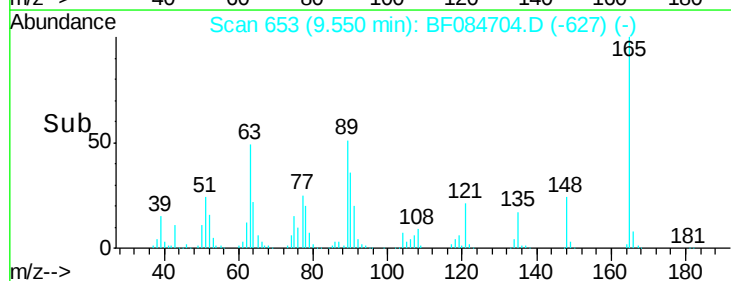
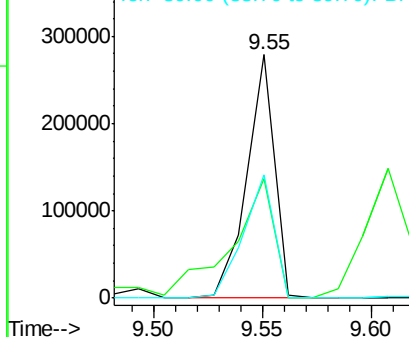


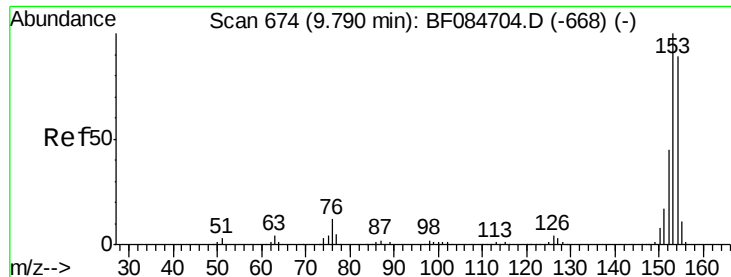
#50
2,6-Dinitrotoluene
Concen: 42.26 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:165 Resp: 245652
Ion Ratio Lower Upper
165 100
63 49.1 28.8 43.2#
89 50.9 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: 37.78 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

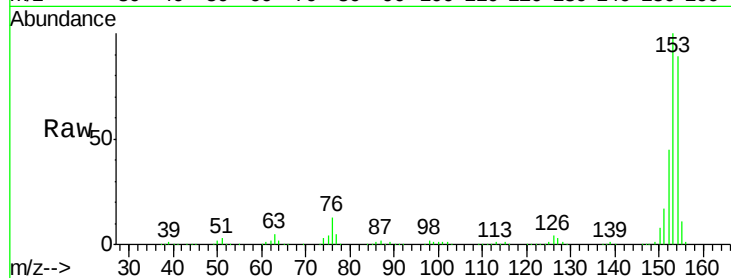
Tot Ion:154 Resp: 902379

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

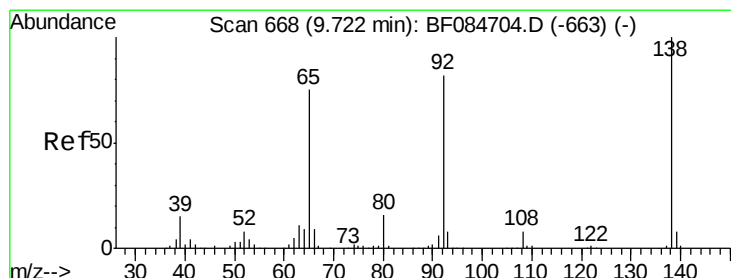
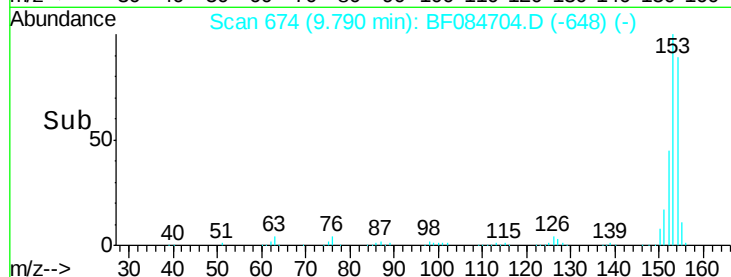
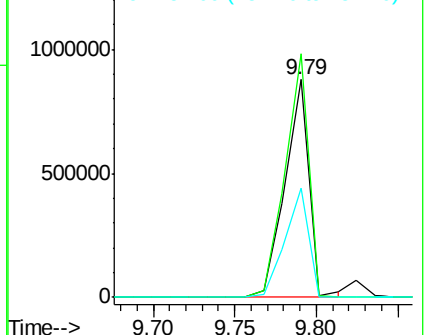
152 50.3 43.0 64.6



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: 41.62 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

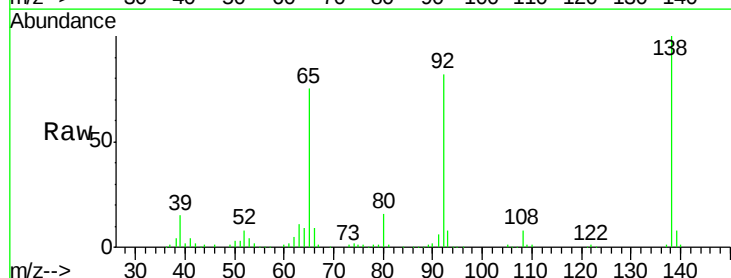
Tgt Ion:138 Resp: 252834

Ion Ratio Lower Upper

138 100

108 8.5 10.5 15.7#

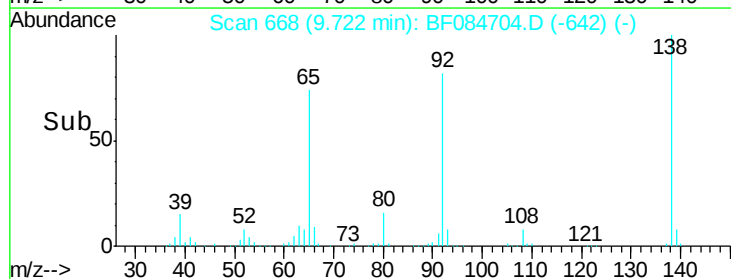
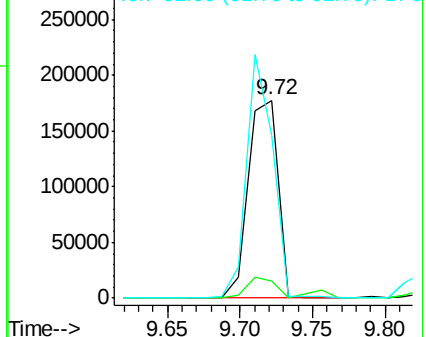
92 82.2 103.9 155.9#

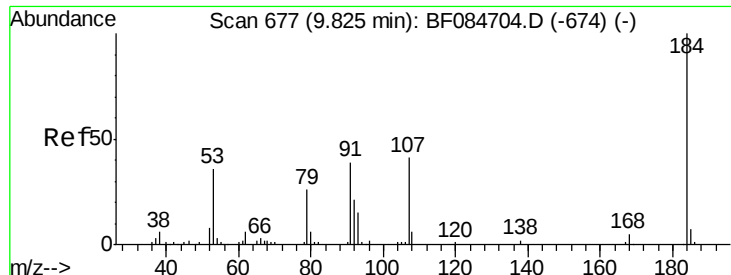


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

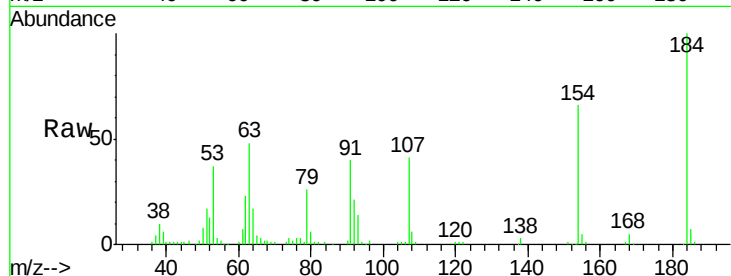




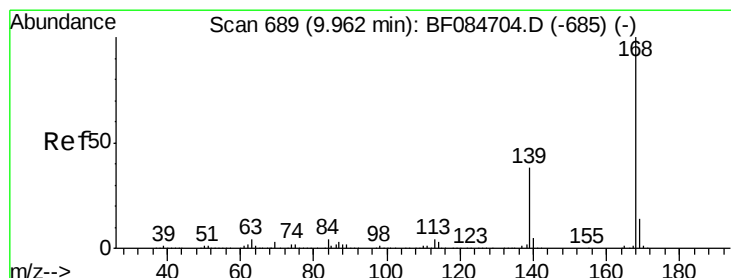
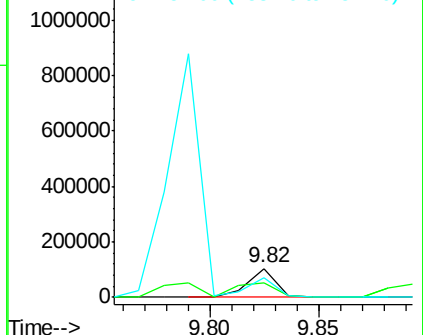
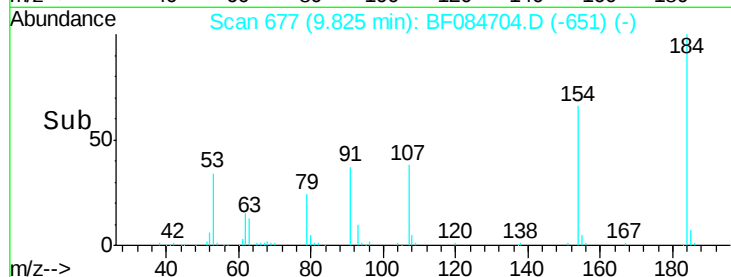
#53
 2,4-Dinitrophenol
 Concen: 34.65 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:184 Resp: 99386
 Ion Ratio Lower Upper
 184 100
 63 47.5 43.1 64.7
 154 65.9 60.5 90.7

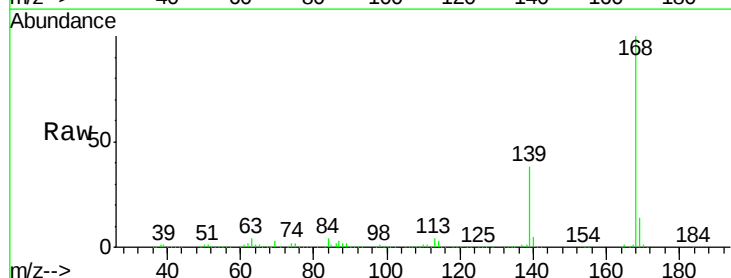


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

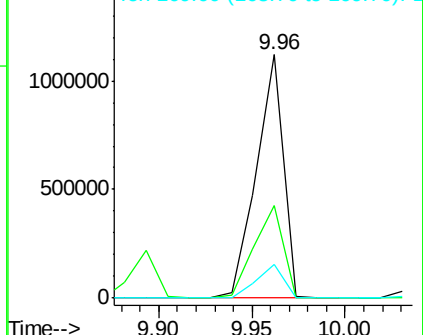
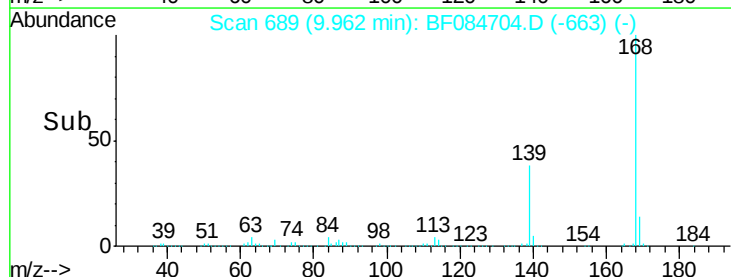


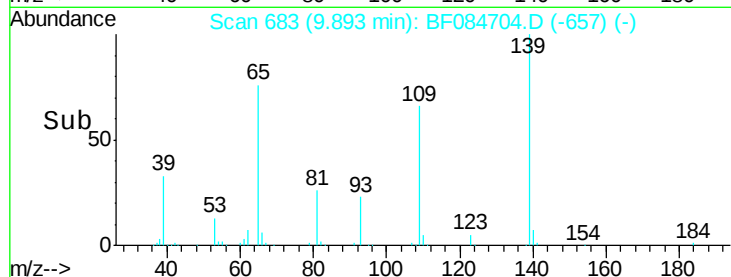
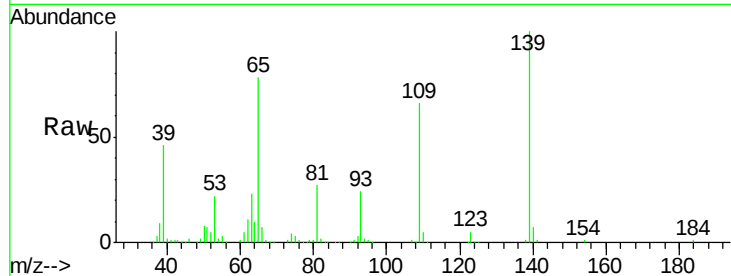
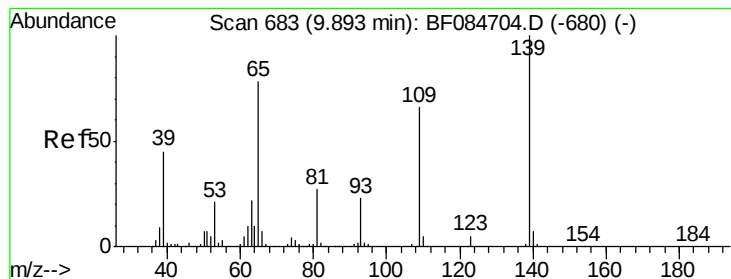
#54
 Dibenzofuran
 Concen: 39.20 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:168 Resp: 1117226
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.5 45.7
 169 13.6 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: 47.47 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

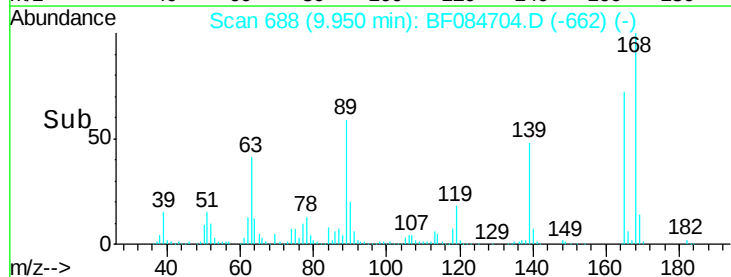
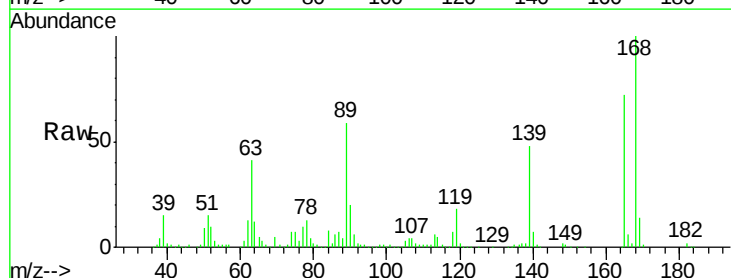
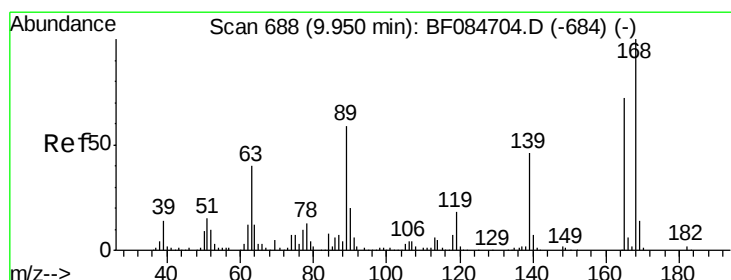
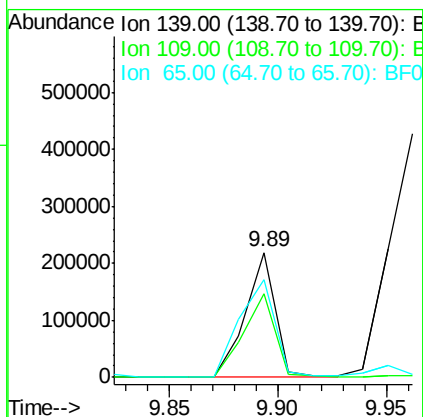
Tot Ion:139 Resp: 211797

Ion Ratio Lower Upper

139 100

109 66.3 58.5 98.5

65 77.9 57.6 97.6



#56

2,4-Dinitrotoluene

Concen: 39.92 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:165 Resp: 301445

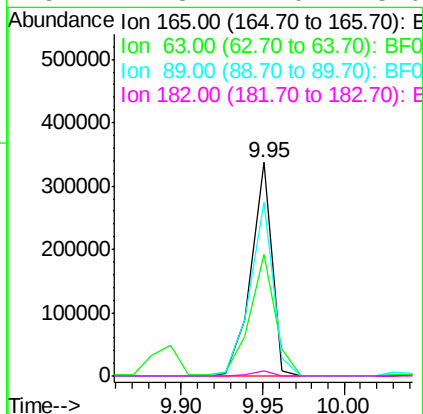
Ion Ratio Lower Upper

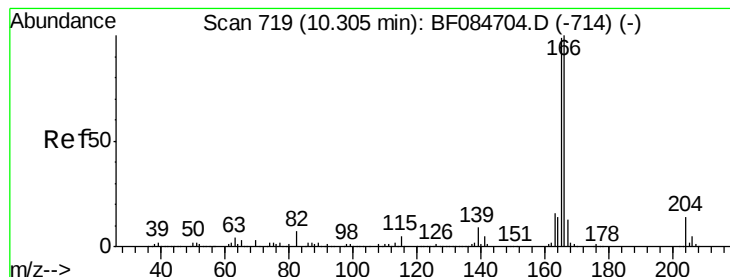
165 100

63 57.2 36.7 55.1#

89 81.8 61.9 92.9

182 2.3 2.0 3.0





#57

Fluorene

Concen: 39.23 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

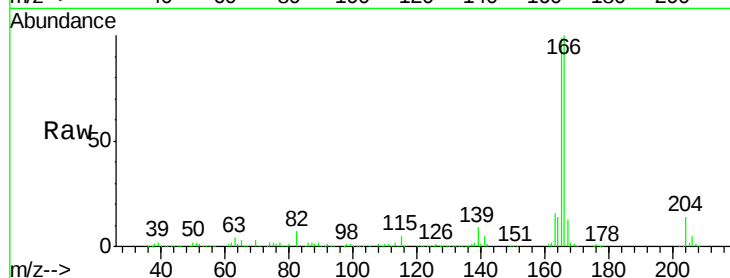
Tot Ion:166 Resp: 947849

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

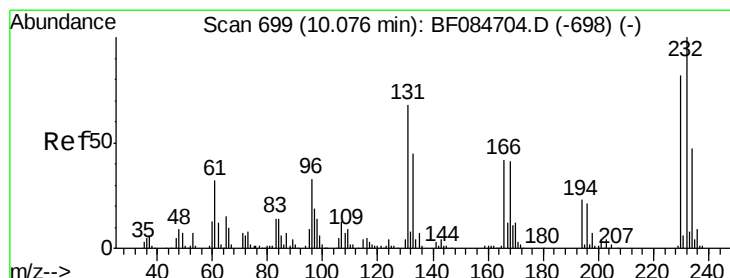
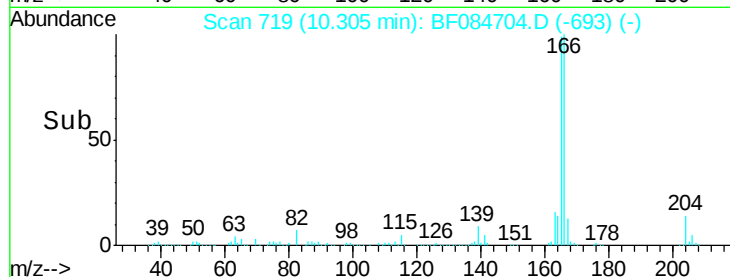
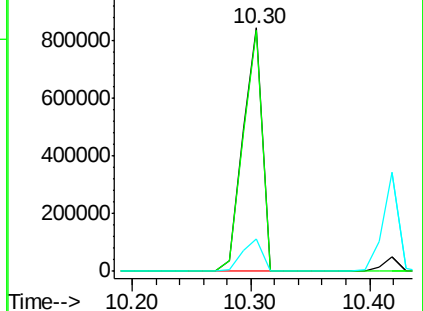
167 13.1 10.4 15.6



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: 35.70 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:232 Resp: 197625

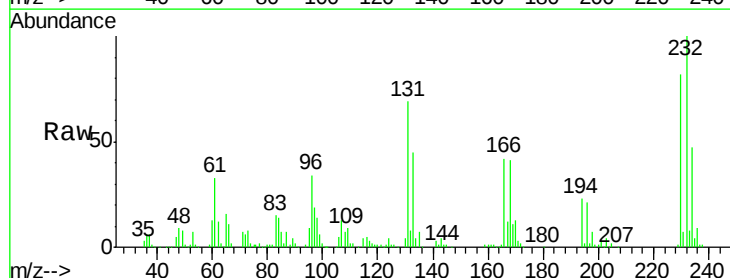
Ion Ratio Lower Upper

232 100

131 53.3 47.0 70.6

130 2.8 2.0 3.0

166 34.0 30.5 45.7

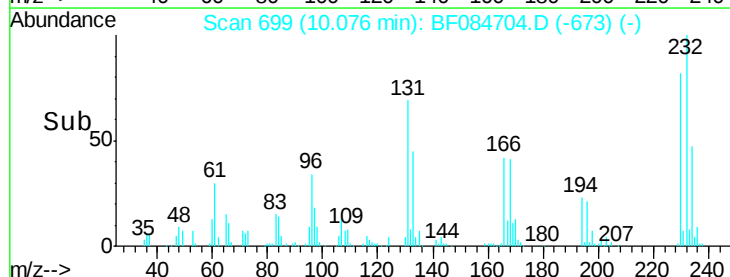
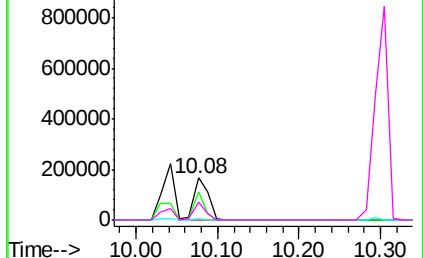


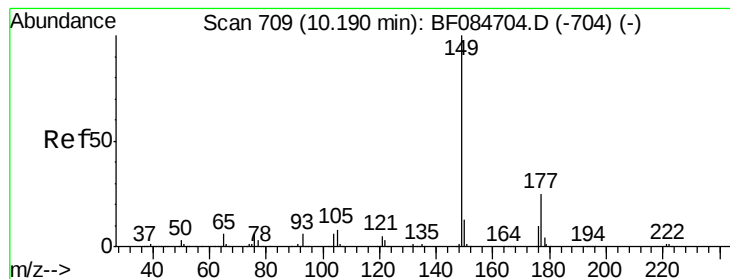
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.97 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

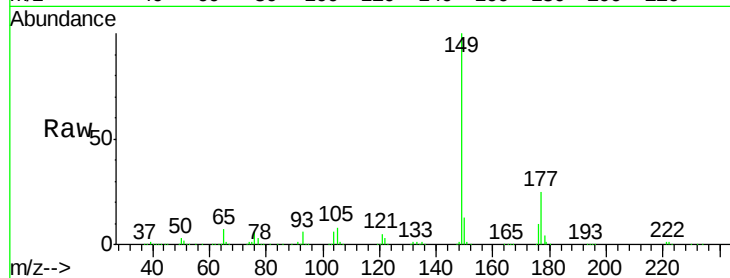
Tot Ion:149 Resp: 1007980

Ion Ratio Lower Upper

149 100

177 24.6 17.3 25.9

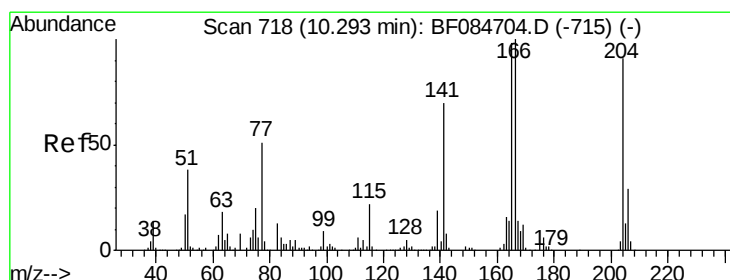
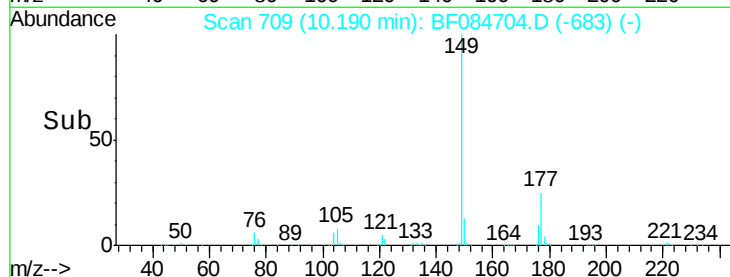
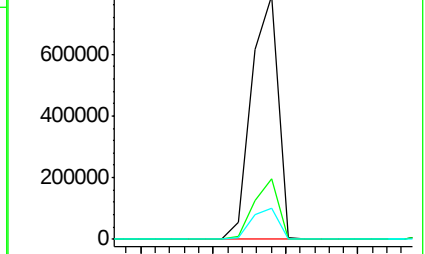
150 12.5 9.8 14.8



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: 37.42 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

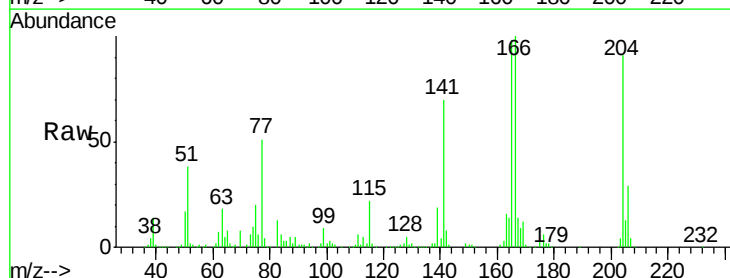
Tgt Ion:204 Resp: 405882

Ion Ratio Lower Upper

204 100

206 32.4 25.7 38.5

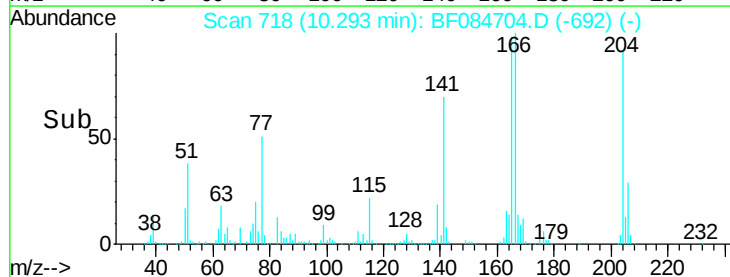
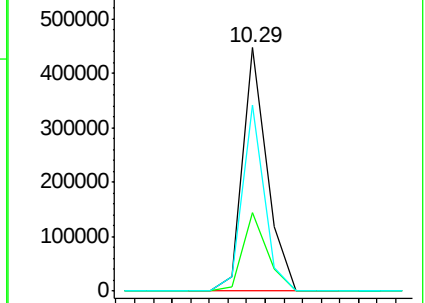
141 76.6 55.1 82.7

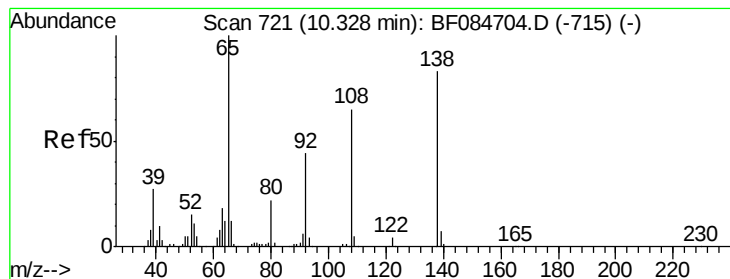


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.15 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

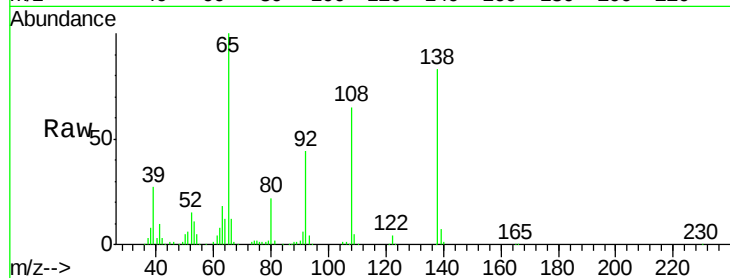
Tot Ion:138 Resp: 248075

Ion Ratio Lower Upper

138 100

92 52.5 32.6 72.6

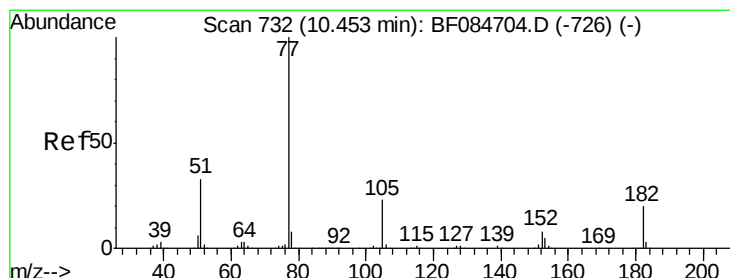
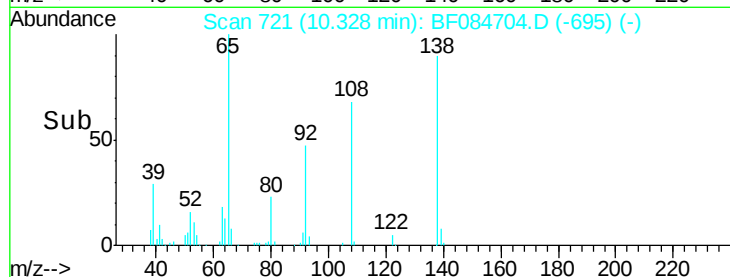
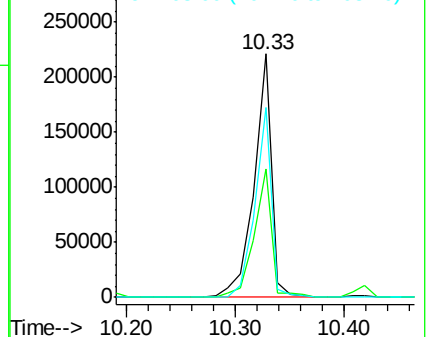
108 78.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.83 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion: 77 Resp: 986050

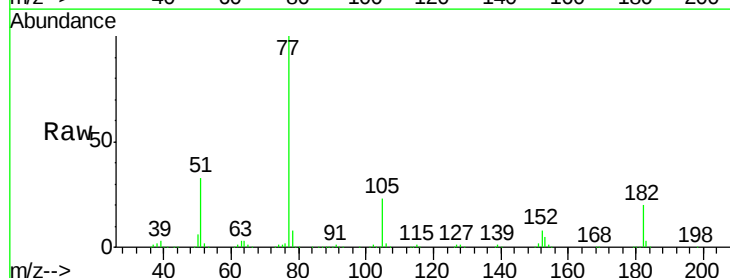
Ion Ratio Lower Upper

77 100

182 20.2 8.3 48.3

105 22.8 4.6 44.6

51 32.6 6.2 46.2

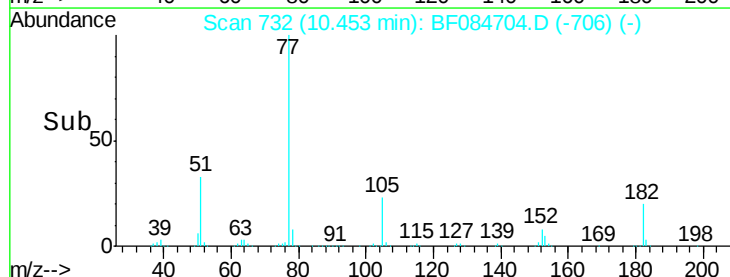
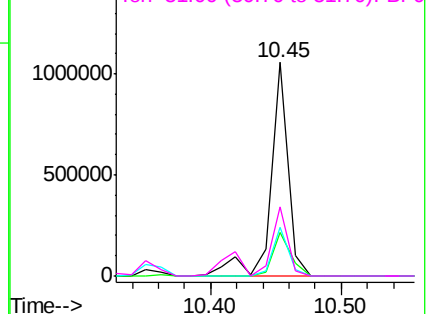


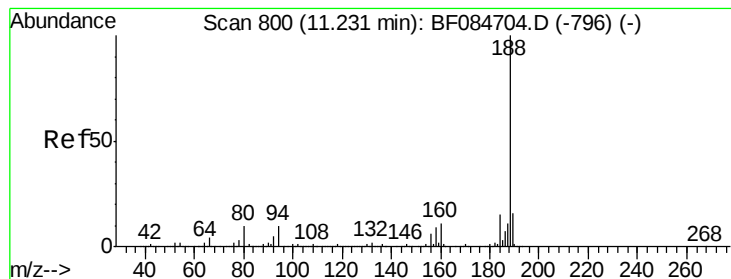
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

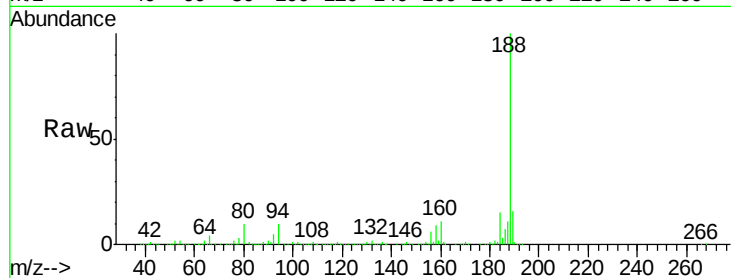
Tot Ion:188 Resp: 622875

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

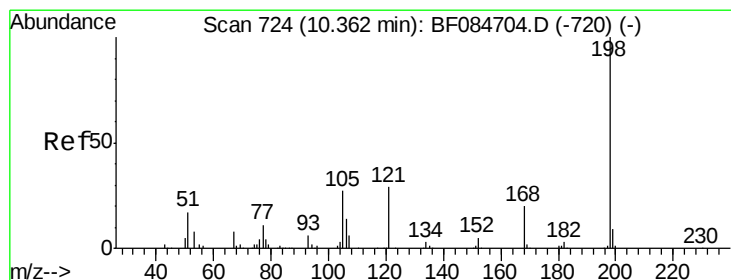
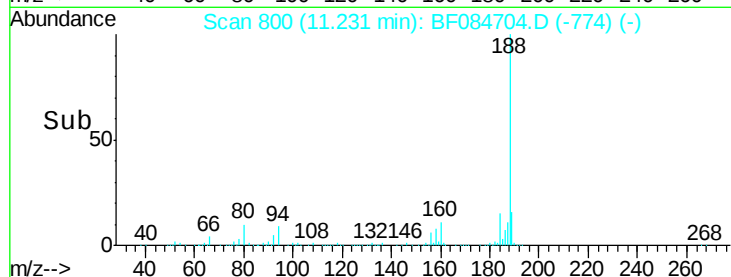
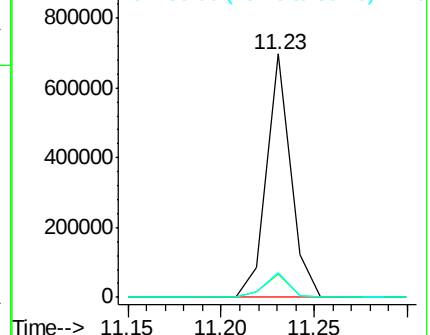
80 10.3 9.6 14.4



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: 39.96 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

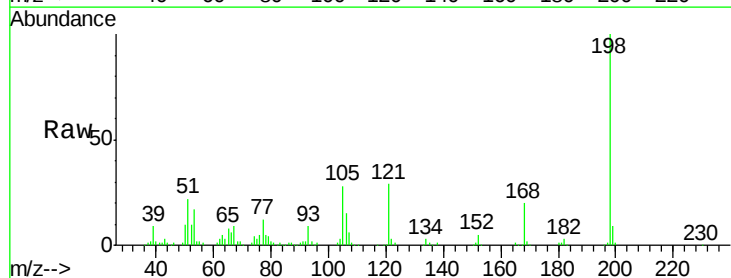
Tgt Ion:198 Resp: 162585

Ion Ratio Lower Upper

198 100

51 21.6 18.9 58.9

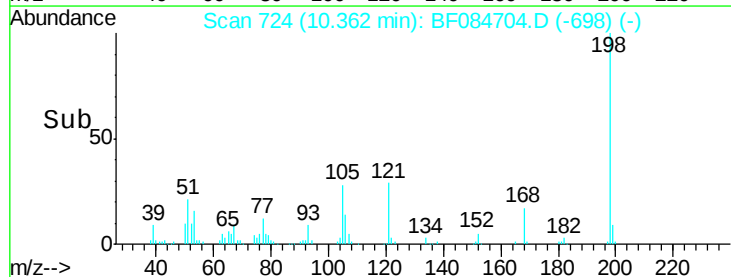
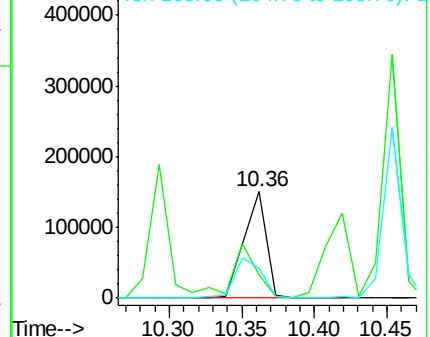
105 28.2 26.4 66.4

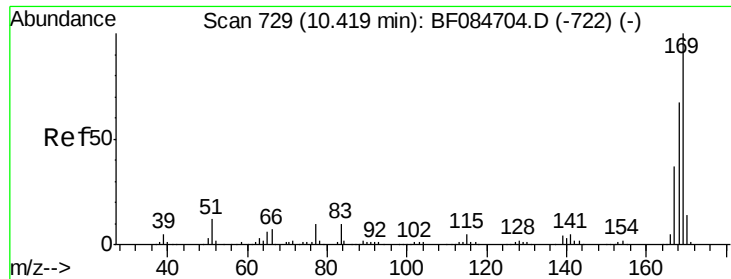


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

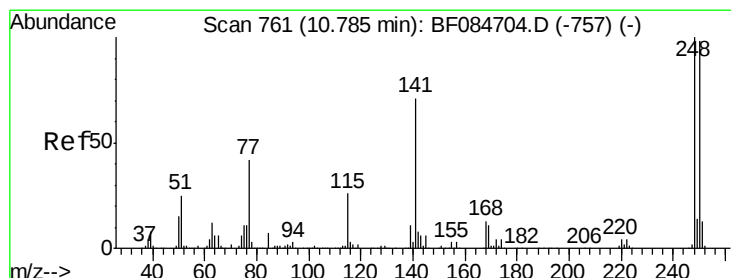
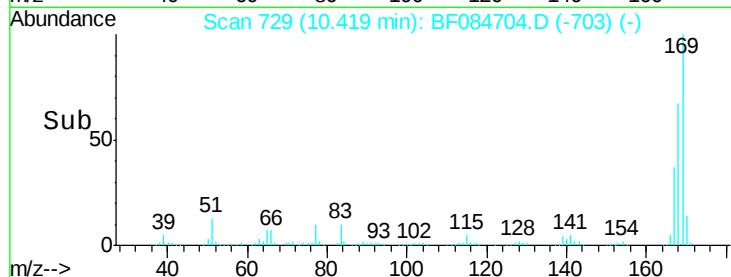
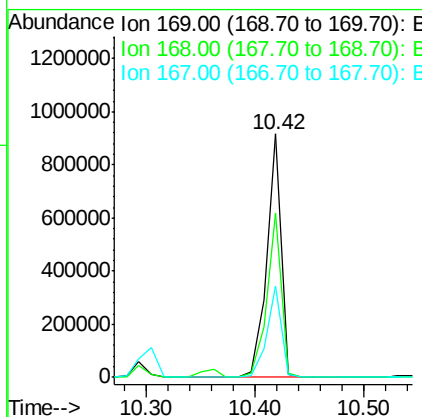
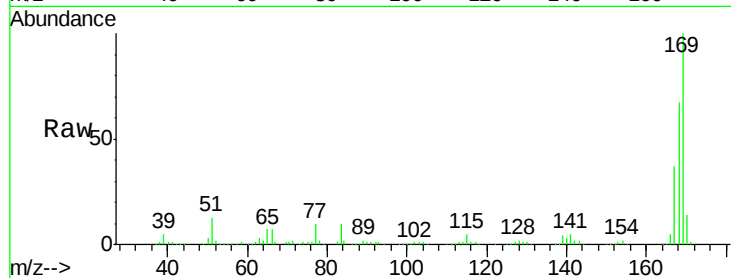




#65
 n-Nitrosodiphenylamine
 Concen: 42.30 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

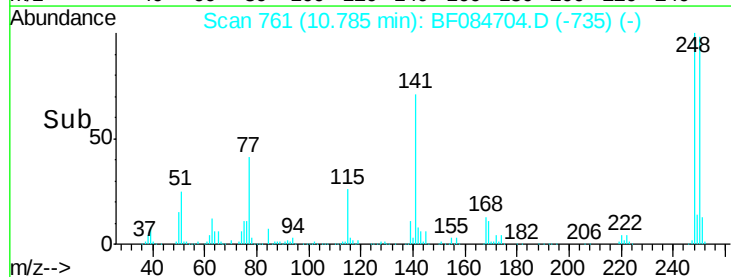
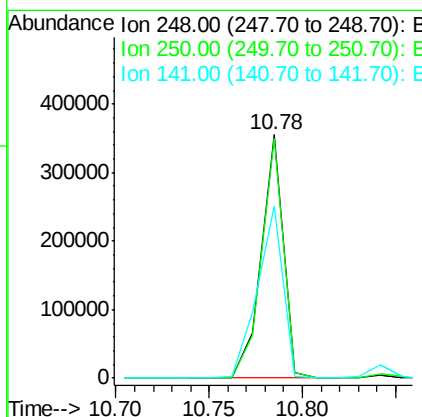
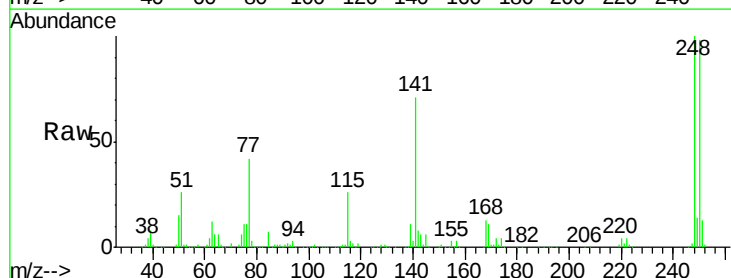
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

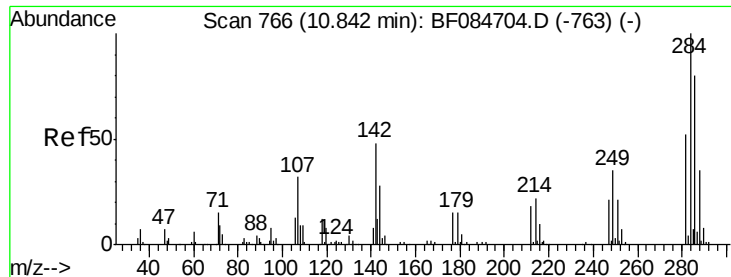
Tot Ion:169 Resp: 854297
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.1 82.7
 167 37.3 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.11 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:248 Resp: 295432
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.4 117.6
 141 70.8 44.0 66.0#





#67

Hexachlorobenzene

Concen: 37.51 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

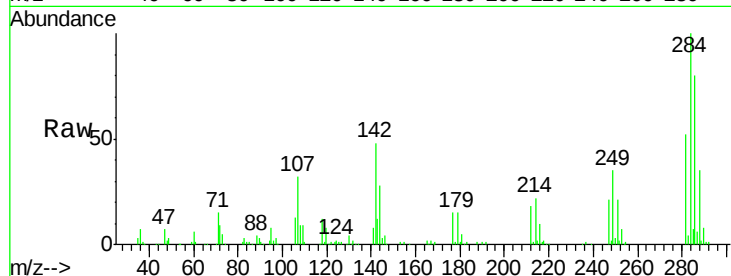
Tot Ion:284 Resp: 286201

Ion Ratio Lower Upper

284 100

142 48.4 22.2 33.4#

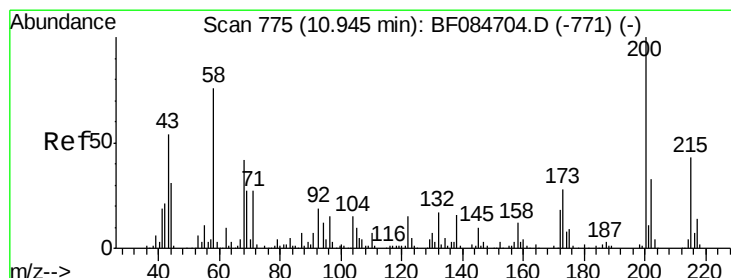
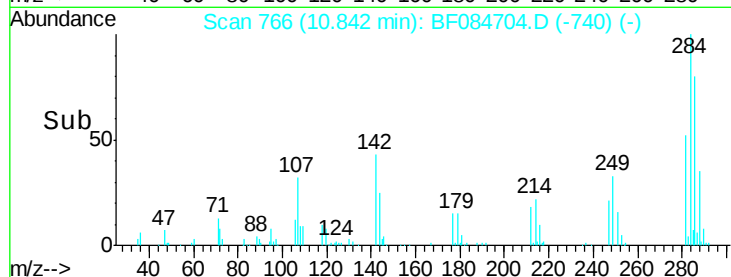
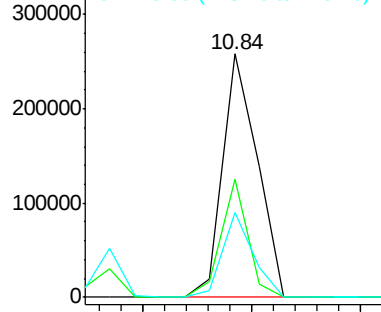
249 34.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.84 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

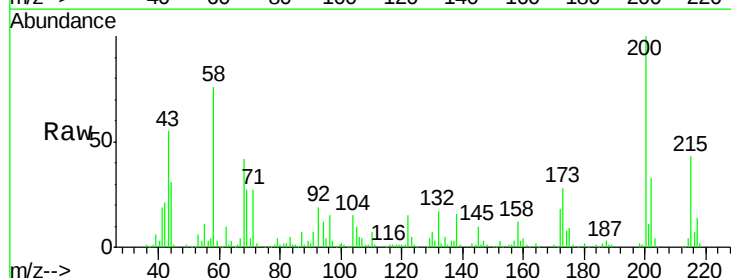
Tgt Ion:200 Resp: 235048

Ion Ratio Lower Upper

200 100

173 28.4 9.5 49.5

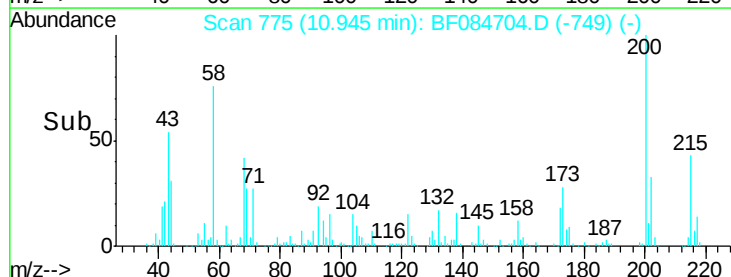
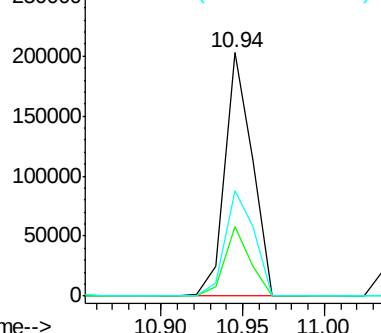
215 43.3 23.8 63.8

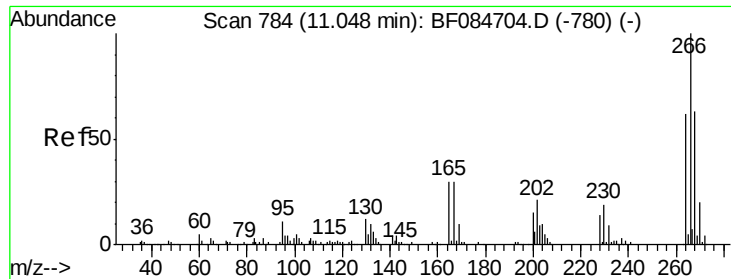


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

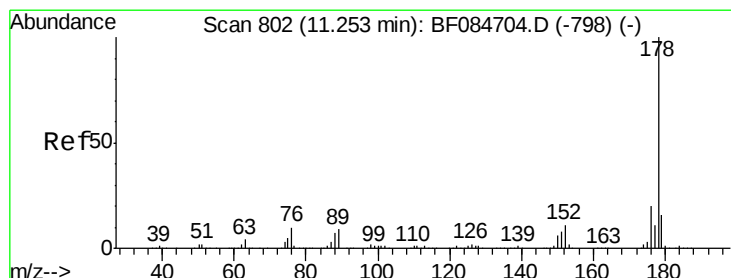
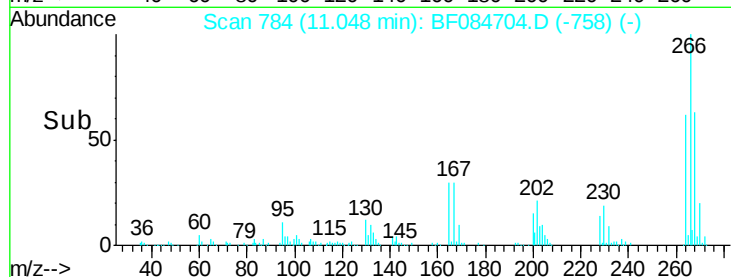
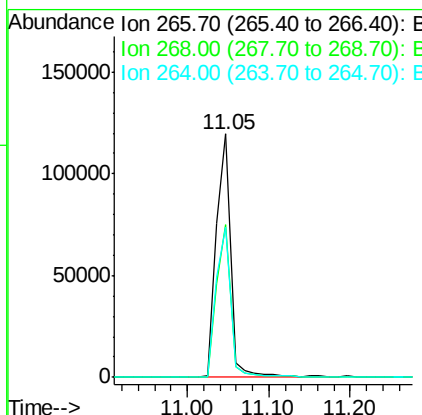
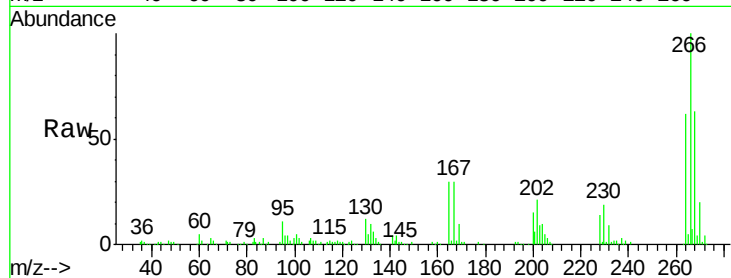




#69
 Pentachlorophenol
 Concen: 40.03 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

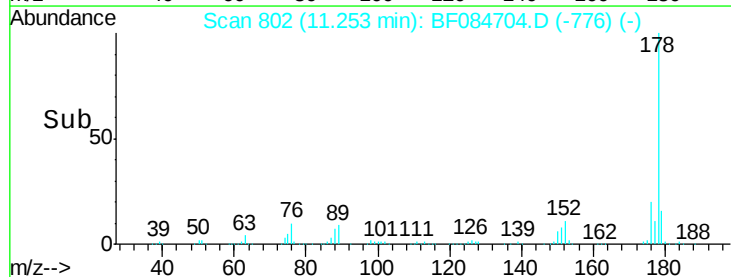
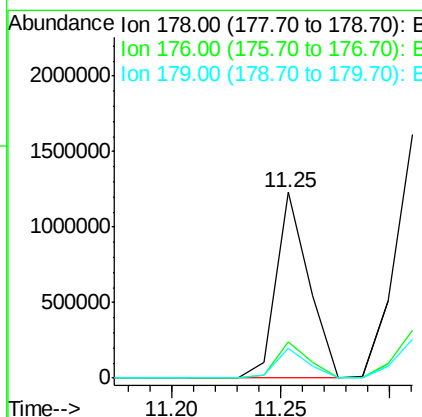
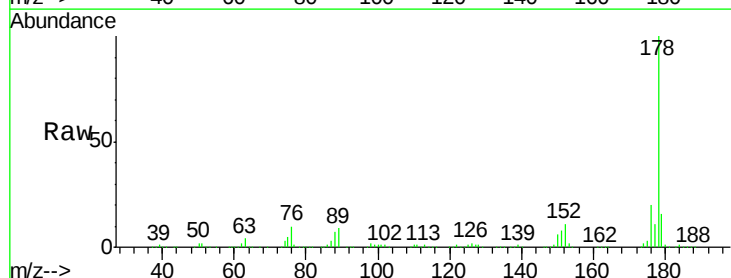
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:266 Resp: 147577
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.4 78.6
 264 61.8 50.2 75.2



#70
 Phenanthrene
 Concen: 37.53 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:178 Resp: 1292473
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.2 12.0 18.0



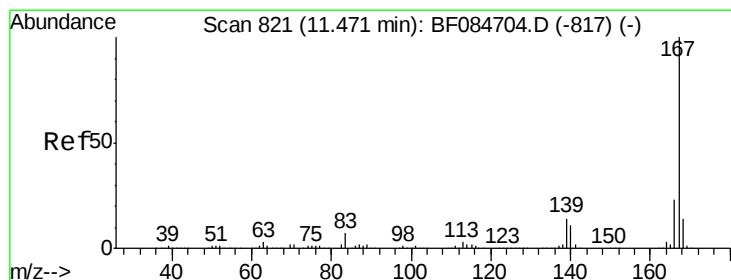
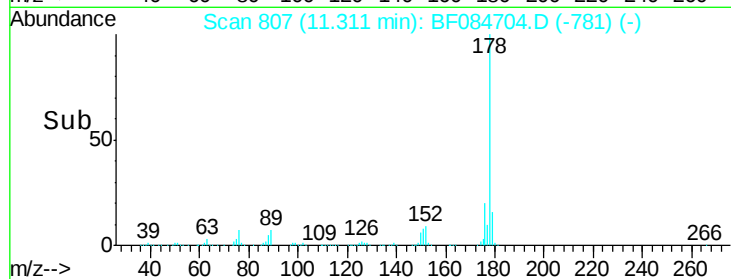
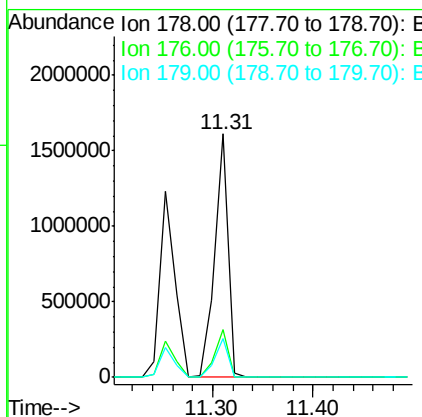
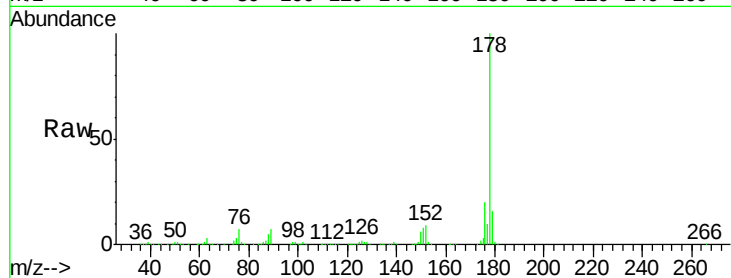


#71
 Anthracene
 Concen: 42.55 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1489997

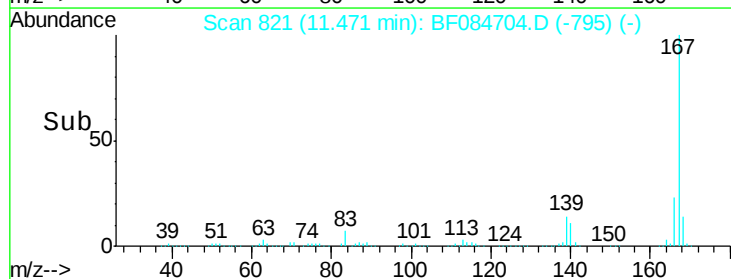
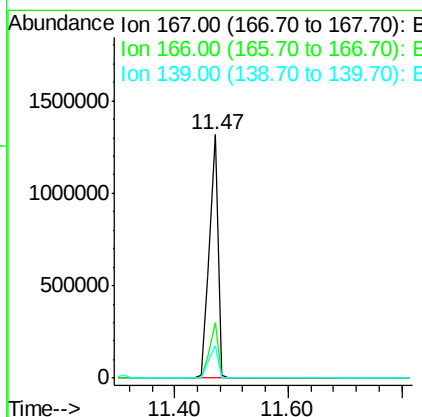
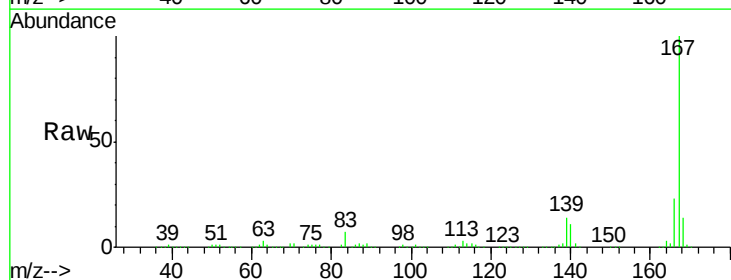
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 43.49 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:167 Resp: 1312589

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.5	11.8	17.8





#73

Di-n-butylphthalate

Concen: 40.47 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

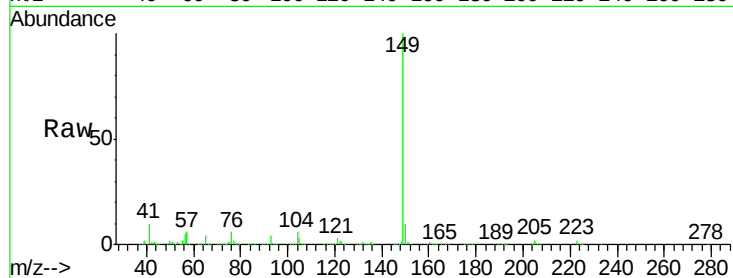
Tot Ion:149 Resp: 1485626

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

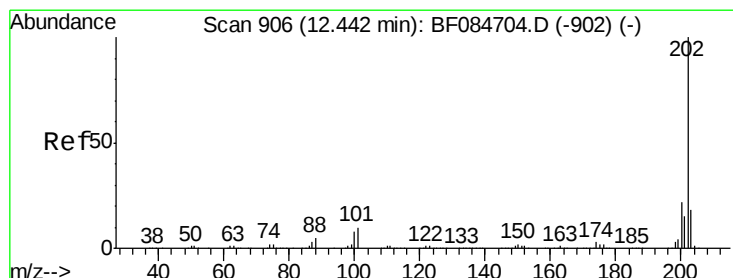
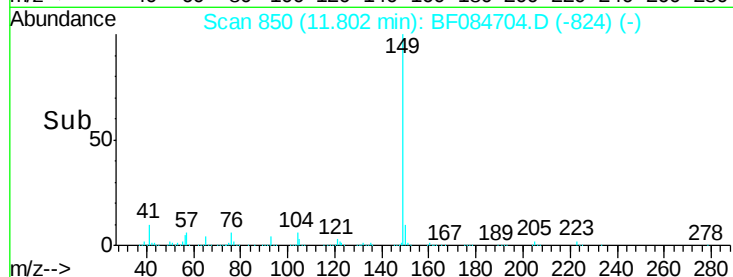
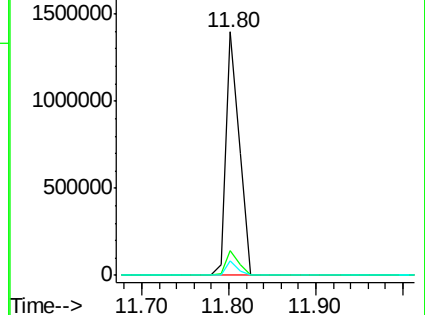
104 5.9 3.2 4.8#



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: 42.91 ng

RT: 12.44 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

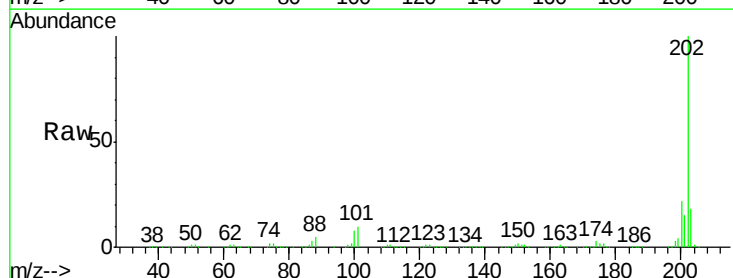
Tgt Ion:202 Resp: 1461159

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.8

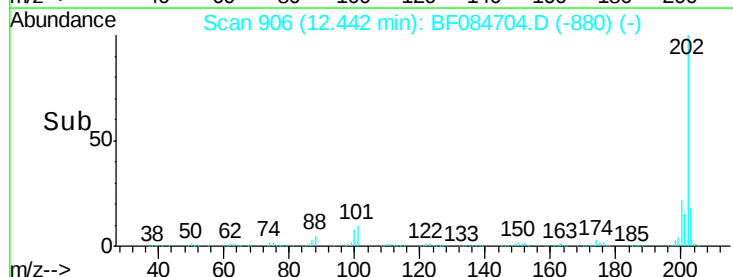
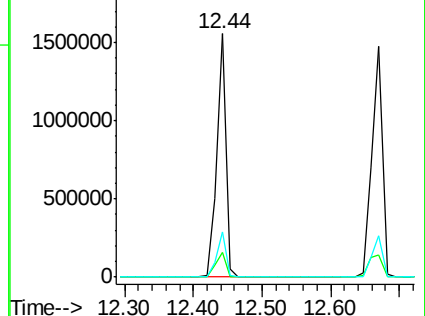
203 18.5 0.0 37.9

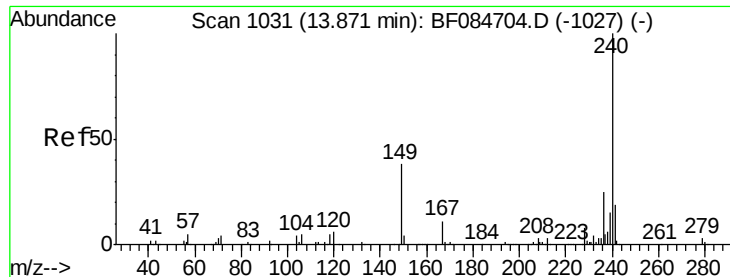


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

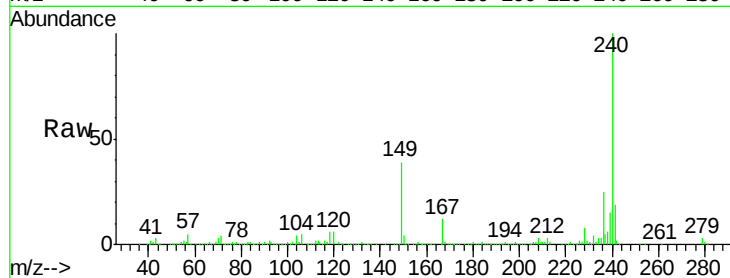
Tot Ion:240 Resp: 478436

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

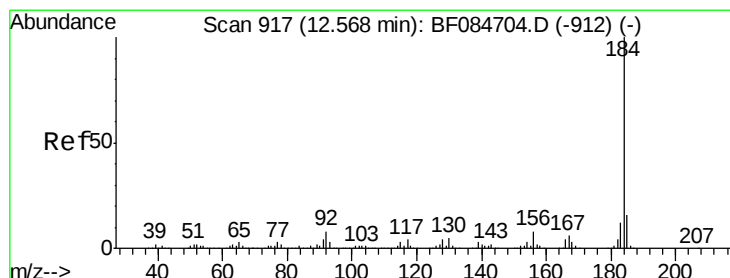
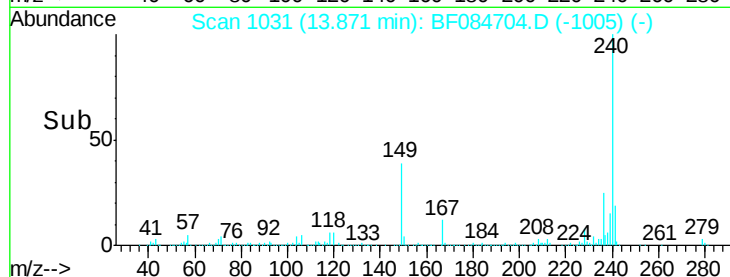
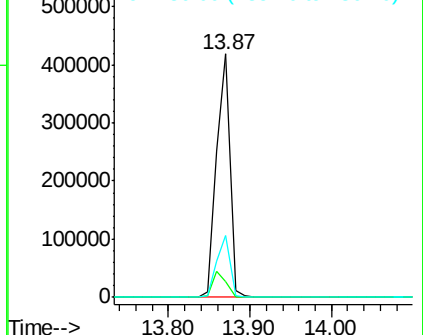
236 25.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.55 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

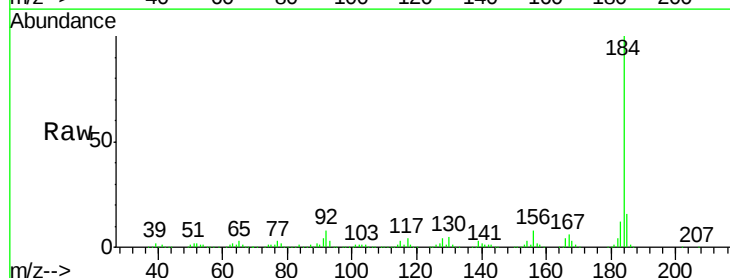
Tgt Ion:184 Resp: 683200

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

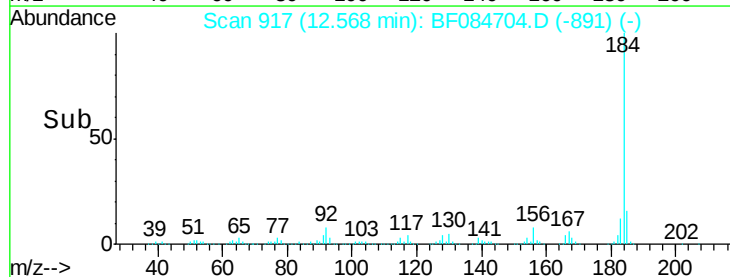
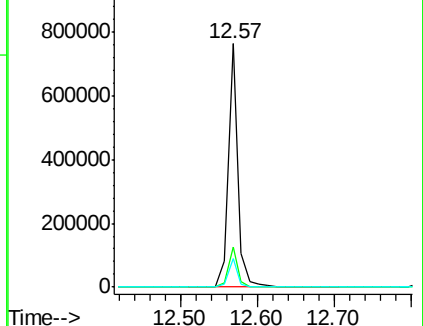
183 11.6 9.8 14.8

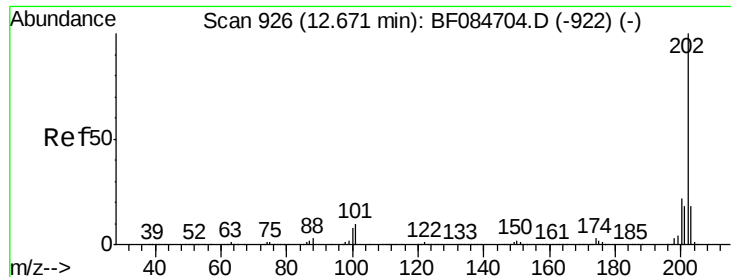


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

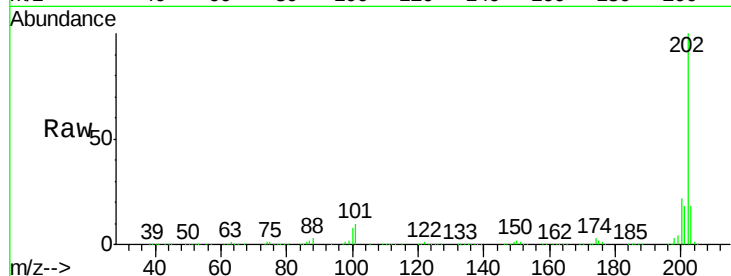




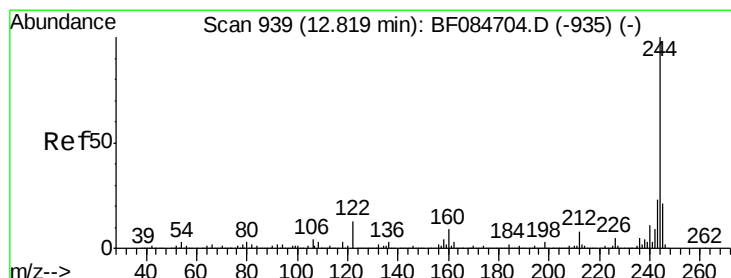
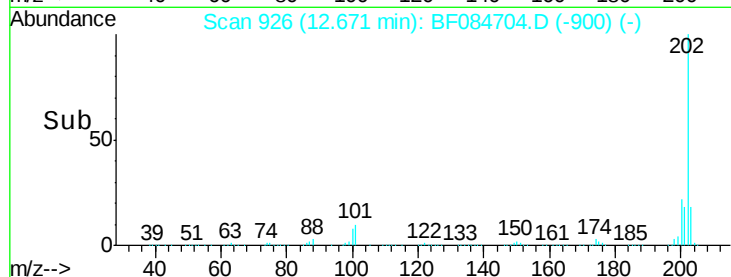
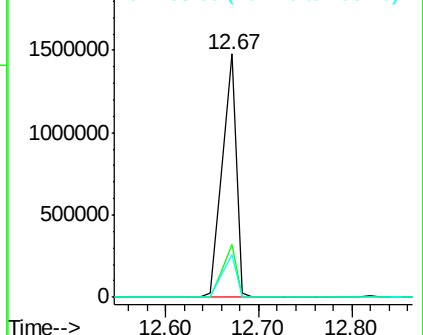
#77
 Pvrene
 Concen: 42.39 ng
 RT: 12.67 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:202 Resp: 1529503
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 17.8 14.3 21.5

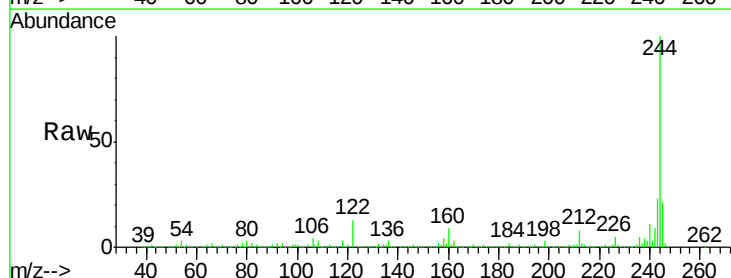


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

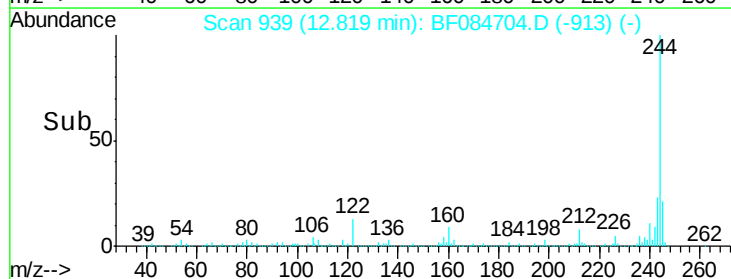
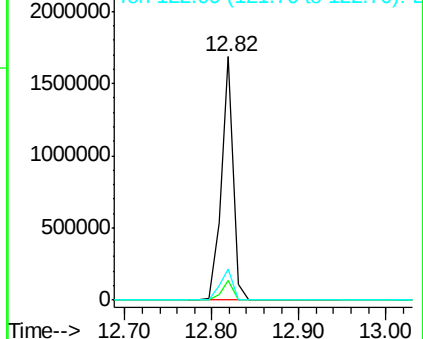


#78
 Terphenyl-d14
 Concen: 76.23 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:244 Resp: 1614820
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

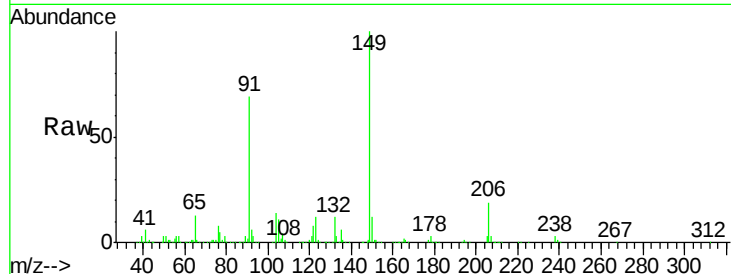




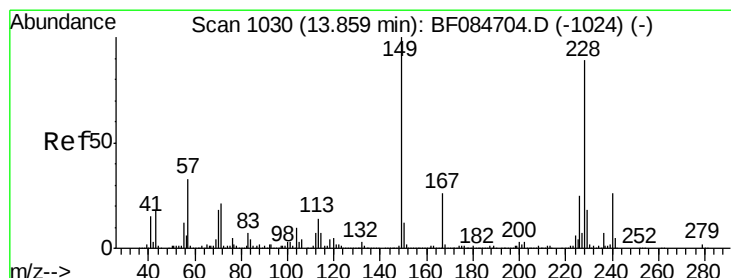
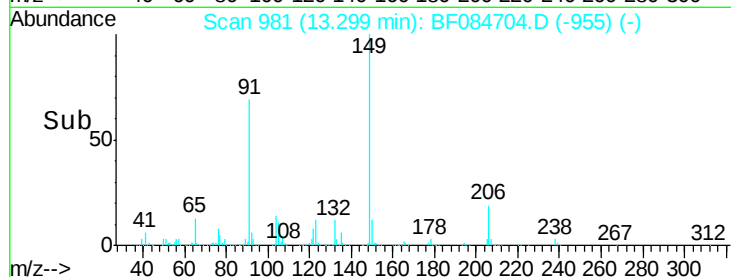
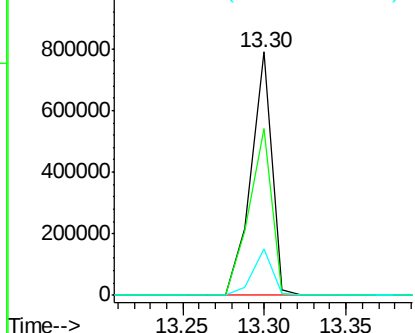
#79
Butylbenzylphthalate
Concen: 45.93 ng
RT: 13.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:149 Resp: 707981
Ion Ratio Lower Upper
149 100
91 68.6 57.6 86.4
206 19.1 13.2 19.8

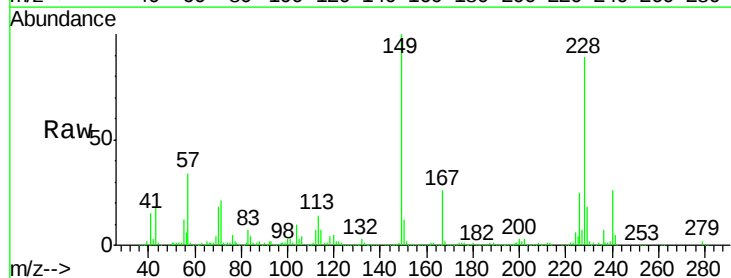


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

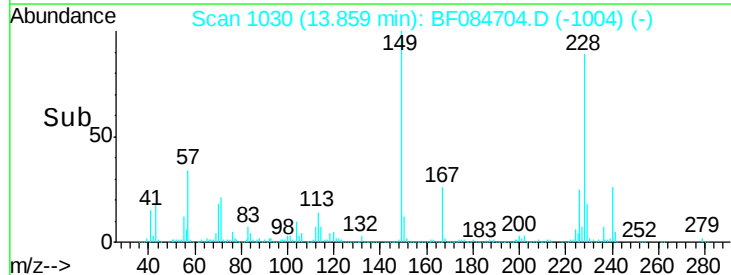
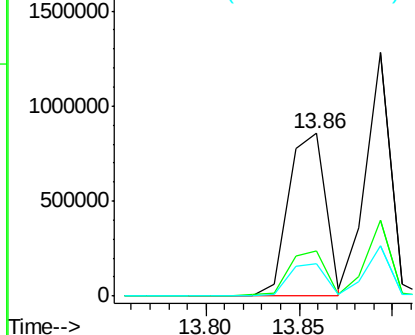


#80
Benzo(a)anthracene
Concen: 39.84 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:228 Resp: 1188250
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 19.9 15.8 23.8



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

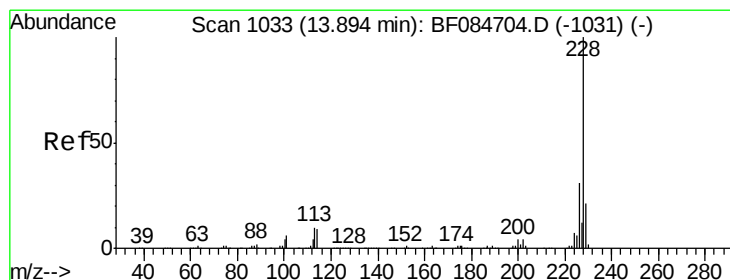
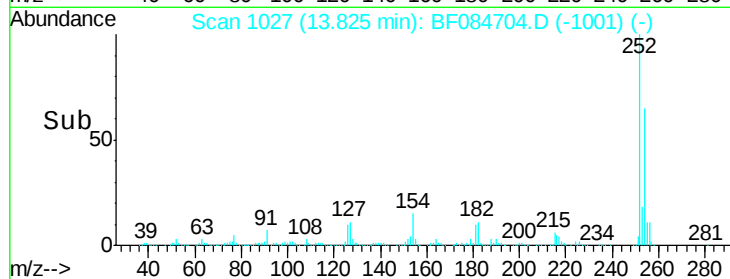
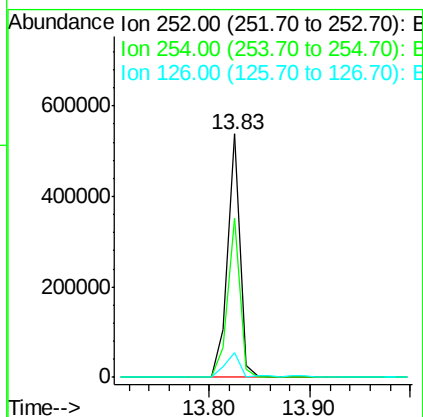
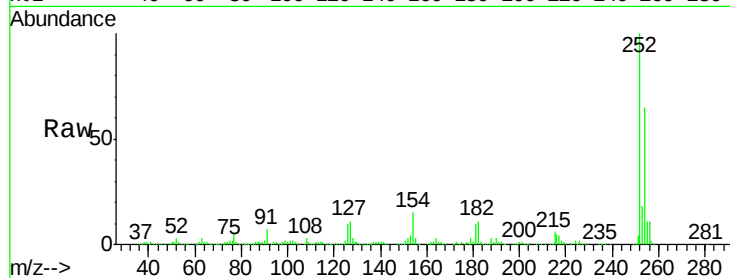




#81
 3,3'-Dichlorobenzidine
 Concen: 44.21 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

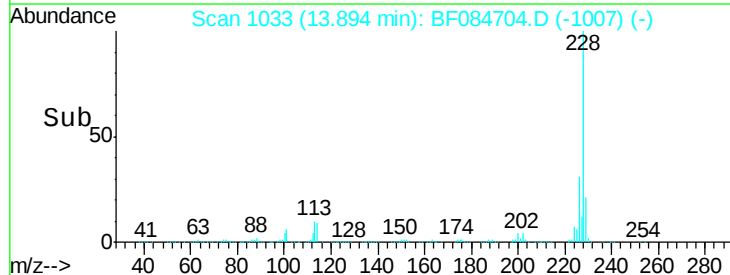
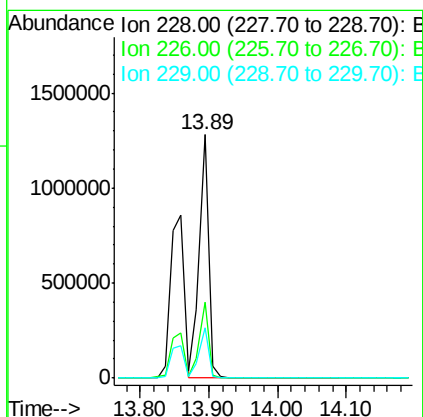
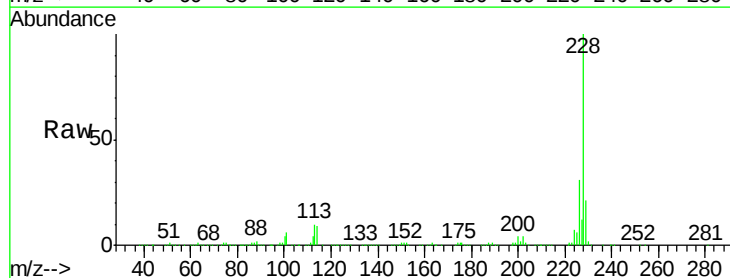
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:252 Resp: 463910
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.5 80.3
 126 10.2 4.9 7.3#



#82
 Chrysene
 Concen: 40.35 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:228 Resp: 1186296
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 20.6 16.1 24.1

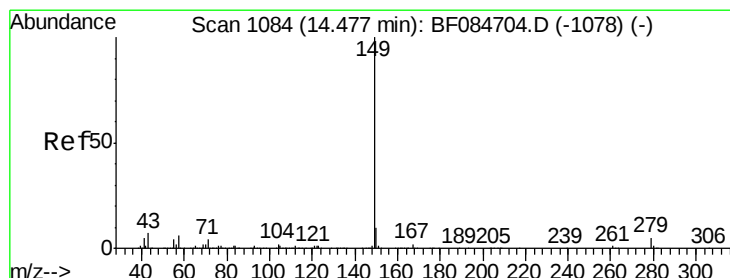
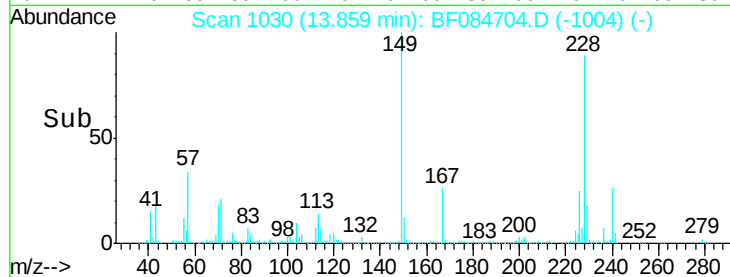
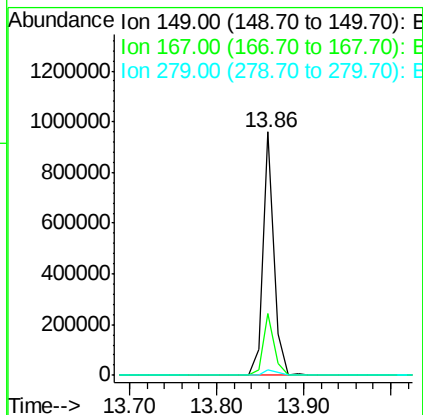
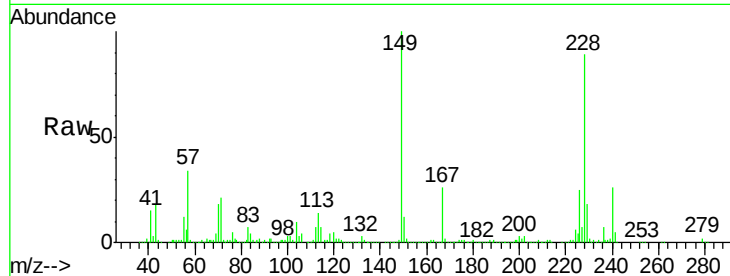




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.42 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

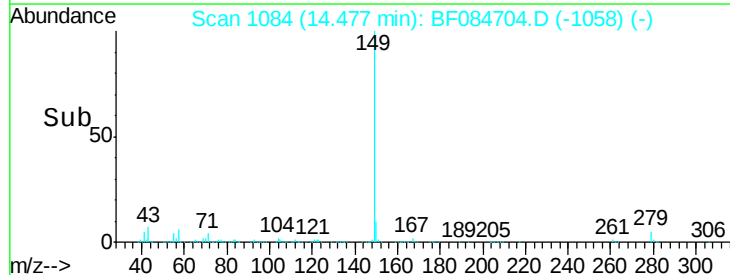
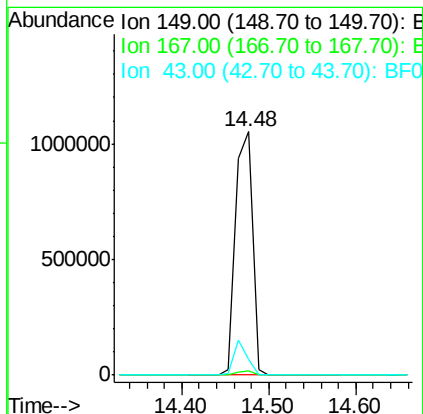
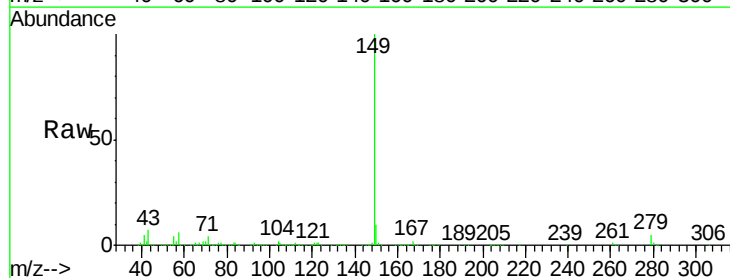
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

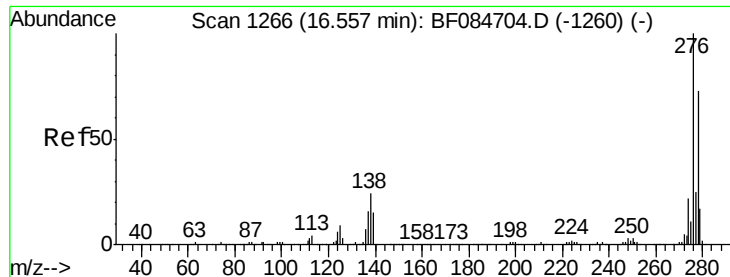
Tot Ion:149 Resp: 848270
 Ion Ratio Lower Upper
 149 100
 167 25.5 19.7 29.5
 279 2.4 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 44.47 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion:149 Resp: 1405140
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 5.6 8.4#

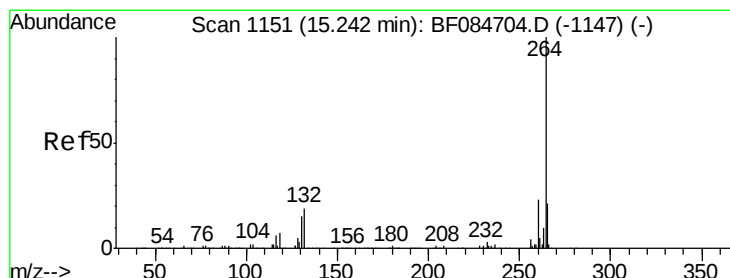
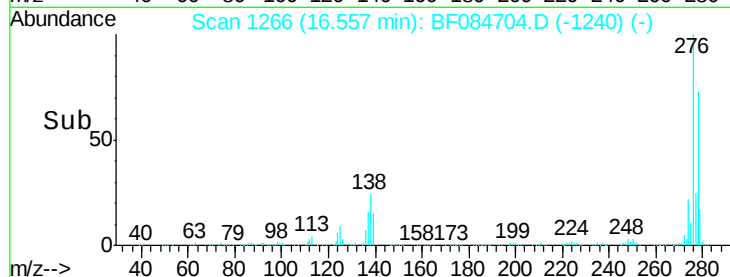
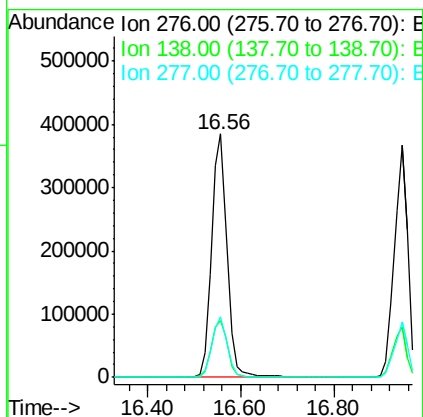
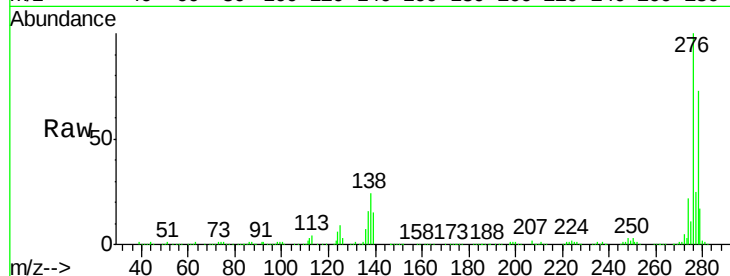




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.24 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

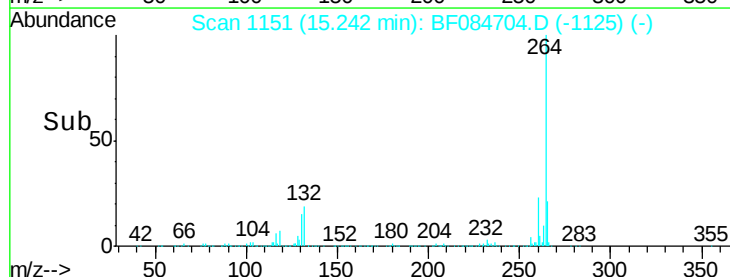
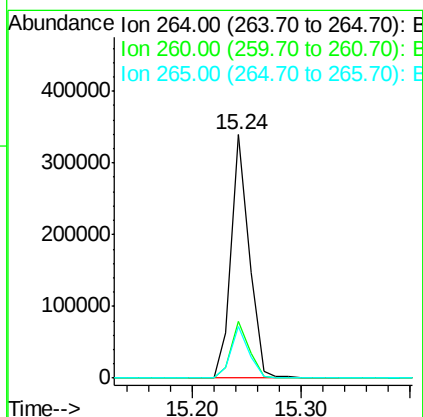
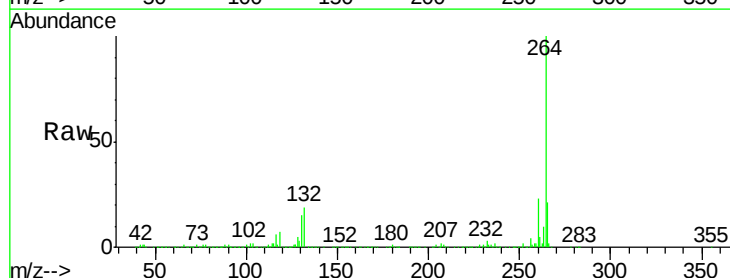
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

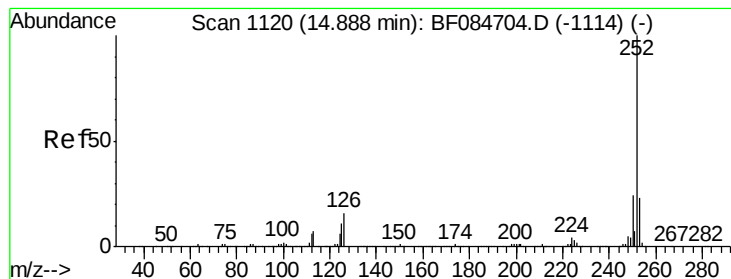
Tot Ion:276 Resp: 890027
Ion Ratio Lower Upper
276 100
138 24.7 20.6 30.8
277 24.7 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:264 Resp: 390396
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.4 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 75.72 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.02 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

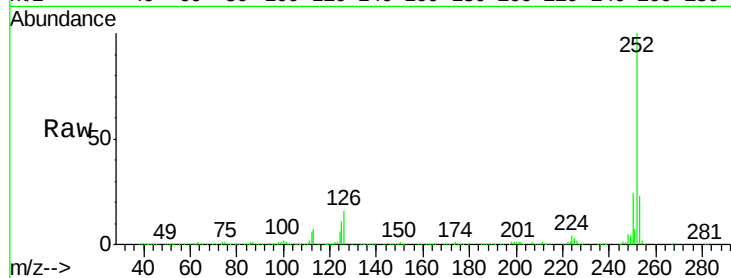
Tot Ion:252 Resp: 1914242

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

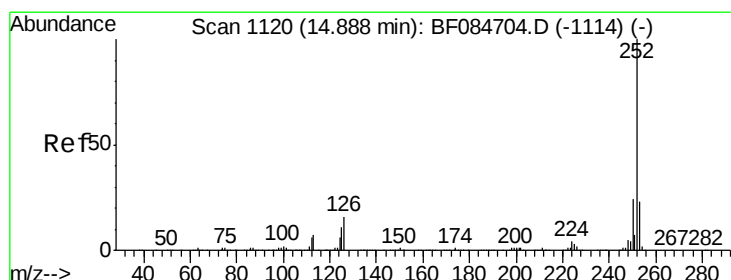
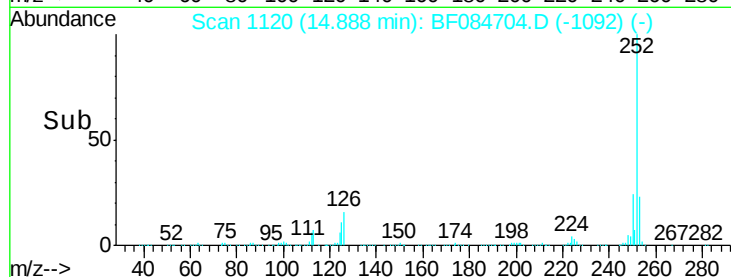
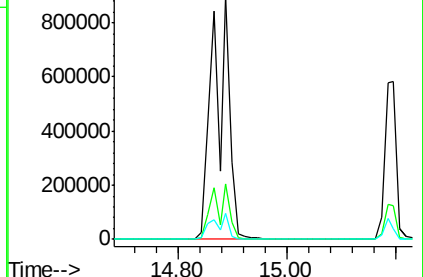
125 10.7 6.5 9.7#



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: 91.68 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

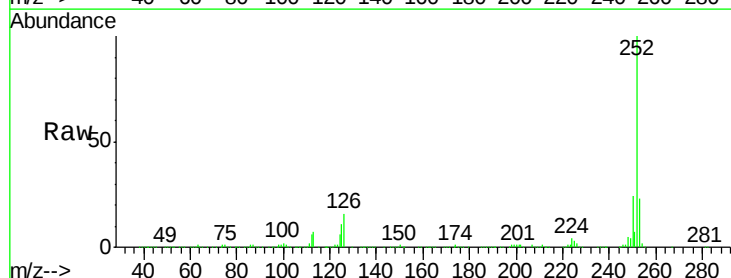
Tgt Ion:252 Resp: 1914242

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

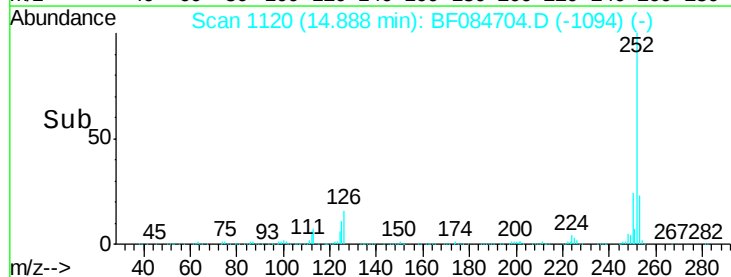
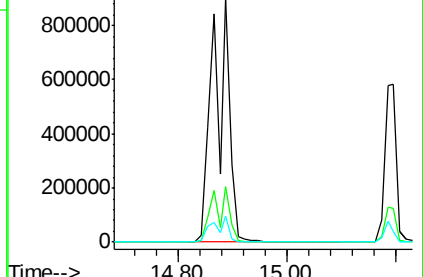
125 10.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.29 ng

RT: 15.20 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

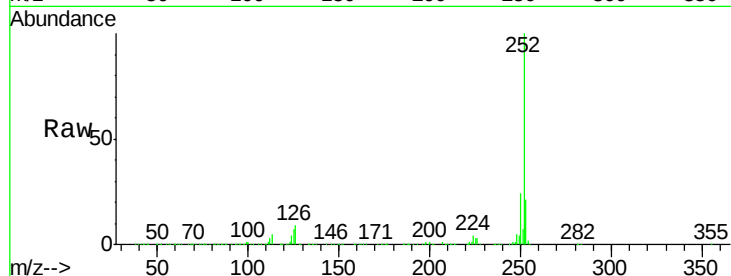
Tot Ion:252 Resp: 902822

Ion Ratio Lower Upper

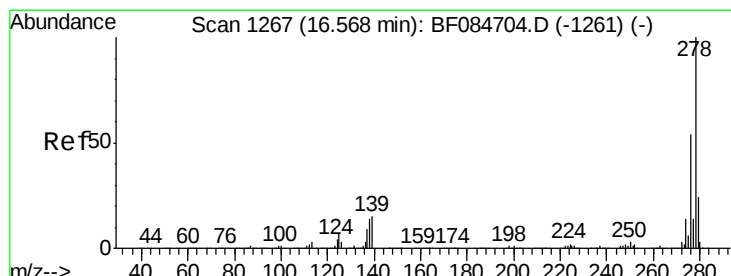
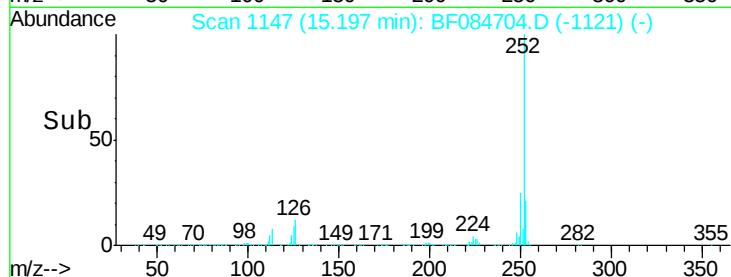
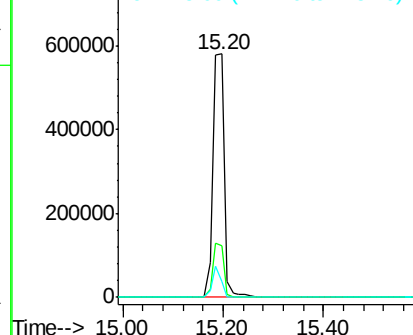
252 100

253 21.2 17.3 25.9

125 6.6 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.61 ng

RT: 16.57 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

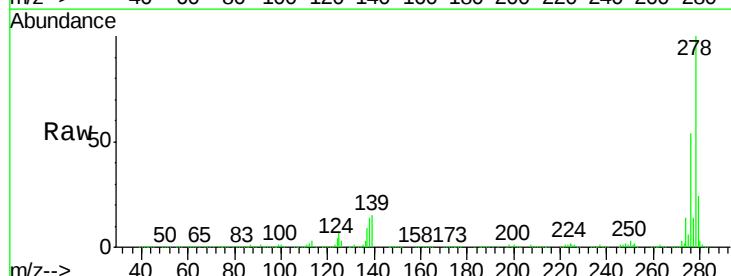
Tgt Ion:278 Resp: 741234

Ion Ratio Lower Upper

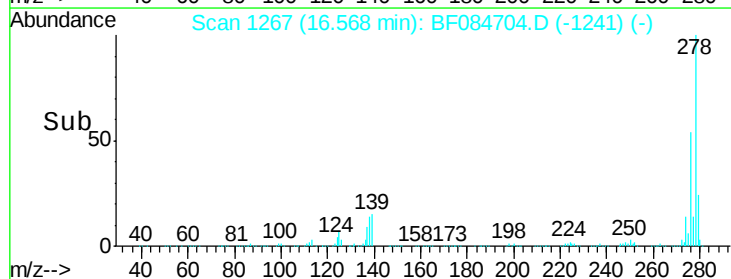
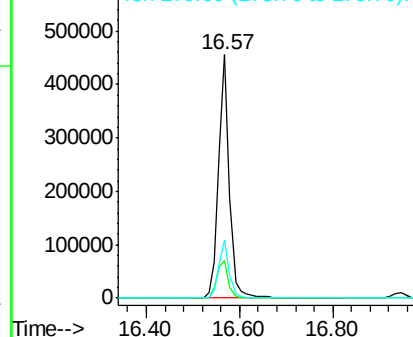
278 100

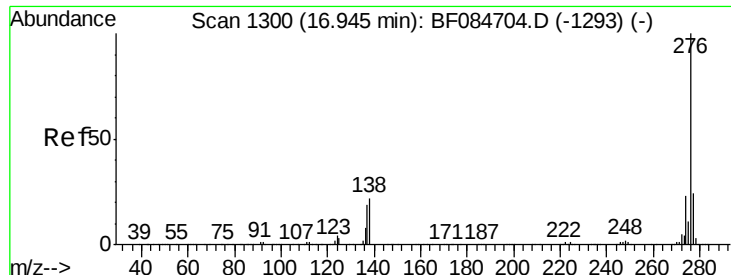
139 15.4 15.0 22.4

279 23.8 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

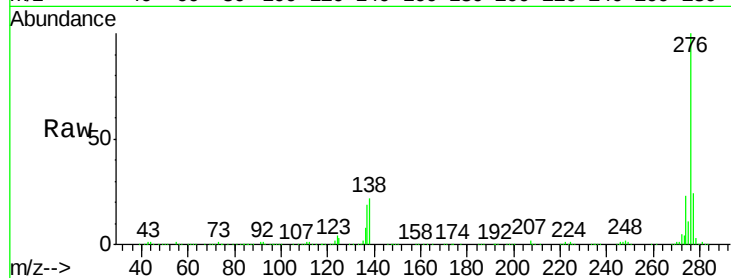




#91
 Benzo(a,h,i)perylene
 Concen: 37.55 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion: 276 Resp: 747139
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.8 28.2
 138 21.7 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

