

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084707.D
 Acq On : 1 Feb 2016 13:55
 Operator : SJ/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 01 14:21:18 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 12:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170537	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	713831	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325147	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	601433	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	432817	20.00	ng	0.00
86) Perylene-d12	15.24	264	333992	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1684088	149.07	ng	0.00
7) Phenol-d6	6.37	99	1877042	138.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1912342	149.72	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	484670	142.22	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	3101024	141.76	ng	0.00
78) Terphenyl-d14	12.82	244	2774805	144.79	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	359382	68.22	ng	# 75
3) Pyridine	2.89	79	1073412	76.48	ng	# 74
4) n-Nitrosodimethylamine	2.85	42	522732	76.18	ng	# 78
6) Aniline	6.38	93	1236057	71.11	ng	# 63
8) 2-Chlorophenol	6.51	128	927730	74.03	ng	# 93
9) Benzaldehyde	6.26	77	517838	66.04	ng	# 98
10) Phenol	6.38	94	978515	64.84	ng	# 63
11) bis(2-Chloroethyl)ether	6.46	93	922978	78.64	ng	# 86
12) 1,3-Dichlorobenzene	6.66	146	1013088	75.46	ng	# 99
13) 1,4-Dichlorobenzene	6.66	146	1013088	76.89	ng	# 94
14) 1,2-Dichlorobenzene	6.89	146	817839	67.41	ng	# 97
15) Benzyl Alcohol	6.88	79	695291	75.44	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1440508	71.71	ng	# 84
17) 2-Methylphenol	6.99	107	713708	73.47	ng	# 90
18) Hexachloroethane	7.23	117	392065	76.06	ng	# 93
19) n-Nitroso-di-n-propylamine	7.15	70	631955	76.41	ng	# 75
20) 3+4-Methylphenols	7.15	107	765556	64.94	ng	# 81
22) Acetophenone	7.14	105	1260139	67.59	ng	# 98
24) Nitrobenzene	7.31	77	865896	63.78	ng	# 96
25) Isophorone	7.56	82	1805360	75.44	ng	# 96
26) 2-Nitrophenol	7.63	139	529112	81.96	ng	# 90
27) 2,4-Dimethylphenol	7.68	122	797755	70.52	ng	# 95
28) bis(2-Chloroethoxy)methane	7.77	93	1021723	71.14	ng	# 98
29) 2,4-Dichlorophenol	7.87	162	670142	67.73	ng	# 96
30) 1,2,4-Trichlorobenzene	7.95	180	814135	71.95	ng	# 96
31) Naphthalene	8.03	128	2594191	71.99	ng	# 98
32) Benzoic acid	7.85	122	654027	75.31	ng	# 93
33) 4-Chloroaniline	8.09	127	1109347	75.70	ng	# 93
34) Hexachlorobutadiene	8.14	225	436206	65.23	ng	# 98
35) Caprolactam	8.49	113	226450	79.75	ng	# 49
36) 4-Chloro-3-methylphenol	8.58	107	751641	68.99	ng	# 95
37) 2-Methylnaphthalene	8.72	142	1416689	64.05	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	778215	73.80	ng	# 99
40) Hexachlorocyclopentadiene	8.88	237	367114	76.57	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	483677	73.84	nq	94
43) 2,4,5-Trichlorophenol	9.05	196	495619	73.28	nq #	86
45) 1,1'-Biphenyl	9.18	154	1811405	60.78	nq	98
46) 2-Chloronaphthalene	9.21	162	1434321	65.97	nq	95
47) 2-Nitroaniline	9.31	65	533888	81.76	nq	95
48) Acenaphthylene	9.62	152	2025640	61.49	nq	96
49) Dimethylphthalate	9.50	163	1887611	77.35	nq #	91
50) 2,6-Dinitrotoluene	9.56	165	449551	83.73	nq	99
51) Acenaphthene	9.79	154	1436017	65.10	nq	97
52) 3-Nitroaniline	9.72	138	421630	75.15	nq	92
53) 2,4-Dinitrophenol	9.82	184	202936	76.60	nq #	74
54) Dibenzofuran	9.96	168	1621347	61.59	nq	91
55) 4-Nitrophenol	9.90	139	383681	93.10	nq	95
56) 2,4-Dinitrotoluene	9.96	165	546223	78.31	nq #	88
57) Fluorene	10.30	166	1390453	62.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	407952	79.78	nq	93
59) Diethylphthalate	10.19	149	1587729	66.46	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	767709	76.63	nq #	87
61) 4-Nitroaniline	10.34	138	451696	85.06	nq	94
62) Azobenzene	10.46	77	1721330	75.28	nq	91
64) 4,6-Dinitro-2-methylphenol	10.37	198	334683	85.20	nq	76
65) n-Nitrosodiphenylamine	10.42	169	1338966	68.66	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	455002	67.17	nq #	77
67) Hexachlorobenzene	10.85	284	558518	75.80	nq	98
68) Atrazine	10.96	200	407455	69.74	nq	98
69) Pentachlorophenol	11.05	266	295335	82.97	nq	97
70) Phenanthrene	11.27	178	2463647	74.08	nq	95
71) Anthracene	11.31	178	2201906	65.12	nq	98
72) Carbazole	11.47	167	1873759	64.30	nq	98
73) Di-n-butylphthalate	11.81	149	2774564	78.29	nq #	97
74) Fluoranthene	12.44	202	2173778	66.11	nq	98
76) Benzidine	12.57	184	924033	56.13	nq #	95
77) Pyrene	12.67	202	2164194	66.29	nq	97
79) Butylbenzylphthalate	13.30	149	1071979	76.87	nq	92
80) Benzo(a)anthracene	13.86	228	1774116	65.76	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	651569	68.63	nq #	94
82) Chrysene	13.89	228	1697201	63.82	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	1287193	71.15	nq	98
84) Di-n-octyl phthalate	14.48	149	2288992	80.08	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.57	276	1605272	68.27	nq	99
87) Benzo(b)fluoranthene	14.90	252	3076427	142.25	nq #	97
88) Benzo(k)fluoranthene	14.90	252	3077962	172.30	nq #	96
89) Benzo(a)pyrene	15.20	252	1409764	75.35	nq #	96
90) Dibenzo(a,h)anthracene	16.58	278	1308710	77.62	nq #	95
91) Benzo(g,h,i)perylene	16.96	276	1384956	81.36	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. -0.01 min

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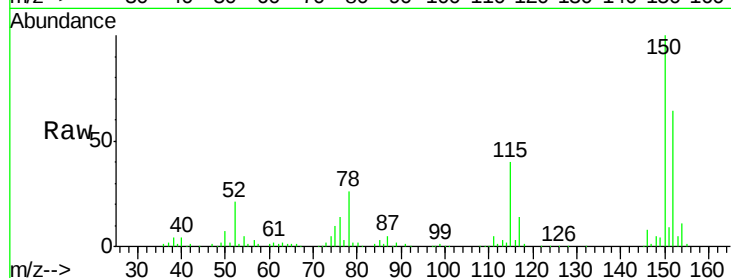
Tot Ion:152 Resp: 170537

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

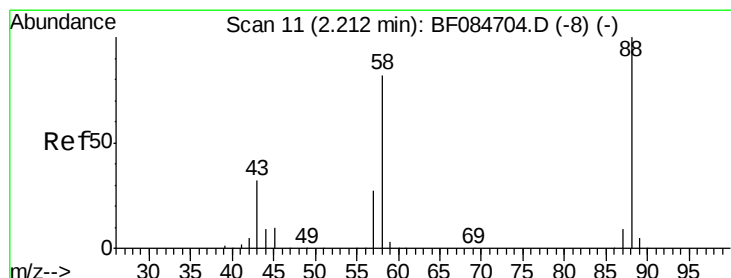
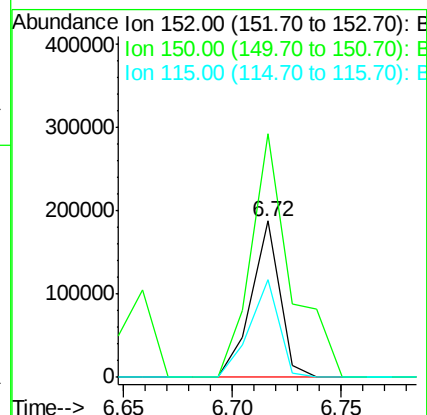
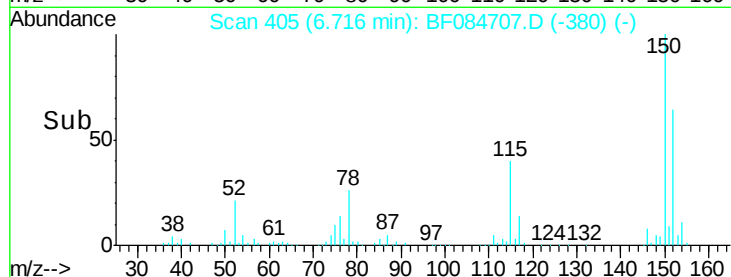
115 62.3 51.4 77.2



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: 68.22 ng

RT: 2.21 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

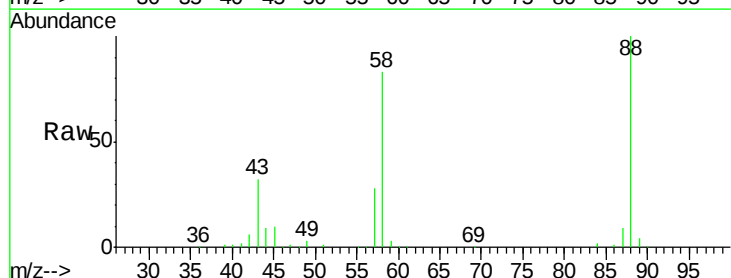
Tgt Ion: 88 Resp: 359382

Ion Ratio Lower Upper

88 100

58 85.3 51.2 76.8#

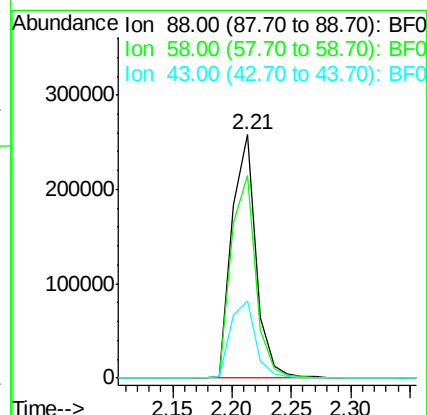
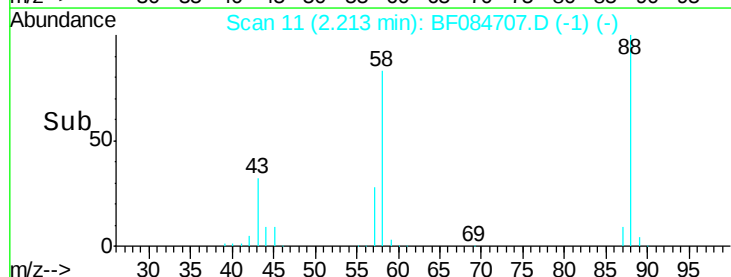
43 33.4 19.5 29.3#

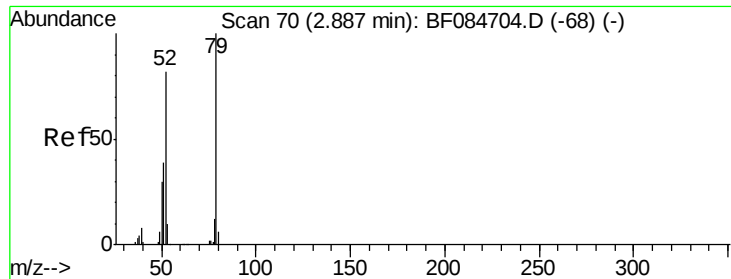


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 76.48 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.02 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

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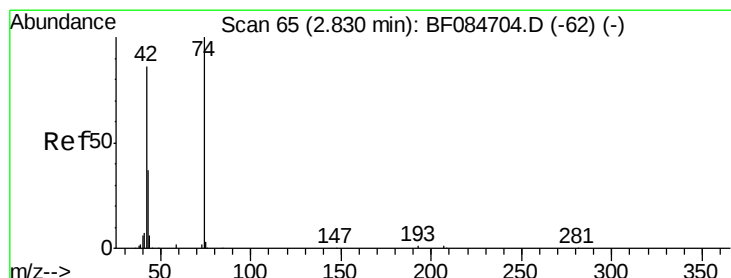
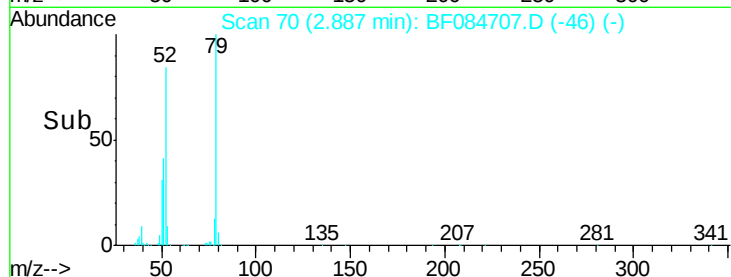
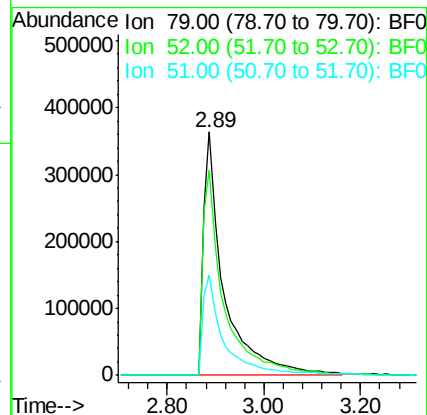
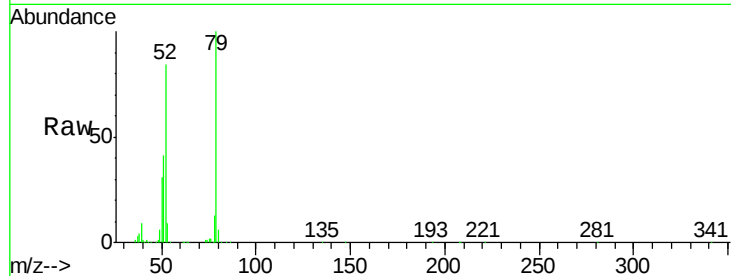
Tot Ion: 79 Resp: 1073412

Ion Ratio Lower Upper

79 100

52 84.4 49.0 73.4#

51 41.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 76.18 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

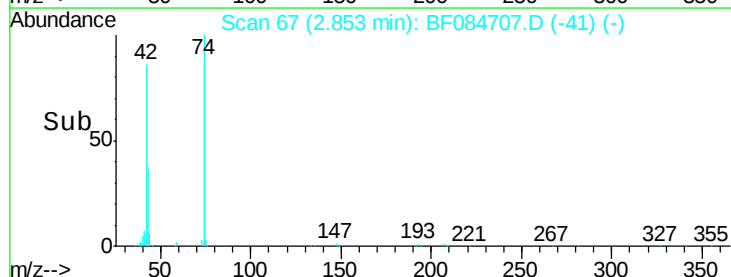
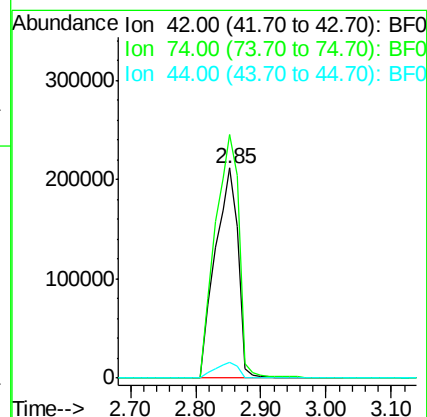
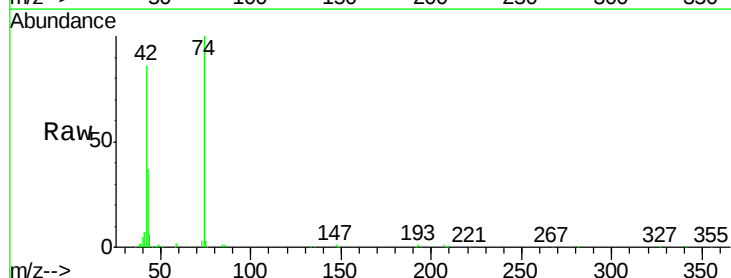
Tgt Ion: 42 Resp: 522732

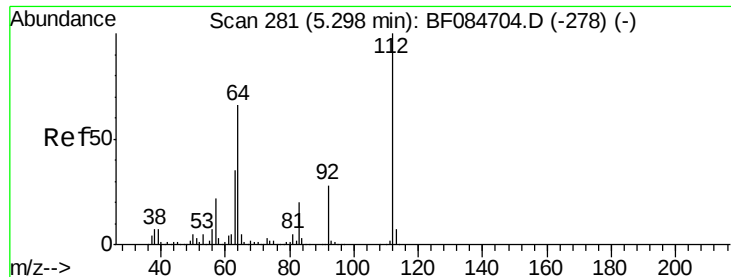
Ion Ratio Lower Upper

42 100

74 115.9 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 149.07 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

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SSTDIC080

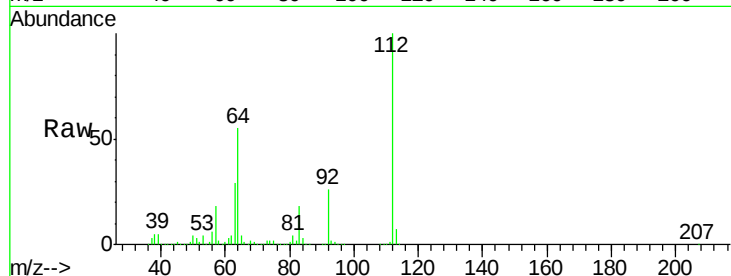
Tot Ion:112 Resp: 1684088

Ion Ratio Lower Upper

112 100

64 54.8 36.6 55.0

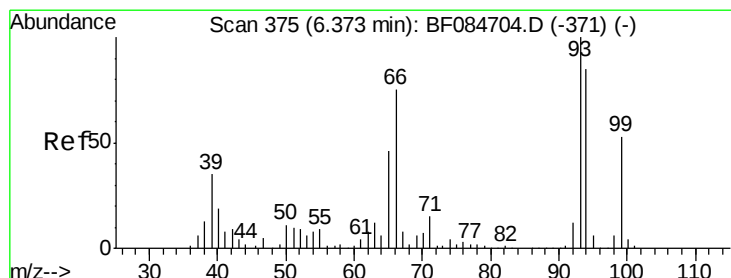
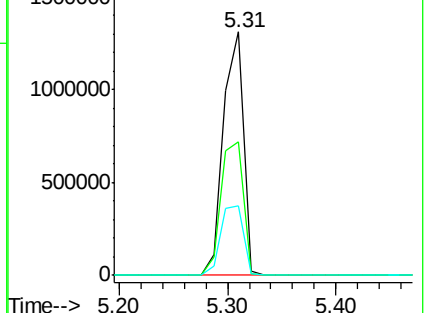
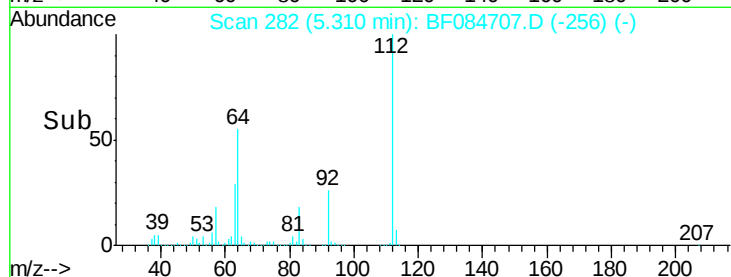
63 28.6 19.4 29.0



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: 71.11 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

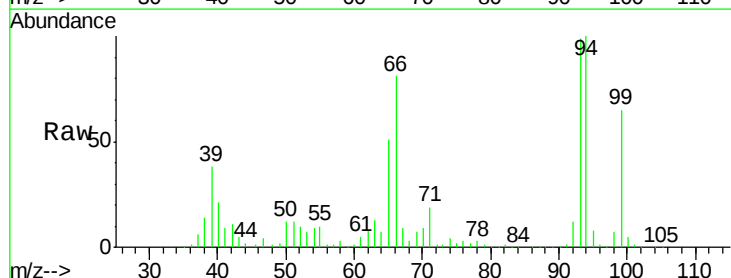
Tgt Ion: 93 Resp: 1236057

Ion Ratio Lower Upper

93 100

66 82.2 44.9 67.3#

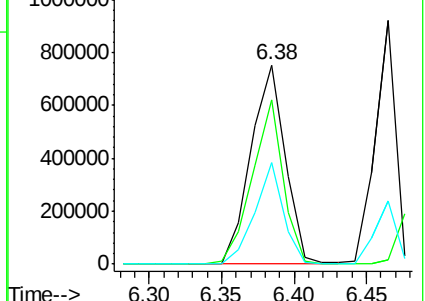
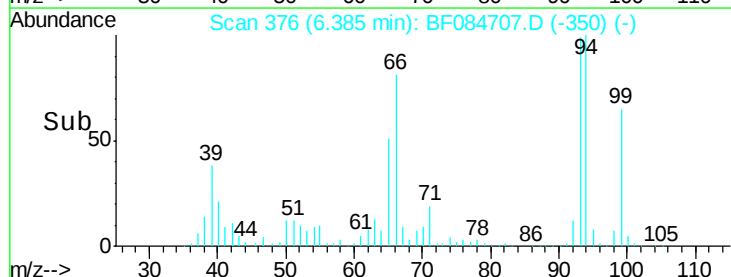
65 51.1 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.62 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

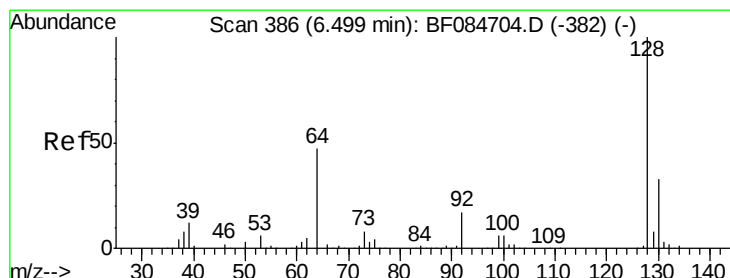
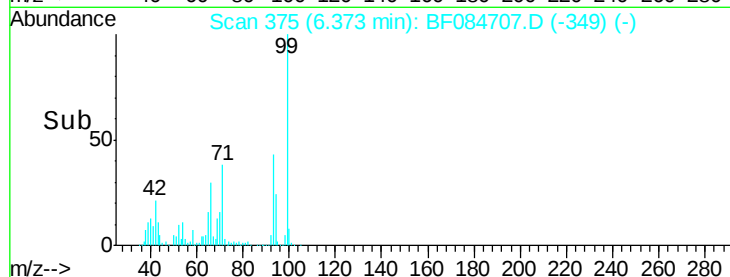
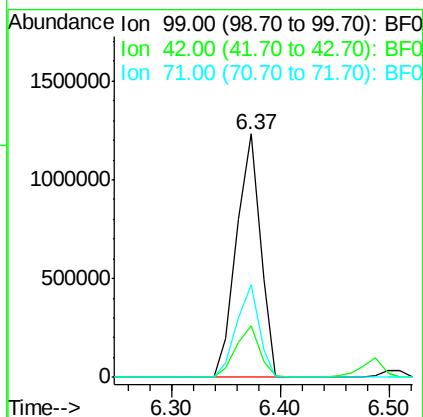
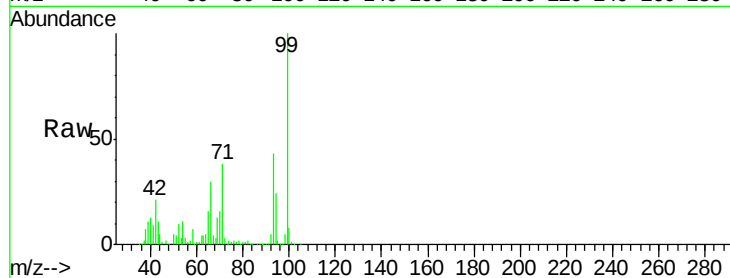
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Tot Ion: 99 Resp: 1877042

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	38.1	30.9	46.3



#8

2-Chlorophenol

Concen: 74.03 ng

RT: 6.51 min Scan# 387

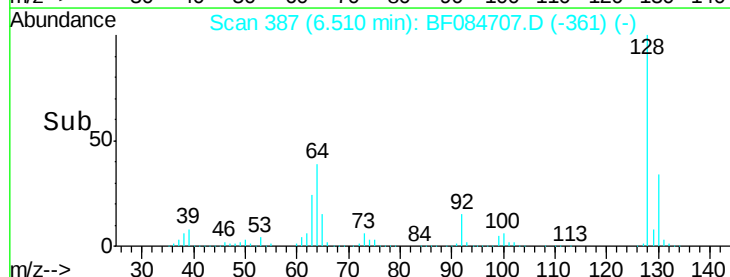
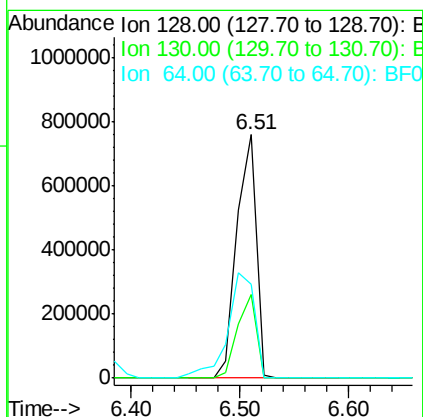
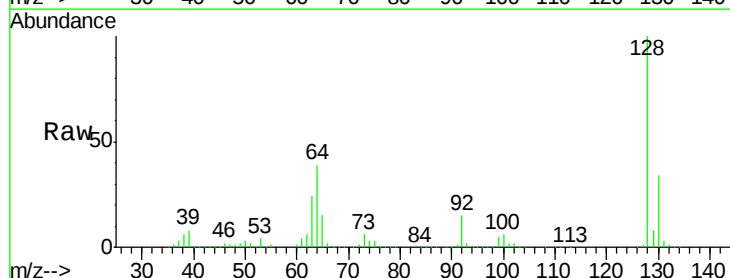
Delta R.T. 0.00 min

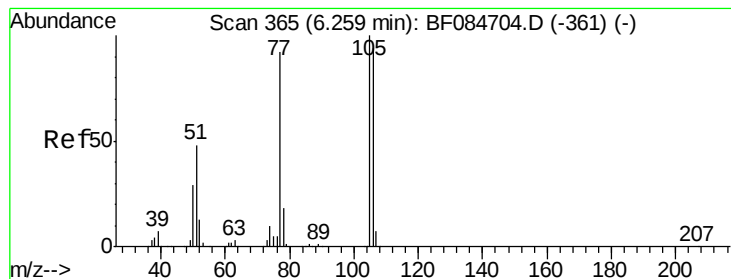
Lab File: BF084707.D

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Tgt Ion: 128 Resp: 927730

Ion	Ratio	Lower	Upper
128	100		
130	34.5	11.6	51.6
64	38.6	23.8	63.8





#9

Benzaldehyde

Concen: 66.04 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

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ClientSampleId :

SSTDIC080

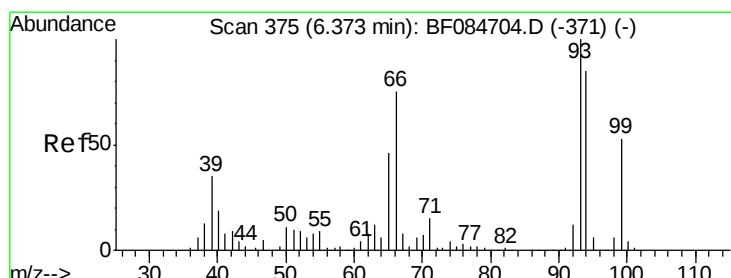
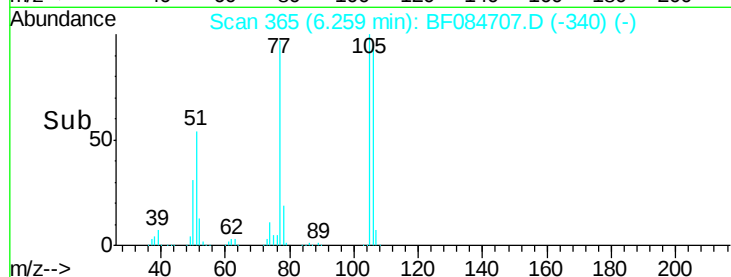
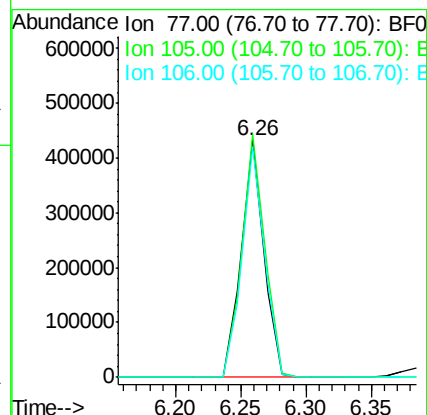
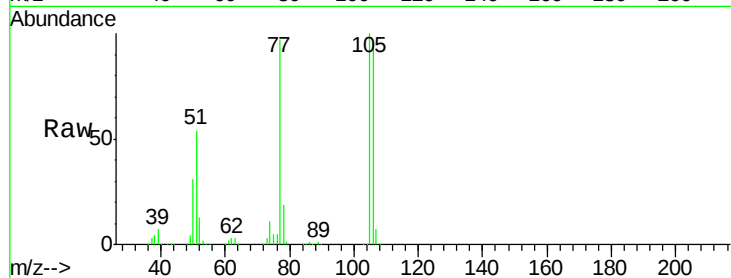
Tot Ion: 77 Resp: 517838

Ion Ratio Lower Upper

77 100

105 102.8 83.0 123.0

106 97.5 74.6 114.6



#10

Phenol

Concen: 64.84 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

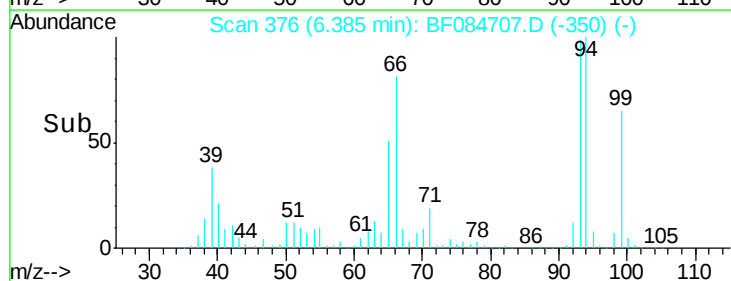
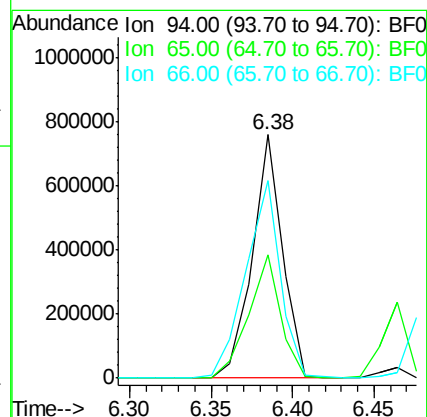
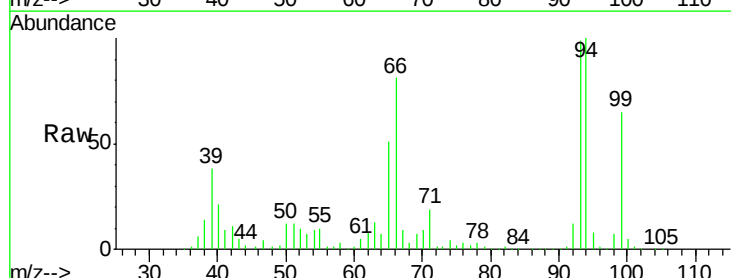
Tgt Ion: 94 Resp: 978515

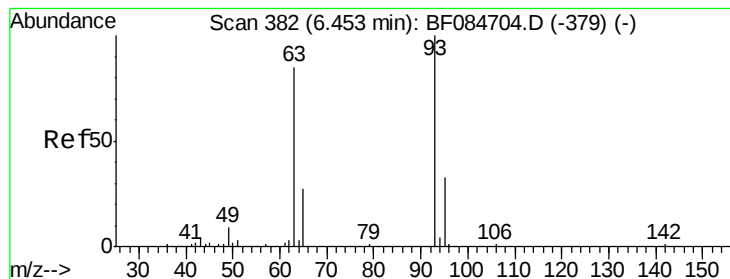
Ion Ratio Lower Upper

94 100

65 50.6 12.9 52.9

66 81.4 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 78.64 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

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SSTDIC080

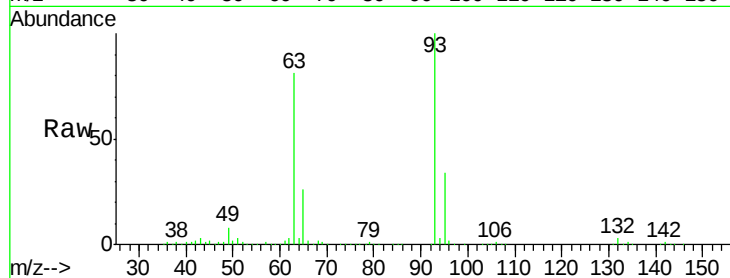
Tot Ion: 93 Resp: 922978

Ion Ratio Lower Upper

93 100

63 81.4 45.9 85.9

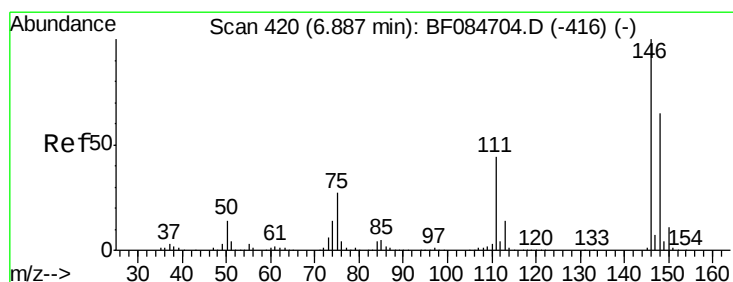
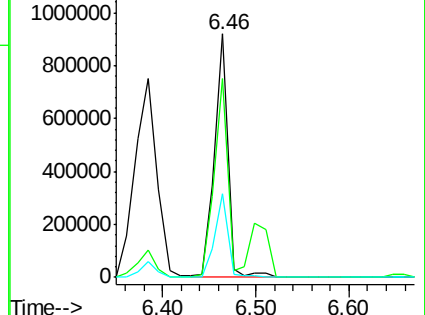
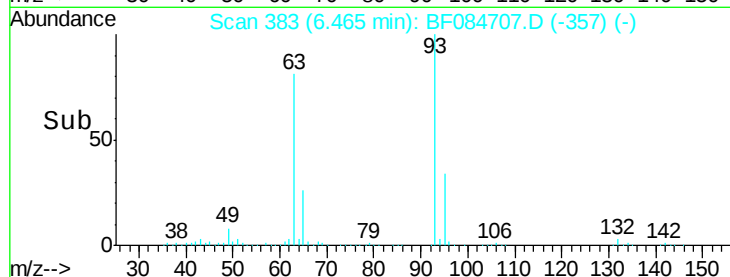
95 34.1 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 75.46 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

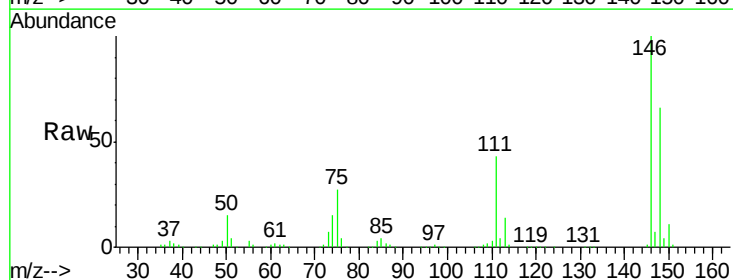
Tgt Ion: 146 Resp: 1013088

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

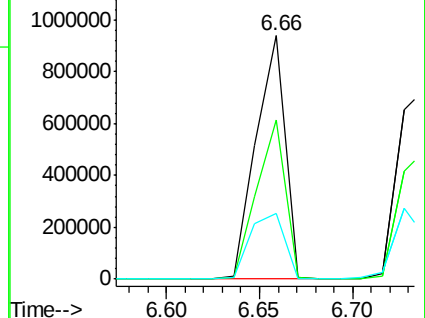
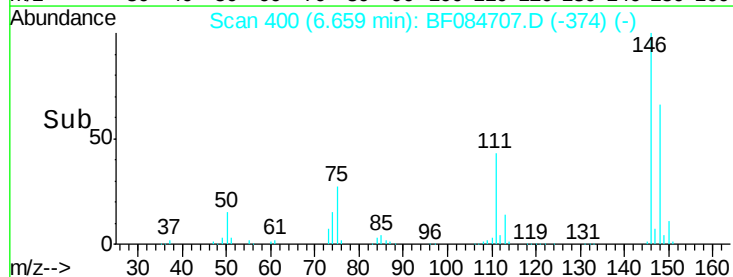
75 26.8 20.5 30.7

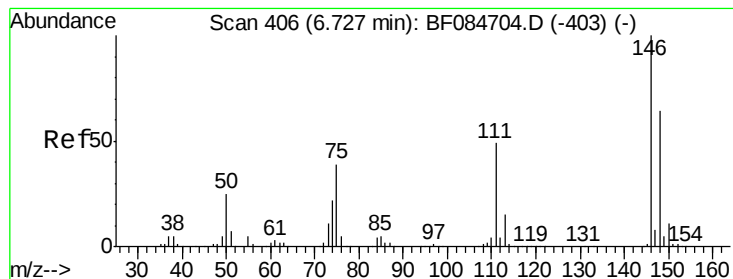


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 76.89 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.08 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

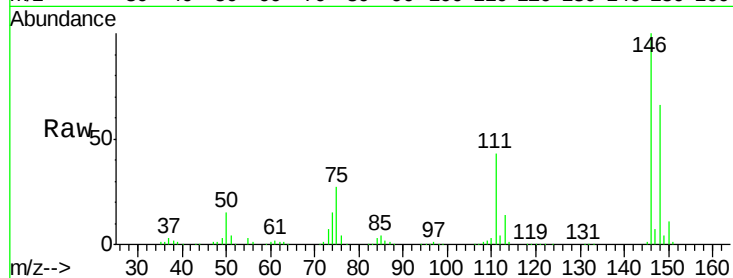
Tot Ion:146 Resp: 1013088

Ion Ratio Lower Upper

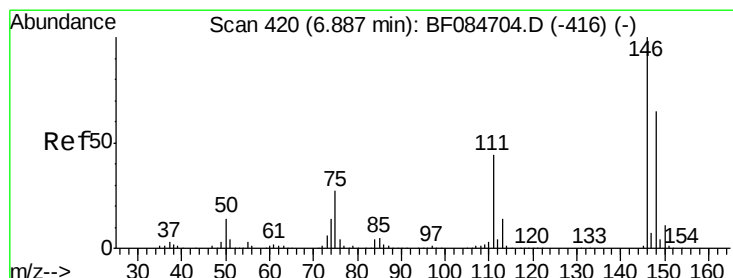
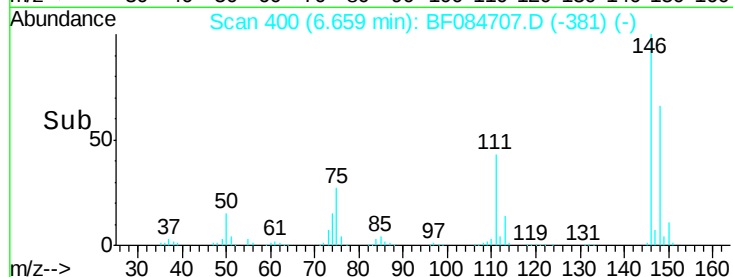
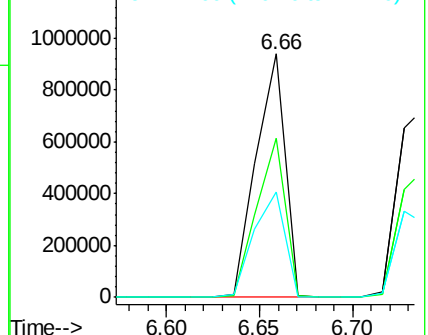
146 100

148 65.6 51.9 77.9

111 43.0 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: 67.41 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

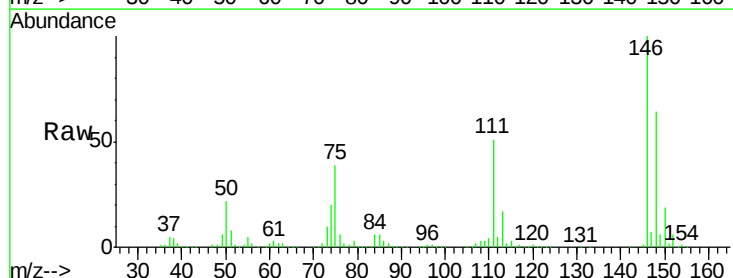
Tgt Ion:146 Resp: 817839

Ion Ratio Lower Upper

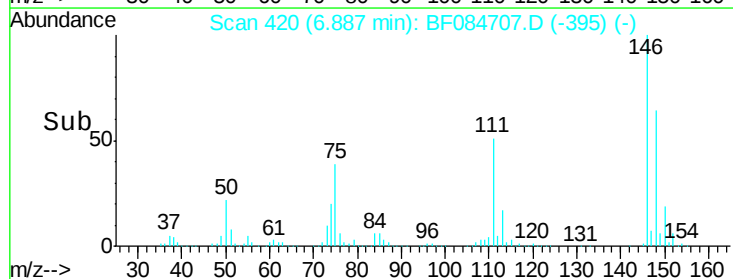
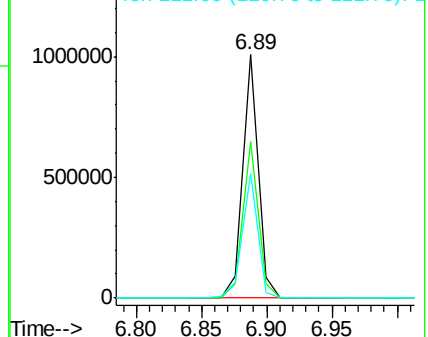
146 100

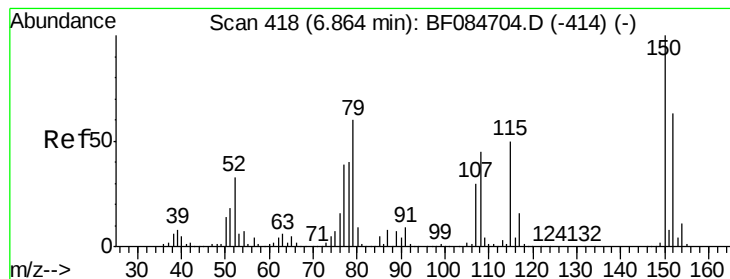
148 64.1 51.6 77.4

111 51.2 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: 75.44 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

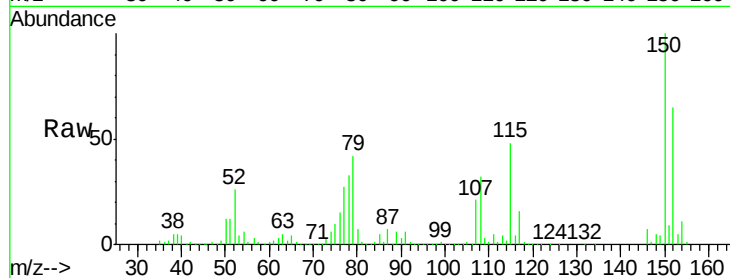
Tot Ion: 79 Resp: 695291

Ion Ratio Lower Upper

79 100

108 75.6 69.0 103.4

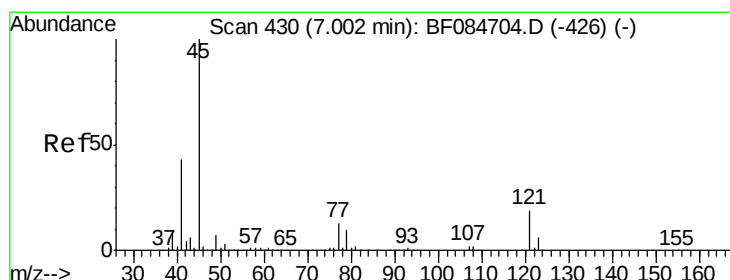
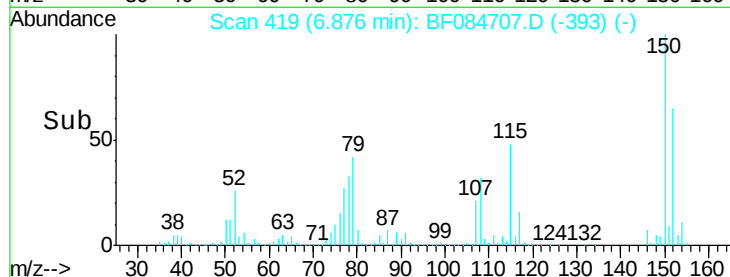
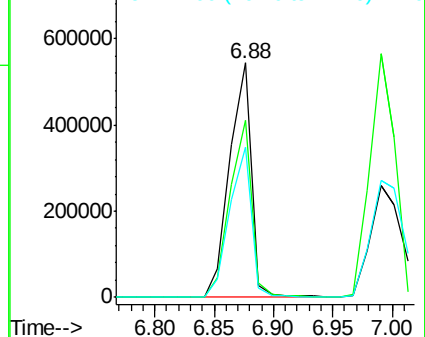
77 64.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.71 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

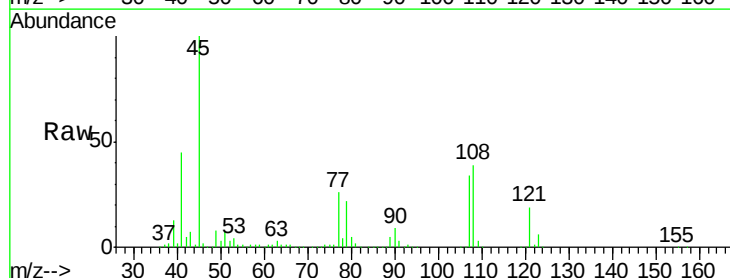
Tgt Ion: 45 Resp: 1440508

Ion Ratio Lower Upper

45 100

77 26.3 0.0 39.6

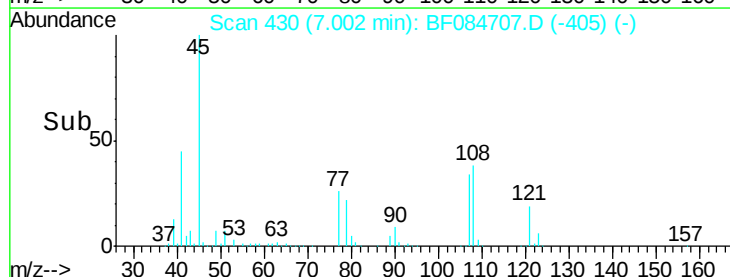
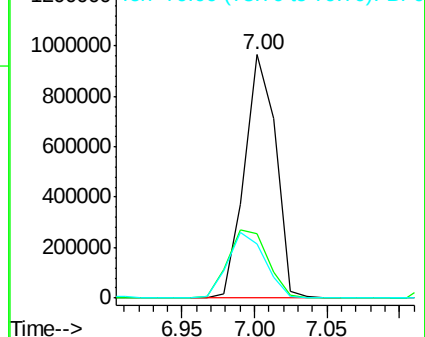
79 22.3 0.0 35.0

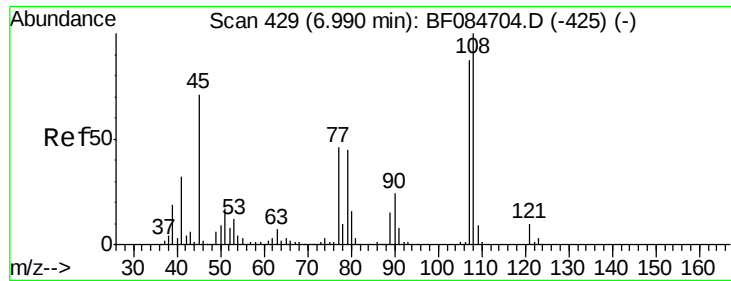


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 73.47 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 713708

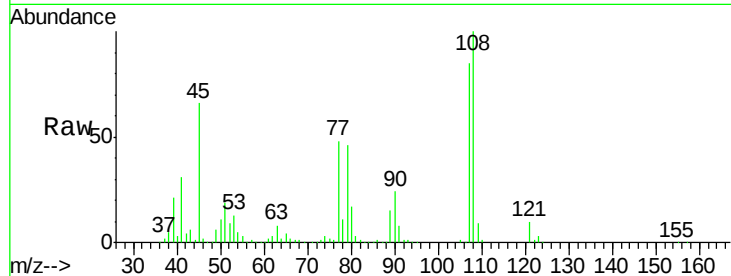
Ion Ratio Lower Upper

107 100

108 117.6 89.8 134.6

77 56.5 35.7 53.5#

79 54.1 35.7 53.5#



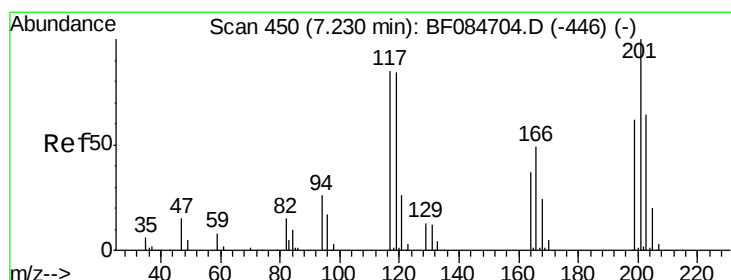
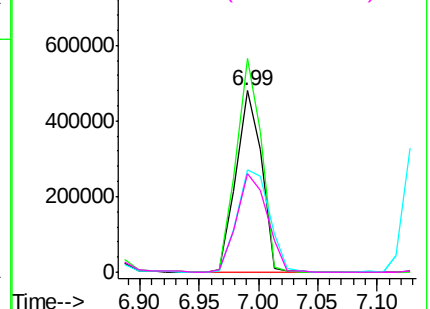
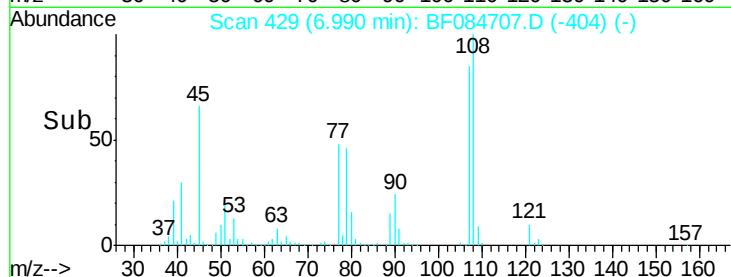
Abundance

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: 76.06 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

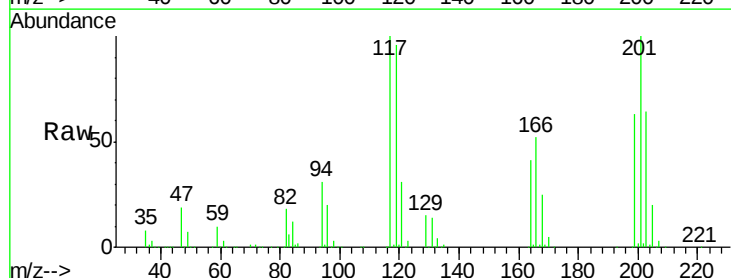
Tgt Ion:117 Resp: 392065

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

201 99.5 68.6 103.0

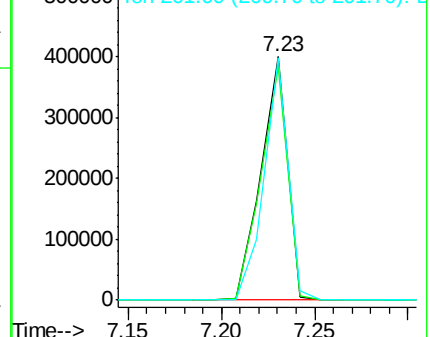
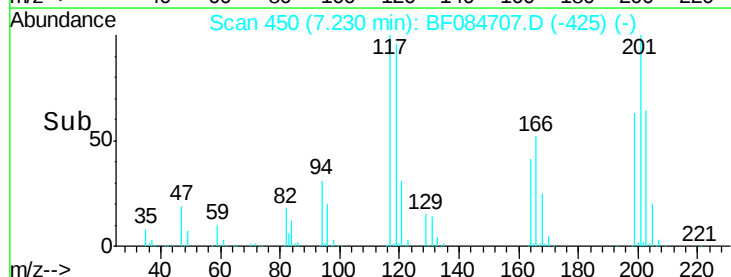


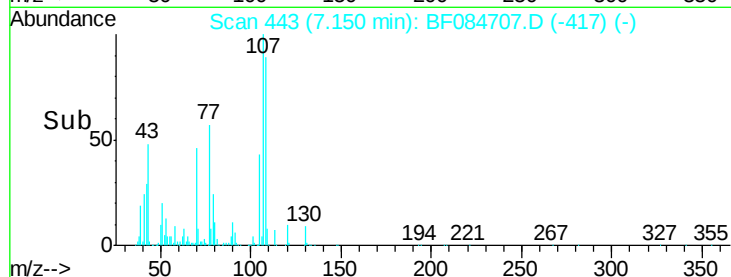
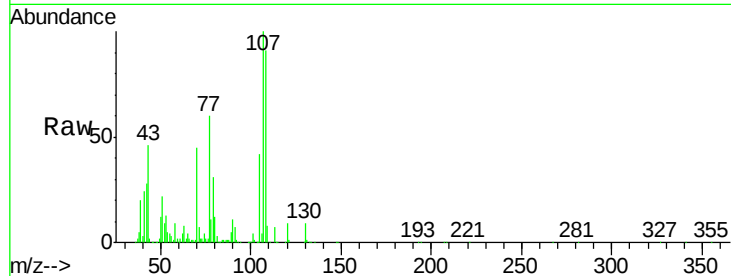
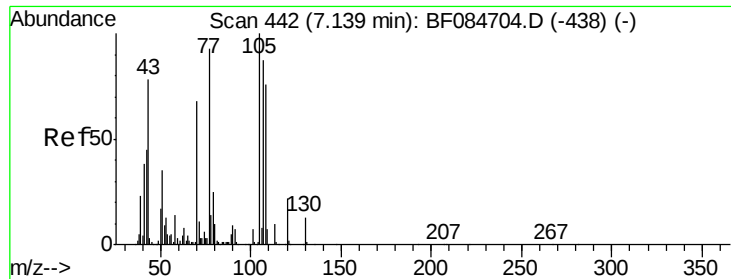
Abundance

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

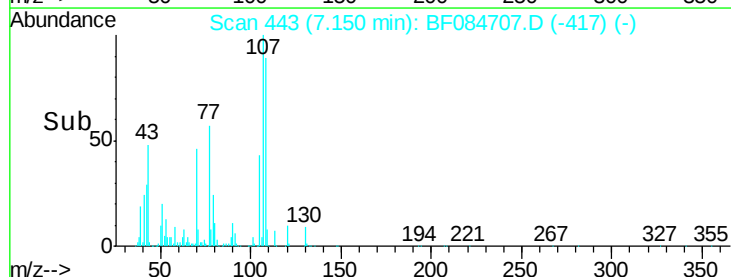
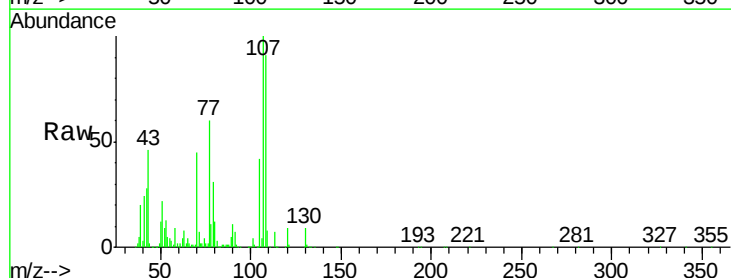
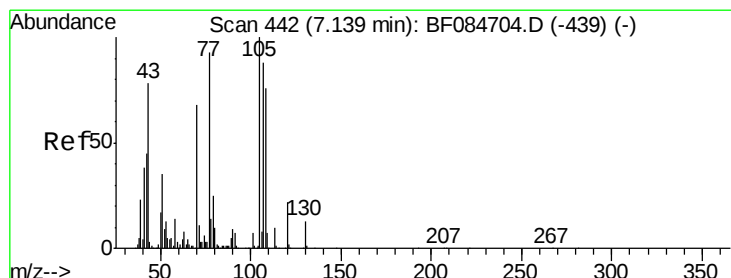
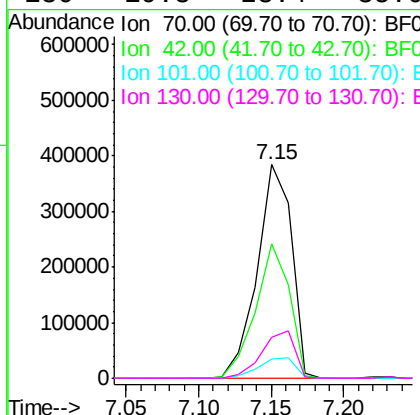




#19
n-Nitroso-di-n-propylamine
Concen: 76.41 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

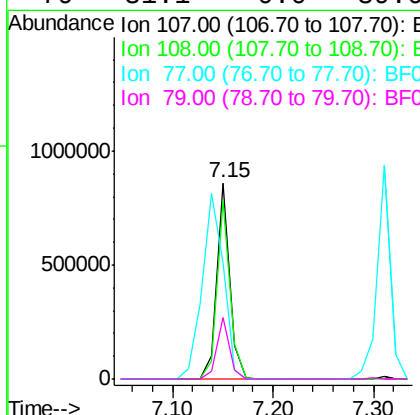
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	33.3	49.9#
101	8.8	9.3	13.9#
130	19.3	23.4	35.0#



#20
3+4-Methylphenols
Concen: 64.94 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	74.6	114.6
77	59.6	0.7	40.7#
79	31.1	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:136 Resp: 713831

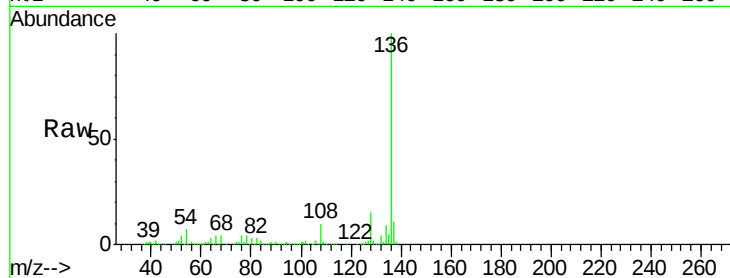
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.6 5.8 8.8

68 4.1 4.2 6.2#

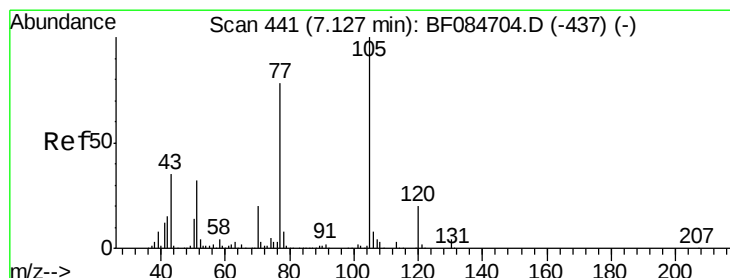
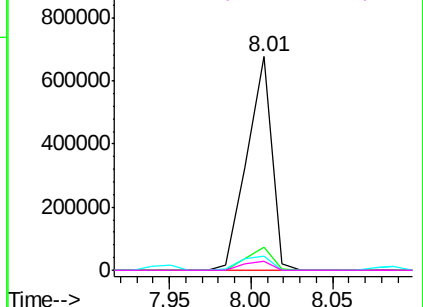
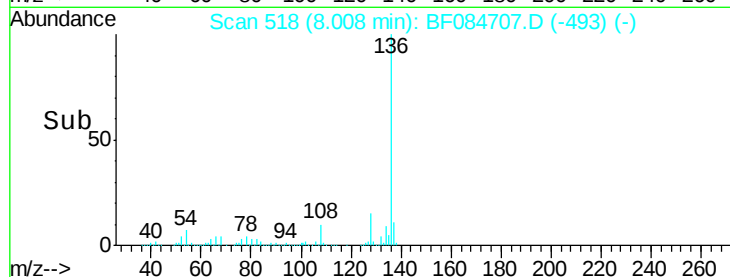


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.59 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:105 Resp: 1260139

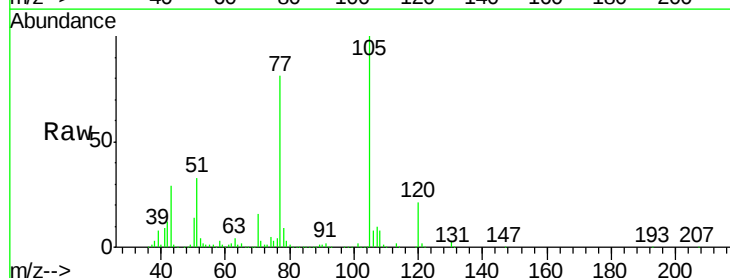
Ion Ratio Lower Upper

105 100

71 2.6 3.7 5.5#

51 33.0 25.1 37.7

120 20.7 16.6 25.0

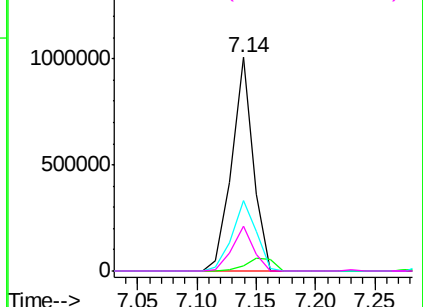
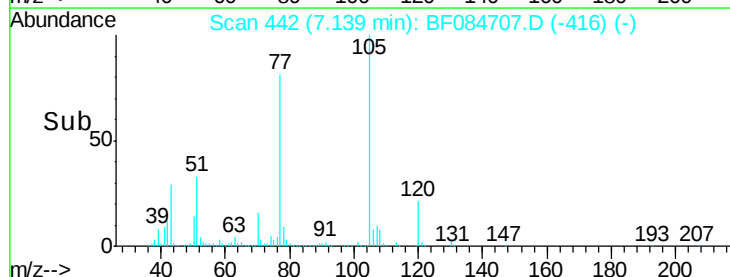


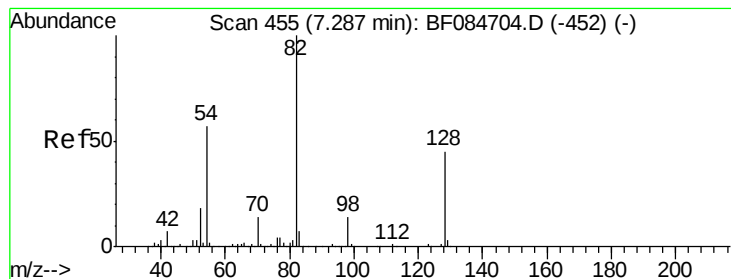
Abundance Ion 105.00 (104.70 to 105.70): E

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: 149.72 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

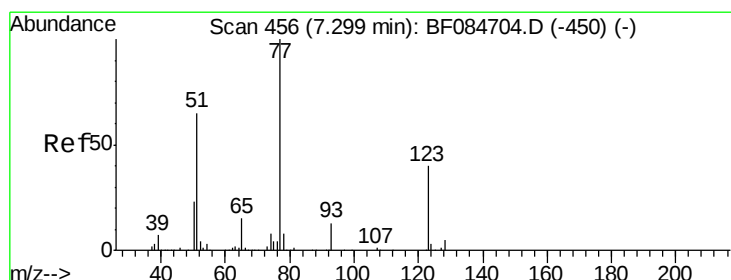
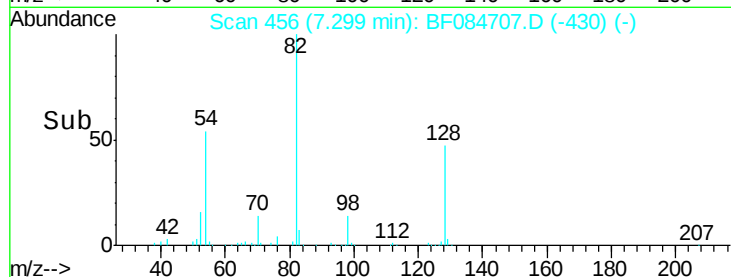
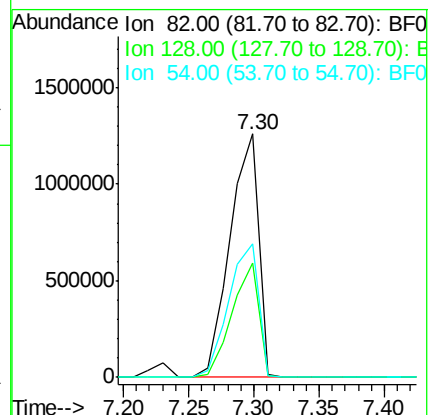
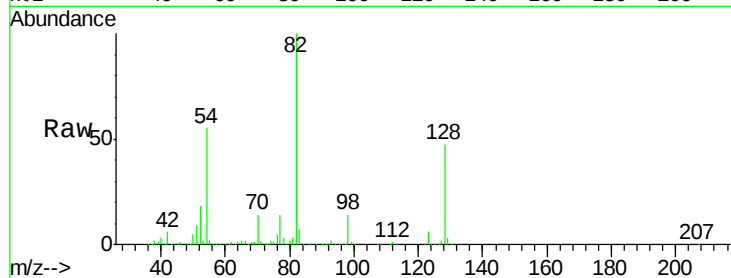
Tot Ion: 82 Resp: 1912342

Ion Ratio Lower Upper

82 100

128 47.2 34.6 51.8

54 54.7 38.4 57.6



#24

Nitrobenzene

Concen: 63.78 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

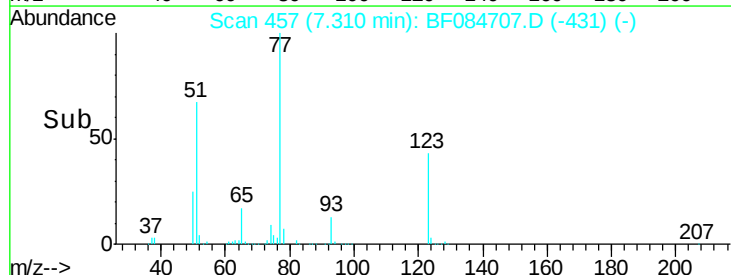
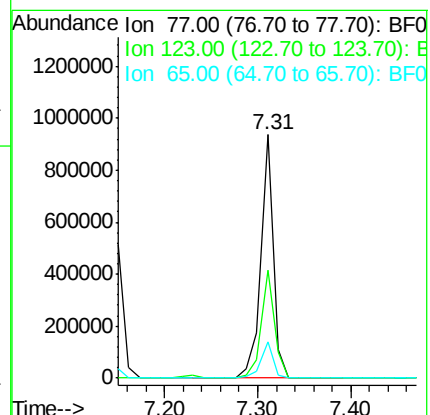
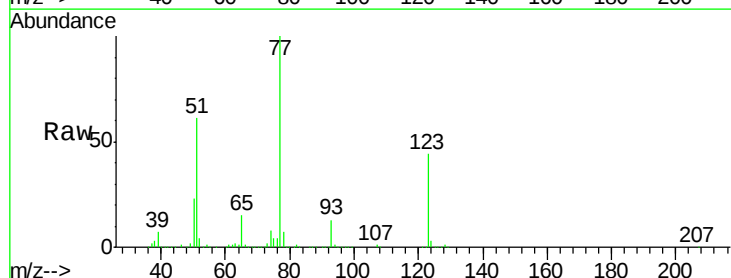
Tgt Ion: 77 Resp: 865896

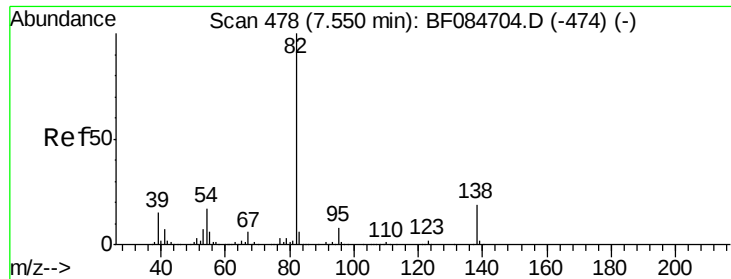
Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.2

65 15.1 10.9 16.3





#25

Isophorone

Concen: 75.44 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

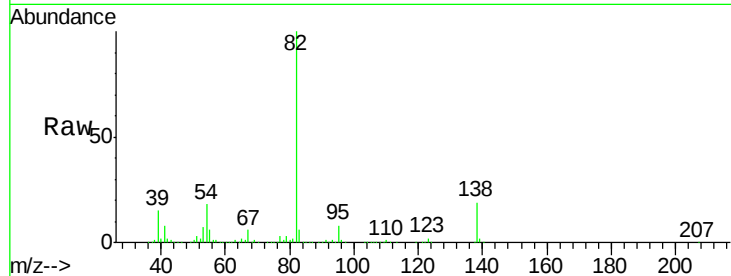
Tot Ion: 82 Resp: 1805360

Ion Ratio Lower Upper

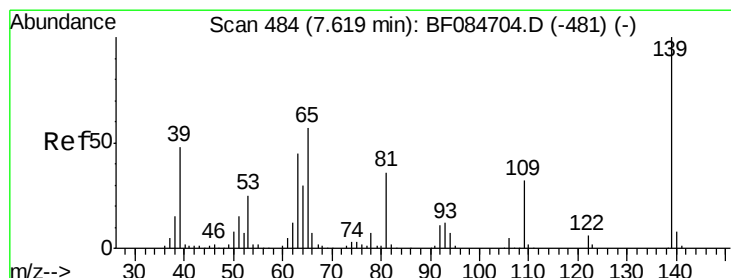
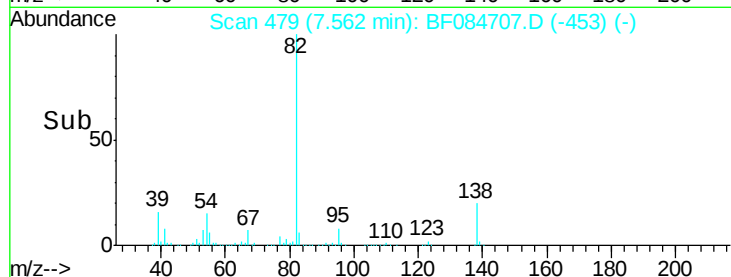
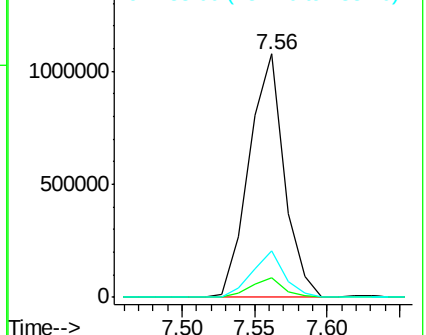
82 100

95 7.8 6.6 10.0

138 19.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 81.96 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

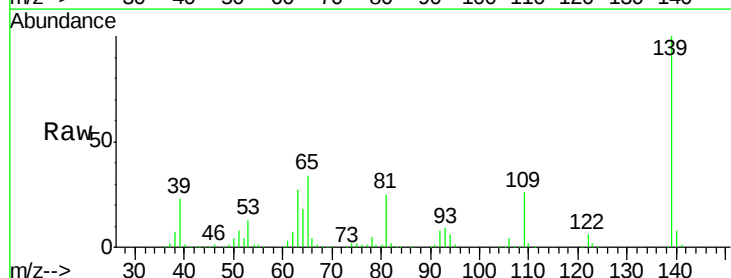
Tgt Ion:139 Resp: 529112

Ion Ratio Lower Upper

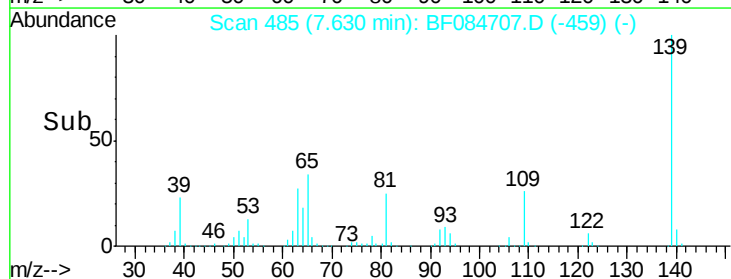
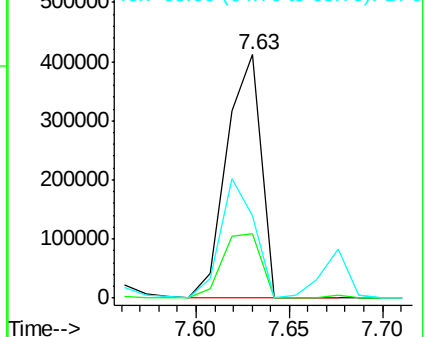
139 100

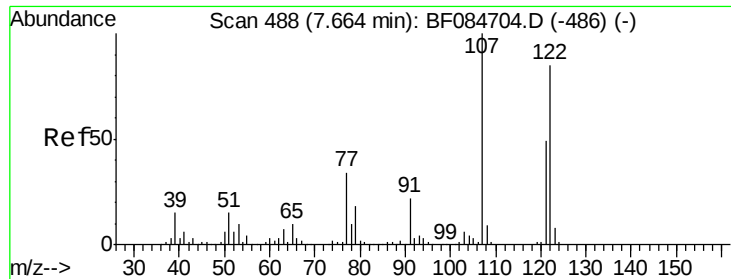
109 26.4 25.4 38.2

65 33.7 32.3 48.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 70.52 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

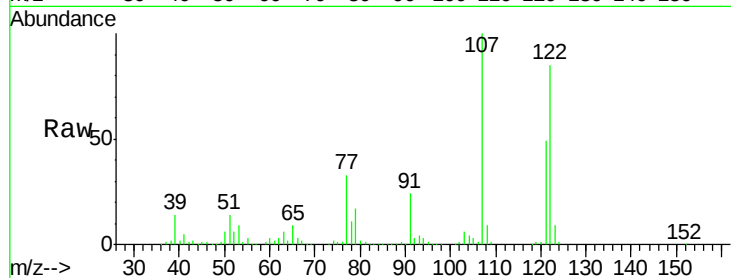
Tot Ion:122 Resp: 797755

Ion Ratio Lower Upper

122 100

107 117.0 99.1 148.7

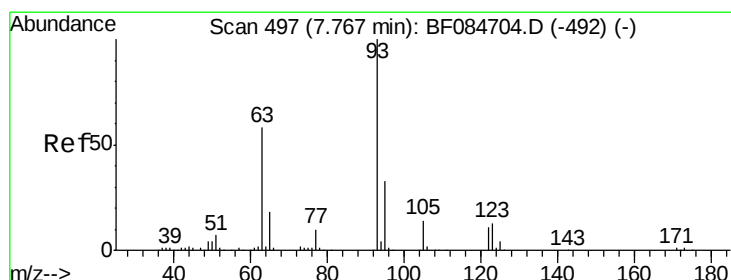
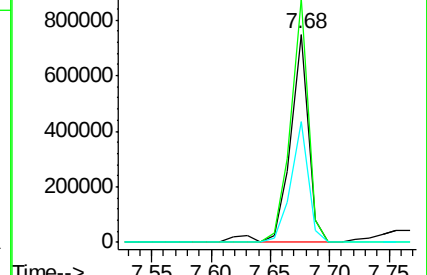
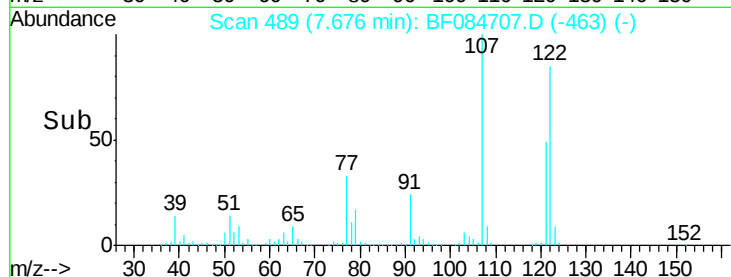
121 57.8 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 71.14 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

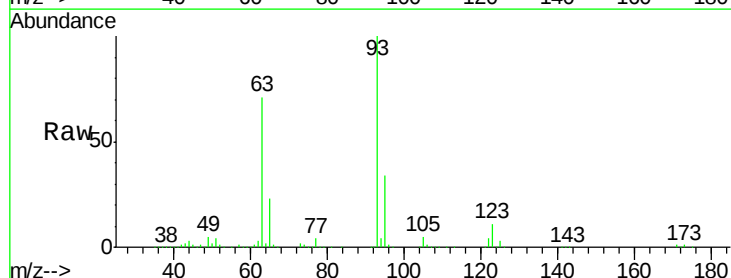
Tgt Ion: 93 Resp: 1021723

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

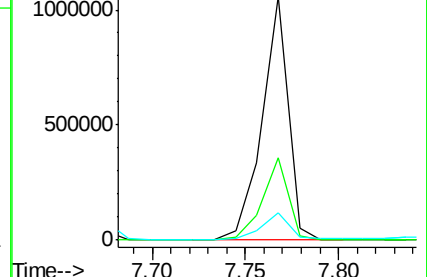
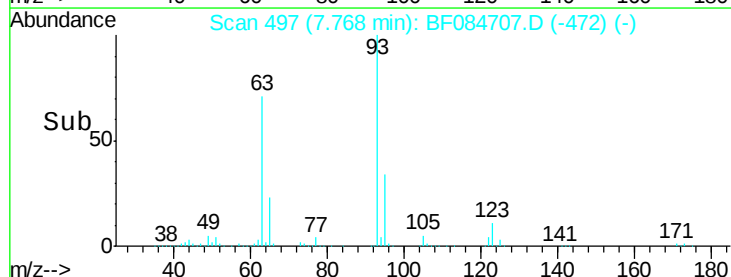
123 11.0 8.6 12.8

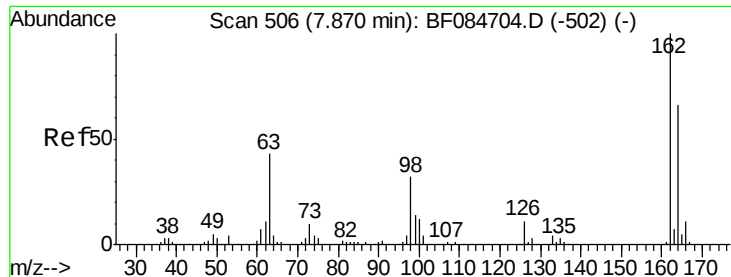


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

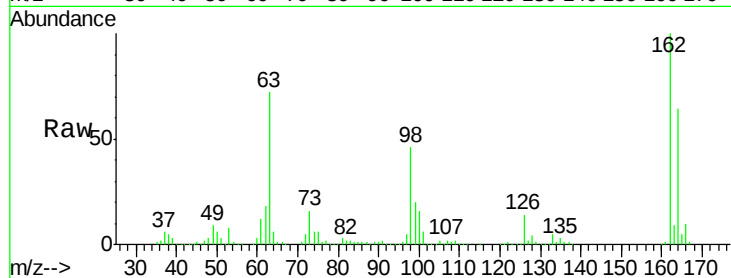




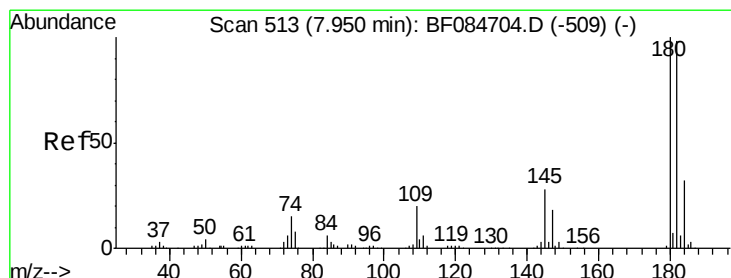
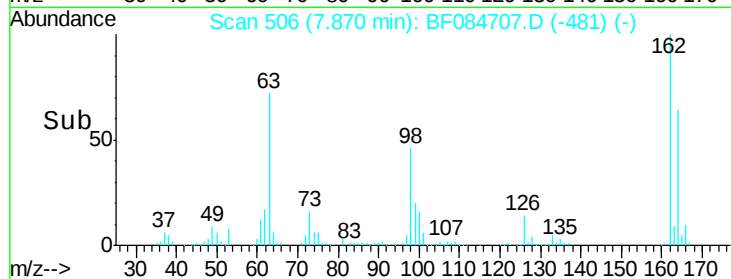
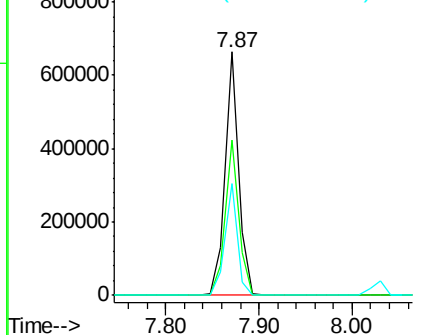
#29
 2,4-Dichlorophenol
 Concen: 67.73 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:162 Resp: 670142
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.1 84.1
 98 45.9 20.2 60.2

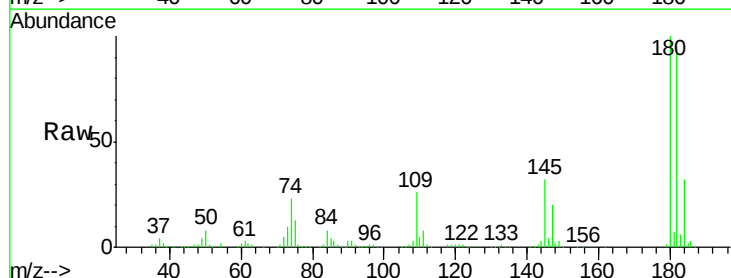


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

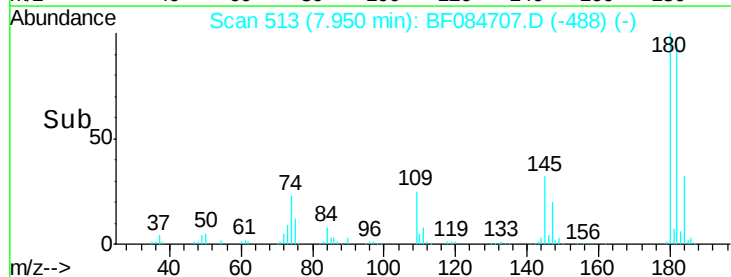
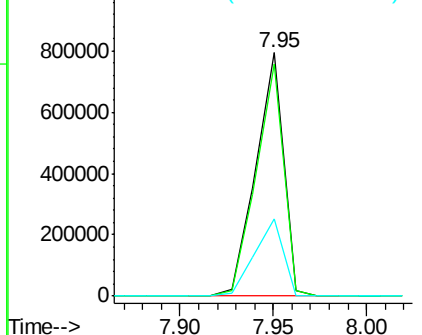


#30
 1,2,4-Trichlorobenzene
 Concen: 71.95 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion:180 Resp: 814135
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 145 31.7 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: 71.99 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

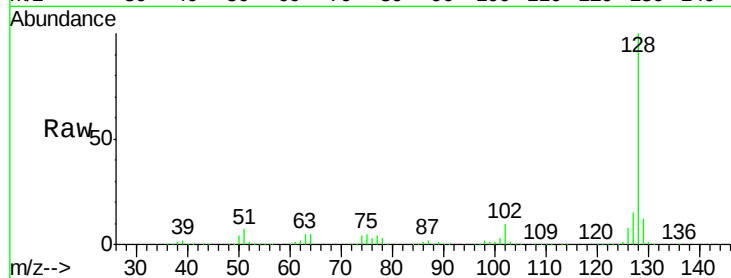
Tot Ion:128 Resp: 2594191

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

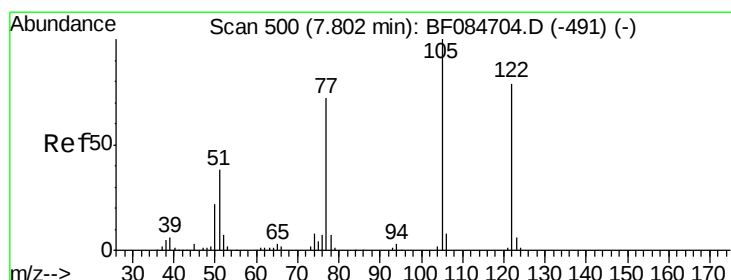
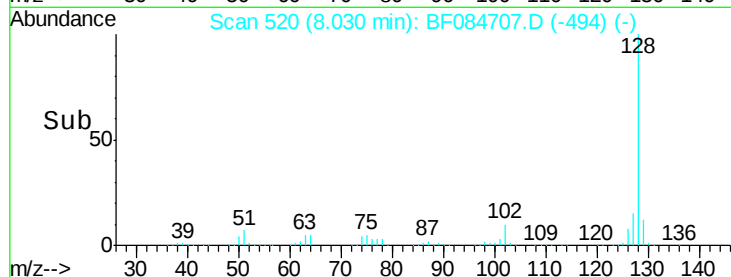
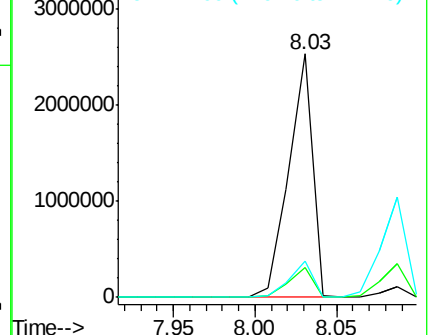
127 14.8 11.1 16.7



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: 75.31 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.03 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

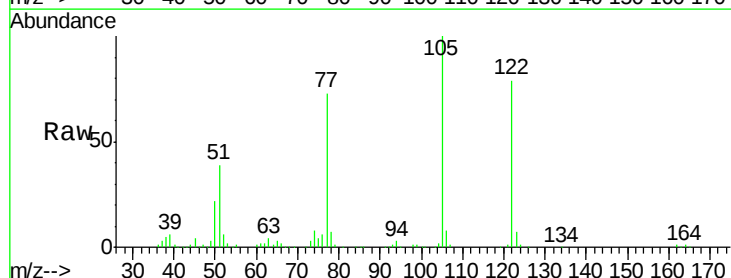
Tgt Ion:122 Resp: 654027

Ion Ratio Lower Upper

122 100

105 126.1 100.3 140.3

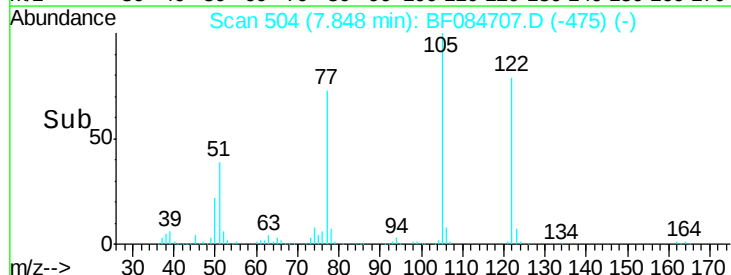
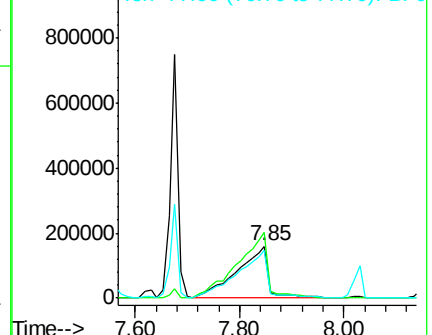
77 91.7 63.5 103.5

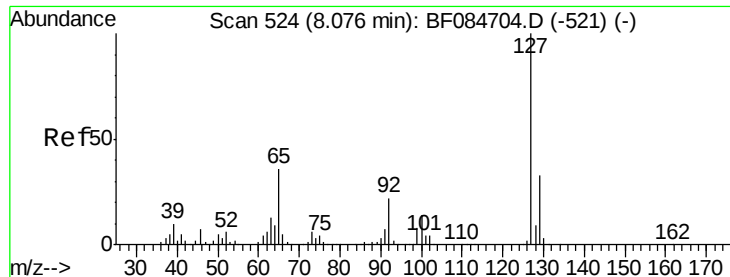


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

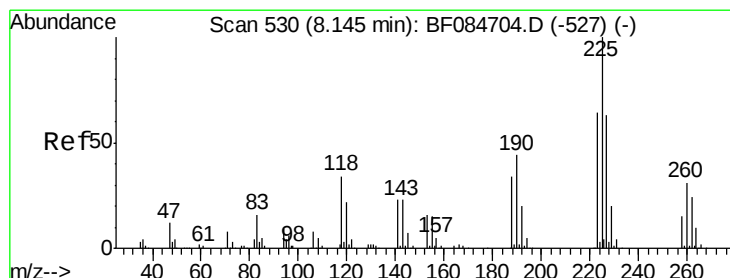
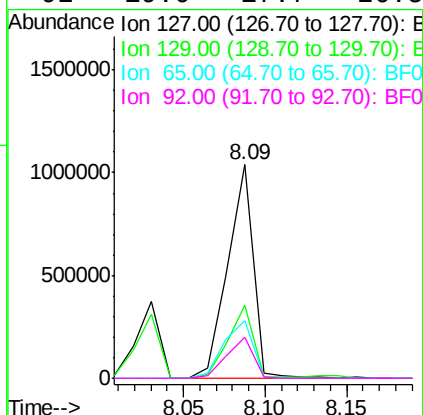
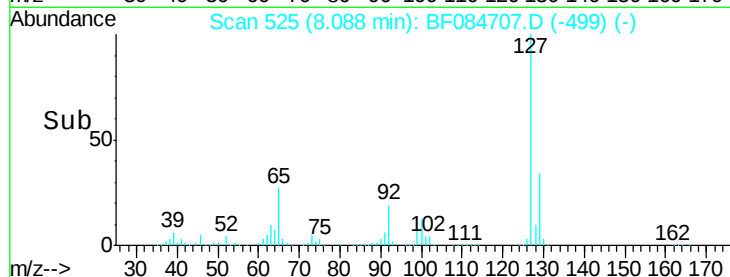
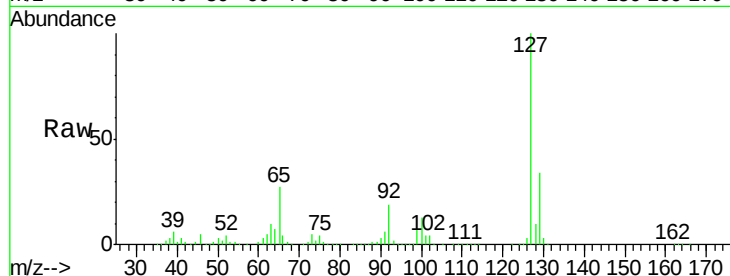




#33
4-Chloroaniline
Concen: 75.70 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

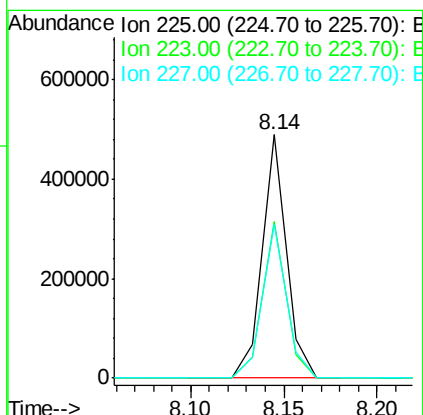
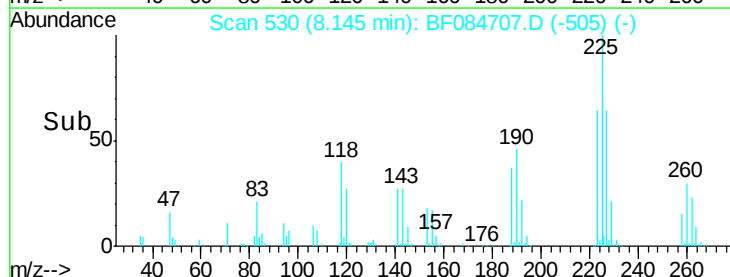
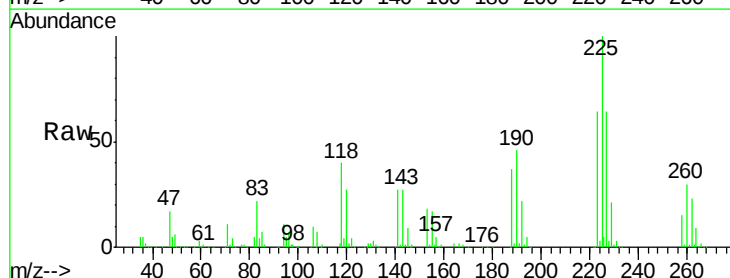
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

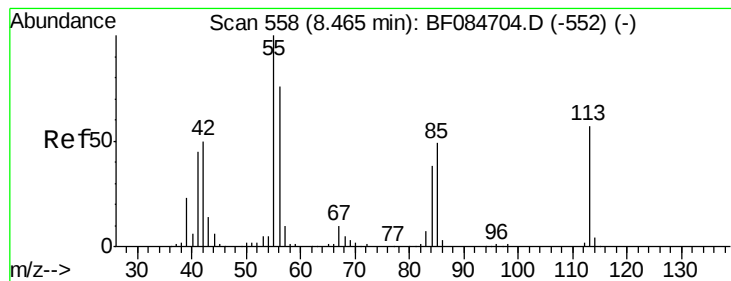
Tot Ion:127 Resp: 1109347
Ion Ratio Lower Upper
127 100
129 33.9 26.5 39.7
65 27.2 27.2 40.8#
92 19.0 17.7 26.5



#34
Hexachlorobutadiene
Concen: 65.23 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:225 Resp: 436206
Ion Ratio Lower Upper
225 100
223 64.1 49.4 74.0
227 63.5 50.8 76.2





#35

Caprolactam

Concen: 79.75 ng

RT: 8.49 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

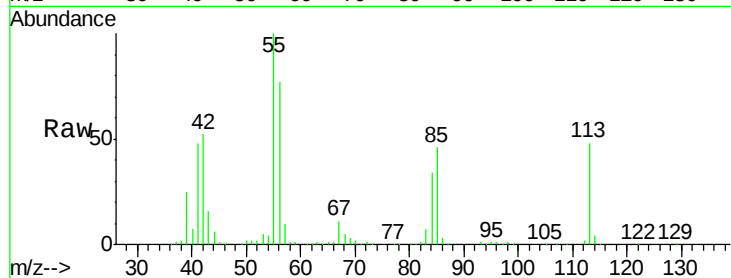
Tot Ion:113 Resp: 226450

Ion Ratio Lower Upper

113 100

55 207.4 116.9 156.9#

56 159.3 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

300000

200000

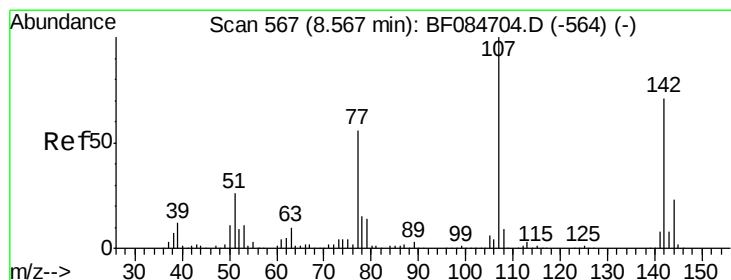
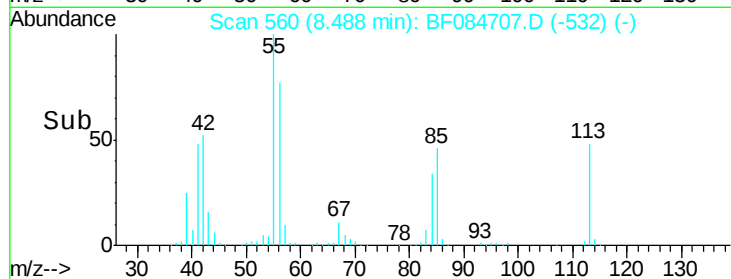
100000

0

8.40 8.45 8.50 8.55

8.49

Time-->



#36

4-Chloro-3-methylphenol

Concen: 68.99 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

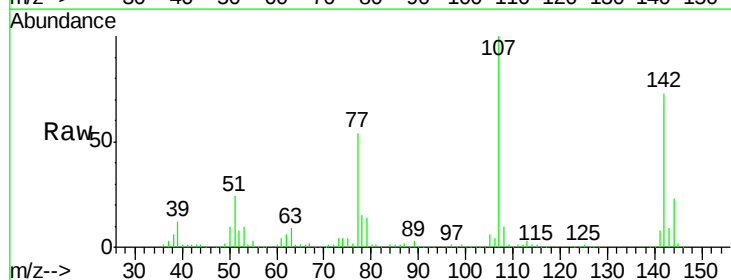
Tgt Ion:107 Resp: 751641

Ion Ratio Lower Upper

107 100

144 23.2 19.7 29.5

142 72.7 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

2000000

1500000

1000000

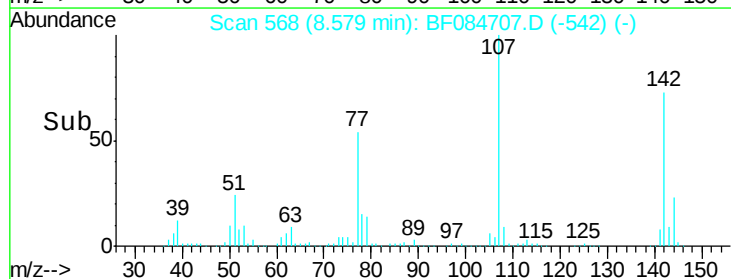
500000

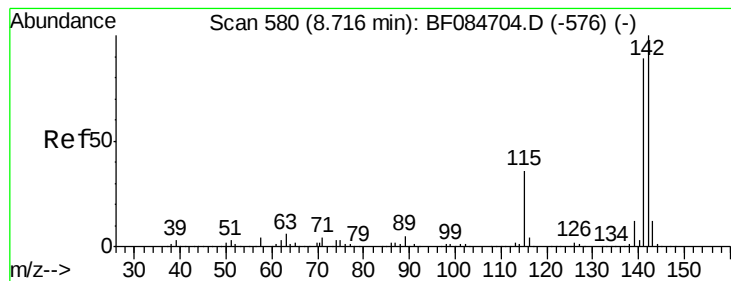
0

8.50 8.55 8.60 8.65 8.70

8.58

Time-->





#37

2-Methylnaphthalene

Concen: 64.05 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

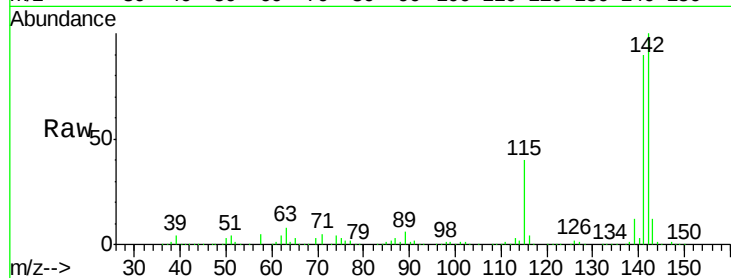
Tot Ion:142 Resp: 1416689

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

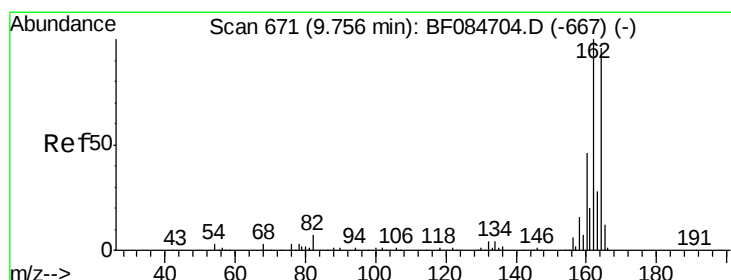
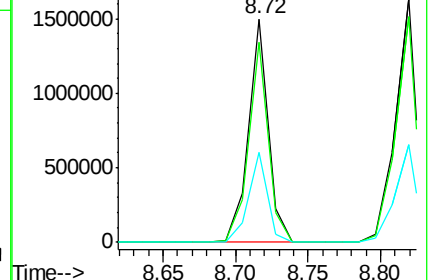
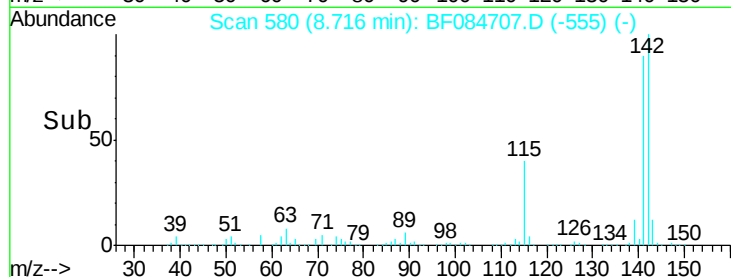
115 40.3 27.9 41.9



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. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

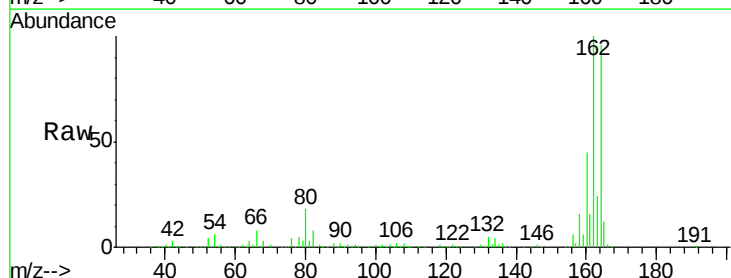
Tgt Ion:164 Resp: 325147

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

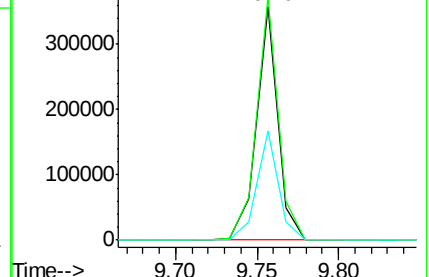
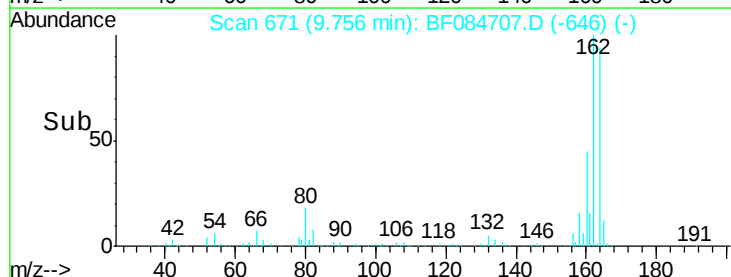
160 46.6 37.5 56.3

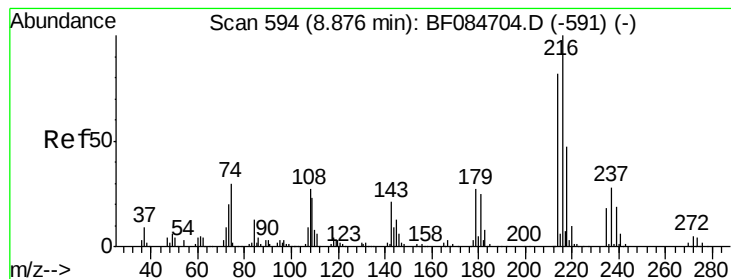


Abundance Ion 164.00 (163.70 to 164.70): E

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: 73.80 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:216 Resp: 778215

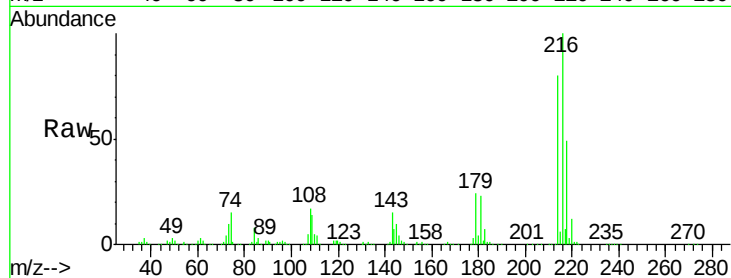
Ion Ratio Lower Upper

216 100

214 79.9 64.2 96.2

179 24.6 18.7 28.1

108 21.2 16.8 25.2

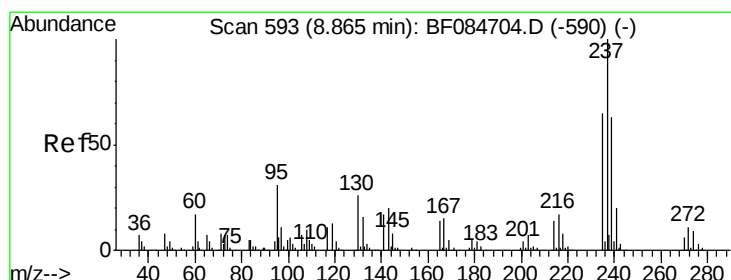
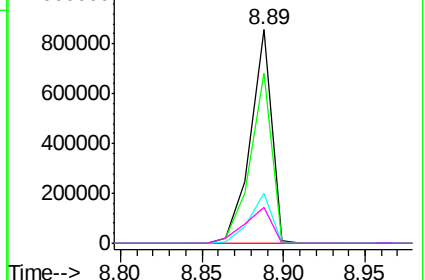
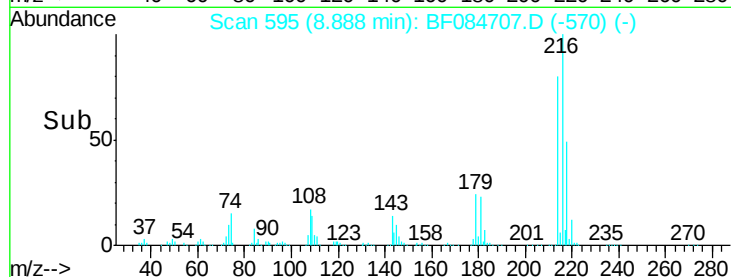


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.57 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

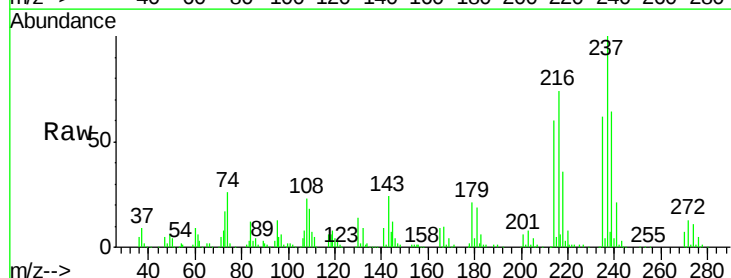
Tgt Ion:237 Resp: 367114

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

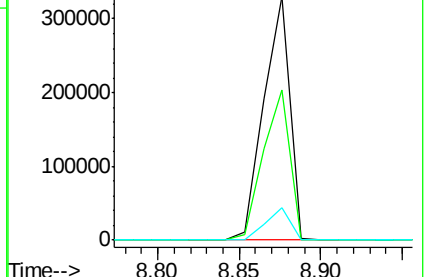
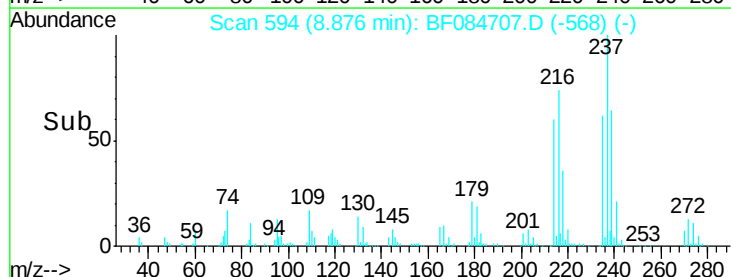
272 13.5 0.0 35.1



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: 142.22 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

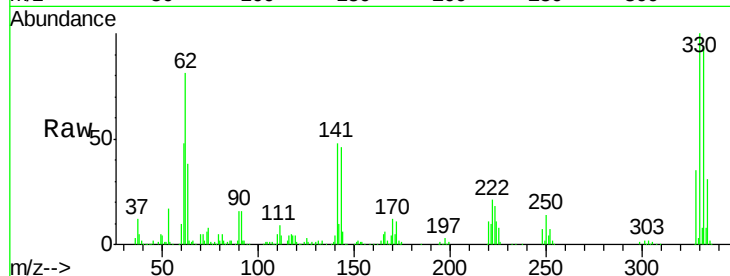
Tot Ion:330 Resp: 484670

Ion Ratio Lower Upper

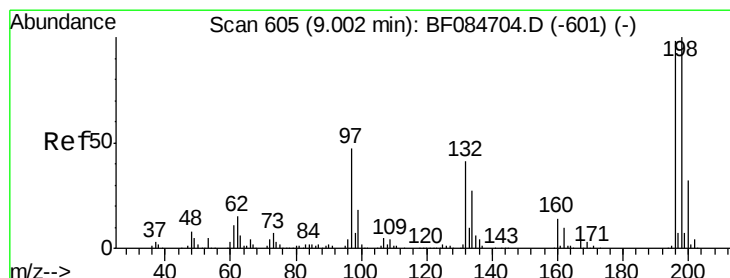
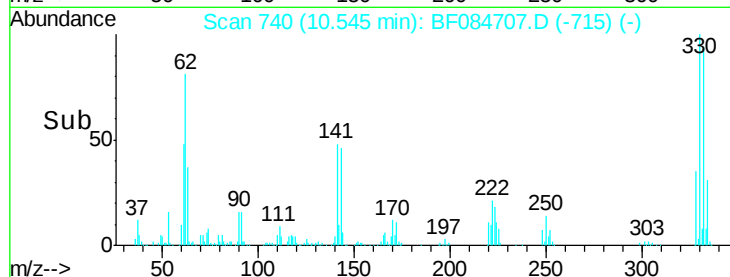
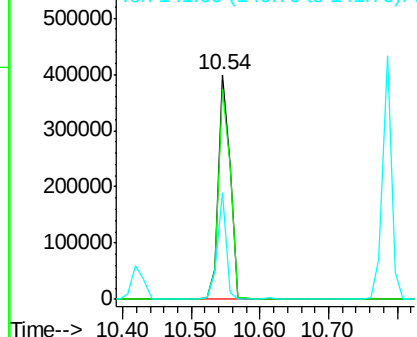
330 100

332 95.6 76.6 114.8

141 36.3 27.8 41.6



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



#42

2,4,6-Trichlorophenol

Concen: 73.84 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

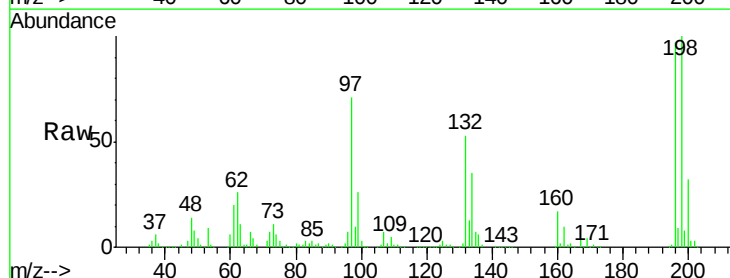
Tgt Ion:196 Resp: 483677

Ion Ratio Lower Upper

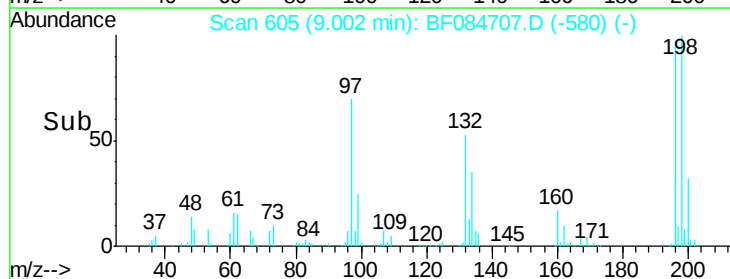
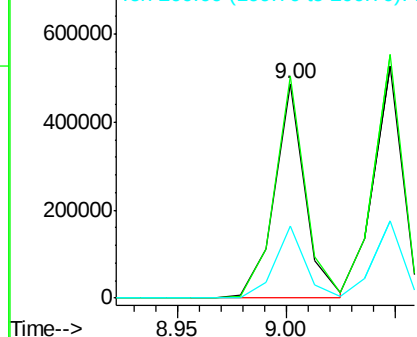
196 100

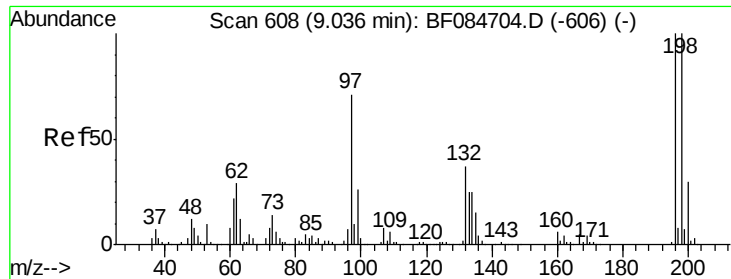
198 103.2 77.7 116.5

200 33.4 24.6 37.0



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

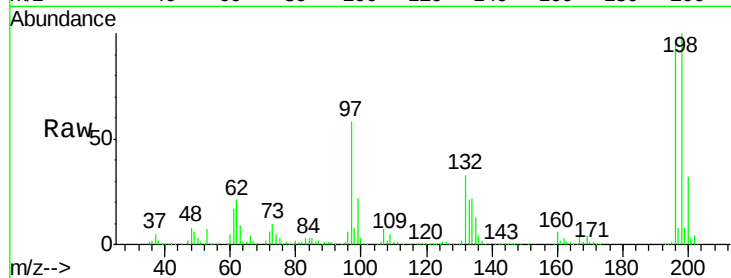




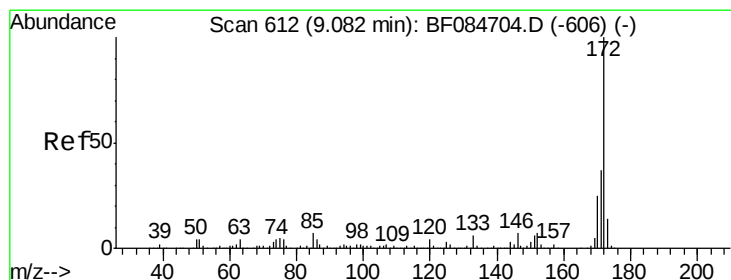
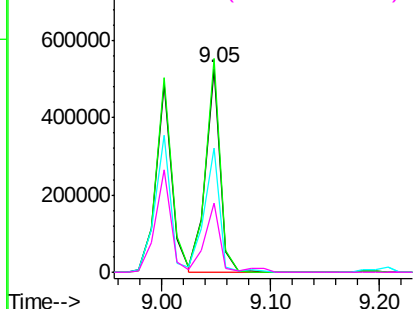
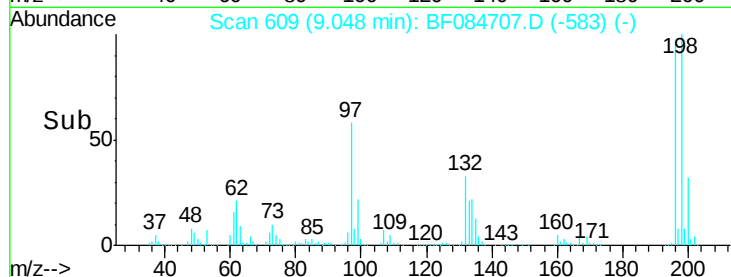
#43
 2,4,5-Trichlorophenol
 Concen: 73.28 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:196 Resp: 495619
 Ion Ratio Lower Upper
 196 100
 198 104.7 79.0 118.6
 97 61.1 33.0 49.6#
 132 34.1 21.1 31.7#

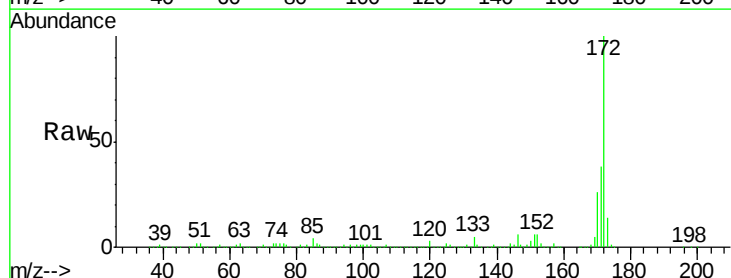


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

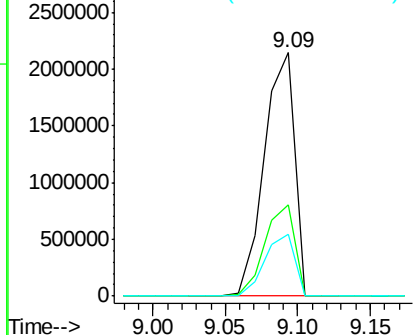
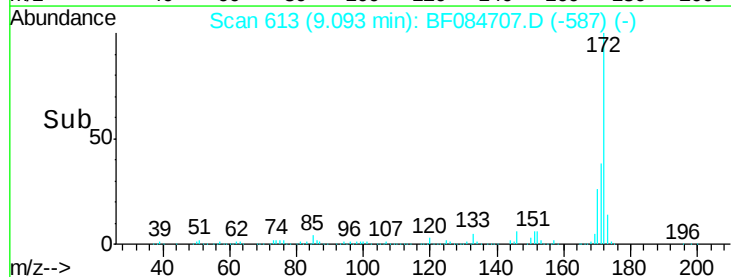


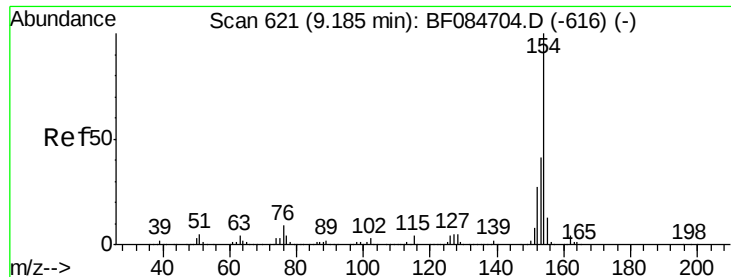
#44
 2-Fluorobiphenyl
 Concen: 141.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion:172 Resp: 3101024
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.5 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: 60.78 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

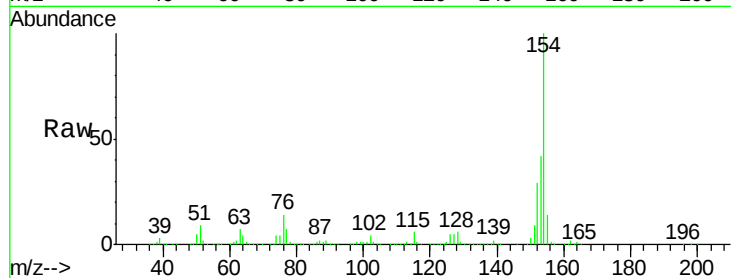
Tot Ion:154 Resp: 1811405

Ion Ratio Lower Upper

154 100

153 42.5 21.6 61.6

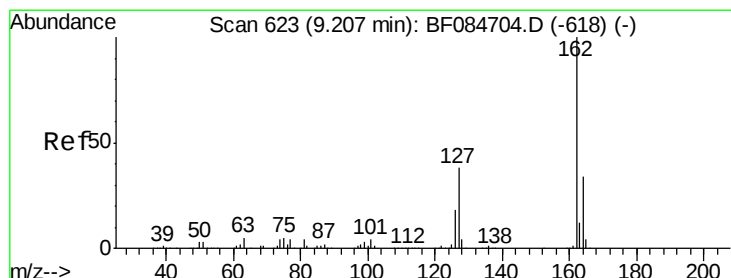
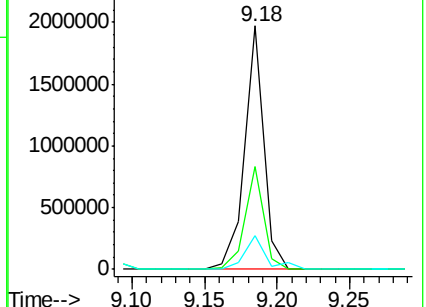
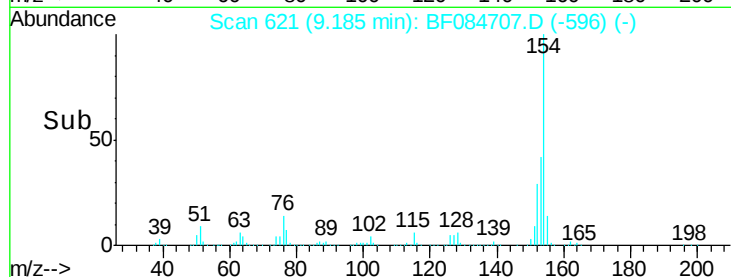
76 13.7 0.0 32.7



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: 65.97 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

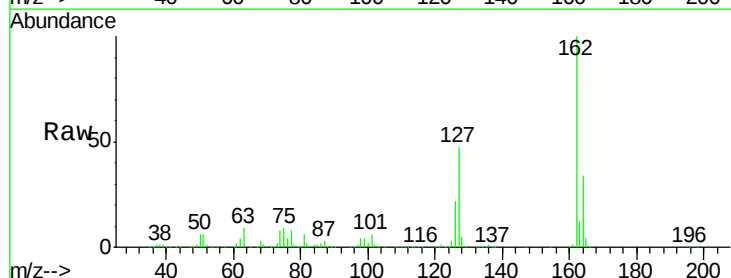
Tgt Ion:162 Resp: 1434321

Ion Ratio Lower Upper

162 100

127 46.5 40.2 60.4

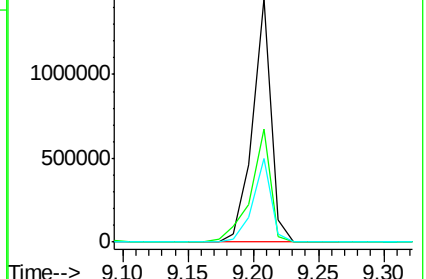
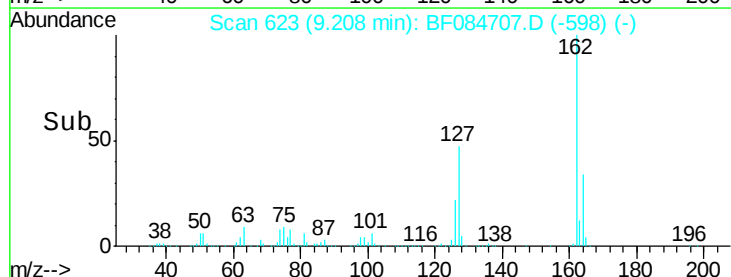
164 34.4 25.7 38.5

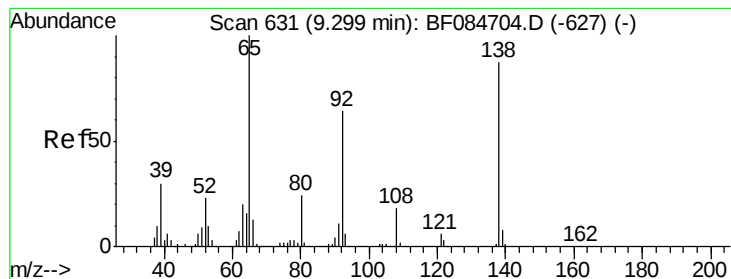


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 81.76 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

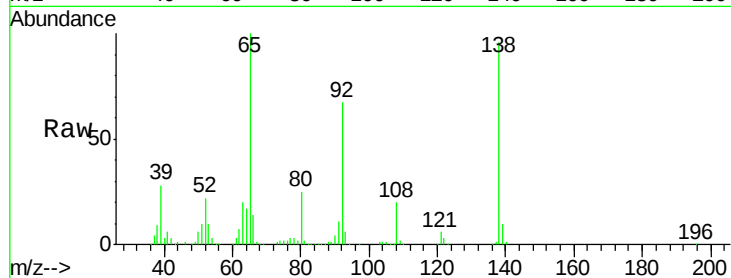
Tot Ion: 65 Resp: 533888

Ion Ratio Lower Upper

65 100

92 67.3 53.4 80.2

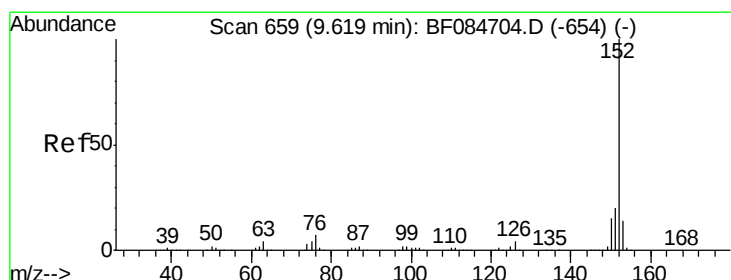
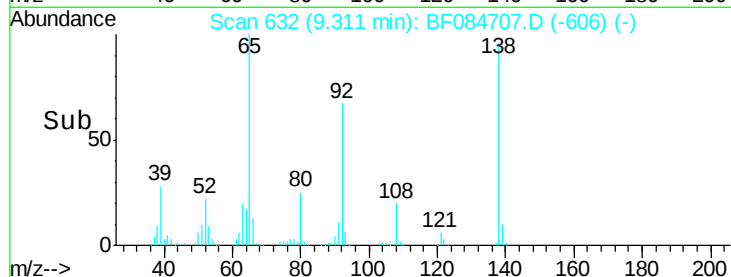
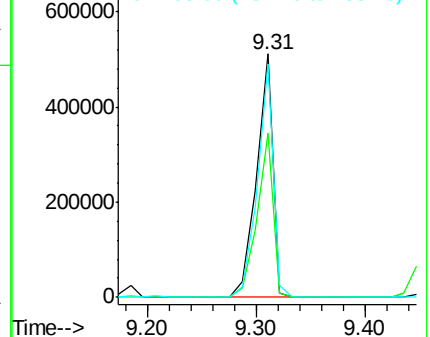
138 95.9 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 61.49 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

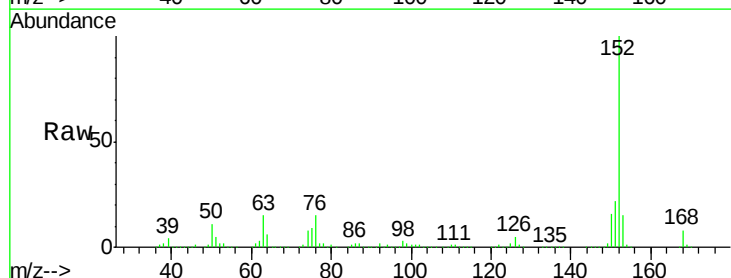
Tgt Ion: 152 Resp: 2025640

Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

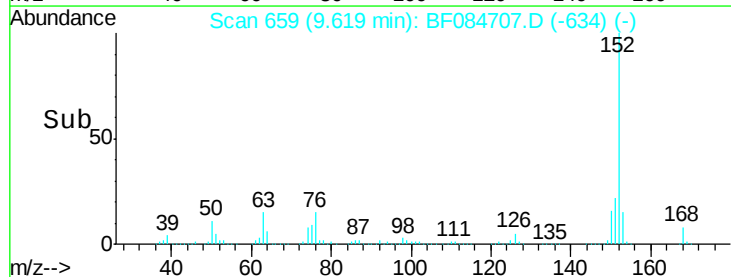
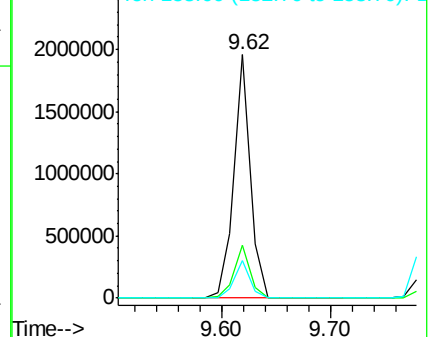
153 15.4 10.4 15.6

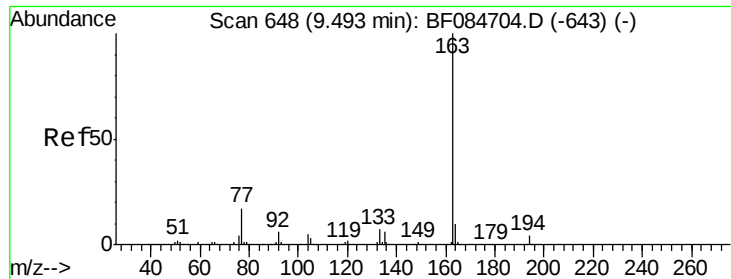


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

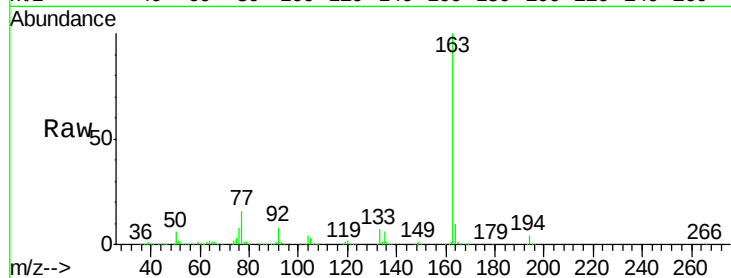




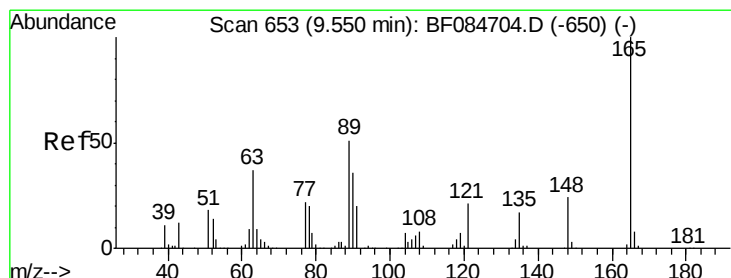
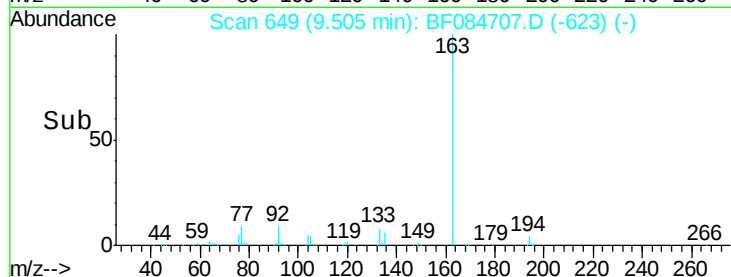
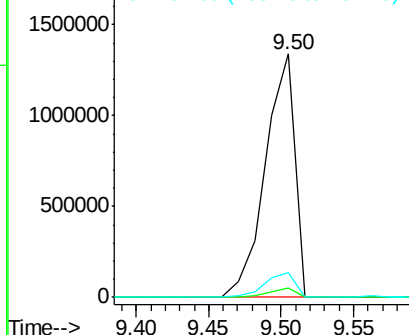
#49
Dimethylphthalate
Concen: 77.35 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 1887611
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.4 8.0 12.0

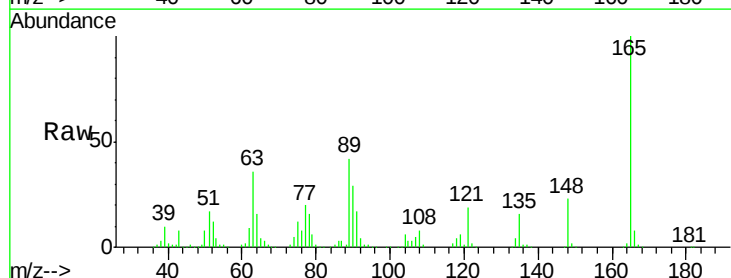


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

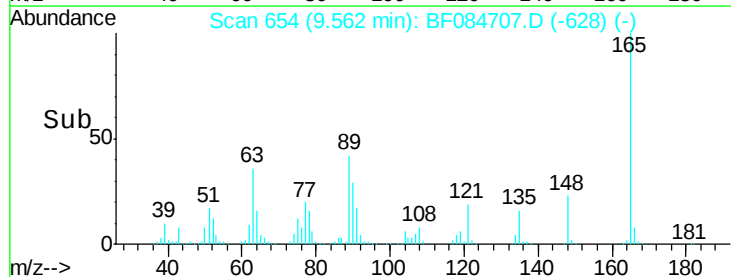
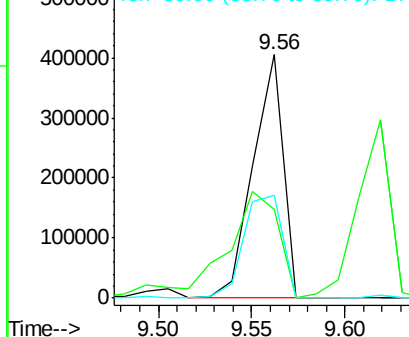


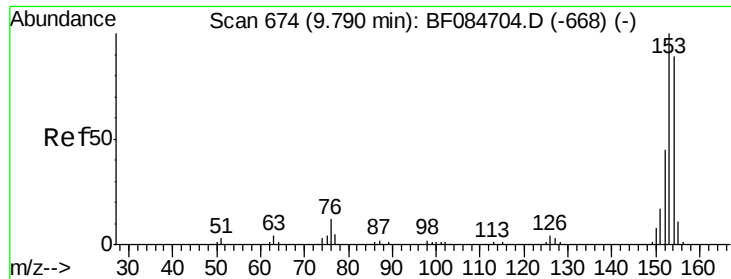
#50
2,6-Dinitrotoluene
Concen: 83.73 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:165 Resp: 449551
Ion Ratio Lower Upper
165 100
63 36.3 28.8 43.2
89 42.4 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: 65.10 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

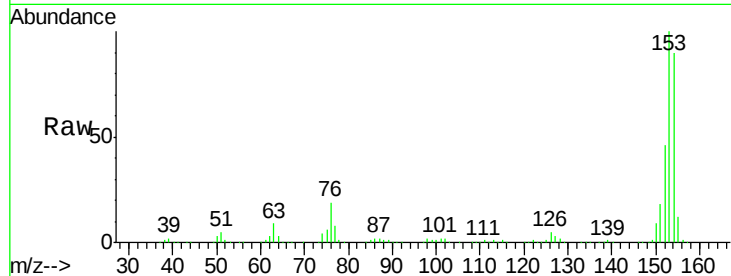
BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1436017

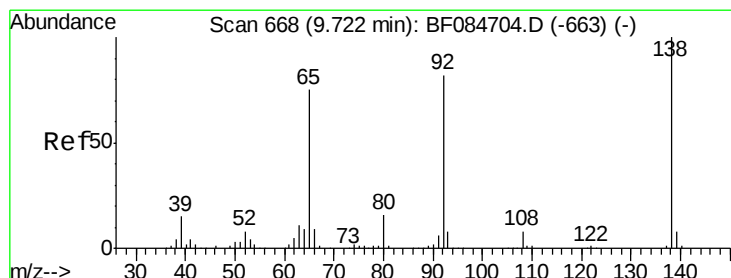
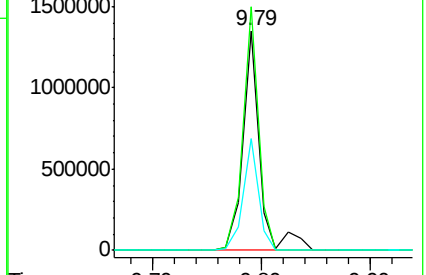
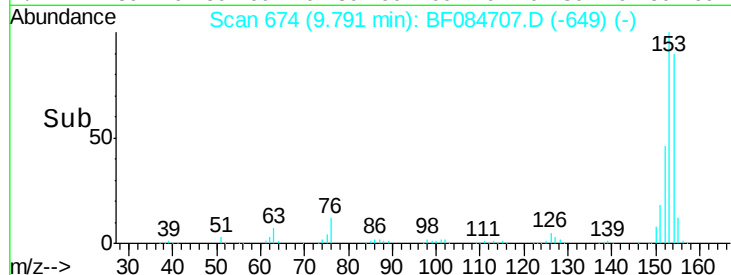
Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.5	137.3
152	51.2	43.0	64.6



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: 75.15 ng

RT: 9.72 min Scan# 668

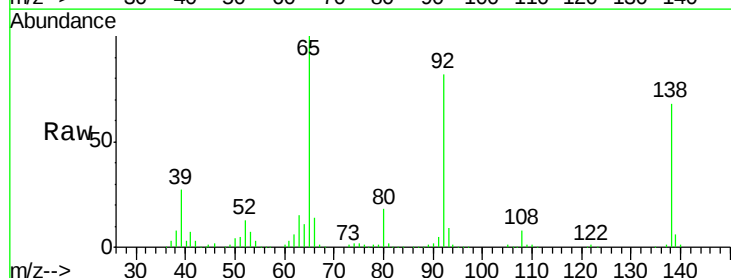
Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:138 Resp: 421630

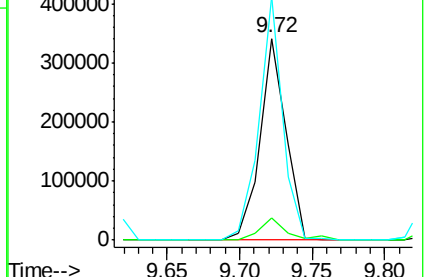
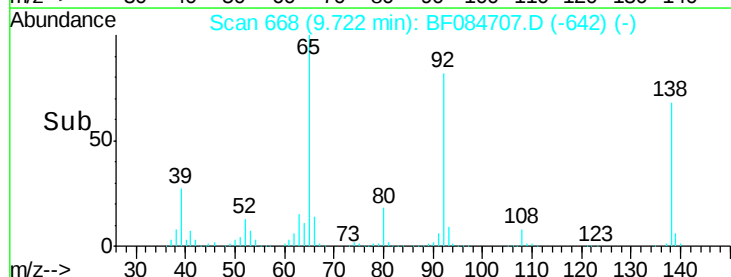
Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.5	15.7
92	120.6	103.9	155.9

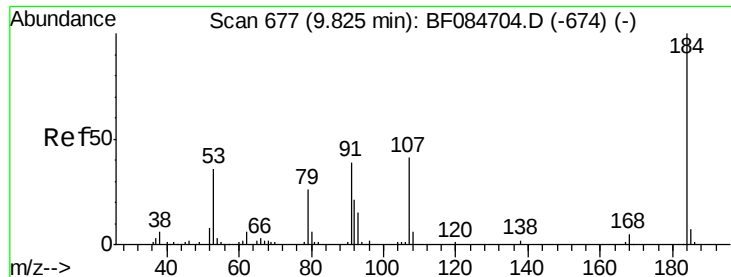


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

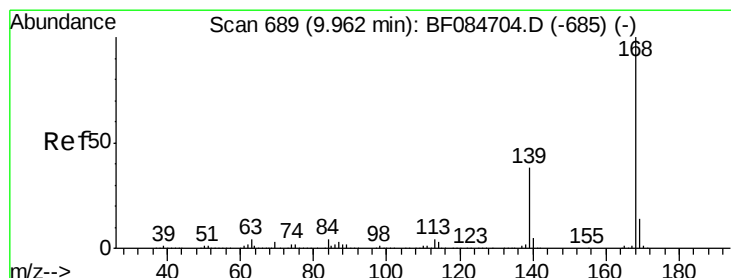
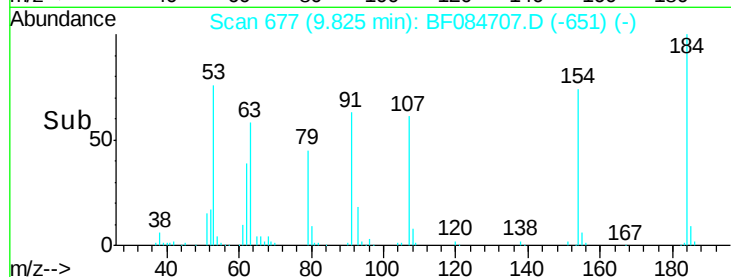
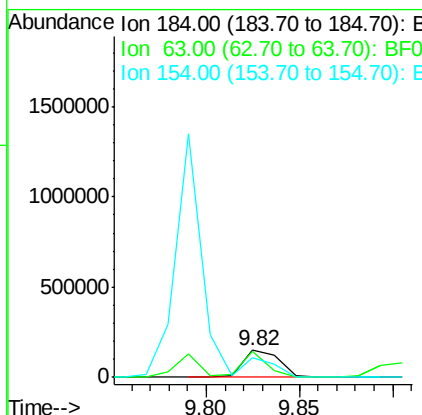
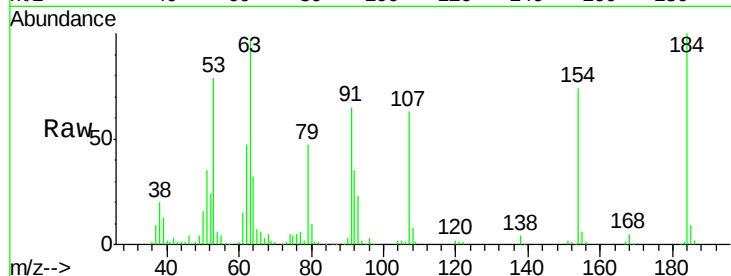




#53
2,4-Dinitrophenol
Concen: 76.60 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

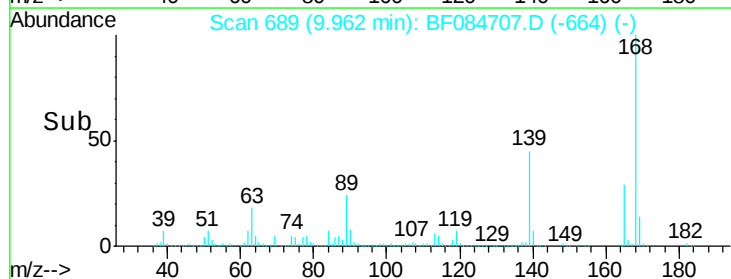
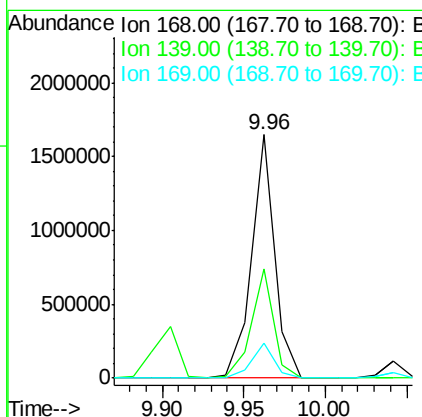
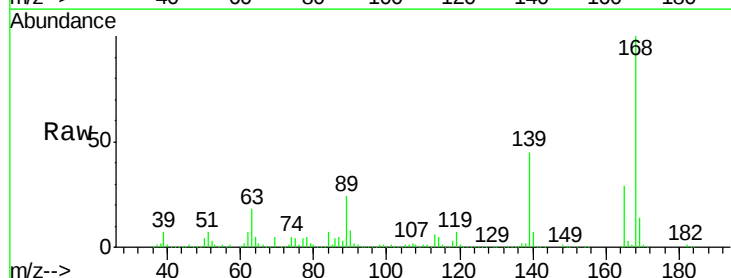
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

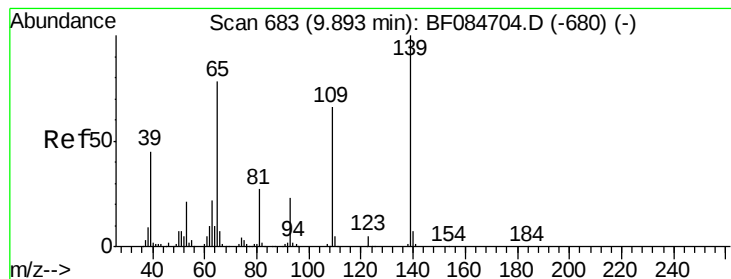
Tot Ion:184 Resp: 202936
Ion Ratio Lower Upper
184 100
63 97.2 43.1 64.7#
154 74.4 60.5 90.7



#54
Dibenzofuran
Concen: 61.59 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:168 Resp: 1621347
Ion Ratio Lower Upper
168 100
139 44.6 30.5 45.7
169 14.4 10.4 15.6





#55

4-Nitrophenol

Concen: 93.10 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

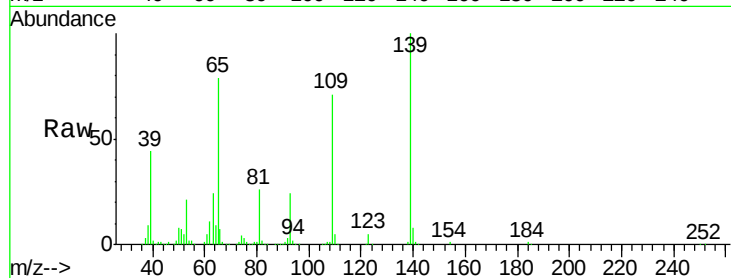
Tot Ion:139 Resp: 383681

Ion Ratio Lower Upper

139 100

109 70.7 58.5 98.5

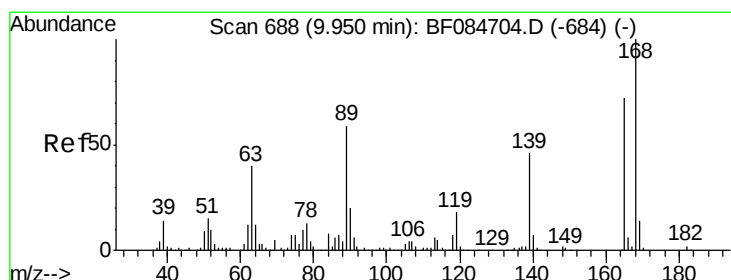
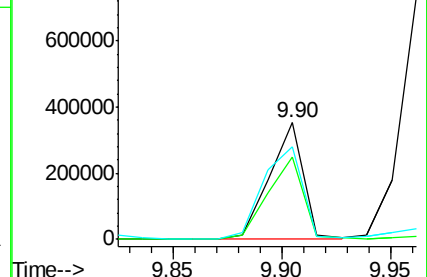
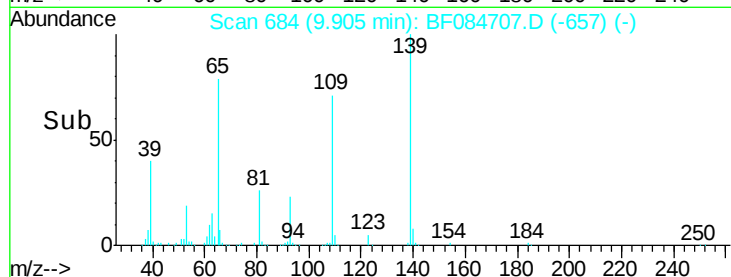
65 79.2 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 78.31 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:165 Resp: 546223

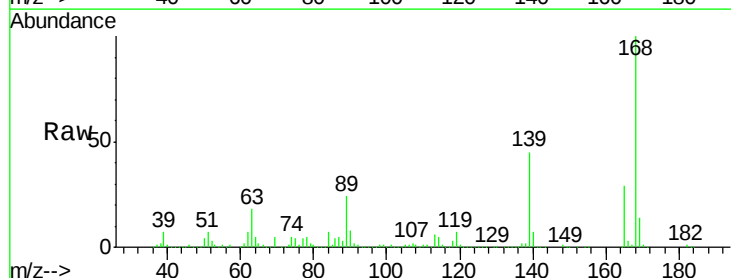
Ion Ratio Lower Upper

165 100

63 61.7 36.7 55.1#

89 82.3 61.9 92.9

182 2.2 2.0 3.0

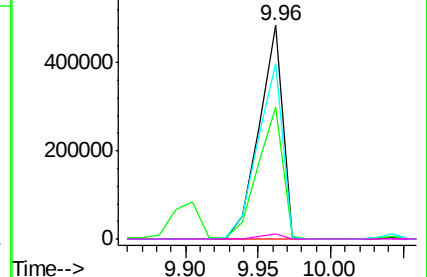
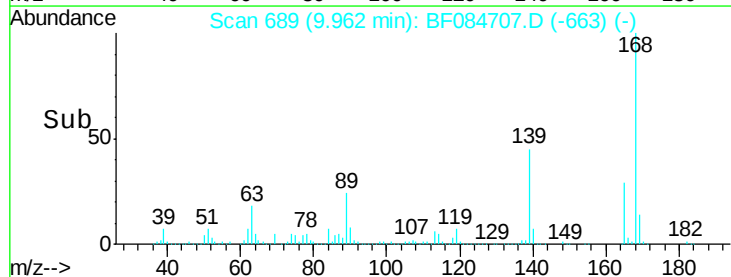


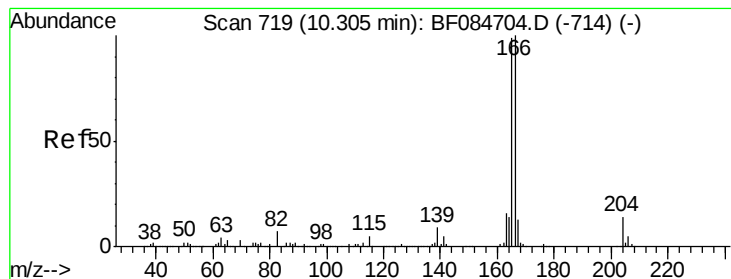
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 62.31 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

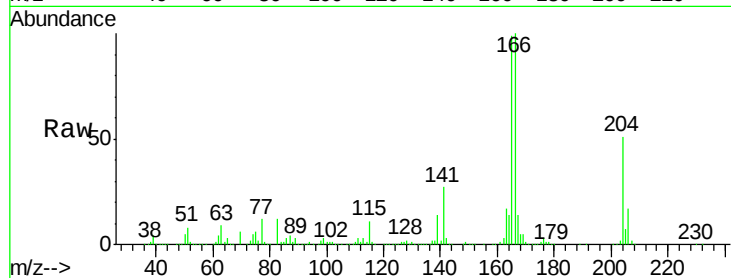
Tot Ion:166 Resp: 1390453

Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

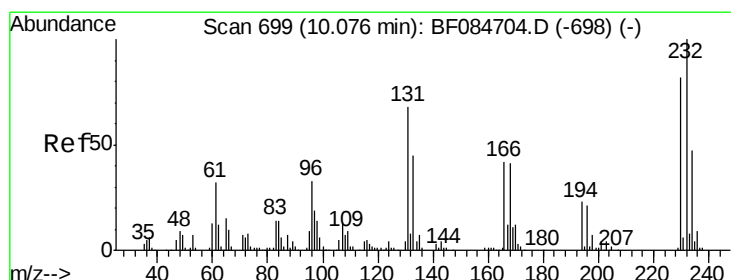
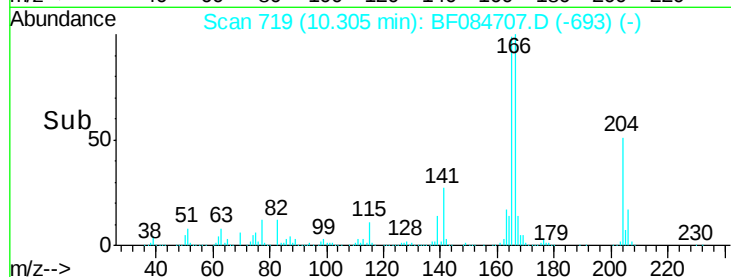
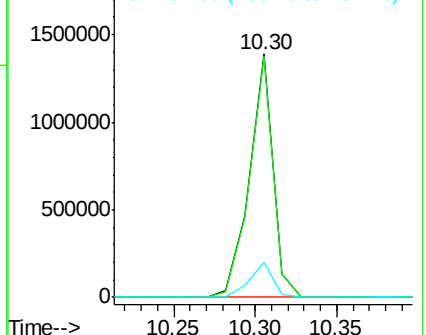
167 14.5 10.4 15.6



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: 79.78 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:232 Resp: 407952

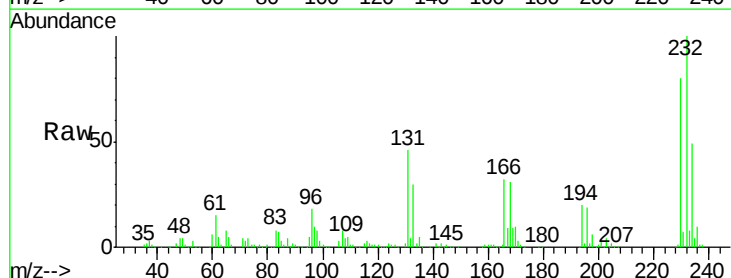
Ion Ratio Lower Upper

232 100

131 52.2 47.0 70.6

130 2.7 2.0 3.0

166 34.6 30.5 45.7

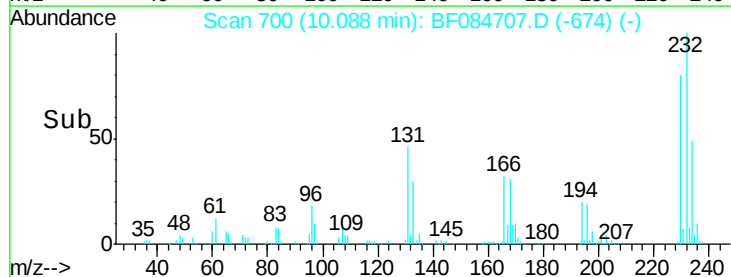
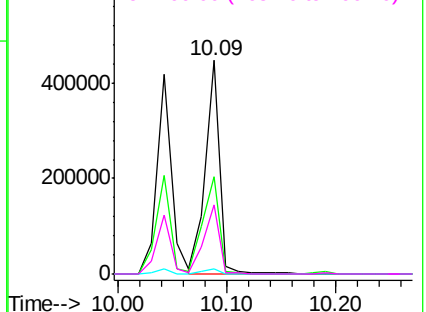


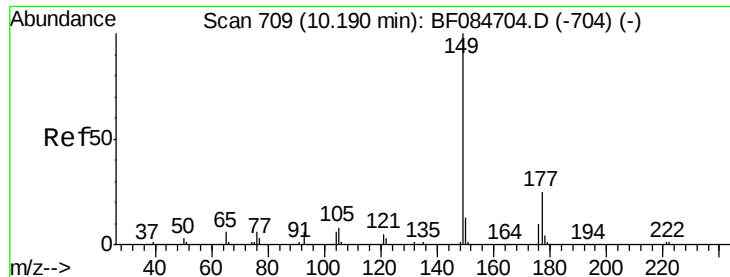
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

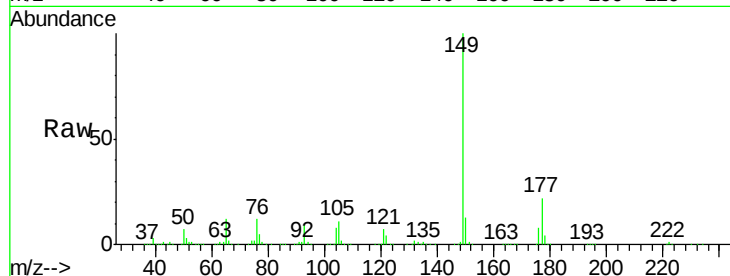




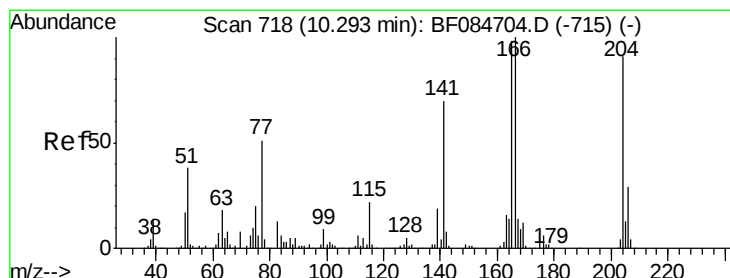
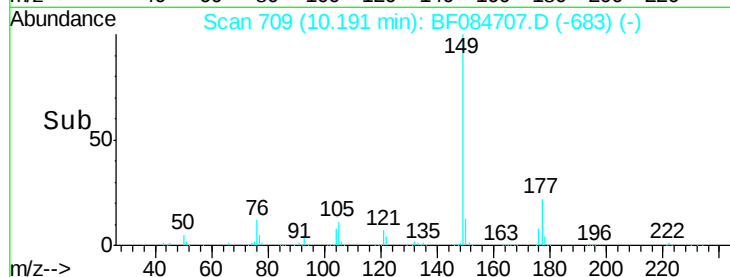
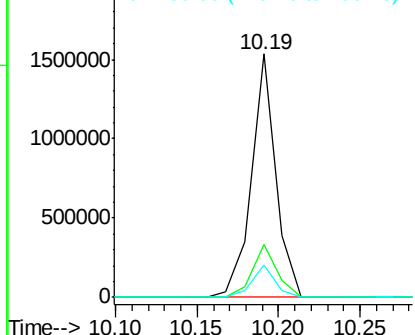
#59
Diethylphthalate
Concen: 66.46 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1587729
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.2 9.8 14.8

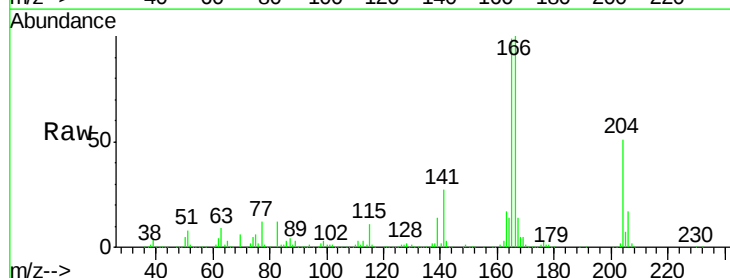


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

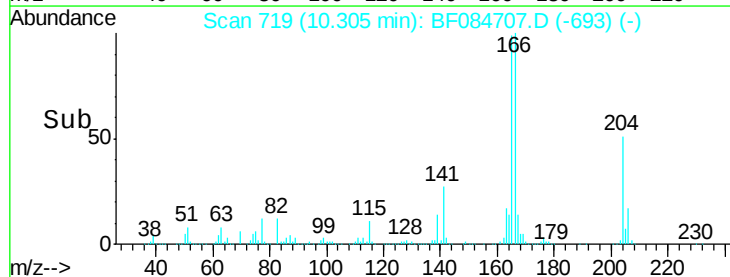
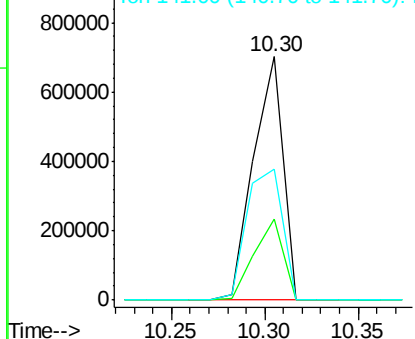


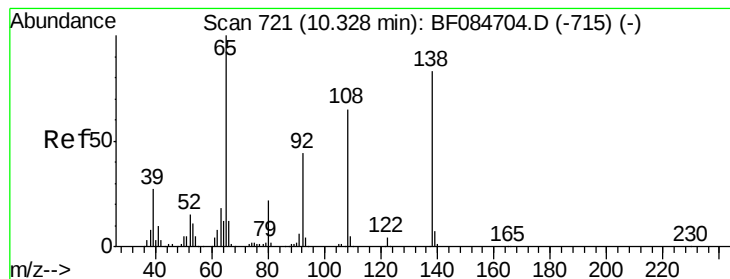
#60
4-Chlorophenyl-phenylether
Concen: 76.63 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:204 Resp: 767709
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 53.7 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: 85.06 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

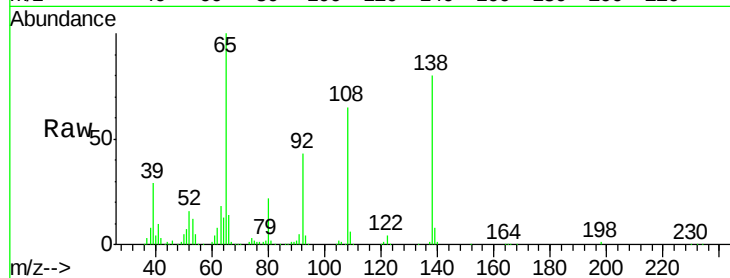
Tot Ion:138 Resp: 451696

Ion Ratio Lower Upper

138 100

92 53.9 32.6 72.6

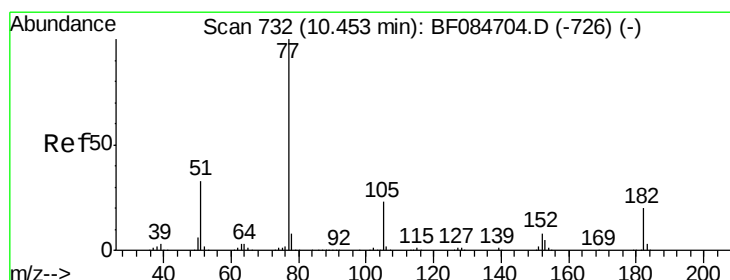
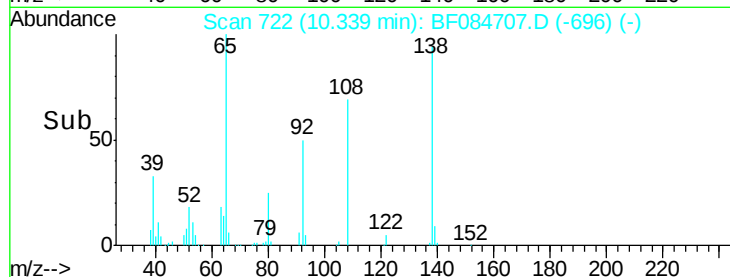
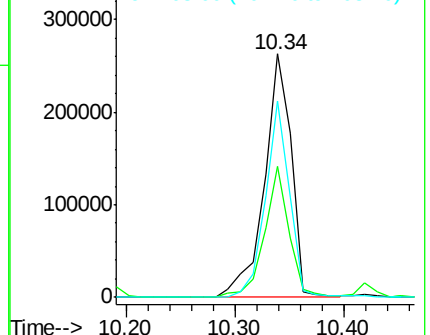
108 80.6 68.6 108.6



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: 75.28 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion: 77 Resp: 1721330

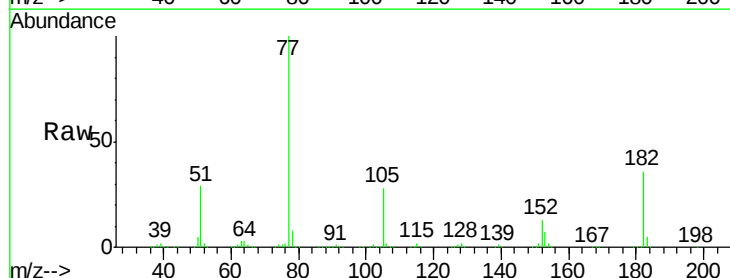
Ion Ratio Lower Upper

77 100

182 35.8 8.3 48.3

105 28.3 4.6 44.6

51 28.7 6.2 46.2

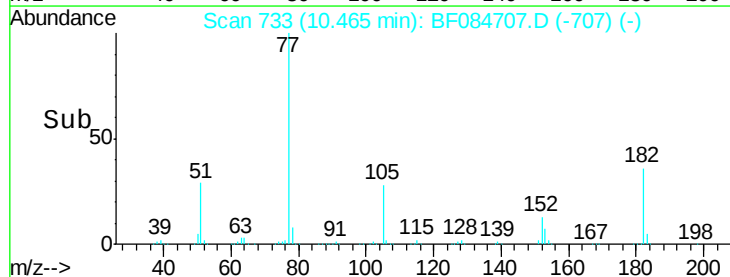
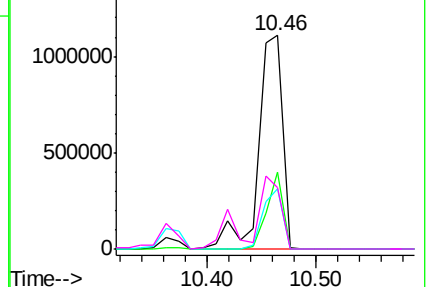


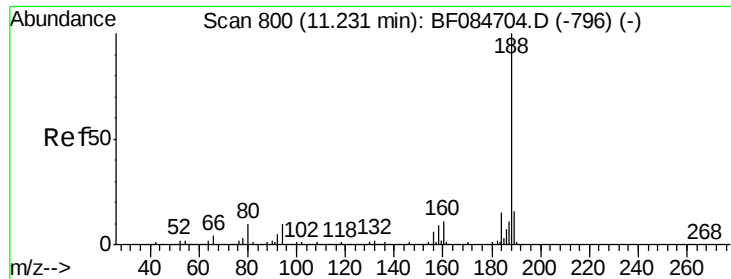
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

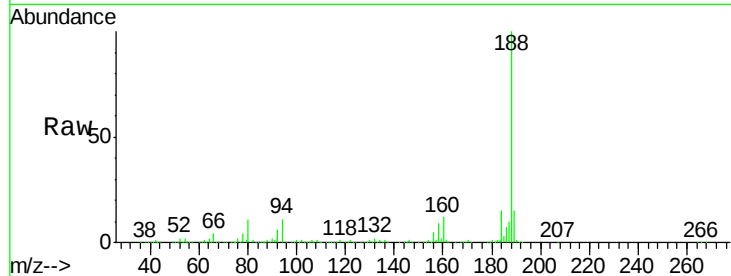




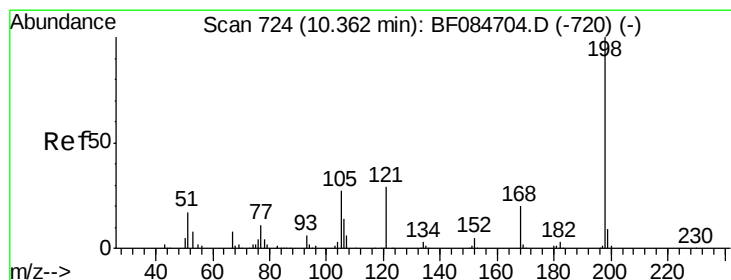
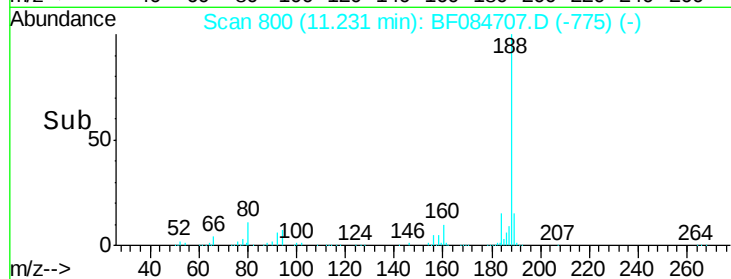
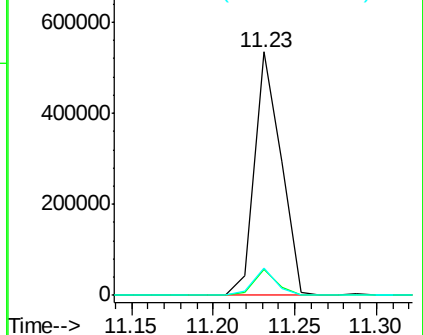
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:188 Resp: 601433
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.4 9.6 14.4

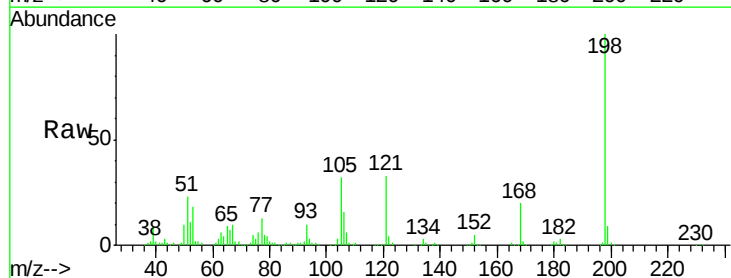


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

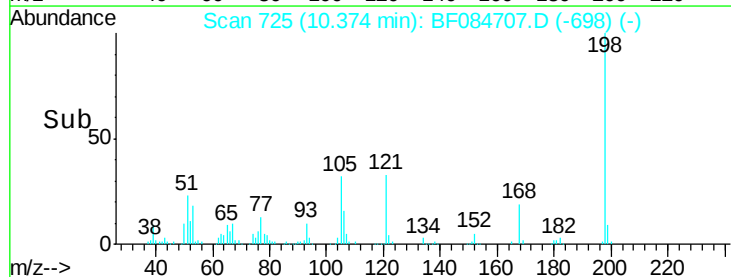
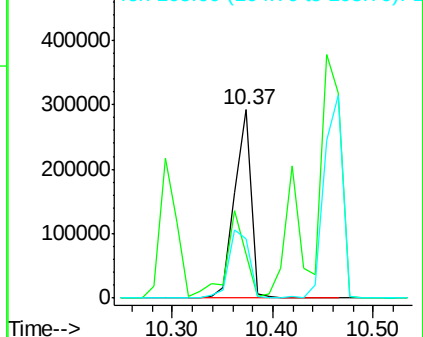


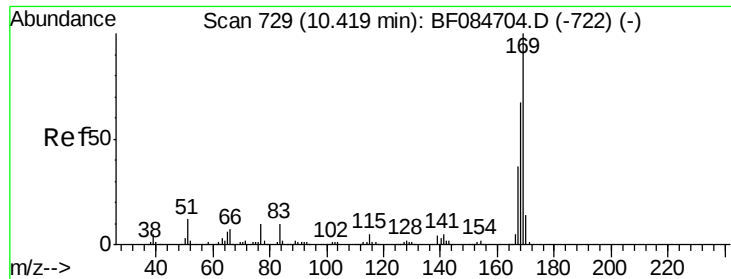
#64
4,6-Dinitro-2-methylphenol
Concen: 85.20 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:198 Resp: 334683
Ion Ratio Lower Upper
198 100
51 23.1 18.9 58.9
105 31.9 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

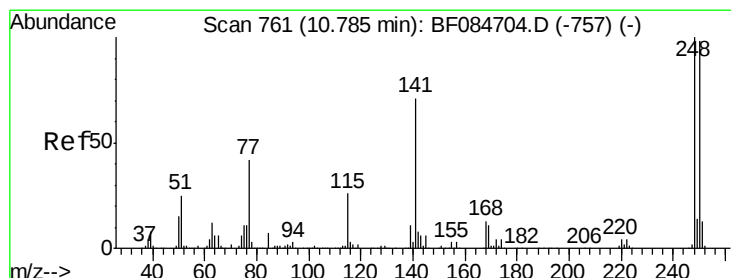
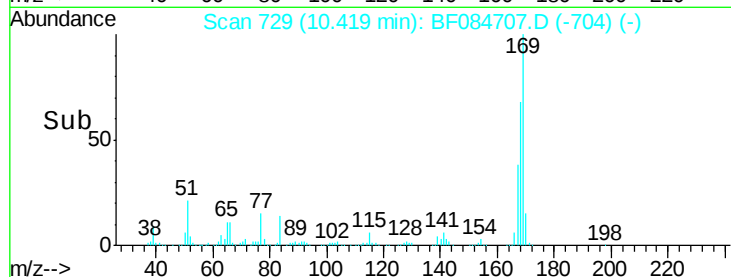
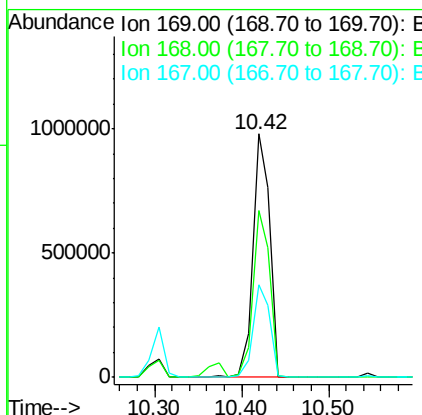
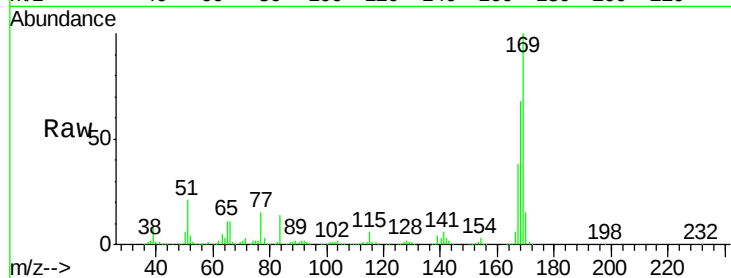




#65
 n-Nitrosodiphenylamine
 Concen: 68.66 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

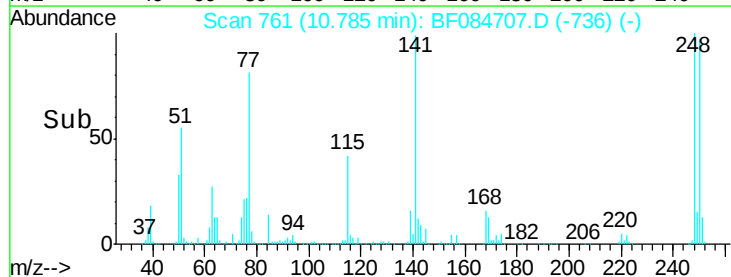
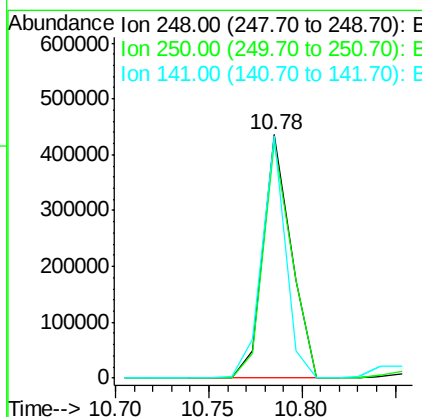
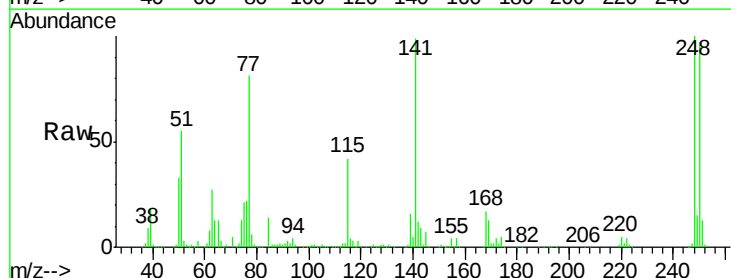
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

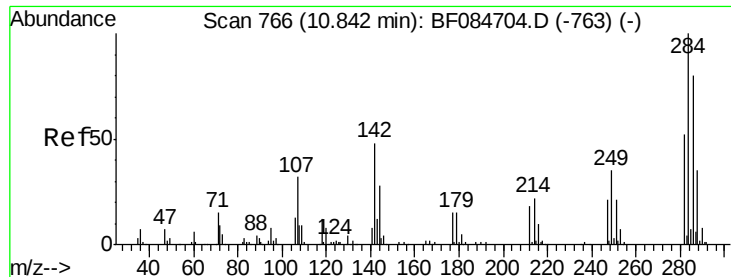
Tot Ion:169 Resp: 1338966
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.1 82.7
 167 38.2 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 67.17 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion:248 Resp: 455002
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.4 117.6
 141 99.3 44.0 66.0#





#67

Hexachlorobenzene

Concen: 75.80 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

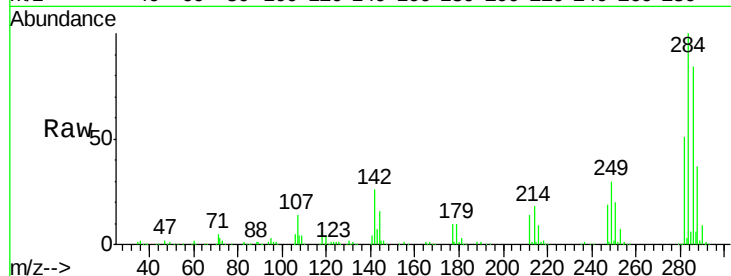
Tot Ion:284 Resp: 558518

Ion Ratio Lower Upper

284 100

142 25.9 22.2 33.4

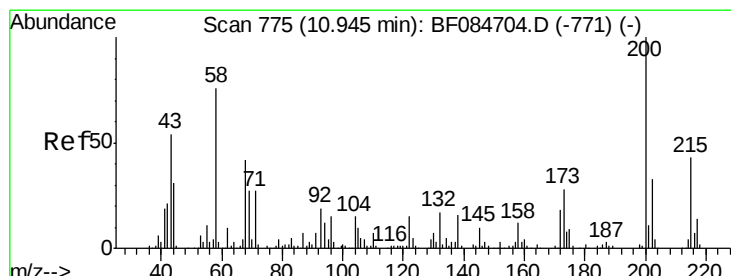
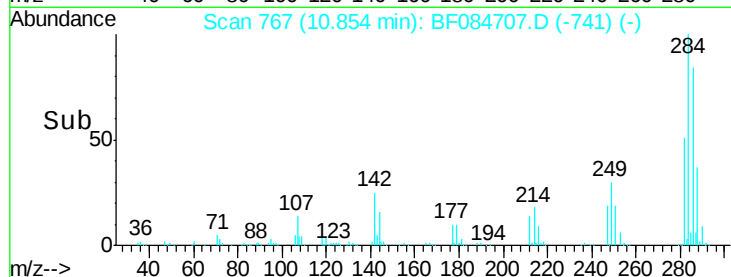
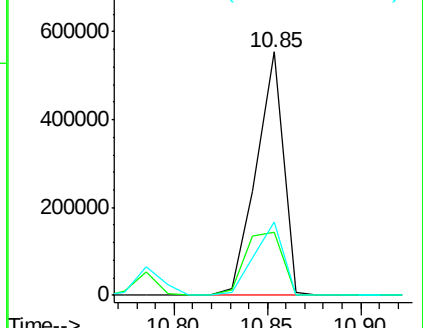
249 30.0 24.6 37.0



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: 69.74 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

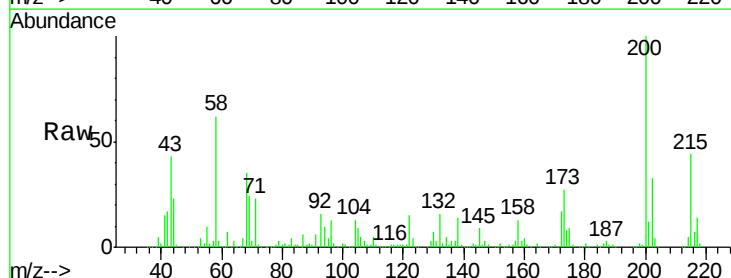
Tgt Ion:200 Resp: 407455

Ion Ratio Lower Upper

200 100

173 27.3 9.5 49.5

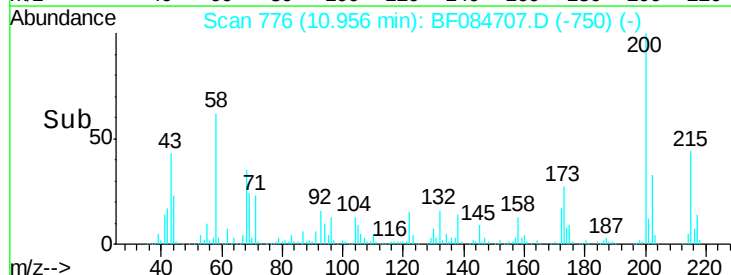
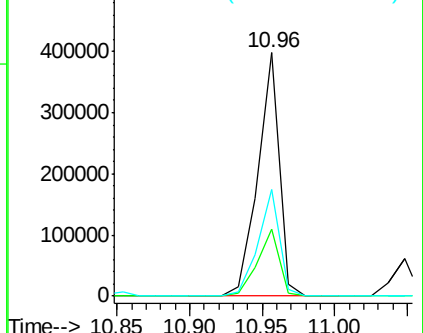
215 43.6 23.8 63.8

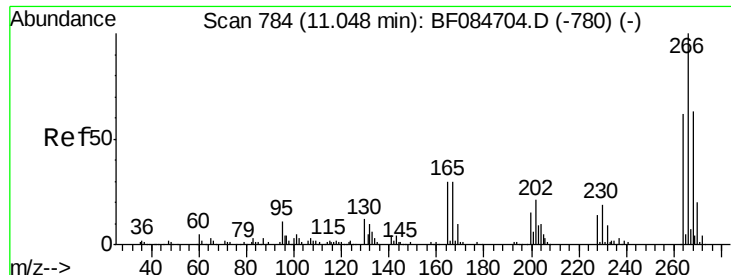


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

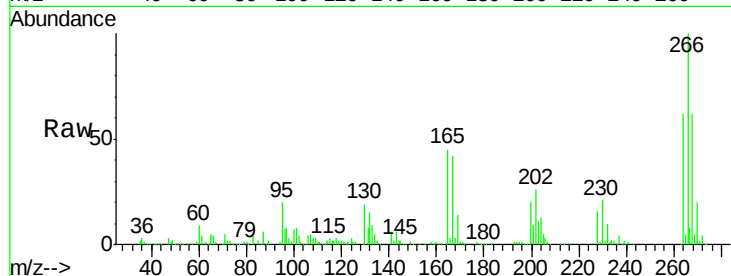




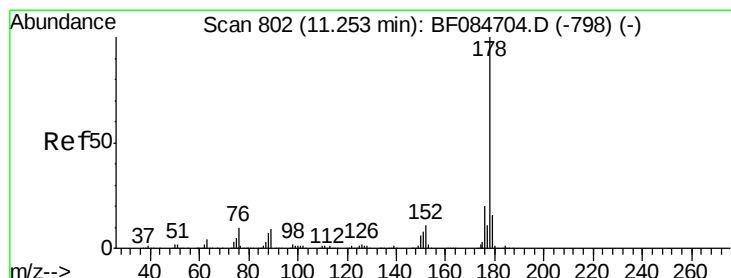
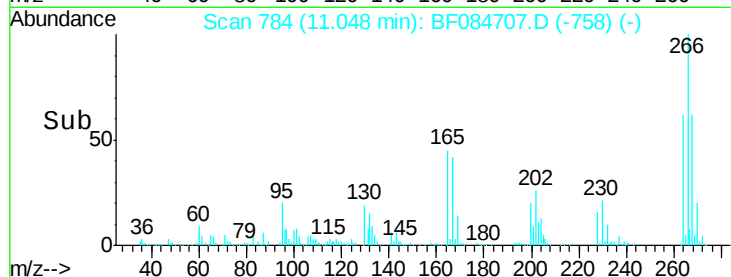
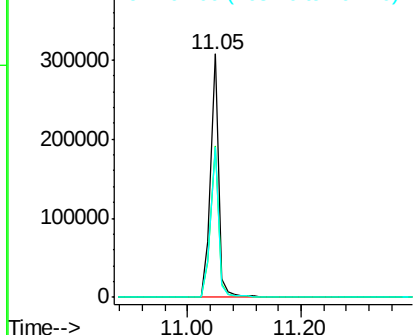
#69
 Pentachlorophenol
 Concen: 82.97 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:266 Resp: 295335
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.4 78.6
 264 61.9 50.2 75.2

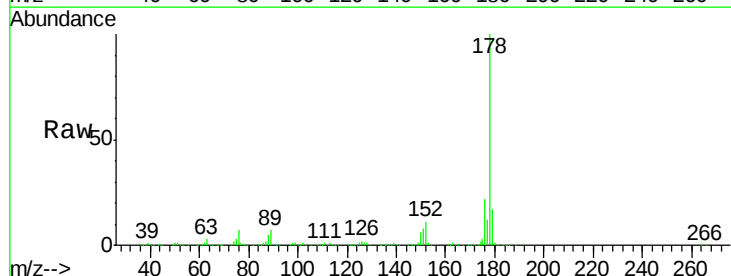


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

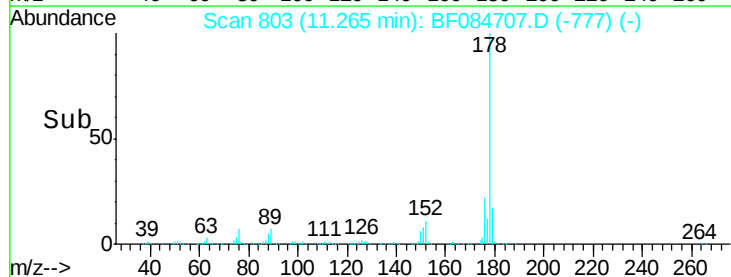
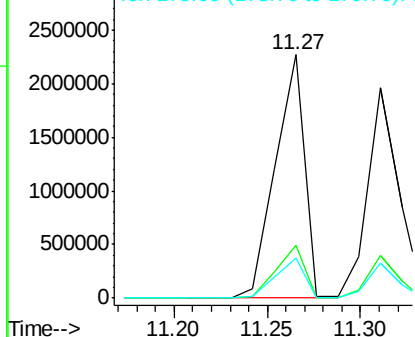


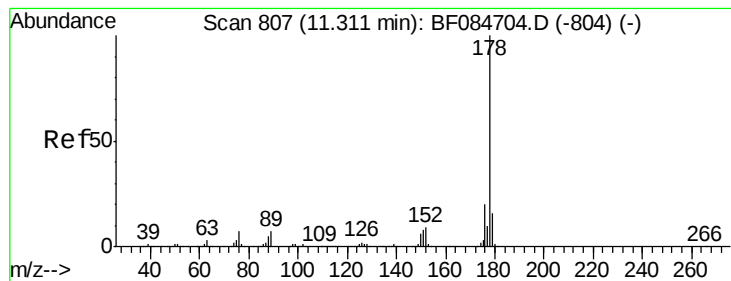
#70
 Phenanthrene
 Concen: 74.08 ng
 RT: 11.27 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Tgt Ion:178 Resp: 2463647
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.3 22.9
 179 16.6 12.0 18.0



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





#71

Anthracene

Concen: 65.12 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

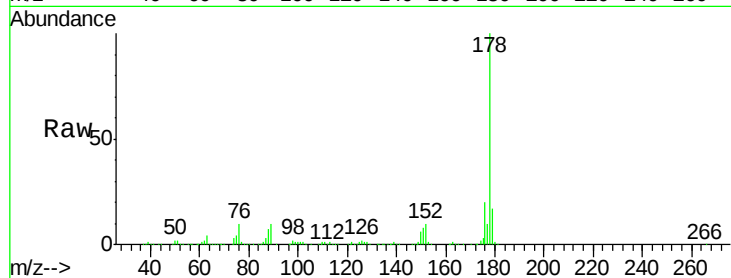
Tot Ion:178 Resp: 2201906

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

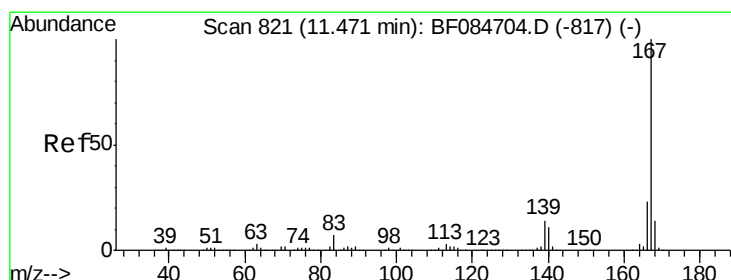
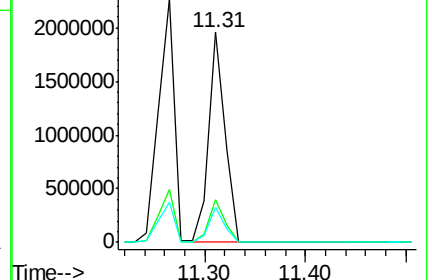
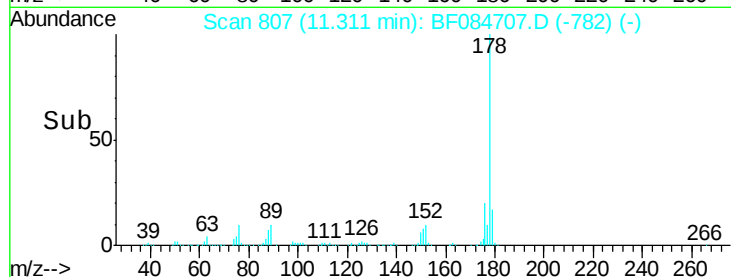
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 64.30 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

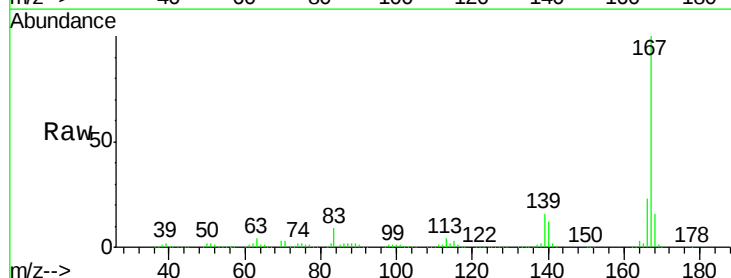
Tgt Ion:167 Resp: 1873759

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

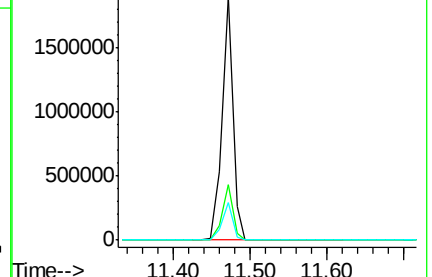
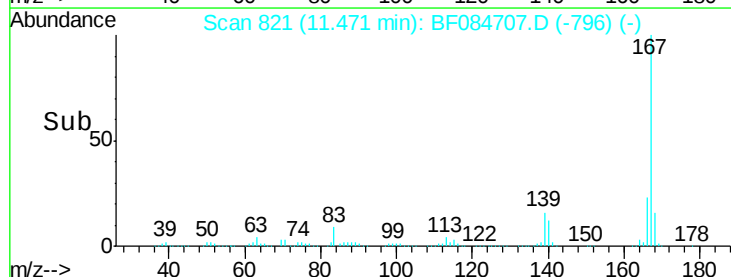
139 15.5 11.8 17.8

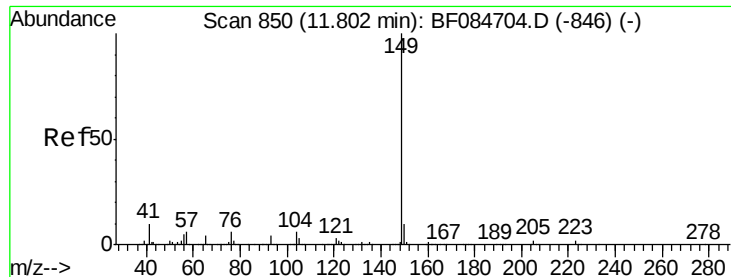


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 78.29 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

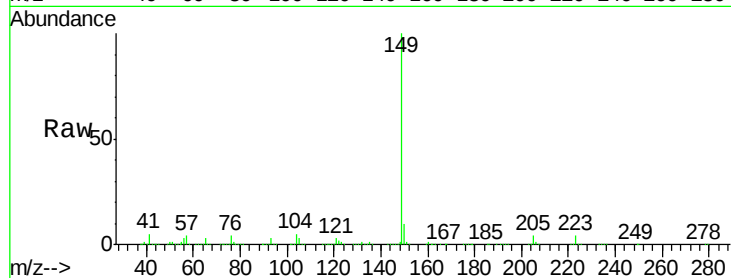
Tot Ion:149 Resp: 2774564

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

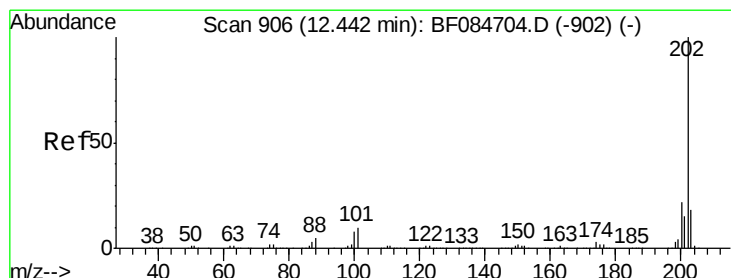
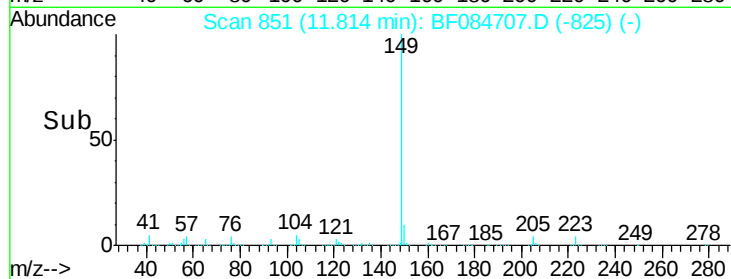
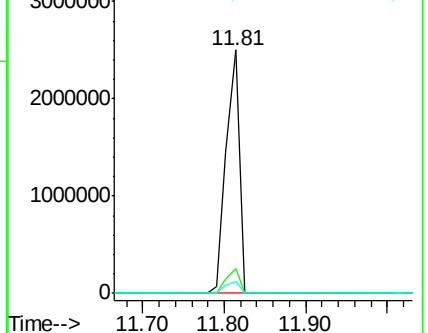
104 5.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 66.11 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

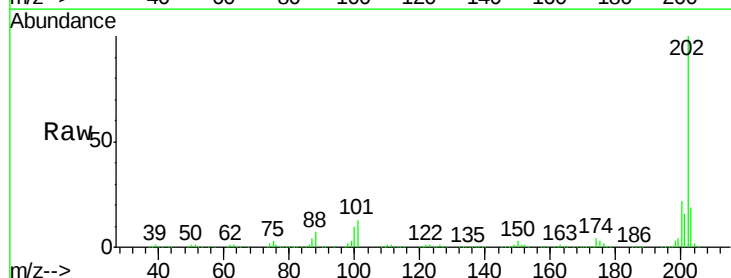
Tgt Ion:202 Resp: 2173778

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

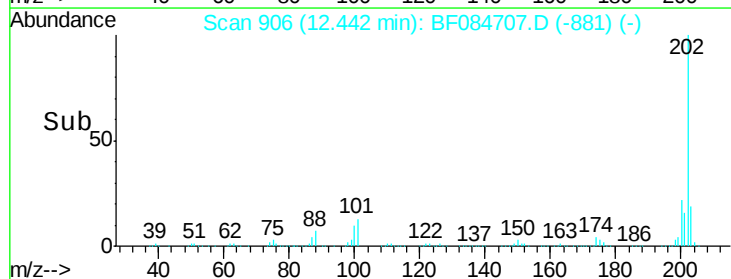
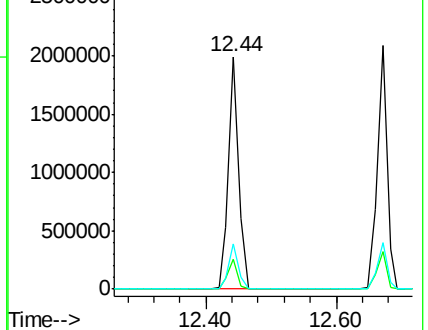
203 19.2 0.0 37.9

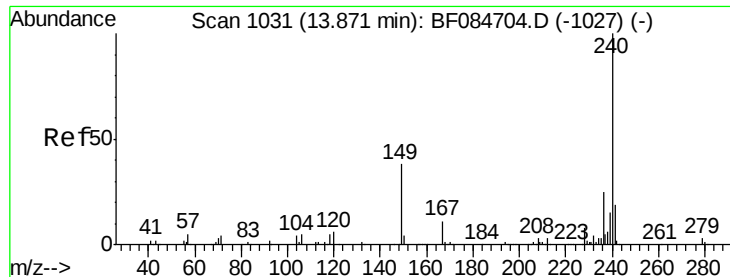


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

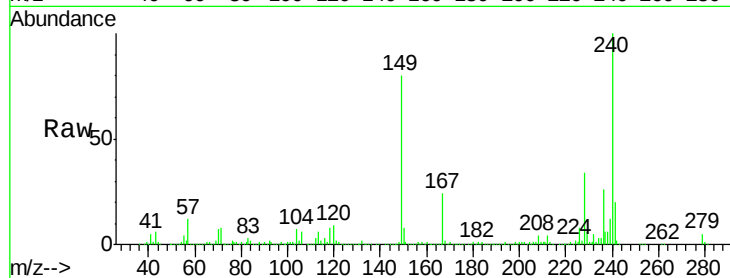
Tot Ion:240 Resp: 432817

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

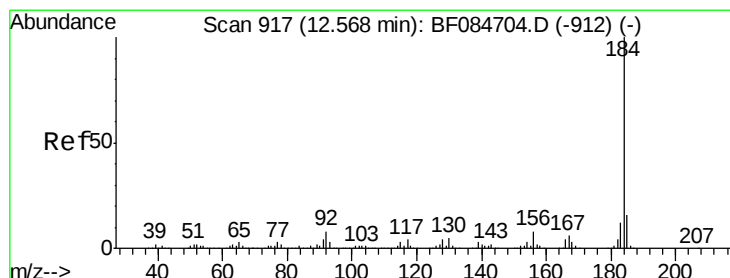
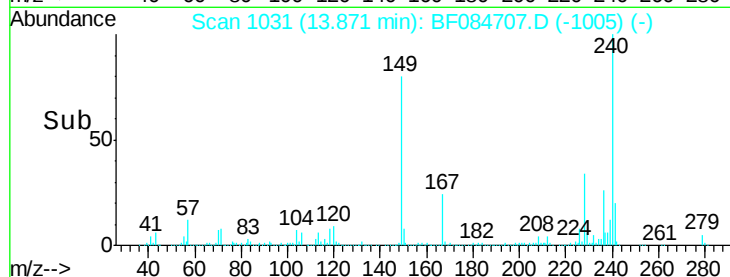
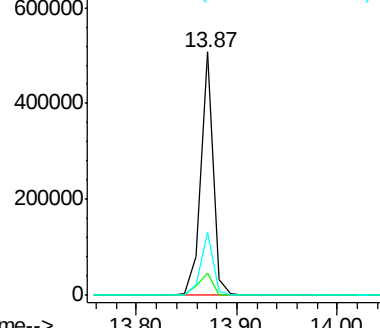
236 25.7 20.6 31.0



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: 56.13 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

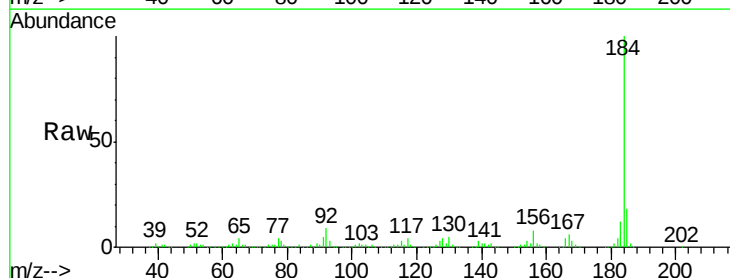
Tgt Ion:184 Resp: 924033

Ion Ratio Lower Upper

184 100

185 18.4 12.2 18.2#

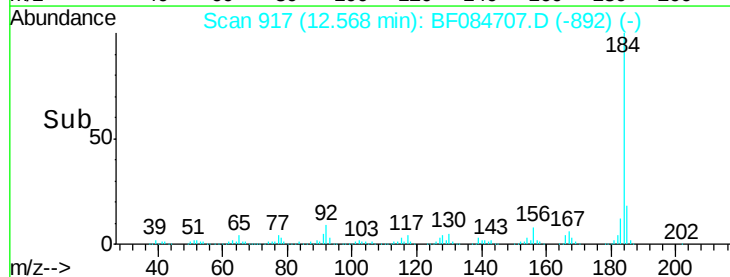
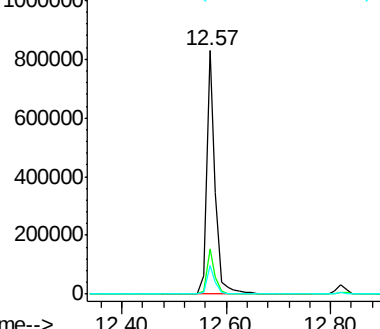
183 11.6 9.8 14.8

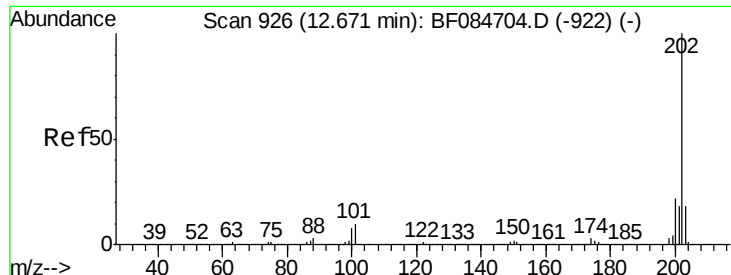


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

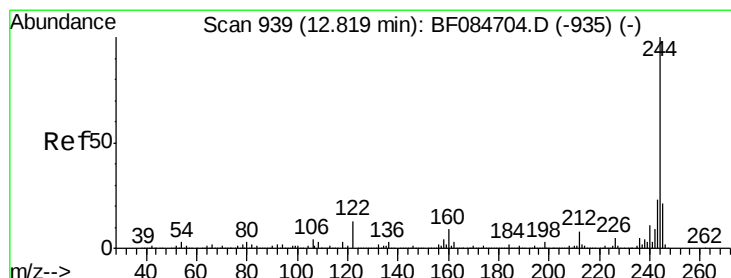
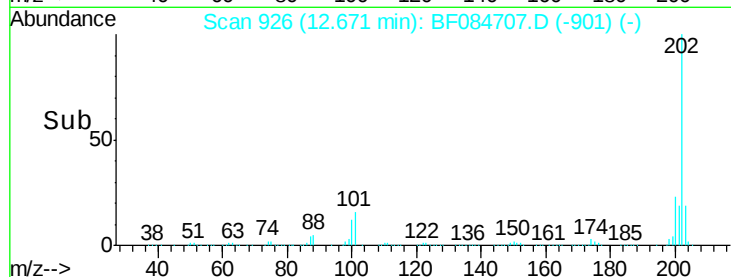
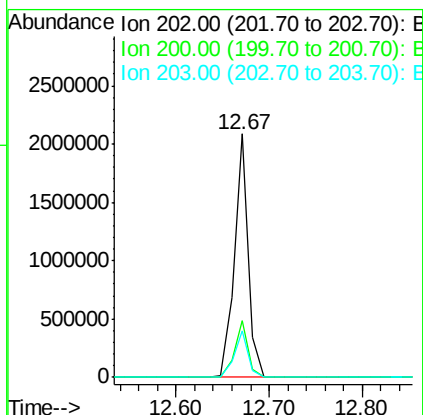
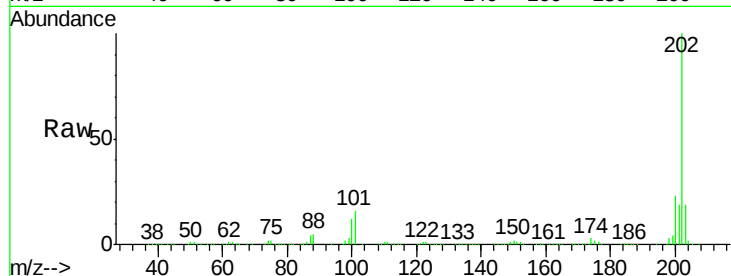




#77
Pvrene
Concen: 66.29 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

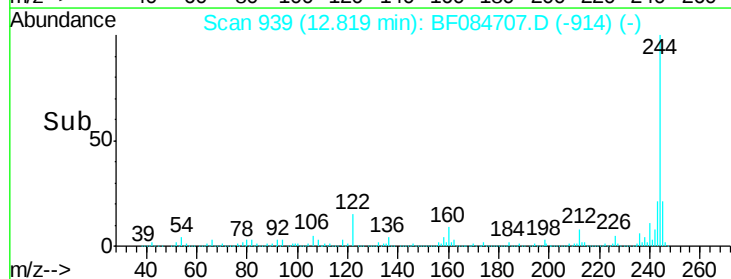
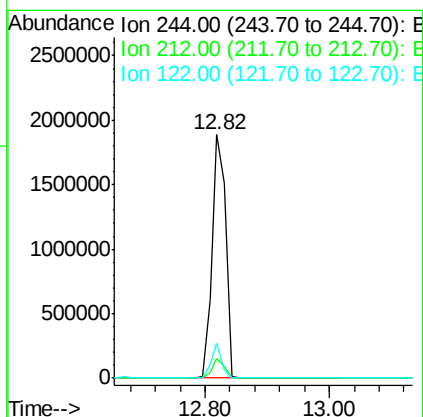
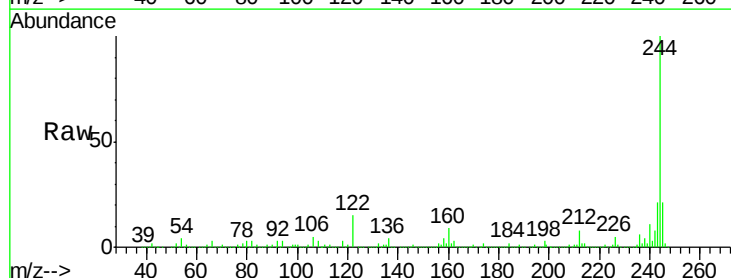
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:202 Resp: 2164194
Ion Ratio Lower Upper
202 100
200 23.3 17.2 25.8
203 19.2 14.3 21.5



#78
Terphenyl-d14
Concen: 144.79 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:244 Resp: 2774805
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 14.6 7.4 11.0#

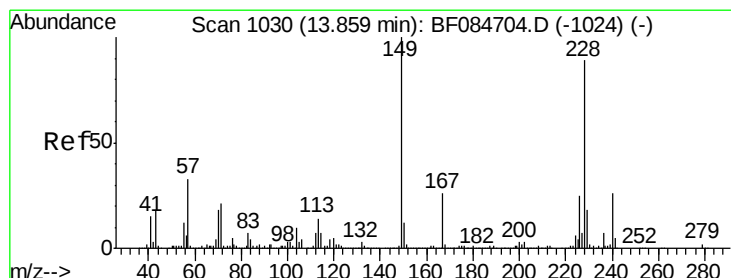
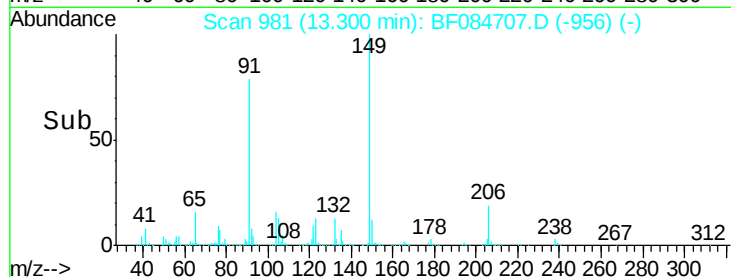
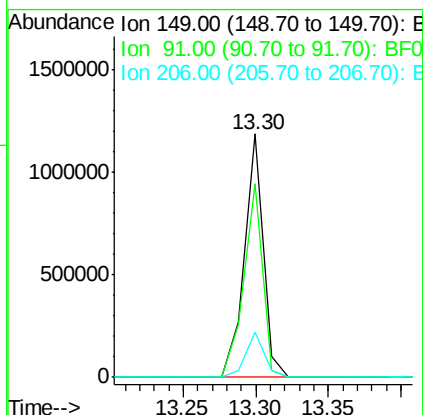
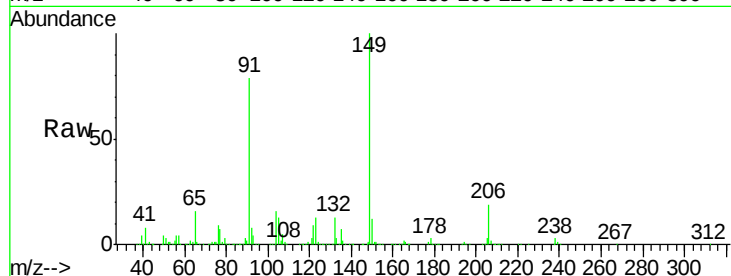




#79
Butylbenzylphthalate
Concen: 76.87 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

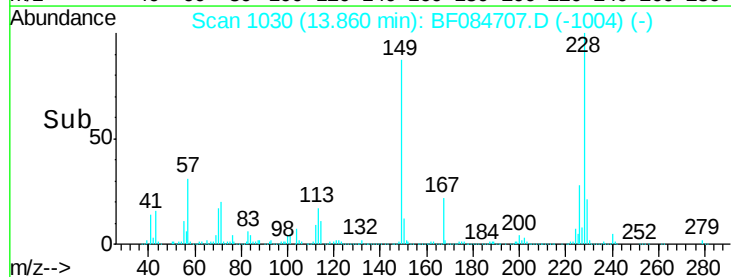
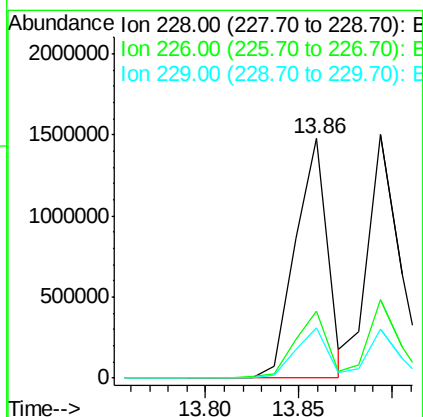
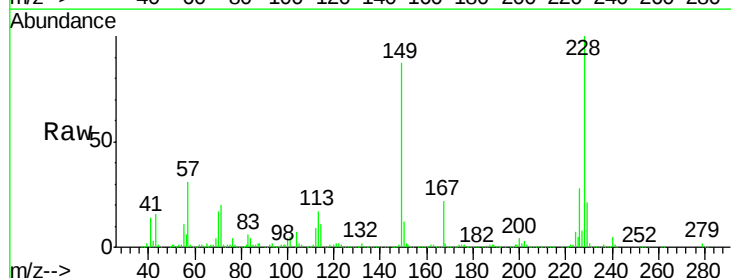
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1071979
Ion Ratio Lower Upper
149 100
91 79.4 57.6 86.4
206 18.5 13.2 19.8



#80
Benzo(a)anthracene
Concen: 65.76 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:228 Resp: 1774116
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 21.3 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 68.63 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

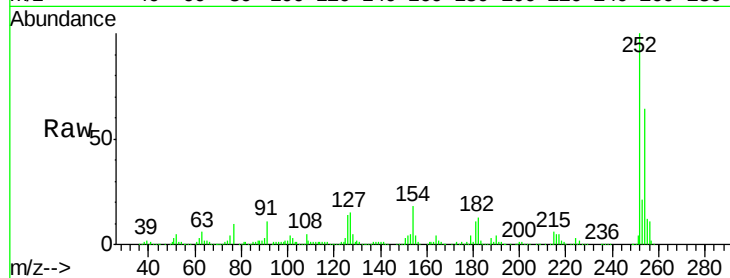
Tot Ion:252 Resp: 651569

Ion Ratio Lower Upper

252 100

254 63.7 53.5 80.3

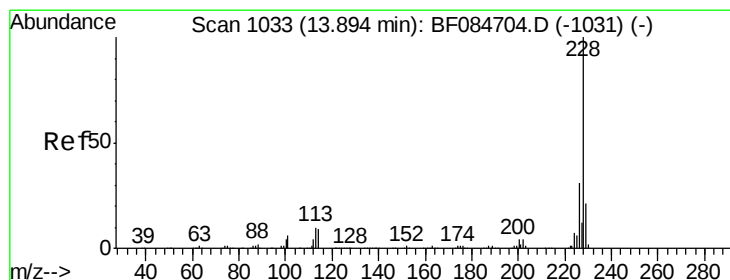
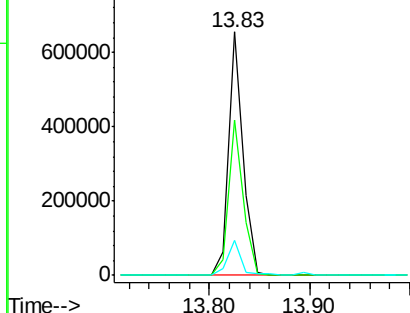
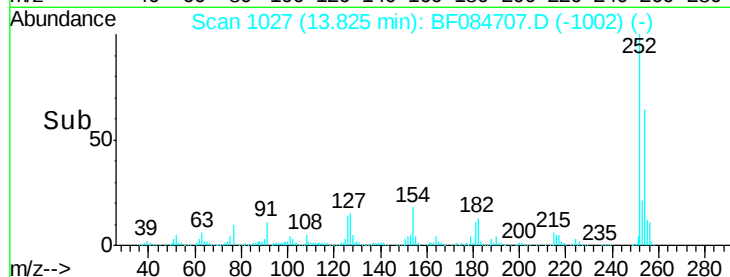
126 14.2 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 63.82 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

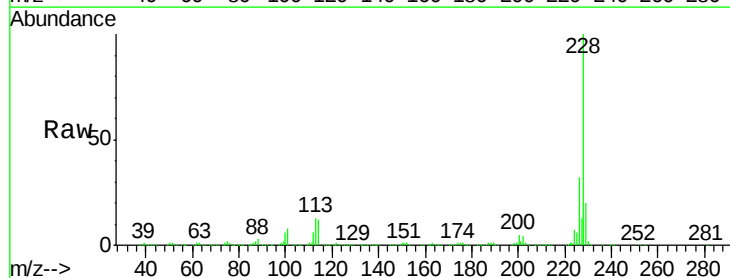
Tgt Ion:228 Resp: 1697201

Ion Ratio Lower Upper

228 100

226 32.0 24.3 36.5

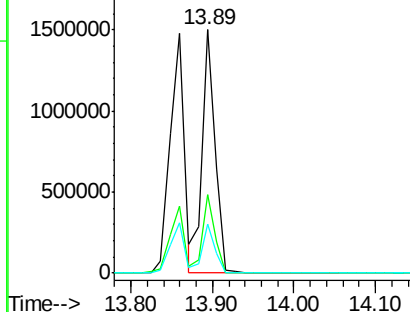
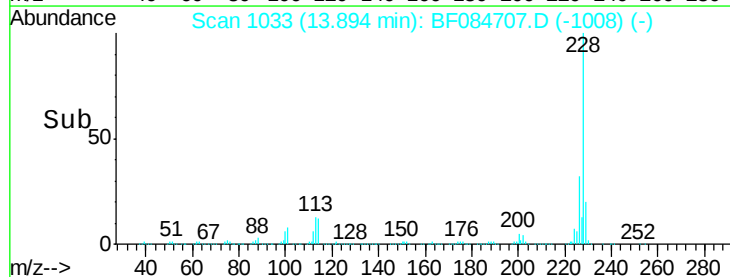
229 20.4 16.1 24.1

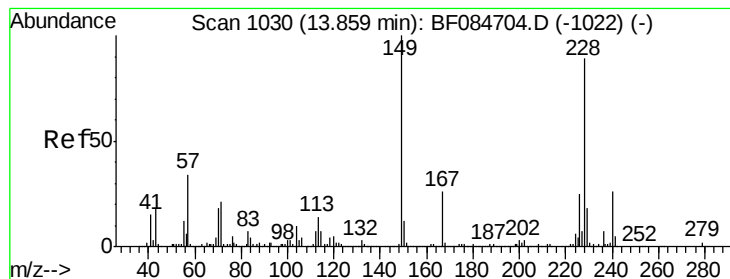


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.15 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

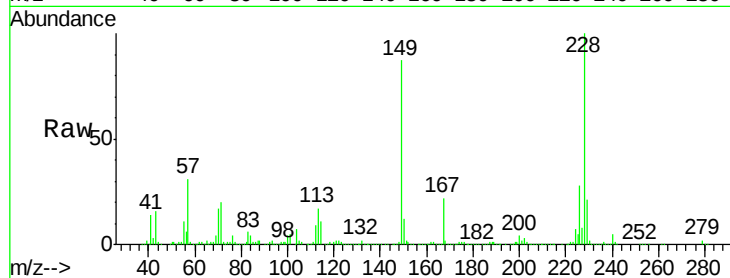
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1287193

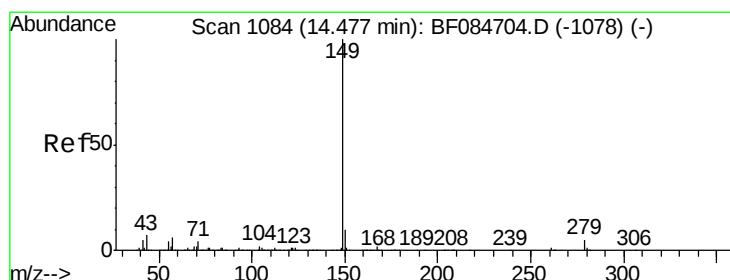
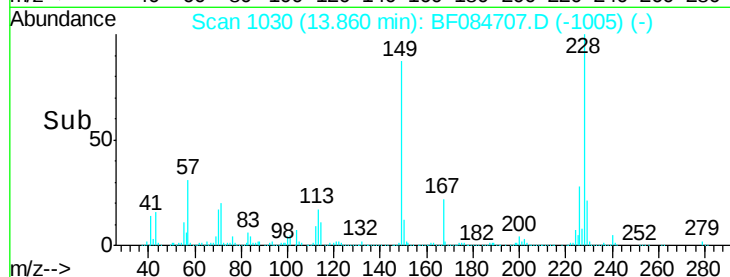
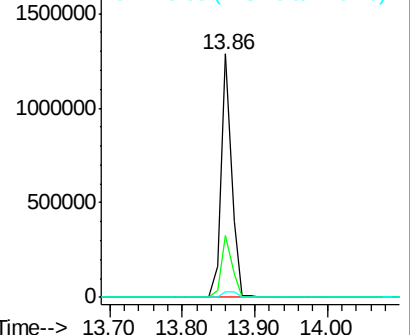
Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.7	29.5
279	2.3	1.8	2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 80.08 ng

RT: 14.48 min Scan# 1084

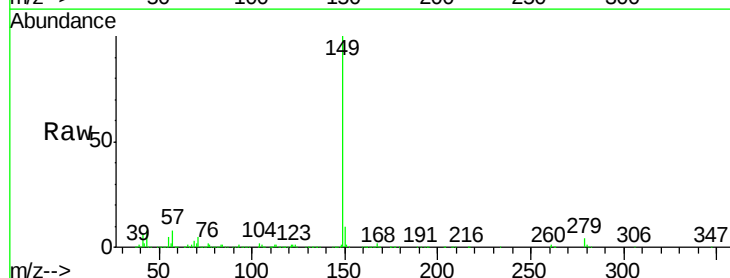
Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Tgt Ion:149 Resp: 2288992

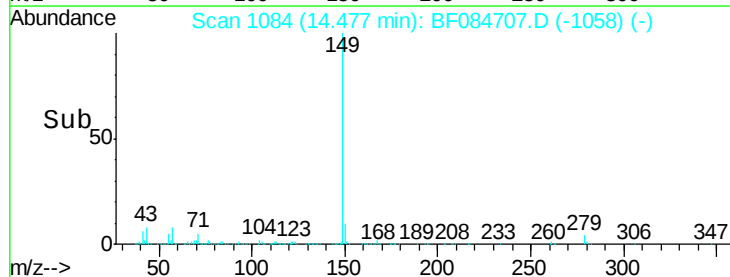
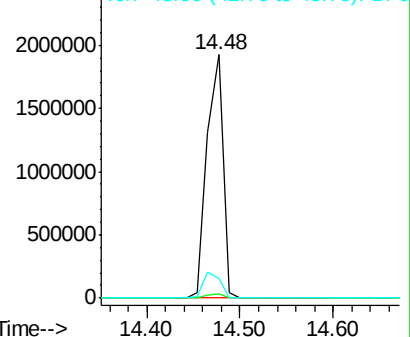
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	5.6	8.4#

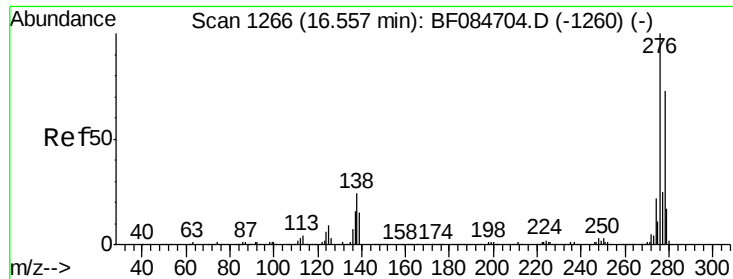


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

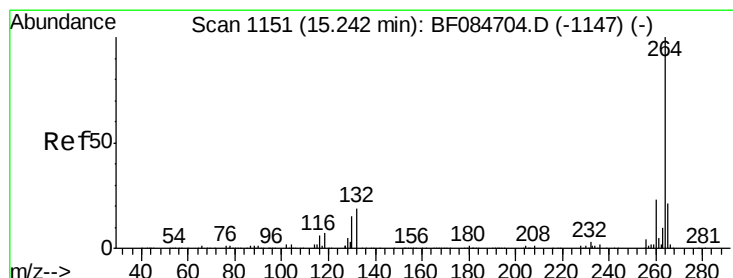
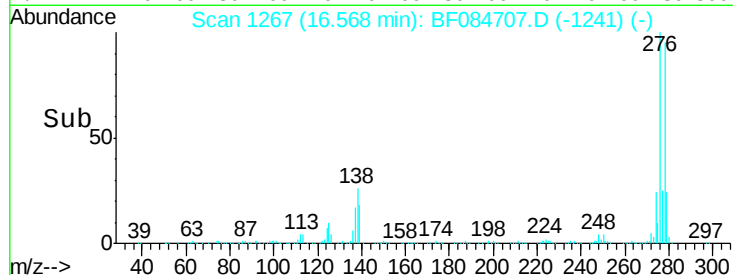
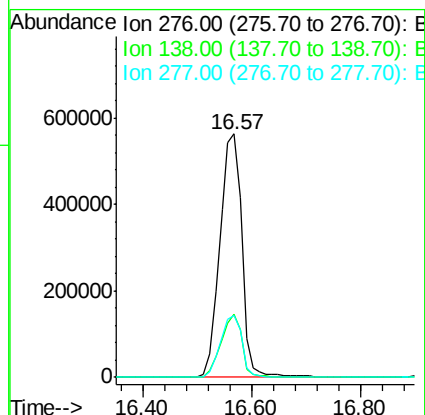
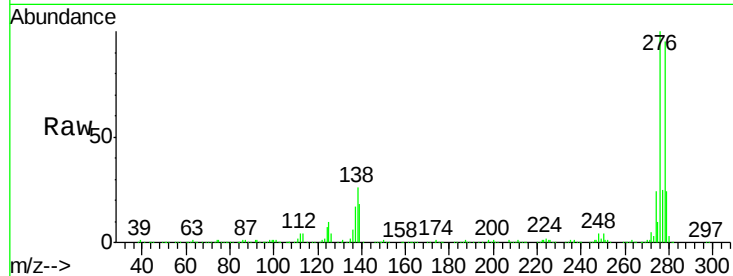




#85
Indeno(1,2,3-cd)pyrene
Concen: 68.27 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

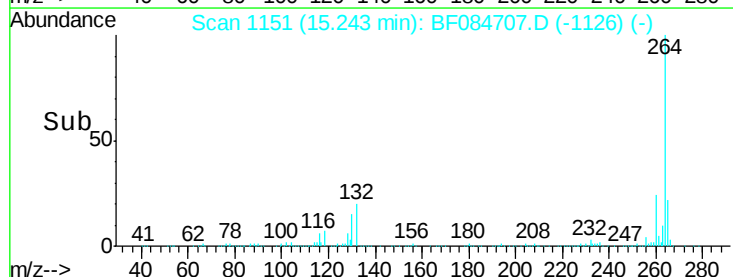
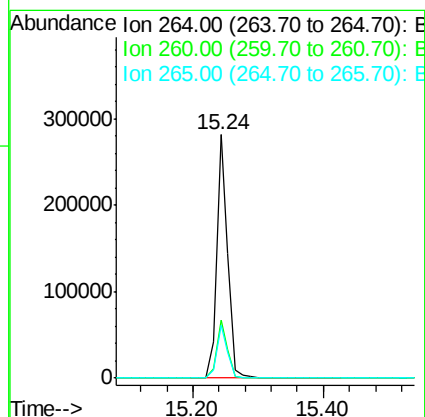
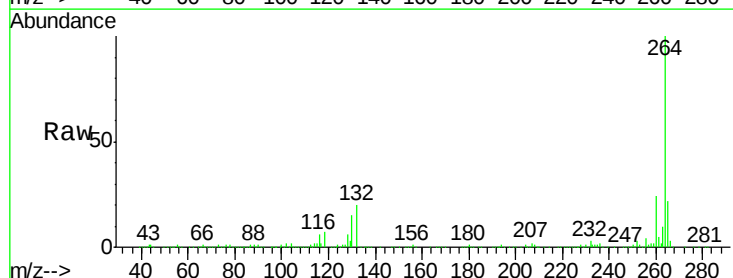
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

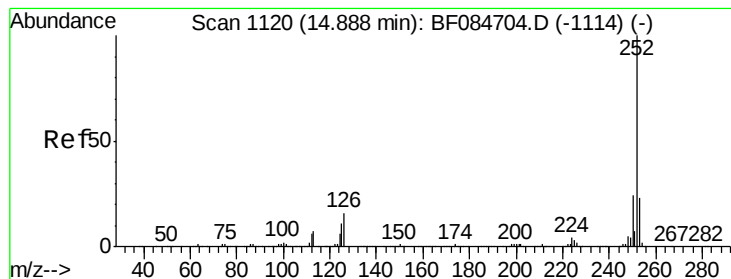
Tot Ion:276 Resp: 1605272
Ion Ratio Lower Upper
276 100
138 24.9 20.6 30.8
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084707.D
Acq: 1 Feb 2016 13:55

Tgt Ion:264 Resp: 333992
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.6 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 142.25 ng

RT: 14.90 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

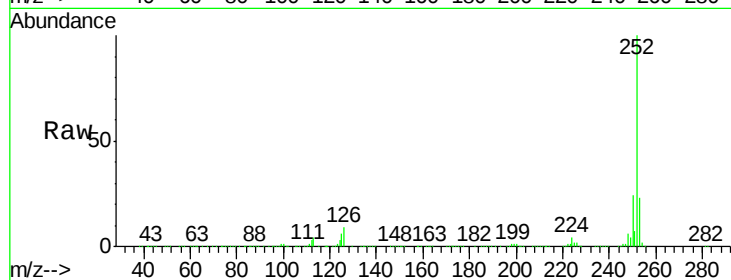
Tot Ion:252 Resp: 3076427

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

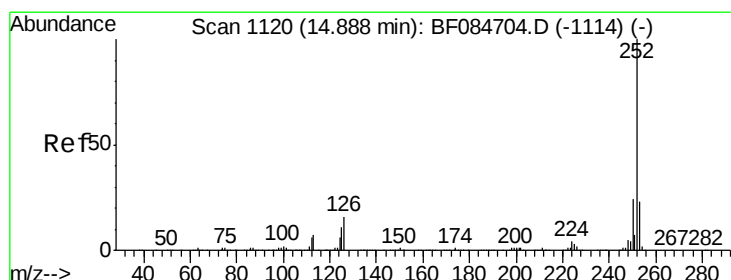
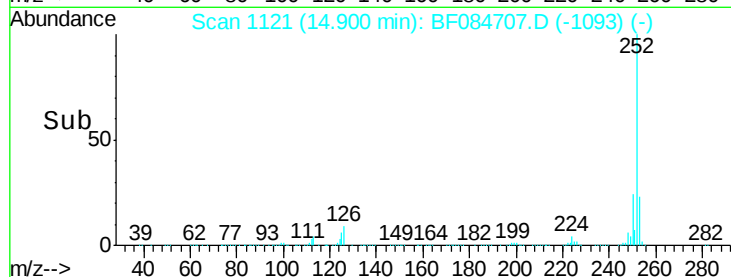
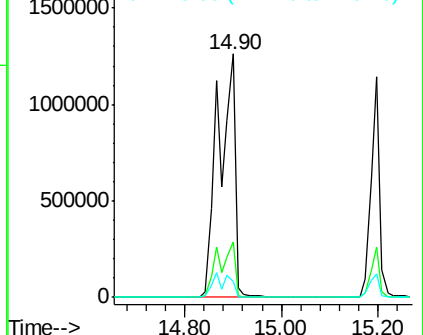
125 6.4 6.5 9.7#



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: 172.30 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

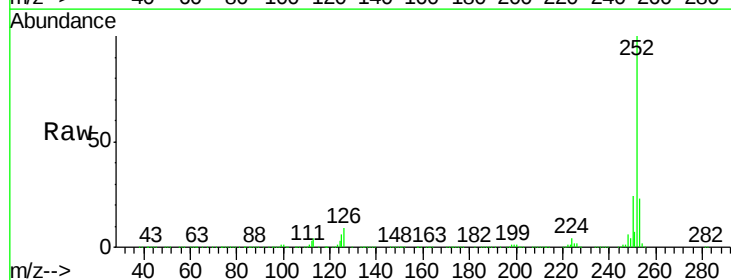
Tgt Ion:252 Resp: 3077962

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

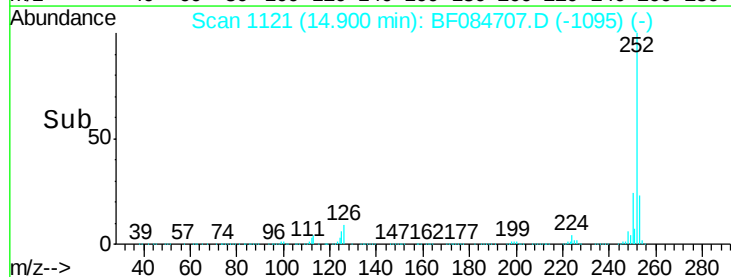
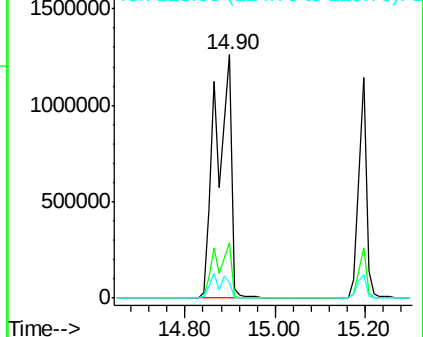
125 6.4 9.0 13.6#



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: 75.35 ng

RT: 15.20 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

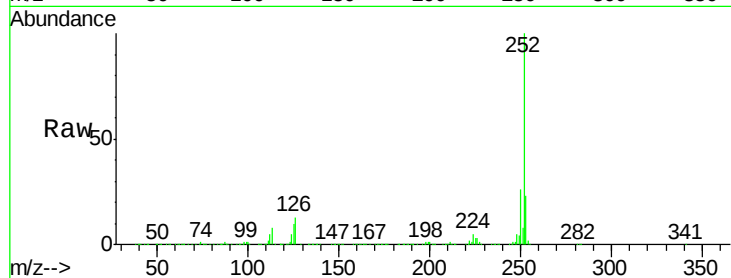
Tot Ion:252 Resp: 1409764

Ion Ratio Lower Upper

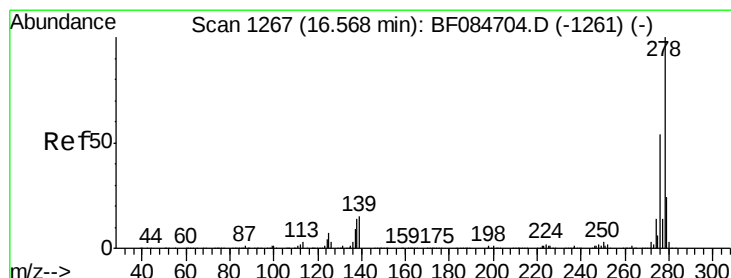
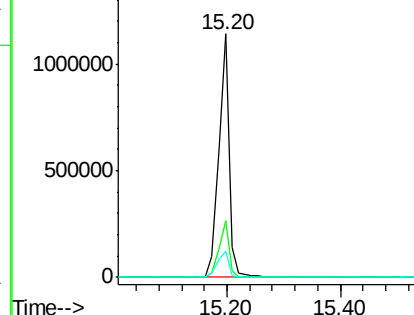
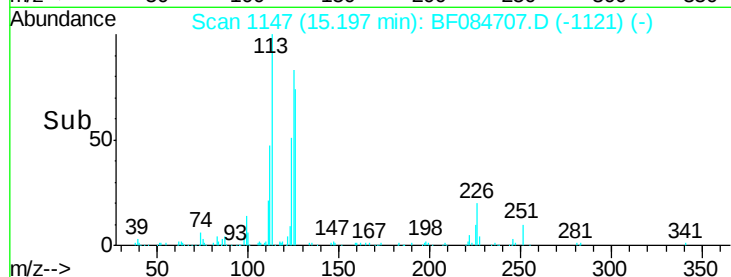
252 100

253 23.1 17.3 25.9

125 10.4 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 77.62 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084707.D

Acq: 1 Feb 2016 13:55

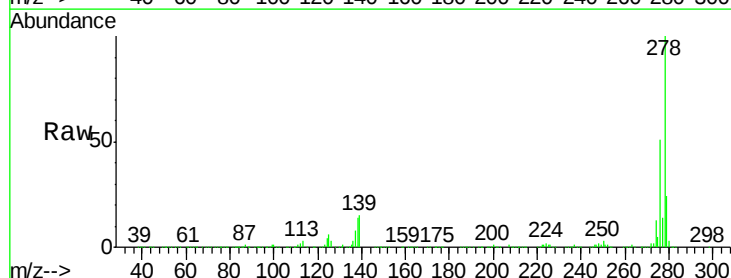
Tgt Ion:278 Resp: 1308710

Ion Ratio Lower Upper

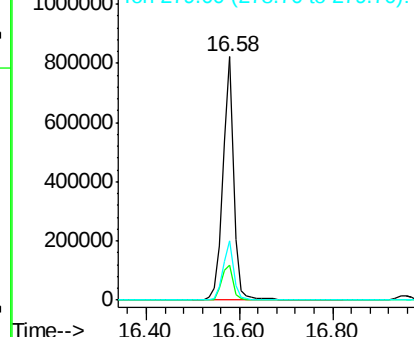
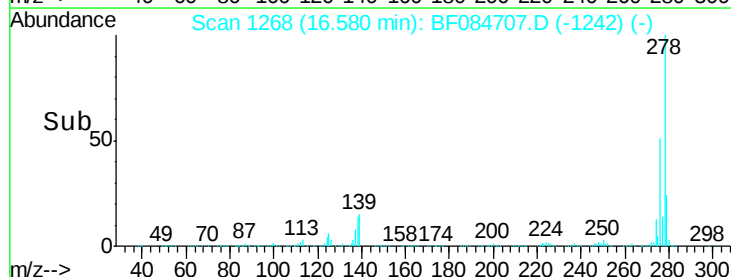
278 100

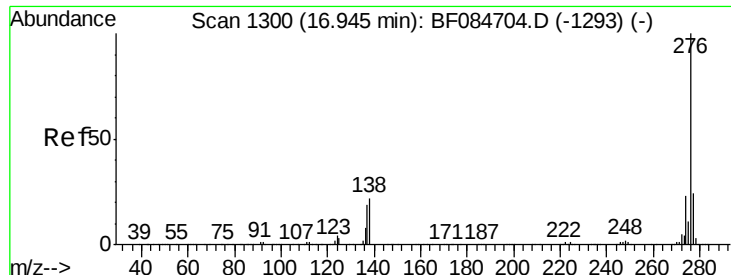
139 14.5 15.0 22.4#

279 24.2 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: 81.36 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF084707.D
 Acq: 1 Feb 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 276 Resp: 1384956
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 21.7 17.8 26.6

