

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084732.D
 Acq On : 2 Feb 2016 1:55
 Operator : SJ/IZ
 Sample : H1294-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Quant Time: Feb 02 03:36:51 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 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159025	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	627555	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	302004	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	588211	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	405795	20.00	ng	-0.01
86) Perylene-d12	15.24	264	341197	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1193249	116.88	ng	0.00
7) Phenol-d6	6.36	99	1601770	126.55	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1081841	97.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	448904	142.50	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1735320	105.07	ng	-0.01
78) Terphenyl-d14	12.82	244	1640822	91.63	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	148629	33.24	ng	# 76
3) Pyridine	2.93	79	429648	36.87	ng	# 75
4) n-Nitrosodimethylamine	2.89	42	221528	36.76	ng	# 82
6) Aniline	6.37	93	438592	28.32	ng	# 56
8) 2-Chlorophenol	6.50	128	470952	40.75	ng	96
9) Benzaldehyde	6.26	77	197998	26.49	ng	86
10) Phenol	6.37	94	454933	32.08	ng	# 50
11) bis(2-Chloroethyl)ether	6.45	93	397990	35.99	ng	# 82
12) 1,3-Dichlorobenzene	6.89	146	408342	33.44	ng	97
13) 1,4-Dichlorobenzene	6.73	146	450310	36.89	ng	97
14) 1,2-Dichlorobenzene	6.73	146	450310	39.61	ng	100
15) Benzyl Alcohol	6.86	79	378847	43.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	685369	36.85	ng	86
17) 2-Methylphenol	6.99	107	365034	39.94	ng	93
18) Hexachloroethane	7.22	117	172027	36.60	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	323736	40.80	ng	# 80
20) 3+4-Methylphenols	7.14	107	430245	37.93	ng	# 81
22) Acetophenone	7.13	105	622775	37.65	ng	99
24) Nitrobenzene	7.30	77	435191	36.48	ng	95
25) Isophorone	7.54	82	830115	38.32	ng	98
26) 2-Nitrophenol	7.62	139	252295	42.88	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	378163	36.95	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	497763	38.73	ng	99
29) 2,4-Dichlorophenol	7.86	162	354185	40.45	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	376695	38.09	ng	96
31) Naphthalene	8.02	128	1207888	38.37	ng	99
32) Benzoic acid	7.74	122	21299	3.25	ng	92
33) 4-Chloroaniline	8.08	127	318813	24.49	ng	94
34) Hexachlorobutadiene	8.14	225	231419	40.58	ng	99
35) Caprolactam	8.44	113	114243	42.33	ng	# 40
36) 4-Chloro-3-methylphenol	8.57	107	395876	39.63	ng	94
37) 2-Methylnaphthalene	8.72	142	884423	44.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334003	34.82	ng	97
40) Hexachlorocyclopentadiene	8.86	237	310630	75.21	ng	98

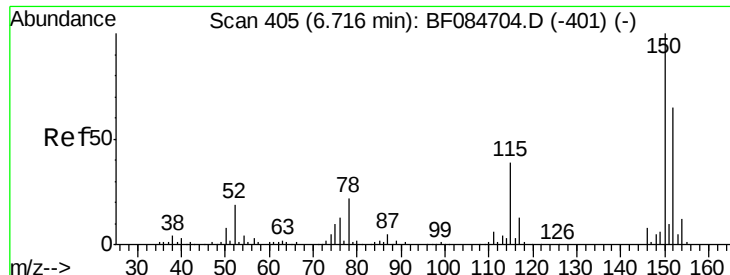
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241354	39.06	ng	91
43) 2,4,5-Trichlorophenol	9.04	196	249287	39.70	ng	# 84
45) 1,1'-Biphenyl	9.17	154	965270	35.78	ng	98
46) 2-Chloronaphthalene	9.20	162	718770	36.18	ng	96
47) 2-Nitroaniline	9.30	65	240782	38.28	ng	98
48) Acenaphthylene	9.61	152	1166790	38.71	ng	99
49) Dimethylphthalate	9.49	163	1150131	50.00	ng	# 91
50) 2,6-Dinitrotoluene	9.55	165	211893	42.17	ng	98
51) Acenaphthene	9.79	154	745027	37.99	ng	97
52) 3-Nitroaniline	9.71	138	160171	28.37	ng	96
53) 2,4-Dinitrophenol	9.82	184	100953	46.17	ng	# 81
54) Dibenzofuran	9.96	168	1051383	43.86	ng	98
55) 4-Nitrophenol	9.89	139	314407	75.76	ng	# 84
56) 2,4-Dinitrotoluene	9.95	165	285355	44.52	ng	93
57) Fluorene	10.29	166	767436	38.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	208142	43.55	ng	93
59) Diethylphthalate	10.18	149	886331	39.46	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	375201	44.54	ng	98
61) 4-Nitroaniline	10.33	138	225662	41.01	ng	91
62) Azobenzene	10.45	77	994711	46.06	ng	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	131759	36.29	ng	# 56
65) n-Nitrosodiphenylamine	10.42	169	786269	42.10	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	262163	40.35	ng	98
67) Hexachlorobenzene	10.84	284	260567	36.81	ng	# 89
68) Atrazine	10.94	200	219345	37.19	ng	99
69) Pentachlorophenol	11.05	266	255126	76.69	ng	97
70) Phenanthrene	11.25	178	1200020	36.78	ng	98
71) Anthracene	11.31	178	1307559	39.78	ng	100
72) Carbazole	11.47	167	1125162	39.25	ng	# 97
73) Di-n-butylphthalate	11.80	149	1286822	35.26	ng	# 96
74) Fluoranthene	12.44	202	1329232	40.26	ng	93
76) Benzidine	12.57	184	498168	34.62	ng	98
77) Pyrene	12.66	202	1298507	41.79	ng	99
79) Butylbenzylphthalate	13.30	149	601354	42.67	ng	# 85
80) Benzo(a)anthracene	13.85	228	1010515	40.12	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	181284	20.33	ng	# 93
82) Chrysene	13.88	228	944118	38.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	752093	42.88	ng	# 96
84) Di-n-octyl phthalate	14.47	149	1188808	41.08	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.55	276	823175	42.82	ng	99
87) Benzo(b)fluoranthene	14.89	252	1681298	73.34	ng	98
88) Benzo(k)fluoranthene	14.89	252	1681298	88.70	ng	# 96
89) Benzo(a)pyrene	15.19	252	765610	39.20	ng	# 97
90) Dibenzo(a,h)anthracene	16.56	278	671526	40.84	ng	98
91) Benzo(g,h,i)perylene	16.93	276	695124	41.97	ng	98

(#) = 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

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

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ClientSampleId :

EP002MS

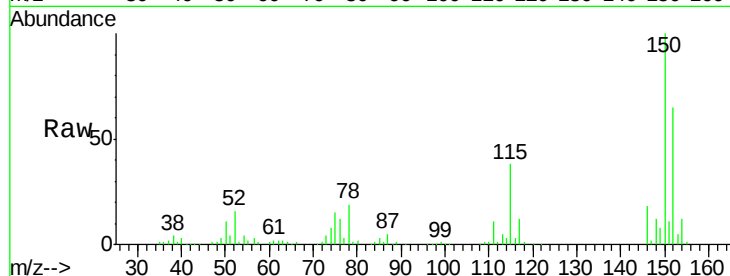
Tgt Ion:152 Resp: 159025

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

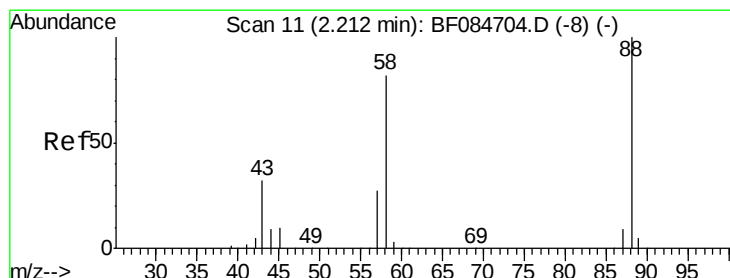
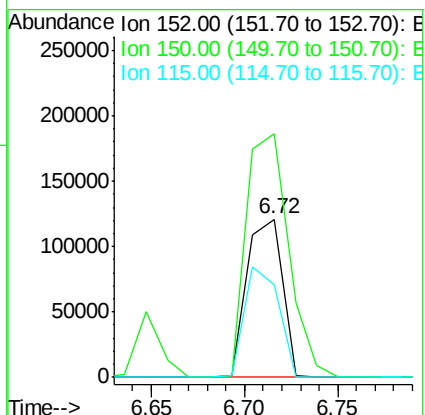
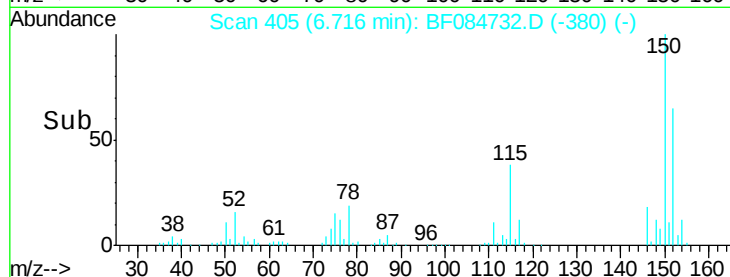
115 58.6 51.4 77.2



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: 33.24 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.03 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

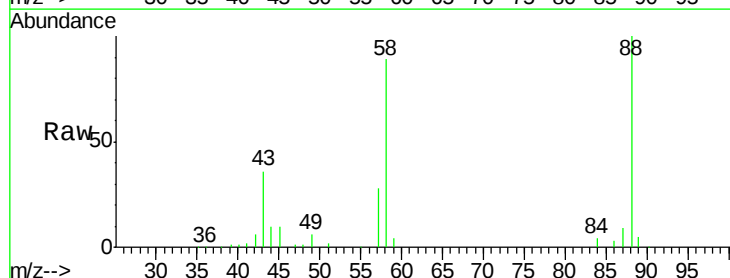
Tgt Ion: 88 Resp: 148629

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

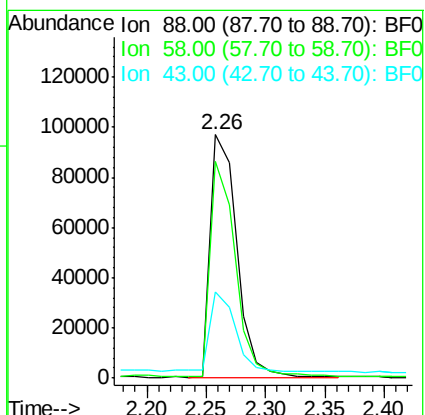
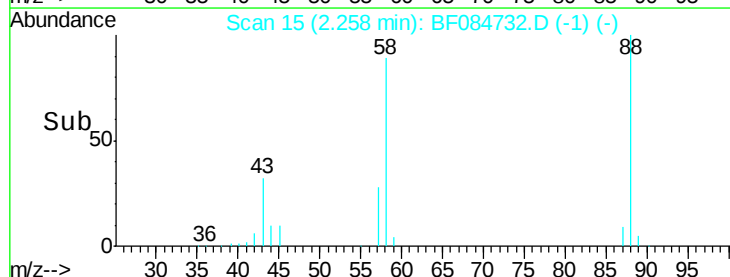
43 32.6 19.5 29.3#

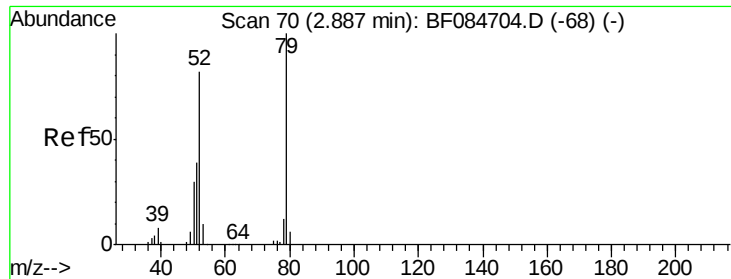


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.87 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

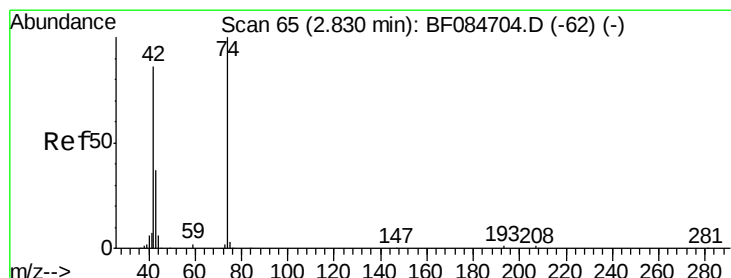
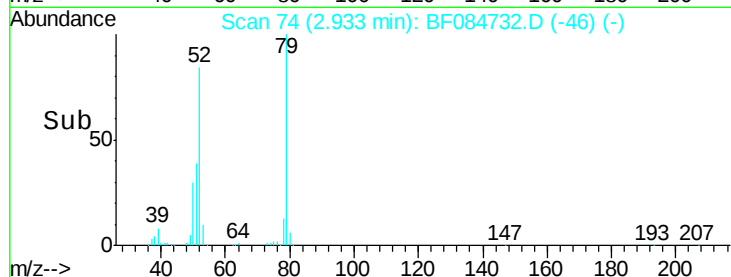
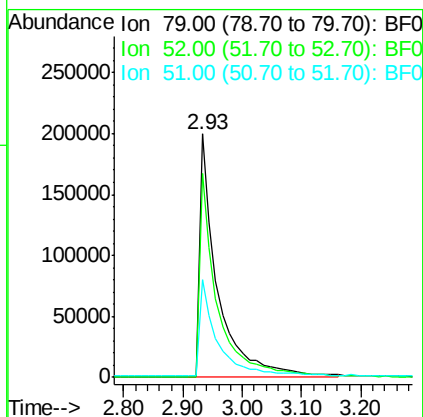
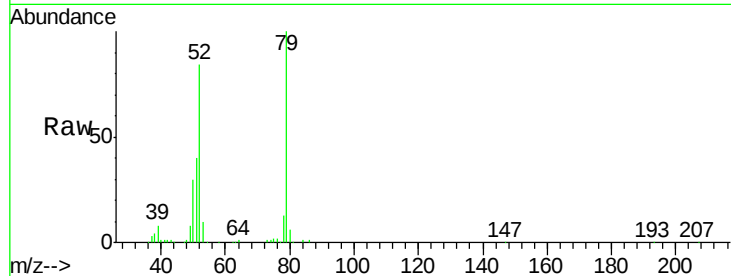
Tgt Ion: 79 Resp: 429648

Ion Ratio Lower Upper

79 100

52 83.7 49.0 73.4#

51 40.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 36.76 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.03 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

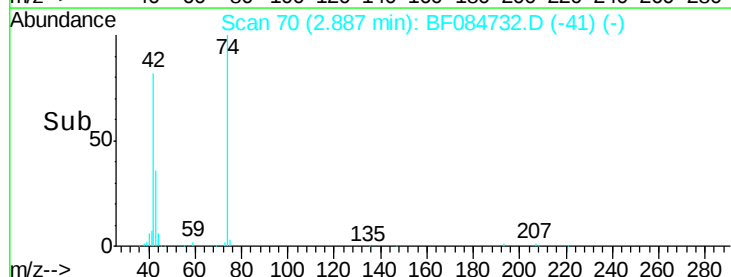
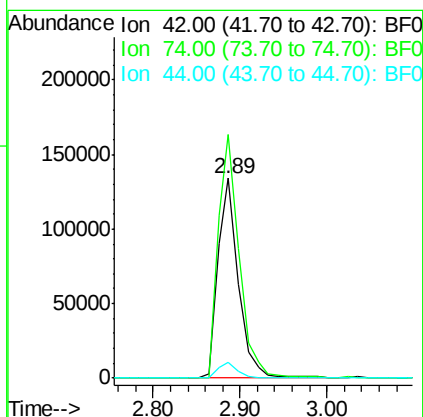
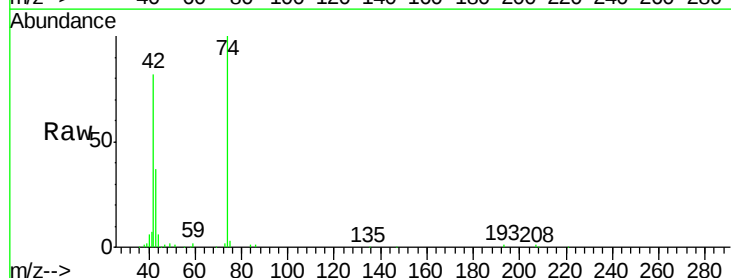
Tgt Ion: 42 Resp: 221528

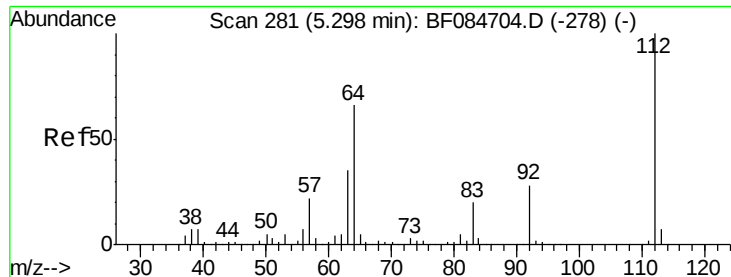
Ion Ratio Lower Upper

42 100

74 121.9 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 116.88 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

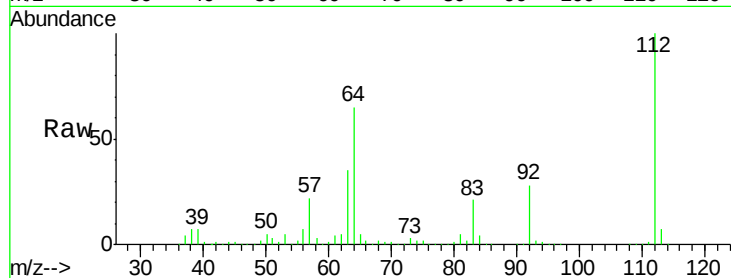
Tgt Ion:112 Resp: 1193249

Ion Ratio Lower Upper

112 100

64 65.3 36.6 55.0#

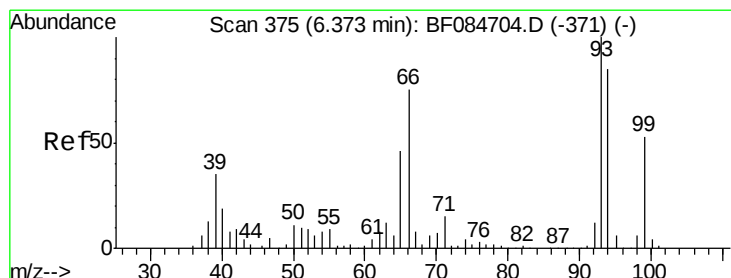
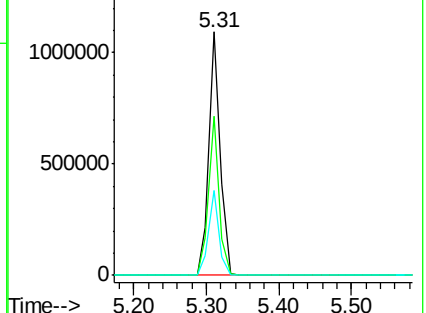
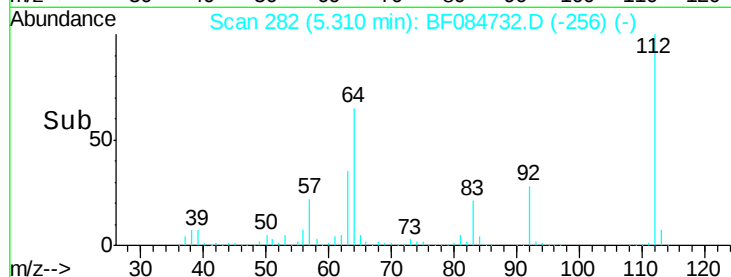
63 34.9 19.4 29.0#



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: 28.32 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

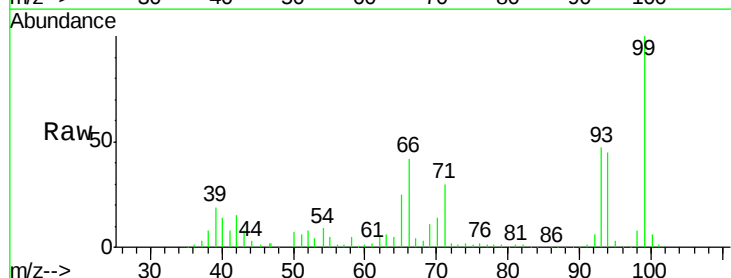
Tgt Ion: 93 Resp: 438592

Ion Ratio Lower Upper

93 100

66 88.2 44.9 67.3#

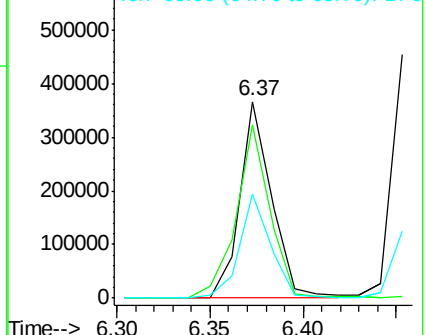
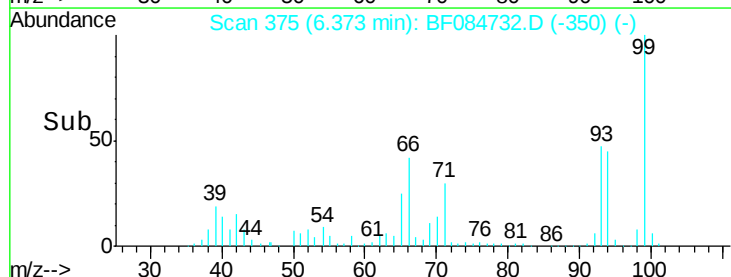
65 52.8 23.7 35.5#

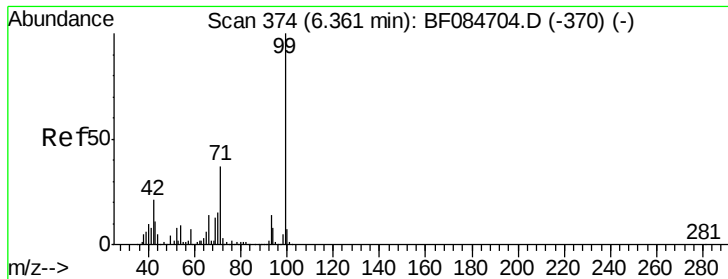


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampled :

EP002MS

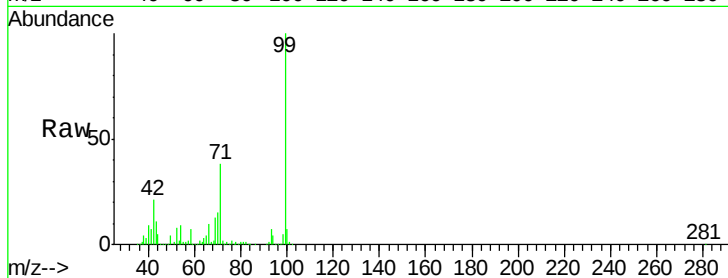
Tgt Ion: 99 Resp: 1601770

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

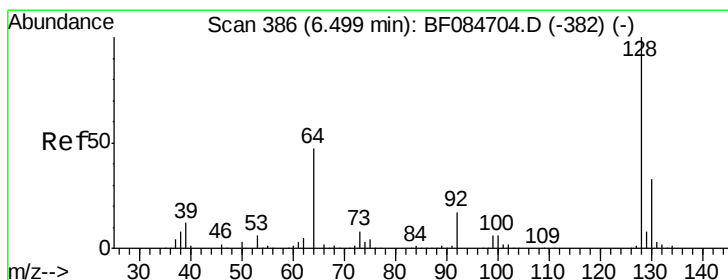
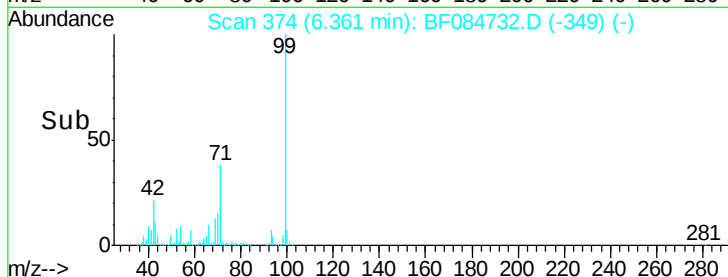
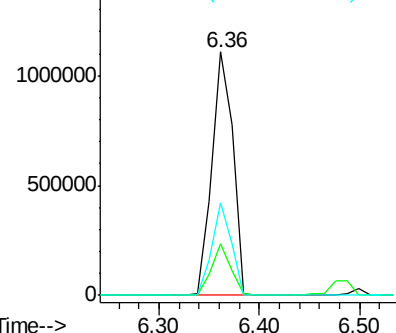
71 38.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

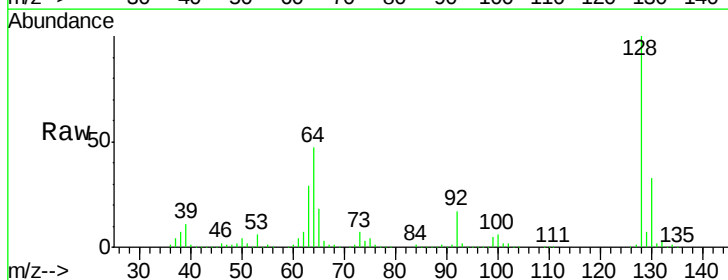
Tgt Ion: 128 Resp: 470952

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

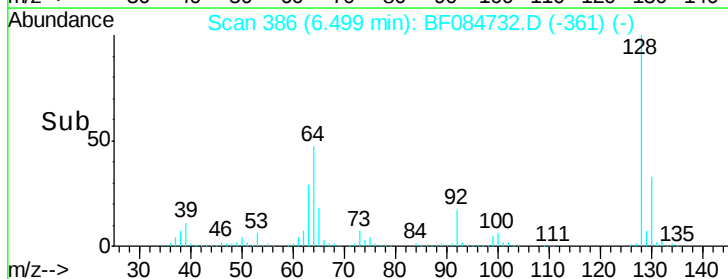
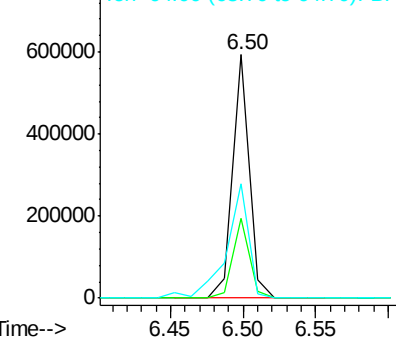
64 46.9 23.8 63.8

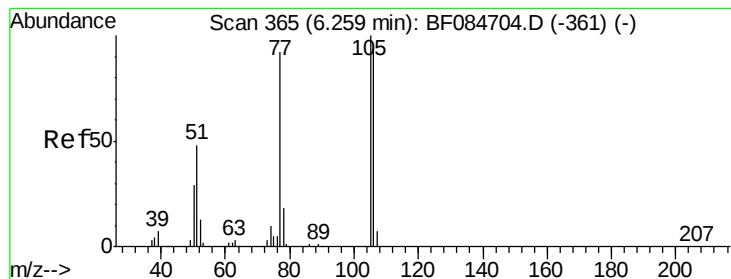


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.49 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

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ClientSampleId :

EP002MS

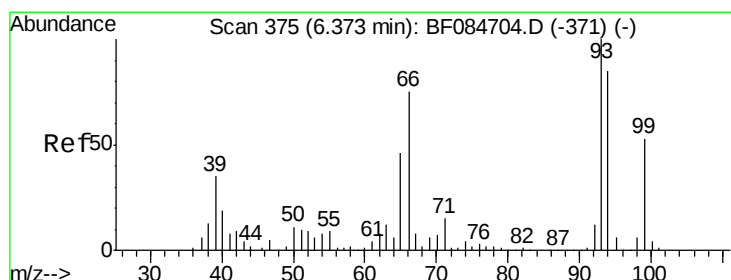
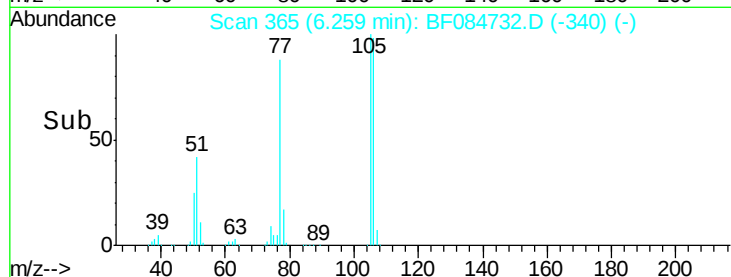
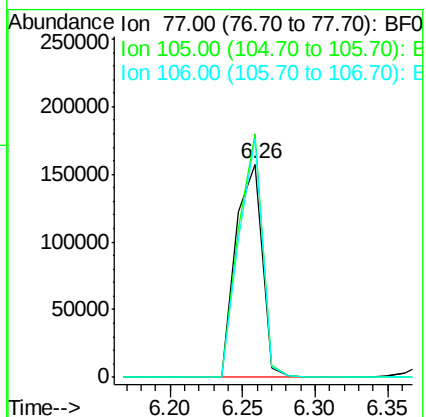
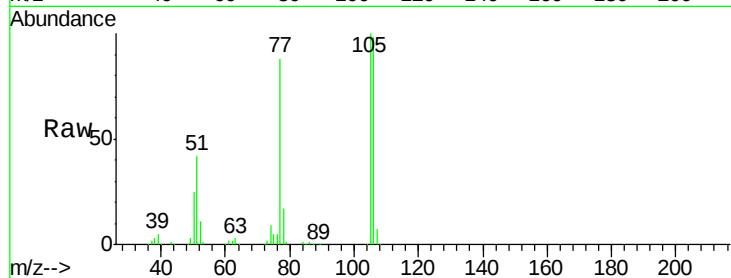
Tgt Ion: 77 Resp: 197998

Ion Ratio Lower Upper

77 100

105 114.1 83.0 123.0

106 111.5 74.6 114.6



#10

Phenol

Concen: 32.08 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

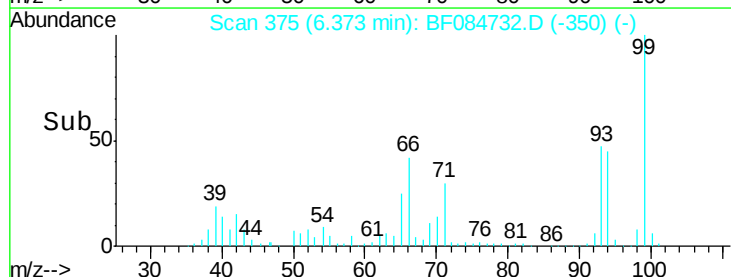
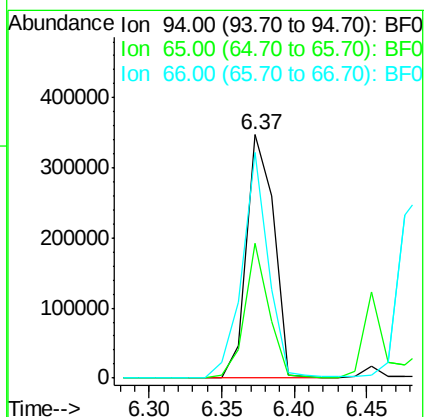
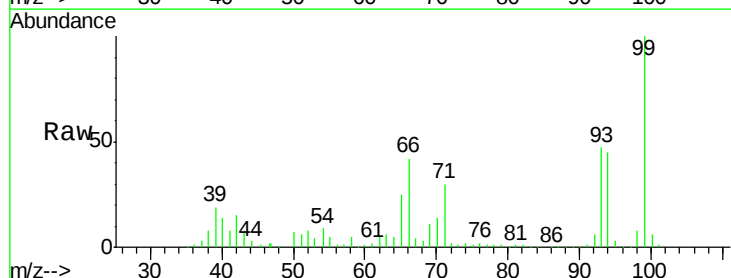
Tgt Ion: 94 Resp: 454933

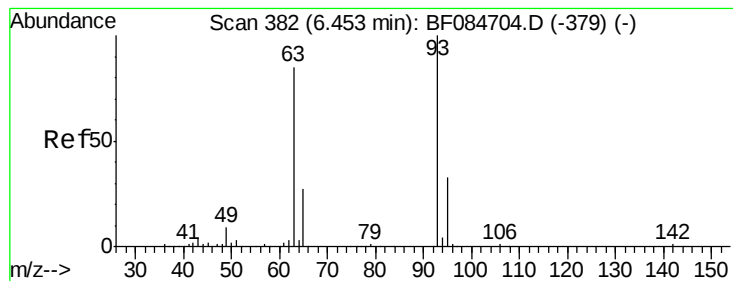
Ion Ratio Lower Upper

94 100

65 55.5 12.9 52.9#

66 92.9 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 35.99 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

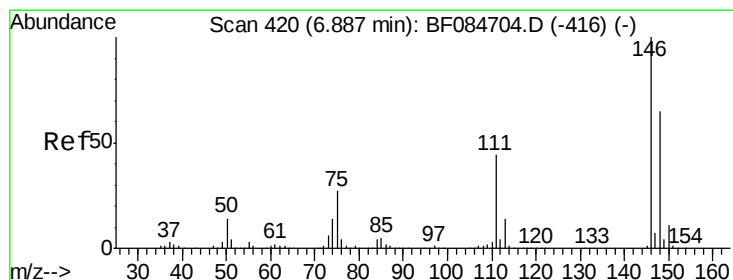
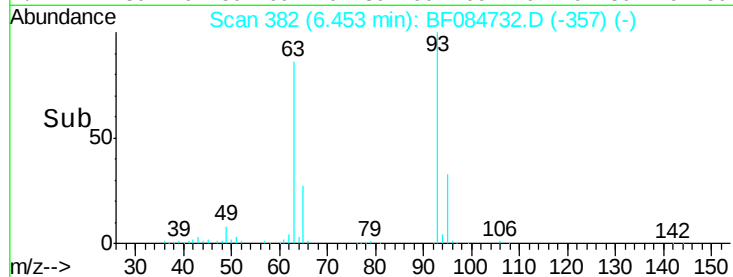
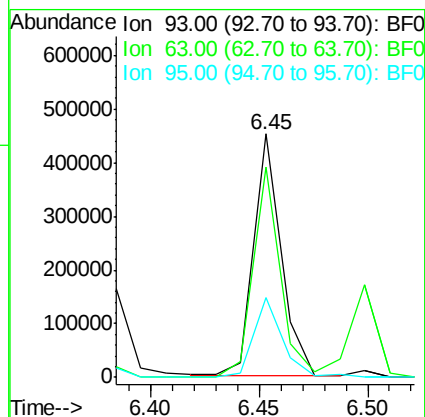
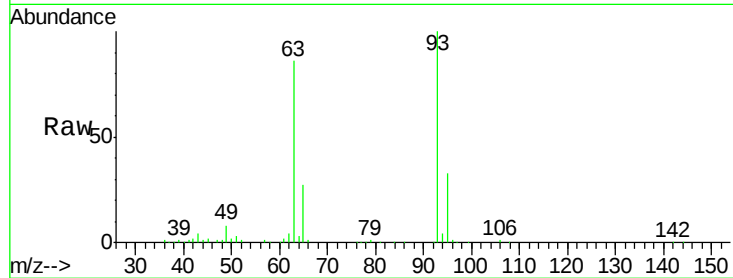
Tgt Ion: 93 Resp: 397990

Ion Ratio Lower Upper

93 100

63 86.5 45.9 85.9#

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 33.44 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

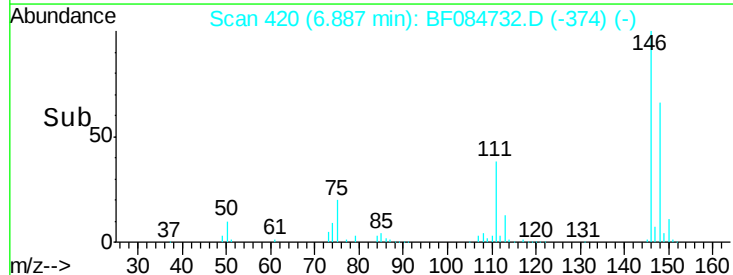
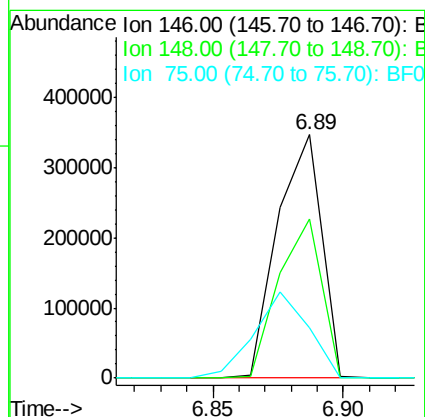
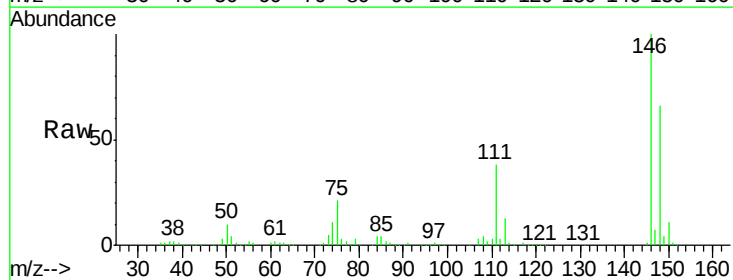
Tgt Ion: 146 Resp: 408342

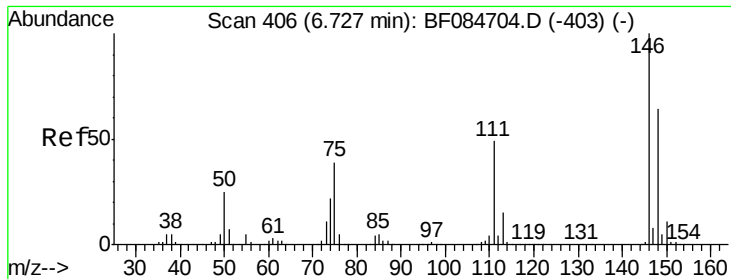
Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

75 20.9 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 36.89 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

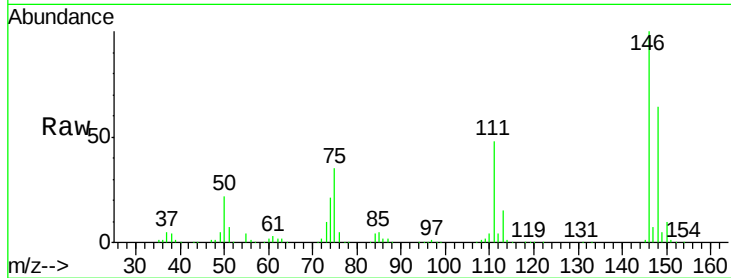
Tgt Ion:146 Resp: 450310

Ion Ratio Lower Upper

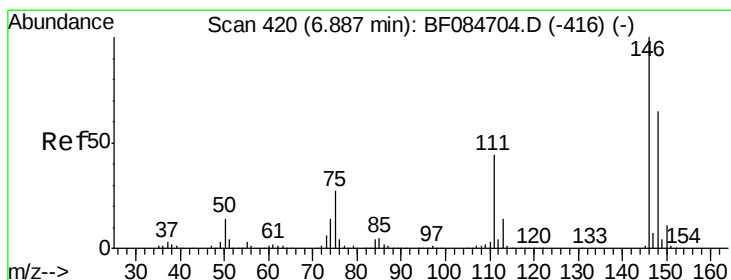
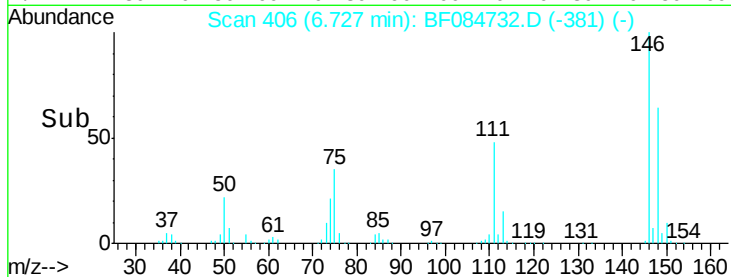
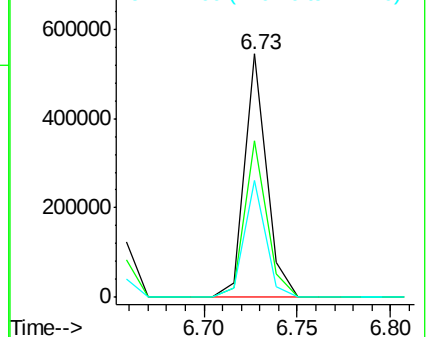
146 100

148 64.2 51.9 77.9

111 47.9 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.61 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.17 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

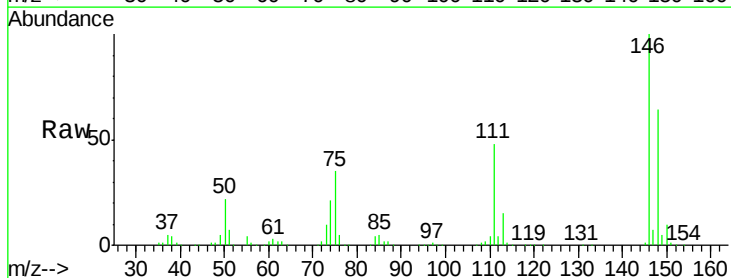
Tgt Ion:146 Resp: 450310

Ion Ratio Lower Upper

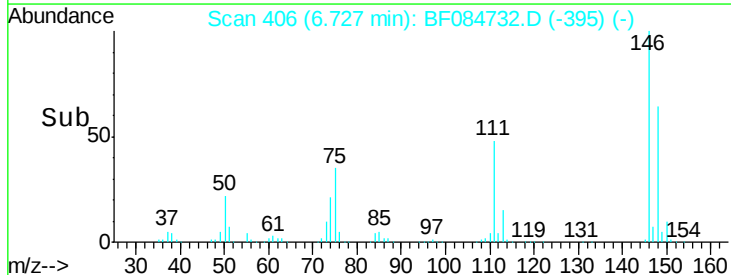
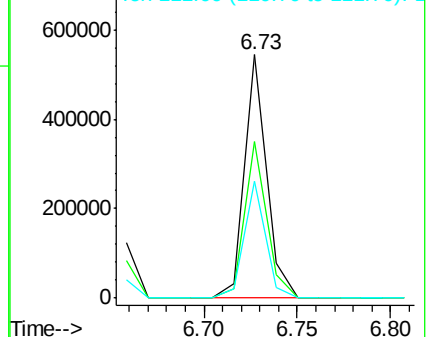
146 100

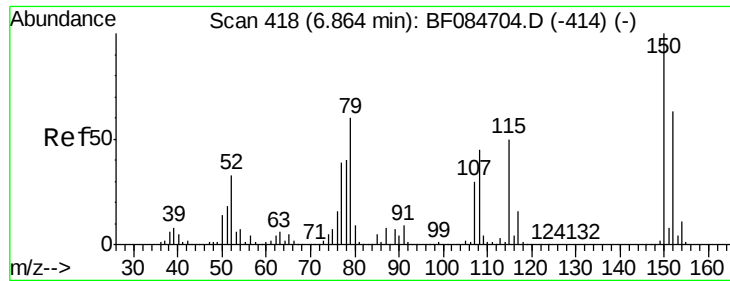
148 64.2 51.6 77.4

111 47.9 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: 43.35 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleID :

EP002MS

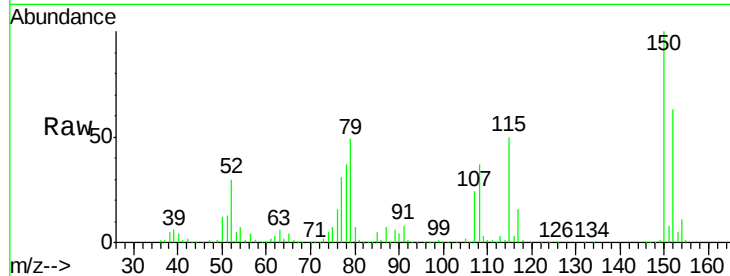
Tgt Ion: 79 Resp: 378847

Ion Ratio Lower Upper

79 100

108 76.1 69.0 103.4

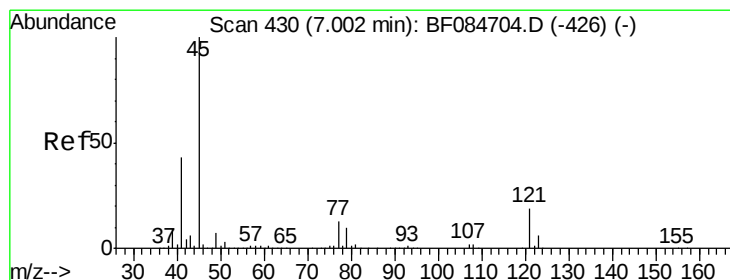
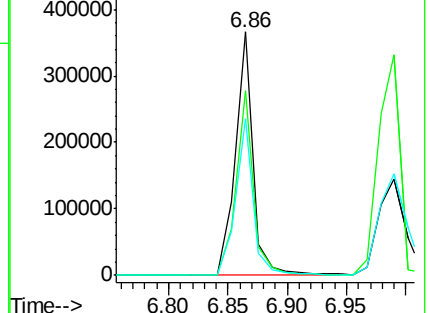
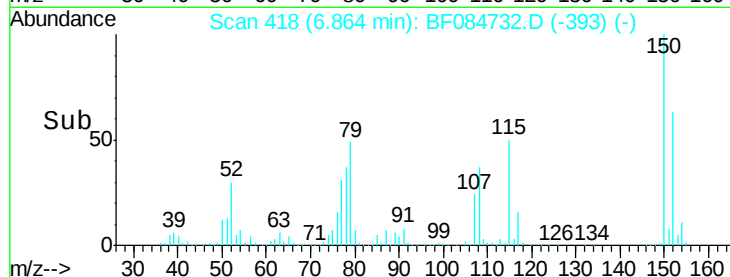
77 64.5 50.0 75.0



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: 36.85 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

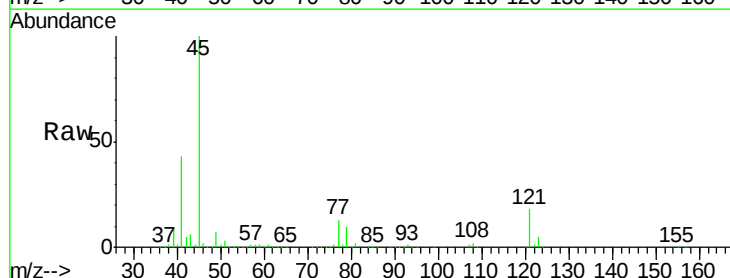
Tgt Ion: 45 Resp: 685369

Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

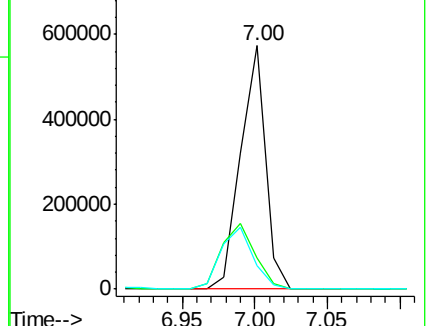
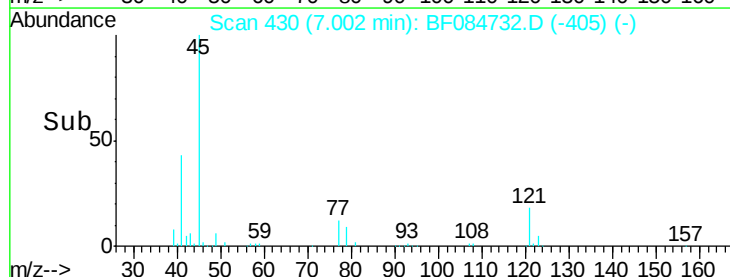
79 9.8 0.0 35.0

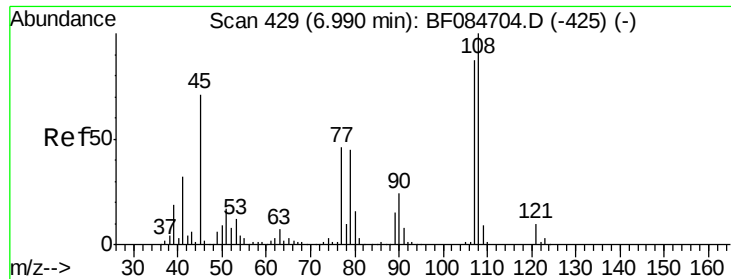


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

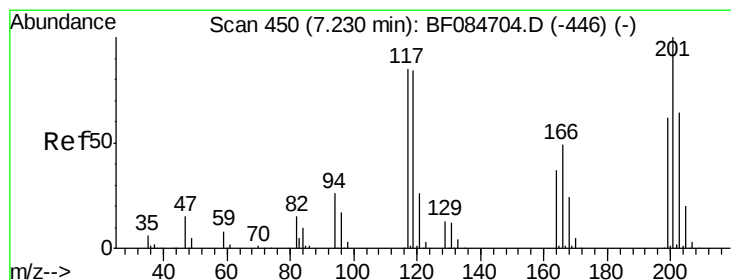
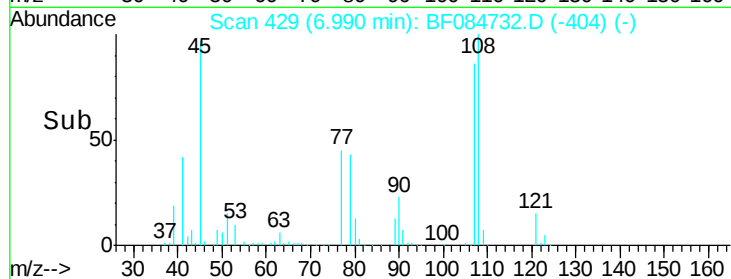
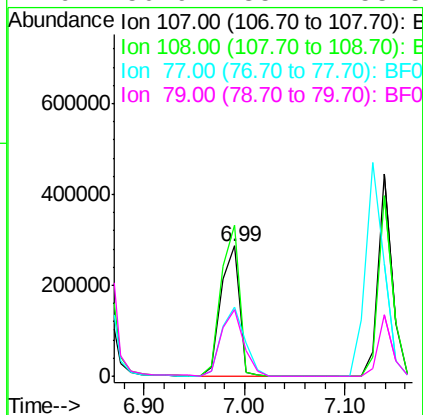
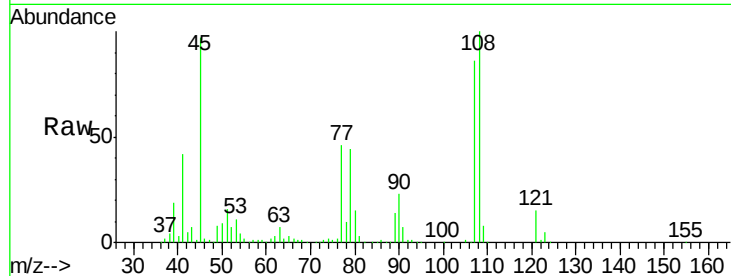




#17
2-Methylphenol
Concen: 39.94 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

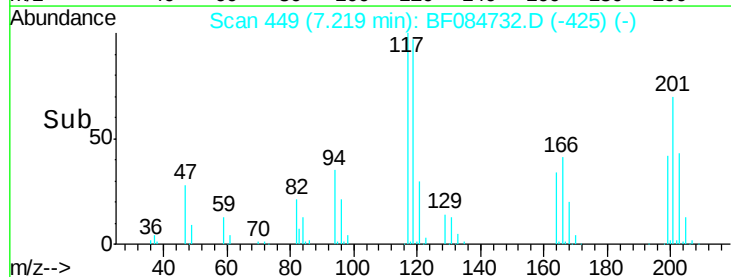
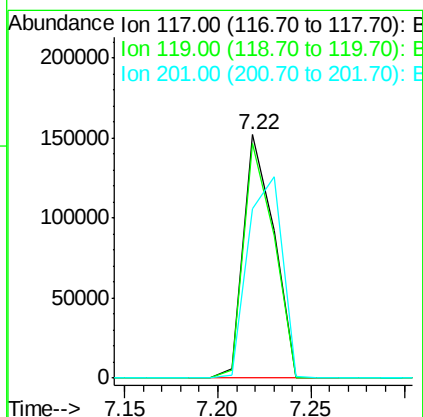
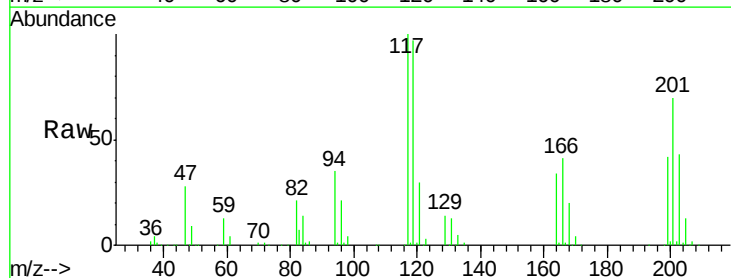
Instrument :
BNA_F
ClientSampleId :
EP002MS

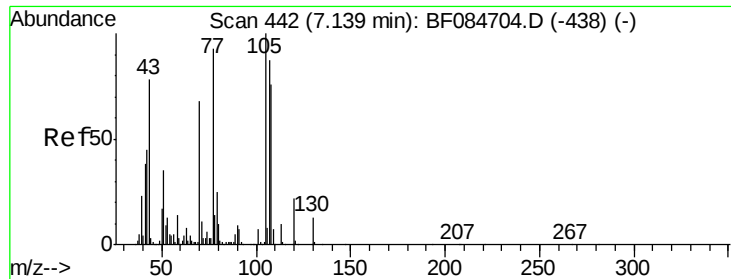
Tgt Ion:107 Resp: 365034
Ion Ratio Lower Upper
107 100
108 116.0 89.8 134.6
77 53.5 35.7 53.5
79 50.9 35.7 53.5



#18
Hexachloroethane
Concen: 36.60 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:117 Resp: 172027
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 69.6 68.6 103.0

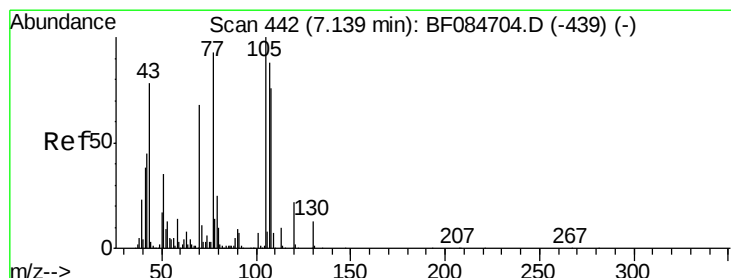
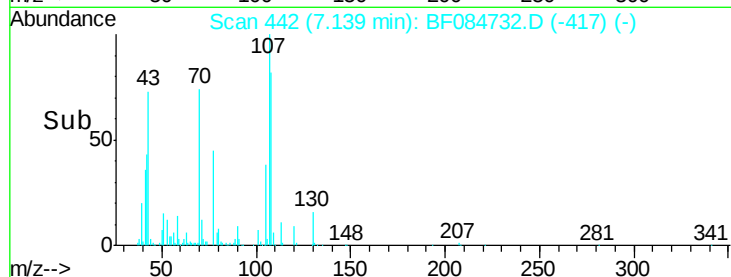
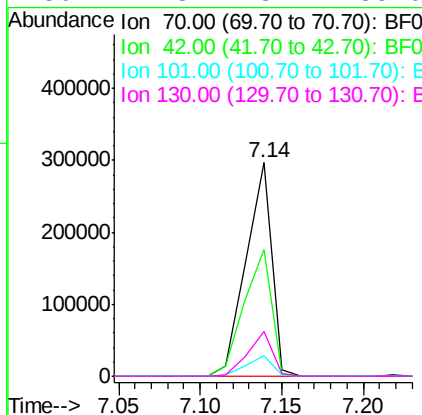
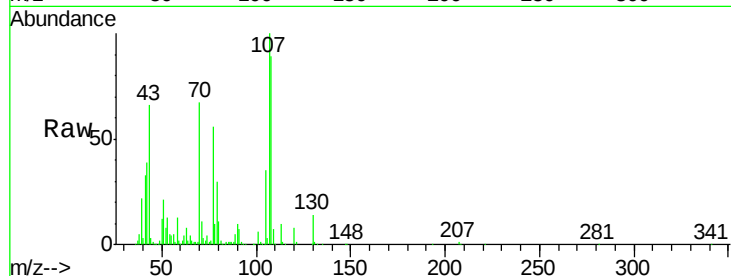




#19
n-Nitroso-di-n-propylamine
Concen: 40.80 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

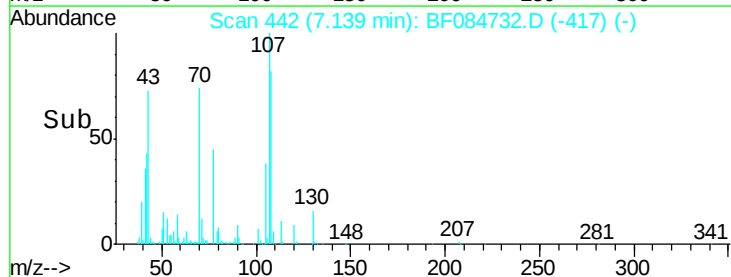
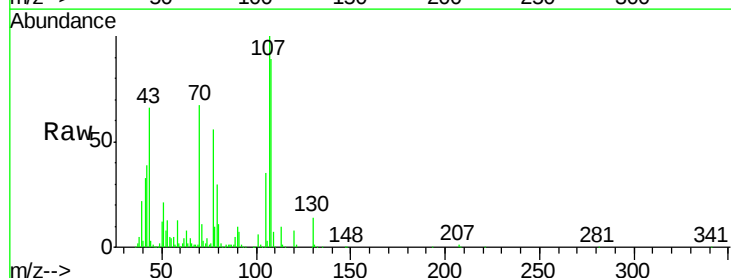
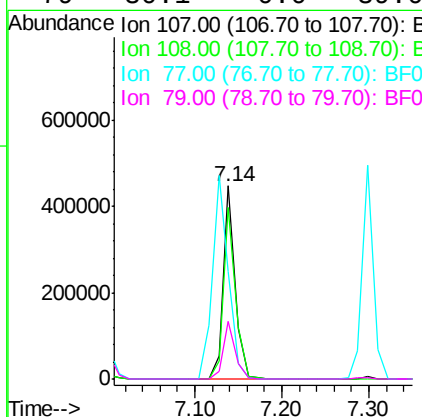
Instrument :
BNA_F
ClientSampleId :
EP002MS

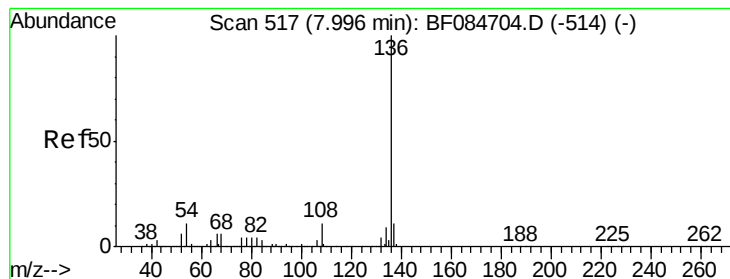
Tgt Ion: 70 Resp: 323736
Ion Ratio Lower Upper
70 100
42 59.3 33.3 49.9#
101 9.7 9.3 13.9
130 21.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.93 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion: 107 Resp: 430245
Ion Ratio Lower Upper
107 100
108 89.2 74.6 114.6
77 55.7 0.7 40.7#
79 30.1 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampled :

EP002MS

Tgt Ion:136 Resp: 627555

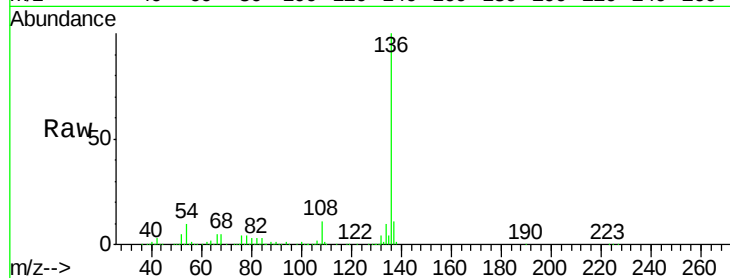
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 5.8 8.8#

68 5.4 4.2 6.2

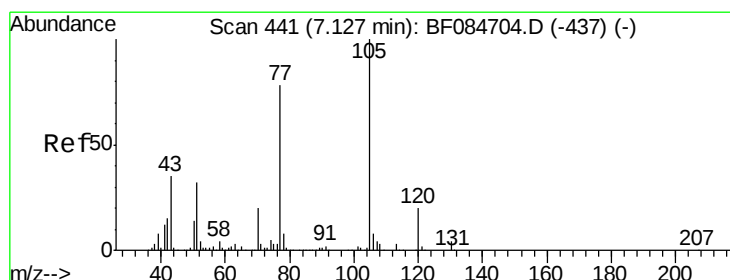
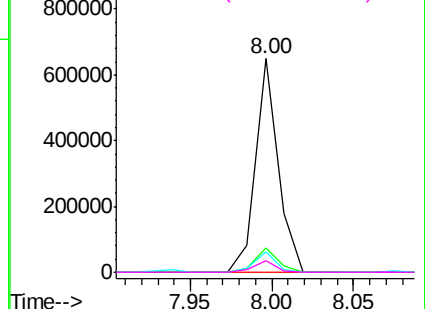
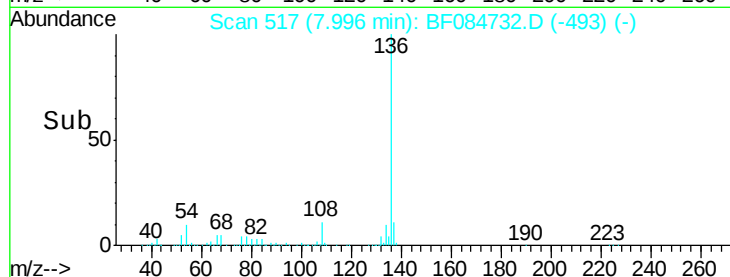


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.65 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:105 Resp: 622775

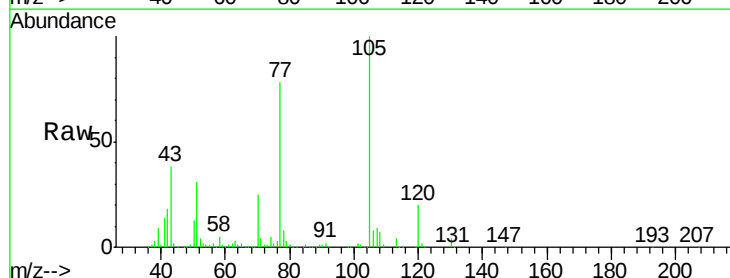
Ion Ratio Lower Upper

105 100

71 4.3 3.7 5.5

51 31.0 25.1 37.7

120 20.3 16.6 25.0

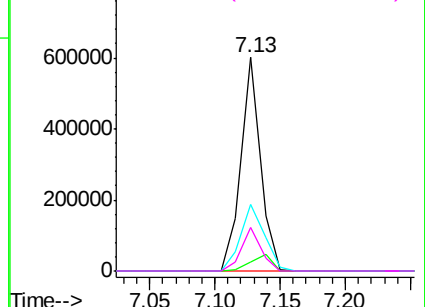
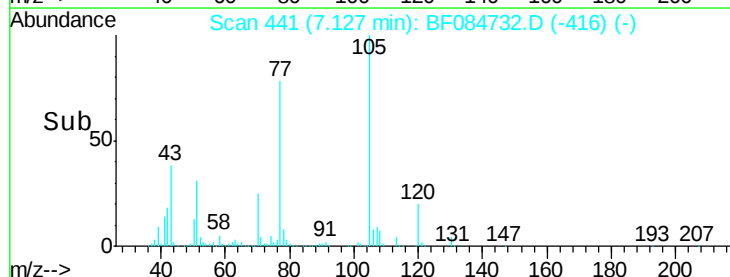


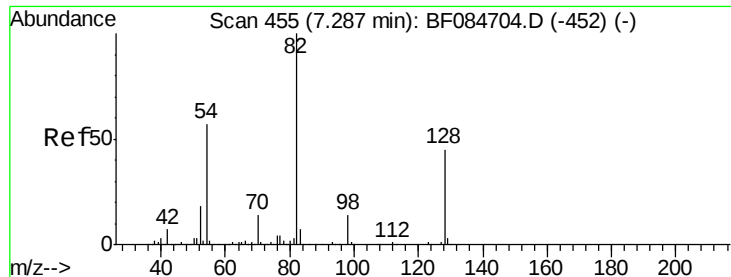
Abundance Ion 105.00 (104.70 to 105.70): E

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

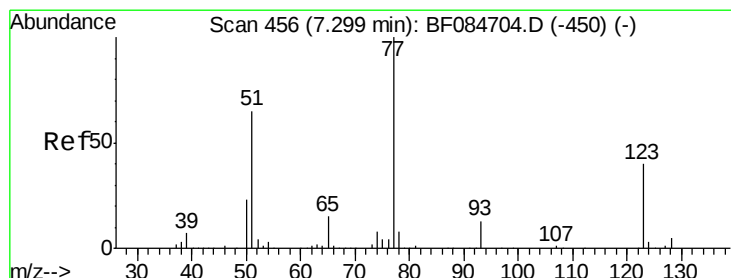
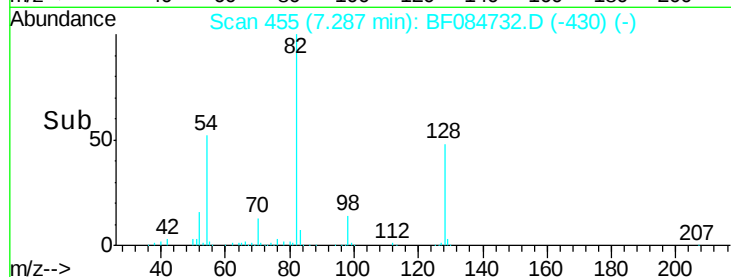
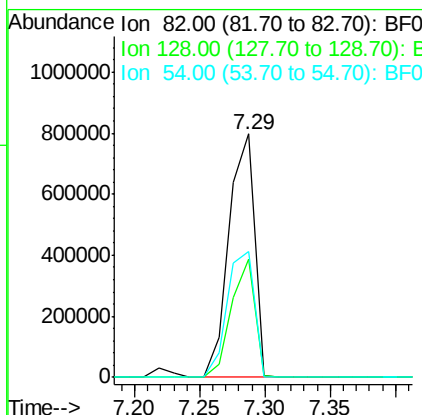
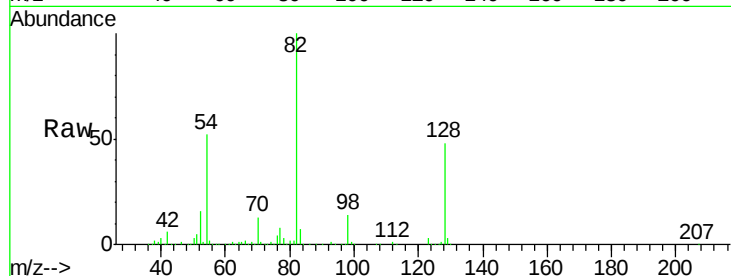




#23
 Nitrobenzene-d5
 Concen: 97.11 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

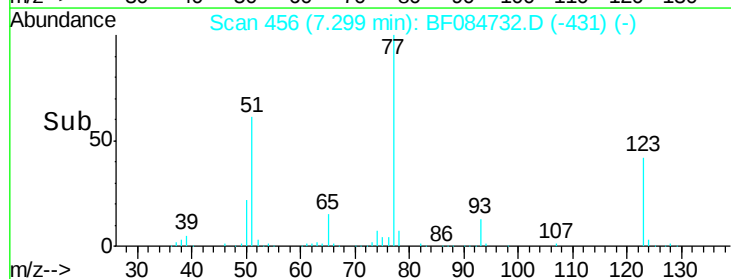
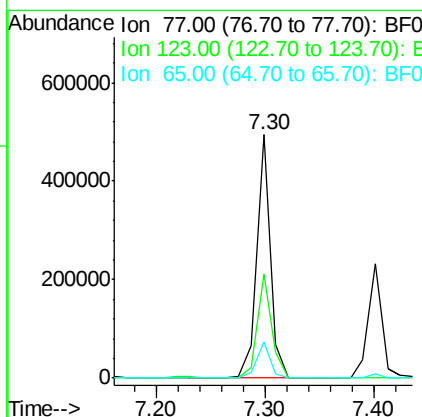
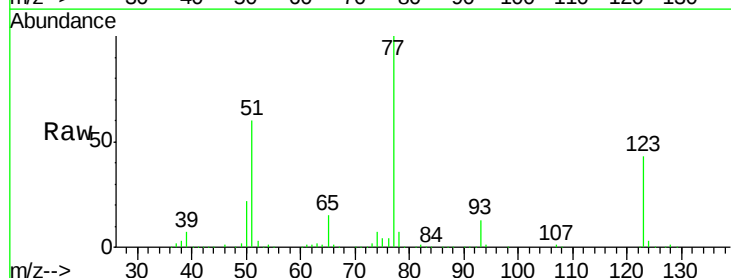
Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

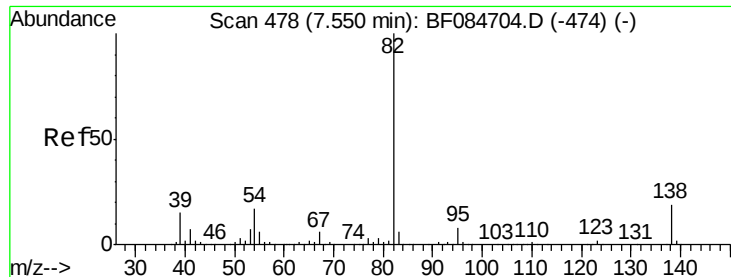
Tgt Ion: 82 Resp: 1081841
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.6 51.8
 54 51.8 38.4 57.6



#24
 Nitrobenzene
 Concen: 36.48 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion: 77 Resp: 435191
 Ion Ratio Lower Upper
 77 100
 123 42.9 37.4 56.2
 65 14.7 10.9 16.3





#25

Isophorone

Concen: 38.32 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

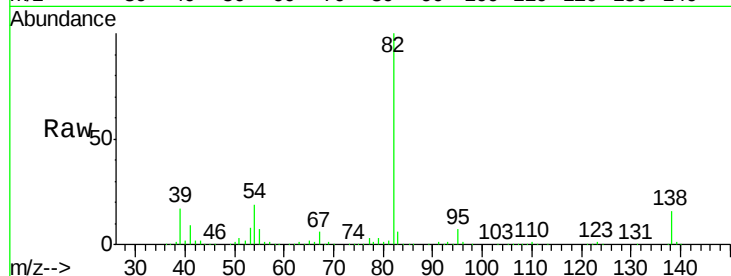
Tgt Ion: 82 Resp: 830115

Ion Ratio Lower Upper

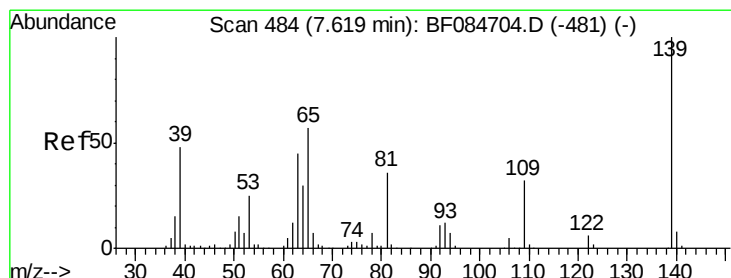
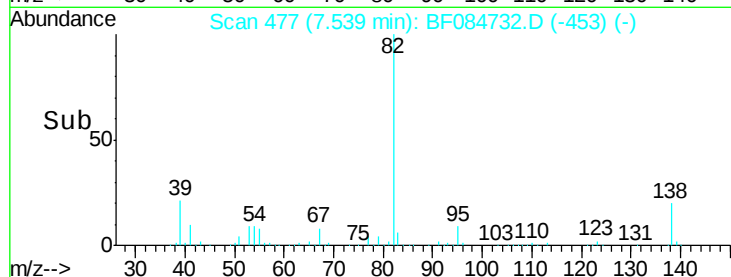
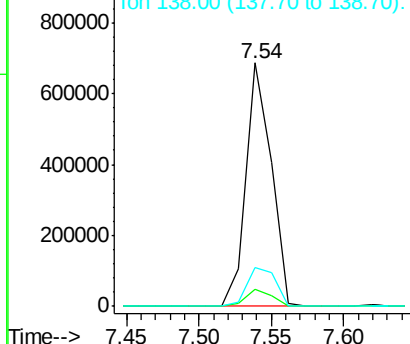
82 100

95 7.1 6.6 10.0

138 16.1 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: 42.88 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

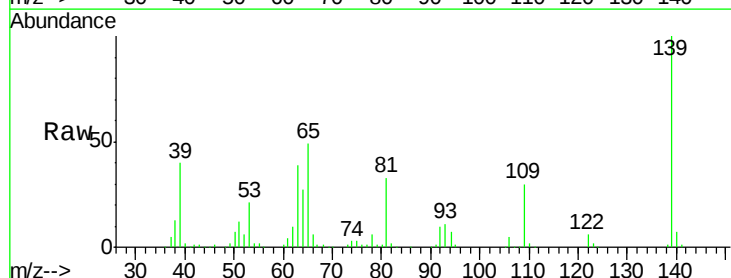
Tgt Ion: 139 Resp: 252295

Ion Ratio Lower Upper

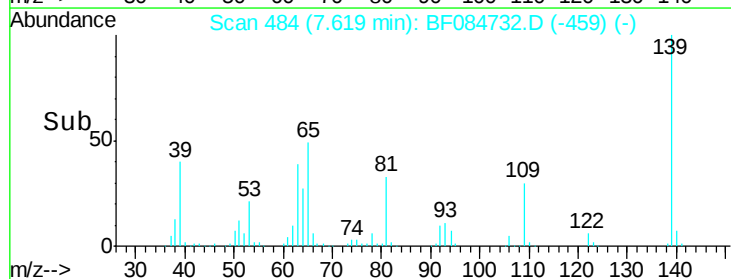
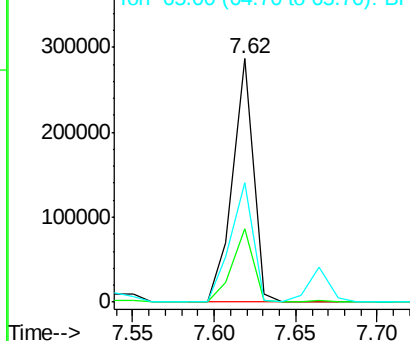
139 100

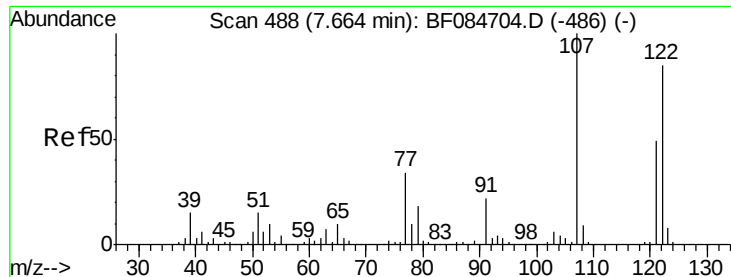
109 30.0 25.4 38.2

65 49.3 32.3 48.5#



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

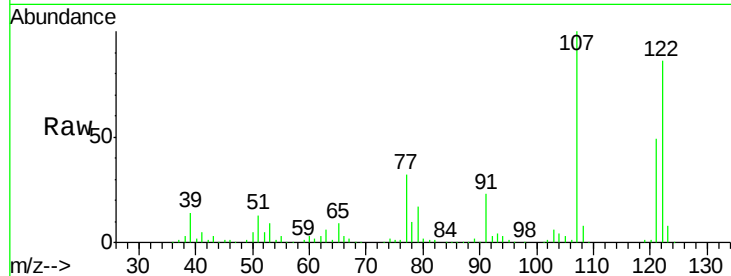




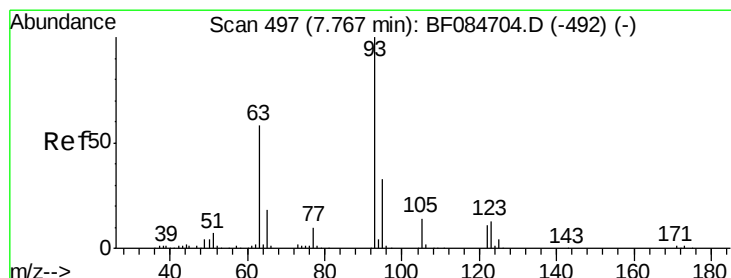
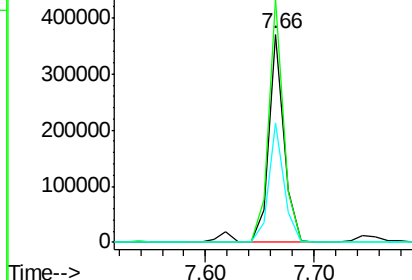
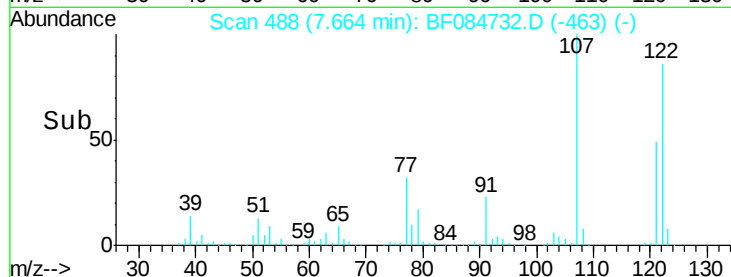
#27
 2,4-Dimethylphenol
 Concen: 36.95 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion: 122 Resp: 378163
 Ion Ratio Lower Upper
 122 100
 107 116.9 99.1 148.7
 121 57.7 47.9 71.9

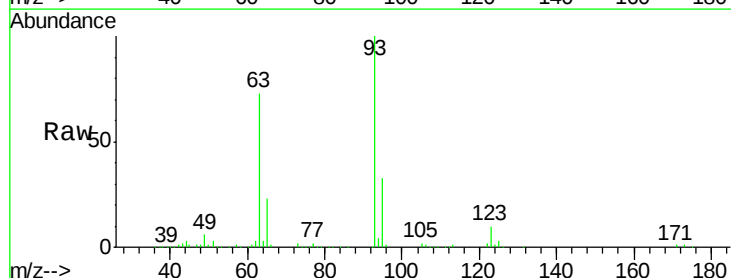


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

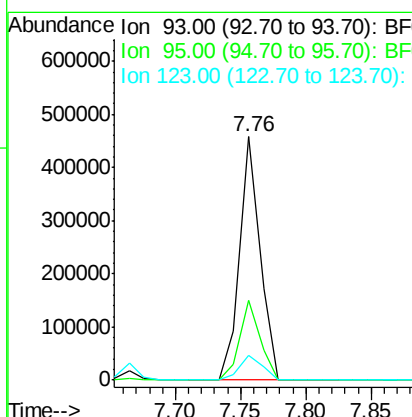
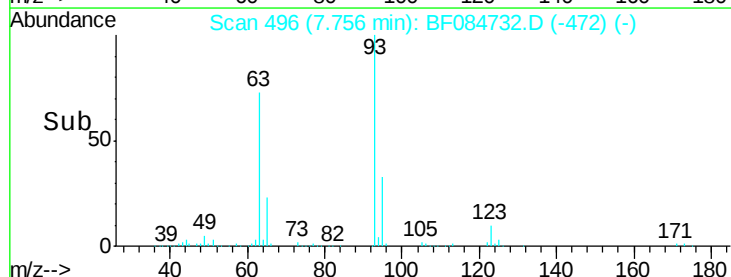


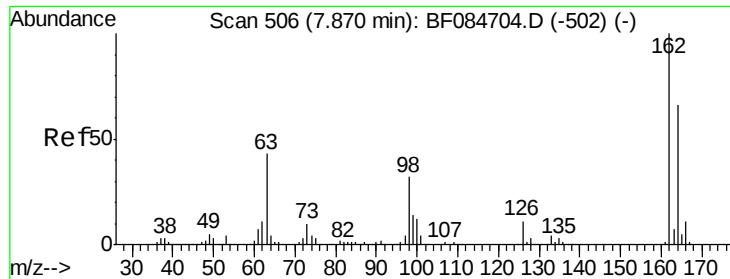
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.73 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion: 93 Resp: 497763
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.6
 123 10.0 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

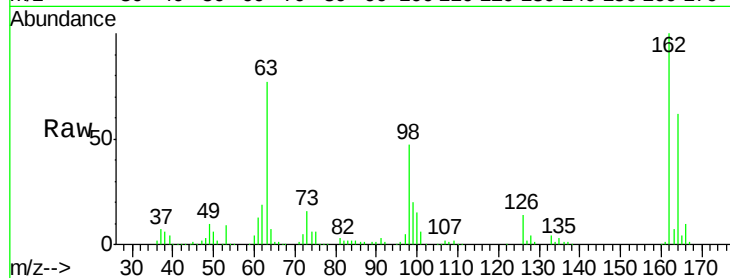




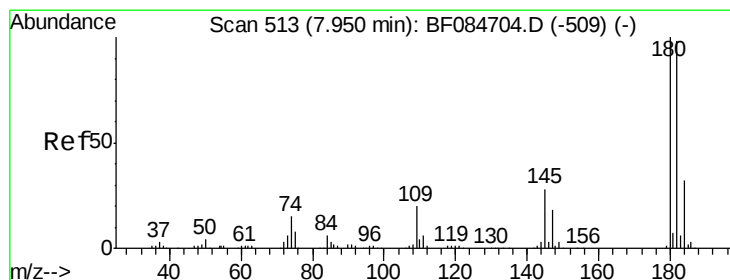
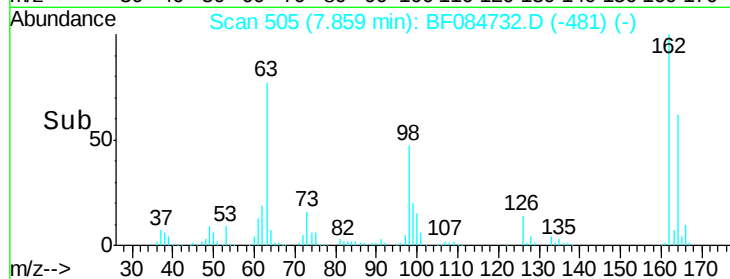
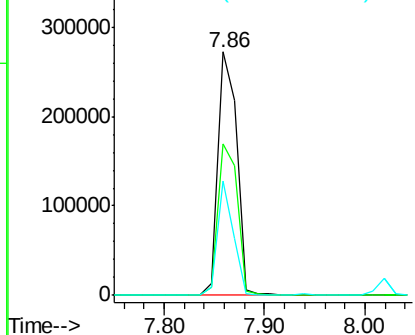
#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.1	84.1
98	47.1	20.2	60.2

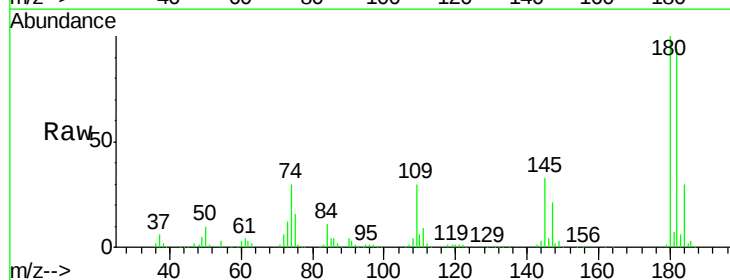


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

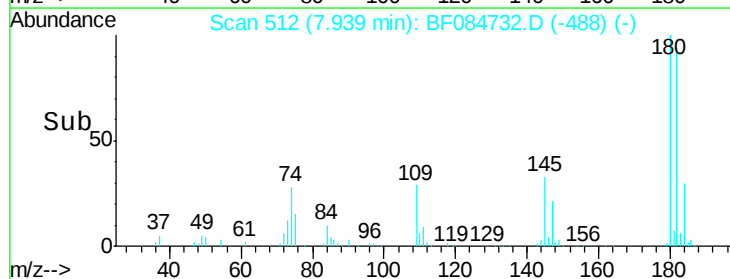
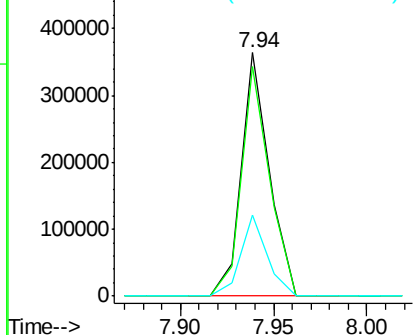


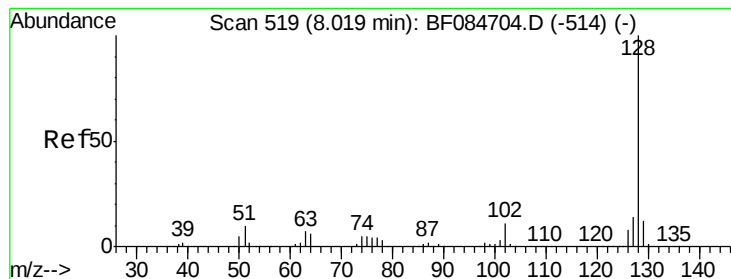
#30
 1,2,4-Trichlorobenzene
 Concen: 38.09 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	33.4	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: 38.37 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

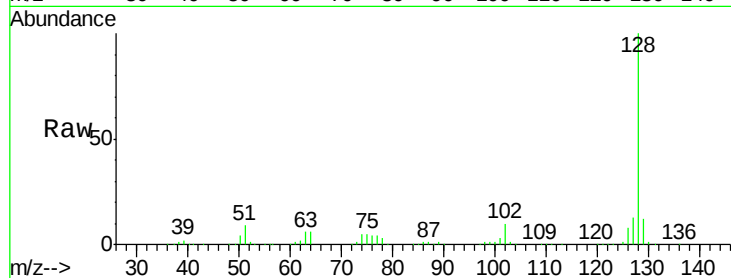
Tgt Ion:128 Resp: 1207888

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

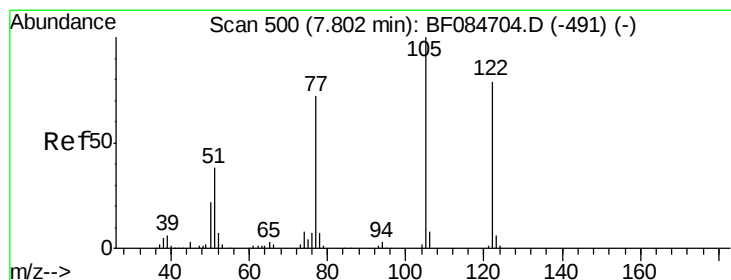
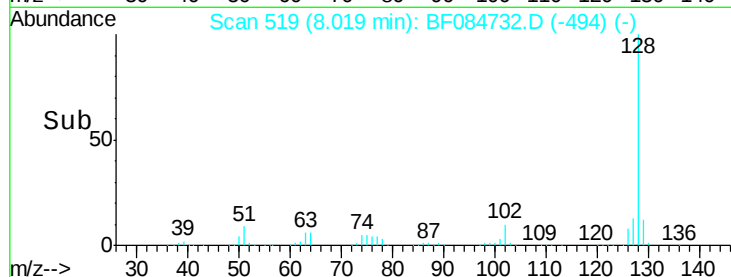
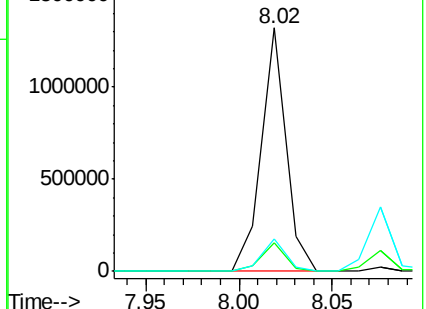
127 13.5 11.1 16.7



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: 3.25 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.07 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

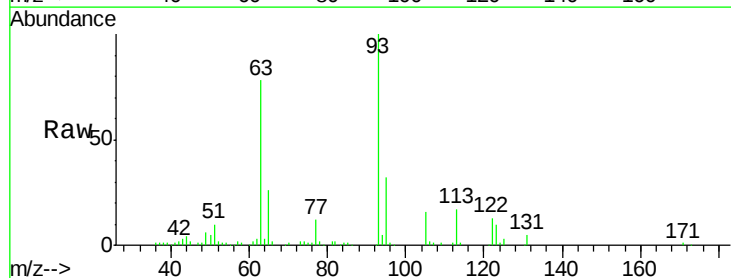
Tgt Ion:122 Resp: 21299

Ion Ratio Lower Upper

122 100

105 126.3 100.3 140.3

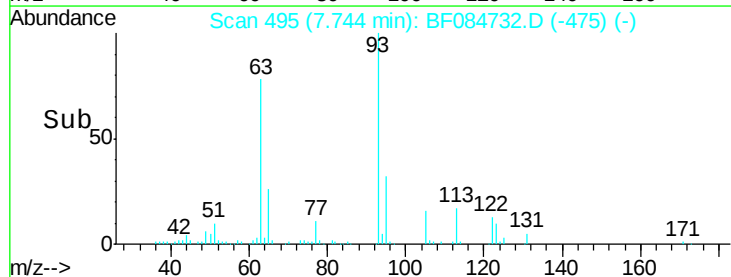
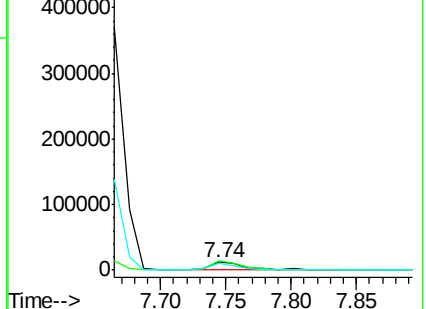
77 93.4 63.5 103.5

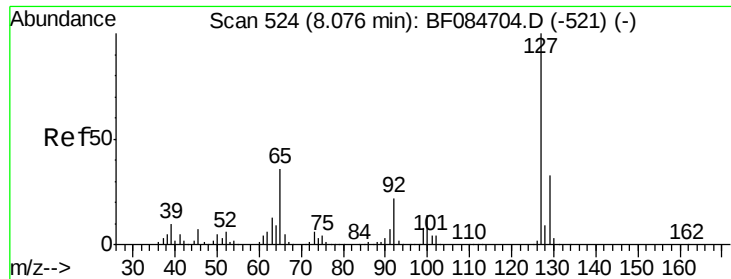


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

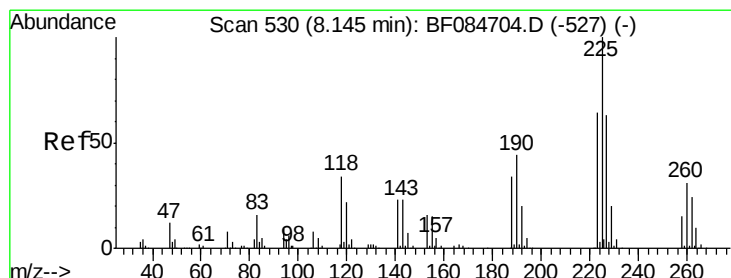
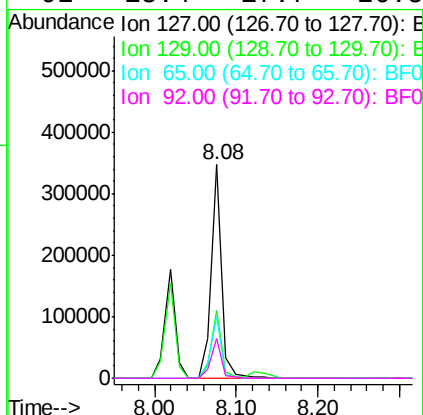
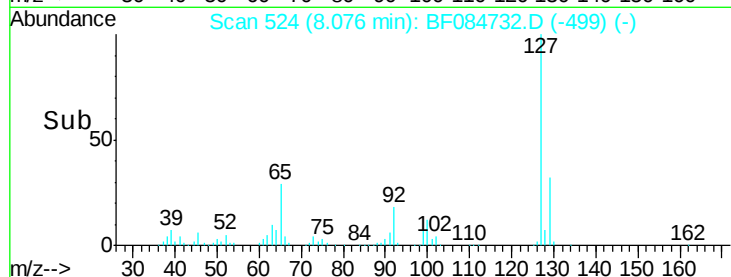
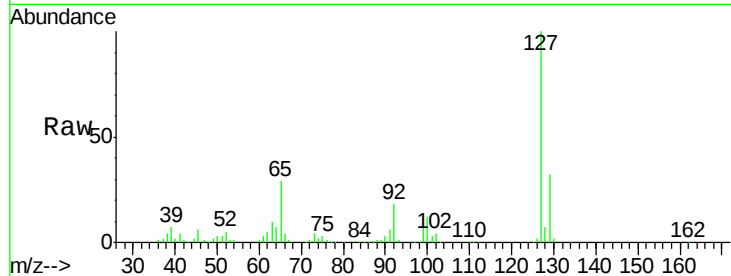




#33
4-Chloroaniline
Concen: 24.49 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

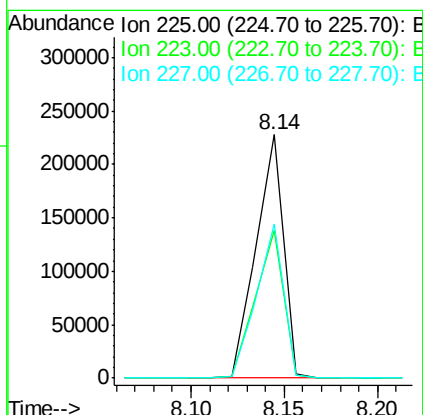
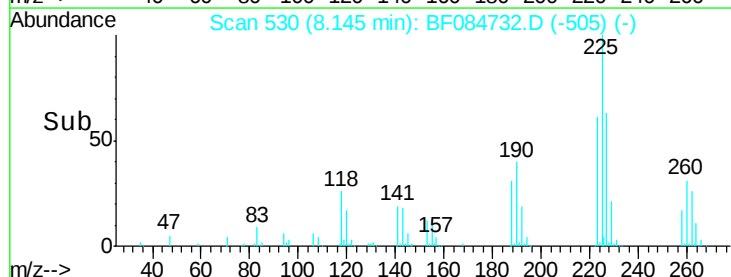
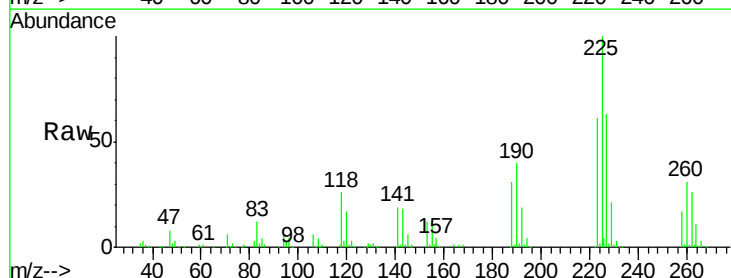
Instrument :
BNA_F
ClientSampleId :
EP002MS

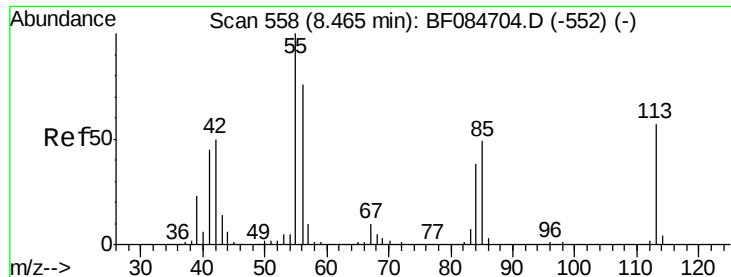
Tgt Ion:	127	Resp:	318813
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	29.0	27.2	40.8
92	18.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:	225	Resp:	231419
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.4	74.0
227	63.0	50.8	76.2





#35

Caprolactam

Concen: 42.33 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

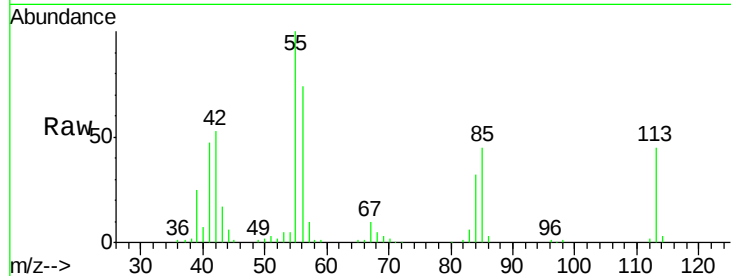
Tgt Ion:113 Resp: 114243

Ion Ratio Lower Upper

113 100

55 222.1 116.9 156.9#

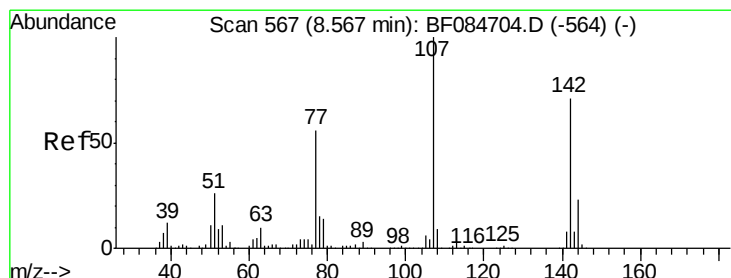
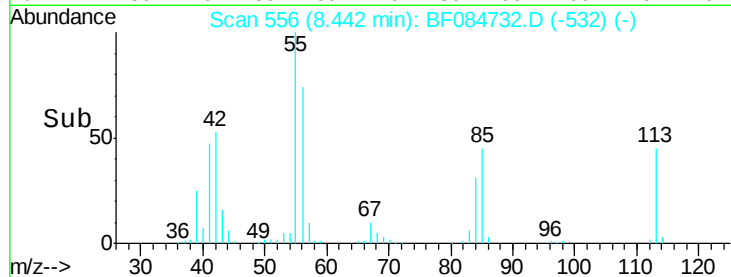
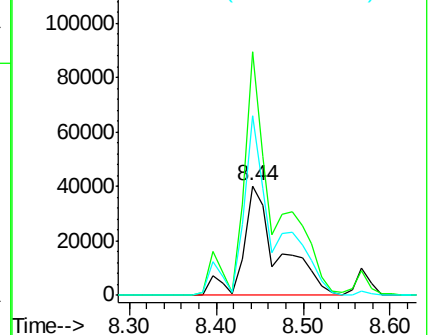
56 163.8 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.63 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

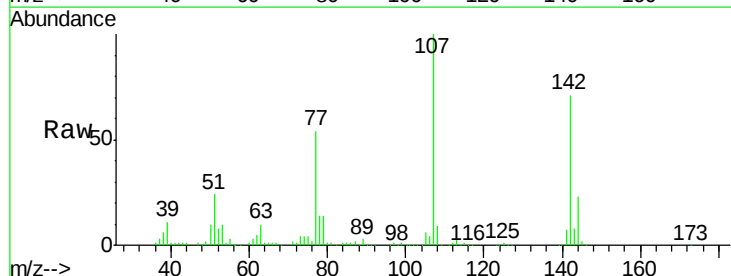
Tgt Ion:107 Resp: 395876

Ion Ratio Lower Upper

107 100

144 22.9 19.7 29.5

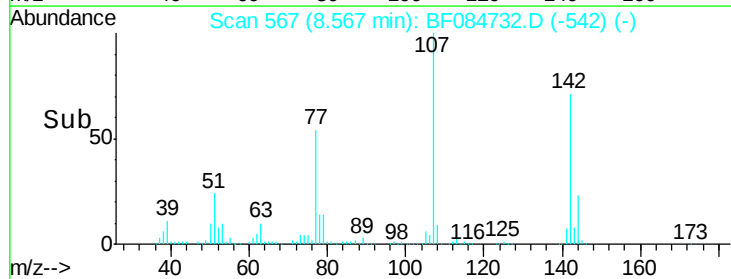
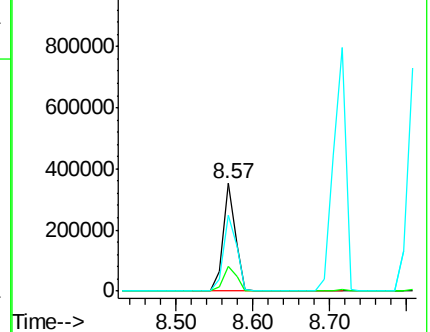
142 70.8 61.8 92.6

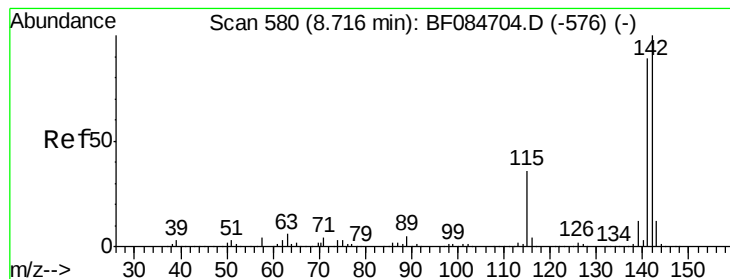


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.89 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

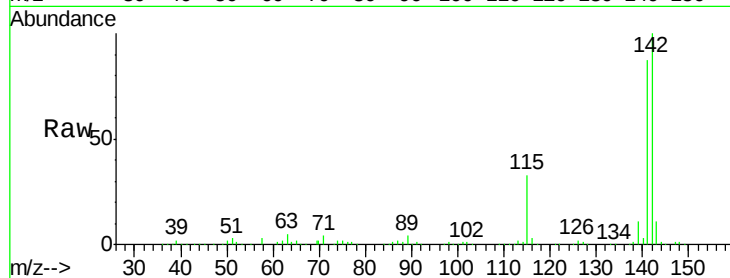
Tgt Ion:142 Resp: 884423

Ion Ratio Lower Upper

142 100

141 86.8 72.4 108.6

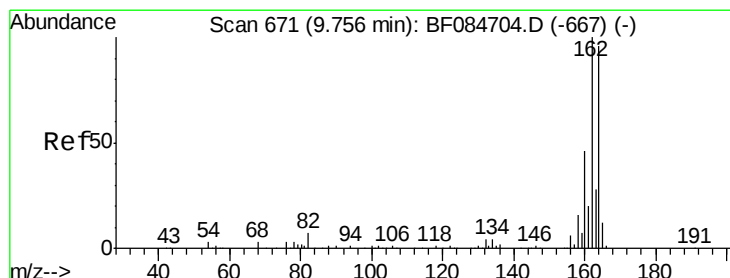
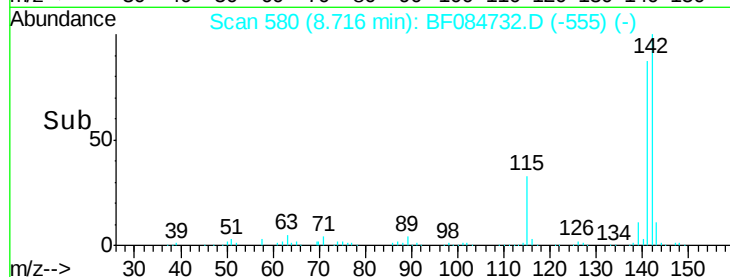
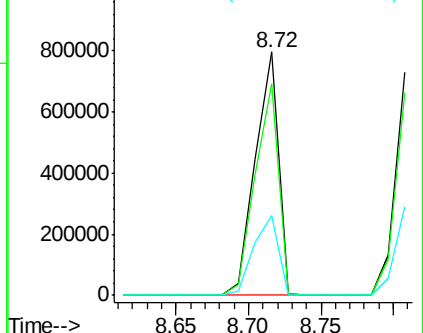
115 33.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

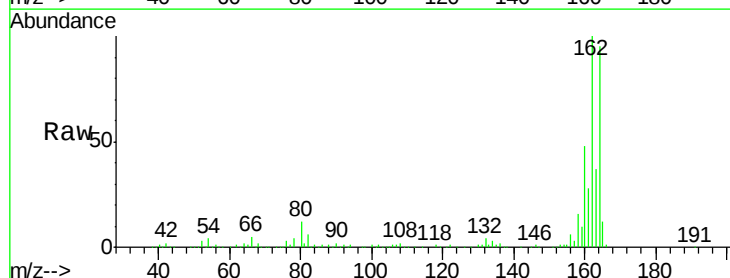
Tgt Ion:164 Resp: 302004

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

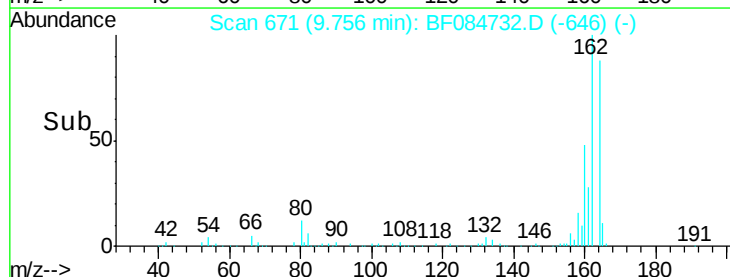
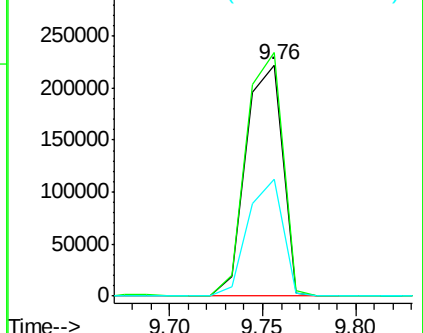
160 50.4 37.5 56.3

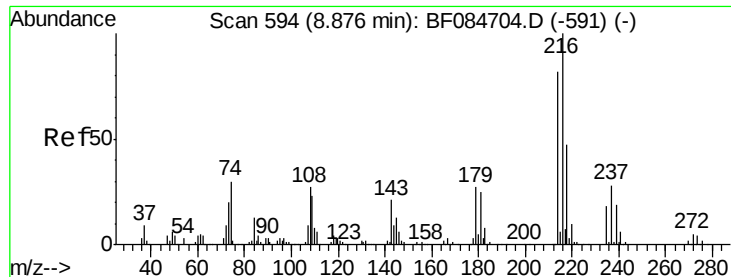


Abundance Ion 164.00 (163.70 to 164.70): E

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: 34.82 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tgt Ion:216 Resp: 334003

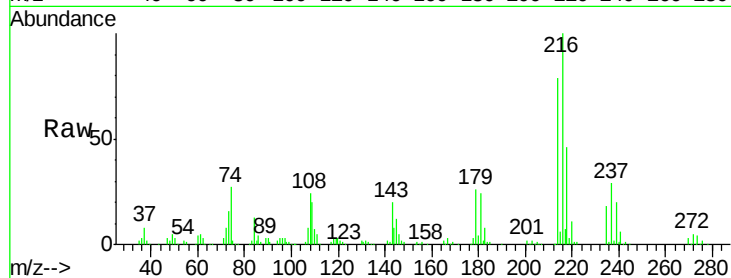
Ion Ratio Lower Upper

216 100

214 77.6 64.2 96.2

179 23.2 18.7 28.1

108 23.3 16.8 25.2

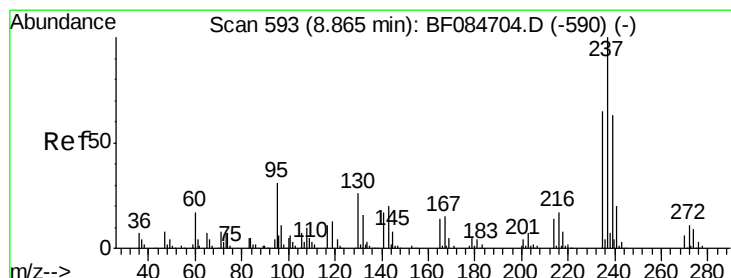
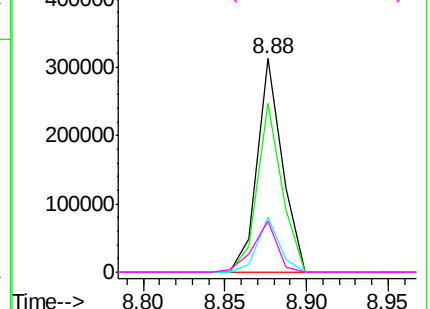
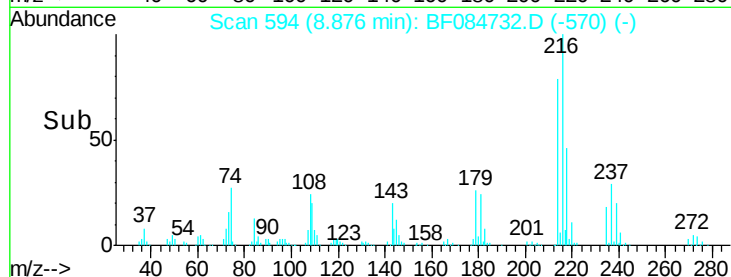


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.21 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

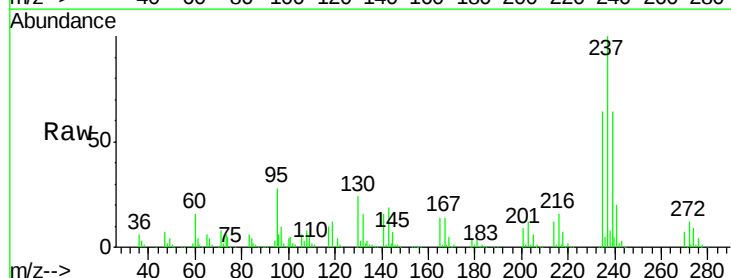
Tgt Ion:237 Resp: 310630

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

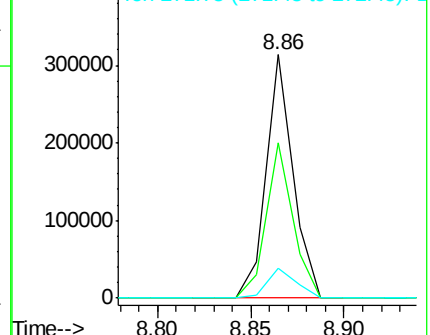
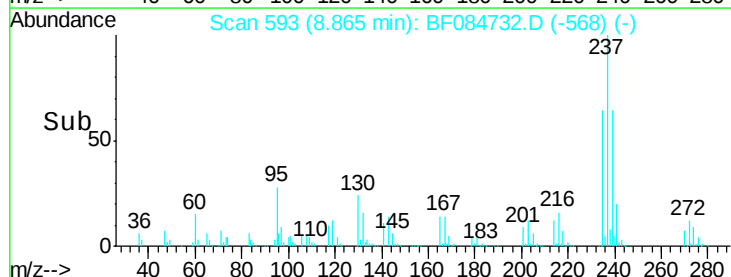
272 12.0 0.0 35.1

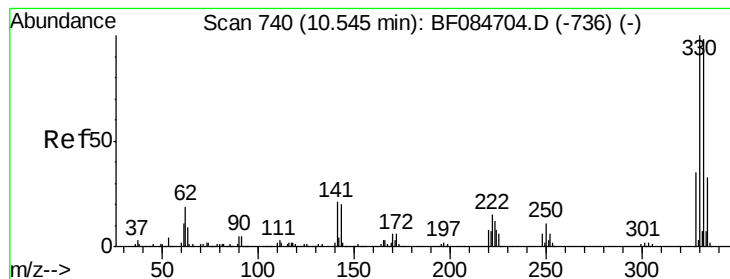


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 142.50 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

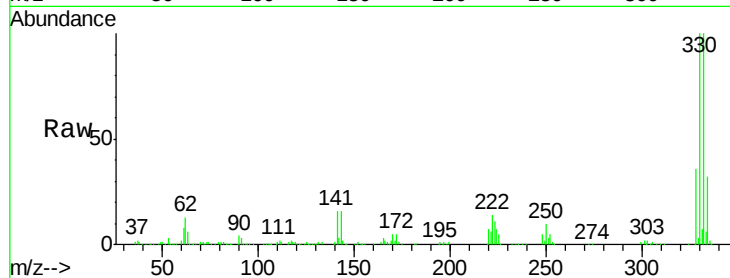
Tgt Ion:330 Resp: 448904

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

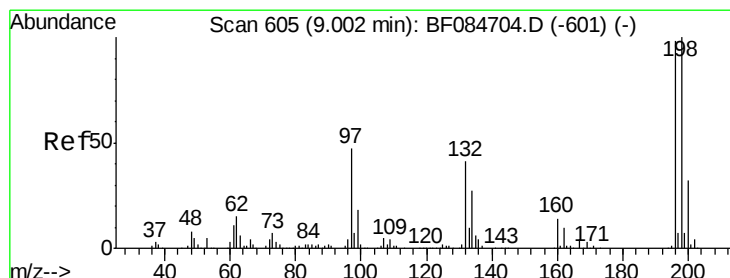
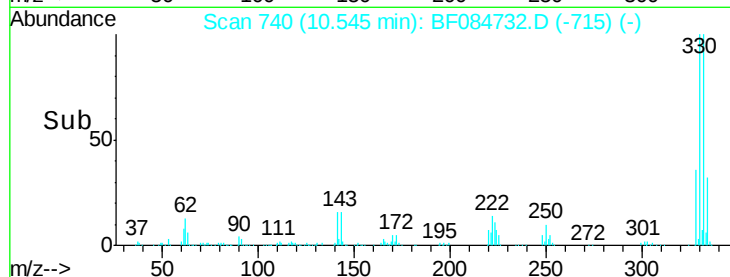
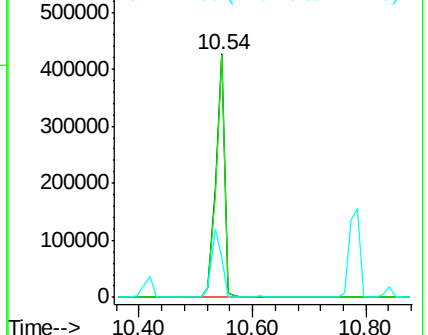
141 32.1 27.8 41.6



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: 39.06 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

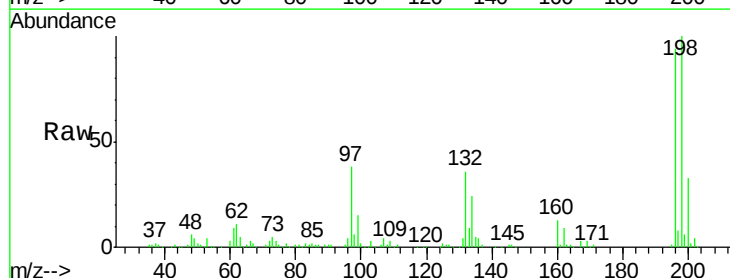
Tgt Ion:196 Resp: 241354

Ion Ratio Lower Upper

196 100

198 106.6 77.7 116.5

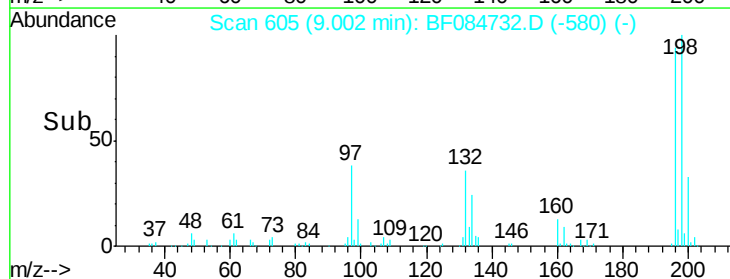
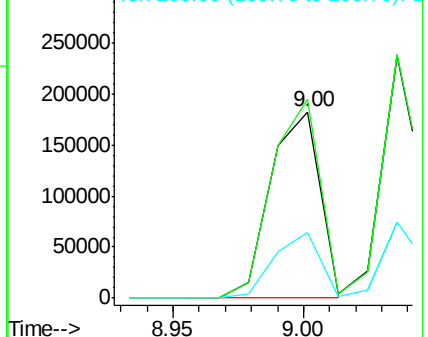
200 35.4 24.6 37.0

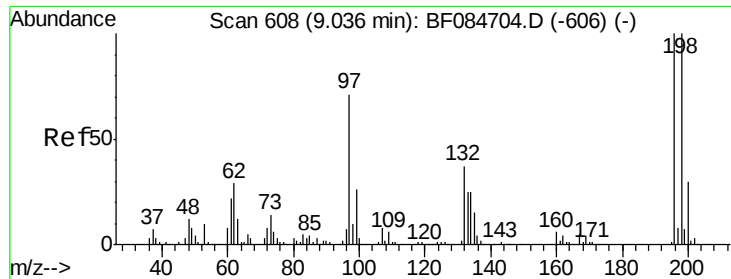


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

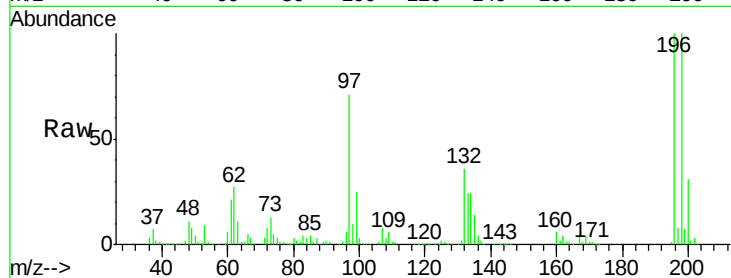




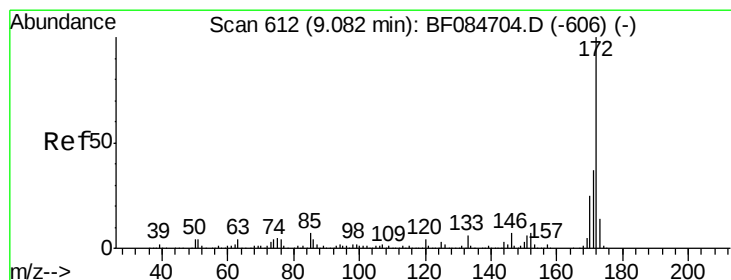
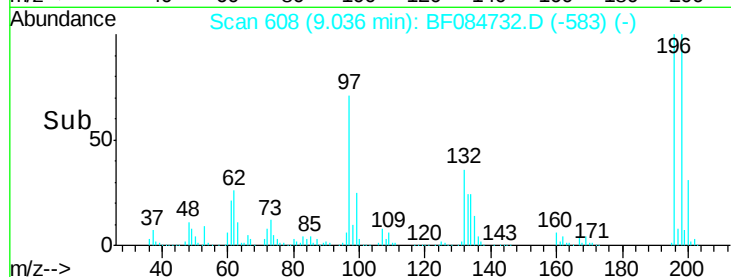
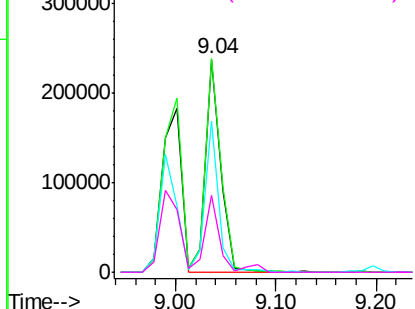
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion:196 Resp: 249287
 Ion Ratio Lower Upper
 196 100
 198 100.5 79.0 118.6
 97 70.9 33.0 49.6#
 132 36.4 21.1 31.7#

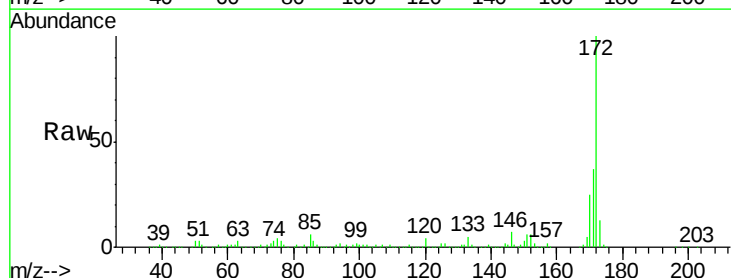


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

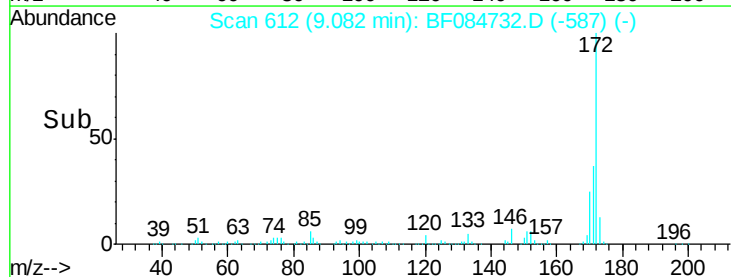
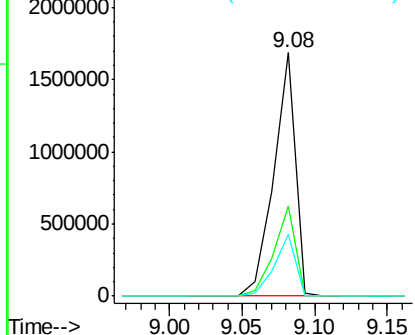


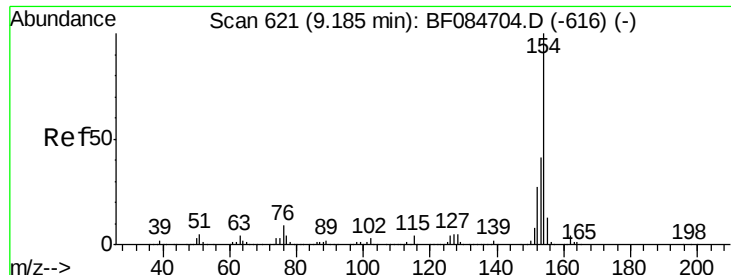
#44
 2-Fluorobiphenyl
 Concen: 105.07 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:172 Resp: 1735320
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.3 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

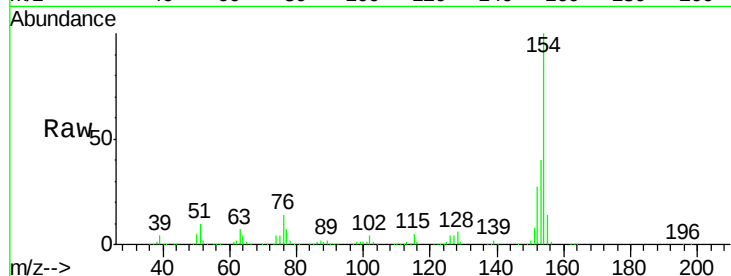




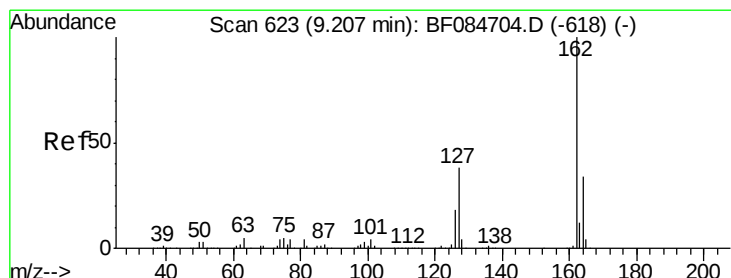
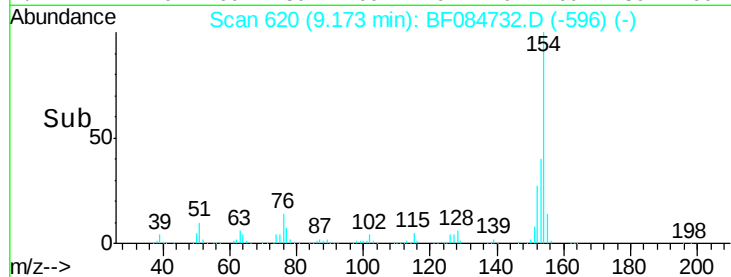
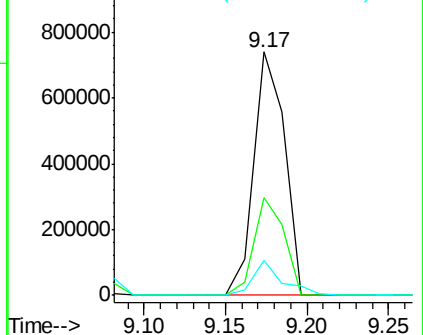
#45
 1,1'-Biphenyl
 Concen: 35.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleID :
 EP002MS

Tgt Ion:154 Resp: 965270
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.6 61.6
 76 14.2 0.0 32.7

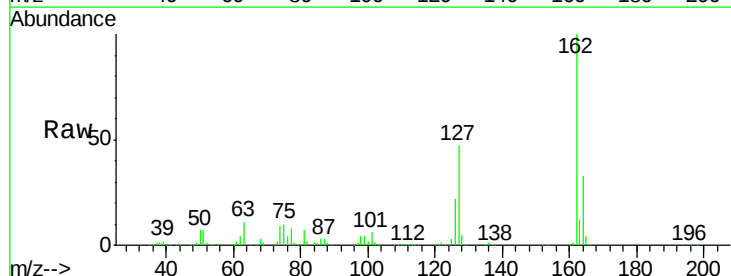


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

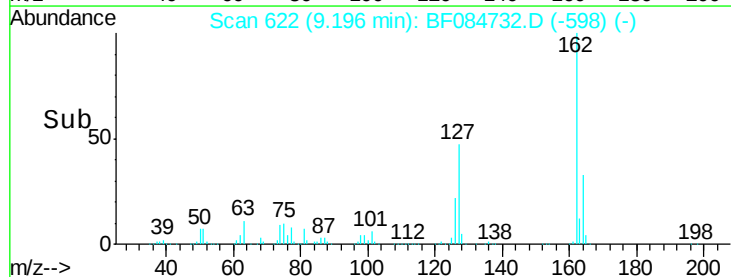
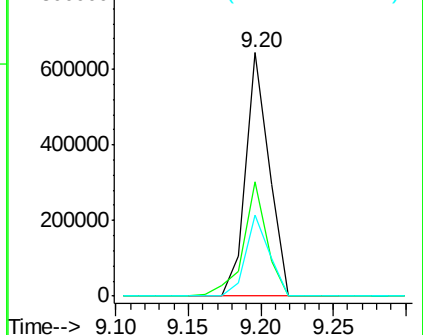


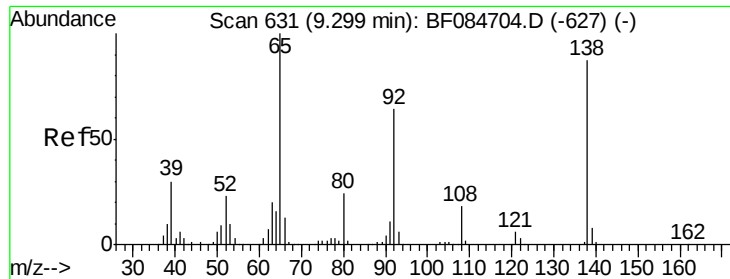
#46
 2-Chloronaphthalene
 Concen: 36.18 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:162 Resp: 718770
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 33.3 25.7 38.5



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

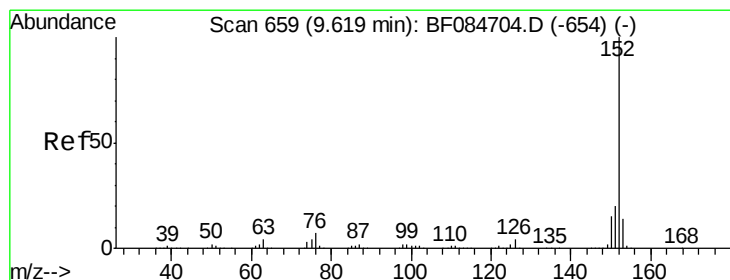
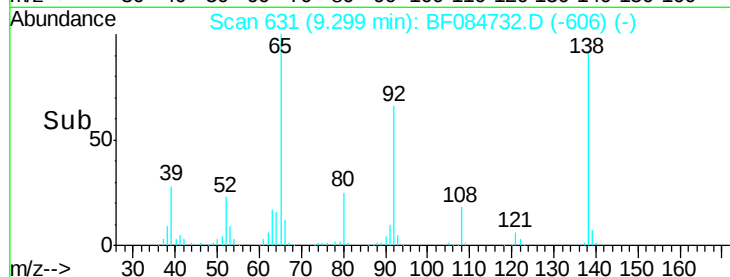
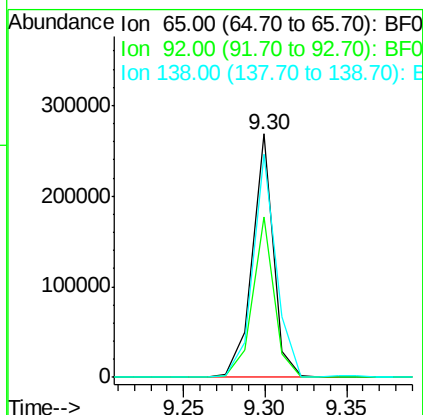
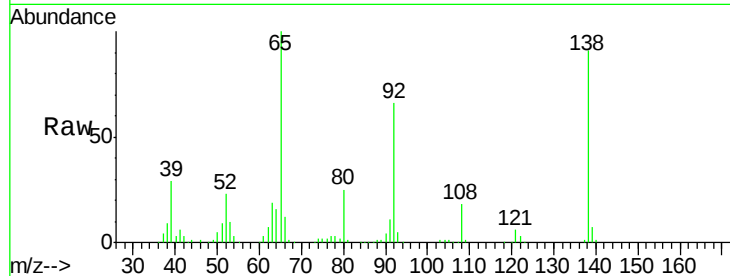




#47
2-Nitroaniline
Concen: 38.28 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

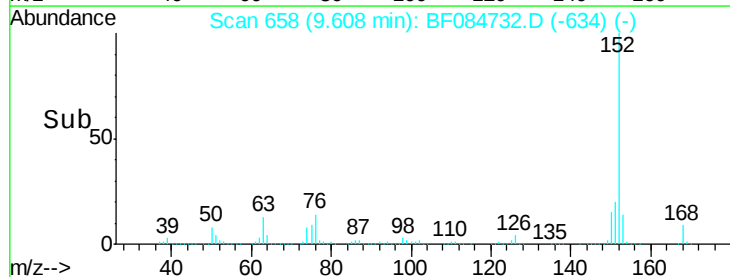
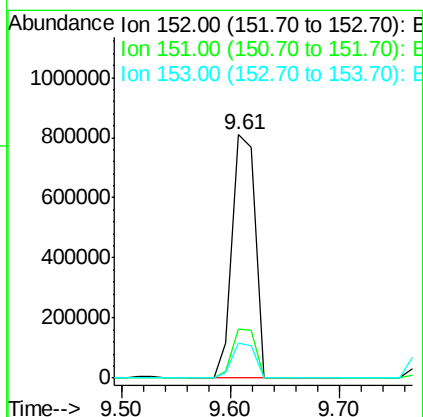
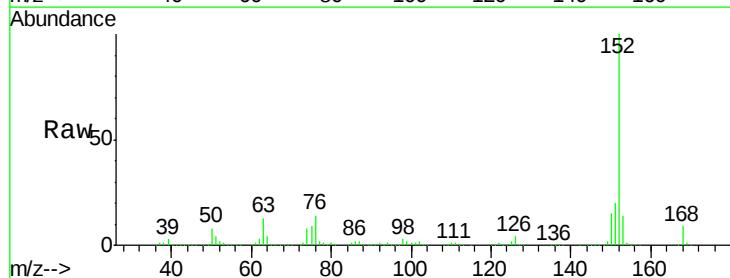
Instrument :
BNA_F
ClientSampleId :
EP002MS

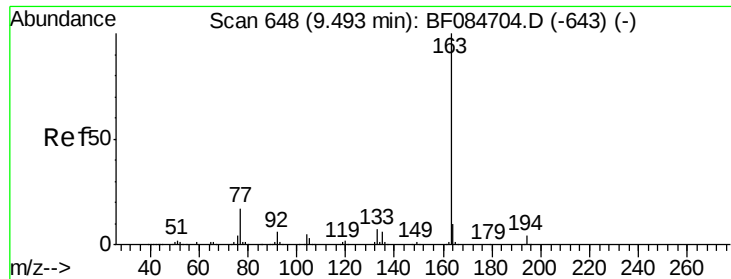
Tgt Ion: 65 Resp: 240782
Ion Ratio Lower Upper
65 100
92 65.7 53.4 80.2
138 91.4 71.1 106.7



#48
Acenaphthylene
Concen: 38.71 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion: 152 Resp: 1166790
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.4 10.4 15.6





#49

Dimethylphthalate

Concen: 50.00 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

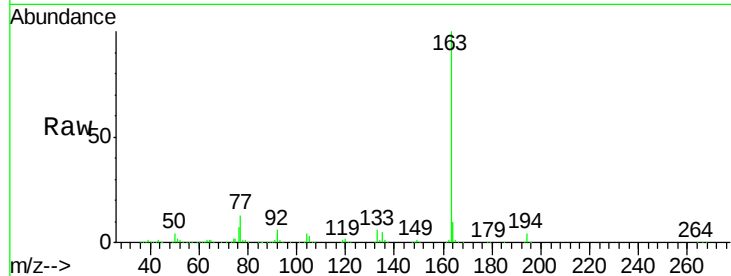
Tgt Ion:163 Resp: 1150131

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

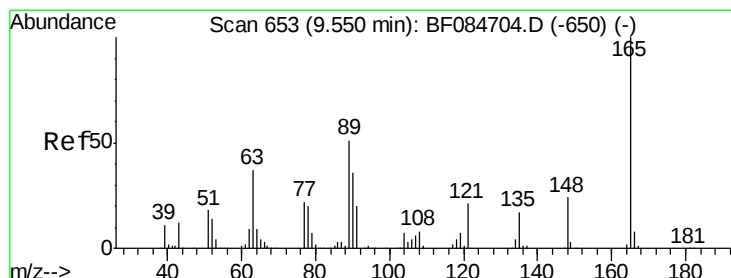
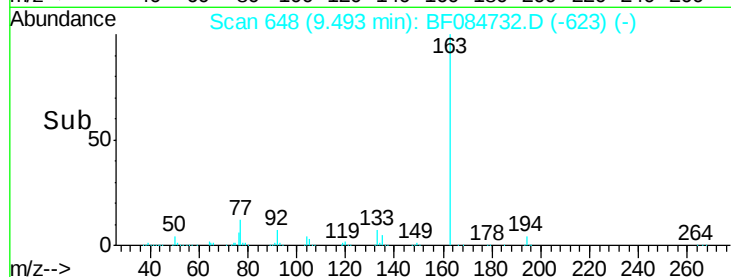
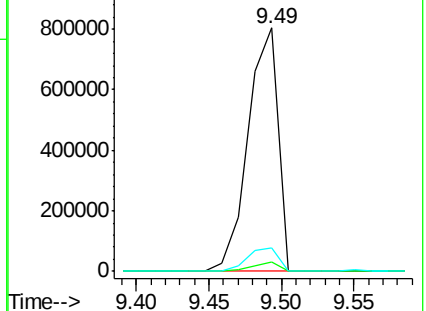
164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.17 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

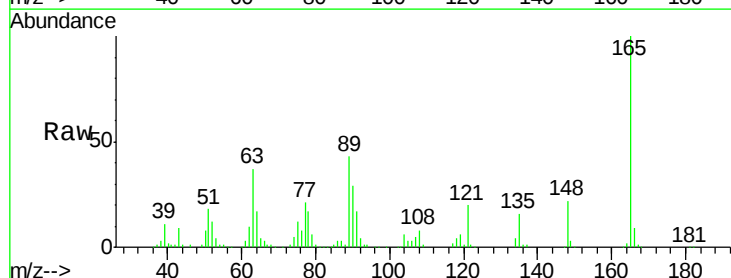
Tgt Ion:165 Resp: 211893

Ion Ratio Lower Upper

165 100

63 37.4 28.8 43.2

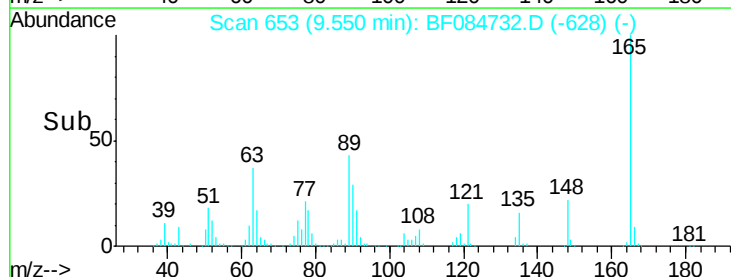
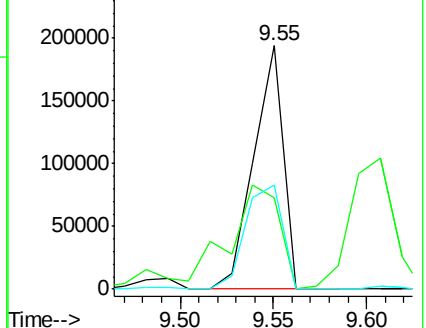
89 42.9 35.1 52.7

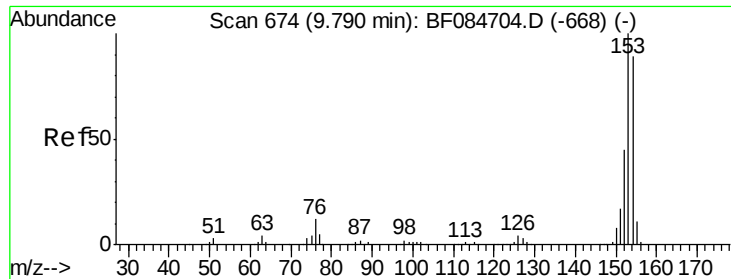


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.99 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

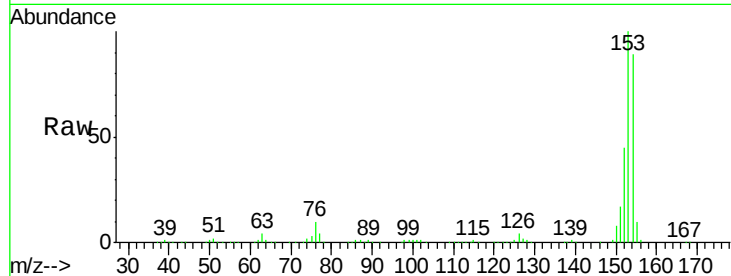
Tgt Ion:154 Resp: 745027

Ion Ratio Lower Upper

154 100

153 112.3 91.5 137.3

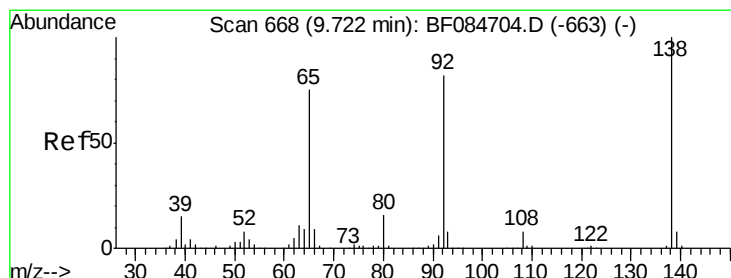
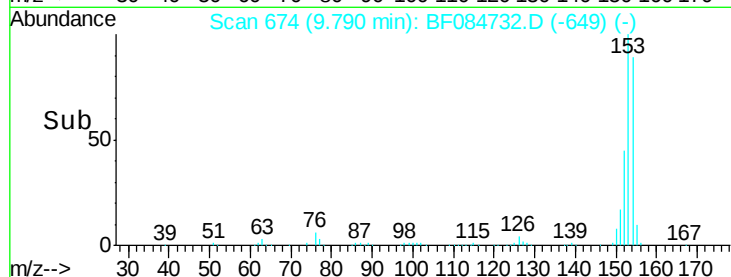
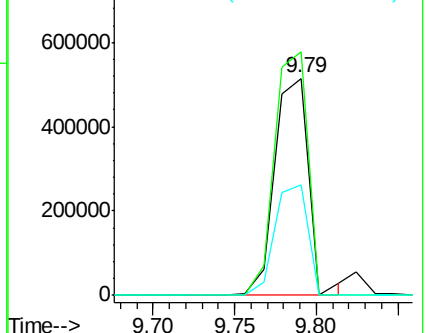
152 50.7 43.0 64.6



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: 28.37 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

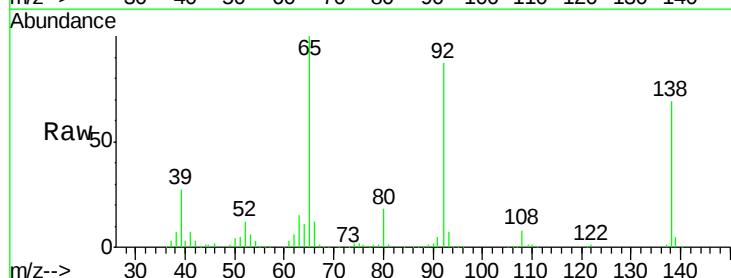
Tgt Ion:138 Resp: 160171

Ion Ratio Lower Upper

138 100

108 11.2 10.5 15.7

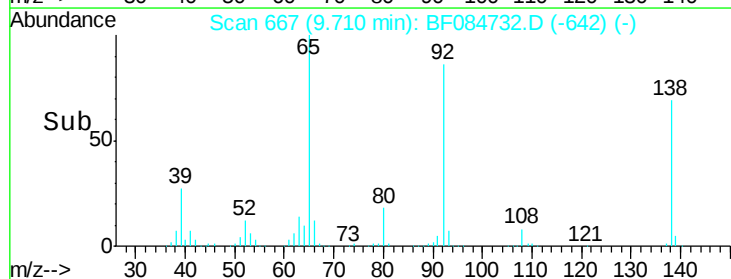
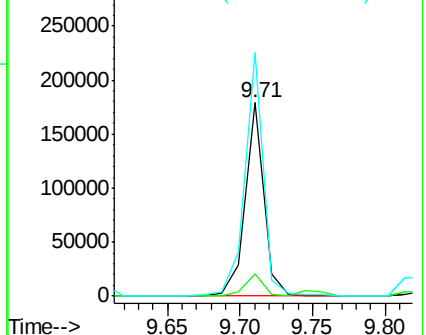
92 125.8 103.9 155.9

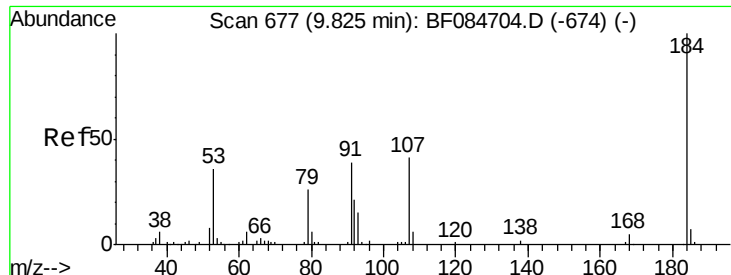


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

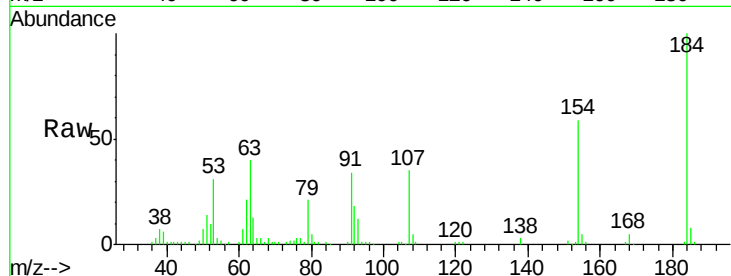




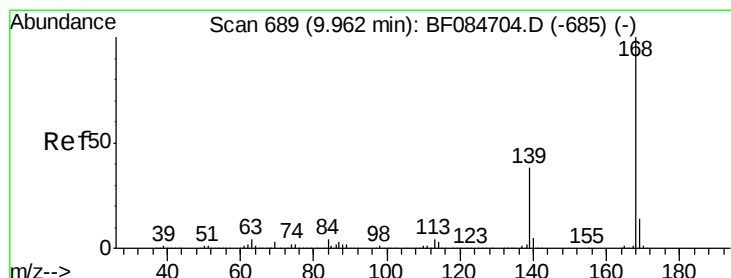
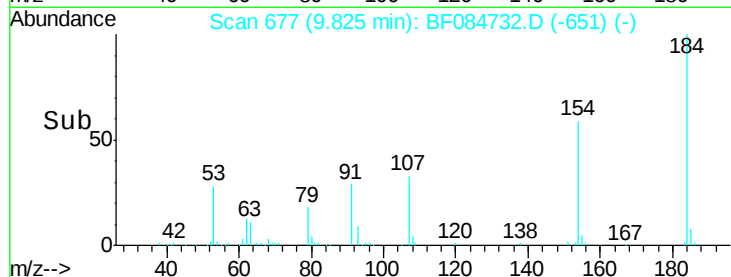
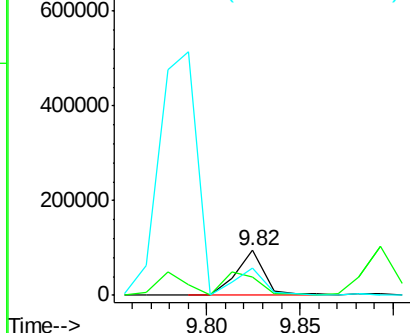
#53
2,4-Dinitrophenol
Concen: 46.17 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tgt Ion:184 Resp: 100953
Ion Ratio Lower Upper
184 100
63 40.2 43.1 64.7#
154 59.5 60.5 90.7#

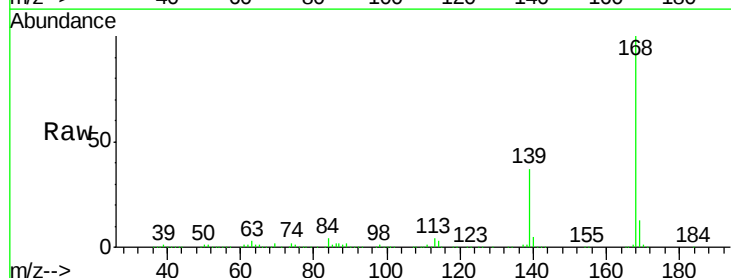


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

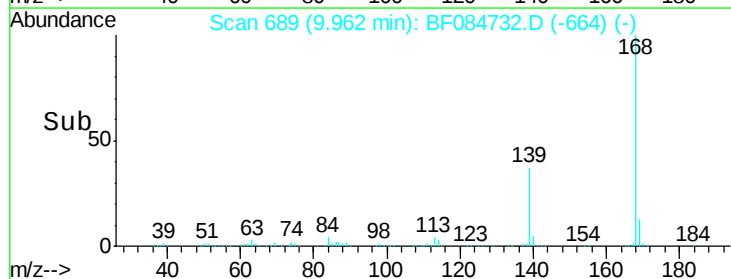
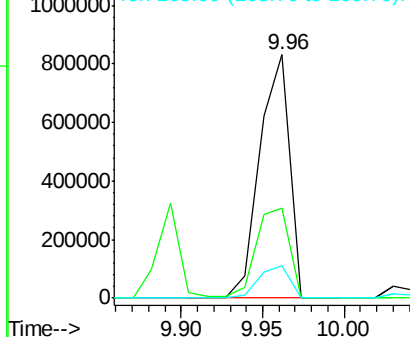


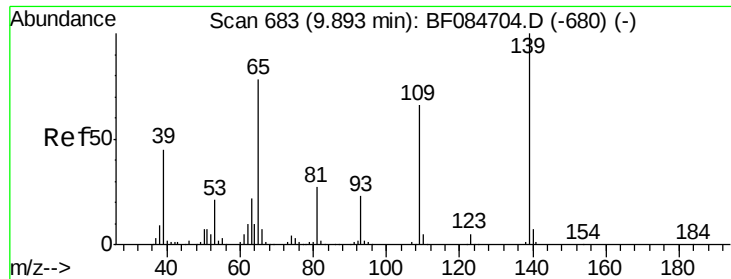
#54
Dibenzofuran
Concen: 43.86 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:168 Resp: 1051383
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 13.3 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.76 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

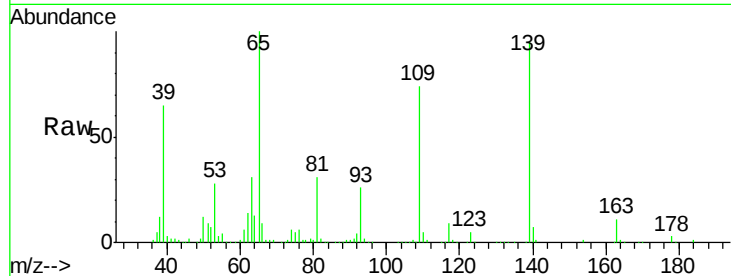
Tgt Ion:139 Resp: 314407

Ion Ratio Lower Upper

139 100

109 77.3 58.5 98.5

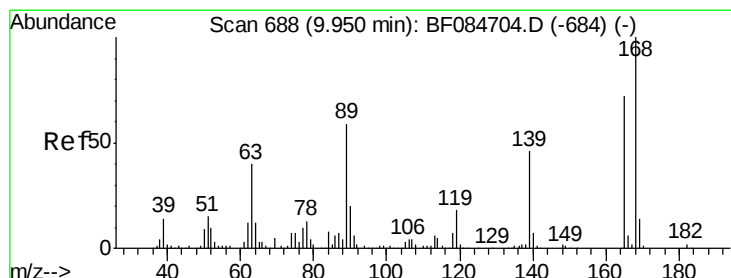
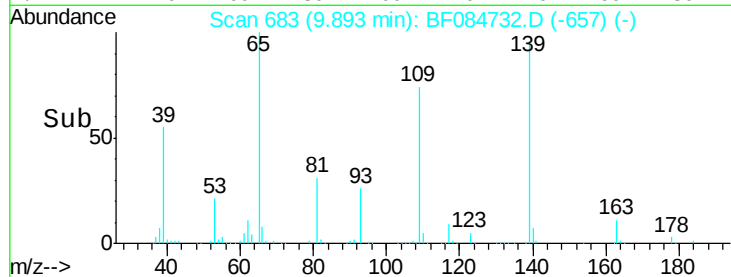
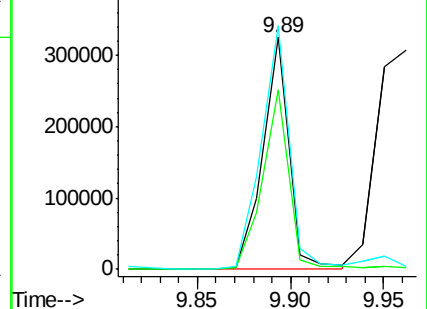
65 105.1 57.6 97.6#



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: 44.52 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:165 Resp: 285355

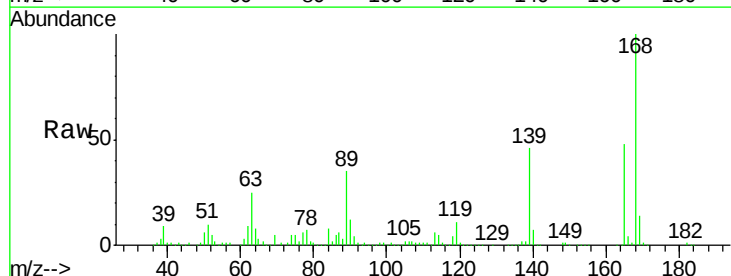
Ion Ratio Lower Upper

165 100

63 53.2 36.7 55.1

89 73.7 61.9 92.9

182 2.3 2.0 3.0

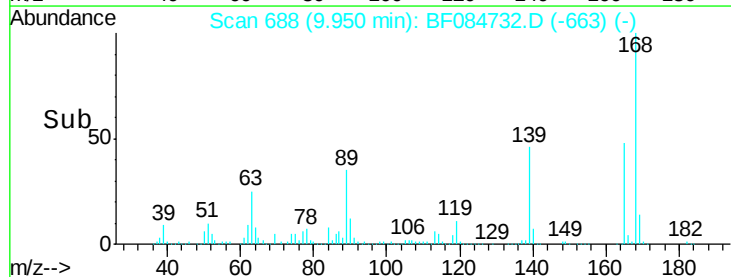
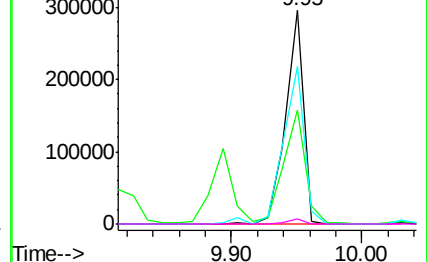


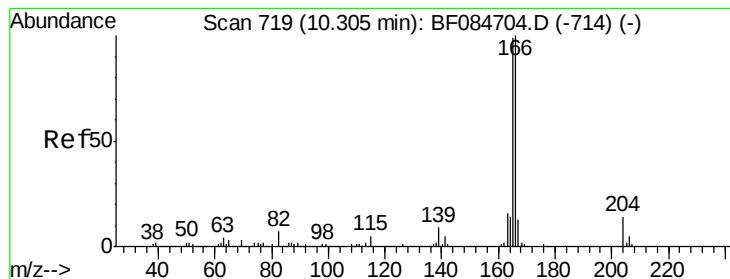
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.34 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

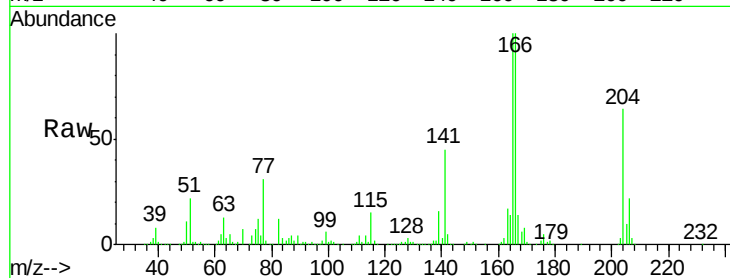
Tgt Ion:166 Resp: 767436

Ion Ratio Lower Upper

166 100

165 100.3 79.1 118.7

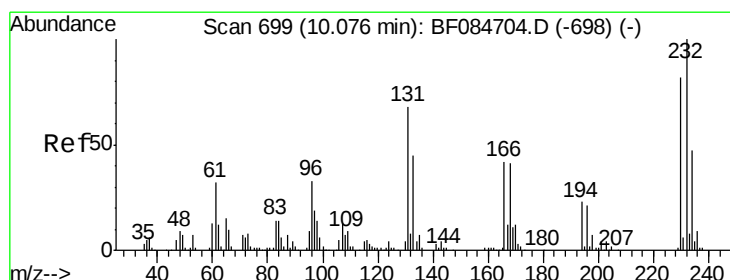
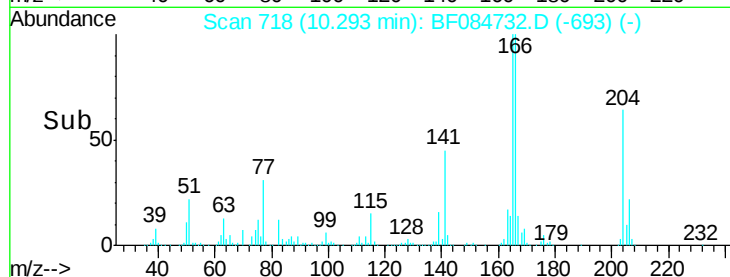
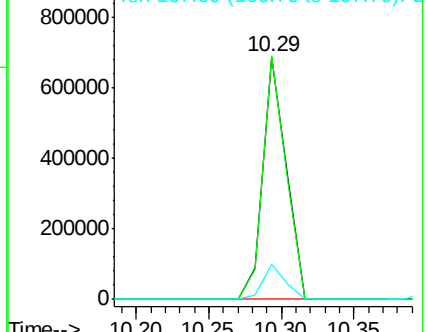
167 14.4 10.4 15.6



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: 43.55 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:232 Resp: 208142

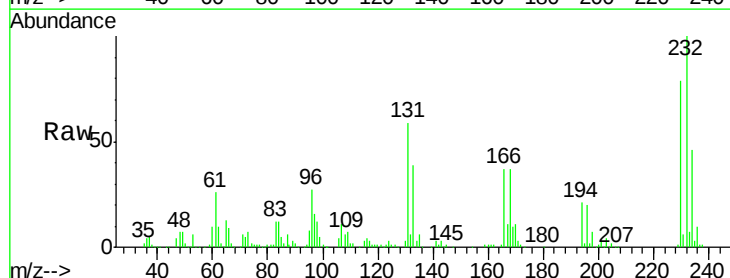
Ion Ratio Lower Upper

232 100

131 53.1 47.0 70.6

130 2.7 2.0 3.0

166 33.6 30.5 45.7

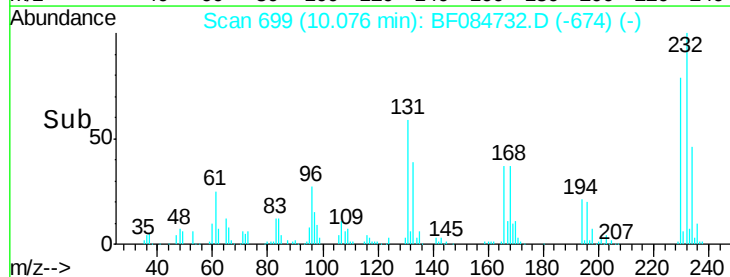
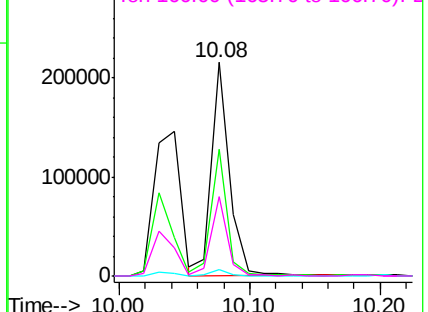


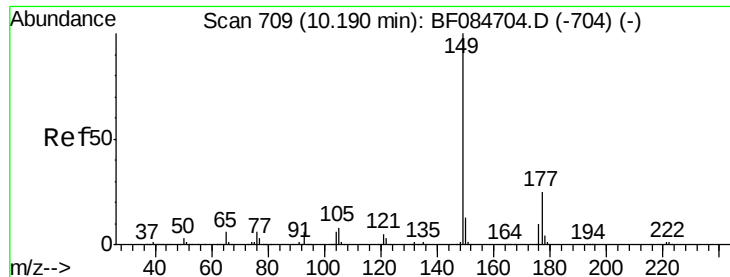
Abundance Ion 232.00 (231.70 to 232.70): E

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

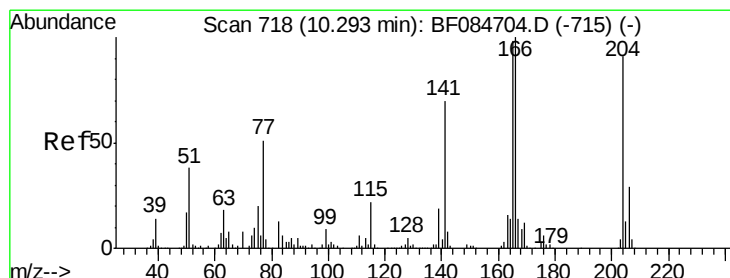
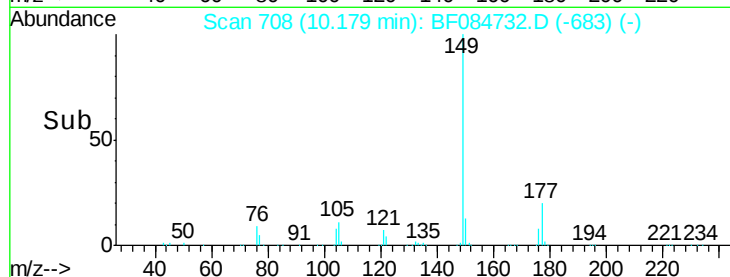
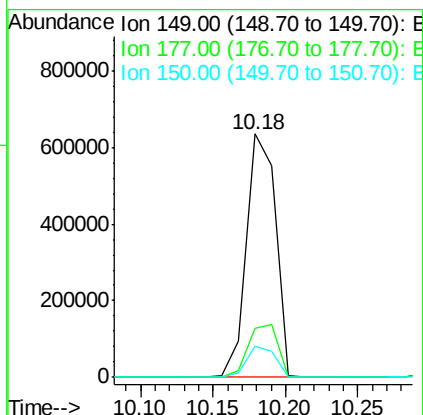
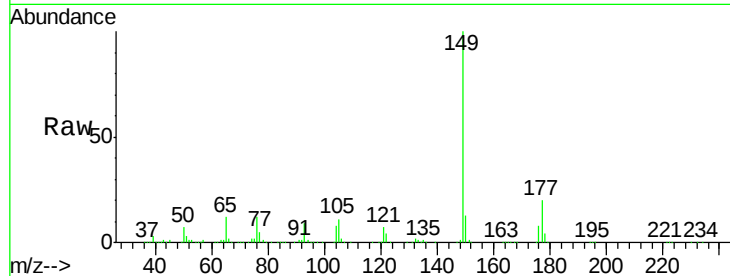




#59
Diethylphthalate
Concen: 39.46 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

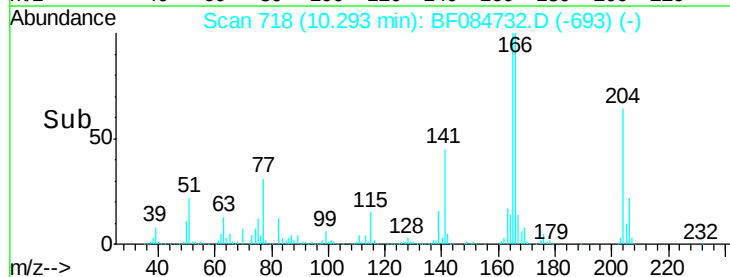
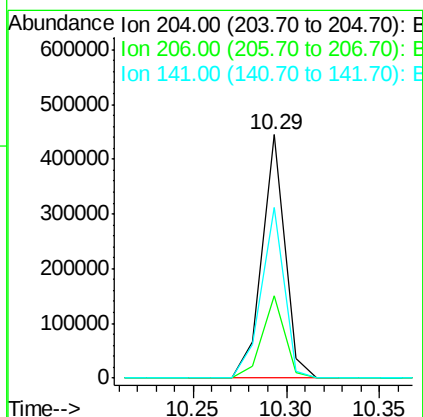
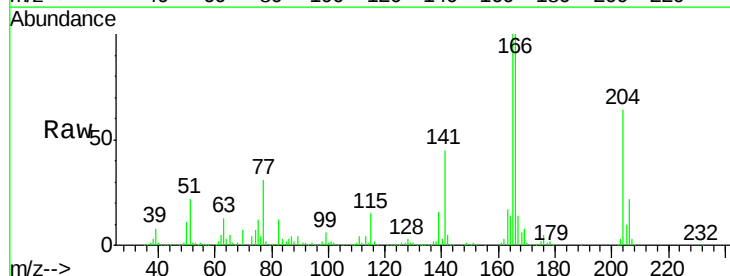
Instrument :
BNA_F
ClientSampleId :
EP002MS

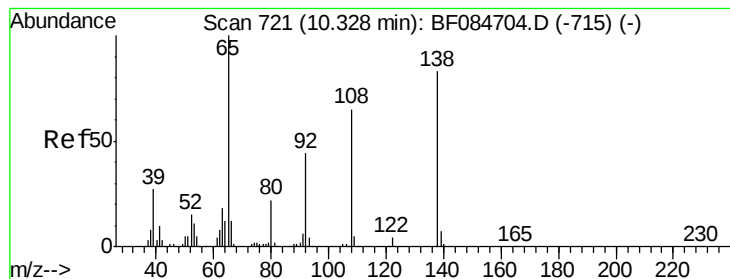
Tgt Ion:149 Resp: 886331
Ion Ratio Lower Upper
149 100
177 20.4 17.3 25.9
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:204 Resp: 375201
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 69.8 55.1 82.7





#61

4-Nitroaniline

Concen: 41.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

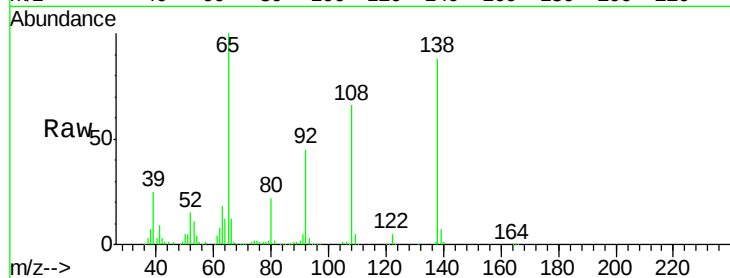
Tgt Ion:138 Resp: 225662

Ion Ratio Lower Upper

138 100

92 51.7 32.6 72.6

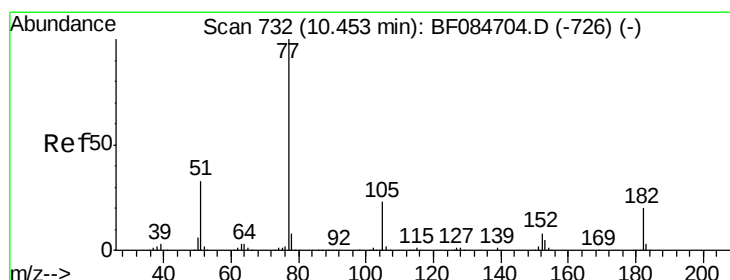
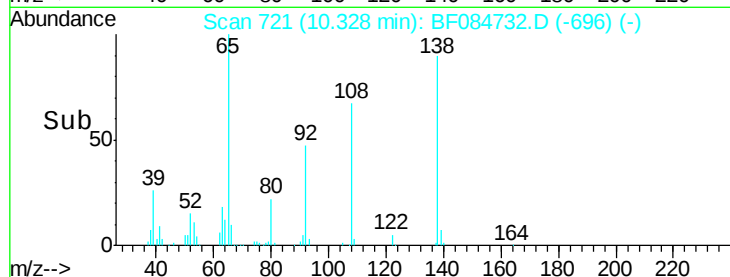
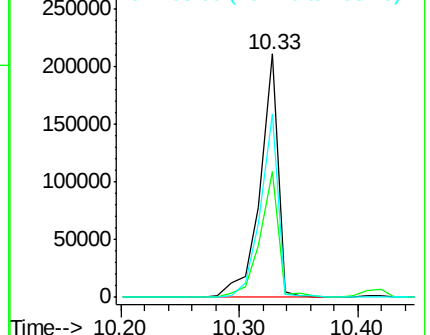
108 75.6 68.6 108.6



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: 46.06 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion: 77 Resp: 994711

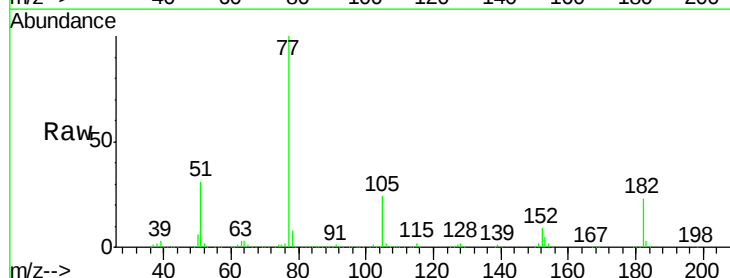
Ion Ratio Lower Upper

77 100

182 23.4 8.3 48.3

105 24.3 4.6 44.6

51 31.1 6.2 46.2

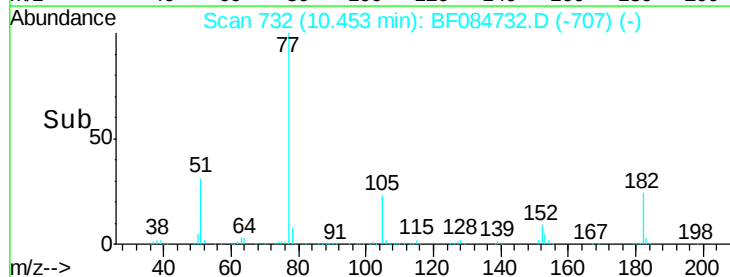
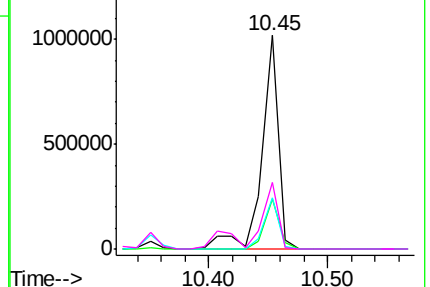


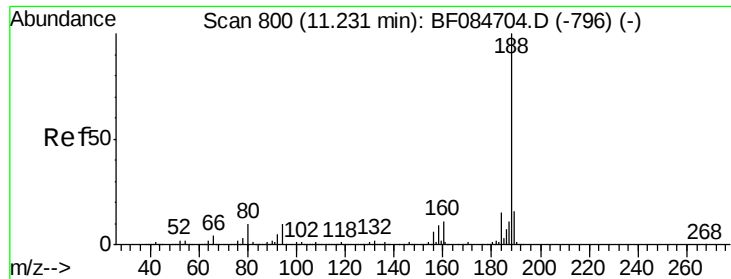
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

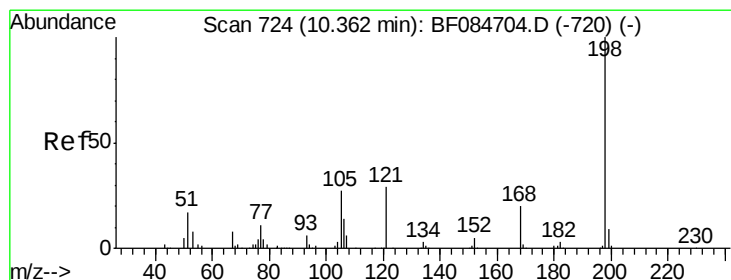
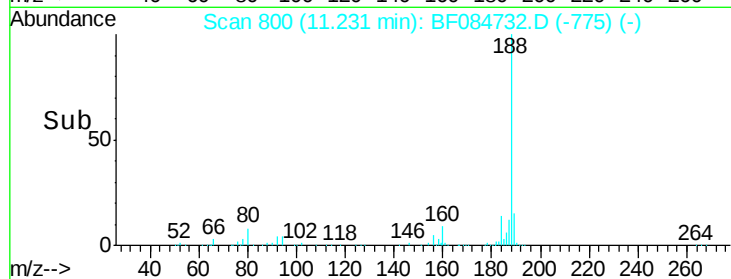
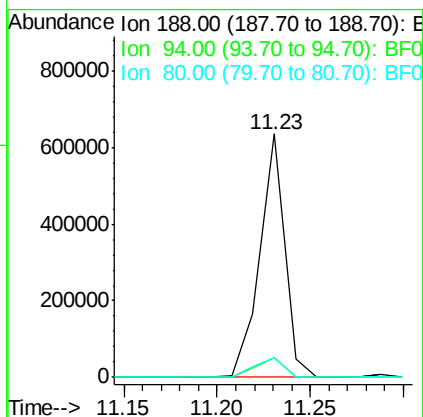
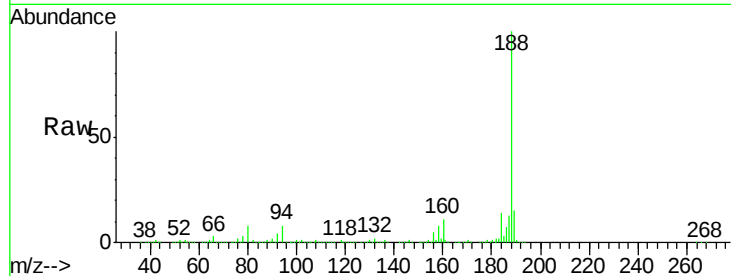




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

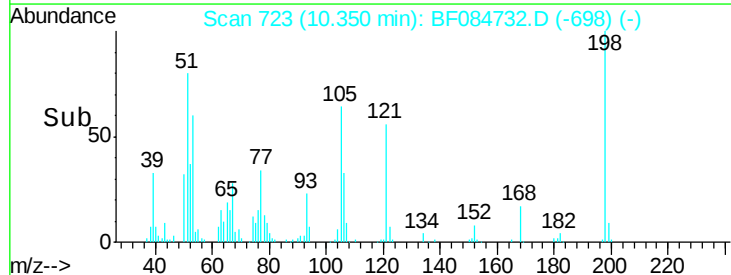
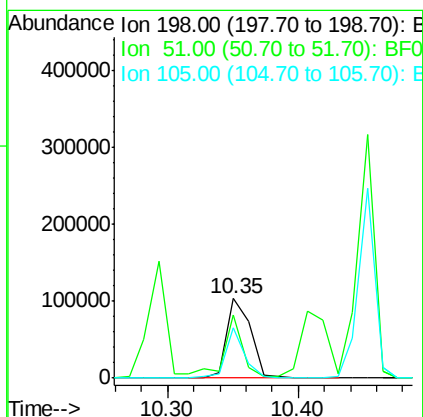
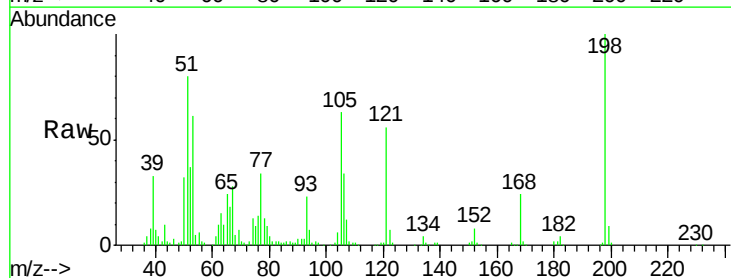
Instrument :
BNA_F
ClientSampleId :
EP002MS

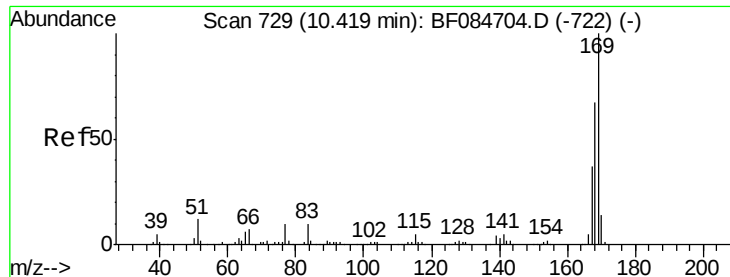
Tgt Ion:188 Resp: 588211
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.4#
80 8.0 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.29 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:198 Resp: 131759
Ion Ratio Lower Upper
198 100
51 79.7 18.9 58.9#
105 63.3 26.4 66.4

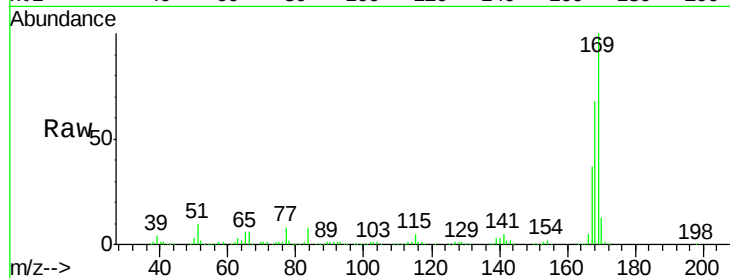




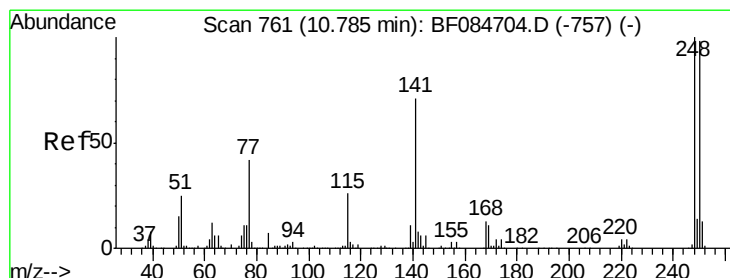
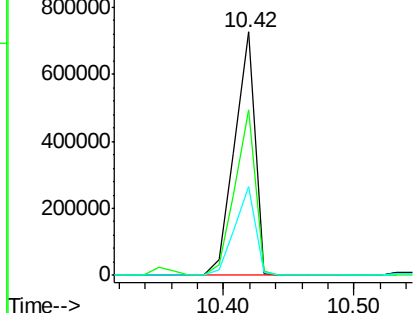
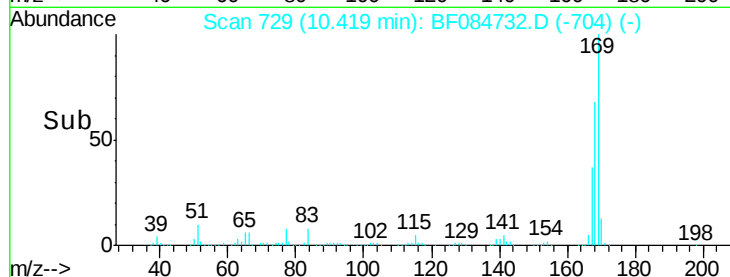
#65
 n-Nitrosodiphenylamine
 Concen: 42.10 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion:169 Resp: 786269
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.1 82.7
 167 36.6 30.0 45.0

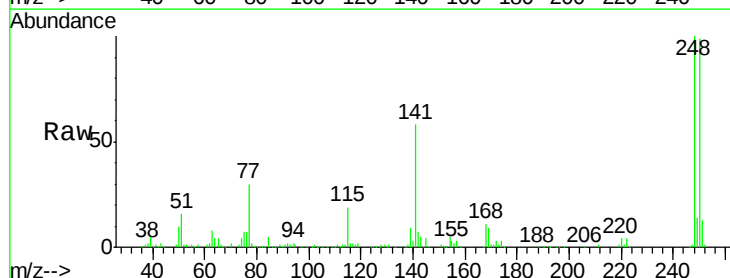


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

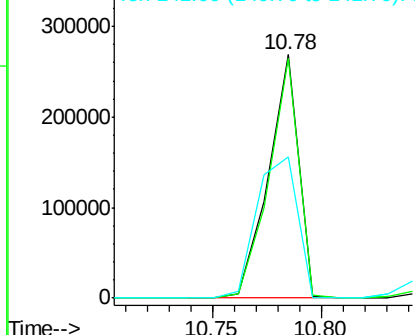
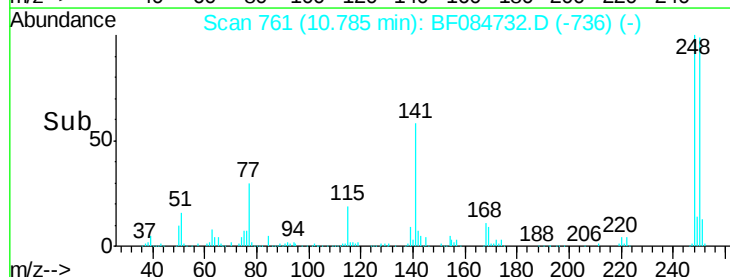


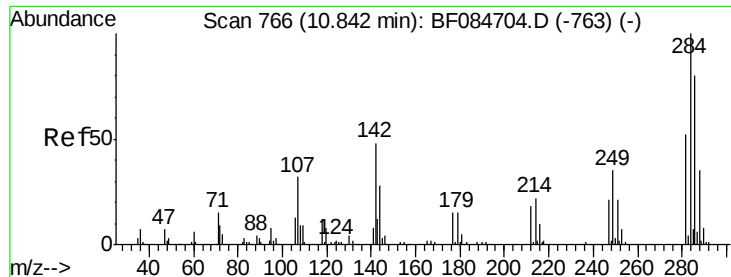
#66
 4-Bromophenyl-phenylether
 Concen: 40.35 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:248 Resp: 262163
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.4 117.6
 141 58.1 44.0 66.0



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

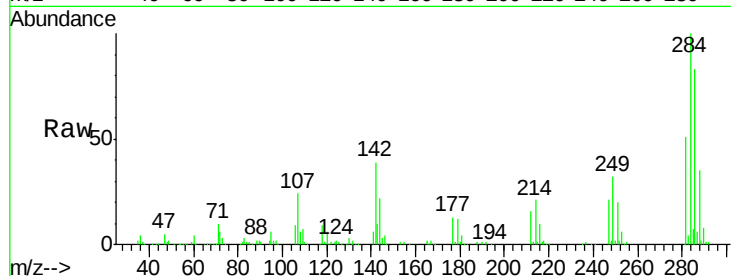




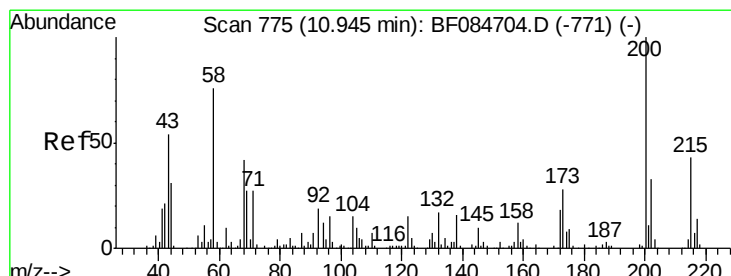
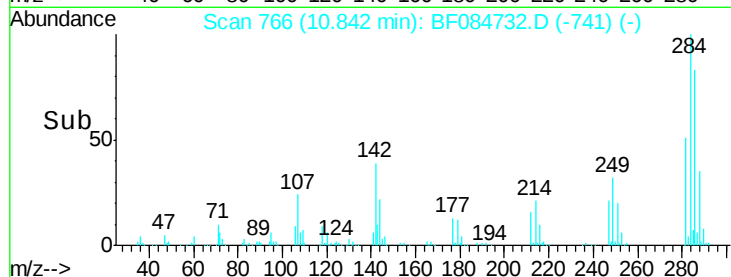
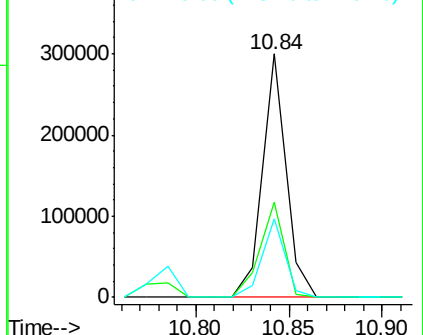
#67
Hexachlorobenzene
Concen: 36.81 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tgt Ion:284 Resp: 260567
Ion Ratio Lower Upper
284 100
142 38.9 22.2 33.4#
249 32.1 24.6 37.0

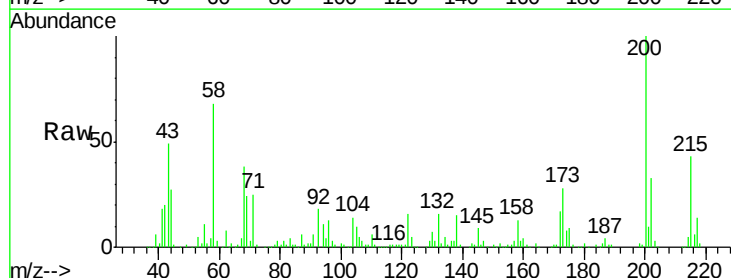


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

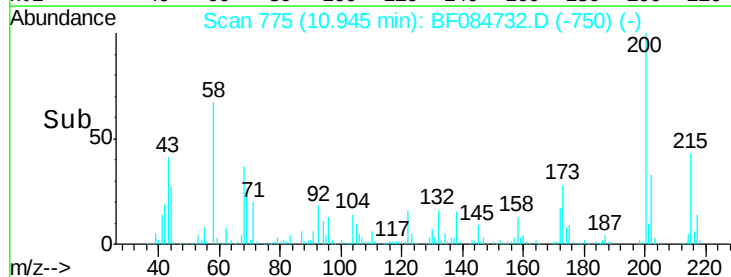
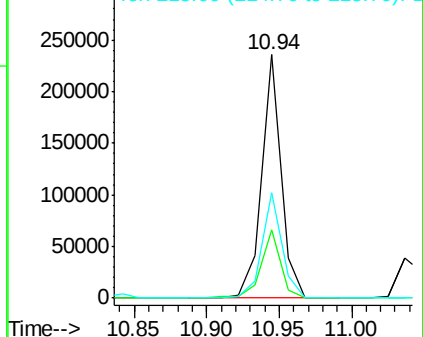


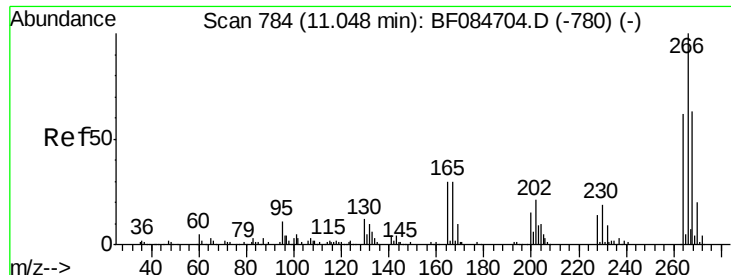
#68
Atrazine
Concen: 37.19 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:200 Resp: 219345
Ion Ratio Lower Upper
200 100
173 28.0 9.5 49.5
215 43.5 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

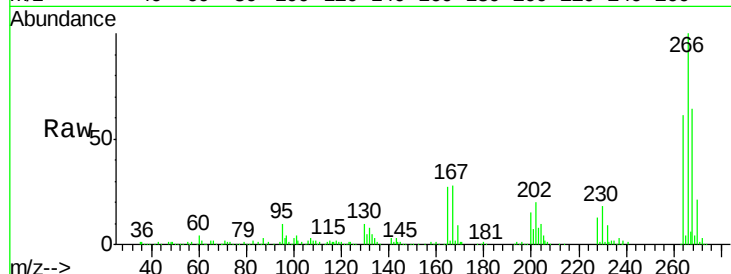




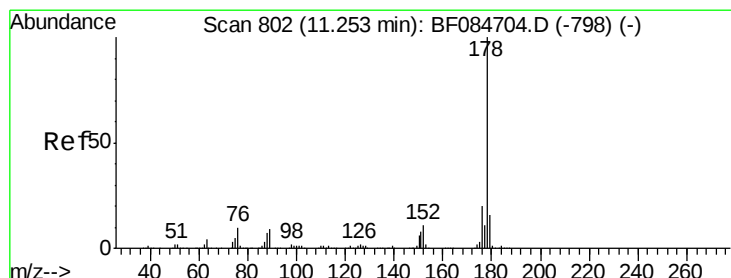
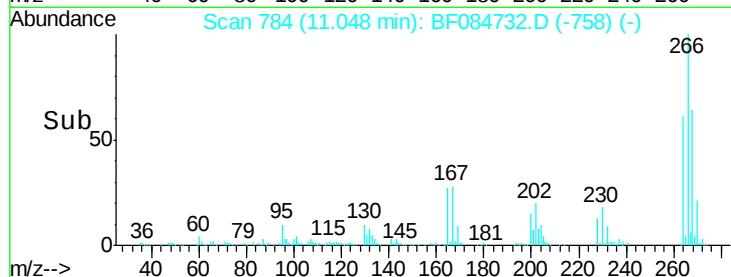
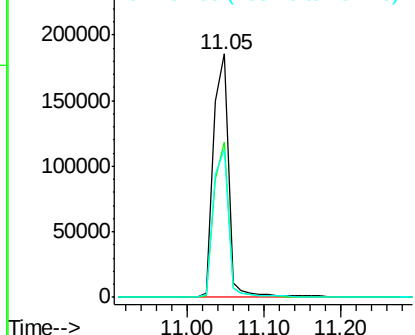
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion:266 Resp: 255126
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.4 78.6
 264 60.7 50.2 75.2

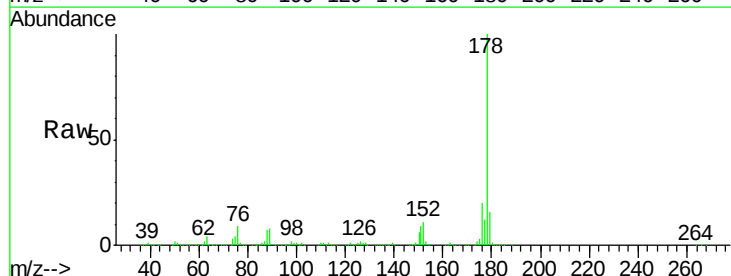


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

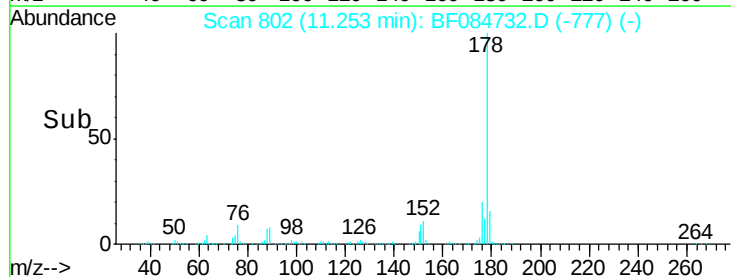
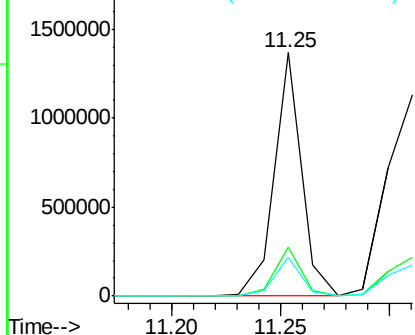


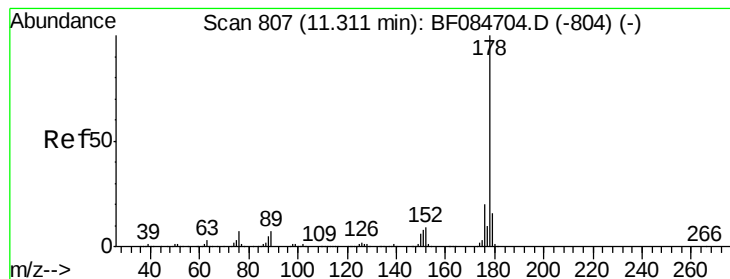
#70
 Phenanthrene
 Concen: 36.78 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:178 Resp: 1200020
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 16.0 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: 39.78 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

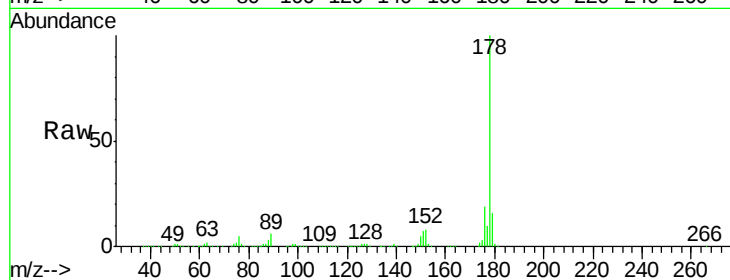
Tgt Ion:178 Resp: 1307559

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

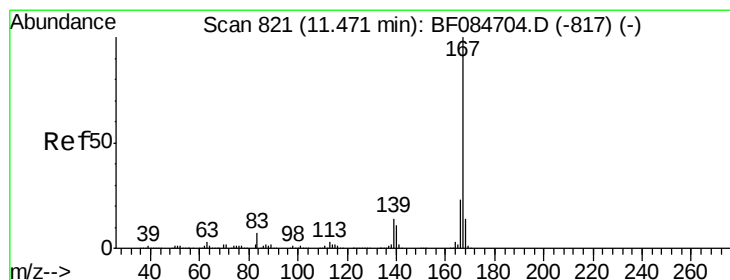
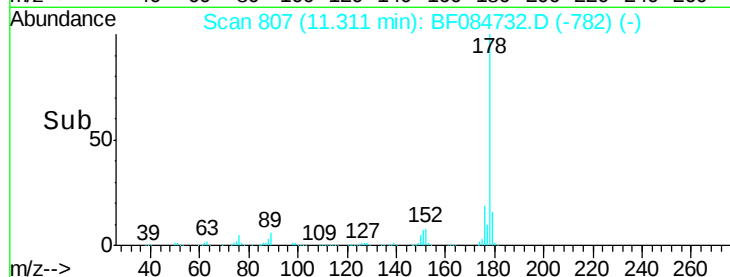
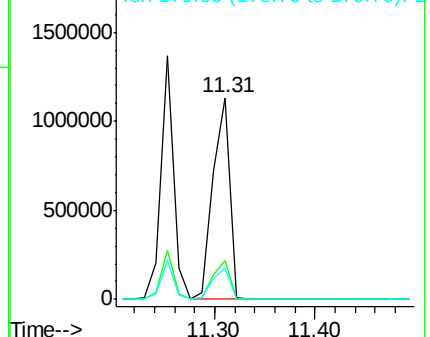
179 15.6 12.5 18.7



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: 39.25 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

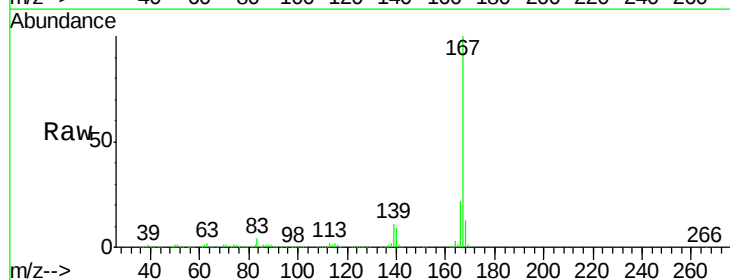
Tgt Ion:167 Resp: 1125162

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

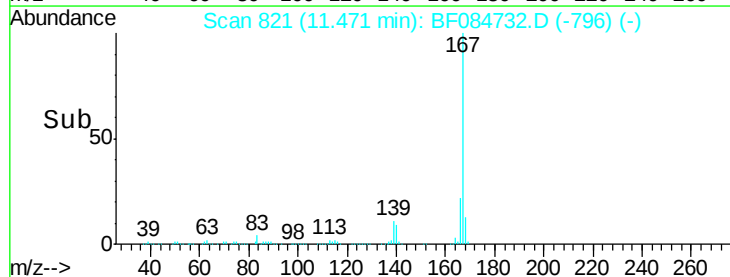
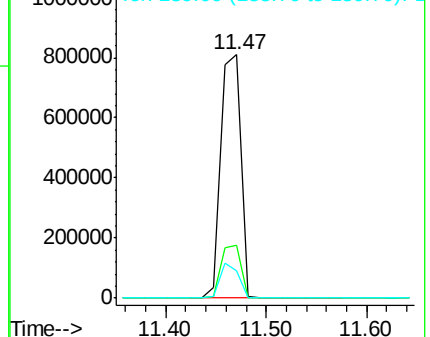
139 11.4 11.8 17.8#

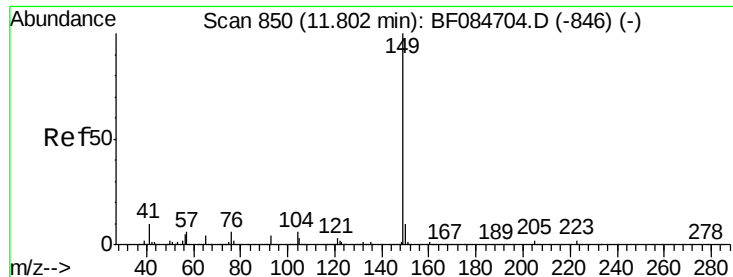


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

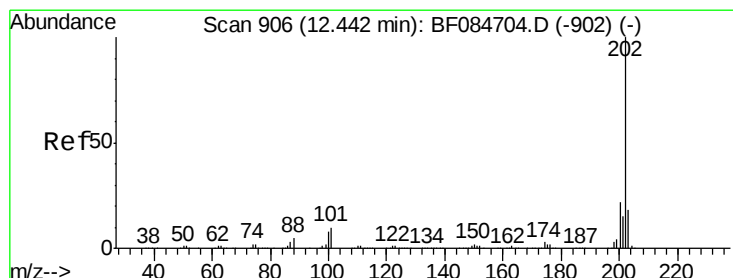
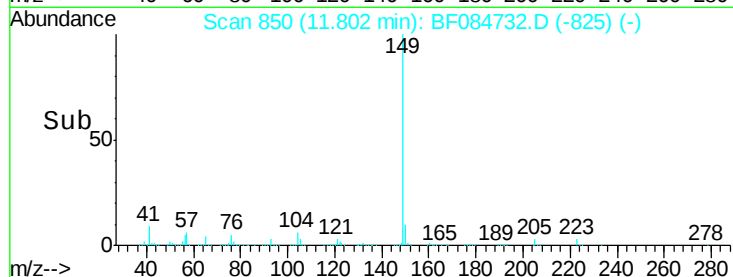
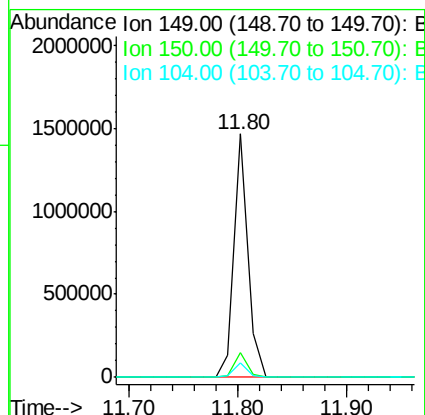
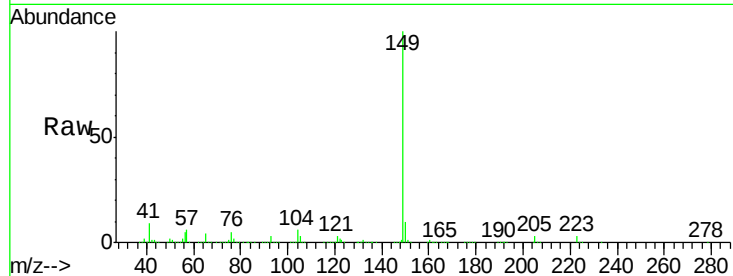




#73
Di-n-butylphthalate
Concen: 35.26 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

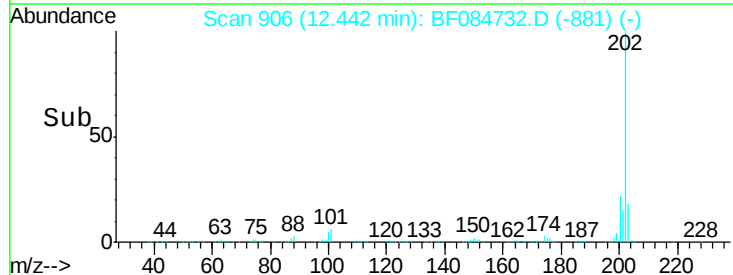
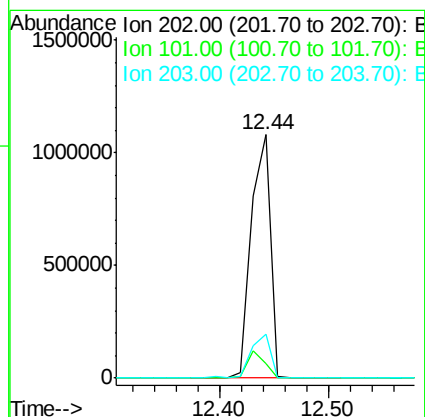
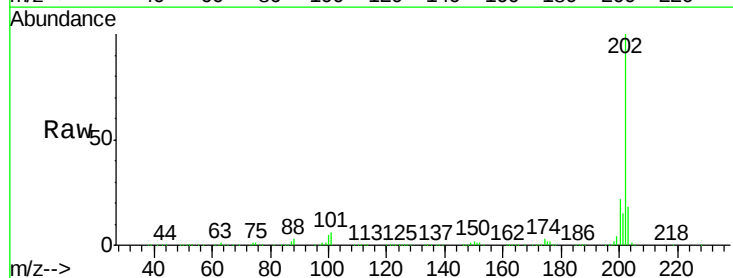
Instrument :
BNA_F
ClientSampleId :
EP002MS

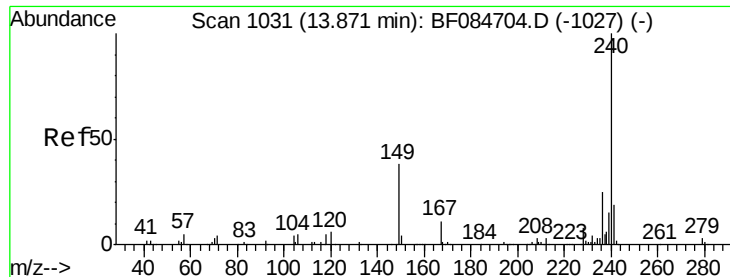
Tgt Ion:149 Resp: 1286822
Ion Ratio Lower Upper
149 100
150 10.1 7.1 10.7
104 5.7 3.2 4.8#



#74
Fluoranthene
Concen: 40.26 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:202 Resp: 1329232
Ion Ratio Lower Upper
202 100
101 6.1 0.0 32.8
203 18.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

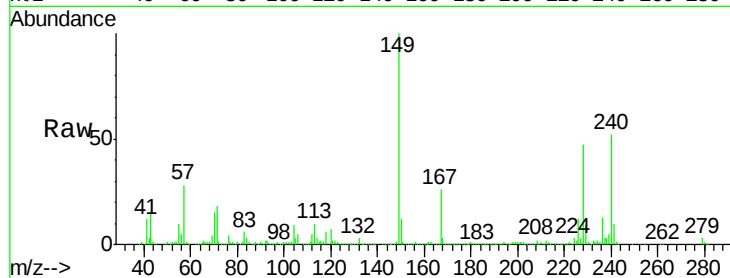
Tgt Ion:240 Resp: 405795

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

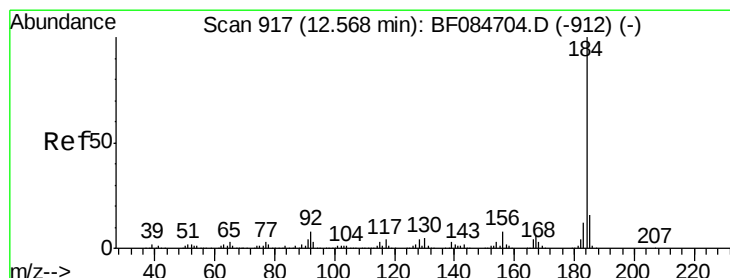
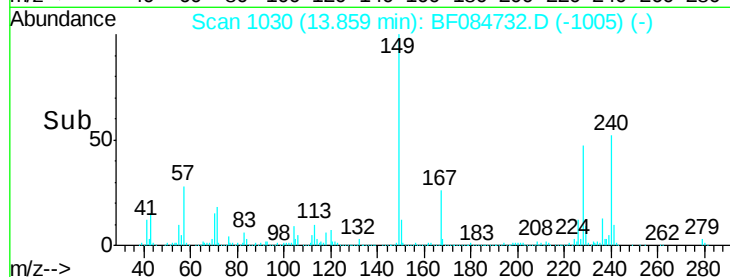
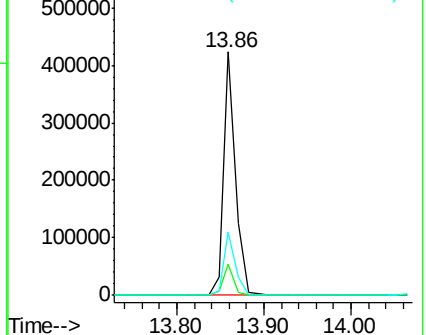
236 25.7 20.6 31.0



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: 34.62 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

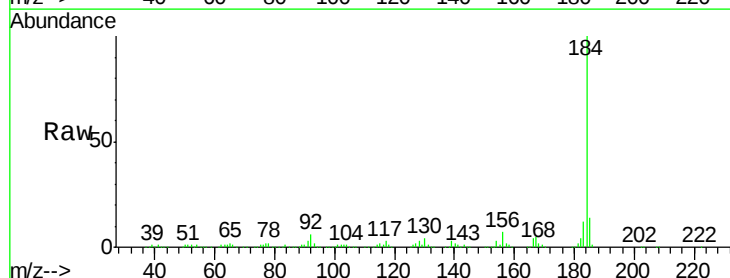
Tgt Ion:184 Resp: 498168

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

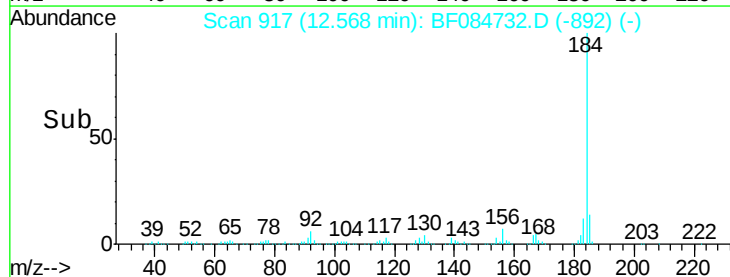
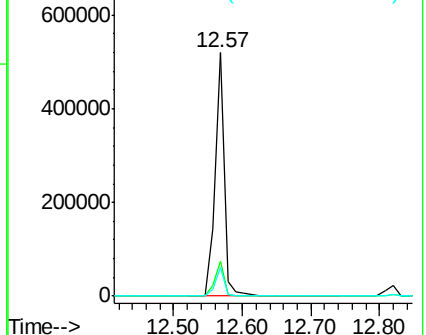
183 11.6 9.8 14.8

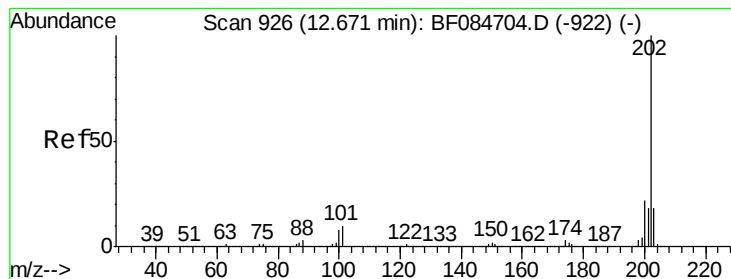


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.79 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

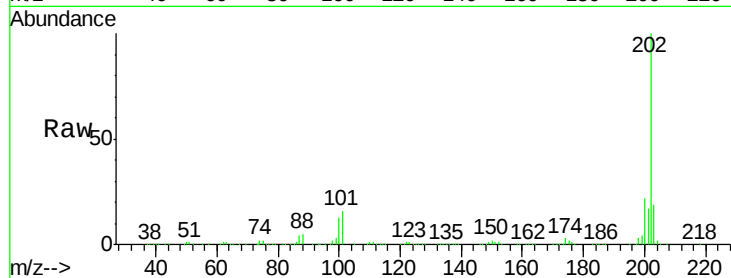
Tgt Ion:202 Resp: 1298507

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

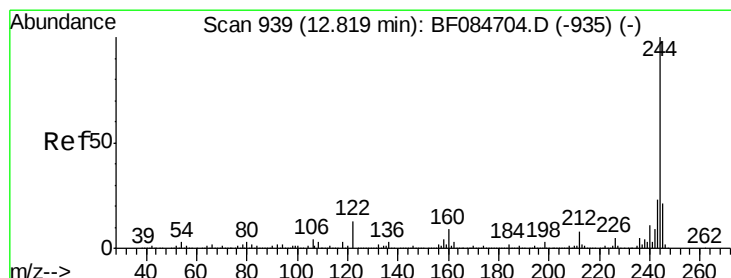
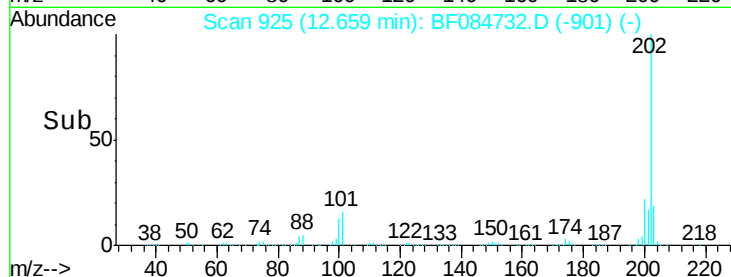
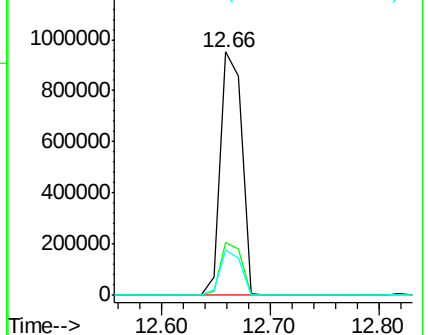
203 18.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.63 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

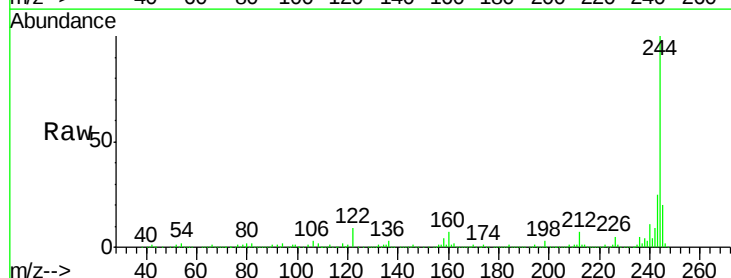
Tgt Ion:244 Resp: 1640822

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

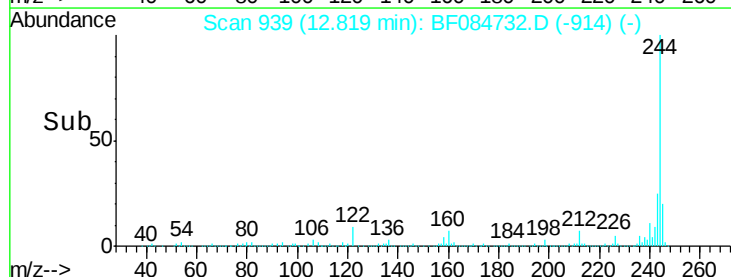
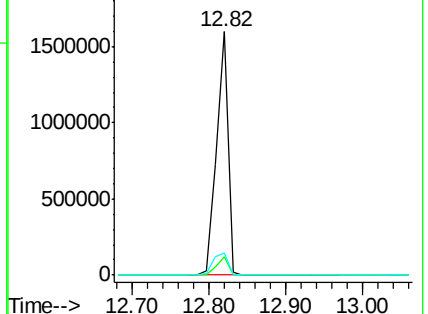
122 9.1 7.4 11.0

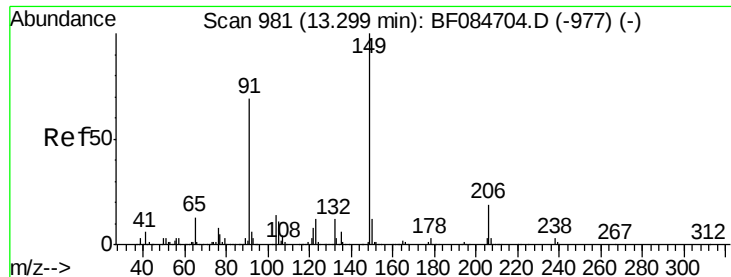


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

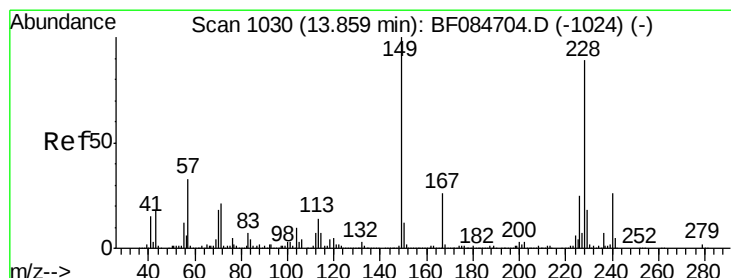
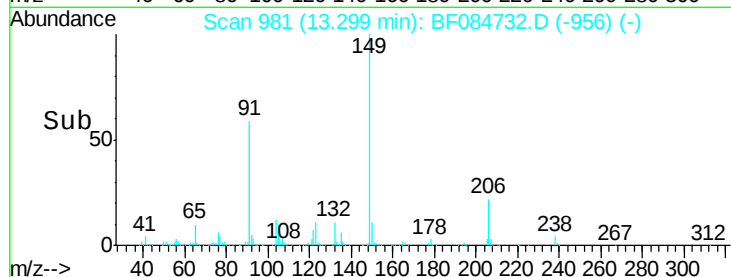
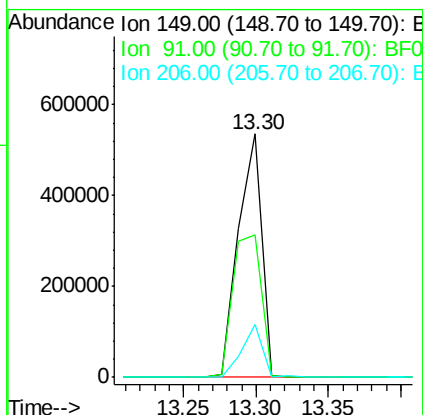
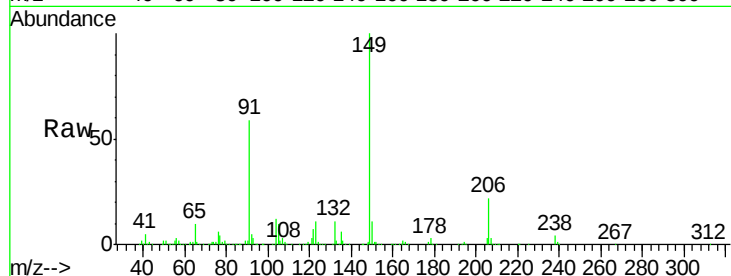




#79
Butylbenzylphthalate
Concen: 42.67 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

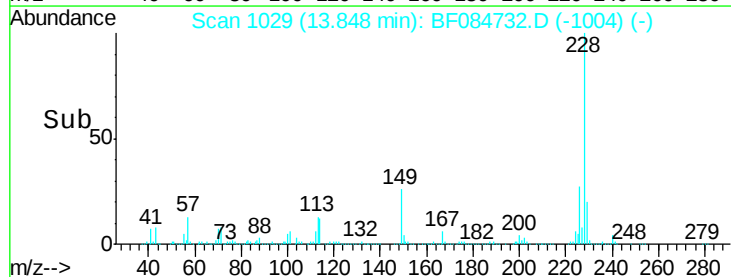
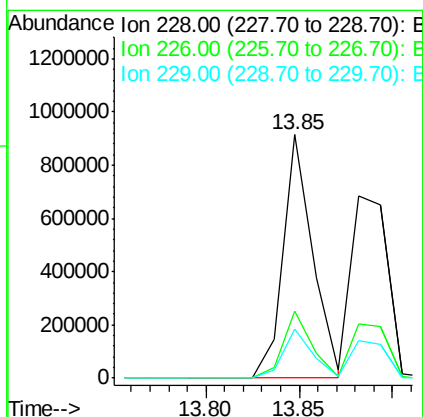
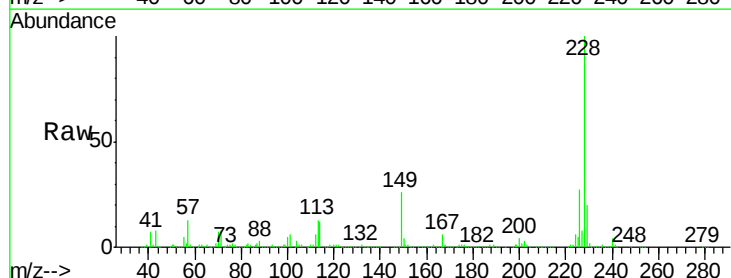
Instrument :
BNA_F
ClientSampleId :
EP002MS

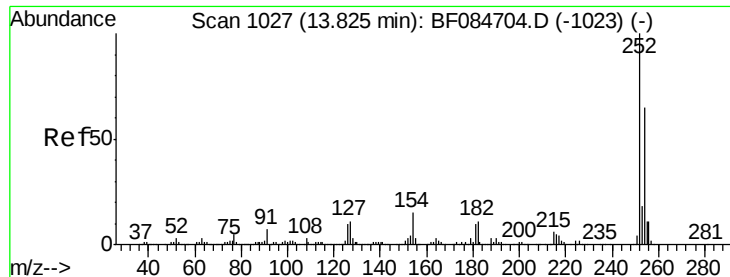
Tgt Ion:149 Resp: 601354
Ion Ratio Lower Upper
149 100
91 58.6 57.6 86.4
206 21.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 40.12 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:228 Resp: 1010515
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.3 15.8 23.8

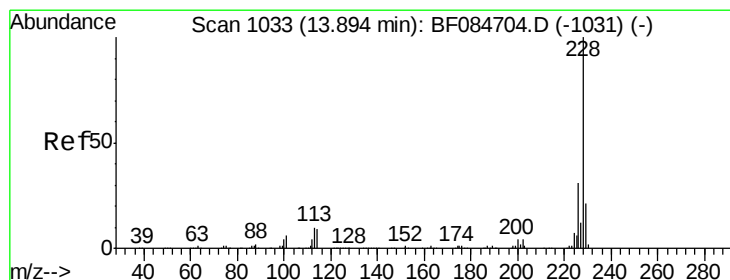
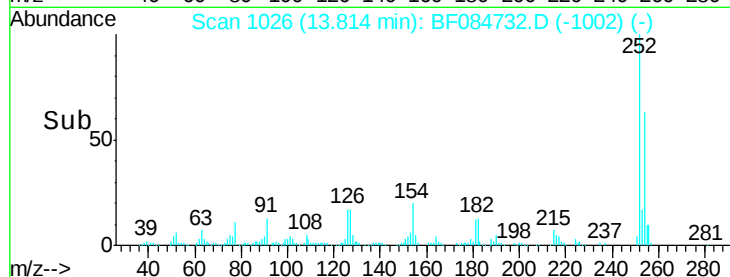
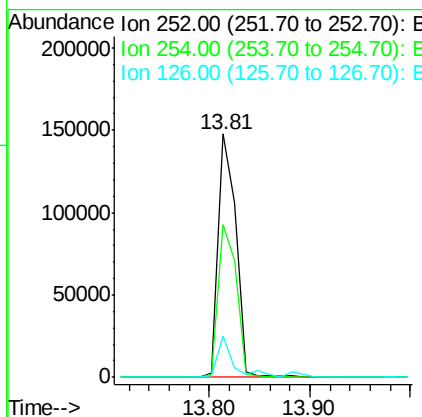
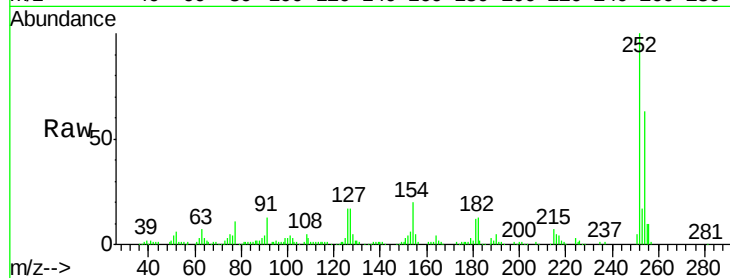




#81
 3,3'-Dichlorobenzidine
 Concen: 20.33 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

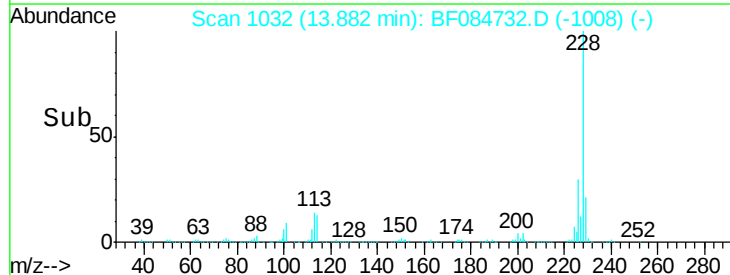
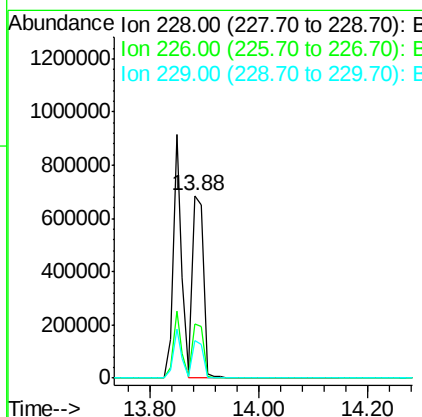
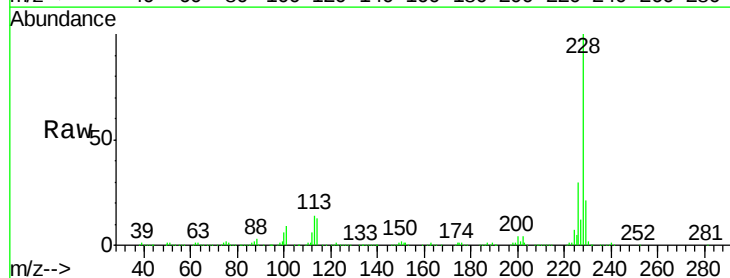
Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

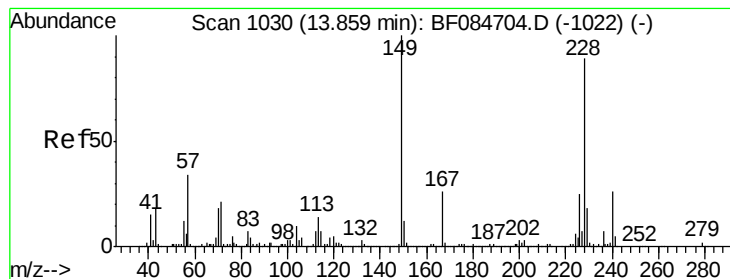
Tgt Ion:252 Resp: 181284
 Ion Ratio Lower Upper
 252 100
 254 62.7 53.5 80.3
 126 16.8 4.9 7.3#



#82
 Chrysene
 Concen: 38.66 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:228 Resp: 944118
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.88 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

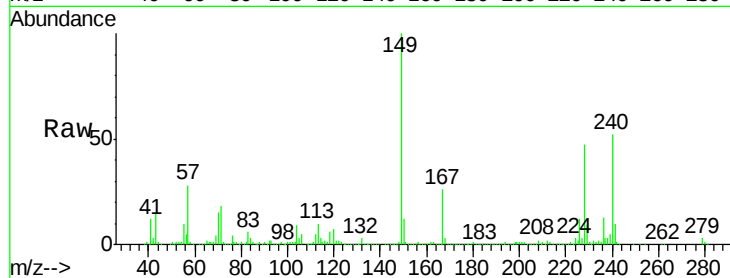
Tgt Ion:149 Resp: 752093

Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

279 3.0 1.8 2.6#

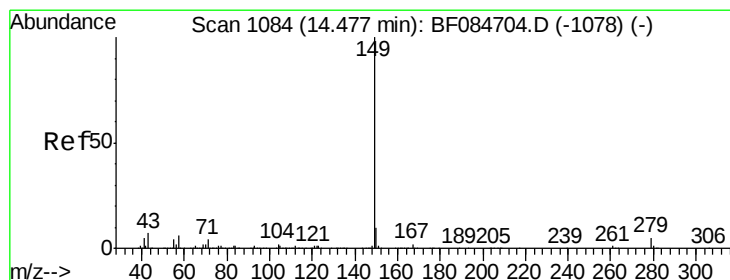
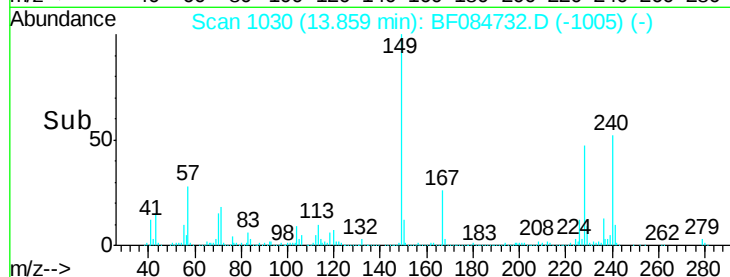


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 13.70 13.80 13.90 14.00



#84

Di-n-octyl phthalate

Concen: 41.08 ng

RT: 14.47 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

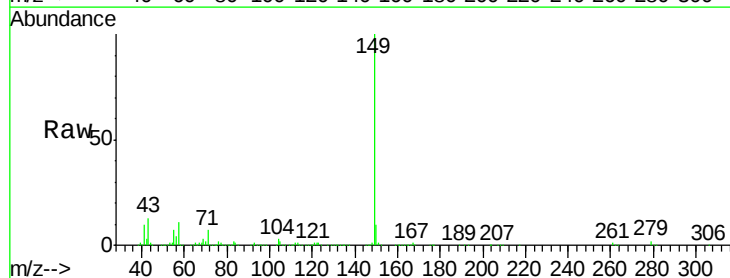
Tgt Ion:149 Resp: 1188808

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 5.6 8.4#

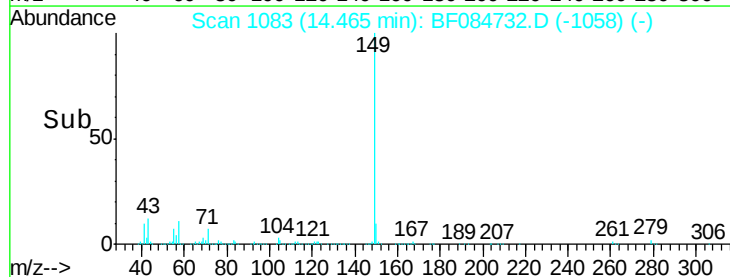


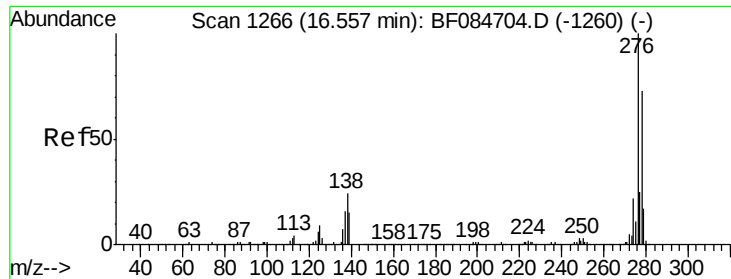
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time--> 14.40 14.50 14.60

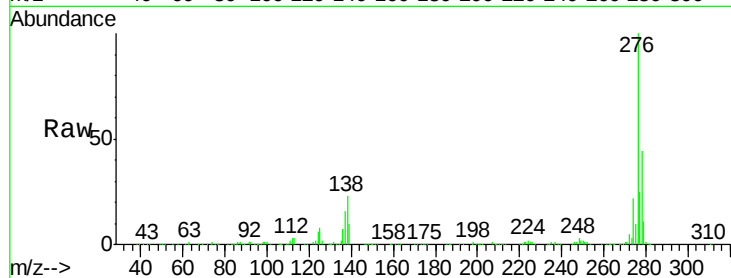




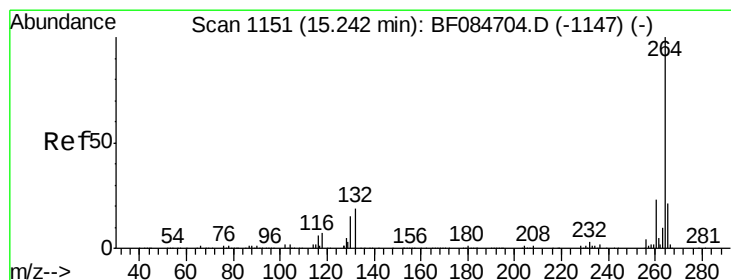
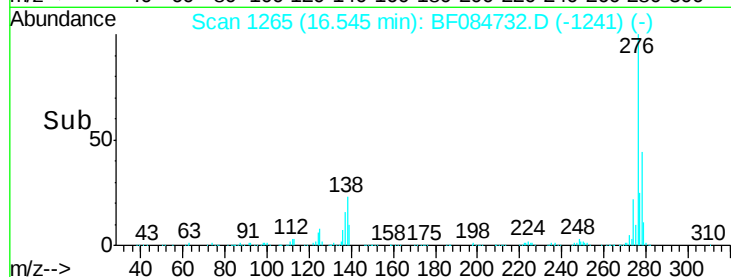
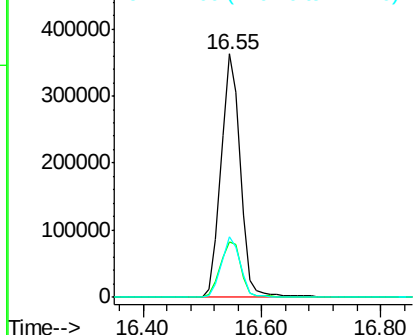
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.82 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	24.6	20.1	30.1

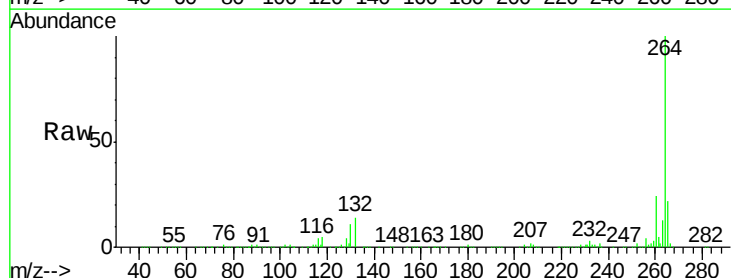


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

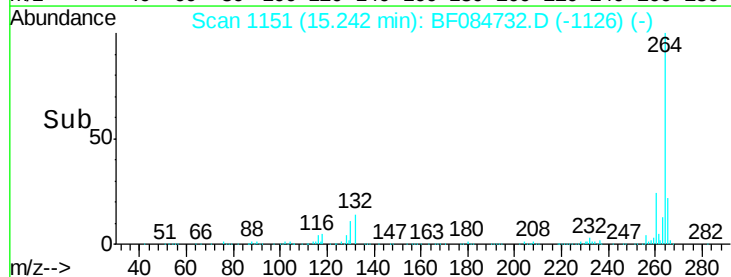
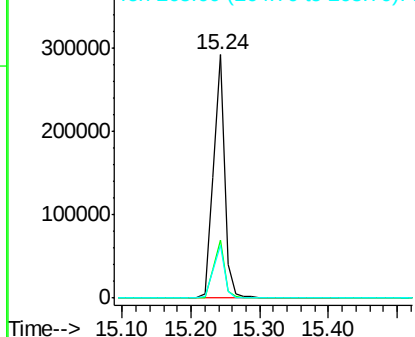


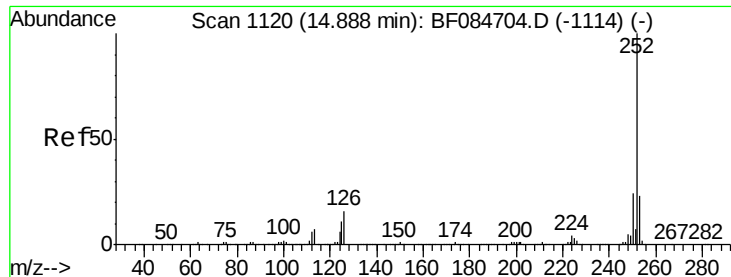
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

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



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

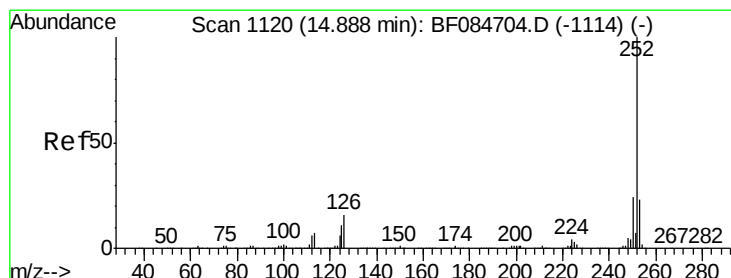
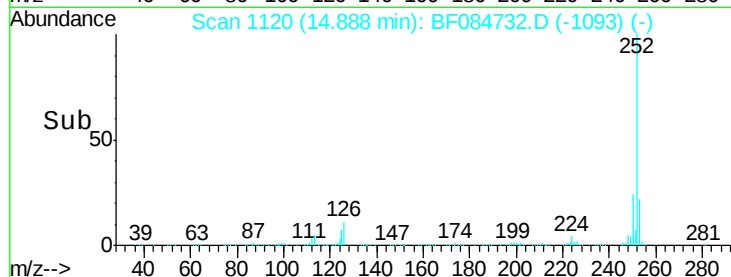
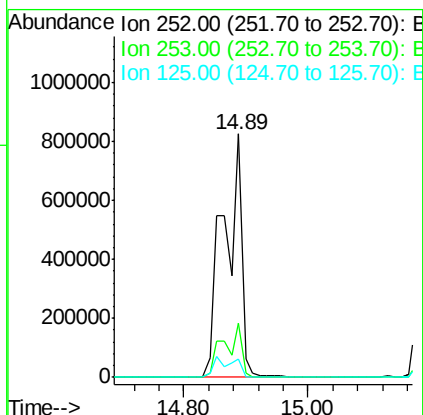
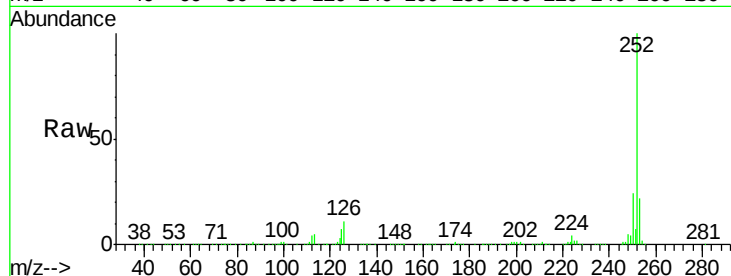




#87
Benzo(b)fluoranthene
Concen: 73.34 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

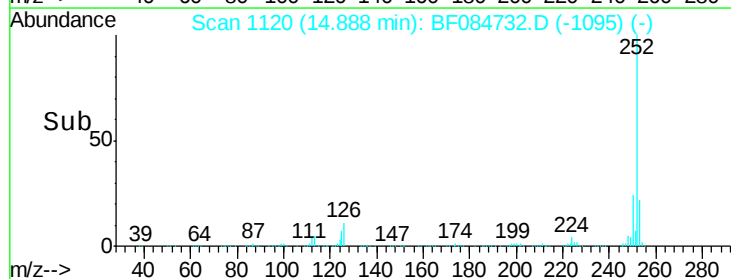
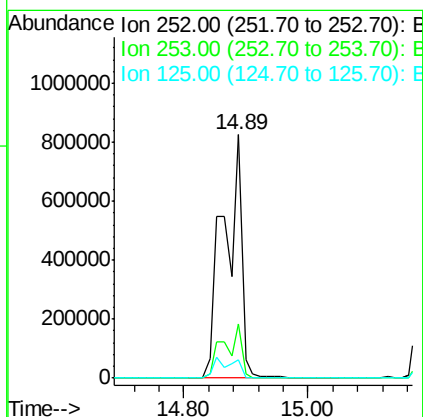
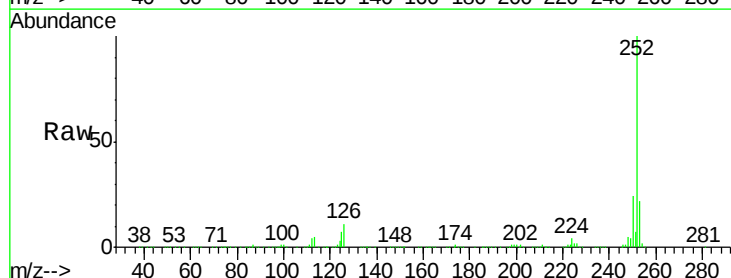
Instrument :
BNA_F
ClientSampleId :
EP002MS

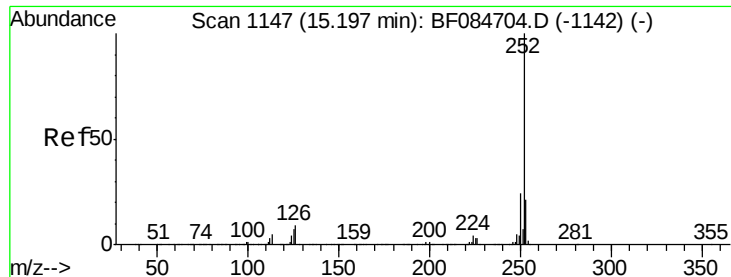
Tgt Ion:252 Resp: 1681298
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 88.70 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:252 Resp: 1681298
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 7.3 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 39.20 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

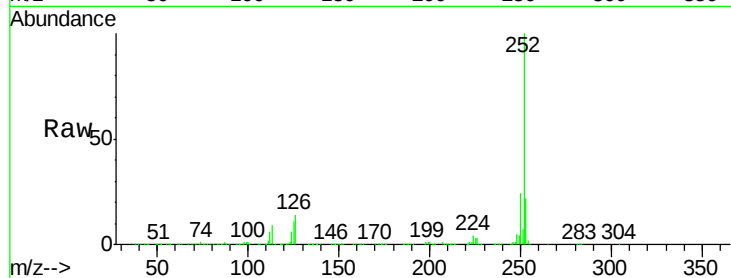
Tgt Ion:252 Resp: 765610

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

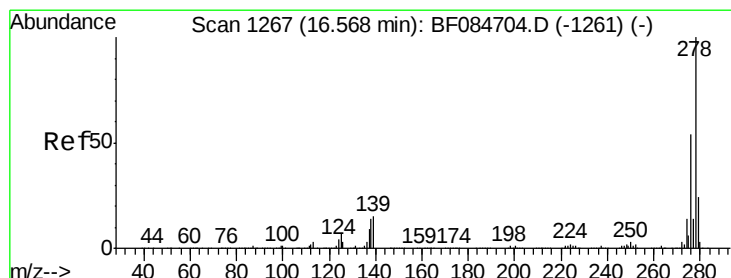
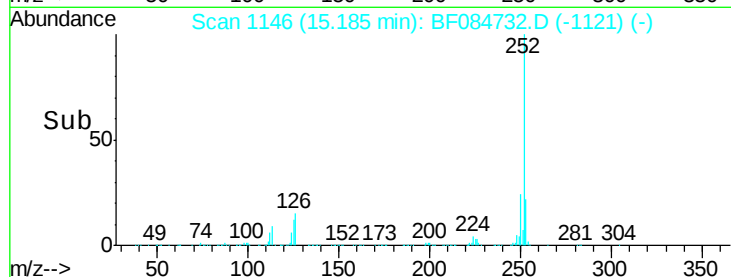
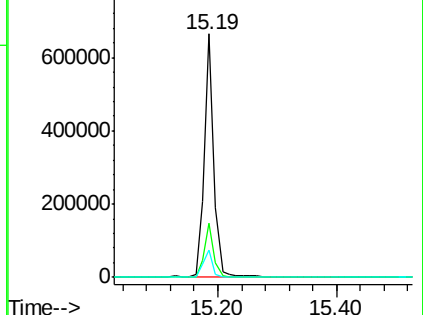
125 11.2 7.0 10.4#



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: 40.84 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

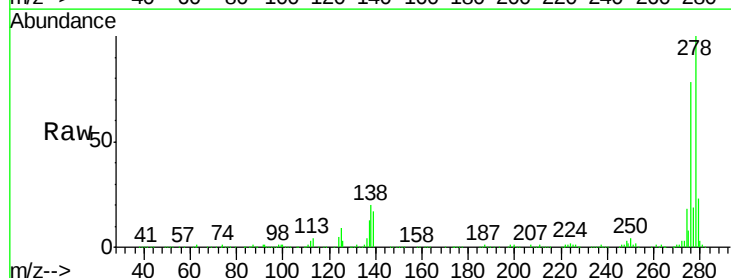
Tgt Ion:278 Resp: 671526

Ion Ratio Lower Upper

278 100

139 17.2 15.0 22.4

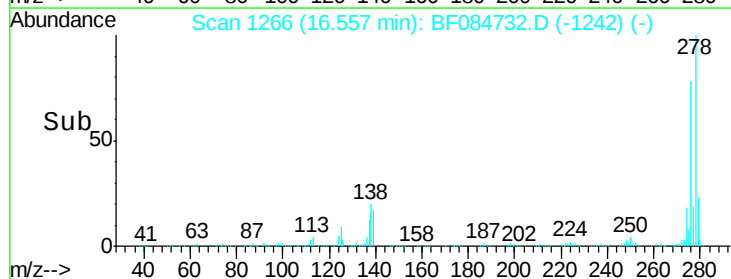
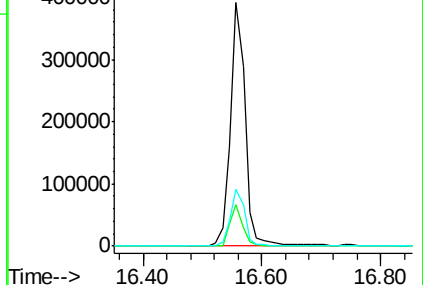
279 23.5 18.9 28.3

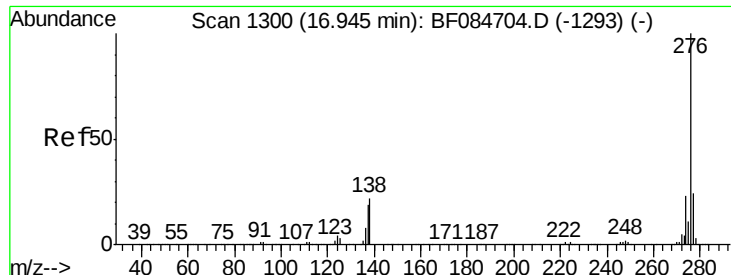


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.97 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

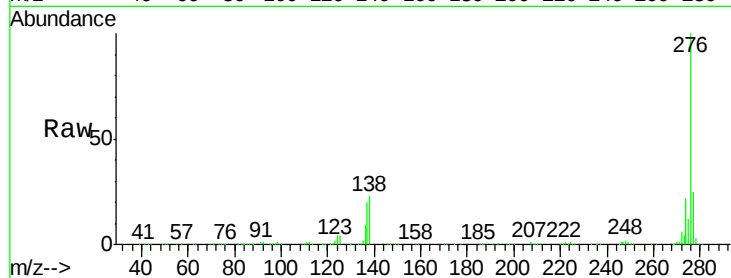
Tgt Ion: 276 Resp: 695124

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 22.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

