

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085017.D
 Acq On : 11 Feb 2016 14:25
 Operator : SJ/IZ
 Sample : PB88282BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Quant Time: Feb 11 16:04:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	145602	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	608925	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293995	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	588941	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	420393	20.00	ng	-0.01
86) Perylene-d12	15.12	264	318097	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	694886	74.34	ng	0.00
7) Phenol-d6	6.27	99	972646	83.93	ng	-0.01
23) Nitrobenzene-d5	7.19	82	868498	80.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	256295	83.58	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1487231	85.27	ng	-0.01
78) Terphenyl-d14	12.72	244	1533388	82.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.14	88	131364	32.08	ng	# 76
3) Pyridine	2.76	79	381525	35.76	ng	# 74
4) n-Nitrosodimethylamine	2.72	42	206498	37.42	ng	# 80
6) Aniline	6.27	93	173525	12.24	ng	# 44
8) 2-Chlorophenol	6.40	128	417788	39.48	ng	96
9) Benzaldehyde	6.15	77	108059	15.79	ng	96
10) Phenol	6.28	94	557554	42.95	ng	84
11) bis(2-Chloroethyl)ether	6.35	93	367308	36.28	ng	86
12) 1,3-Dichlorobenzene	6.55	146	408975	36.58	ng	97
13) 1,4-Dichlorobenzene	6.63	146	427225	38.23	ng	94
14) 1,2-Dichlorobenzene	6.78	146	350769	33.70	ng	95
15) Benzyl Alcohol	6.76	79	313840	39.22	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	591127	34.71	ng	87
17) 2-Methylphenol	6.89	107	308687	36.89	ng	# 91
18) Hexachloroethane	7.12	117	153506	35.67	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	268955	37.02	ng	# 72
20) 3+4-Methylphenols	7.05	107	430994	41.49	ng	89
22) Acetophenone	7.03	105	570942	35.58	ng	# 98
24) Nitrobenzene	7.20	77	380241	32.85	ng	94
25) Isophorone	7.45	82	779880	37.10	ng	97
26) 2-Nitrophenol	7.52	139	205514	36.00	ng	# 83
27) 2,4-Dimethylphenol	7.58	122	381622	38.43	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	507347	40.69	ng	98
29) 2,4-Dichlorophenol	7.77	162	352088	41.44	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	349184	36.39	ng	95
31) Naphthalene	7.92	128	1084912	35.52	ng	99
32) Benzoic acid	7.71	122	224950	35.42	ng	96
33) 4-Chloroaniline	7.98	127	82087	6.50	ng	98
34) Hexachlorobutadiene	8.04	225	204623	36.98	ng	98
35) Caprolactam	8.36	113	79137	30.22	ng	# 80
36) 4-Chloro-3-methylphenol	8.48	107	364909	37.65	ng	95
37) 2-Methylnaphthalene	8.62	142	820452	42.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	307998	32.99	ng	98
40) Hexachlorocyclopentadiene	8.76	237	273160	69.90	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.90	196	236710	39.35	ng	94
43) 2,4,5-Trichlorophenol	8.95	196	243362	39.82	ng	# 94
45) 1,1'-Biphenyl	9.07	154	911130	34.70	ng	97
46) 2-Chloronaphthalene	9.10	162	664407	34.36	ng	97
47) 2-Nitroaniline	9.21	65	238287	38.92	ng	# 59
48) Acenaphthylene	9.51	152	1025200	34.93	ng	98
49) Dimethylphthalate	9.39	163	853154	38.10	ng	# 90
50) 2,6-Dinitrotoluene	9.45	165	178651	36.52	ng	# 59
51) Acenaphthene	9.68	154	648098	33.95	ng	98
52) 3-Nitroaniline	9.61	138	60301	10.97	ng	97
53) 2,4-Dinitrophenol	9.74	184	163442	72.94	ng	# 83
54) Dibenzofuran	9.86	168	967959	41.48	ng	97
55) 4-Nitrophenol	9.80	139	234562	58.06	ng	# 76
56) 2,4-Dinitrotoluene	9.86	165	254829	40.84	ng	# 75
57) Fluorene	10.19	166	710663	36.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197382	42.42	ng	# 86
59) Diethylphthalate	10.09	149	849946	38.87	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	337426	40.49	ng	94
61) 4-Nitroaniline	10.23	138	188690	35.23	ng	91
62) Azobenzene	10.35	77	915885	43.56	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125442	34.51	ng	# 71
65) n-Nitrosodiphenylamine	10.32	169	732028	39.14	ng	98
66) 4-Bromophenyl-phenylether	10.68	248	243640	37.45	ng	99
67) Hexachlorobenzene	10.74	284	246036	34.71	ng	# 88
68) Atrazine	10.86	200	256490	43.43	ng	96
69) Pentachlorophenol	10.95	266	233076	69.97	ng	98
70) Phenanthrene	11.15	178	1170503	35.83	ng	97
71) Anthracene	11.21	178	1224143	37.19	ng	99
72) Carbazole	11.37	167	1114074	38.82	ng	97
73) Di-n-butylphthalate	11.70	149	1260004	34.48	ng	# 97
74) Fluoranthene	12.33	202	1183144	35.79	ng	99
76) Benzidine	12.47	184	291402	21.11	ng	97
77) Pyrene	12.56	202	1153726	35.84	ng	99
79) Butylbenzylphthalate	13.20	149	562454	38.52	ng	# 89
80) Benzo(a)anthracene	13.75	228	981501	37.62	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	91789	9.94	ng	# 95
82) Chrysene	13.78	228	806484	31.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	657193	36.17	ng	97
84) Di-n-octyl phthalate	14.37	149	1047616	34.95	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.37	276	723941	36.35	ng	98
87) Benzo(b)fluoranthene	14.78	252	1451653	67.92	ng	# 97
88) Benzo(k)fluoranthene	14.78	252	1451653	82.15	ng	99
89) Benzo(a)pyrene	15.06	252	664643	36.50	ng	# 96
90) Dibenzo(a,h)anthracene	16.38	278	601377	39.23	ng	97
91) Benzo(g,h,i)perylene	16.74	276	626884	40.60	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

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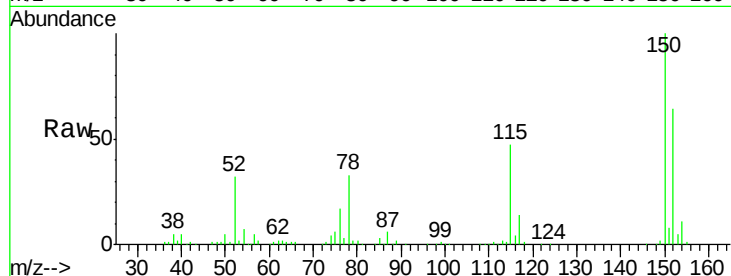
Tgt Ion:152 Resp: 145602

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

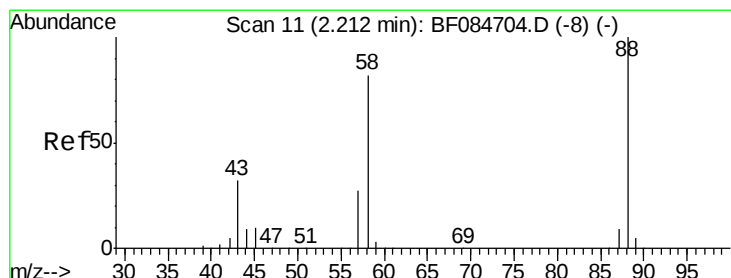
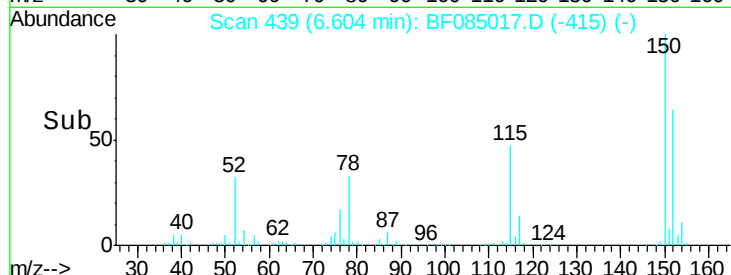
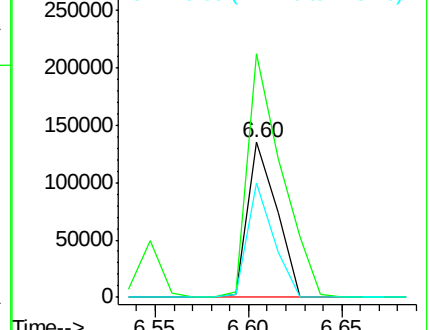
115 73.7 51.4 77.2



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: 32.08 ng

RT: 2.14 min Scan# 48

Delta R.T. 0.06 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

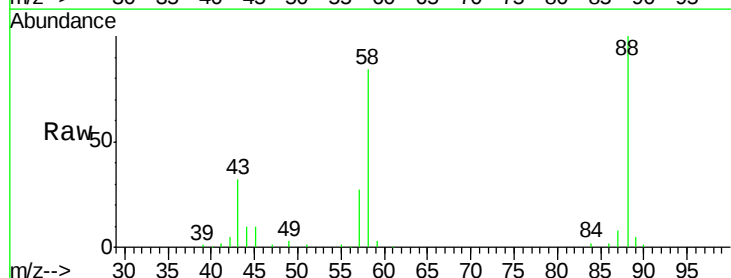
Tgt Ion: 88 Resp: 131364

Ion Ratio Lower Upper

88 100

58 84.2 51.2 76.8#

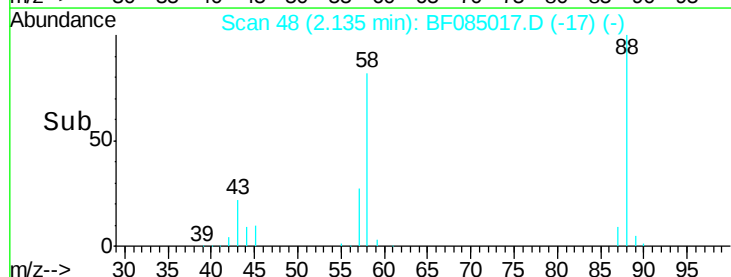
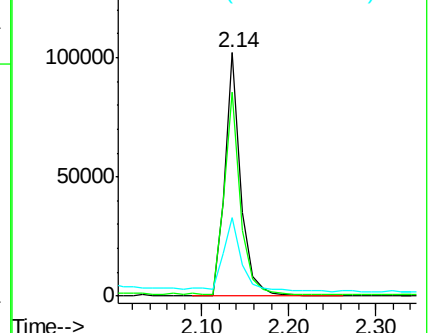
43 33.4 19.5 29.3#

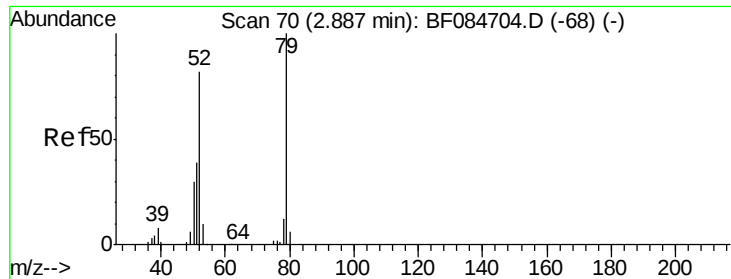


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.76 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF085017.D

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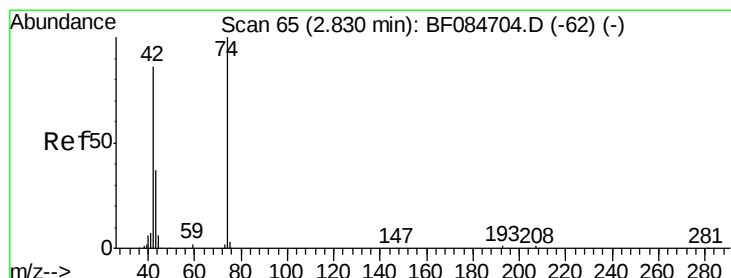
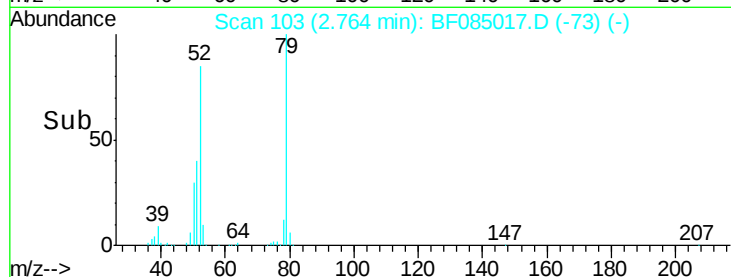
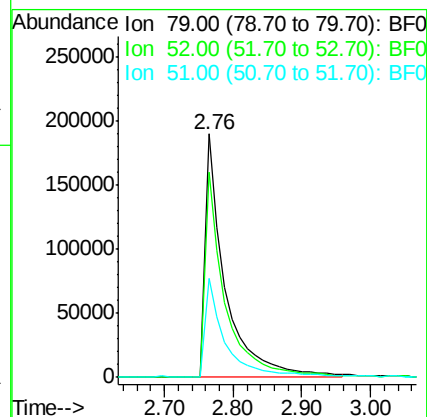
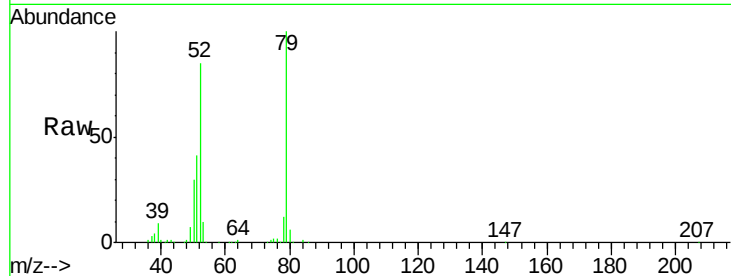
Tgt Ion: 79 Resp: 381525

Ion Ratio Lower Upper

79 100

52 84.5 49.0 73.4#

51 40.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 37.42 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

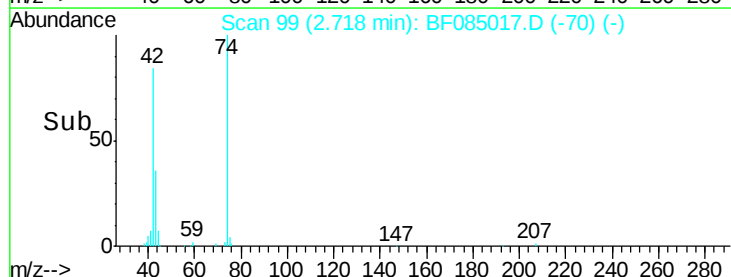
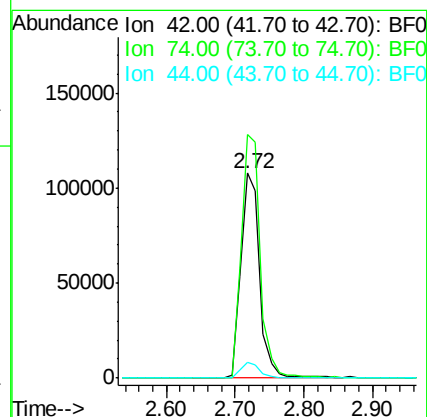
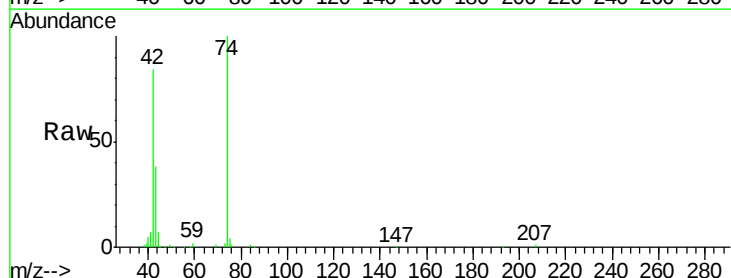
Tgt Ion: 42 Resp: 206498

Ion Ratio Lower Upper

42 100

74 118.7 115.7 173.5

44 8.0 5.1 7.7#





#5

2-Fluorophenol

Concen: 74.34 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

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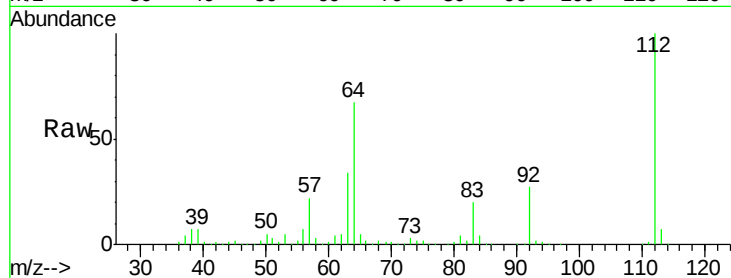
Tgt Ion: 112 Resp: 694886

Ion Ratio Lower Upper

112 100

64 66.6 36.6 55.0#

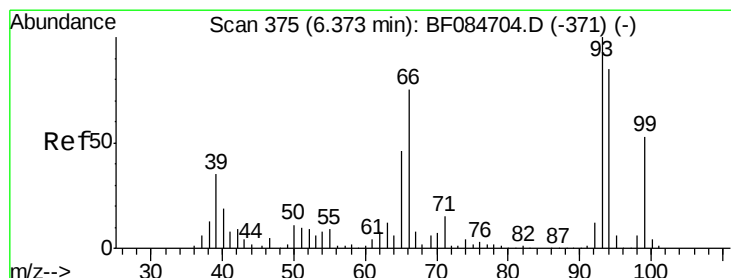
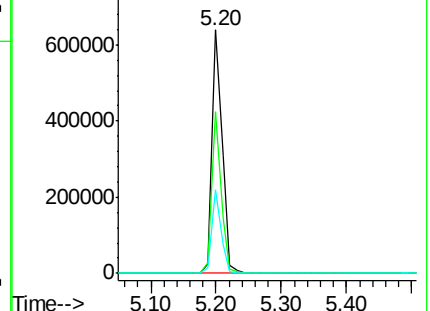
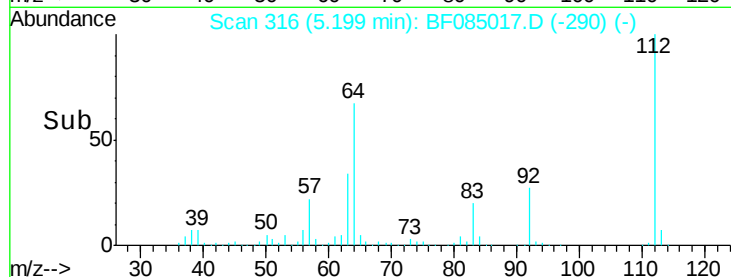
63 34.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.24 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

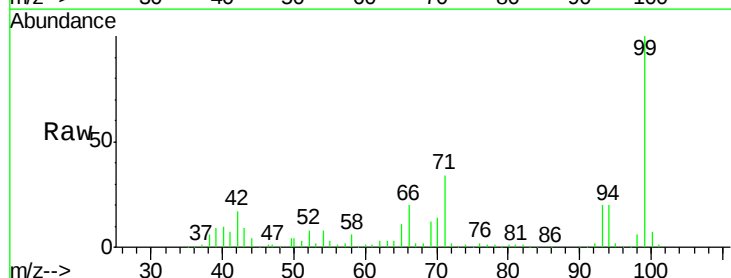
Tgt Ion: 93 Resp: 173525

Ion Ratio Lower Upper

93 100

66 100.7 44.9 67.3#

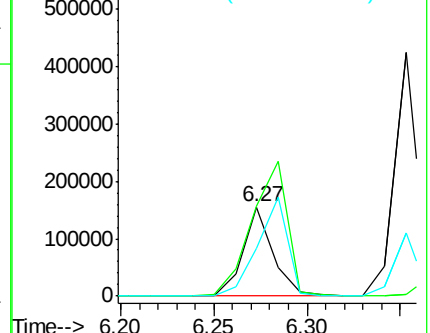
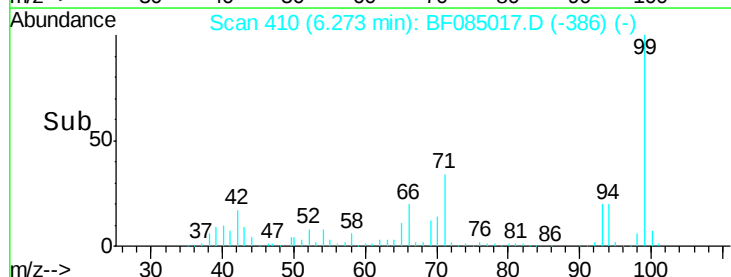
65 54.1 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.93 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

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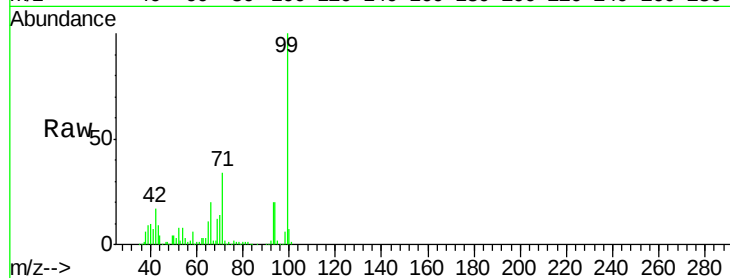
Tgt Ion: 99 Resp: 972646

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

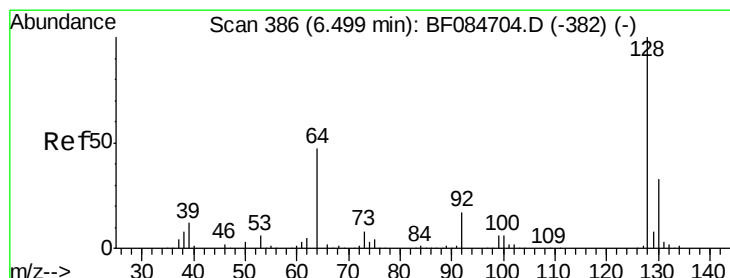
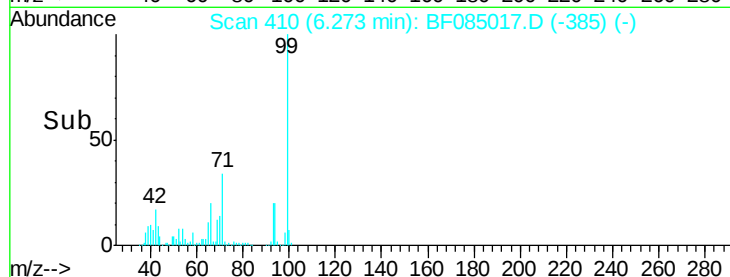
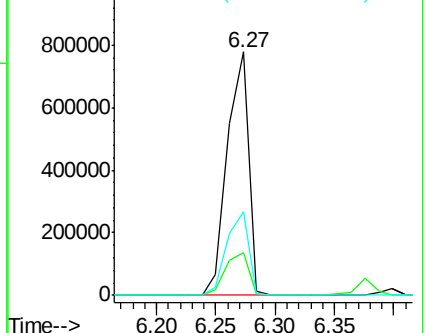
71 34.4 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.48 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

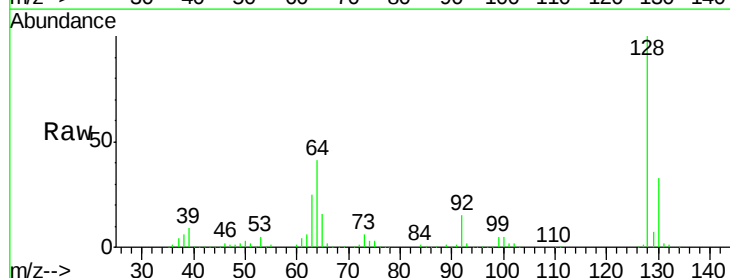
Tgt Ion: 128 Resp: 417788

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

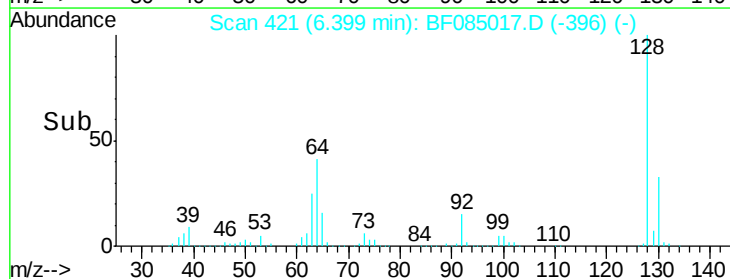
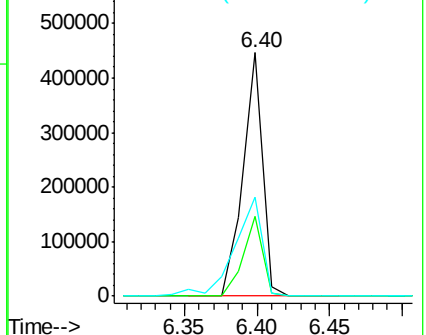
64 40.8 23.8 63.8

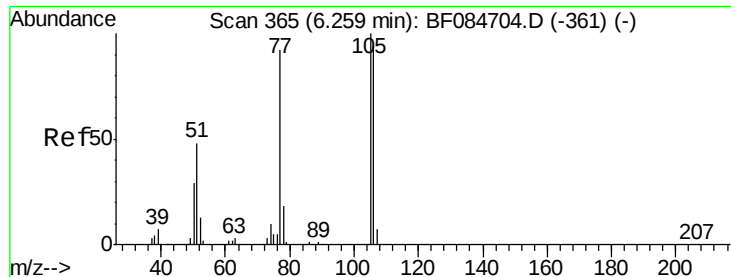


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.79 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

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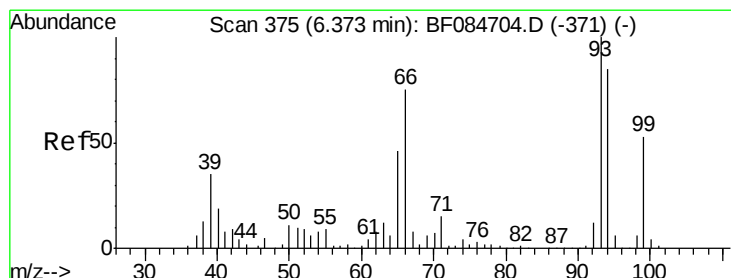
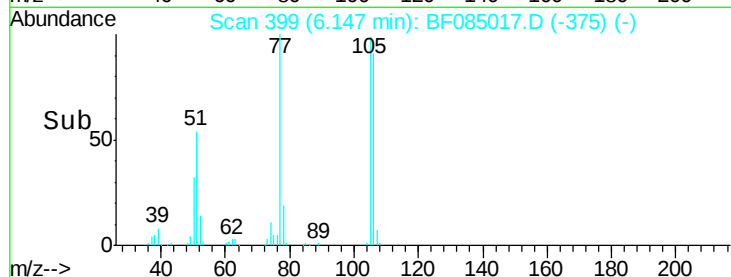
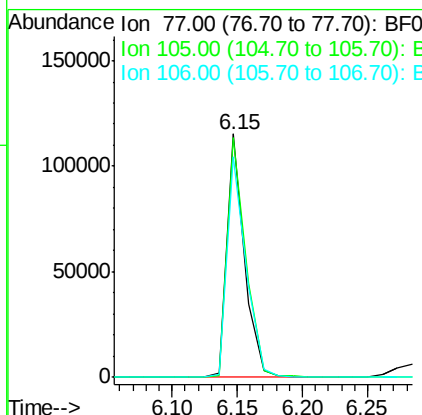
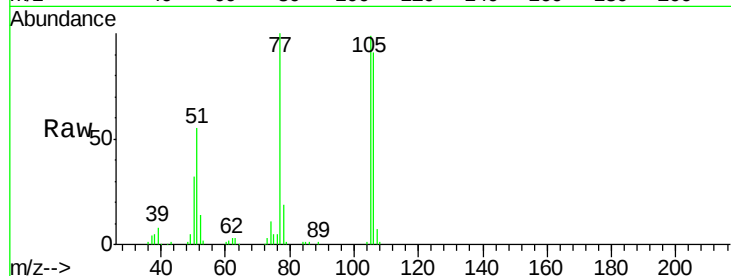
Tgt Ion: 77 Resp: 108059

Ion Ratio Lower Upper

77 100

105 98.5 83.0 123.0

106 90.8 74.6 114.6



#10

Phenol

Concen: 42.95 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

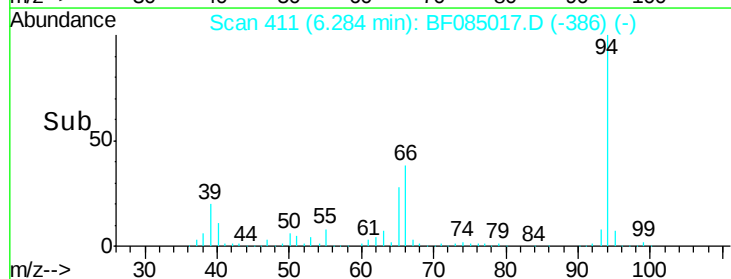
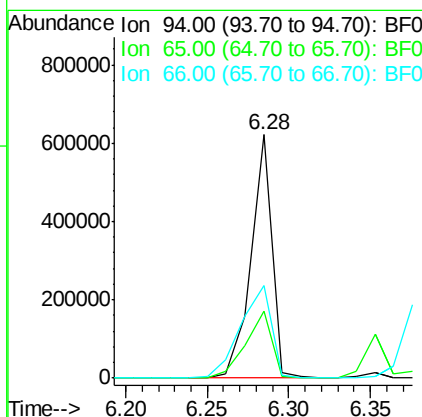
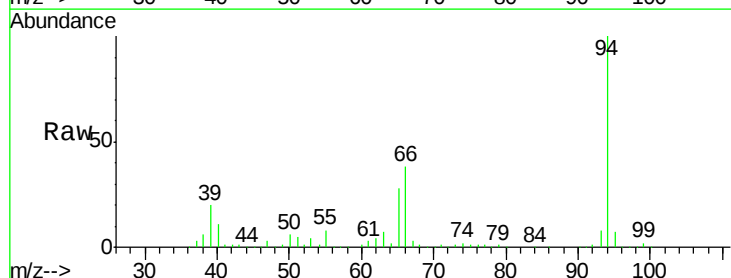
Tgt Ion: 94 Resp: 557554

Ion Ratio Lower Upper

94 100

65 27.7 12.9 52.9

66 37.8 32.7 72.7

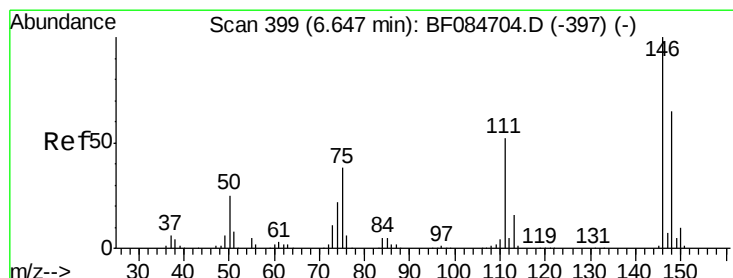
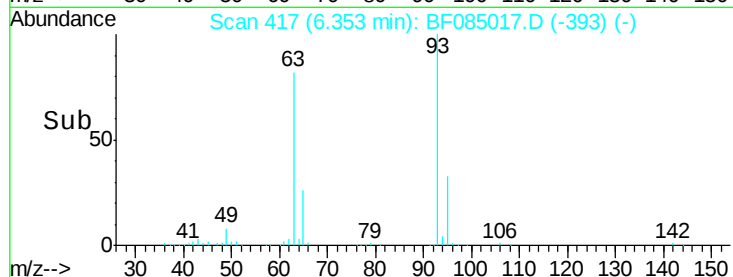
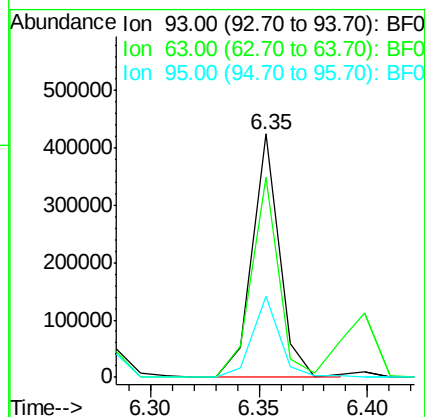
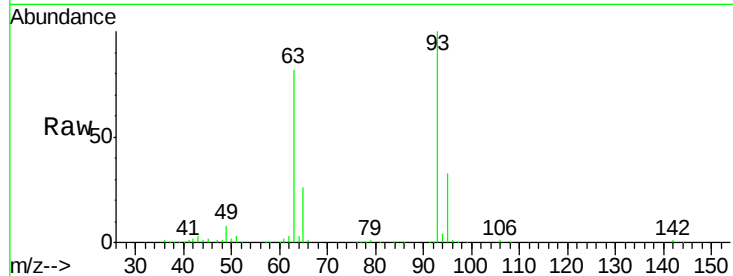




#11
bis(2-Chloroethyl)ether
Concen: 36.28 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

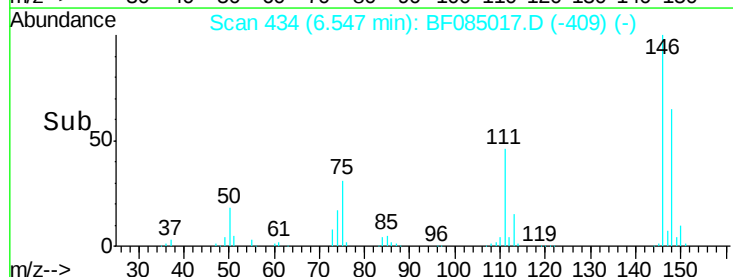
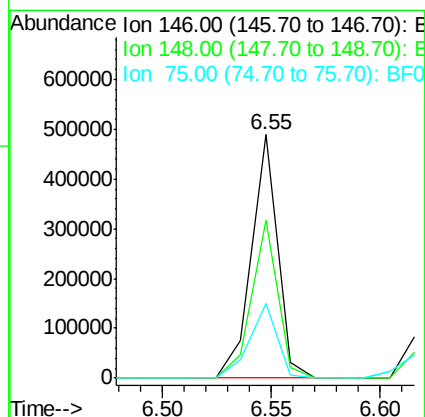
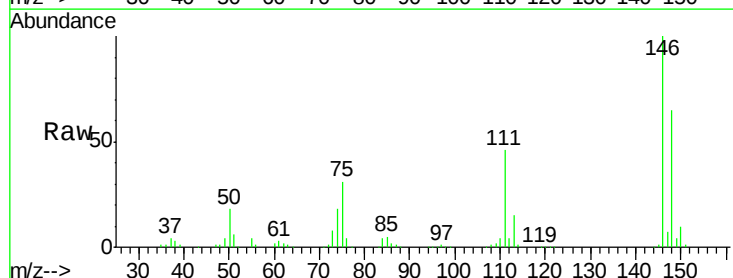
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

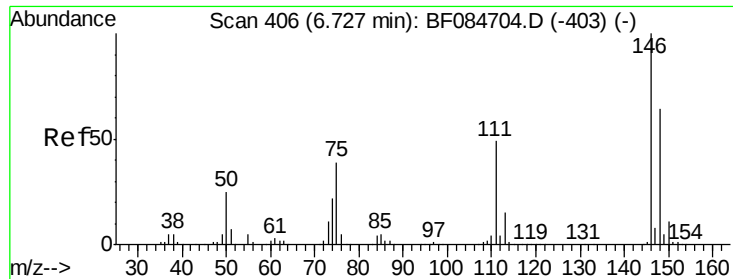
Tgt Ion: 93 Resp: 367308
Ion Ratio Lower Upper
93 100
63 82.4 45.9 85.9
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.58 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion: 146 Resp: 408975
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 30.7 20.5 30.7

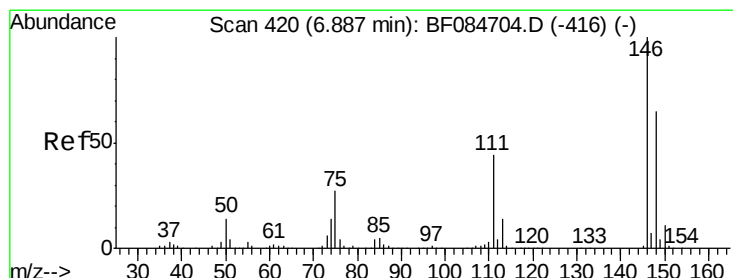
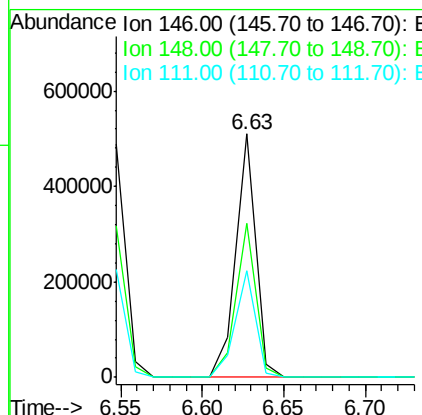
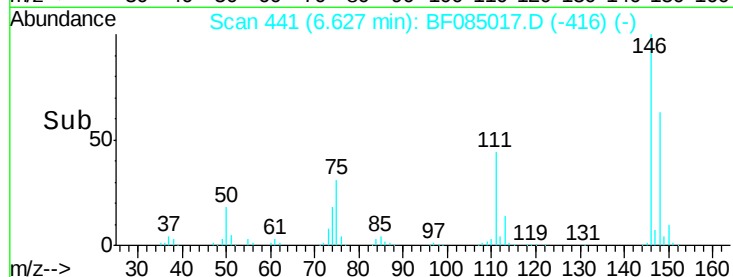
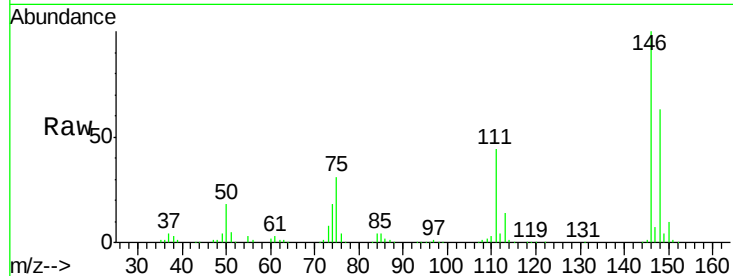




#13
 1,4-Dichlorobenzene
 Concen: 38.23 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

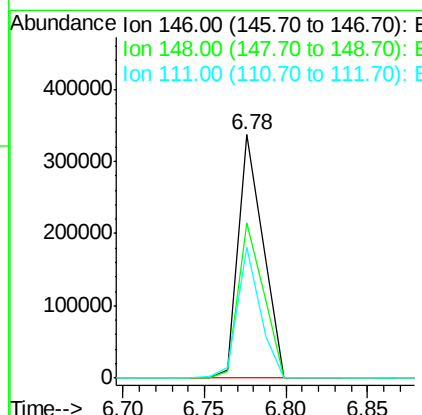
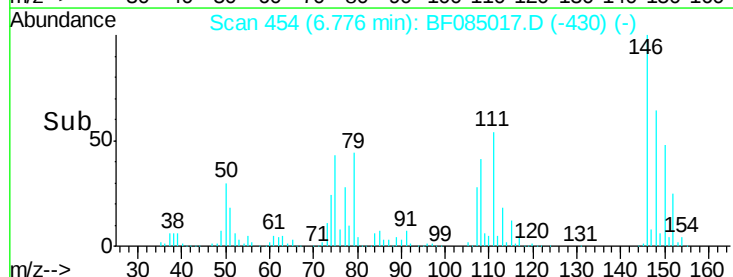
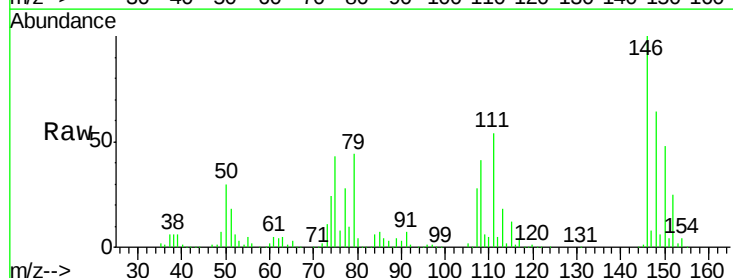
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

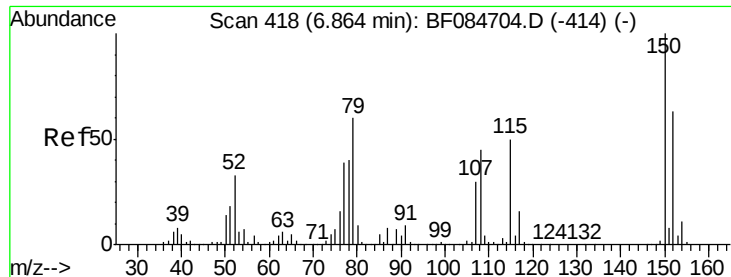
Tgt Ion:146 Resp: 427225
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 43.9 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 33.70 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:146 Resp: 350769
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 53.8 38.0 57.0

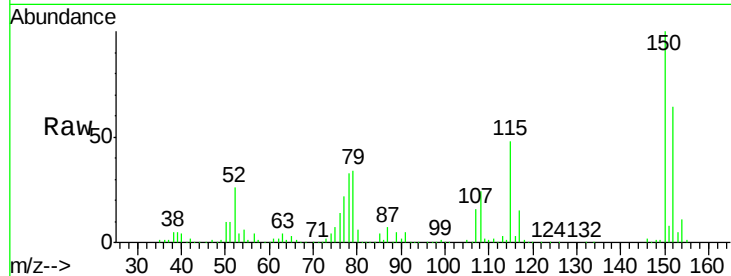




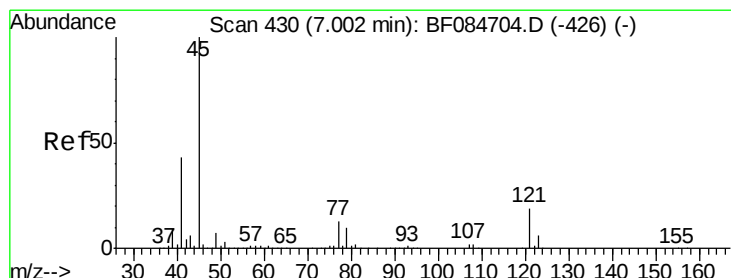
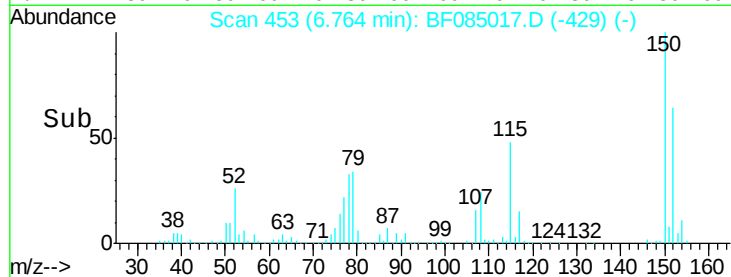
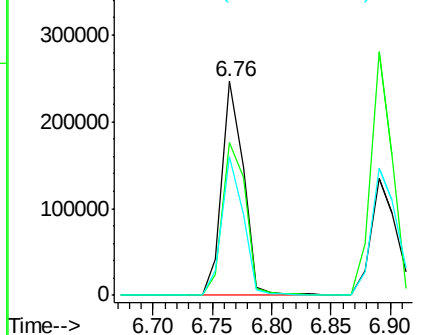
#15
Benzyl Alcohol
Concen: 39.22 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion: 79 Resp: 313840
Ion Ratio Lower Upper
79 100
108 71.4 69.0 103.4
77 65.0 50.0 75.0

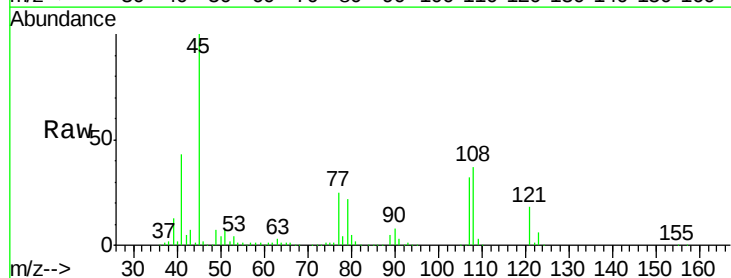


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

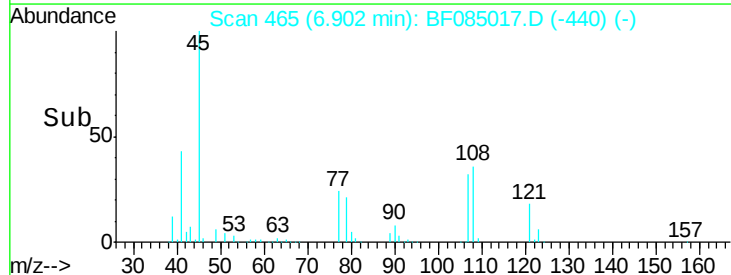
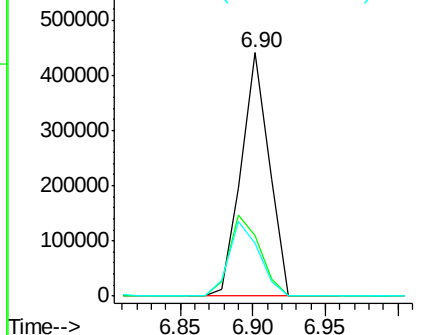


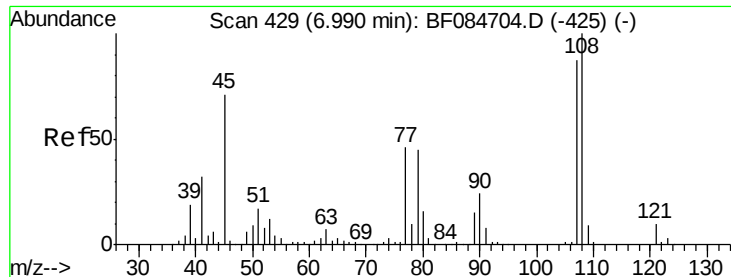
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.71 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion: 45 Resp: 591127
Ion Ratio Lower Upper
45 100
77 24.9 0.0 39.6
79 21.6 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

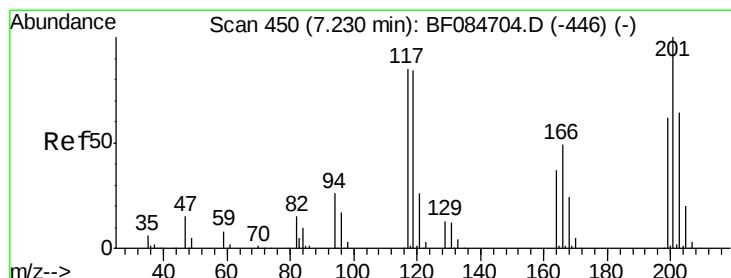
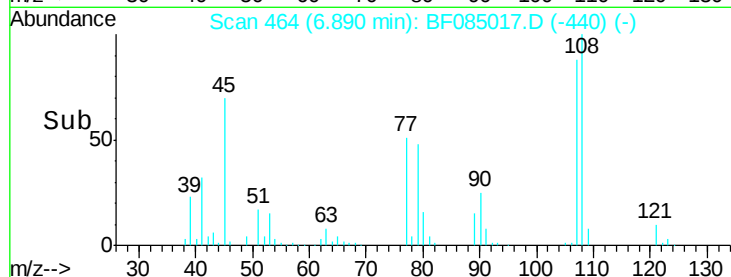
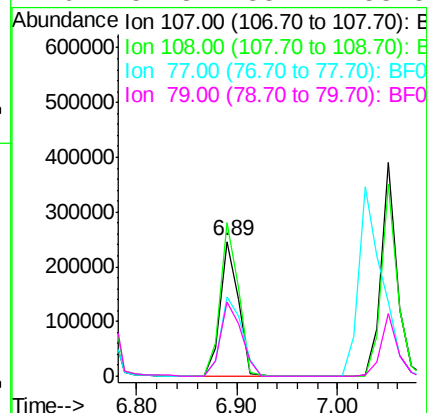
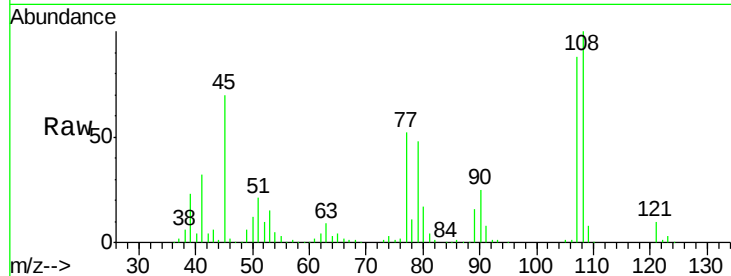




#17
2-Methylphenol
Concen: 36.89 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

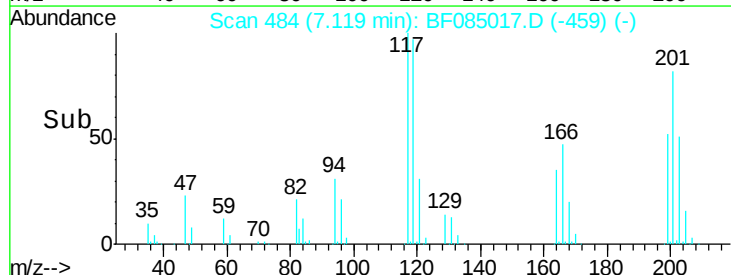
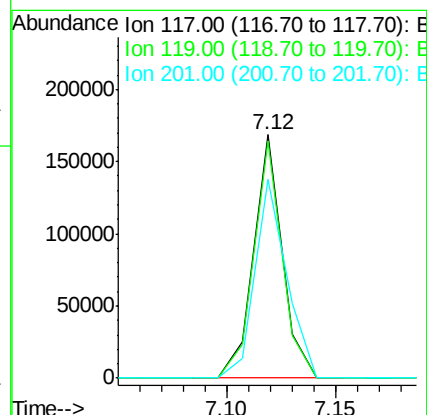
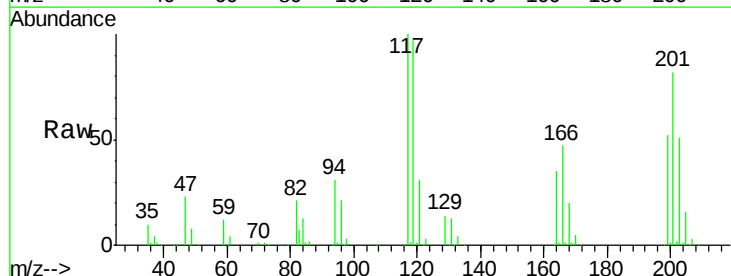
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:107 Resp: 308687
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 59.3 35.7 53.5#
79 54.8 35.7 53.5#



#18
Hexachloroethane
Concen: 35.67 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:117 Resp: 153506
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
201 81.6 68.6 103.0

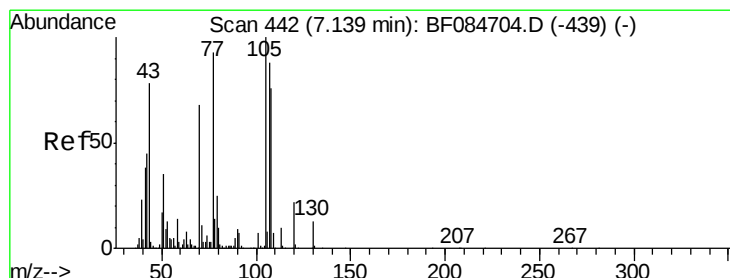
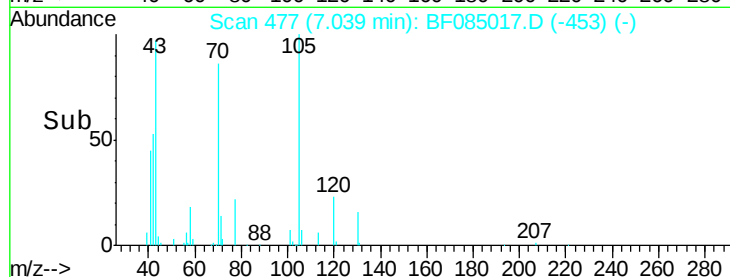
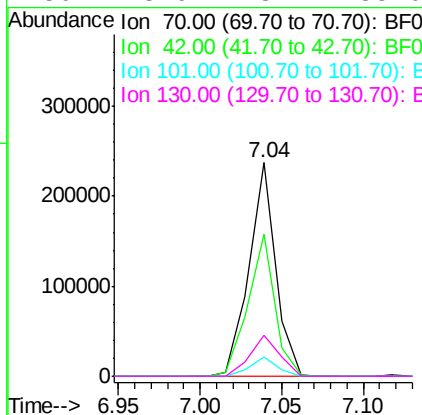
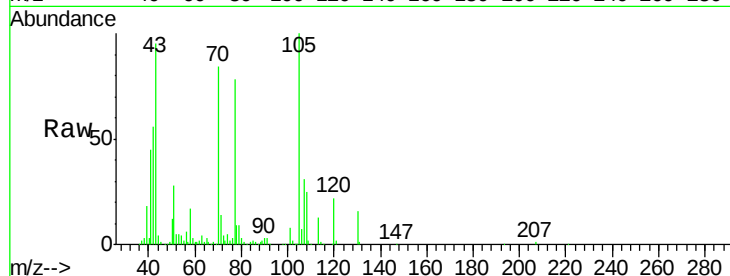




#19
n-Nitroso-di-n-propylamine
Concen: 37.02 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

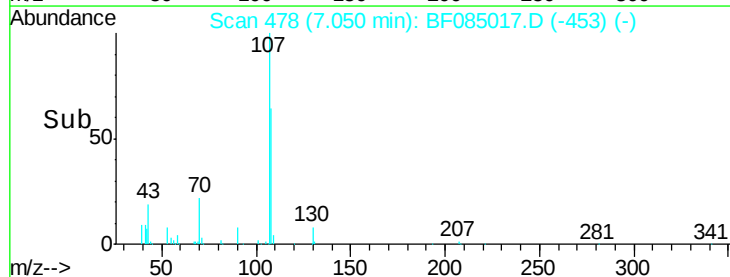
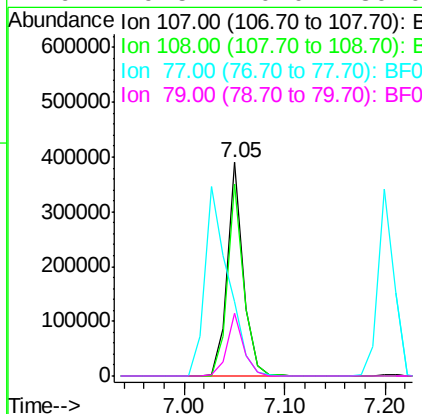
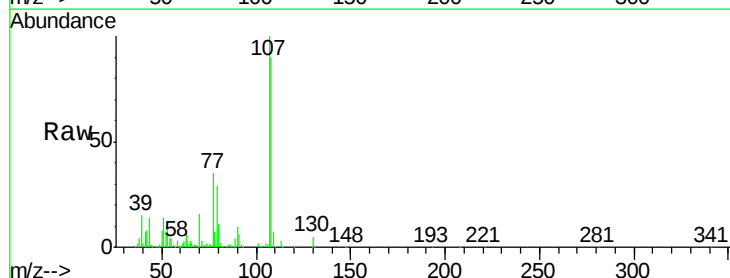
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:	70	Resp:	268955
Ion	Ratio	Lower	Upper
70	100		
42	66.4	33.3	49.9#
101	9.0	9.3	13.9#
130	18.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 41.49 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:	107	Resp:	430994
Ion	Ratio	Lower	Upper
107	100		
108	89.9	74.6	114.6
77	34.7	0.7	40.7
79	29.5	0.0	39.0

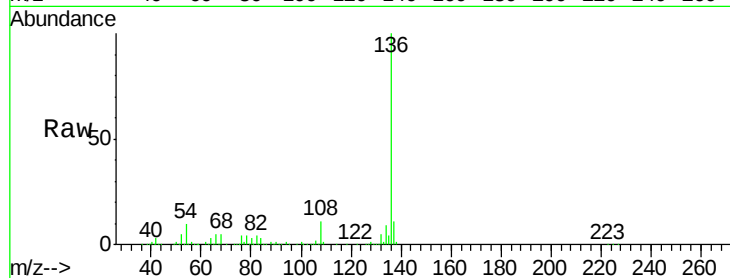




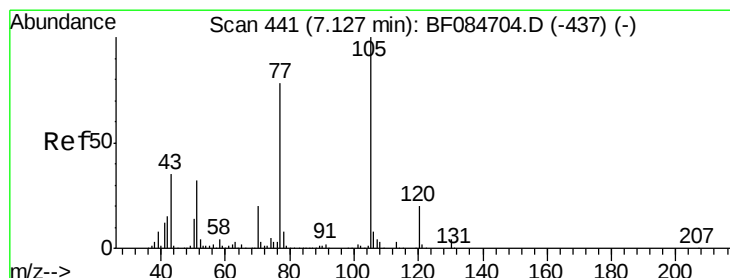
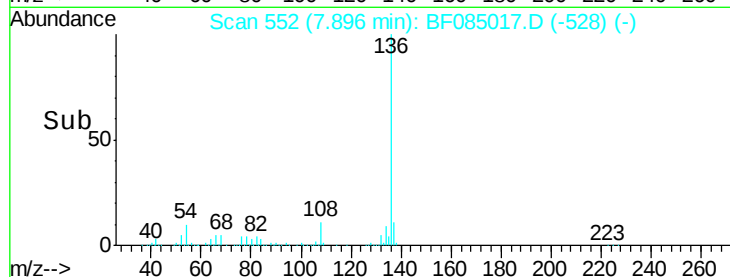
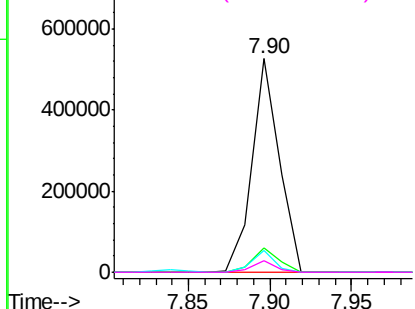
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:	136	Resp:	608925
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	10.2	5.8	8.8#
68	5.5	4.2	6.2

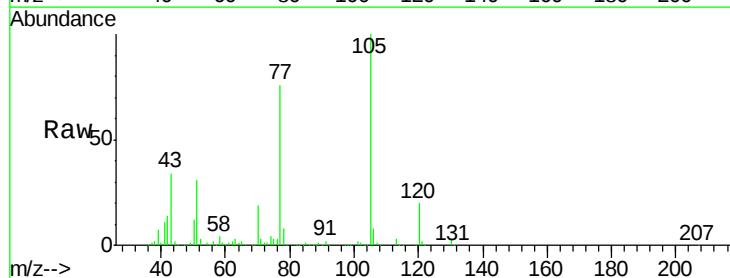


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

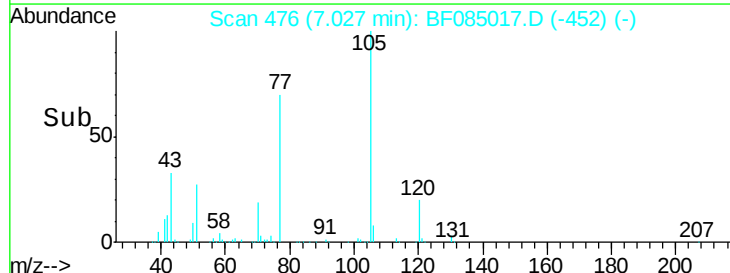
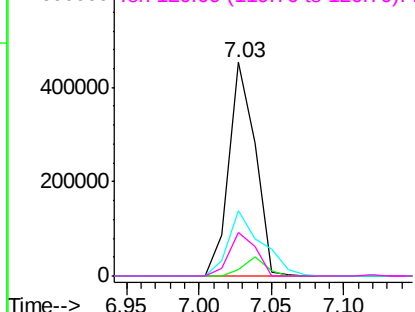


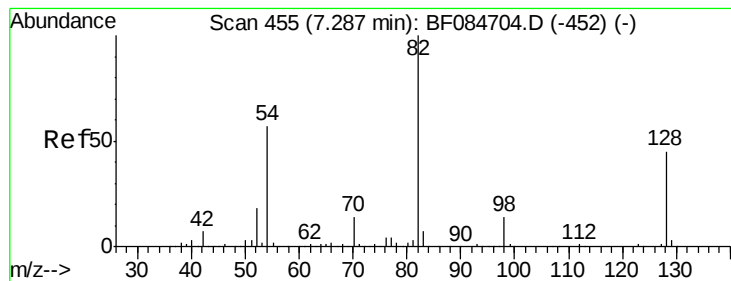
#22
Acetophenone
Concen: 35.58 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:	105	Resp:	570942
Ion Ratio	Lower	Upper	
105	100		
71	3.1	3.7	5.5#
51	30.7	25.1	37.7
120	20.1	16.6	25.0



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





#23

Nitrobenzene-d5

Concen: 80.35 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

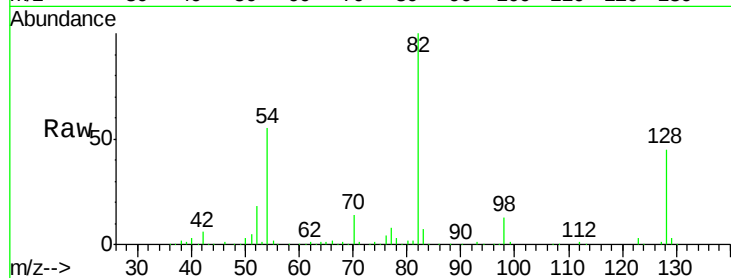
Tgt Ion: 82 Resp: 868498

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

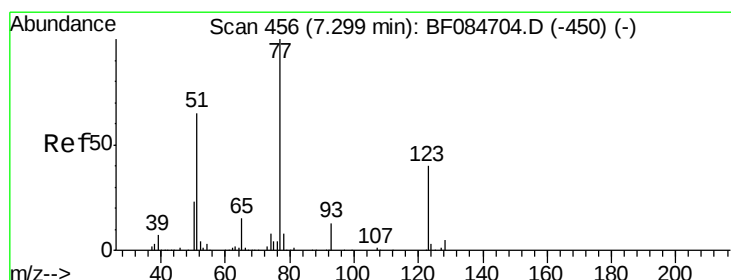
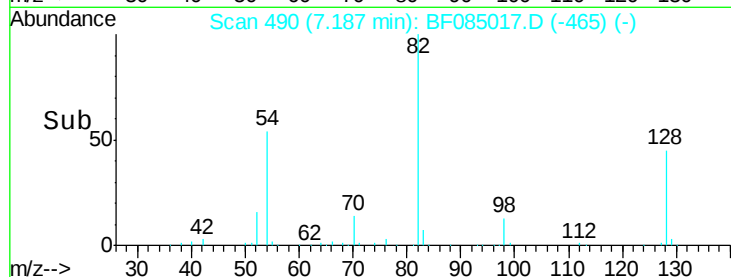
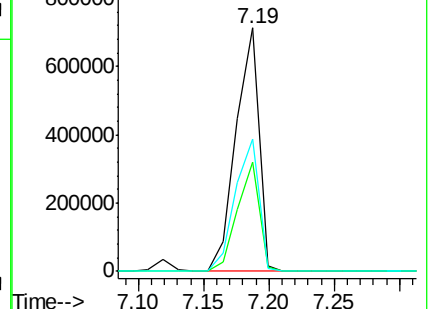
54 54.5 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.85 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

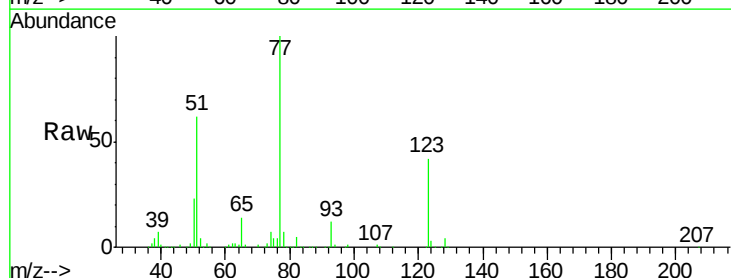
Tgt Ion: 77 Resp: 380241

Ion Ratio Lower Upper

77 100

123 41.6 37.4 56.2

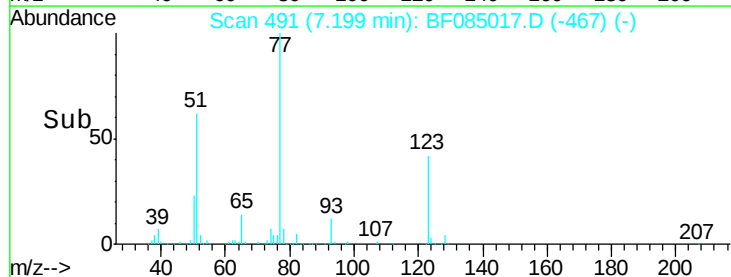
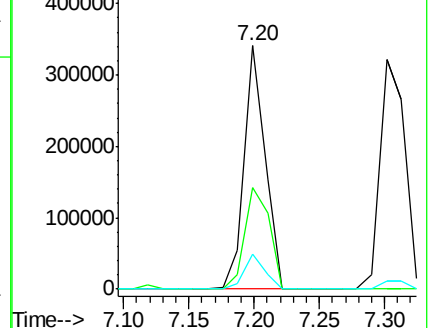
65 14.4 10.9 16.3

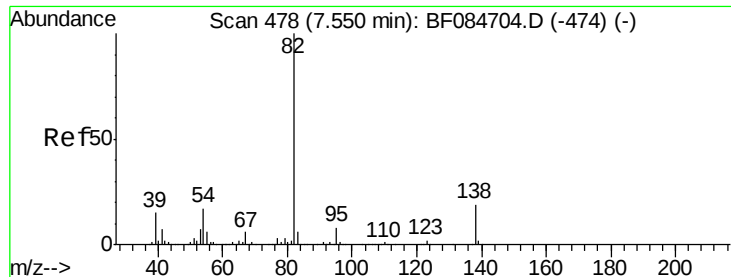


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.10 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

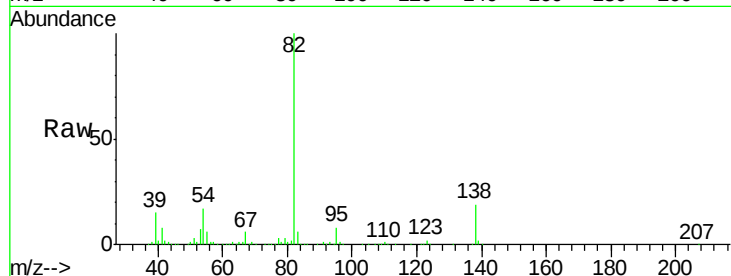
Tgt Ion: 82 Resp: 779880

Ion Ratio Lower Upper

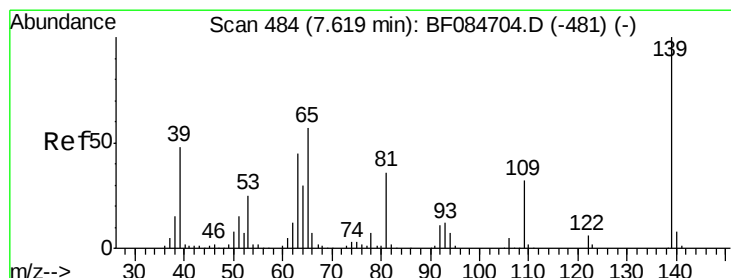
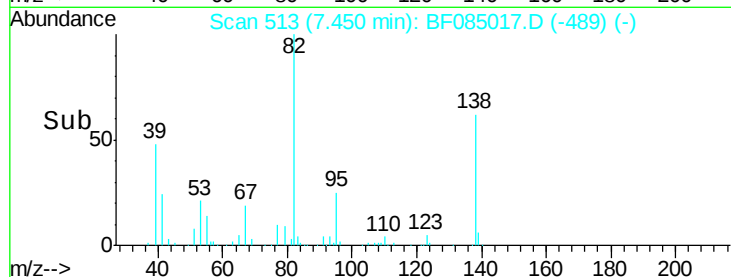
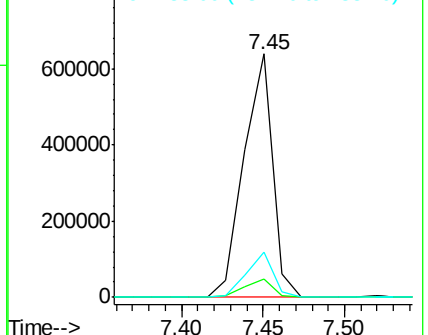
82 100

95 7.6 6.6 10.0

138 18.6 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: 36.00 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

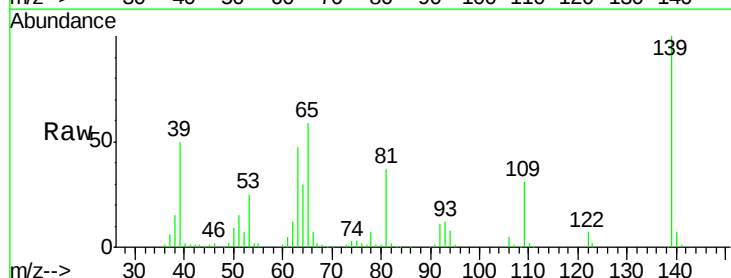
Tgt Ion: 139 Resp: 205514

Ion Ratio Lower Upper

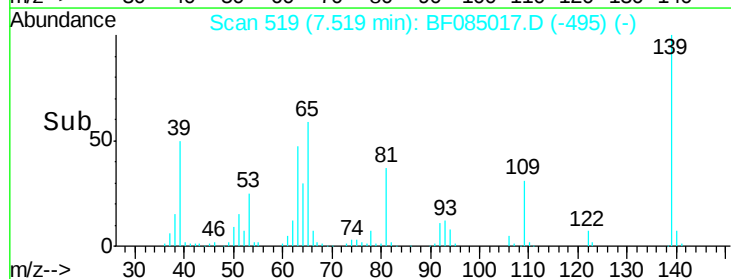
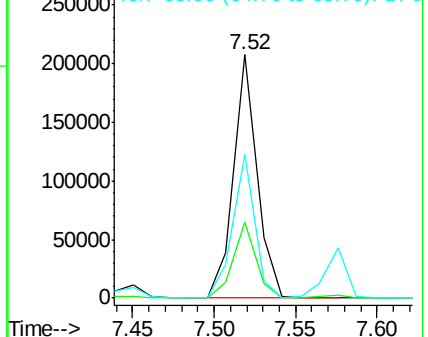
139 100

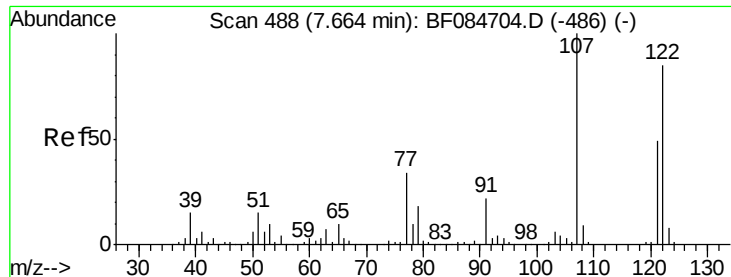
109 31.3 25.4 38.2

65 59.2 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

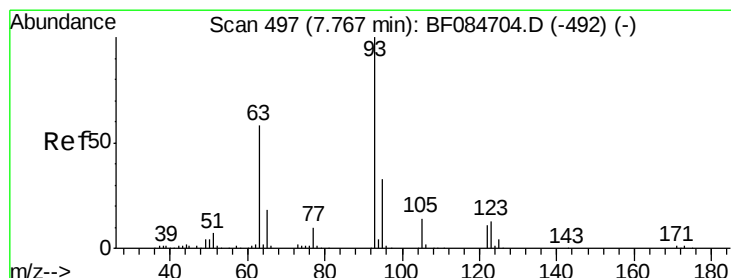
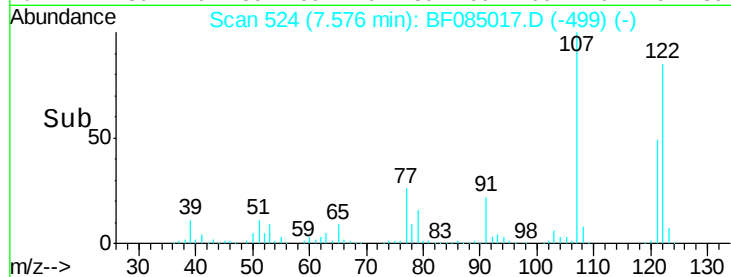
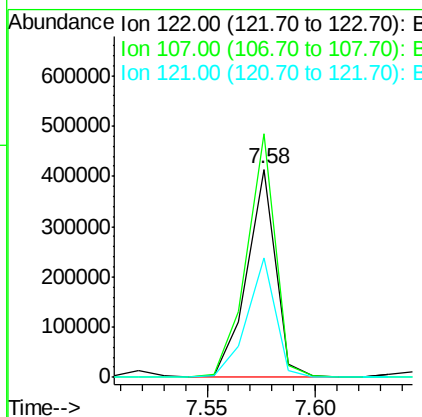
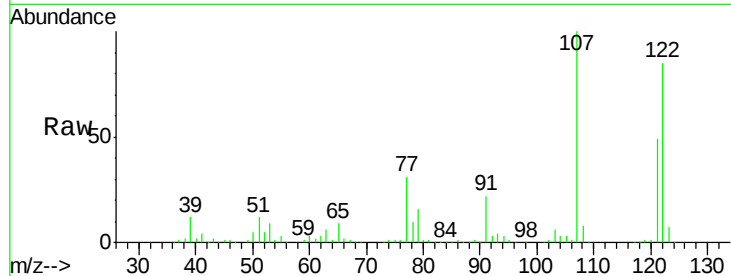




#27
 2,4-Dimethylphenol
 Concen: 38.43 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

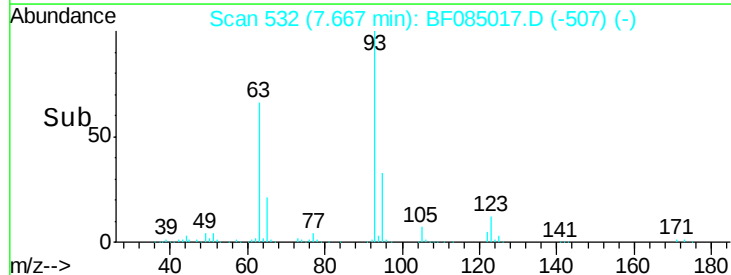
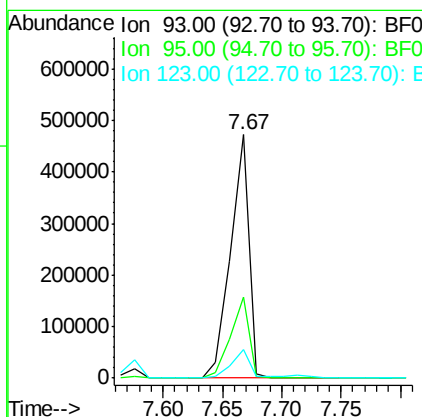
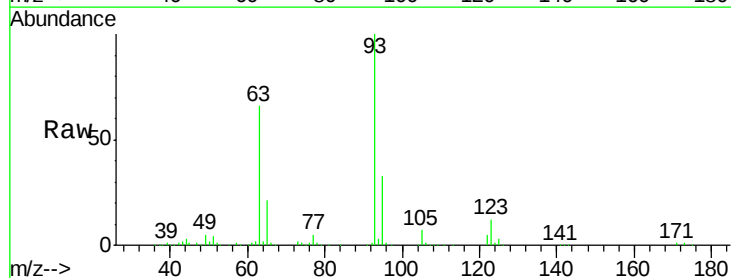
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

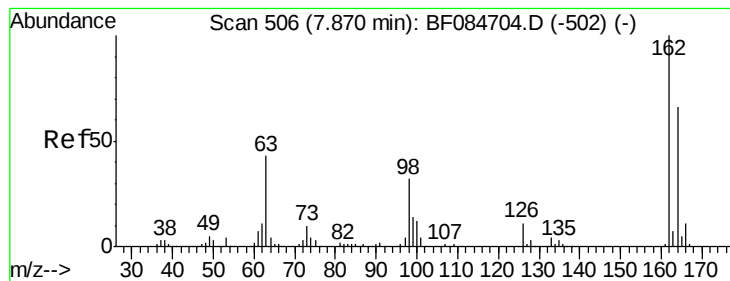
Tgt Ion:122 Resp: 381622
 Ion Ratio Lower Upper
 122 100
 107 117.0 99.1 148.7
 121 57.6 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.69 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion: 93 Resp: 507347
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.6
 123 11.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.44 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

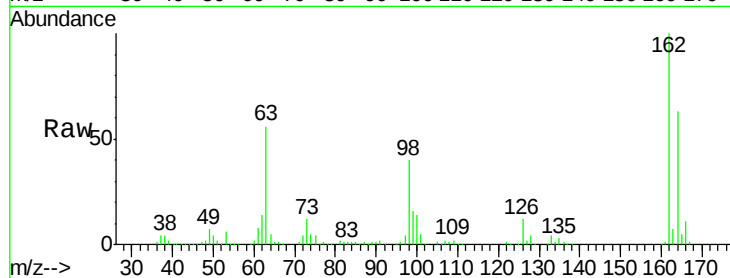
Tgt Ion:162 Resp: 352088

Ion Ratio Lower Upper

162 100

164 62.7 44.1 84.1

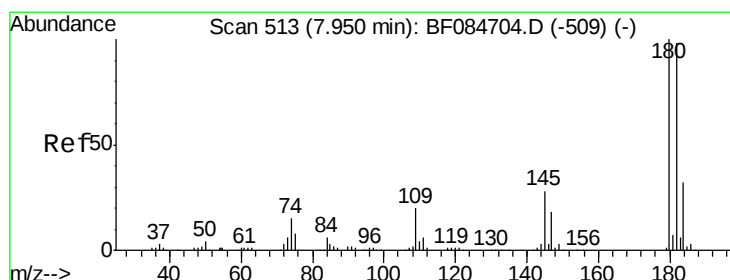
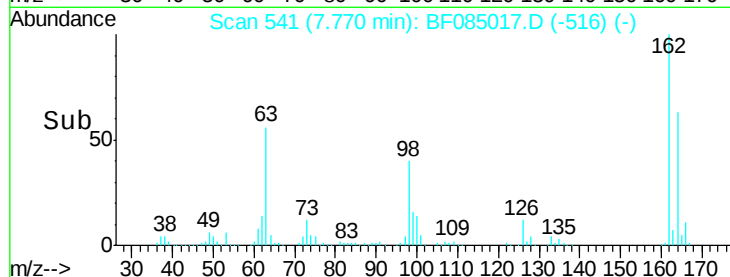
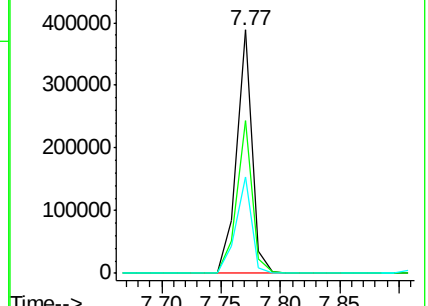
98 39.8 20.2 60.2



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: 36.39 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

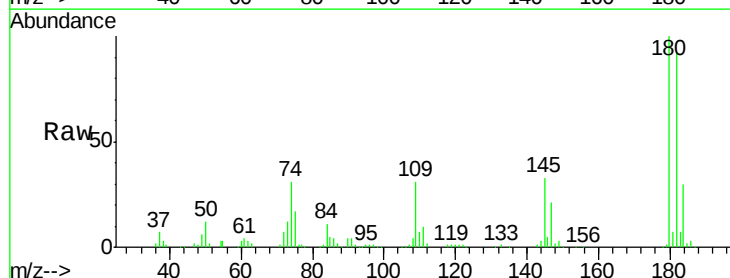
Tgt Ion:180 Resp: 349184

Ion Ratio Lower Upper

180 100

182 92.4 76.4 114.6

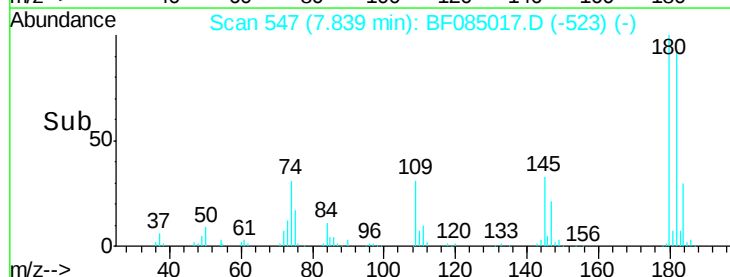
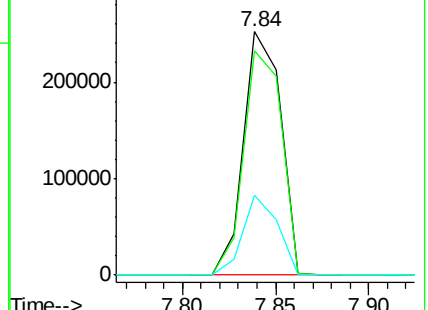
145 32.9 31.6 47.4



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: 35.52 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

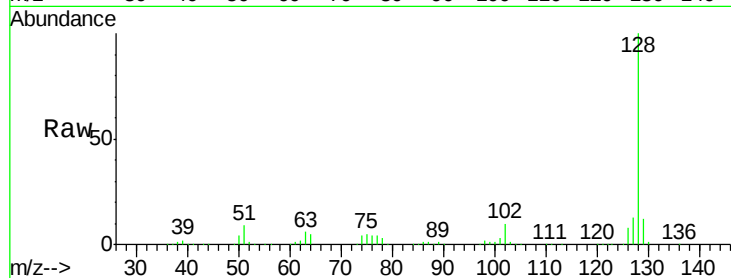
Tgt Ion:128 Resp: 1084912

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

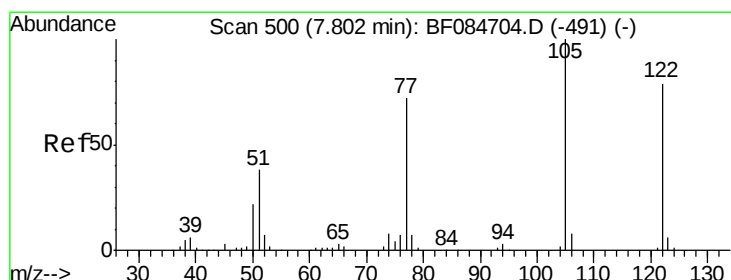
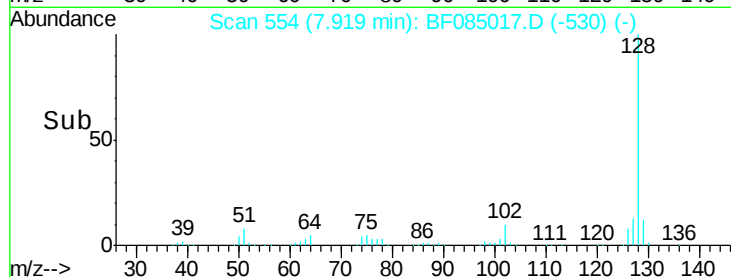
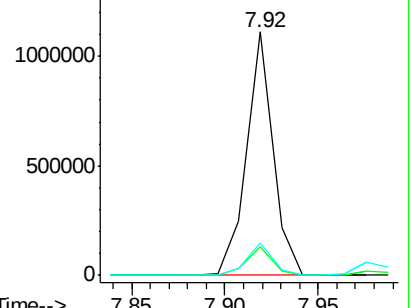
127 13.3 11.1 16.7



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: 35.42 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

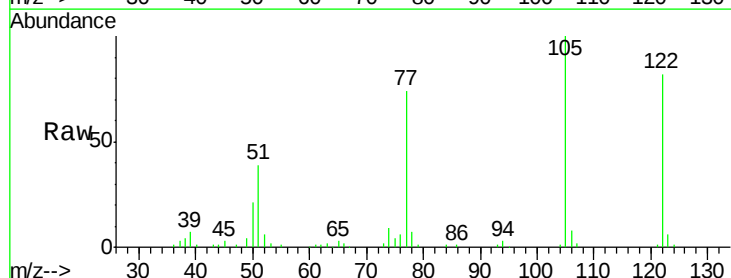
Tgt Ion:122 Resp: 224950

Ion Ratio Lower Upper

122 100

105 122.3 100.3 140.3

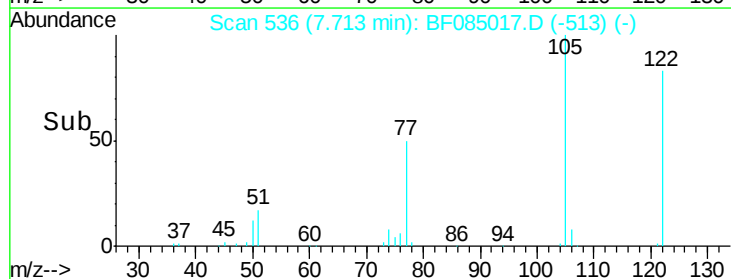
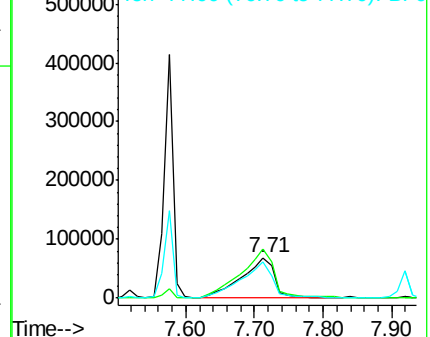
77 90.6 63.5 103.5

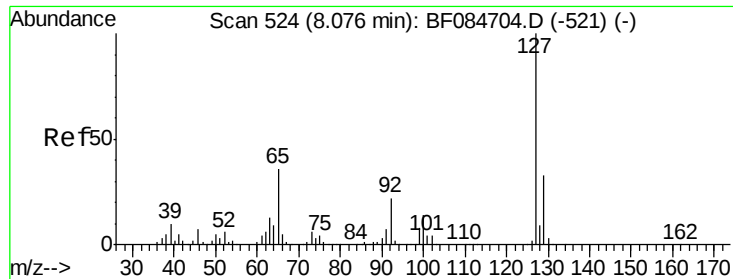


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

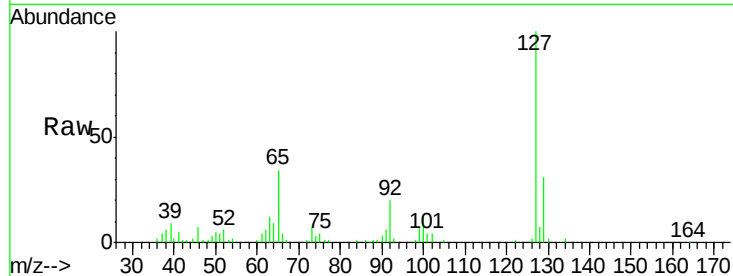




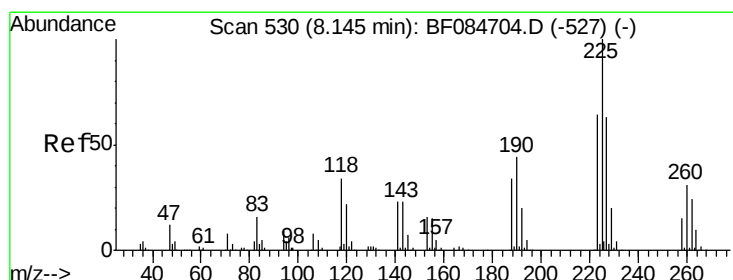
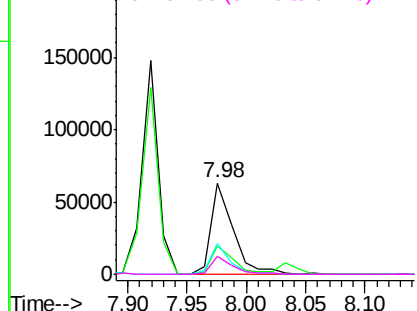
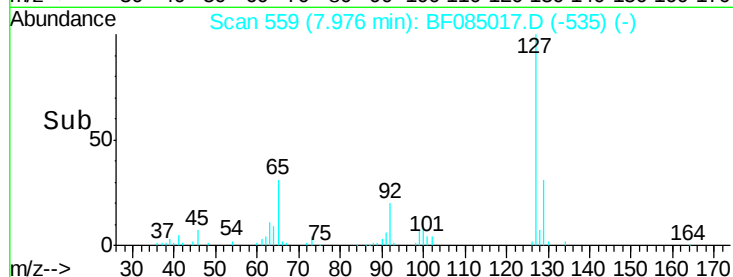
#33
 4-Chloroaniline
 Concen: 6.50 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion:	127	Resp:	82087
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	34.0	27.2	40.8
92	19.9	17.7	26.5

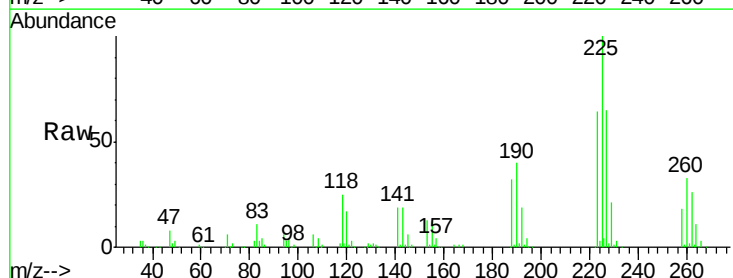


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

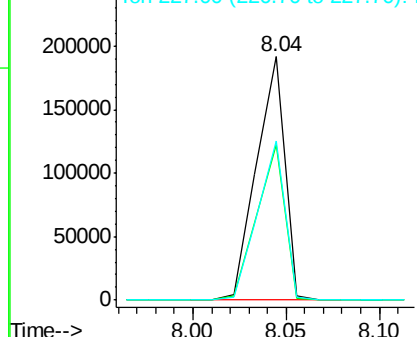
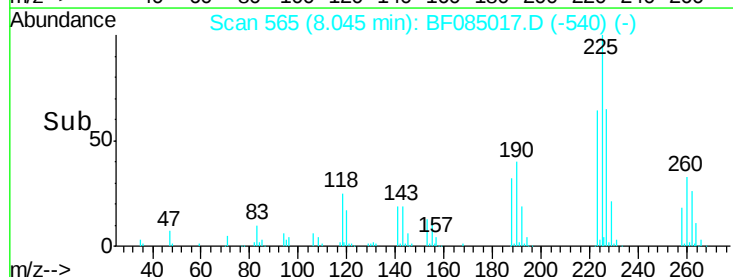


#34
 Hexachlorobutadiene
 Concen: 36.98 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:	225	Resp:	204623
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	65.4	50.8	76.2



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

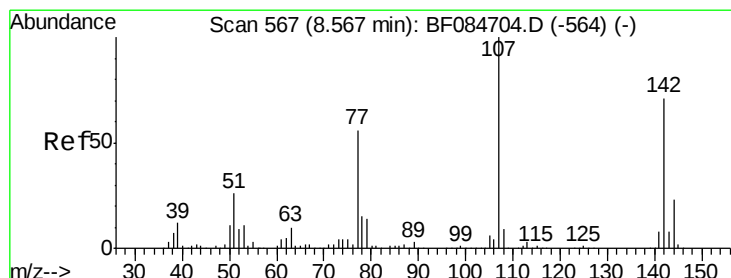
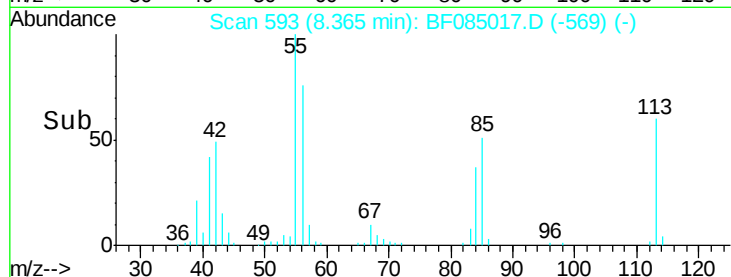
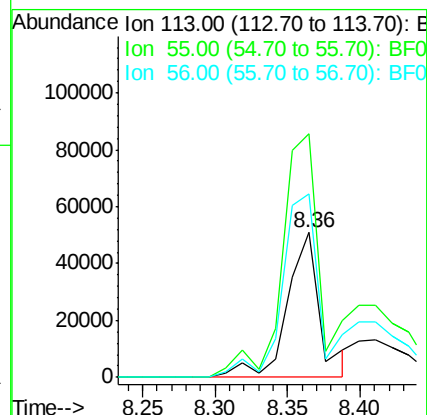
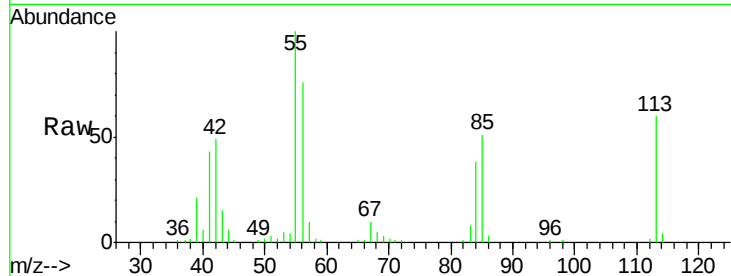




#35
 Caprolactam
 Concen: 30.22 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

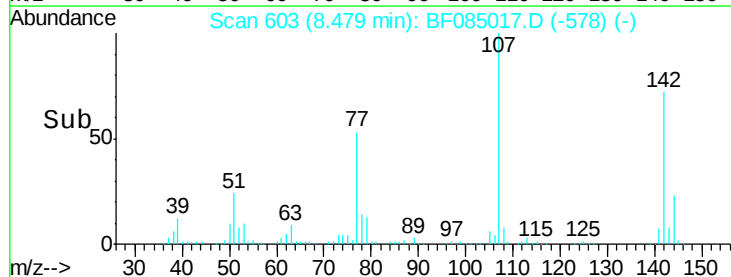
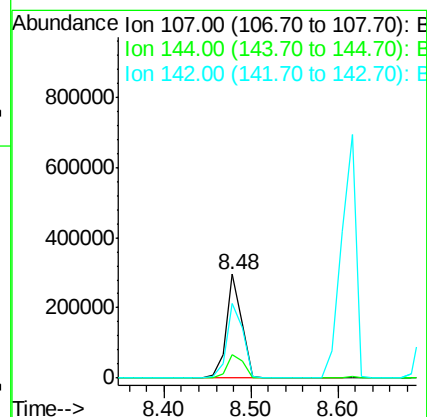
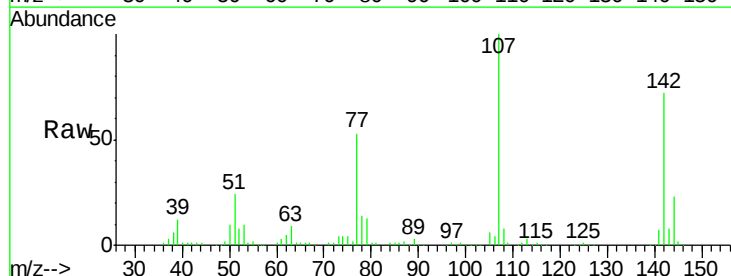
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

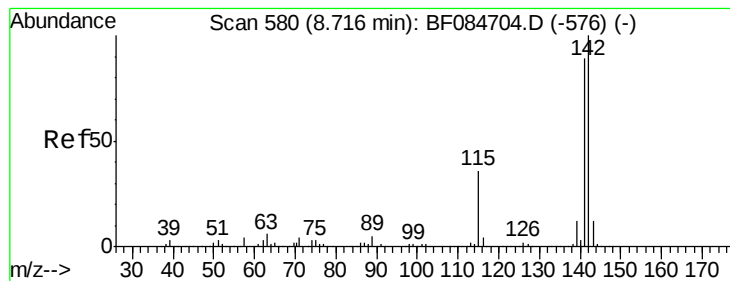
Tgt Ion:113 Resp: 79137
 Ion Ratio Lower Upper
 113 100
 55 167.9 116.9 156.9#
 56 126.8 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.65 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:107 Resp: 364909
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.7 29.5
 142 72.0 61.8 92.6





#37

2-Methylnaphthalene

Concen: 42.92 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

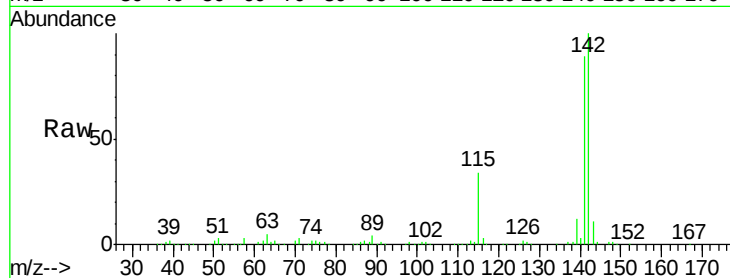
Tgt Ion:142 Resp: 820452

Ion Ratio Lower Upper

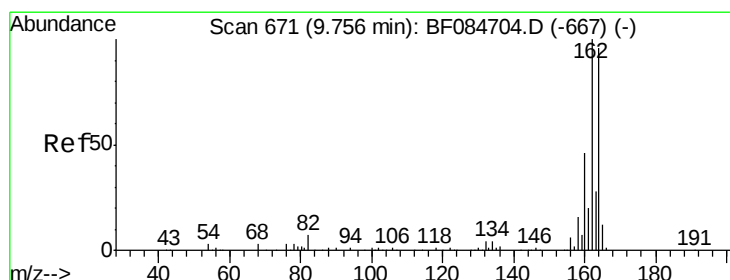
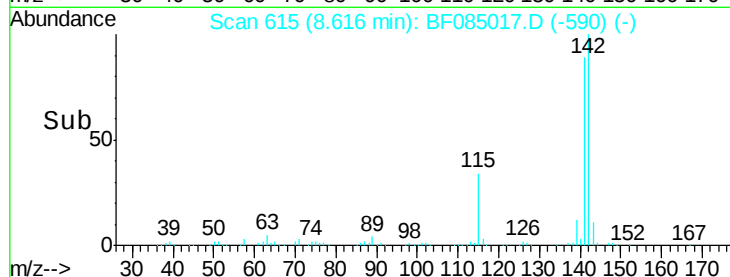
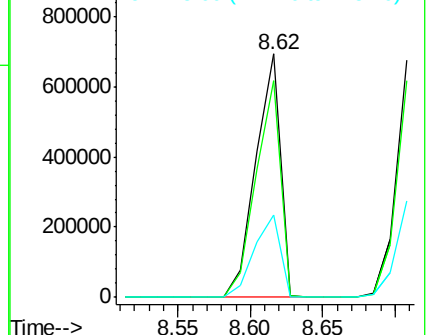
142 100

141 88.8 72.4 108.6

115 33.6 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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

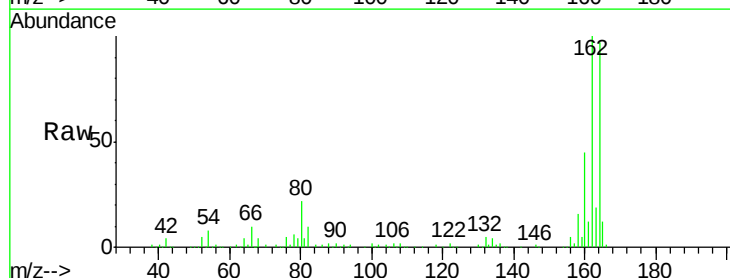
Tgt Ion:164 Resp: 293995

Ion Ratio Lower Upper

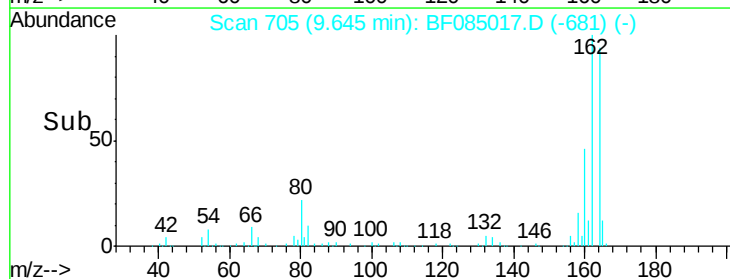
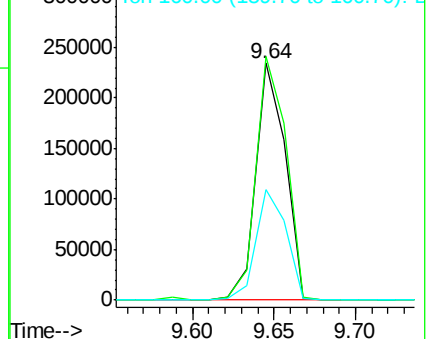
164 100

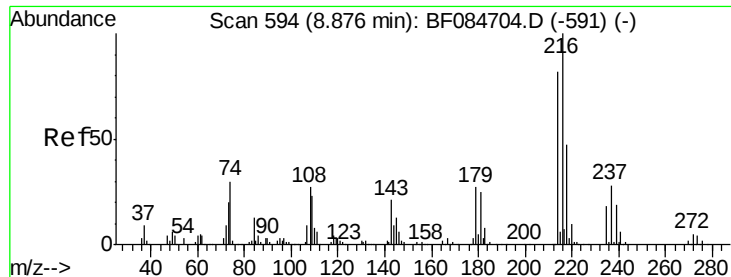
162 102.8 85.1 127.7

160 46.7 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: 32.99 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

Tgt Ion:216 Resp: 307998

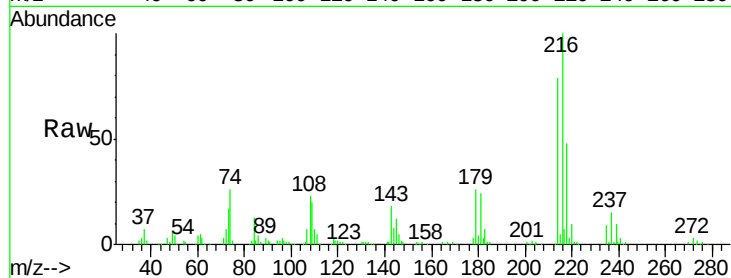
Ion Ratio Lower Upper

216 100

214 78.0 64.2 96.2

179 22.9 18.7 28.1

108 22.4 16.8 25.2

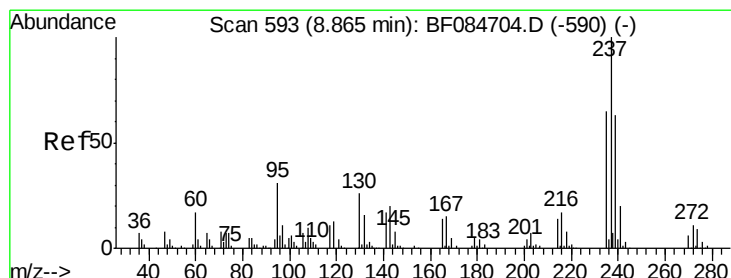
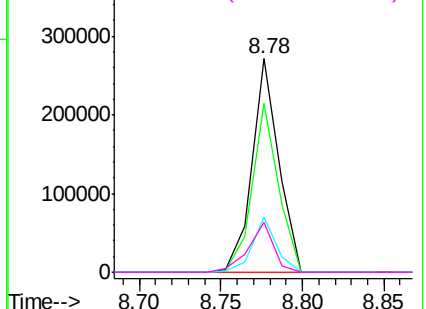
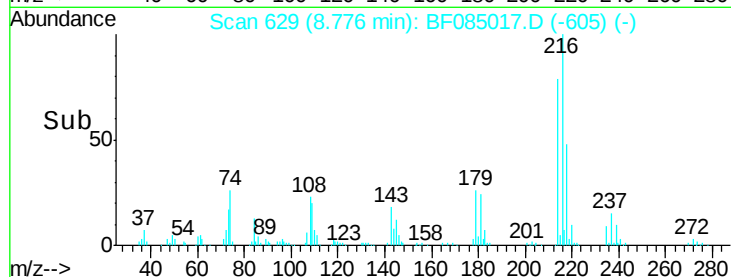


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.90 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

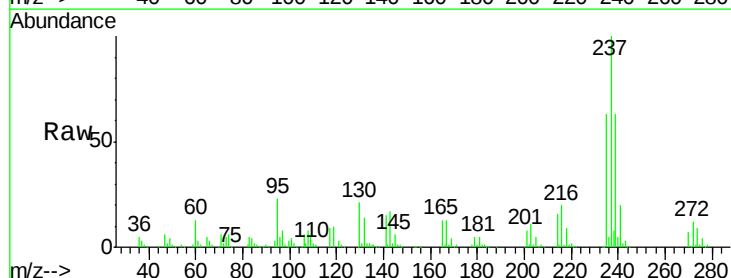
Tgt Ion:237 Resp: 273160

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

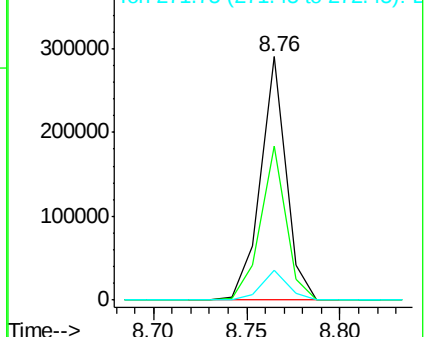
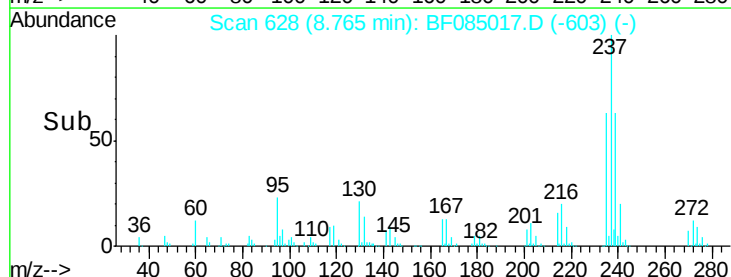
272 12.0 0.0 35.1

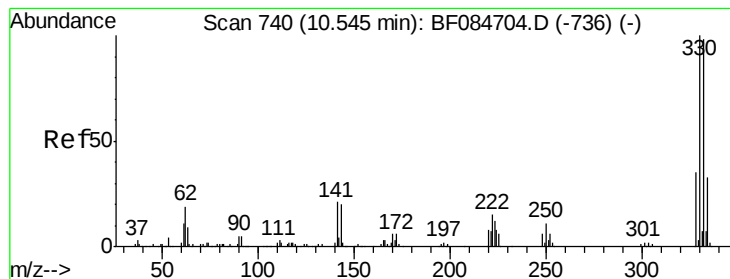


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

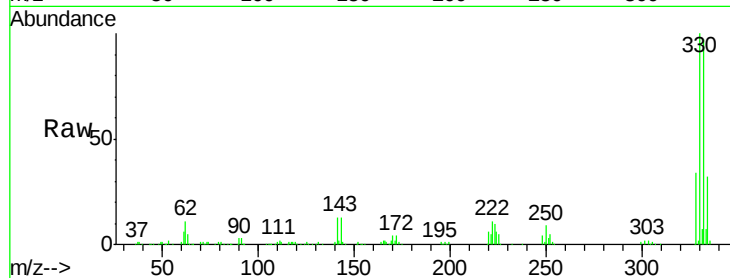




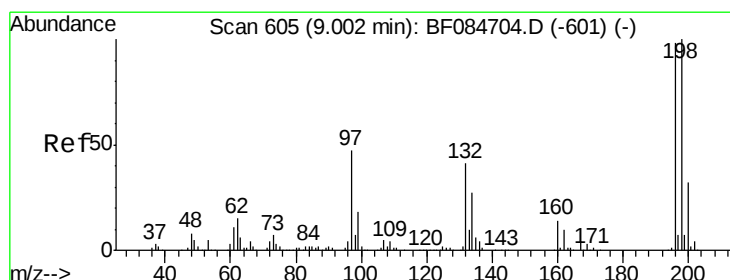
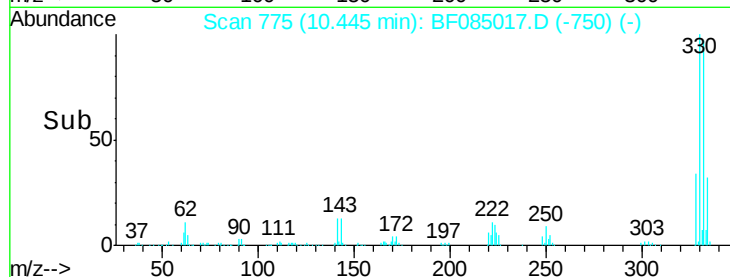
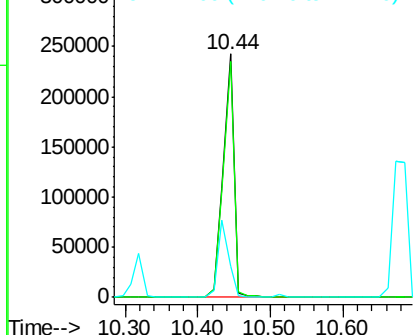
#41
 2,4,6-Tribromophenol
 Concen: 83.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion:330 Resp: 256295
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 31.8 27.8 41.6

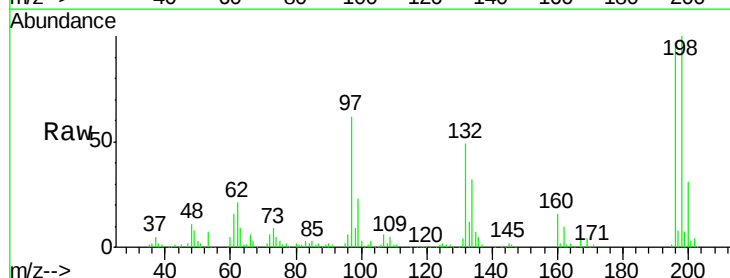


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

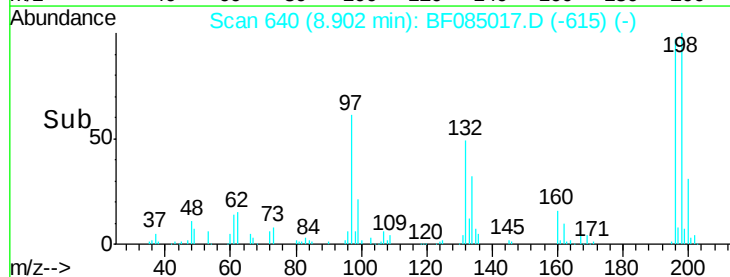
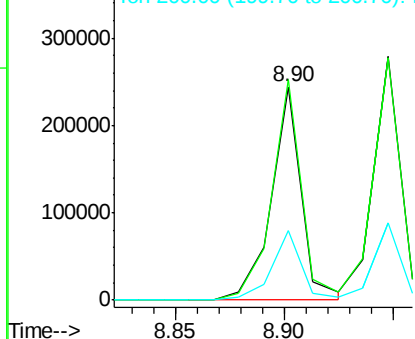


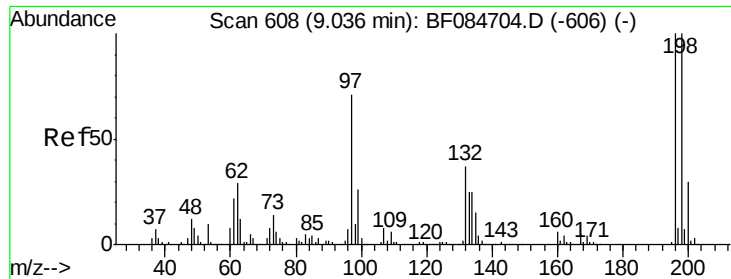
#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:196 Resp: 236710
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.7 116.5
 200 32.4 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

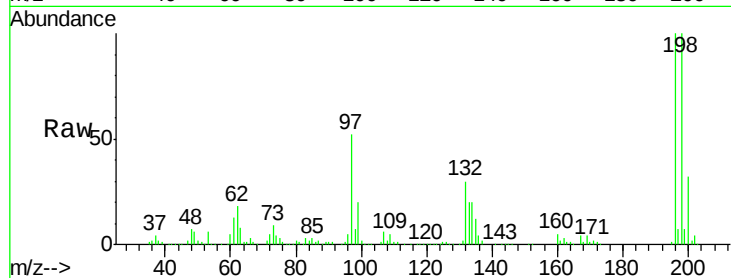




#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.0	118.6
97	52.1	33.0	49.6
132	29.8	21.1	31.7



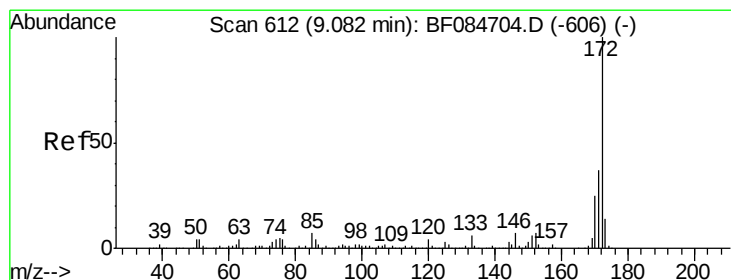
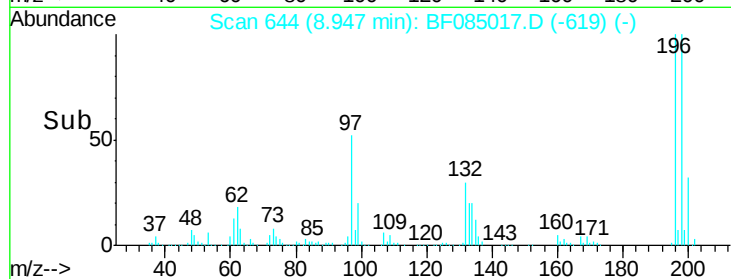
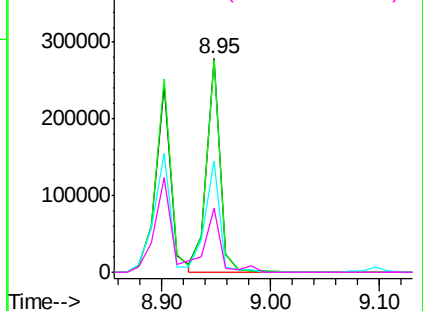
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

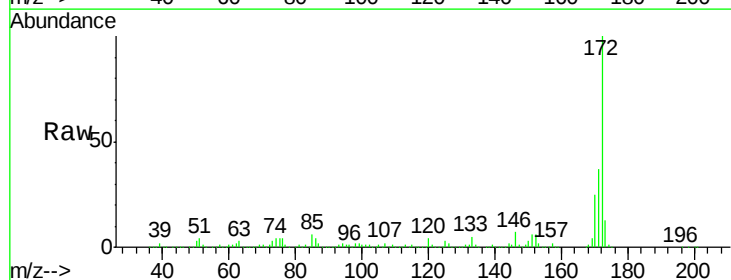
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.6	18.6	27.8

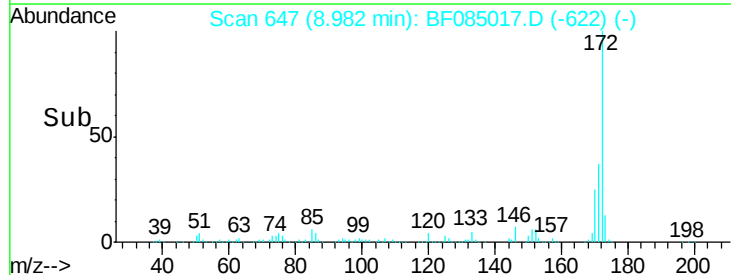
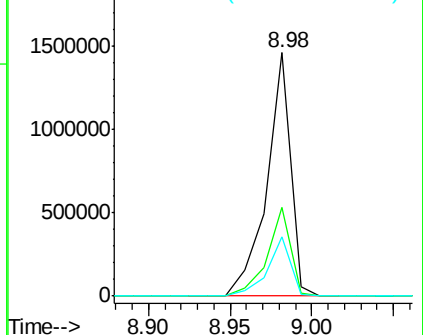


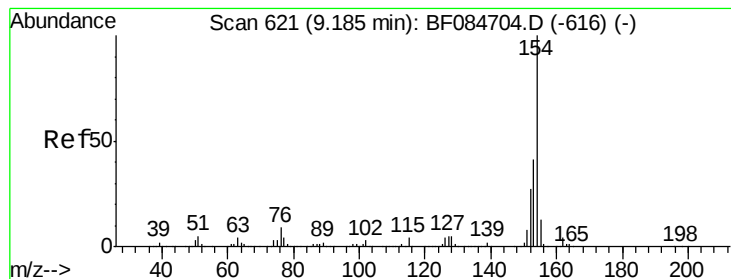
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.70 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

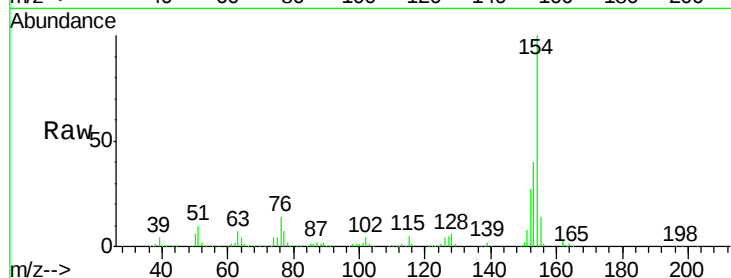
Tgt Ion:154 Resp: 911130

Ion Ratio Lower Upper

154 100

153 39.7 21.6 61.6

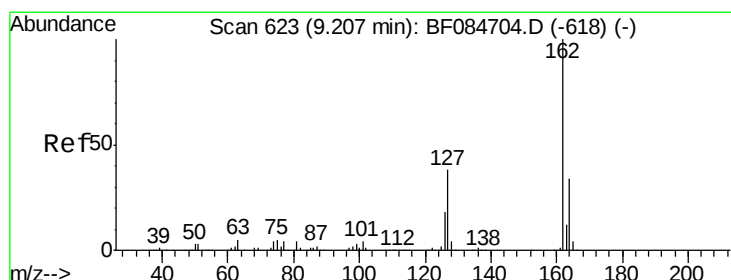
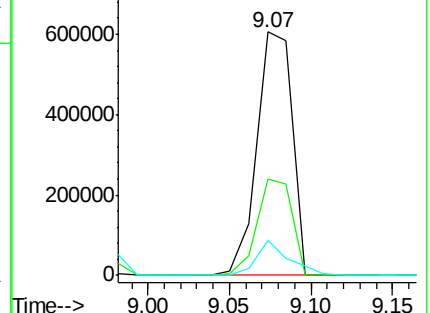
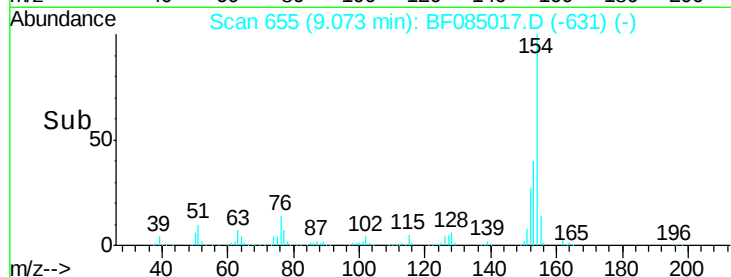
76 14.2 0.0 32.7



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): BF0



#46

2-Chloronaphthalene

Concen: 34.36 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

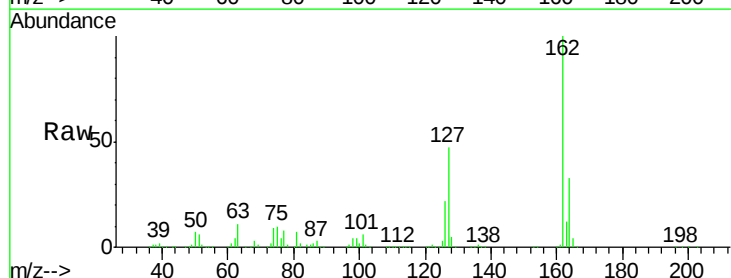
Tgt Ion:162 Resp: 664407

Ion Ratio Lower Upper

162 100

127 46.8 40.2 60.4

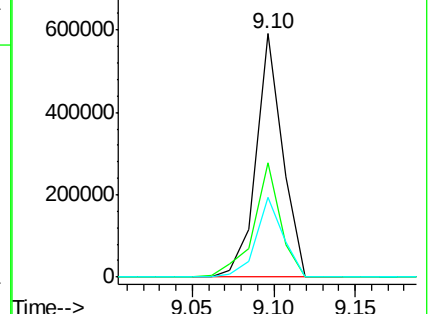
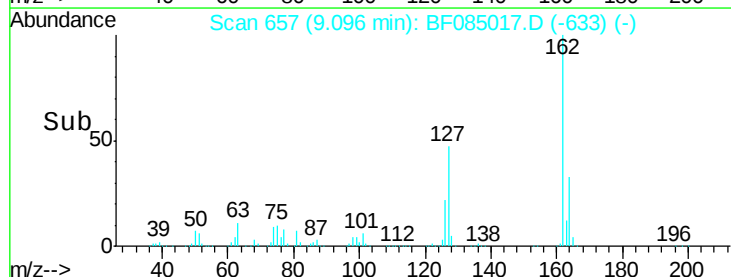
164 32.7 25.7 38.5

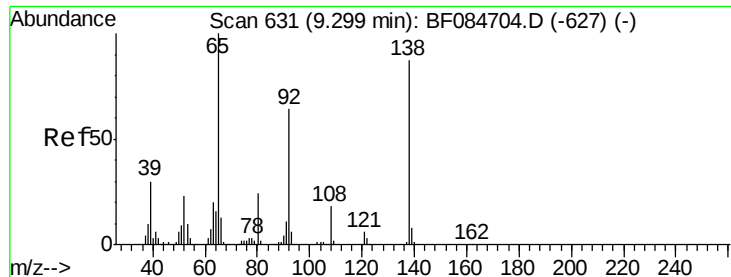


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.92 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

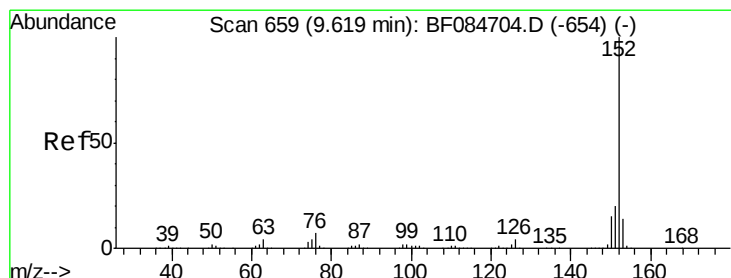
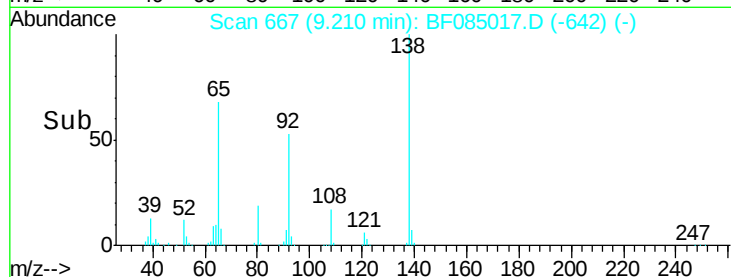
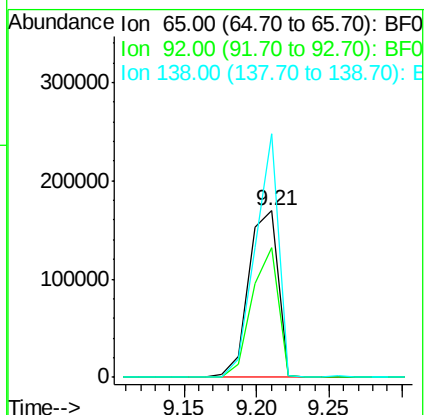
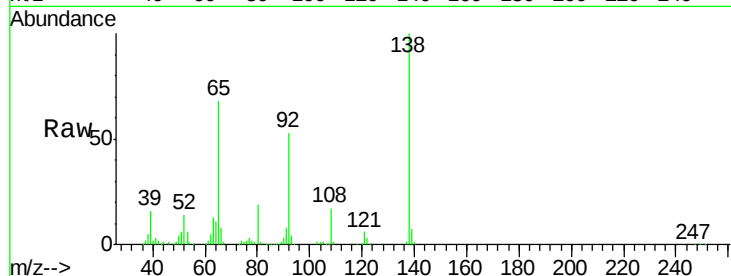
Tgt Ion: 65 Resp: 238287

Ion Ratio Lower Upper

65 100

92 77.5 53.4 80.2

138 146.0 71.1 106.7#



#48

Acenaphthylene

Concen: 34.93 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

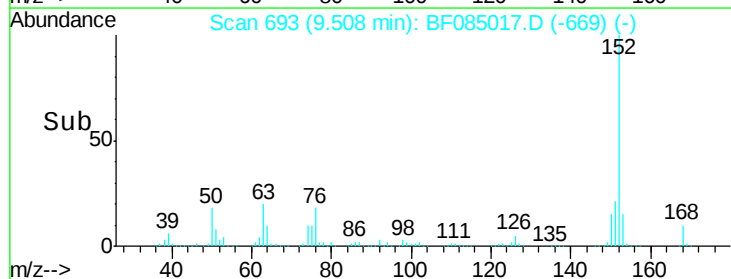
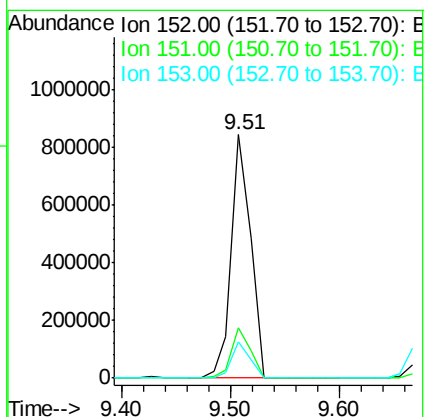
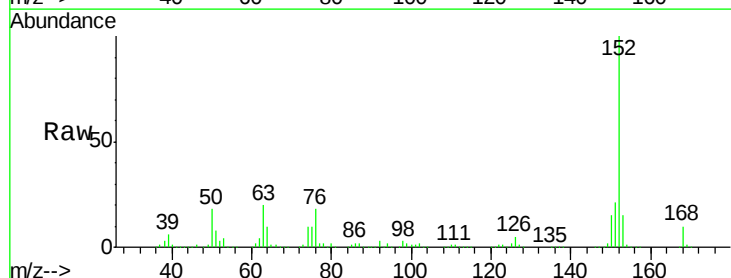
Tgt Ion: 152 Resp: 1025200

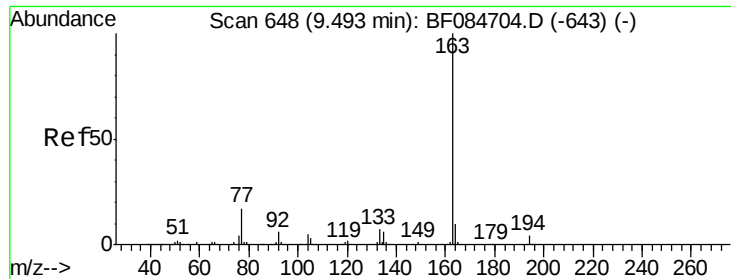
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 14.7 10.4 15.6

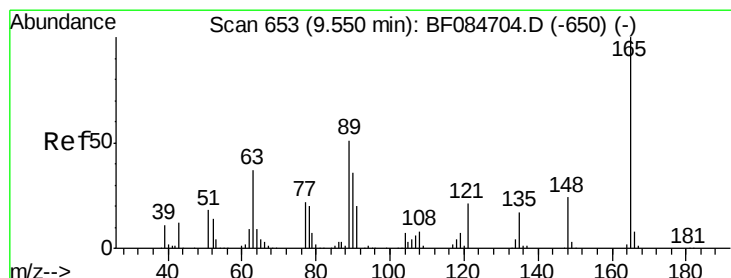
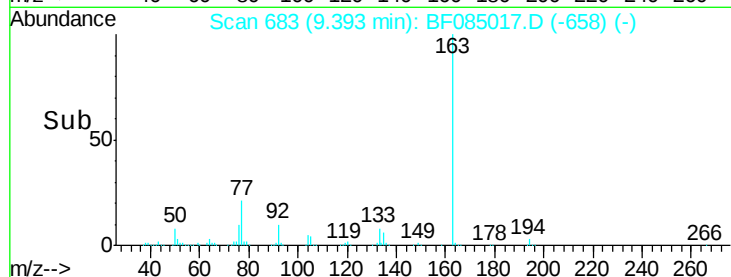
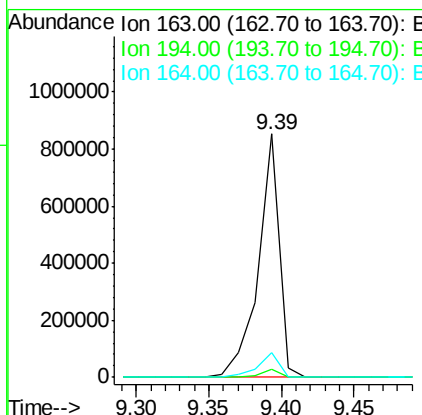
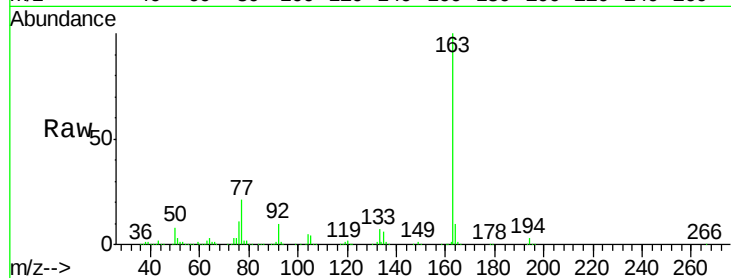




#49
Dimethylphthalate
Concen: 38.10 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

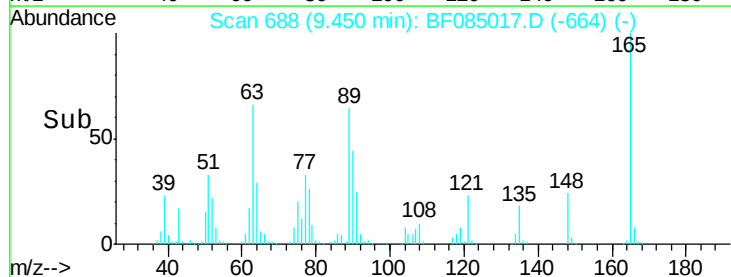
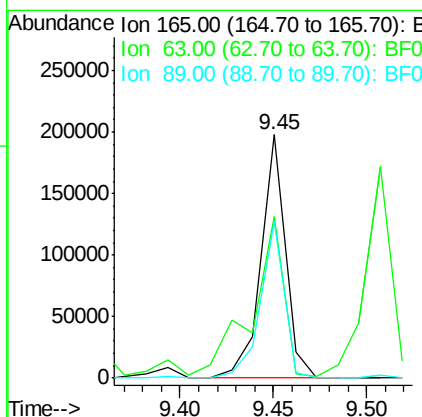
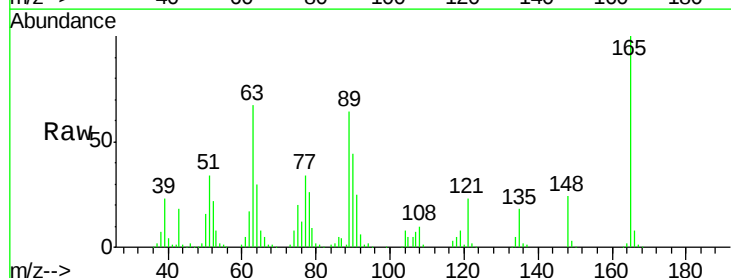
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

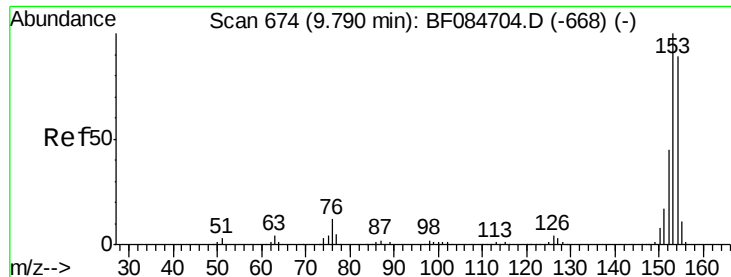
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.4	8.0	12.0



#50
2,6-Dinitrotoluene
Concen: 36.52 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	28.8	43.2#
89	64.3	35.1	52.7#





#51

Acenaphthene

Concen: 33.95 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

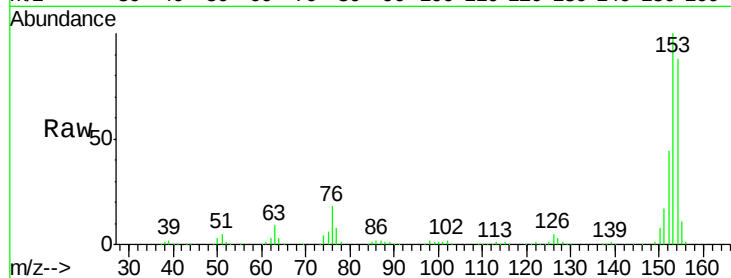
Tgt Ion:154 Resp: 648098

Ion Ratio Lower Upper

154 100

153 113.3 91.5 137.3

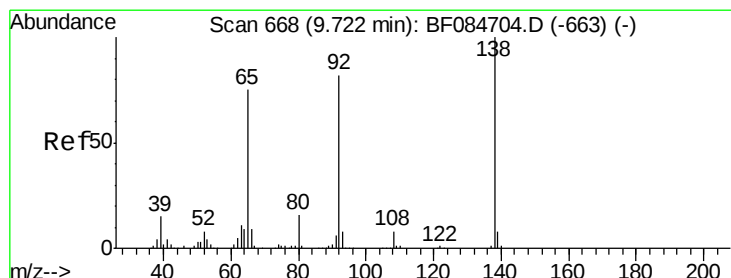
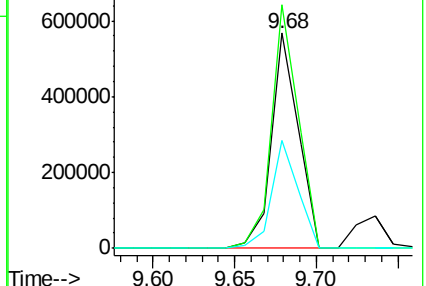
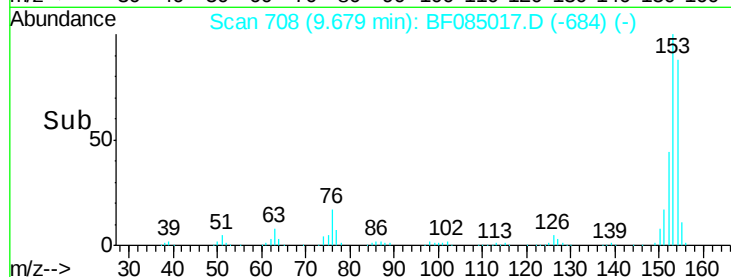
152 50.1 43.0 64.6



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: 10.97 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

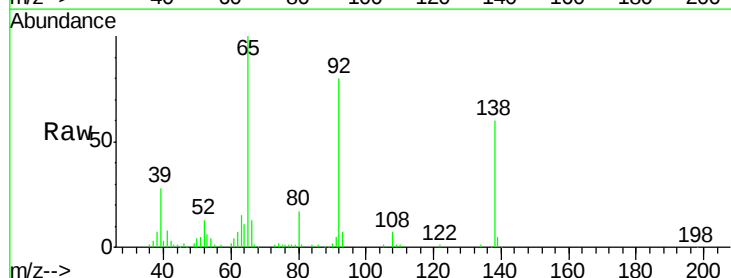
Tgt Ion:138 Resp: 60301

Ion Ratio Lower Upper

138 100

108 12.3 10.5 15.7

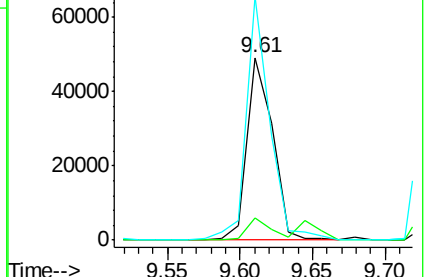
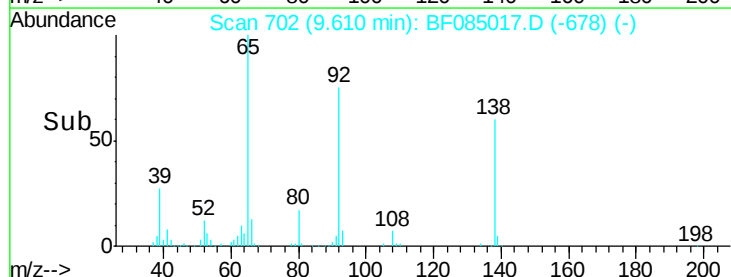
92 133.7 103.9 155.9



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

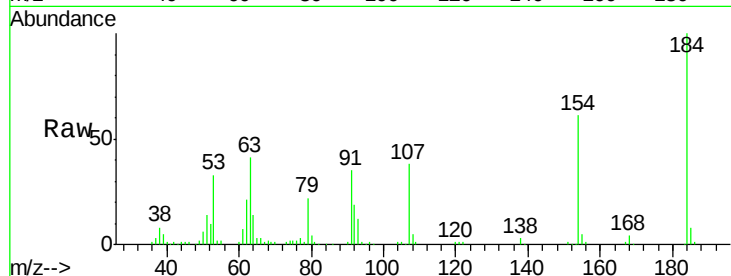




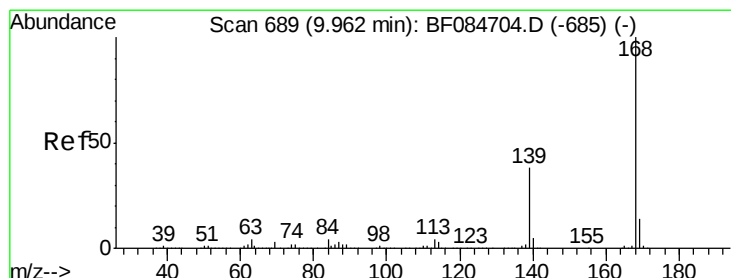
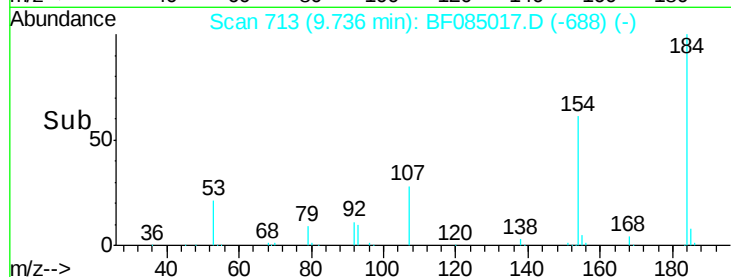
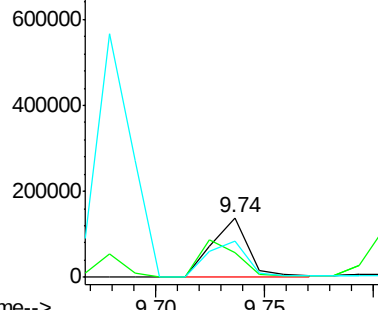
#53
2,4-Dinitrophenol
Concen: 72.94 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:184 Resp: 163442
Ion Ratio Lower Upper
184 100
63 41.4 43.1 64.7#
154 61.3 60.5 90.7

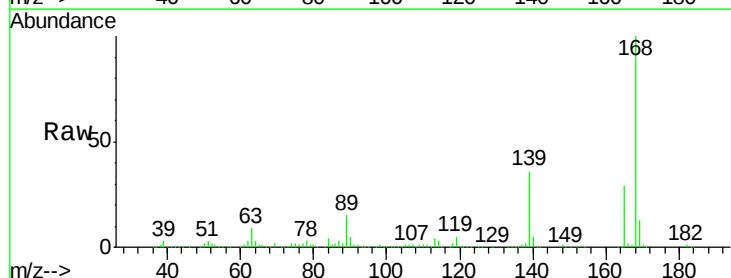


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

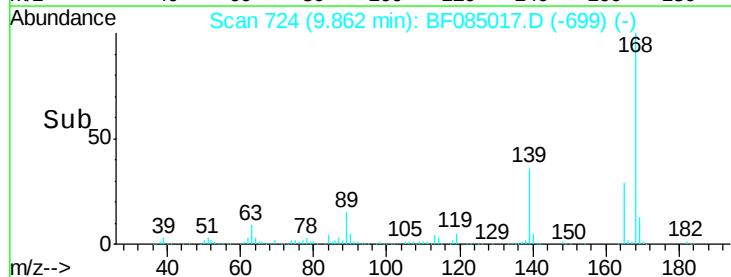
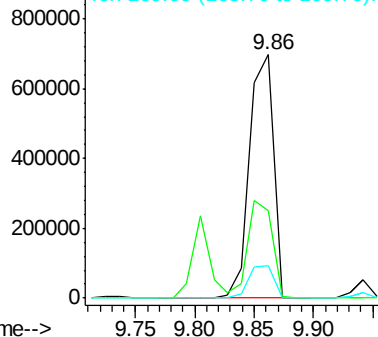


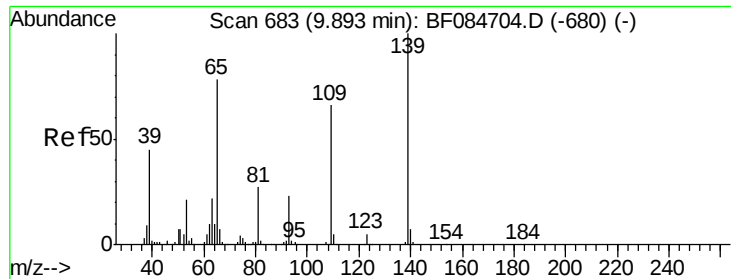
#54
Dibenzofuran
Concen: 41.48 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:168 Resp: 967959
Ion Ratio Lower Upper
168 100
139 35.9 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

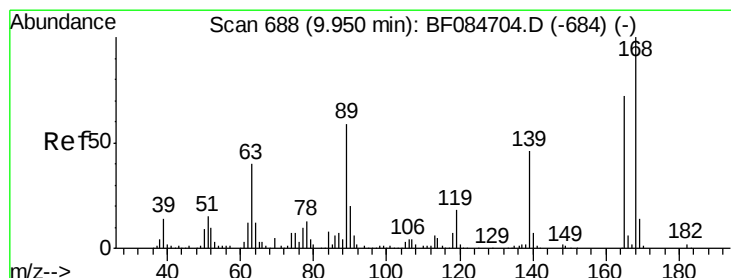
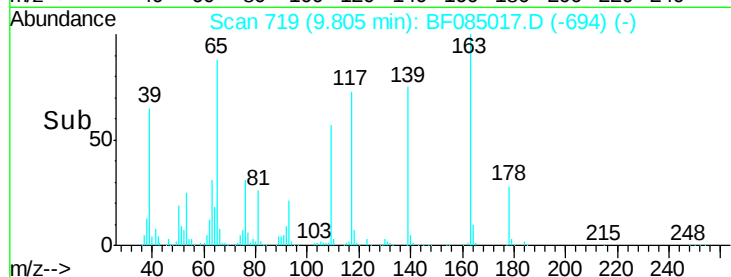
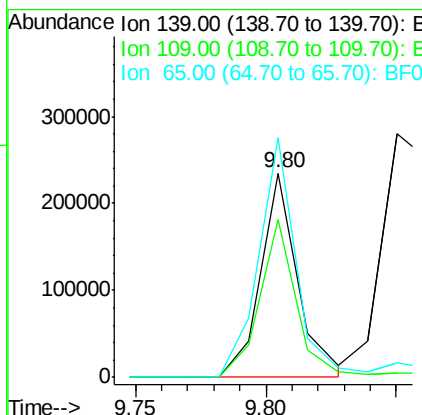
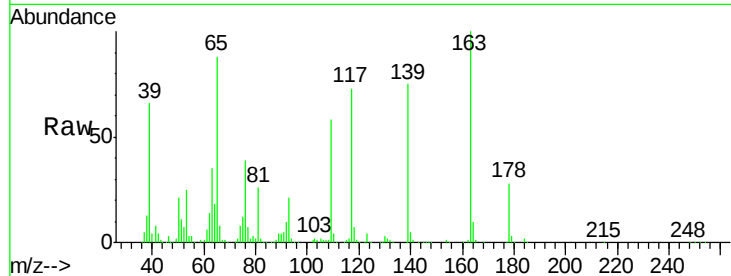




#55
4-Nitrophenol
Concen: 58.06 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

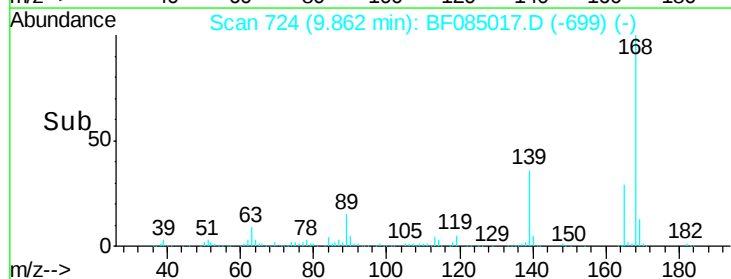
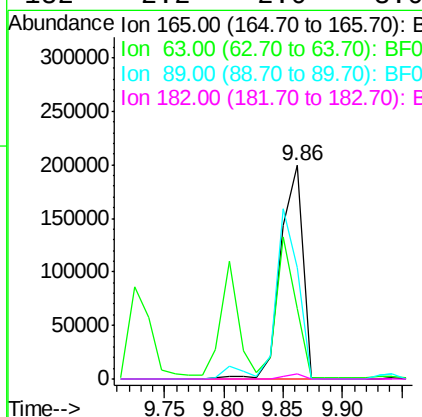
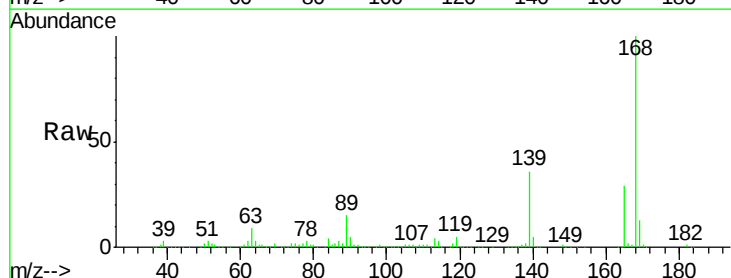
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

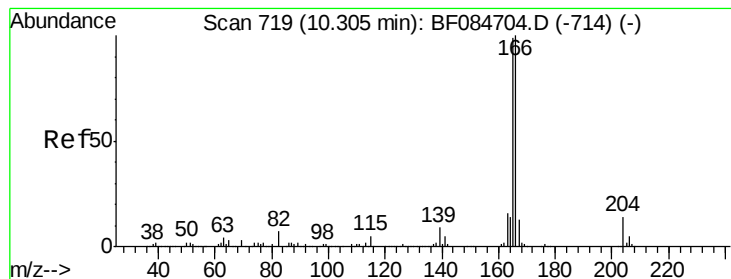
Tgt Ion:139 Resp: 234562
Ion Ratio Lower Upper
139 100
109 77.0 58.5 98.5
65 117.6 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 40.84 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:165 Resp: 254829
Ion Ratio Lower Upper
165 100
63 32.9 36.7 55.1#
89 52.3 61.9 92.9#
182 2.2 2.0 3.0





#57

Fluorene

Concen: 36.47 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

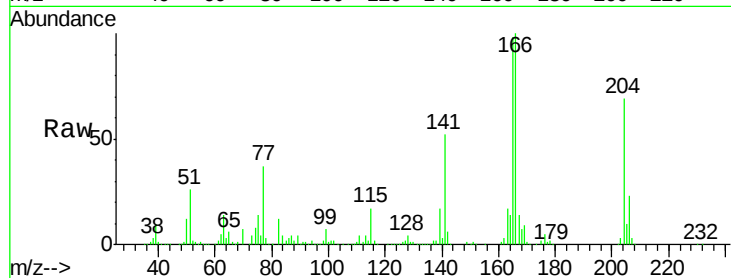
Tgt Ion:166 Resp: 710663

Ion Ratio Lower Upper

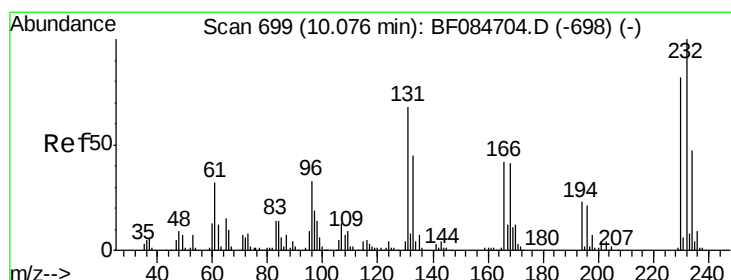
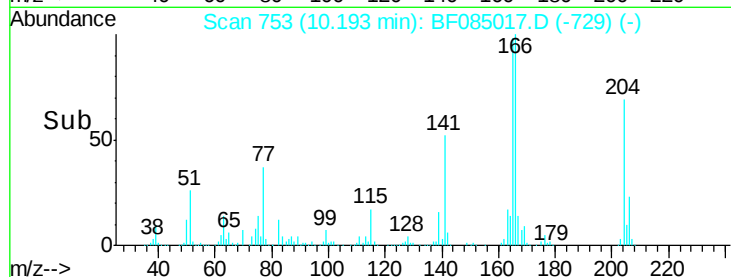
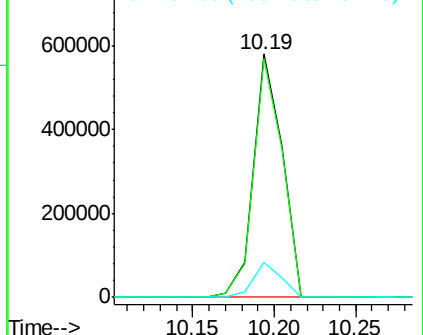
166 100

165 97.9 79.1 118.7

167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.42 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:232 Resp: 197382

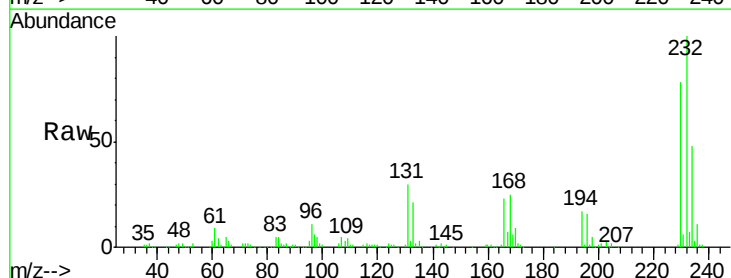
Ion Ratio Lower Upper

232 100

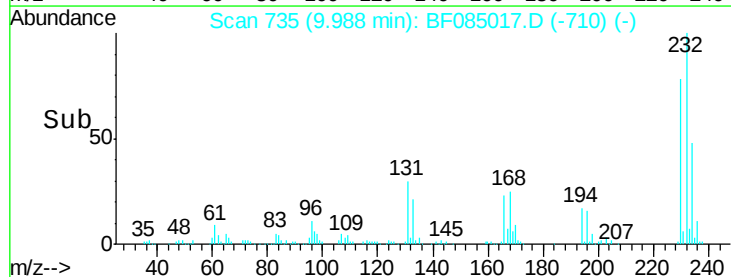
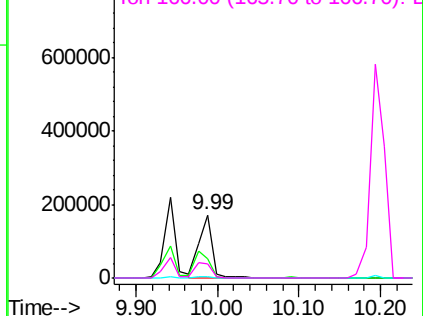
131 47.2 47.0 70.6

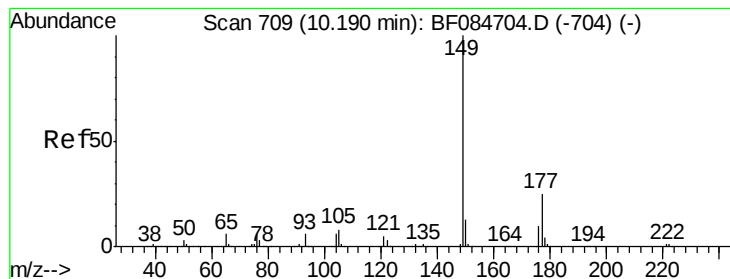
130 2.2 2.0 3.0

166 29.7 30.5 45.7#



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





#59

Diethylphthalate

Concen: 38.87 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

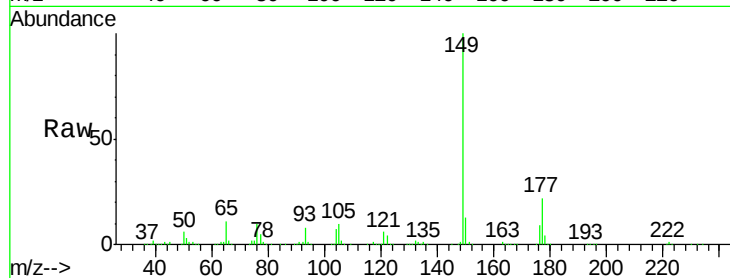
Tgt Ion:149 Resp: 849946

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

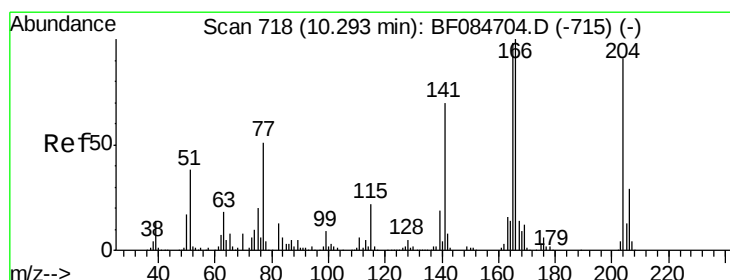
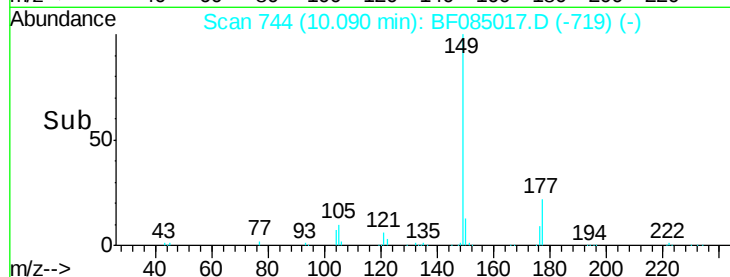
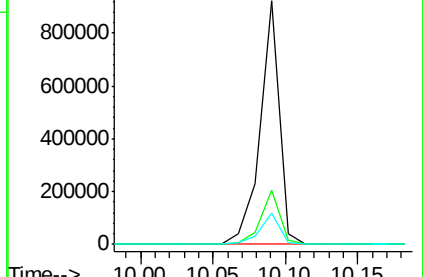
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.49 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

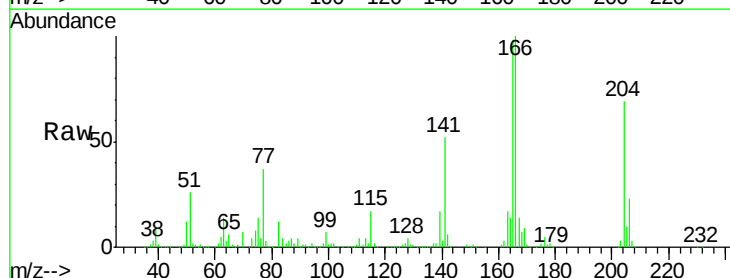
Tgt Ion:204 Resp: 337426

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

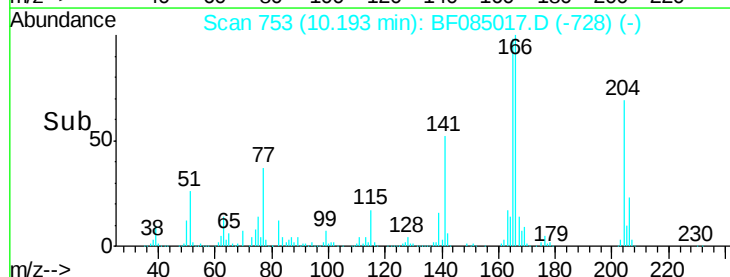
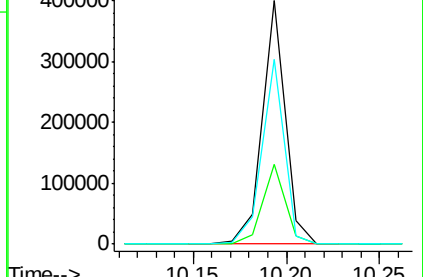
141 75.9 55.1 82.7

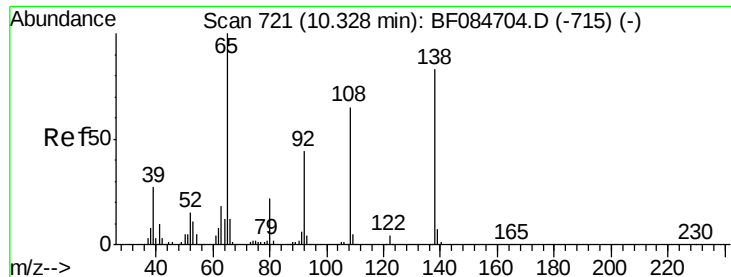


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.23 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

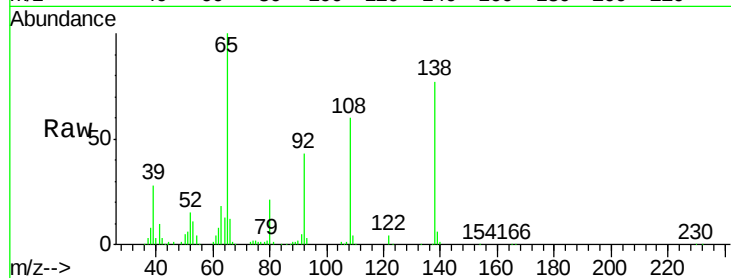
Tgt Ion:138 Resp: 188690

Ion Ratio Lower Upper

138 100

92 55.6 32.6 72.6

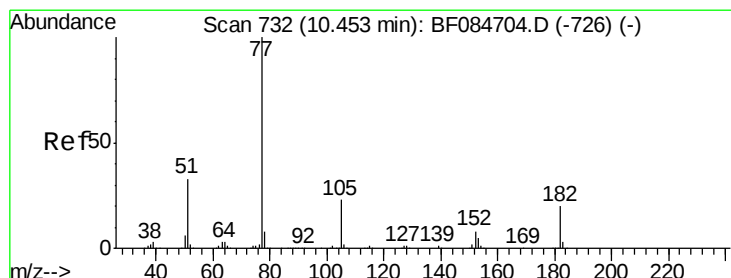
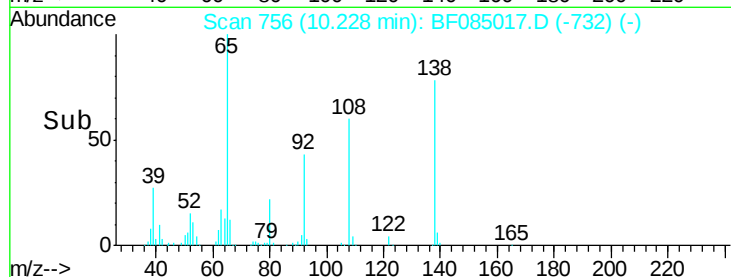
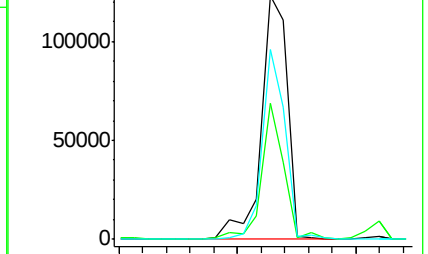
108 78.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.56 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion: 77 Resp: 915885

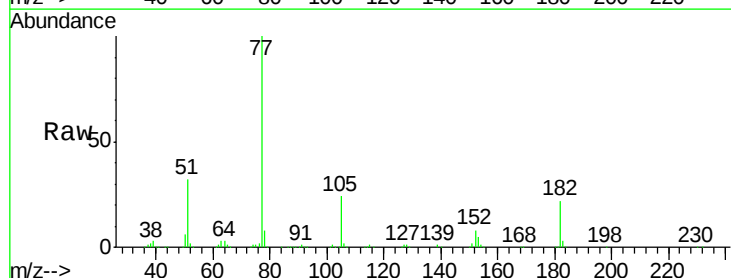
Ion Ratio Lower Upper

77 100

182 21.9 8.3 48.3

105 23.7 4.6 44.6

51 31.9 6.2 46.2

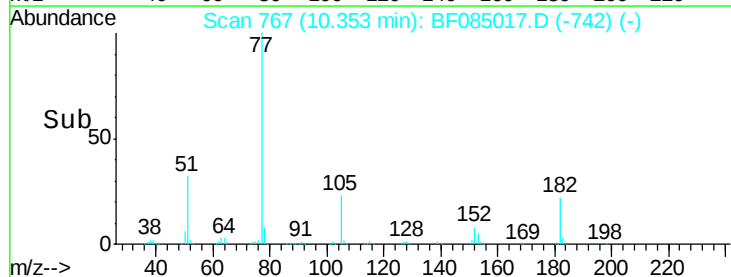
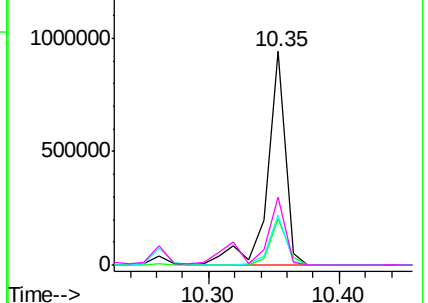


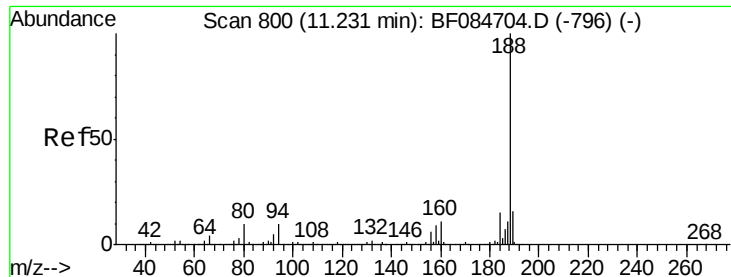
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

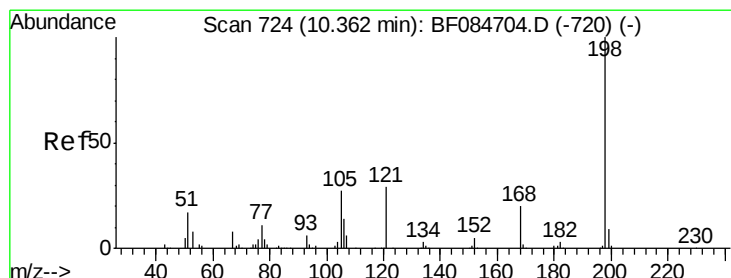
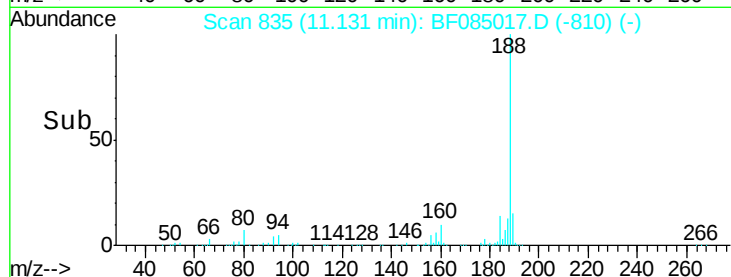
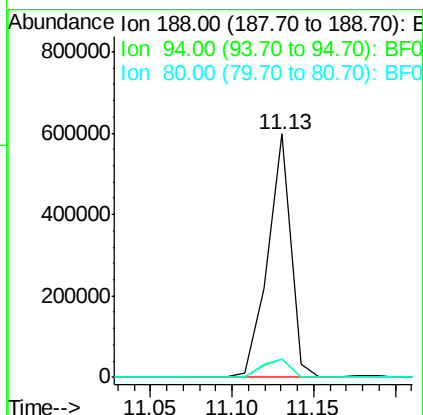
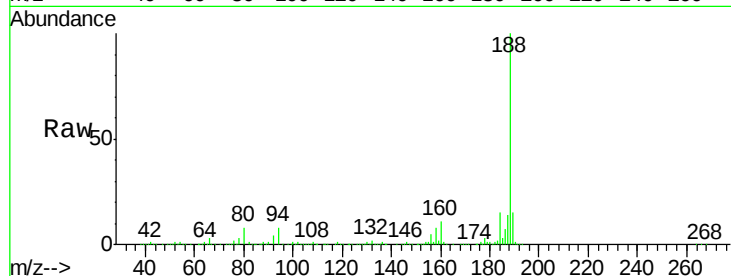




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

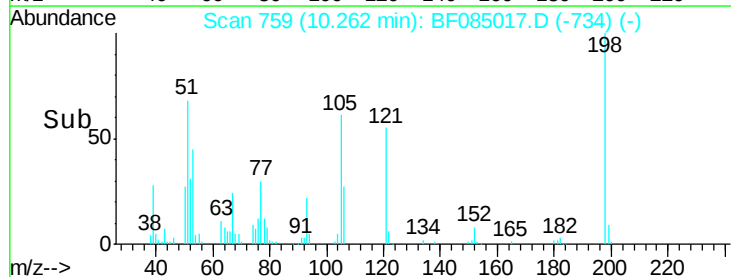
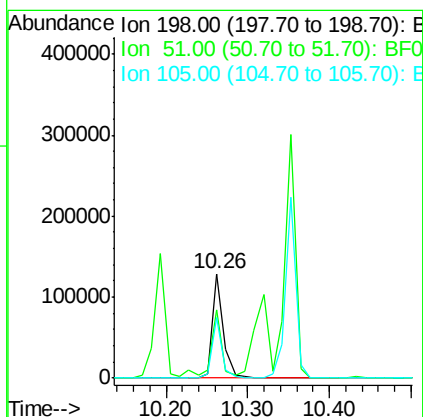
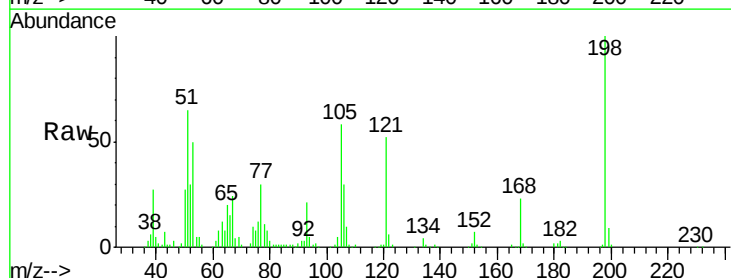
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

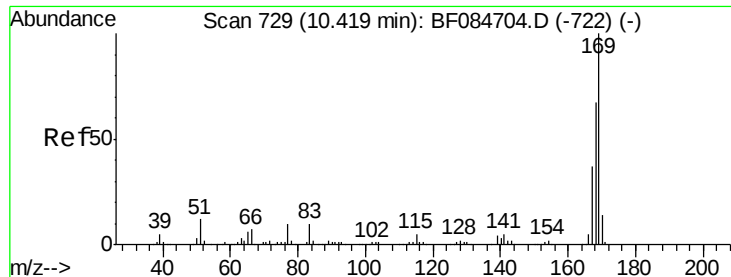
Tgt Ion:188 Resp: 588941
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.4#
80 7.8 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.51 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:198 Resp: 125442
Ion Ratio Lower Upper
198 100
51 65.2 18.9 58.9#
105 58.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 39.14 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

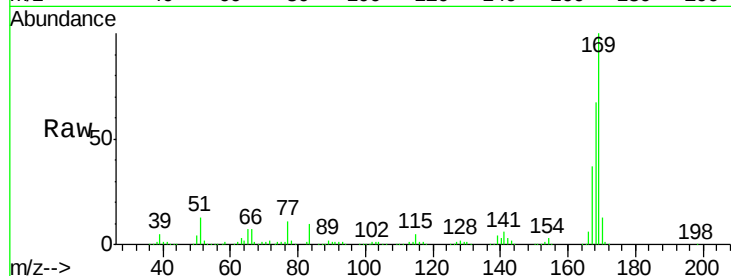
Tgt Ion:169 Resp: 732028

Ion Ratio Lower Upper

169 100

168 66.7 55.1 82.7

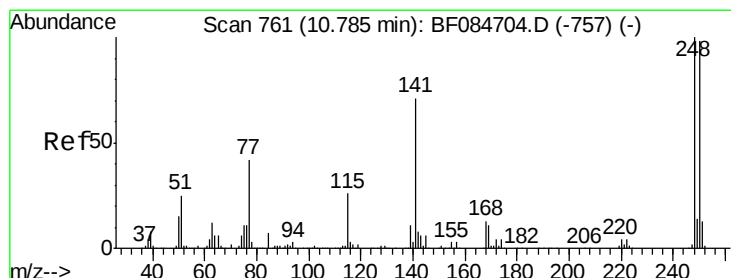
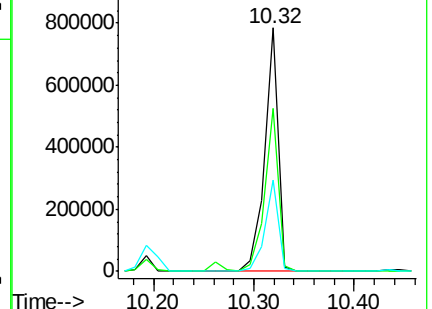
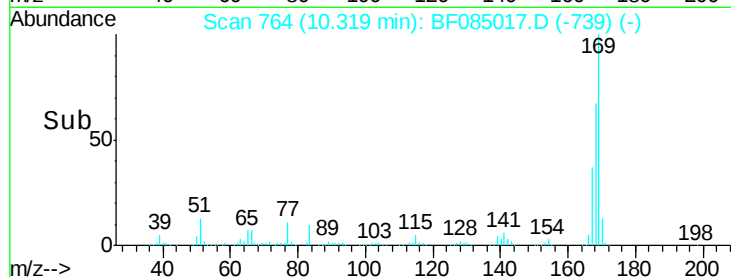
167 37.3 30.0 45.0



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: 37.45 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

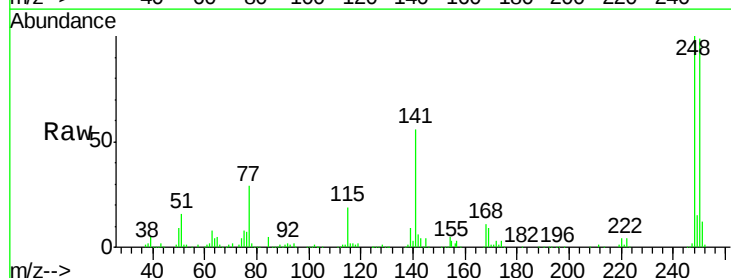
Tgt Ion:248 Resp: 243640

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

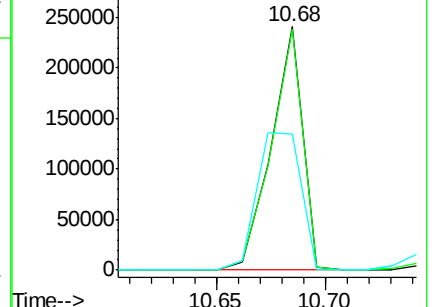
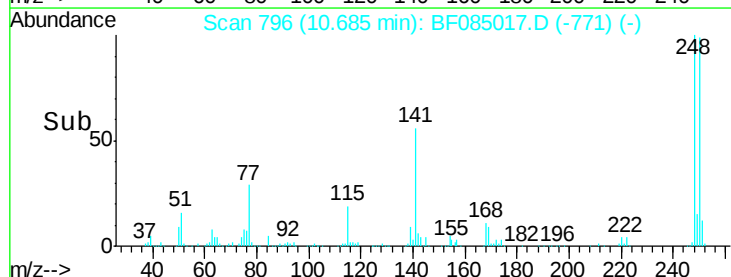
141 55.6 44.0 66.0



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

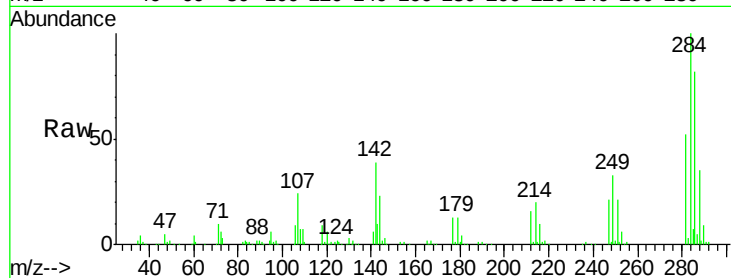




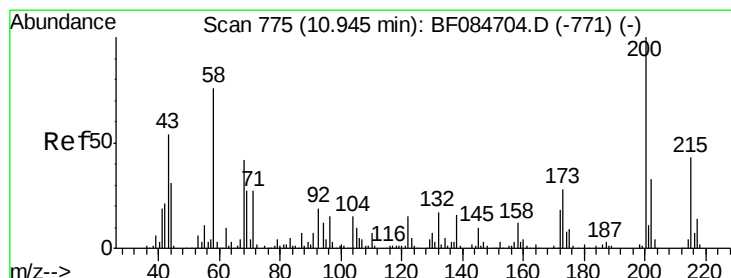
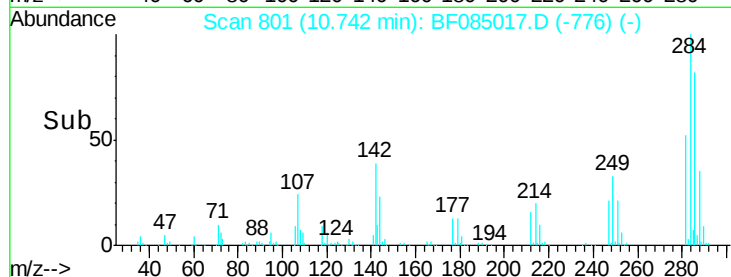
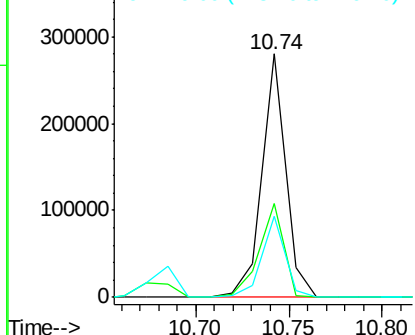
#67
Hexachlorobenzene
Concen: 34.71 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:284 Resp: 246036
Ion Ratio Lower Upper
284 100
142 38.6 22.2 33.4#
249 33.0 24.6 37.0

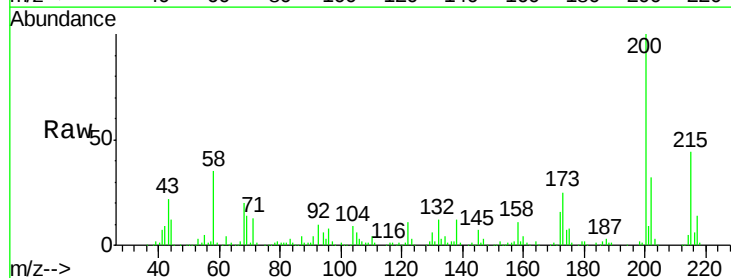


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

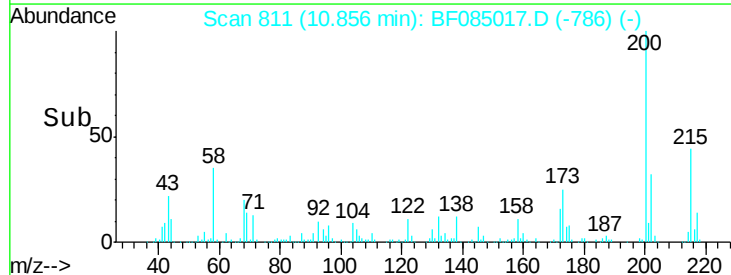
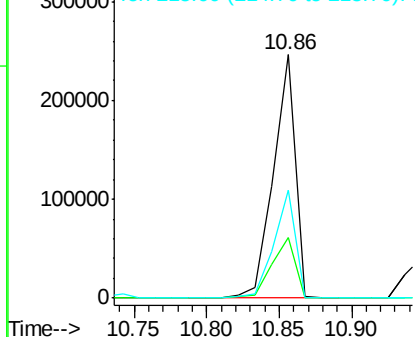


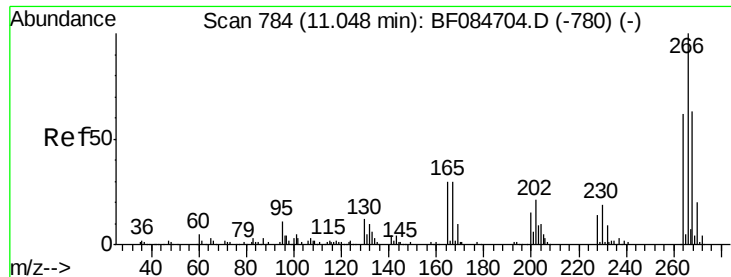
#68
Atrazine
Concen: 43.43 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:200 Resp: 256490
Ion Ratio Lower Upper
200 100
173 24.7 9.5 49.5
215 44.2 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

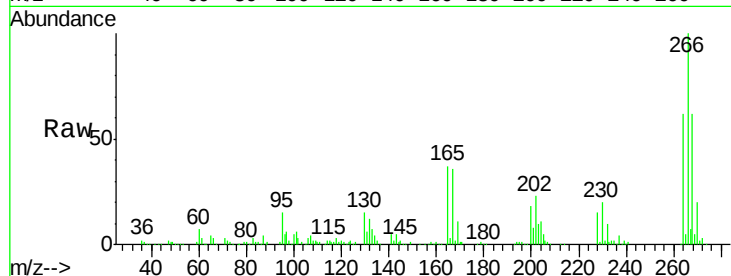




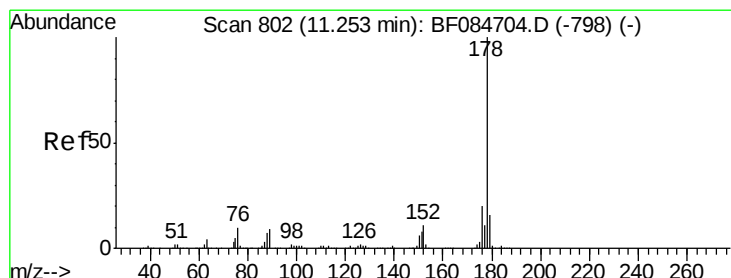
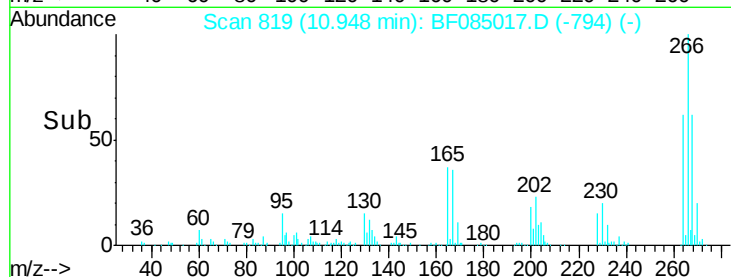
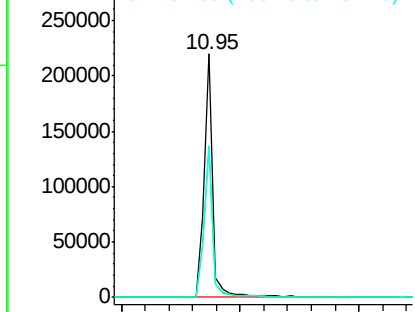
#69
 Pentachlorophenol
 Concen: 69.97 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion:266 Resp: 233076
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.4 78.6
 264 62.0 50.2 75.2

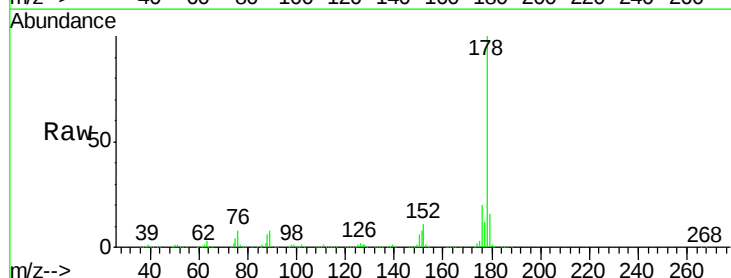


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

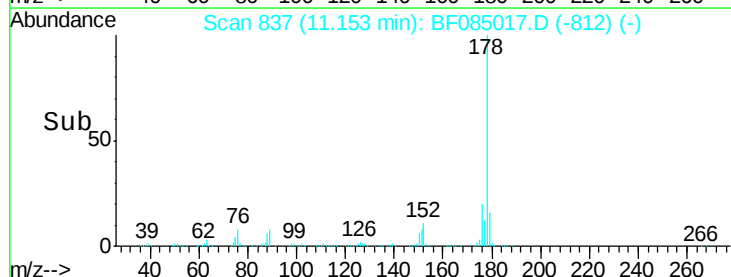
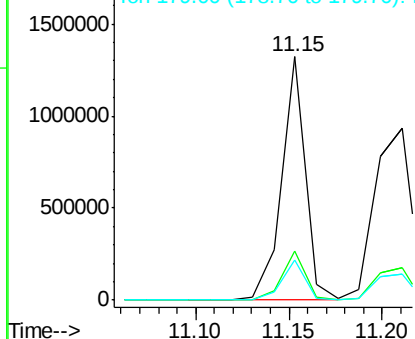


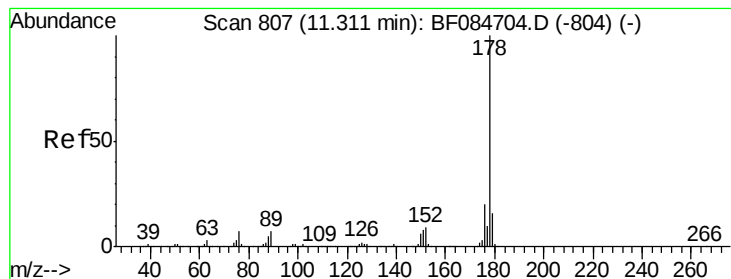
#70
 Phenanthrene
 Concen: 35.83 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:178 Resp: 1170503
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 16.4 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: 37.19 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

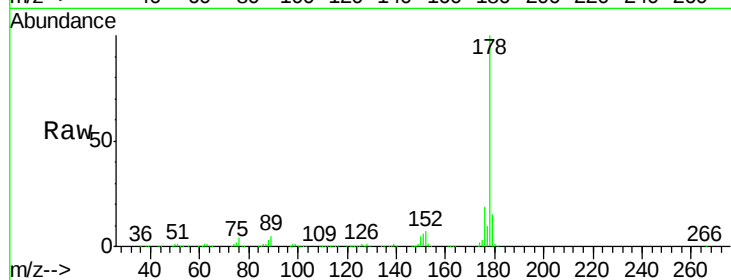
Tgt Ion:178 Resp: 1224143

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

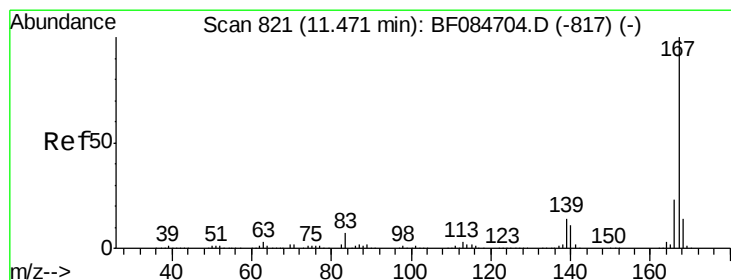
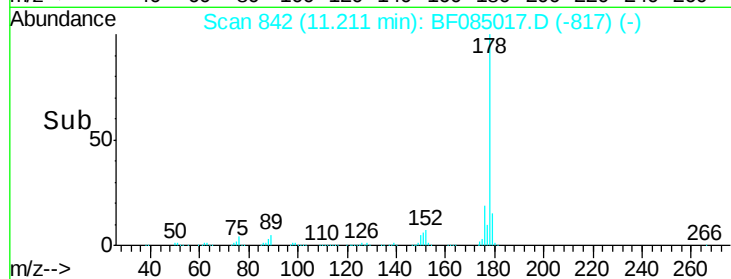
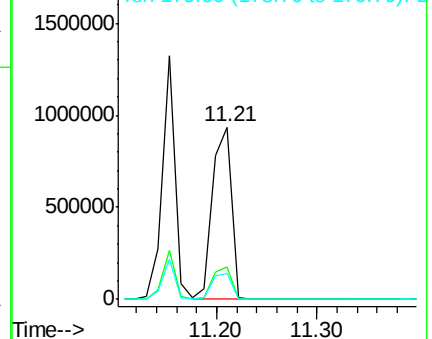
179 15.4 12.5 18.7



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: 38.82 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

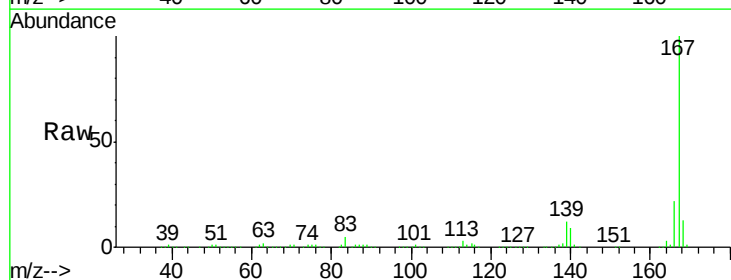
Tgt Ion:167 Resp: 1114074

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

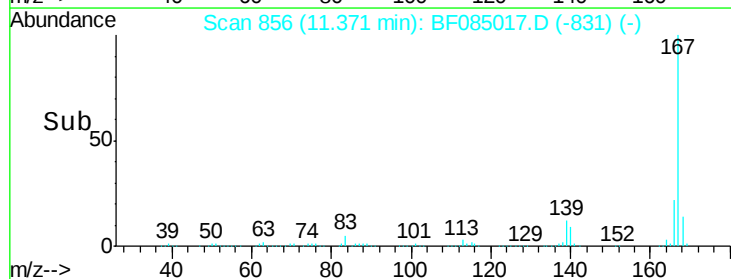
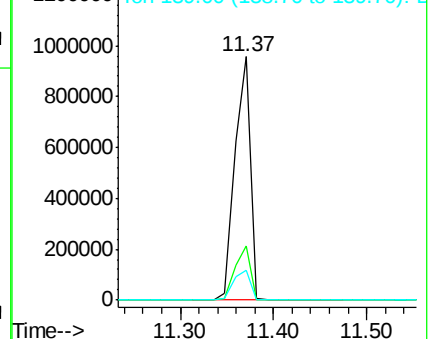
139 12.2 11.8 17.8



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: 34.48 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

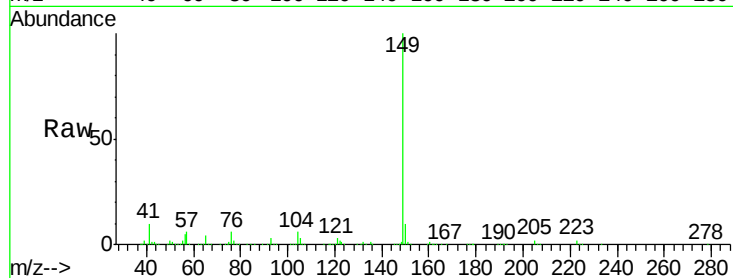
Tgt Ion:149 Resp: 1260004

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

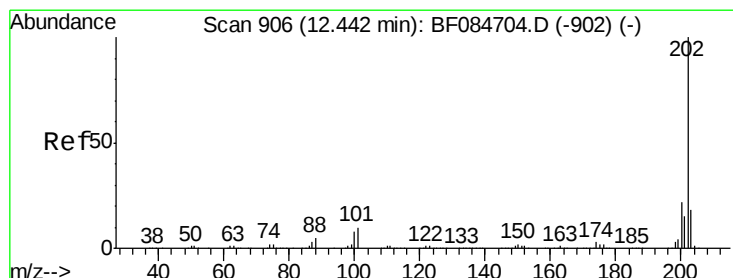
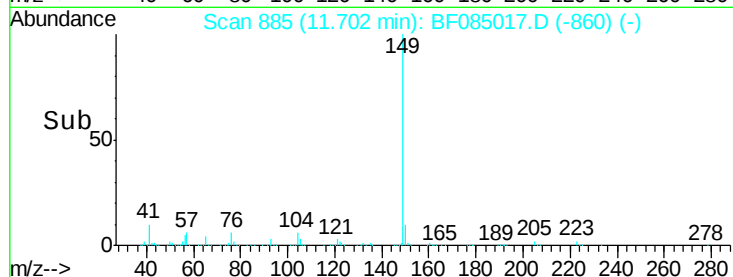
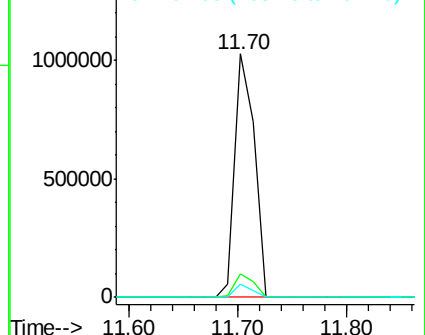
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.79 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

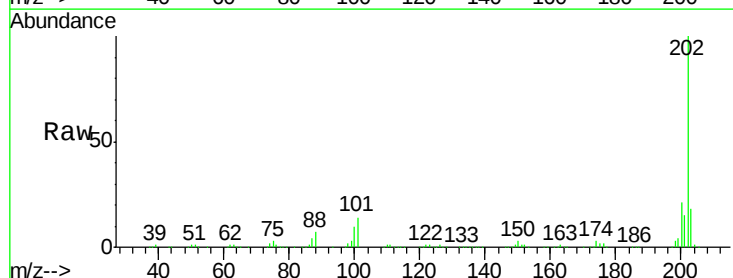
Tgt Ion:202 Resp: 1183144

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

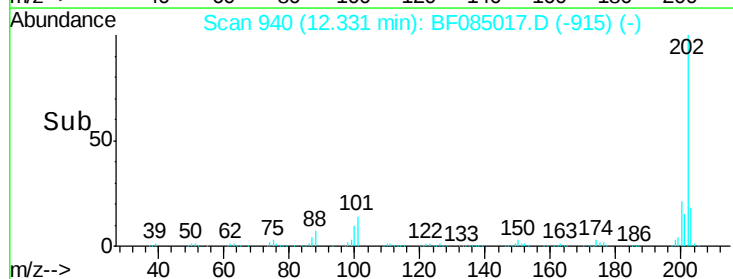
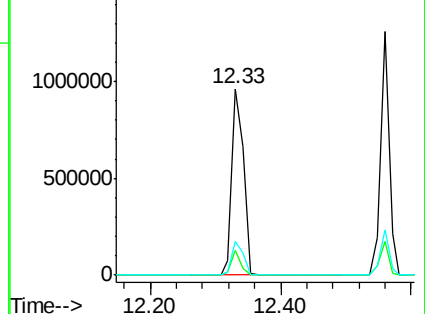
203 18.2 0.0 37.9

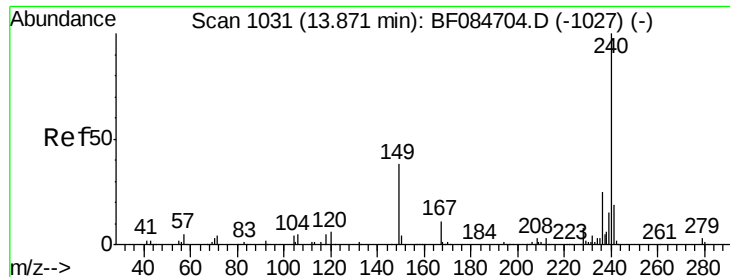


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

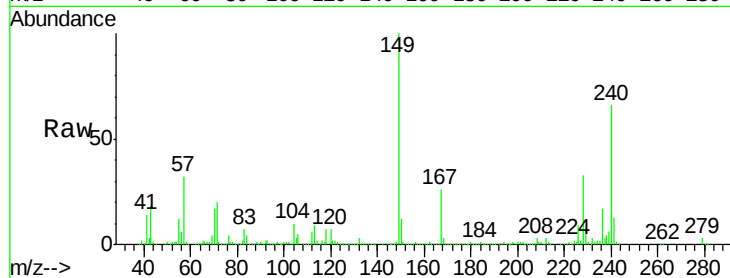
Tgt Ion:240 Resp: 420393

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

236 25.5 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

600000

500000

400000

300000

200000

100000

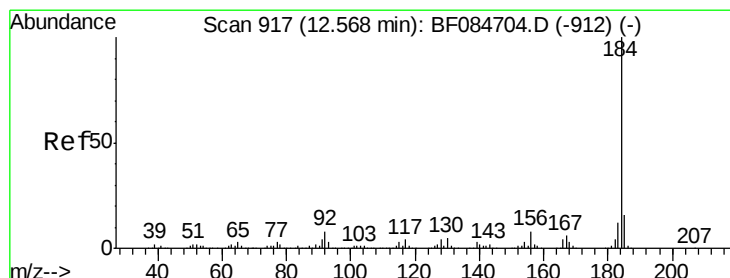
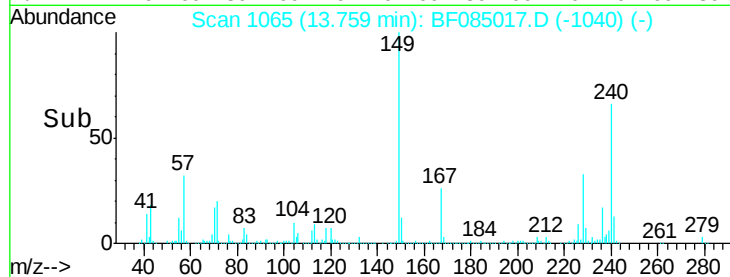
0

13.76

13.70

13.80

Time-->



#76

Benzidine

Concen: 21.11 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

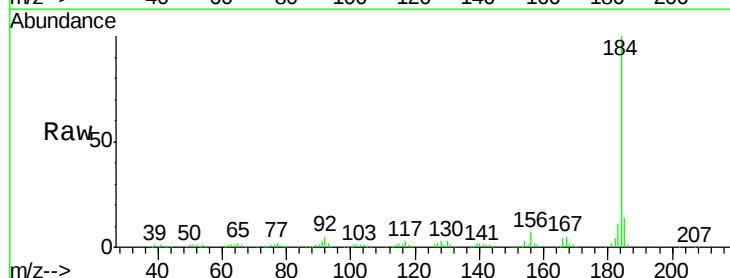
Tgt Ion:184 Resp: 291402

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

183 11.3 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

400000

300000

200000

100000

0

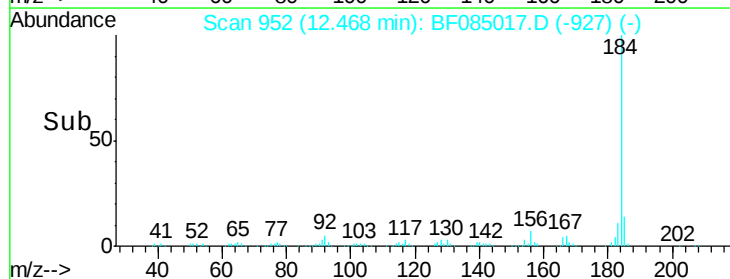
12.47

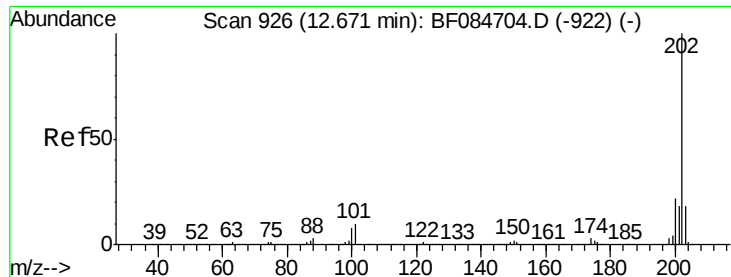
12.40

12.50

12.60

Time-->





#77

Pyrene

Concen: 35.84 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

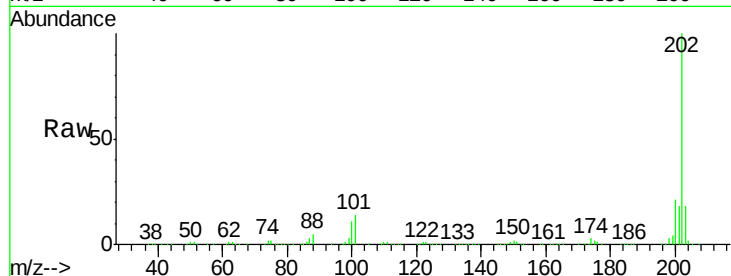
Tgt Ion:202 Resp: 1153726

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

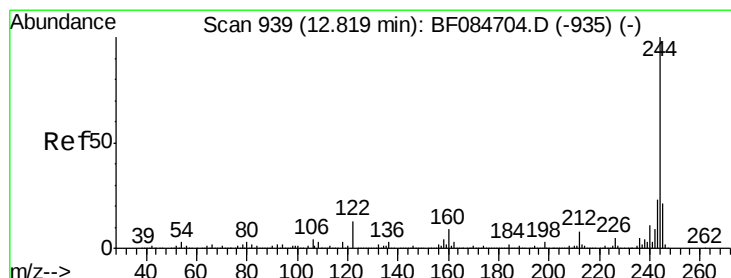
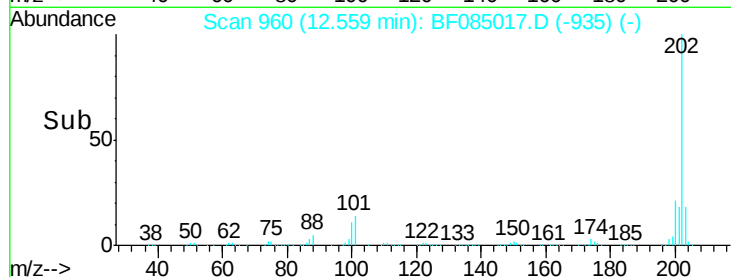
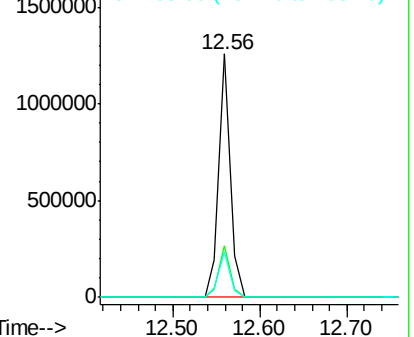
203 18.4 14.3 21.5



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: 82.65 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

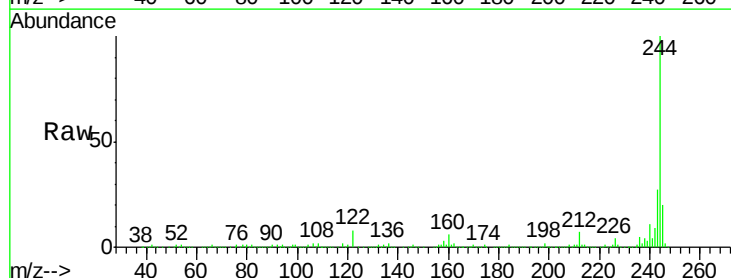
Tgt Ion:244 Resp: 1533388

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

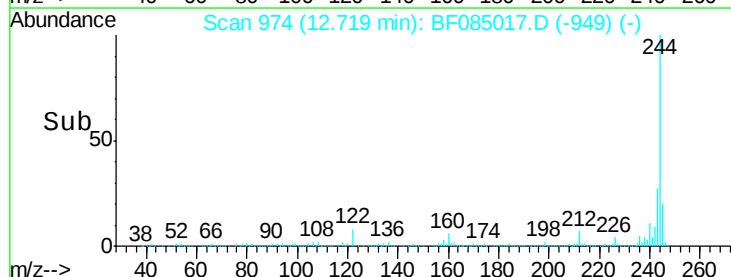
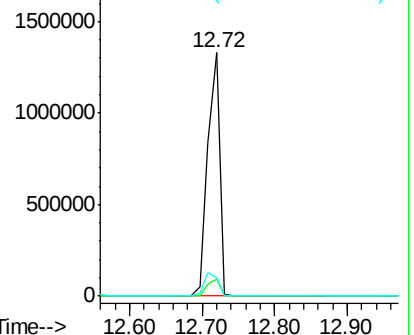
122 7.6 7.4 11.0



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

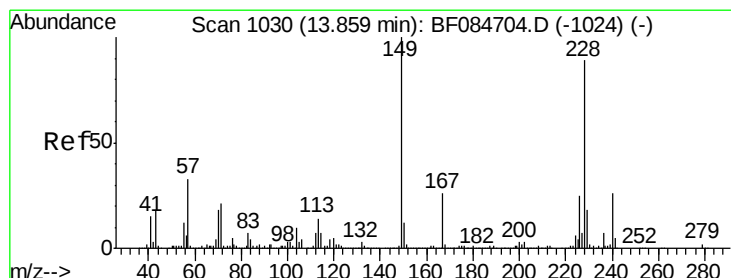
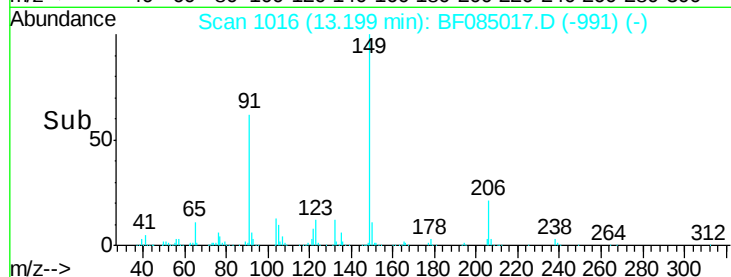
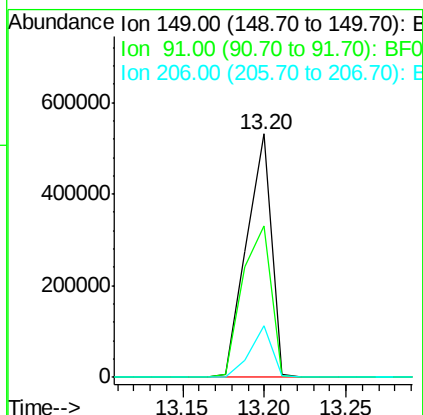
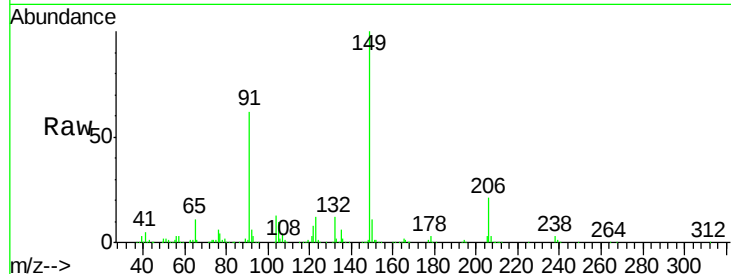




#79
Butylbenzylphthalate
Concen: 38.52 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

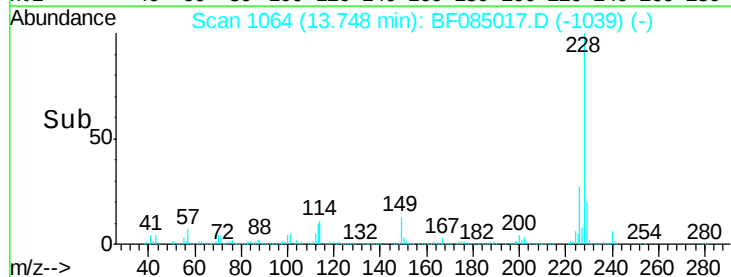
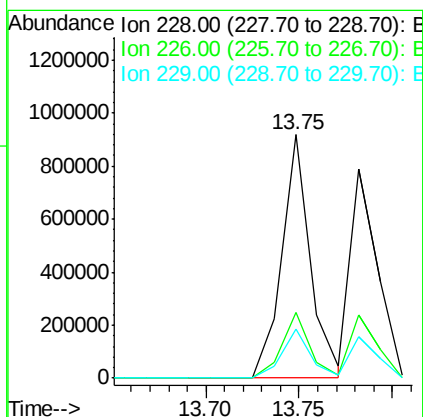
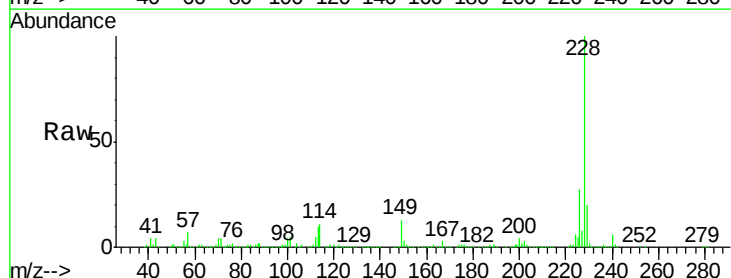
Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion:149 Resp: 562454
Ion Ratio Lower Upper
149 100
91 62.4 57.6 86.4
206 21.0 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 37.62 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion:228 Resp: 981501
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 20.0 15.8 23.8

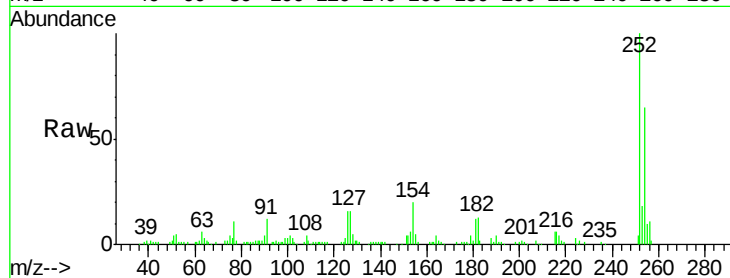




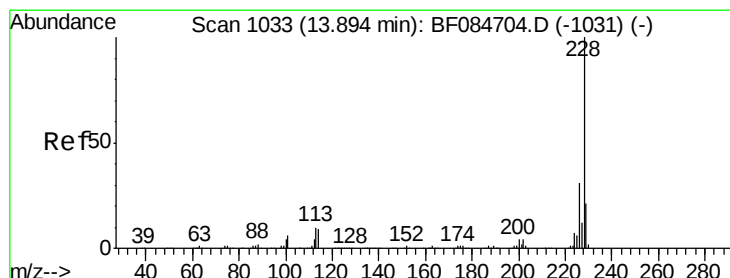
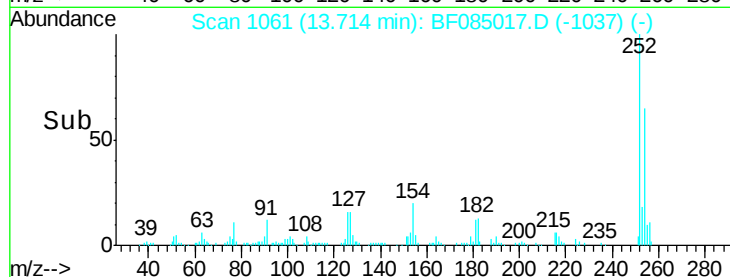
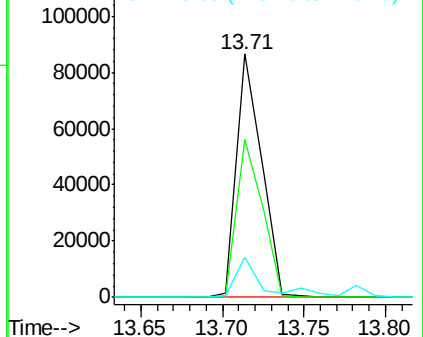
#81
 3,3'-Dichlorobenzidine
 Concen: 9.94 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.5	80.3
126	16.4	4.9	7.3#

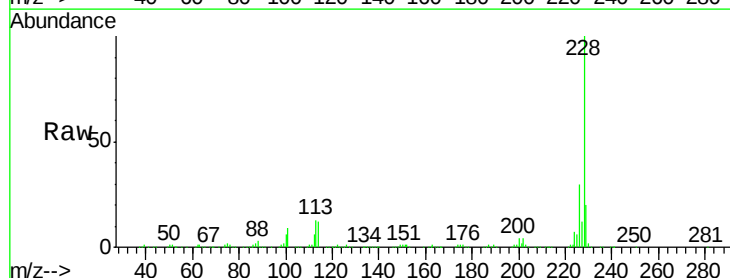


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

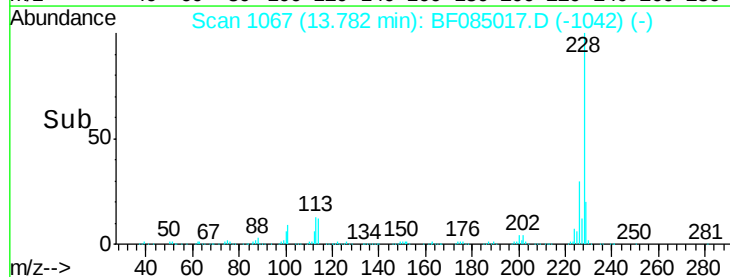
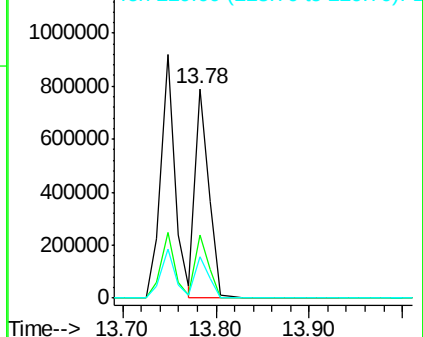


#82
 Chrysene
 Concen: 31.87 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.8	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.17 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

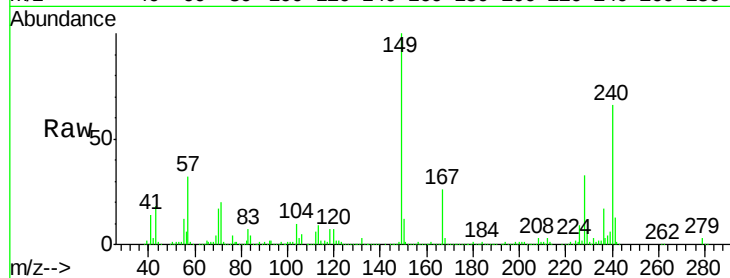
Tgt Ion:149 Resp: 657193

Ion Ratio Lower Upper

149 100

167 26.3 19.7 29.5

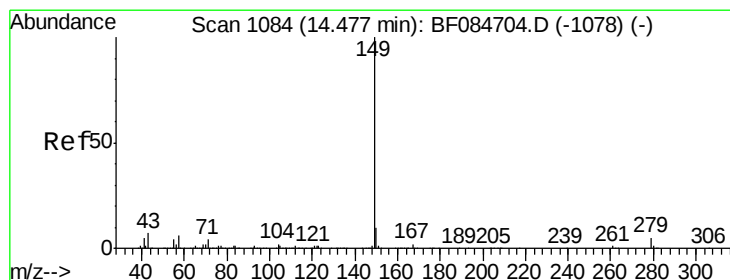
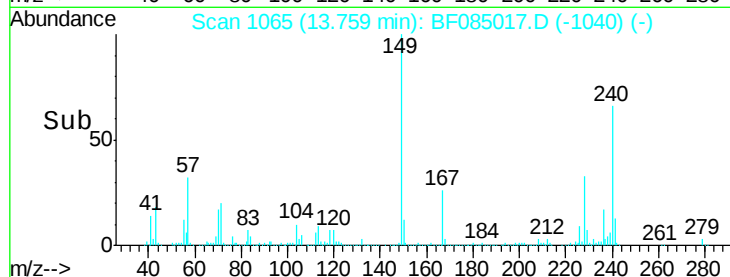
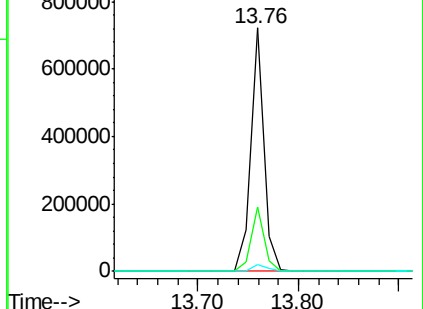
279 2.6 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.95 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

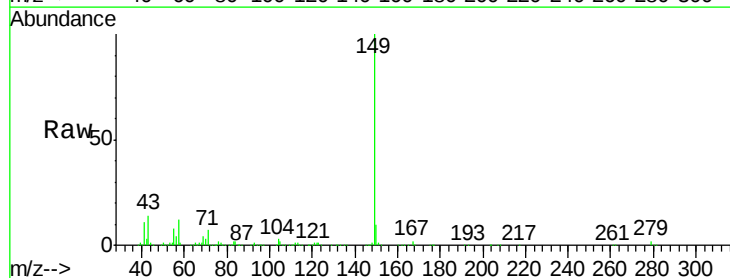
Tgt Ion:149 Resp: 1047616

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

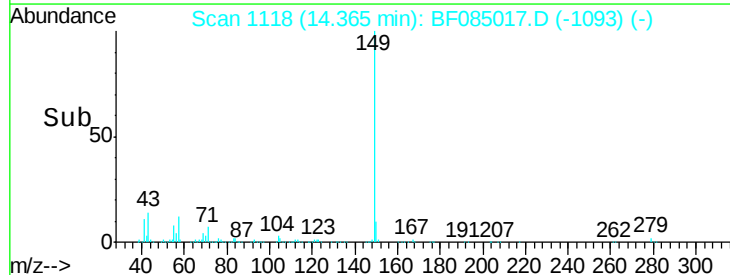
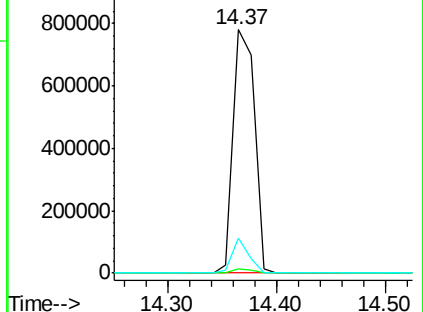
43 10.9 5.6 8.4#

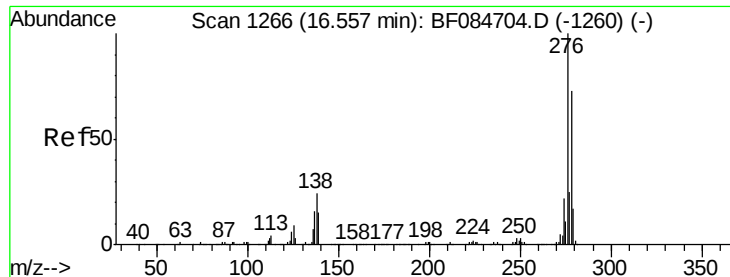


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

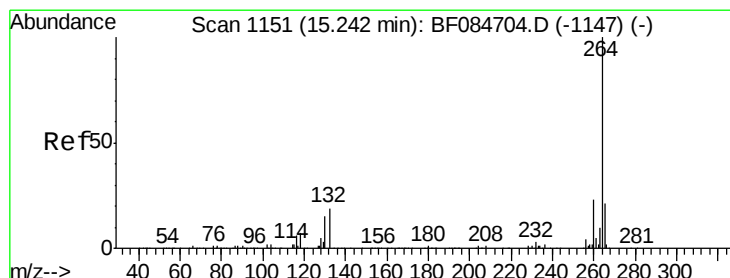
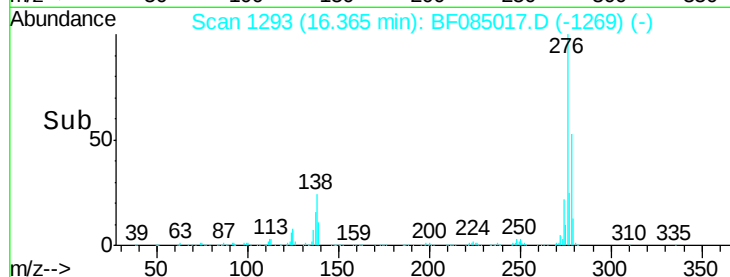
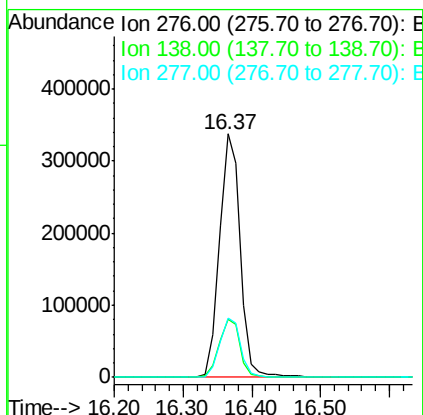
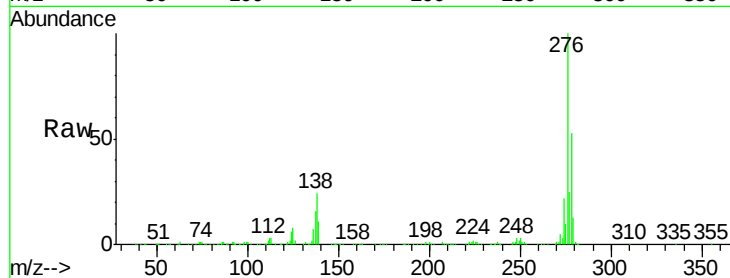




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.35 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

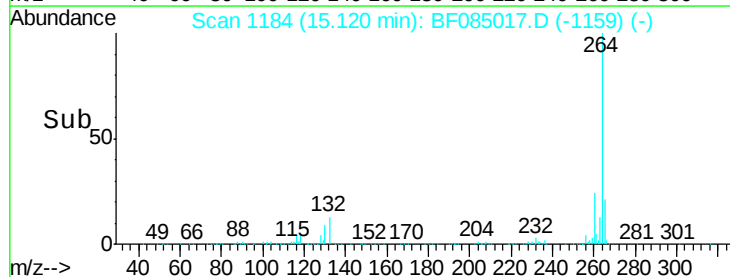
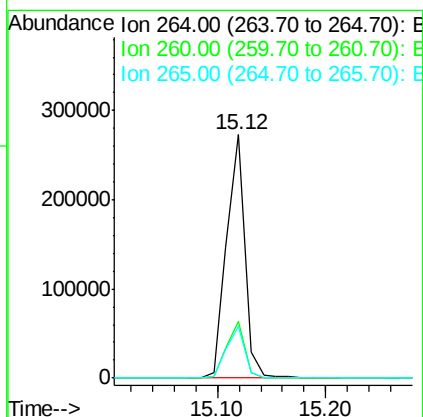
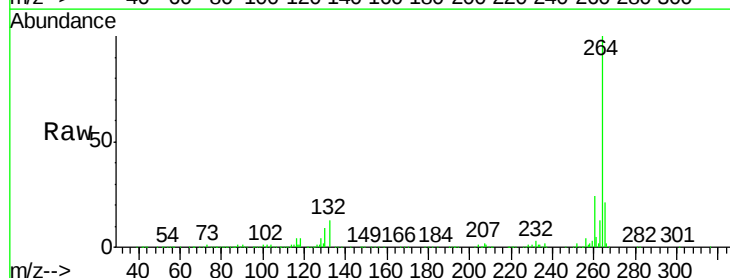
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

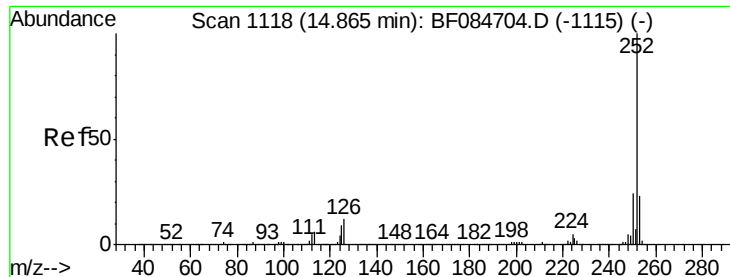
Tgt Ion:276 Resp: 723941
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.6 30.8
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion:264 Resp: 318097
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.1 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 67.92 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

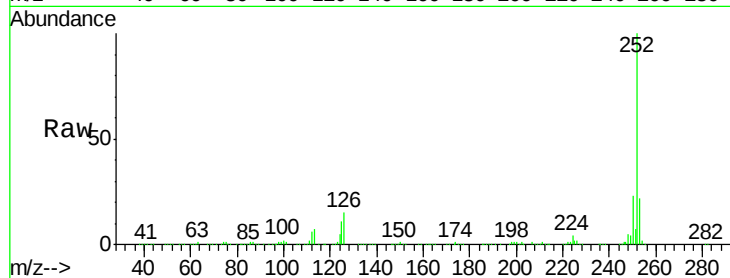
Tgt Ion:252 Resp: 1451653

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

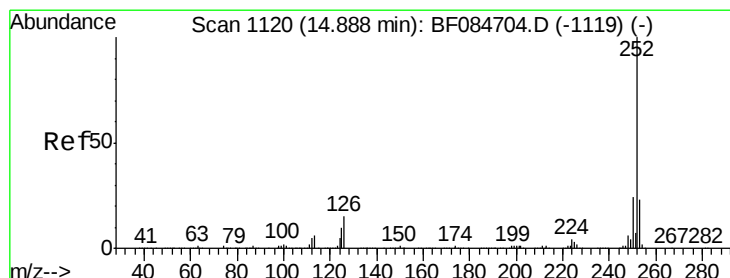
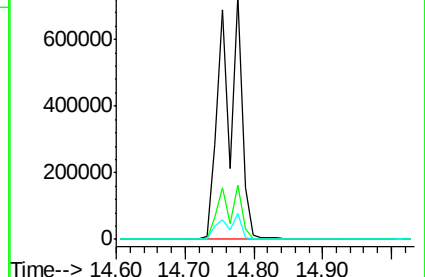
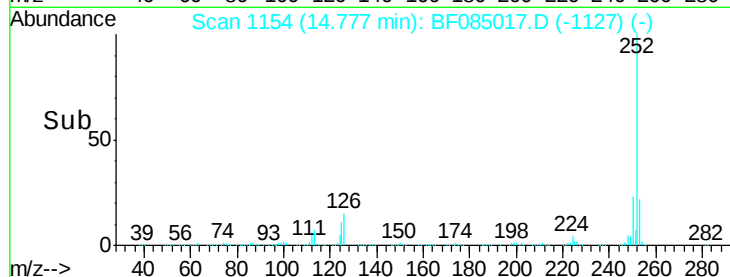
125 10.7 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 82.15 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

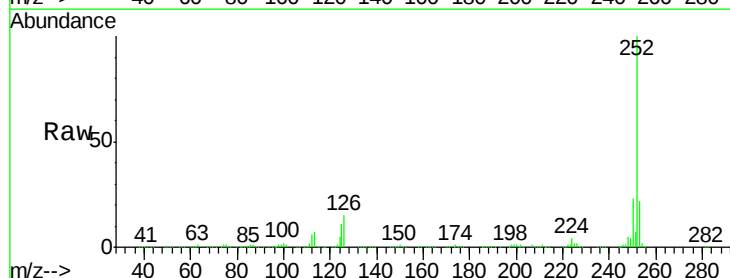
Tgt Ion:252 Resp: 1451653

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

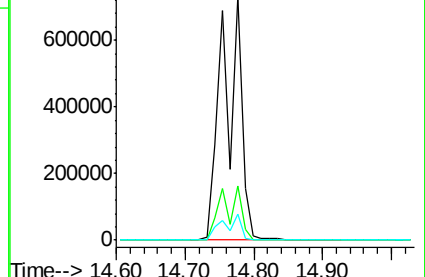
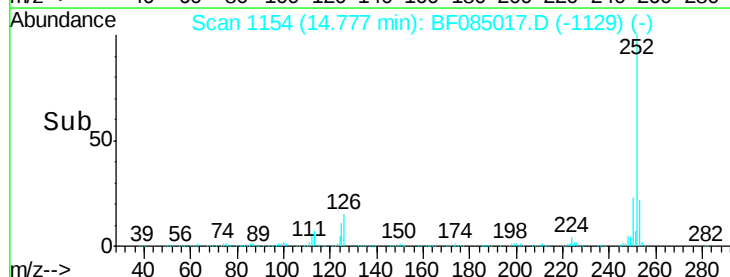
125 10.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.50 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

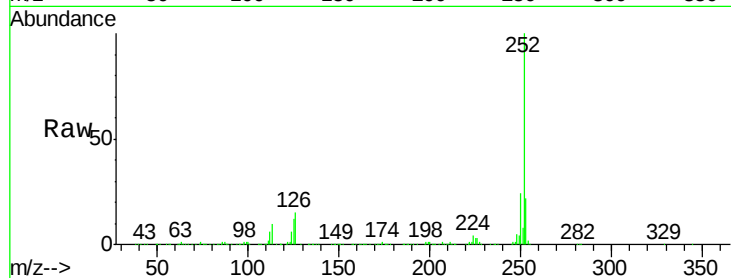
Tgt Ion:252 Resp: 664643

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

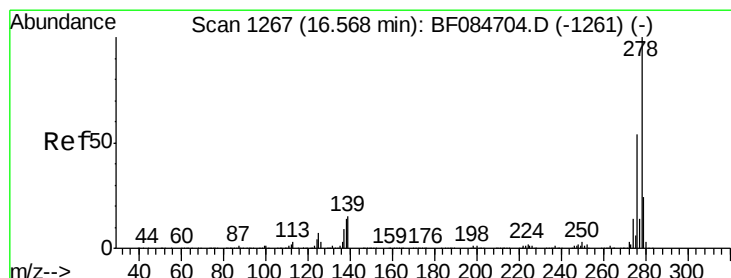
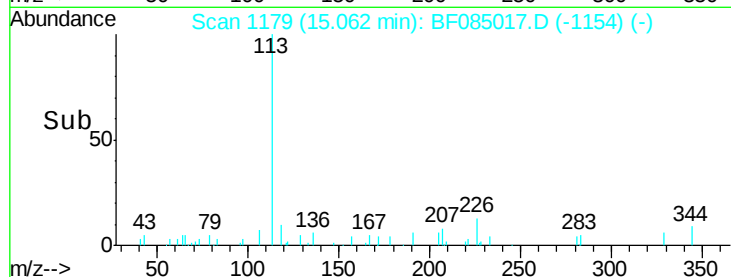
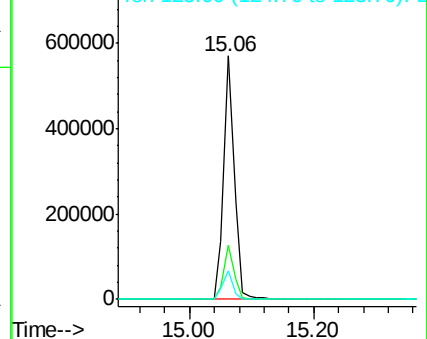
125 11.8 7.0 10.4#



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: 39.23 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

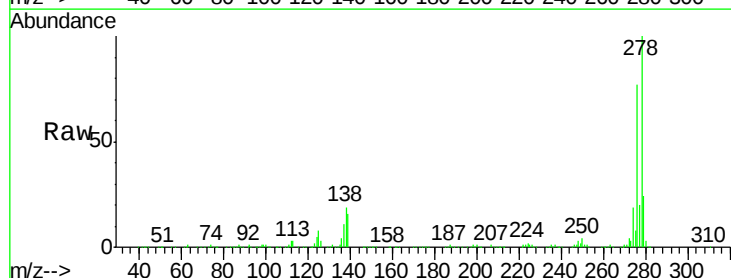
Tgt Ion:278 Resp: 601377

Ion Ratio Lower Upper

278 100

139 16.2 15.0 22.4

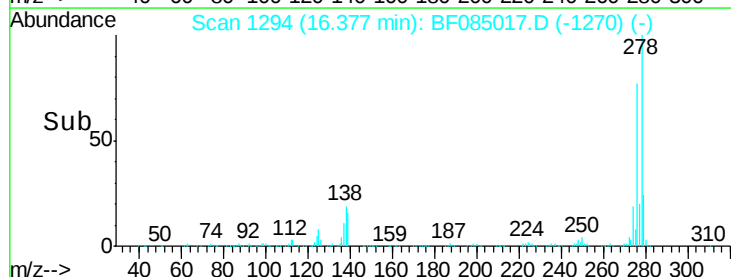
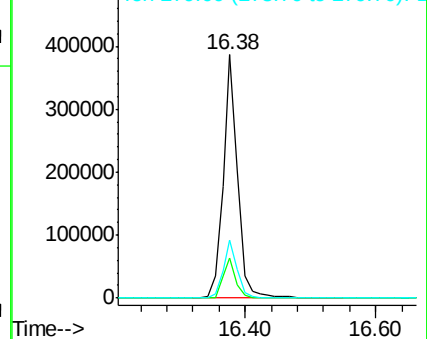
279 23.9 18.9 28.3

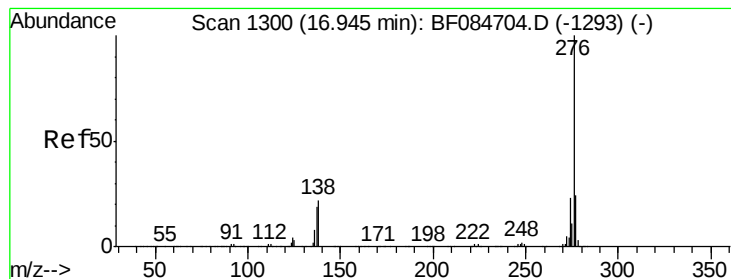


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.60 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085017.D

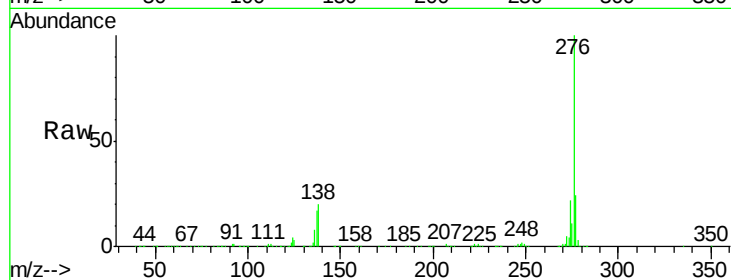
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD



Tgt Ion: 276 Resp: 626884

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 20.0 17.8 26.6

