

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081835.D
 Acq On : 26 Sep 2015 18:56
 Operator : UM/IZ
 Sample : G3779-01MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

Quant Time: Sep 28 03:17:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	112696	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	443748	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	221604	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	406681	20.00	ng	0.00
75) Chrysene-d12	14.13	240	259224	20.00	ng	0.01
86) Perylene-d12	15.59	264	301767	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	737794	110.75	ng	0.00
7) Phenol-d6	6.57	99	1057260	125.48	ng	0.00
23) Nitrobenzene-d5	7.51	82	634666	94.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	280019	145.55	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	980667	72.64	ng	-0.01
78) Terphenyl-d14	13.06	244	1005037	88.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	110578	33.54	ng	88
3) Pyridine	3.39	79	325348	34.98	ng	86
4) n-Nitrosodimethylamine	3.35	42	160389	36.54	ng	100
6) Aniline	6.61	93	128931	10.22	ng	92
8) 2-Chlorophenol	6.72	128	298545	40.67	ng	# 81
9) Benzaldehyde	6.49	77	90847	18.24	ng	91
10) Phenol	6.58	94	453857	46.37	ng	71
11) bis(2-Chloroethyl)ether	6.67	93	284798	39.68	ng	95
12) 1,3-Dichlorobenzene	6.88	146	363576	41.86	ng	# 95
13) 1,4-Dichlorobenzene	6.96	146	376469	42.84	ng	# 95
14) 1,2-Dichlorobenzene	6.96	146	376469	46.04	ng	98
15) Benzyl Alcohol	7.09	79	235982	35.51	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.22	45	503720	41.03	ng	86
17) 2-Methylphenol	7.19	107	259020	41.78	ng	# 84
18) Hexachloroethane	7.45	117	117806	41.16	ng	# 84
19) n-Nitroso-di-n-propylamine	7.36	70	229646	40.88	ng	# 78
20) 3+4-Methylphenols	7.35	107	343681	44.12	ng	# 66
22) Acetophenone	7.35	105	416627	42.81	ng	# 72
24) Nitrobenzene	7.53	77	367249	48.94	ng	# 78
25) Isophorone	7.77	82	617753	41.46	ng	# 96
26) 2-Nitrophenol	7.84	139	153736	56.41	ng	# 57
27) 2,4-Dimethylphenol	7.87	122	285113	42.19	ng	# 81
28) bis(2-Chloroethoxy)methane	7.98	93	369515	42.46	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	281427	44.74	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	314591	44.56	ng	99
31) Naphthalene	8.25	128	1527887	74.64	ng	96
32) Benzoic acid	7.87	122	285113	216.71	ng	# 31
33) 4-Chloroaniline	8.30	127	60070	6.69	ng	# 92
34) Hexachlorobutadiene	8.37	225	187526	45.03	ng	99
35) Caprolactam	8.67	113	75953	45.19	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	277790	44.07	ng	# 82
37) 2-Methylnaphthalene	8.94	142	738823	50.65	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	317351	44.87	ng	97
40) Hexachlorocyclopentadiene	9.10	237	148145	48.87	ng	97

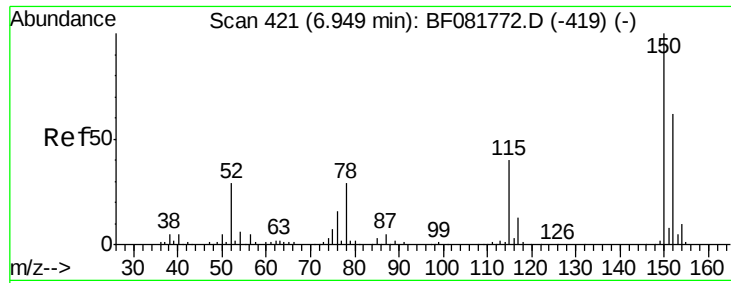
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	219922	47.19	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	219922	47.96	ng	95
45) 1,1'-Biphenyl	9.41	154	763406	44.06	ng	94
46) 2-Chloronaphthalene	9.43	162	561580	40.29	ng	# 92
47) 2-Nitroaniline	9.53	65	206080	55.59	ng	87
48) Acenaphthylene	9.85	152	1061784	45.01	ng	96
49) Dimethylphthalate	9.71	163	1053829	62.50	ng	# 98
50) 2,6-Dinitrotoluene	9.77	165	149670	45.98	ng	# 61
51) Acenaphthene	10.02	154	783323	57.62	ng	87
52) 3-Nitroaniline	9.93	138	61937	17.55	ng	# 53
53) 2,4-Dinitrophenol	10.05	184	38962	71.04	ng	# 83
54) Dibenzofuran	10.19	168	1131920	56.76	ng	# 88
55) 4-Nitrophenol	10.09	139	274247	112.65	ng	# 47
56) 2,4-Dinitrotoluene	10.17	165	197912	50.79	ng	# 76
57) Fluorene	10.54	166	897311	58.64	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.31	232	194868	55.68	ng	93
59) Diethylphthalate	10.41	149	711358	43.55	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	291844	41.54	ng	# 88
61) 4-Nitroaniline	10.55	138	138049	40.25	ng	# 41
62) Azobenzene	10.69	77	688188	41.21	ng	98
64) 4,6-Dinitro-2-methylphenol	10.58	198	52893	53.93	ng	# 58
65) n-Nitrosodiphenylamine	10.65	169	585437	42.69	ng	92
66) 4-Bromophenyl-phenylether	11.02	248	205454	45.37	ng	96
67) Hexachlorobenzene	11.07	284	209195	44.28	ng	# 85
68) Atrazine	11.18	200	195414	47.65	ng	82
69) Pentachlorophenol	11.28	266	250166	94.67	ng	99
70) Phenanthrene	11.51	178	2650478	114.00	ng	# 91
71) Anthracene	11.55	178	1332136	59.46	ng	94
72) Carbazole	11.70	167	996951	47.93	ng	# 93
73) Di-n-butylphthalate	12.03	149	1062560	41.97	ng	# 98
74) Fluoranthene	12.70	202	2502203	106.80	ng	90
76) Benzidine	12.81	184	331420	37.67	ng	# 98
77) Pyrene	12.93	202	2182705	111.68	ng	# 92
79) Butylbenzylphthalate	13.53	149	365599	46.94	ng	# 86
80) Benzo(a)anthracene	14.12	228	1561838	99.36	ng	94
81) 3,3'-Dichlorobenzidine	14.07	252	93108	18.65	ng	# 96
82) Chrysene	14.12	228	1561838	103.60	ng	96
83) Bis(2-ethylhexyl)phthalate	14.09	149	493665	52.27	ng	# 93
84) Di-n-octyl phthalate	14.71	149	785806	56.58	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.06	276	1132813	82.08	ng	# 85
87) Benzo(b)fluoranthene	15.17	252	2414716	134.94	ng	# 87
88) Benzo(k)fluoranthene	15.17	252	2414716	140.09	ng	# 88
89) Benzo(a)pyrene	15.53	252	1183825	73.27	ng	# 86
90) Dibenzo(a,h)anthracene	17.09	278	665718	39.54	ng	# 79
91) Benzo(g,h,i)perylene	17.52	276	948321	54.63	ng	# 75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

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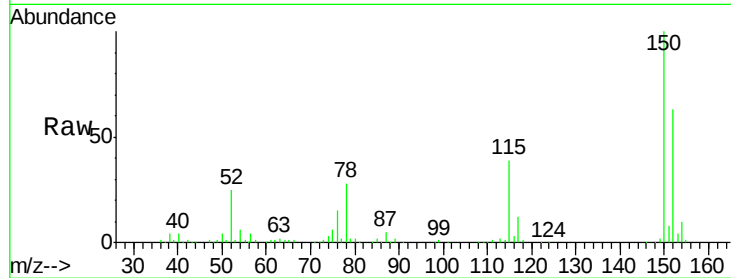
Tgt Ion:152 Resp: 112696

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

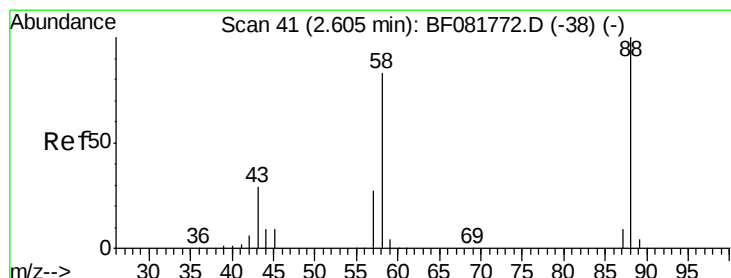
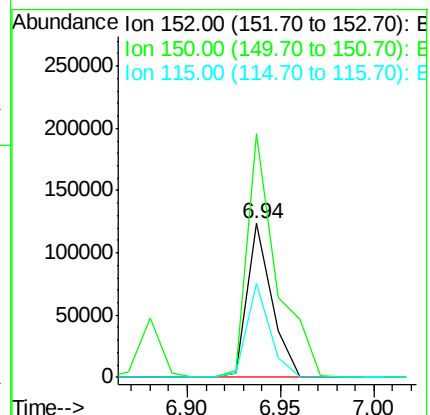
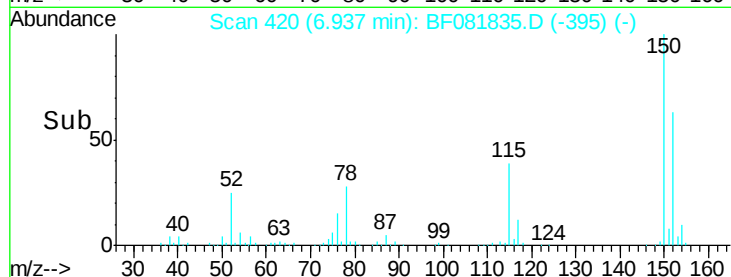
115 61.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.54 ng

RT: 2.64 min Scan# 44

Delta R.T. 0.03 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

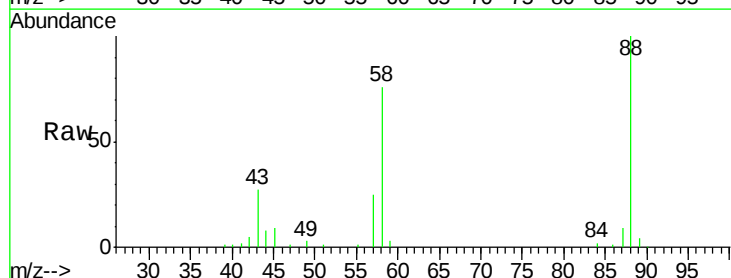
Tgt Ion: 88 Resp: 110578

Ion Ratio Lower Upper

88 100

58 83.6 77.7 116.5

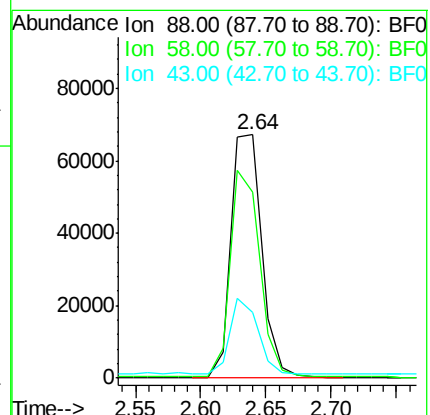
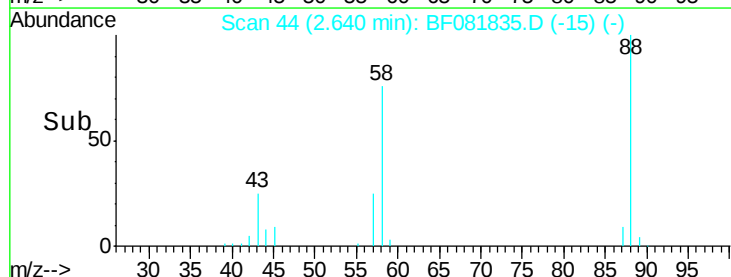
43 28.8 26.6 40.0

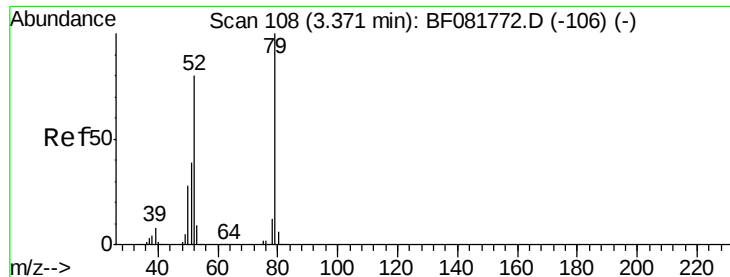


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.98 ng

RT: 3.39 min Scan# 110

Delta R.T. 0.02 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

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ClientSampleId :

S1-18MSD

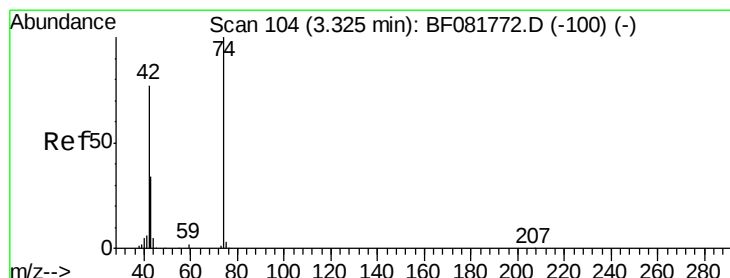
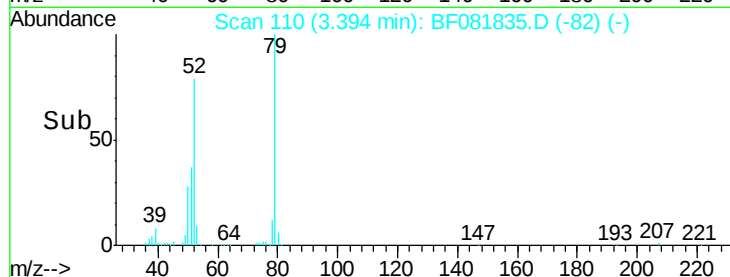
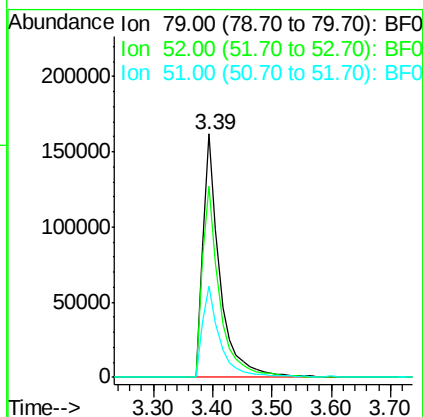
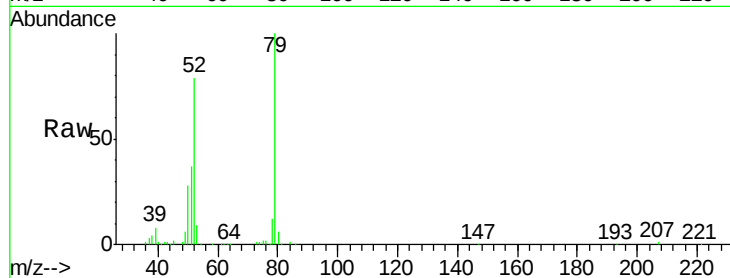
Tgt Ion: 79 Resp: 325348

Ion Ratio Lower Upper

79 100

52 78.5 76.8 115.2

51 37.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.54 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

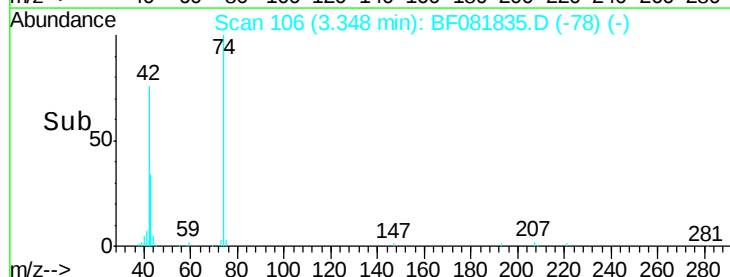
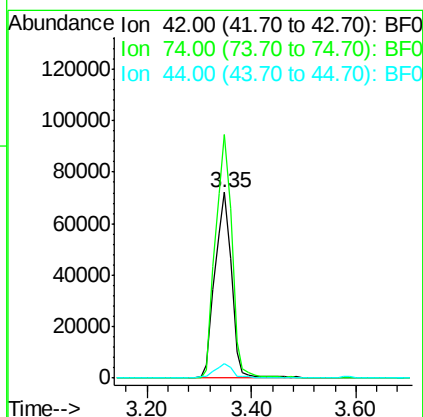
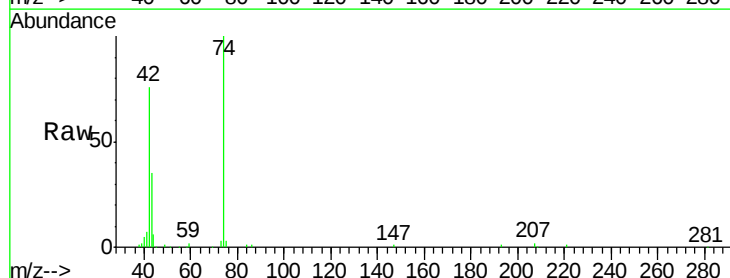
Tgt Ion: 42 Resp: 160389

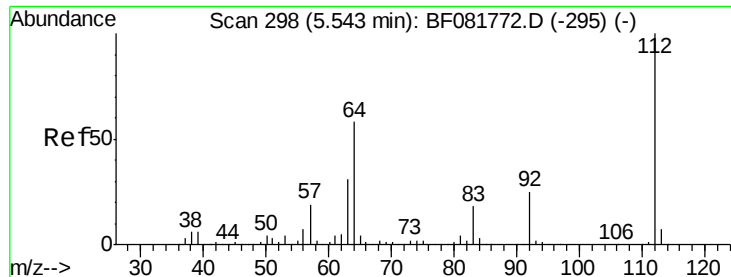
Ion Ratio Lower Upper

42 100

74 131.3 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 110.75 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

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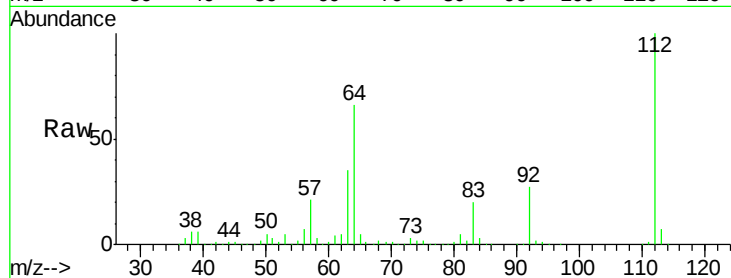
Tgt Ion: 112 Resp: 737794

Ion Ratio Lower Upper

112 100

64 65.5 39.7 59.5#

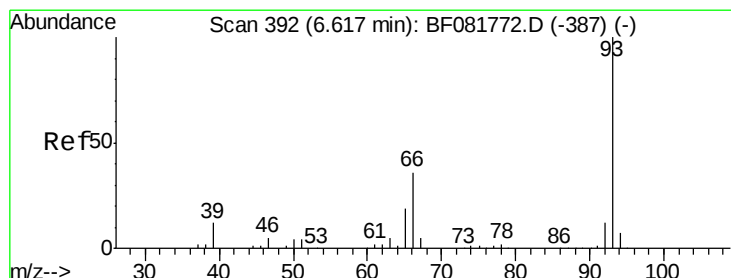
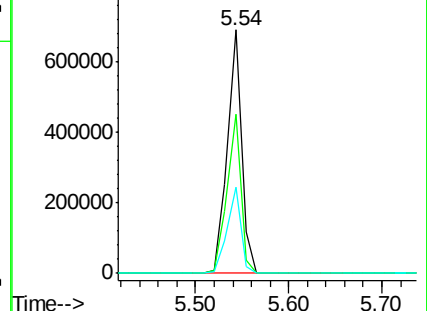
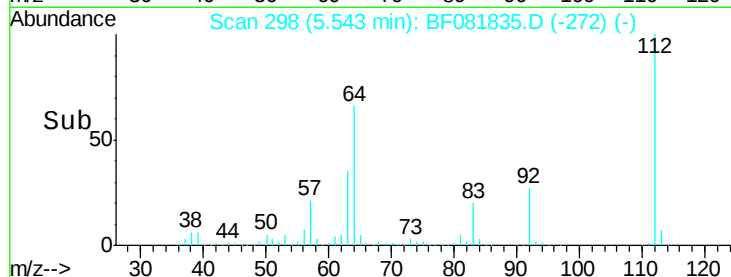
63 35.4 17.4 26.0#



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: 10.22 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

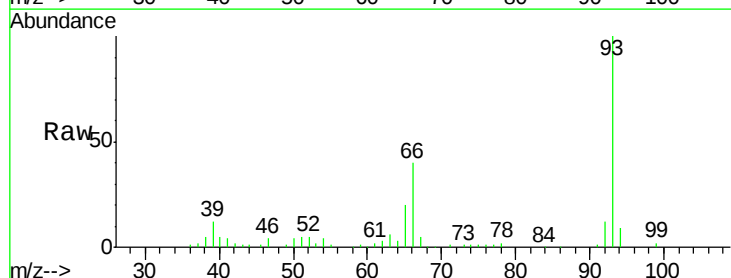
Tgt Ion: 93 Resp: 128931

Ion Ratio Lower Upper

93 100

66 39.6 27.2 40.8

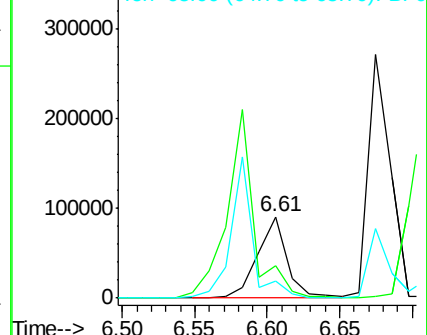
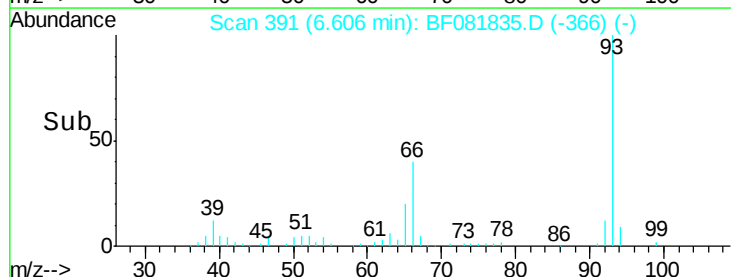
65 20.4 14.7 22.1

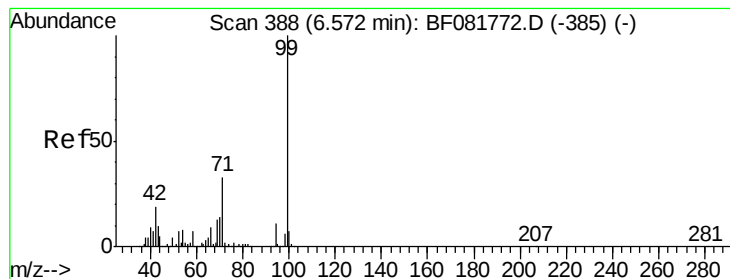


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.48 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

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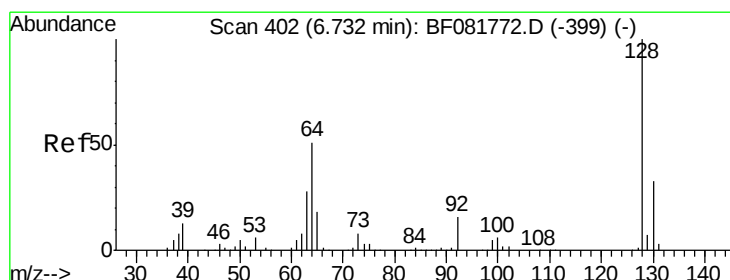
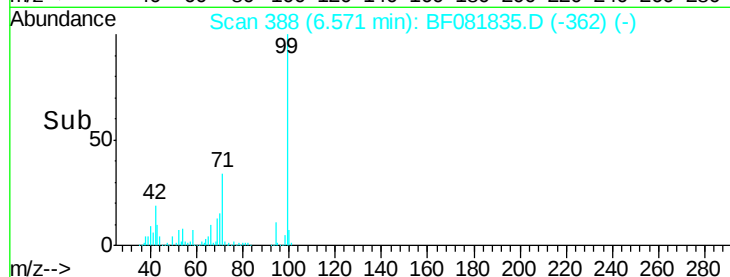
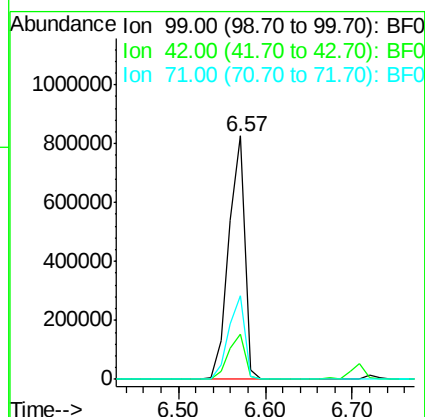
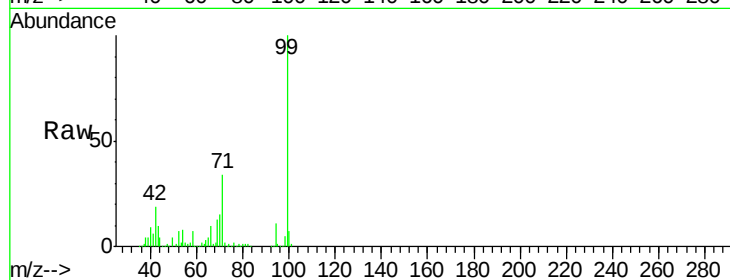
Tgt Ion: 99 Resp: 1057260

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

71 34.5 14.2 21.2#



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 6.72 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

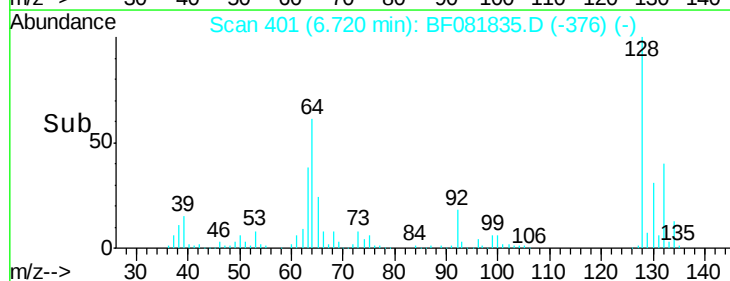
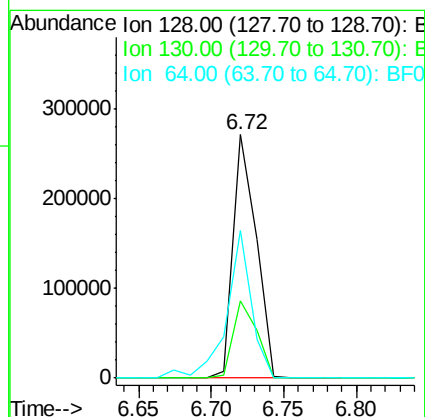
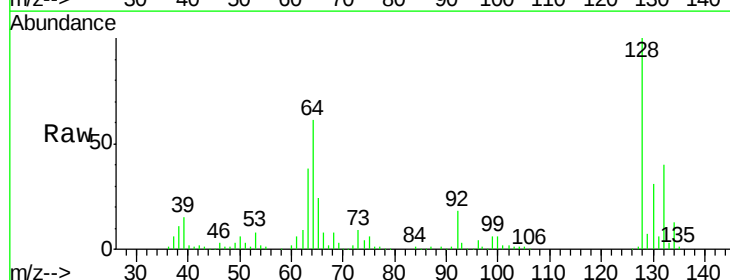
Tgt Ion: 128 Resp: 298545

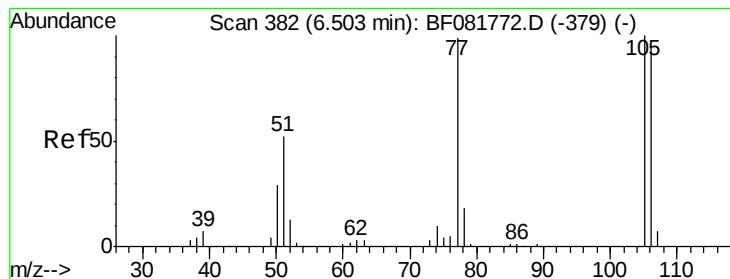
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

64 60.7 20.5 60.5#





#9

Benzaldehyde

Concen: 18.24 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081835.D

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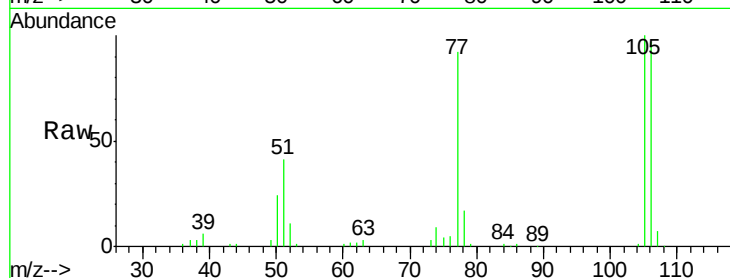
Tgt Ion: 77 Resp: 90847

Ion Ratio Lower Upper

77 100

105 109.0 91.6 131.6

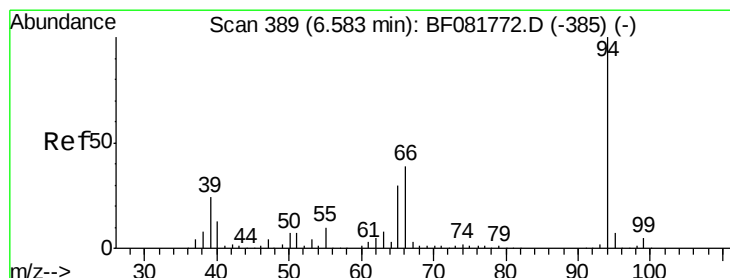
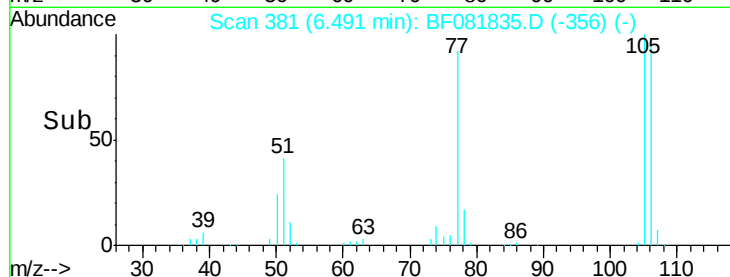
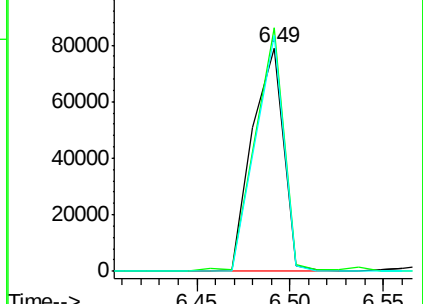
106 105.8 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 46.37 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

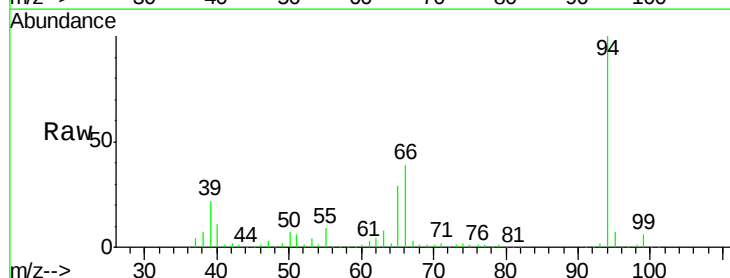
Tgt Ion: 94 Resp: 453857

Ion Ratio Lower Upper

94 100

65 29.2 0.7 40.7

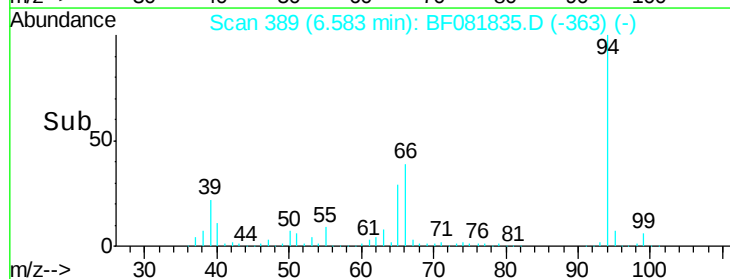
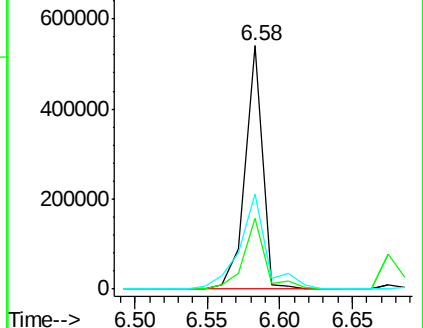
66 38.8 0.8 40.8

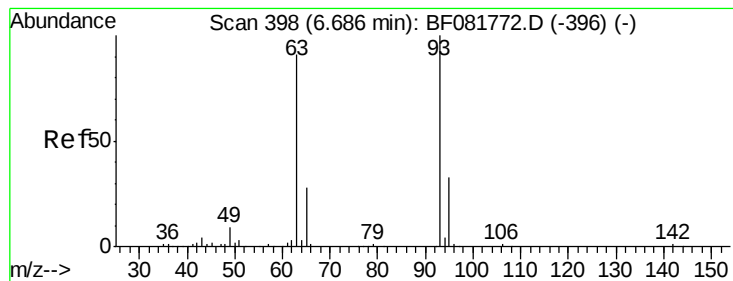


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.68 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

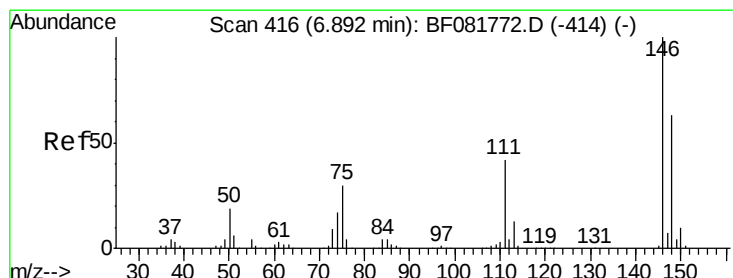
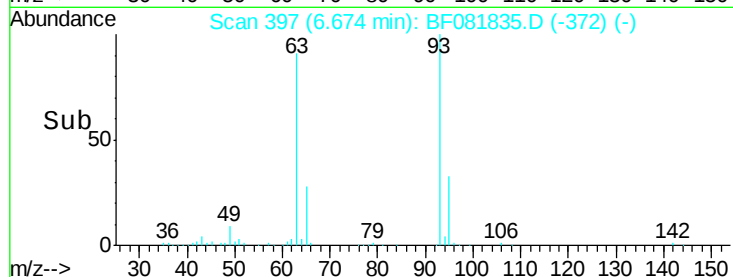
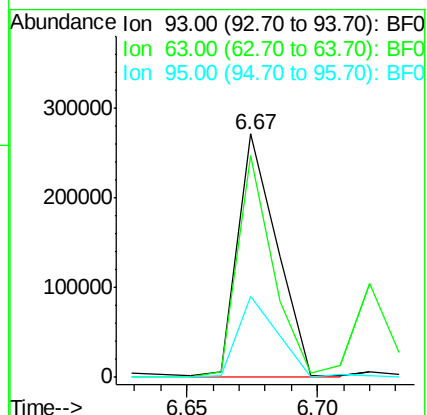
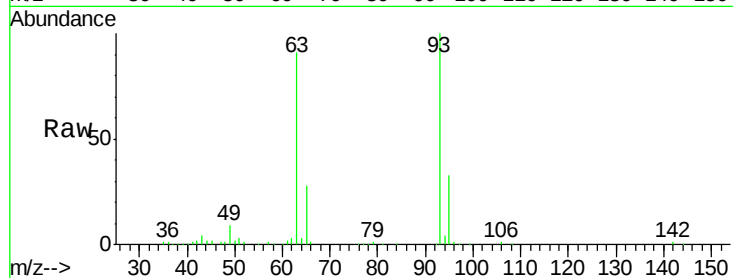
Tgt Ion: 93 Resp: 284798

Ion Ratio Lower Upper

93 100

63 91.3 65.6 105.6

95 33.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 41.86 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

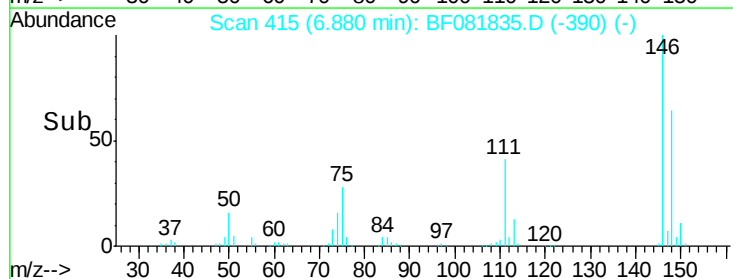
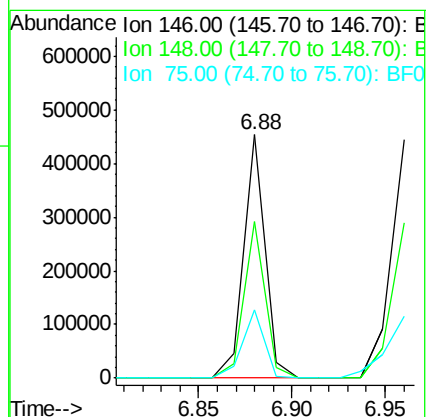
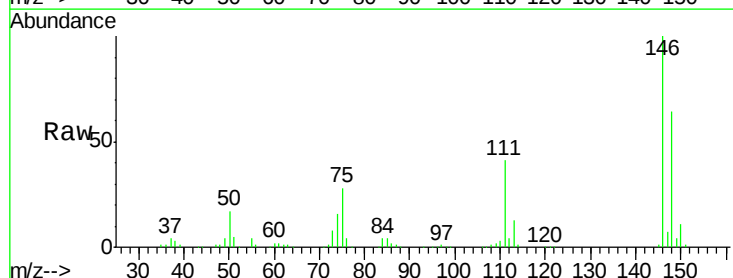
Tgt Ion: 146 Resp: 363576

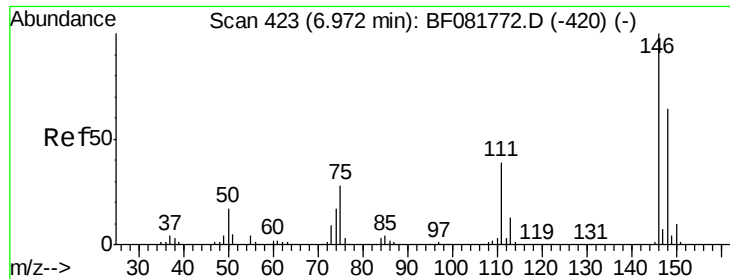
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 28.2 15.0 22.6#

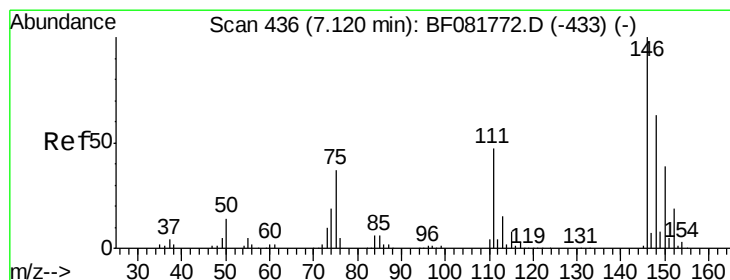
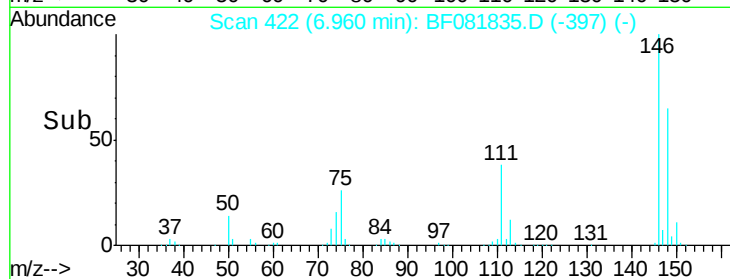
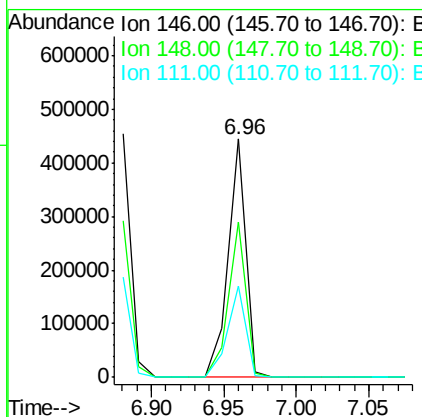
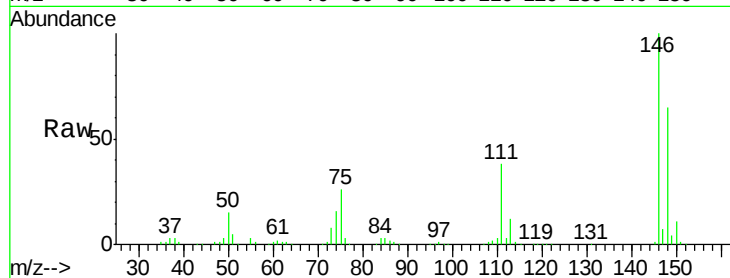




#13
 1,4-Dichlorobenzene
 Concen: 42.84 ng
 RT: 6.96 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

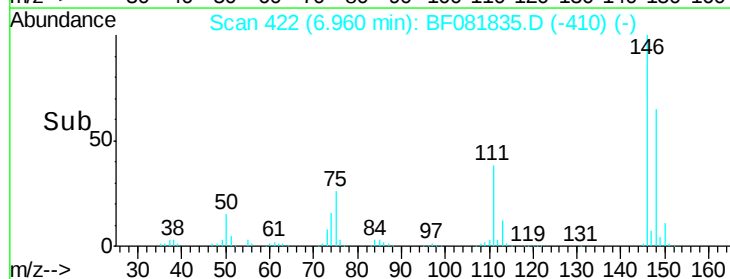
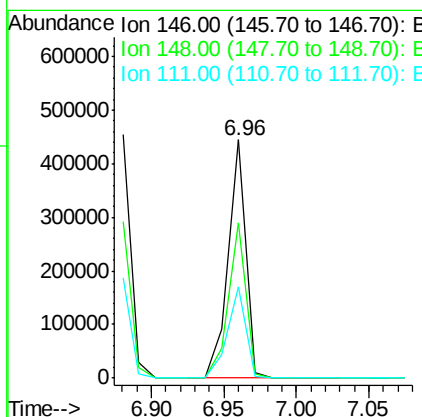
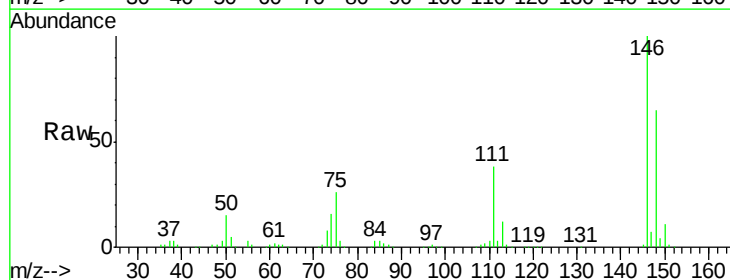
Instrument :
 BNA_F
 ClientSampled :
 S1-18MSD

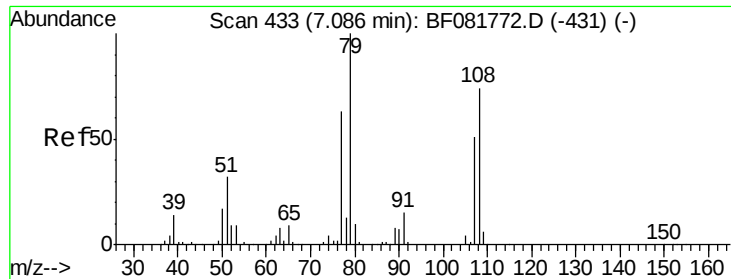
Tgt Ion:146 Resp: 376469
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.6
 111 38.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 46.04 ng
 RT: 6.96 min Scan# 422
 Delta R.T. -0.16 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion:146 Resp: 376469
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.7 79.1
 111 38.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.51 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

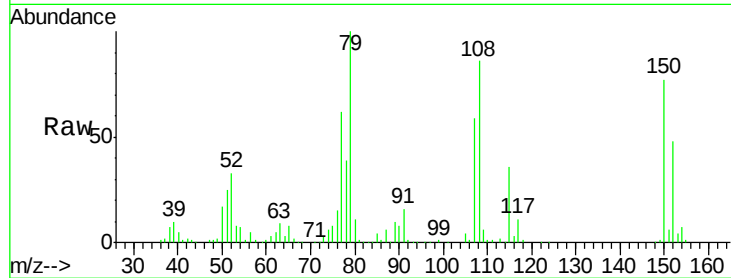
Tgt Ion: 79 Resp: 235982

Ion Ratio Lower Upper

79 100

108 86.0 88.6 132.8#

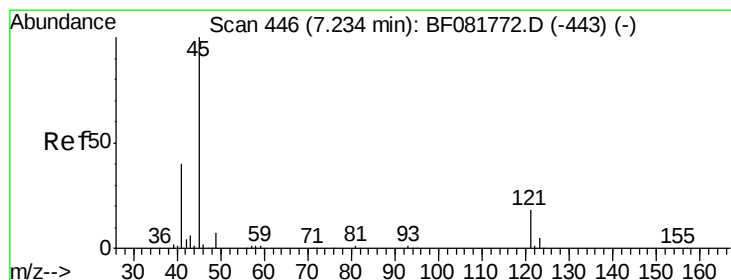
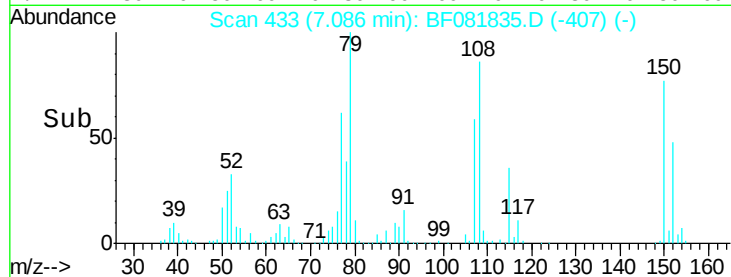
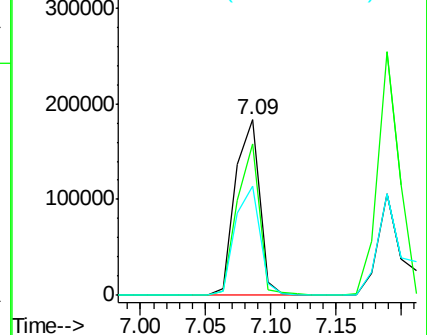
77 62.2 47.0 70.4



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: 41.03 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

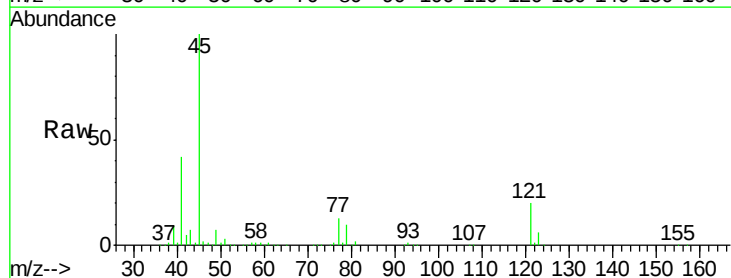
Tgt Ion: 45 Resp: 503720

Ion Ratio Lower Upper

45 100

77 13.3 0.0 28.1

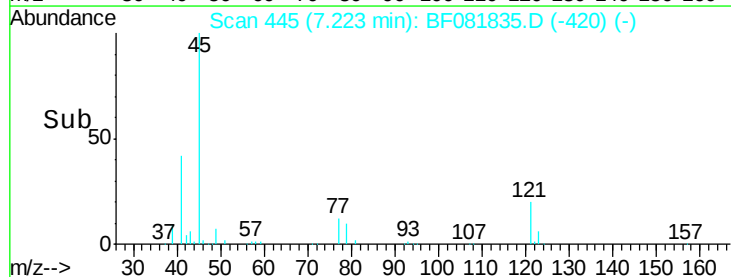
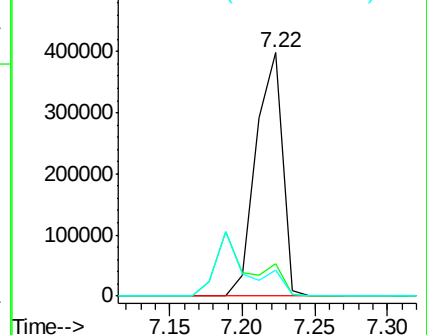
79 10.4 0.0 26.0

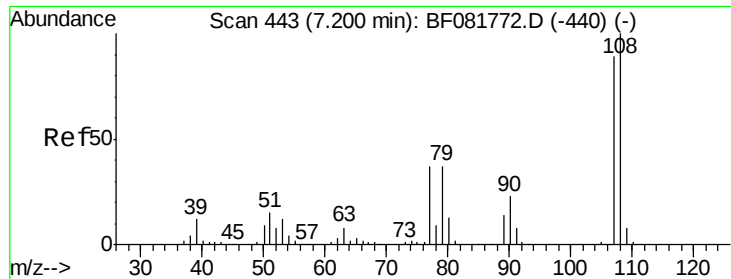


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

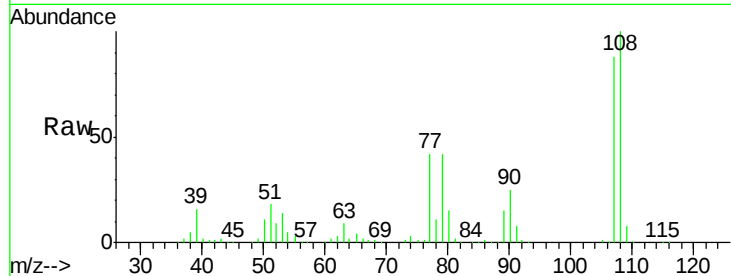




#17
2-Methylphenol
Concen: 41.78 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Instrument :
BNA_F
ClientSampleId :
S1-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	259020		
108	113.9	96.6	145.0	
77	47.5	23.3	34.9#	
79	47.3	22.0	33.0#	



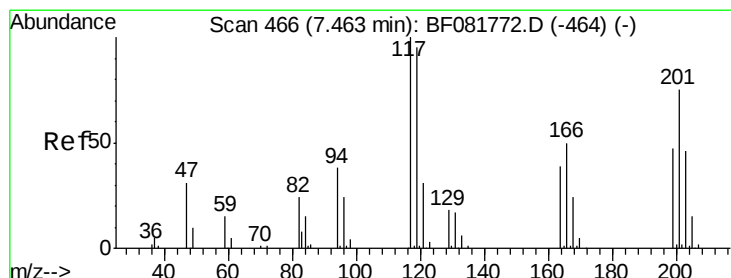
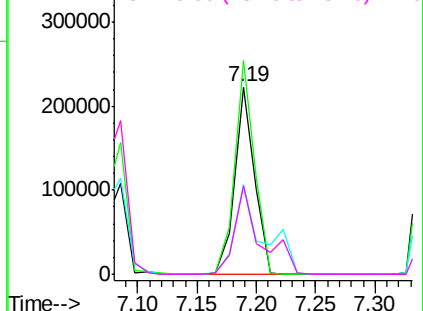
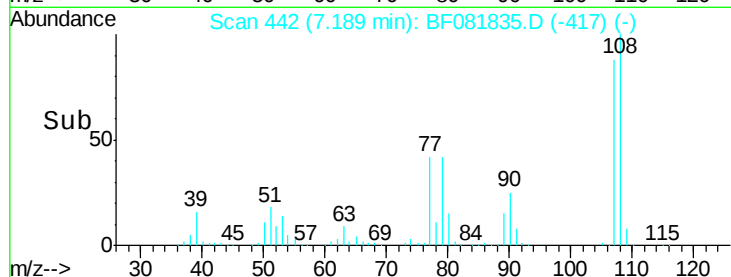
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

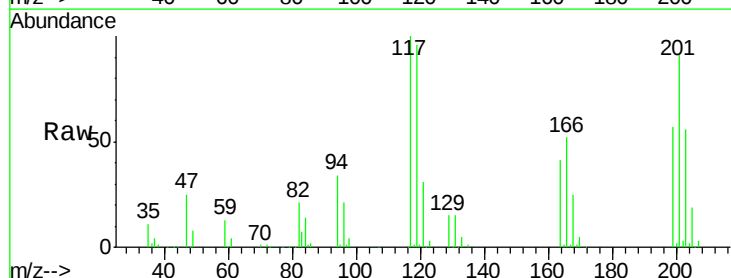
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.16 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117806		
119	95.9	83.8	125.6	
201	90.6	55.1	82.7#	

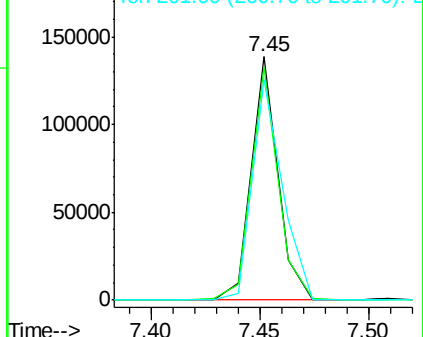
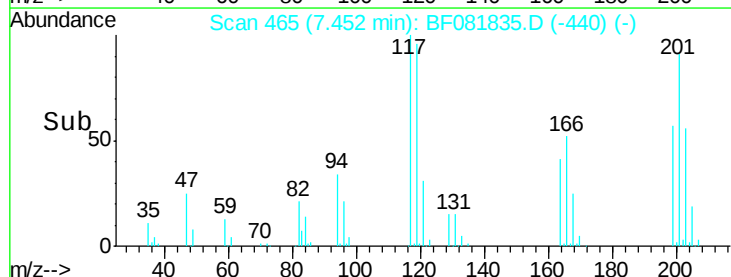


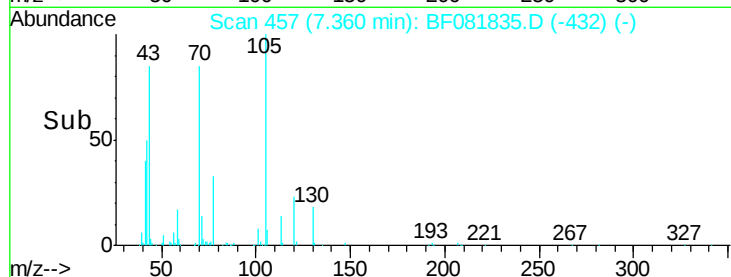
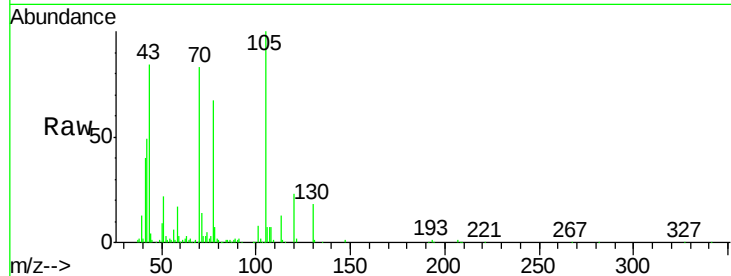
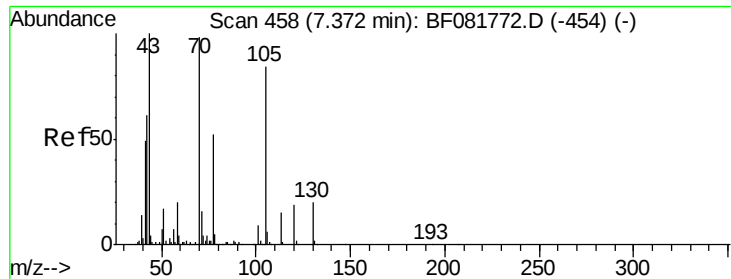
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

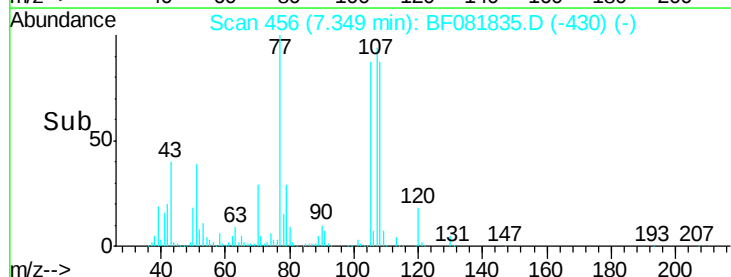
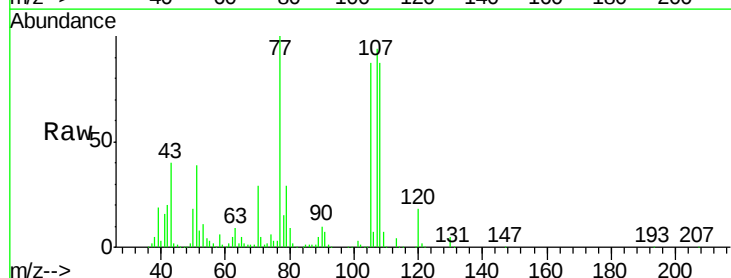
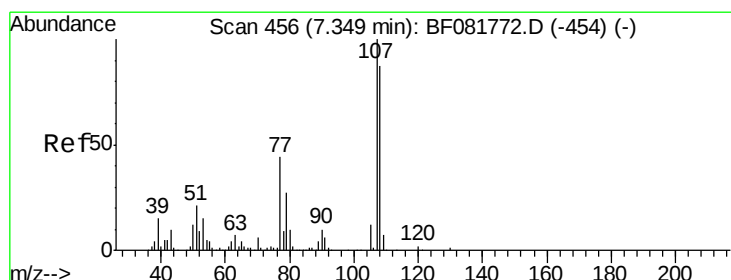
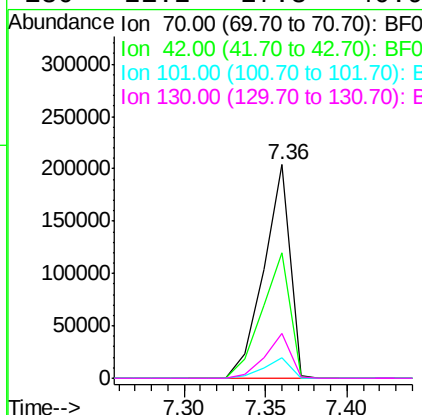




#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

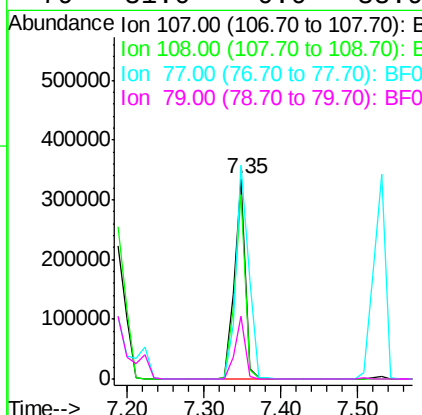
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

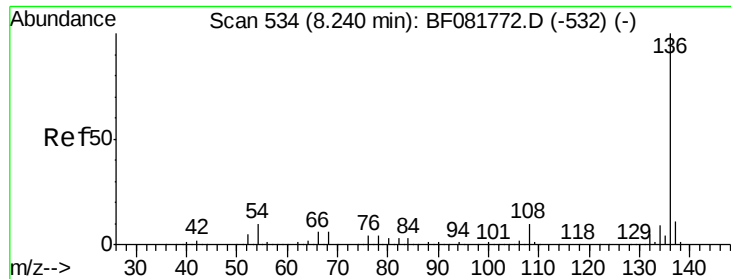
Tgt Ion:	70	Resp:	229646
Ion	Ratio	Lower	Upper
70	100		
42	58.7	63.8	95.6#
101	9.6	9.2	13.8
130	21.2	27.3	40.9#



#20
3+4-Methylphenols
Concen: 44.12 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:	107	Resp:	343681
Ion	Ratio	Lower	Upper
107	100		
108	92.2	74.6	114.6
77	106.6	0.7	40.7#
79	31.0	0.0	38.9

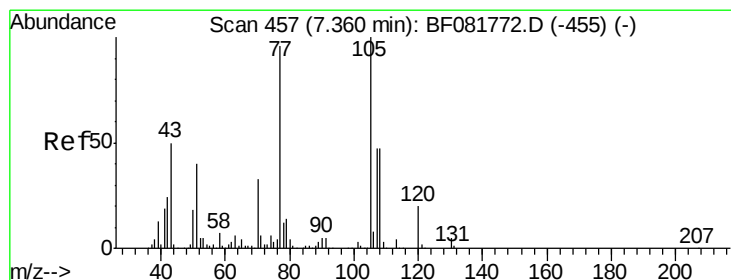
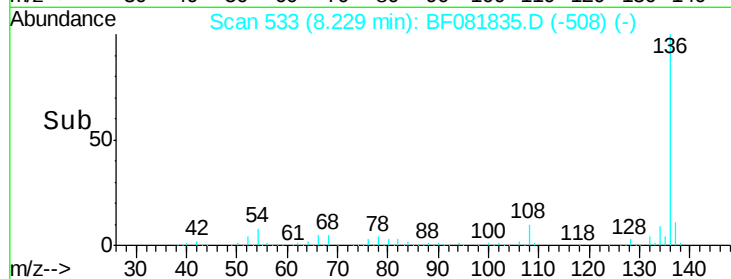
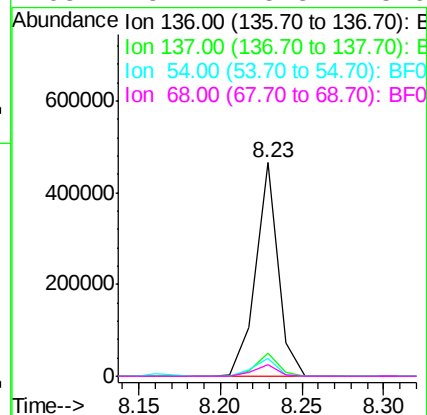
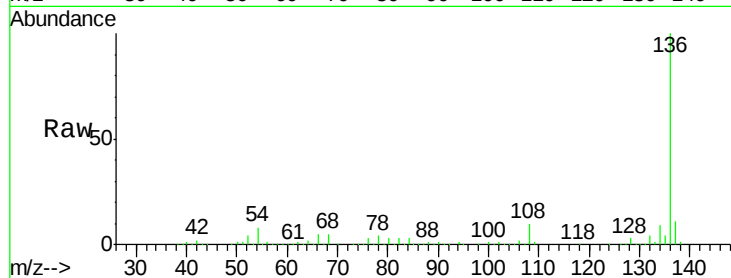




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

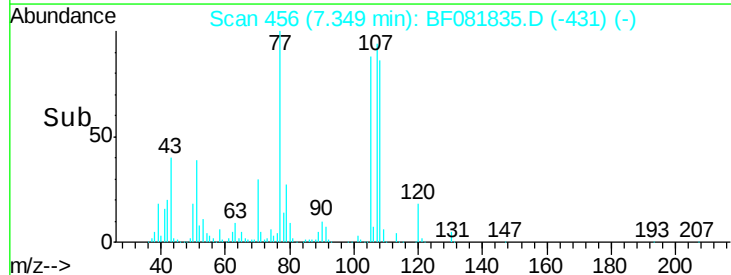
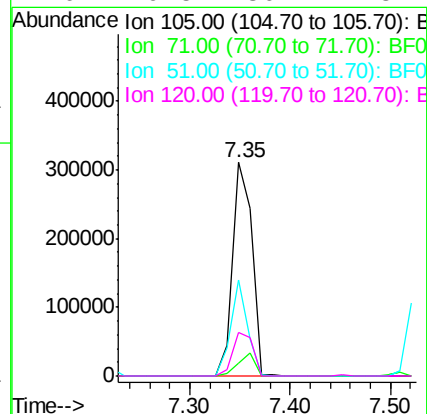
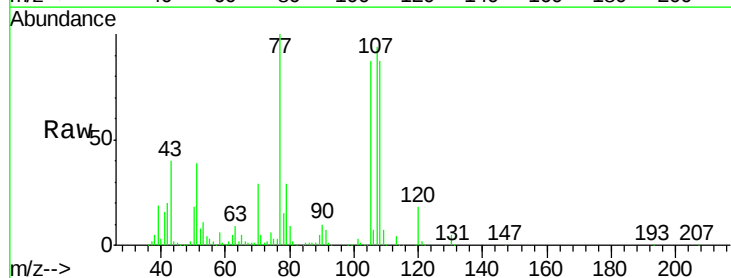
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

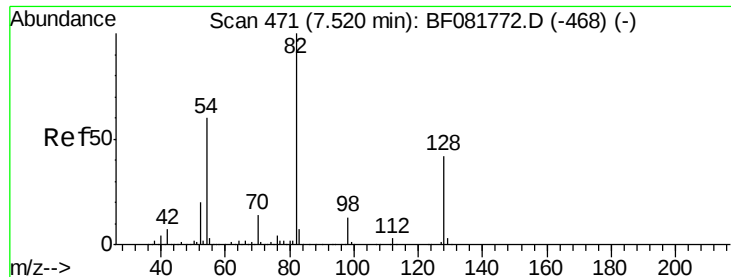
Tgt Ion:	136	Resp:	443748
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	8.3	8.2	12.2
68	5.4	5.8	8.6#



#22
Acetophenone
Concen: 42.81 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:	105	Resp:	416627
Ion Ratio	Lower	Upper	
105	100		
71	5.8	4.7	7.1
51	45.0	22.0	33.0#
120	20.5	30.1	45.1#

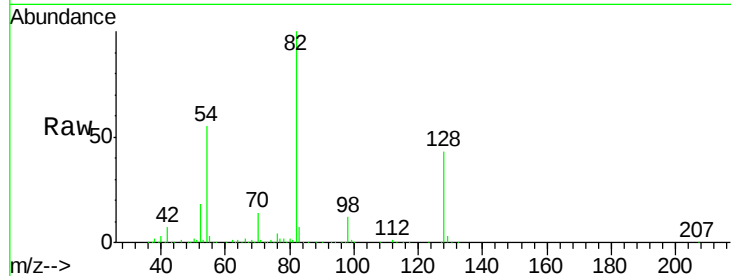




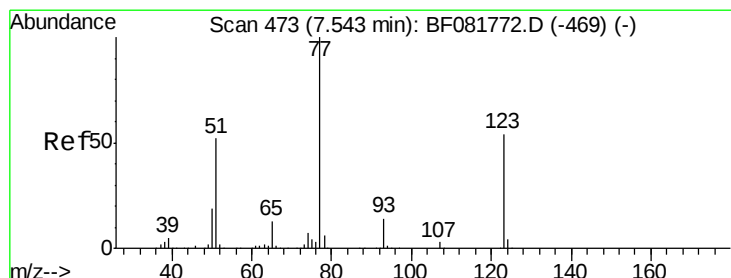
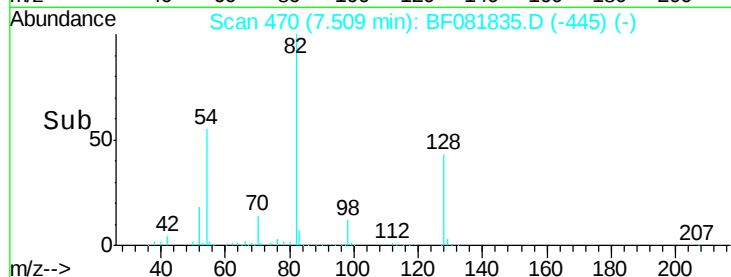
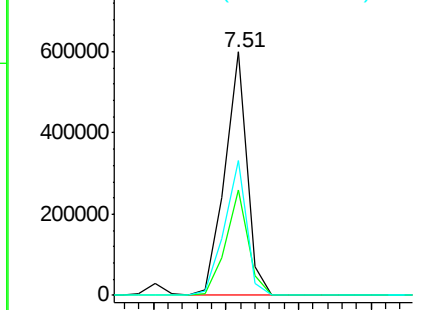
#23
 Nitrobenzene-d5
 Concen: 94.37 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

Tgt Ion: 82 Resp: 634666
 Ion Ratio Lower Upper
 82 100
 128 43.1 51.0 76.6#
 54 55.5 47.5 71.3

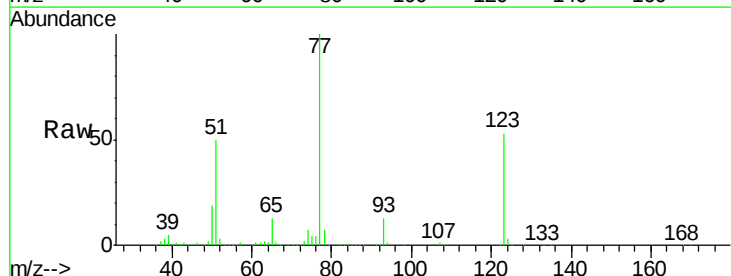


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

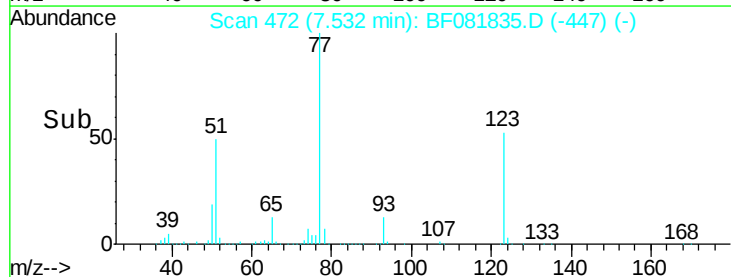
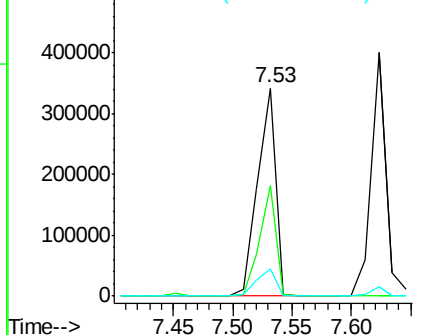


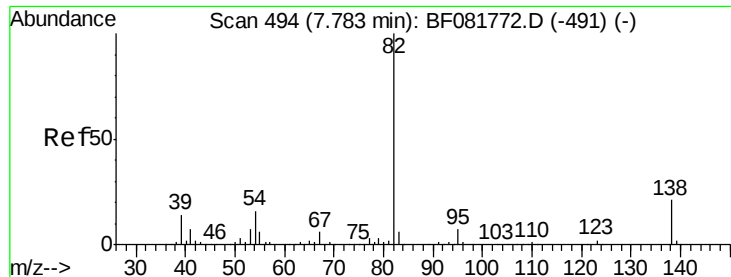
#24
 Nitrobenzene
 Concen: 48.94 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion: 77 Resp: 367249
 Ion Ratio Lower Upper
 77 100
 123 52.9 59.8 89.8#
 65 12.9 10.2 15.4



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

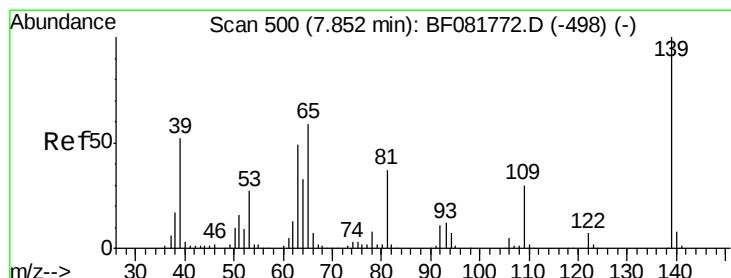
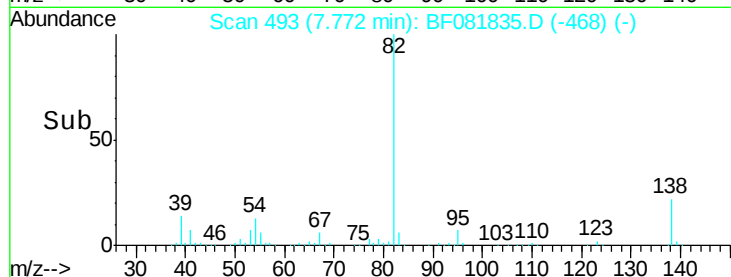
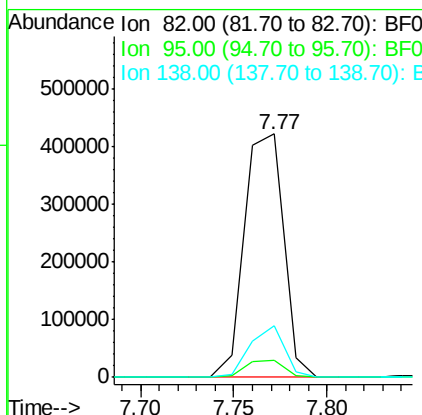
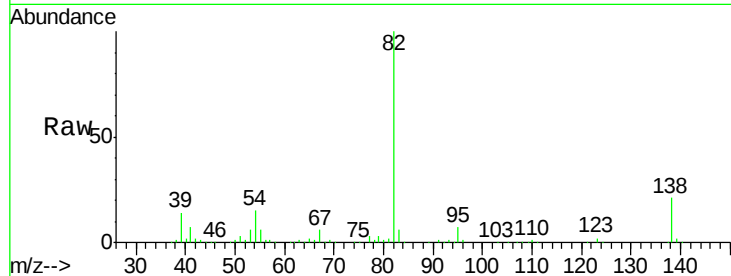




#25
Isophorone
Concen: 41.46 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

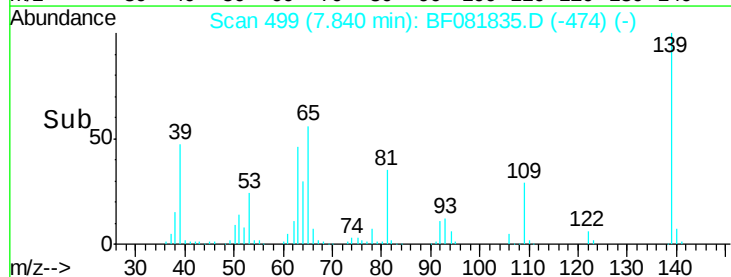
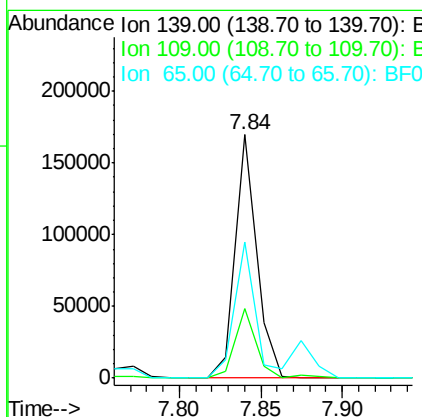
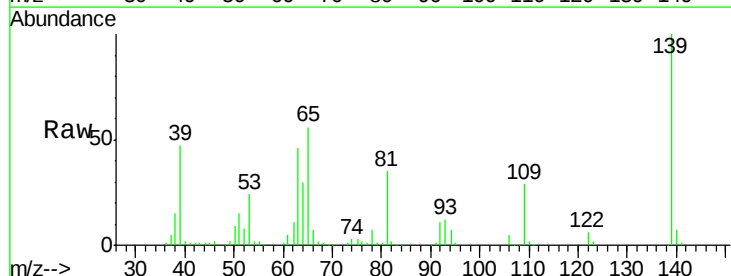
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

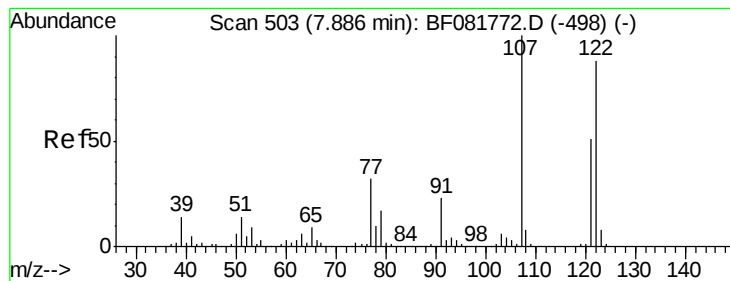
Tgt Ion: 82 Resp: 617753
Ion Ratio Lower Upper
82 100
95 7.2 4.0 6.0#
138 21.2 18.3 27.5



#26
2-Nitrophenol
Concen: 56.41 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion: 139 Resp: 153736
Ion Ratio Lower Upper
139 100
109 28.7 11.0 16.4#
65 55.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 42.19 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

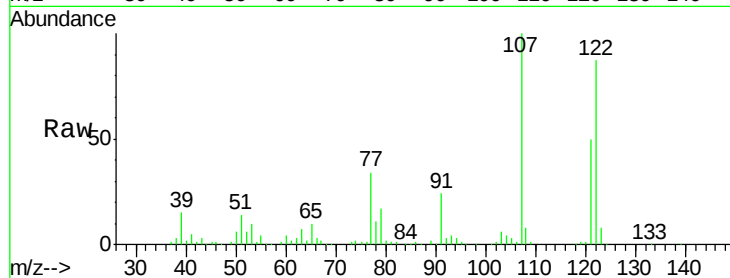
Tgt Ion:122 Resp: 285113

Ion Ratio Lower Upper

122 100

107 114.9 71.8 107.6#

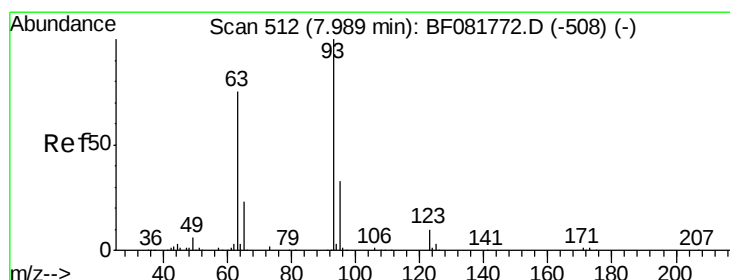
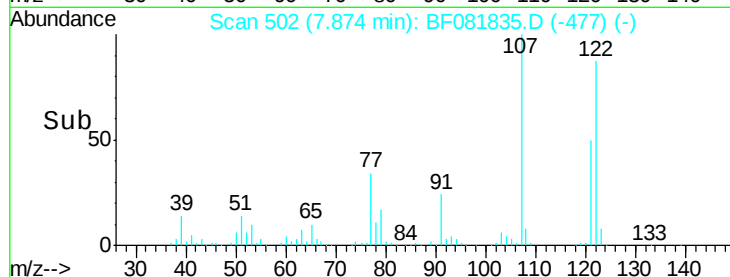
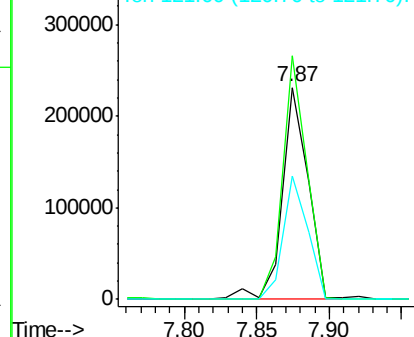
121 57.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.46 ng

RT: 7.98 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

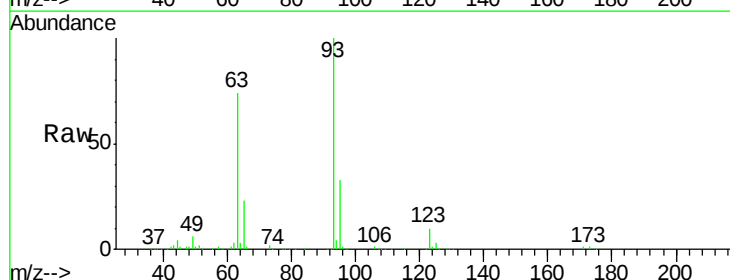
Tgt Ion: 93 Resp: 369515

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

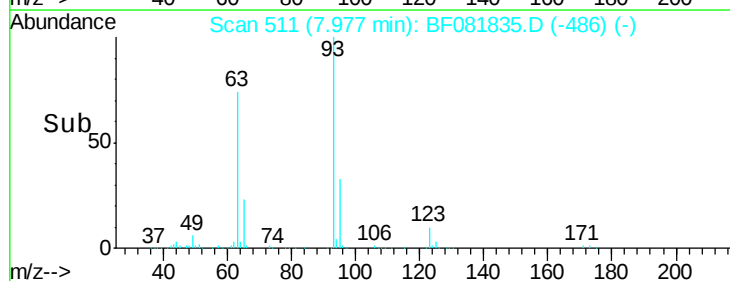
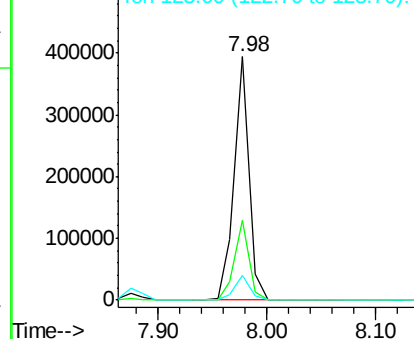
123 10.2 13.7 20.5#

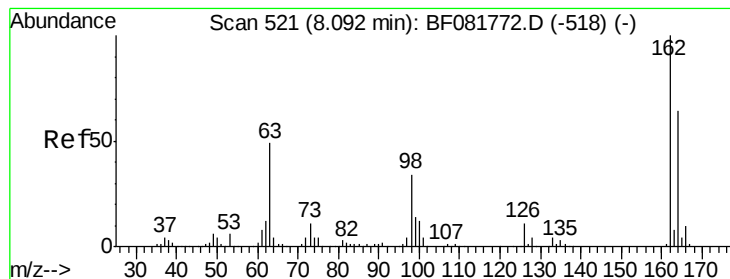


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.74 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

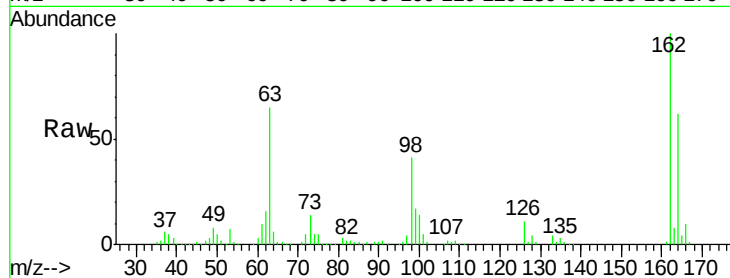
Tgt Ion:162 Resp: 281427

Ion Ratio Lower Upper

162 100

164 62.5 44.9 84.9

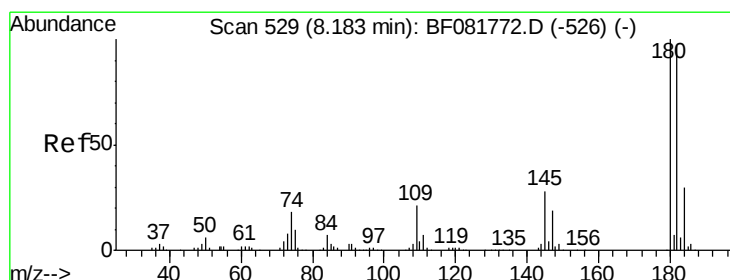
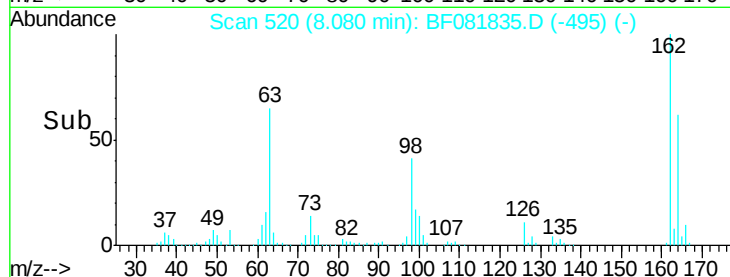
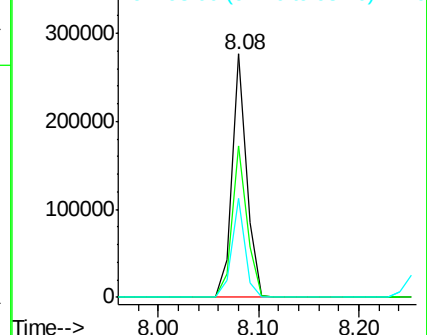
98 40.9 13.0 53.0



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: 44.56 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

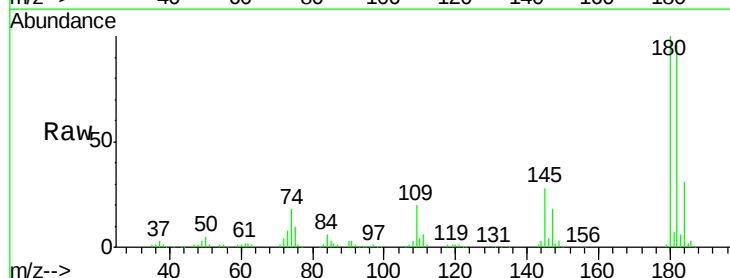
Tgt Ion:180 Resp: 314591

Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

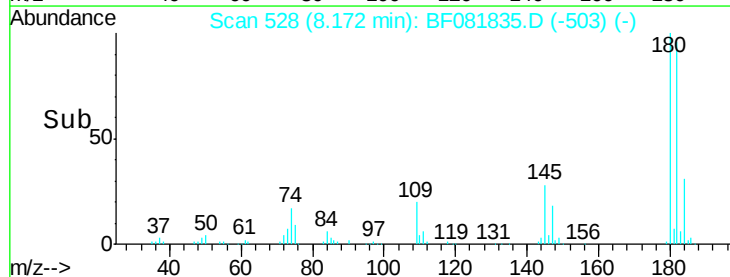
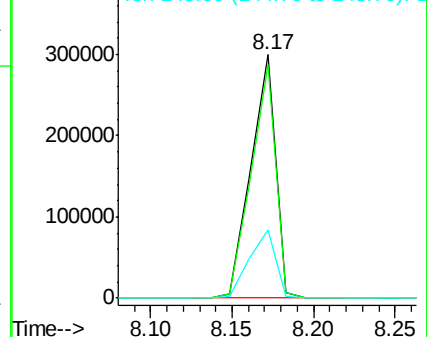
145 27.8 23.3 34.9

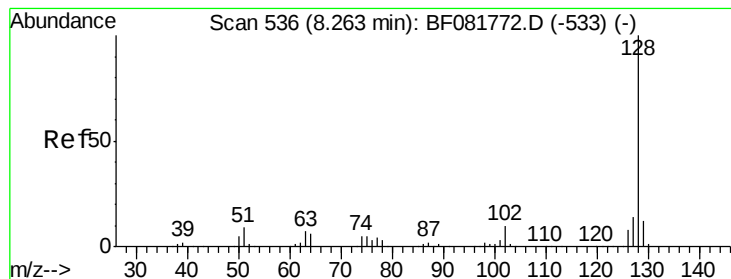


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 74.64 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

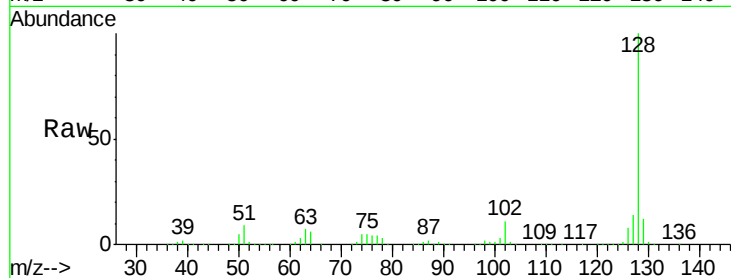
Tgt Ion:128 Resp: 1527887

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

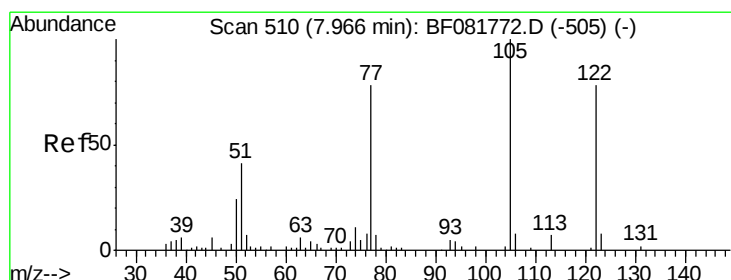
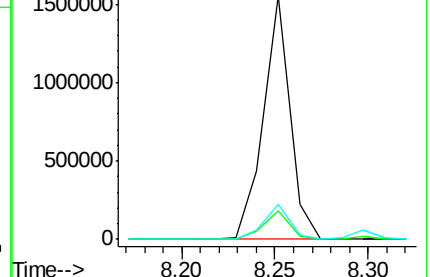
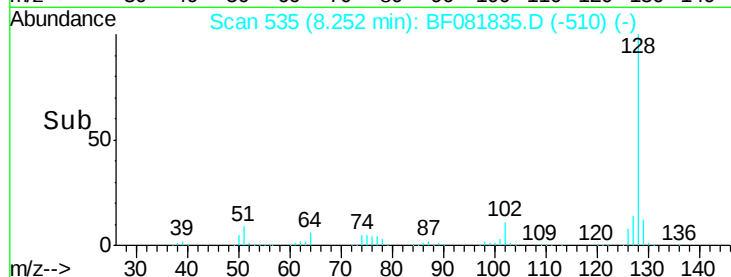
127 14.2 9.9 14.9



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: 216.71 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

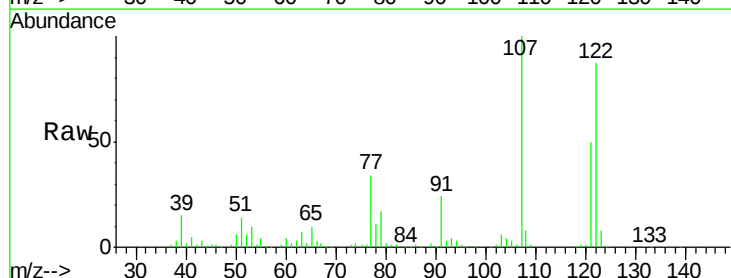
Tgt Ion:122 Resp: 285113

Ion Ratio Lower Upper

122 100

105 3.8 76.1 116.1#

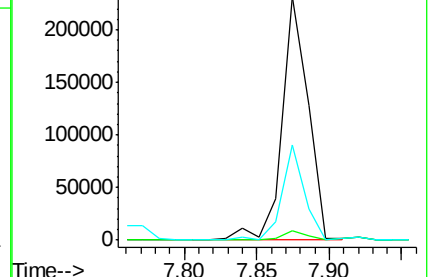
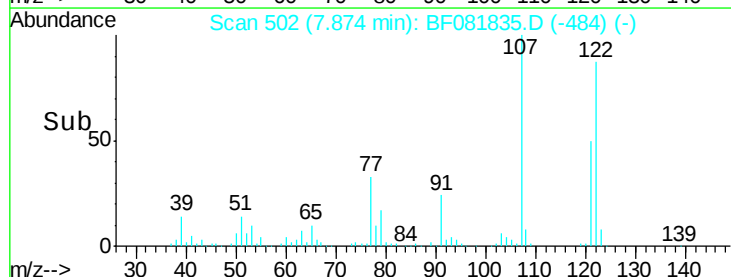
77 39.3 40.5 80.5#

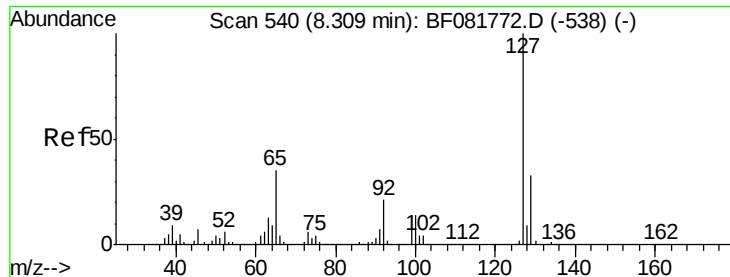


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

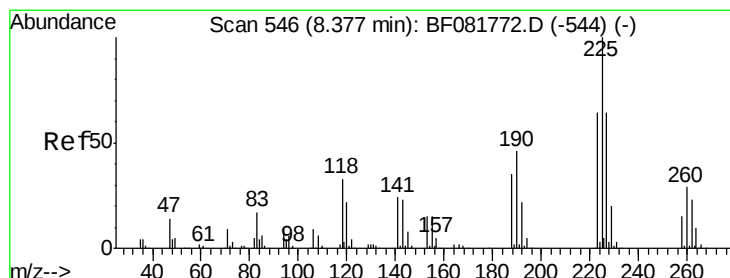
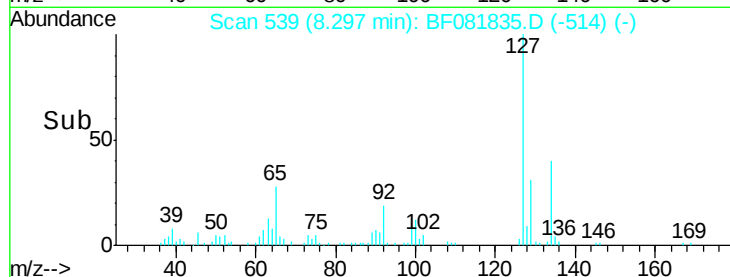
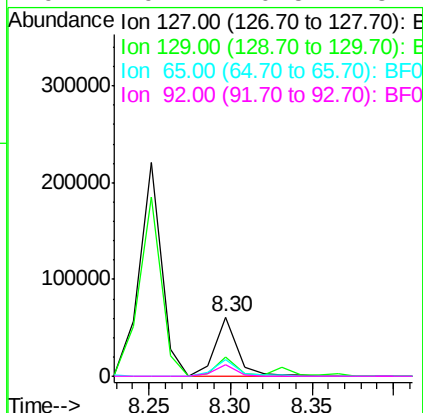
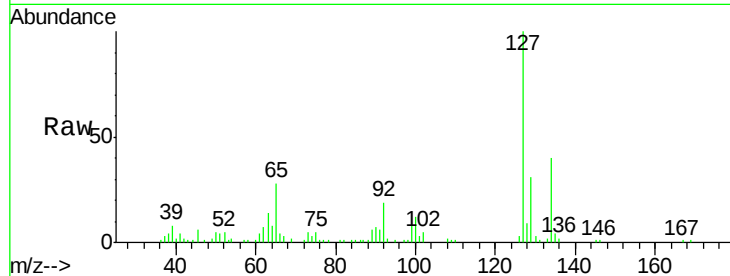




#33
4-Chloroaniline
Concen: 6.69 ng
RT: 8.30 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

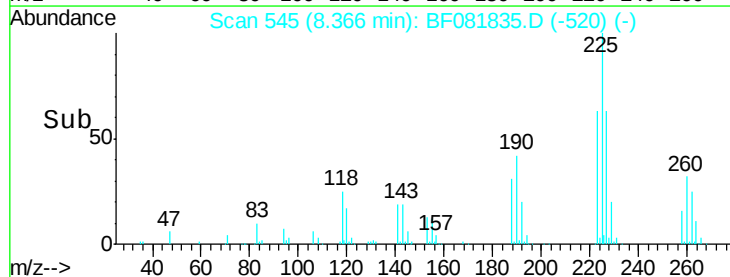
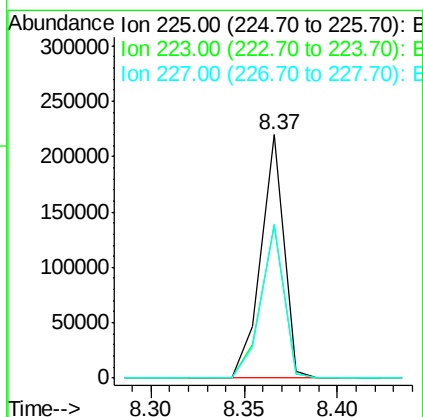
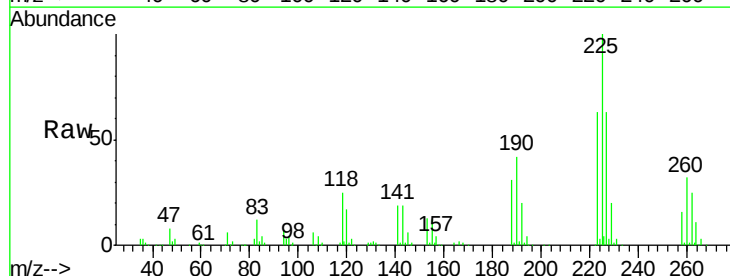
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

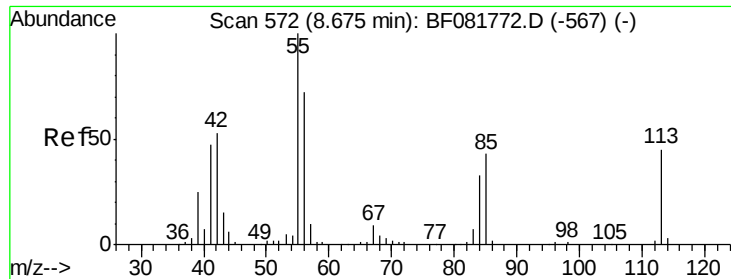
Tgt Ion:127 Resp: 60070
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.6
65 28.3 17.9 26.9#
92 19.1 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 45.03 ng
RT: 8.37 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:225 Resp: 187526
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.4 52.2 78.2

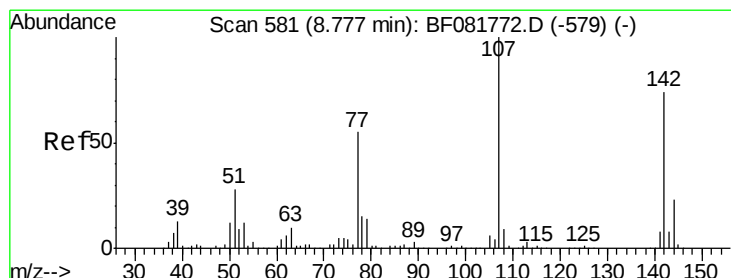
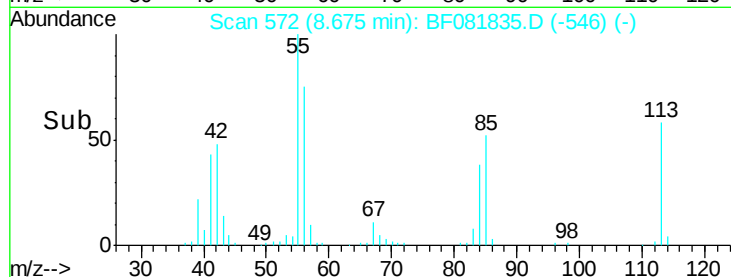
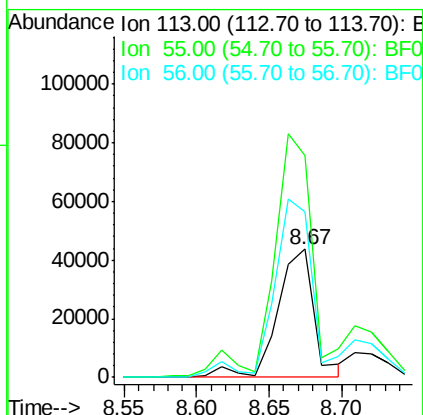
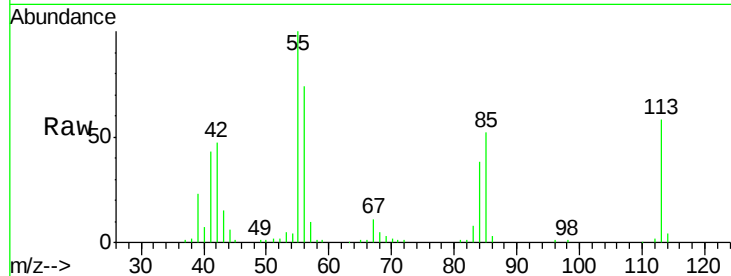




#35
 Caprolactam
 Concen: 45.19 ng
 RT: 8.67 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

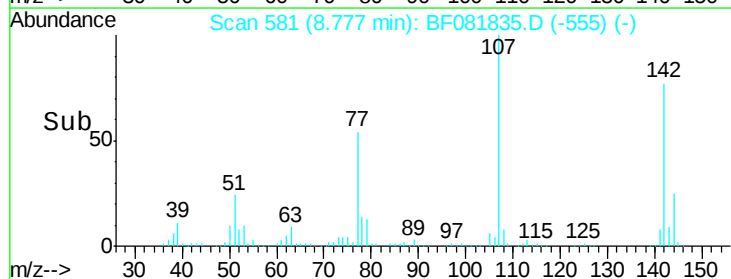
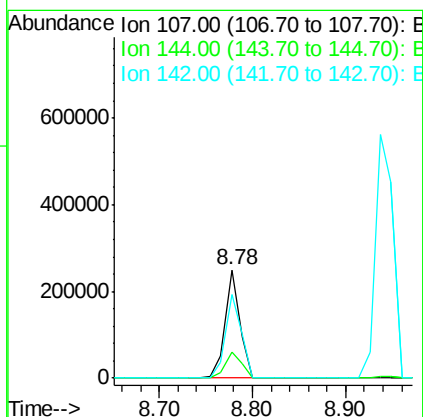
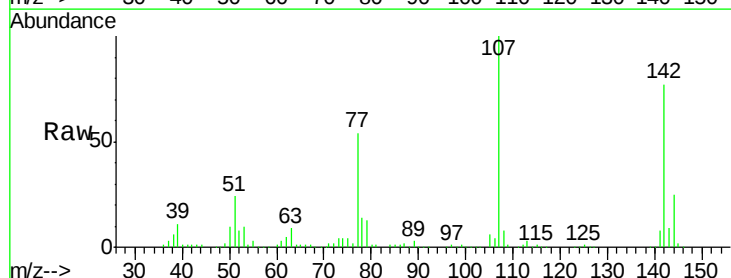
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

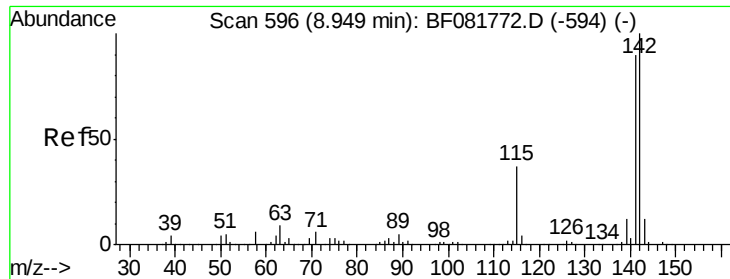
Tgt Ion:113 Resp: 75953
 Ion Ratio Lower Upper
 113 100
 55 173.2 152.4 192.4
 56 128.9 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.07 ng
 RT: 8.78 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion:107 Resp: 277790
 Ion Ratio Lower Upper
 107 100
 144 24.5 25.4 38.0#
 142 77.0 77.3 115.9#

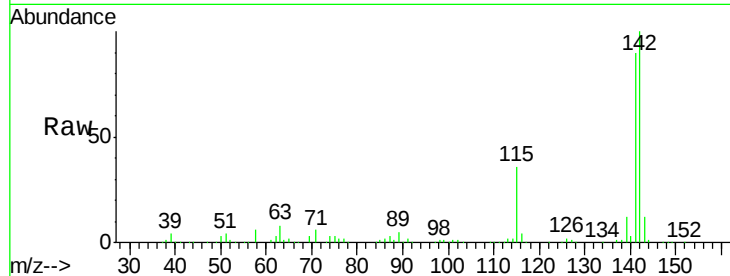




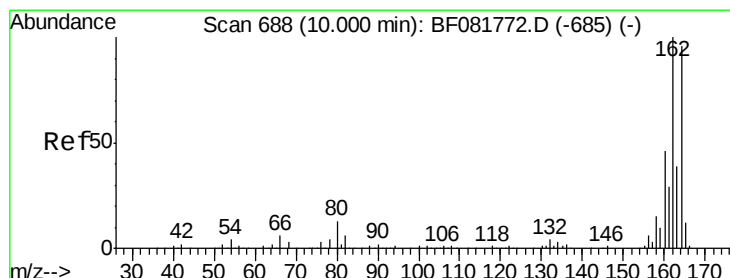
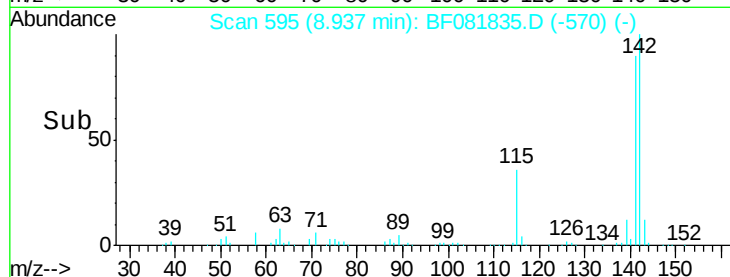
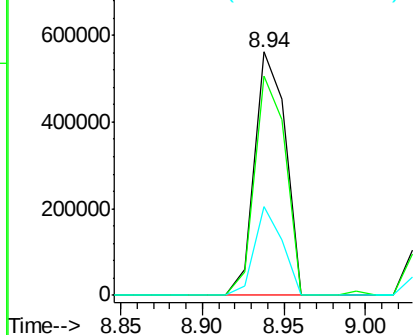
#37
 2-Methylnaphthalene
 Concen: 50.65 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

Tgt Ion:142 Resp: 738823
 Ion Ratio Lower Upper
 142 100
 141 90.0 67.5 101.3
 115 36.4 18.2 27.2#

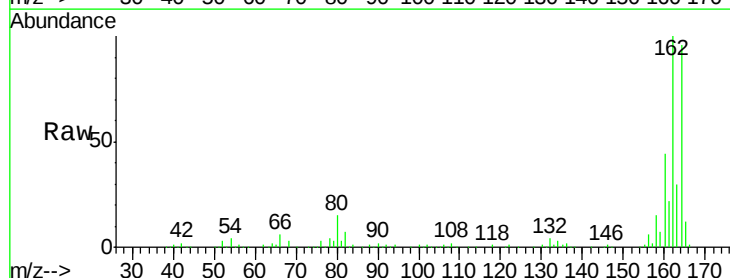


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

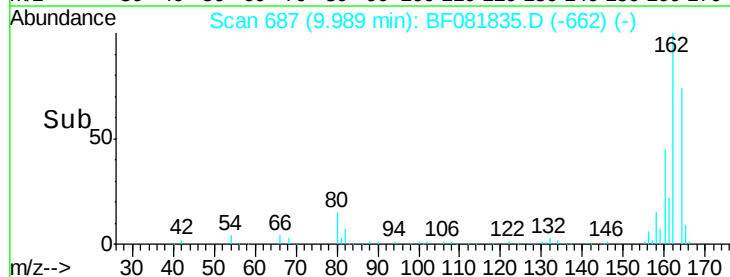
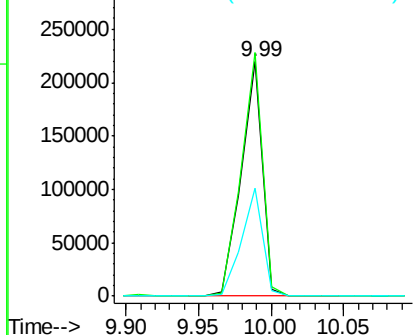


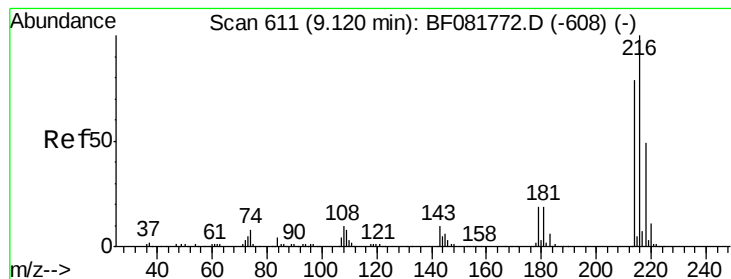
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion:164 Resp: 221604
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 46.2 31.5 47.3



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: 44.87 ng

RT: 9.11 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampled :

S1-18MSD

Tgt Ion:216 Resp: 317351

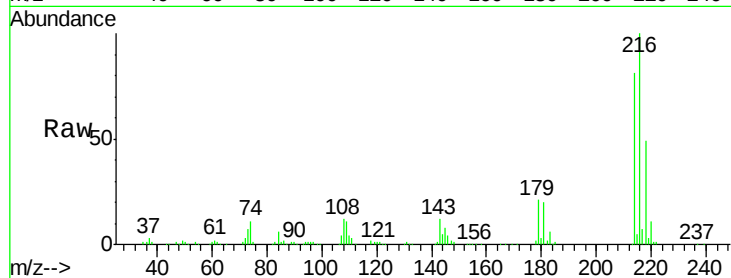
Ion Ratio Lower Upper

216 100

214 80.7 63.5 95.3

179 21.6 16.6 24.8

108 16.6 16.3 24.5

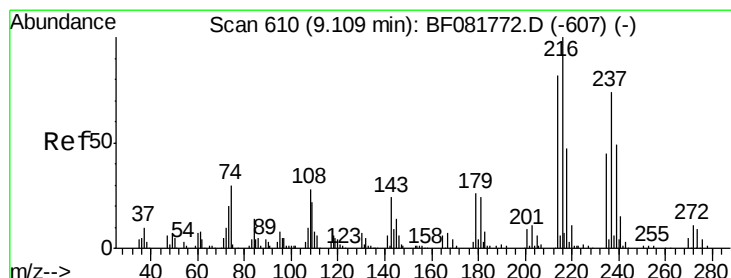
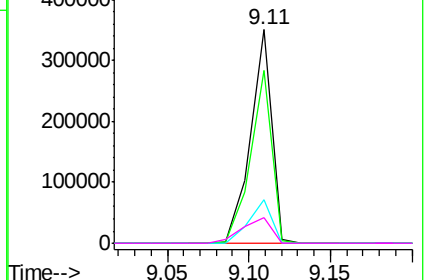
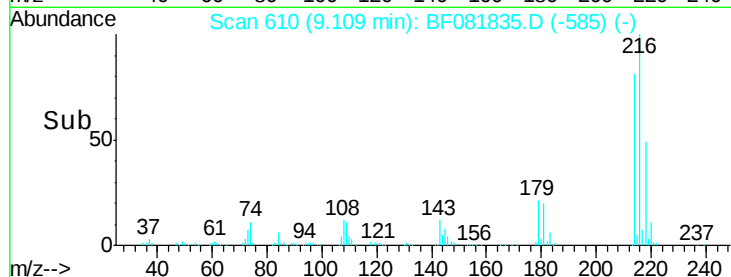


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.87 ng

RT: 9.10 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

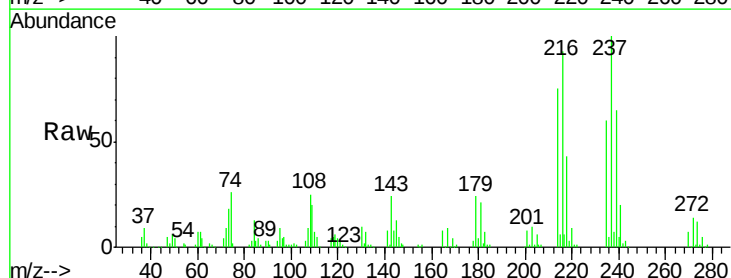
Tgt Ion:237 Resp: 148145

Ion Ratio Lower Upper

237 100

235 60.2 42.0 82.0

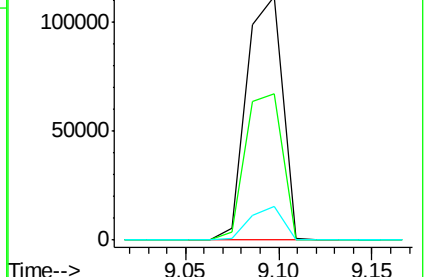
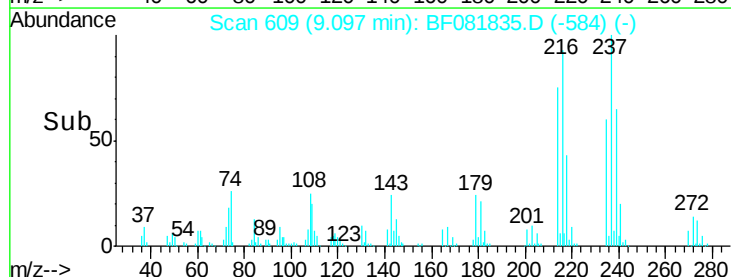
272 14.0 0.0 36.1

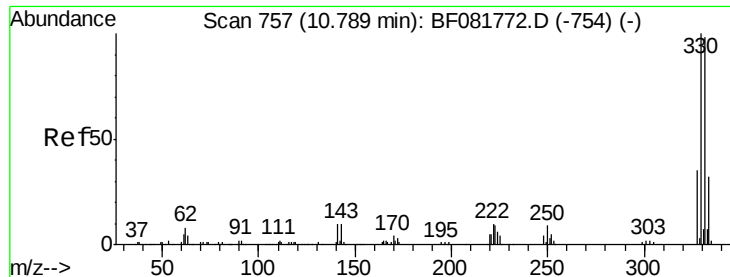


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

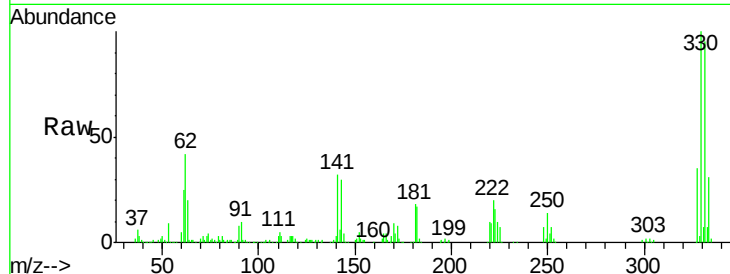




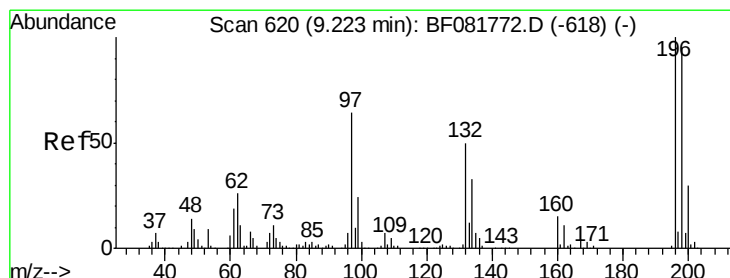
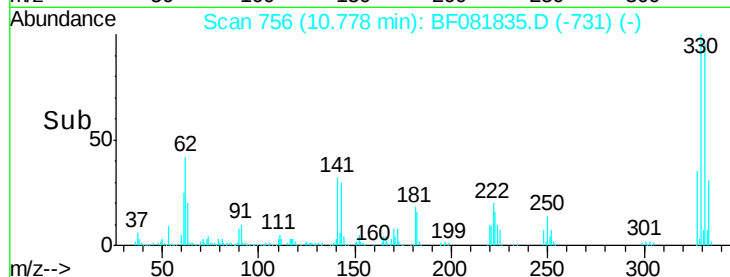
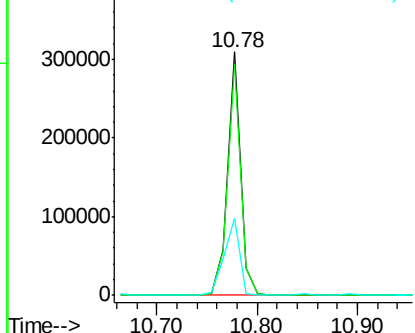
#41
 2,4,6-Tribromophenol
 Concen: 145.55 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

Tgt Ion:330 Resp: 280019
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 37.0 29.7 44.5

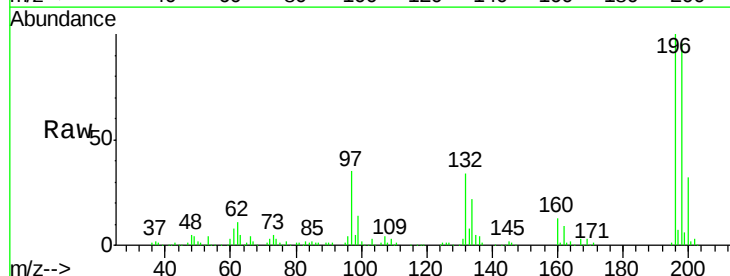


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

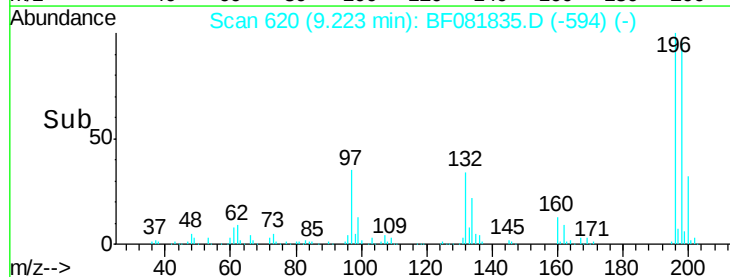
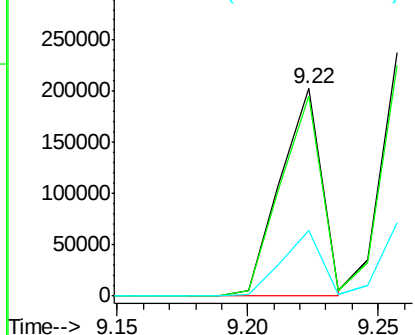


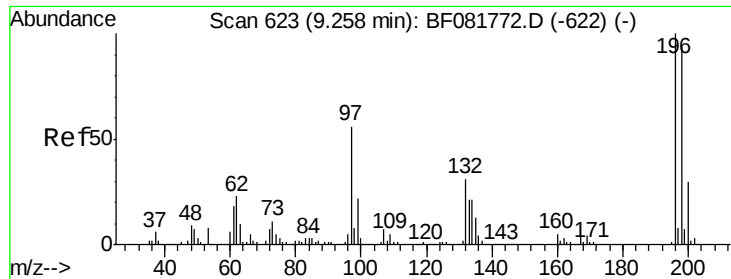
#42
 2,4,6-Trichlorophenol
 Concen: 47.19 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion:196 Resp: 219922
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.5 23.9 35.9



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

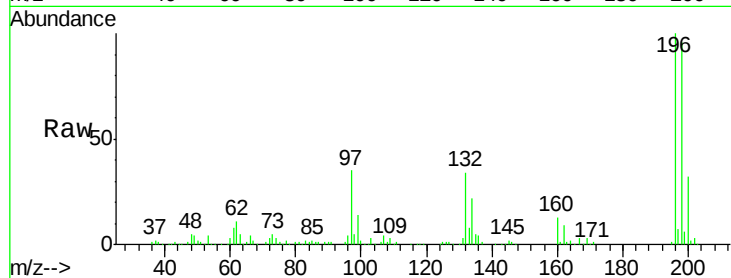




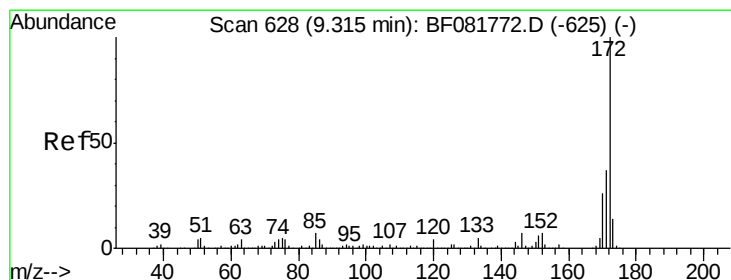
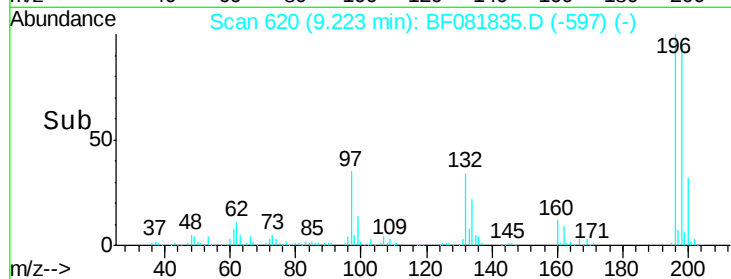
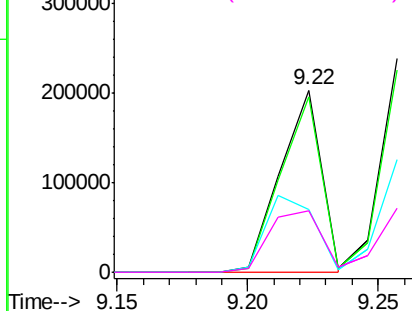
#43
2,4,5-Trichlorophenol
Concen: 47.96 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Instrument :
BNA_F
ClientSampleId :
S1-18MSD

Tgt Ion:196 Resp: 219922
Ion Ratio Lower Upper
196 100
198 96.2 75.4 113.0
97 34.8 33.3 49.9
132 34.0 24.6 37.0

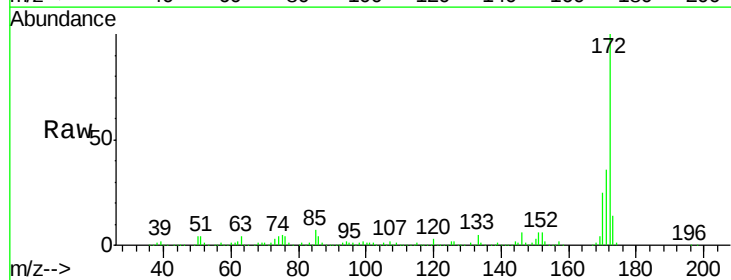


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

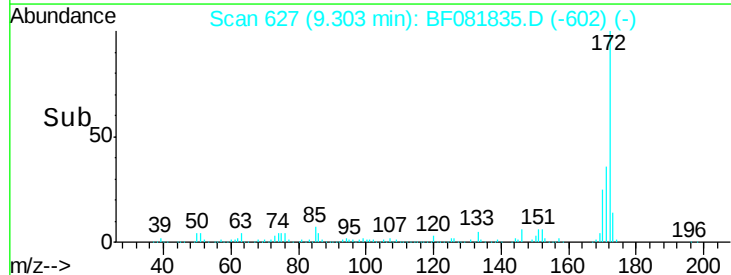
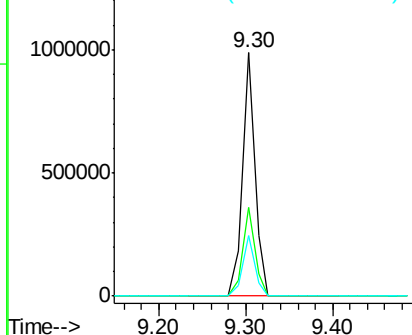


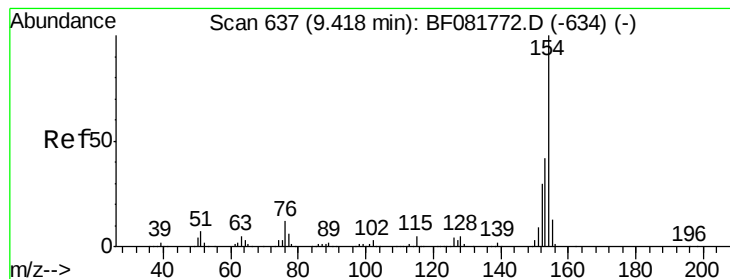
#44
2-Fluorobiphenyl
Concen: 72.64 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:172 Resp: 980667
Ion Ratio Lower Upper
172 100
171 36.3 26.1 39.1
170 25.0 17.4 26.2



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: 44.06 ng

RT: 9.41 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

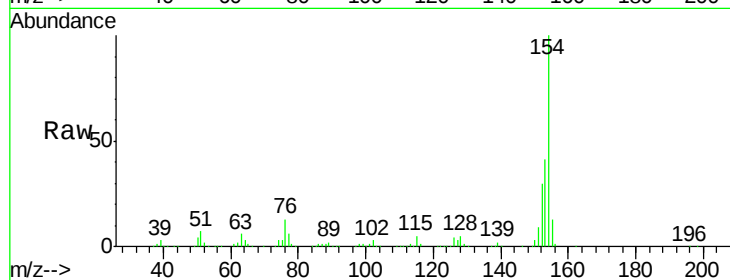
Tgt Ion:154 Resp: 763406

Ion Ratio Lower Upper

154 100

153 41.2 17.1 57.1

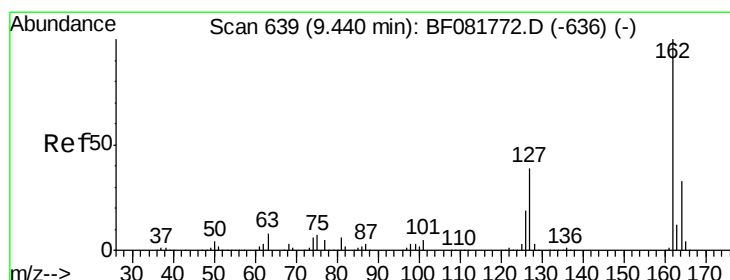
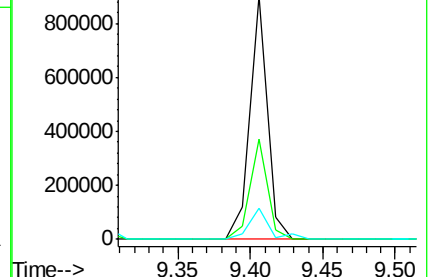
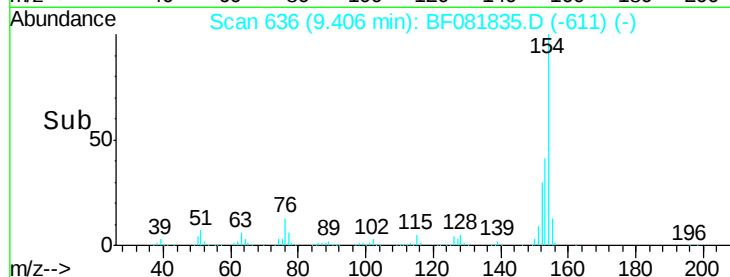
76 12.8 0.0 31.6



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: 40.29 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

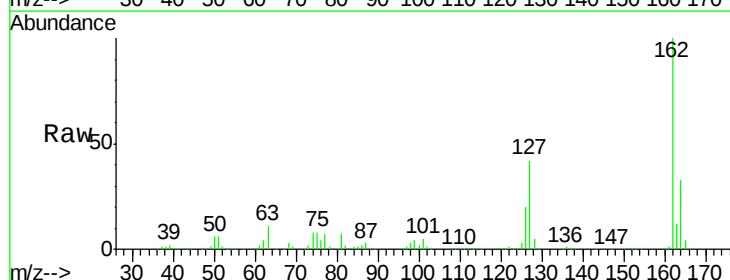
Tgt Ion:162 Resp: 561580

Ion Ratio Lower Upper

162 100

127 41.9 27.6 41.4#

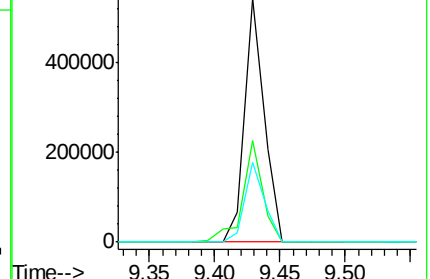
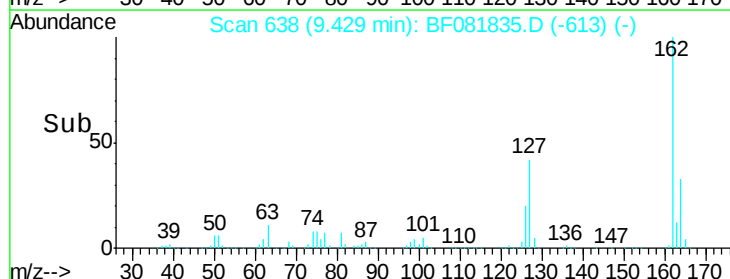
164 33.0 25.4 38.2

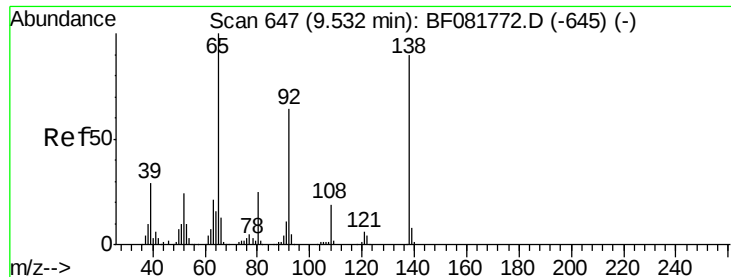


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.59 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

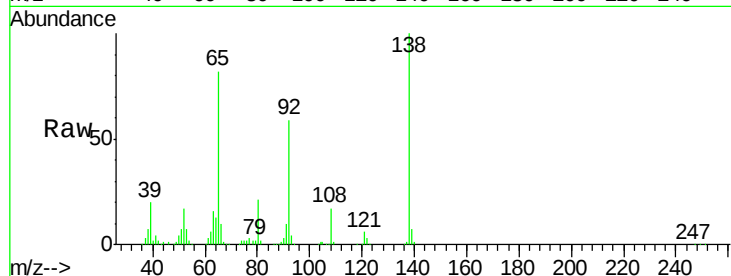
Tgt Ion: 65 Resp: 206080

Ion Ratio Lower Upper

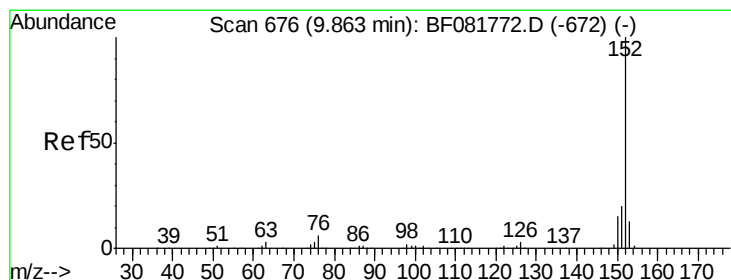
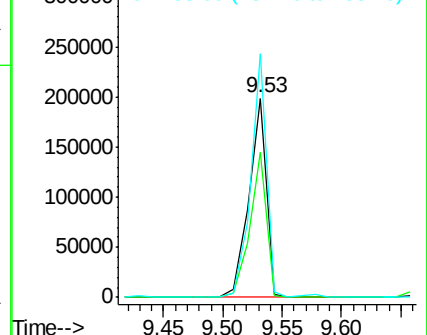
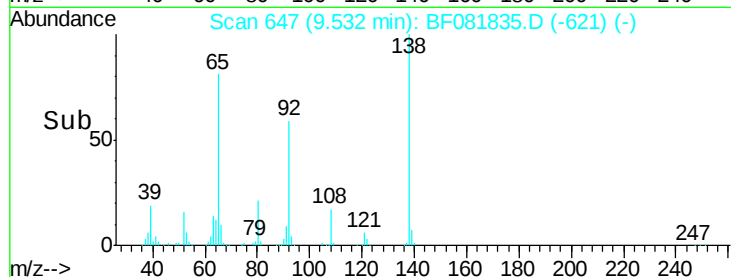
65 100

92 72.6 55.4 83.0

138 122.4 115.5 173.3



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.01 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

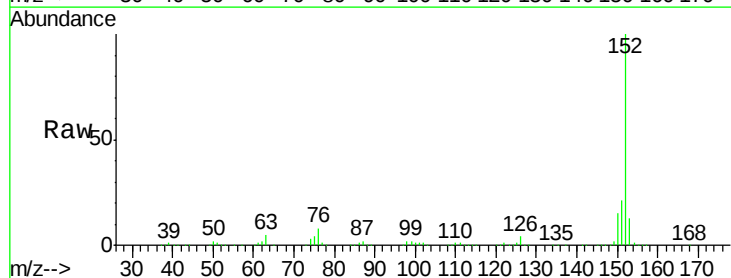
Tgt Ion: 152 Resp: 1061784

Ion Ratio Lower Upper

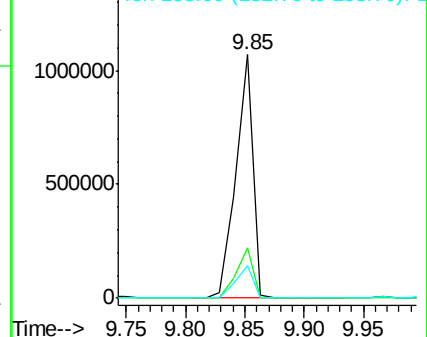
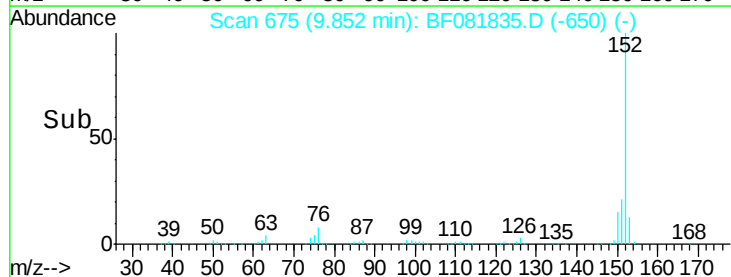
152 100

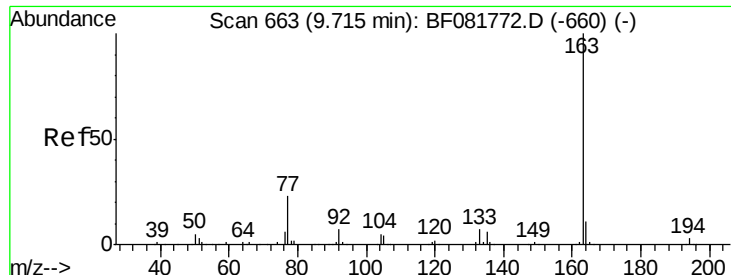
151 20.7 14.6 22.0

153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 62.50 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

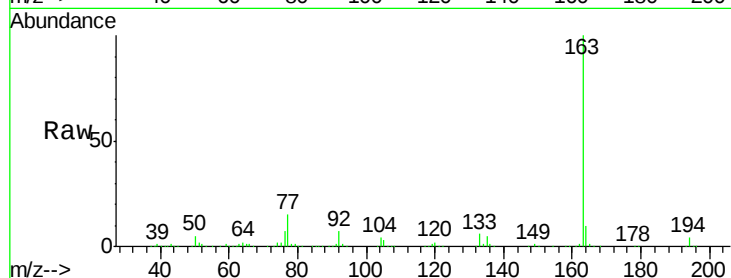
Tgt Ion:163 Resp: 1053829

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

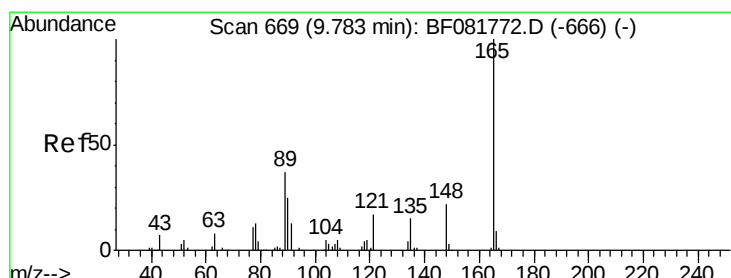
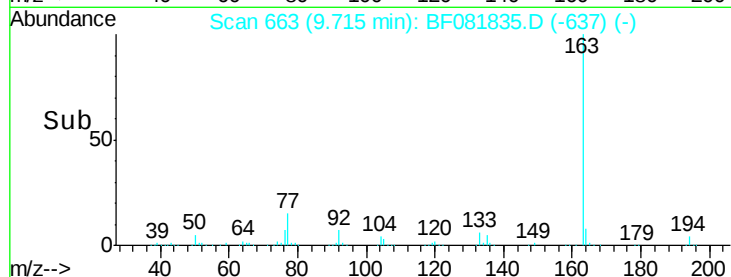
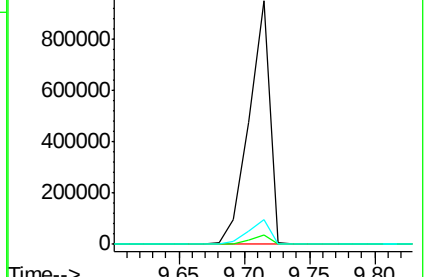
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.98 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

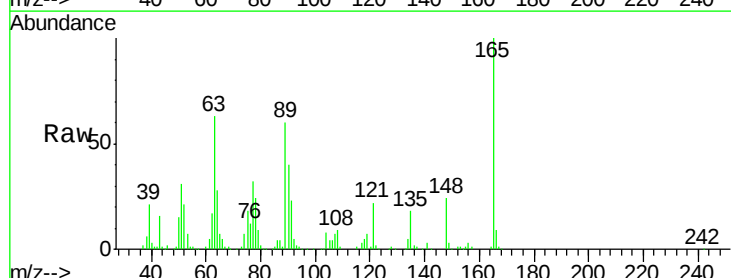
Tgt Ion:165 Resp: 149670

Ion Ratio Lower Upper

165 100

63 63.1 32.3 48.5#

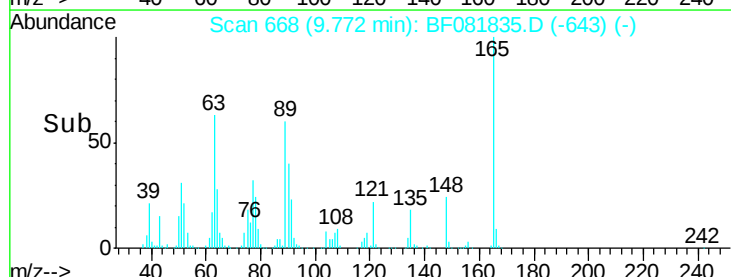
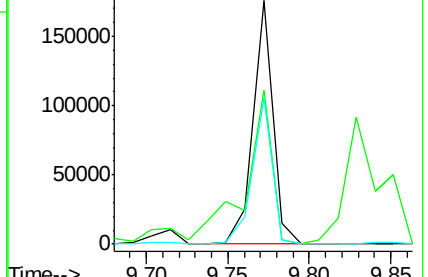
89 59.9 28.6 43.0#

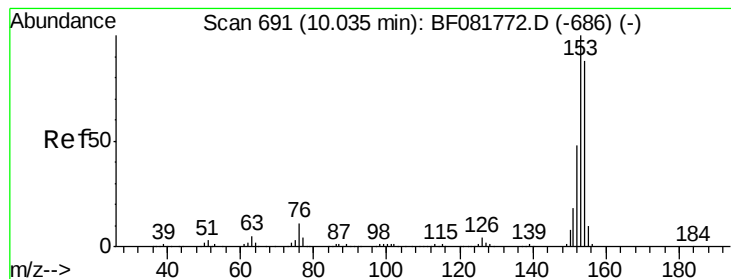


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 57.62 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

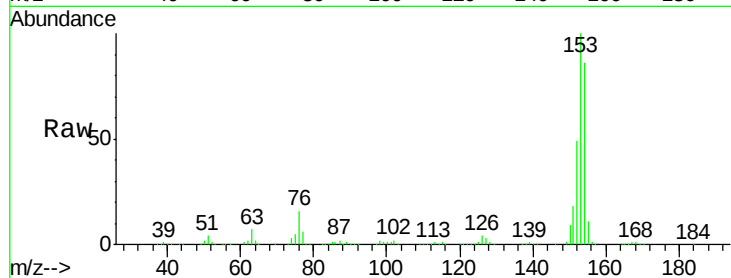
Tgt Ion:154 Resp: 783323

Ion Ratio Lower Upper

154 100

153 115.6 82.1 123.1

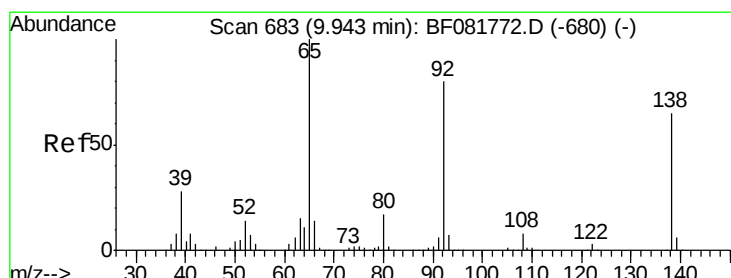
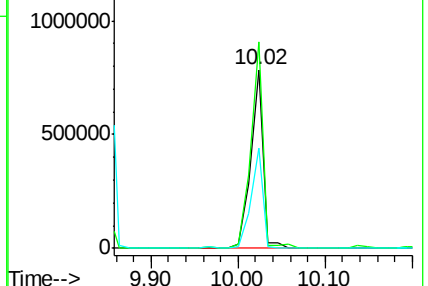
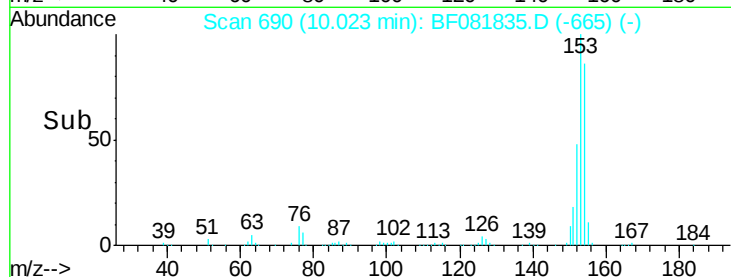
152 56.4 37.9 56.9



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: 17.55 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

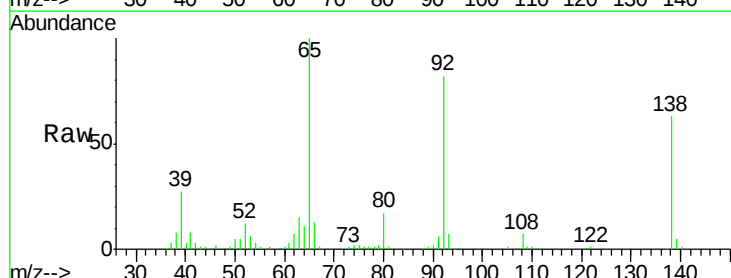
Tgt Ion:138 Resp: 61937

Ion Ratio Lower Upper

138 100

108 11.4 5.7 8.5#

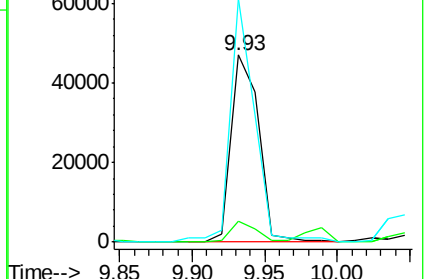
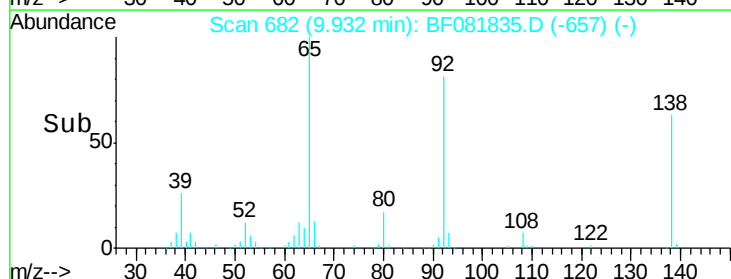
92 130.4 67.7 101.5#

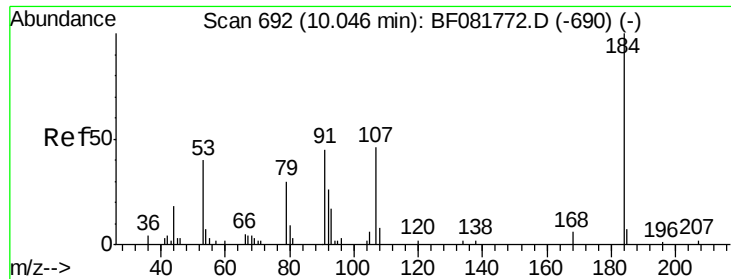


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

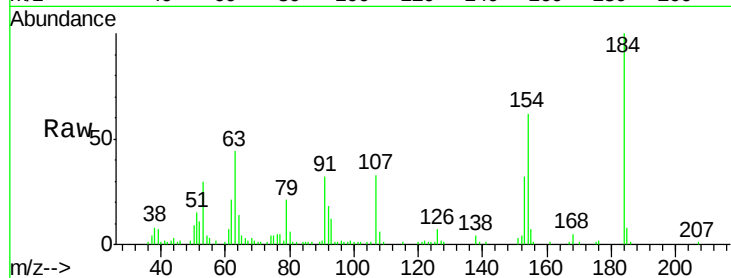




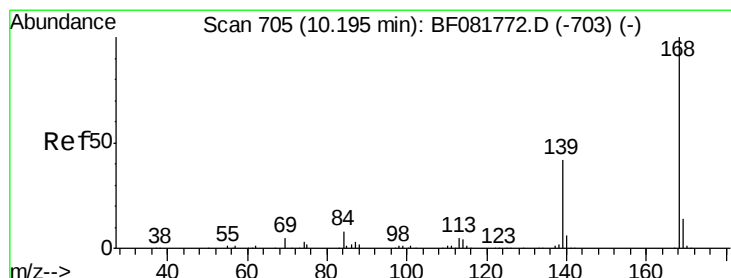
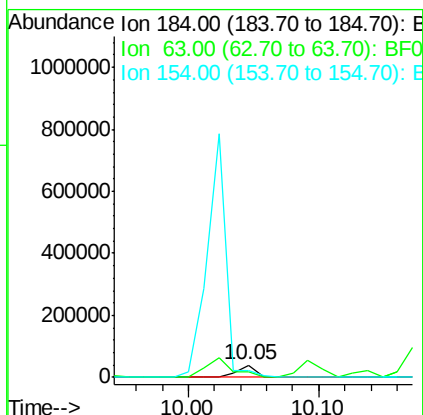
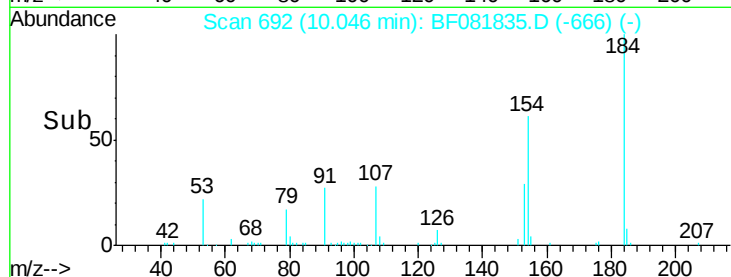
#53
2,4-Dinitrophenol
Concen: 71.04 ng
RT: 10.05 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Instrument :
BNA_F
ClientSampleId :
S1-18MSD

Tgt Ion:184 Resp: 38962
Ion Ratio Lower Upper
184 100
63 43.7 35.4 53.2
154 62.0 32.2 48.4#

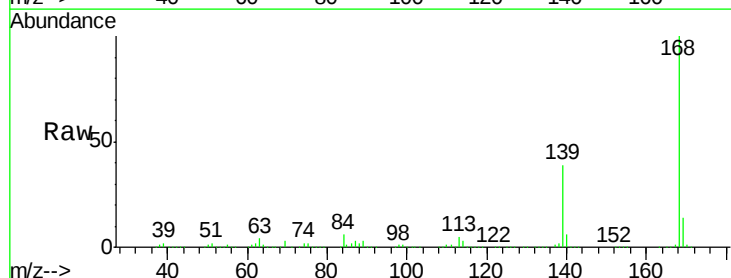


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

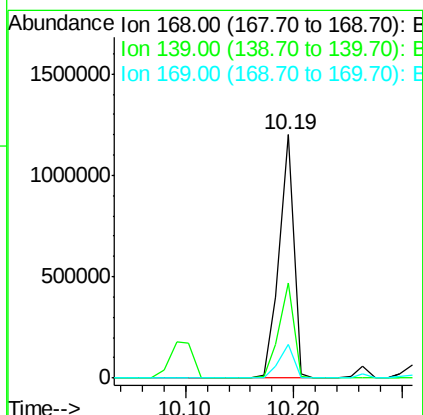
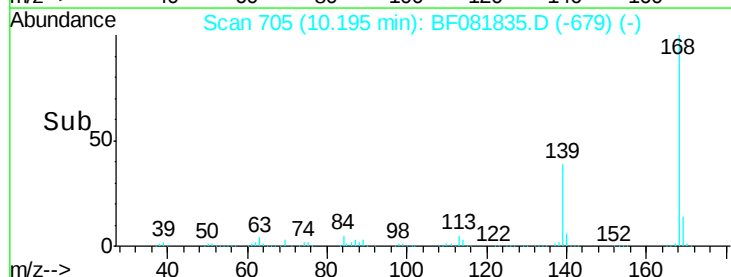


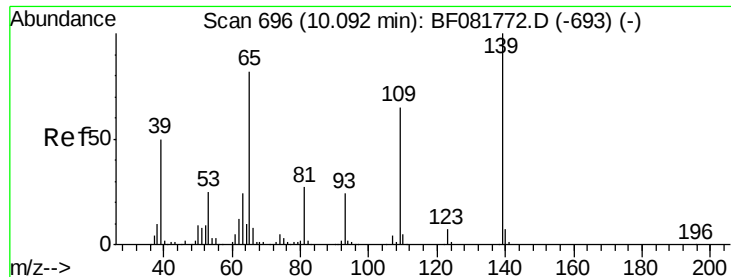
#54
Dibenzofuran
Concen: 56.76 ng
RT: 10.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:168 Resp: 1131920
Ion Ratio Lower Upper
168 100
139 39.2 24.2 36.2#
169 13.9 10.6 15.8



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: 112.65 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

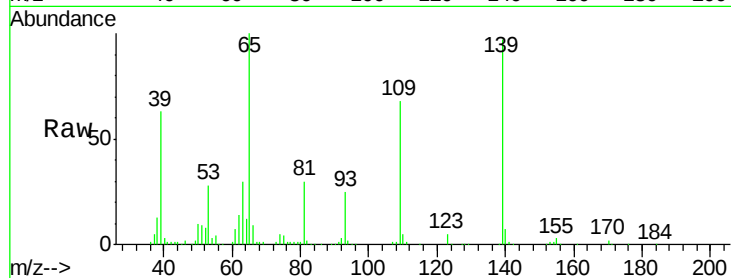
Tgt Ion:139 Resp: 274247

Ion Ratio Lower Upper

139 100

109 69.9 12.7 52.7#

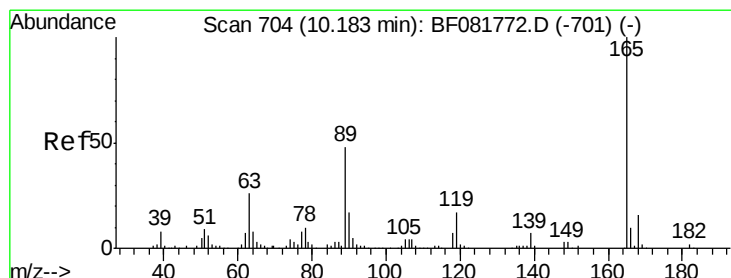
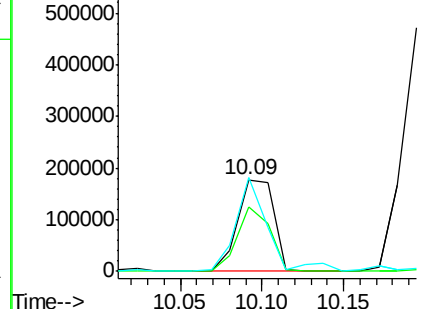
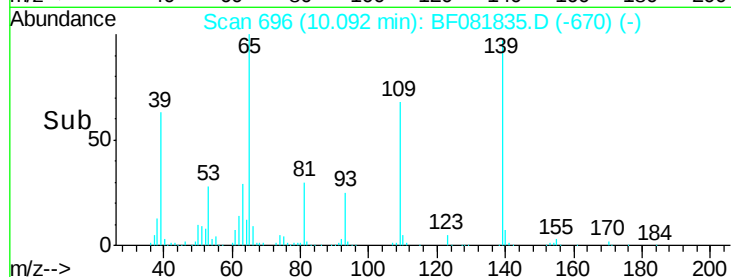
65 103.3 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.79 ng

RT: 10.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Tgt Ion:165 Resp: 197912

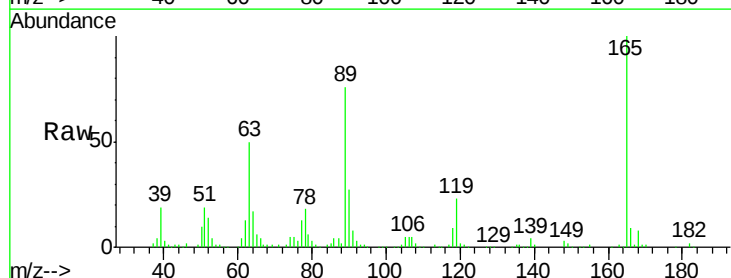
Ion Ratio Lower Upper

165 100

63 49.7 29.8 44.6#

89 75.8 44.5 66.7#

182 2.2 3.0 4.4#

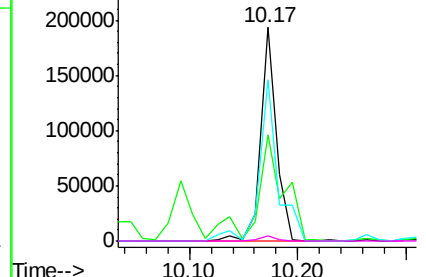
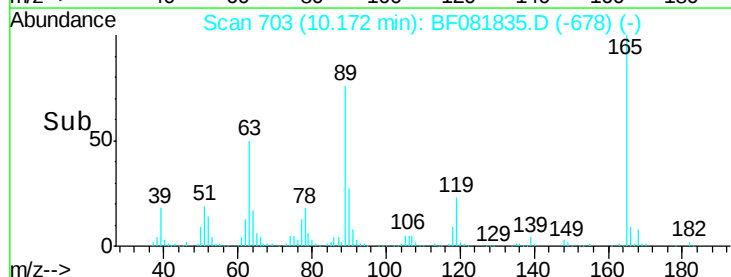


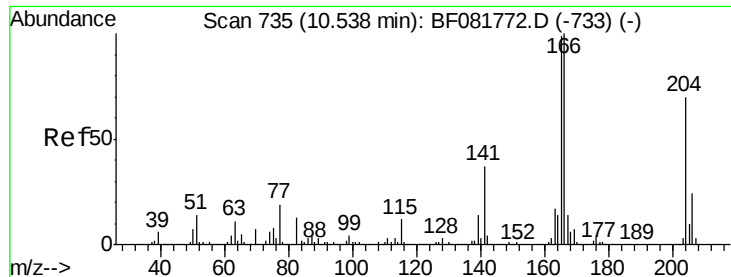
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 58.64 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

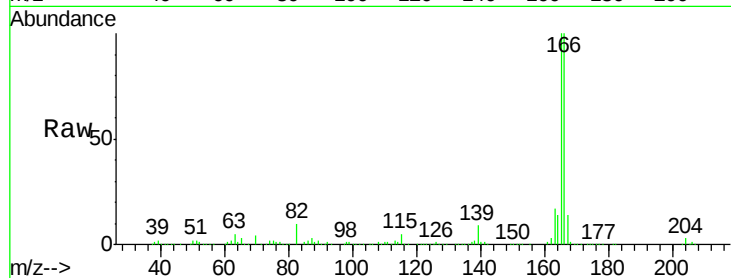
Tgt Ion:166 Resp: 897311

Ion Ratio Lower Upper

166 100

165 100.0 72.6 109.0

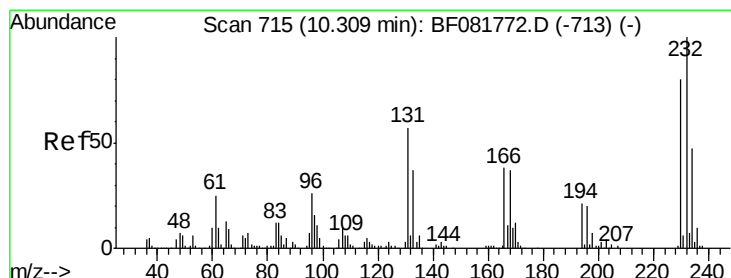
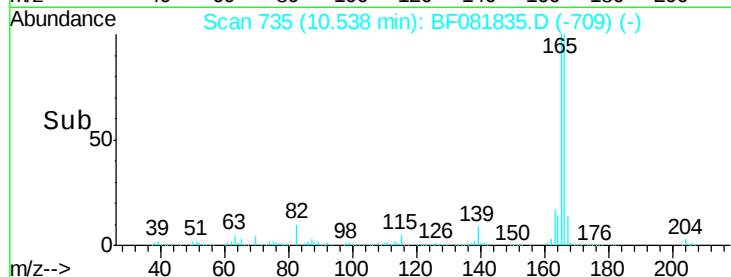
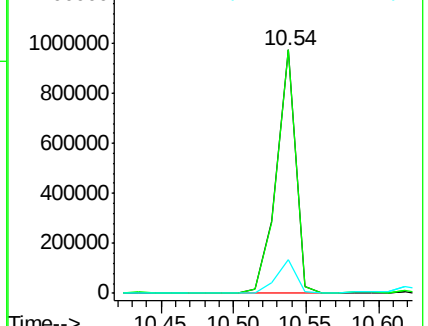
167 13.8 10.6 16.0



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: 55.68 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Tgt Ion:232 Resp: 194868

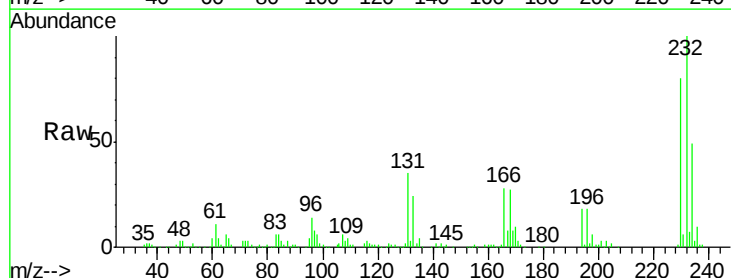
Ion Ratio Lower Upper

232 100

131 41.7 38.5 57.7

130 1.9 1.8 2.6

166 30.0 25.0 37.6

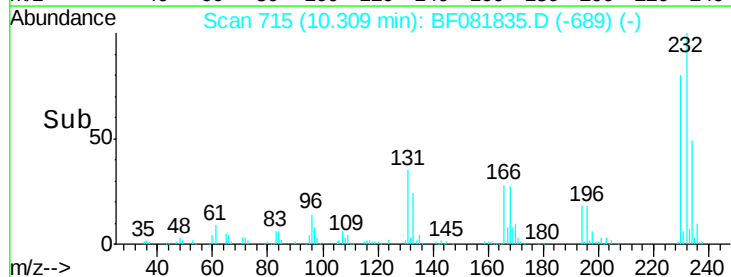
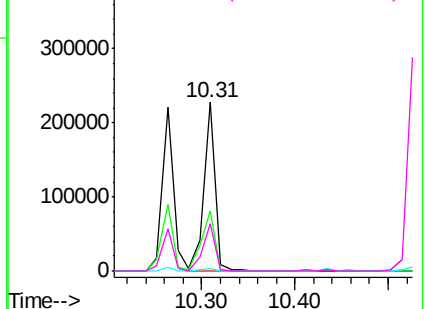


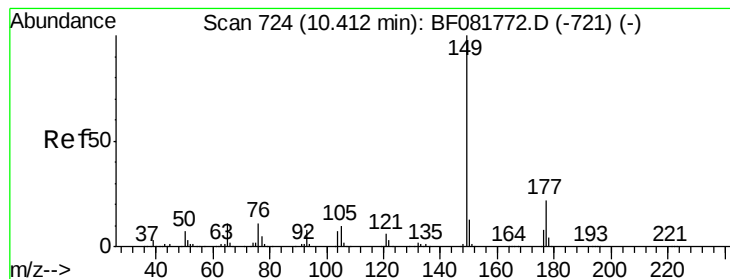
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.55 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

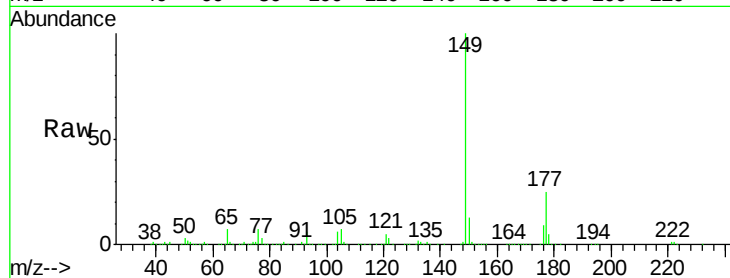
Tgt Ion:149 Resp: 711358

Ion Ratio Lower Upper

149 100

177 24.6 17.5 26.3

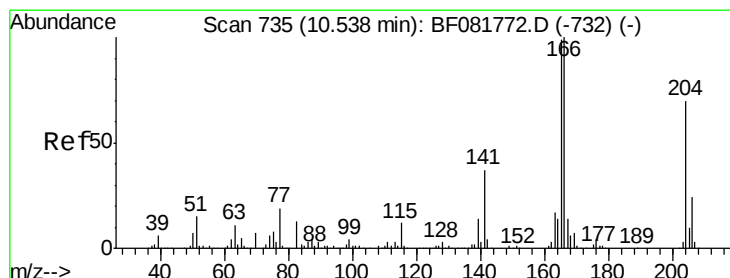
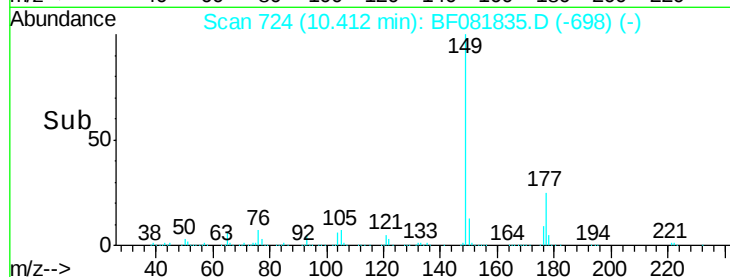
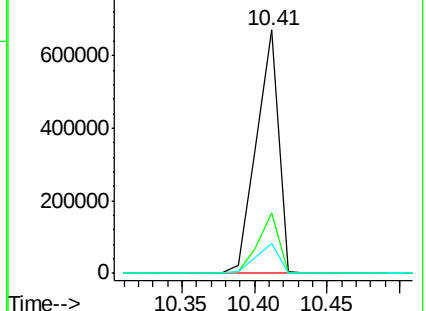
150 12.5 9.4 14.2



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: 41.54 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

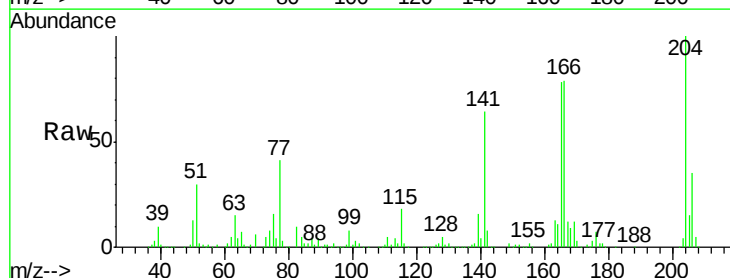
Tgt Ion:204 Resp: 291844

Ion Ratio Lower Upper

204 100

206 34.8 24.8 37.2

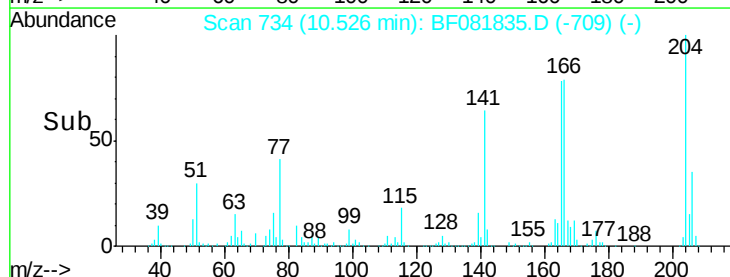
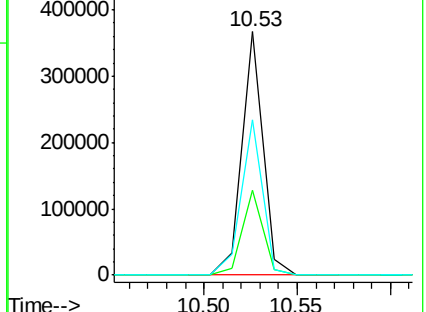
141 63.7 42.2 63.4#

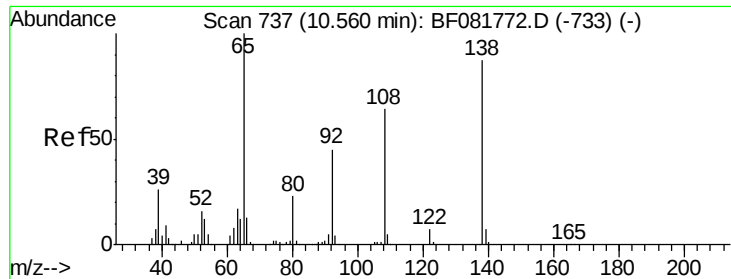


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

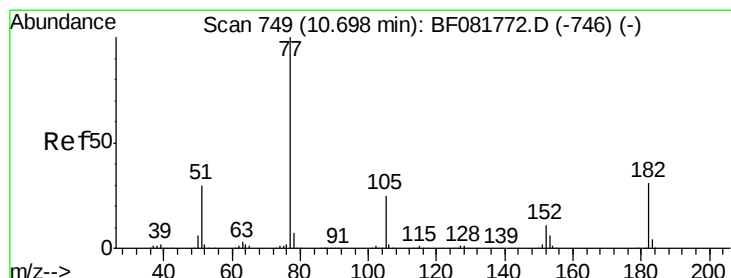
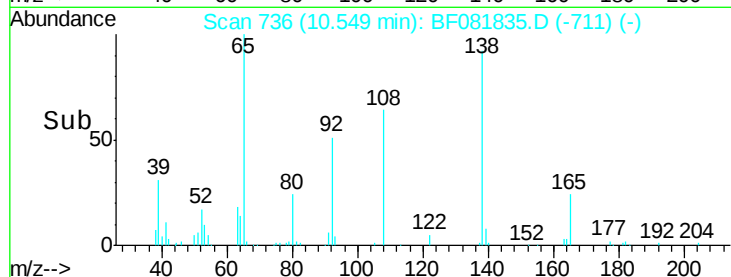
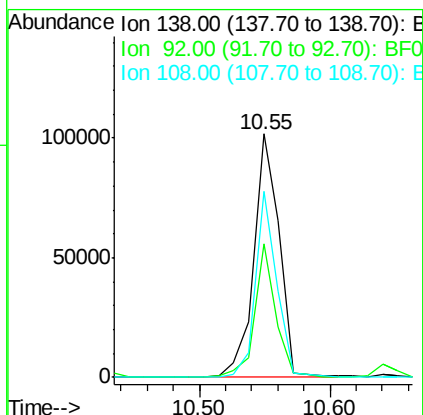
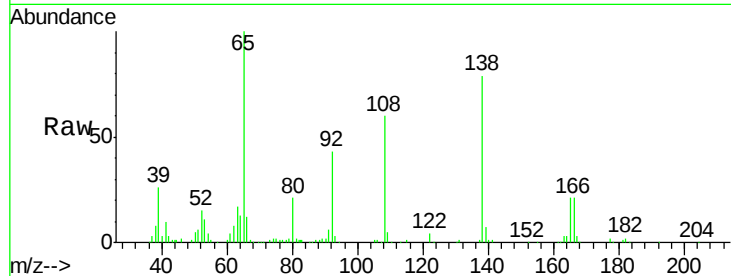




#61
4-Nitroaniline
Concen: 40.25 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

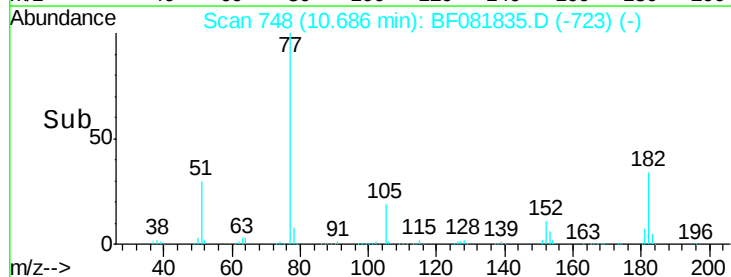
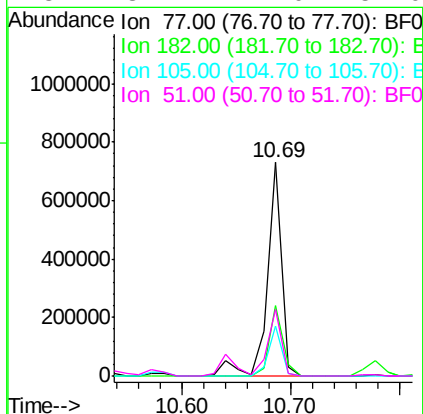
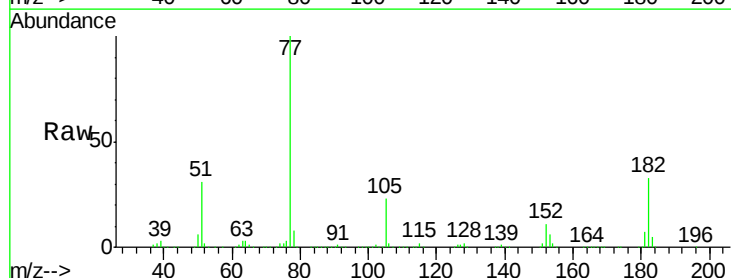
Instrument :
BNA_F
ClientSampled :
S1-18MSD

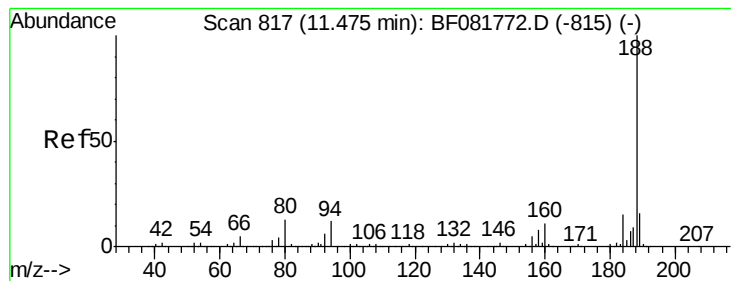
Tgt Ion:138 Resp: 138049
Ion Ratio Lower Upper
138 100
92 54.7 12.6 52.6#
108 76.2 12.4 52.4#



#62
Azobenzene
Concen: 41.21 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion: 77 Resp: 688188
Ion Ratio Lower Upper
77 100
182 32.7 15.1 55.1
105 23.4 3.4 43.4
51 31.2 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

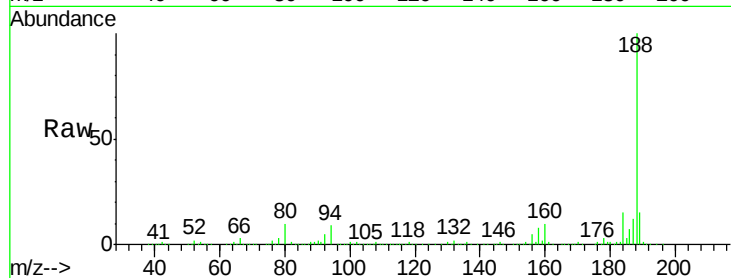
Tgt Ion:188 Resp: 406681

Ion Ratio Lower Upper

188 100

94 8.7 11.1 16.7#

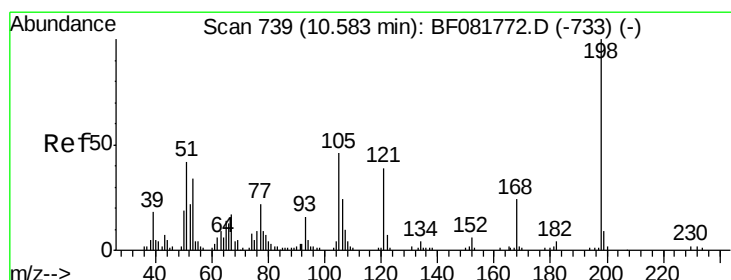
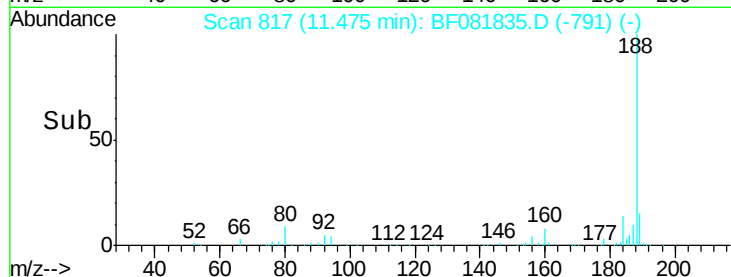
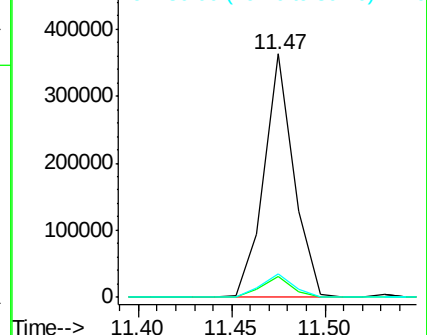
80 9.5 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 53.93 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

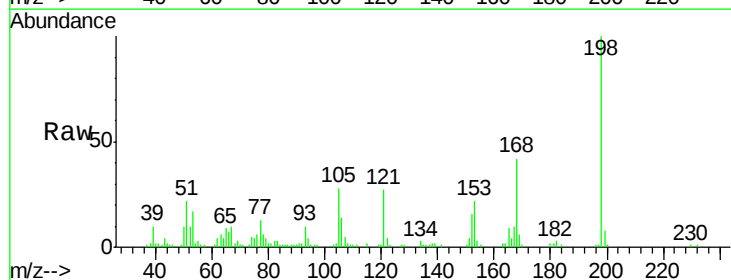
Tgt Ion:198 Resp: 52893

Ion Ratio Lower Upper

198 100

51 21.7 39.6 79.6#

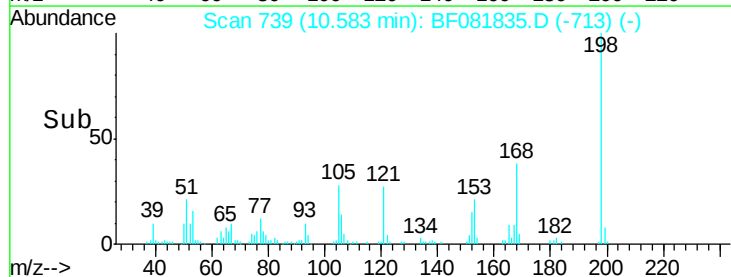
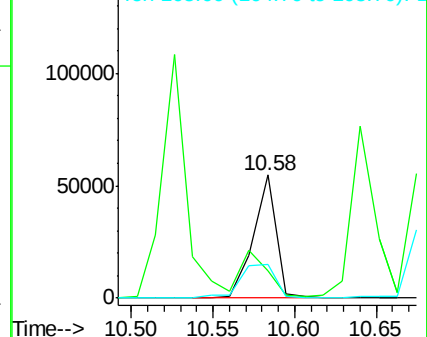
105 27.6 28.5 68.5#

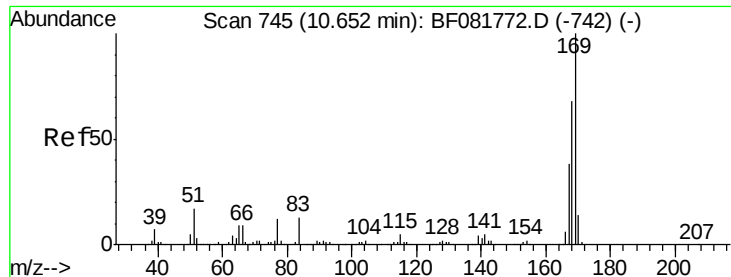


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.69 ng

RT: 10.65 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

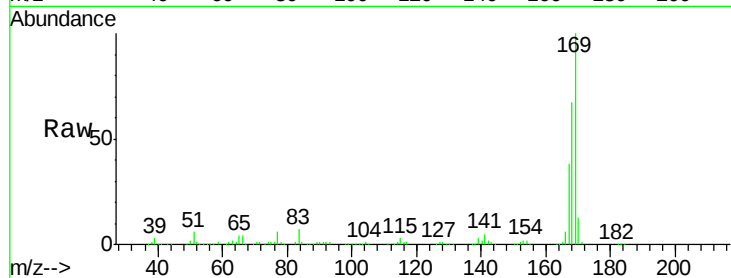
Tgt Ion:169 Resp: 585437

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

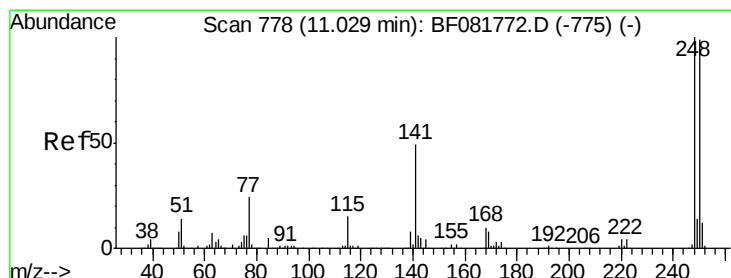
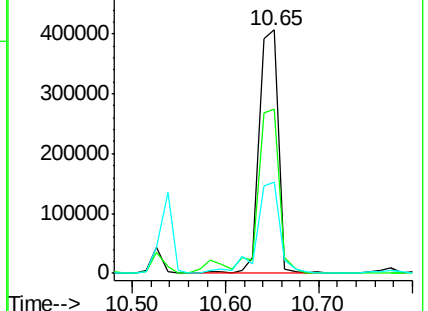
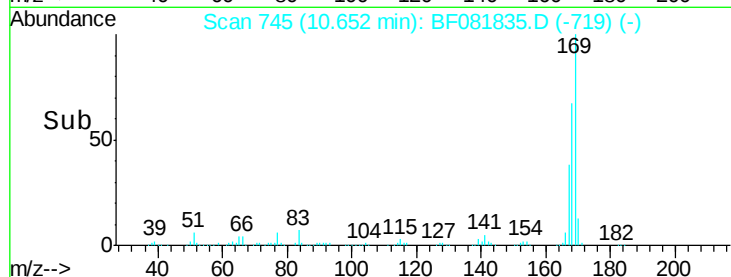
167 37.7 26.2 39.4



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: 45.37 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

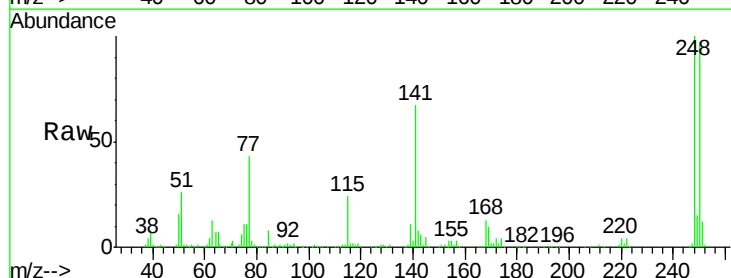
Tgt Ion:248 Resp: 205454

Ion Ratio Lower Upper

248 100

250 97.4 78.5 117.7

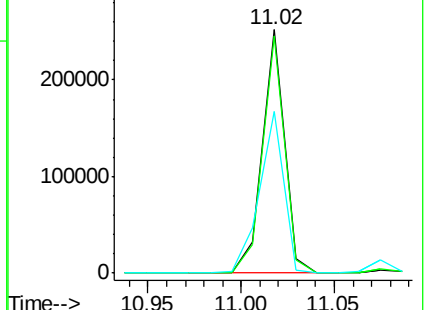
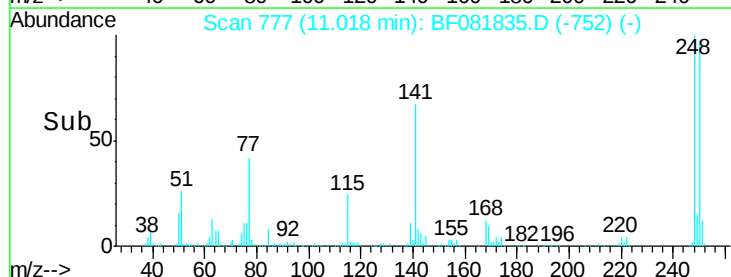
141 66.6 59.0 88.6

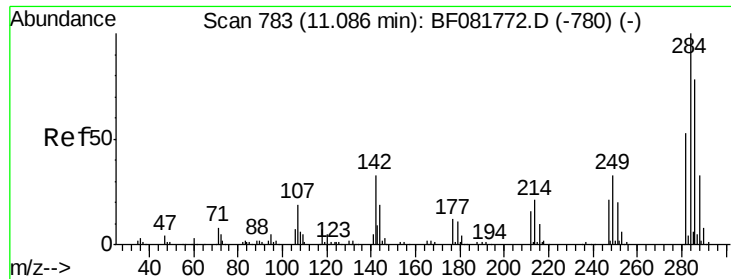


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

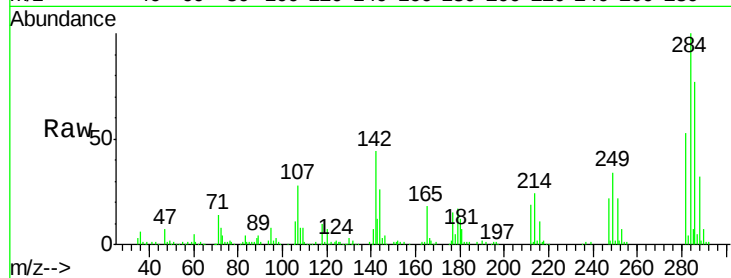




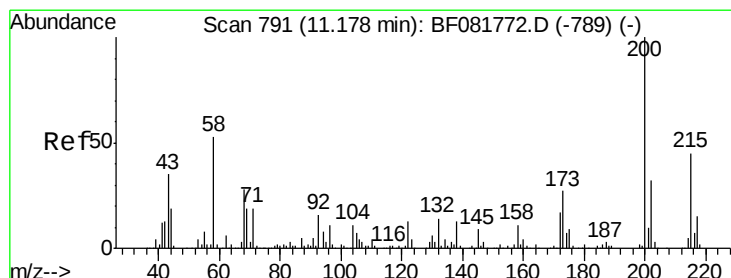
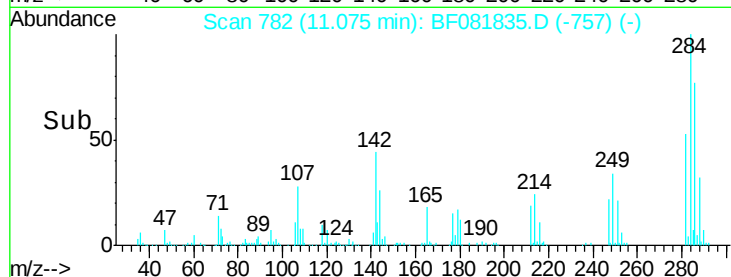
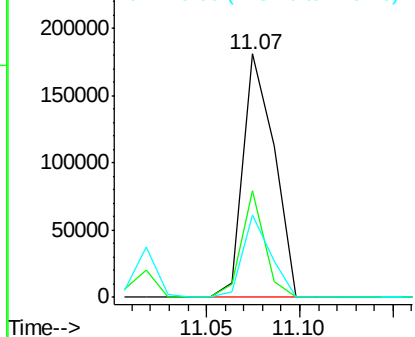
#67
Hexachlorobenzene
Concen: 44.28 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Instrument :
BNA_F
ClientSampleId :
S1-18MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.0	29.5	44.3
249	33.9	19.5	29.3#

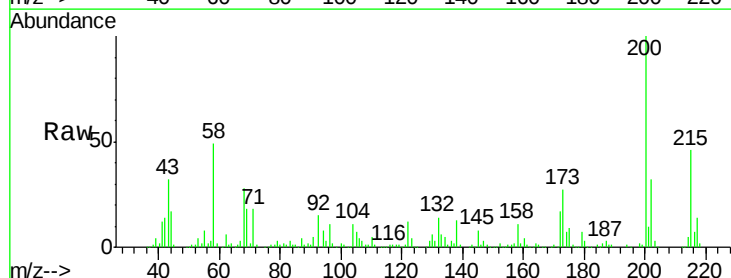


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

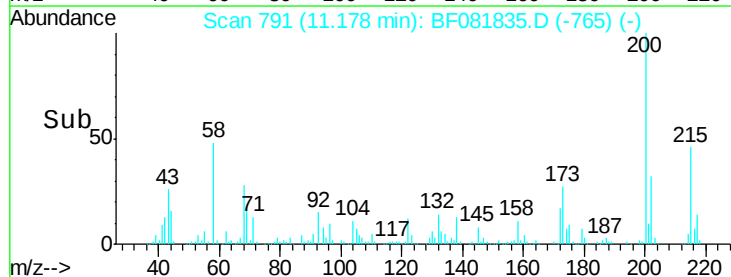
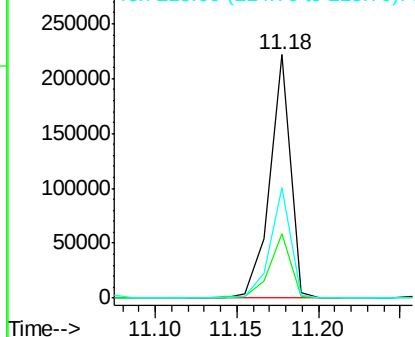


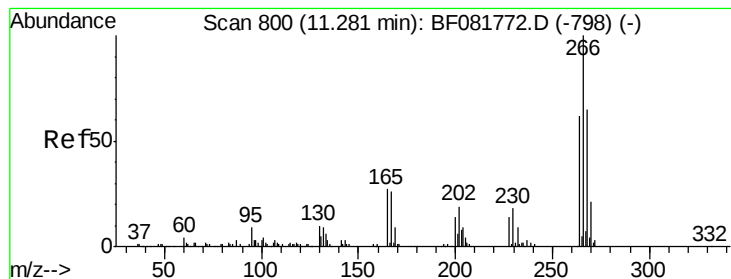
#68
Atrazine
Concen: 47.65 ng
RT: 11.18 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	13.2	53.2
215	45.6	41.8	81.8



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: 94.67 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

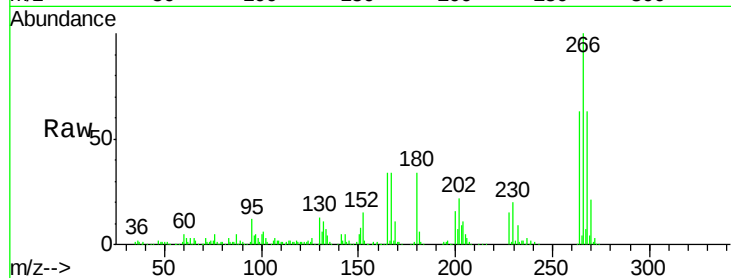
Tgt Ion:266 Resp: 250166

Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.6

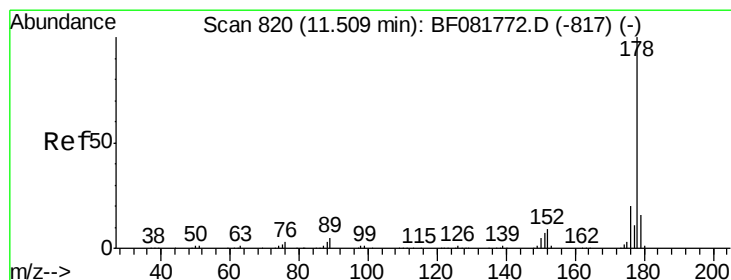
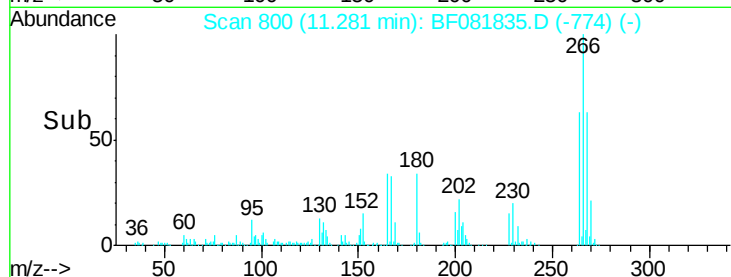
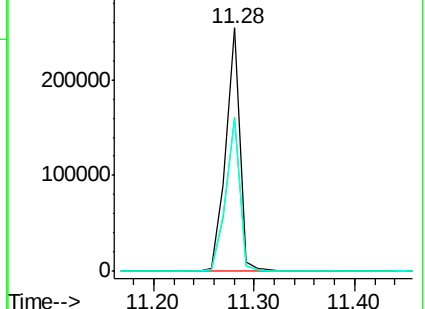
264 63.0 50.2 75.2



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: 114.00 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

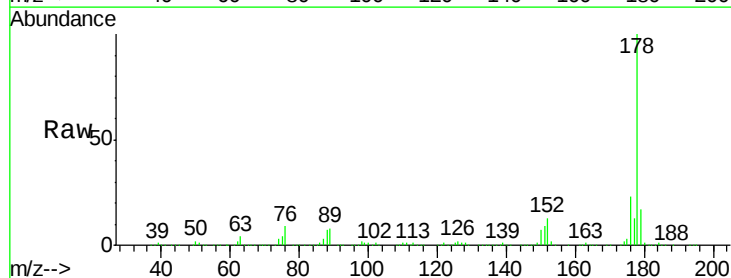
Tgt Ion:178 Resp: 2650478

Ion Ratio Lower Upper

178 100

176 22.5 13.8 20.8#

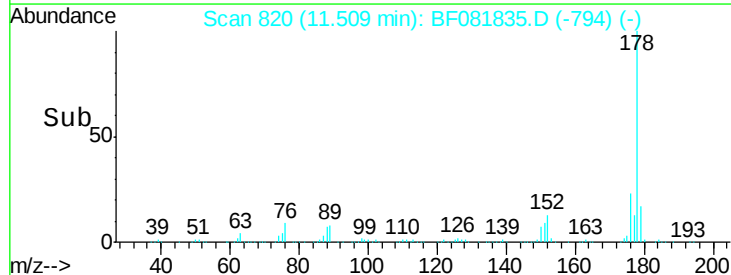
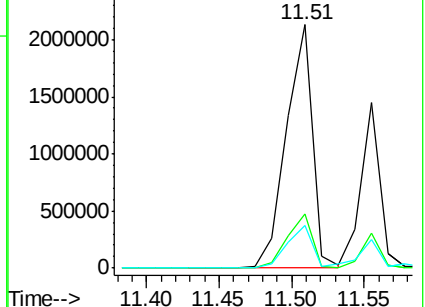
179 17.3 12.2 18.2

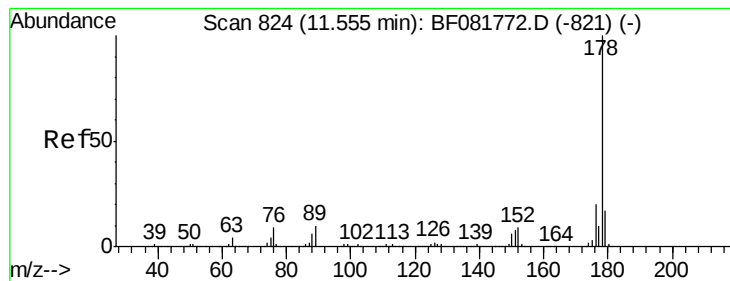


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 59.46 ng

RT: 11.55 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

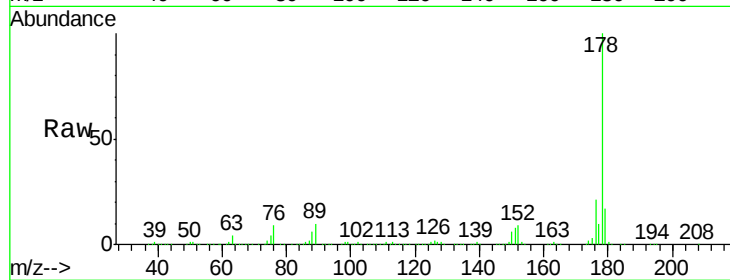
Tgt Ion:178 Resp: 1332136

Ion Ratio Lower Upper

178 100

176 20.9 14.1 21.1

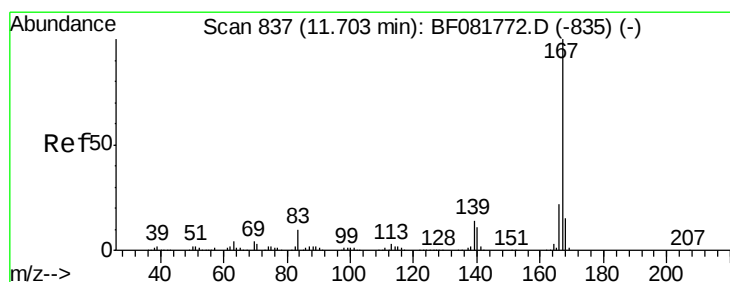
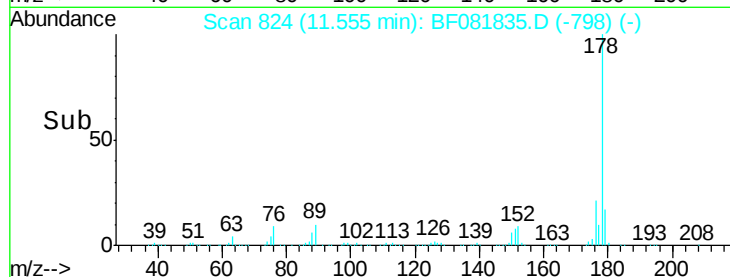
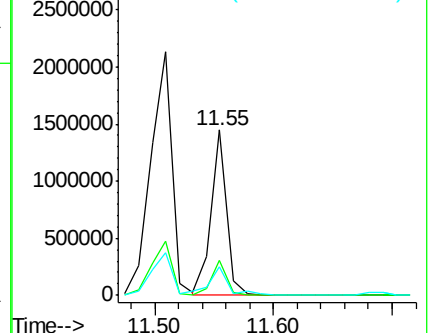
179 17.0 12.2 18.2



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: 47.93 ng

RT: 11.70 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

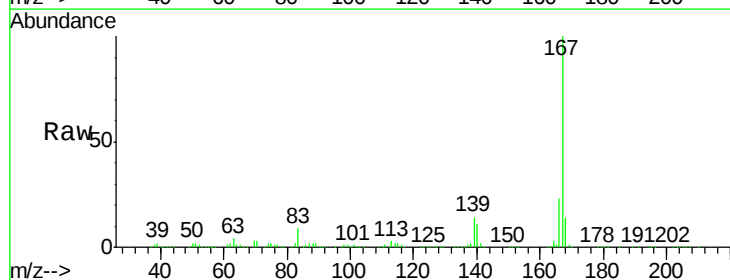
Tgt Ion:167 Resp: 996951

Ion Ratio Lower Upper

167 100

166 22.9 15.7 23.5

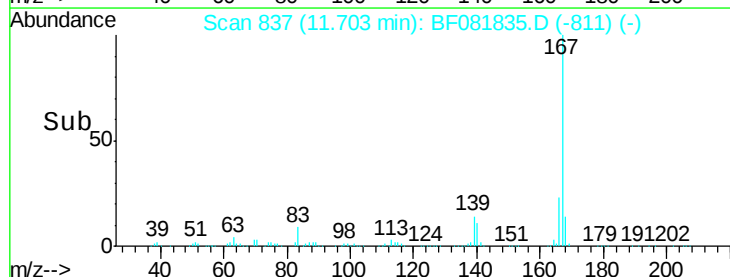
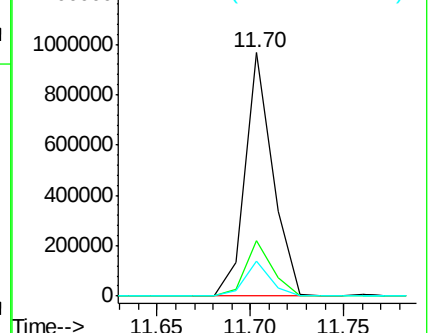
139 14.3 9.5 14.3#

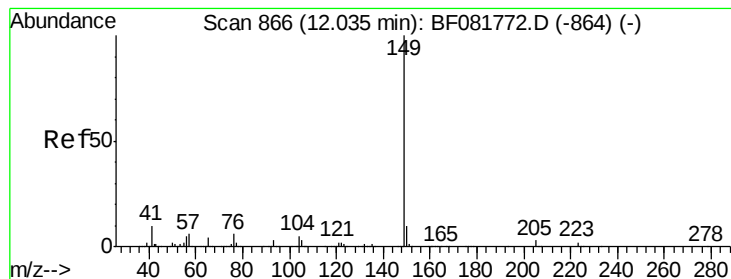


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.97 ng

RT: 12.03 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

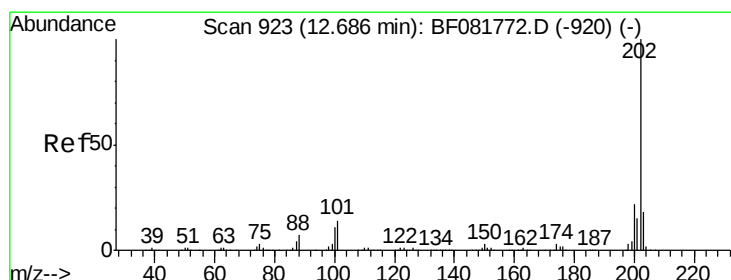
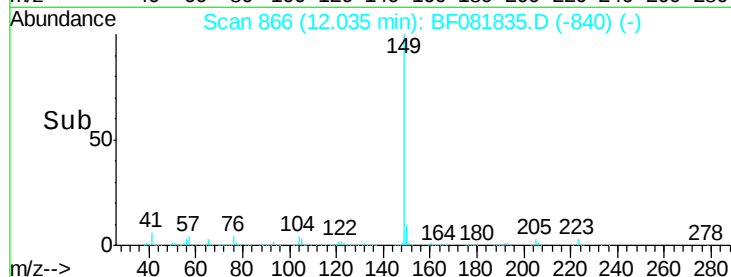
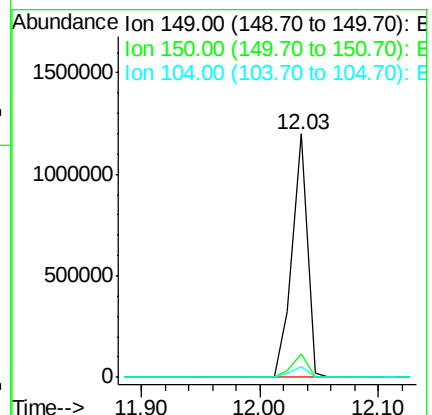
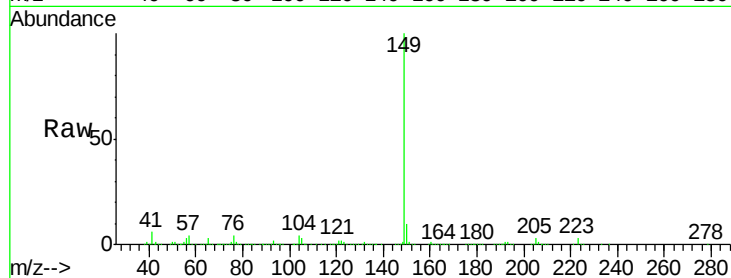
Tgt Ion:149 Resp: 1062560

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 4.5 2.4 3.6#



#74

Fluoranthene

Concen: 106.80 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

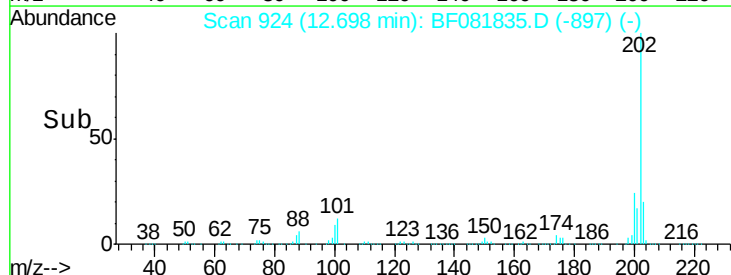
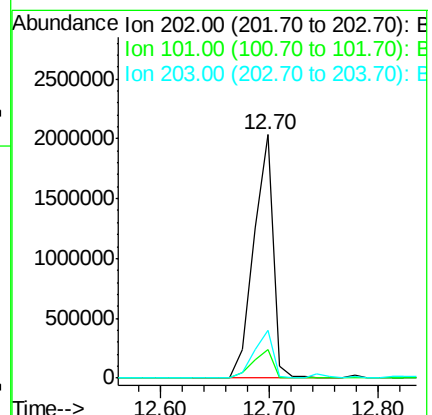
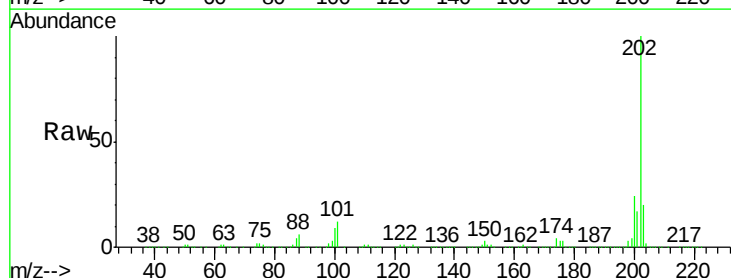
Tgt Ion:202 Resp: 2502203

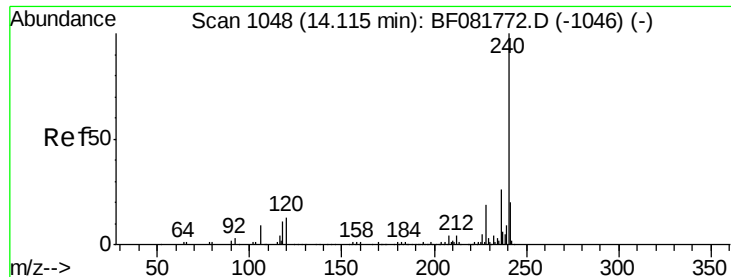
Ion Ratio Lower Upper

202 100

101 11.9 0.0 38.3

203 19.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampled :

S1-18MSD

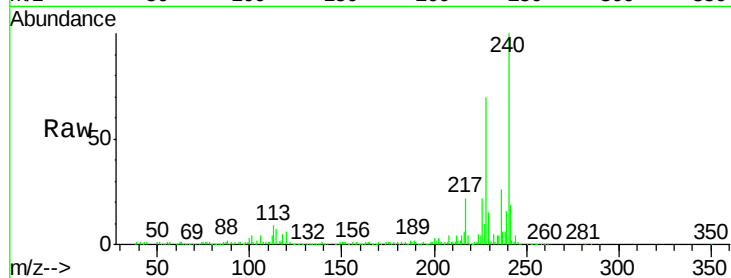
Tgt Ion:240 Resp: 259224

Ion Ratio Lower Upper

240 100

120 5.9 16.2 24.2#

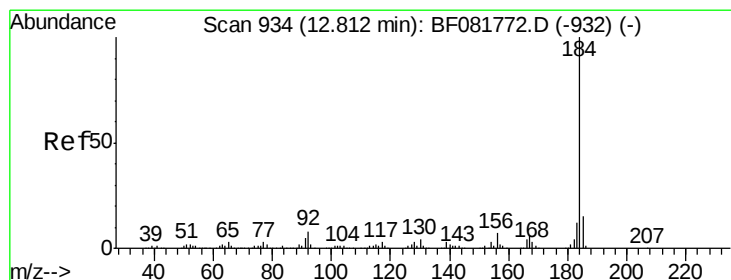
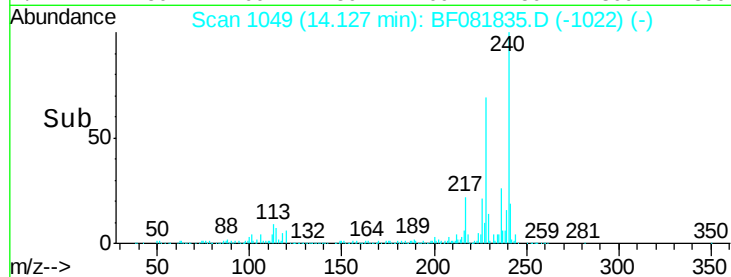
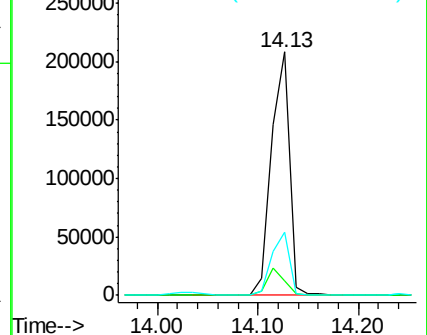
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.67 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

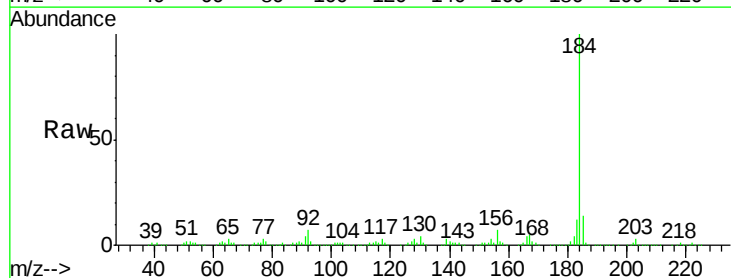
Tgt Ion:184 Resp: 331420

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

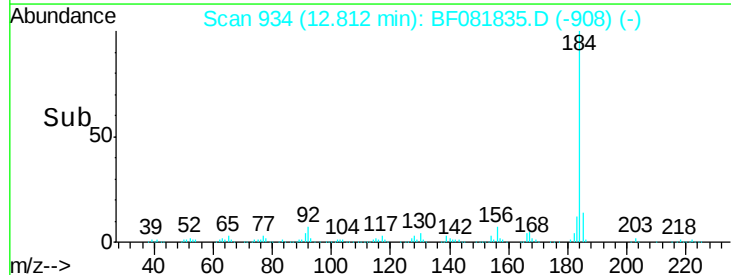
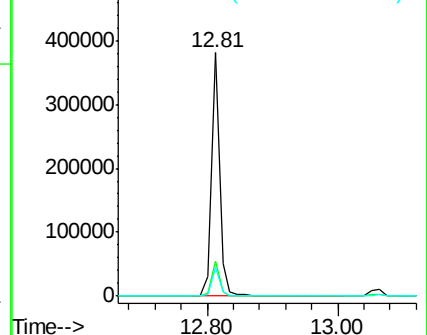
183 11.5 7.6 11.4#

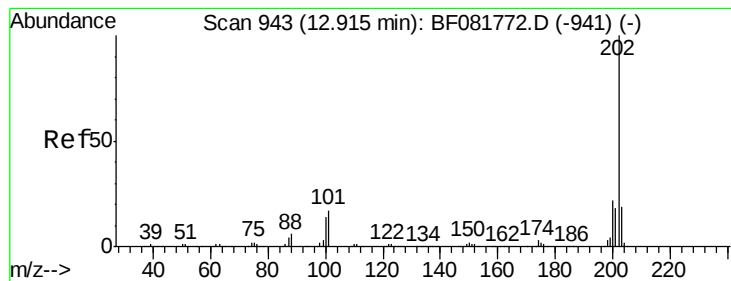


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 111.68 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

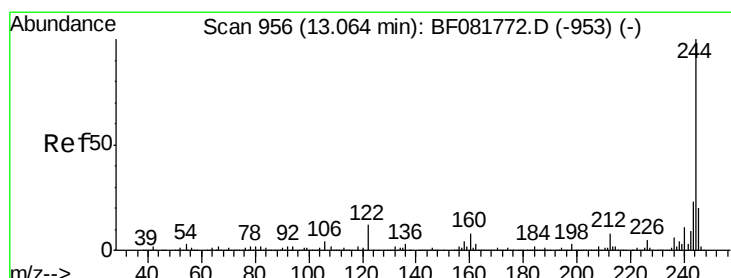
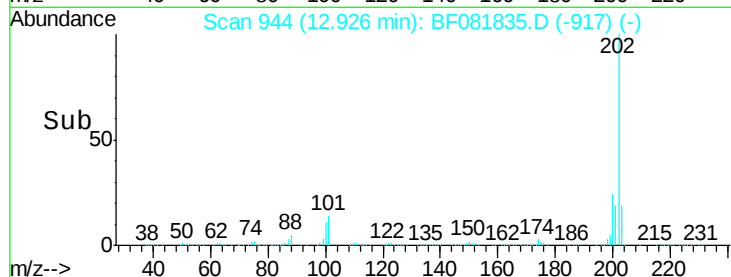
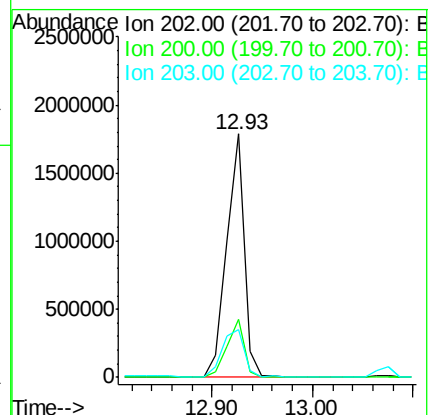
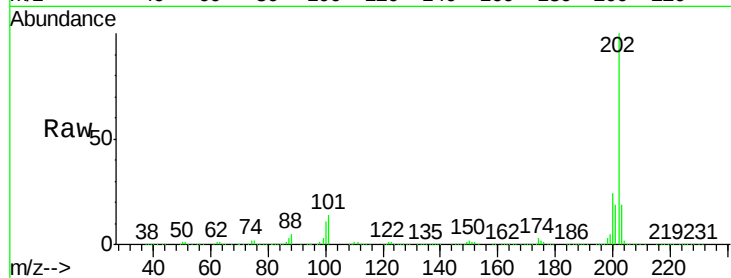
Tgt Ion:202 Resp: 2182705

Ion Ratio Lower Upper

202 100

200 23.8 15.0 22.4#

203 19.4 14.1 21.1



#78

Terphenyl-d14

Concen: 88.57 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

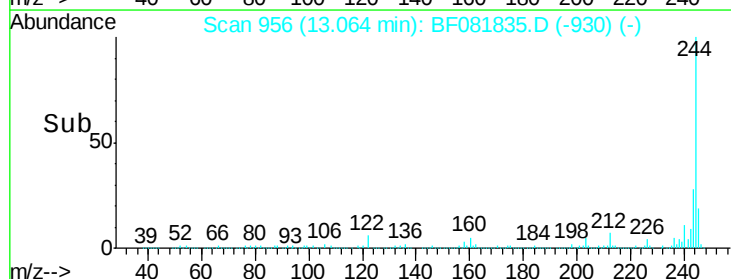
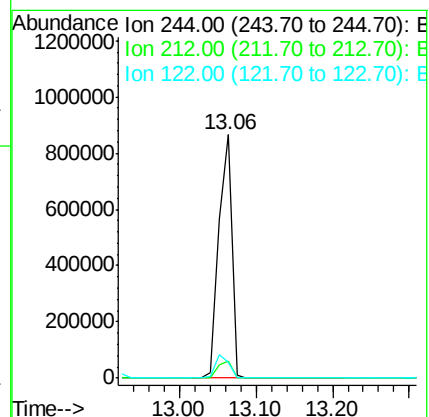
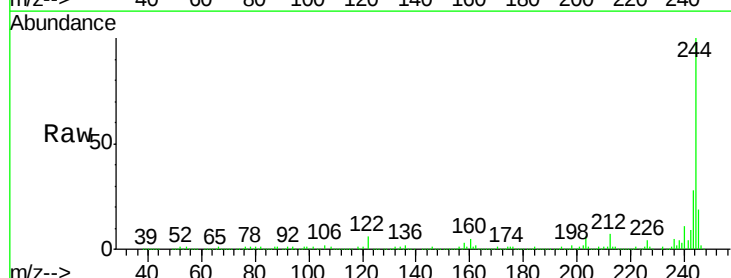
Tgt Ion:244 Resp: 1005037

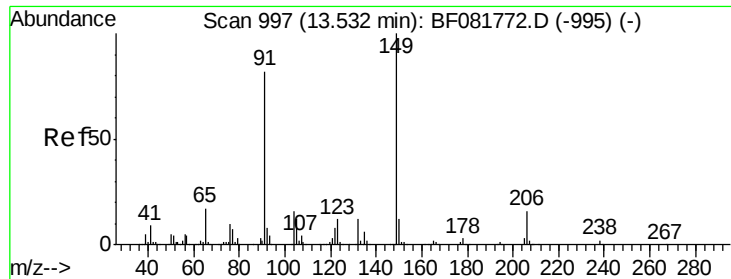
Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

122 6.3 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 46.94 ng

RT: 13.53 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

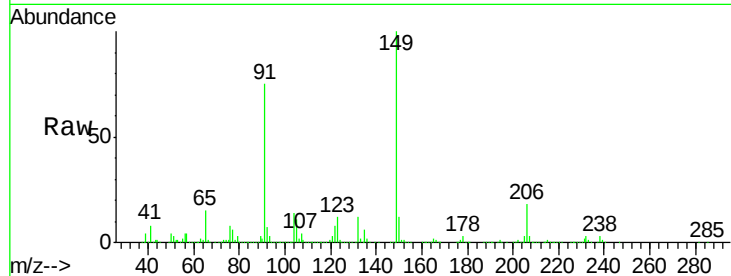
Tgt Ion:149 Resp: 365599

Ion Ratio Lower Upper

149 100

91 74.8 48.6 72.8#

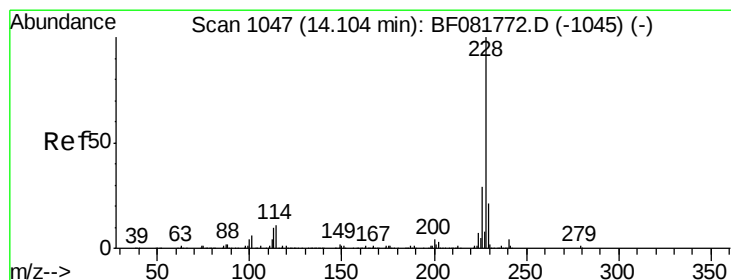
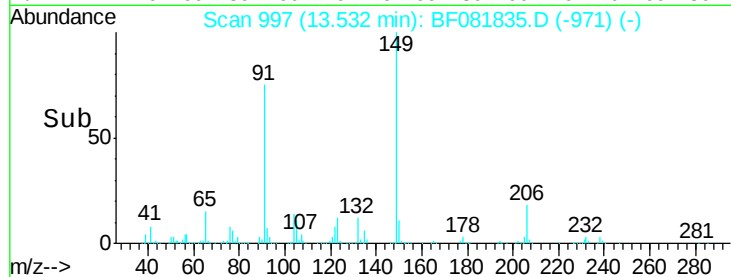
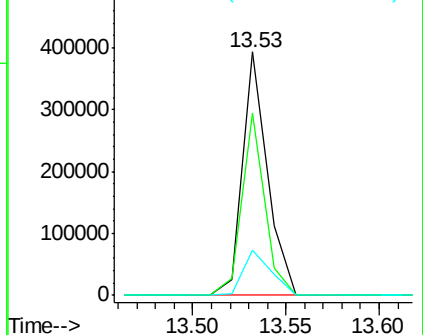
206 18.3 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 99.36 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

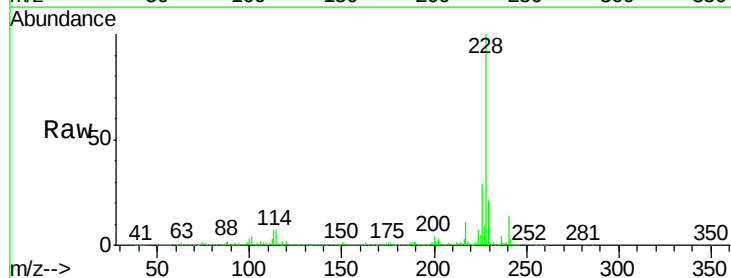
Tgt Ion:228 Resp: 1561838

Ion Ratio Lower Upper

228 100

226 29.0 20.0 30.0

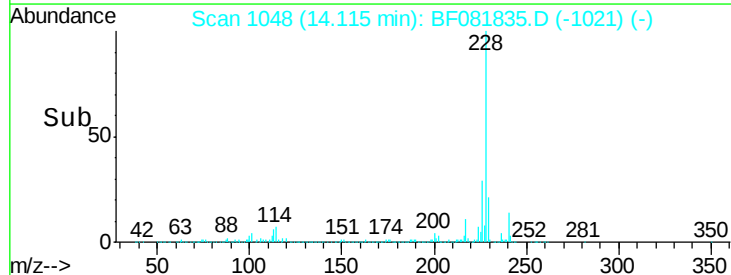
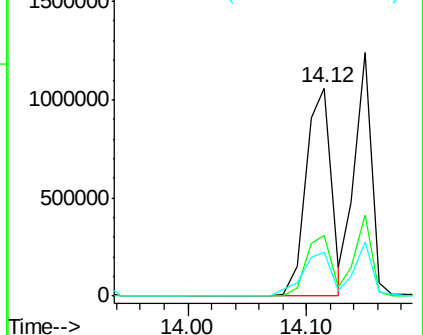
229 20.9 15.4 23.2

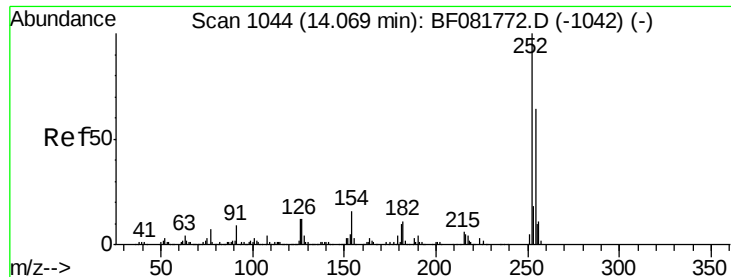


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

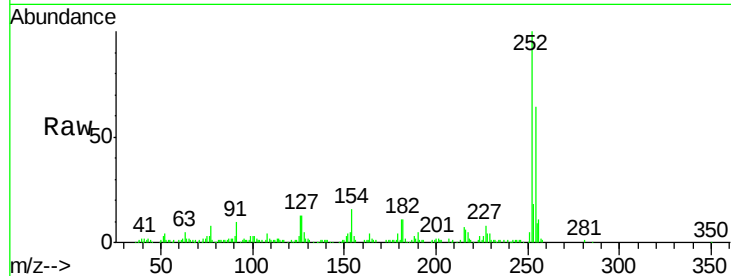




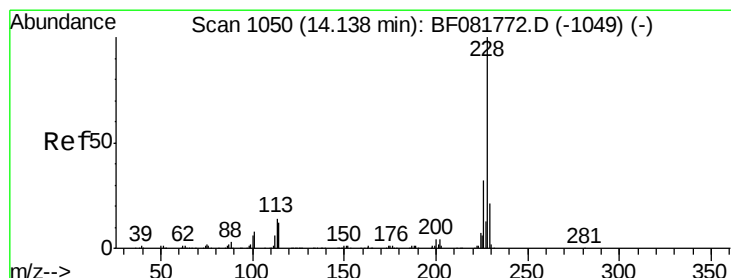
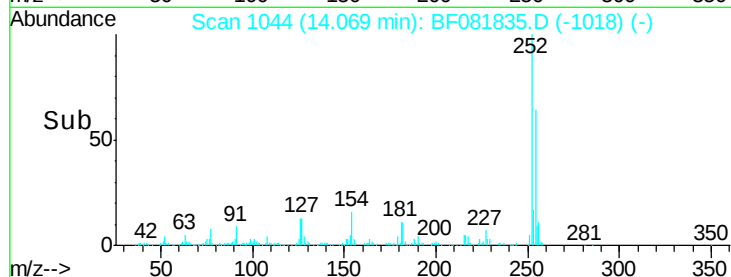
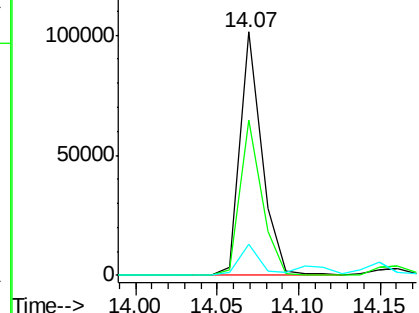
#81
 3,3'-Dichlorobenzidine
 Concen: 18.65 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

Tgt Ion:252 Resp: 93108
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.2
 126 12.8 16.4 24.6#

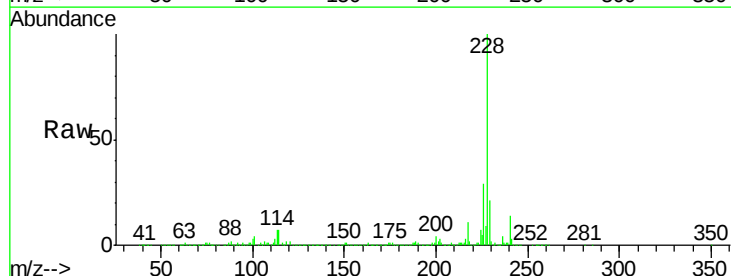


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

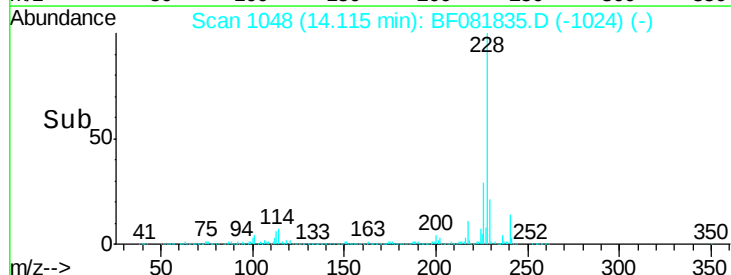
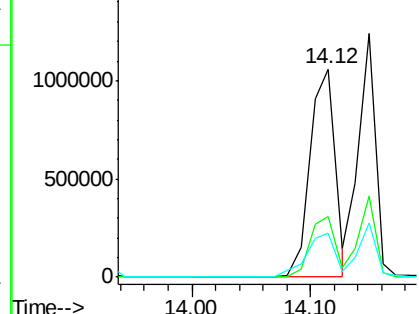


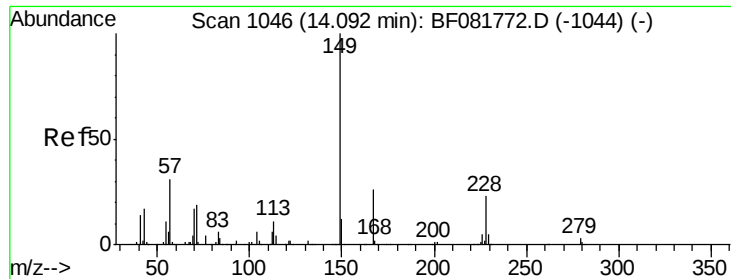
#82
 Chrysene
 Concen: 103.60 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion:228 Resp: 1561838
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.0 31.4
 229 20.9 15.6 23.4



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

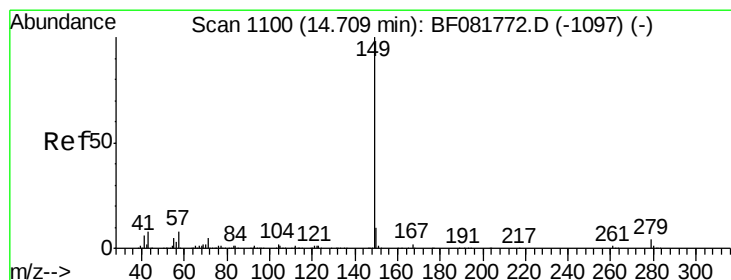
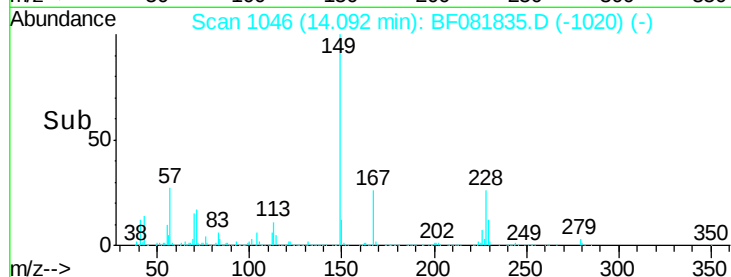
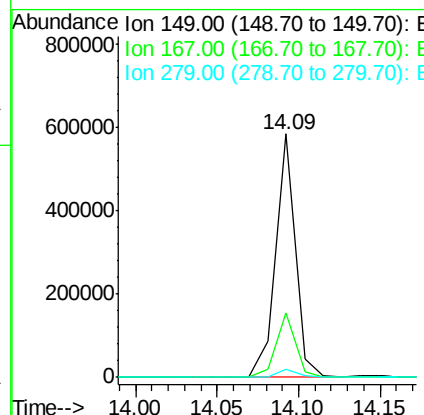
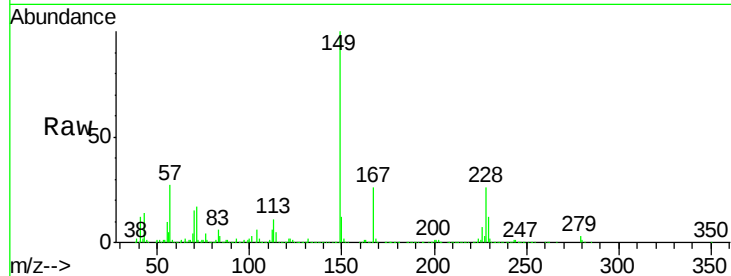




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.27 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

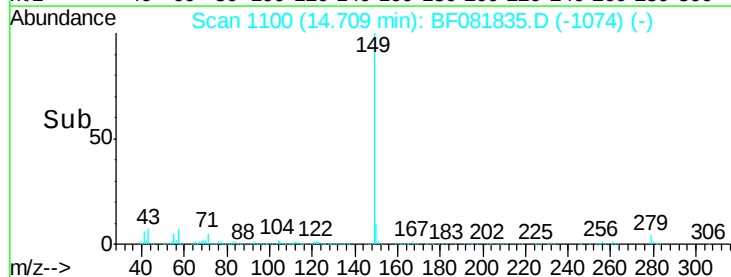
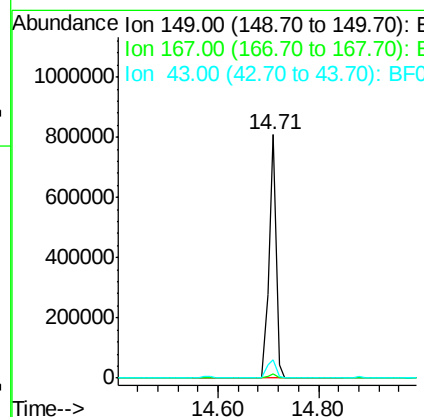
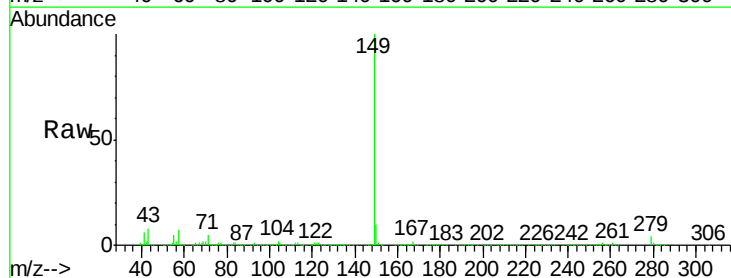
Instrument :
 BNA_F
 ClientSampleId :
 S1-18MSD

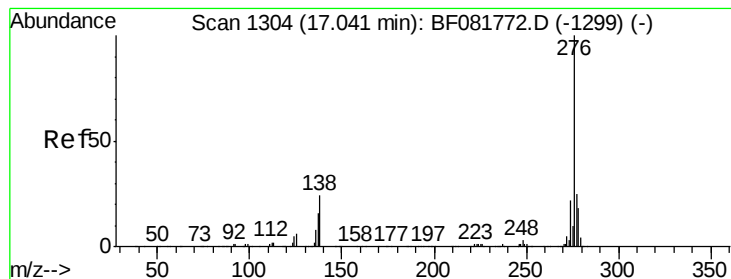
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	24.2	36.2
279	3.2	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 56.58 ng
 RT: 14.71 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF081835.D
 Acq: 26 Sep 2015 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.0	1.6#
43	9.3	10.2	15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 82.08 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

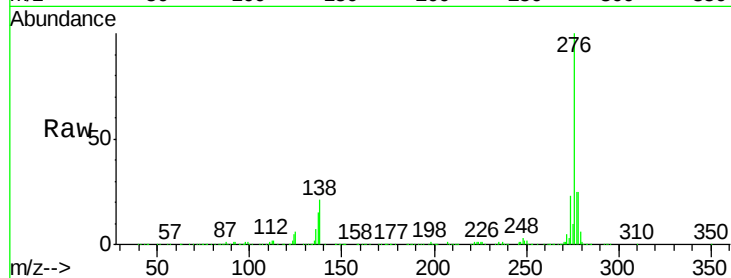
Tgt Ion:276 Resp: 1132813

Ion Ratio Lower Upper

276 100

138 23.0 25.7 38.5#

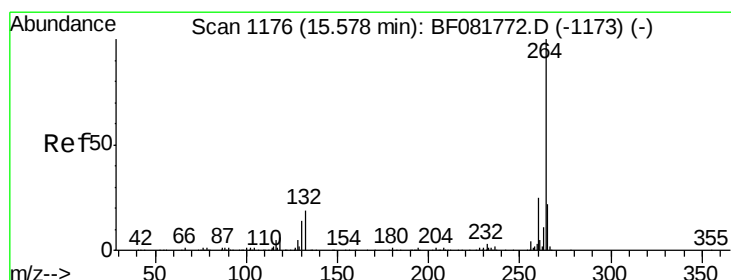
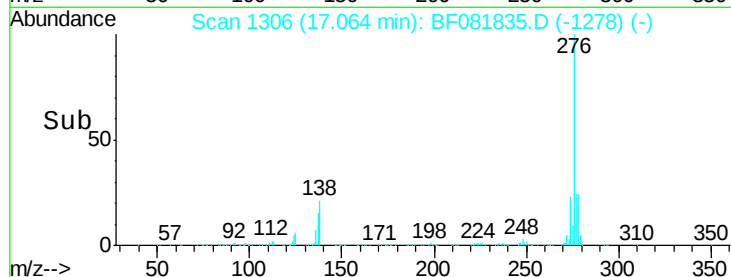
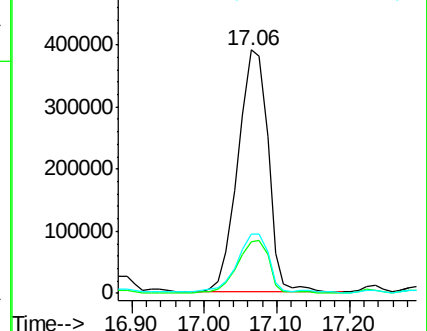
277 25.2 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.59 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

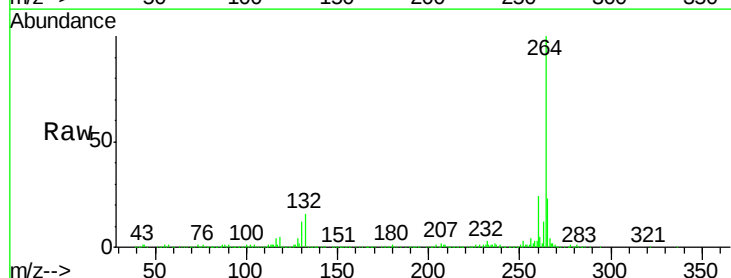
Tgt Ion:264 Resp: 301767

Ion Ratio Lower Upper

264 100

260 24.5 16.7 25.1

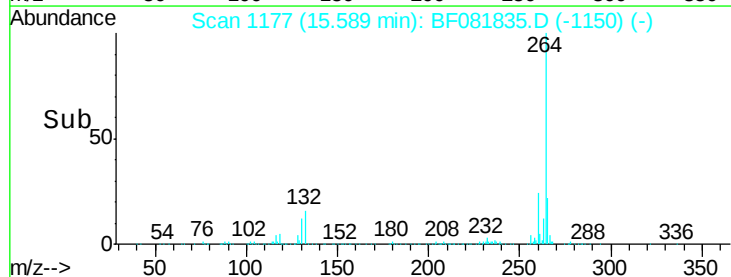
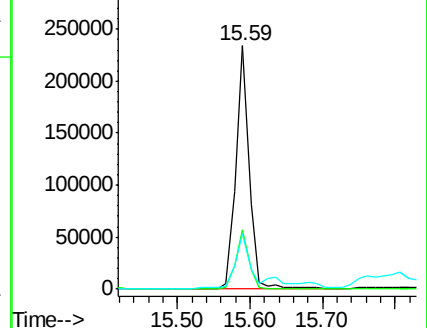
265 22.6 17.2 25.8

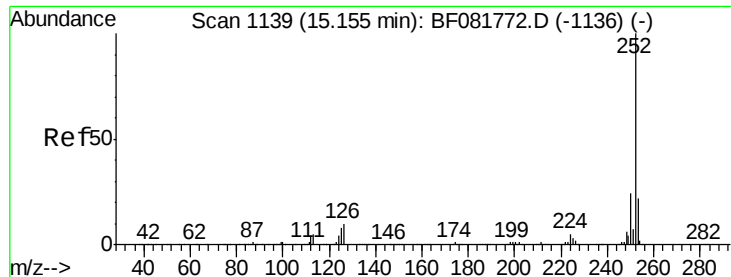


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

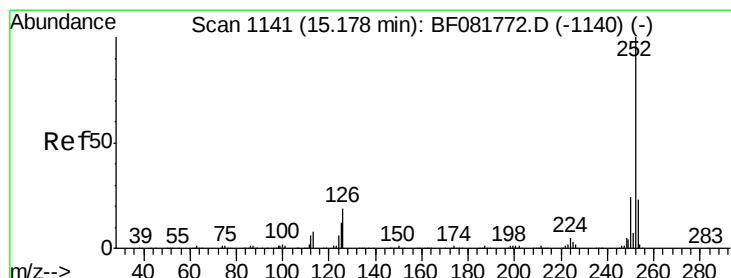
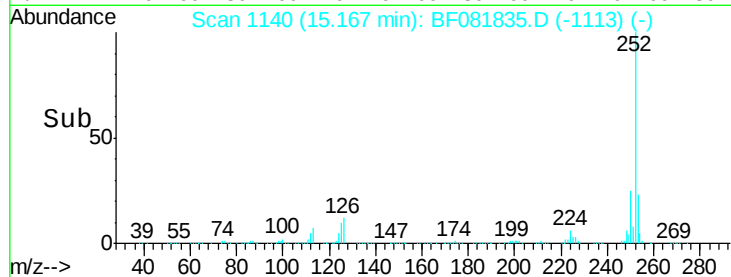
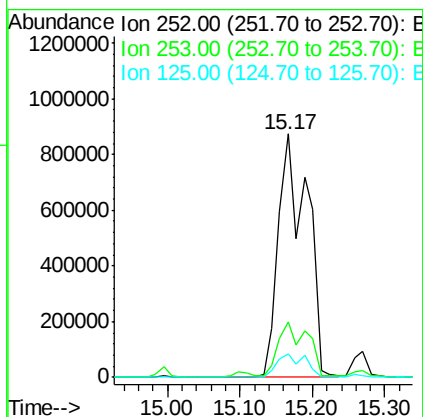
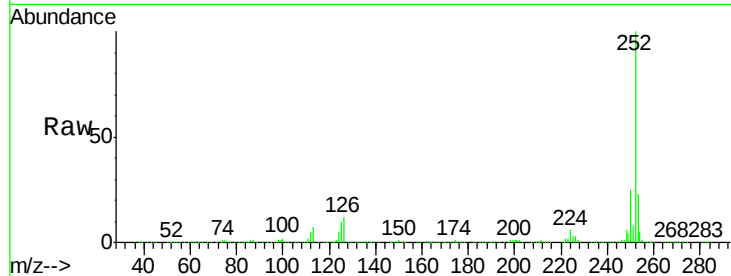




#87
Benzo(b)fluoranthene
Concen: 134.94 ng
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

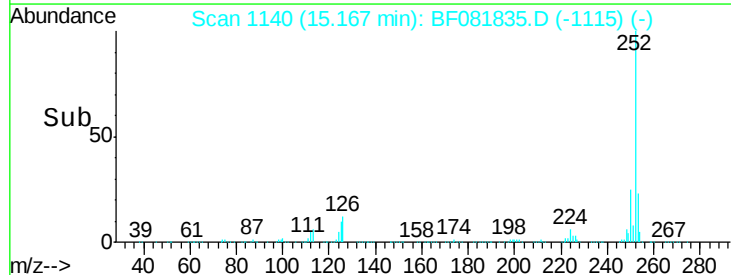
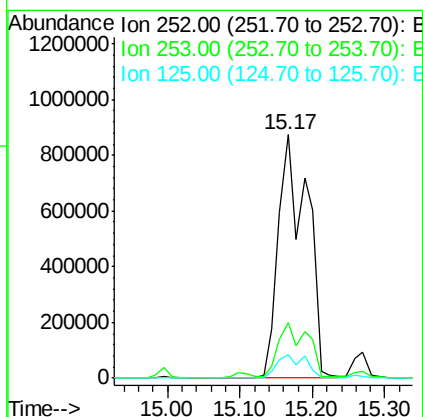
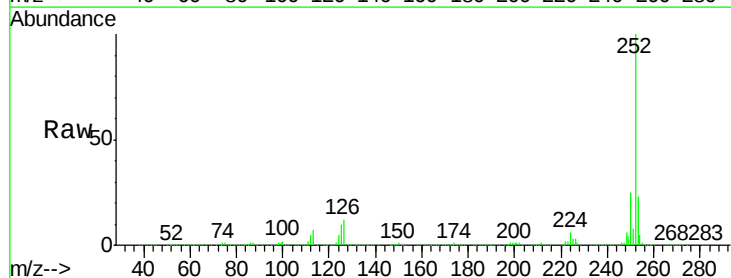
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

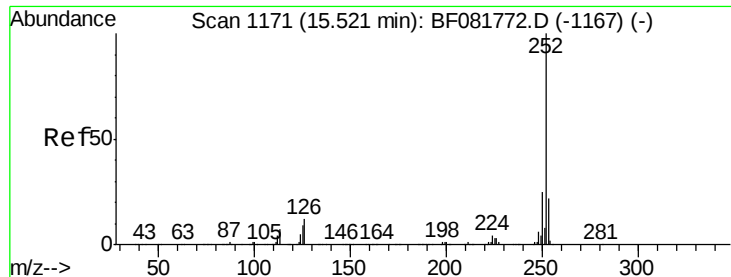
Tgt Ion:252 Resp: 2414716
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 140.09 ng
RT: 15.17 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:252 Resp: 2414716
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 9.8 16.0 24.0#

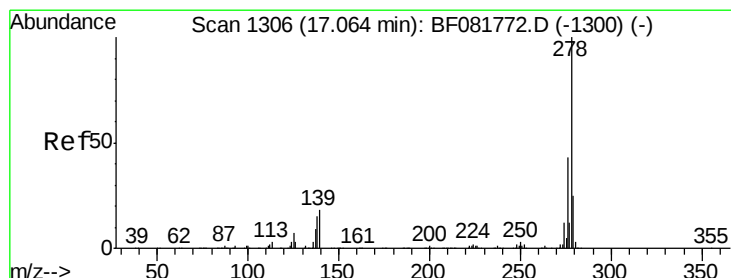
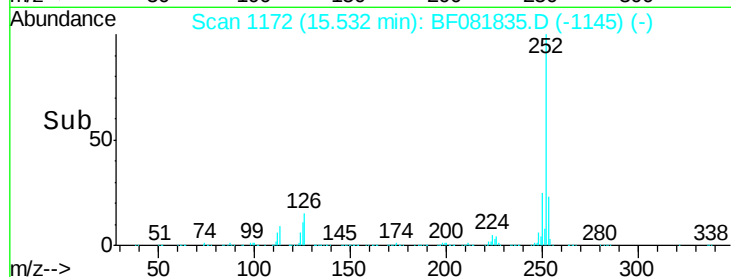
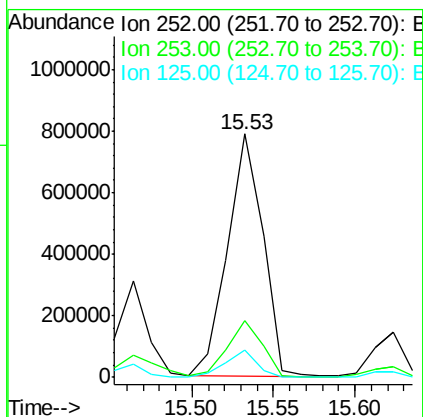
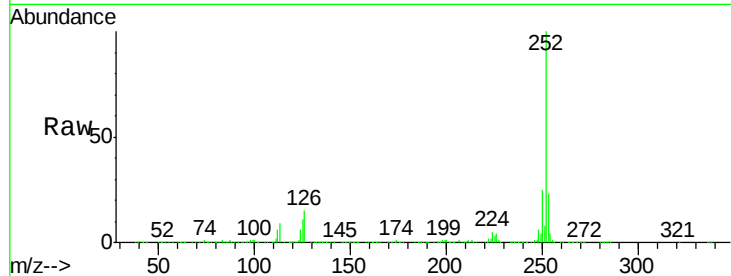




#89
Benzo(a)pyrene
Concen: 73.27 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

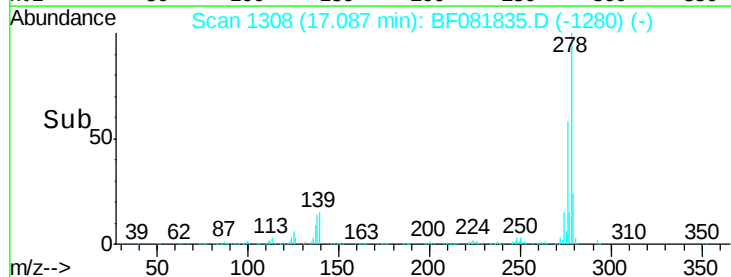
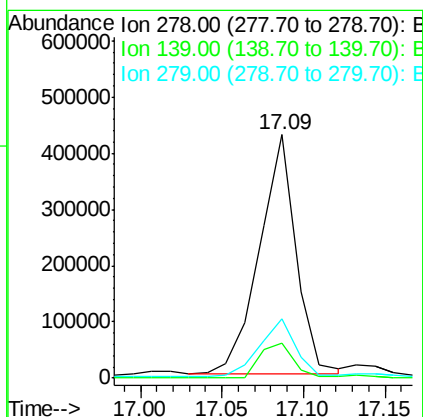
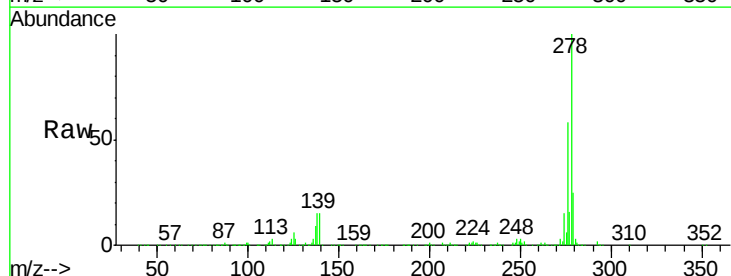
Instrument :
BNA_F
ClientSampleId :
S1-18MSD

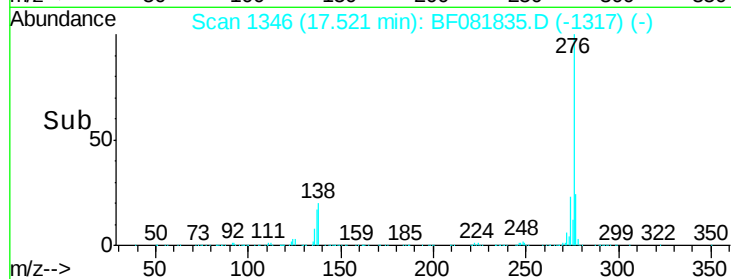
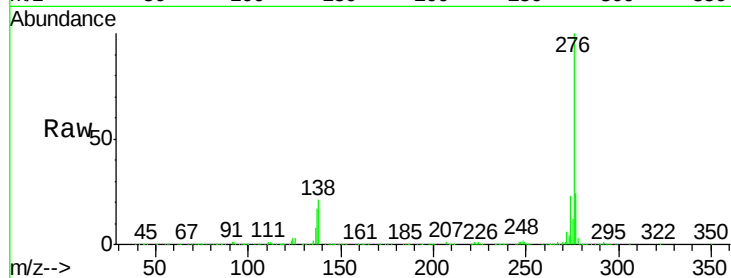
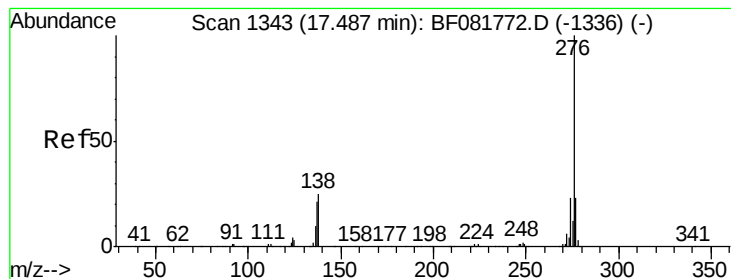
Tgt Ion:252 Resp: 1183825
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 11.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.54 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081835.D
Acq: 26 Sep 2015 18:56

Tgt Ion:278 Resp: 665718
Ion Ratio Lower Upper
278 100
139 14.5 26.3 39.5#
279 24.6 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 54.63 ng

RT: 17.52 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF081835.D

Acq: 26 Sep 2015 18:56

Instrument :

BNA_F

ClientSampleId :

S1-18MSD

Tgt Ion: 276 Resp: 948321

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.6

138 20.5 34.6 51.8#

