

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082437.D
 Acq On : 22 Oct 2015 7:59
 Operator : UM/IZ
 Sample : G4117-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

Quant Time: Oct 22 13:32:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95053	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	353594	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	169255	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	268678	20.00	ng	0.00
75) Chrysene-d12	14.00	240	234526	20.00	ng	-0.01
86) Perylene-d12	15.52	264	225115	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	504625	107.15	ng	0.01
7) Phenol-d6	6.42	99	636463	103.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	398319	75.65	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	103409	65.15	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	770533	75.50	ng	0.00
78) Terphenyl-d14	12.89	244	491413	55.53	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	68718	29.04	ng	98
4) n-Nitrosodimethylamine	3.01	42	73381	31.44	ng	100
6) Aniline	6.43	93	43926	5.56	ng	# 1
8) 2-Chlorophenol	6.56	128	198326	34.49	ng	96
9) Benzaldehyde	6.32	77	90999	29.07	ng	93
10) Phenol	6.43	94	259212	36.68	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	202374	33.87	ng	99
12) 1,3-Dichlorobenzene	6.71	146	224796	33.57	ng	98
13) 1,4-Dichlorobenzene	6.79	146	235581	33.69	ng	99
14) 1,2-Dichlorobenzene	6.94	146	208128	31.35	ng	98
15) Benzyl Alcohol	6.93	79	165958	39.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	263477	31.66	ng	71
17) 2-Methylphenol	7.04	107	154092	33.89	ng	97
18) Hexachloroethane	7.28	117	67211	28.08	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	129469	30.08	ng	# 85
20) 3+4-Methylphenols	7.20	107	194159	35.84	ng	# 65
22) Acetophenone	7.19	105	272746	38.99	ng	# 88
24) Nitrobenzene	7.36	77	192701	33.81	ng	100
25) Isophorone	7.60	82	361053	33.98	ng	100
26) 2-Nitrophenol	7.68	139	100837	35.43	ng	92
27) 2,4-Dimethylphenol	7.73	122	172332	37.59	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	239203	38.69	ng	98
29) 2,4-Dichlorophenol	7.93	162	160289	34.97	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	176408	33.39	ng	97
31) Naphthalene	8.08	128	527193	34.39	ng	99
32) Benzoic acid	7.84	122	69654	22.64	ng	98
33) 4-Chloroaniline	8.14	127	81015	12.73	ng	# 95
34) Hexachlorobutadiene	8.19	225	106189	32.26	ng	98
35) Caprolactam	8.50	113	37965	28.54	ng	# 76
36) 4-Chloro-3-methylphenol	8.63	107	164807	36.77	ng	98
37) 2-Methylnaphthalene	8.78	142	381393	35.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	169639	33.70	ng	97
40) Hexachlorocyclopentadiene	8.93	237	11543	12.37	ng	96
42) 2,4,6-Trichlorophenol	9.06	196	112523	33.65	ng	99

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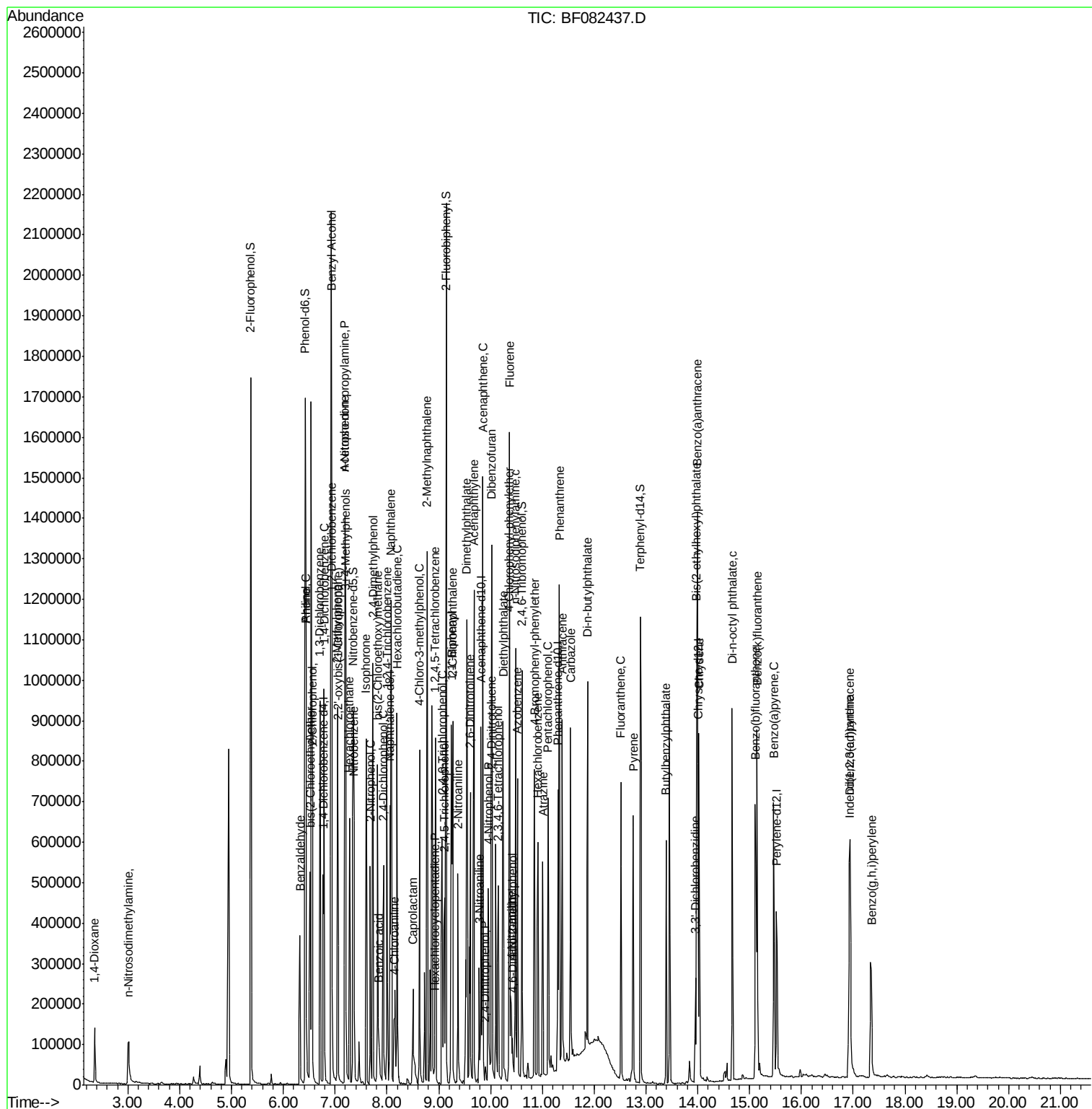
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43) 2,4,5-Trichlorophenol	9.11	196	111897	30.89	nq	95
45) 1,1'-Biphenyl	9.25	154	435789	33.76	nq	94
46) 2-Chloronaphthalene	9.27	162	352421	34.69	nq	100
47) 2-Nitroaniline	9.37	65	100637	36.08	nq	# 71
48) Acenaphthylene	9.68	152	547371	34.58	nq	99
49) Dimethylphthalate	9.54	163	538062	45.14	nq	100
50) 2,6-Dinitrotoluene	9.61	165	85122	33.85	nq	# 85
51) Acenaphthene	9.85	154	322976	33.99	nq	99
52) 3-Nitroaniline	9.78	138	67071	23.61	nq	99
53) 2,4-Dinitrophenol	9.90	184	10870	13.51	nq	96
54) Dibenzofuran	10.02	168	468935	35.95	nq	99
55) 4-Nitrophenol	9.95	139	90155	53.06	nq	84
56) 2,4-Dinitrotoluene	10.01	165	95950	30.53	nq	# 80
57) Fluorene	10.37	166	361454	33.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	85593	28.92	nq	96
59) Diethylphthalate	10.24	149	366683	33.01	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	167346	34.10	nq	97
61) 4-Nitroaniline	10.40	138	74041	26.87	nq	93
62) Azobenzene	10.51	77	345384	31.76	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	11827	7.84	nq	74
65) n-Nitrosodiphenylamine	10.48	169	268419	33.37	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	90755	33.75	nq	# 90
67) Hexachlorobenzene	10.91	284	99487	34.21	nq	# 92
68) Atrazine	11.01	200	62559	24.55	nq	97
69) Pentachlorophenol	11.11	266	82375	55.05	nq	99
70) Phenanthrene	11.33	178	450197	34.18	nq	99
71) Anthracene	11.38	178	462932	34.11	nq	99
72) Carbazole	11.54	167	404770	32.70	nq	97
73) Di-n-butylphthalate	11.88	149	560767	36.72	nq	# 97
74) Fluoranthene	12.52	202	414364	29.29	nq	96
77) Pyrene	12.76	202	427637	30.73	nq	97
79) Butylbenzylphthalate	13.38	149	199540	31.42	nq	# 86
80) Benzo(a)anthracene	13.99	228	379908	31.13	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	74325	16.05	nq	# 99
82) Chrysene	14.02	228	362411	28.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	278521	30.74	nq	# 96
84) Di-n-octyl phthalate	14.66	149	496800	31.92	nq	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	329211	32.21	nq	97
87) Benzo(b)fluoranthene	15.11	252	434951	31.76	nq	99
88) Benzo(k)fluoranthene	15.14	252	329776m	28.65	nq	
89) Benzo(a)pyrene	15.46	252	361407	30.70	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	297970	30.89	nq	99
91) Benzo(g,h,i)perylene	17.35	276	253795	27.08	nq	98

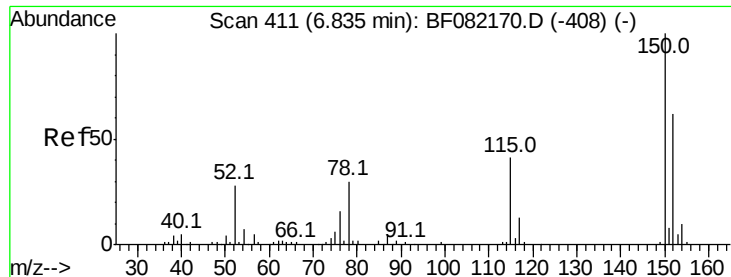
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

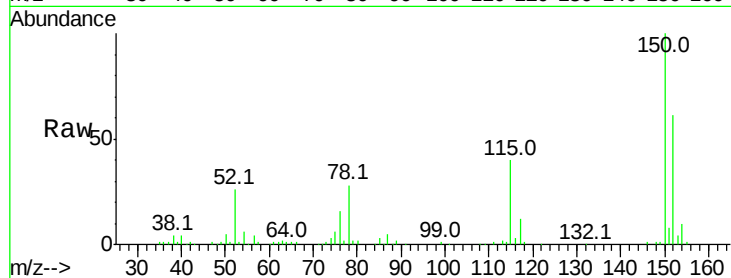
Tot Ion:152 Resp: 95053

Ion Ratio Lower Upper

152 100

150 162.7 129.0 193.4

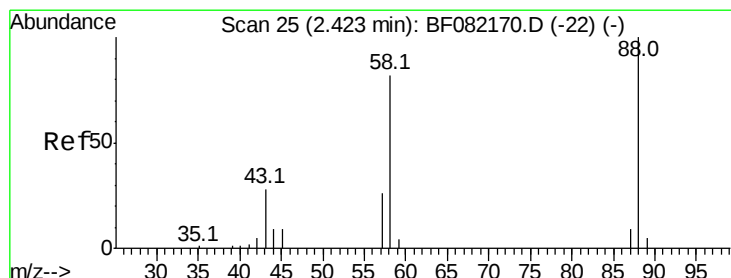
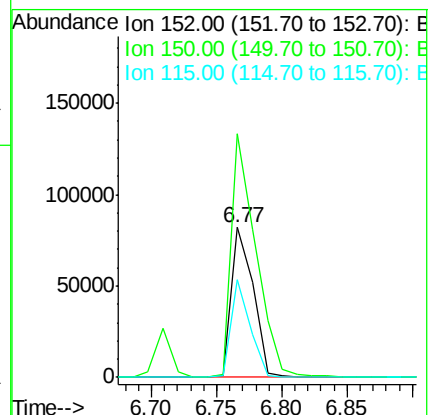
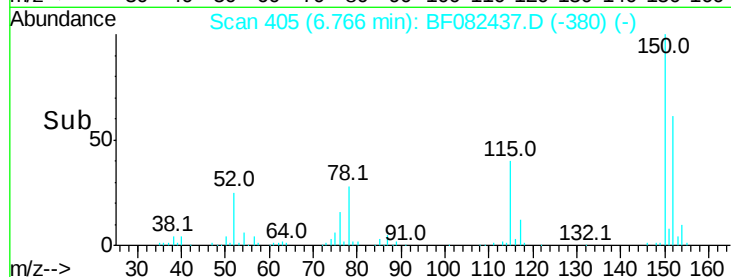
115 64.9 52.1 78.1



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: 29.04 ng

RT: 2.35 min Scan# 19

Delta R.T. 0.06 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

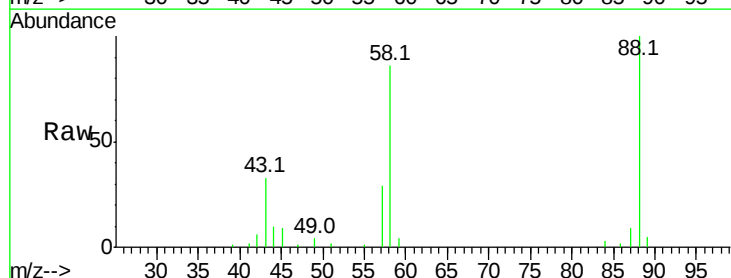
Tgt Ion: 88 Resp: 68718

Ion Ratio Lower Upper

88 100

58 81.5 66.2 99.4

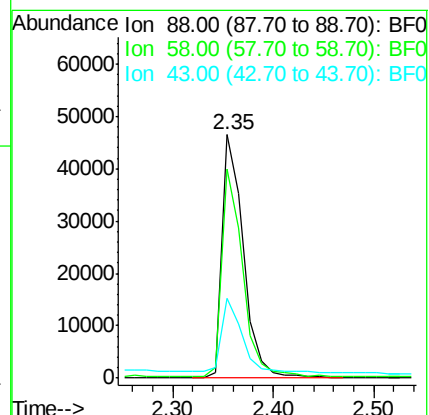
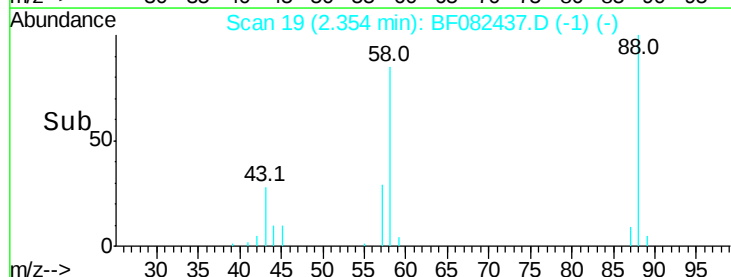
43 29.9 23.0 34.4

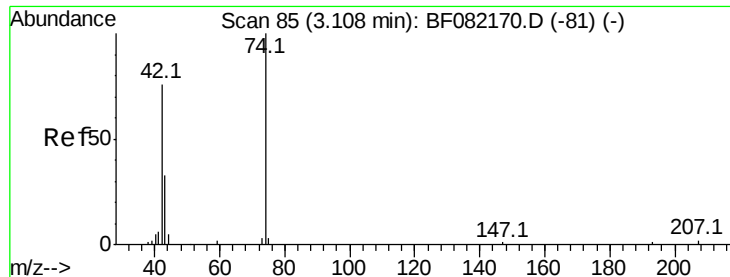


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 31.44 ng

RT: 3.01 min Scan# 76

Delta R.T. 0.03 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

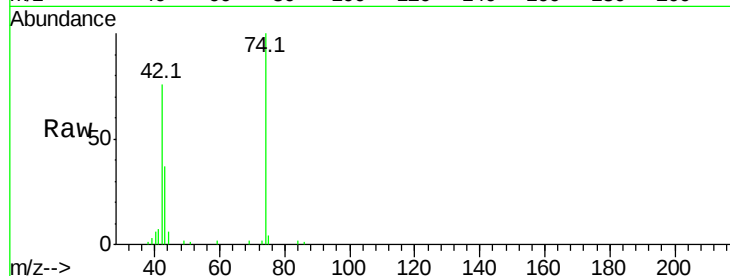
Tot Ion: 42 Resp: 73381

Ion Ratio Lower Upper

42 100

74 131.8 105.7 158.5

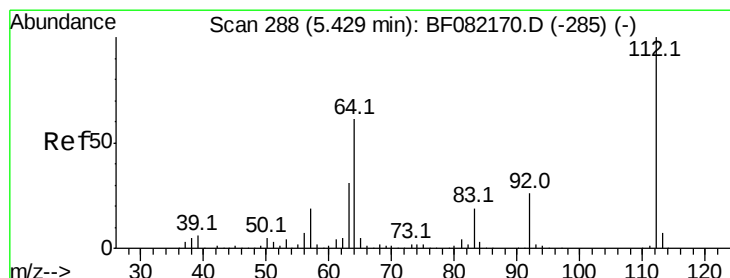
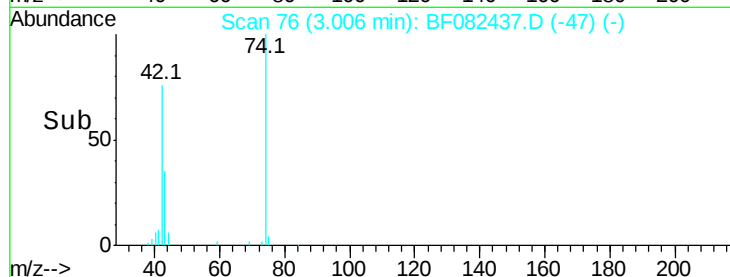
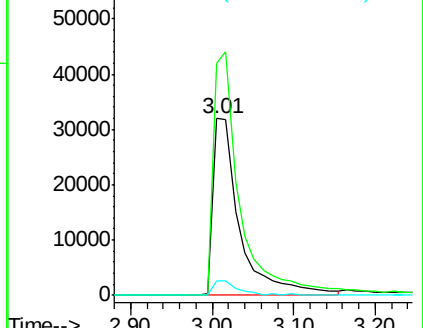
44 8.0 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 107.15 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

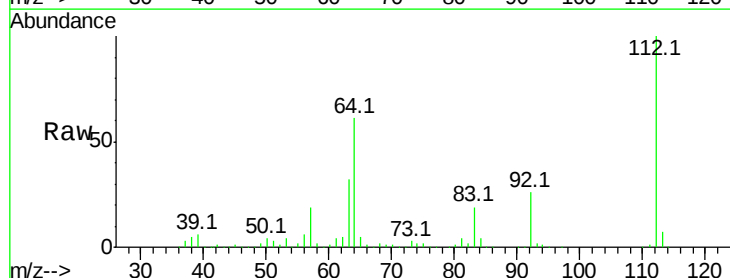
Tgt Ion: 112 Resp: 504625

Ion Ratio Lower Upper

112 100

64 61.4 48.6 73.0

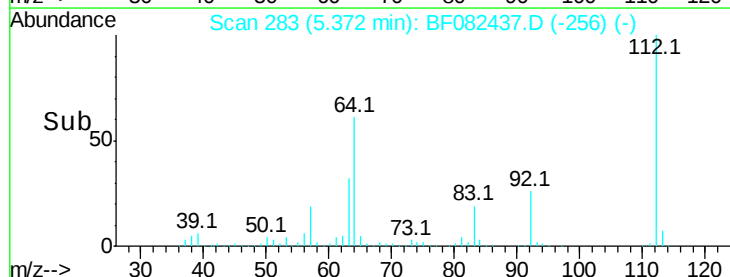
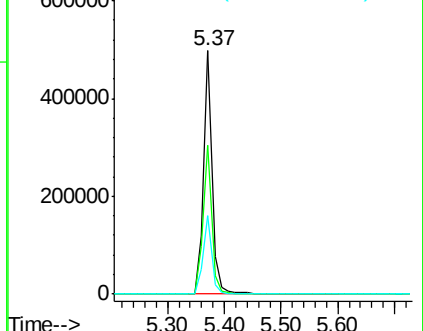
63 32.0 25.1 37.7

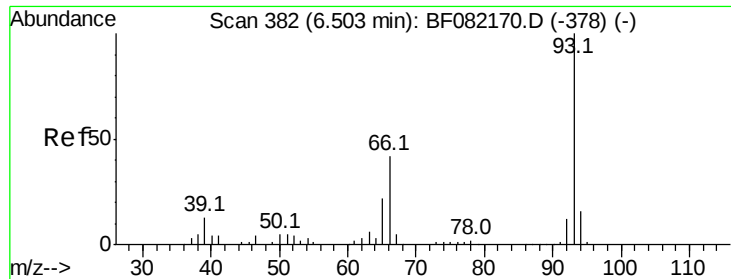


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

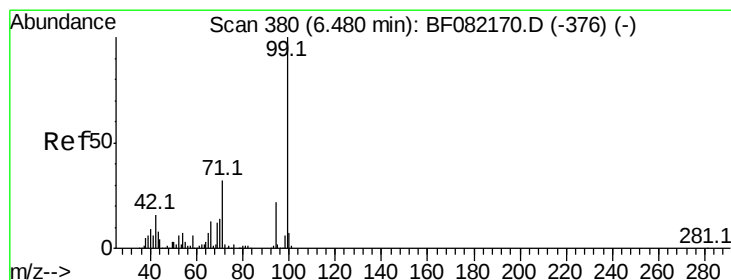
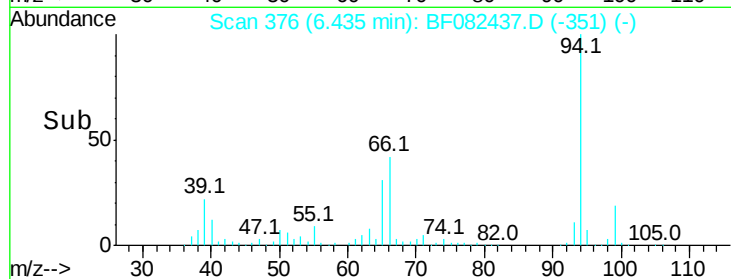
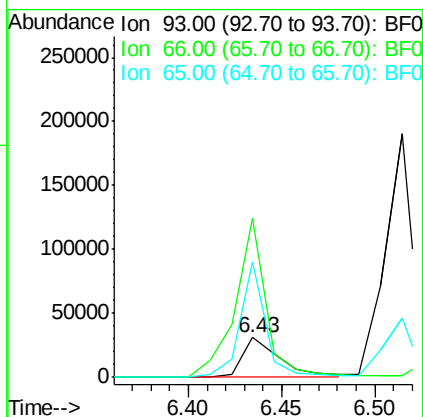
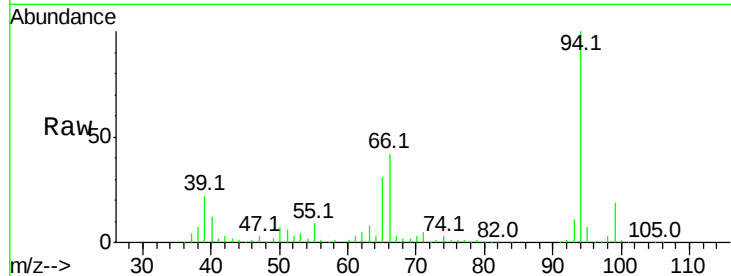




#6
Aniline
Concen: 5.56 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

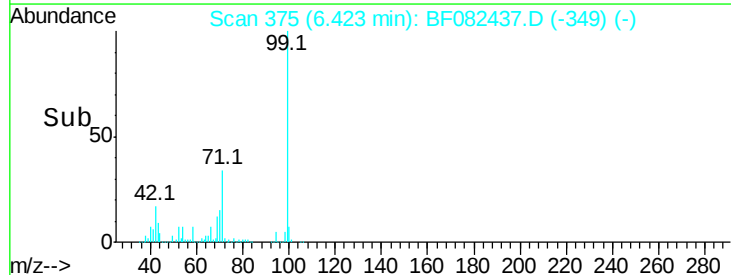
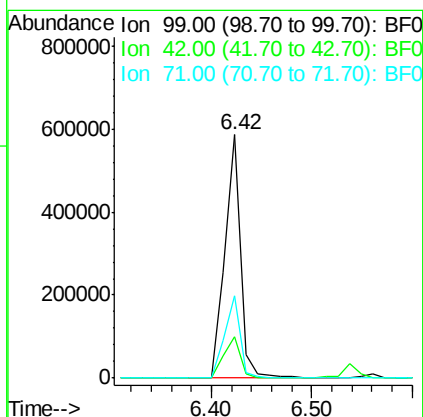
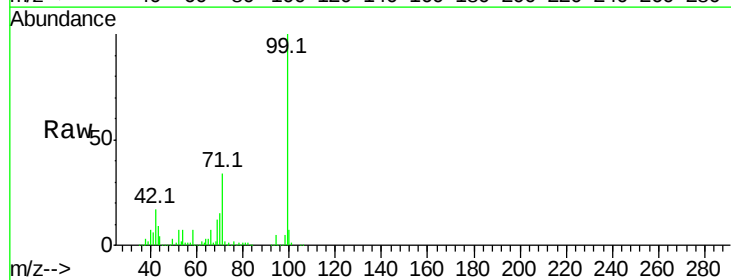
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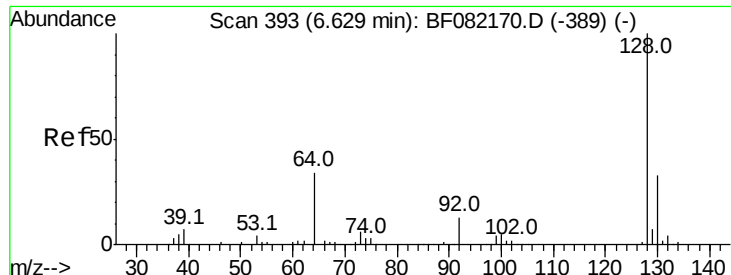
Tot Ion: 93 Resp: 43926
Ion Ratio Lower Upper
93 100
66 397.9 34.2 51.2#
65 289.2 17.9 26.9#



#7
Phenol-d6
Concen: 103.85 ng
RT: 6.42 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion: 99 Resp: 636463
Ion Ratio Lower Upper
99 100
42 17.3 13.2 19.8
71 34.0 25.6 38.4





#8

2-Chlorophenol

Concen: 34.49 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

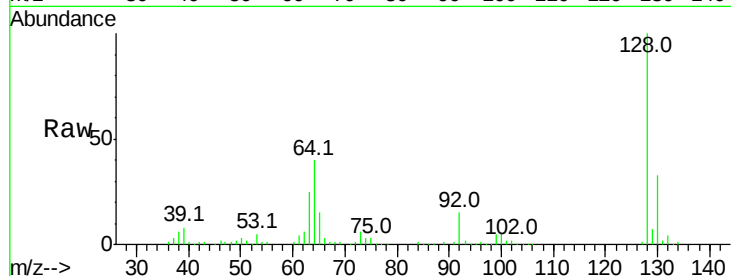
Tot Ion:128 Resp: 198326

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

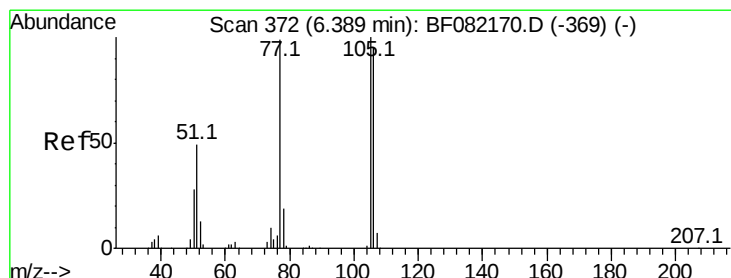
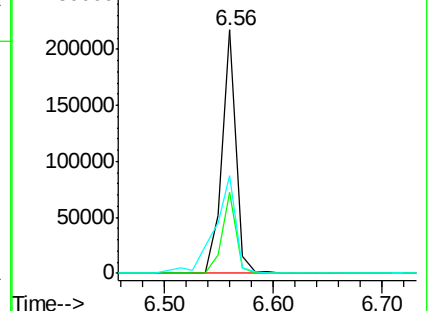
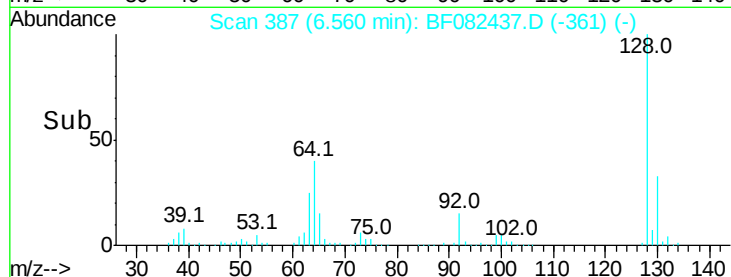
64 40.3 16.7 56.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 29.07 ng

RT: 6.32 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

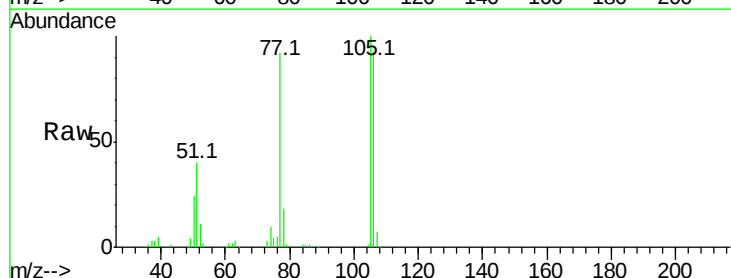
Tgt Ion: 77 Resp: 90999

Ion Ratio Lower Upper

77 100

105 108.6 80.6 120.6

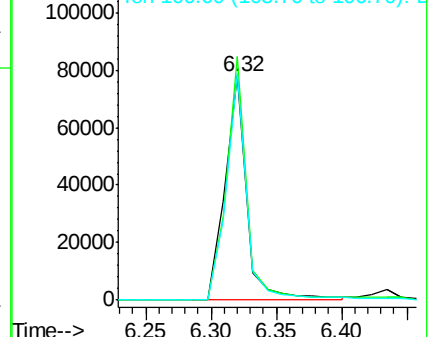
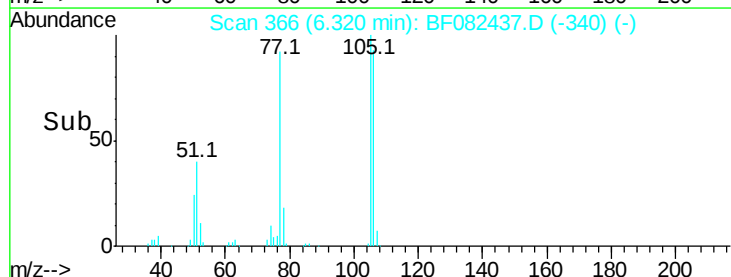
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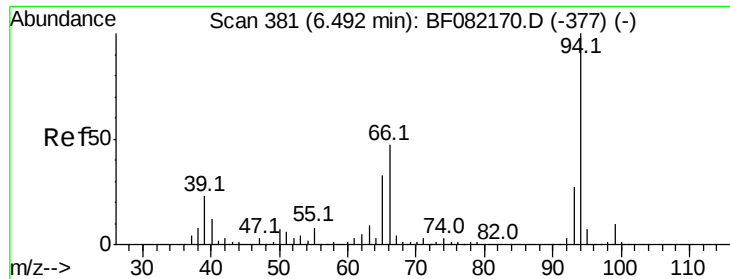


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 36.68 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.00 min

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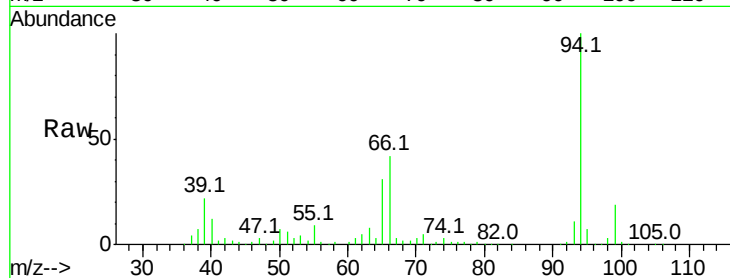
Tot Ion: 94 Resp: 259212

Ion Ratio Lower Upper

94 100

65 30.8 12.6 52.6

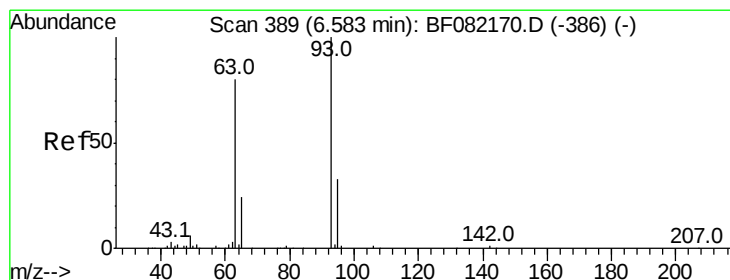
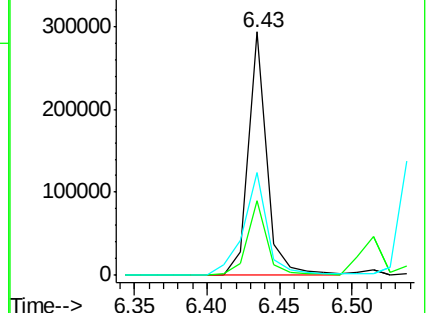
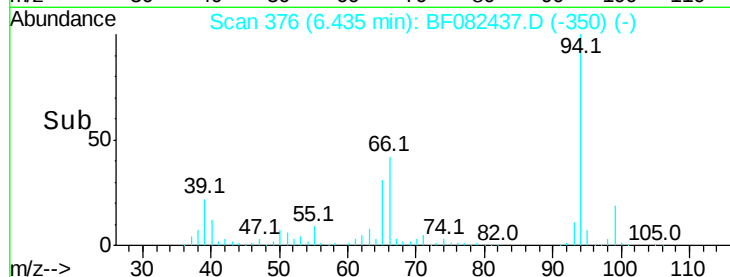
66 42.4 27.3 67.3



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: 33.87 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

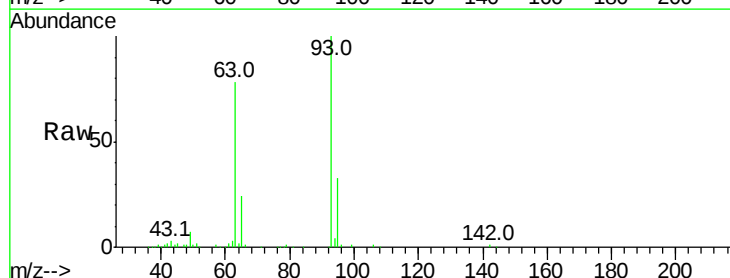
Tgt Ion: 93 Resp: 202374

Ion Ratio Lower Upper

93 100

63 78.3 57.1 97.1

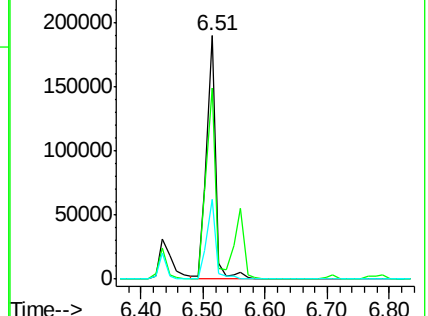
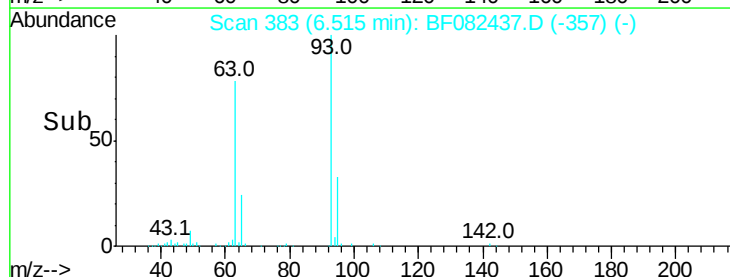
95 32.5 11.9 51.9

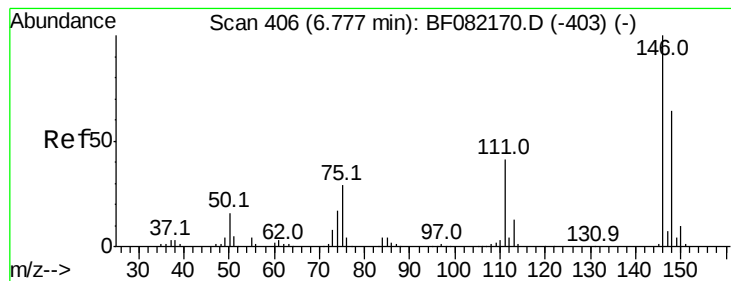


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 33.57 ng

RT: 6.71 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

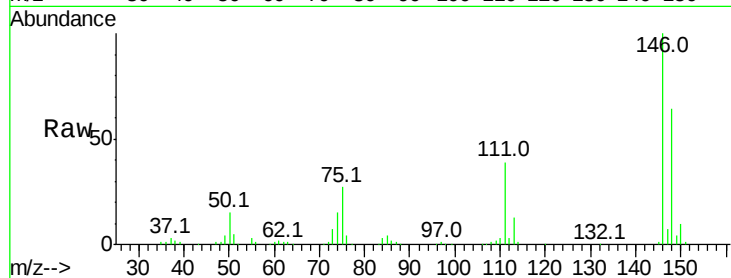
Tot Ion:146 Resp: 224796

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

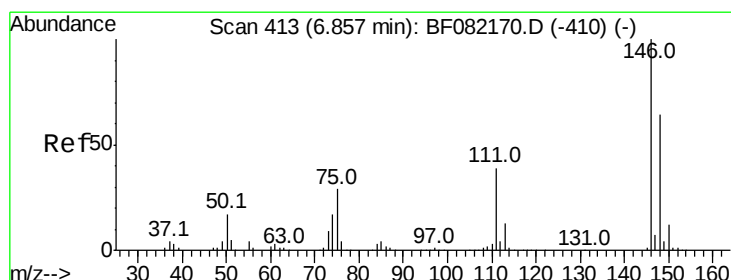
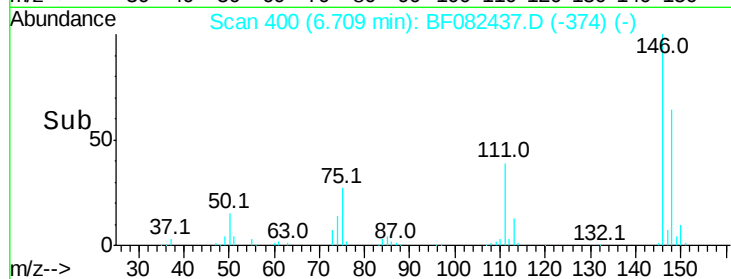
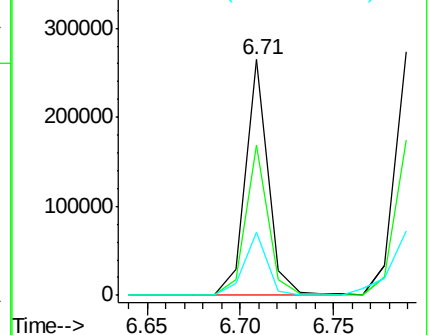
75 26.7 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 33.69 ng

RT: 6.79 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

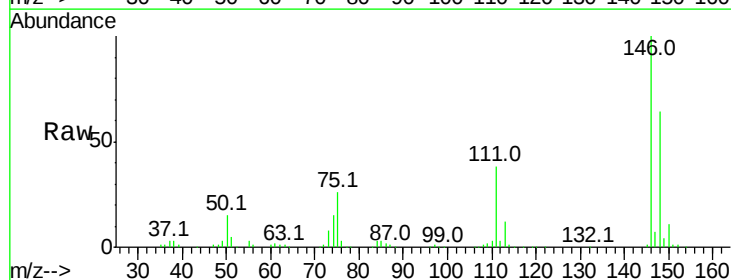
Tgt Ion:146 Resp: 235581

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

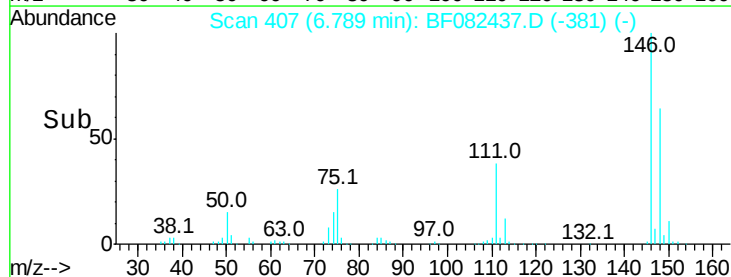
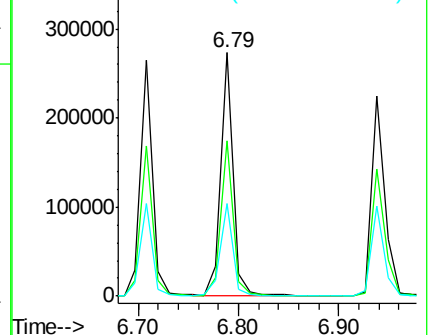
111 37.8 31.1 46.7

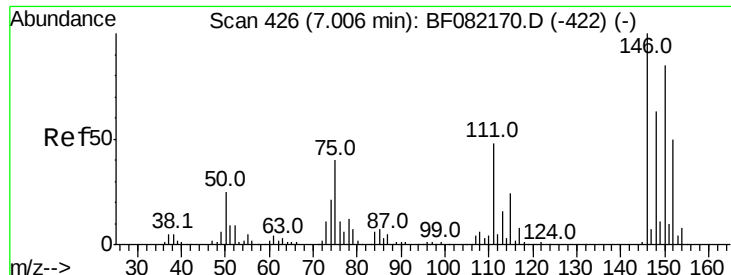


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 31.35 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

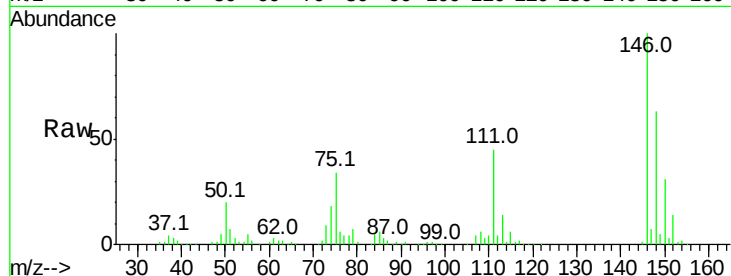
Tot Ion:146 Resp: 208128

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

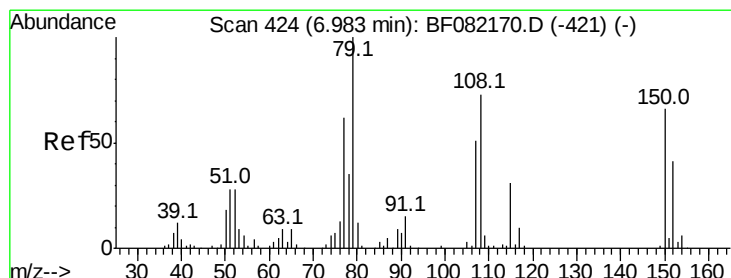
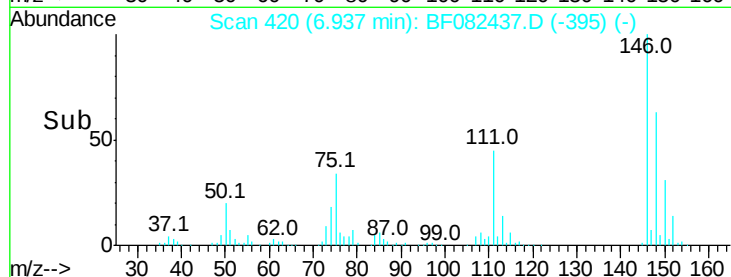
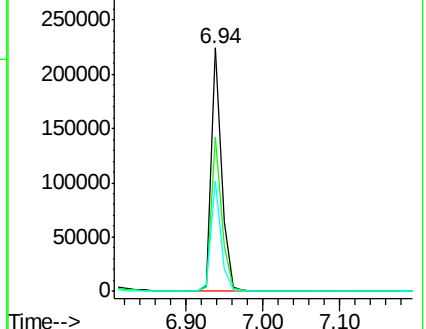
111 45.4 38.5 57.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 39.22 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

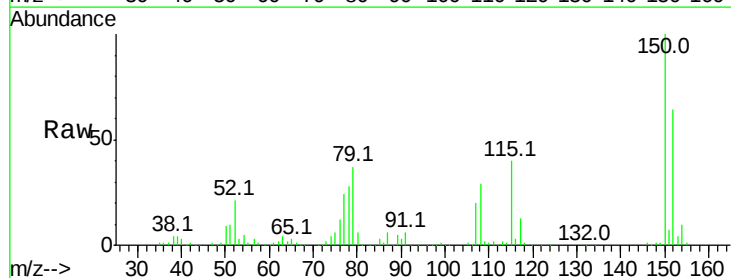
Tgt Ion: 79 Resp: 165958

Ion Ratio Lower Upper

79 100

108 78.8 58.4 87.6

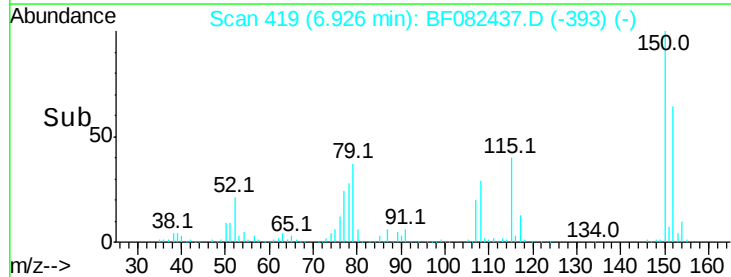
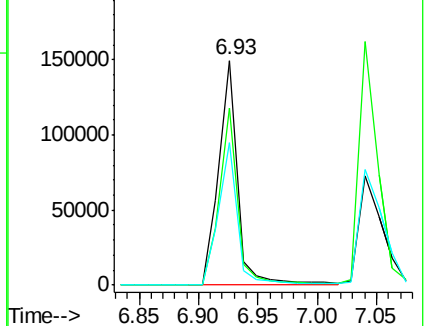
77 63.4 49.8 74.6

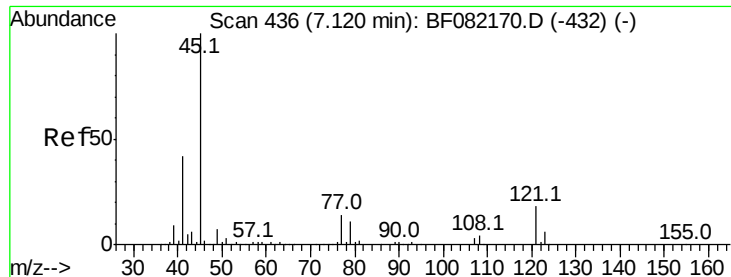


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

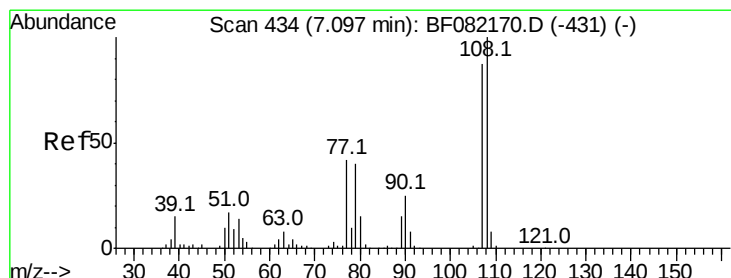
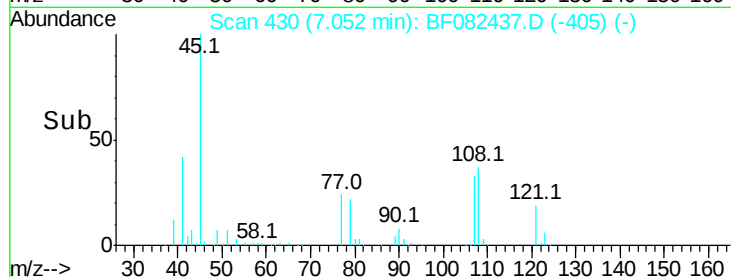
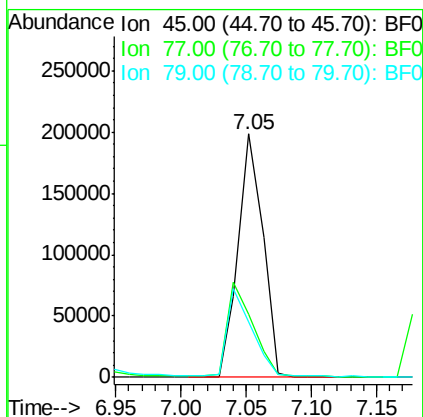
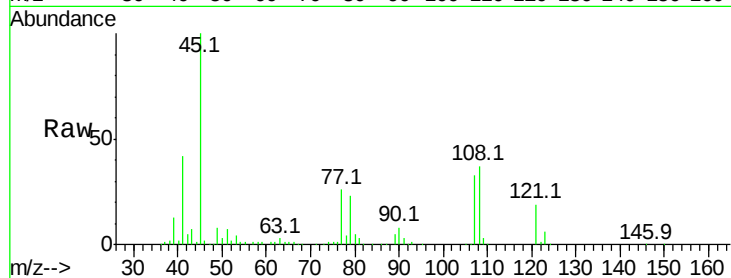




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.66 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

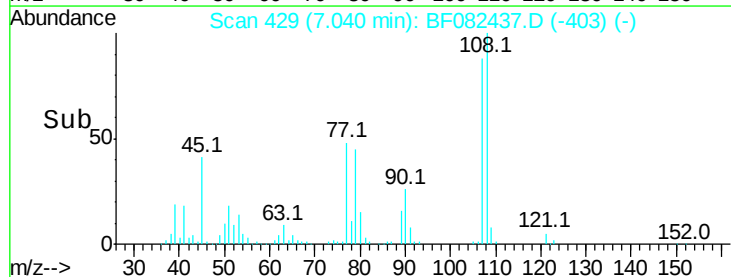
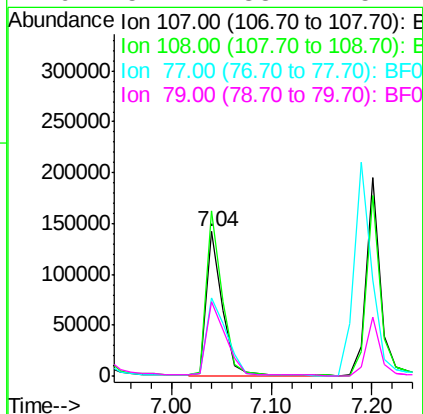
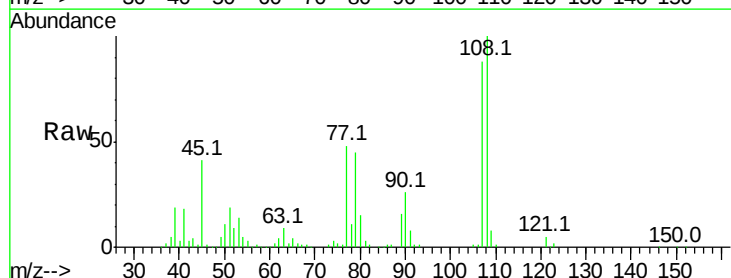
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

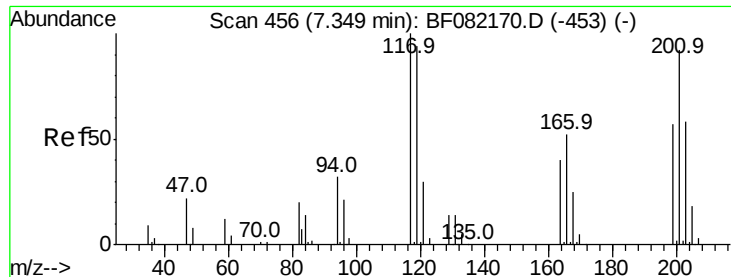
Tot Ion: 45 Resp: 263477
Ion Ratio Lower Upper
45 100
77 26.0 0.0 34.5
79 23.0 0.0 31.6



#17
2-Methylphenol
Concen: 33.89 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:107 Resp: 154092
Ion Ratio Lower Upper
107 100
108 114.2 92.2 138.2
77 54.3 39.6 59.4
79 51.2 38.2 57.4

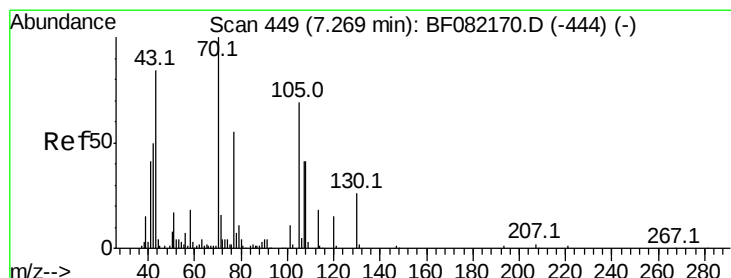
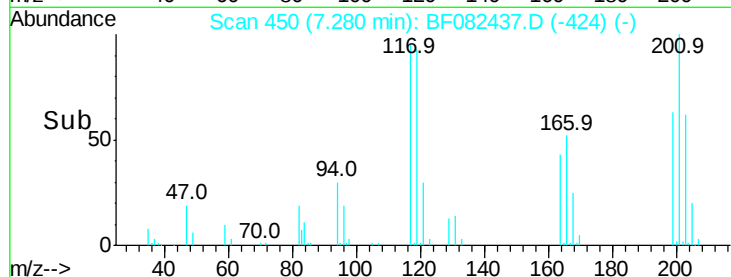
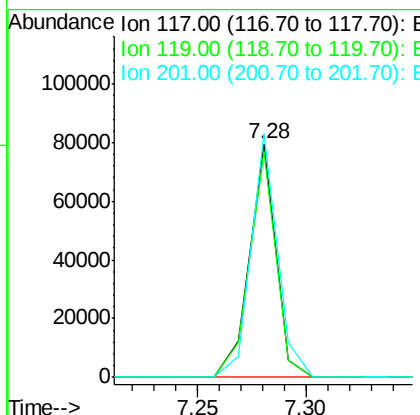
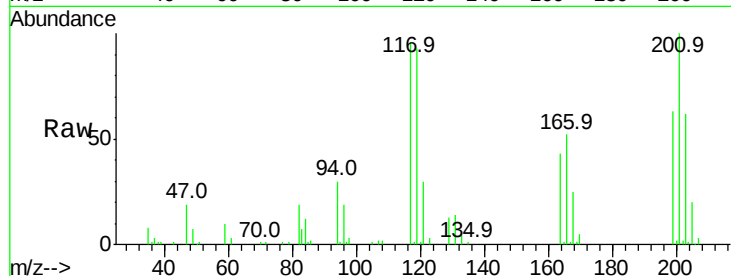




#18
Hexachloroethane
Concen: 28.08 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

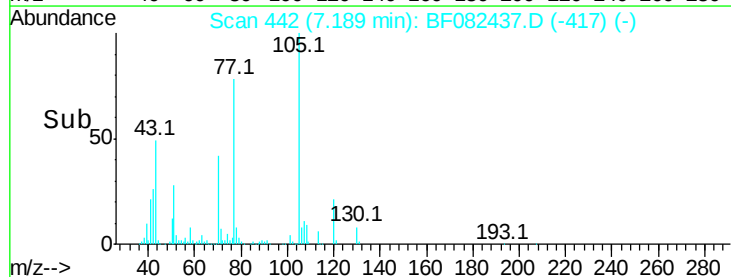
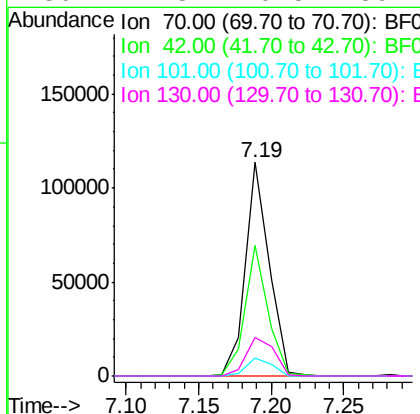
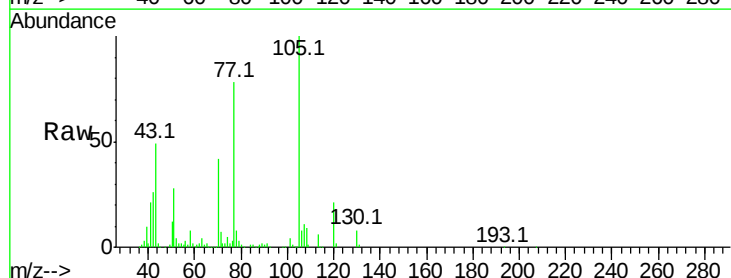
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

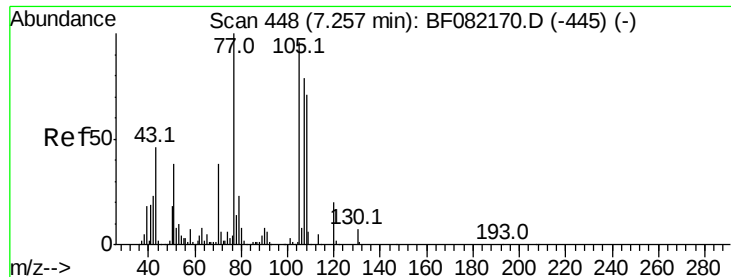
Tot Ion:117 Resp: 67211
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.2
201 104.1 73.4 110.0



#19
n-Nitroso-di-n-propylamine
Concen: 30.08 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion: 70 Resp: 129469
Ion Ratio Lower Upper
70 100
42 61.0 39.8 59.8#
101 8.6 8.6 13.0#
130 17.8 20.5 30.7#

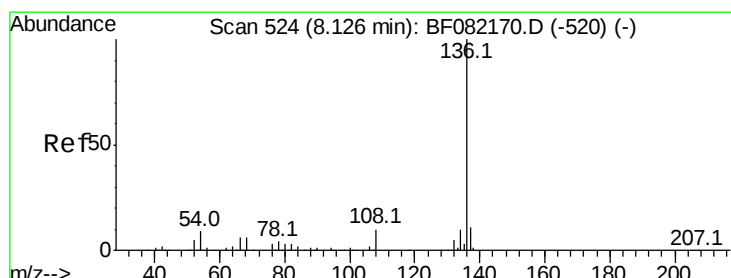
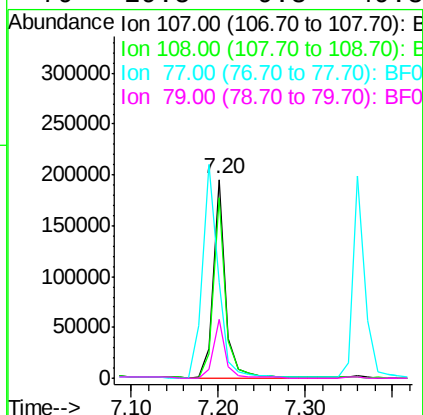
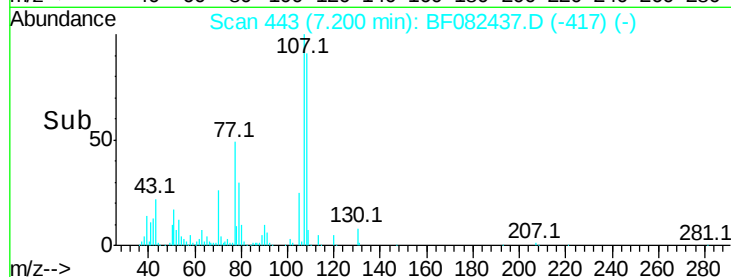
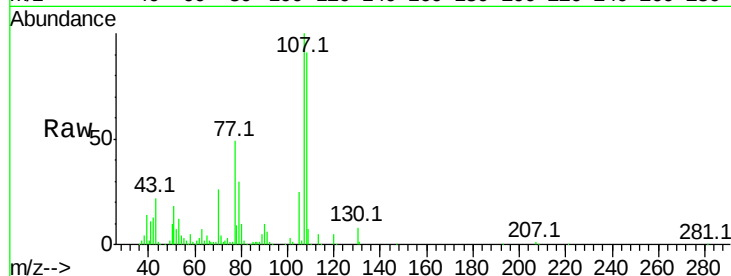




#20
3+4-Methylphenols
Concen: 35.84 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

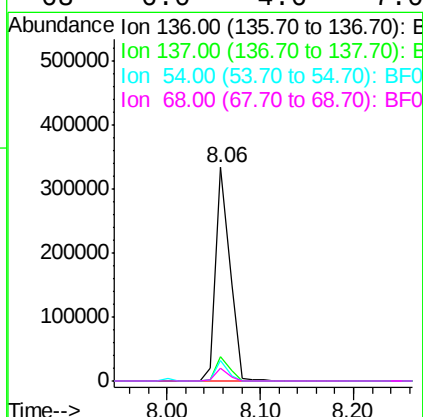
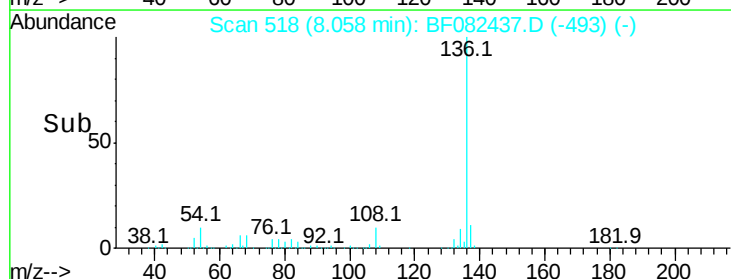
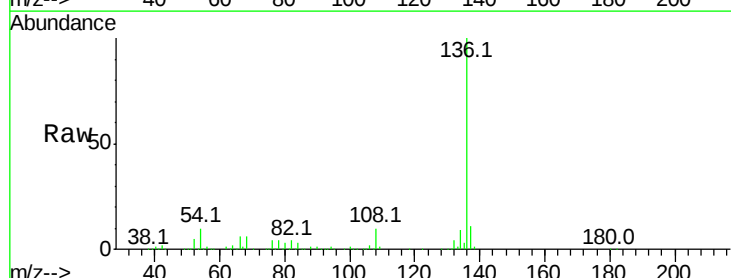
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

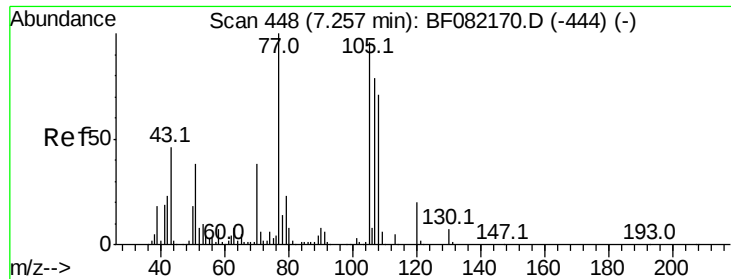
Tot Ion:	107	Resp:	194159
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	48.5	106.0	146.0#
79	29.5	9.8	49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:	136	Resp:	353594
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.8	7.5	11.3
68	6.0	4.6	7.0





#22

Acetophenone

Concen: 38.99 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

Tot Ion:105 Resp: 272746

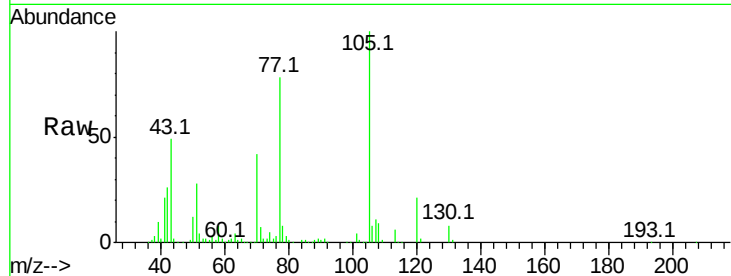
Ion Ratio Lower Upper

105 100

71 7.1 5.4 8.0

51 28.1 31.8 47.6#

120 20.8 16.3 24.5



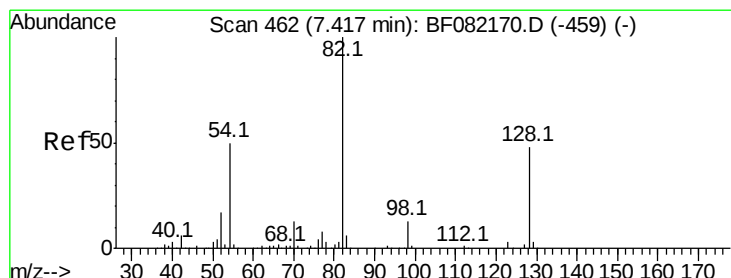
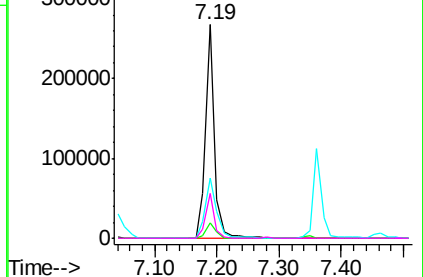
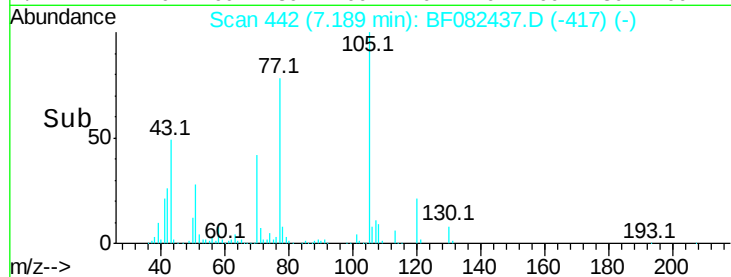
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 75.65 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

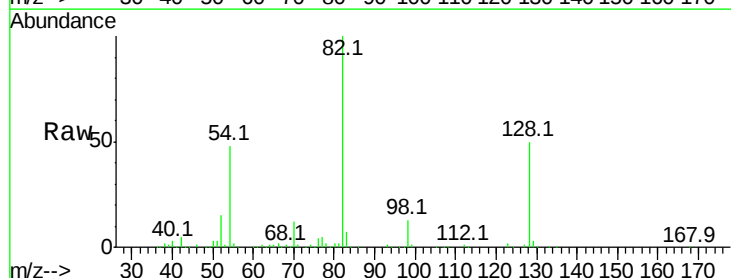
Tgt Ion: 82 Resp: 398319

Ion Ratio Lower Upper

82 100

128 49.5 38.7 58.1

54 48.3 40.1 60.1

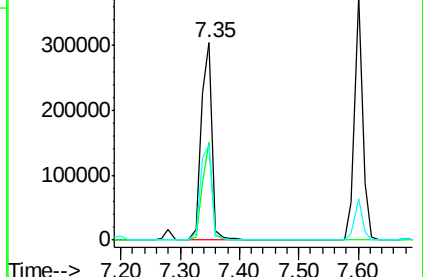
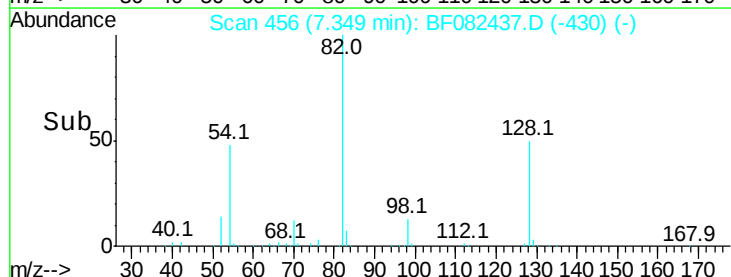


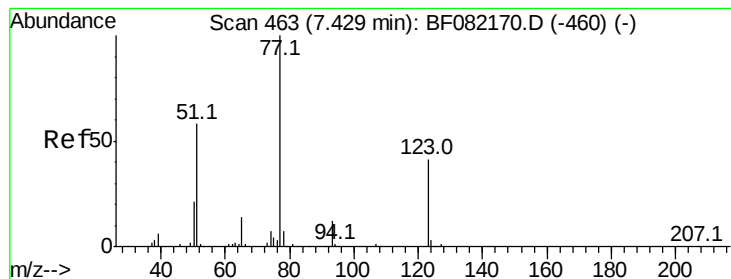
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 33.81 ng

RT: 7.36 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

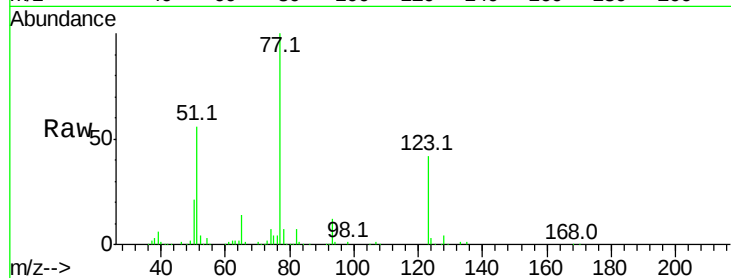
Tot Ion: 77 Resp: 192701

Ion Ratio Lower Upper

77 100

123 41.6 33.0 49.4

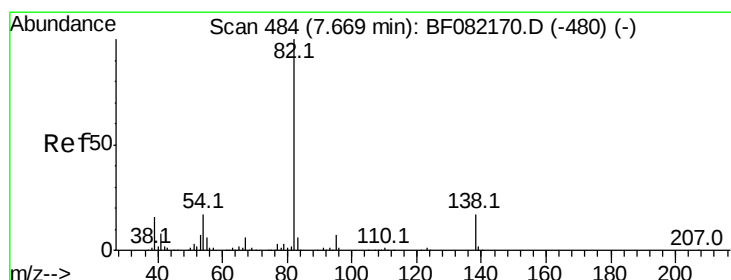
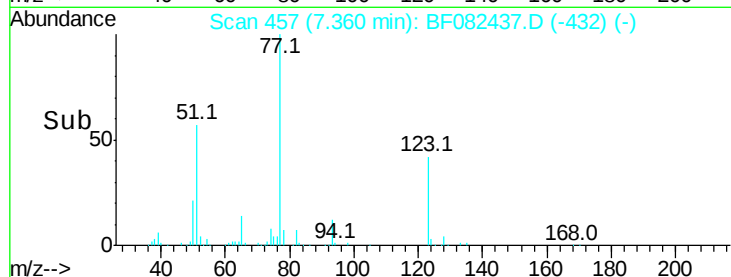
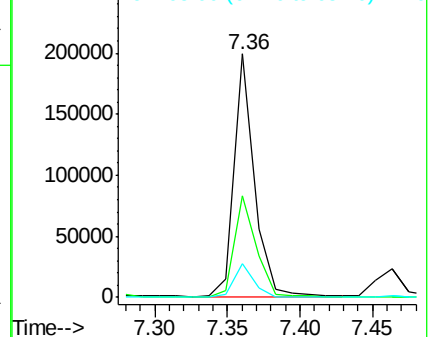
65 14.1 11.2 16.8



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: 33.98 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

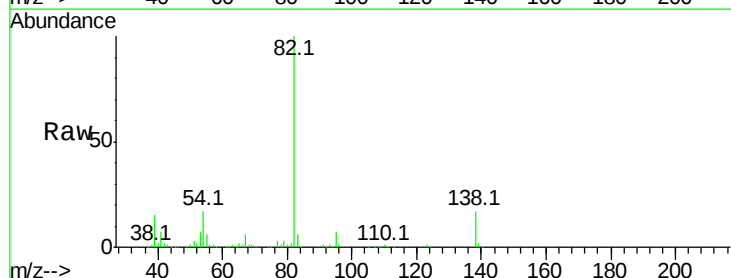
Tgt Ion: 82 Resp: 361053

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

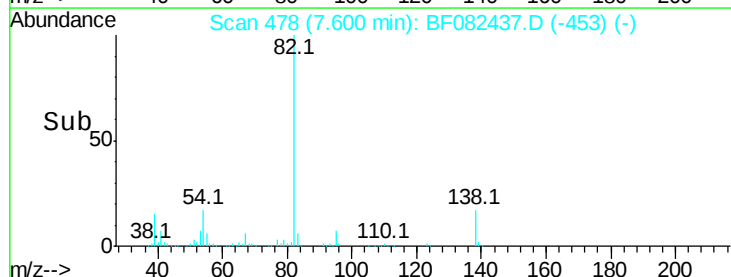
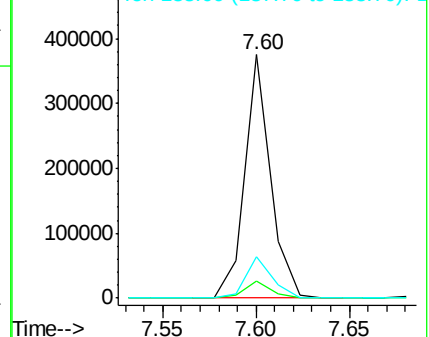
138 17.1 13.6 20.4

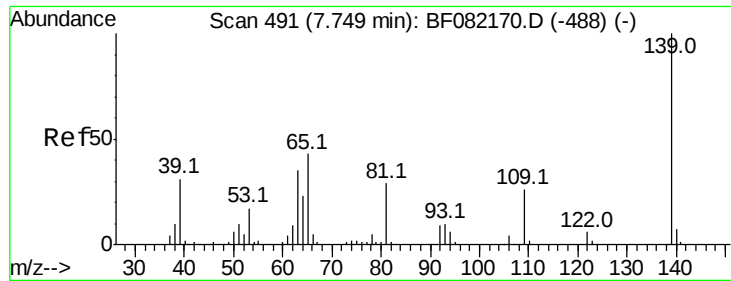


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

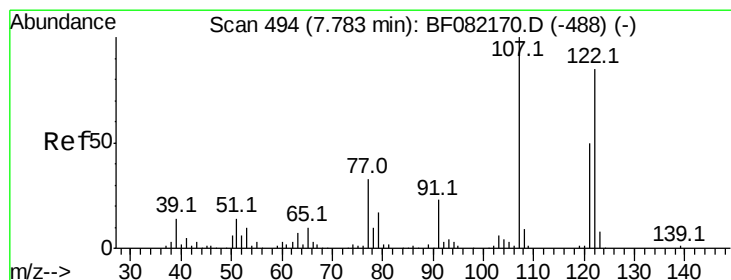
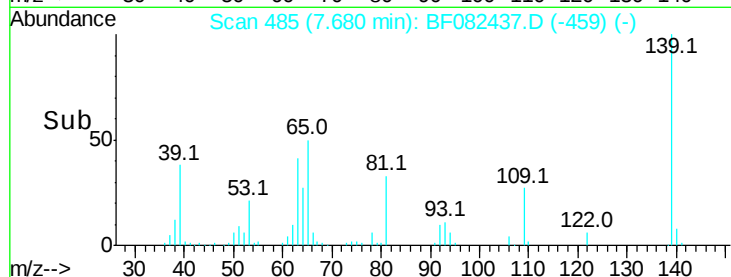
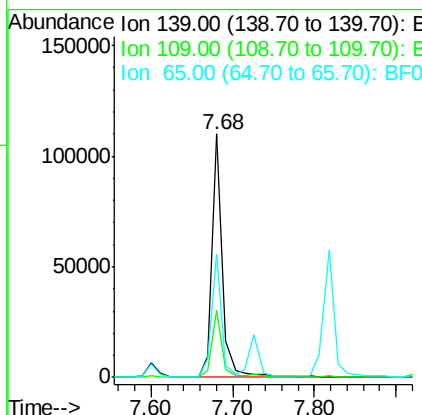
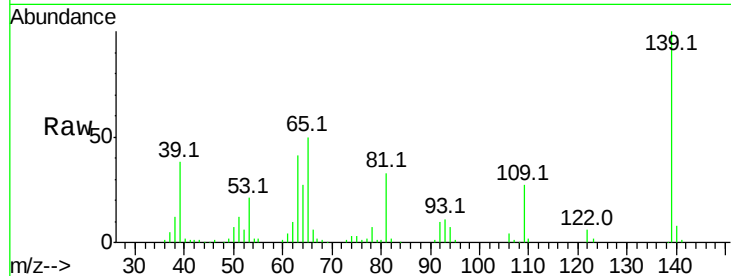




#26
2-Nitrophenol
Concen: 35.43 ng
RT: 7.68 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

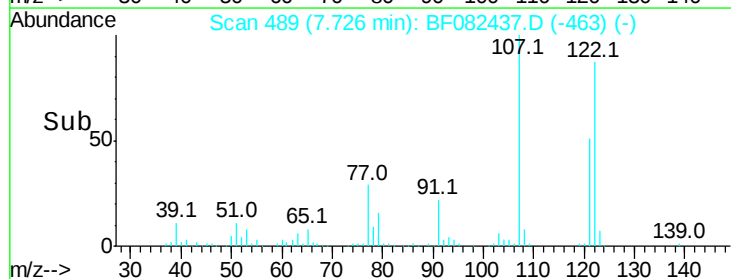
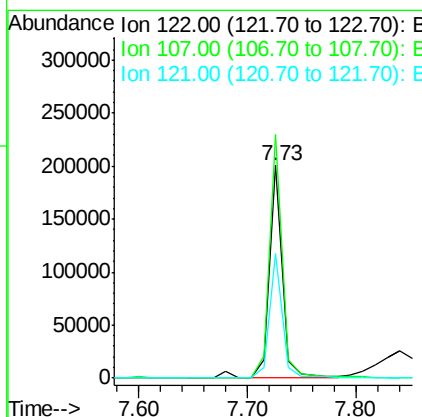
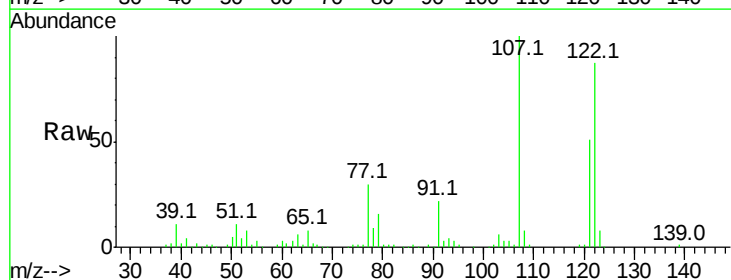
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

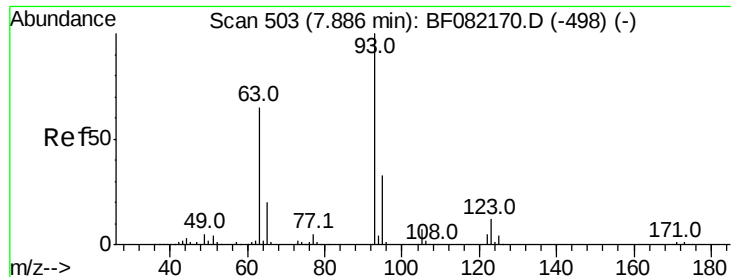
Tot Ion	Ratio	Lower	Upper
139	100		
109	27.4	20.6	31.0
65	50.4	34.3	51.5



#27
2,4-Dimethylphenol
Concen: 37.59 ng
RT: 7.73 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.6	94.0	141.0
121	58.6	46.8	70.2





#28

bis(2-Chloroethoxy)methane

Concen: 38.69 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

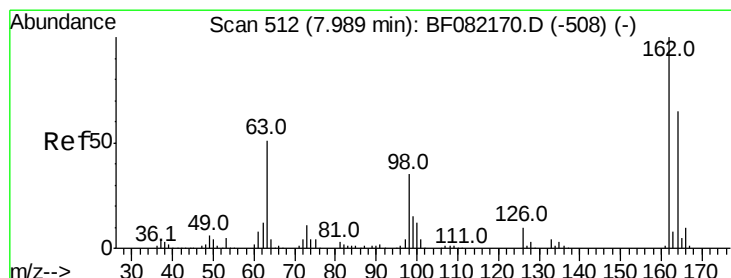
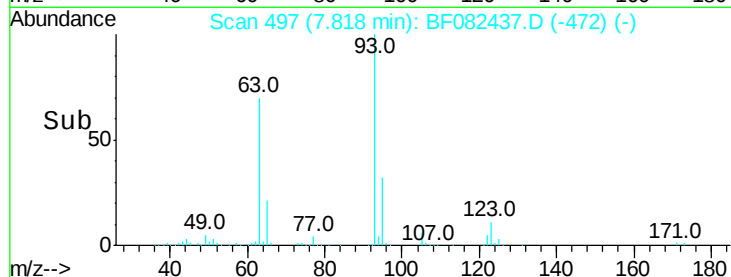
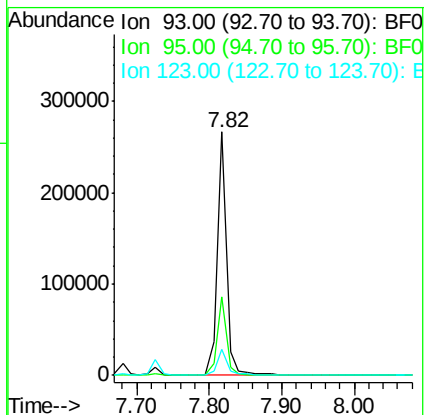
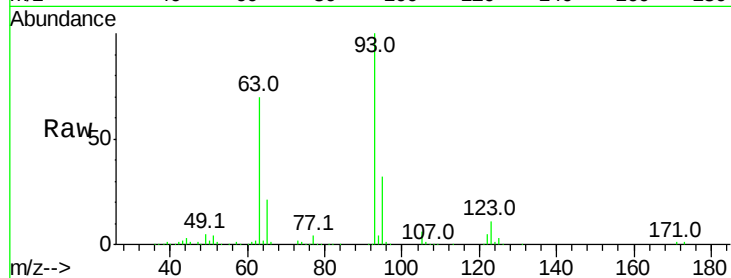
Tot Ion: 93 Resp: 239203

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

123 10.6 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 34.97 ng

RT: 7.93 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

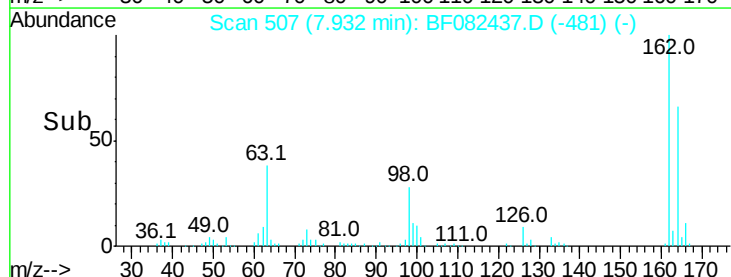
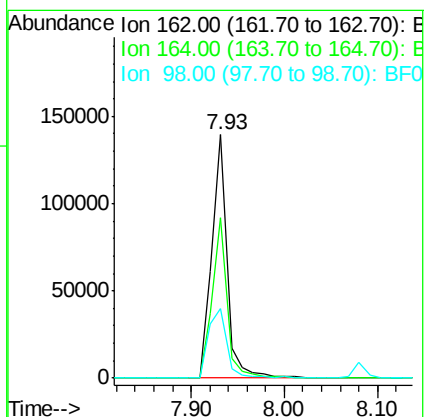
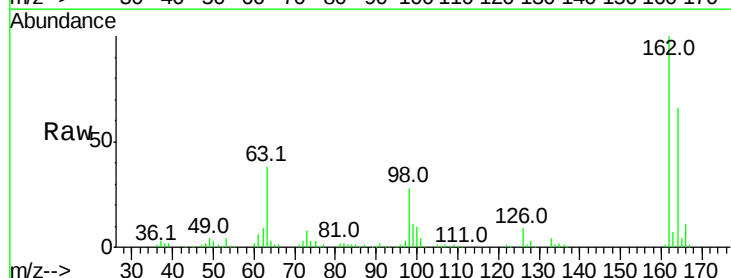
Tgt Ion: 162 Resp: 160289

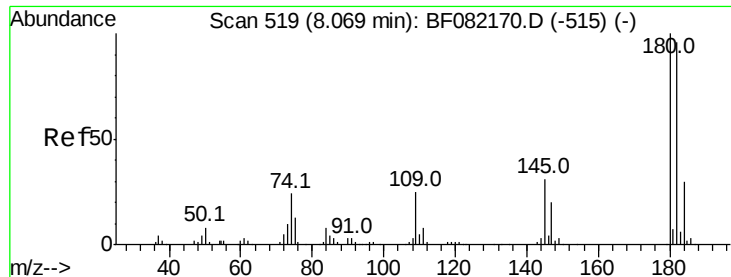
Ion Ratio Lower Upper

162 100

164 65.9 44.6 84.6

98 28.4 15.0 55.0

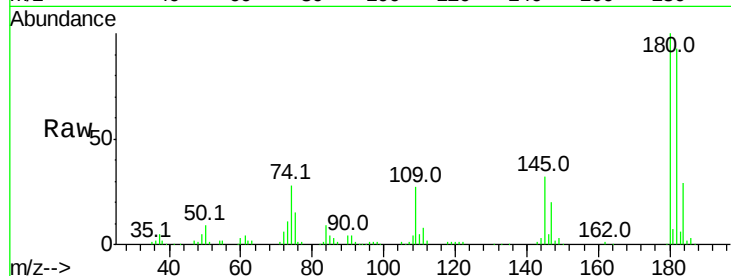




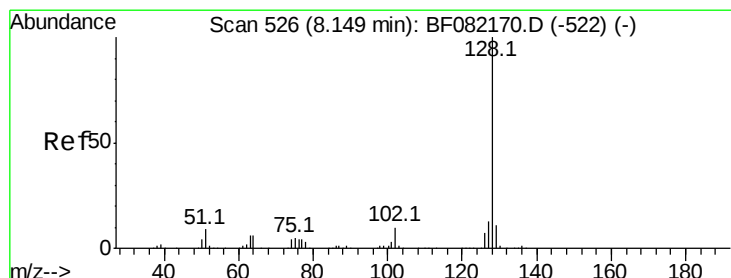
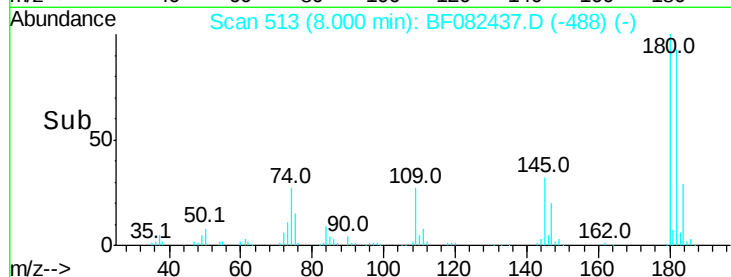
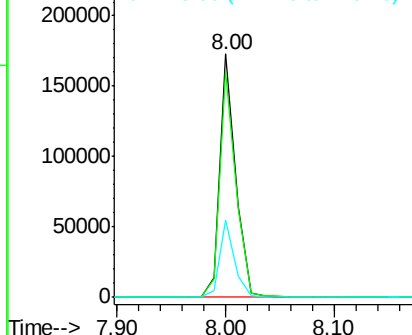
#30
 1,2,4-Trichlorobenzene
 Concen: 33.39 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

Tot Ion:180 Resp: 176408
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.0 115.4
 145 31.9 25.0 37.4

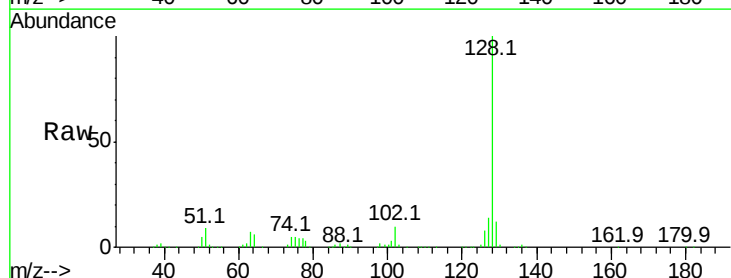


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

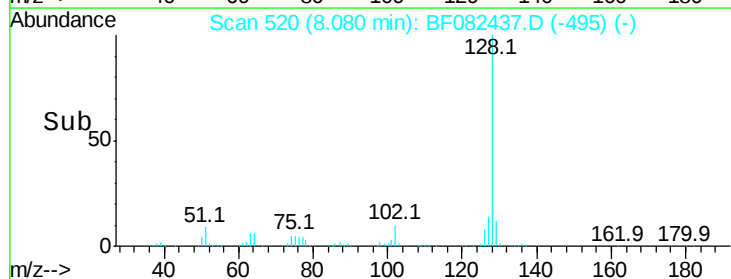
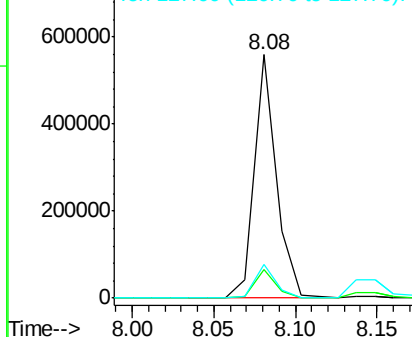


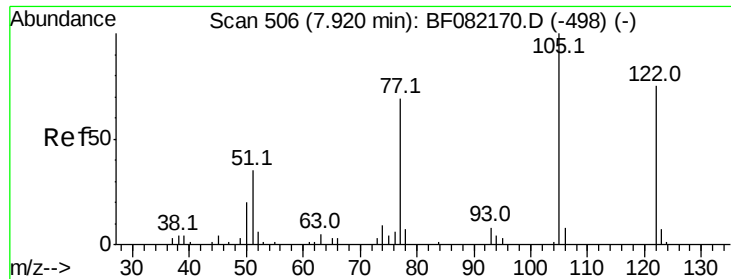
#31
 Naphthalene
 Concen: 34.39 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:128 Resp: 527193
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 13.6 10.7 16.1



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

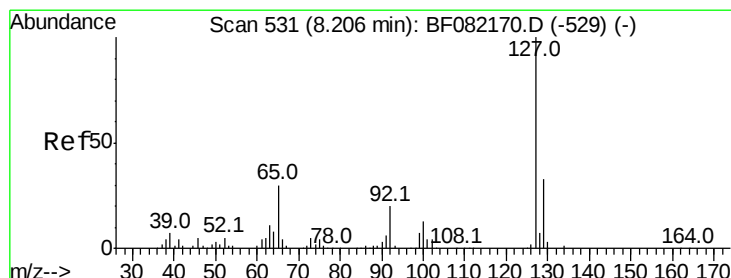
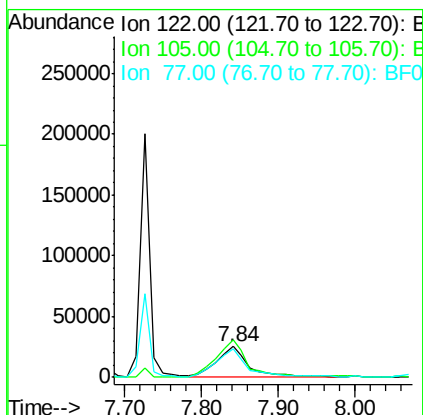
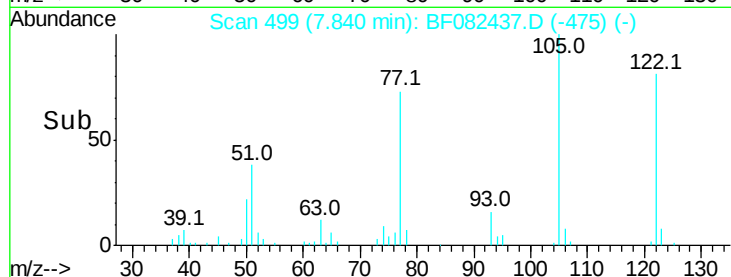
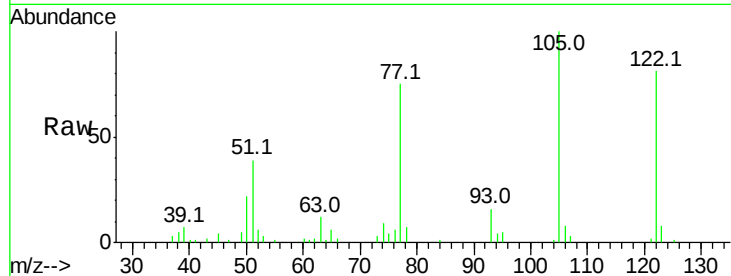




#32
Benzoic acid
Concen: 22.64 ng
RT: 7.84 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

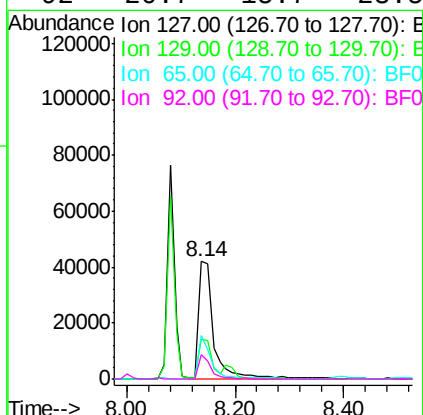
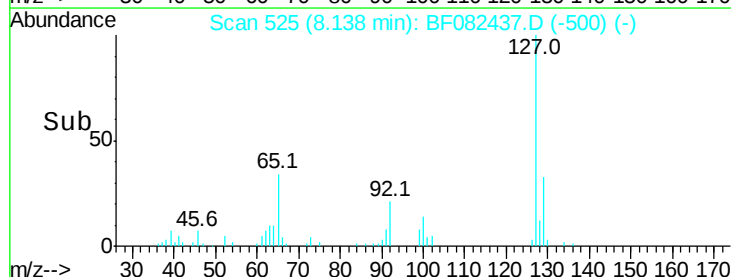
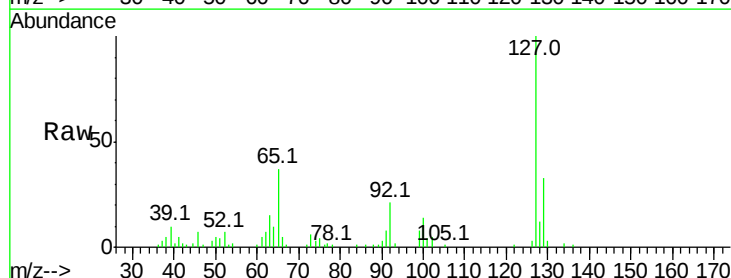
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

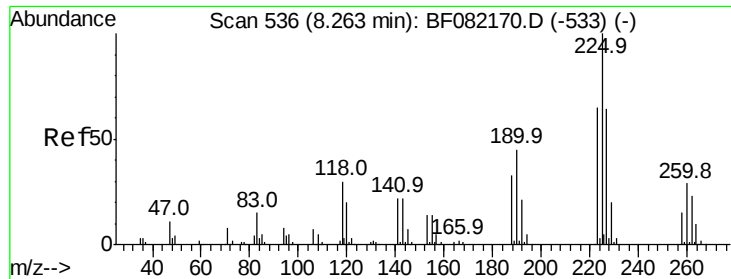
Tot Ion:122 Resp: 69654
Ion Ratio Lower Upper
122 100
105 123.0 104.4 144.4
77 92.1 69.0 109.0



#33
4-Chloroaniline
Concen: 12.73 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:127 Resp: 81015
Ion Ratio Lower Upper
127 100
129 33.4 26.3 39.5
65 37.1 24.4 36.6#
92 20.7 15.7 23.5

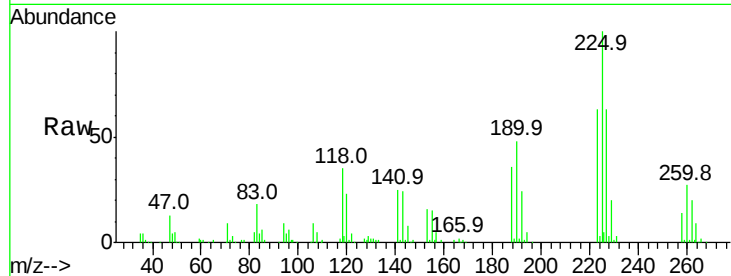




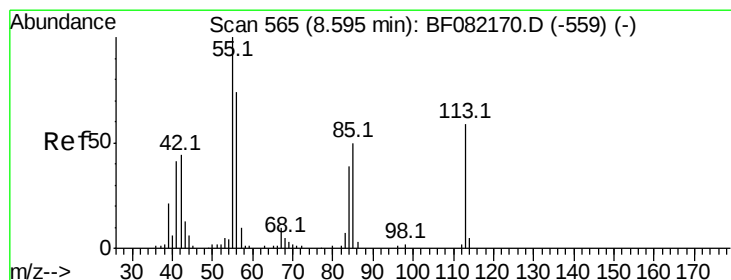
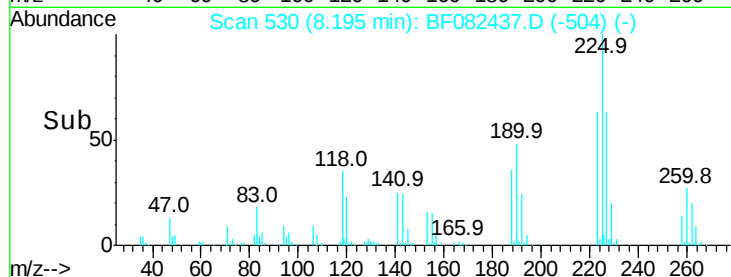
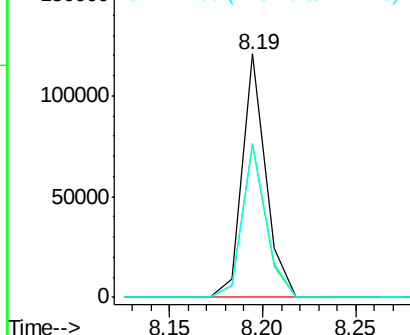
#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

Tot Ion:225 Resp: 106189
Ion Ratio Lower Upper
225 100
223 62.7 52.2 78.2
227 63.2 51.3 76.9

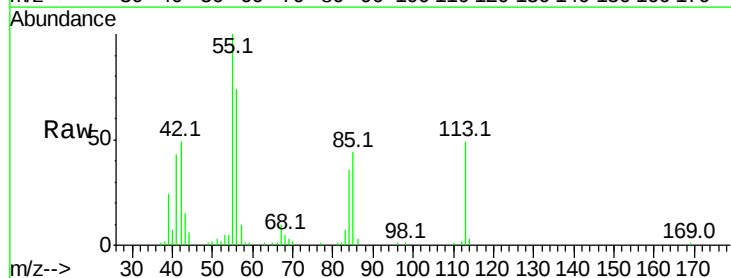


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

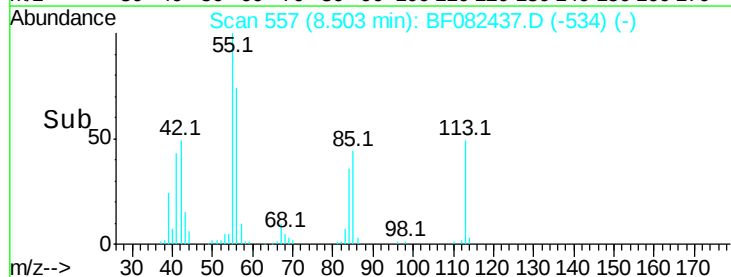
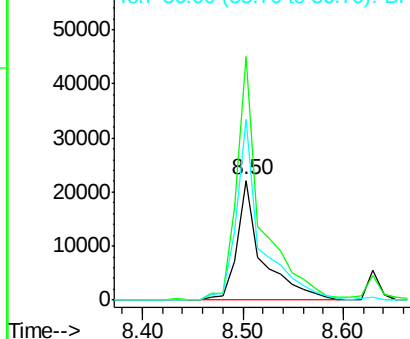


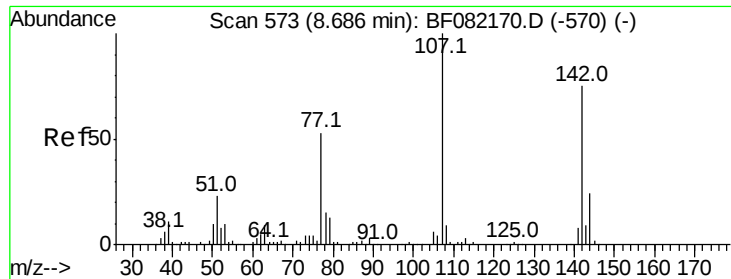
#35
Caprolactam
Concen: 28.54 ng
RT: 8.50 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:113 Resp: 37965
Ion Ratio Lower Upper
113 100
55 203.8 149.7 189.7#
56 151.3 105.4 145.4#



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

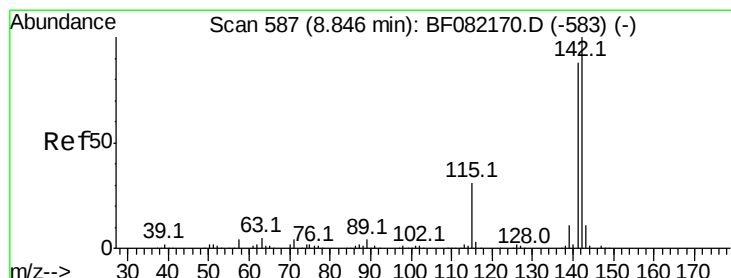
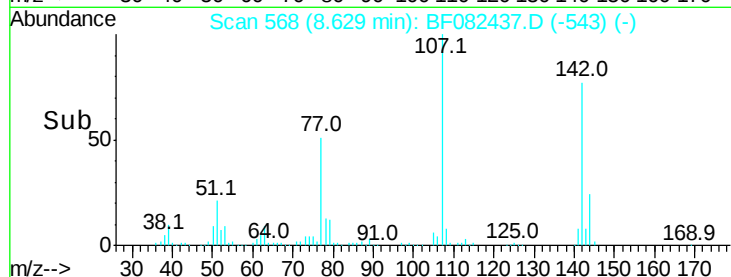
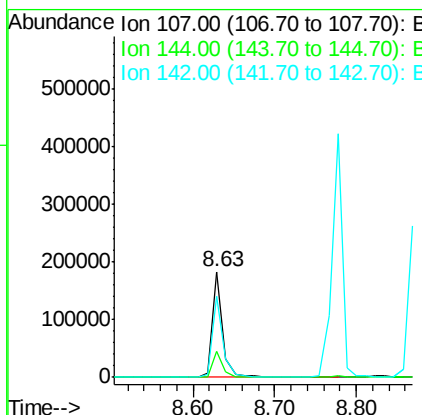
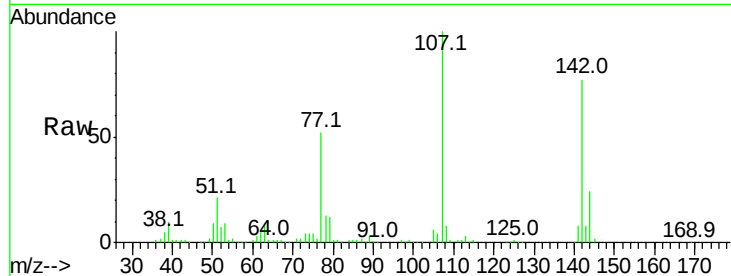




#36
 4-Chloro-3-methylphenol
 Concen: 36.77 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

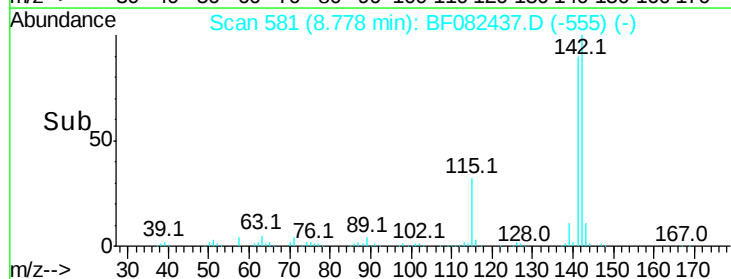
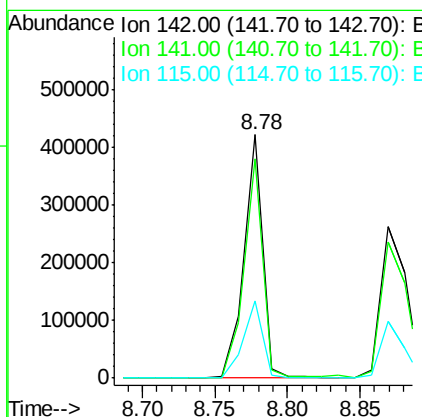
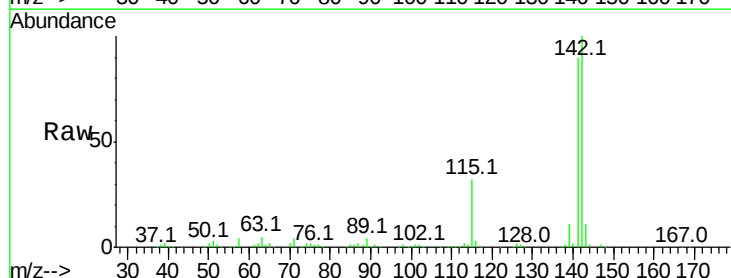
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

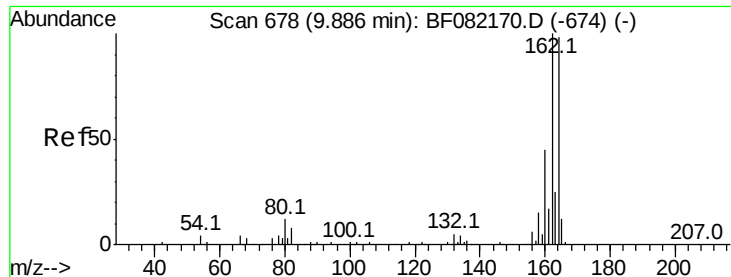
Tot Ion:107 Resp: 164807
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 76.7 59.9 89.9



#37
 2-Methylnaphthalene
 Concen: 35.89 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:142 Resp: 381393
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.4 105.6
 115 31.8 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

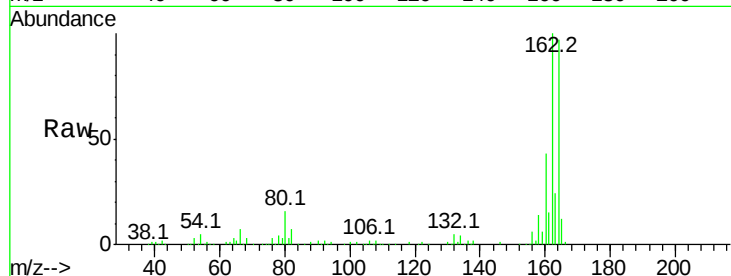
Tot Ion:164 Resp: 169255

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

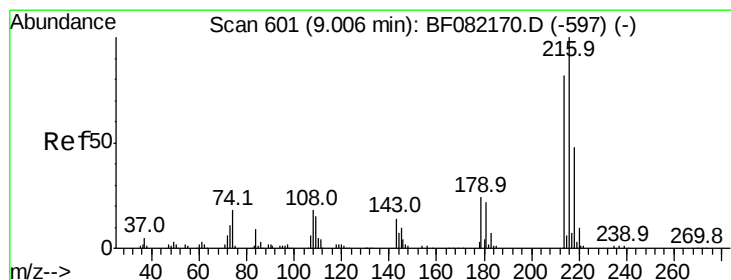
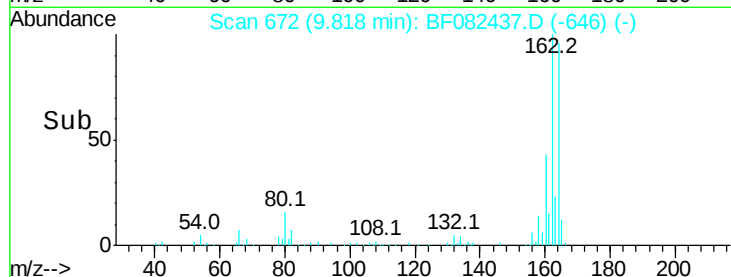
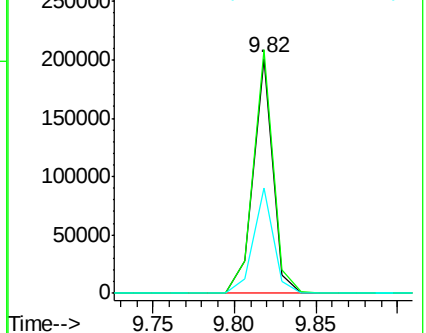
160 44.8 36.4 54.6



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: 33.70 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Tgt Ion:216 Resp: 169639

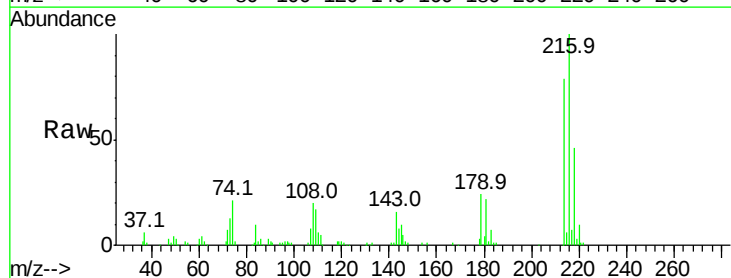
Ion Ratio Lower Upper

216 100

214 78.5 64.6 97.0

179 21.1 17.6 26.4

108 16.6 14.5 21.7

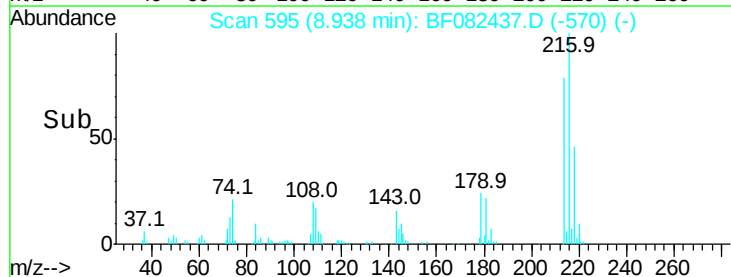
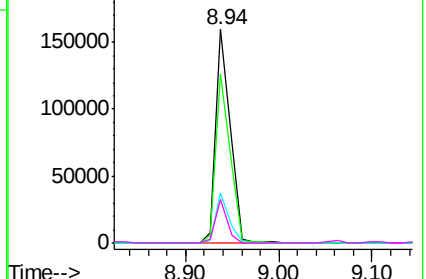


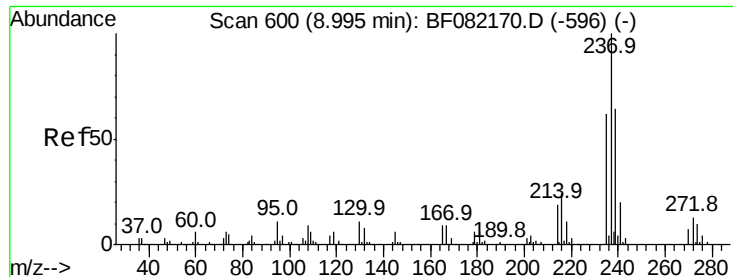
Abundance Ion 216.00 (215.70 to 216.70): E

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

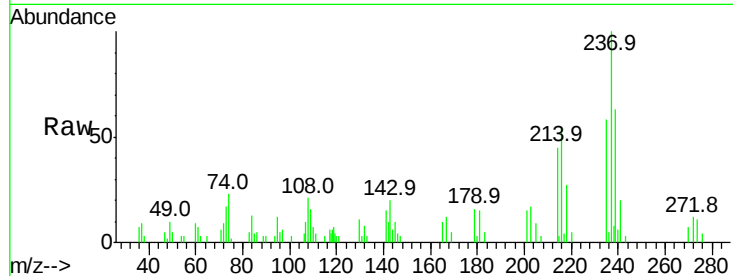




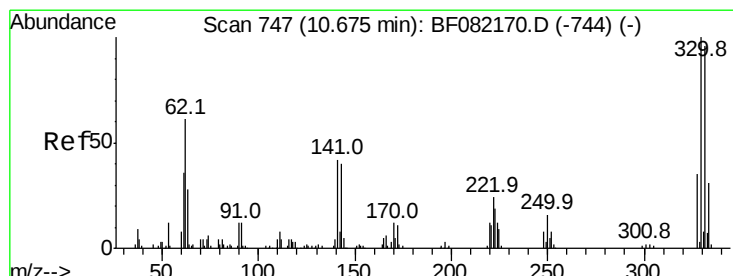
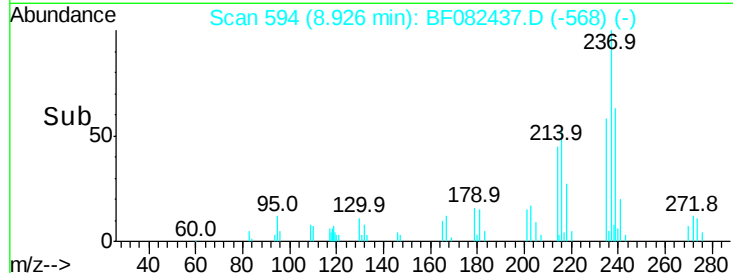
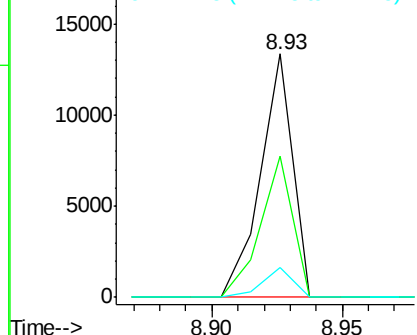
#40
Hexachlorocyclopentadiene
Concen: 12.37 ng
RT: 8.93 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

Tot Ion:237 Resp: 11543
Ion Ratio Lower Upper
237 100
235 57.9 41.7 81.7
272 12.3 0.0 32.8

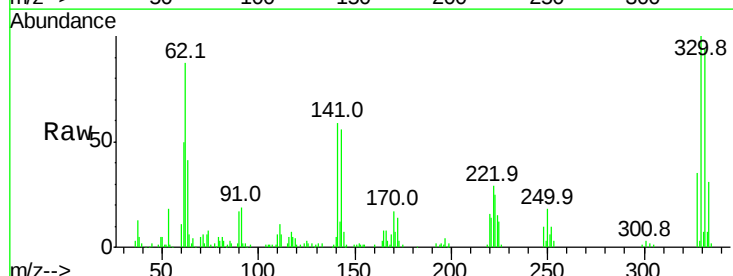


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

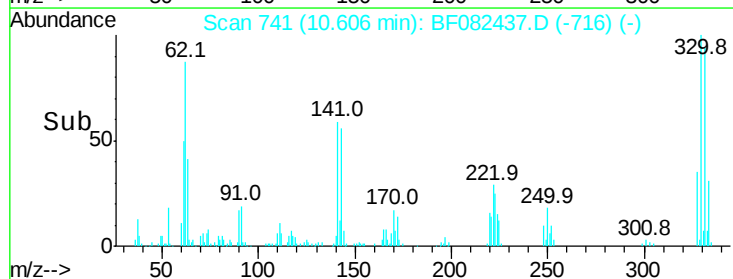
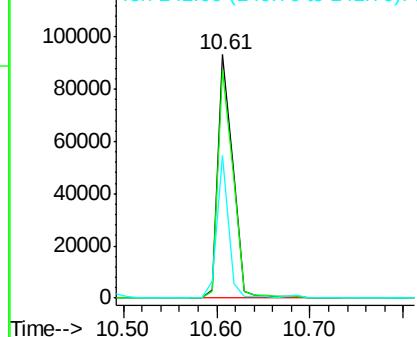


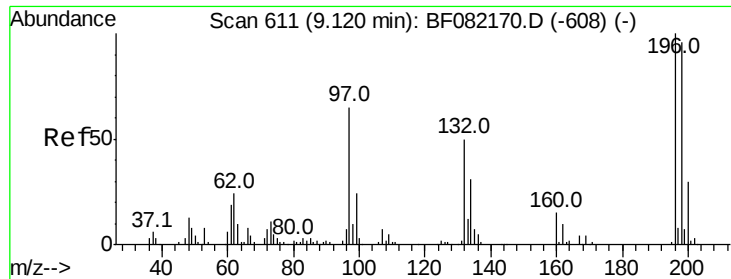
#41
2,4,6-Tribromophenol
Concen: 65.15 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:330 Resp: 103409
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 45.7 29.8 44.8#



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

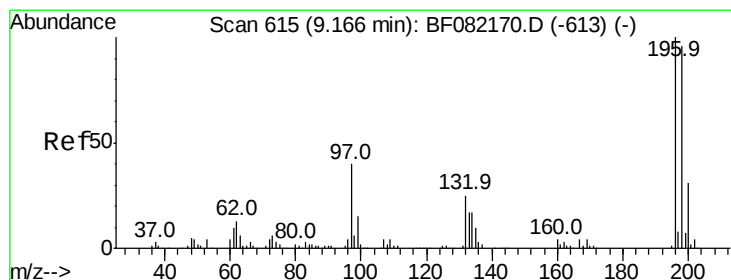
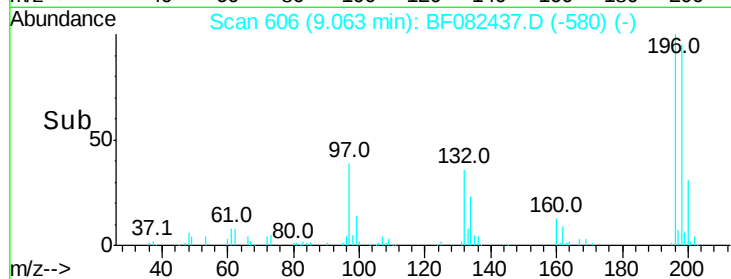
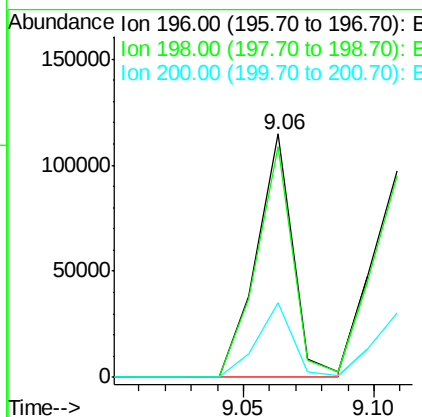
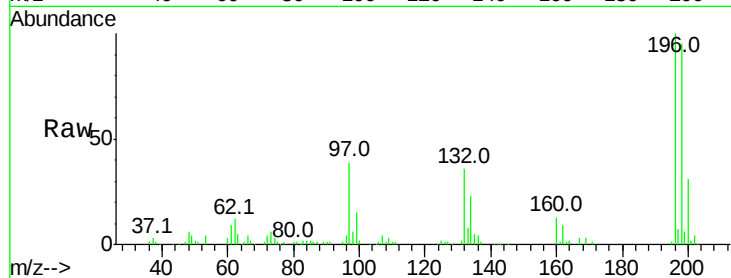




#42
 2,4,6-Trichlorophenol
 Concen: 33.65 ng
 RT: 9.06 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

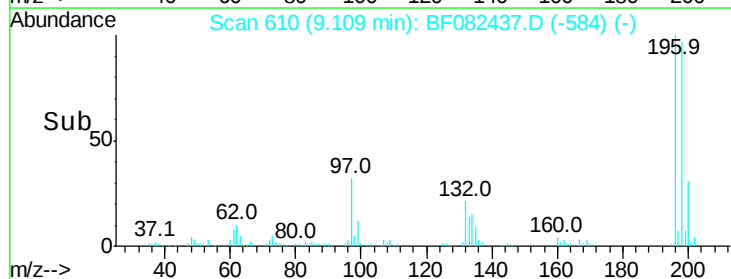
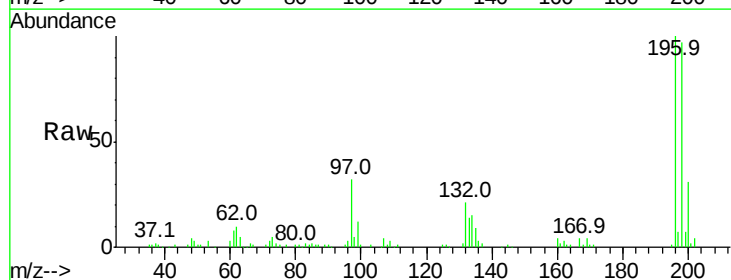
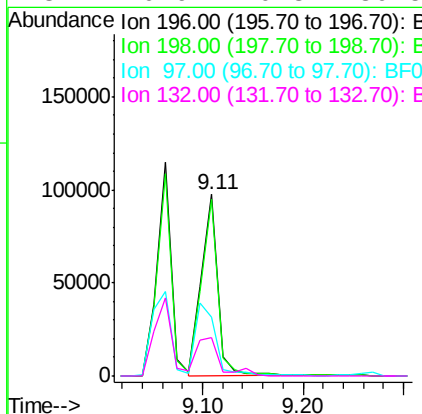
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

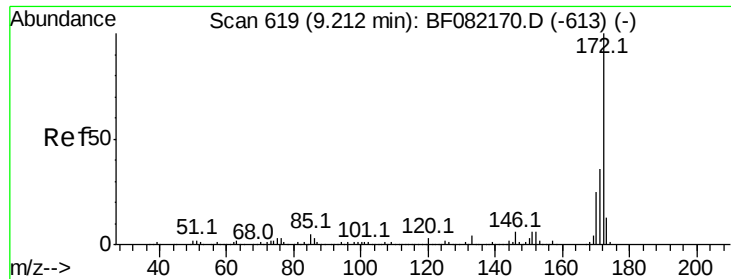
Tot Ion:196 Resp: 112523
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 30.9 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 30.89 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:196 Resp: 111897
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.0 115.4
 97 32.4 31.9 47.9
 132 20.9 20.3 30.5





#44

2-Fluorobiphenyl

Concen: 75.50 ng

RT: 9.14 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

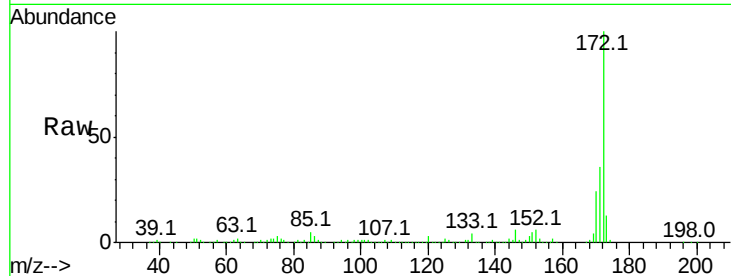
Tot Ion:172 Resp: 770533

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

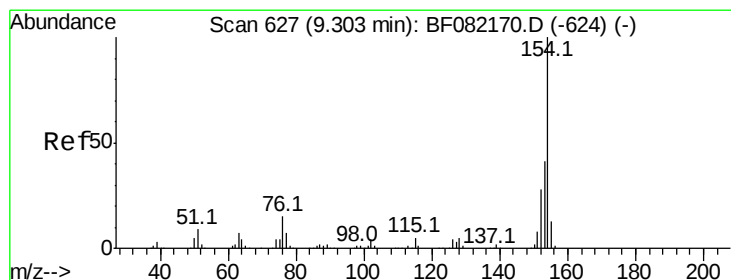
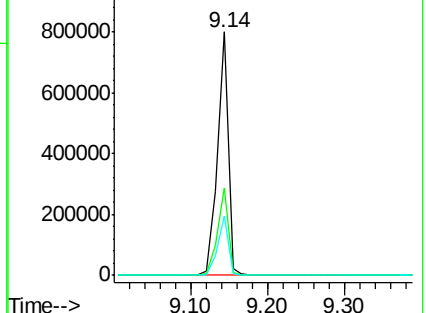
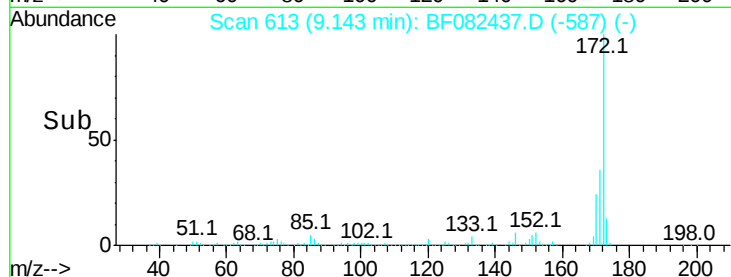
170 24.2 19.7 29.5



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: 33.76 ng

RT: 9.25 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

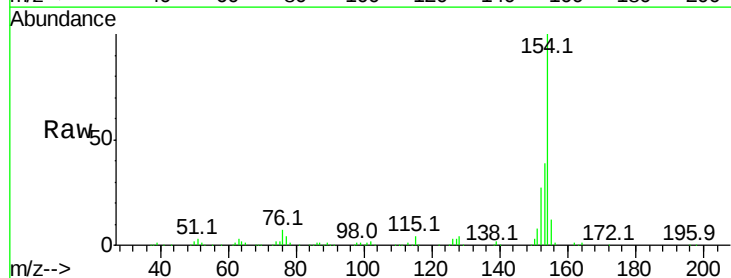
Tgt Ion:154 Resp: 435789

Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

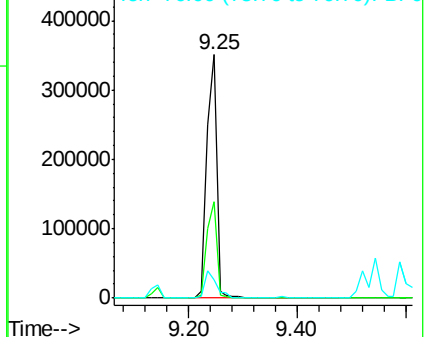
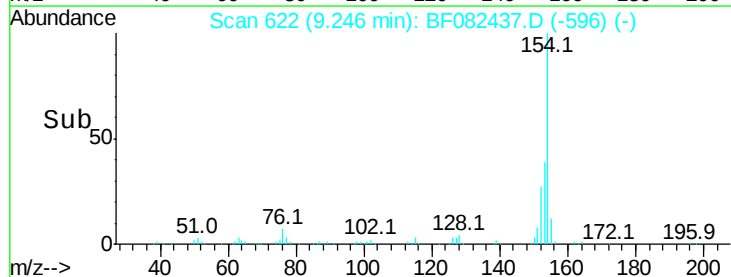
76 7.3 0.0 35.2

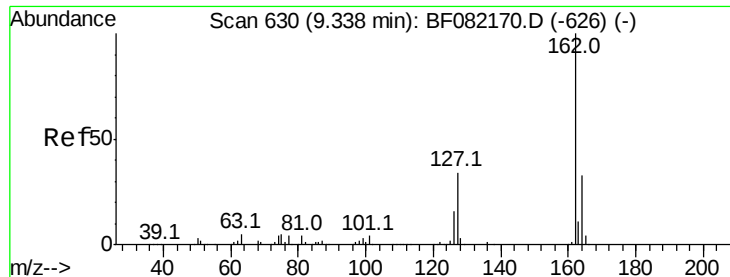


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

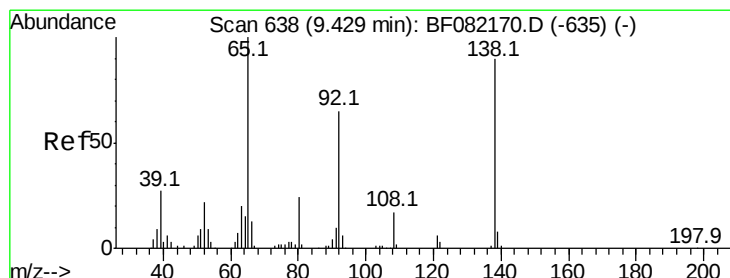
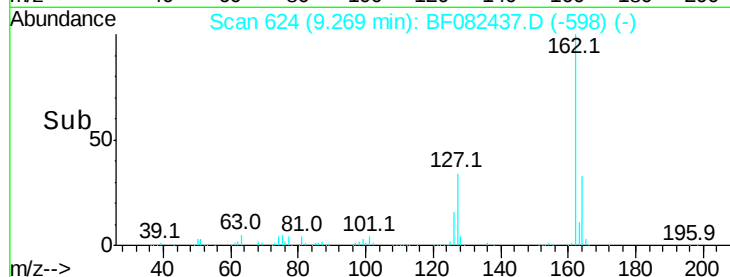
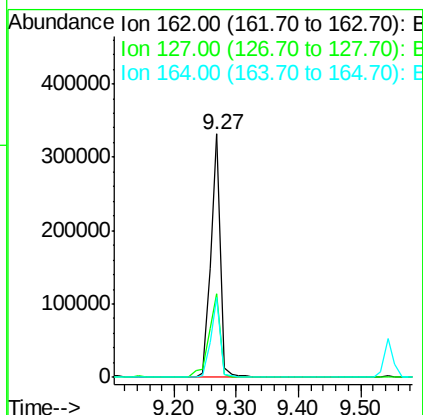
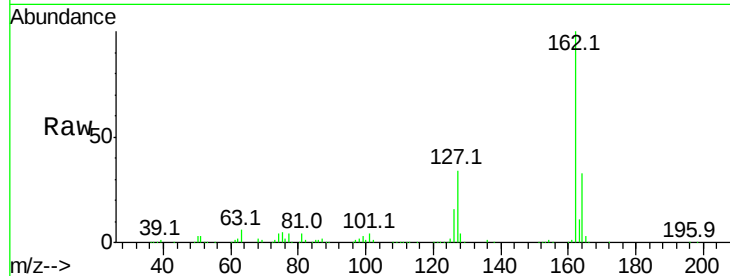




#46
2-Chloronaphthalene
Concen: 34.69 ng
RT: 9.27 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

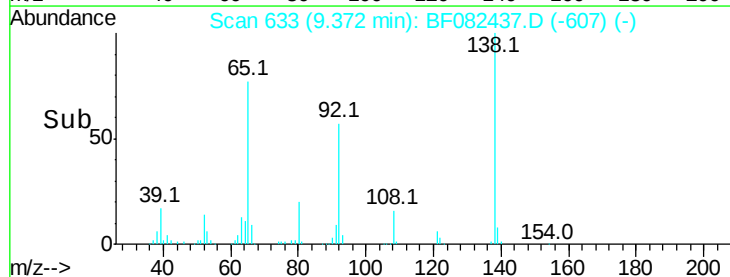
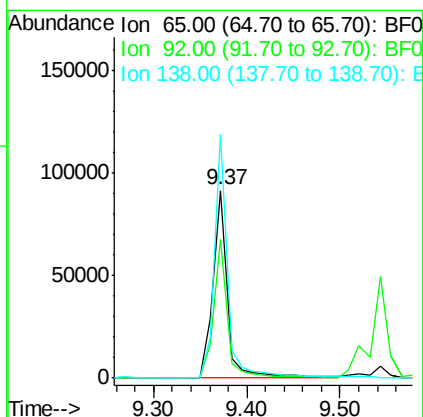
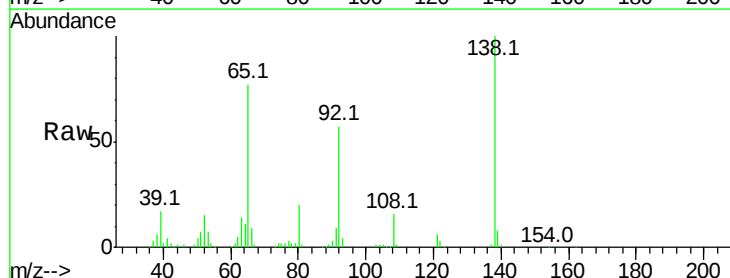
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

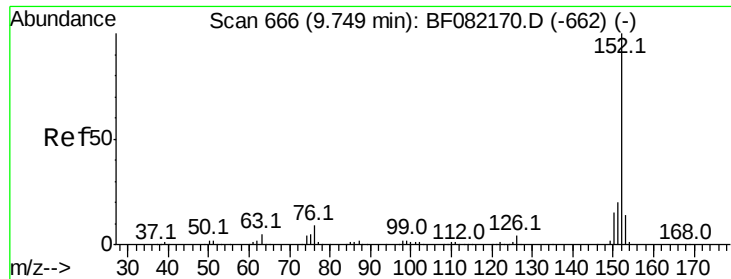
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	27.5	41.3
164	33.0	26.6	39.8



#47
2-Nitroaniline
Concen: 36.08 ng
RT: 9.37 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	52.3	78.5
138	129.8	72.2	108.4





#48

Acenaphthylene

Concen: 34.58 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

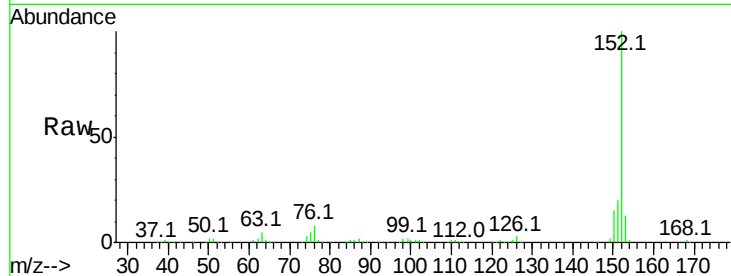
Tot Ion:152 Resp: 547371

Ion Ratio Lower Upper

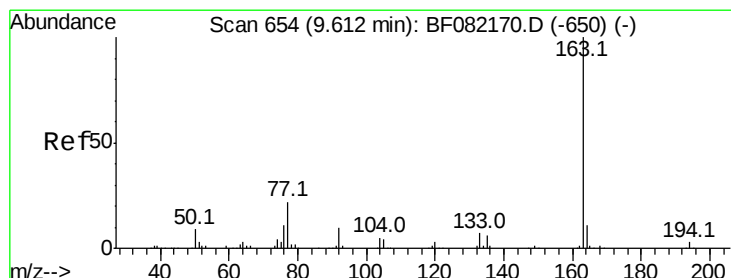
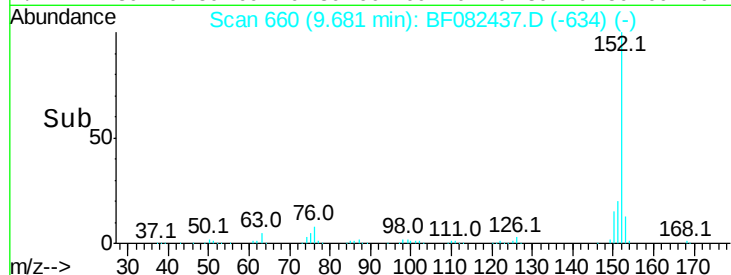
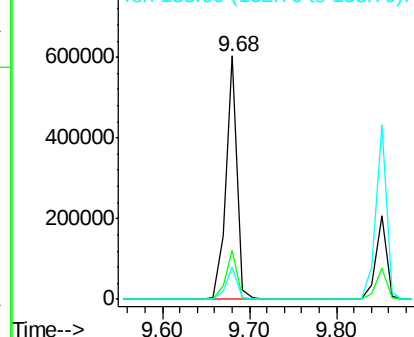
152 100

151 20.1 16.4 24.6

153 13.3 10.8 16.2



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: 45.14 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

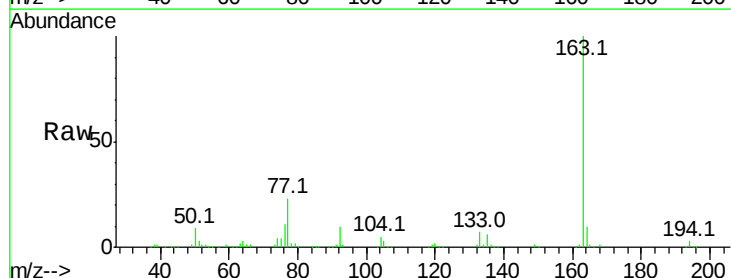
Tgt Ion:163 Resp: 538062

Ion Ratio Lower Upper

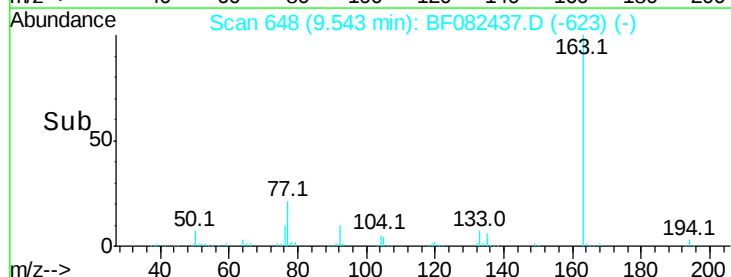
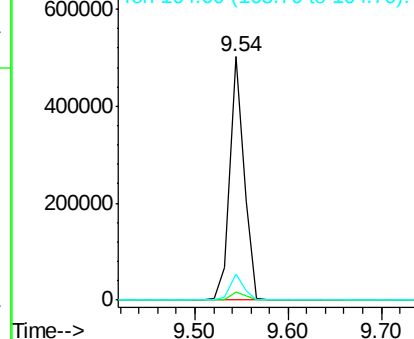
163 100

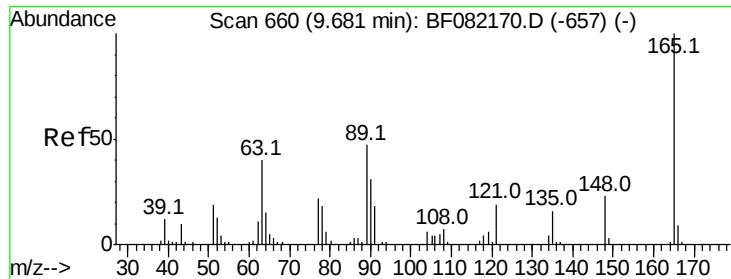
194 3.2 2.6 4.0

164 10.5 8.5 12.7



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

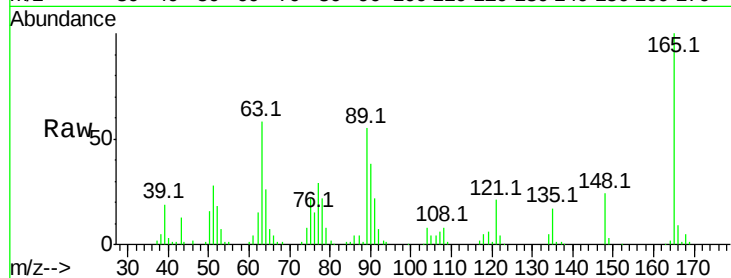




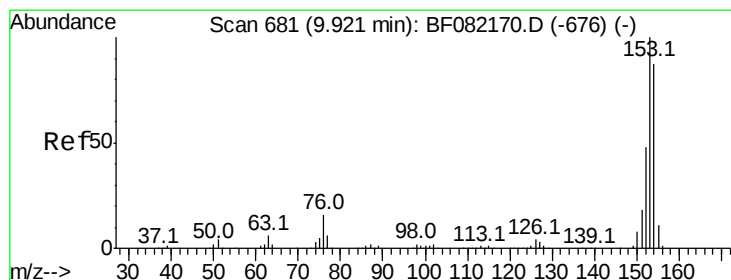
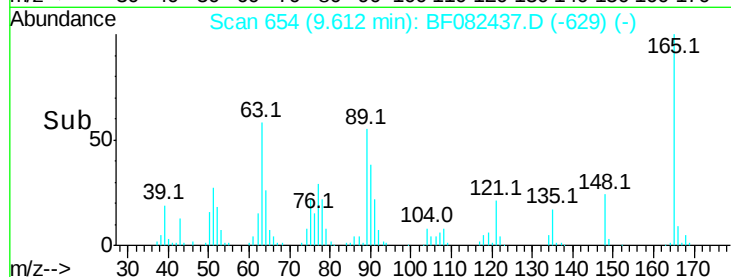
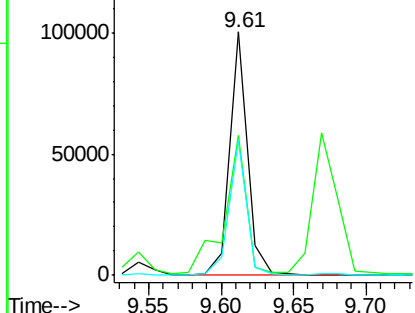
#50
2,6-Dinitrotoluene
Concen: 33.85 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

Tot Ion:165 Resp: 85122
Ion Ratio Lower Upper
165 100
63 57.6 36.7 55.1#
89 55.5 37.8 56.6

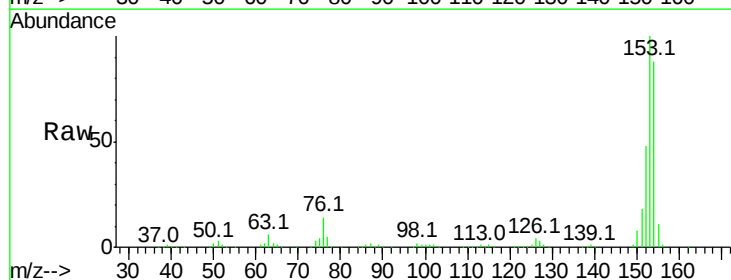


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

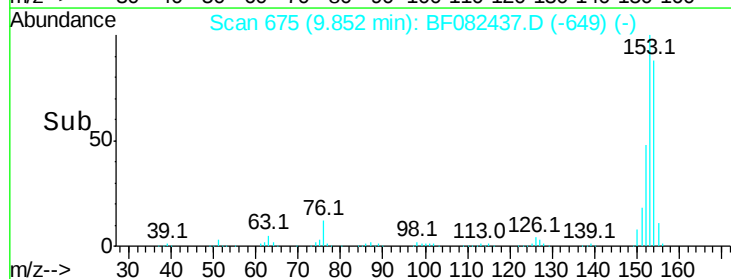
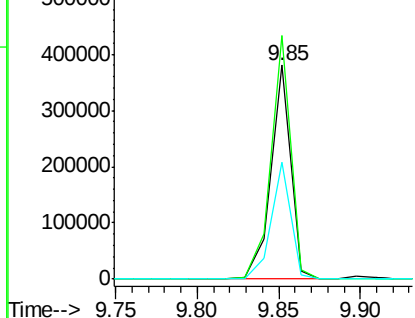


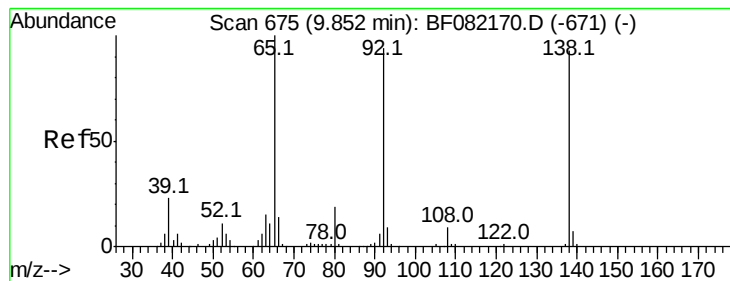
#51
Acenaphthene
Concen: 33.99 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:154 Resp: 322976
Ion Ratio Lower Upper
154 100
153 113.8 91.4 137.2
152 54.4 44.3 66.5



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: 23.61 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

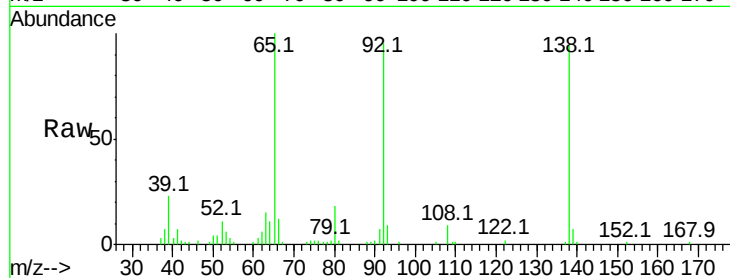
Tot Ion:138 Resp: 67071

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

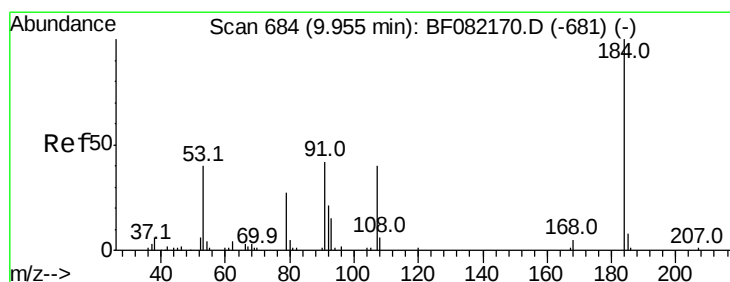
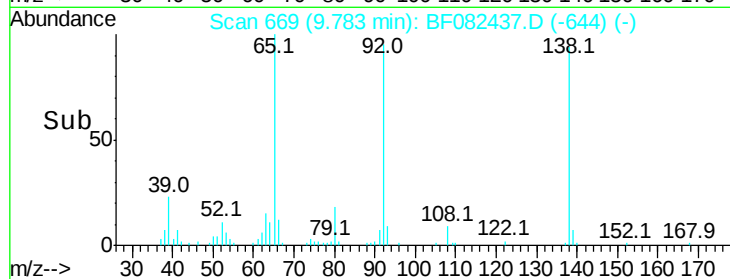
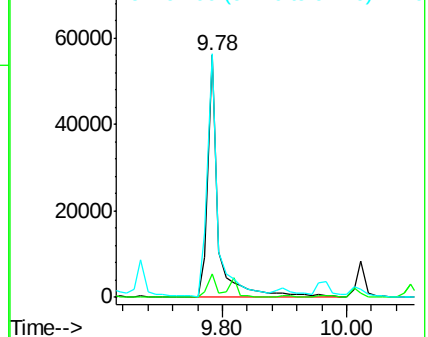
92 100.7 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 13.51 ng

RT: 9.90 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

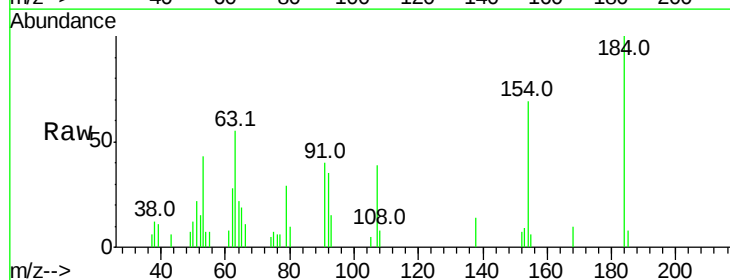
Tgt Ion:184 Resp: 10870

Ion Ratio Lower Upper

184 100

63 55.2 45.1 67.7

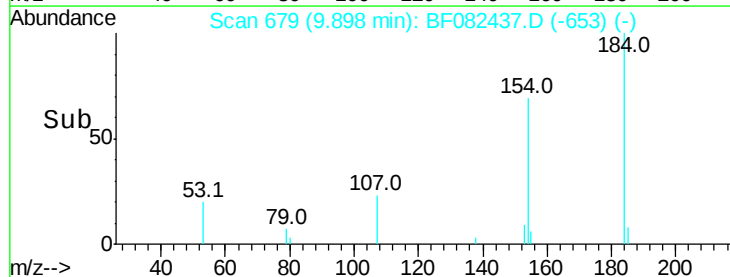
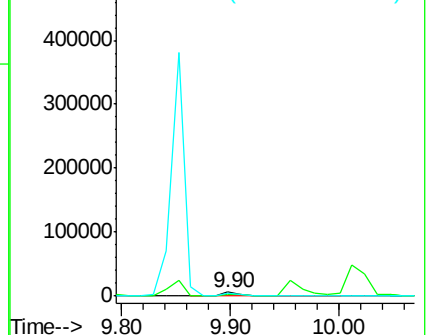
154 69.3 51.2 76.8

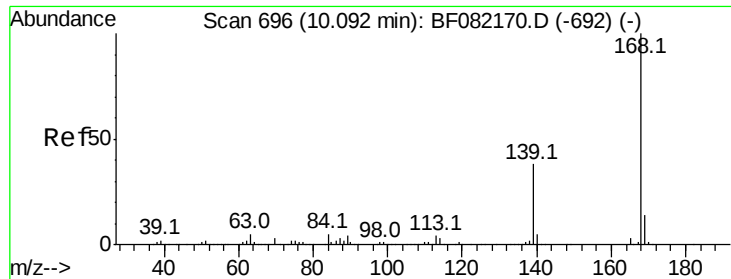


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 35.95 ng

RT: 10.02 min Scan# 690

Delta R.T. 0.00 min

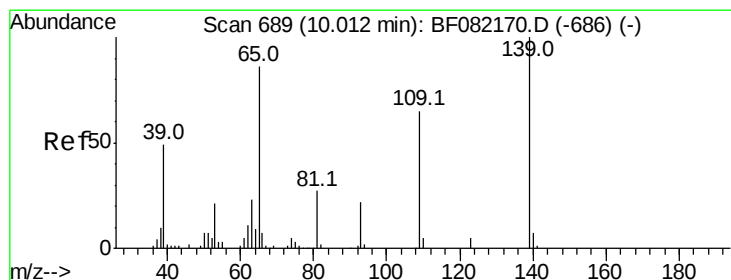
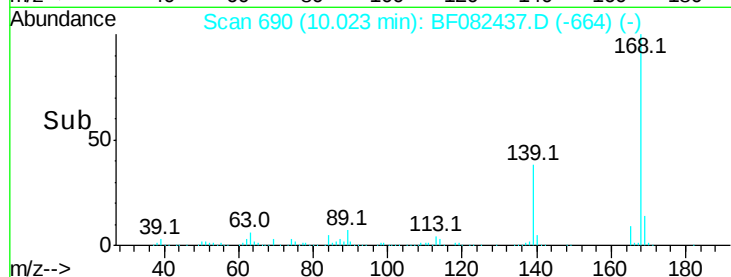
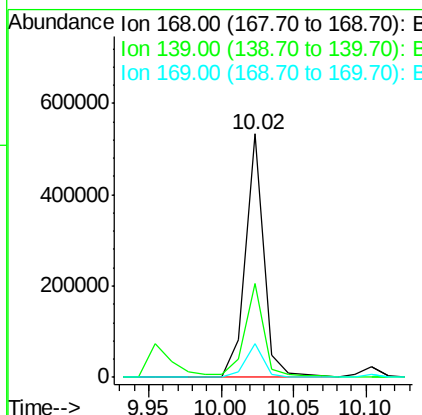
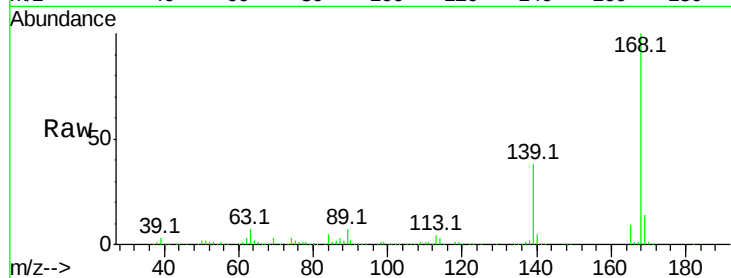
Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

Tot Ion:168 Resp: 468935

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.6
169	13.8	10.9	16.3



#55

4-Nitrophenol

Concen: 53.06 ng

RT: 9.95 min Scan# 684

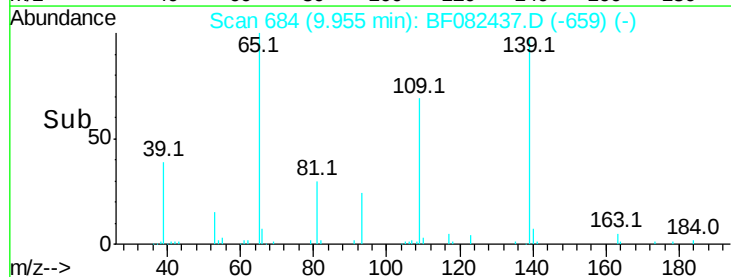
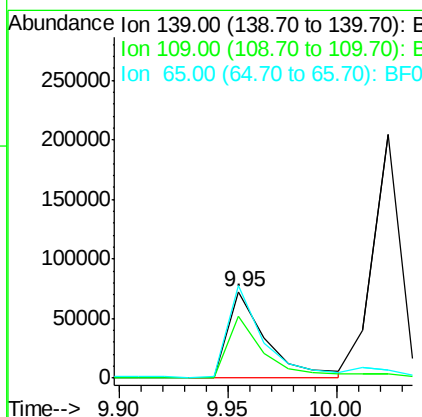
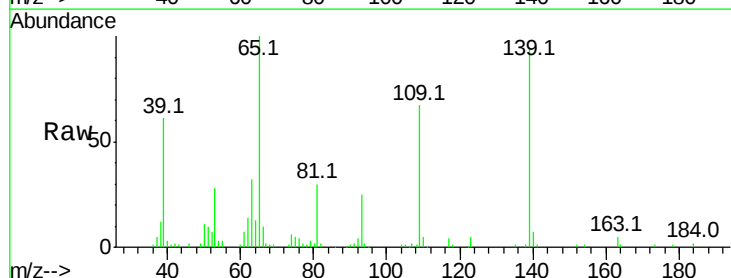
Delta R.T. -0.01 min

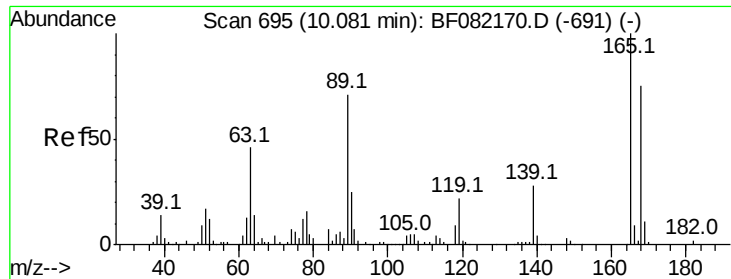
Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Tgt Ion:139 Resp: 90155

Ion	Ratio	Lower	Upper
139	100		
109	71.7	44.8	84.8
65	106.7	67.7	107.7

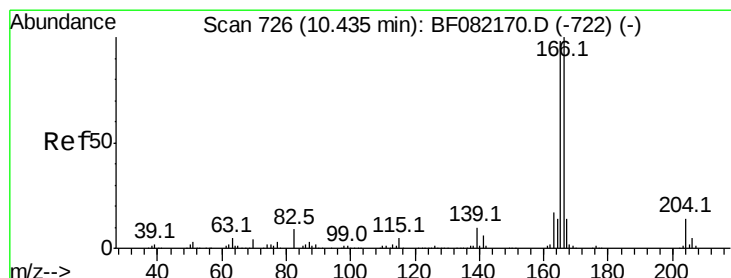
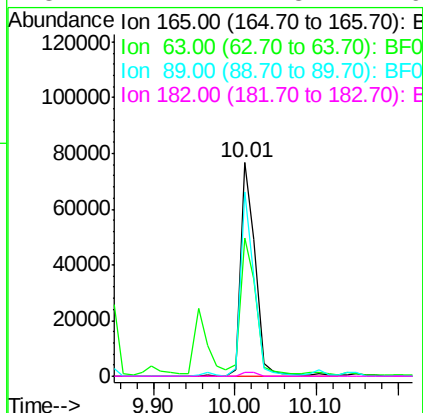
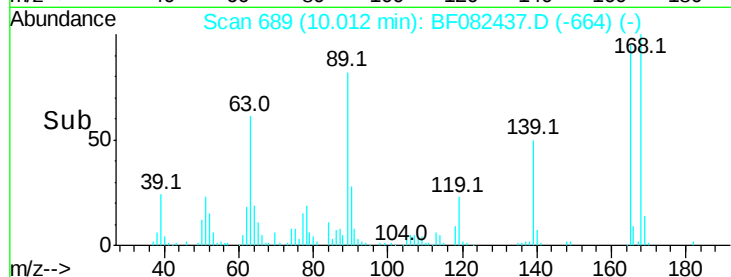
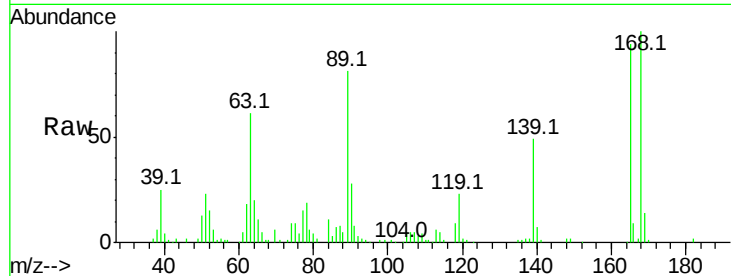




#56
2,4-Dinitrotoluene
Concen: 30.53 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

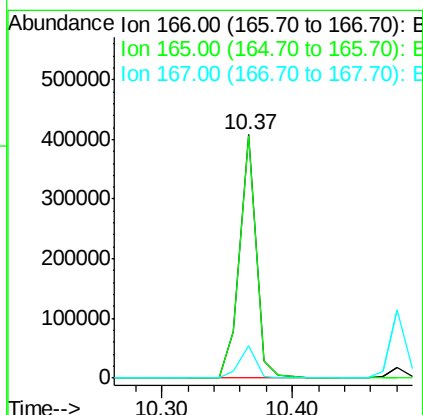
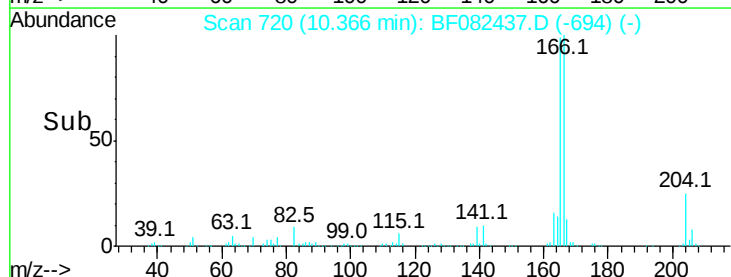
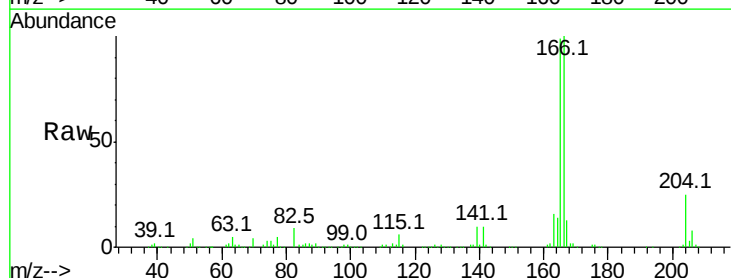
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

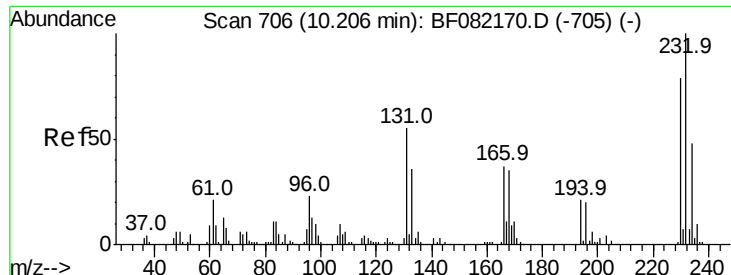
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.8	38.6	58.0#
89	86.5	57.0	85.6#
182	2.1	1.8	2.6



#57
Fluorene
Concen: 33.74 ng
RT: 10.37 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.3	117.5
167	13.5	10.8	16.2

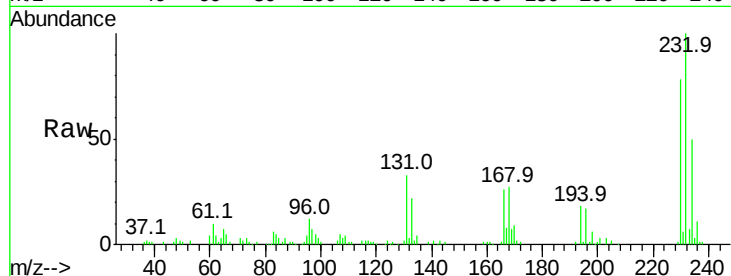




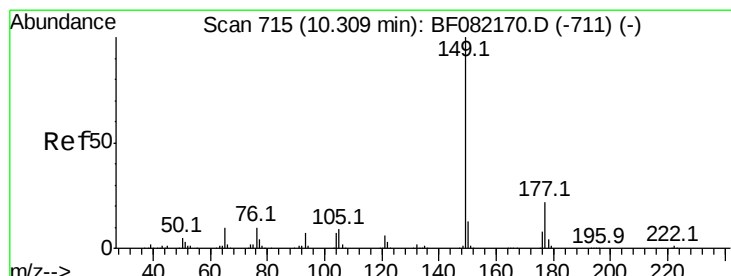
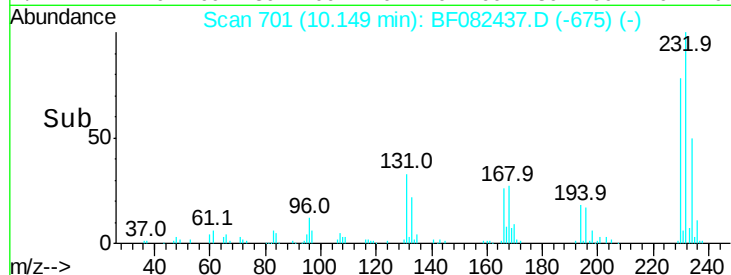
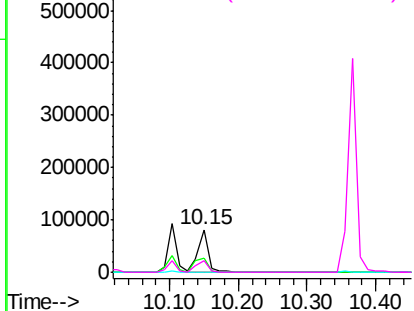
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.92 ng
 RT: 10.15 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

Tot Ion:232 Resp: 85593
 Ion Ratio Lower Upper
 232 100
 131 41.5 36.6 54.8
 130 1.9 1.5 2.3
 166 29.7 24.6 37.0

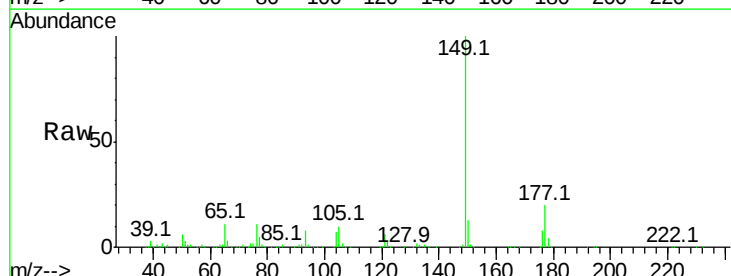


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

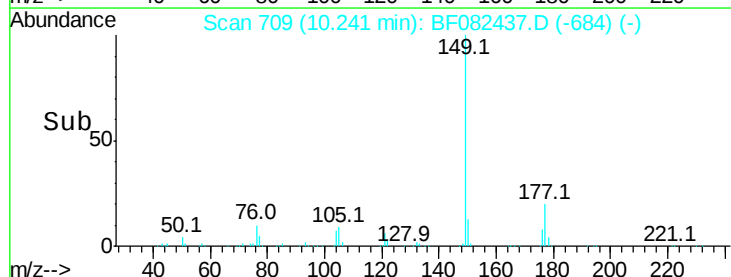
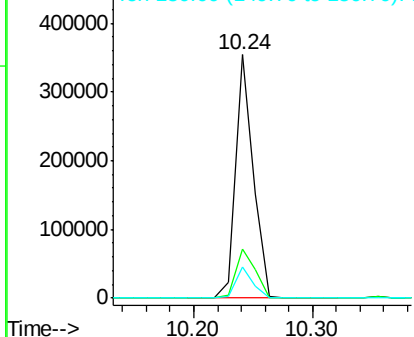


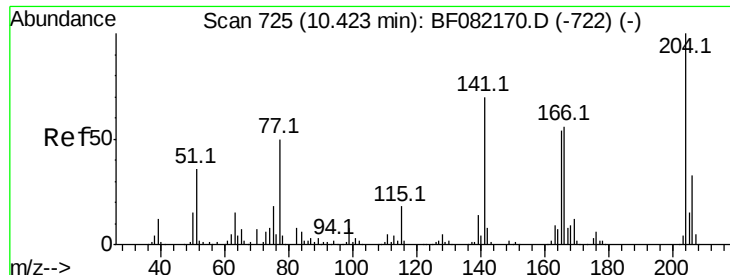
#59
 Diethylphthalate
 Concen: 33.01 ng
 RT: 10.24 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:149 Resp: 366683
 Ion Ratio Lower Upper
 149 100
 177 20.2 17.6 26.4
 150 12.8 10.3 15.5



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

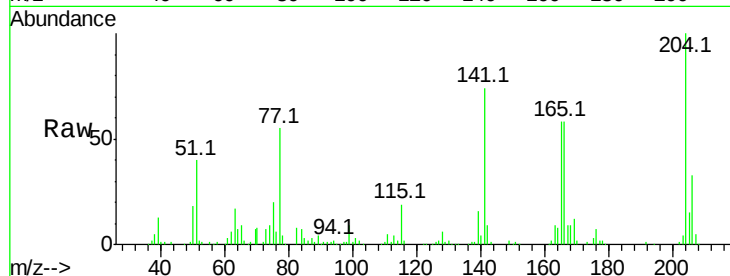




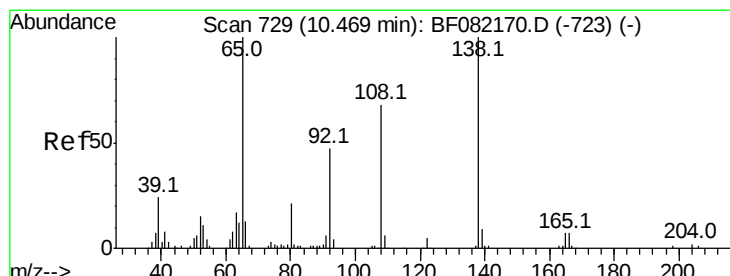
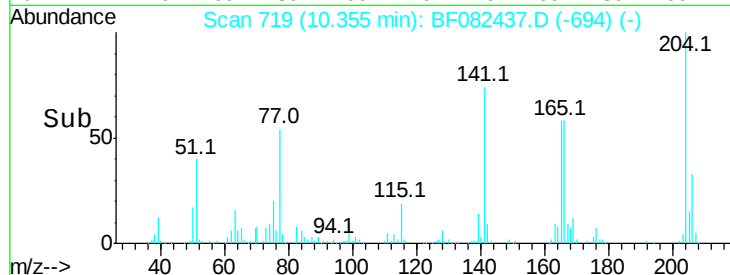
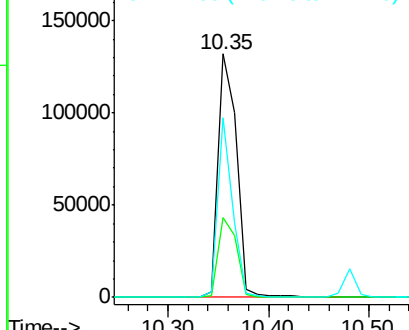
#60
 4-Chlorophenyl-phenylether
 Concen: 34.10 ng
 RT: 10.35 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

Tot Ion:204 Resp: 167346
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.8 40.2
 141 73.7 56.1 84.1

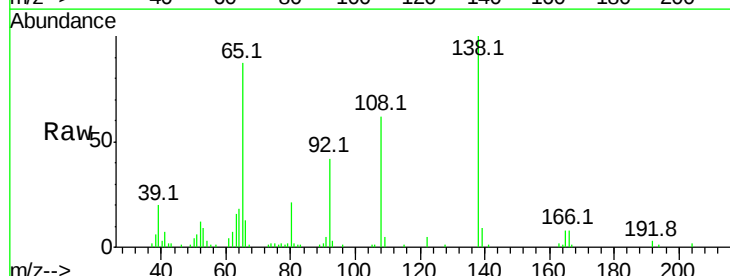


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

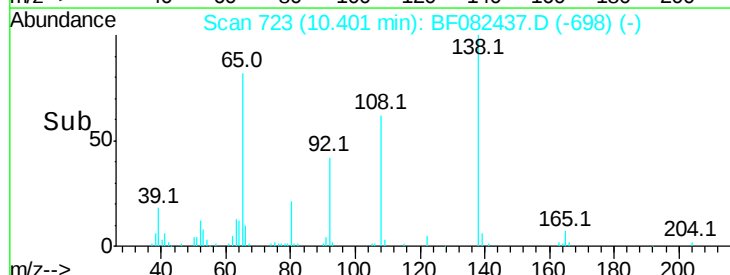
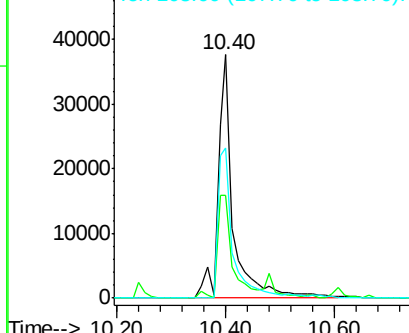


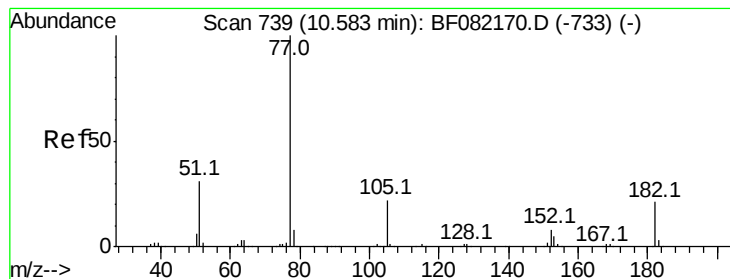
#61
 4-Nitroaniline
 Concen: 26.87 ng
 RT: 10.40 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:138 Resp: 74041
 Ion Ratio Lower Upper
 138 100
 92 42.5 26.8 66.8
 108 61.8 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 31.76 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

Tot Ion: 77 Resp: 345384

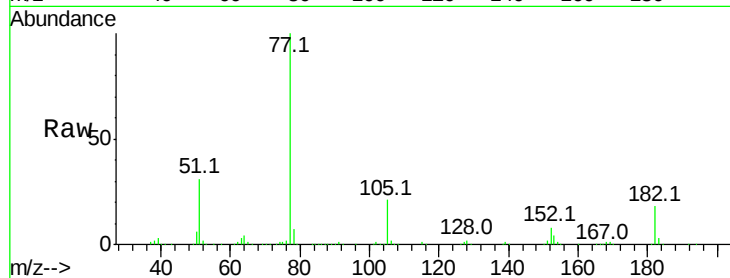
Ion Ratio Lower Upper

77 100

182 18.5 0.5 40.5

105 21.0 1.8 41.8

51 30.7 11.2 51.2

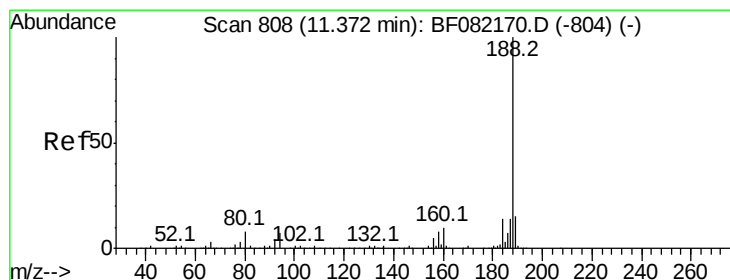
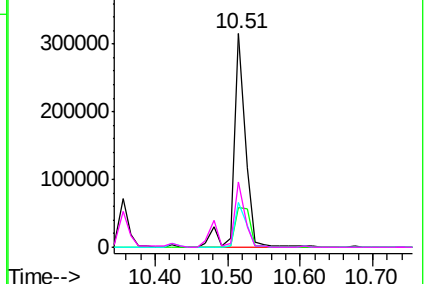
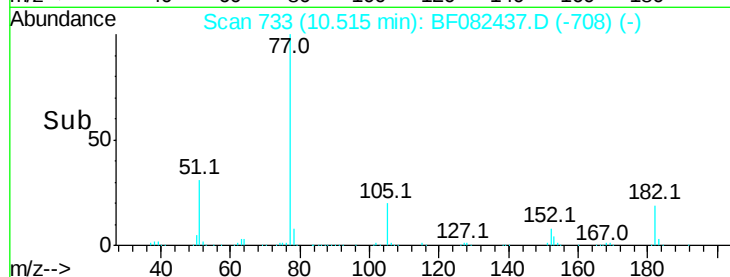


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

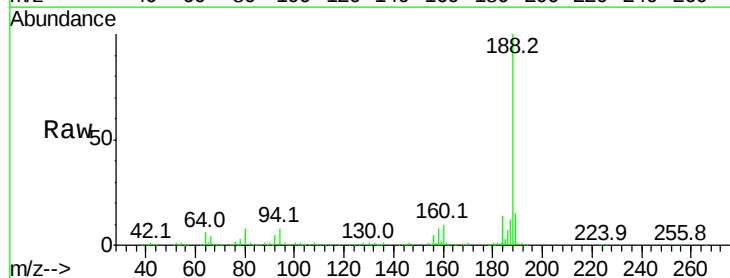
Tgt Ion: 188 Resp: 268678

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

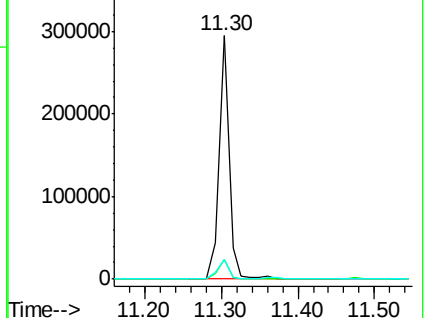
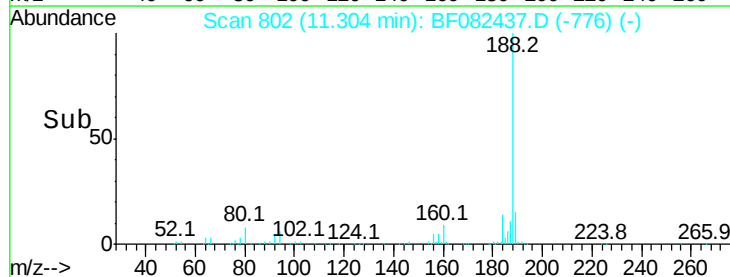
80 8.0 6.4 9.6

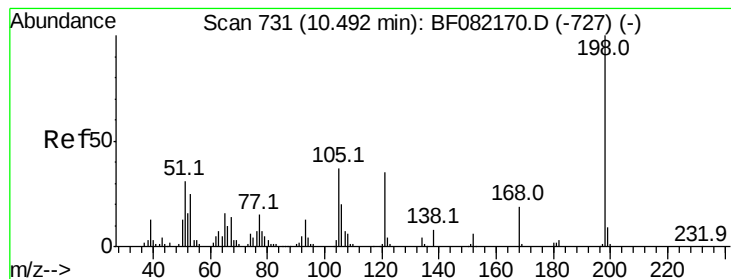


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 7.84 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

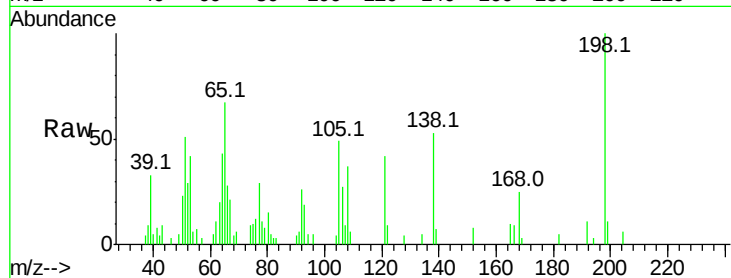
Tot Ion:198 Resp: 11827

Ion Ratio Lower Upper

198 100

51 51.4 13.6 53.6

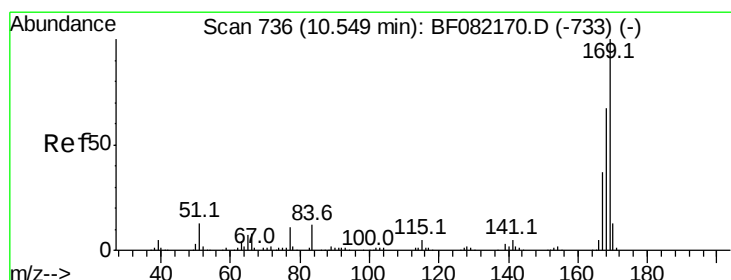
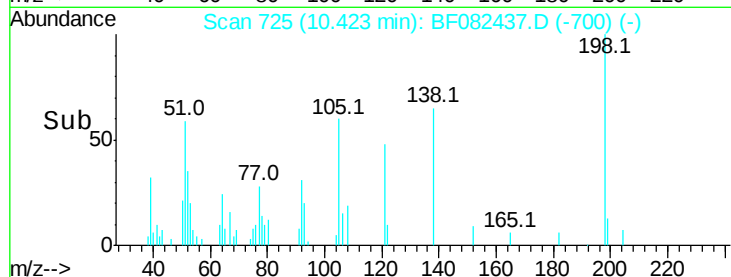
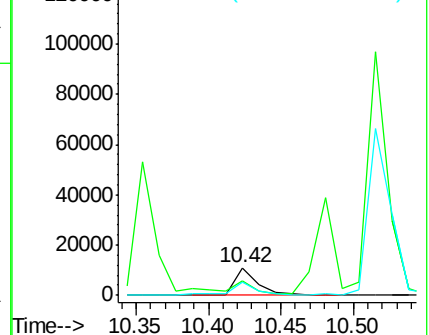
105 49.4 17.1 57.1



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: 33.37 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

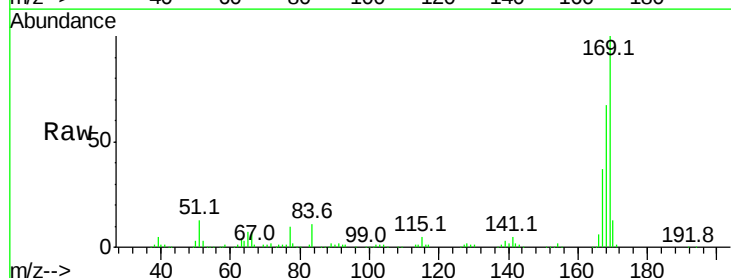
Tgt Ion:169 Resp: 268419

Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

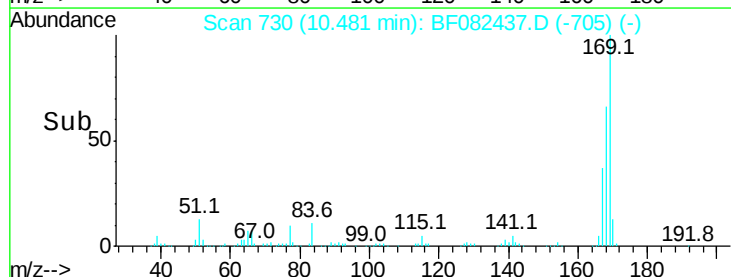
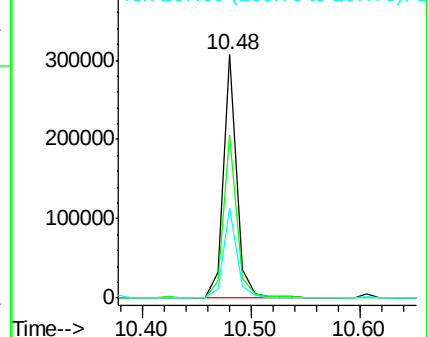
167 36.9 29.6 44.4

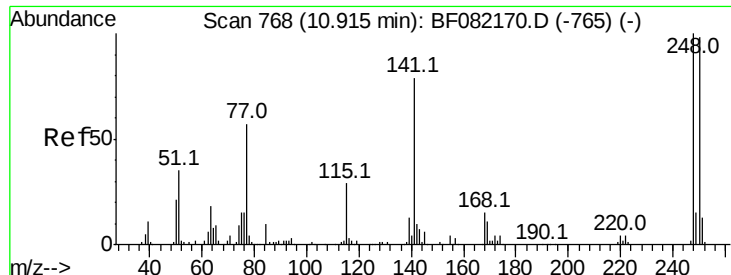


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

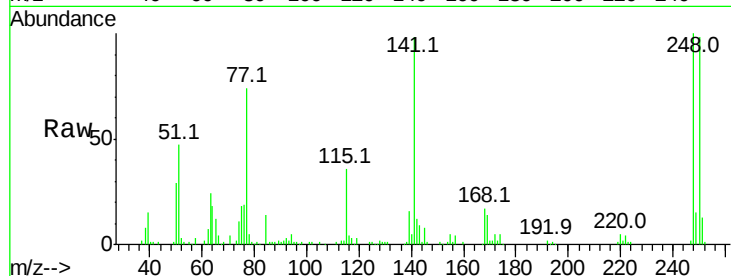




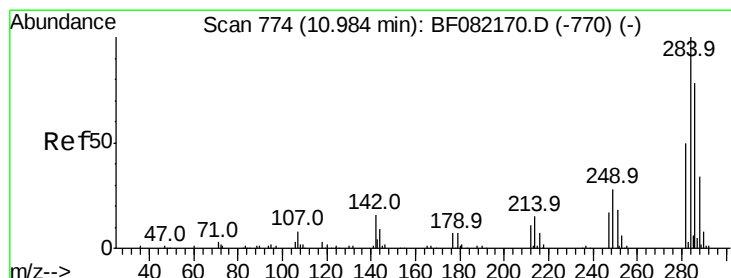
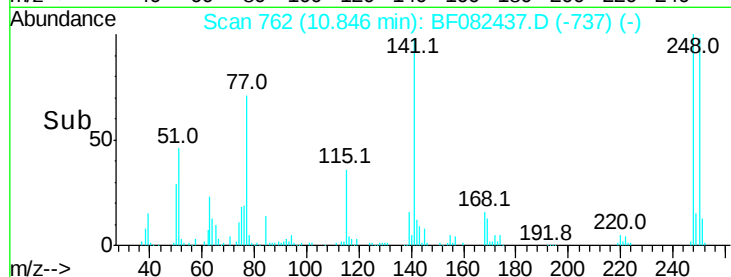
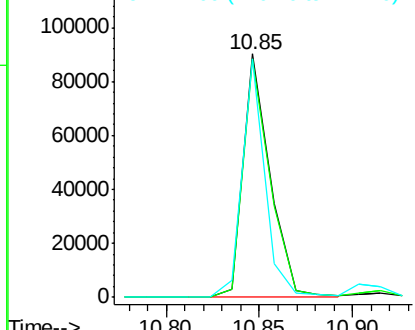
#66
4-Bromophenyl-phenylether
Concen: 33.75 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

Tot Ion:248 Resp: 90755
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 97.8 63.3 94.9#

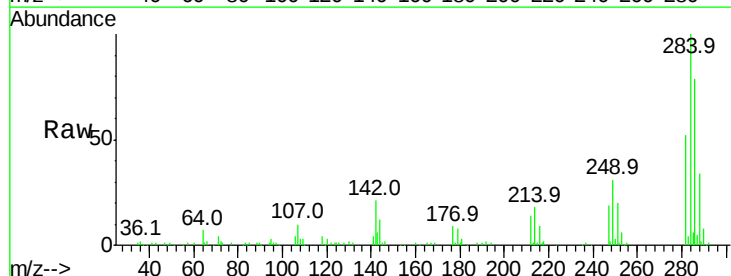


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

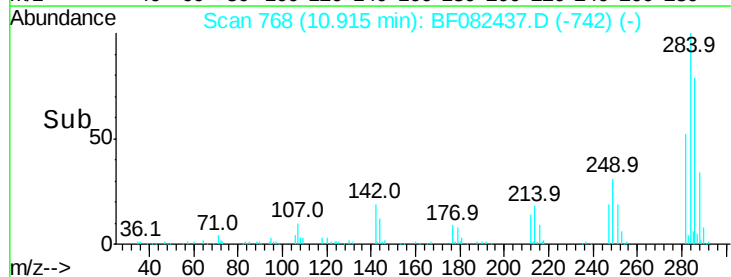
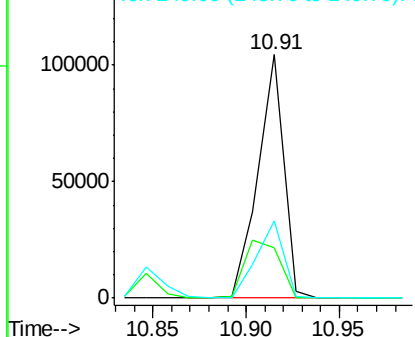


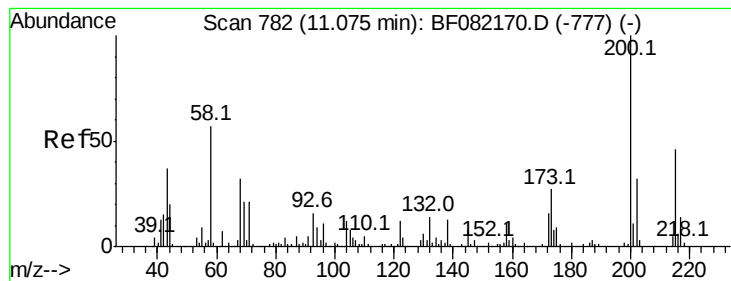
#67
Hexachlorobenzene
Concen: 34.21 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion:284 Resp: 99487
Ion Ratio Lower Upper
284 100
142 20.6 13.0 19.6#
249 31.5 22.5 33.7



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: 24.55 ng

RT: 11.01 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

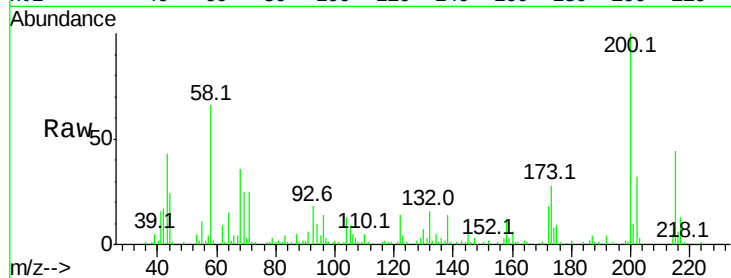
Tot Ion:200 Resp: 62559

Ion Ratio Lower Upper

200 100

173 28.3 7.3 47.3

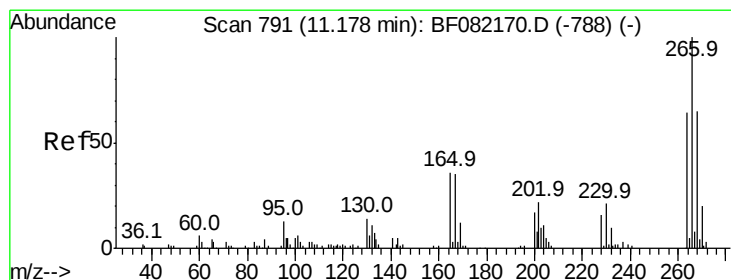
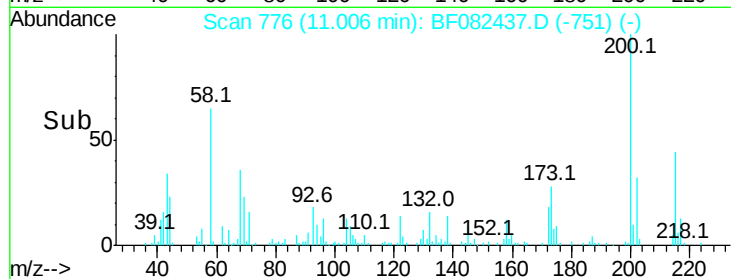
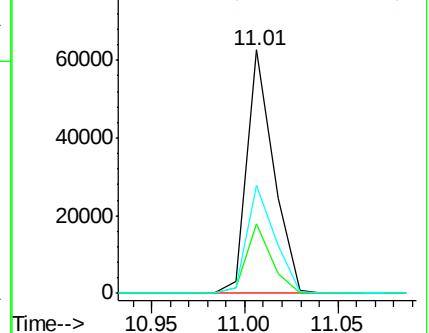
215 44.1 26.2 66.2



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: 55.05 ng

RT: 11.11 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

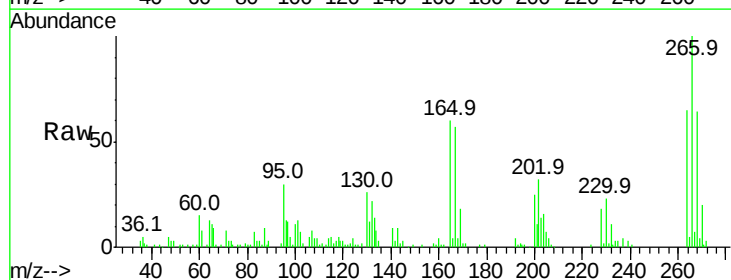
Tgt Ion:266 Resp: 82375

Ion Ratio Lower Upper

266 100

268 63.8 52.0 78.0

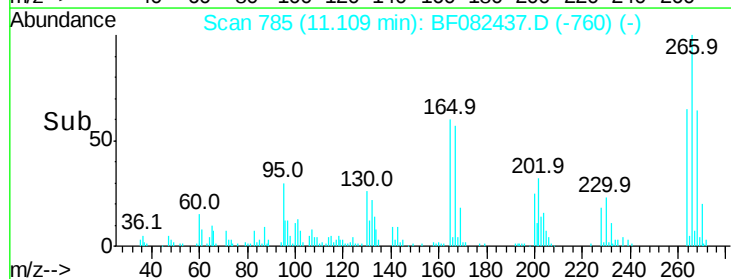
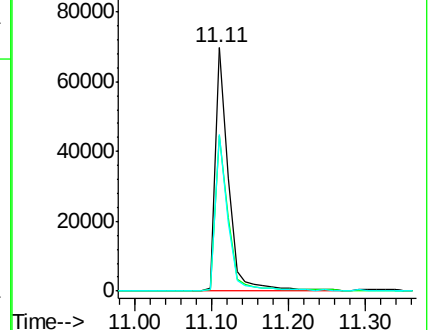
264 64.5 51.4 77.0

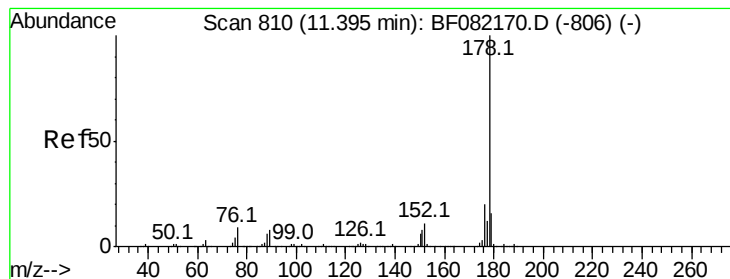


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.18 ng

RT: 11.33 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

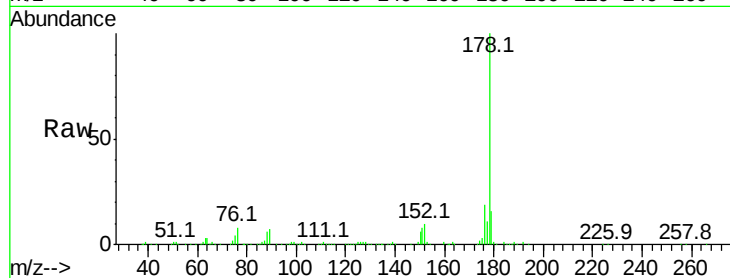
Tot Ion:178 Resp: 450197

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

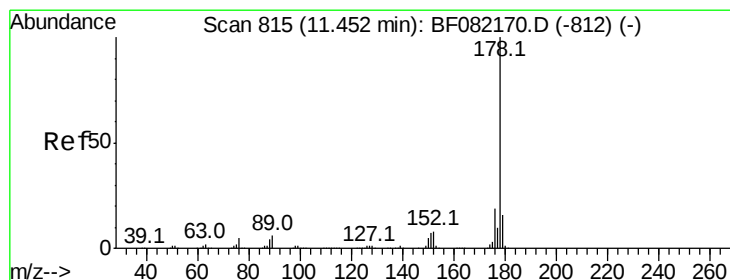
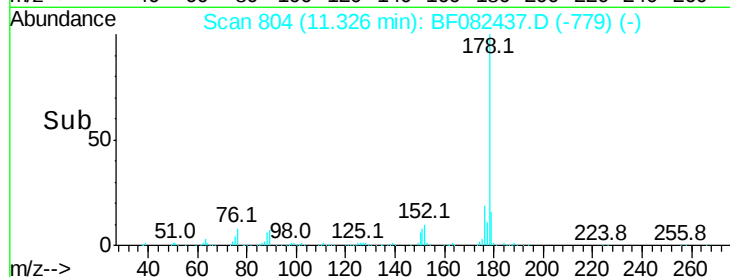
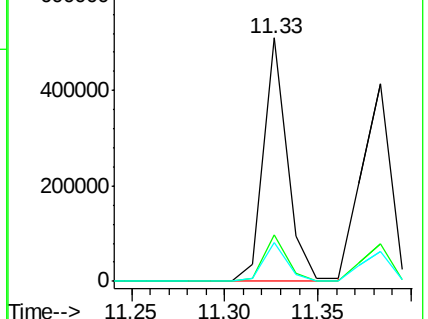
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 34.11 ng

RT: 11.38 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

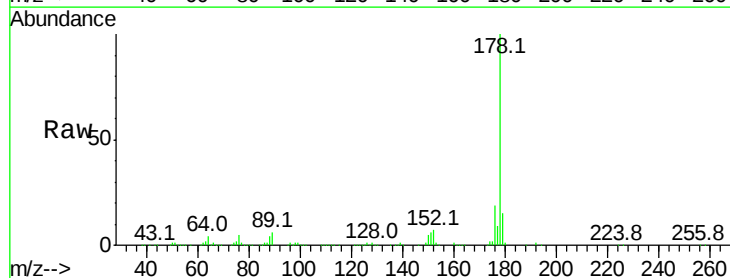
Tgt Ion:178 Resp: 462932

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

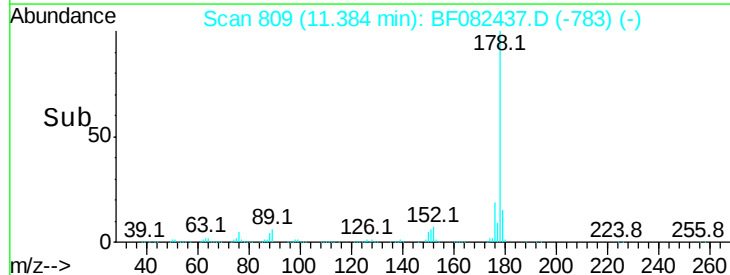
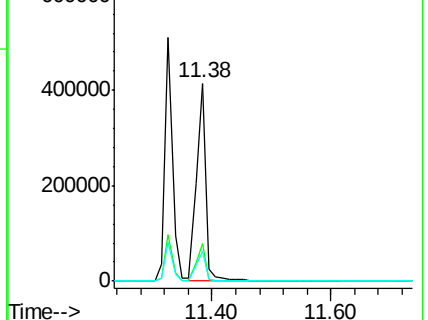
179 15.2 12.5 18.7

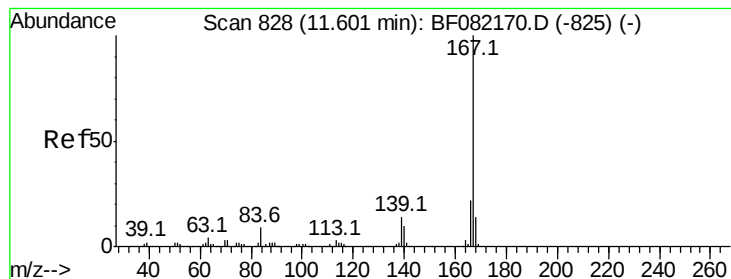


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 32.70 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

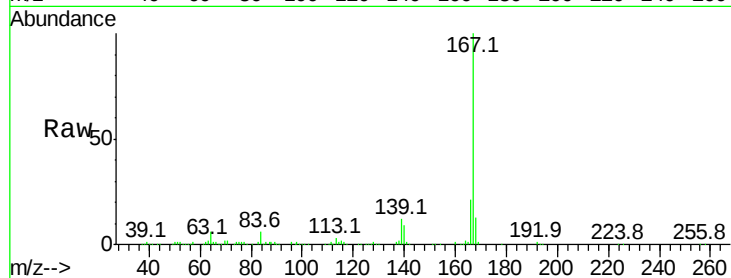
Tot Ion:167 Resp: 404770

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

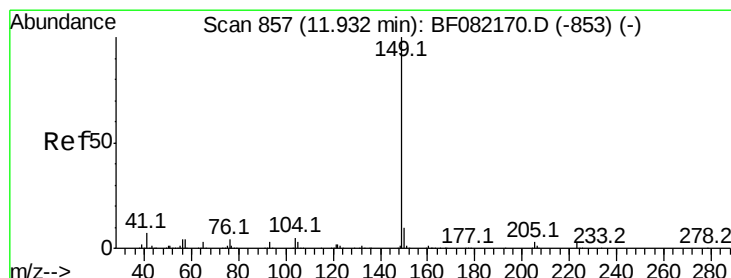
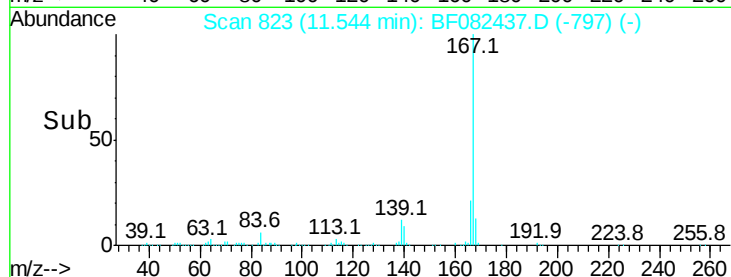
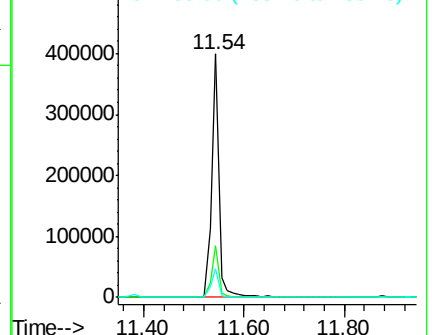
139 12.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.72 ng

RT: 11.88 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

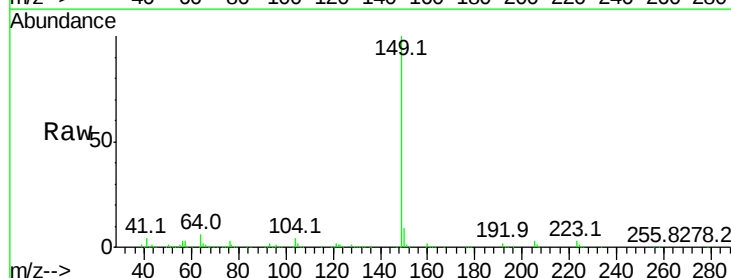
Tgt Ion:149 Resp: 560767

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

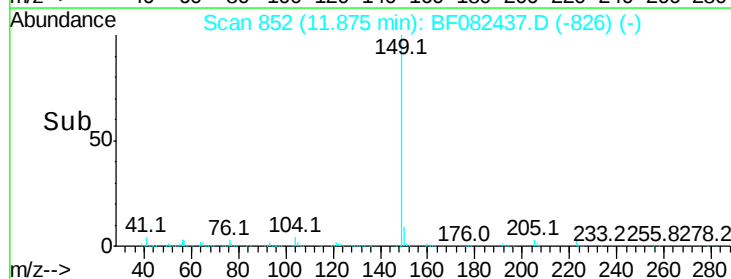
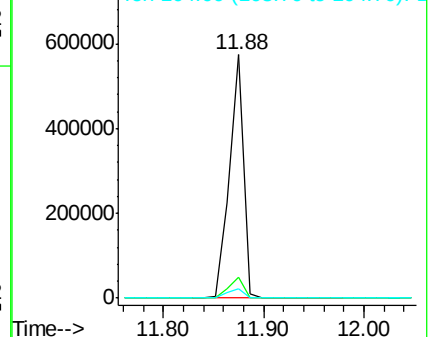
104 3.8 3.8 5.8#

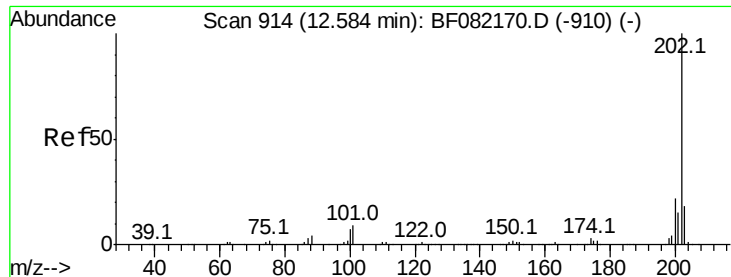


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

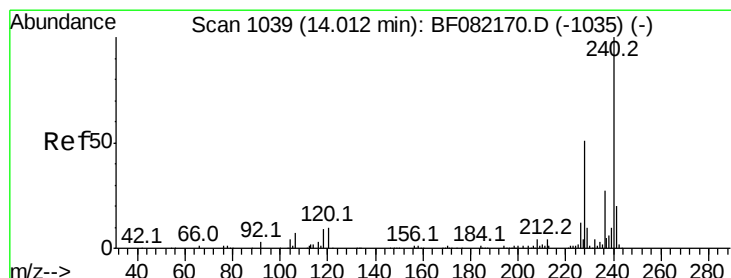
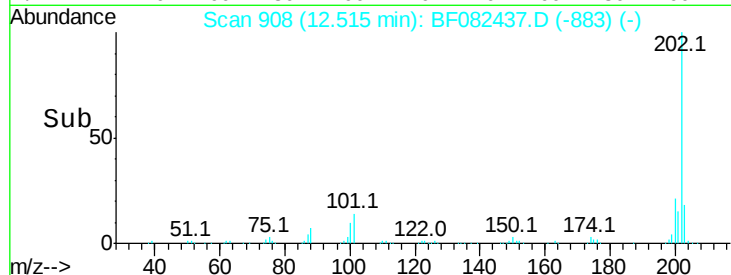
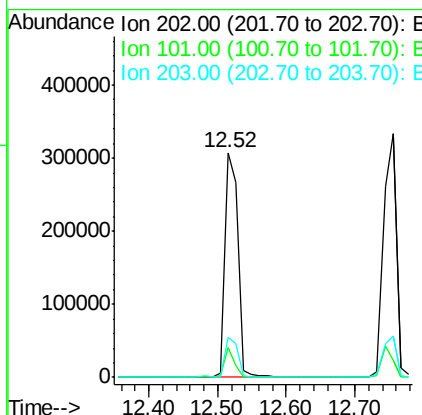
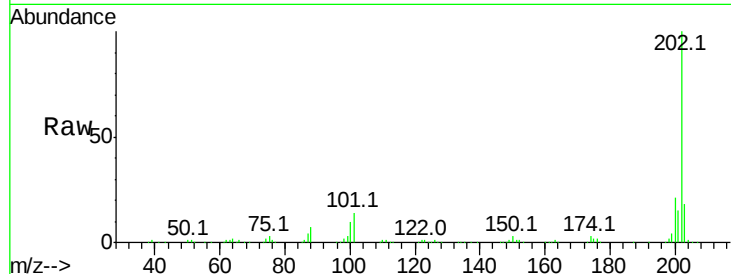




#74
 Fluoranthene
 Concen: 29.29 ng
 RT: 12.52 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

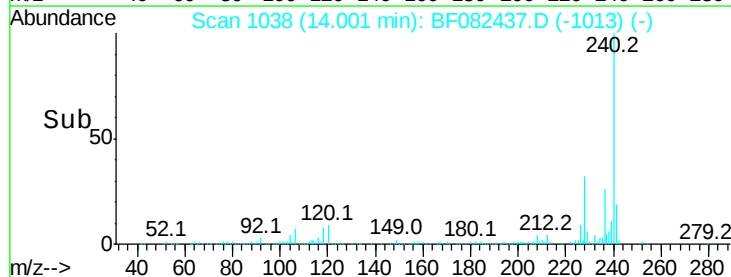
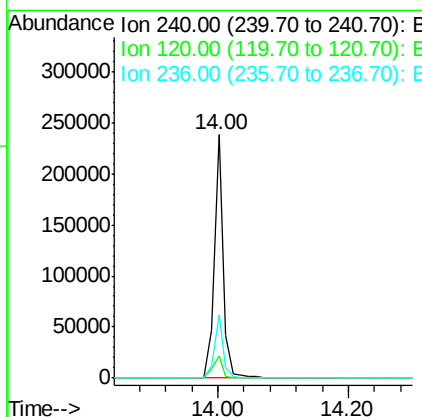
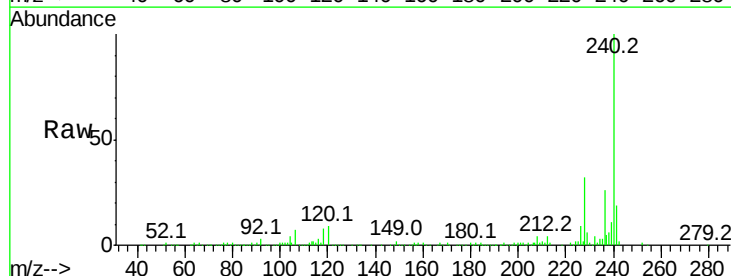
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

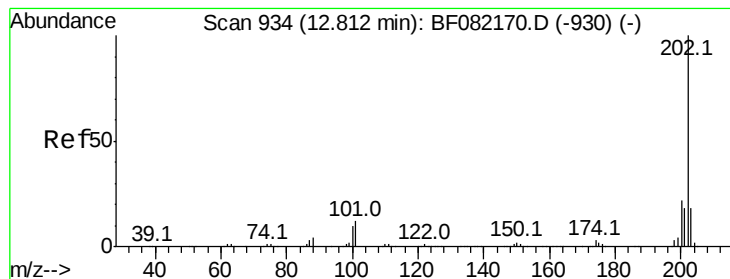
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	29.3
203	17.8	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	25.7	21.3	31.9





#77

Pvrene

Concen: 30.73 ng

RT: 12.76 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

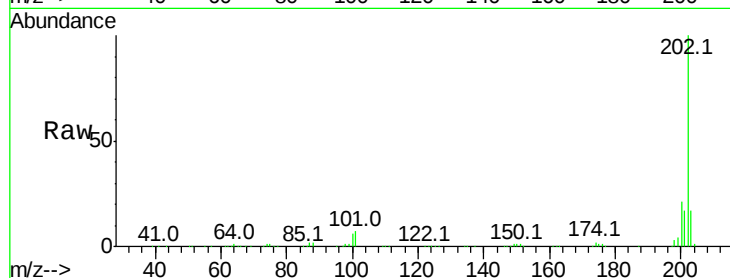
Tot Ion:202 Resp: 427637

Ion Ratio Lower Upper

202 100

200 20.7 17.9 26.9

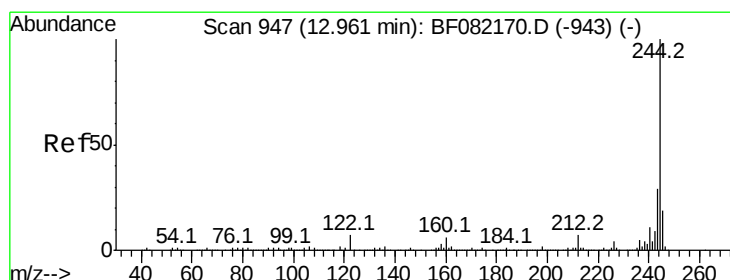
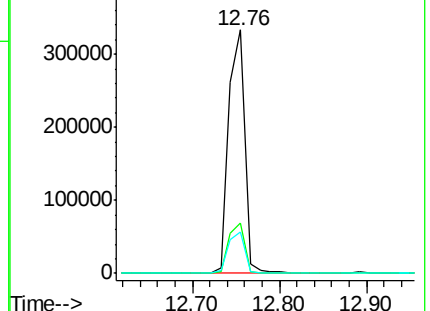
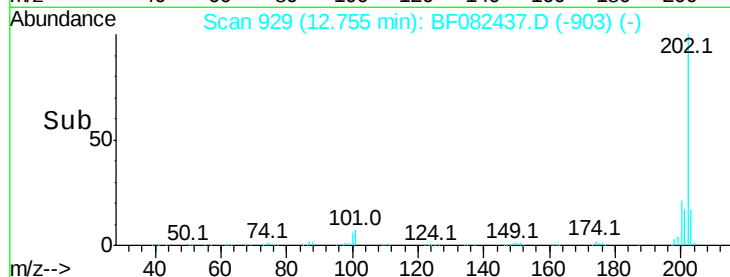
203 17.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.53 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

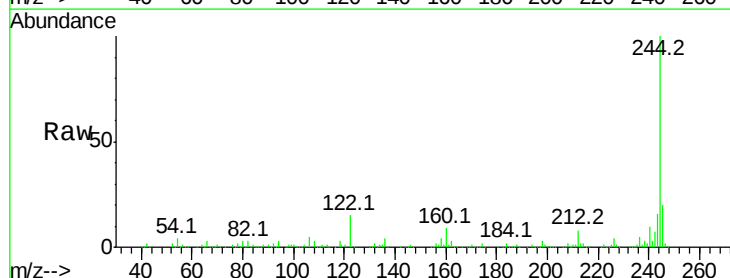
Tgt Ion:244 Resp: 491413

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

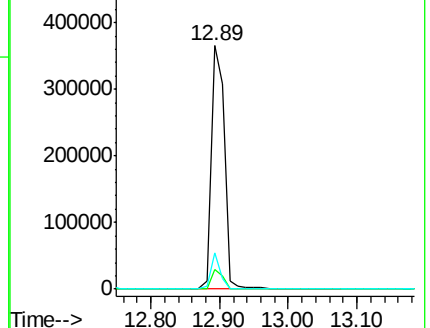
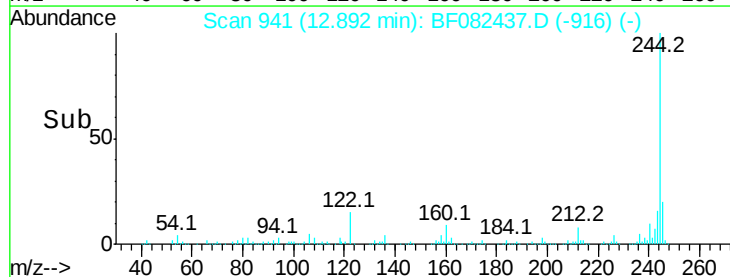
122 14.7 5.9 8.9#

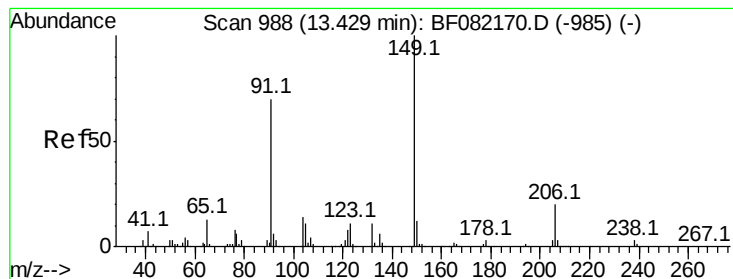


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.42 ng

RT: 13.38 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

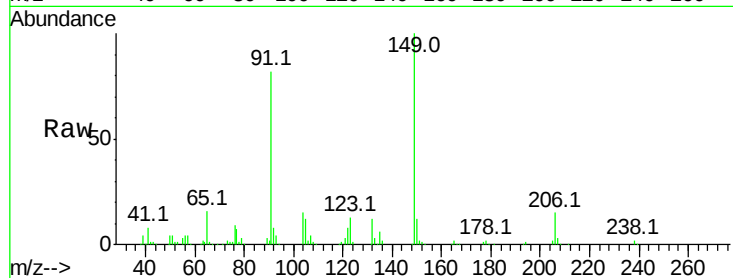
Tot Ion:149 Resp: 199540

Ion Ratio Lower Upper

149 100

91 82.1 55.7 83.5

206 14.9 15.6 23.4#



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

13.38

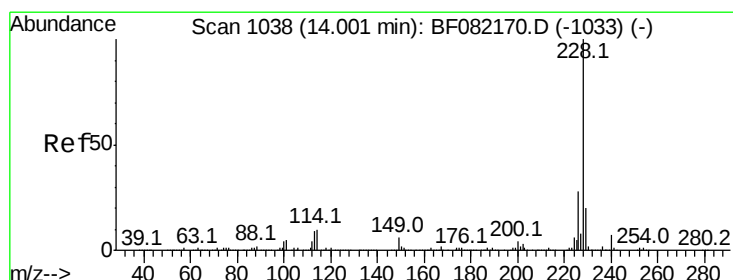
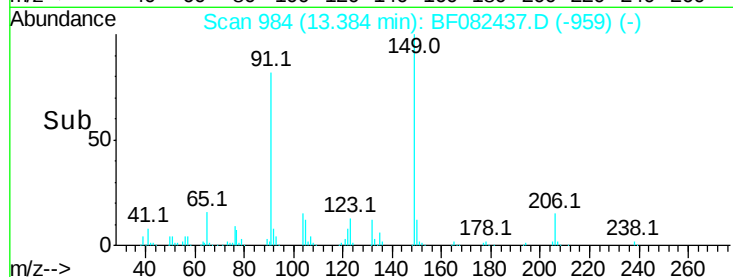
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#80

Benzo(a)anthracene

Concen: 31.13 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

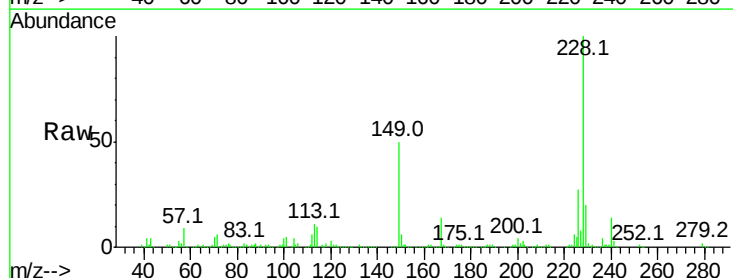
Tgt Ion:228 Resp: 379908

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 20.1 16.2 24.2



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

13.99

400000

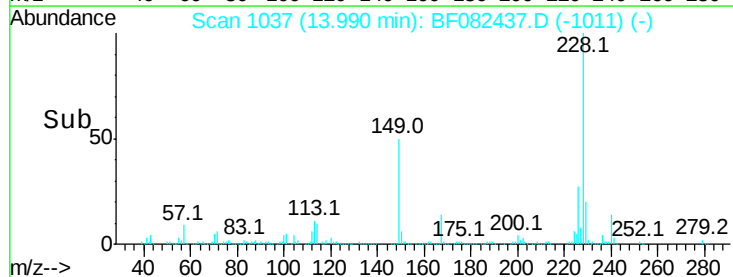
300000

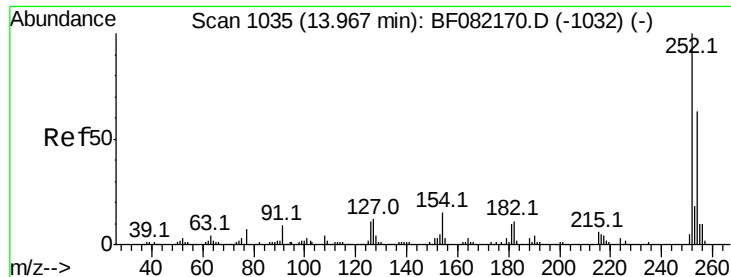
200000

100000

0

Time--> 13.90 13.95 14.00

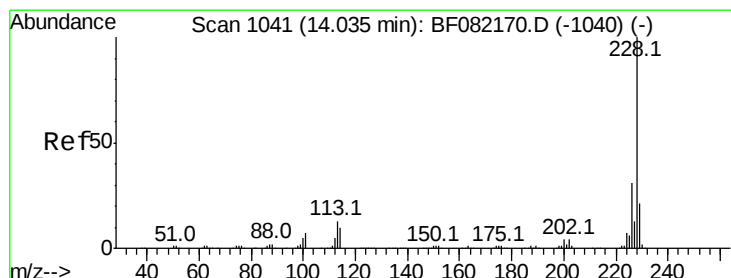
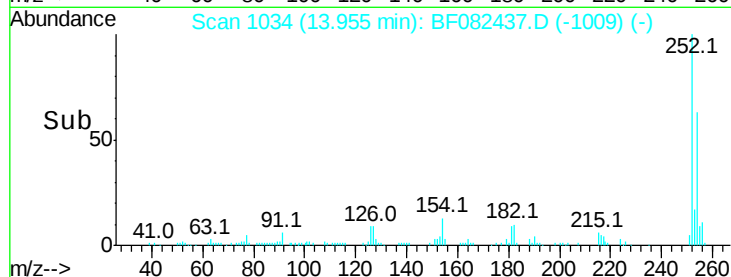
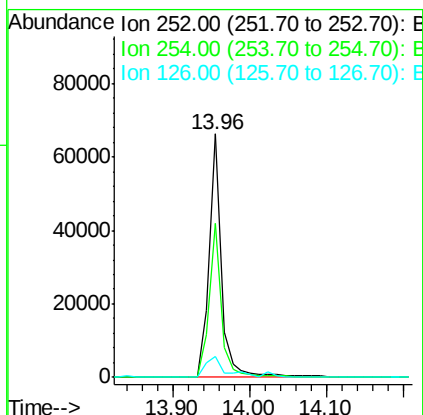
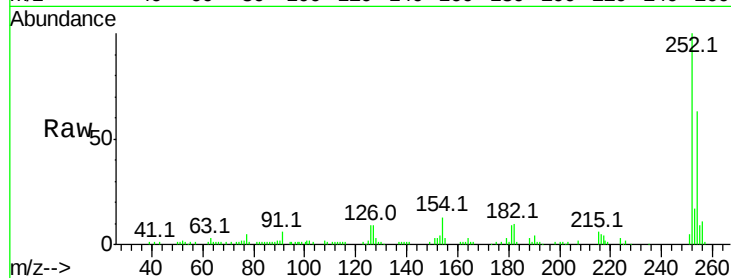




#81
 3,3'-Dichlorobenzidine
 Concen: 16.05 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

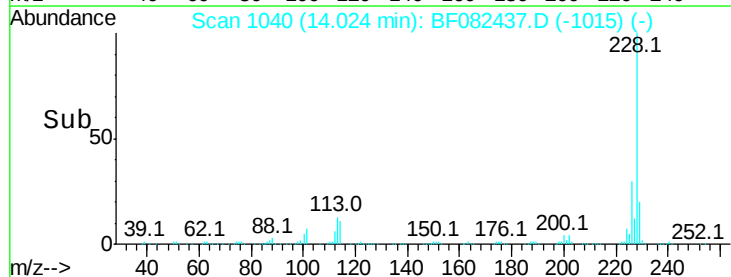
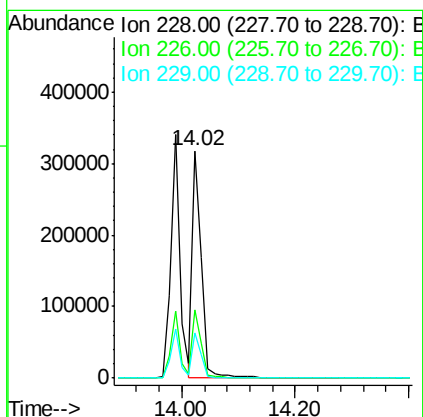
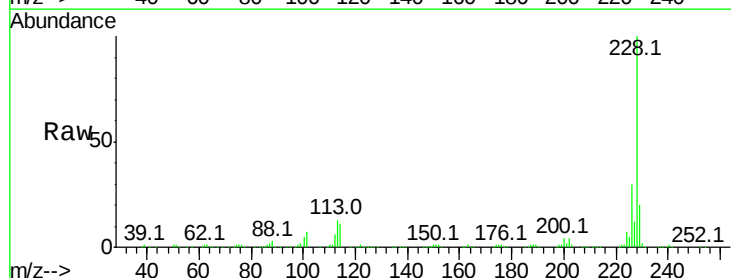
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

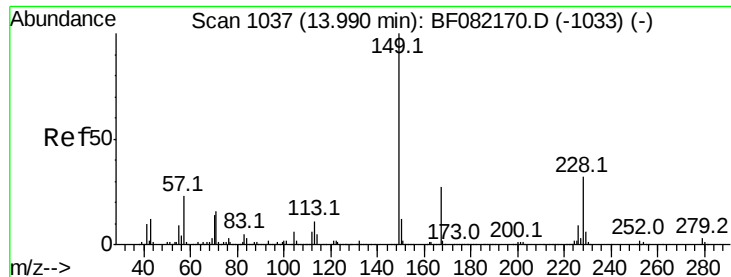
Tot Ion:252 Resp: 74325
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 8.6 9.0 13.6#



#82
 Chrysene
 Concen: 28.19 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:228 Resp: 362411
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 20.0 16.3 24.5

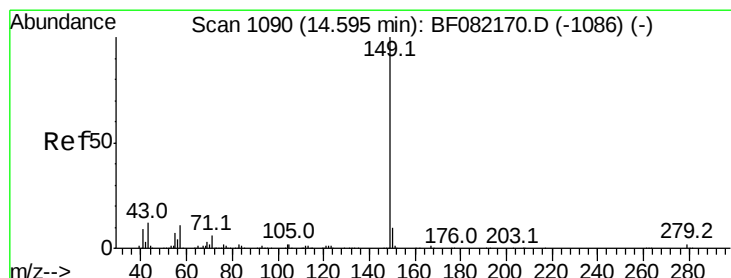
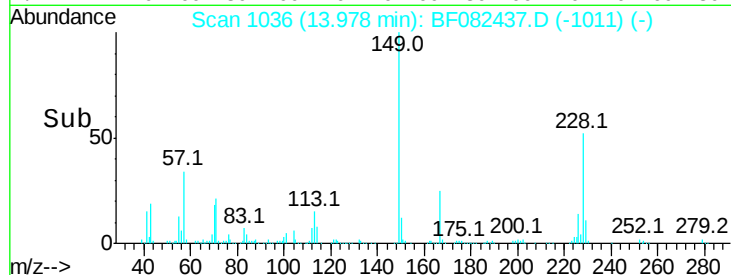
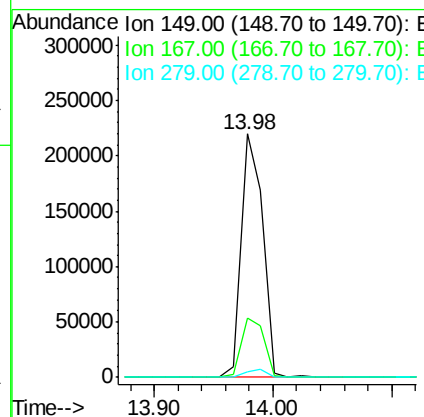
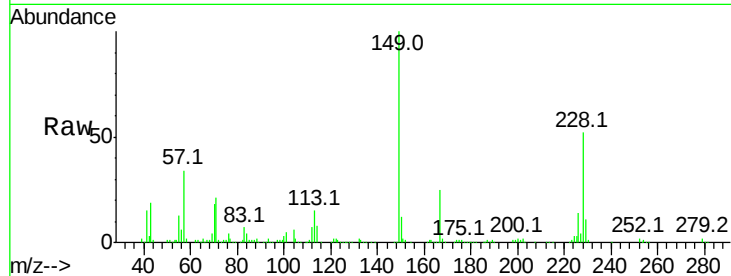




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.74 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

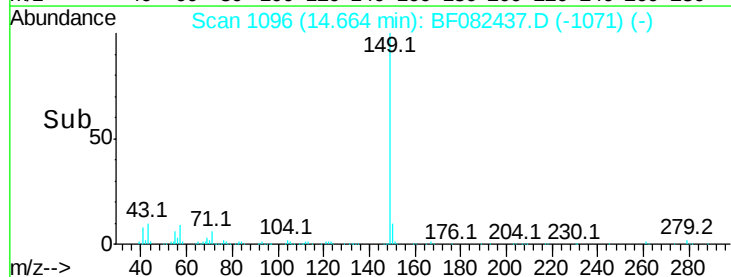
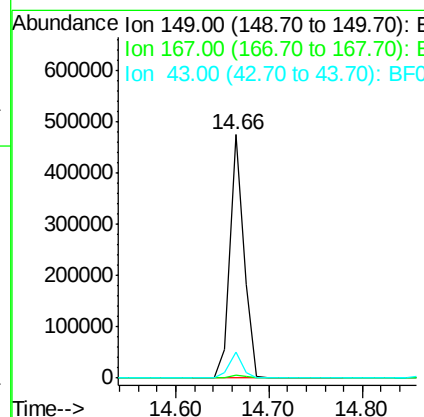
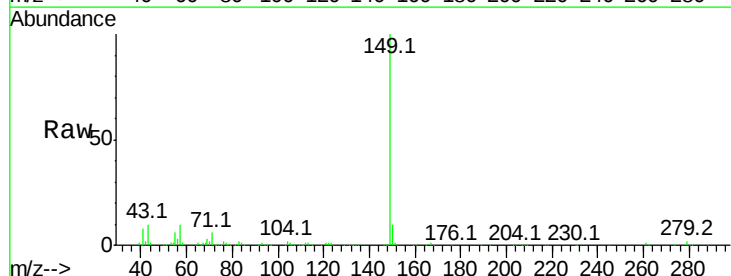
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MSD

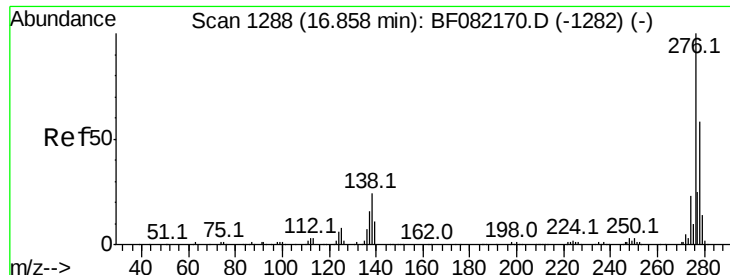
Tot Ion:149 Resp: 278521
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.3 31.9
 279 2.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 31.92 ng
 RT: 14.66 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF082437.D
 Acq: 22 Oct 2015 7:59

Tgt Ion:149 Resp: 496800
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 9.4 7.4 11.2

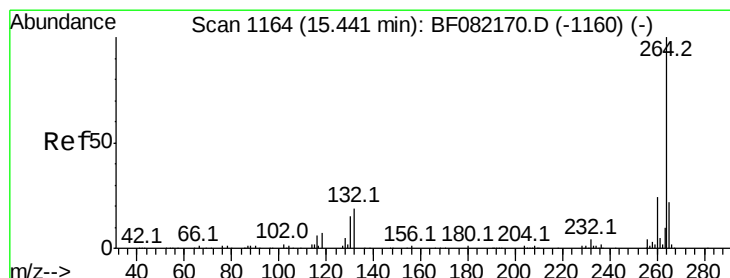
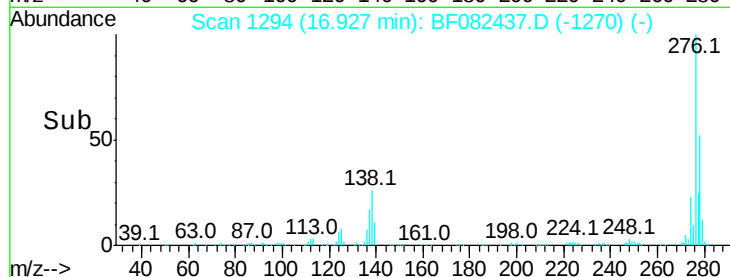
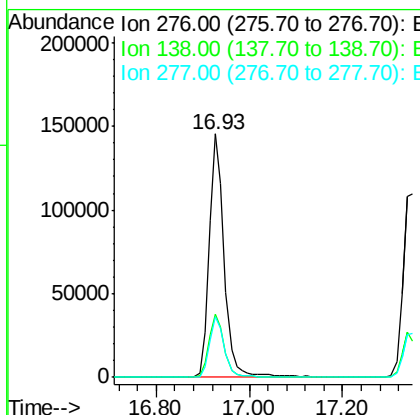
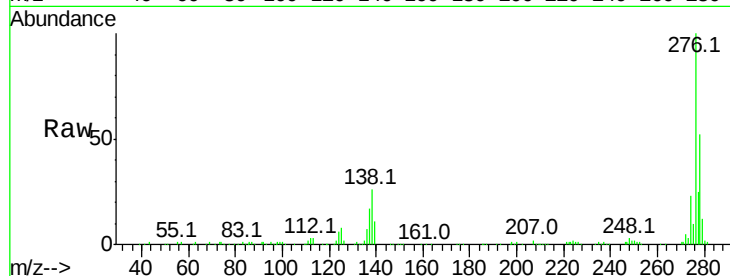




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.21 ng
RT: 16.93 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

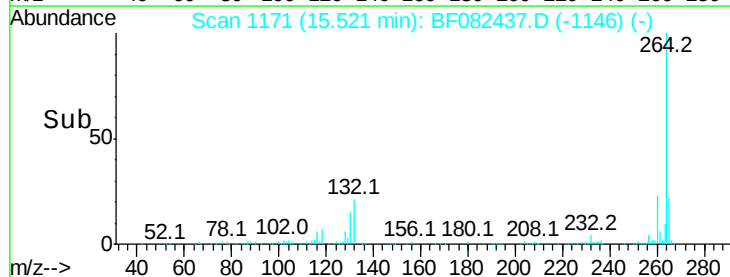
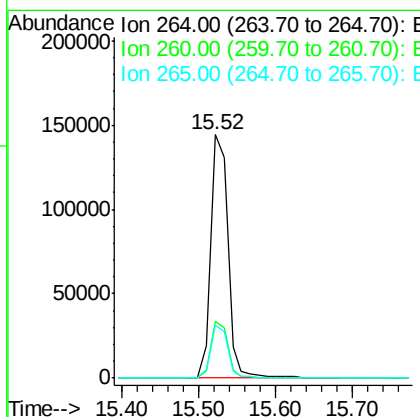
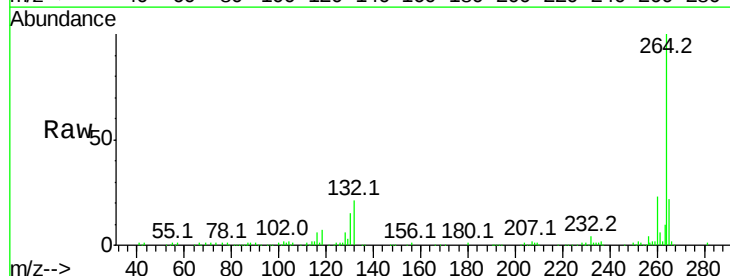
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MSD

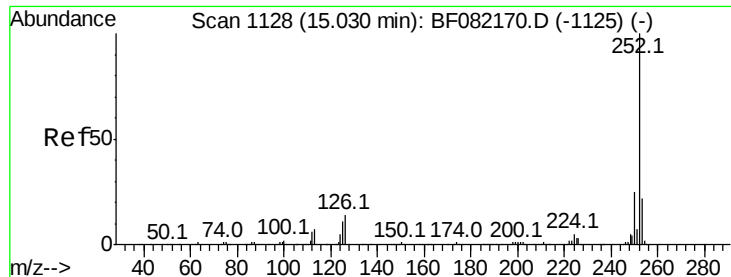
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.7	29.5
277	24.9	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF082437.D
Acq: 22 Oct 2015 7:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 31.76 ng

RT: 15.11 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

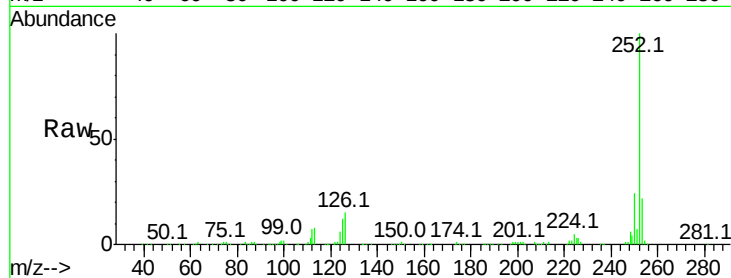
Tot Ion:252 Resp: 434951

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

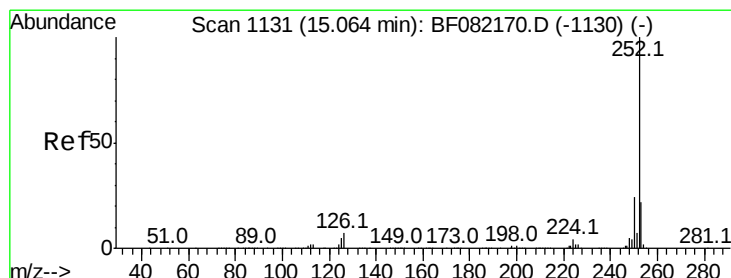
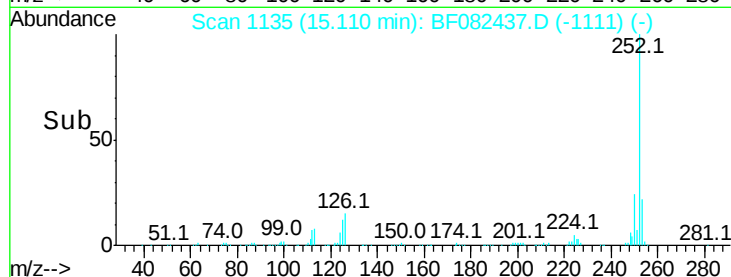
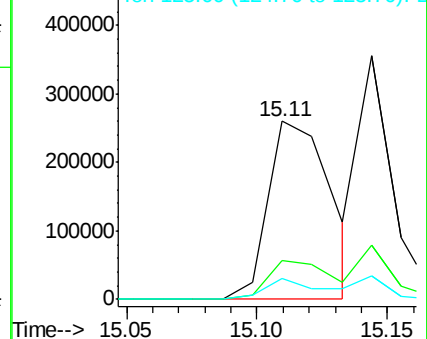
125 11.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.65 ng m

RT: 15.14 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

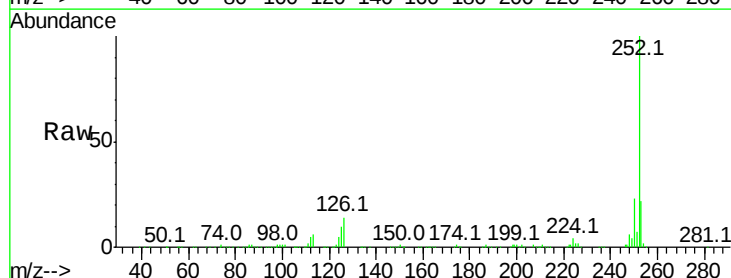
Tgt Ion:252 Resp: 329776

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

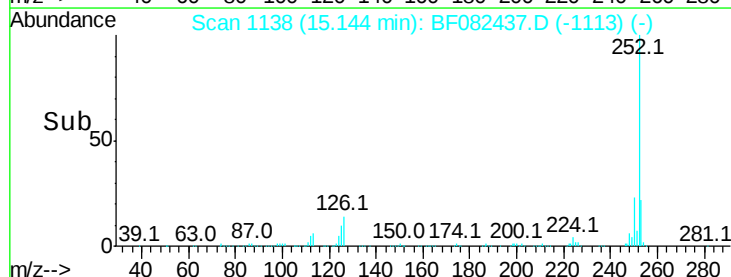
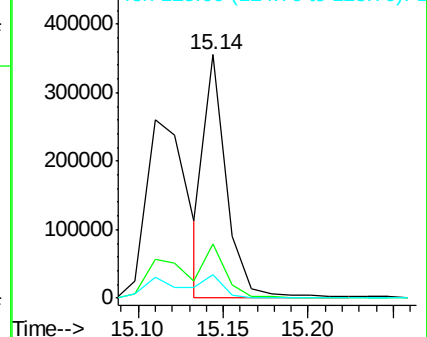
125 9.7 6.7 10.1

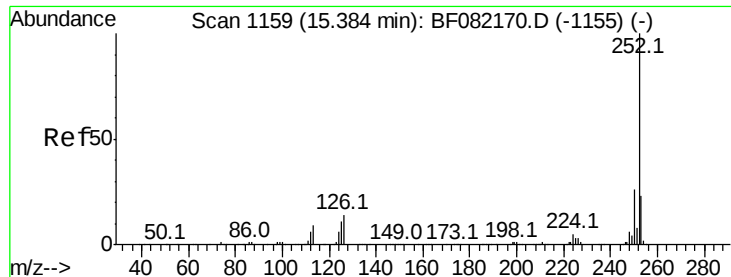


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.70 ng

RT: 15.46 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

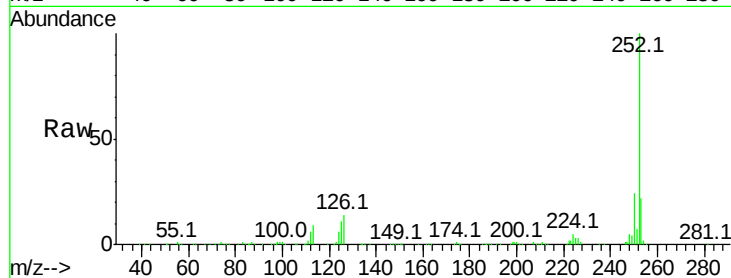
BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

Tot Ion:252 Resp: 361407

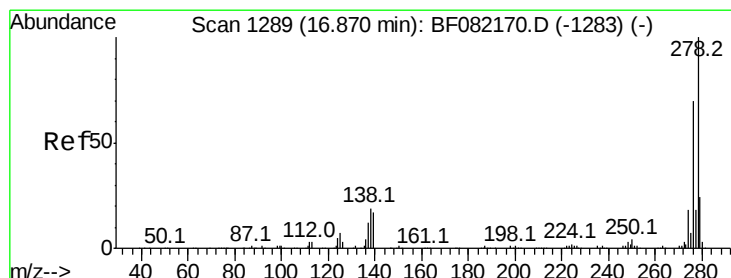
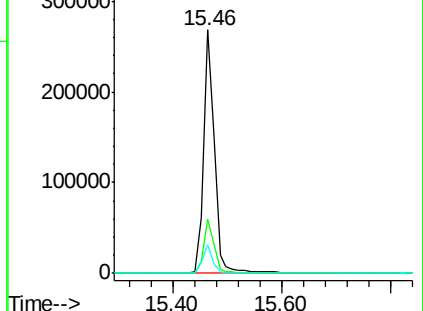
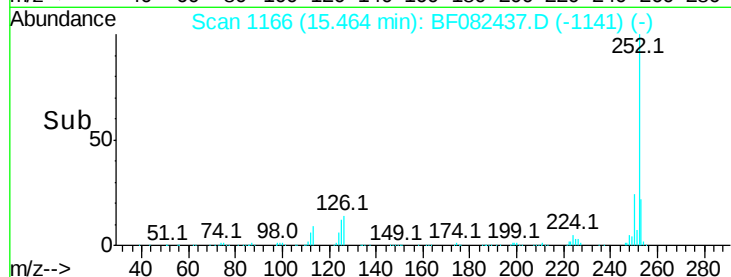
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.5	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.89 ng

RT: 16.94 min Scan# 1295

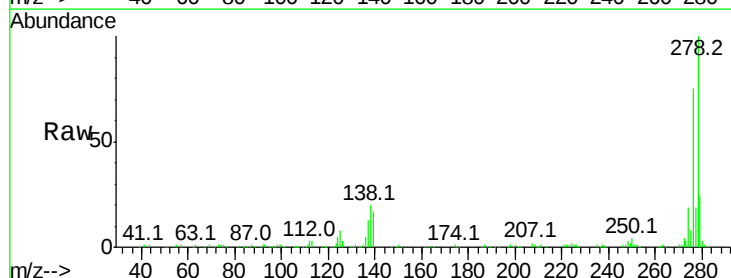
Delta R.T. -0.02 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Tgt Ion:278 Resp: 297970

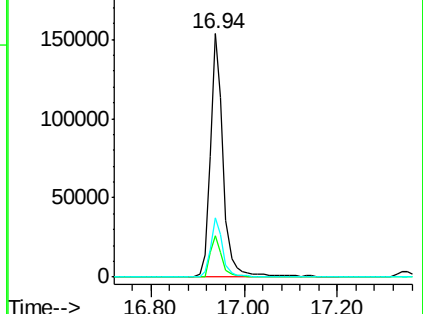
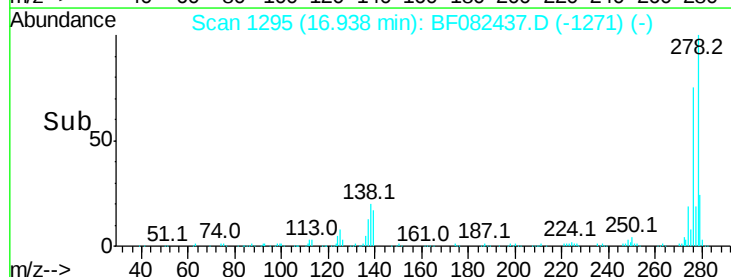
Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.3	19.9
279	24.1	18.9	28.3

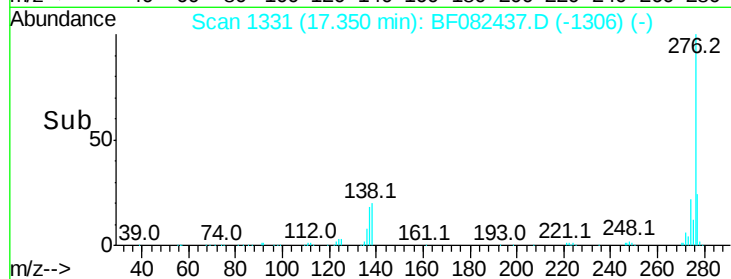
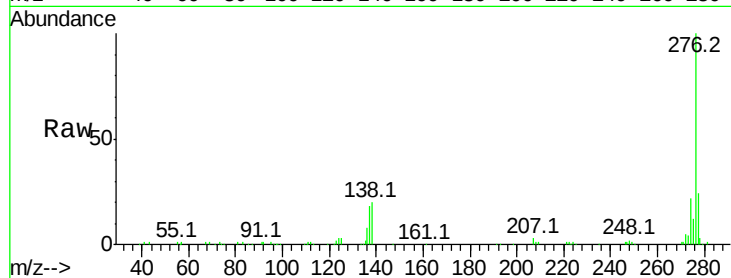
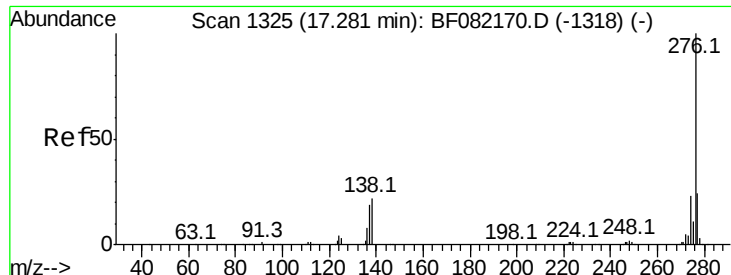


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.08 ng

RT: 17.35 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF082437.D

Acq: 22 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MSD

Tot Ion:276 Resp: 253795

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.7 17.4 26.2

