

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081170.D
 Acq On : 24 Aug 2015 15:31
 Operator : UM/IZ
 Sample : PB85016BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Quant Time: Aug 24 15:56:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	67531	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	292159	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	130712	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	267691	20.00	ng	0.00
75) Chrysene-d12	13.66	240	239224	20.00	ng	0.00
86) Perylene-d12	14.99	264	169992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	523468	116.59	ng	0.02
7) Phenol-d6	6.20	99	652418	111.37	ng	0.00
23) Nitrobenzene-d5	7.11	82	450763	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	111532	98.43	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	653728	65.53	ng	0.00
78) Terphenyl-d14	12.63	244	705392	63.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	63759	30.14	ng	91
3) Pyridine	2.62	79	181955	30.47	ng	# 79
4) n-Nitrosodimethylamine	2.57	42	115423	34.72	ng	# 79
6) Aniline	6.21	93	189052	22.20	ng	# 1
8) 2-Chlorophenol	6.32	128	174285	35.46	ng	91
9) Benzaldehyde	6.08	77	48621	12.87	ng	92
10) Phenol	6.21	94	212416	30.70	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	181131	34.12	ng	89
12) 1,3-Dichlorobenzene	6.48	146	187652	35.54	ng	97
13) 1,4-Dichlorobenzene	6.56	146	187237	35.81	ng	98
14) 1,2-Dichlorobenzene	6.71	146	162395	33.18	ng	99
15) Benzyl Alcohol	6.70	79	165230	34.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	359212	34.43	ng	99
17) 2-Methylphenol	6.82	107	163634	38.81	ng	94
18) Hexachloroethane	7.05	117	71746	33.96	ng	97
19) n-Nitroso-di-n-propylamine	6.97	70	135726	33.45	ng	92
20) 3+4-Methylphenols	6.97	107	197526	36.91	ng	# 67
22) Acetophenone	6.96	105	259154	33.79	ng	# 88
24) Nitrobenzene	7.13	77	208151	31.13	ng	98
25) Isophorone	7.38	82	373592	31.32	ng	# 94
26) 2-Nitrophenol	7.45	139	99307	35.71	ng	# 71
27) 2,4-Dimethylphenol	7.51	122	158404	32.20	ng	90
28) bis(2-Chloroethoxy)methane	7.60	93	244052	34.64	ng	99
29) 2,4-Dichlorophenol	7.69	162	134593	32.49	ng	89
30) 1,2,4-Trichlorobenzene	7.77	180	143626	31.20	ng	97
31) Naphthalene	7.85	128	549677	33.75	ng	99
32) Benzoic acid	7.65	122	116180	41.98	ng	93
33) 4-Chloroaniline	7.91	127	118424	17.23	ng	# 86
34) Hexachlorobutadiene	7.98	225	86962	33.40	ng	97
35) Caprolactam	8.29	113	34502	23.83	ng	# 59
36) 4-Chloro-3-methylphenol	8.40	107	163062	33.03	ng	99
37) 2-Methylnaphthalene	8.54	142	320243	31.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	144732	34.32	ng	98
40) Hexachlorocyclopentadiene	8.70	237	143463	65.72	ng	97

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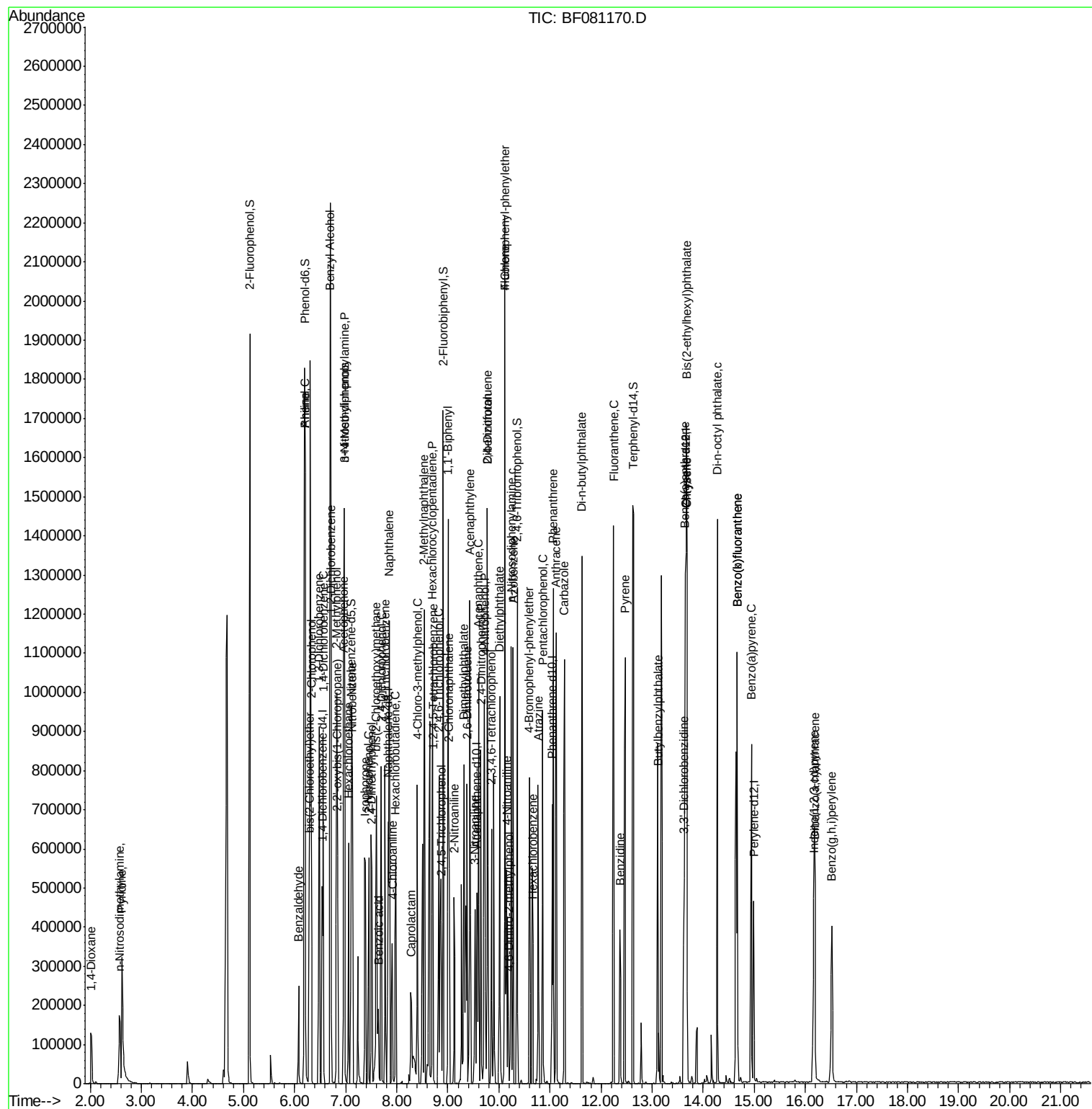
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	104563	35.10	ng	96
43) 2,4,5-Trichlorophenol	8.87	196	99451	33.40	ng #	92
45) 1,1'-Biphenyl	9.01	154	431267	37.46	ng	99
46) 2-Chloronaphthalene	9.02	162	297506	32.16	ng #	92
47) 2-Nitroaniline	9.12	65	119266	31.51	ng	99
48) Acenaphthylene	9.43	152	474182	28.66	ng	99
49) Dimethylphthalate	9.32	163	332918	30.93	ng	99
50) 2,6-Dinitrotoluene	9.37	165	75857	32.82	ng #	77
51) Acenaphthene	9.60	154	281946	28.46	ng	99
52) 3-Nitroaniline	9.53	138	55824	19.30	ng	98
53) 2,4-Dinitrophenol	9.65	184	92443	73.11	ng #	75
54) Dibenzofuran	9.77	168	424116	31.95	ng #	90
55) 4-Nitrophenol	9.72	139	136055	66.98	ng #	80
56) 2,4-Dinitrotoluene	9.77	165	97932	31.97	ng #	68
57) Fluorene	10.12	166	316391	30.98	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	76715	33.29	ng	98
59) Diethylphthalate	10.01	149	368874	32.37	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	151833	35.14	ng	97
61) 4-Nitroaniline	10.15	138	98894	33.45	ng	91
62) Azobenzene	10.28	77	466420	35.52	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	54933	34.36	ng #	36
65) n-Nitrosodiphenylamine	10.24	169	326306	34.15	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	82347	31.31	ng #	62
67) Hexachlorobenzene	10.66	284	87512	32.86	ng #	83
68) Atrazine	10.77	200	88010	33.06	ng	98
69) Pentachlorophenol	10.86	266	112534	70.42	ng	100
70) Phenanthrene	11.06	178	460430	29.02	ng	99
71) Anthracene	11.12	178	556469	36.05	ng	99
72) Carbazole	11.28	167	561934	37.81	ng	99
73) Di-n-butylphthalate	11.62	149	602959	33.52	ng	98
74) Fluoranthene	12.24	202	559411	32.68	ng	94
76) Benzidine	12.37	184	193414	21.40	ng	98
77) Pyrene	12.47	202	609567	31.34	ng	99
79) Butylbenzylphthalate	13.11	149	279835	33.48	ng	99
80) Benzo(a)anthracene	13.65	228	534354	33.31	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	132408	25.48	ng #	95
82) Chrysene	13.68	228	405860	28.07	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	383936	35.86	ng	99
84) Di-n-octyl phthalate	14.28	149	638536	39.24	ng	98
85) Indeno(1,2,3-cd)pyrene	16.16	276	344449	33.93	ng #	95
87) Benzo(b)fluoranthene	14.67	252	826073	68.70	ng	98
88) Benzo(k)fluoranthene	14.67	252	826073	73.73	ng	98
89) Benzo(a)pyrene	14.94	252	385296	36.77	ng	97
90) Dibenzo(a,h)anthracene	16.19	278	287547	35.22	ng	99
91) Benzo(g,h,i)perylene	16.52	276	287225	34.68	ng #	91

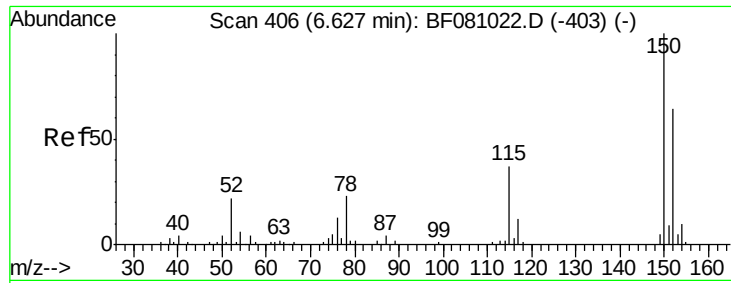
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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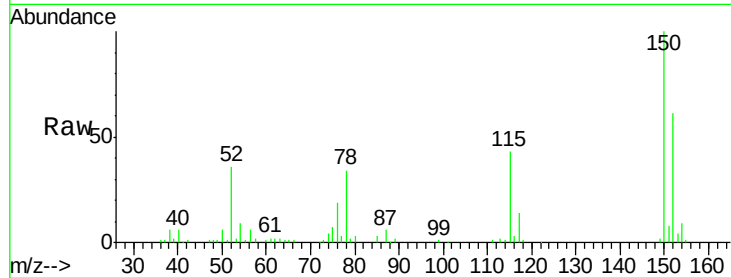


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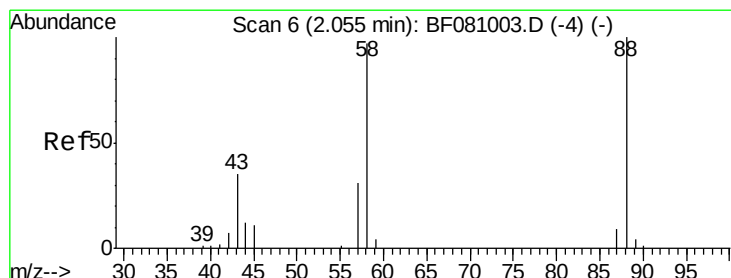
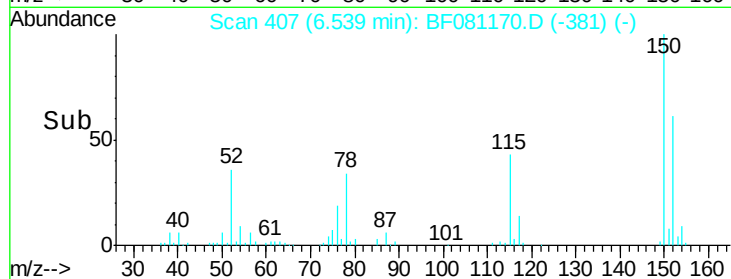
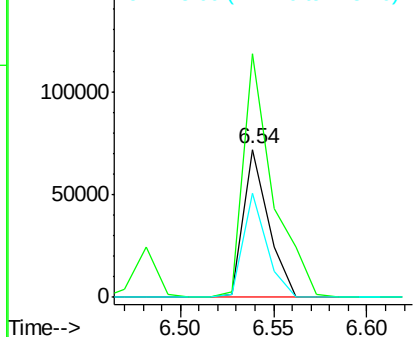
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion:152 Resp: 67531
Ion Ratio Lower Upper
152 100
150 164.2 123.8 185.6
115 70.5 52.1 78.1



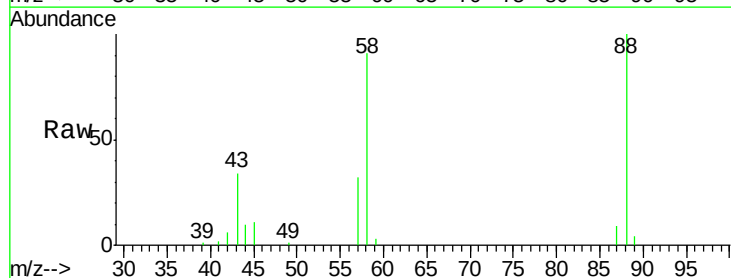
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



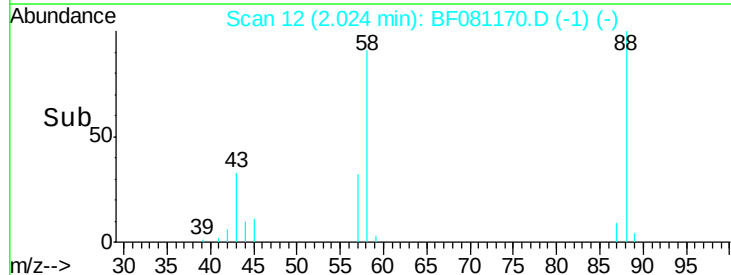
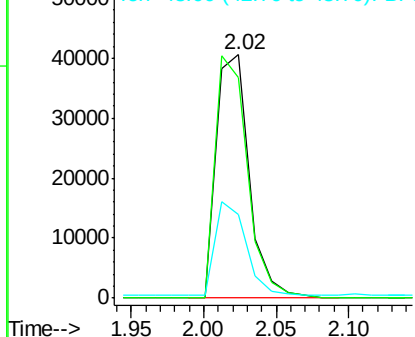
#2

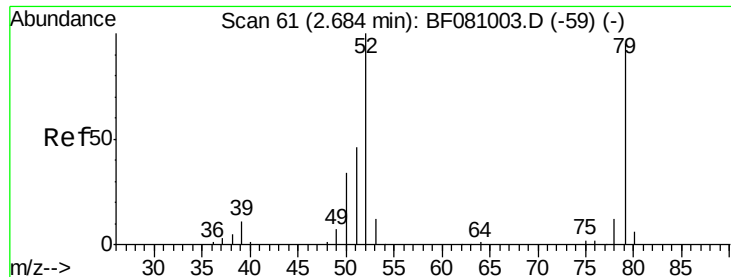
1,4-Dioxane
Concen: 30.14 ng
RT: 2.02 min Scan# 12
Delta R.T. 0.09 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion: 88 Resp: 63759
Ion Ratio Lower Upper
88 100
58 97.6 83.7 125.5
43 37.9 37.5 56.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.47 ng

RT: 2.62 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

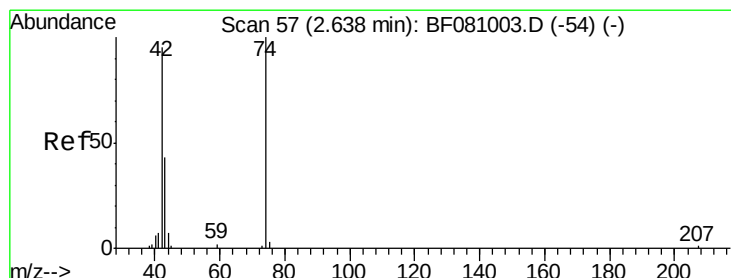
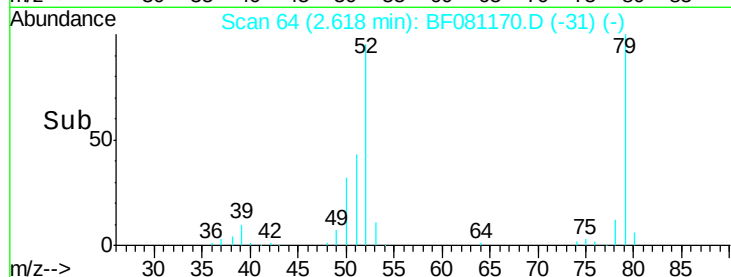
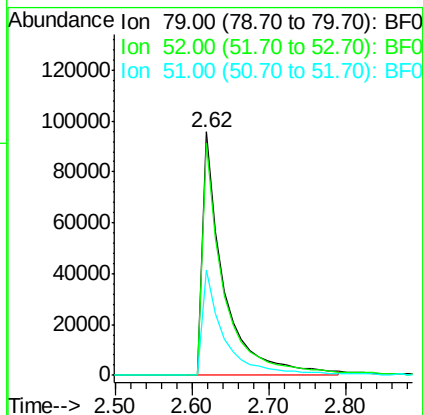
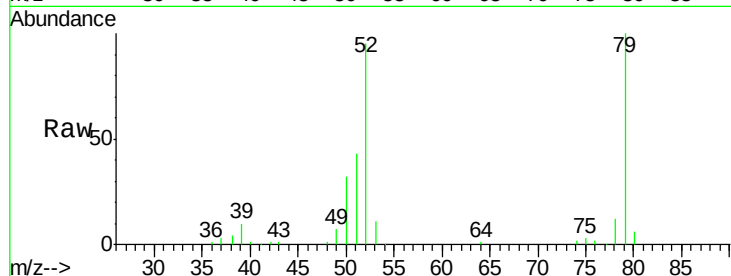
Tgt Ion: 79 Resp: 181955

Ion Ratio Lower Upper

79 100

52 95.1 95.1 142.7#

51 43.1 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 34.72 ng

RT: 2.57 min Scan# 60

Delta R.T. 0.07 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

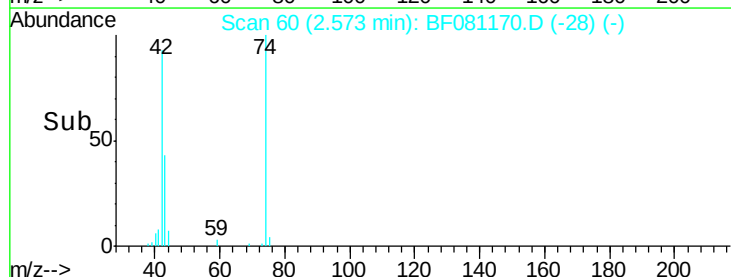
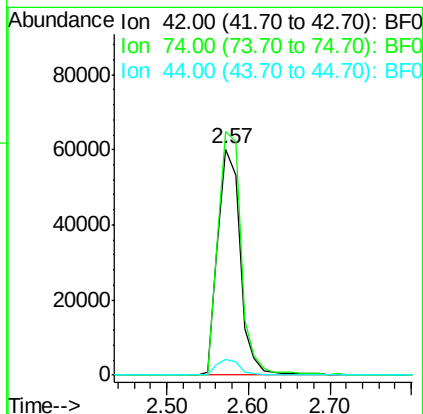
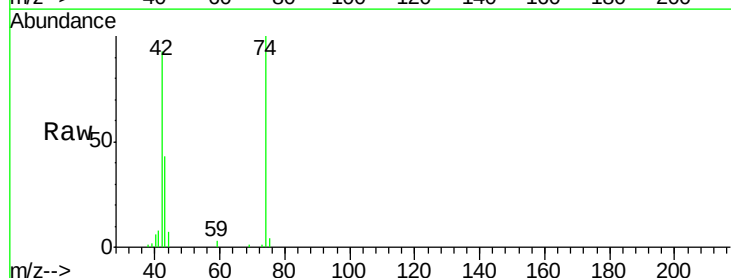
Tgt Ion: 42 Resp: 115423

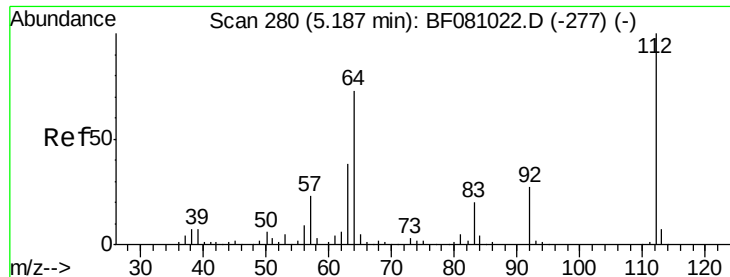
Ion Ratio Lower Upper

42 100

74 107.8 69.3 103.9#

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 116.59 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

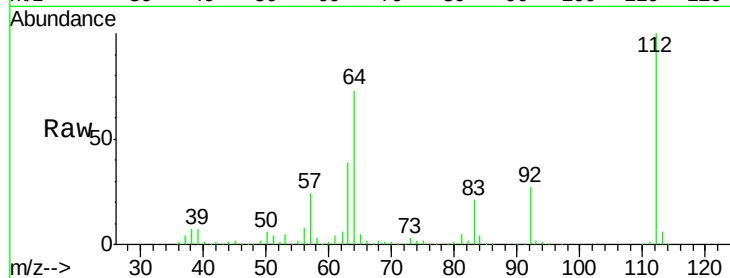
Tgt Ion: 112 Resp: 523468

Ion Ratio Lower Upper

112 100

64 73.3 66.9 100.3

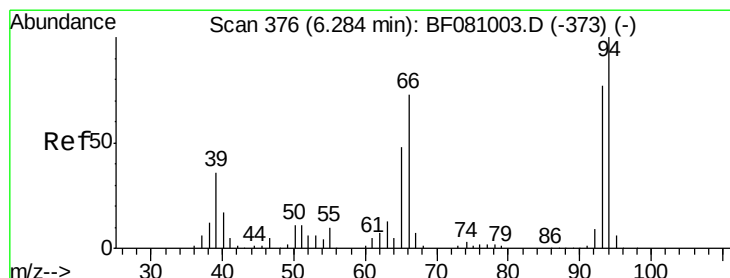
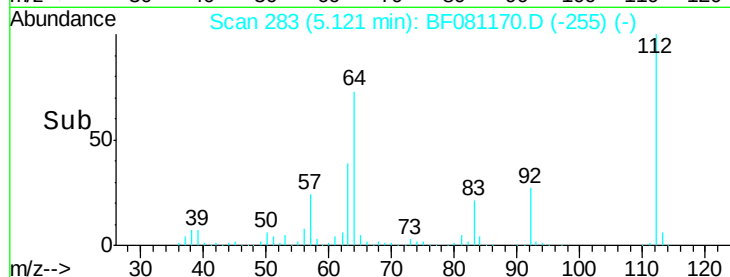
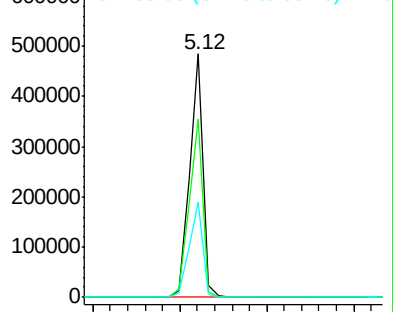
63 39.0 38.1 57.1



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: 22.20 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

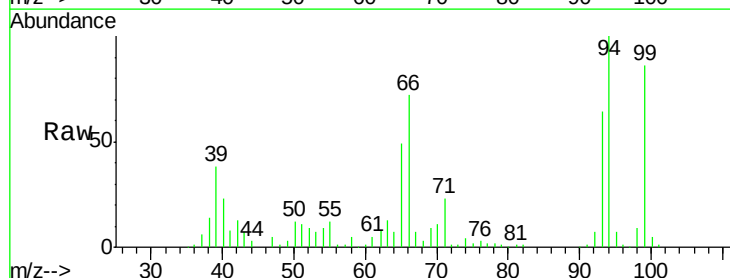
Tgt Ion: 93 Resp: 189052

Ion Ratio Lower Upper

93 100

66 112.3 35.6 53.4#

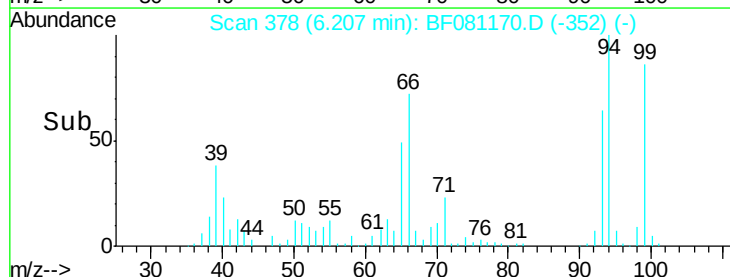
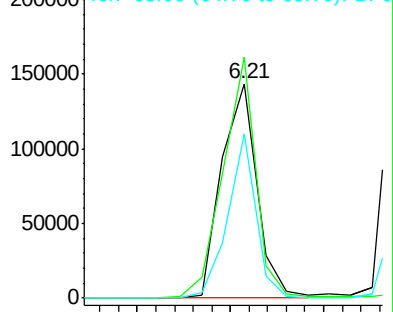
65 76.4 18.7 28.1#

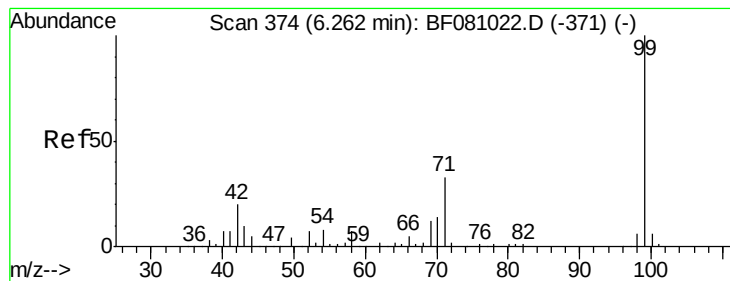


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081170.D

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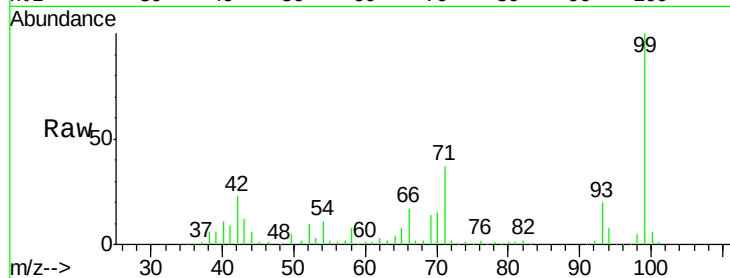
Tgt Ion: 99 Resp: 652418

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

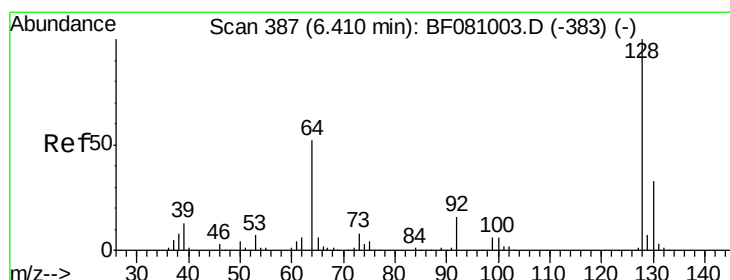
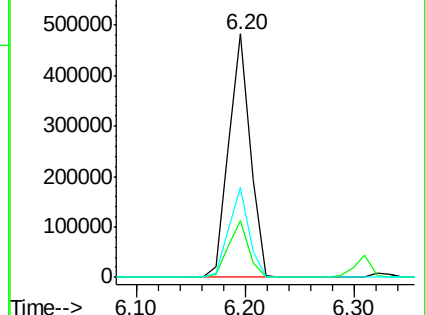
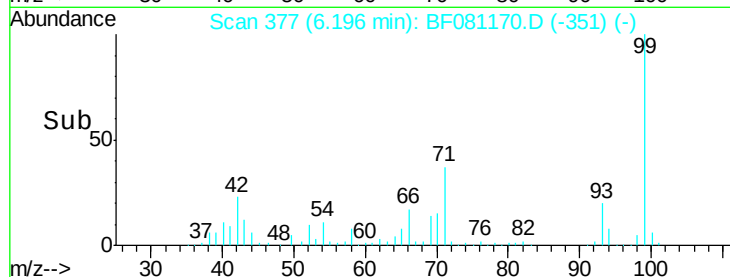
71 37.1 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.46 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081170.D

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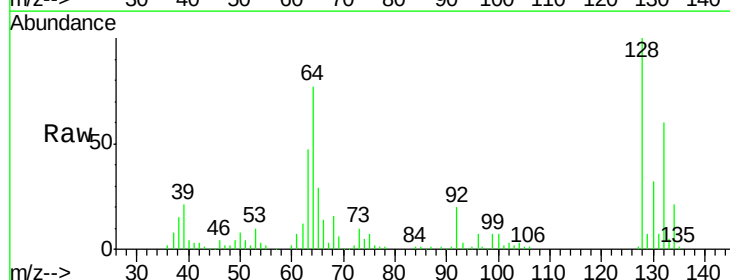
Tgt Ion: 128 Resp: 174285

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

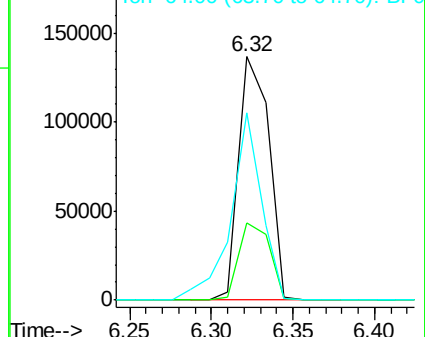
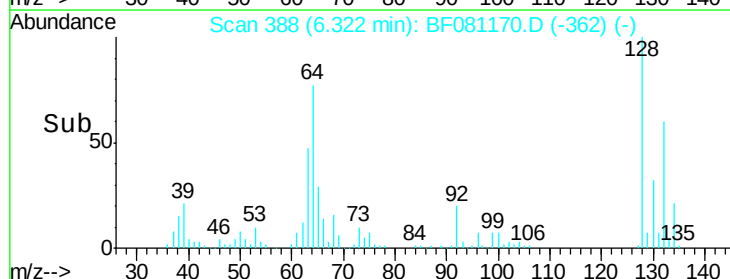
64 76.8 46.8 86.8

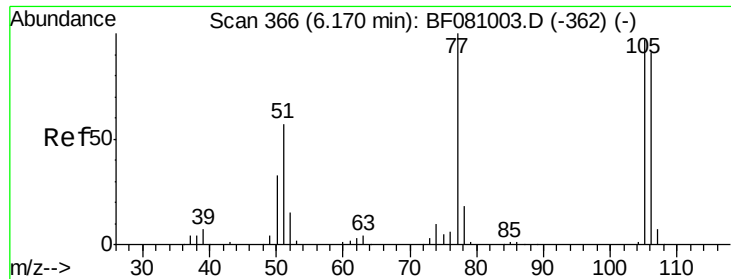


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.87 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

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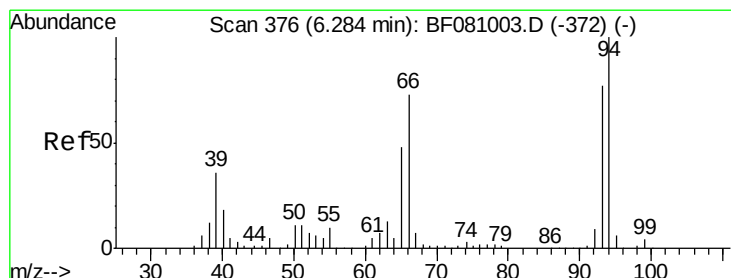
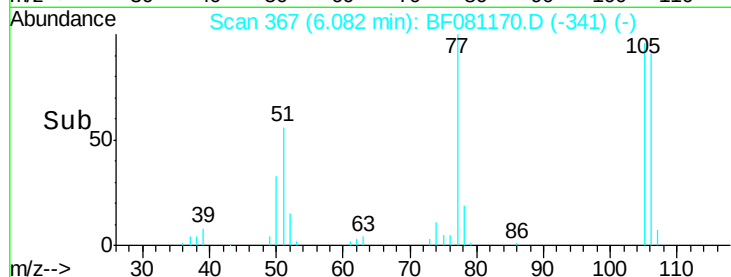
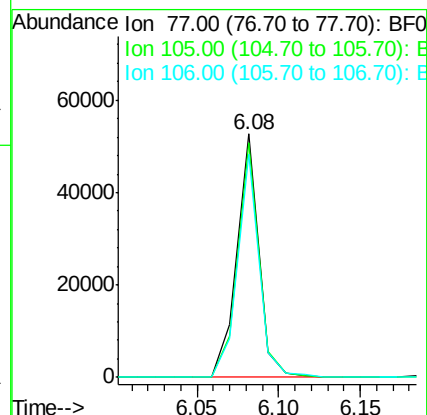
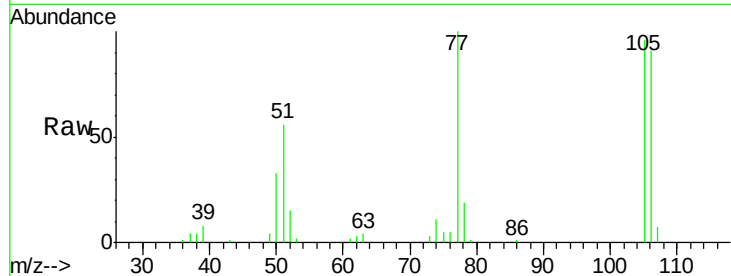
Tgt Ion: 77 Resp: 48621

Ion Ratio Lower Upper

77 100

105 96.3 69.6 109.6

106 91.5 64.0 104.0



#10

Phenol

Concen: 30.70 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

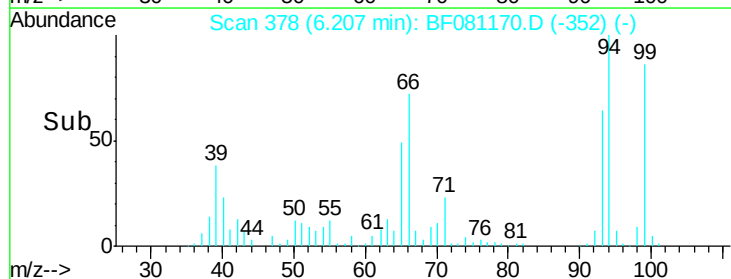
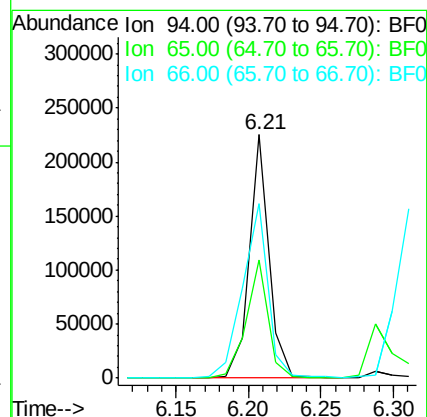
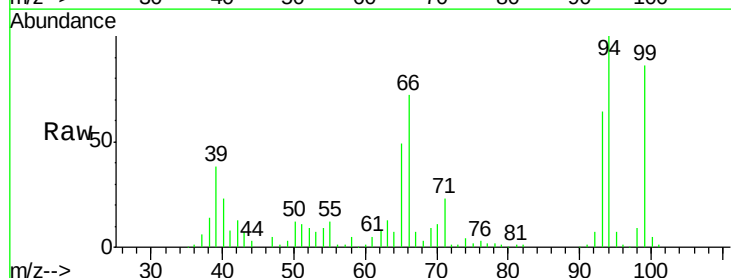
Tgt Ion: 94 Resp: 212416

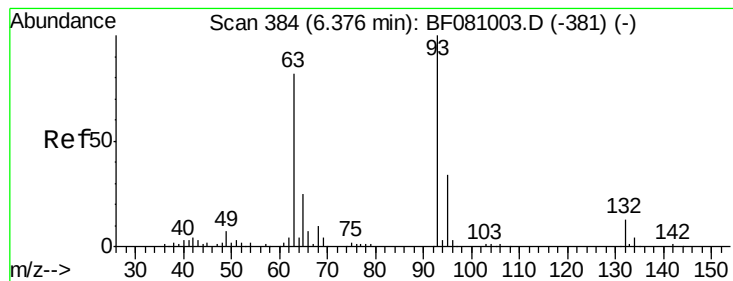
Ion Ratio Lower Upper

94 100

65 48.7 28.4 68.4

66 71.6 52.3 92.3

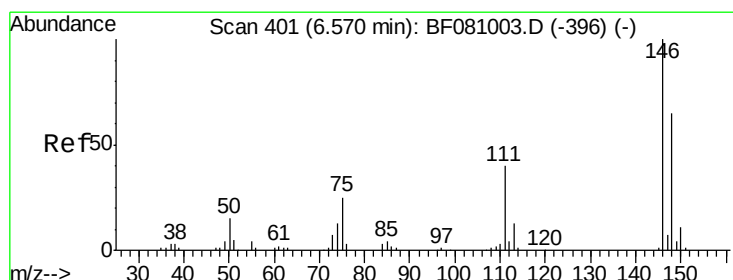
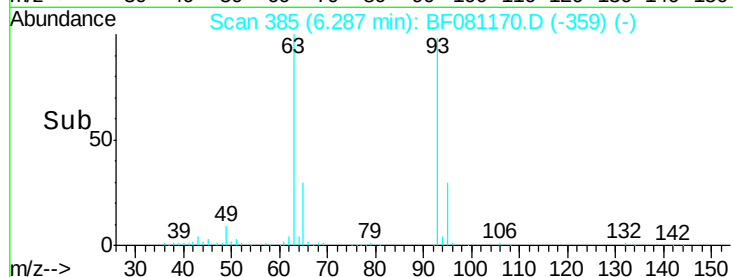
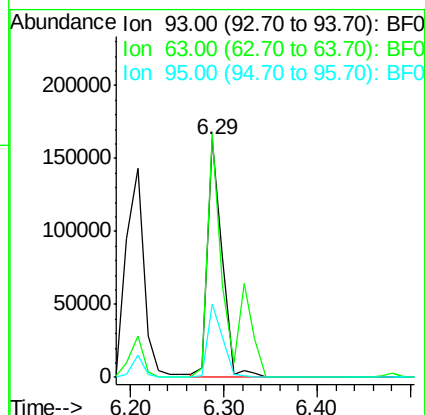
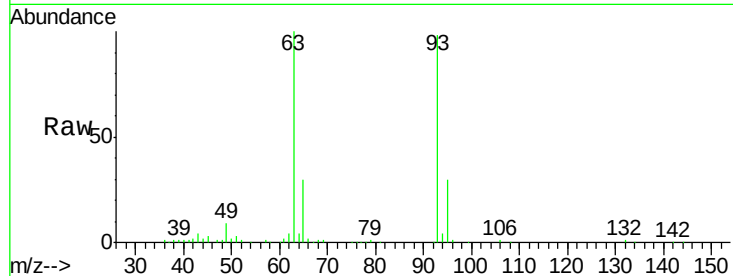




#11
 bis(2-Chloroethyl)ether
 Concen: 34.12 ng
 RT: 6.29 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

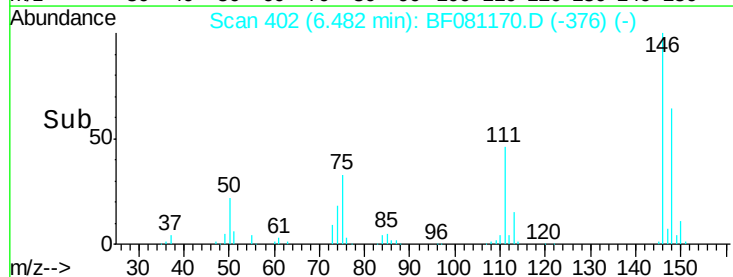
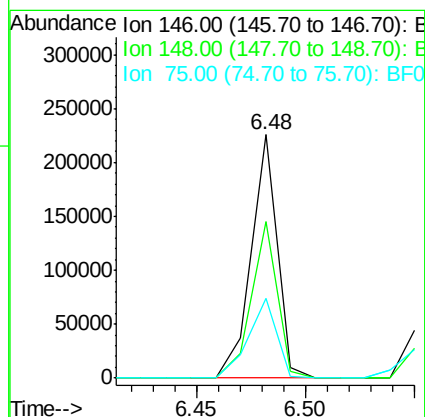
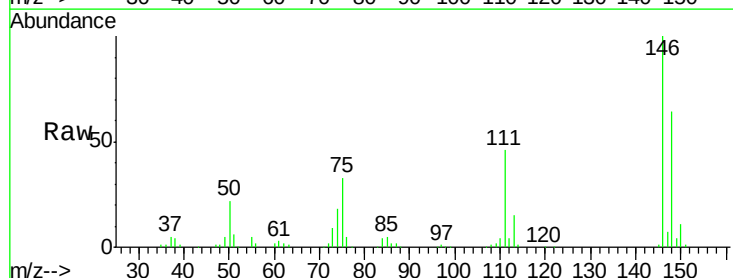
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

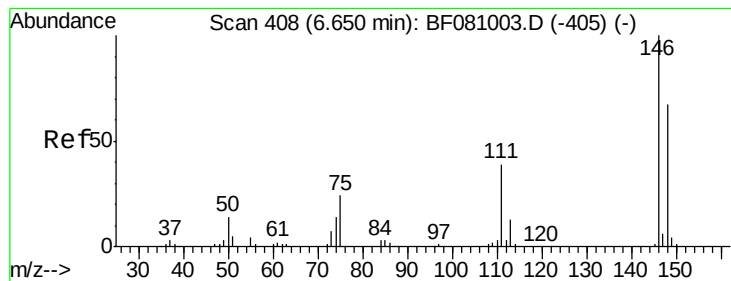
Tgt Ion: 93 Resp: 181131
 Ion Ratio Lower Upper
 93 100
 63 102.3 69.6 109.6
 95 31.0 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 35.54 ng
 RT: 6.48 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion: 146 Resp: 187652
 Ion Ratio Lower Upper
 146 100
 148 64.4 53.3 79.9
 75 33.0 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 35.81 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

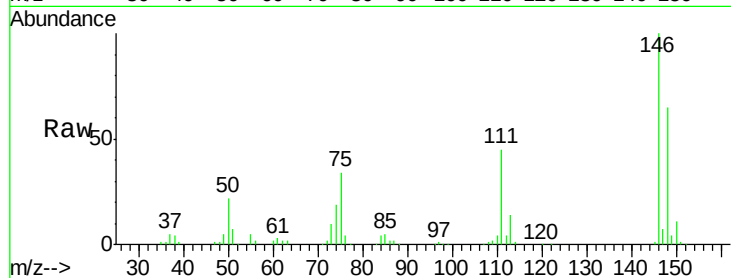
Tgt Ion:146 Resp: 187237

Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

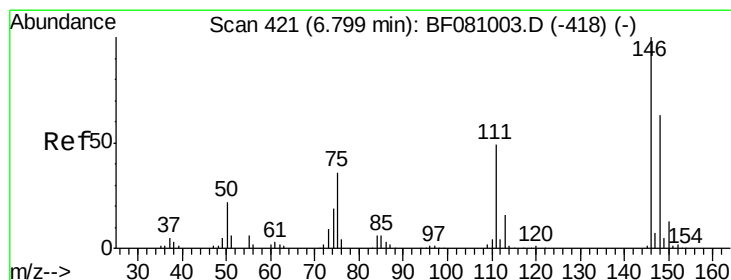
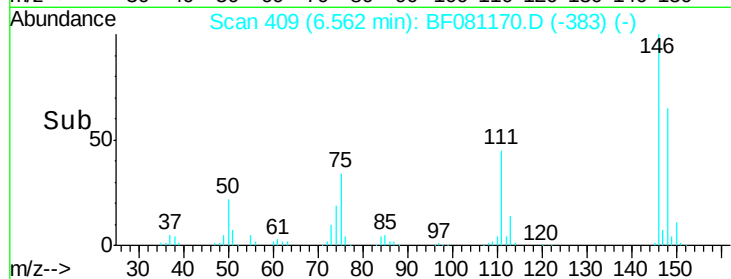
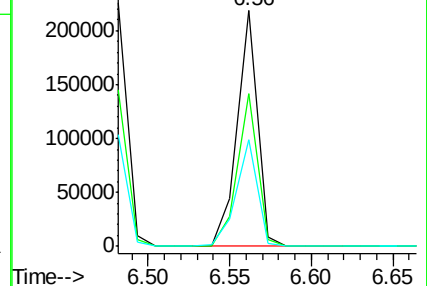
111 45.2 34.4 51.6



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: 33.18 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

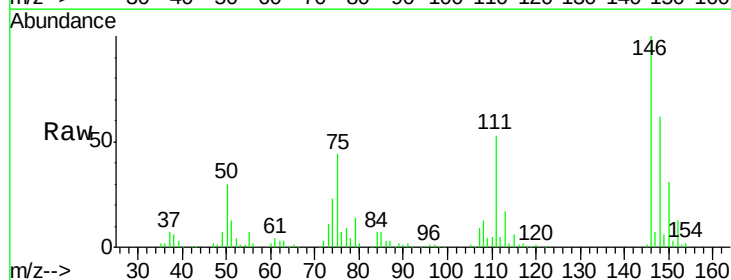
Tgt Ion:146 Resp: 162395

Ion Ratio Lower Upper

146 100

148 61.8 48.7 73.1

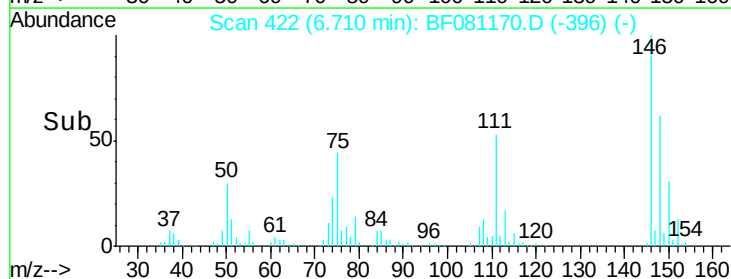
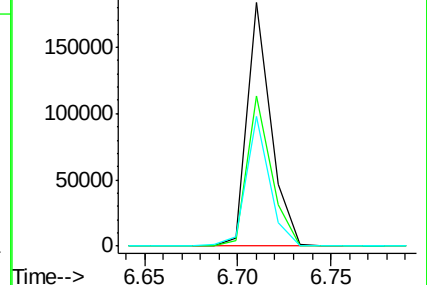
111 53.2 42.3 63.5

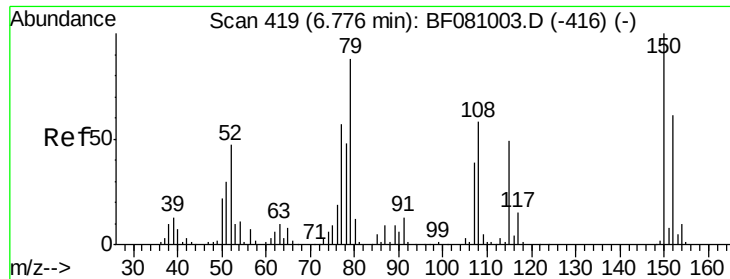


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

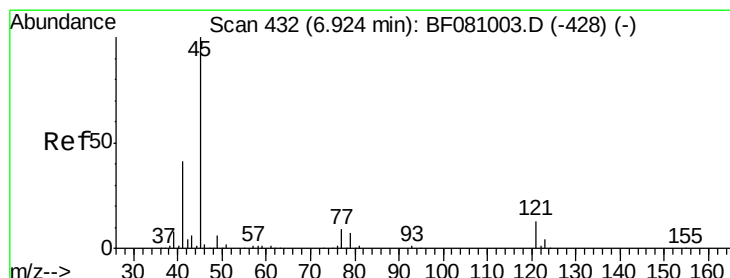
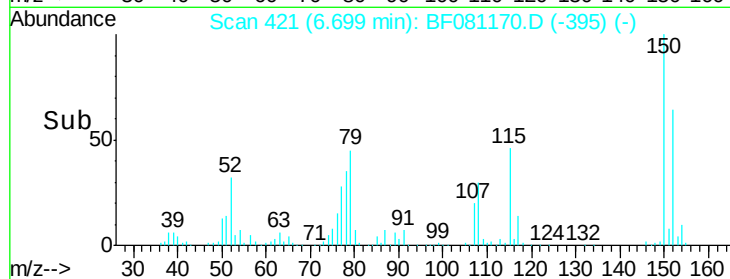
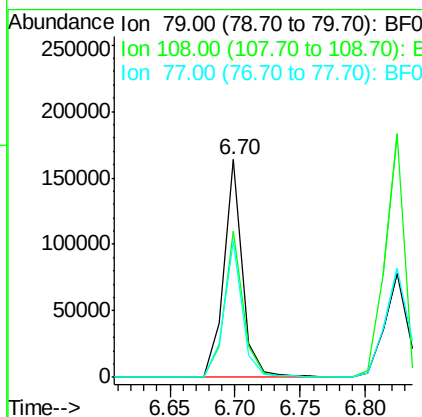
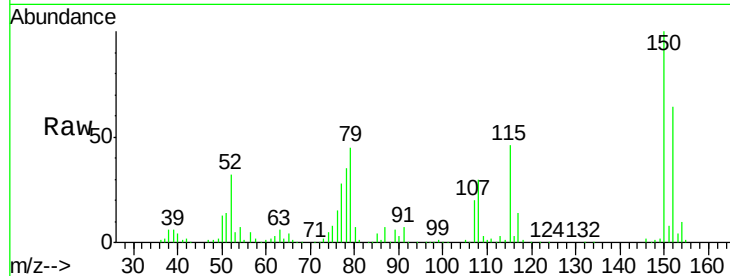




#15
Benzyl Alcohol
Concen: 34.86 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

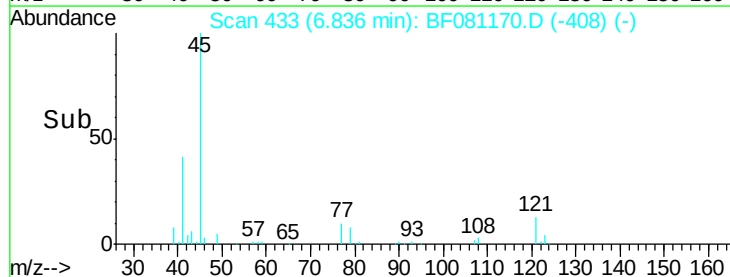
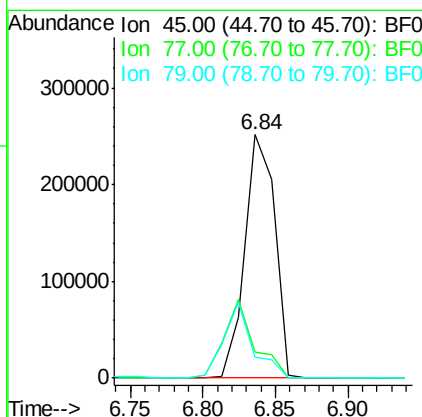
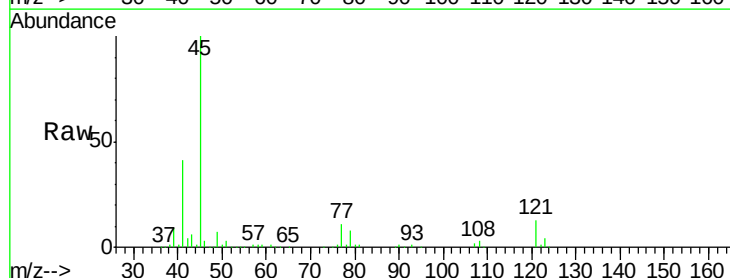
Instrument :
BNA_F
ClientSampleId :
PB85016BS

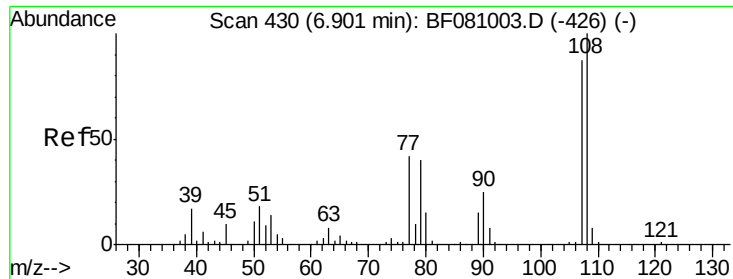
Tgt Ion: 79 Resp: 165230
Ion Ratio Lower Upper
79 100
108 67.3 49.4 74.2
77 62.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.43 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion: 45 Resp: 359212
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.2
79 8.4 0.0 28.0

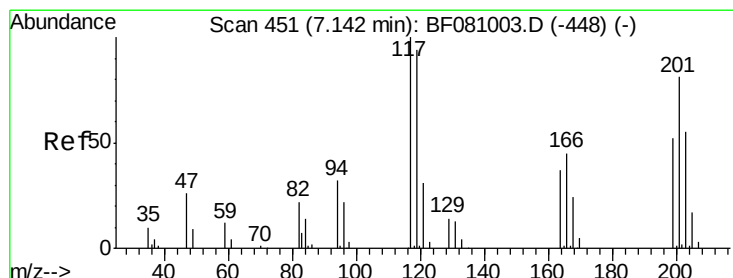
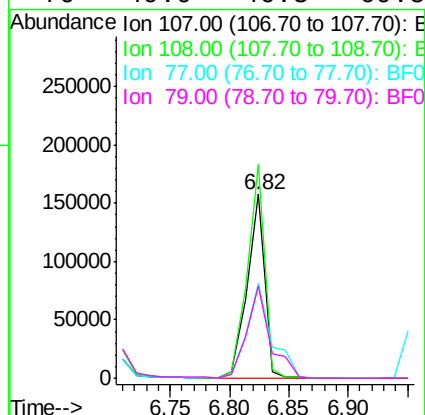
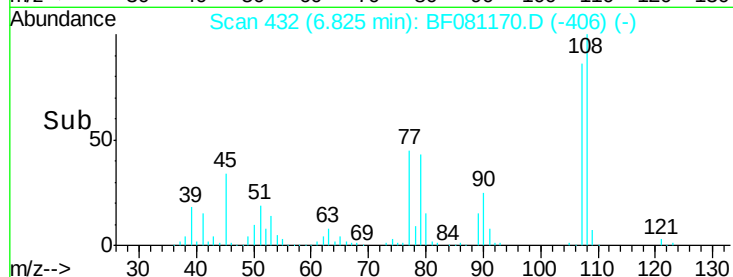
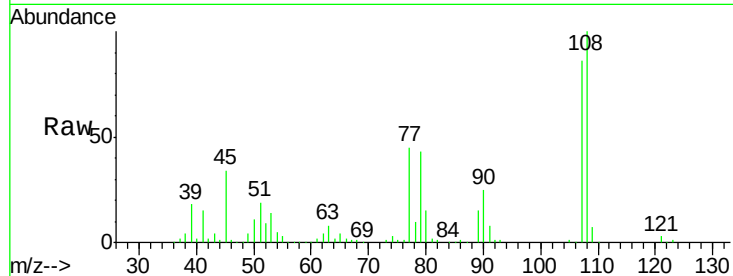




#17
2-Methylphenol
Concen: 38.81 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

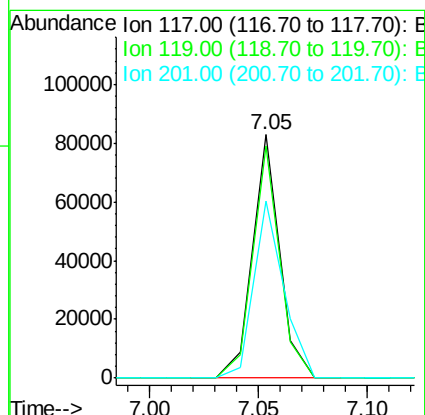
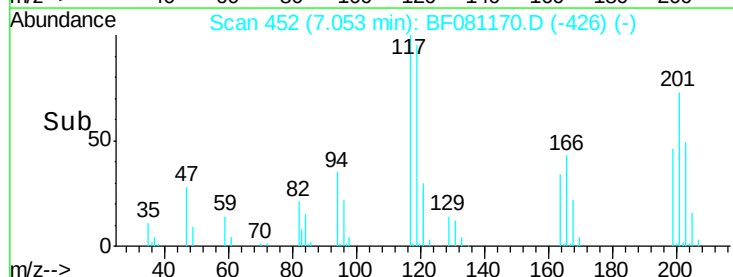
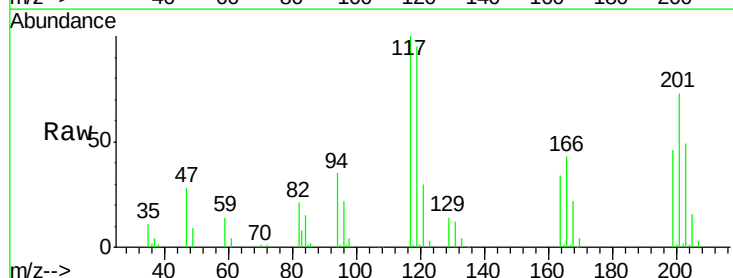
Instrument :
BNA_F
ClientSampleId :
PB85016BS

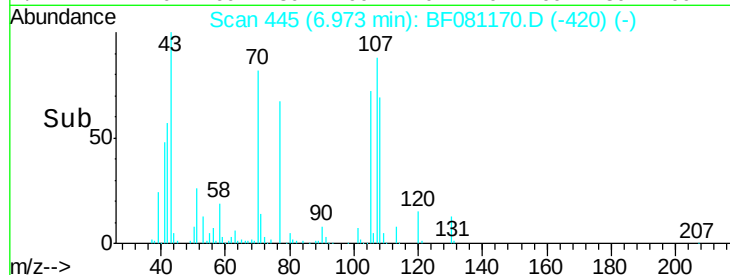
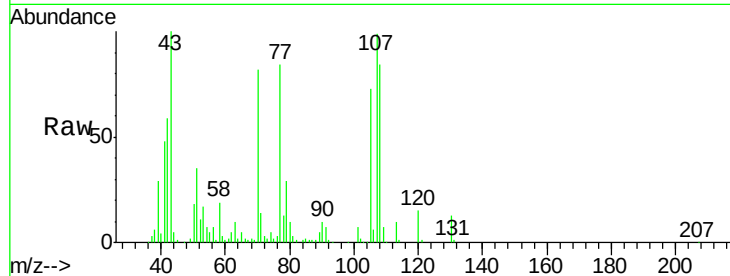
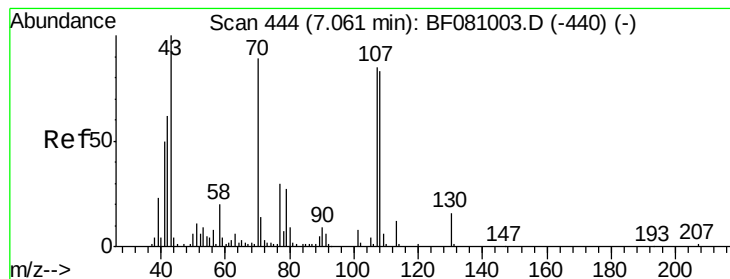
Tgt Ion:	107	Resp:	163634
Ion	Ratio	Lower	Upper
107	100		
108	116.2	90.4	135.6
77	51.8	46.5	69.7
79	49.9	46.3	69.5



#18
Hexachloroethane
Concen: 33.96 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion:	117	Resp:	71746
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.9	116.9
201	72.9	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 33.45 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt Ion: 70 Resp: 135726

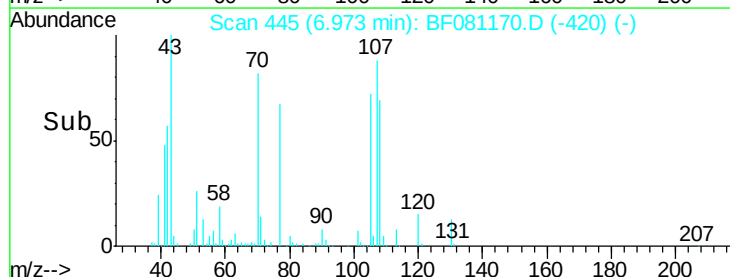
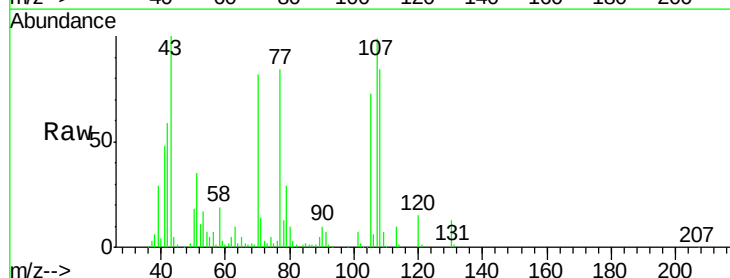
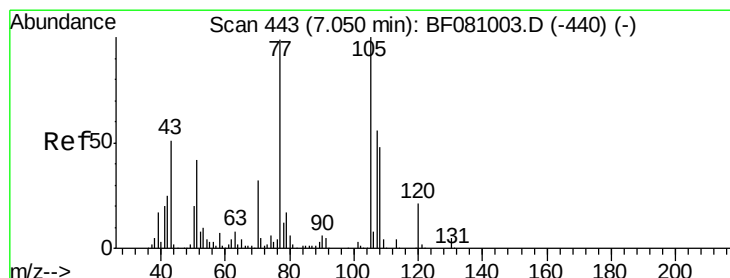
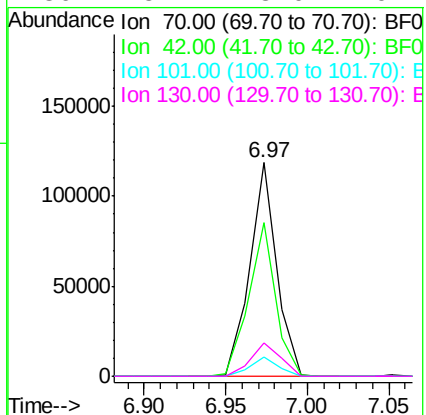
Ion Ratio Lower Upper

70 100

42 72.0 65.0 97.4

101 9.1 7.4 11.2

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 36.91 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion: 107 Resp: 197526

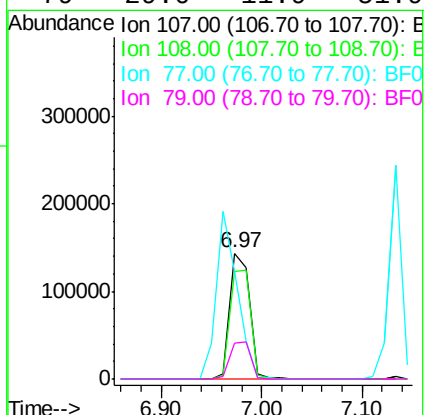
Ion Ratio Lower Upper

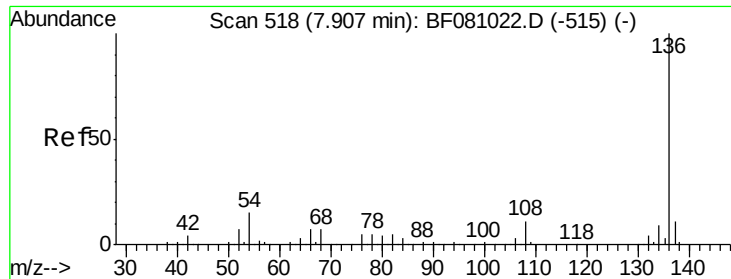
107 100

108 85.6 66.1 106.1

77 85.7 139.3 179.3#

79 29.0 11.9 51.9

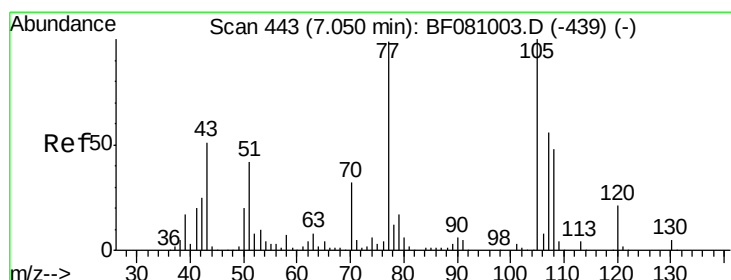
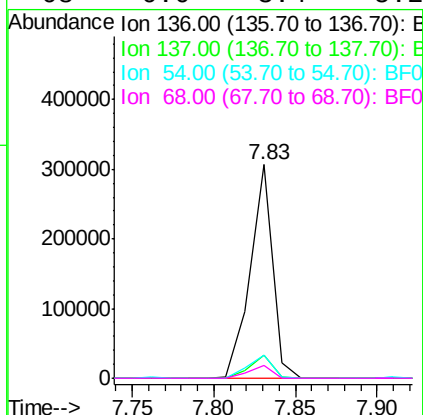
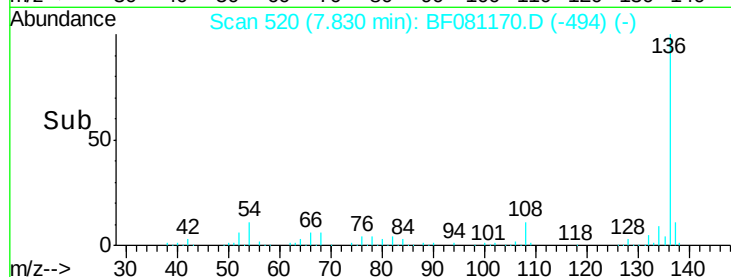
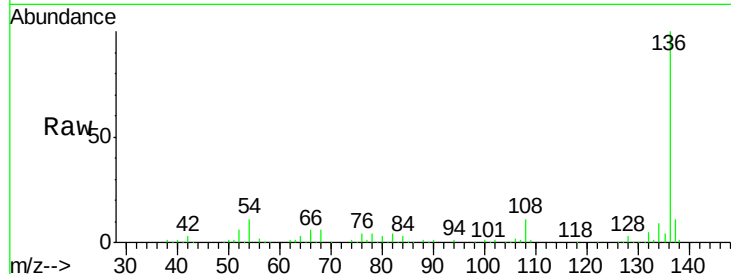




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

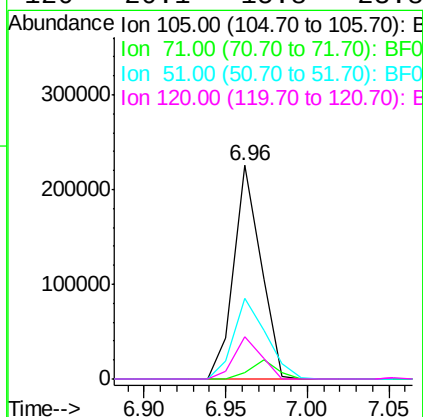
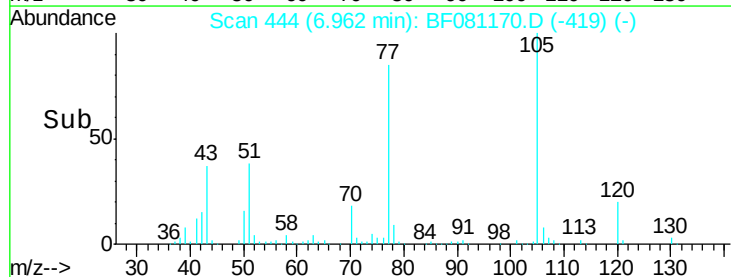
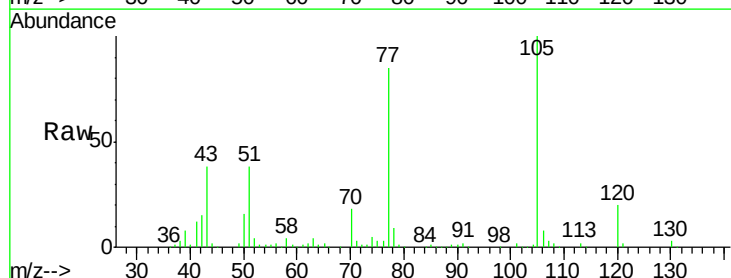
Instrument :
BNA_F
ClientSampleId :
PB85016BS

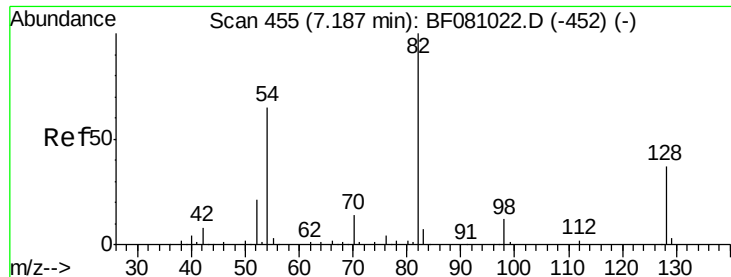
Tgt Ion:	136	Resp:	292159
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.8	7.7	11.5
68	6.0	3.4	5.2#



#22
Acetophenone
Concen: 33.79 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion:	105	Resp:	259154
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.0	4.6
51	37.6	39.8	59.8#
120	20.1	15.8	23.8





#23

Nitrobenzene-d5

Concen: 70.48 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

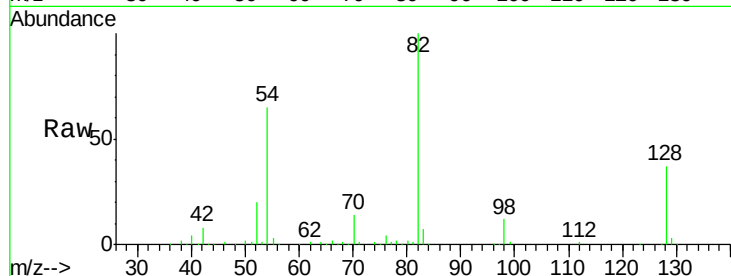
Tgt Ion: 82 Resp: 450763

Ion Ratio Lower Upper

82 100

128 37.3 28.6 42.8

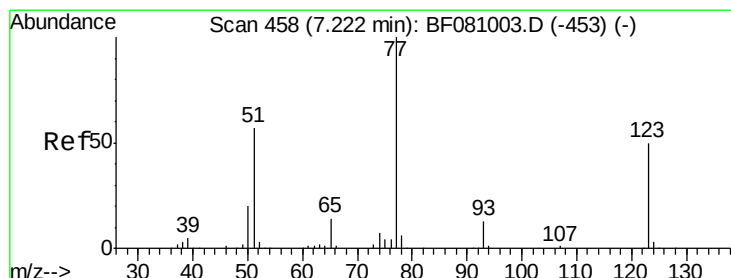
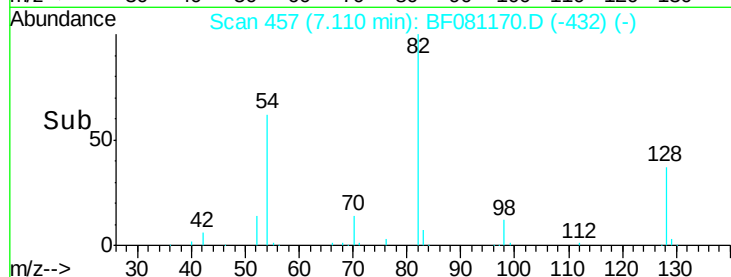
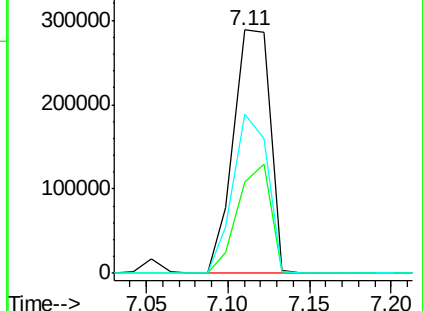
54 65.2 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.13 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

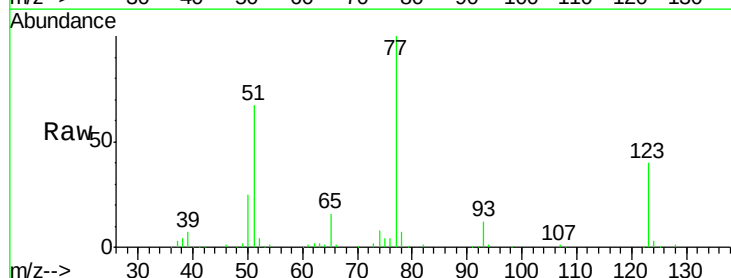
Tgt Ion: 77 Resp: 208151

Ion Ratio Lower Upper

77 100

123 39.5 32.9 49.3

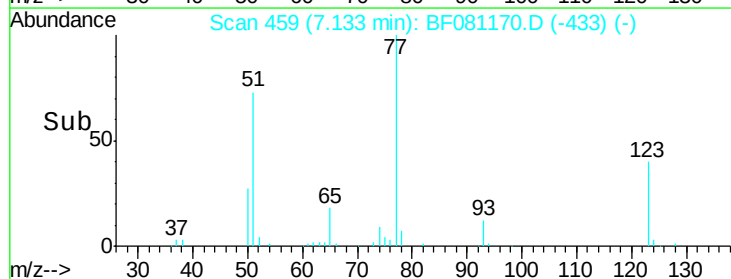
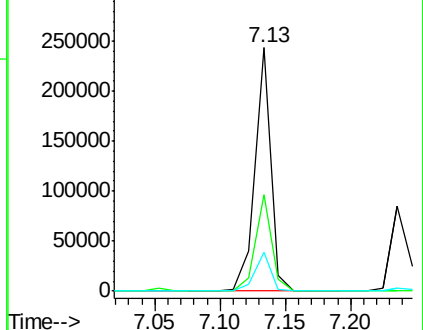
65 15.8 12.5 18.7

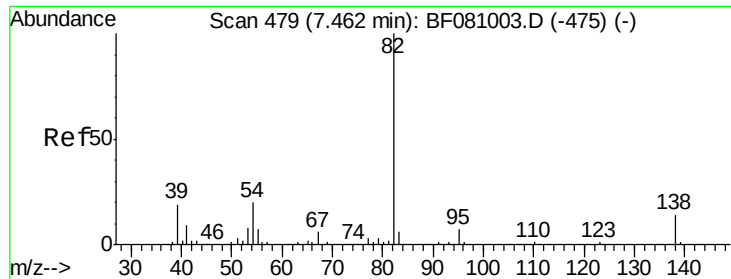


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.32 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

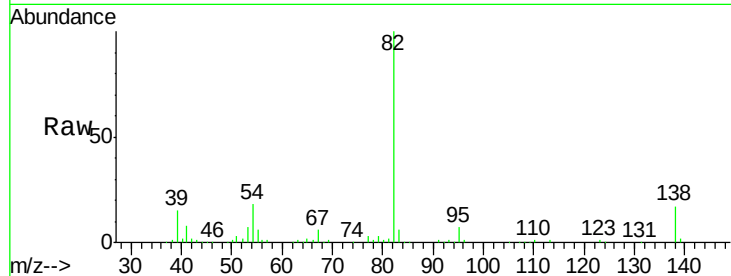
Tgt Ion: 82 Resp: 373592

Ion Ratio Lower Upper

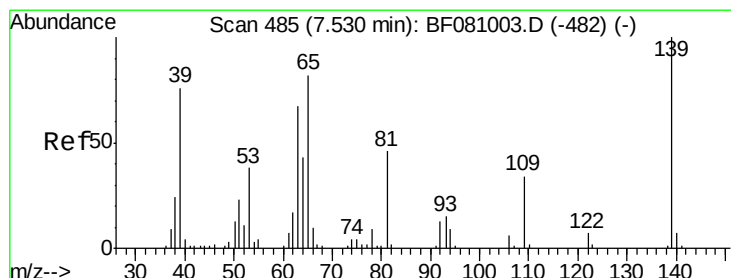
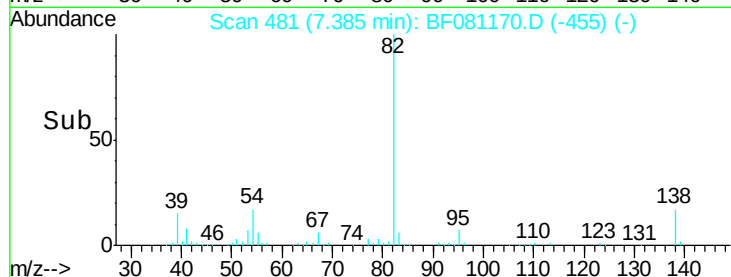
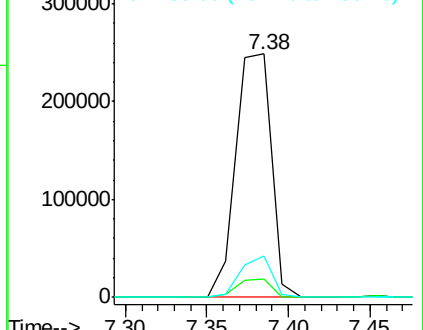
82 100

95 7.3 6.2 9.2

138 16.9 10.5 15.7#



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: 35.71 ng

RT: 7.45 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

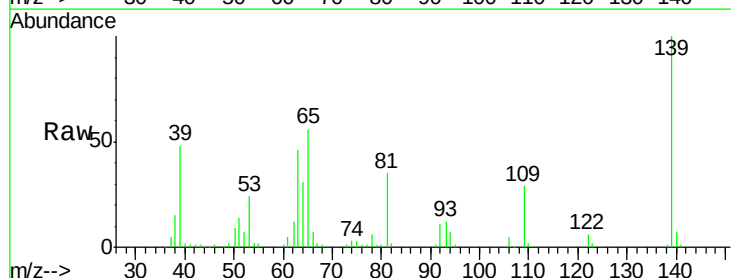
Tgt Ion: 139 Resp: 99307

Ion Ratio Lower Upper

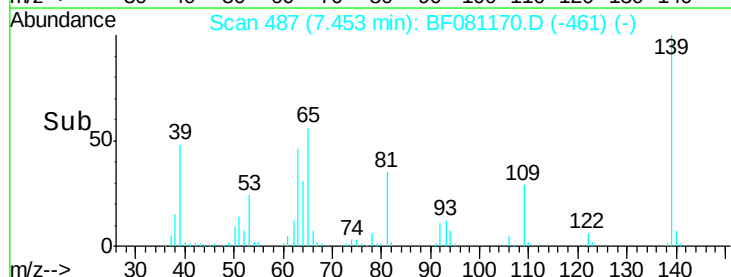
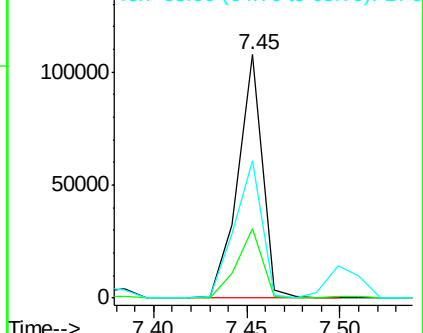
139 100

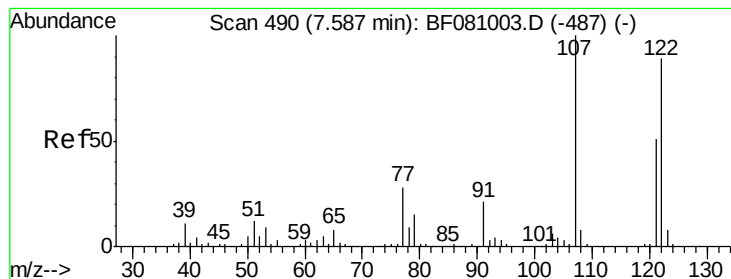
109 28.5 32.1 48.1#

65 56.4 69.9 104.9#



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

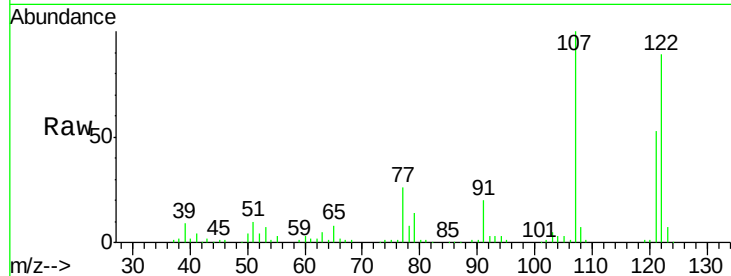




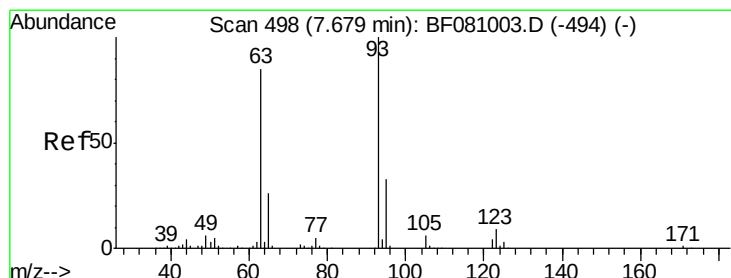
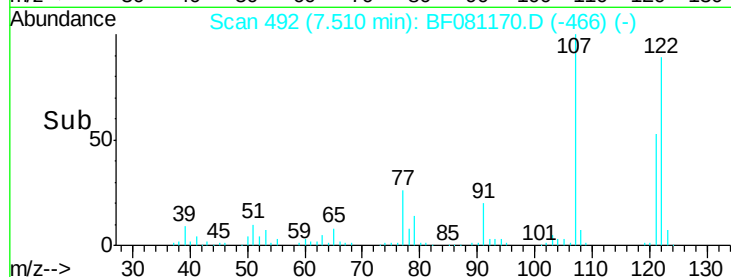
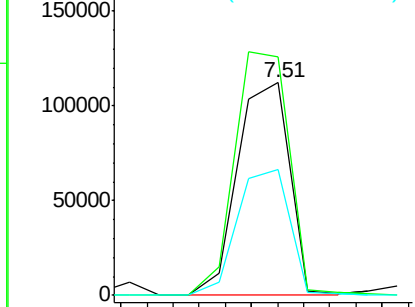
#27
 2,4-Dimethylphenol
 Concen: 32.20 ng
 RT: 7.51 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion:122 Resp: 158404
 Ion Ratio Lower Upper
 122 100
 107 112.5 103.8 155.6
 121 59.3 47.0 70.4

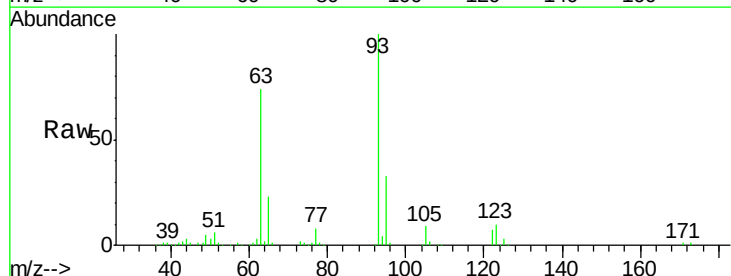


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

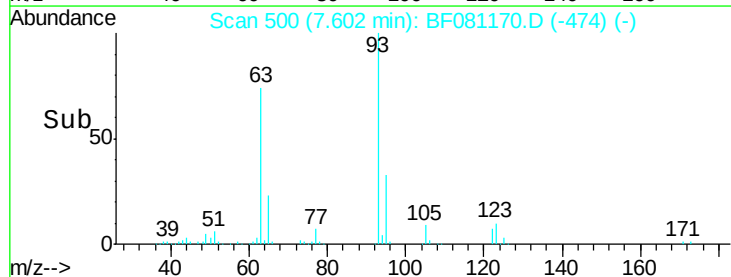
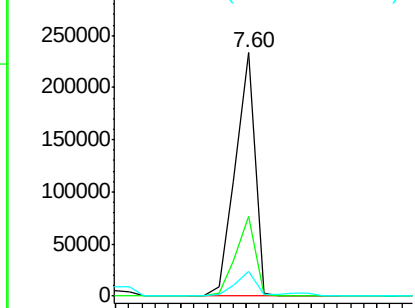


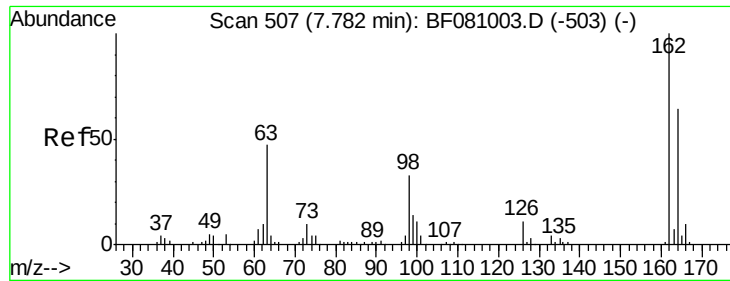
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.64 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion: 93 Resp: 244052
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.8
 123 10.1 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

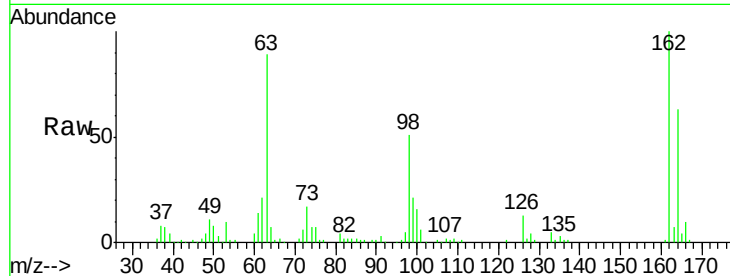




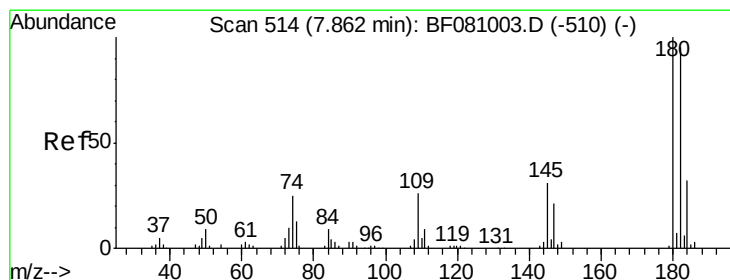
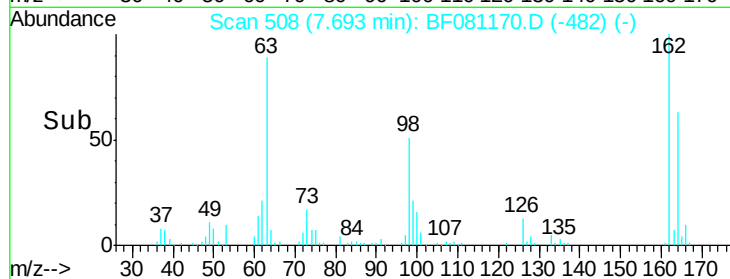
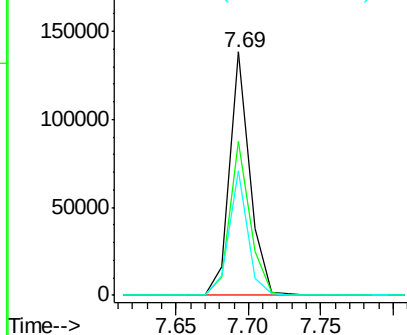
#29
 2,4-Dichlorophenol
 Concen: 32.49 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.2	83.2
98	51.2	12.3	52.3

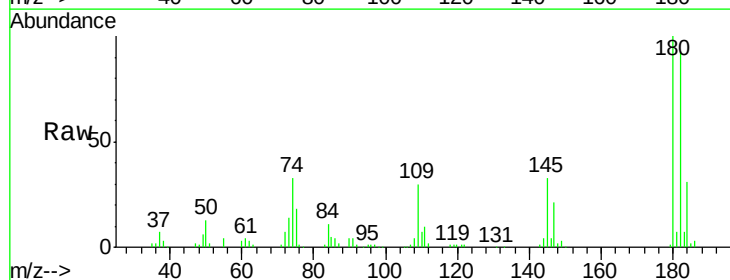


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

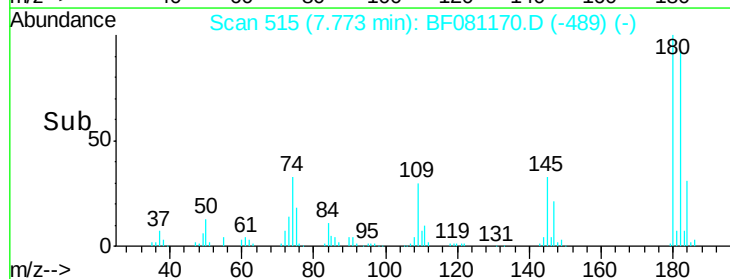
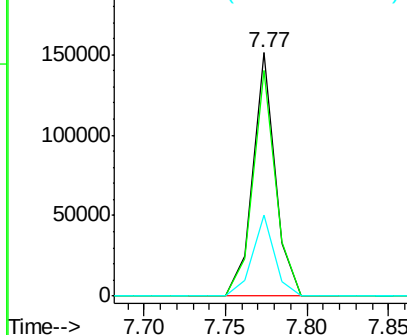


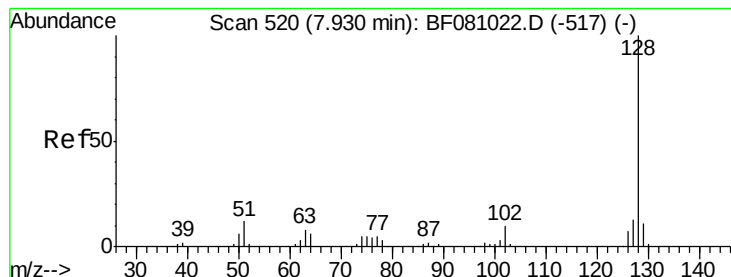
#30
 1,2,4-Trichlorobenzene
 Concen: 31.20 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.4	114.6
145	33.0	25.4	38.2



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: 33.75 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

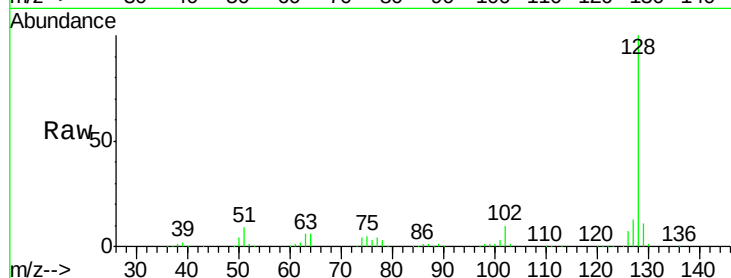
Tgt Ion:128 Resp: 549677

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

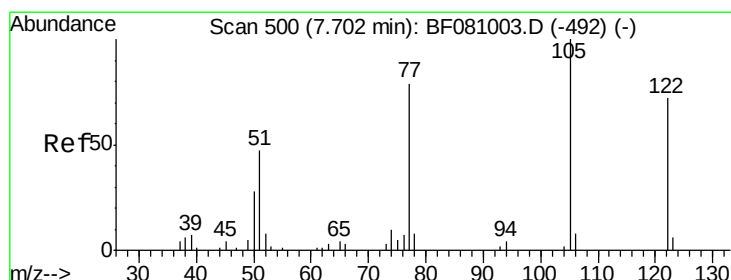
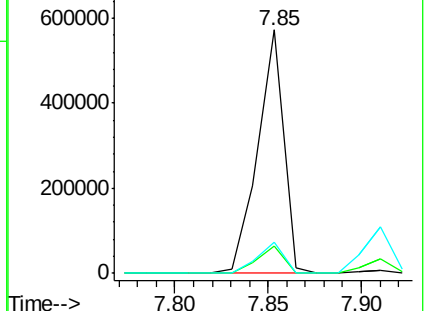
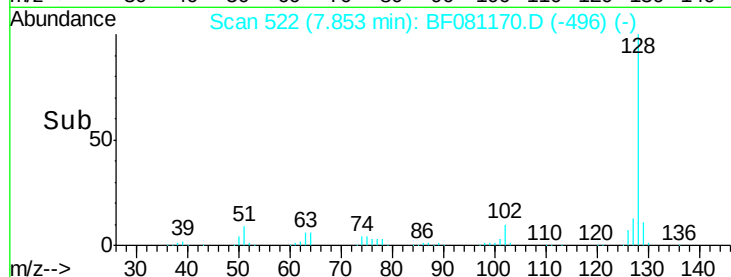
127 13.0 10.6 16.0



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: 41.98 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

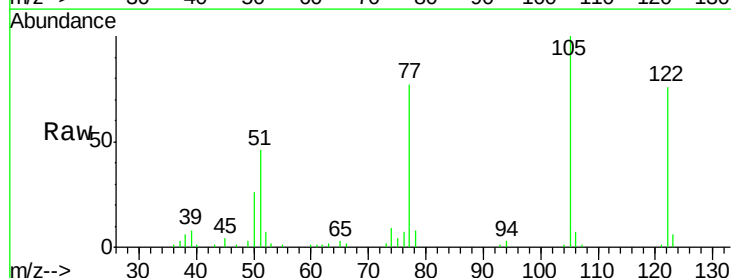
Tgt Ion:122 Resp: 116180

Ion Ratio Lower Upper

122 100

105 131.1 113.8 153.8

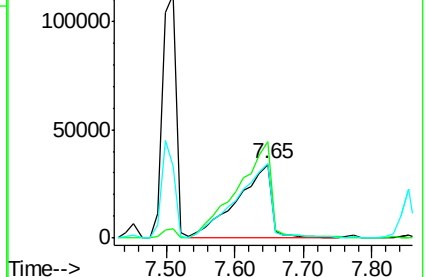
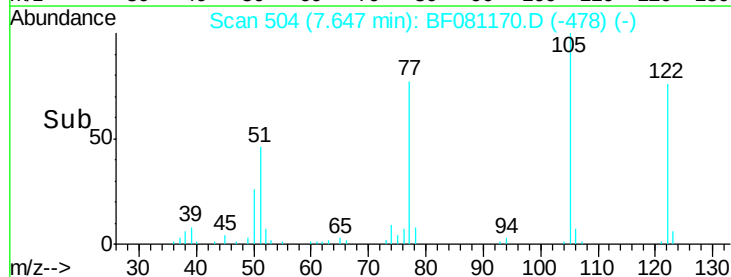
77 100.4 93.8 133.8

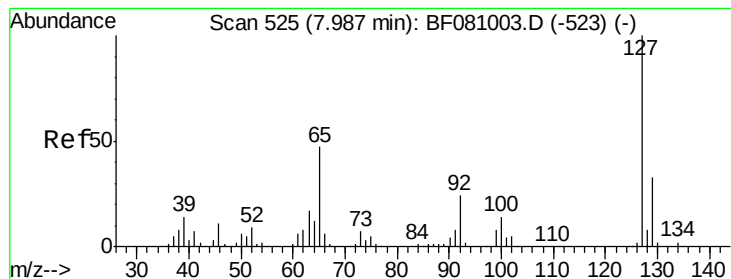


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.23 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt Ion:127 Resp: 118424

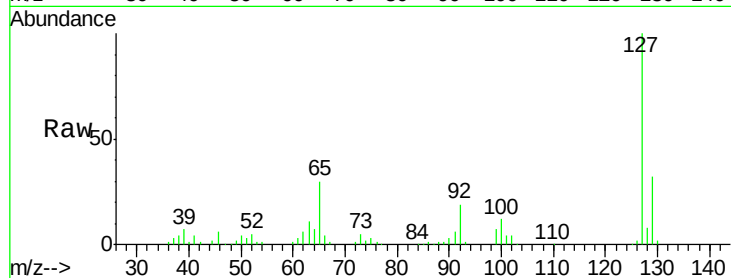
Ion Ratio Lower Upper

127 100

129 31.8 25.2 37.8

65 30.1 37.8 56.6#

92 19.2 19.5 29.3#

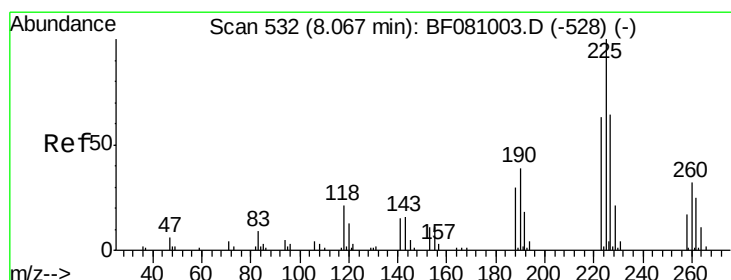
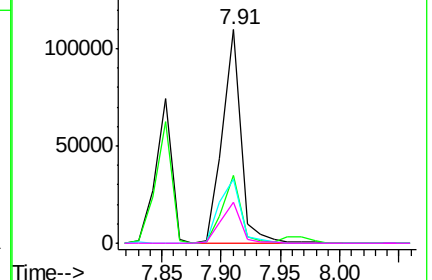
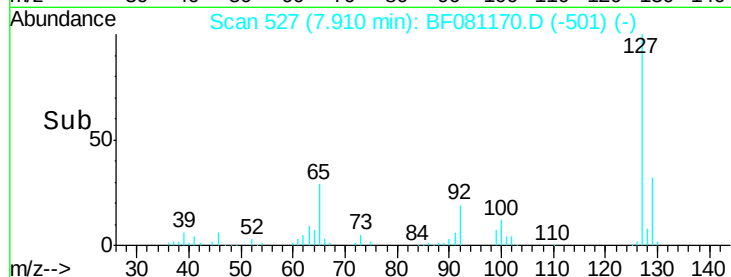


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 33.40 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

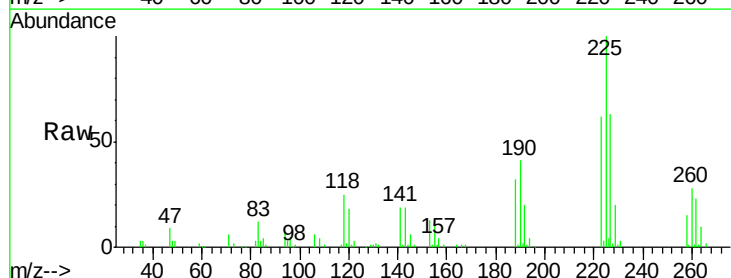
Tgt Ion:225 Resp: 86962

Ion Ratio Lower Upper

225 100

223 62.5 52.6 79.0

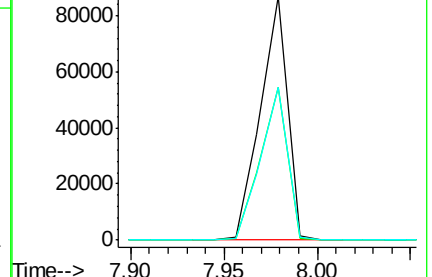
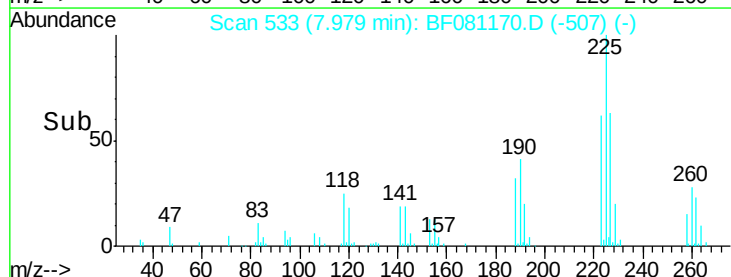
227 62.9 51.1 76.7

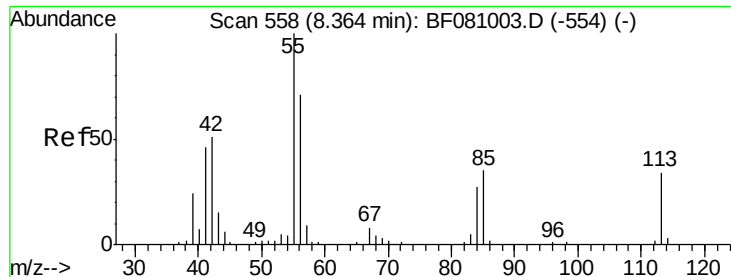


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.83 ng

RT: 8.29 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

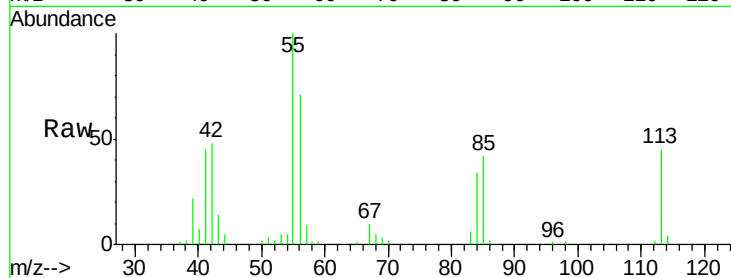
Tgt Ion:113 Resp: 34502

Ion Ratio Lower Upper

113 100

55 221.1 280.4 320.4#

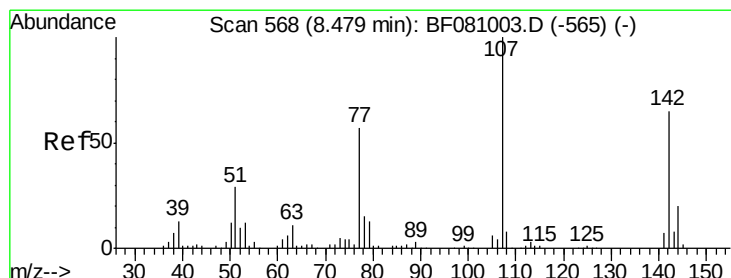
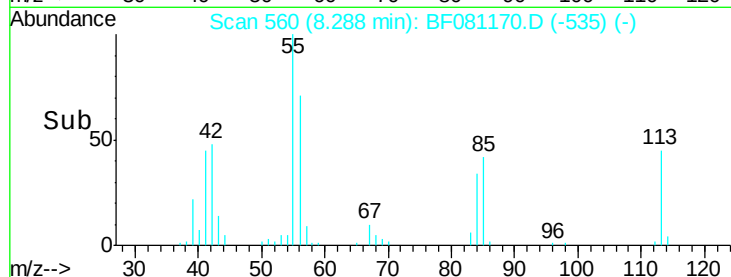
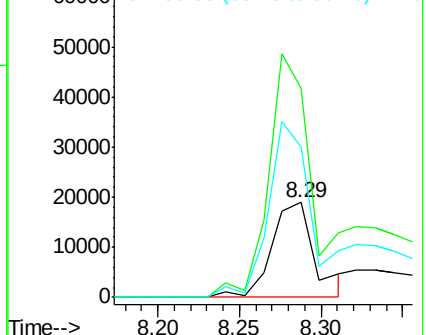
56 157.8 205.9 245.9#



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: 33.03 ng

RT: 8.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

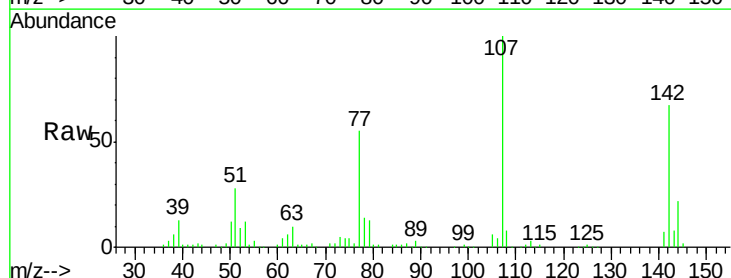
Tgt Ion:107 Resp: 163062

Ion Ratio Lower Upper

107 100

144 21.7 17.2 25.8

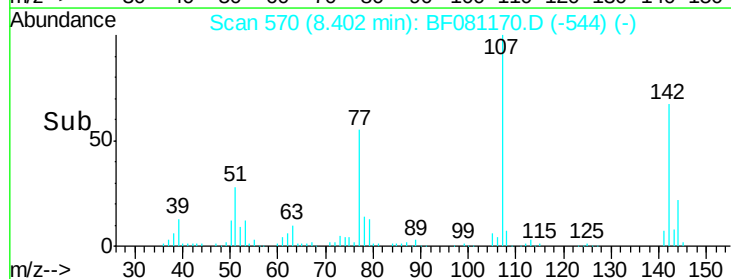
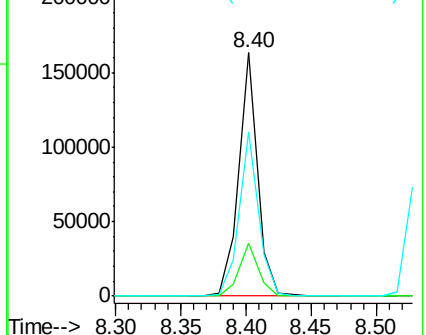
142 67.4 54.9 82.3

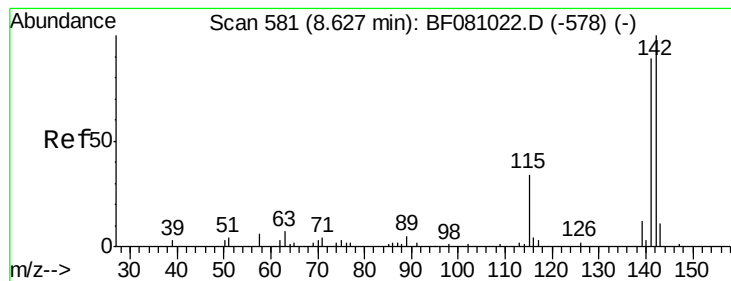


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.13 ng

RT: 8.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

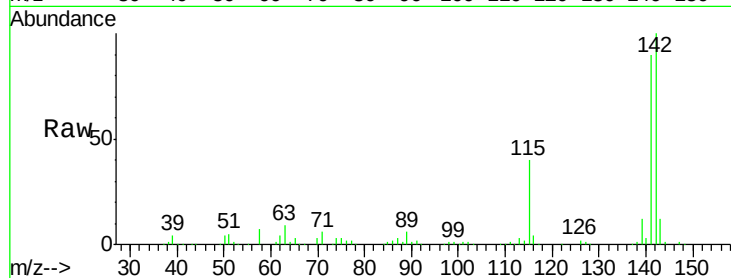
Tgt Ion:142 Resp: 320243

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2

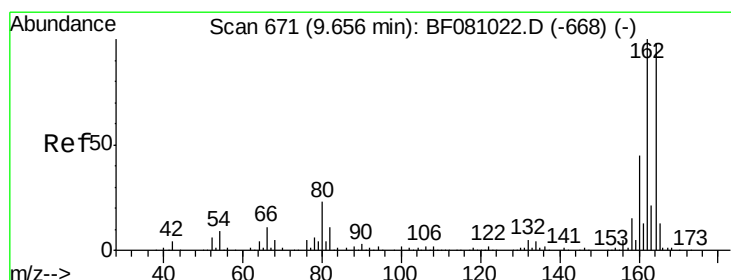
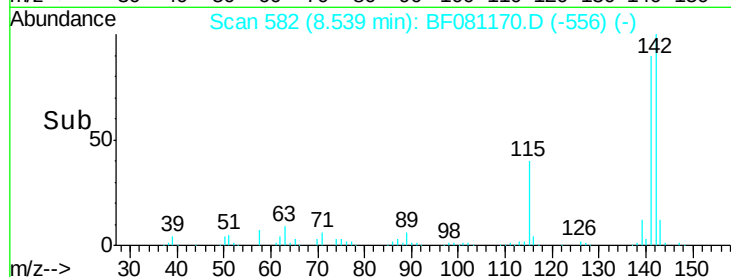
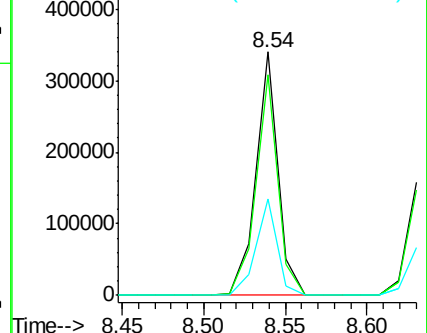
115 39.7 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

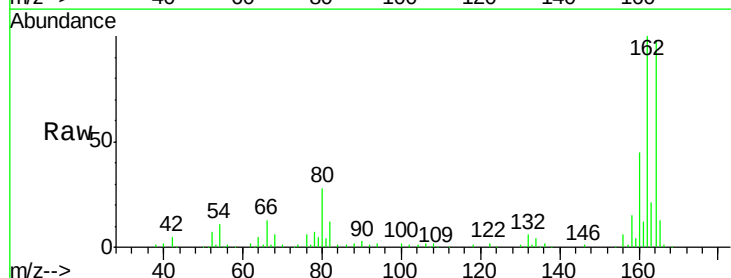
Tgt Ion:164 Resp: 130712

Ion Ratio Lower Upper

164 100

162 101.6 83.8 125.8

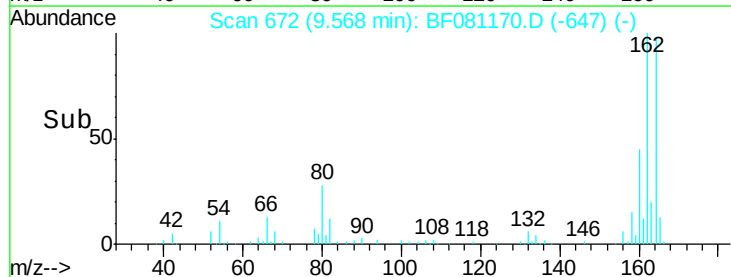
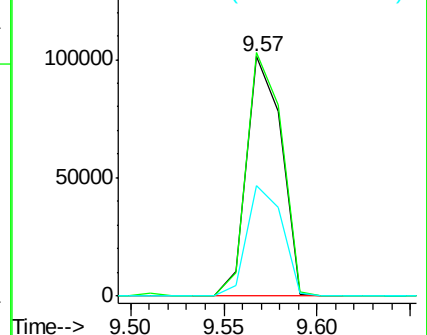
160 46.0 39.8 59.8

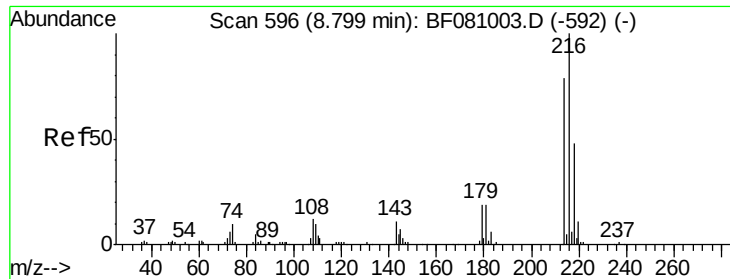


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.32 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

Tgt Ion:216 Resp: 144732

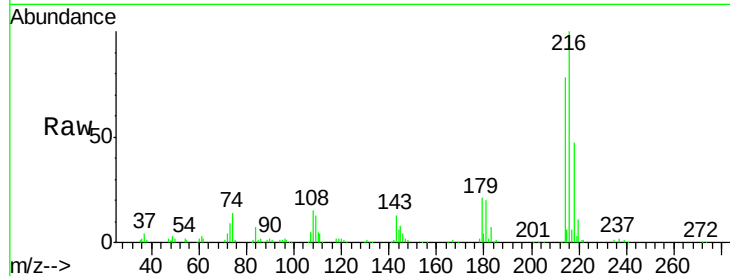
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.8

179 21.9 17.8 26.8

108 22.4 16.2 24.2

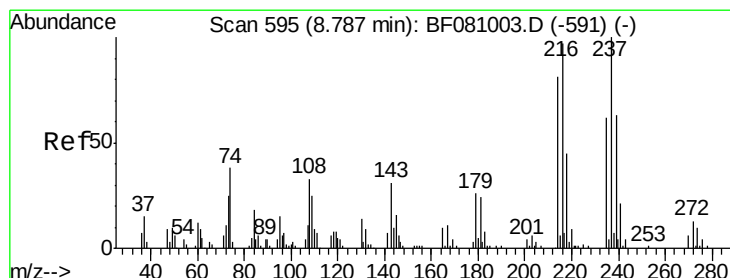
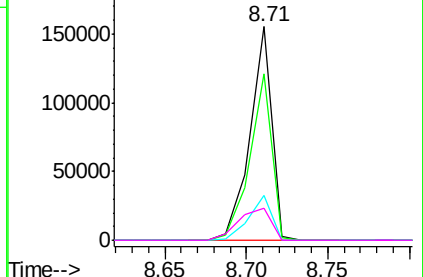
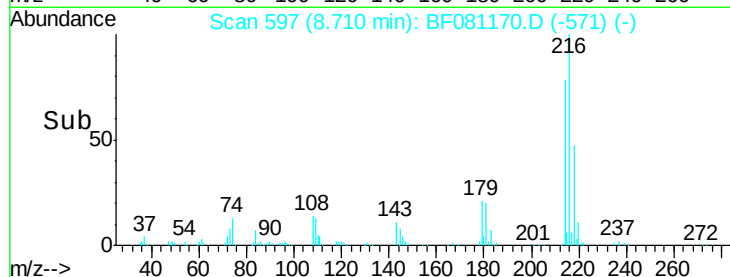


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.72 ng

RT: 8.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

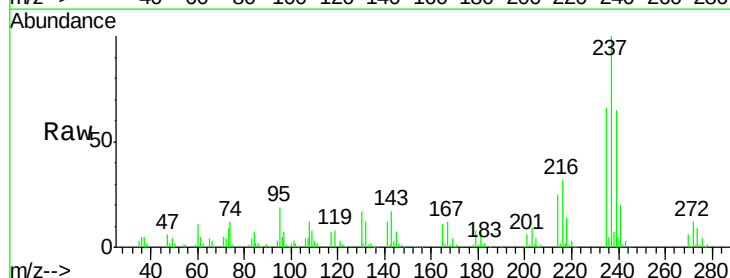
Tgt Ion:237 Resp: 143463

Ion Ratio Lower Upper

237 100

235 66.1 43.6 83.6

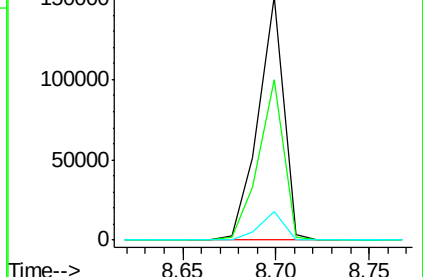
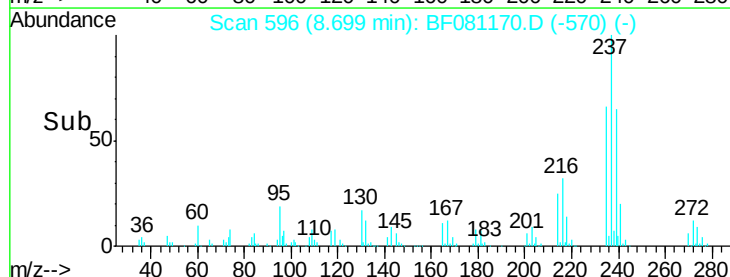
272 11.6 0.0 32.2

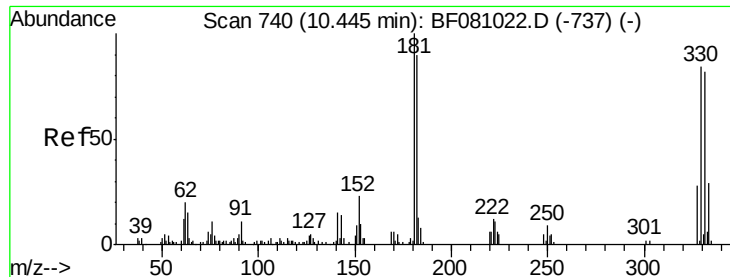


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 98.43 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

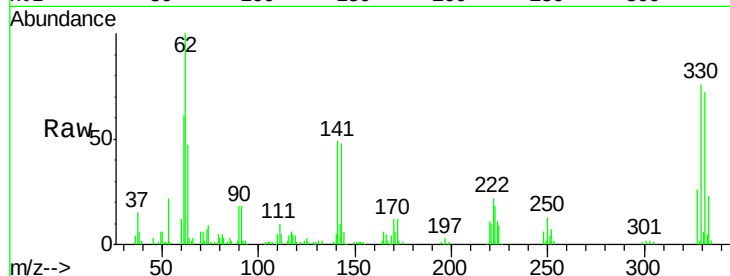
Tgt Ion:330 Resp: 111532

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

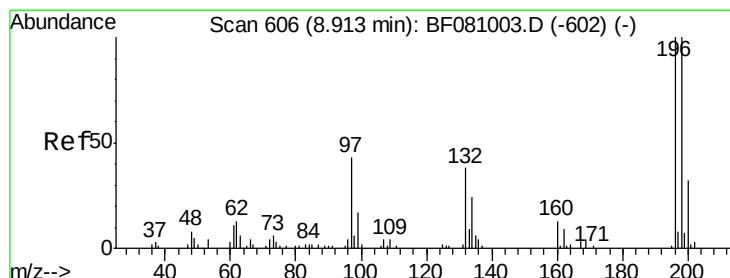
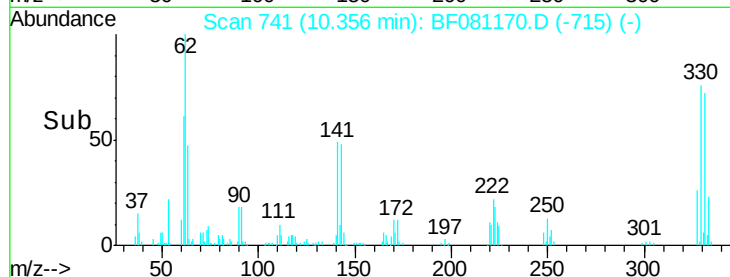
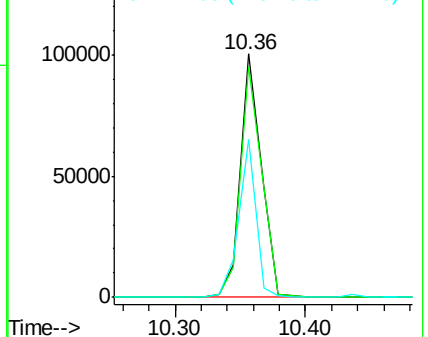
141 53.1 44.9 67.3



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: 35.10 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

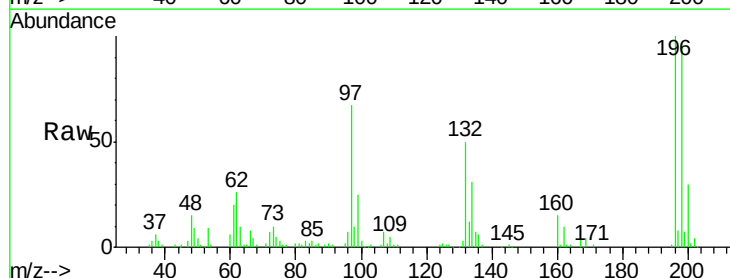
Tgt Ion:196 Resp: 104563

Ion Ratio Lower Upper

196 100

198 97.4 74.6 111.8

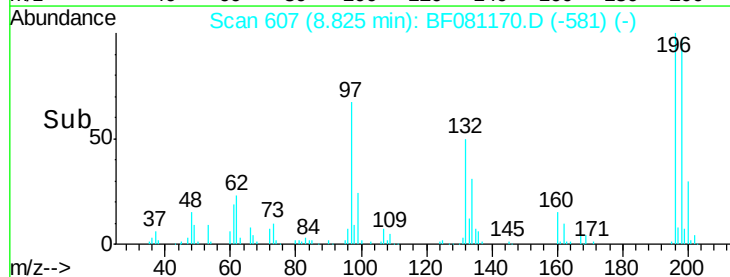
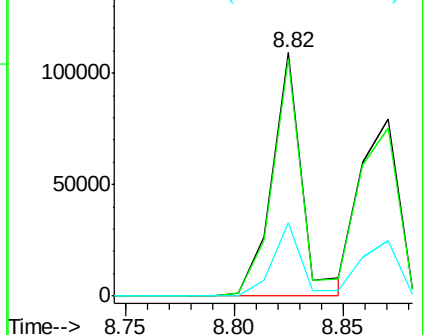
200 30.3 22.7 34.1

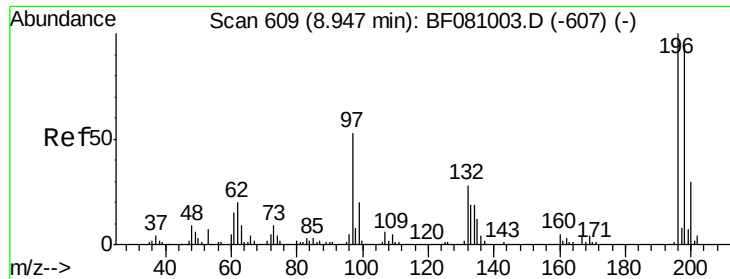


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

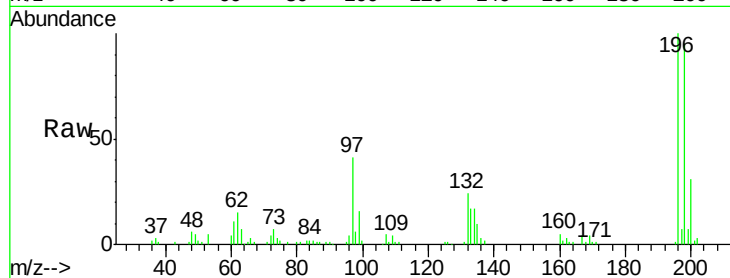




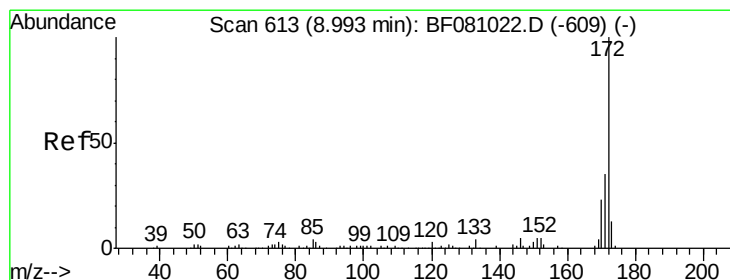
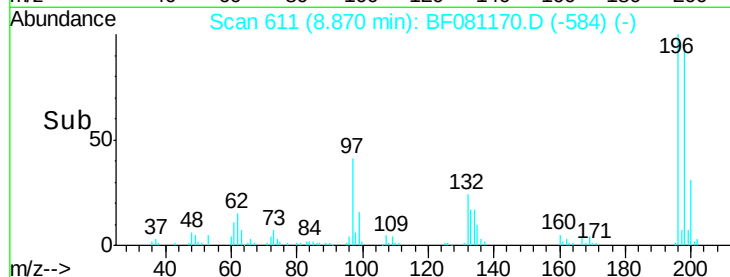
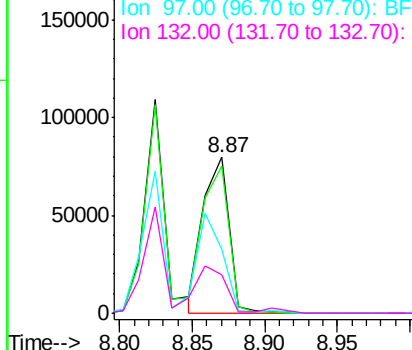
#43
 2,4,5-Trichlorophenol
 Concen: 33.40 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion:196 Resp: 99451
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.3 117.5
 97 40.9 42.7 64.1#
 132 24.4 23.3 34.9

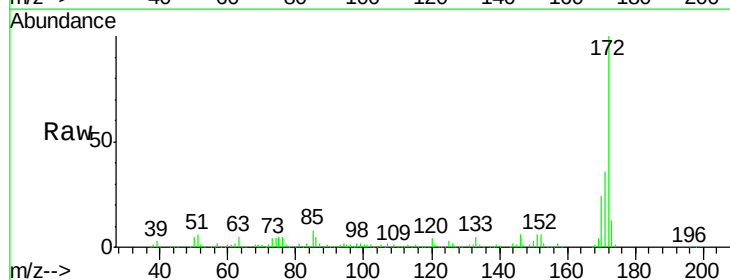


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

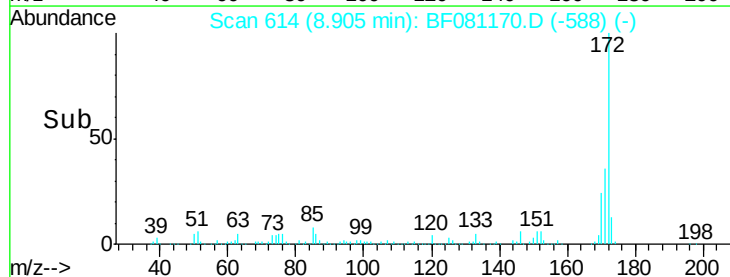
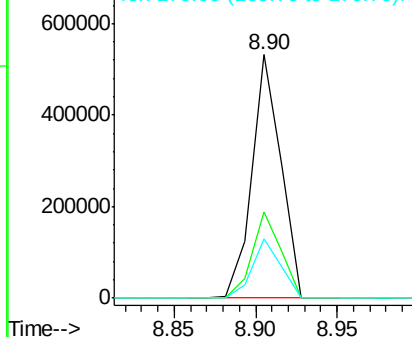


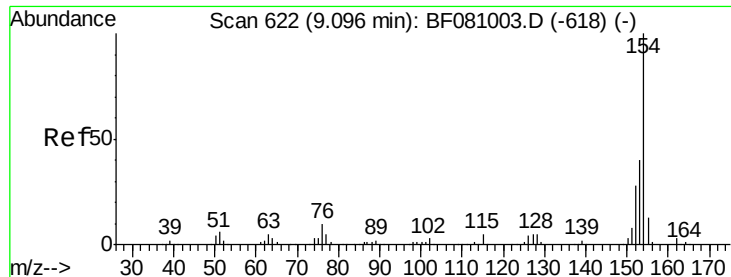
#44
 2-Fluorobiphenyl
 Concen: 65.53 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion:172 Resp: 653728
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.46 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

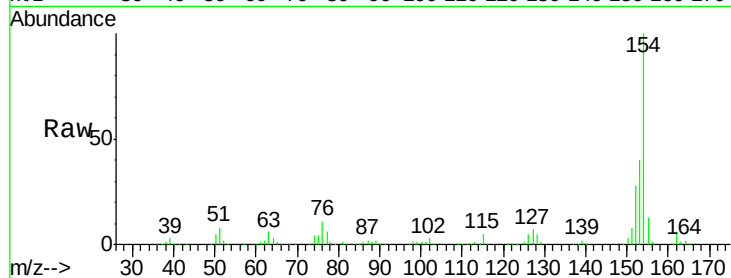
Tgt Ion:154 Resp: 431267

Ion Ratio Lower Upper

154 100

153 39.7 19.5 59.5

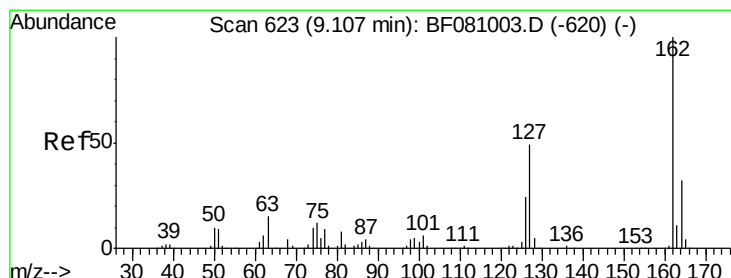
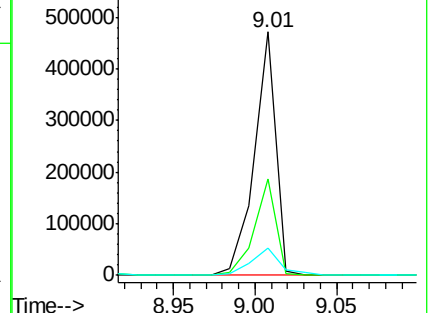
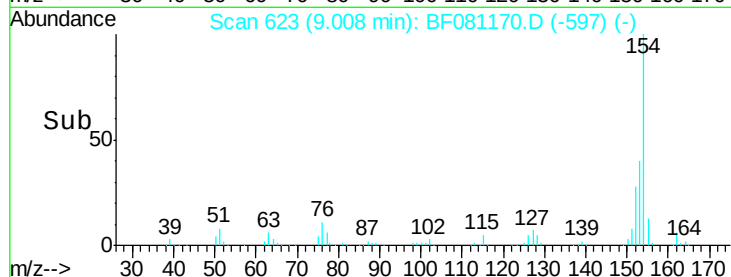
76 11.4 0.0 29.3



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: 32.16 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

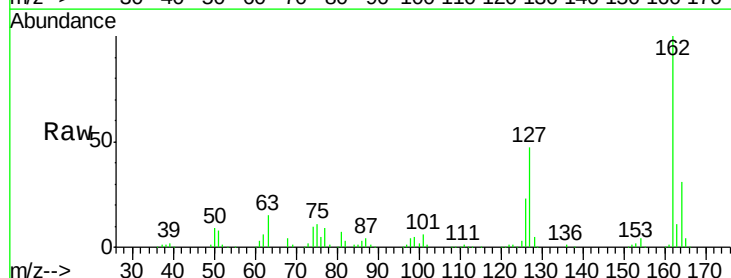
Tgt Ion:162 Resp: 297506

Ion Ratio Lower Upper

162 100

127 47.3 31.3 46.9#

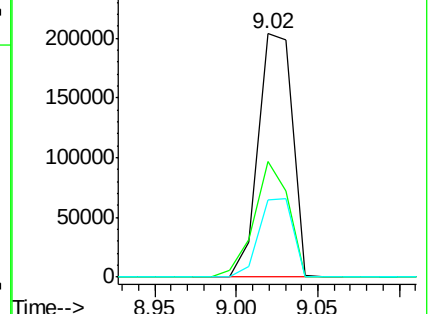
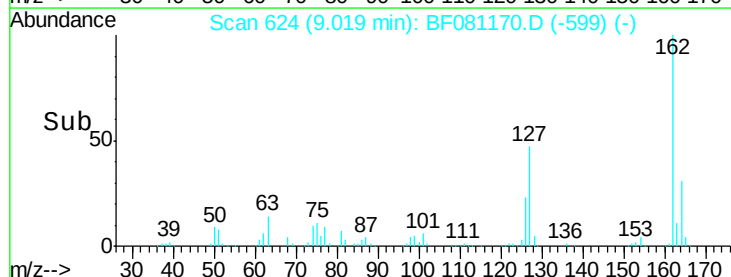
164 31.5 26.3 39.5

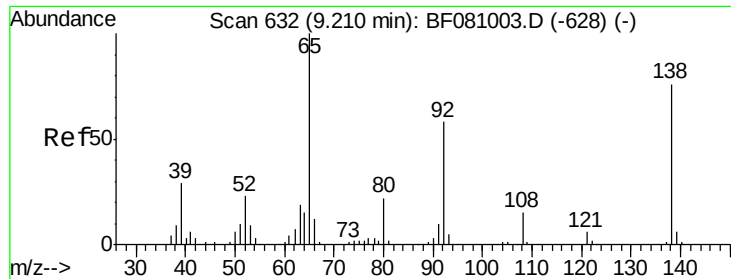


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

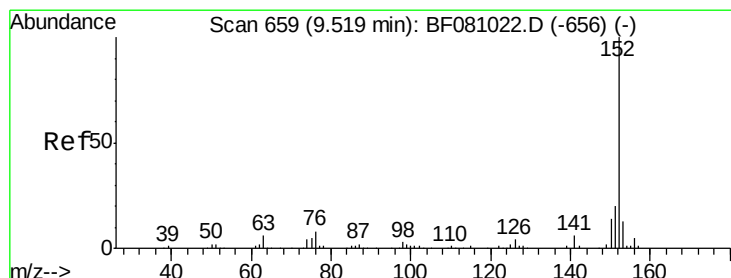
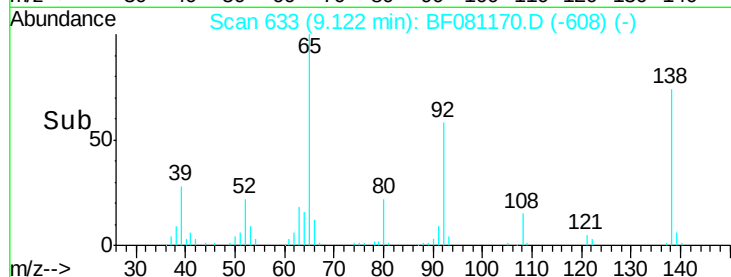
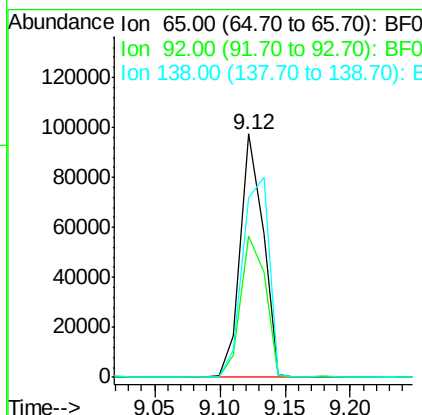
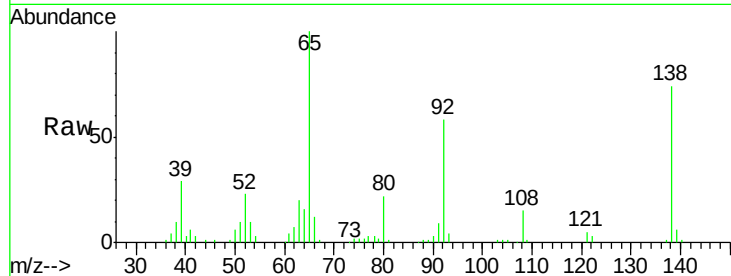




#47
 2-Nitroaniline
 Concen: 31.51 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

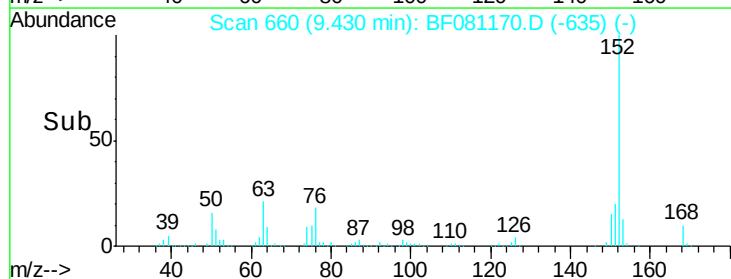
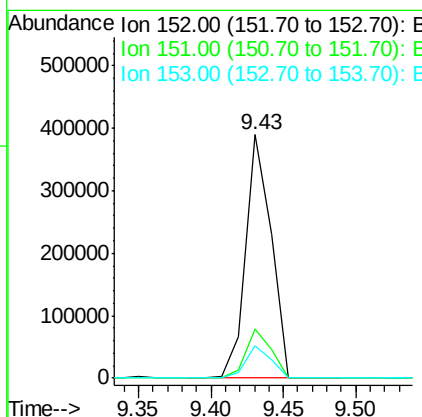
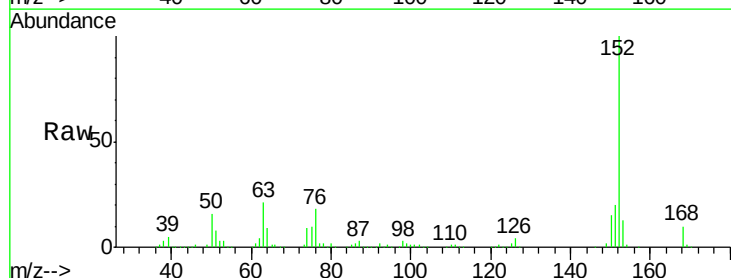
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

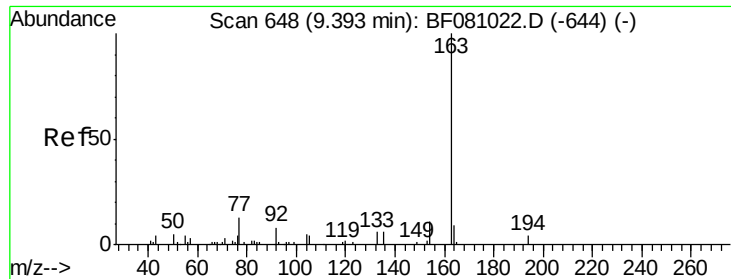
Tgt Ion: 65 Resp: 119266
 Ion Ratio Lower Upper
 65 100
 92 57.9 45.6 68.4
 138 73.7 57.9 86.9



#48
 Acenaphthylene
 Concen: 28.66 ng
 RT: 9.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion: 152 Resp: 474182
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.1 24.1
 153 13.3 9.8 14.6

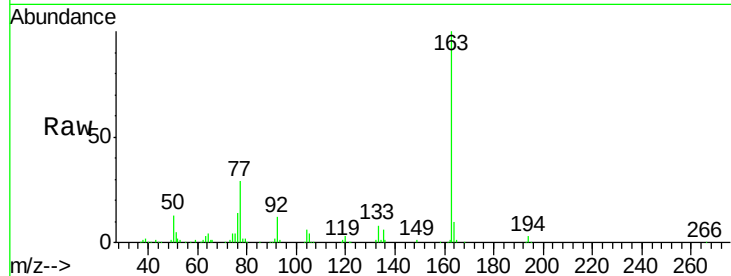




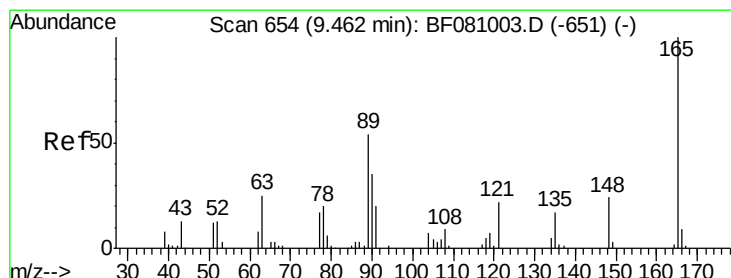
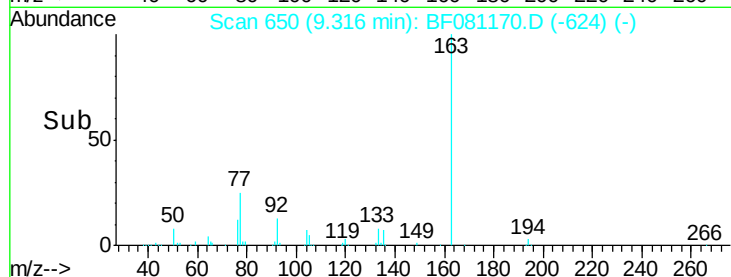
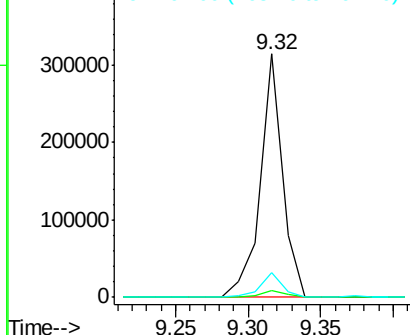
#49
Dimethylphthalate
Concen: 30.93 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion:163 Resp: 332918
Ion Ratio Lower Upper
163 100
194 2.8 2.5 3.7
164 10.4 8.1 12.1

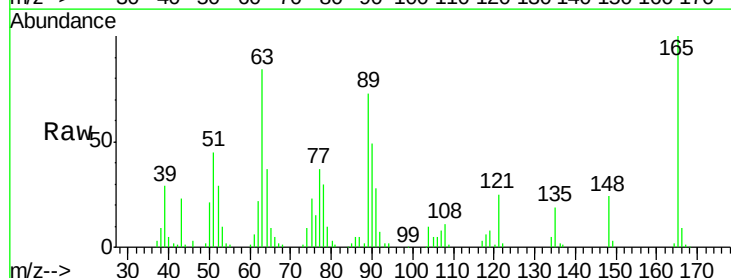


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

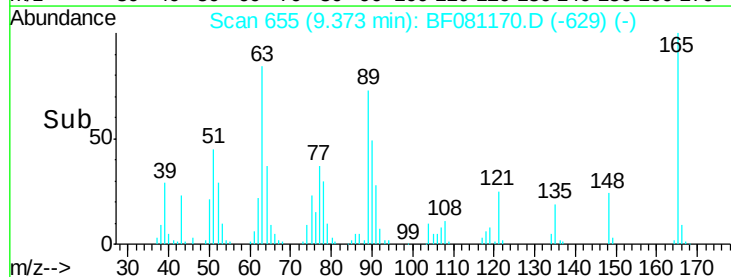
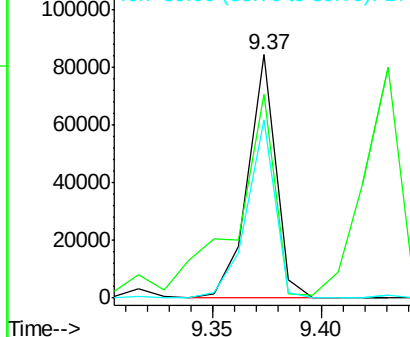


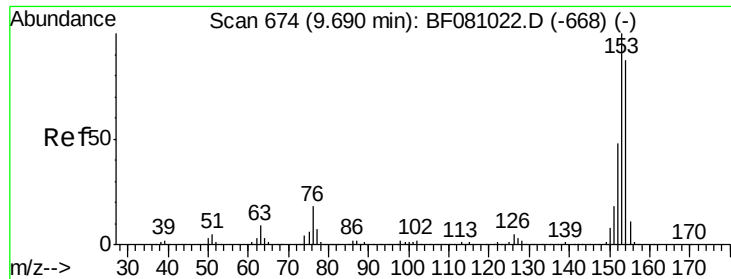
#50
2,6-Dinitrotoluene
Concen: 32.82 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion:165 Resp: 75857
Ion Ratio Lower Upper
165 100
63 83.7 49.5 74.3#
89 73.1 47.6 71.4#



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





#51

Acenaphthene

Concen: 28.46 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

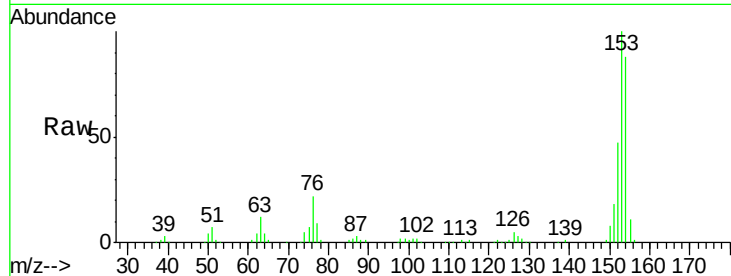
Tgt Ion:154 Resp: 281946

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

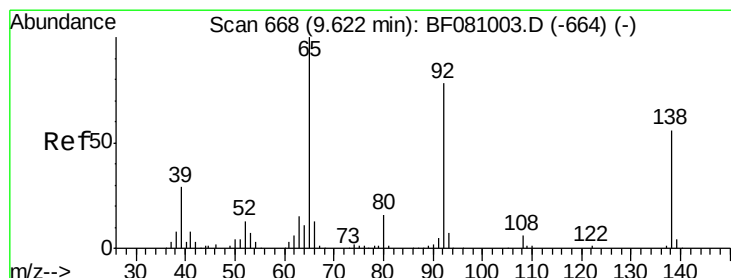
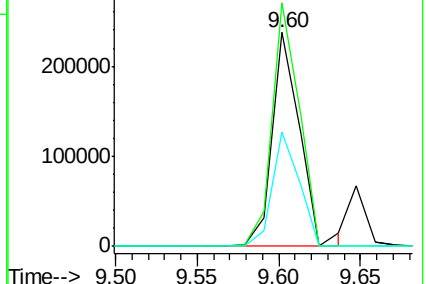
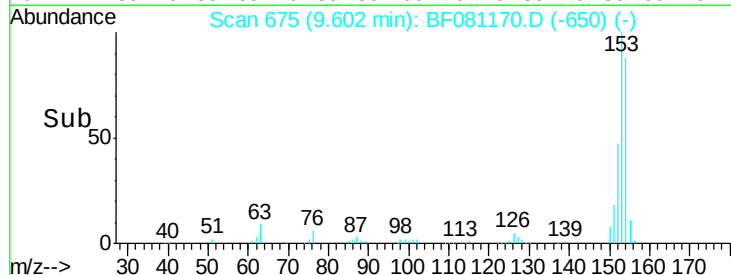
152 53.8 43.7 65.5



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: 19.30 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

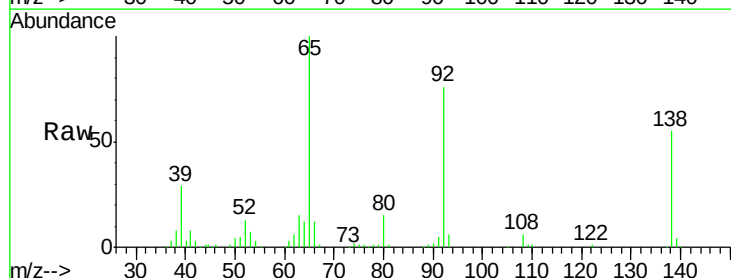
Tgt Ion:138 Resp: 55824

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

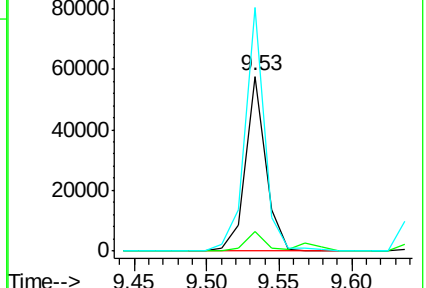
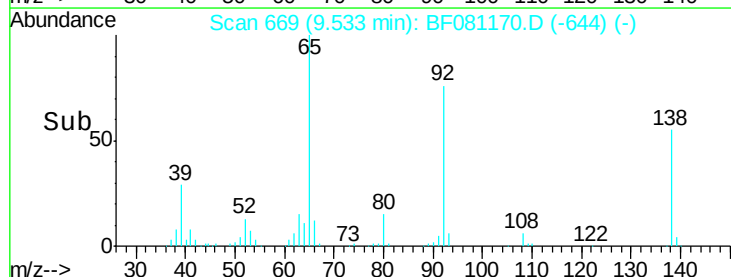
92 139.5 113.2 169.8

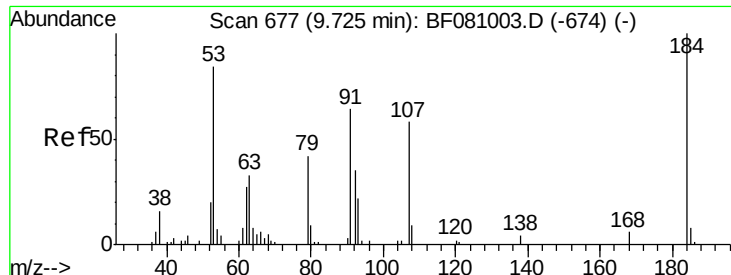


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

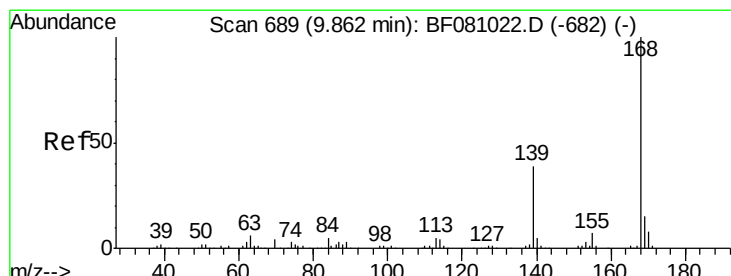
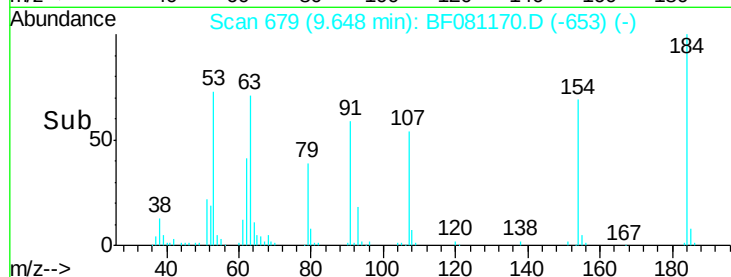
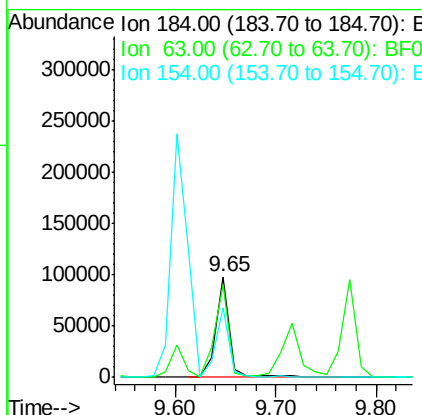
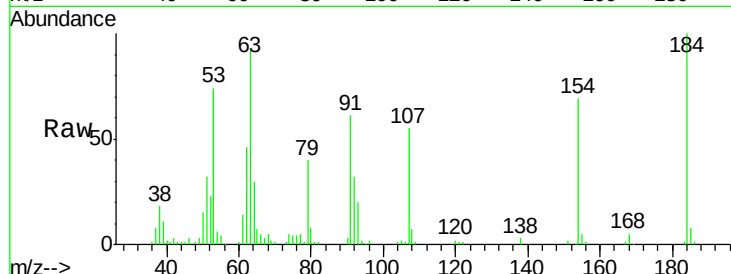




#53
 2,4-Dinitrophenol
 Concen: 73.11 ng
 RT: 9.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

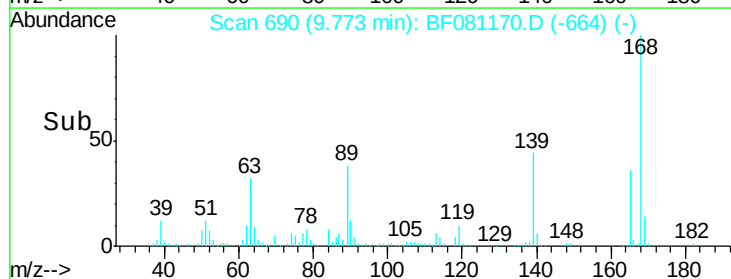
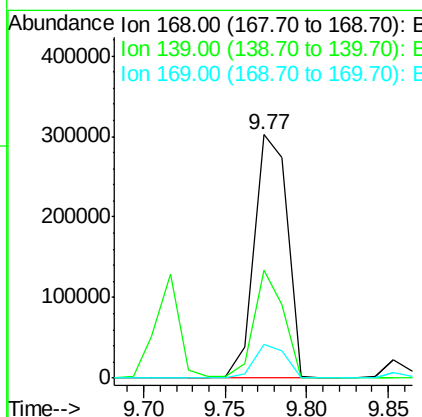
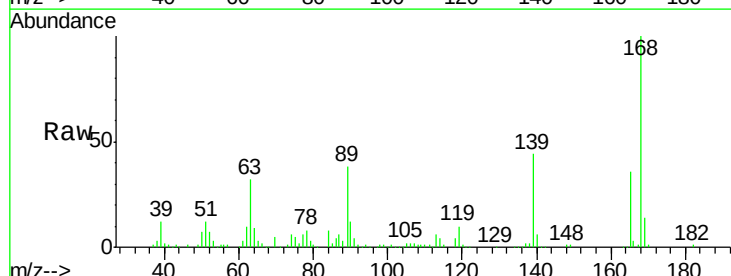
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

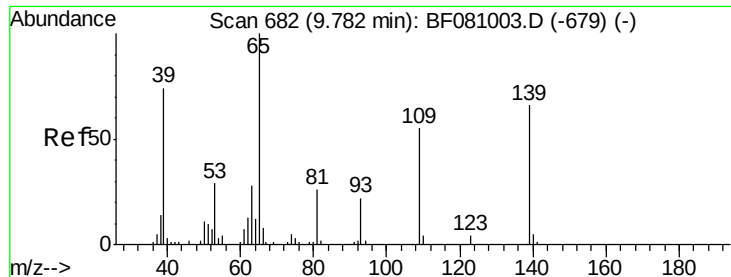
Tgt Ion:184 Resp: 92443
 Ion Ratio Lower Upper
 184 100
 63 92.3 101.7 152.5#
 154 68.6 67.4 101.0



#54
 Dibenzofuran
 Concen: 31.95 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion:168 Resp: 424116
 Ion Ratio Lower Upper
 168 100
 139 44.2 29.3 43.9#
 169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 66.98 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

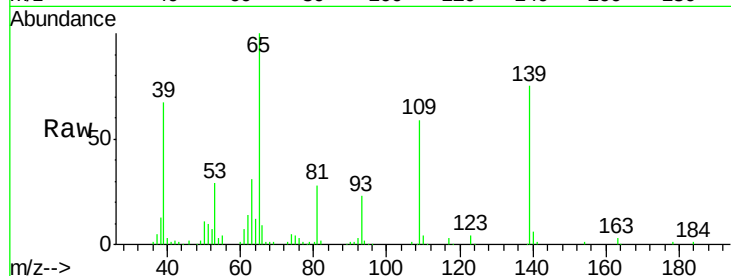
Tgt Ion:139 Resp: 136055

Ion Ratio Lower Upper

139 100

109 78.4 80.0 120.0#

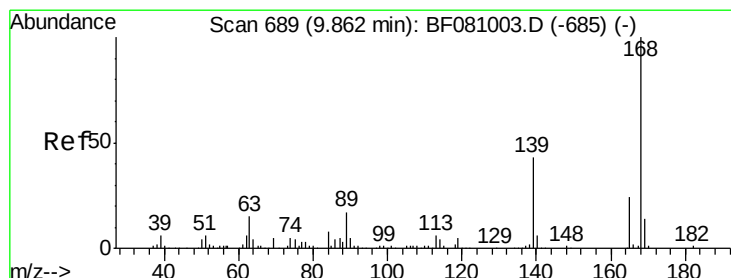
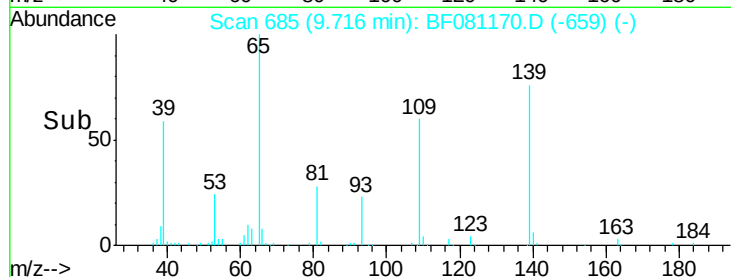
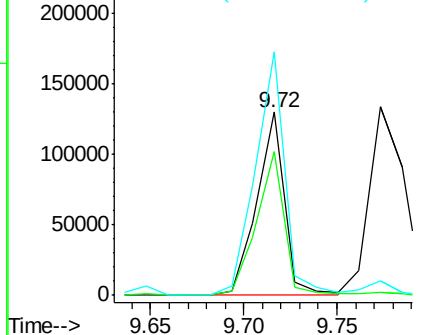
65 132.8 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.97 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Tgt Ion:165 Resp: 97932

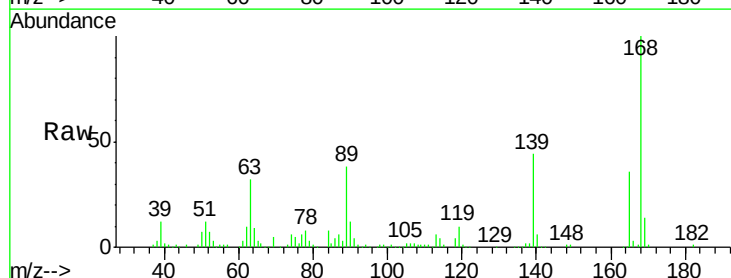
Ion Ratio Lower Upper

165 100

63 87.9 52.2 78.4#

89 106.3 60.1 90.1#

182 1.9 1.8 2.6

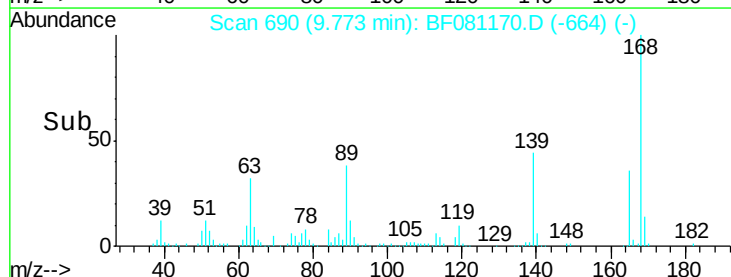
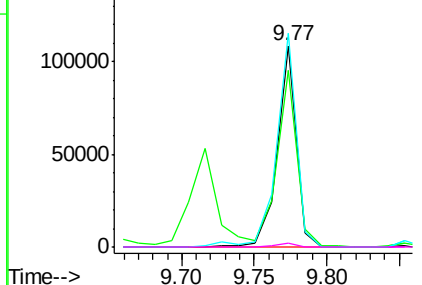


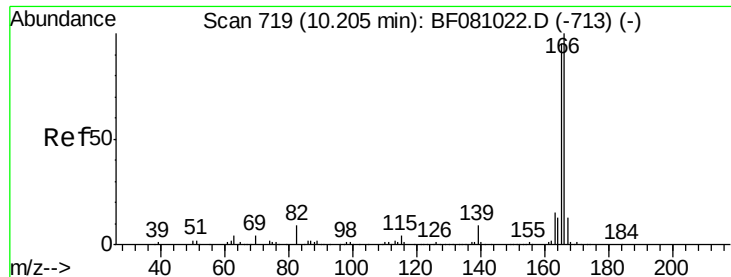
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

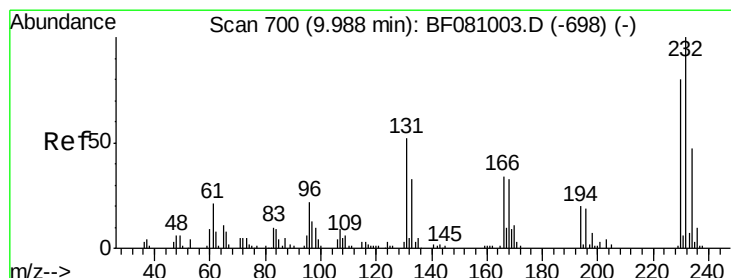
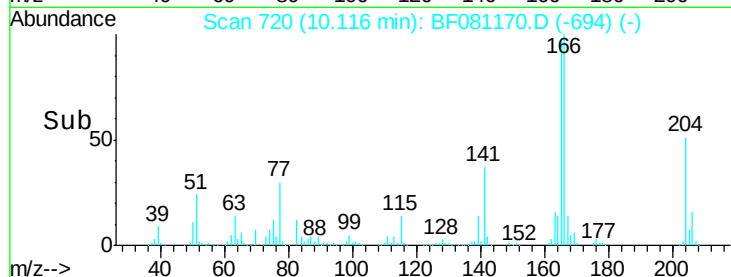
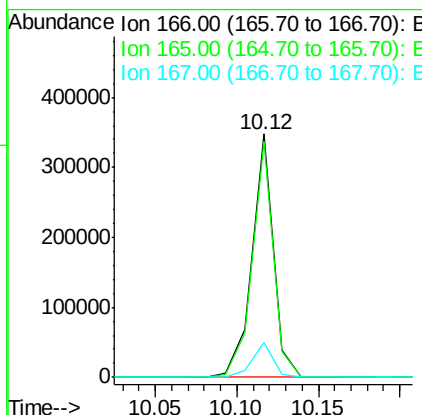
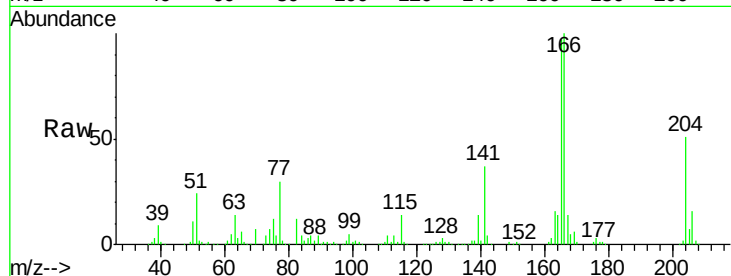




#57
 Fluorene
 Concen: 30.98 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

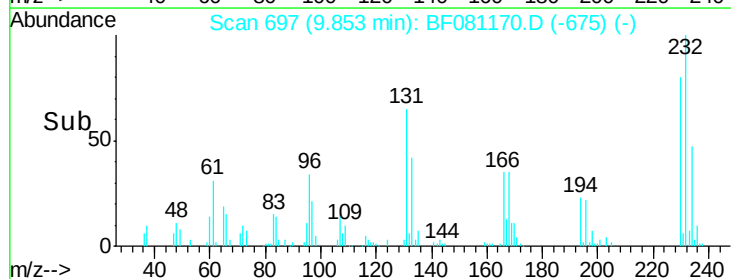
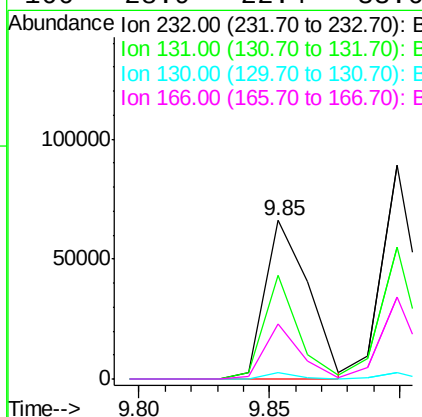
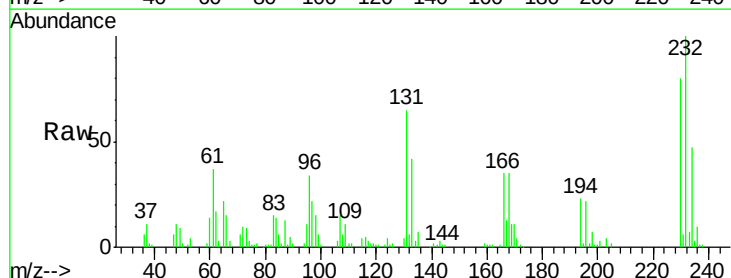
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

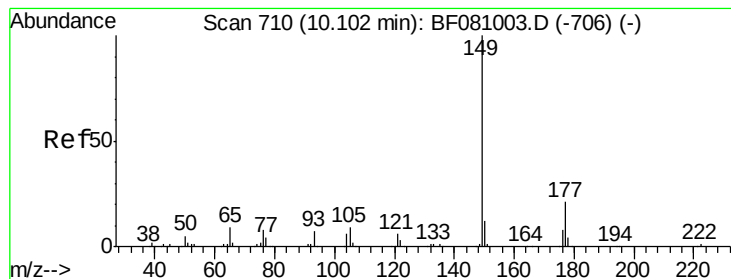
Tgt Ion:166 Resp: 316391
 Ion Ratio Lower Upper
 166 100
 165 97.0 75.8 113.8
 167 14.3 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.29 ng
 RT: 9.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion:232 Resp: 76715
 Ion Ratio Lower Upper
 232 100
 131 51.3 42.2 63.4
 130 2.8 2.1 3.1
 166 28.9 22.4 33.6





#59

Diethylphthalate

Concen: 32.37 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

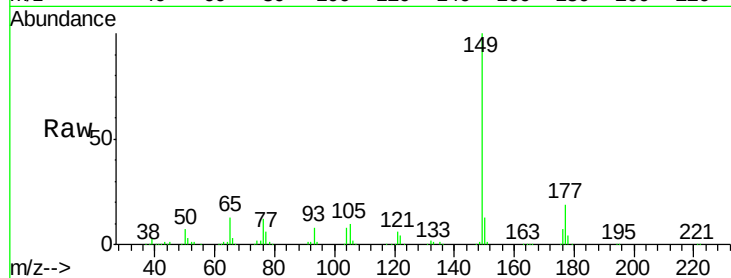
Tgt Ion:149 Resp: 368874

Ion Ratio Lower Upper

149 100

177 18.5 14.1 21.1

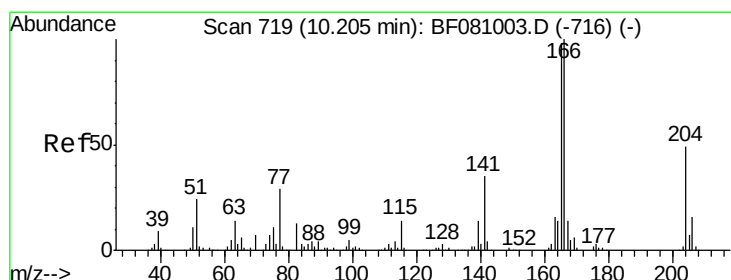
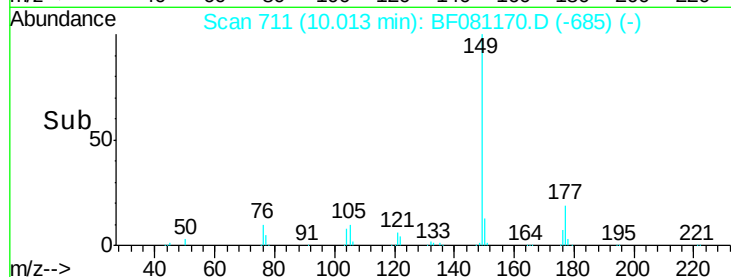
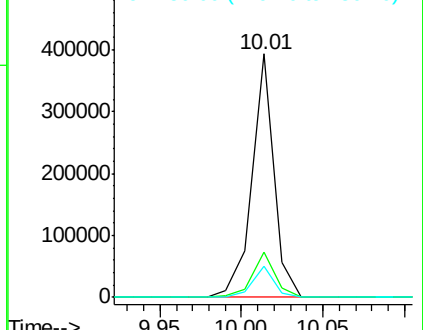
150 12.9 10.3 15.5



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: 35.14 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

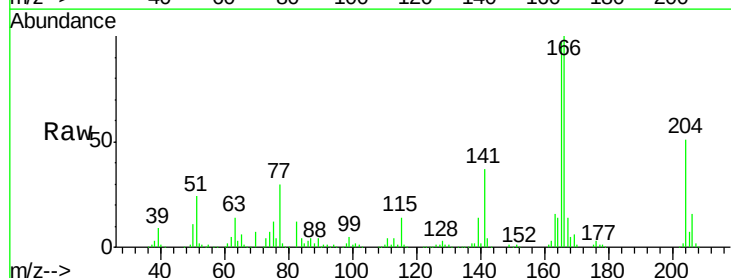
Tgt Ion:204 Resp: 151833

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

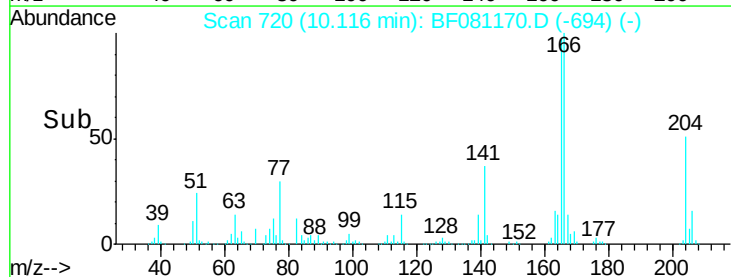
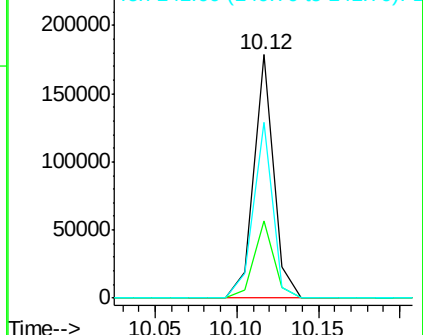
141 72.1 59.6 89.4

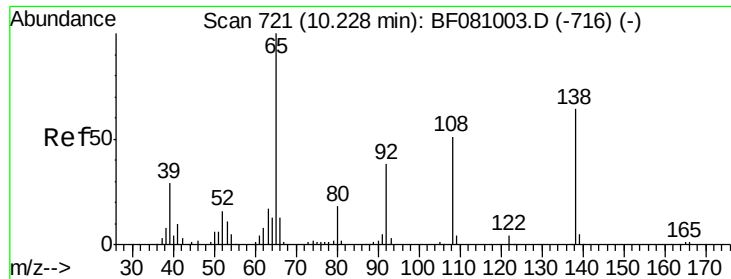


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

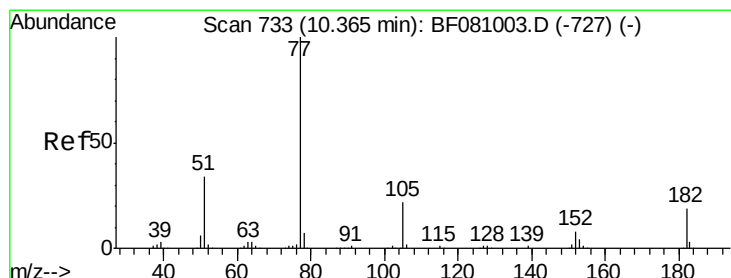
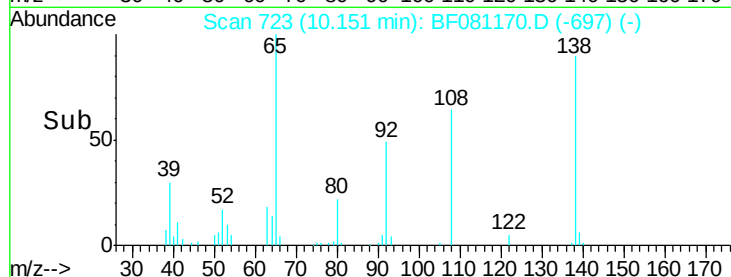
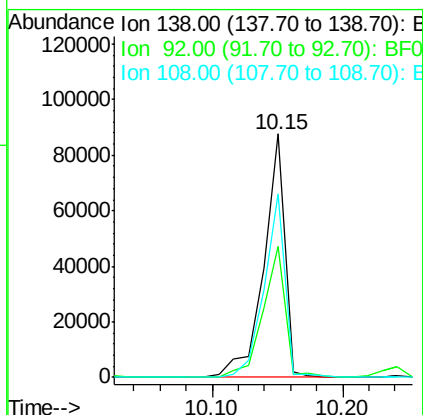
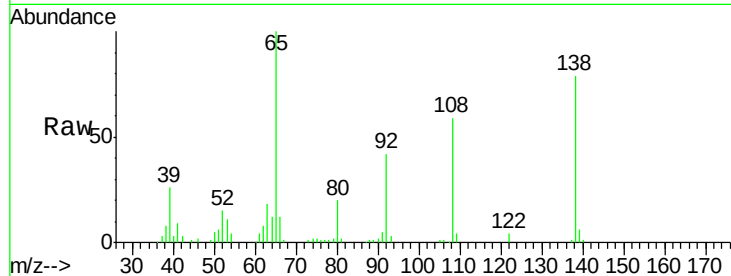




#61
4-Nitroaniline
Concen: 33.45 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

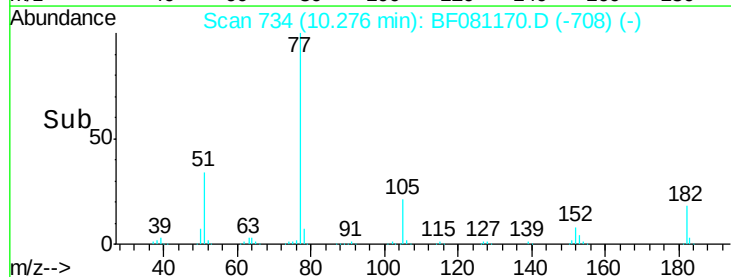
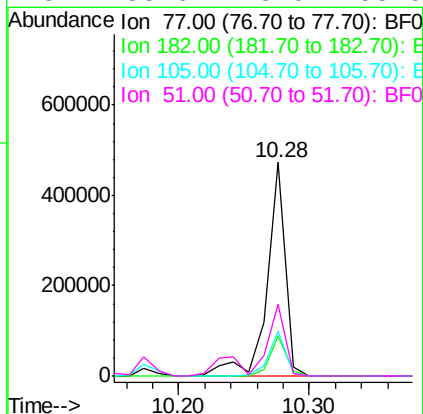
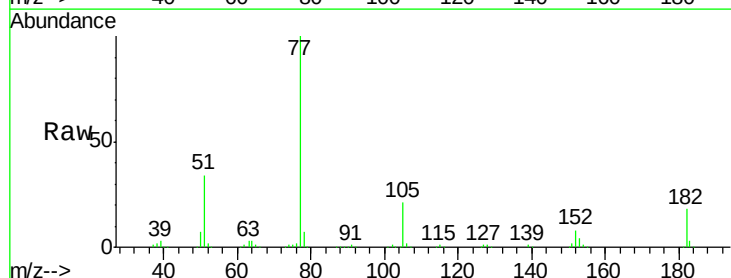
Instrument :
BNA_F
ClientSampleId :
PB85016BS

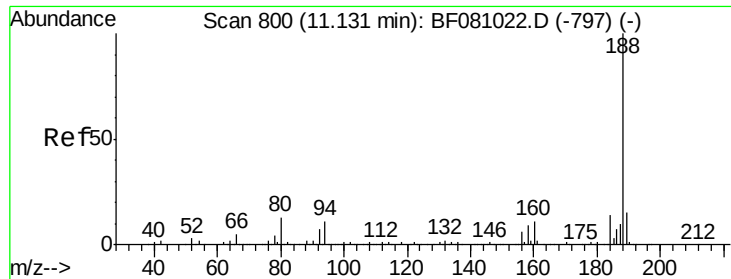
Tgt Ion:138 Resp: 98894
Ion Ratio Lower Upper
138 100
92 53.8 34.7 74.7
108 75.5 68.9 108.9



#62
Azobenzene
Concen: 35.52 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion: 77 Resp: 466420
Ion Ratio Lower Upper
77 100
182 18.5 0.0 39.0
105 21.3 0.2 40.2
51 33.6 18.0 58.0

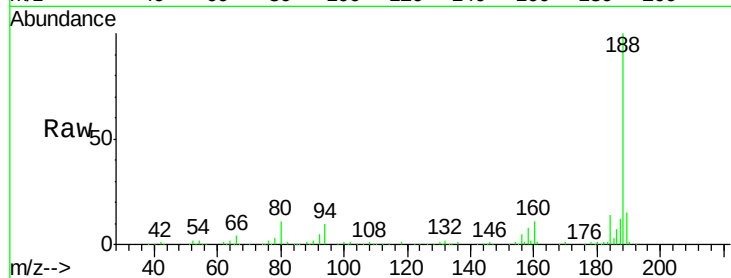




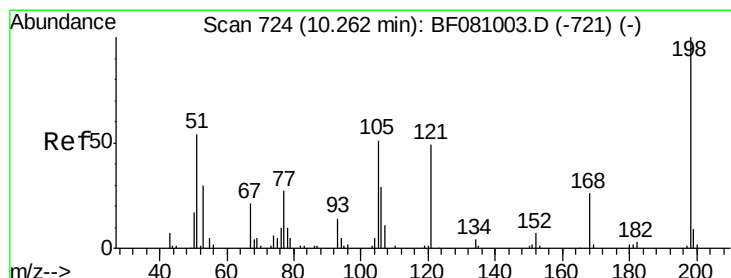
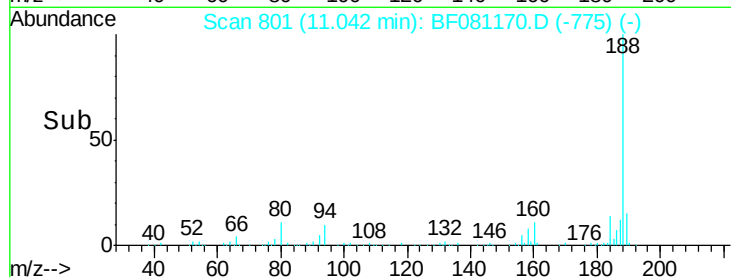
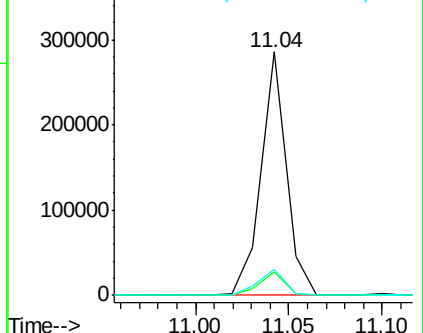
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB85016BS

Tgt Ion:188 Resp: 267691
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.8 9.5 14.3

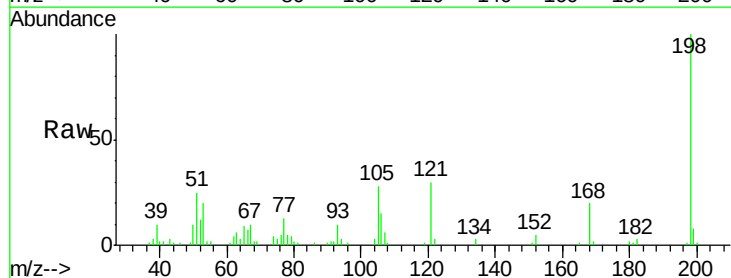


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

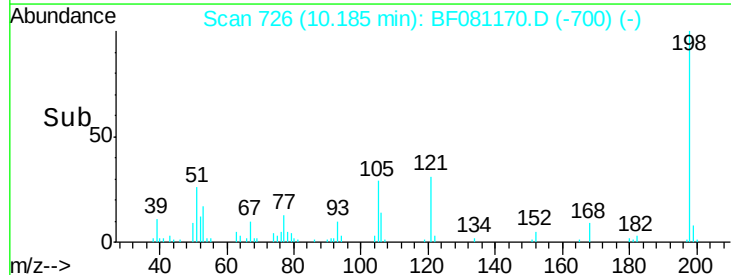
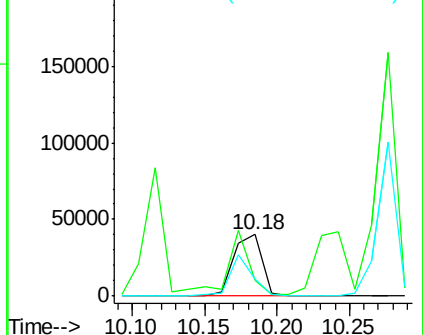


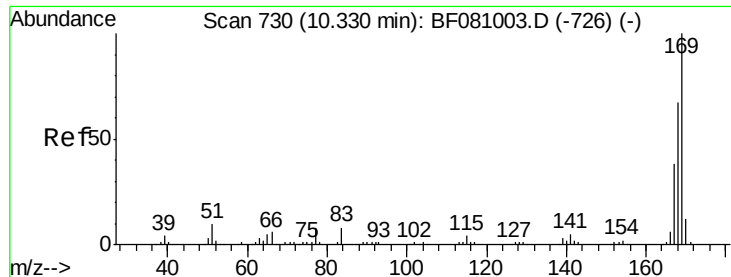
#64
4,6-Dinitro-2-methylphenol
Concen: 34.36 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF081170.D
Acq: 24 Aug 2015 15:31

Tgt Ion:198 Resp: 54933
Ion Ratio Lower Upper
198 100
51 25.1 79.7 119.7#
105 28.3 47.0 87.0#



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

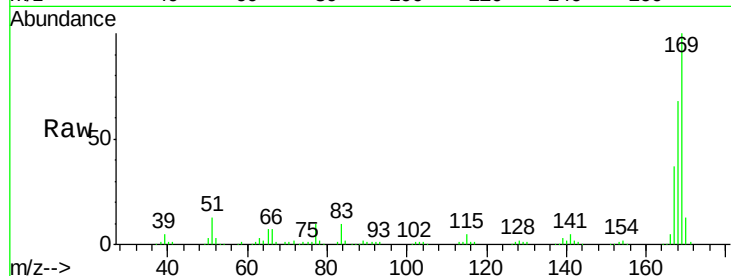




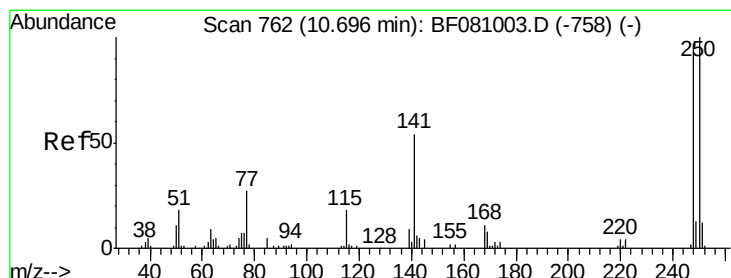
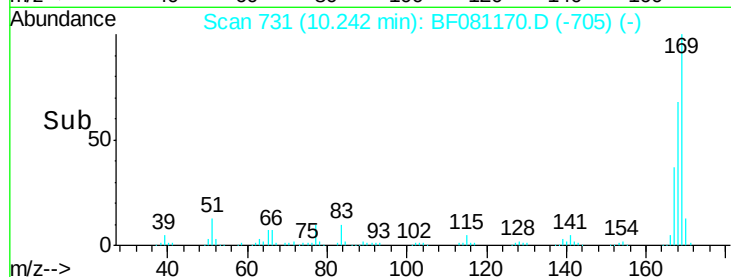
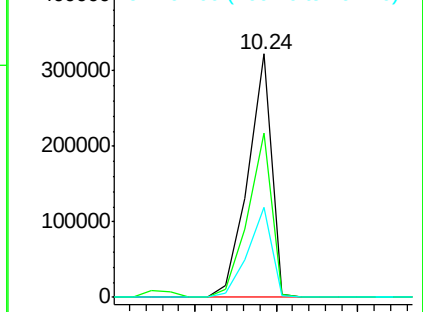
#65
 n-Nitrosodiphenylamine
 Concen: 34.15 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

Tgt Ion:169 Resp: 326306
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.3 82.9
 167 36.9 30.8 46.2

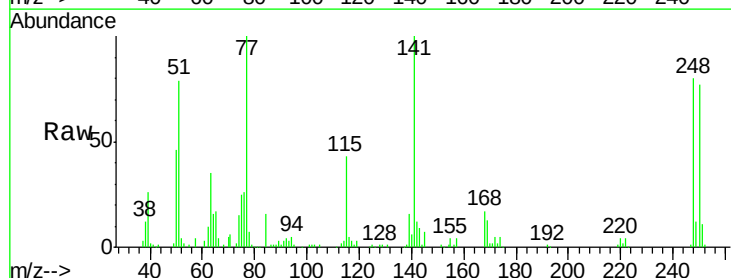


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

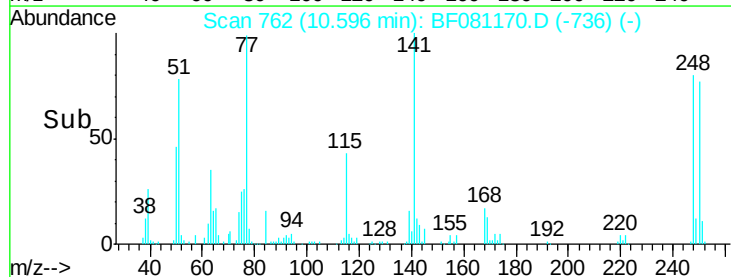
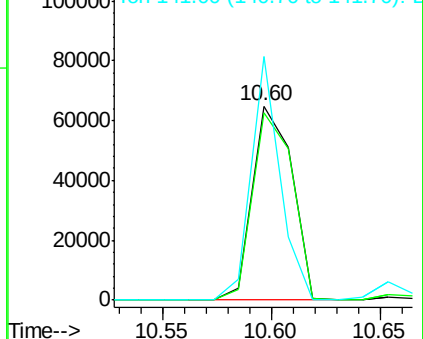


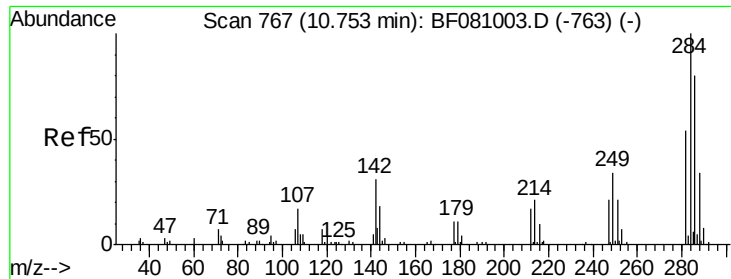
#66
 4-Bromophenyl-phenylether
 Concen: 31.31 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion:248 Resp: 82347
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.8 116.6
 141 125.6 39.8 59.6#



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





#67

Hexachlorobenzene

Concen: 32.86 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

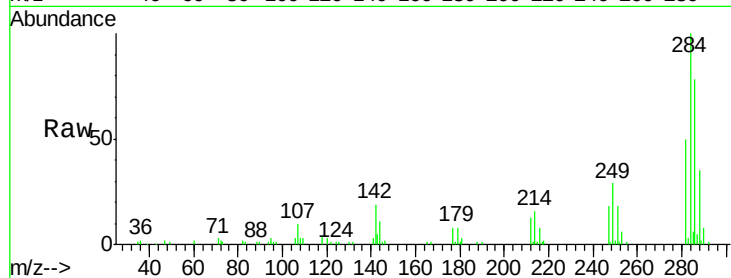
Tgt Ion:284 Resp: 87512

Ion Ratio Lower Upper

284 100

142 19.5 25.4 38.0#

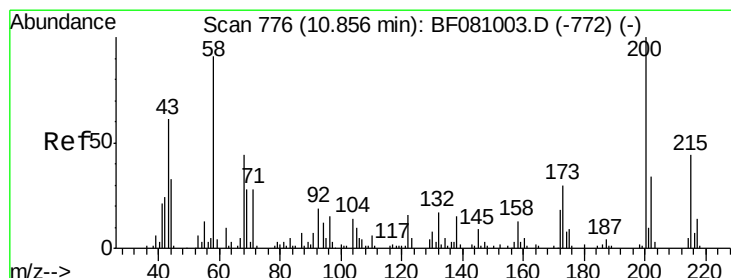
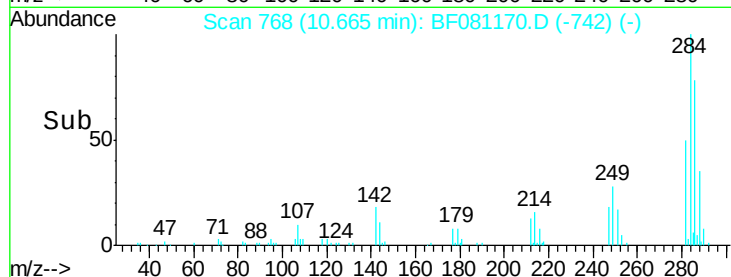
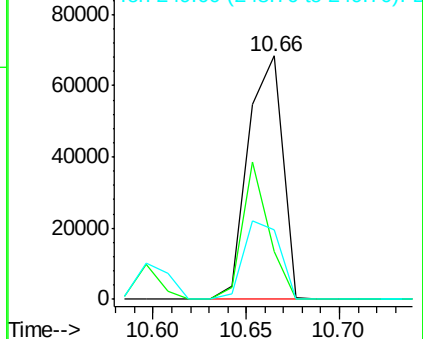
249 28.7 28.5 42.7



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: 33.06 ng

RT: 10.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

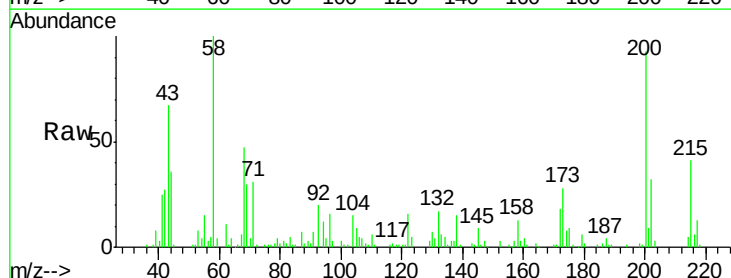
Tgt Ion:200 Resp: 88010

Ion Ratio Lower Upper

200 100

173 30.3 8.1 48.1

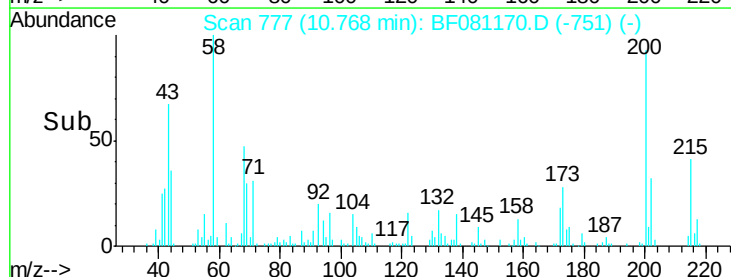
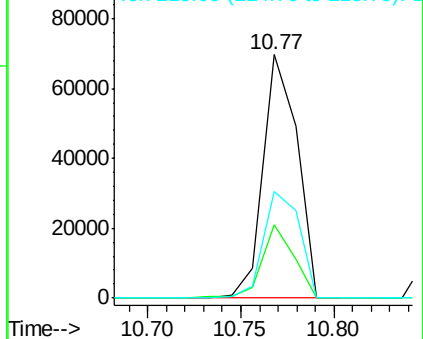
215 43.9 23.3 63.3

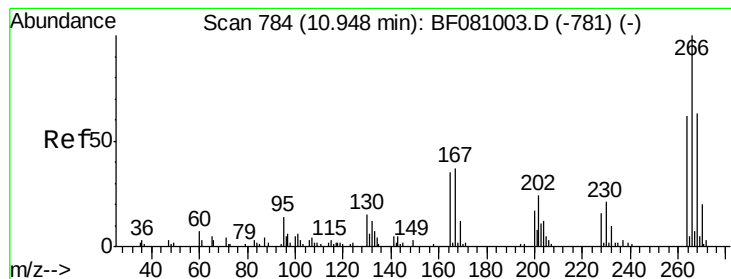


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 70.42 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

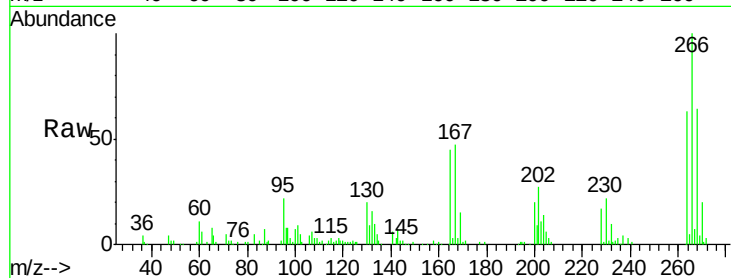
Tgt Ion:266 Resp: 112534

Ion Ratio Lower Upper

266 100

268 64.3 51.2 76.8

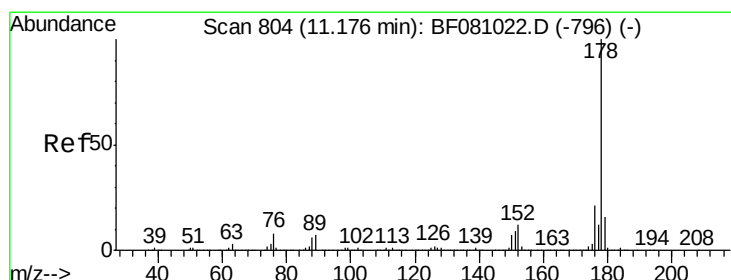
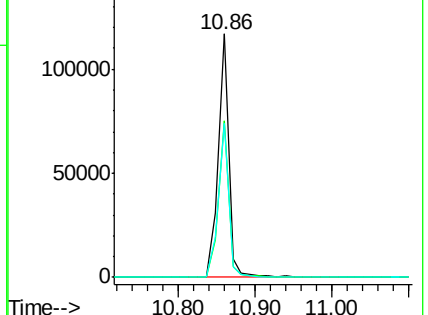
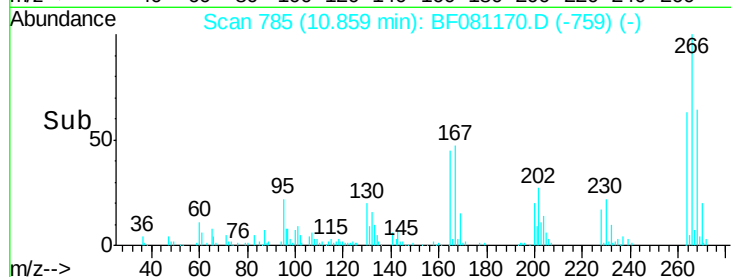
264 63.2 50.6 75.8



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: 29.02 ng

RT: 11.06 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

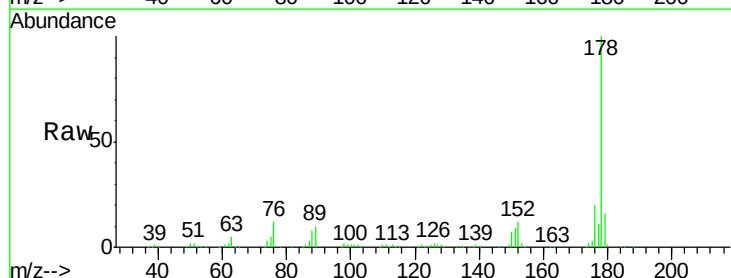
Tgt Ion:178 Resp: 460430

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

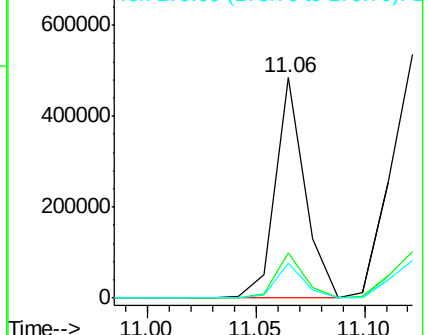
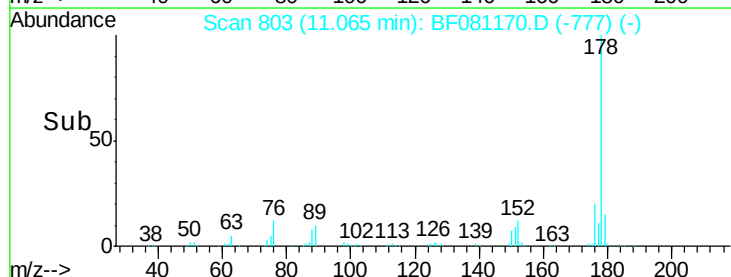
179 15.7 12.2 18.2

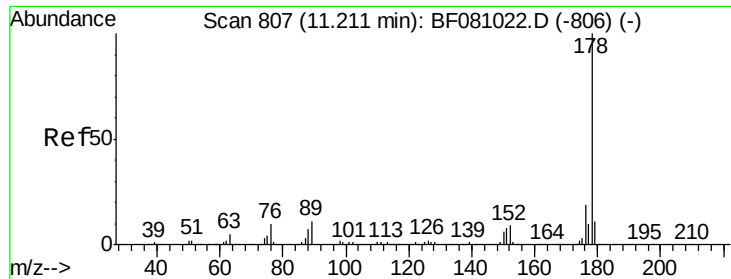


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.05 ng

RT: 11.12 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

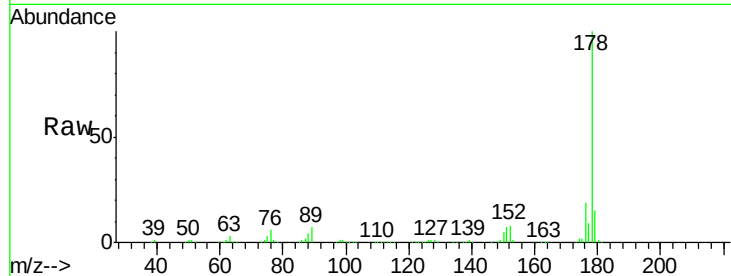
Tgt Ion:178 Resp: 556469

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

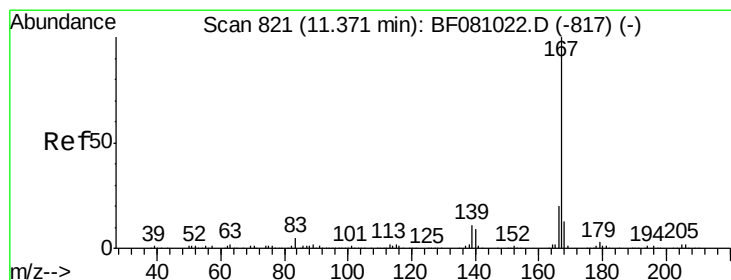
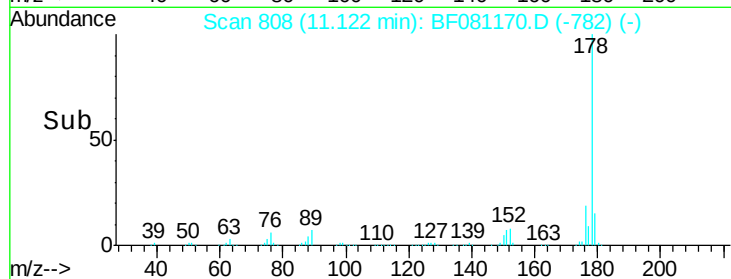
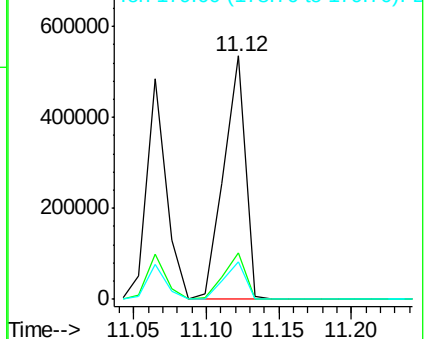
179 15.2 12.7 19.1



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: 37.81 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

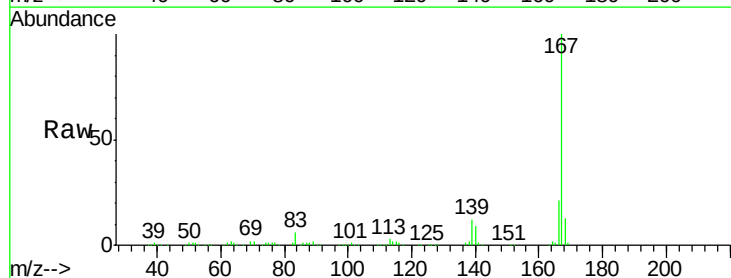
Tgt Ion:167 Resp: 561934

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

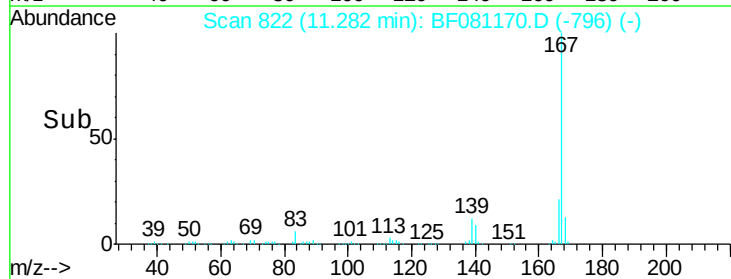
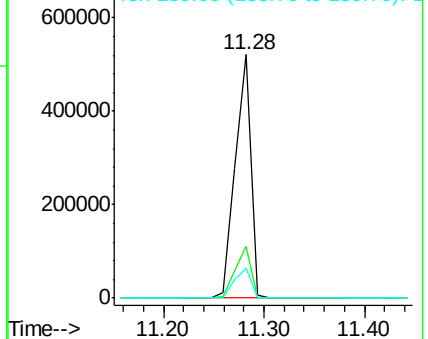
139 12.3 10.6 16.0

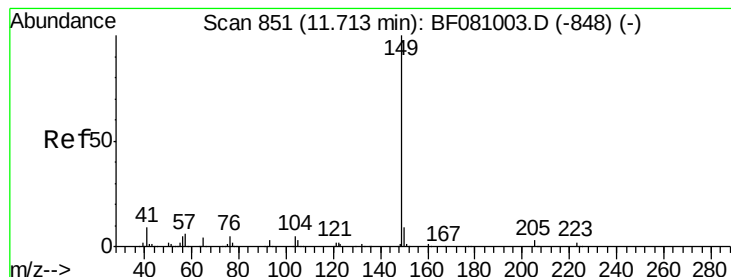


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.52 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

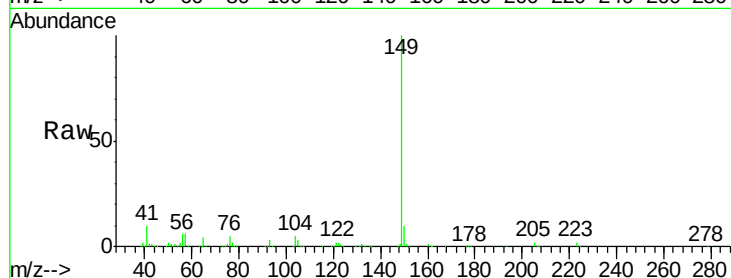
Tgt Ion:149 Resp: 602959

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

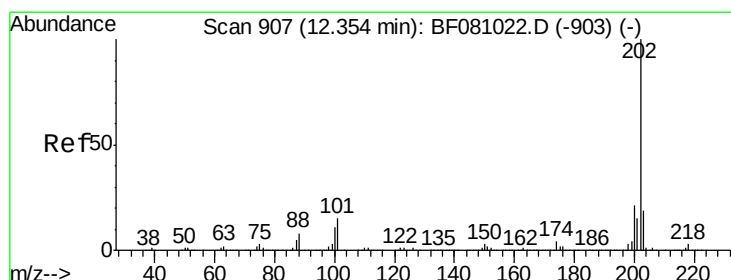
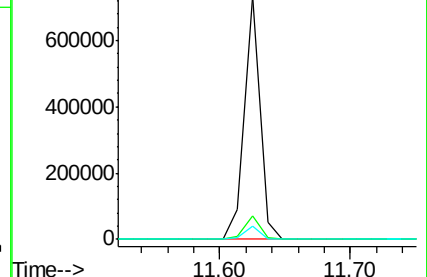
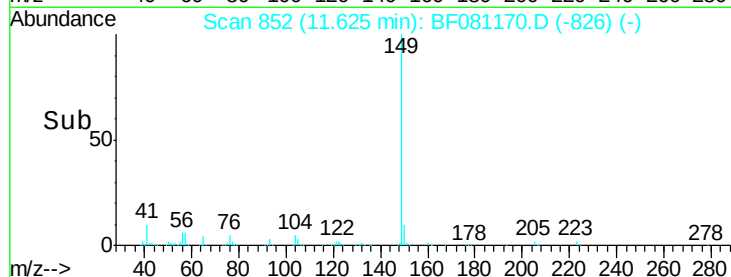
104 5.3 3.9 5.9



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: 32.68 ng

RT: 12.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

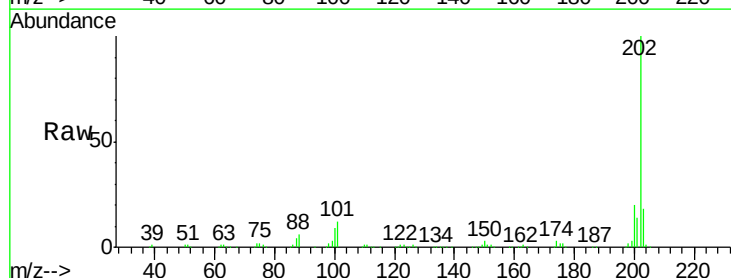
Tgt Ion:202 Resp: 559411

Ion Ratio Lower Upper

202 100

101 11.8 0.0 24.8

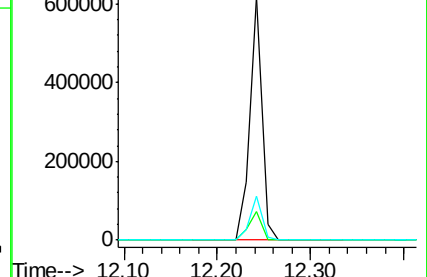
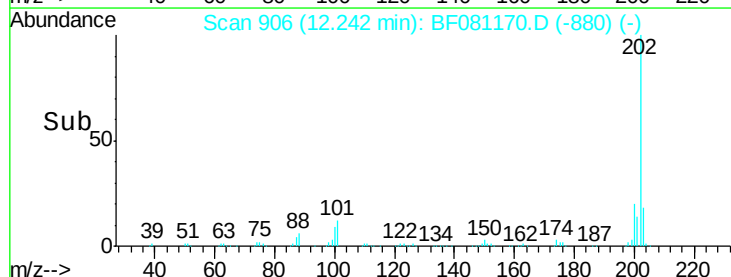
203 17.8 0.0 36.9

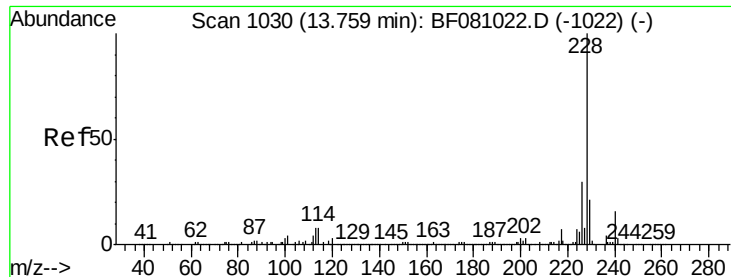


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

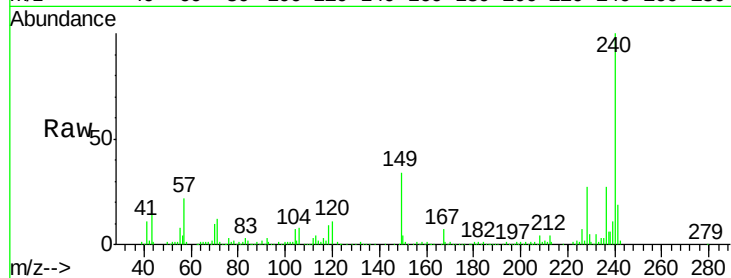
Tgt Ion:240 Resp: 239224

Ion Ratio Lower Upper

240 100

120 10.8 5.6 8.4#

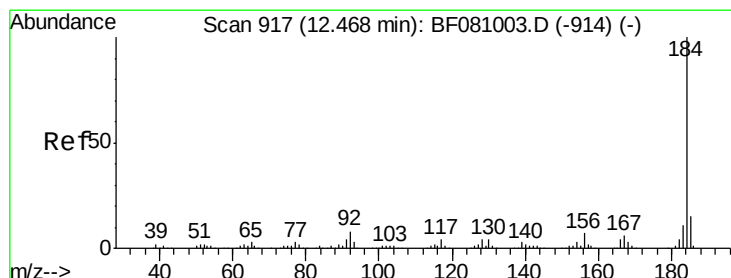
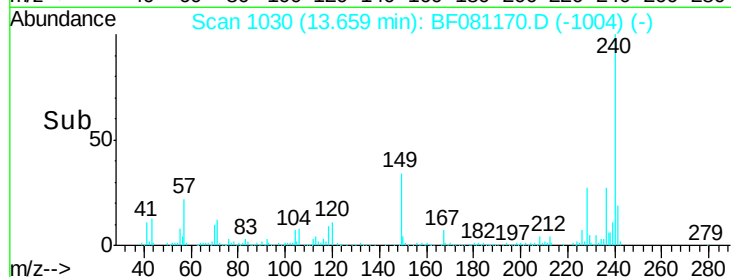
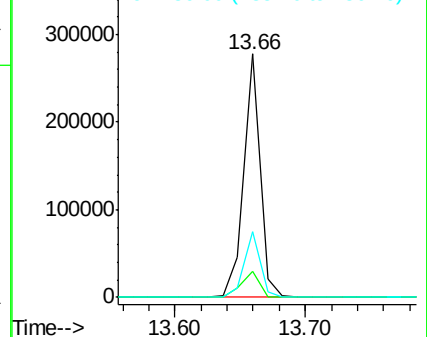
236 26.8 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.40 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

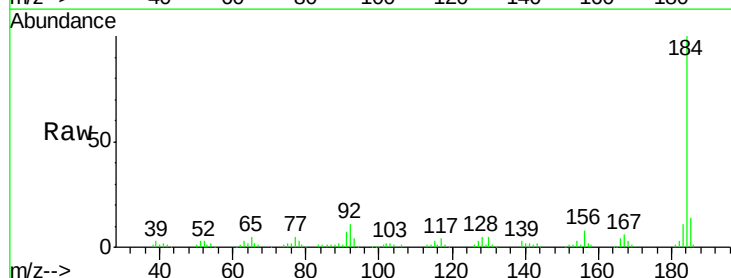
Tgt Ion:184 Resp: 193414

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

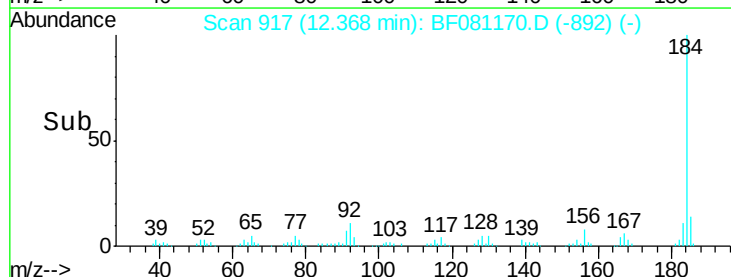
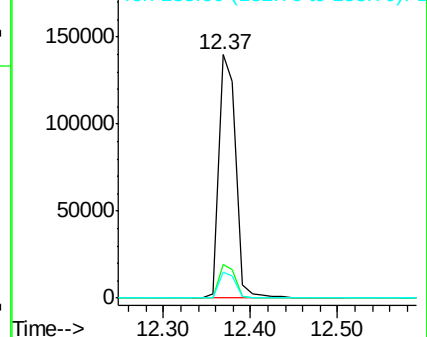
183 10.8 8.9 13.3

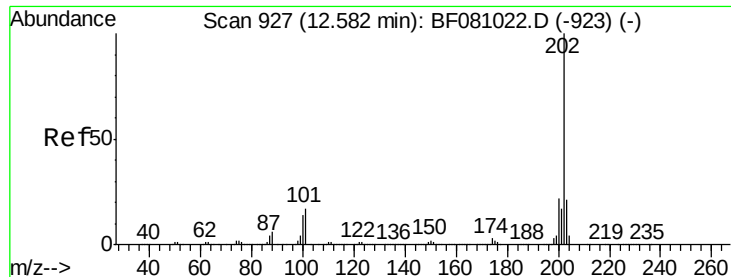


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.34 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

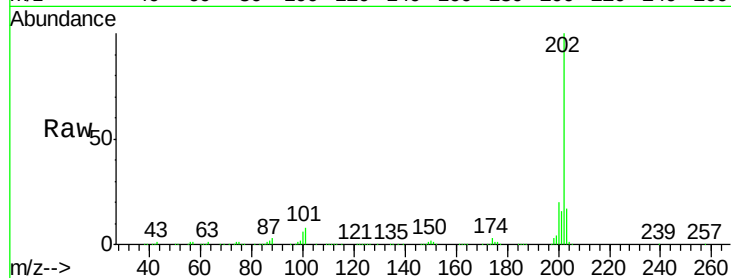
Tgt Ion:202 Resp: 609567

Ion Ratio Lower Upper

202 100

200 19.9 16.6 24.8

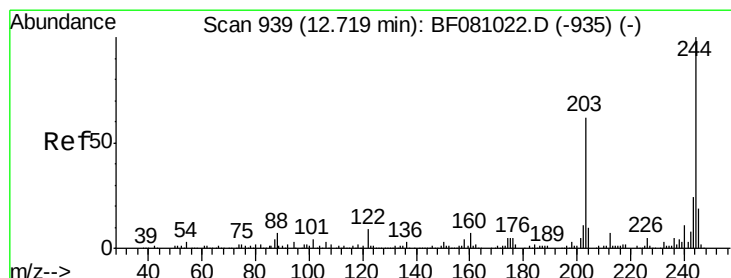
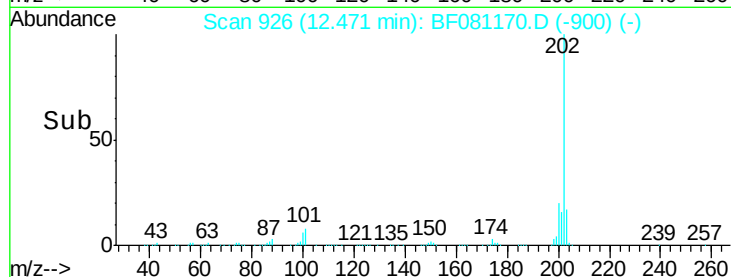
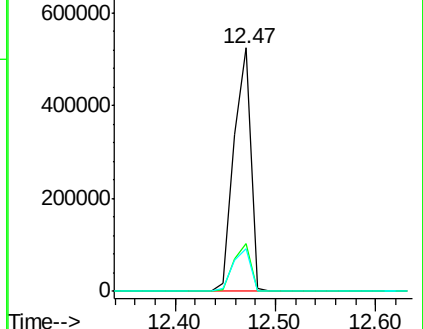
203 17.4 14.1 21.1



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: 63.21 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

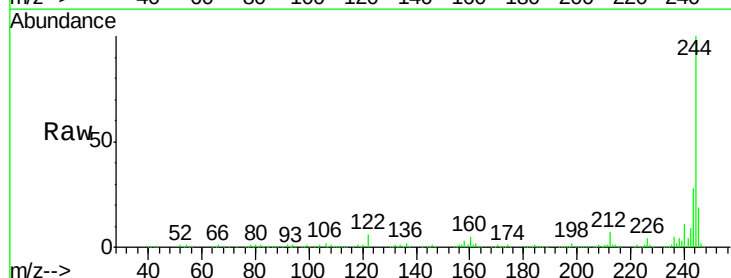
Tgt Ion:244 Resp: 705392

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

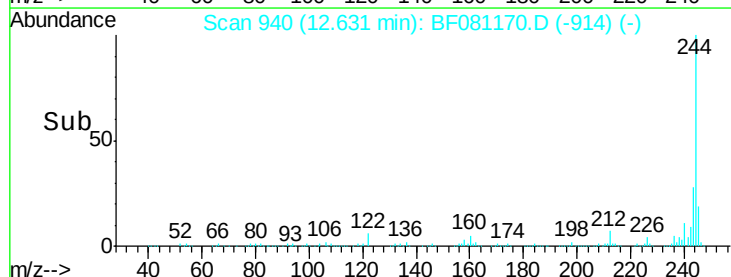
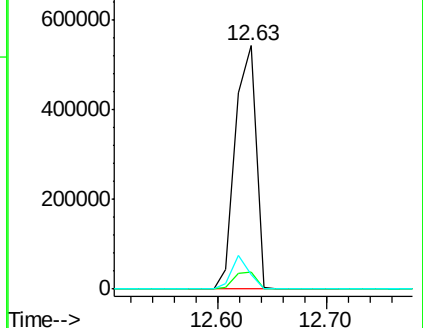
122 6.2 8.2 12.4#

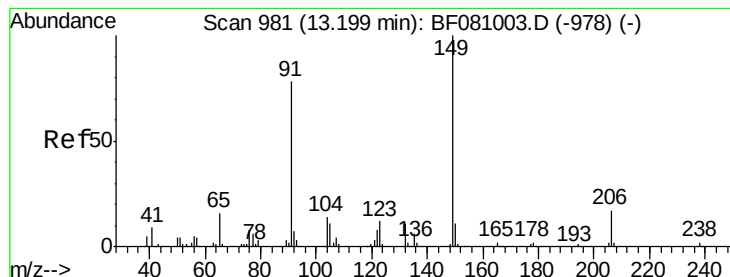


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.48 ng

RT: 13.11 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

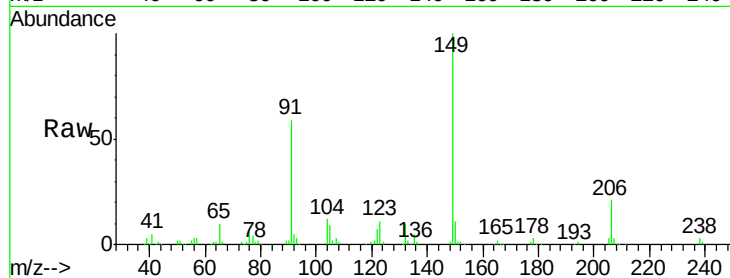
Tgt Ion:149 Resp: 279835

Ion Ratio Lower Upper

149 100

91 59.2 46.9 70.3

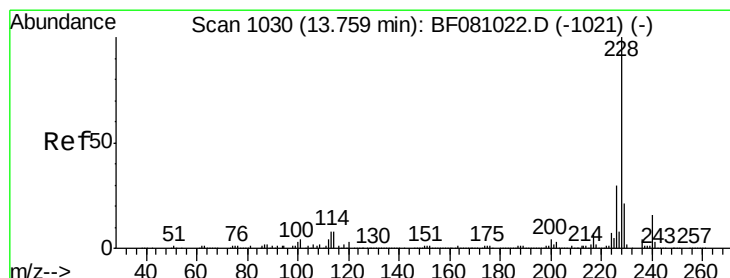
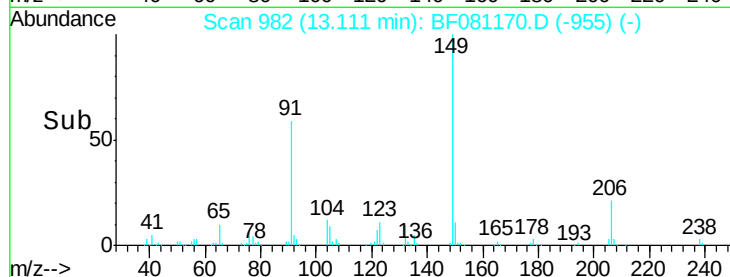
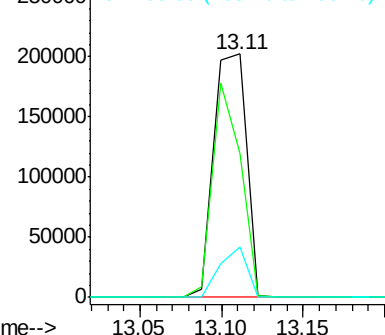
206 20.6 17.0 25.4



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



#80

Benzo(a)anthracene

Concen: 33.31 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

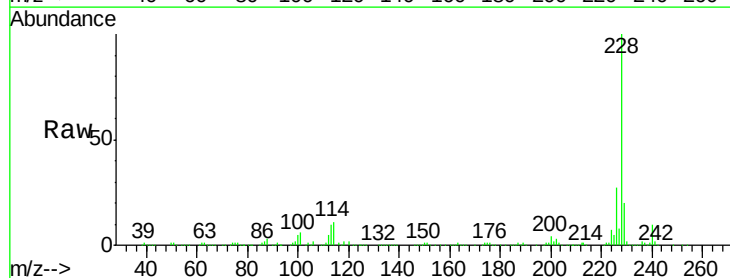
Tgt Ion:228 Resp: 534354

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

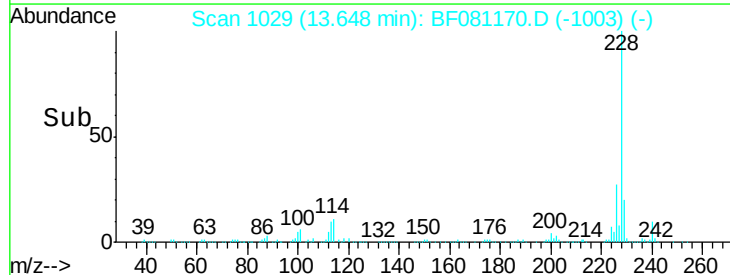
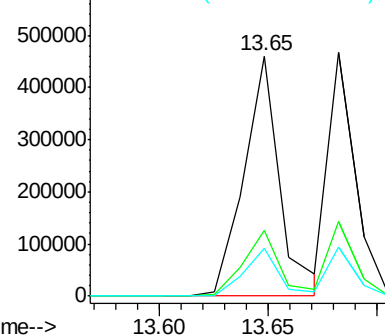
229 19.8 15.9 23.9

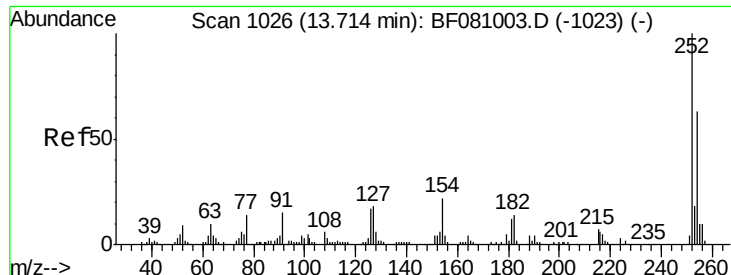


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

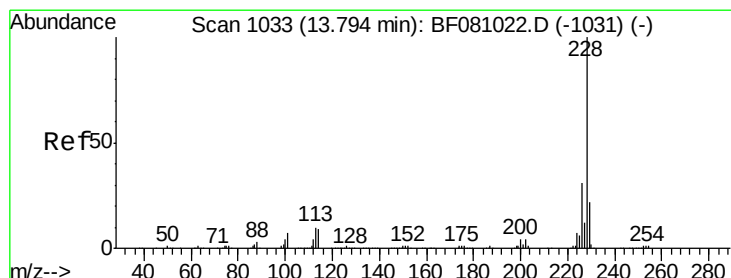
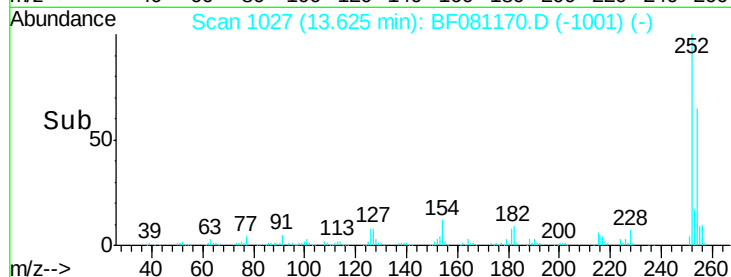
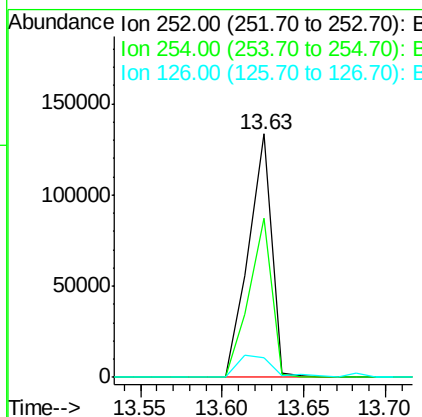
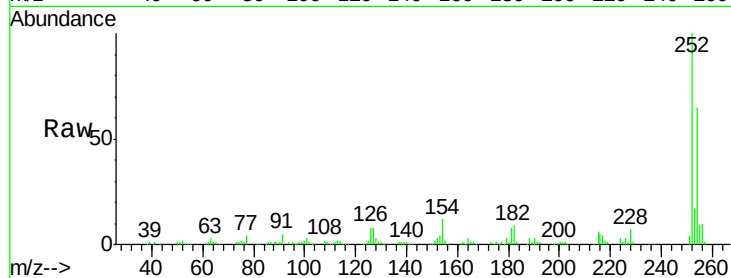




#81
 3,3'-Dichlorobenzidine
 Concen: 25.48 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

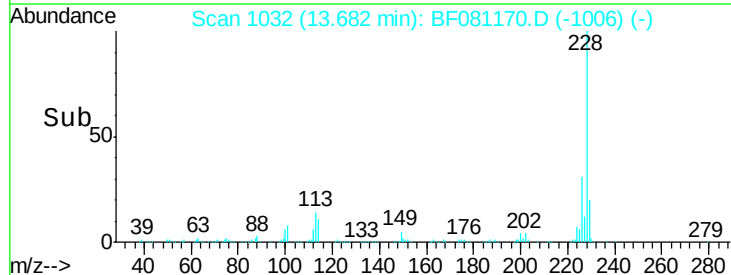
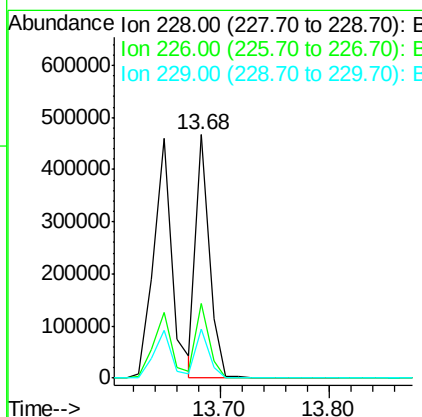
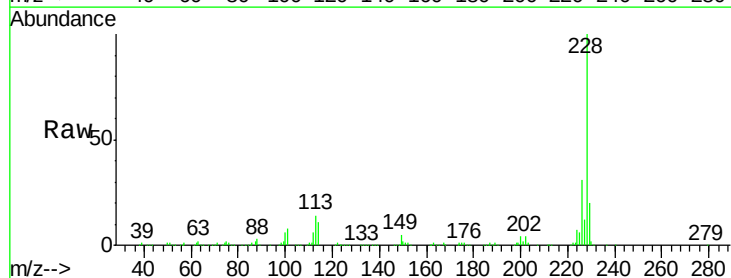
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

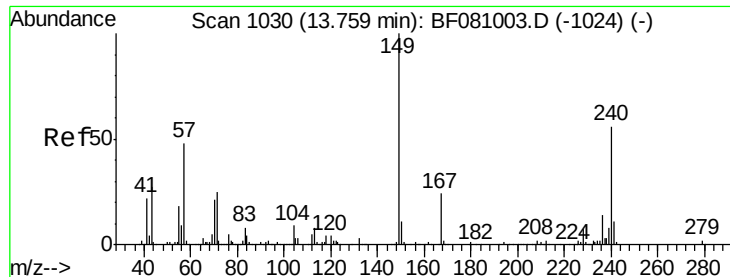
Tgt Ion:252 Resp: 132408
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 8.0 12.5 18.7#



#82
 Chrysene
 Concen: 28.07 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion:228 Resp: 405860
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 20.0 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.86 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

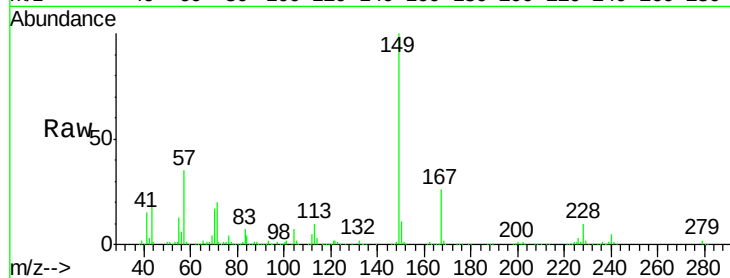
Tgt Ion:149 Resp: 383936

Ion Ratio Lower Upper

149 100

167 25.5 20.7 31.1

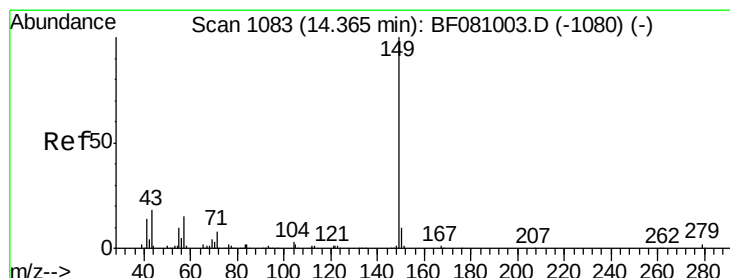
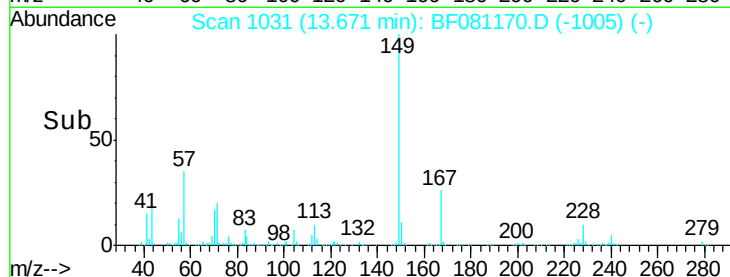
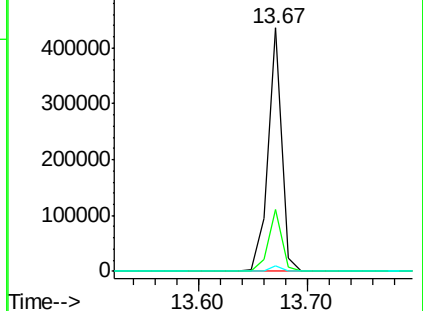
279 2.3 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.24 ng

RT: 14.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

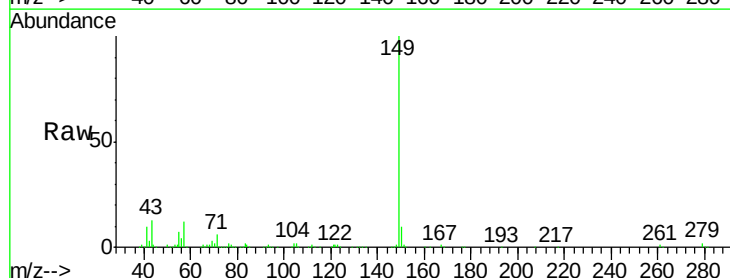
Tgt Ion:149 Resp: 638536

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

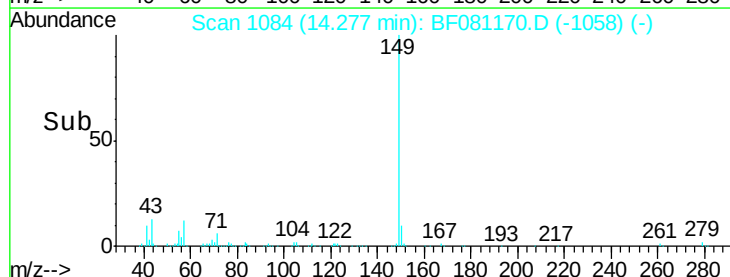
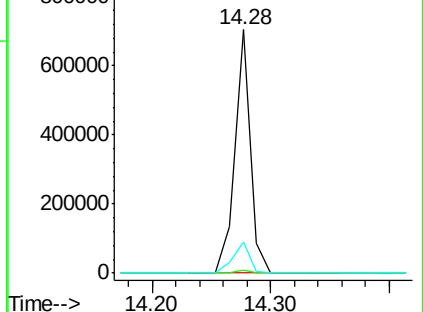
43 13.7 11.6 17.4

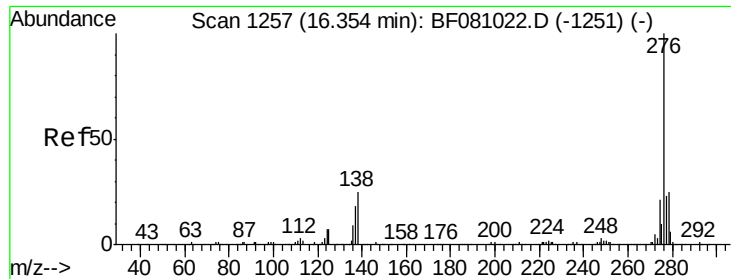


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

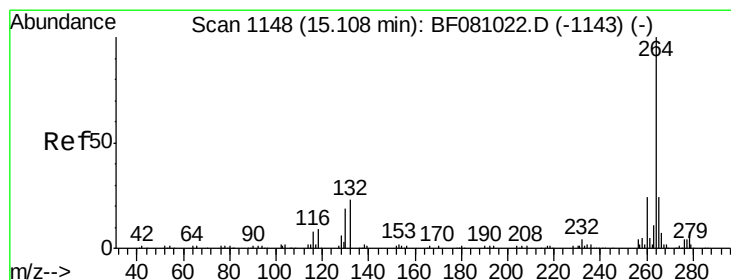
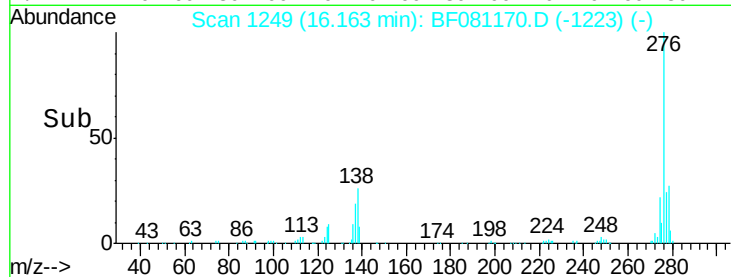
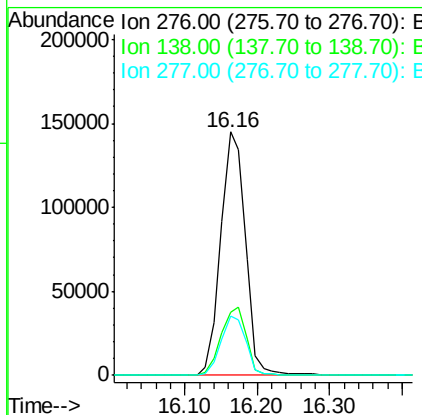
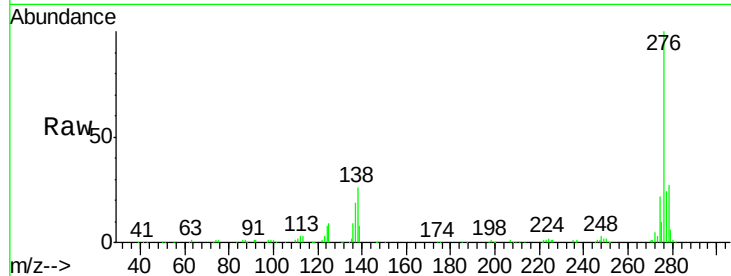




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.93 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

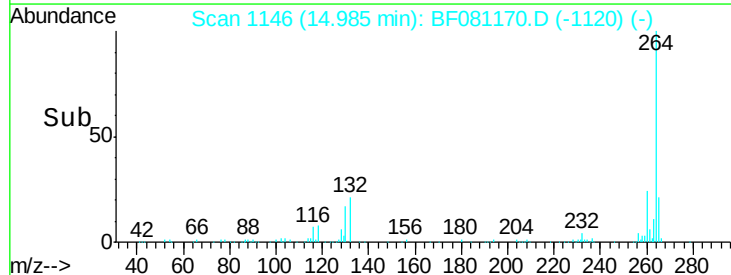
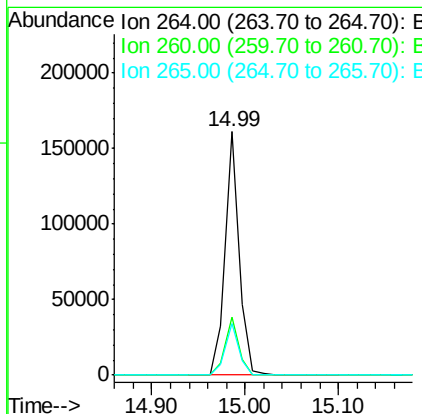
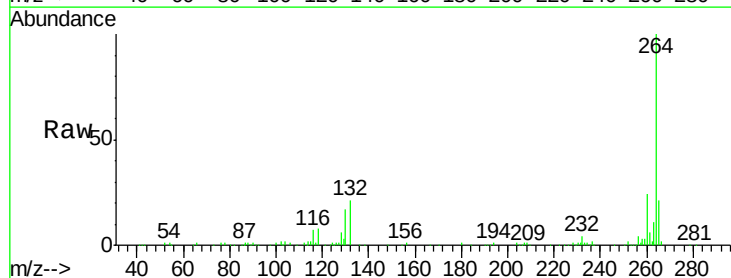
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BS

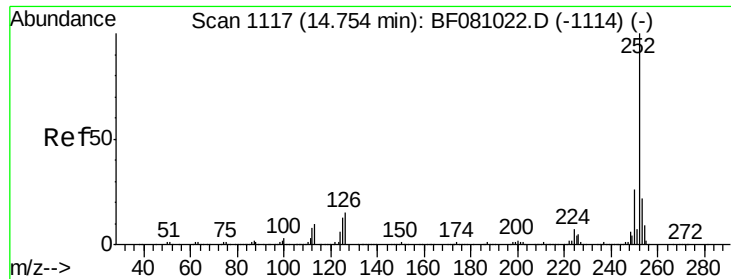
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081170.D
 Acq: 24 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 68.70 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

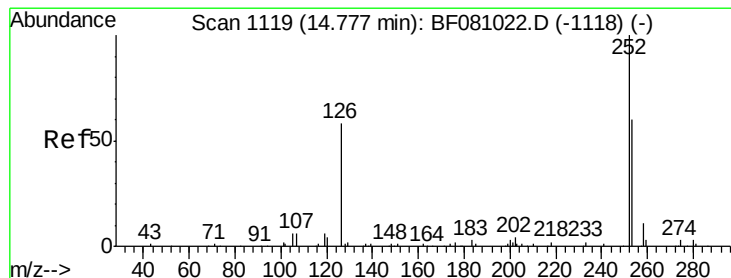
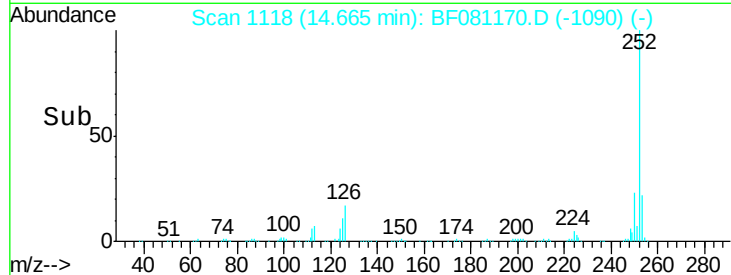
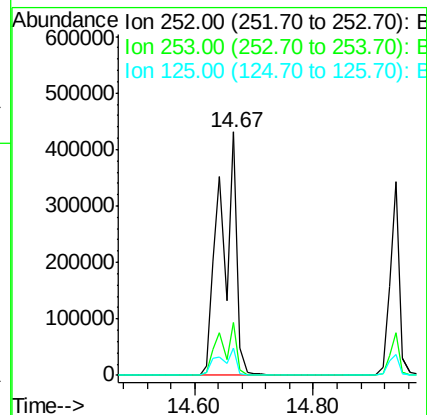
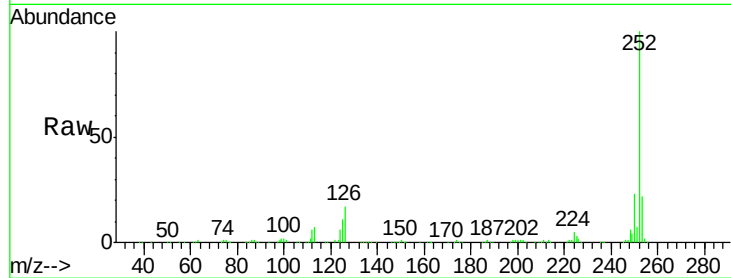
Tgt Ion:252 Resp: 826073

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.5 8.0 12.0



#88

Benzo(k)fluoranthene

Concen: 73.73 ng

RT: 14.67 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

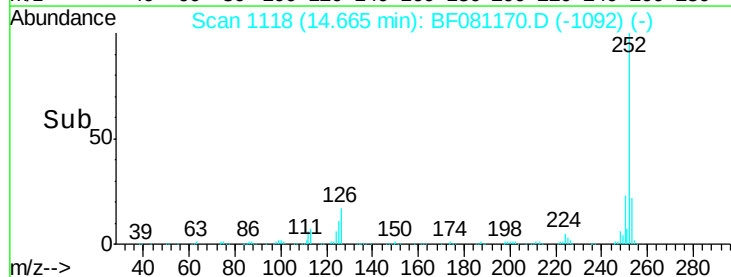
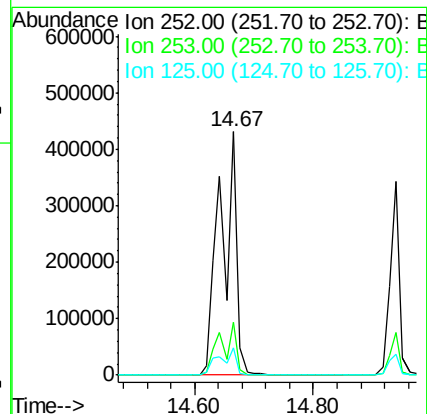
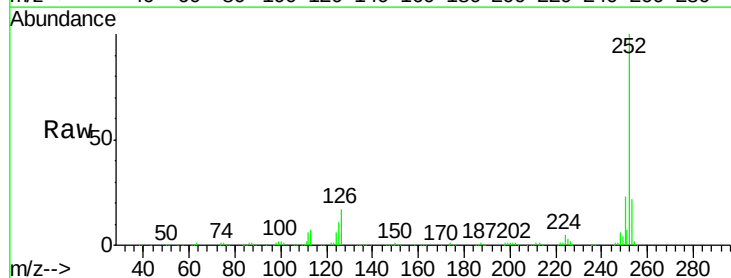
Tgt Ion:252 Resp: 826073

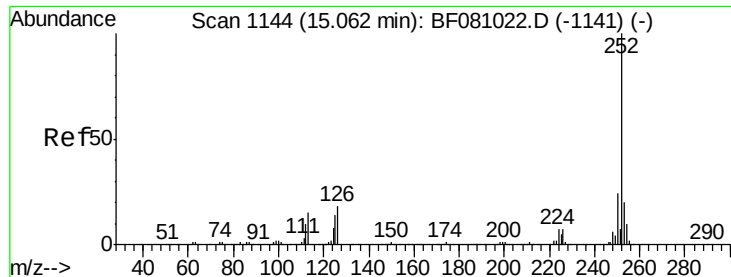
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.5 10.3 15.5





#89

Benzo(a)pyrene

Concen: 36.77 ng

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

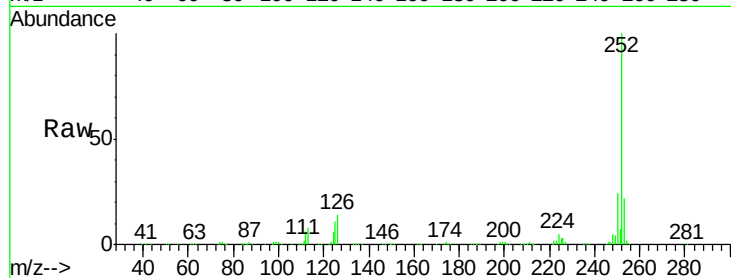
Tgt Ion:252 Resp: 385296

Ion Ratio Lower Upper

252 100

253 22.1 16.6 25.0

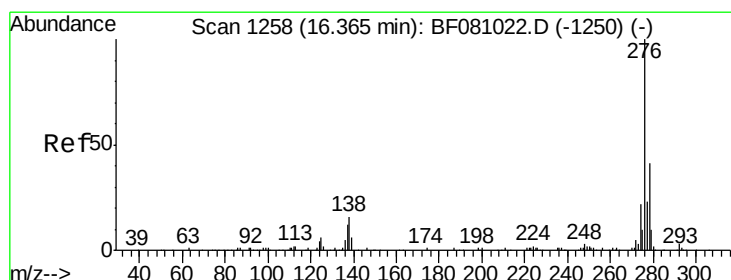
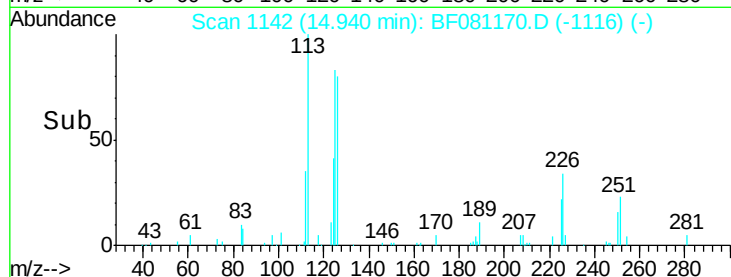
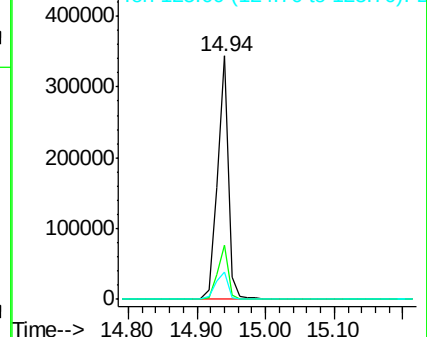
125 11.1 7.8 11.8



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



#90

Dibenzo(a,h)anthracene

Concen: 35.22 ng

RT: 16.19 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

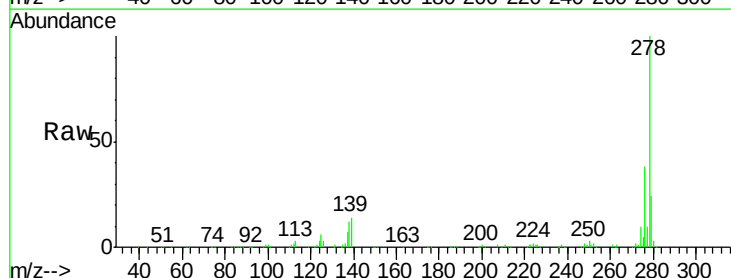
Tgt Ion:278 Resp: 287547

Ion Ratio Lower Upper

278 100

139 13.9 10.8 16.2

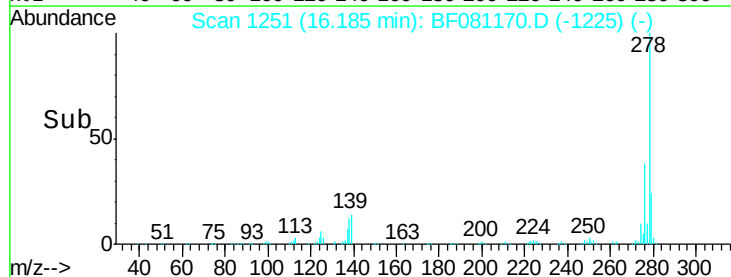
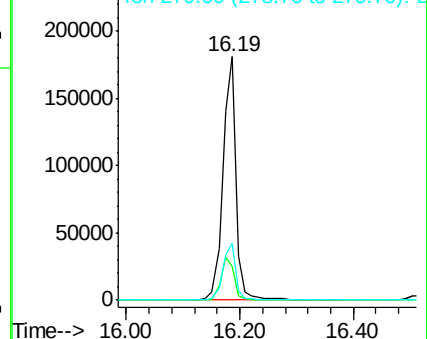
279 23.6 19.0 28.6

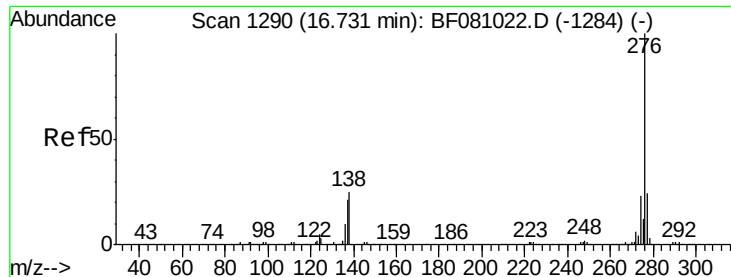


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.68 ng

RT: 16.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF081170.D

Acq: 24 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB85016BS

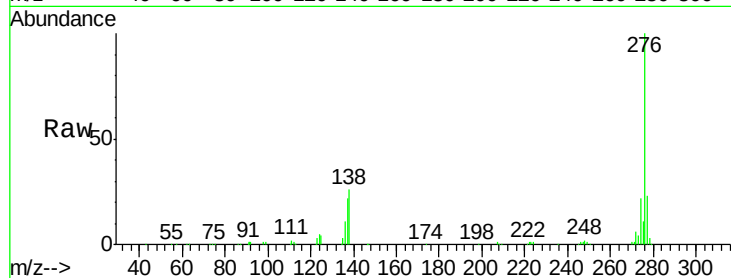
Tgt Ion: 276 Resp: 287225

Ion Ratio Lower Upper

276 100

277 22.7 18.2 27.2

138 25.9 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

