

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080281.D
 Acq On : 1 Jul 2015 20:40
 Operator : TP/UM
 Sample : PB84270BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Quant Time: Jul 02 04:09:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	37311	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	141352	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	73028	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	143831	20.00	ng	0.00
75) Chrysene-d12	14.71	240	145946	20.00	ng	-0.03
86) Perylene-d12	16.54	264	138546	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	294645	136.75	ng	0.00
7) Phenol-d6	6.87	99	366327	126.66	ng	0.00
23) Nitrobenzene-d5	7.82	82	221008	86.09	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	100143	144.02	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	460501	90.76	ng	0.00
78) Terphenyl-d14	13.47	244	534556	85.79	ng	-0.03

Target Compounds						Qvalue
3) Pyridine	3.94	79	100331	37.62	ng	99
4) n-Nitrosodimethylamine	3.85	42	47564	40.04	ng	87
6) Aniline	6.93	93	119001	30.77	ng	# 88
8) 2-Chlorophenol	7.05	128	105165	44.43	ng	98
9) Benzaldehyde	6.81	77	57590	36.44	ng	100
10) Phenol	6.89	94	131253	41.03	ng	83
11) bis(2-Chloroethyl)ether	6.98	93	105402	43.56	ng	97
12) 1,3-Dichlorobenzene	7.21	146	116108	40.19	ng	98
13) 1,4-Dichlorobenzene	7.28	146	118379	41.16	ng	98
14) 1,2-Dichlorobenzene	7.44	146	119962	41.98	ng	99
15) Benzyl Alcohol	7.40	79	95681	42.97	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.53	45	159788	43.04	ng	99
17) 2-Methylphenol	7.50	107	87326	42.68	ng	99
18) Hexachloroethane	7.78	117	38295	42.64	ng	97
19) n-Nitroso-di-n-propylamine	7.66	70	76684	39.88	ng	98
20) 3+4-Methylphenols	7.65	107	115421	42.47	ng	99
22) Acetophenone	7.67	105	150158	45.47	ng	99
24) Nitrobenzene	7.84	77	120433	45.24	ng	100
25) Isophorone	8.08	82	214375	42.97	ng	100
26) 2-Nitrophenol	8.16	139	52993	45.59	ng	98
27) 2,4-Dimethylphenol	8.18	122	95984	44.98	ng	100
28) bis(2-Chloroethoxy)methane	8.29	93	132886	44.38	ng	99
29) 2,4-Dichlorophenol	8.40	162	93639	47.51	ng	99
30) 1,2,4-Trichlorobenzene	8.49	180	93641	40.72	ng	99
31) Naphthalene	8.58	128	293128	40.71	ng	100
32) Benzoic acid	8.25	122	29979	61.39	ng	90
33) 4-Chloroaniline	8.62	127	61917	20.27	ng	98
34) Hexachlorobutadiene	8.70	225	60408	41.71	ng	97
35) Caprolactam	8.95	113	26668	44.59	ng	96
36) 4-Chloro-3-methylphenol	9.09	107	101625	47.62	ng	95
37) 2-Methylnaphthalene	9.27	142	214989	43.60	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	100694	41.43	ng	98
40) Hexachlorocyclopentadiene	9.43	237	84137	87.15	ng	98
42) 2,4,6-Trichlorophenol	9.54	196	65357	42.48	ng	96

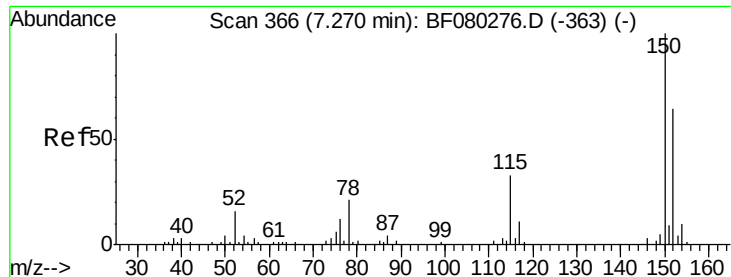
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080281.D
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 Operator : TP/UM
 Sample : PB84270BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	69763	42.09	ng	98
45) 1,1'-Biphenyl	9.74	154	262749	42.31	ng	100
46) 2-Chloronaphthalene	9.76	162	197090	41.00	ng	98
47) 2-Nitroaniline	9.85	65	61702	44.63	ng	97
48) Acenaphthylene	10.18	152	338178	40.51	ng	99
49) Dimethylphthalate	10.02	163	251582	45.10	ng	100
50) 2,6-Dinitrotoluene	10.09	165	50430	44.22	ng	96
51) Acenaphthene	10.36	154	213745	44.47	ng	98
52) 3-Nitroaniline	10.26	138	37608	28.75	ng	98
53) 2,4-Dinitrophenol	10.37	184	38722	82.31	ng	# 1
54) Dibenzofuran	10.53	168	292578	43.13	ng	100
55) 4-Nitrophenol	10.41	139	84737	87.63	ng	# 61
56) 2,4-Dinitrotoluene	10.49	165	67356	45.55	ng	91
57) Fluorene	10.88	166	238854	42.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.64	232	57968	44.88	ng	98
59) Diethylphthalate	10.73	149	228744	43.14	ng	# 91
60) 4-Chlorophenyl-phenylether	10.86	204	109322	42.97	ng	97
61) 4-Nitroaniline	10.87	138	51283	38.57	ng	97
62) Azobenzene	11.02	77	224049	41.08	ng	98
64) 4,6-Dinitro-2-methylphenol	10.92	198	28055	46.70	ng	# 42
65) n-Nitrosodiphenylamine	10.97	169	201082	42.55	ng	99
66) 4-Bromophenyl-phenylether	11.36	248	67991	43.74	ng	96
67) Hexachlorobenzene	11.44	284	71984	43.21	ng	97
68) Atrazine	11.50	200	64544	45.17	ng	98
69) Pentachlorophenol	11.62	266	76336	84.07	ng	98
70) Phenanthrene	11.85	178	375297	43.55	ng	100
71) Anthracene	11.90	178	357647	43.26	ng	99
72) Carbazole	12.05	167	318898	41.24	ng	# 97
73) Di-n-butylphthalate	12.37	149	348105	41.96	ng	99
74) Fluoranthene	13.08	202	393677	44.22	ng	99
76) Benzidine	13.19	184	201538	47.16	ng	99
77) Pyrene	13.33	202	402292	43.06	ng	99
79) Butylbenzylphthalate	13.99	149	160748	44.88	ng	# 84
80) Benzo(a)anthracene	14.69	228	364320	41.31	ng	99
81) 3,3'-Dichlorobenzidine	14.63	252	65098	22.61	ng	# 96
82) Chrysene	14.73	228	340464	41.87	ng	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	226580	44.94	ng	98
84) Di-n-octyl phthalate	15.45	149	373613	43.98	ng	98
85) Indeno(1,2,3-cd)pyrene	18.33	276	360198	39.40	ng	99
87) Benzo(b)fluoranthene	16.01	252	383210	43.79	ng	100
88) Benzo(k)fluoranthene	16.05	252	309651	37.57	ng	99
89) Benzo(a)pyrene	16.46	252	327937	41.12	ng	98
90) Dibenzo(a,h)anthracene	18.36	278	297567	39.77	ng	98
91) Benzo(g,h,i)perylene	18.87	276	305517	39.14	ng	97

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

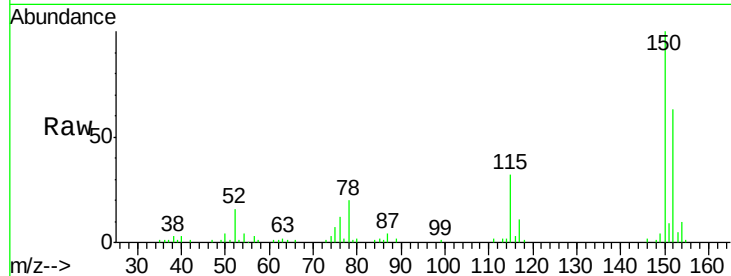


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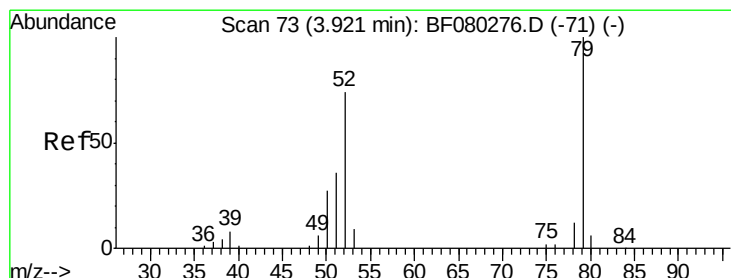
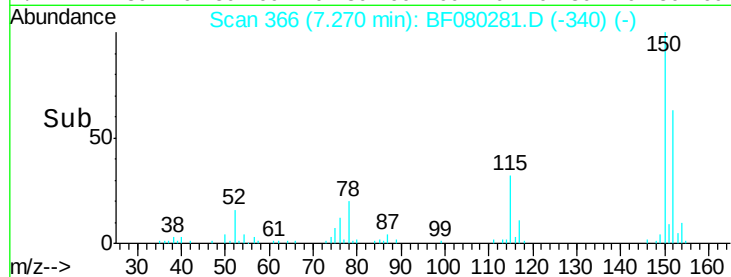
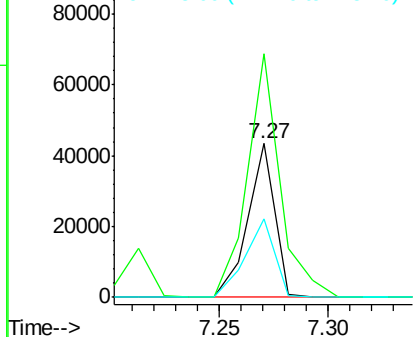
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.27 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion: 152 Resp: 37311
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.7 187.1
 115 50.8 41.0 61.6



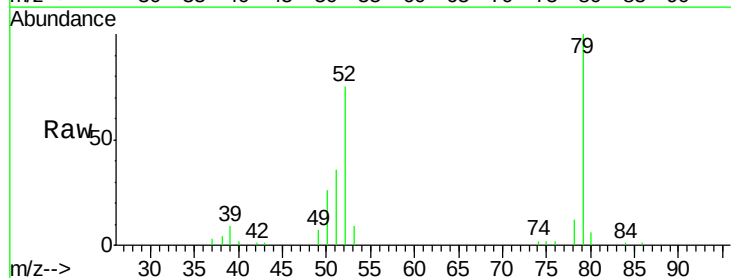
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



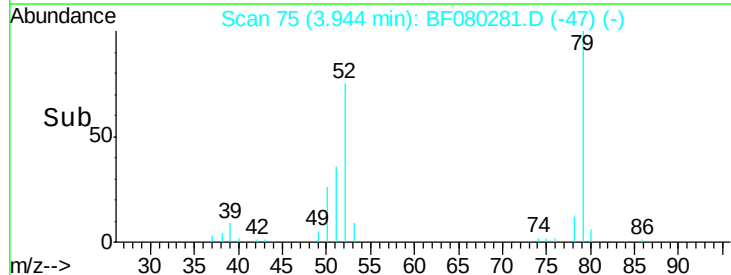
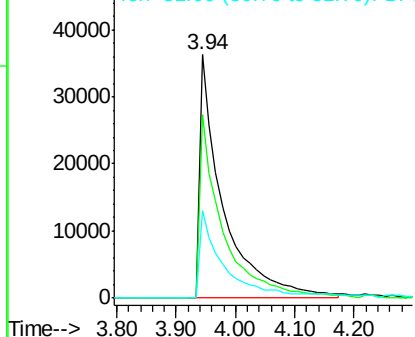
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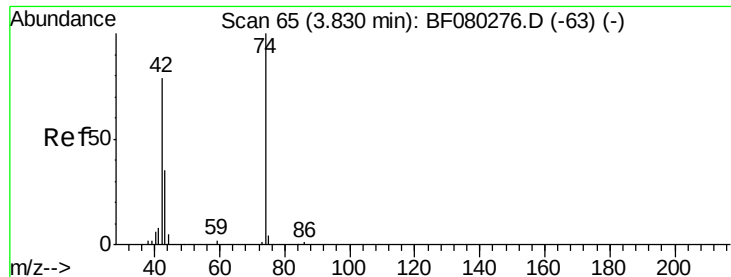
Pyridine
 Concen: 37.62 ng
 RT: 3.94 min Scan# 75
 Delta R.T. 0.02 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion: 79 Resp: 100331
 Ion Ratio Lower Upper
 79 100
 52 75.1 59.3 88.9
 51 35.9 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0



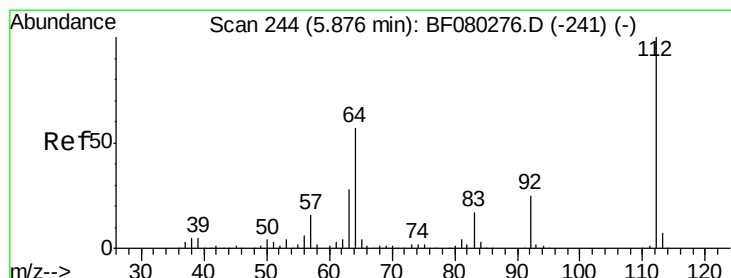
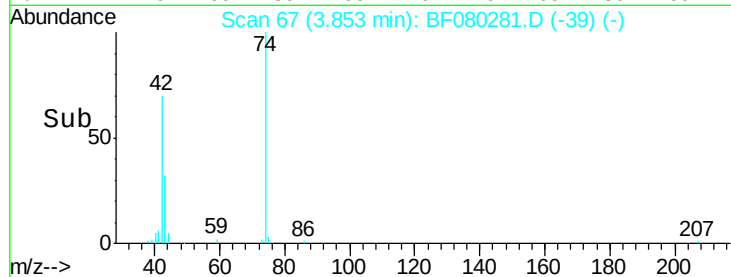
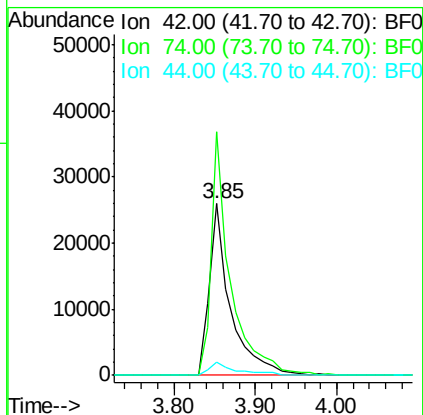
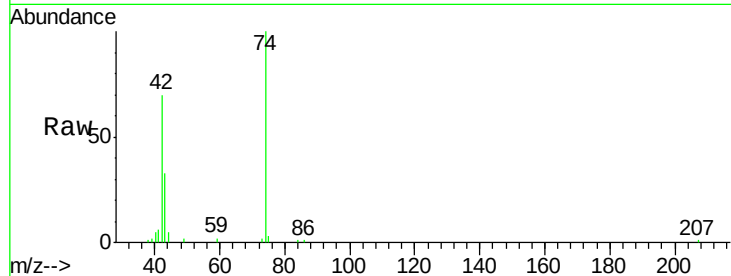


#4

n-Nitrosodimethylamine
 Concen: 40.04 ng
 RT: 3.85 min Scan# 67
 Delta R.T. 0.02 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

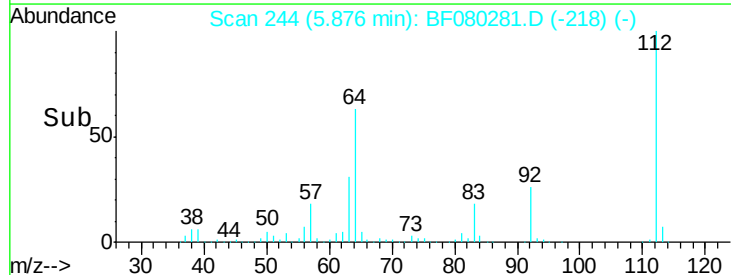
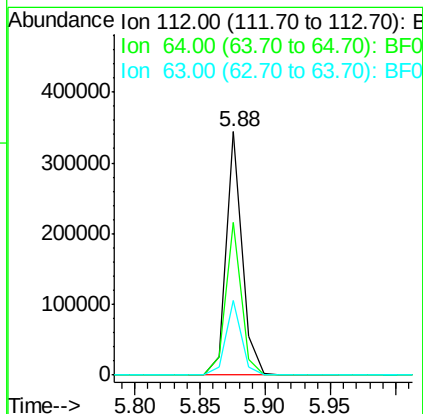
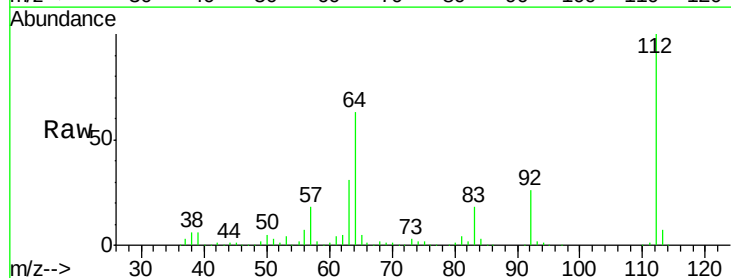
Tgt Ion: 42 Resp: 47564
 Ion Ratio Lower Upper
 42 100
 74 142.1 101.4 152.2
 44 7.7 6.3 9.5

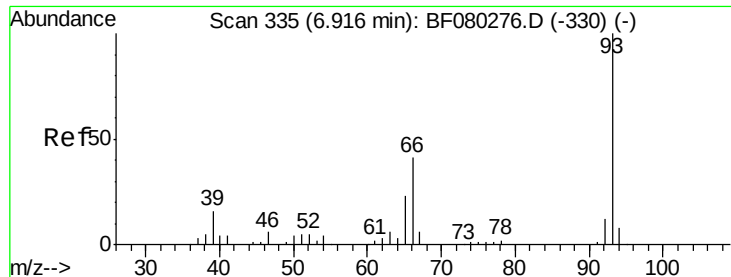


#5

2-Fluorophenol
 Concen: 136.75 ng
 RT: 5.88 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion: 112 Resp: 294645
 Ion Ratio Lower Upper
 112 100
 64 62.6 45.5 68.3
 63 30.9 22.4 33.6





#6

Aniline

Concen: 30.77 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

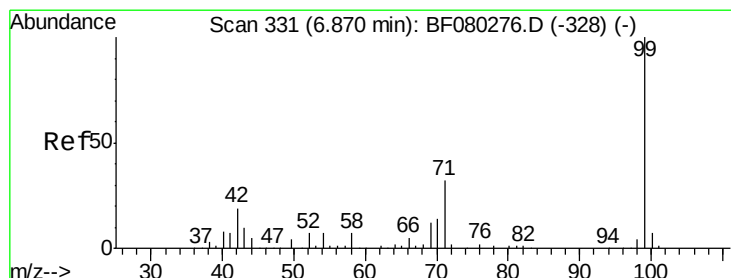
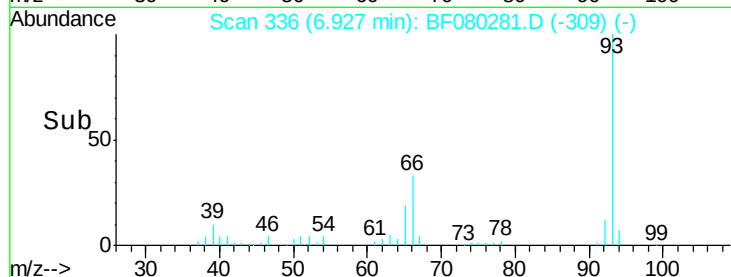
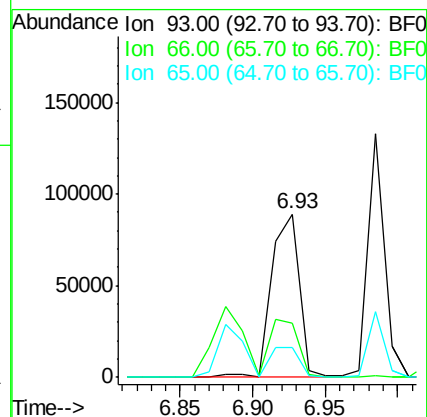
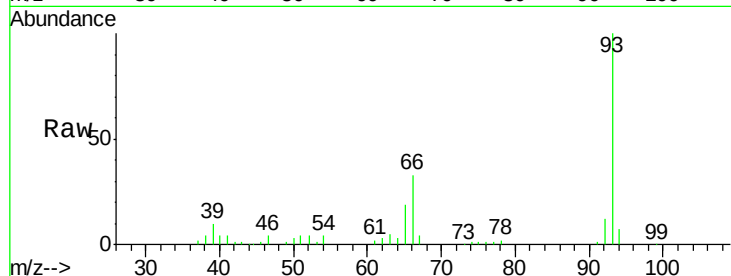
Tgt Ion: 93 Resp: 119001

Ion Ratio Lower Upper

93 100

66 33.1 33.7 50.5#

65 18.5 18.3 27.5



#7

Phenol-d6

Concen: 126.66 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

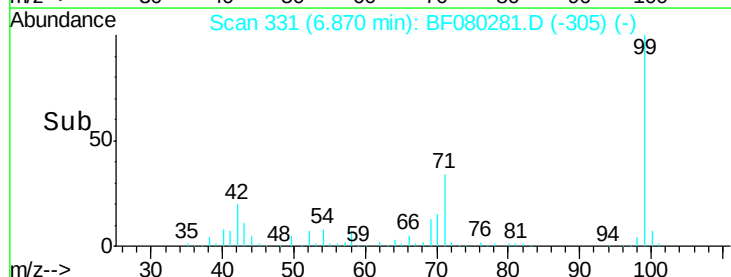
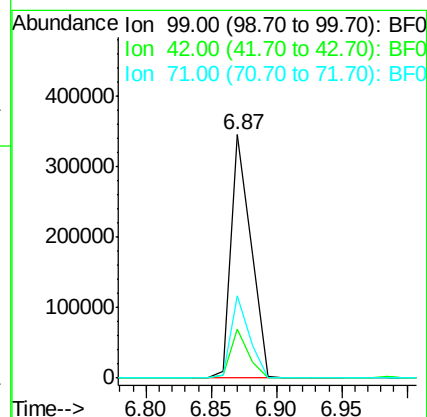
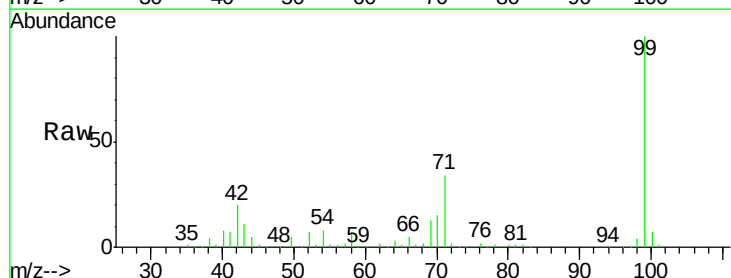
Tgt Ion: 99 Resp: 366327

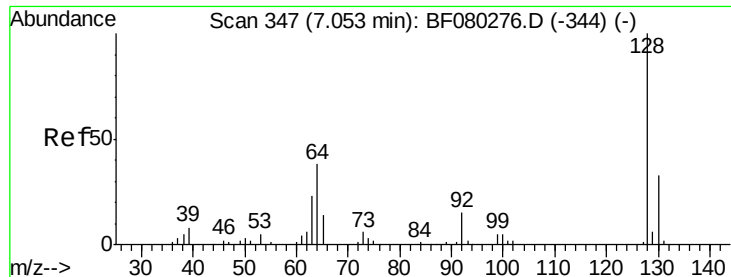
Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.2

71 33.6 25.8 38.8





#8

2-Chlorophenol

Concen: 44.43 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

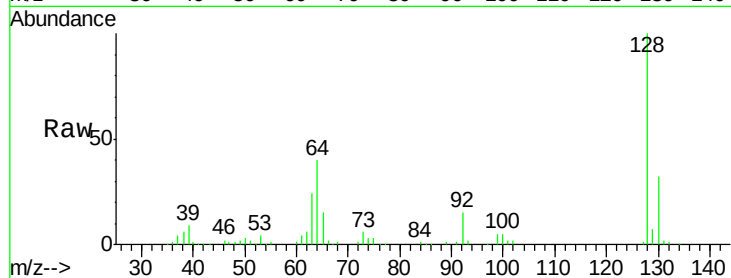
Tgt Ion: 128 Resp: 105165

Ion Ratio Lower Upper

128 100

130 32.4 13.4 53.4

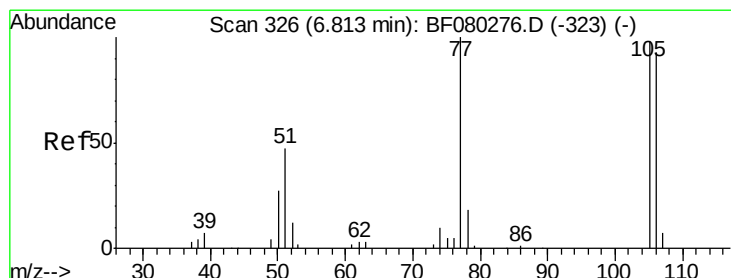
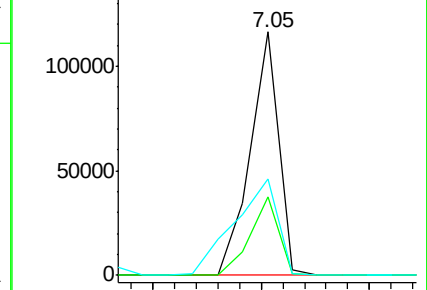
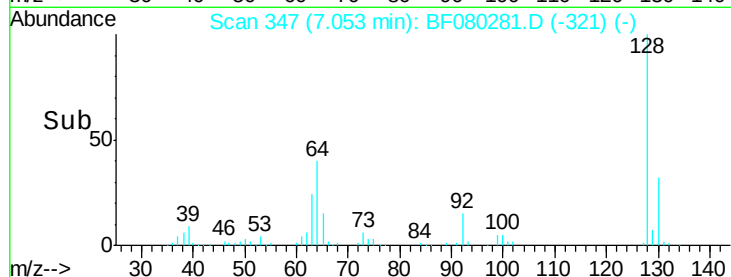
64 39.6 18.5 58.5



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: 36.44 ng

RT: 6.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

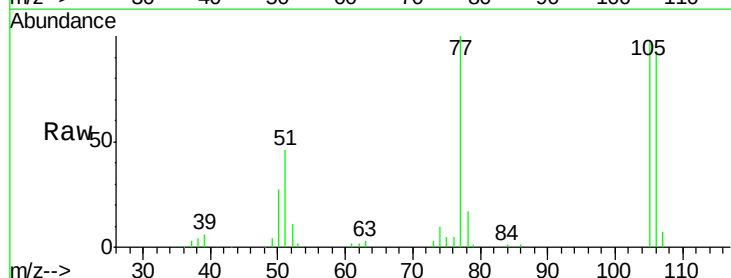
Tgt Ion: 77 Resp: 57590

Ion Ratio Lower Upper

77 100

105 98.2 78.2 118.2

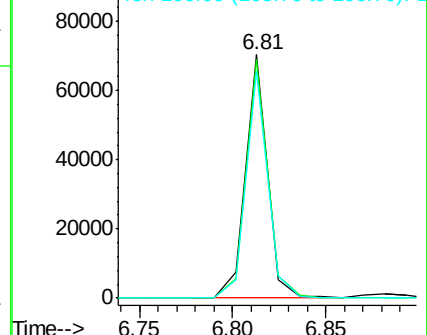
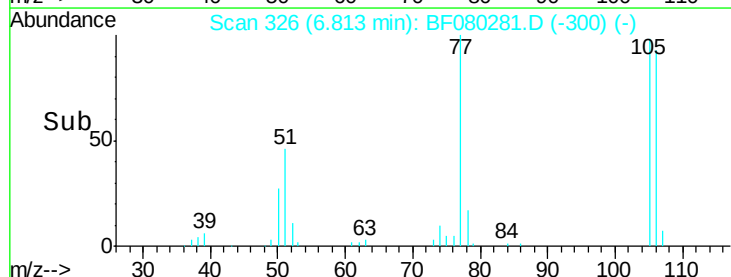
106 93.2 72.5 112.5

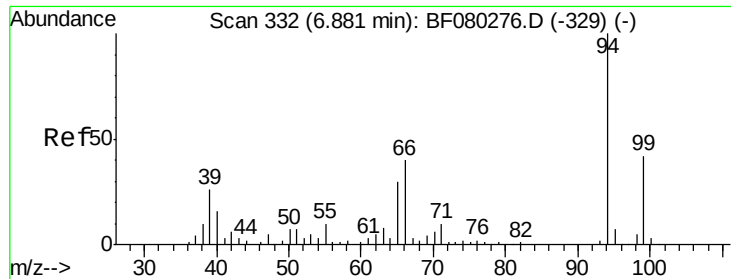


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.03 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

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PB84270BS

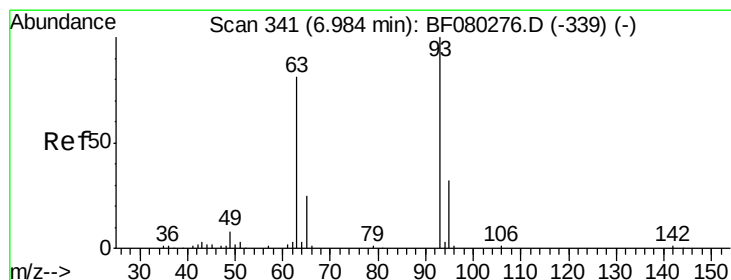
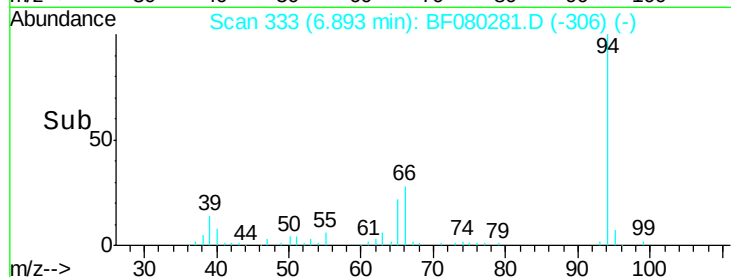
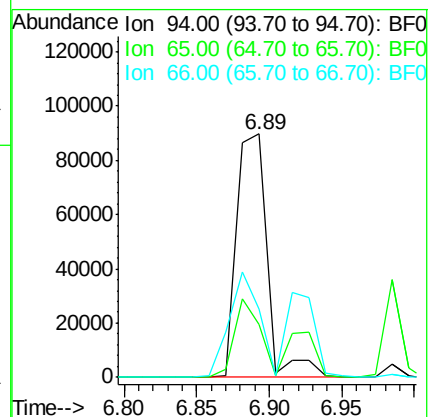
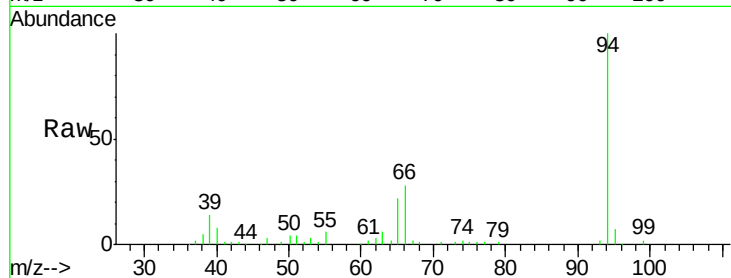
Tgt Ion: 94 Resp: 131253

Ion Ratio Lower Upper

94 100

65 21.7 9.6 49.6

66 28.2 19.7 59.7



#11

bis(2-Chloroethyl)ether

Concen: 43.56 ng

RT: 6.98 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

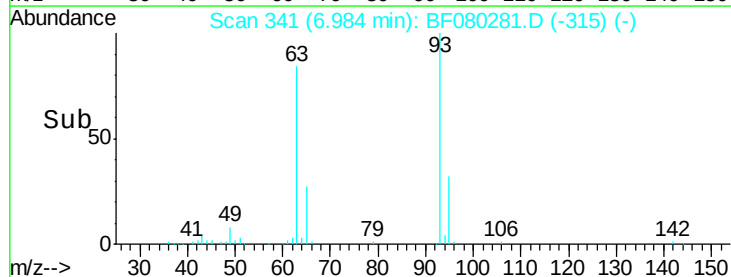
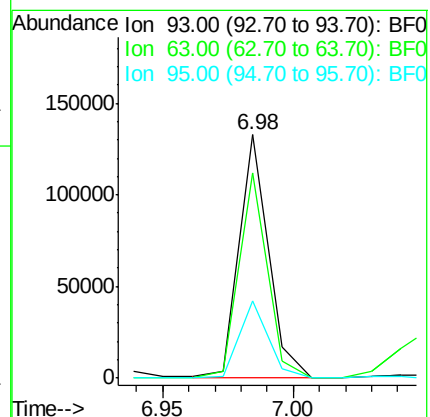
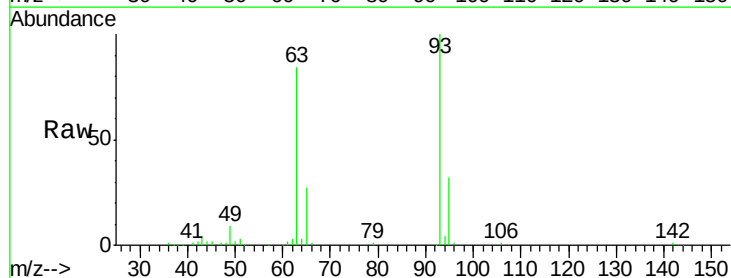
Tgt Ion: 93 Resp: 105402

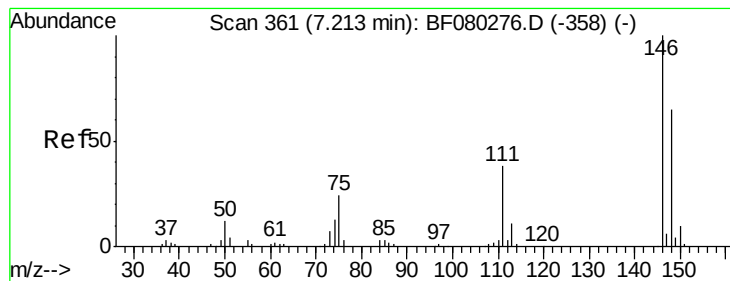
Ion Ratio Lower Upper

93 100

63 84.2 61.0 101.0

95 31.8 12.0 52.0





#12

1,3-Dichlorobenzene

Concen: 40.19 ng

RT: 7.21 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

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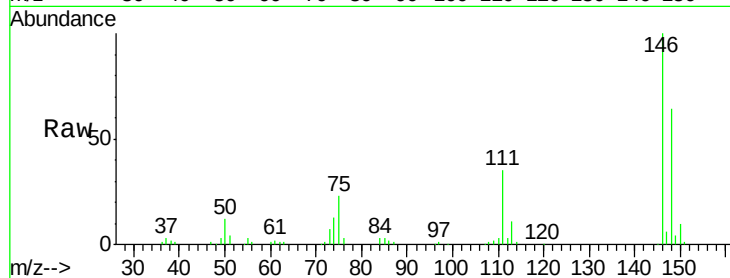
Tgt Ion:146 Resp: 116108

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

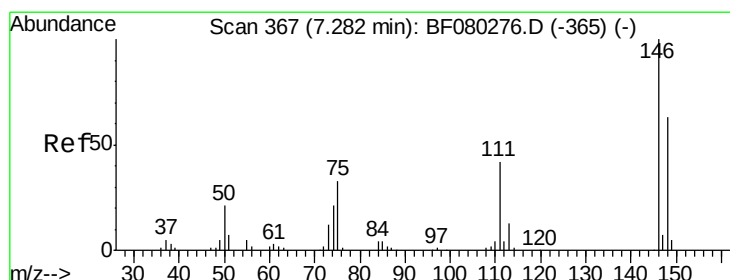
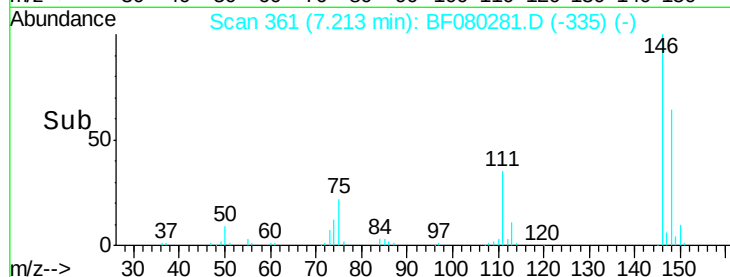
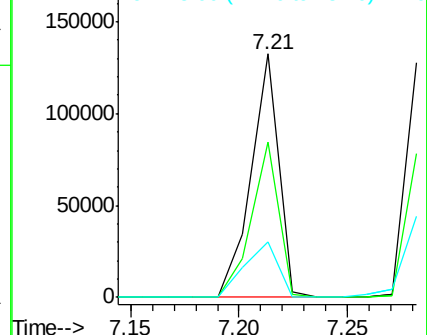
75 22.8 19.4 29.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 41.16 ng

RT: 7.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

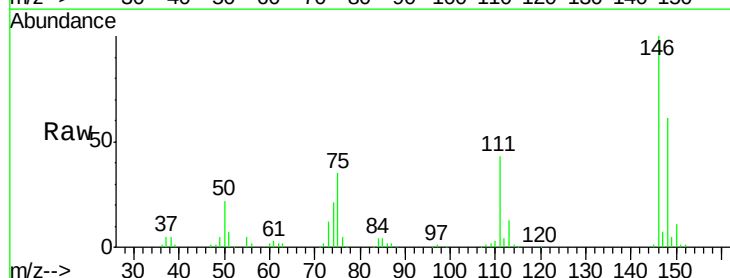
Tgt Ion:146 Resp: 118379

Ion Ratio Lower Upper

146 100

148 61.2 50.2 75.2

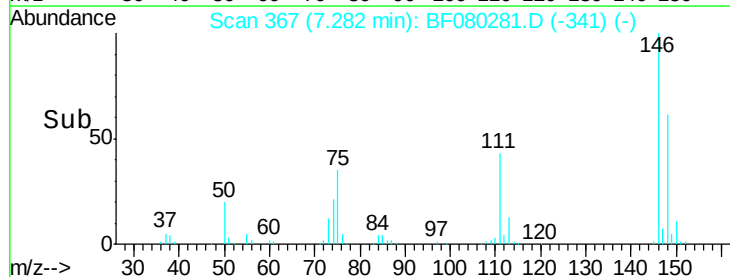
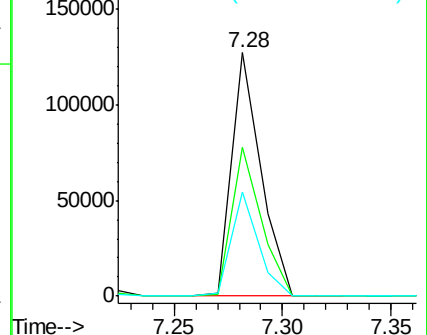
111 42.9 33.8 50.8

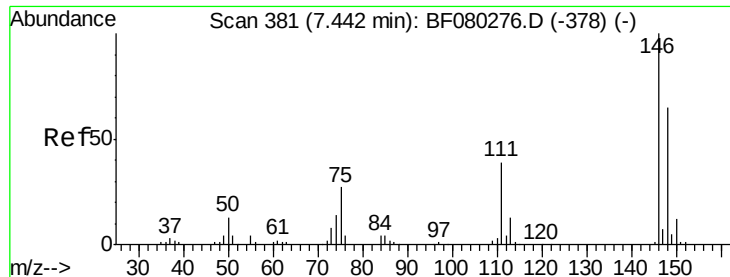


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

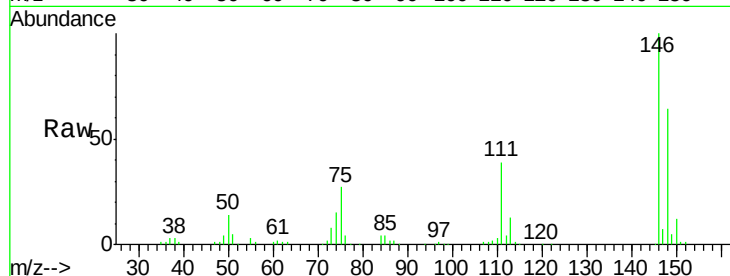




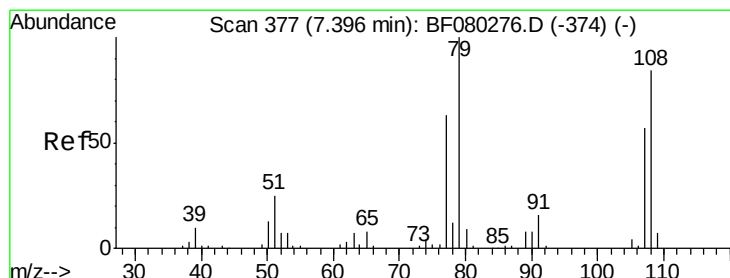
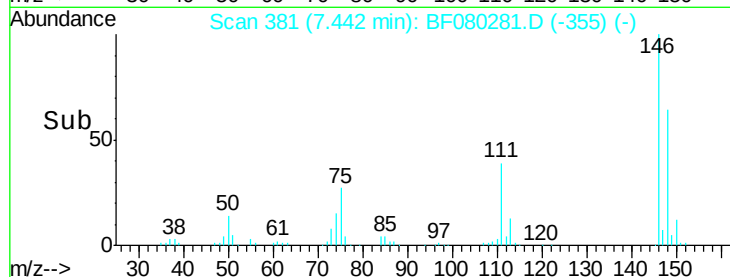
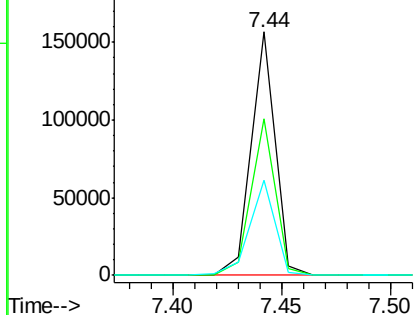
#14
1,2-Dichlorobenzene
Concen: 41.98 ng
RT: 7.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:146 Resp: 119962
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 39.0 31.6 47.4

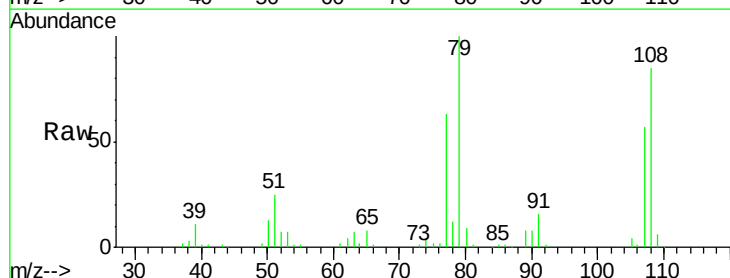


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

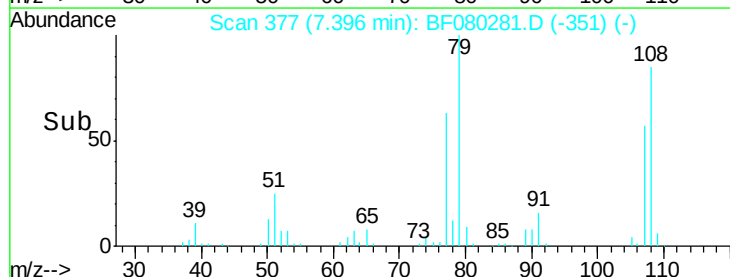
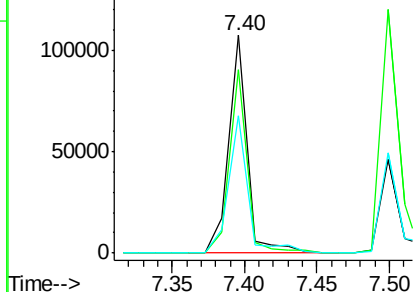


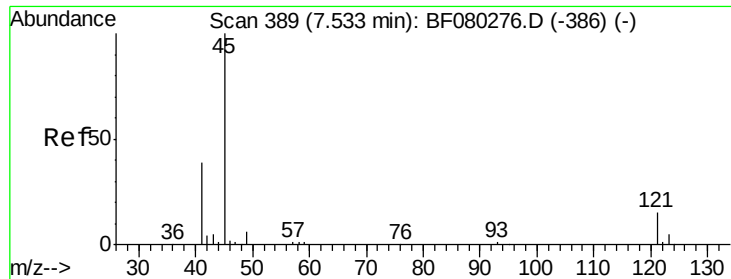
#15
Benzyl Alcohol
Concen: 42.97 ng
RT: 7.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion: 79 Resp: 95681
Ion Ratio Lower Upper
79 100
108 84.5 67.1 100.7
77 63.2 50.7 76.1



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

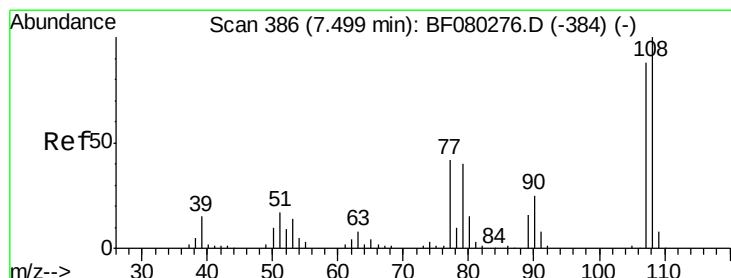
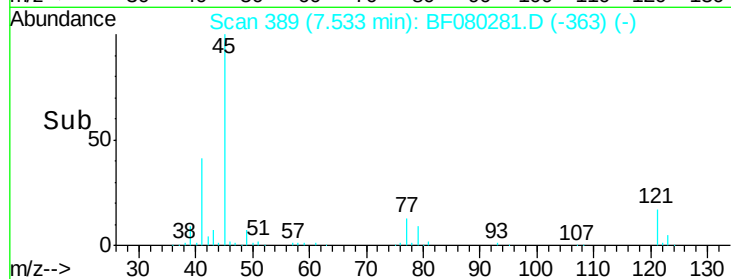
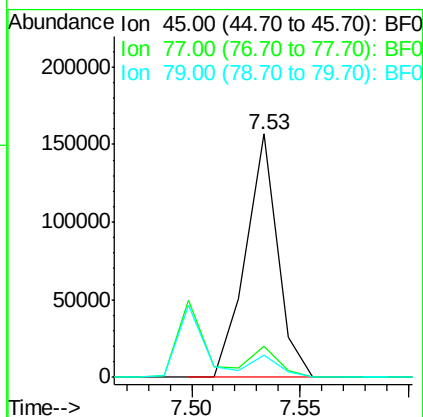
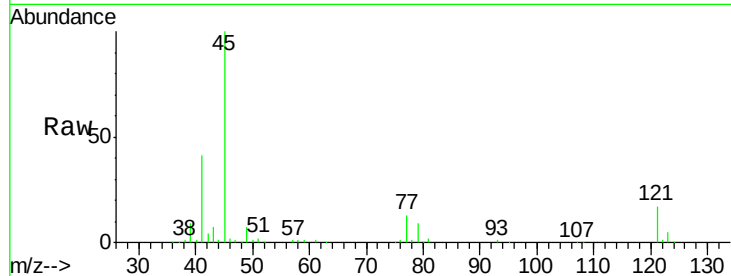




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 43.04 ng
 RT: 7.53 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

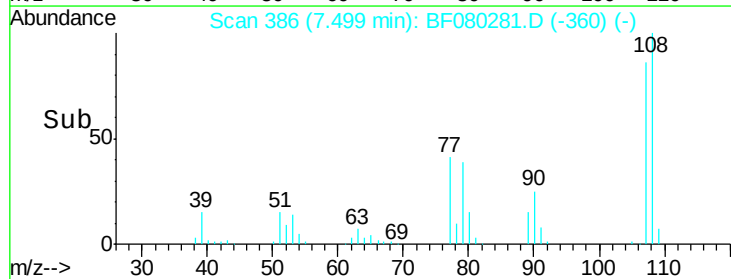
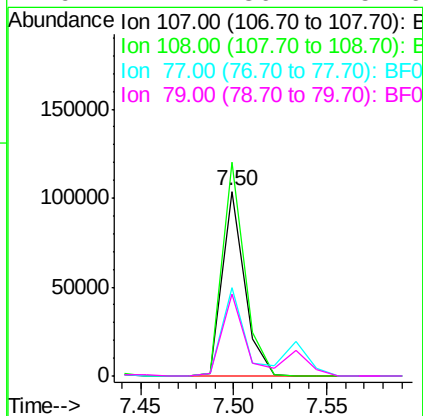
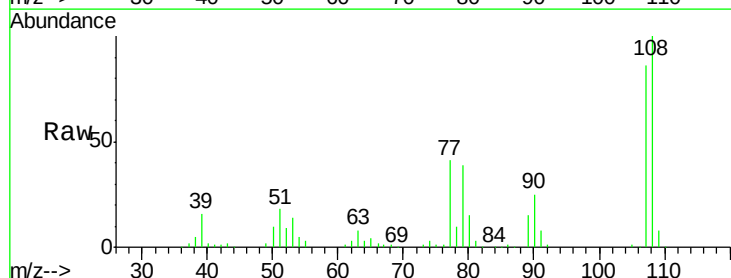
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

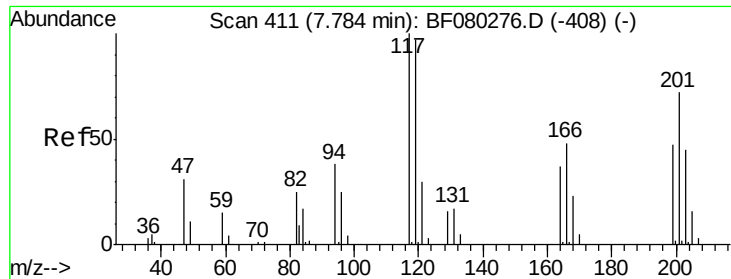
Tgt Ion: 45 Resp: 159788
 Ion Ratio Lower Upper
 45 100
 77 12.5 0.0 32.0
 79 9.2 0.0 29.3



#17
 2-Methylphenol
 Concen: 42.68 ng
 RT: 7.50 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion: 107 Resp: 87326
 Ion Ratio Lower Upper
 107 100
 108 115.7 90.6 136.0
 77 47.5 38.0 57.0
 79 44.7 36.4 54.6

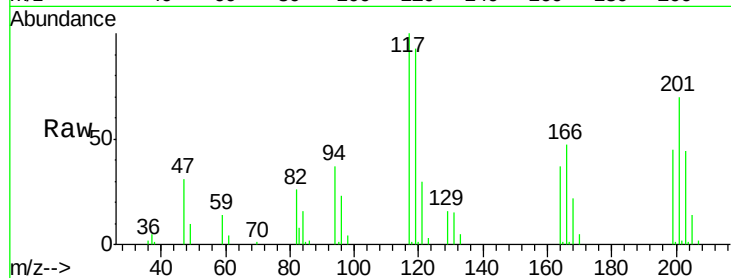




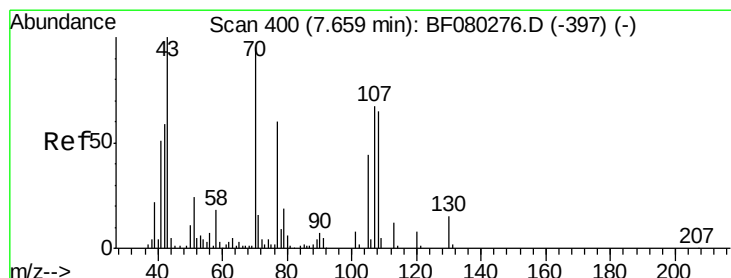
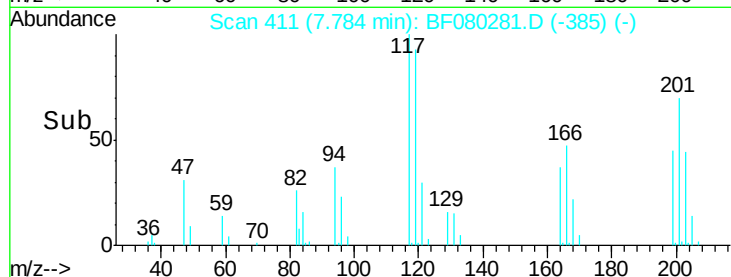
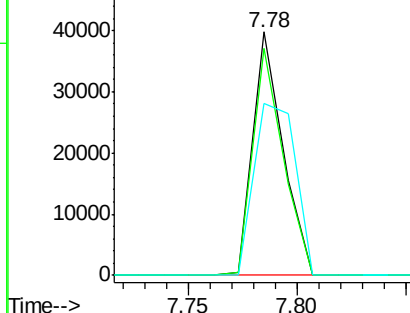
#18
Hexachloroethane
Concen: 42.64 ng
RT: 7.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion: 117 Resp: 38295
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
201 70.4 57.5 86.3



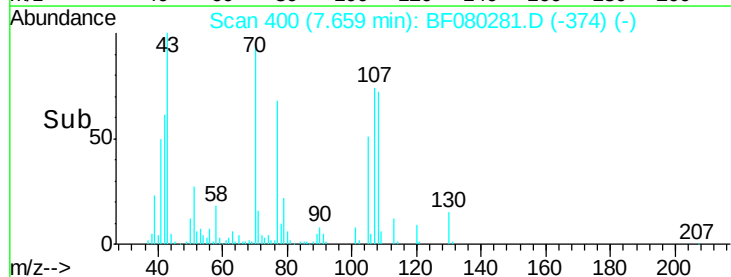
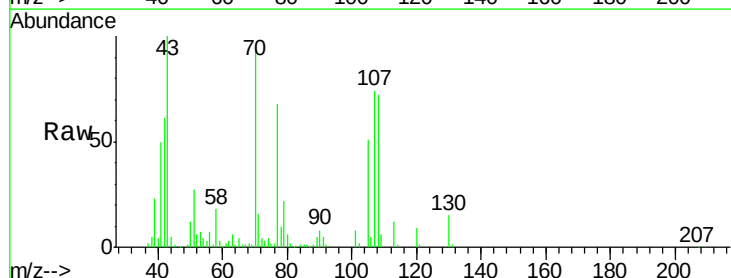
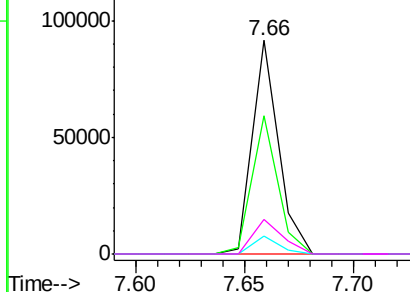
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

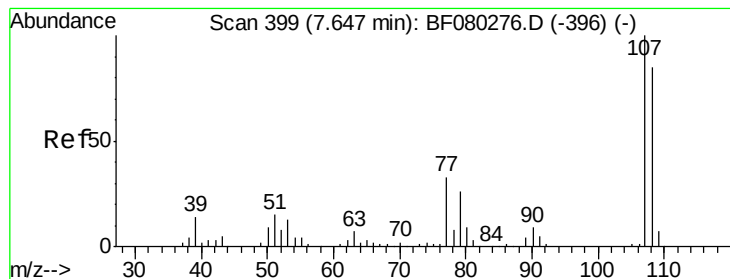


#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 7.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion: 70 Resp: 76684
Ion Ratio Lower Upper
70 100
42 64.9 49.8 74.8
101 8.5 6.8 10.2
130 16.0 13.0 19.4

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.47 ng

RT: 7.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

Tgt Ion:107 Resp: 115421

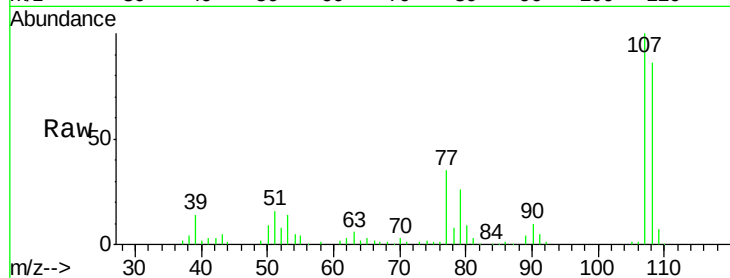
Ion Ratio Lower Upper

107 100

108 86.0 64.9 104.9

77 34.5 12.9 52.9

79 26.0 5.8 45.8

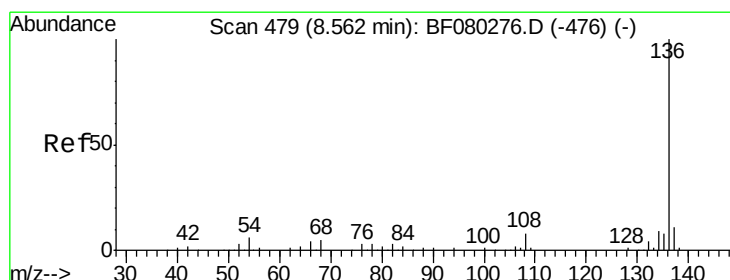
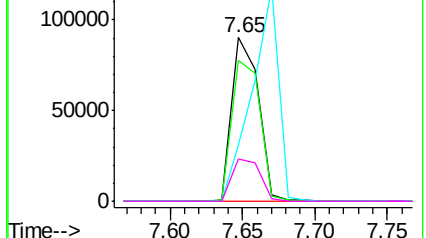
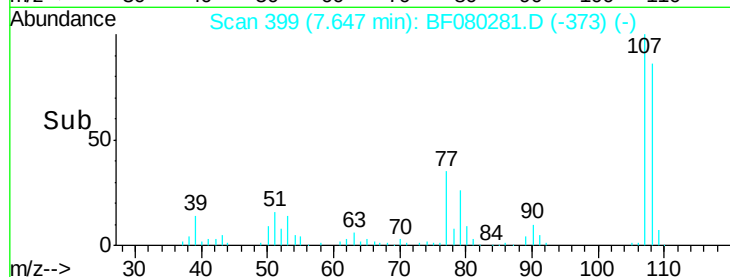


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Tgt Ion:136 Resp: 141352

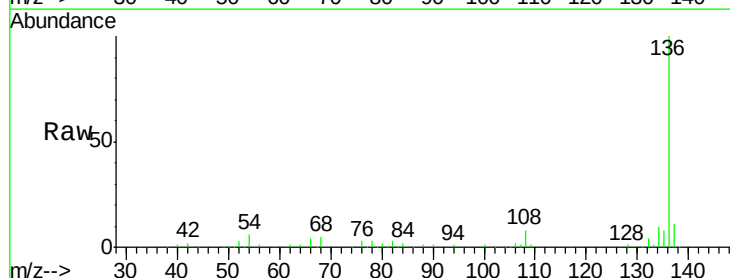
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 5.8 4.9 7.3

68 4.6 4.0 6.0

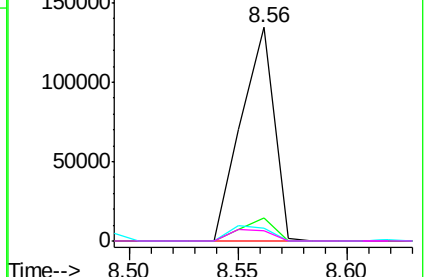
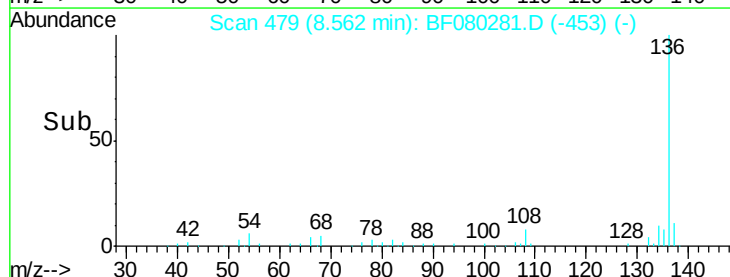


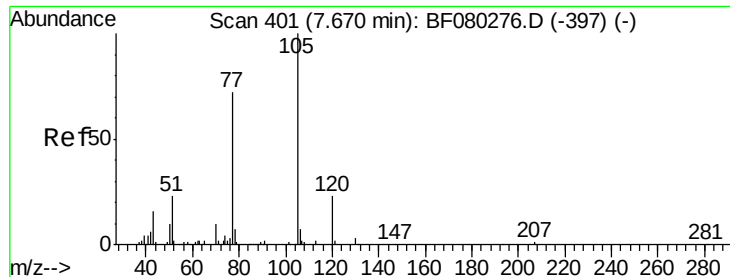
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 45.47 ng

RT: 7.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

Tgt Ion: 105 Resp: 150158

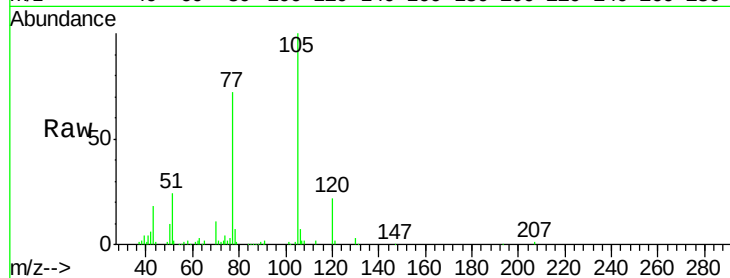
Ion Ratio Lower Upper

105 100

71 1.8 1.4 2.0

51 23.8 18.5 27.7

120 22.4 18.1 27.1

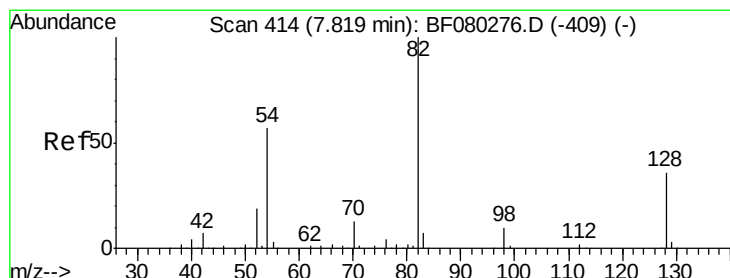
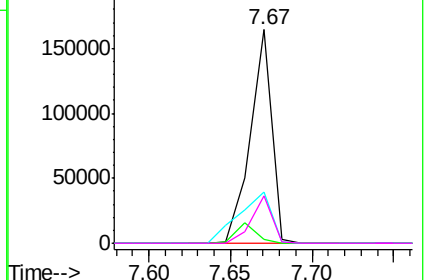
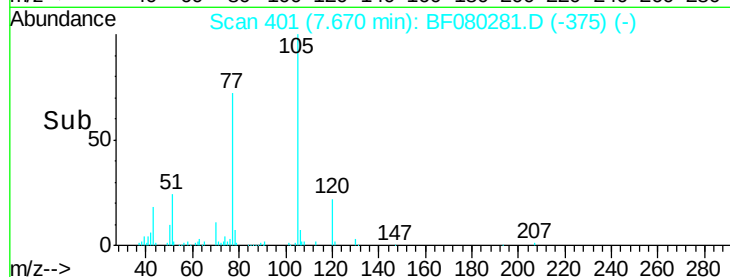


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.09 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

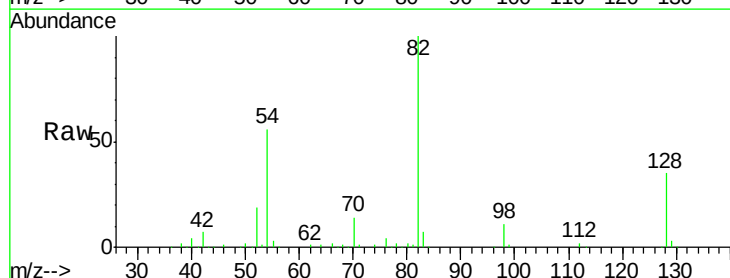
Tgt Ion: 82 Resp: 221008

Ion Ratio Lower Upper

82 100

128 34.9 29.0 43.4

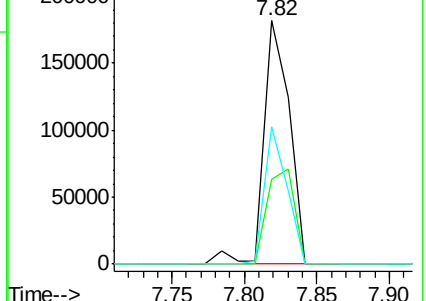
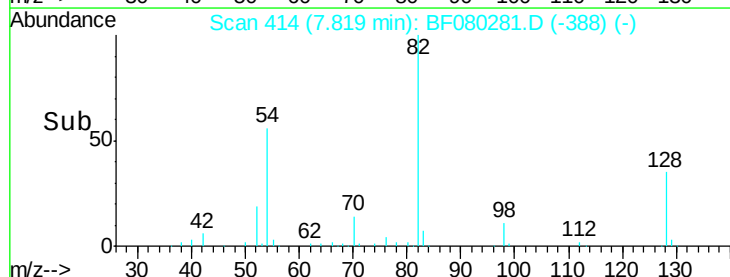
54 56.4 45.3 67.9

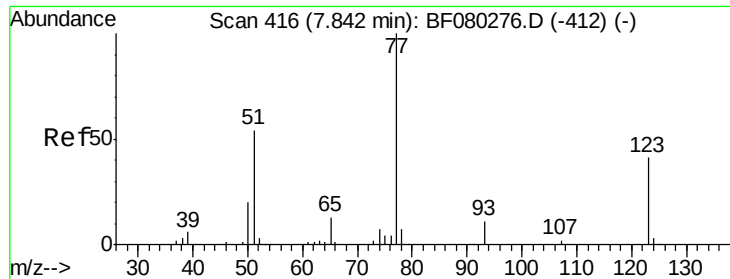


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 45.24 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

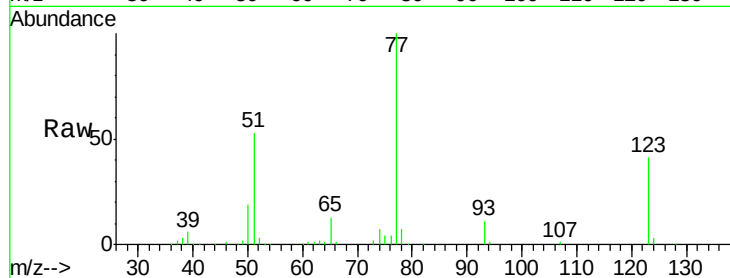
Tgt Ion: 77 Resp: 120433

Ion Ratio Lower Upper

77 100

123 41.0 33.0 49.6

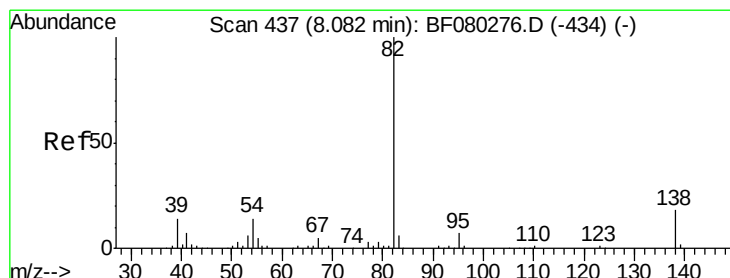
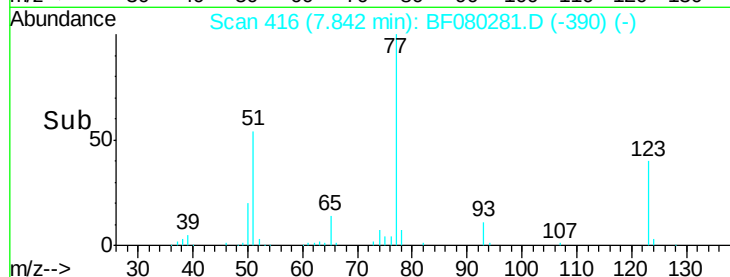
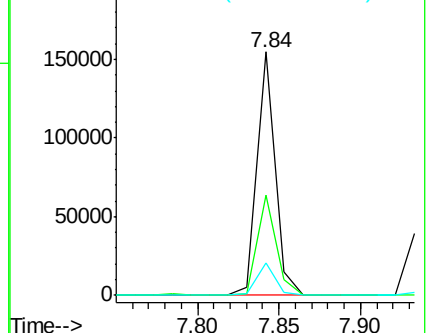
65 13.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.97 ng

RT: 8.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

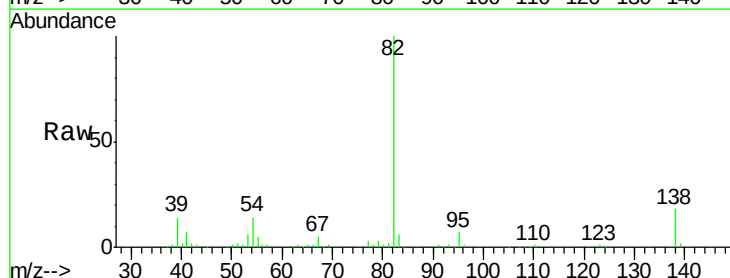
Tgt Ion: 82 Resp: 214375

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

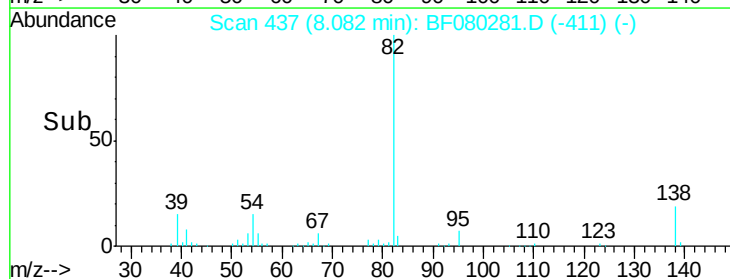
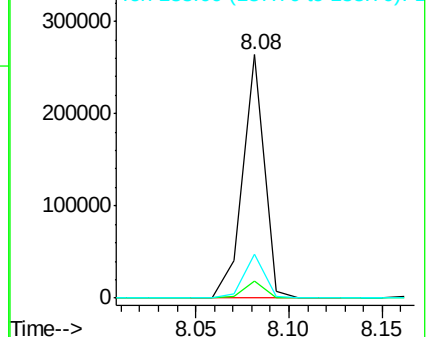
138 18.0 14.4 21.6

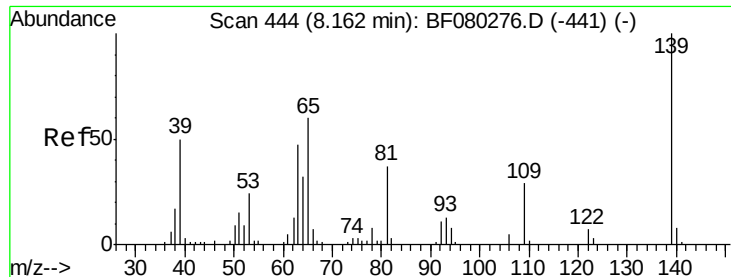


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

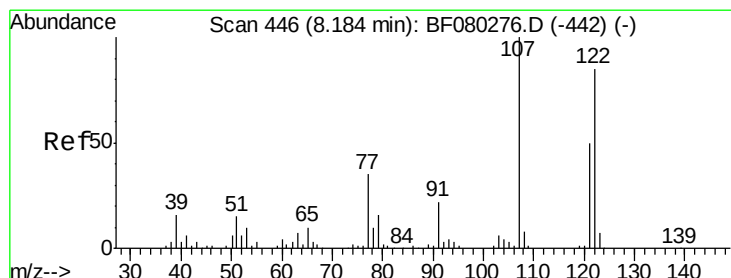
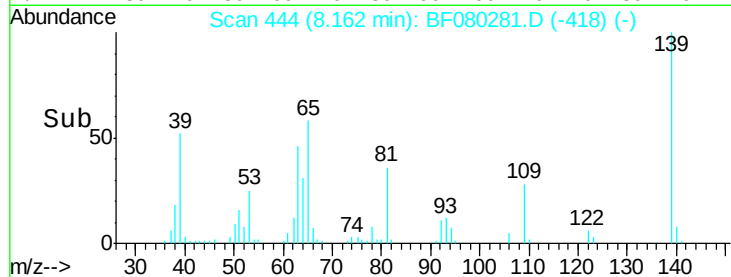
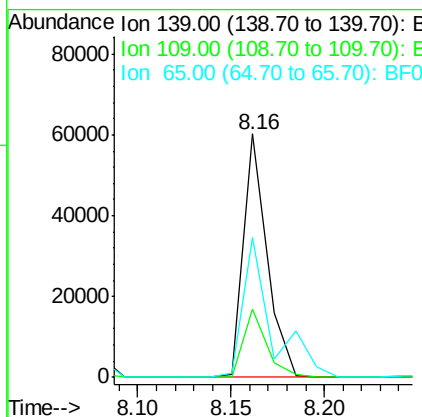
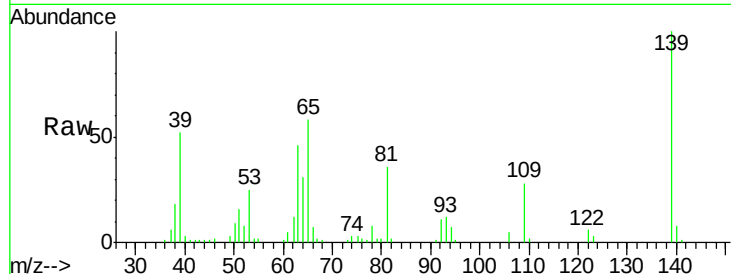




#26
 2-Nitrophenol
 Concen: 45.59 ng
 RT: 8.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

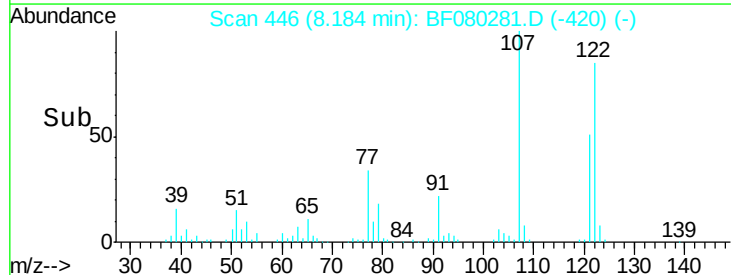
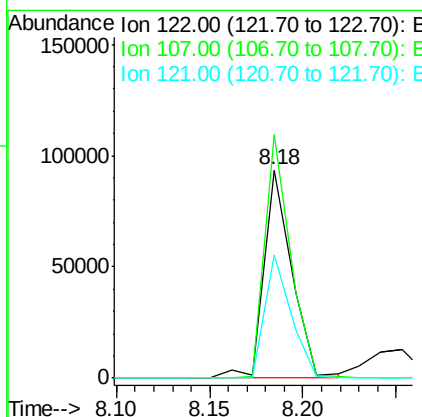
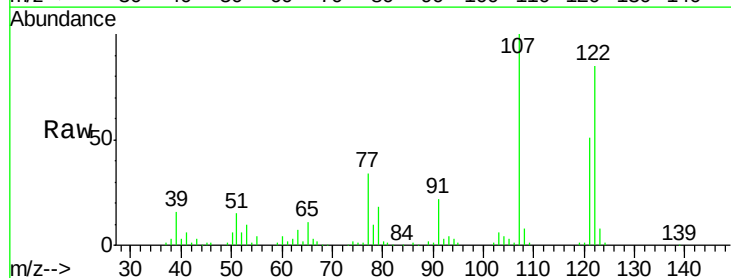
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

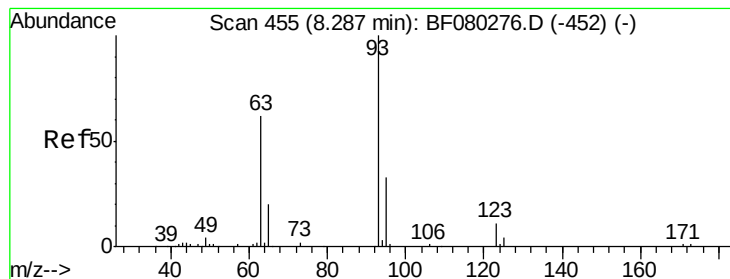
Tgt Ion:139 Resp: 52993
 Ion Ratio Lower Upper
 139 100
 109 28.2 23.1 34.7
 65 57.6 47.6 71.4



#27
 2,4-Dimethylphenol
 Concen: 44.98 ng
 RT: 8.18 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:122 Resp: 95984
 Ion Ratio Lower Upper
 122 100
 107 117.1 93.7 140.5
 121 59.2 46.9 70.3





#28

bis(2-Chloroethoxy)methane

Concen: 44.38 ng

RT: 8.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

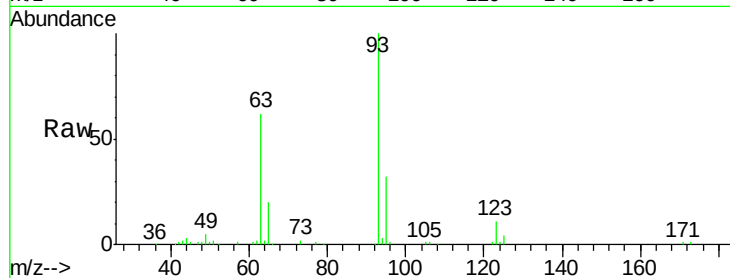
Tgt Ion: 93 Resp: 132886

Ion Ratio Lower Upper

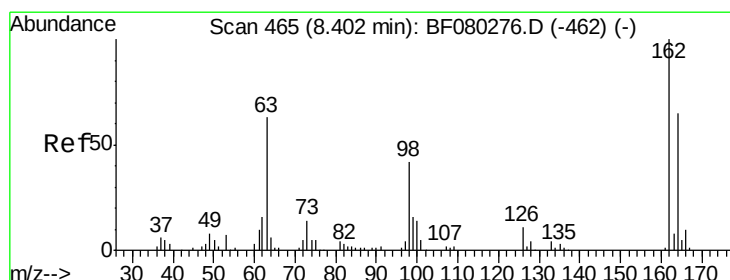
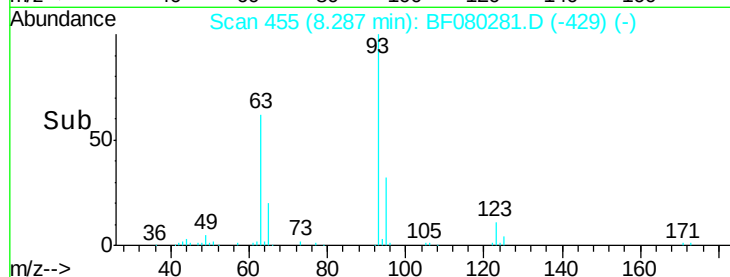
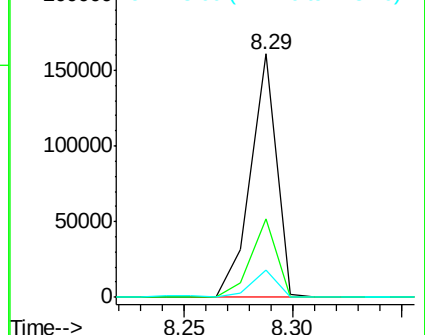
93 100

95 32.3 26.6 39.8

123 11.0 9.2 13.8



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



#29

2,4-Dichlorophenol

Concen: 47.51 ng

RT: 8.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

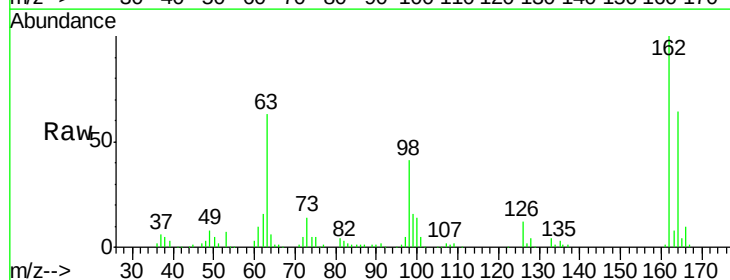
Tgt Ion: 162 Resp: 93639

Ion Ratio Lower Upper

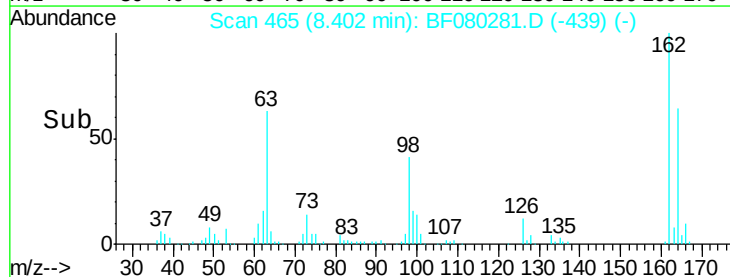
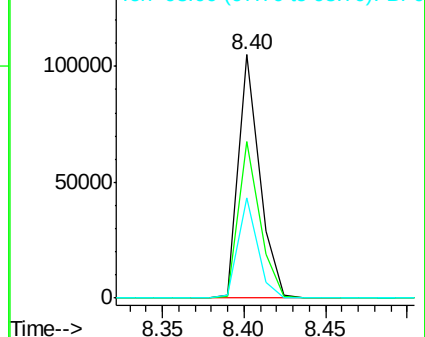
162 100

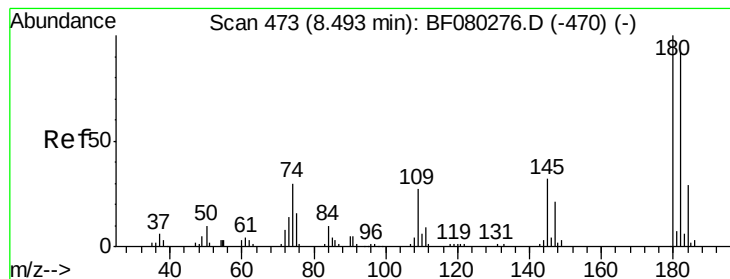
164 64.2 44.6 84.6

98 40.9 21.7 61.7



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: 40.72 ng

RT: 8.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

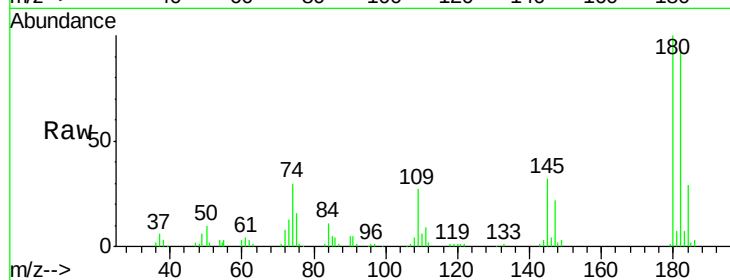
Tgt Ion:180 Resp: 93641

Ion Ratio Lower Upper

180 100

182 92.8 73.8 110.6

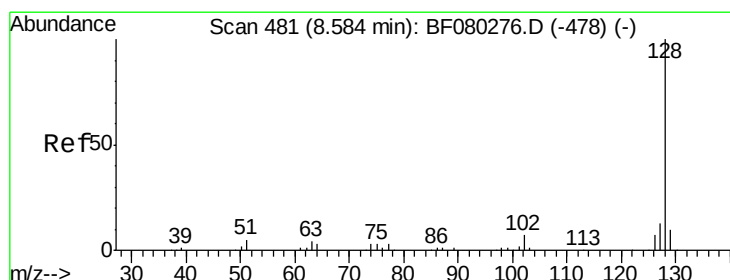
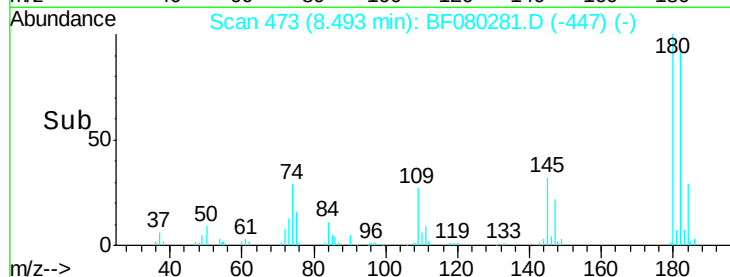
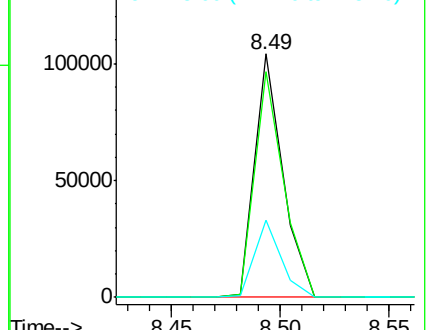
145 31.8 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 40.71 ng

RT: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

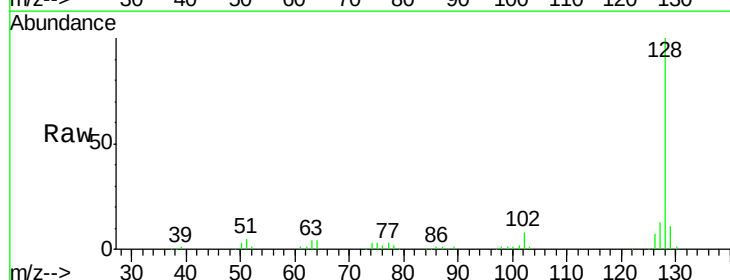
Tgt Ion:128 Resp: 293128

Ion Ratio Lower Upper

128 100

129 10.5 8.2 12.4

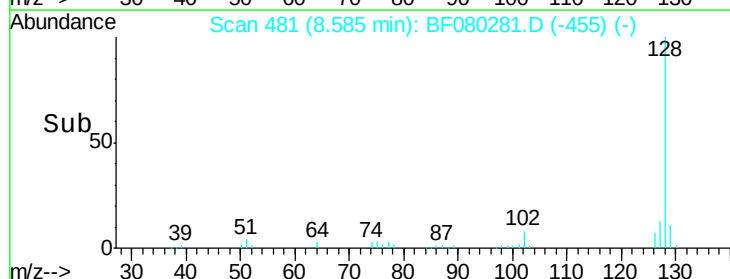
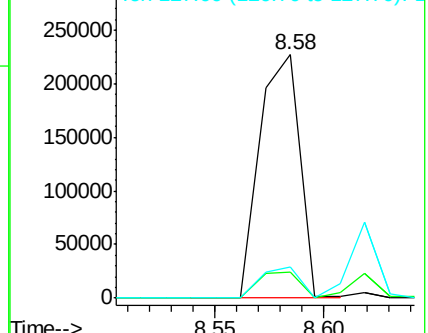
127 12.9 10.4 15.6

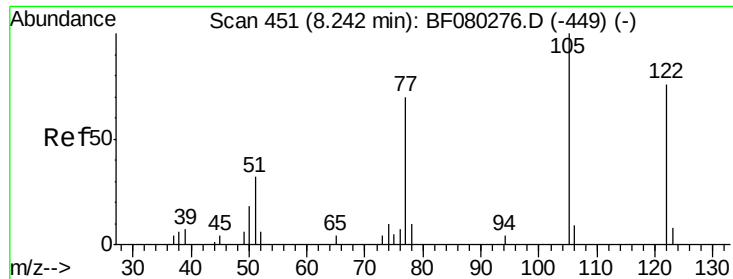


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 61.39 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

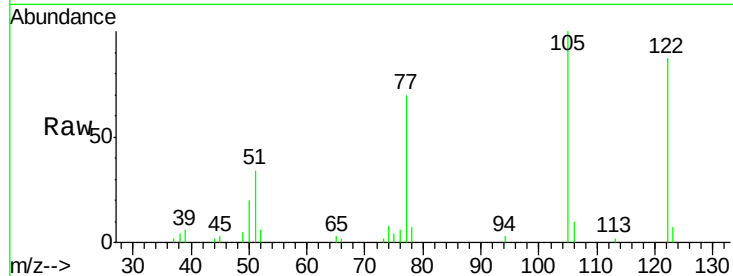
Tgt Ion:122 Resp: 29979

Ion Ratio Lower Upper

122 100

105 114.5 103.3 143.3

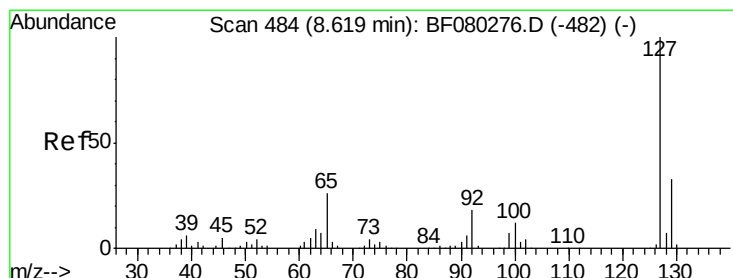
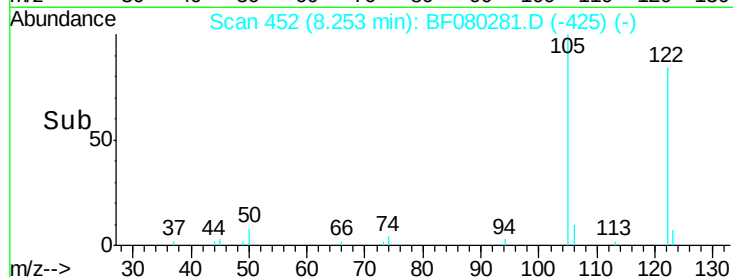
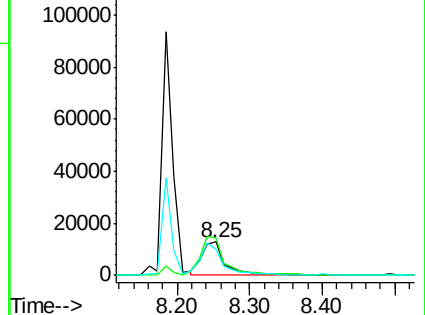
77 79.9 71.5 111.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 20.27 ng

RT: 8.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Tgt Ion:127 Resp: 61917

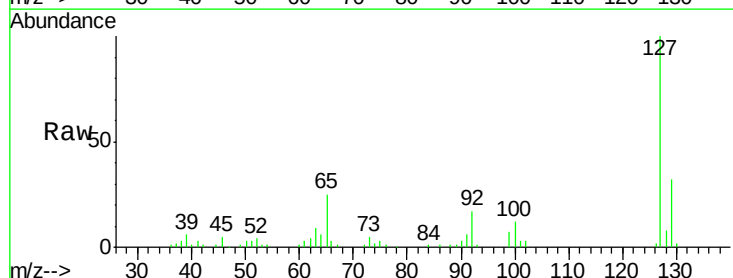
Ion Ratio Lower Upper

127 100

129 32.5 26.4 39.6

65 24.9 21.0 31.6

92 17.0 14.1 21.1

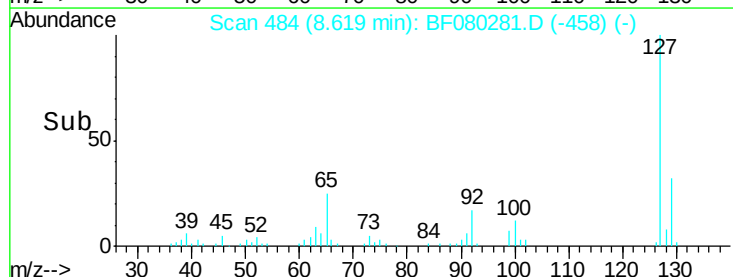
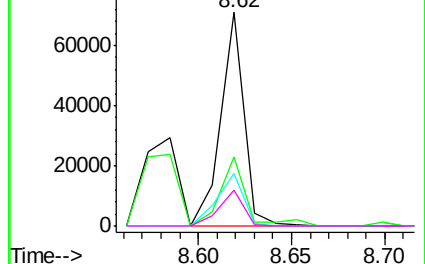


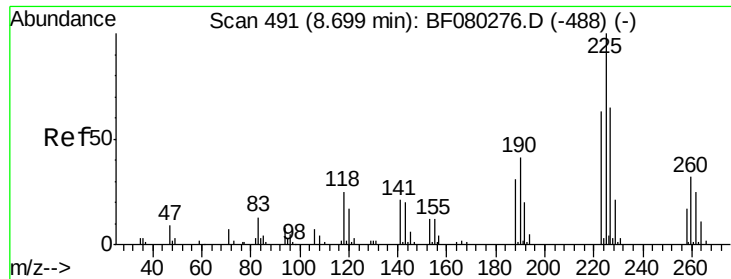
Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.71 ng

RT: 8.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

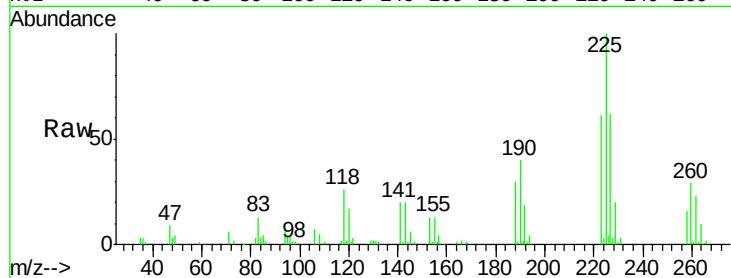
Tgt Ion:225 Resp: 60408

Ion Ratio Lower Upper

225 100

223 60.8 50.5 75.7

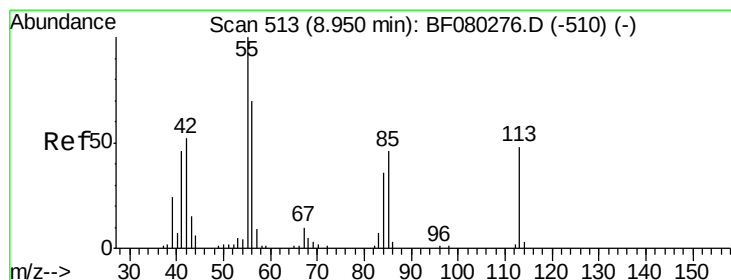
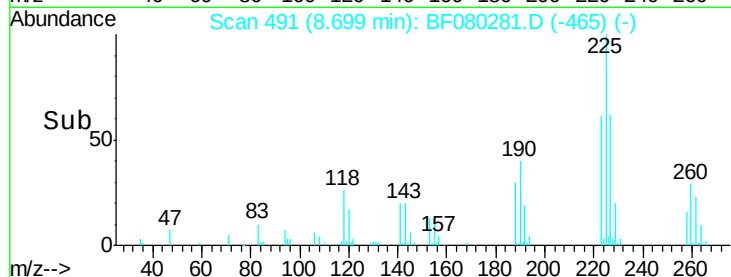
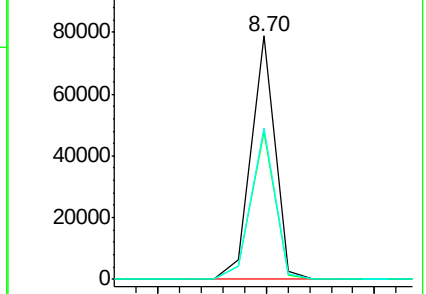
227 62.2 51.8 77.8



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: 44.59 ng

RT: 8.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

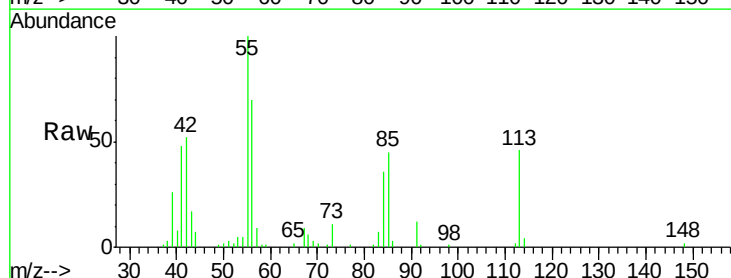
Tgt Ion:113 Resp: 26668

Ion Ratio Lower Upper

113 100

55 215.6 189.7 229.7

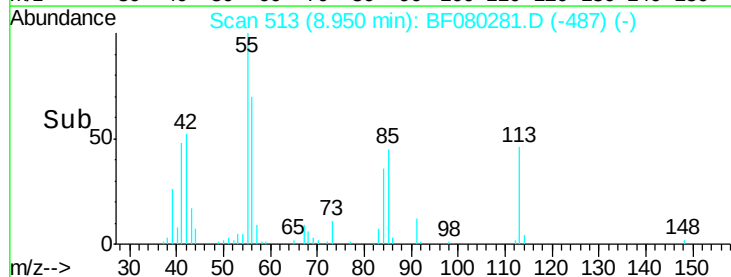
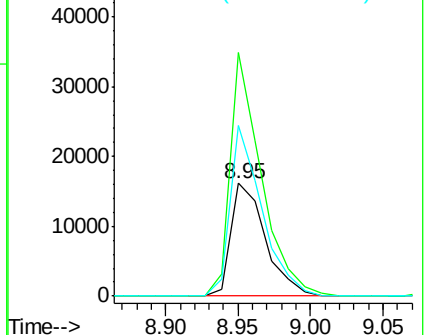
56 151.6 127.2 167.2

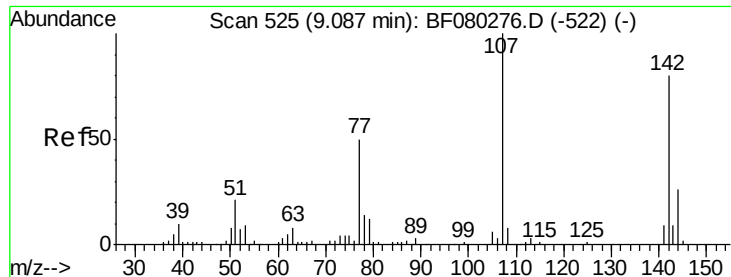


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

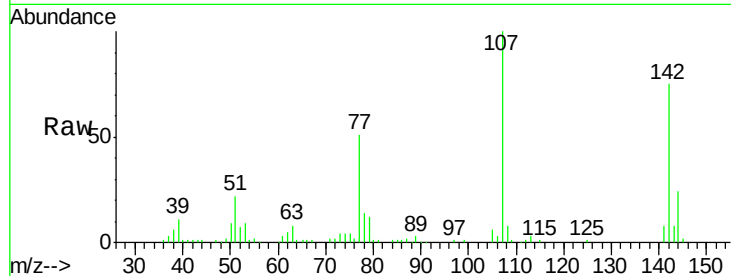




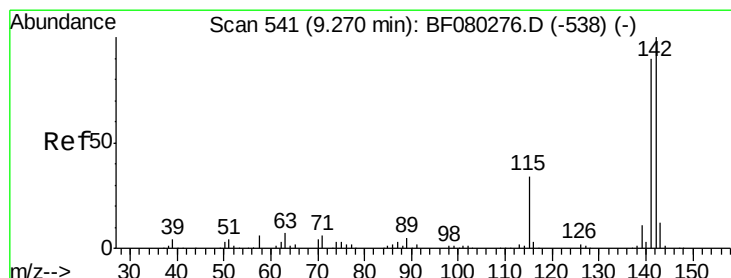
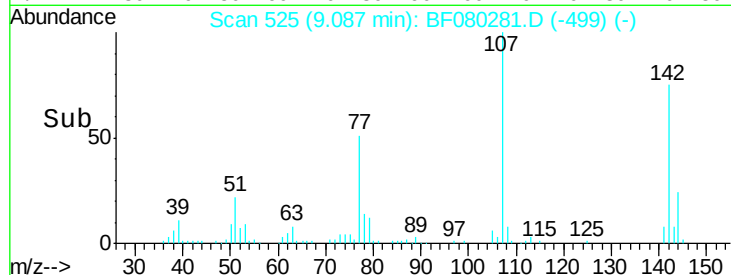
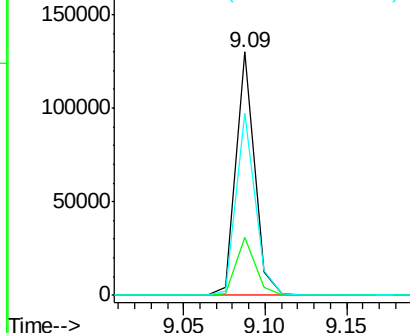
#36
 4-Chloro-3-methylphenol
 Concen: 47.62 ng
 RT: 9.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:107 Resp: 101625
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.4 30.6
 142 75.1 63.8 95.6

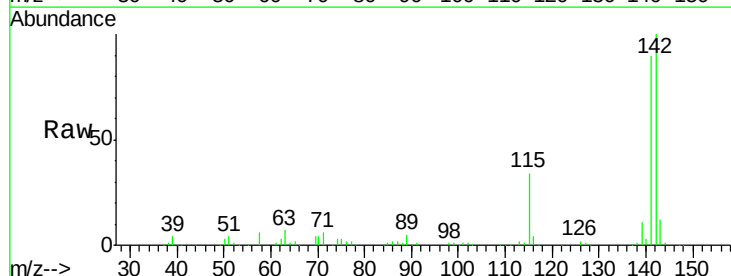


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

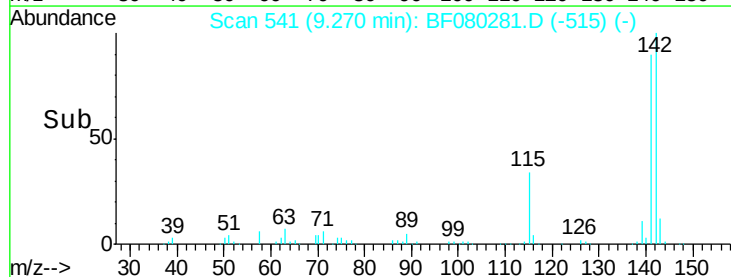
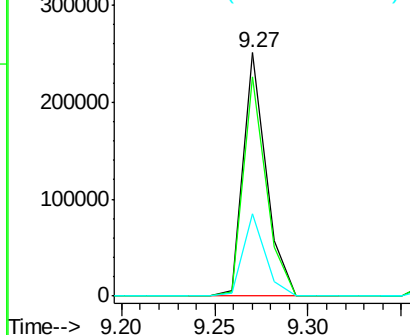


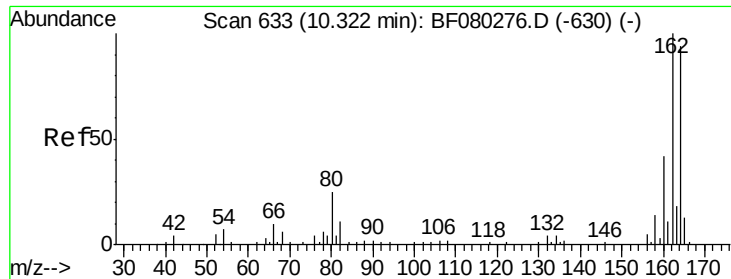
#37
 2-Methylnaphthalene
 Concen: 43.60 ng
 RT: 9.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:142 Resp: 214989
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.8 107.6
 115 33.7 27.4 41.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

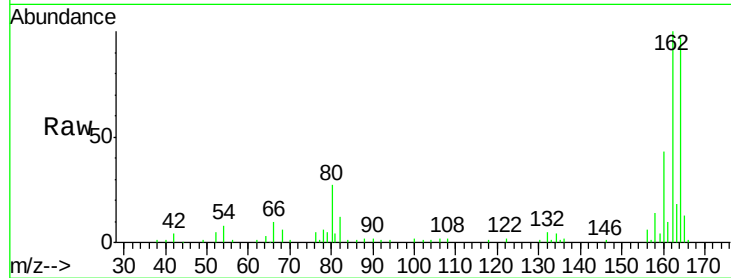
Tgt Ion:164 Resp: 73028

Ion Ratio Lower Upper

164 100

162 102.9 84.8 127.2

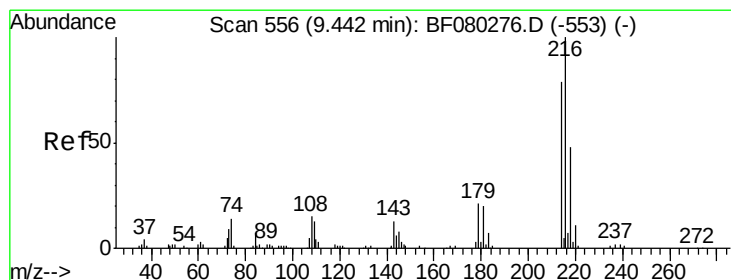
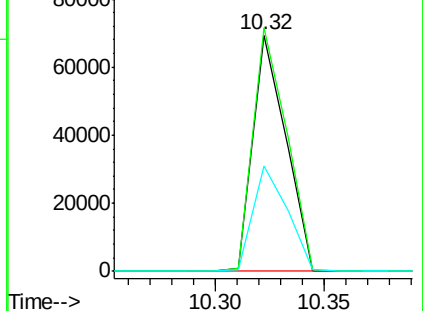
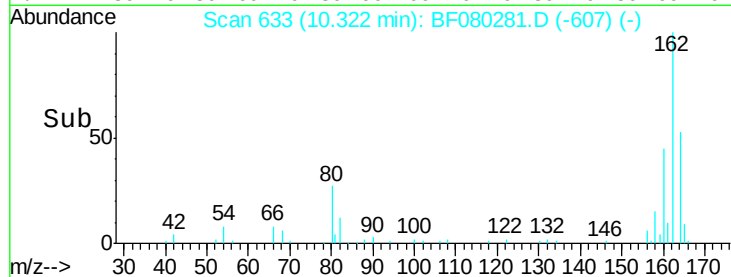
160 44.7 35.8 53.8



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: 41.43 ng

RT: 9.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Tgt Ion:216 Resp: 100694

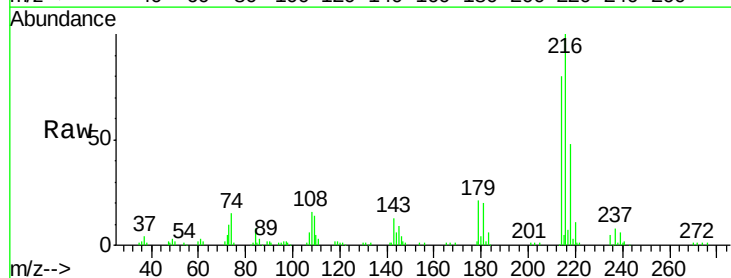
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.6

179 20.8 16.8 25.2

108 19.6 13.8 20.8

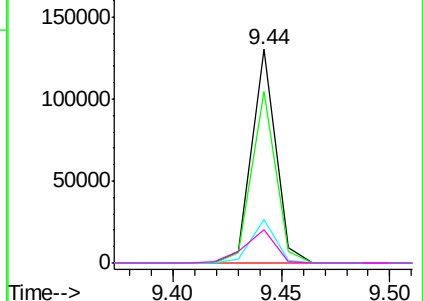
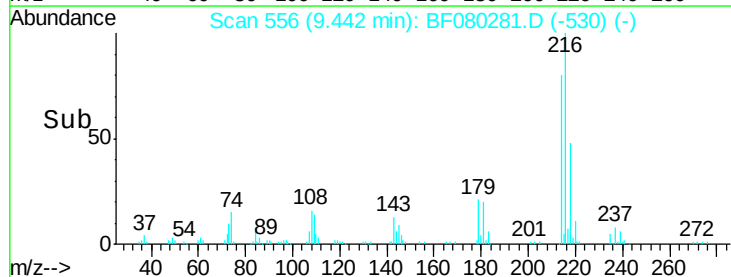


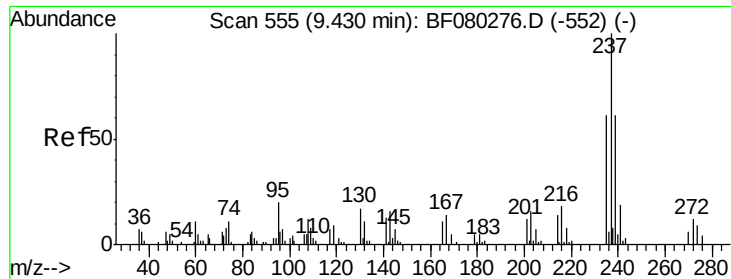
Abundance Ion 216.00 (215.70 to 216.70): E

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

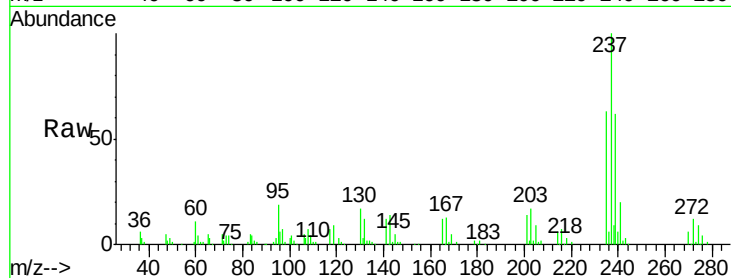




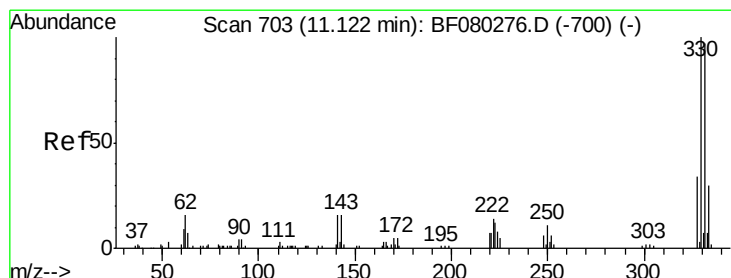
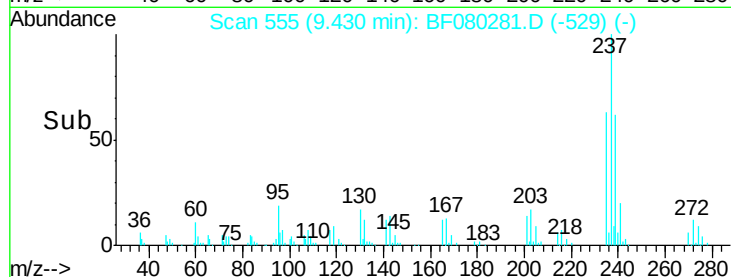
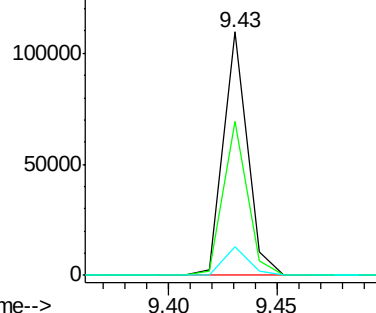
#40
Hexachlorocyclopentadiene
Concen: 87.15 ng
RT: 9.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion: 237 Resp: 84137
Ion Ratio Lower Upper
237 100
235 63.1 41.3 81.3
272 11.9 0.0 31.8

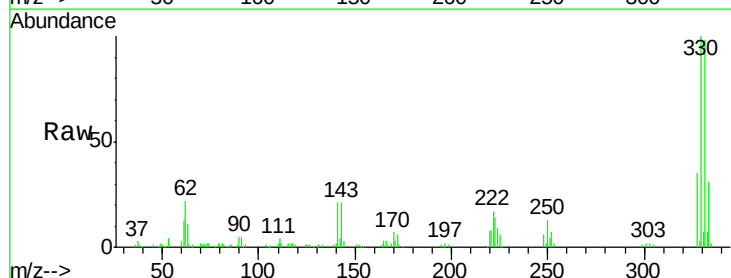


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

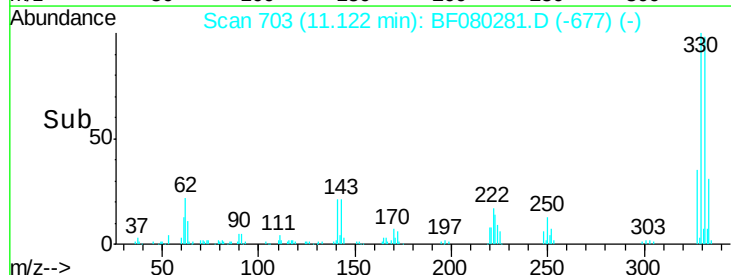
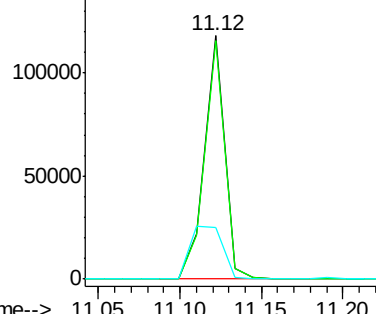


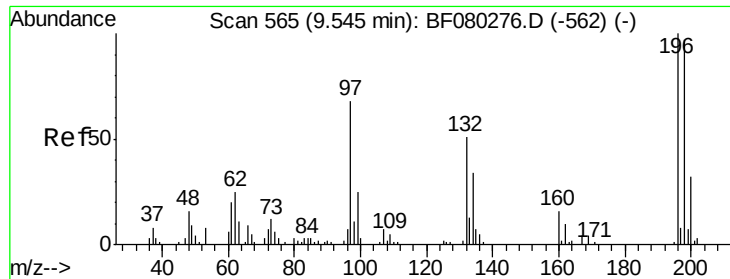
#41
2,4,6-Tribromophenol
Concen: 144.02 ng
RT: 11.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion: 330 Resp: 100143
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 35.0 28.0 42.0



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

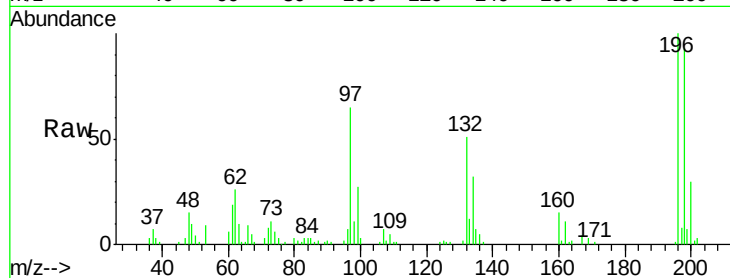




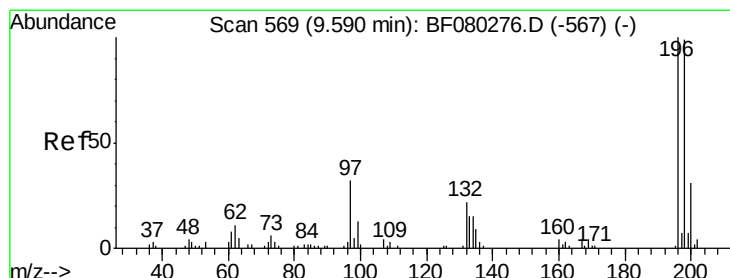
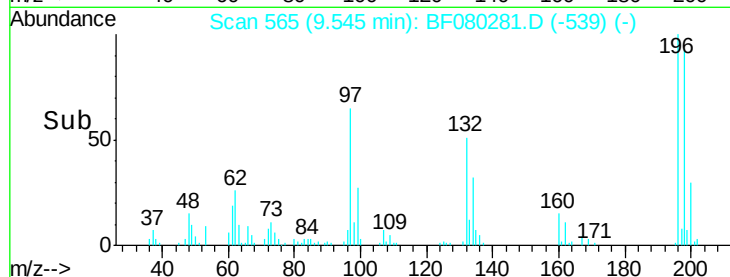
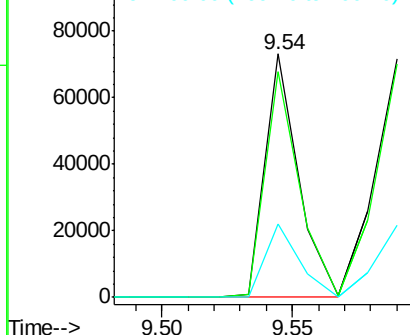
#42
 2,4,6-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:196 Resp: 65357
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.7 116.5
 200 29.9 25.6 38.4



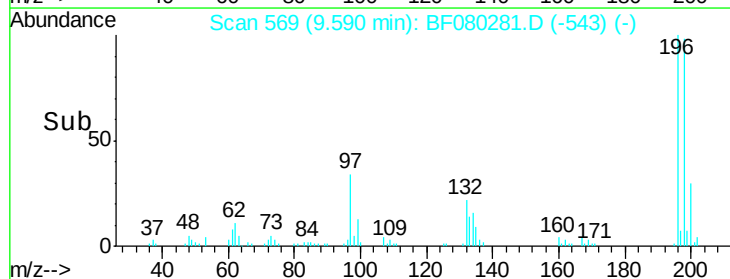
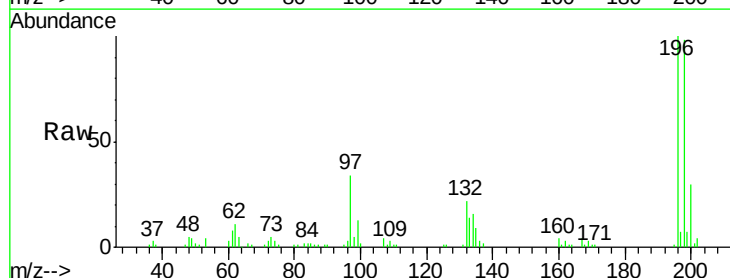
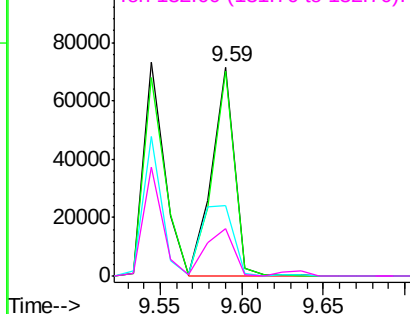
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

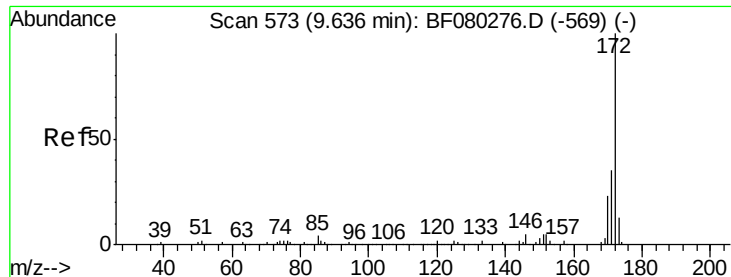


#43
 2,4,5-Trichlorophenol
 Concen: 42.09 ng
 RT: 9.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:196 Resp: 69763
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.4 119.2
 97 33.7 25.9 38.9
 132 22.4 17.3 25.9

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

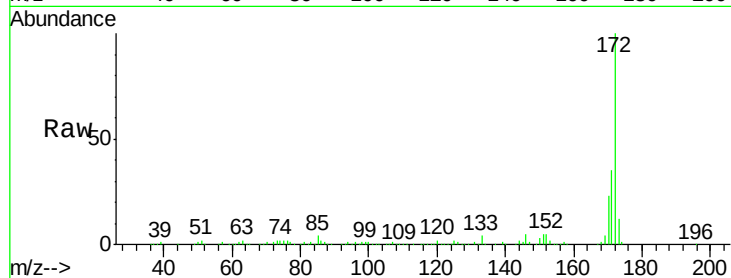




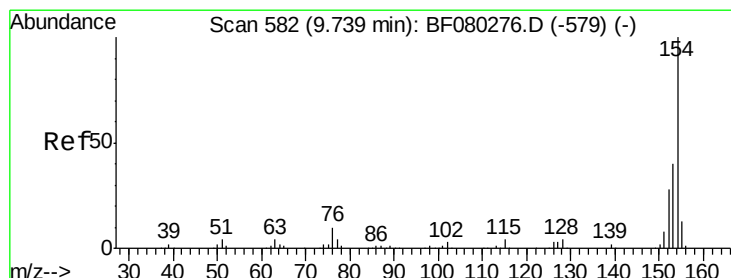
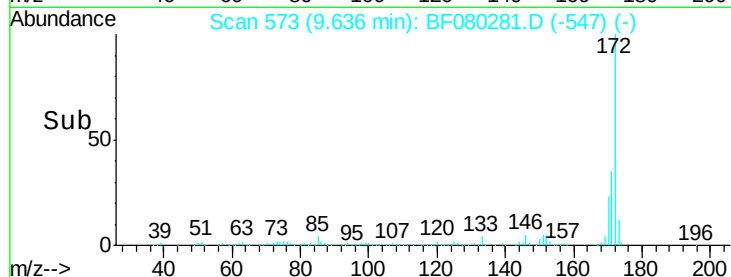
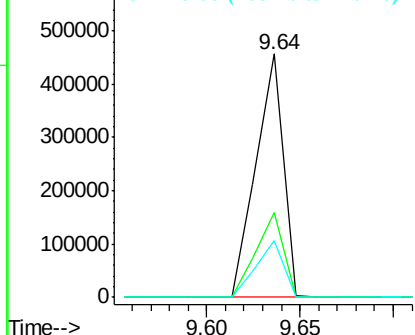
#44
2-Fluorobiphenyl
Concen: 90.76 ng
RT: 9.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:172 Resp: 460501
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.6 28.0

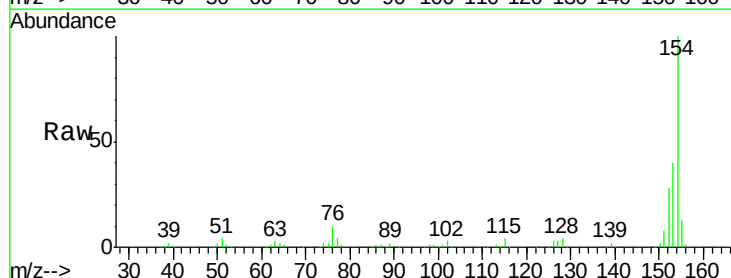


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

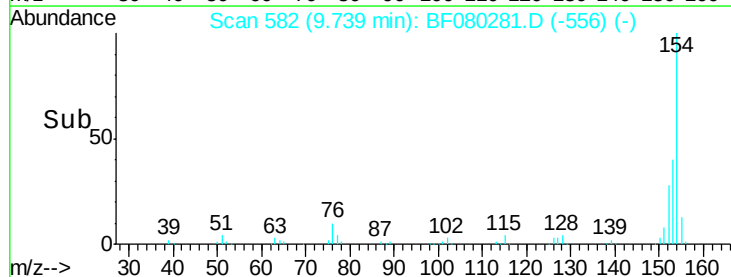
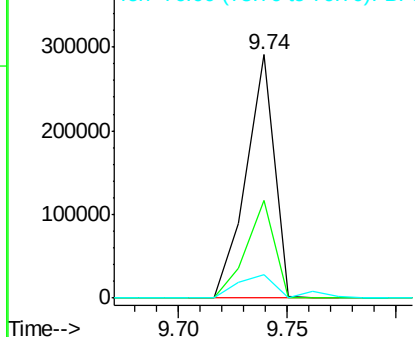


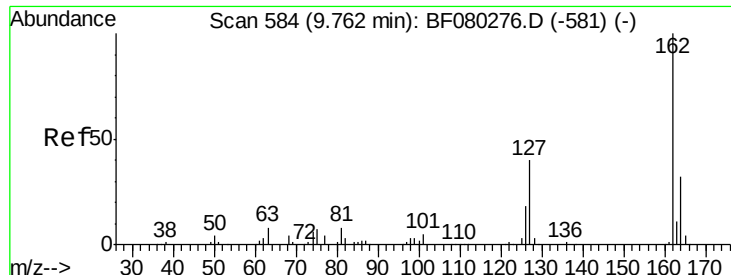
#45
1,1'-Biphenyl
Concen: 42.31 ng
RT: 9.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion:154 Resp: 262749
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 9.6 0.0 30.3



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

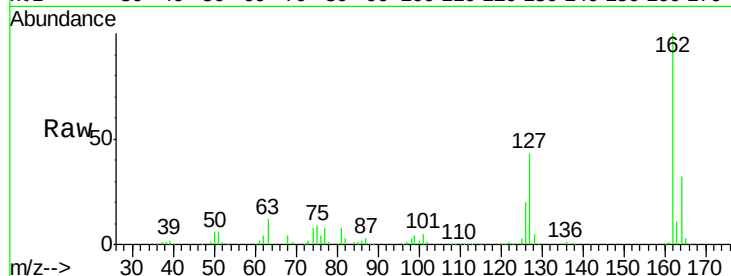




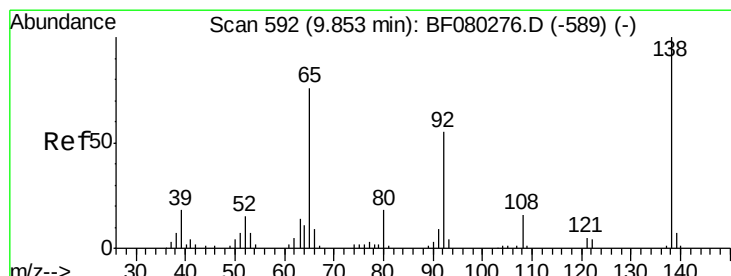
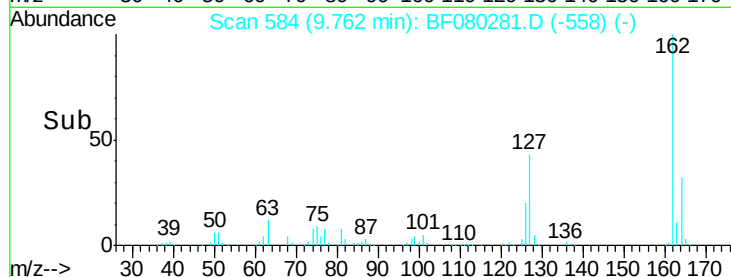
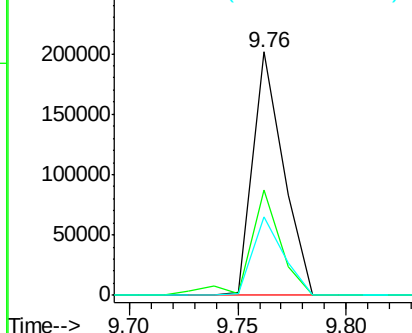
#46
 2-Chloronaphthalene
 Concen: 41.00 ng
 RT: 9.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion: 162 Resp: 197090
 Ion Ratio Lower Upper
 162 100
 127 43.1 33.4 50.0
 164 32.3 25.3 37.9

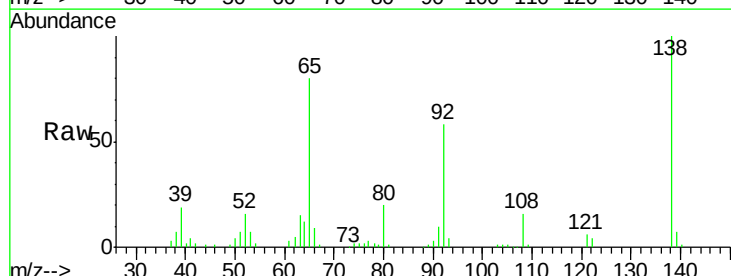


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

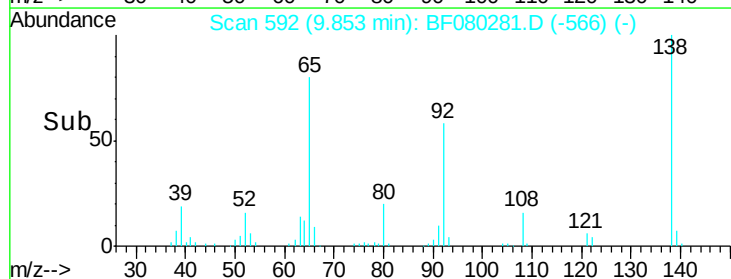
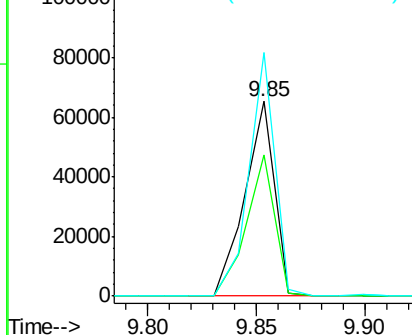


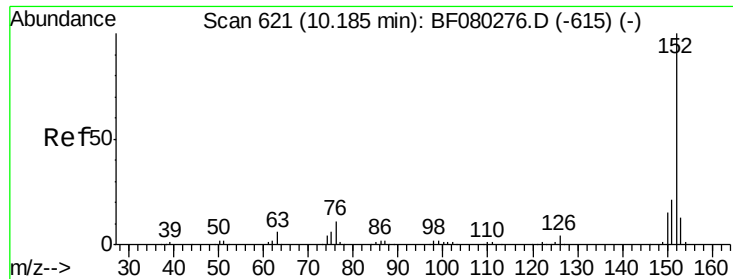
#47
 2-Nitroaniline
 Concen: 44.63 ng
 RT: 9.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion: 65 Resp: 61702
 Ion Ratio Lower Upper
 65 100
 92 72.3 58.0 87.0
 138 124.9 104.8 157.2



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





#48

Acenaphthylene

Concen: 40.51 ng

RT: 10.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

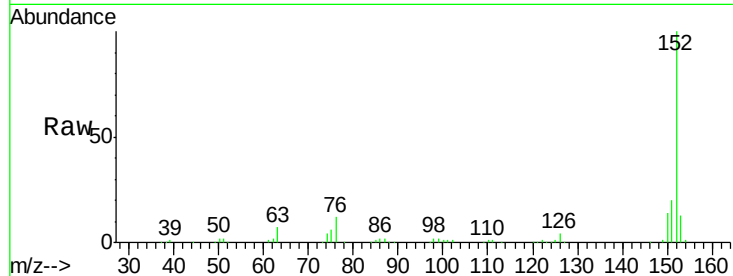
Tgt Ion:152 Resp: 338178

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

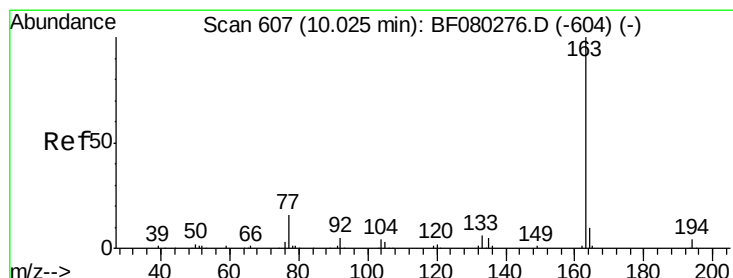
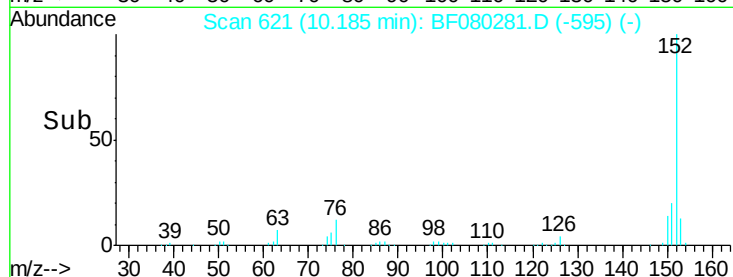
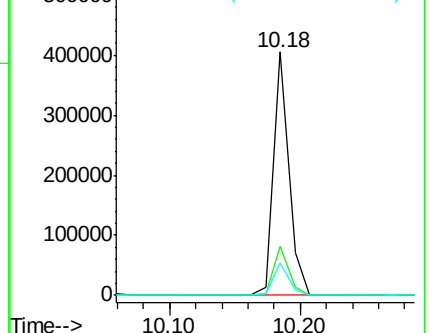
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.10 ng

RT: 10.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

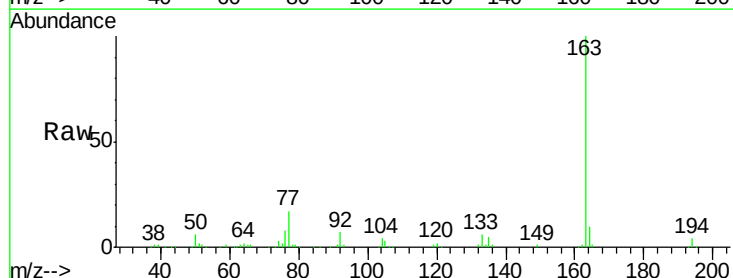
Tgt Ion:163 Resp: 251582

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

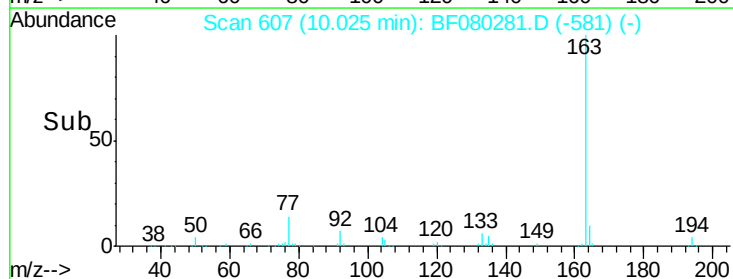
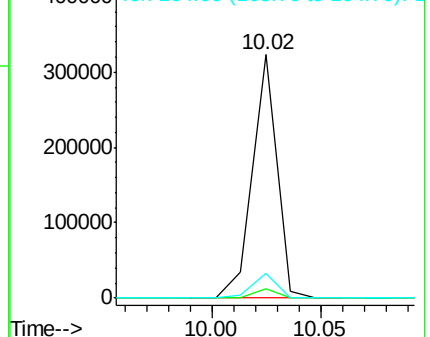
164 10.1 7.9 11.9

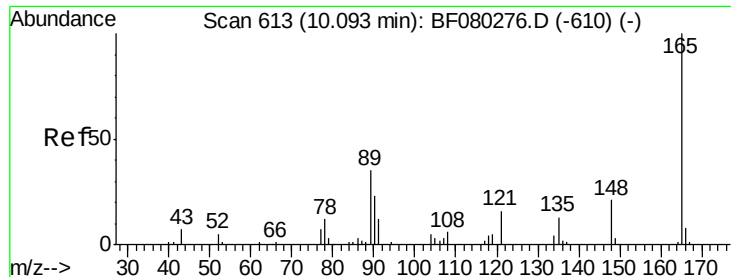


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

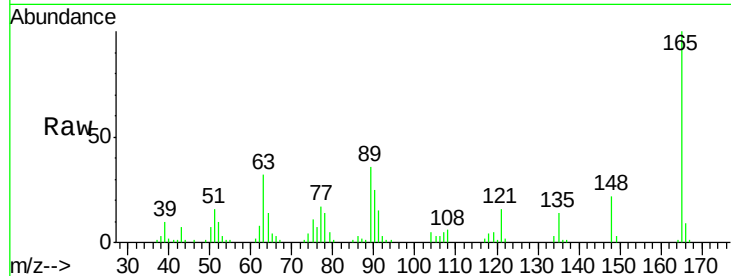




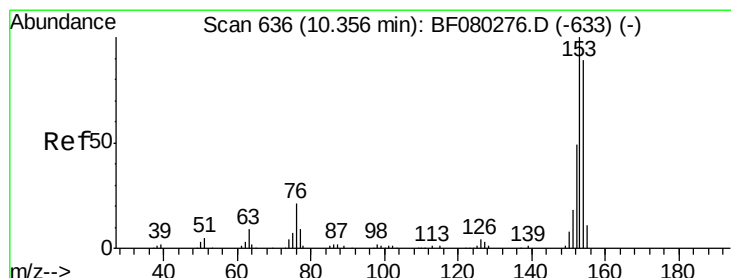
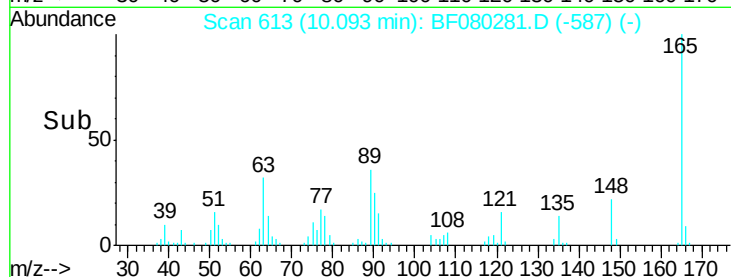
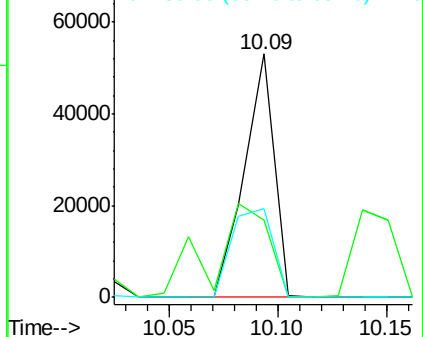
#50
 2,6-Dinitrotoluene
 Concen: 44.22 ng
 RT: 10.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:165 Resp: 50430
 Ion Ratio Lower Upper
 165 100
 63 31.7 23.4 35.0
 89 36.3 27.7 41.5

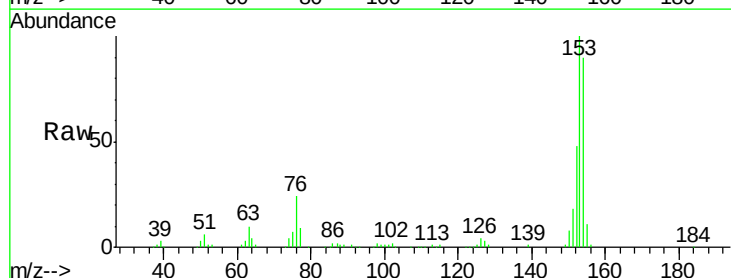


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

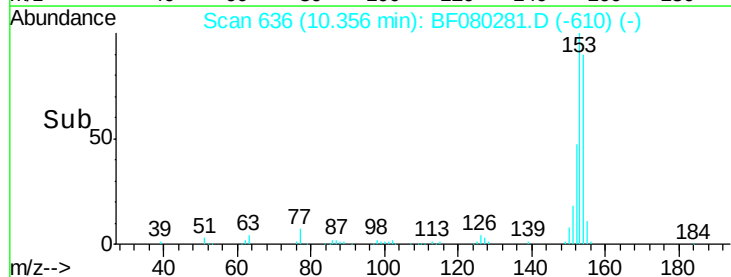
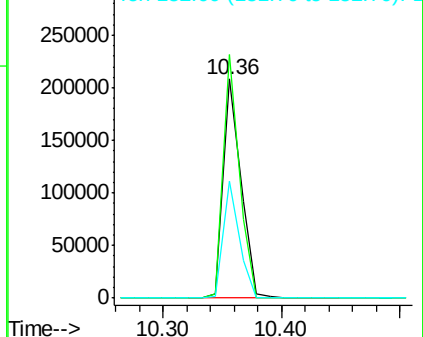


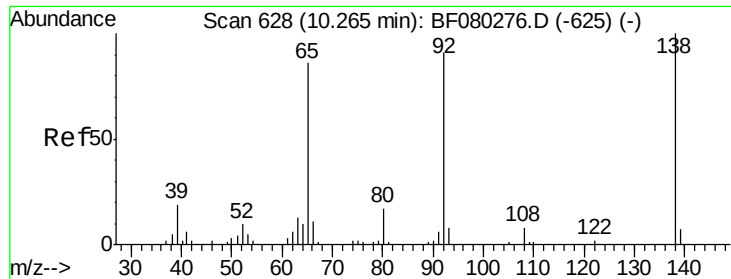
#51
 Acenaphthene
 Concen: 44.47 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:154 Resp: 213745
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.4 135.6
 152 53.7 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

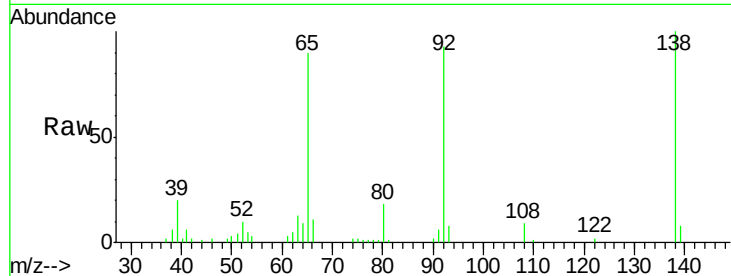




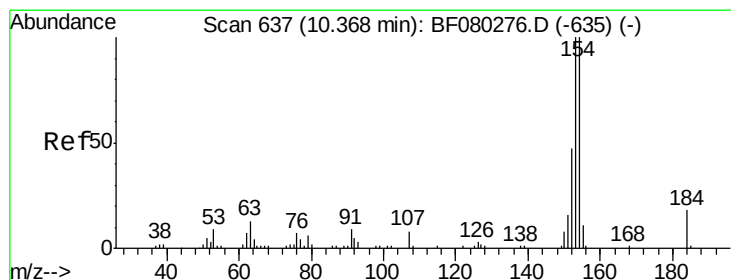
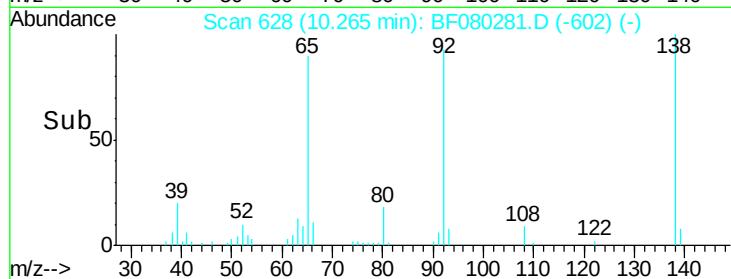
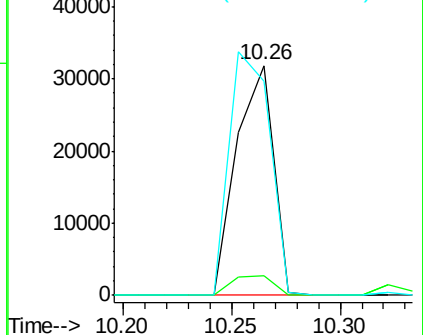
#52
3-Nitroaniline
Concen: 28.75 ng
RT: 10.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:138 Resp: 37608
Ion Ratio Lower Upper
138 100
108 8.6 6.7 10.1
92 93.3 72.6 109.0

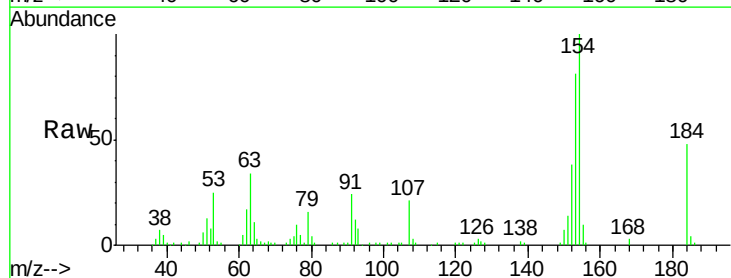


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

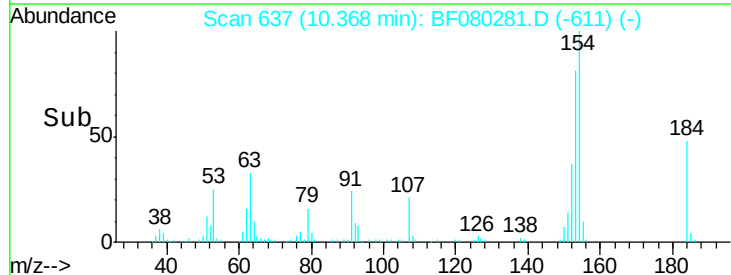
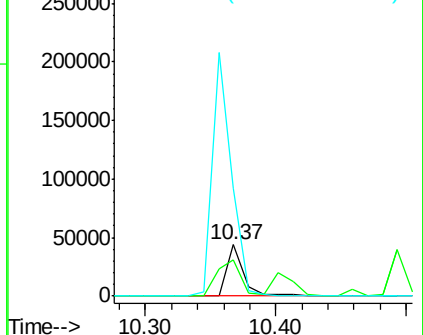


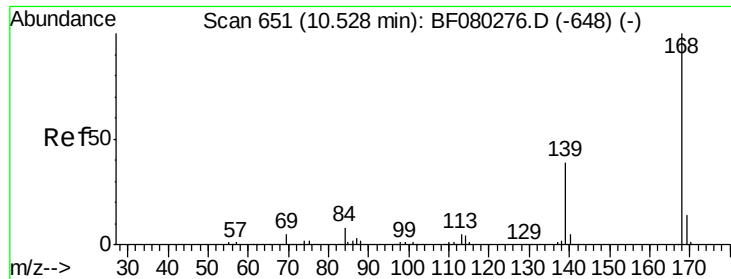
#53
2,4-Dinitrophenol
Concen: 82.31 ng
RT: 10.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion:184 Resp: 38722
Ion Ratio Lower Upper
184 100
63 71.6 65.0 97.6
154 209.9 473.1 709.7#



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

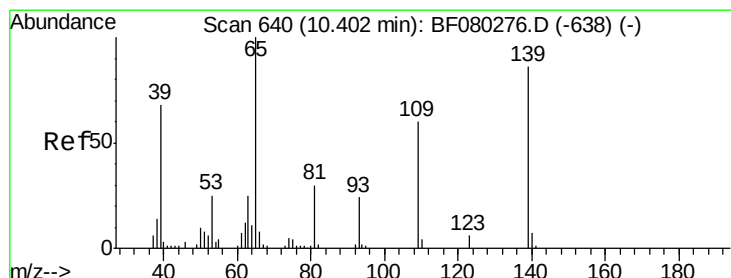
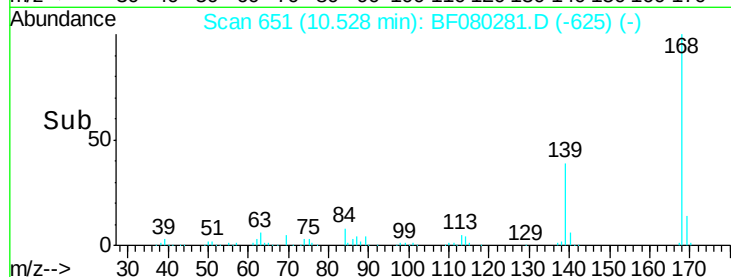
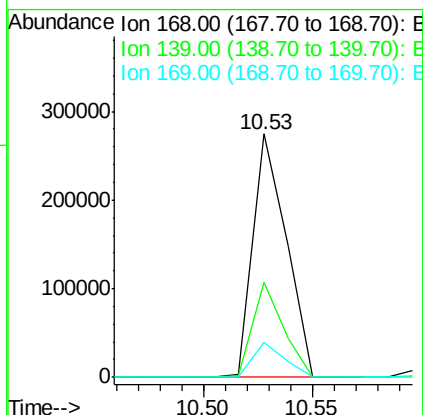
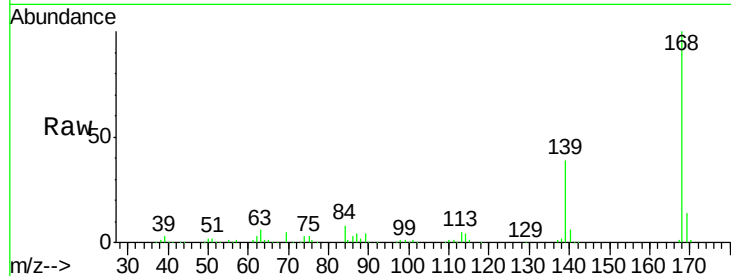




#54
Dibenzenofuran
Concen: 43.13 ng
RT: 10.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

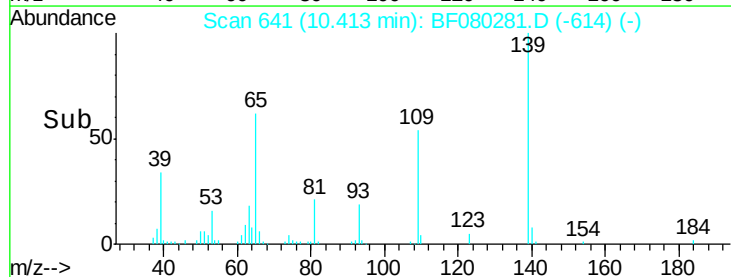
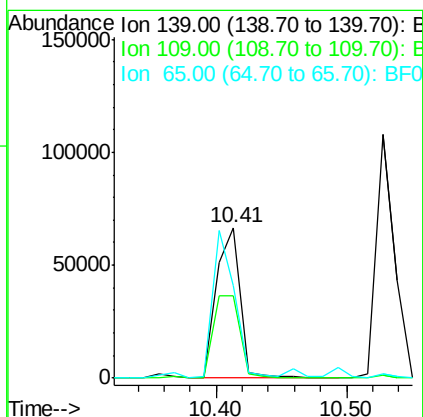
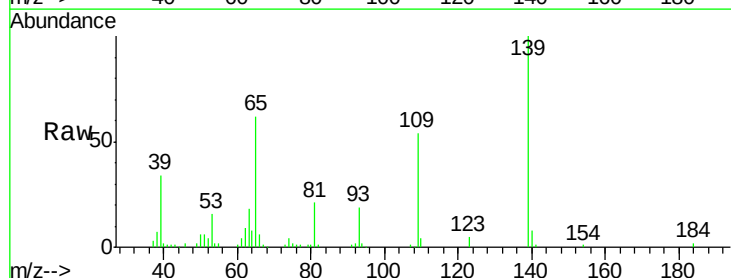
Instrument :
BNA_F
ClientSampleId :
PB84270BS

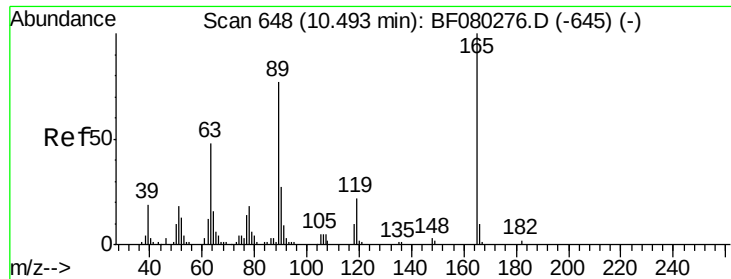
Tgt Ion:168 Resp: 292578
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 14.1 11.0 16.4



#55
4-Nitrophenol
Concen: 87.63 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion:139 Resp: 84737
Ion Ratio Lower Upper
139 100
109 54.4 50.2 90.2
65 61.8 96.7 136.7#





#56

2,4-Dinitrotoluene

Concen: 45.55 ng

RT: 10.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampled :

PB84270BS

Tgt Ion:165 Resp: 67356

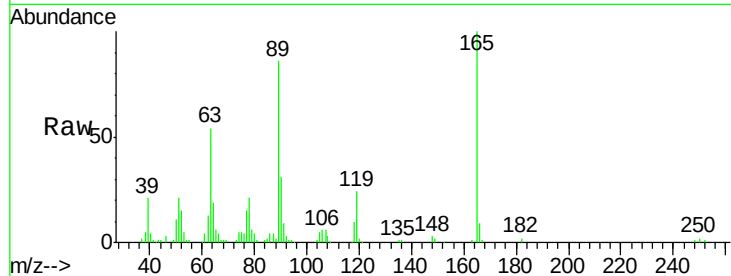
Ion Ratio Lower Upper

165 100

63 53.8 38.7 58.1

89 86.2 62.0 93.0

182 2.3 1.8 2.8

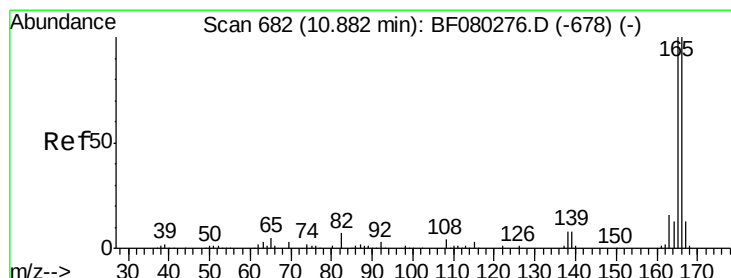
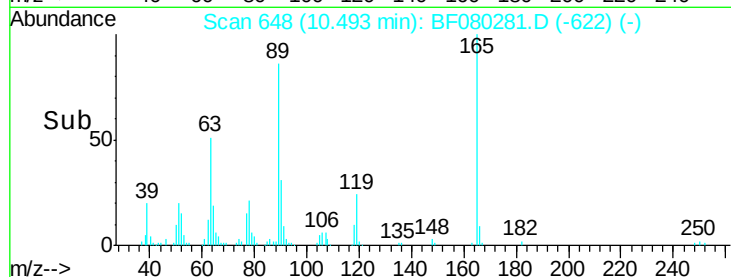
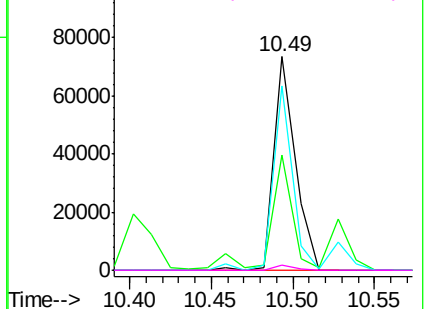


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.45 ng

RT: 10.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

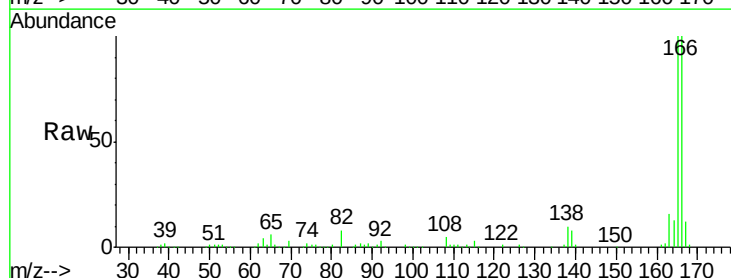
Tgt Ion:166 Resp: 238854

Ion Ratio Lower Upper

166 100

165 99.8 79.9 119.9

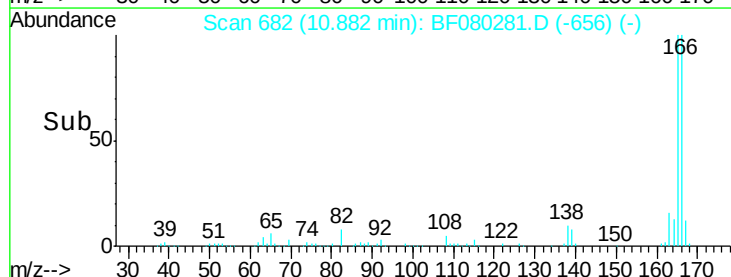
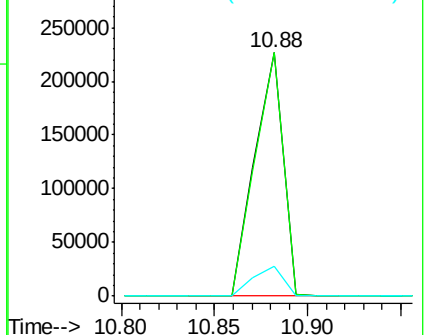
167 12.5 10.3 15.5

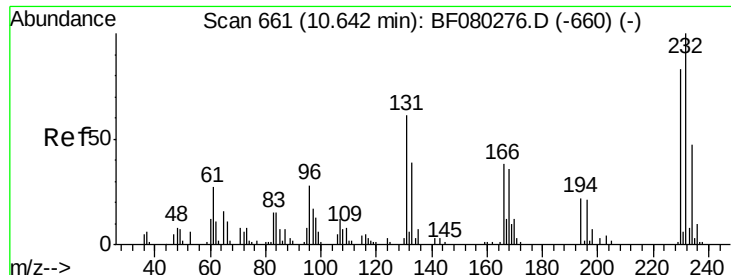


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

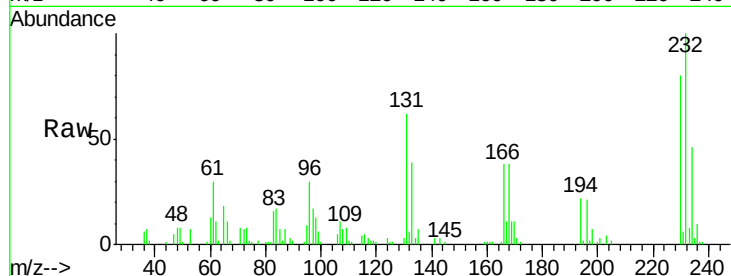




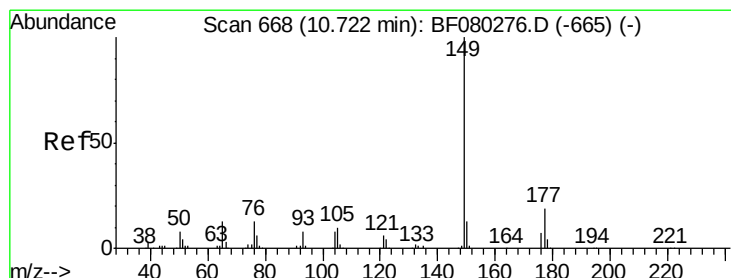
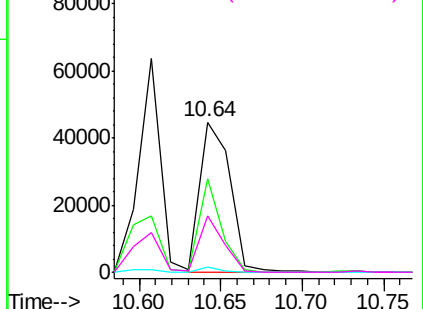
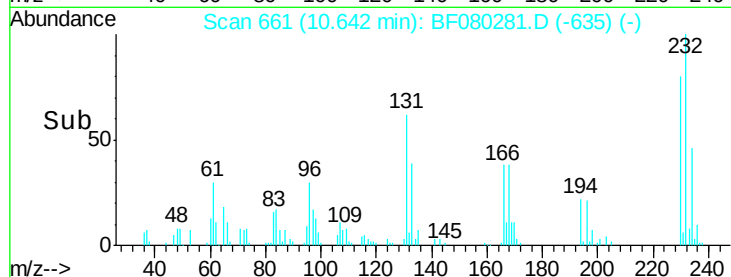
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.88 ng
 RT: 10.64 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleID :
 PB84270BS

Tgt Ion: 232 Resp: 57968
 Ion Ratio Lower Upper
 232 100
 131 44.2 37.0 55.6
 130 2.2 1.5 2.3
 166 29.9 24.4 36.6

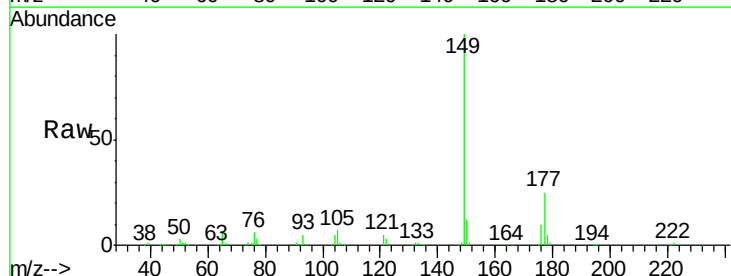


Abundance Ion 232.00 (231.70 to 232.70): E
 100000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

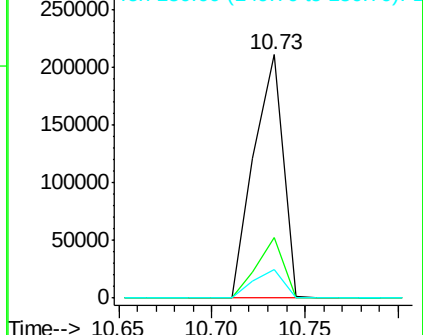
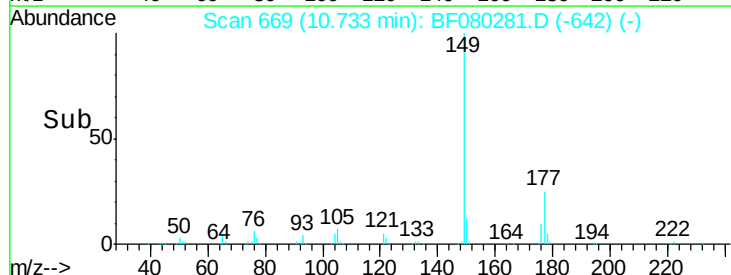


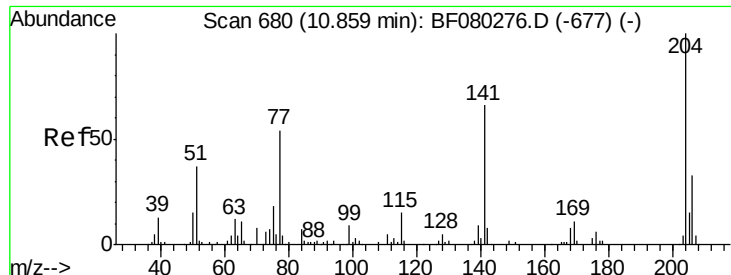
#59
 Diethylphthalate
 Concen: 43.14 ng
 RT: 10.73 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion: 149 Resp: 228744
 Ion Ratio Lower Upper
 149 100
 177 25.0 15.4 23.0#
 150 12.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 250000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

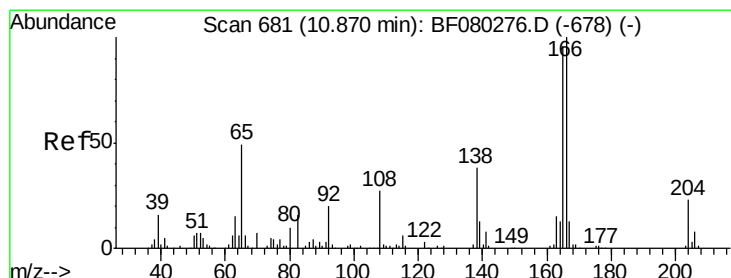
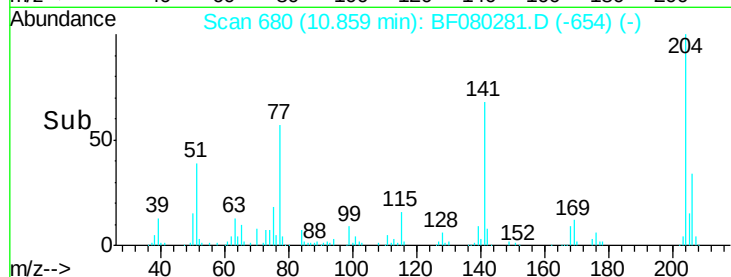
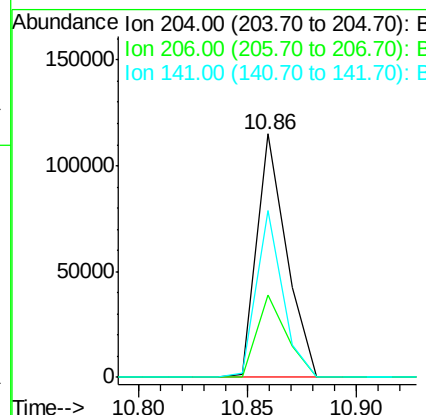
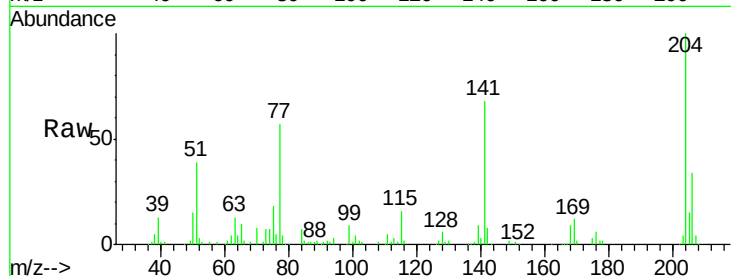




#60
4-Chlorophenyl-phenylether
Concen: 42.97 ng
RT: 10.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

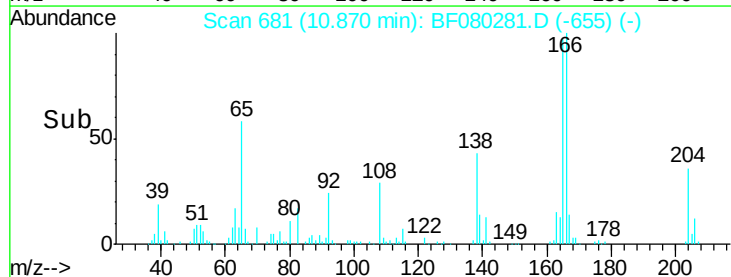
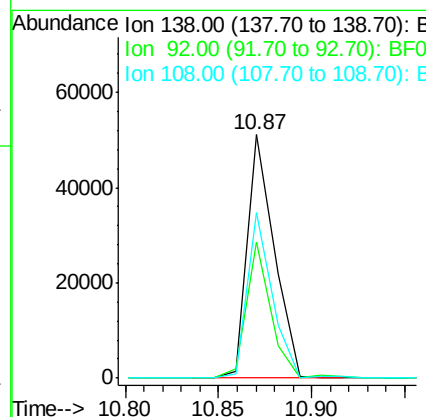
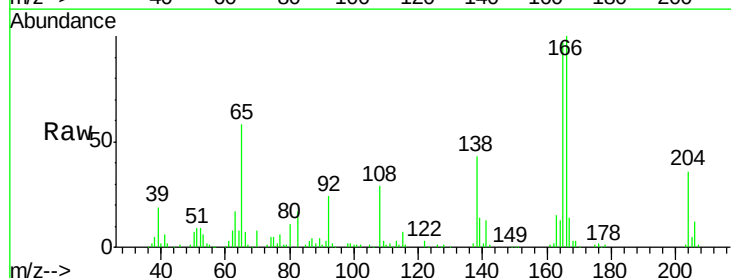
Instrument :
BNA_F
ClientSampleId :
PB84270BS

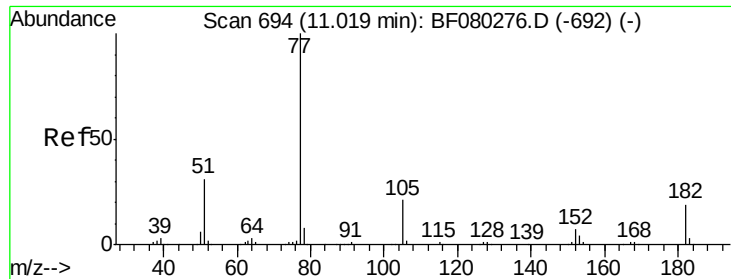
Tgt Ion: 204 Resp: 109322
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 68.3 52.5 78.7



#61
4-Nitroaniline
Concen: 38.57 ng
RT: 10.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion: 138 Resp: 51283
Ion Ratio Lower Upper
138 100
92 55.9 32.7 72.7
108 68.1 49.6 89.6





#62

Azobenzene

Concen: 41.08 ng

RT: 11.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

Tgt Ion: 77 Resp: 224049

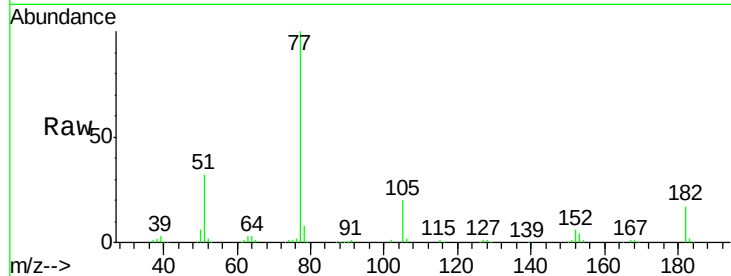
Ion Ratio Lower Upper

77 100

182 16.8 0.0 38.9

105 20.3 1.3 41.3

51 31.5 11.1 51.1

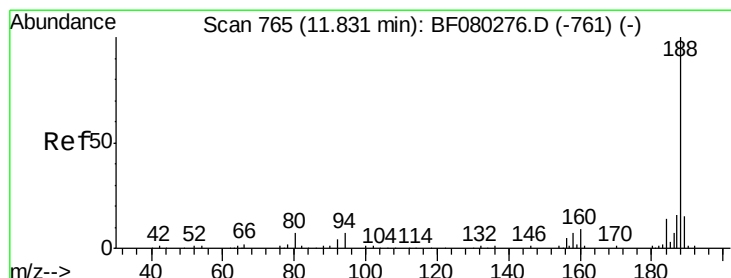
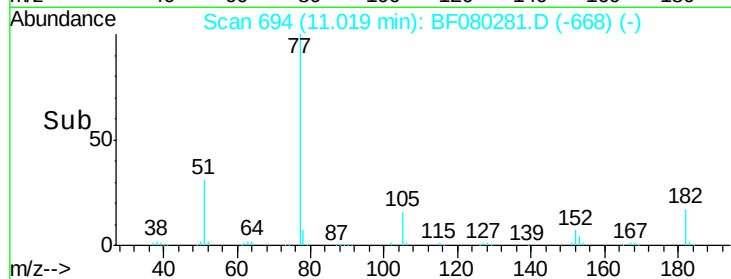
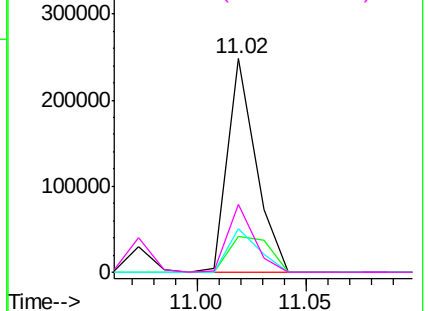


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.83 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

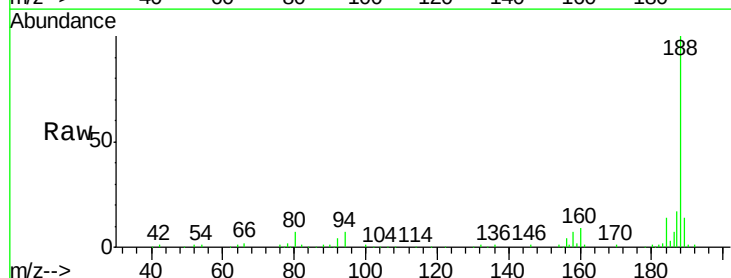
Tgt Ion: 188 Resp: 143831

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

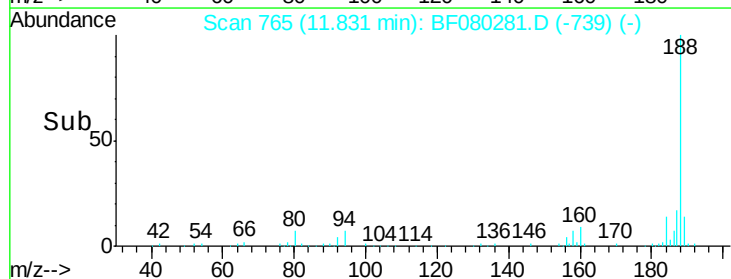
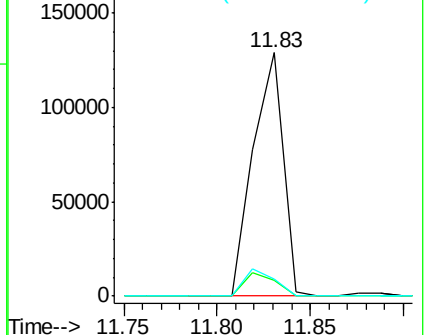
80 6.8 5.8 8.6

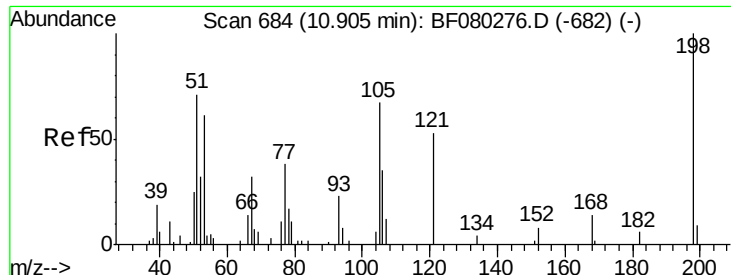


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

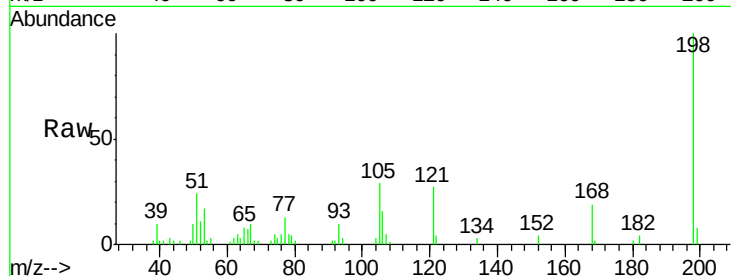




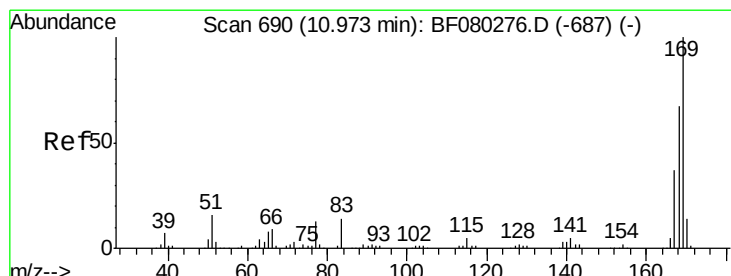
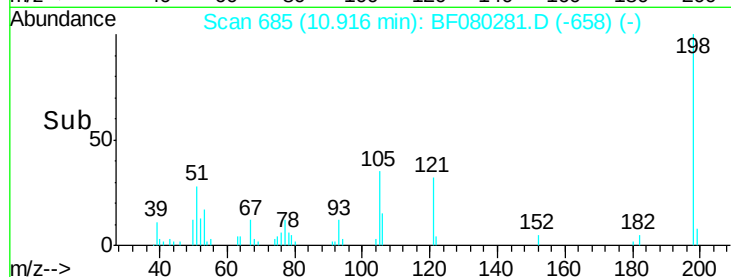
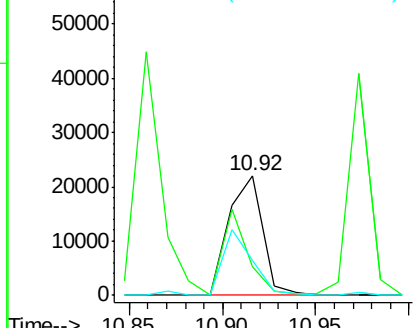
#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.70 ng
 RT: 10.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:198 Resp: 28055
 Ion Ratio Lower Upper
 198 100
 51 23.6 63.7 103.7#
 105 29.4 46.9 86.9#

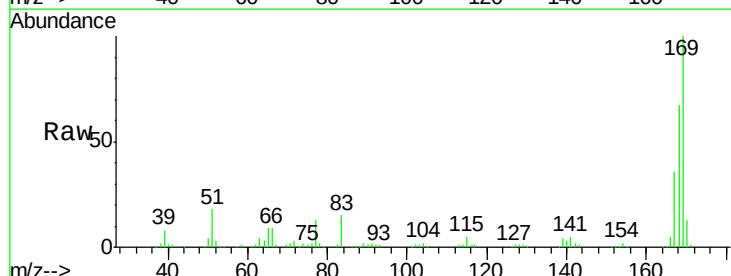


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

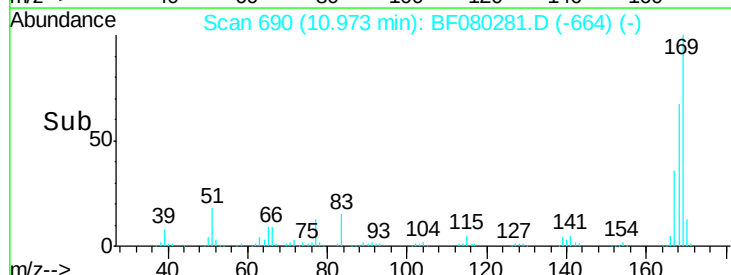
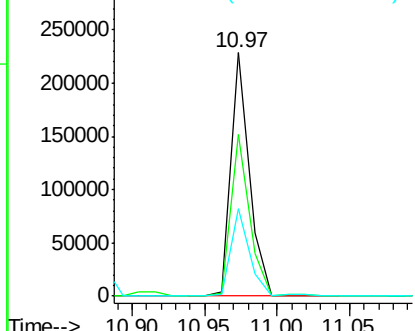


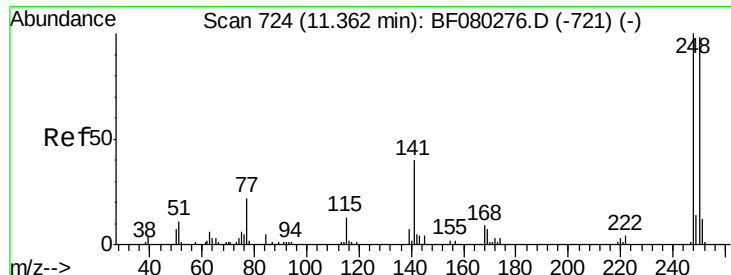
#65
 n-Nitrosodiphenylamine
 Concen: 42.55 ng
 RT: 10.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:169 Resp: 201082
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.6 80.4
 167 36.1 29.9 44.9



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

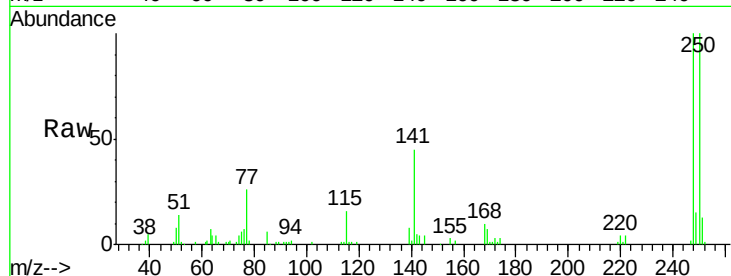




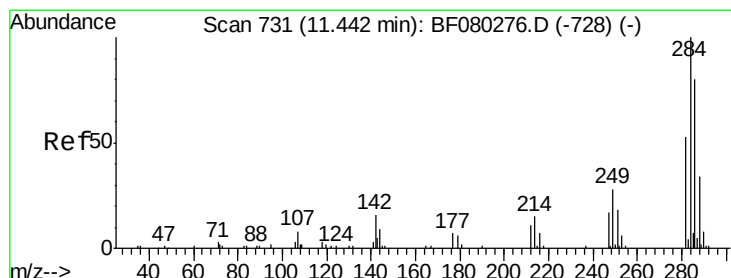
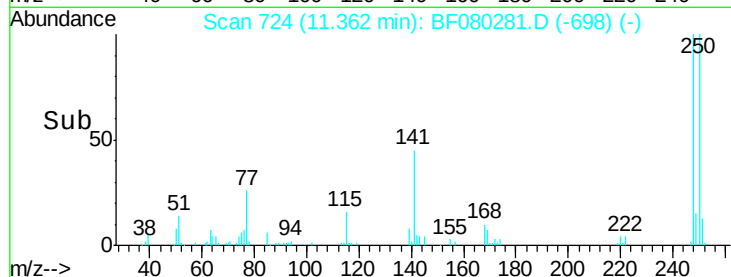
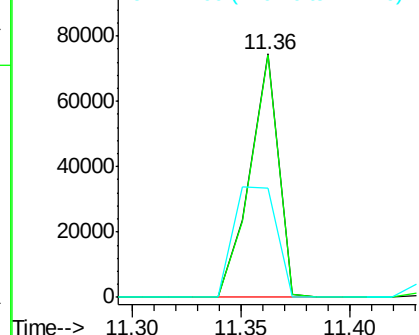
#66
 4-Bromophenyl-phenylether
 Concen: 43.74 ng
 RT: 11.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:248 Resp: 67991
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.2 117.4
 141 45.1 31.9 47.9

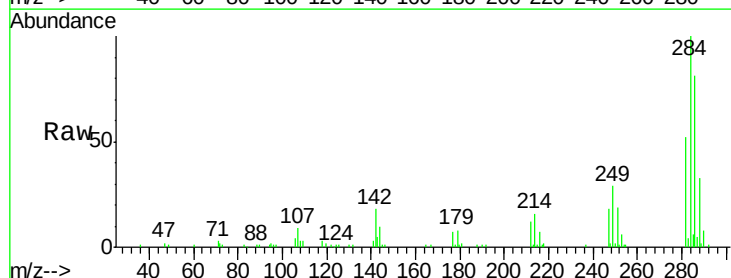


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

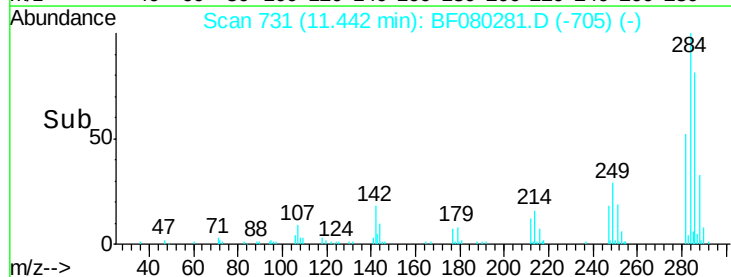
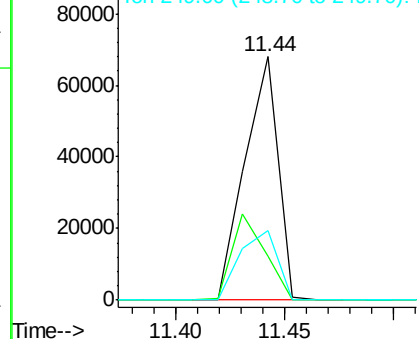


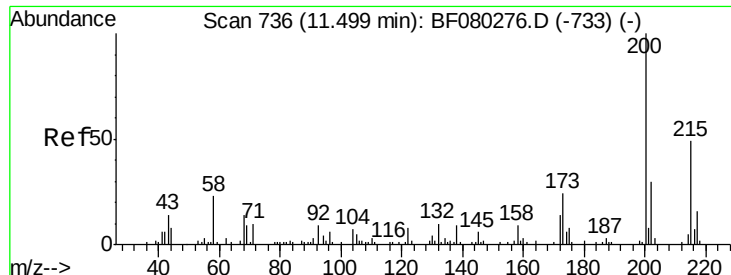
#67
 Hexachlorobenzene
 Concen: 43.21 ng
 RT: 11.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:284 Resp: 71984
 Ion Ratio Lower Upper
 284 100
 142 18.3 12.5 18.7
 249 28.5 22.4 33.6



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

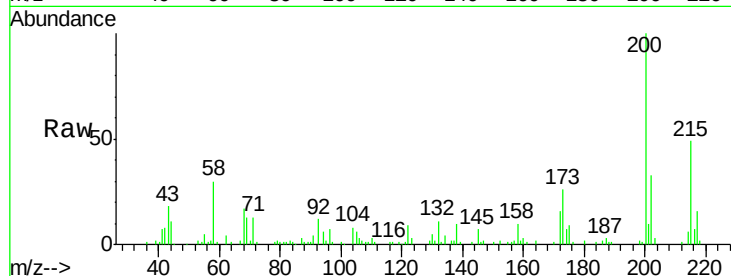




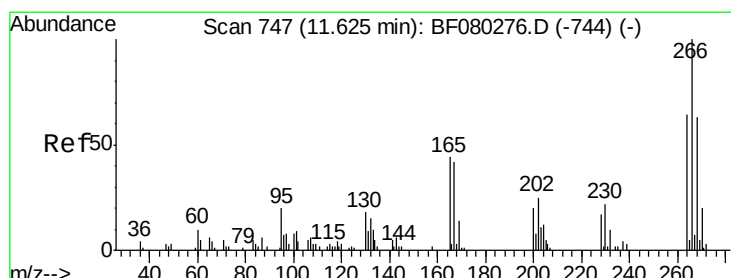
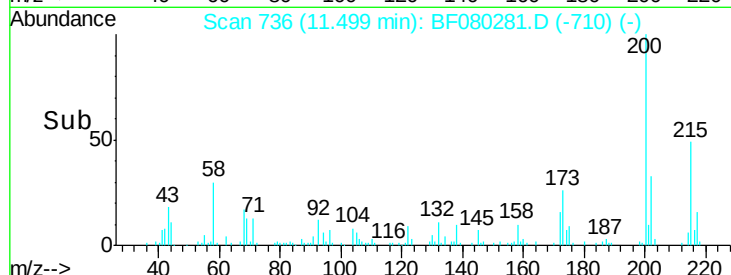
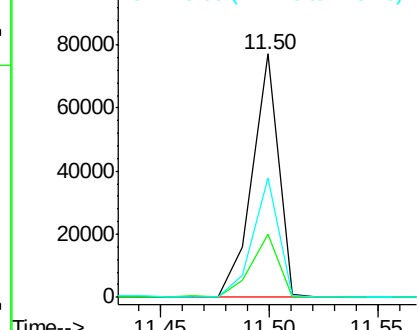
#68
Atrazine
Concen: 45.17 ng
RT: 11.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Instrument :
BNA_F
ClientSampled :
PB84270BS

Tgt Ion:200 Resp: 64544
Ion Ratio Lower Upper
200 100
173 26.1 3.5 43.5
215 49.1 28.6 68.6

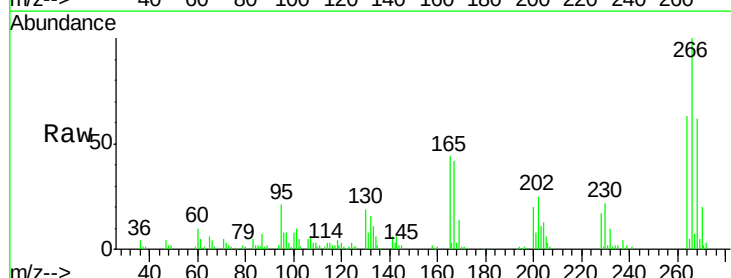


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

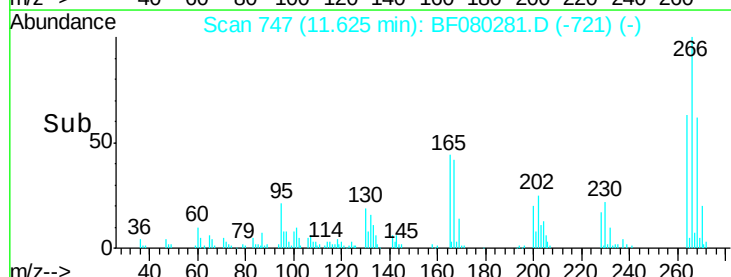
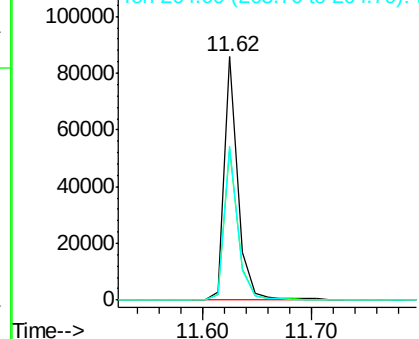


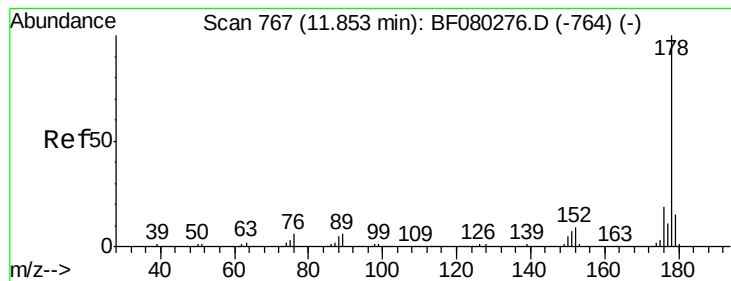
#69
Pentachlorophenol
Concen: 84.07 ng
RT: 11.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion:266 Resp: 76336
Ion Ratio Lower Upper
266 100
268 62.0 50.7 76.1
264 63.1 51.3 76.9



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: 43.55 ng

RT: 11.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

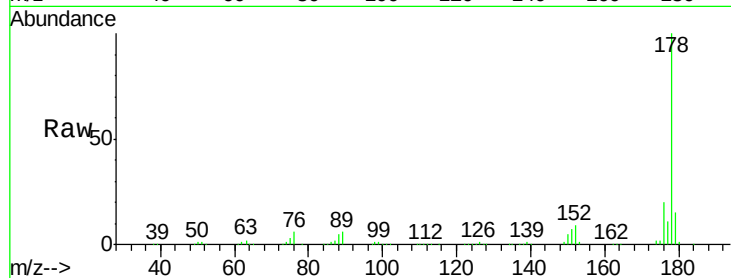
Tgt Ion:178 Resp: 375297

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

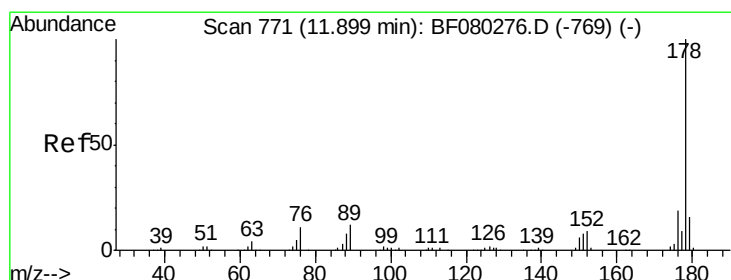
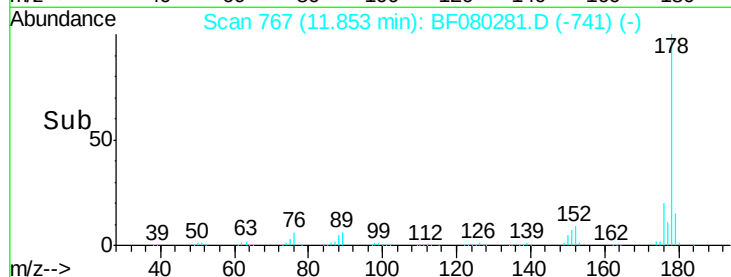
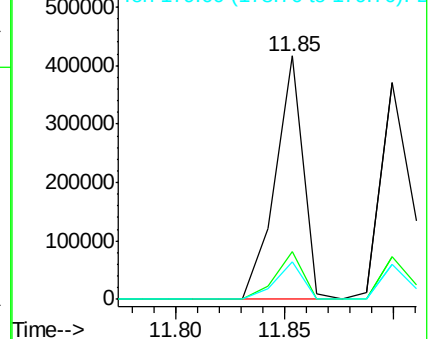
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.26 ng

RT: 11.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

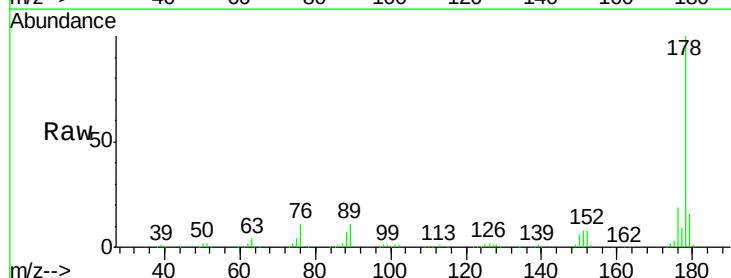
Tgt Ion:178 Resp: 357647

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

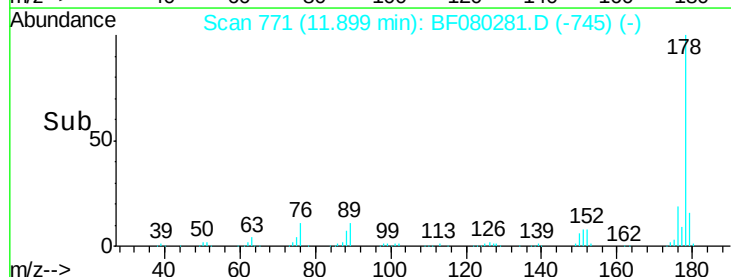
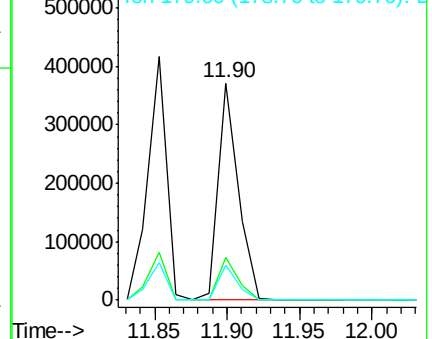
179 15.9 12.6 18.8

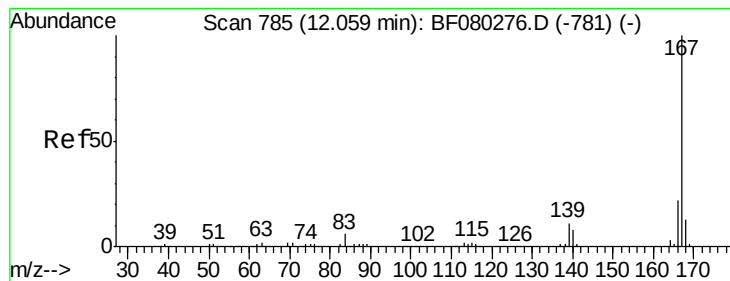


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.24 ng

RT: 12.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

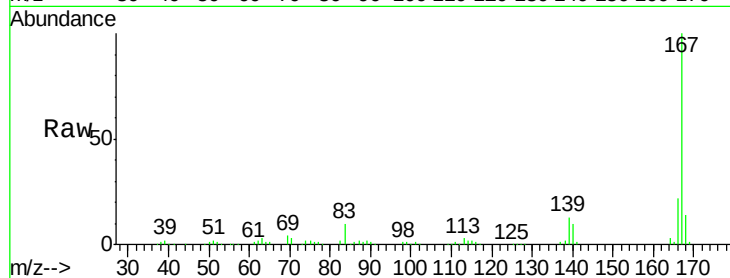
Tgt Ion:167 Resp: 318898

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

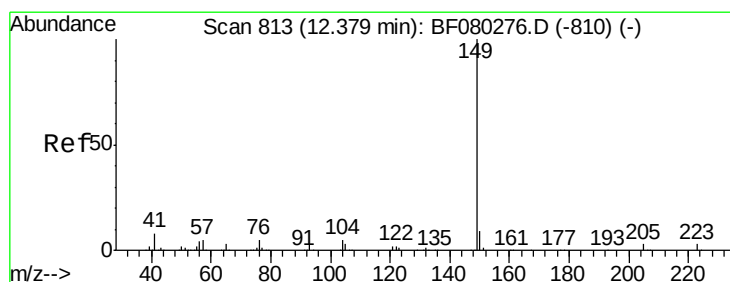
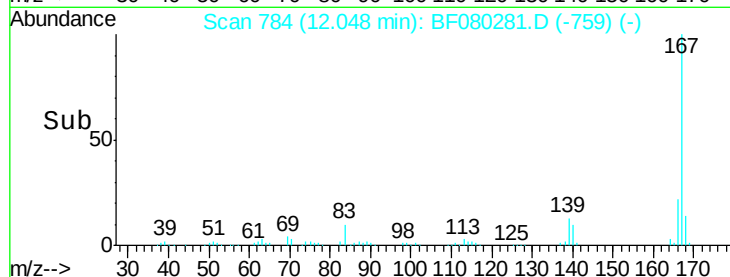
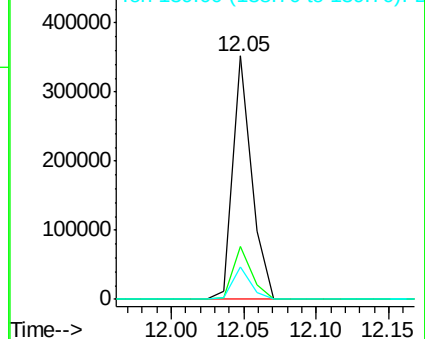
139 13.5 8.6 13.0#



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: 41.96 ng

RT: 12.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

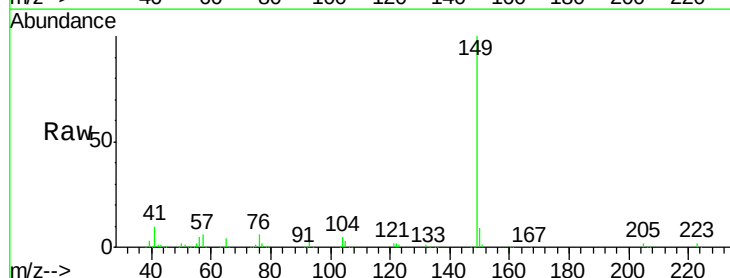
Tgt Ion:149 Resp: 348105

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

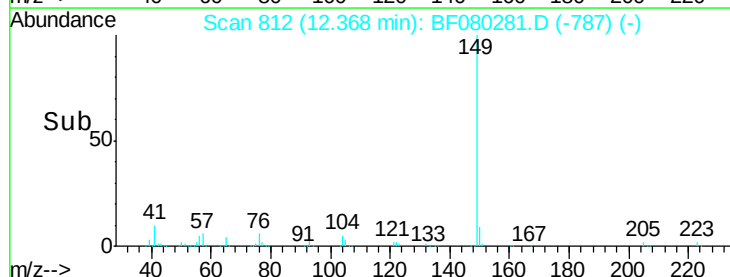
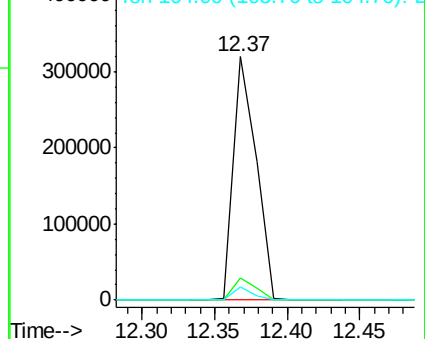
104 5.3 3.7 5.5

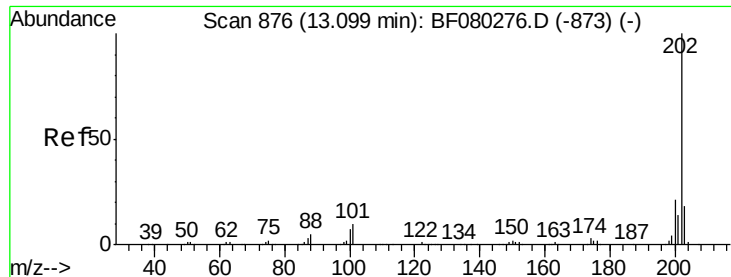


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

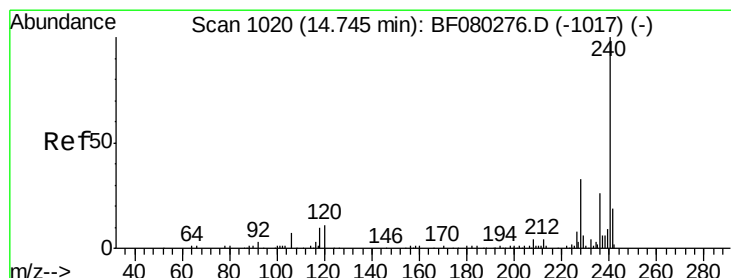
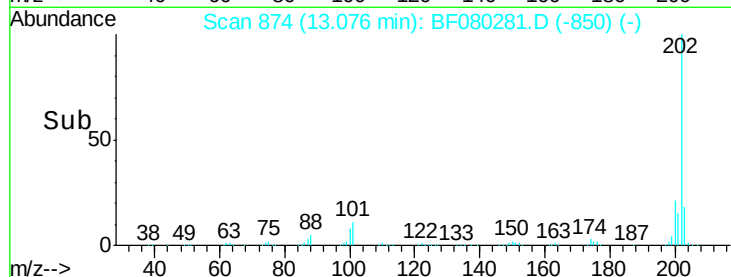
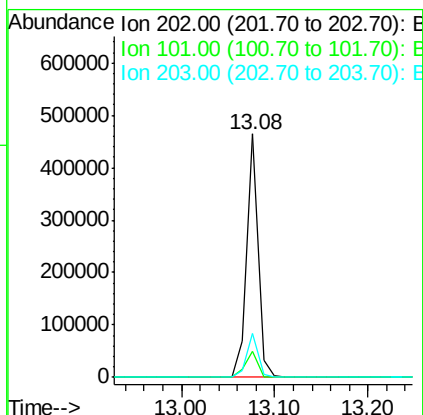
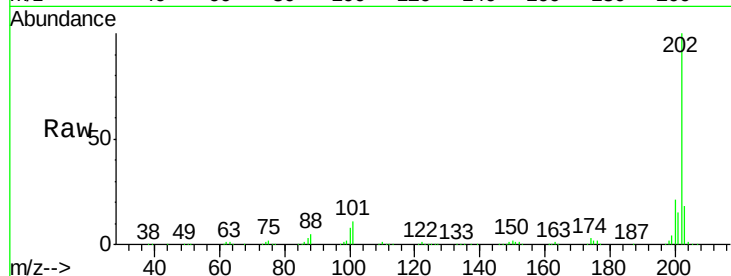




#74
 Fluoranthene
 Concen: 44.22 ng
 RT: 13.08 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

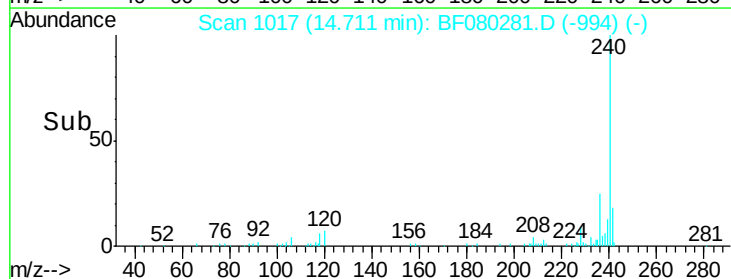
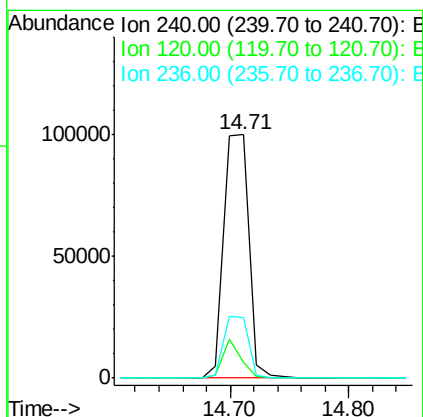
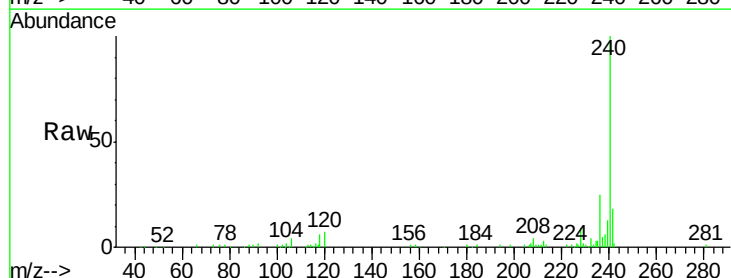
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

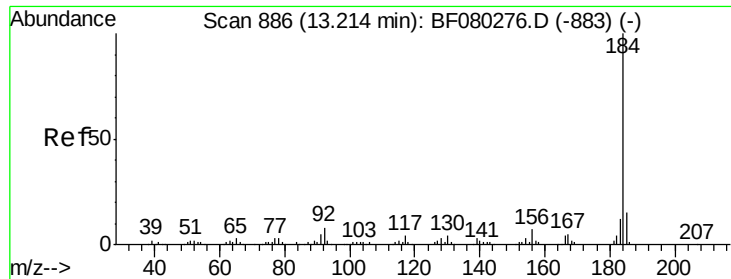
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.9	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1017
 Delta R.T. -0.03 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.7	13.1#
236	24.8	20.9	31.3





#76

Benzidine

Concen: 47.16 ng

RT: 13.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

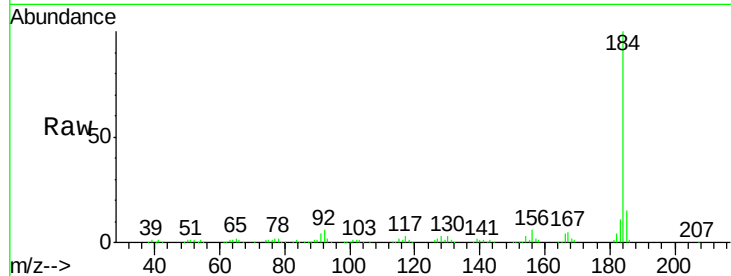
Tgt Ion:184 Resp: 201538

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

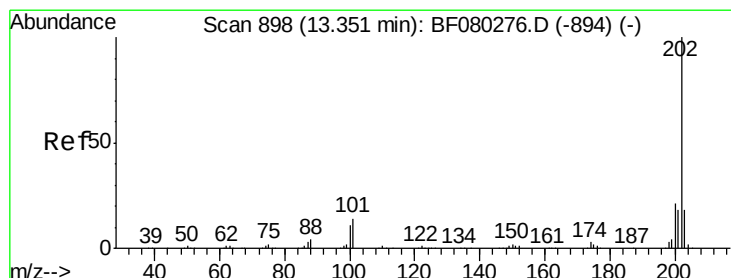
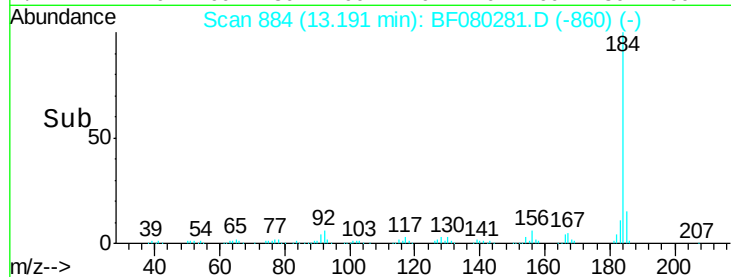
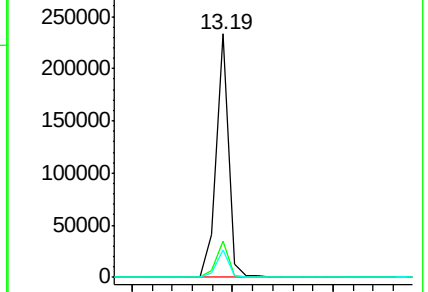
183 11.0 9.4 14.0



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: 43.06 ng

RT: 13.33 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

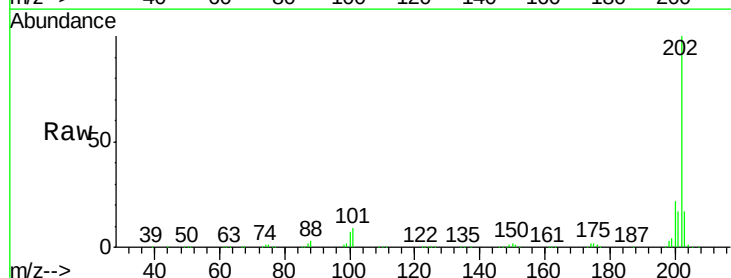
Tgt Ion:202 Resp: 402292

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

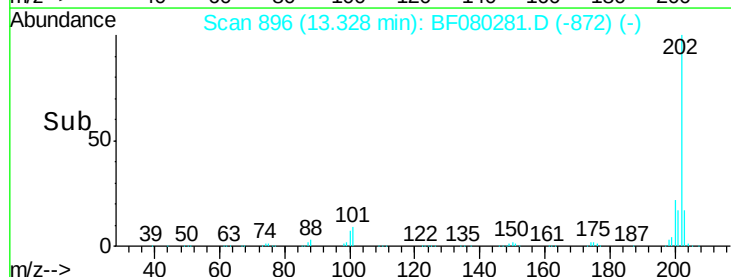
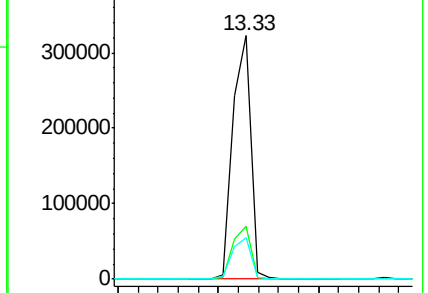
203 17.2 14.0 21.0

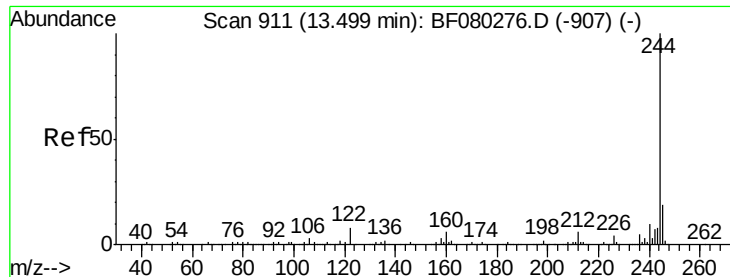


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

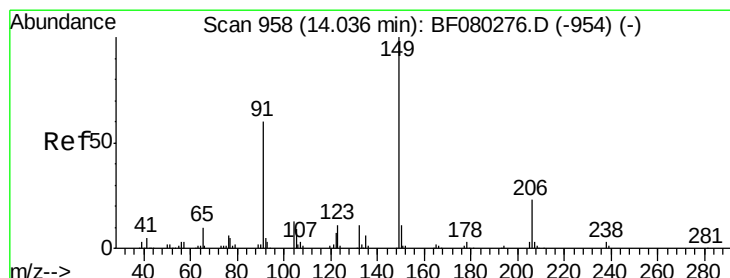
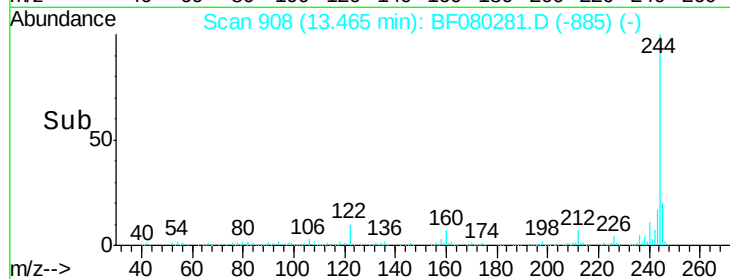
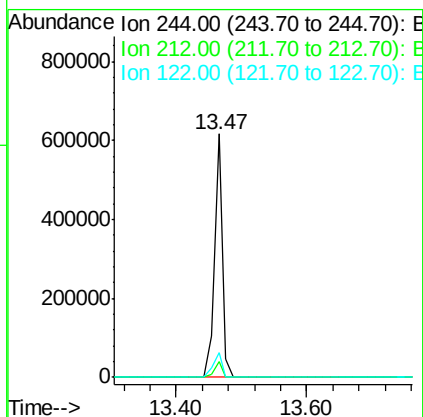
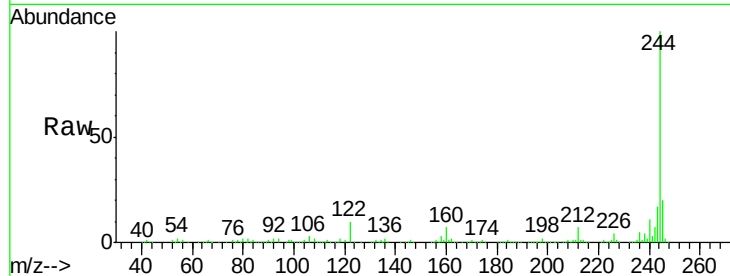




#78
 Terphenyl-d14
 Concen: 85.79 ng
 RT: 13.47 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

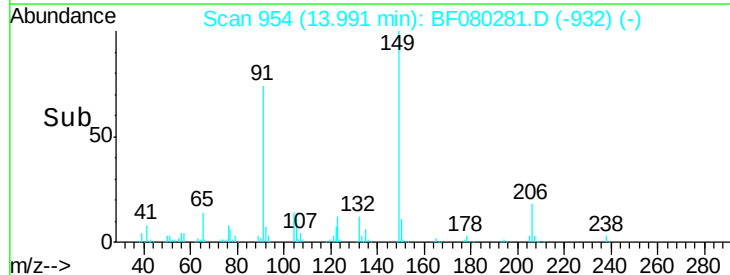
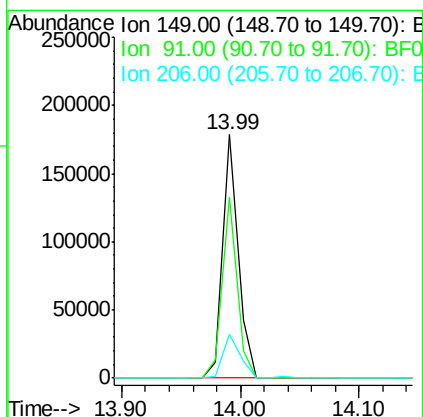
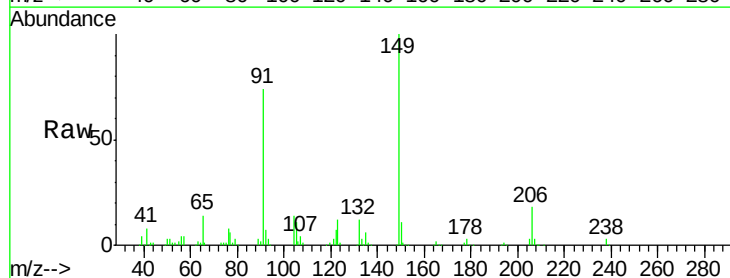
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

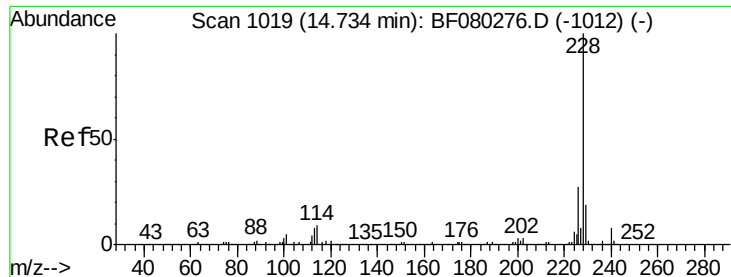
Tgt Ion:244 Resp: 534556
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.6
 122 10.3 6.6 9.8#



#79
 Butylbenzylphthalate
 Concen: 44.88 ng
 RT: 13.99 min Scan# 954
 Delta R.T. -0.05 min
 Lab File: BF080281.D
 Acq: 1 Jul 2015 20:40

Tgt Ion:149 Resp: 160748
 Ion Ratio Lower Upper
 149 100
 91 74.3 48.1 72.1#
 206 18.0 18.1 27.1#





#80

Benzo(a)anthracene

Concen: 41.31 ng

RT: 14.69 min Scan# 1015

Delta R.T. -0.05 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

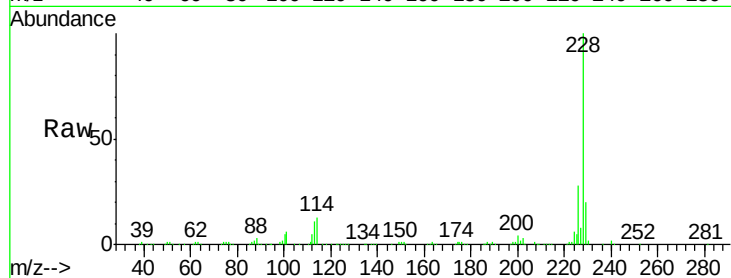
Tgt Ion:228 Resp: 364320

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

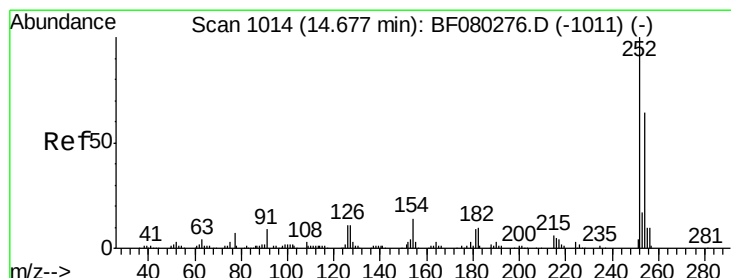
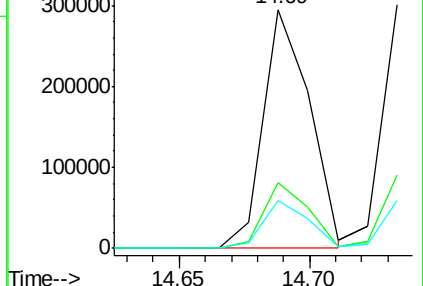
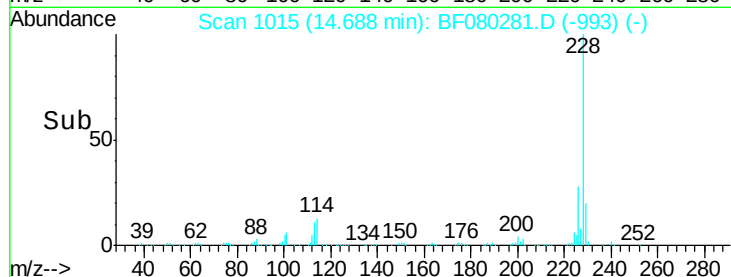
229 19.8 15.5 23.3



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: 22.61 ng

RT: 14.63 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

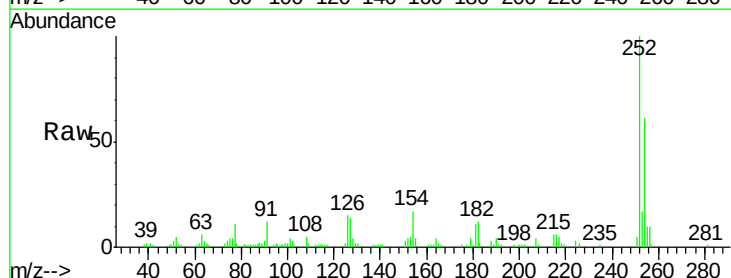
Tgt Ion:252 Resp: 65098

Ion Ratio Lower Upper

252 100

254 61.1 50.8 76.2

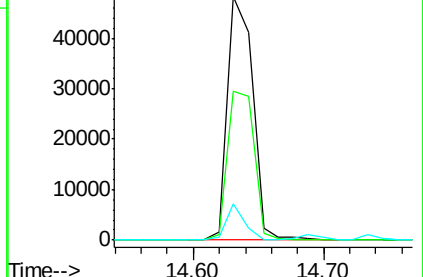
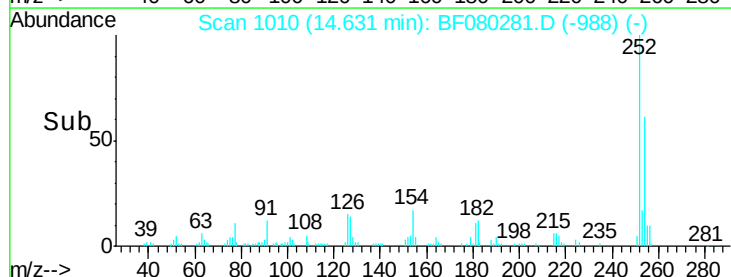
126 15.0 9.0 13.6#

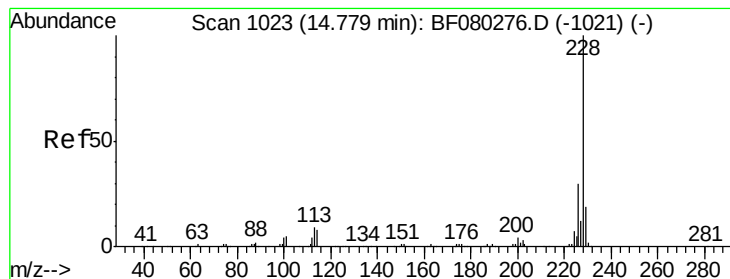


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.87 ng

RT: 14.73 min Scan# 1019

Delta R.T. -0.05 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

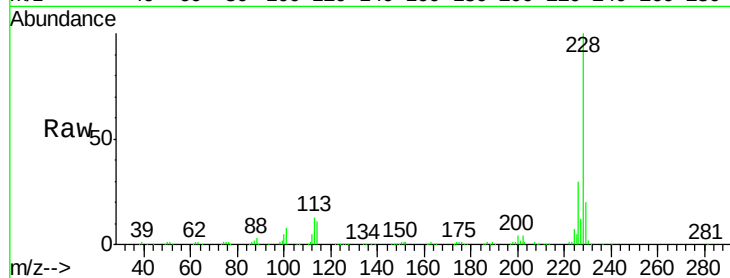
Tgt Ion:228 Resp: 340464

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

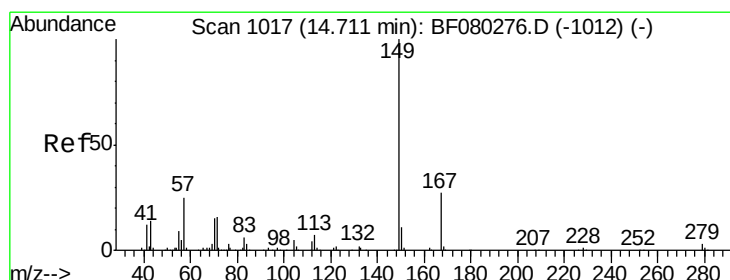
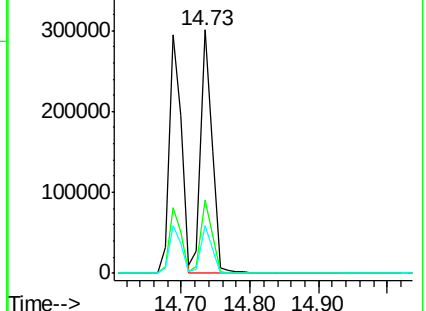
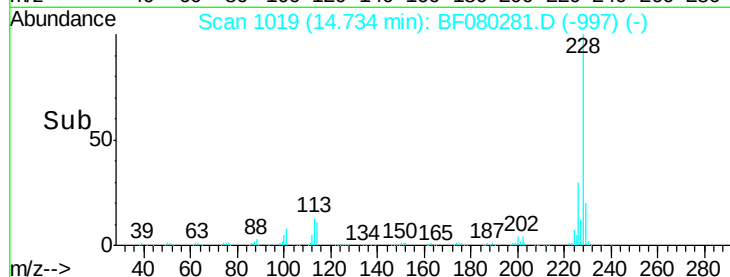
229 19.8 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.94 ng

RT: 14.67 min Scan# 1013

Delta R.T. -0.05 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

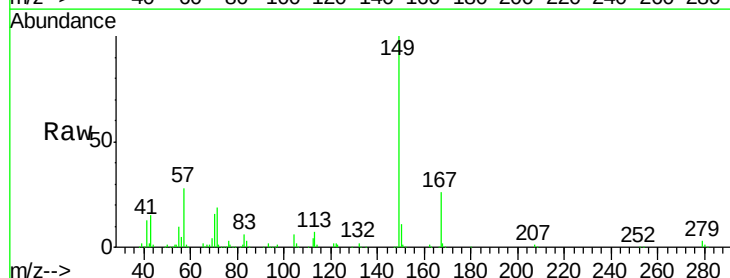
Tgt Ion:149 Resp: 226580

Ion Ratio Lower Upper

149 100

167 25.9 21.7 32.5

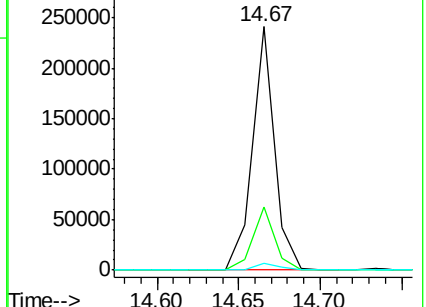
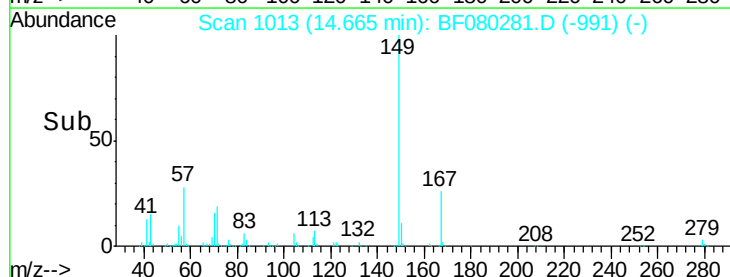
279 2.8 2.7 4.1

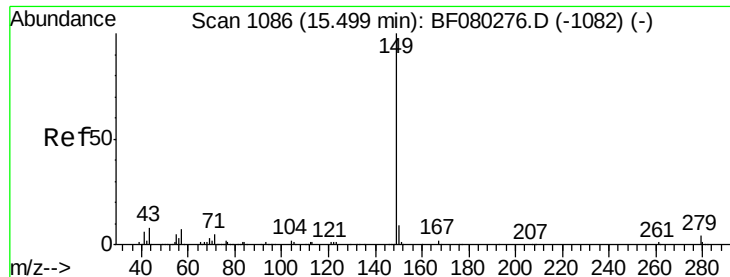


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.98 ng

RT: 15.45 min Scan# 1082

Delta R.T. -0.05 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

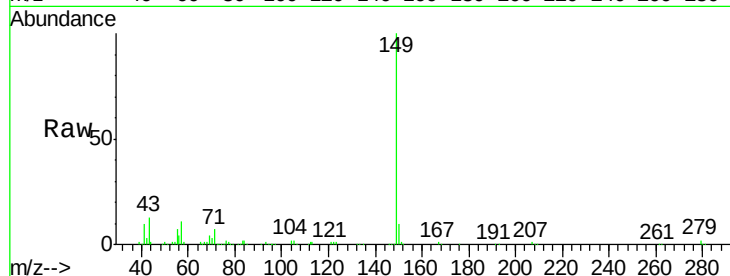
Tgt Ion:149 Resp: 373613

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

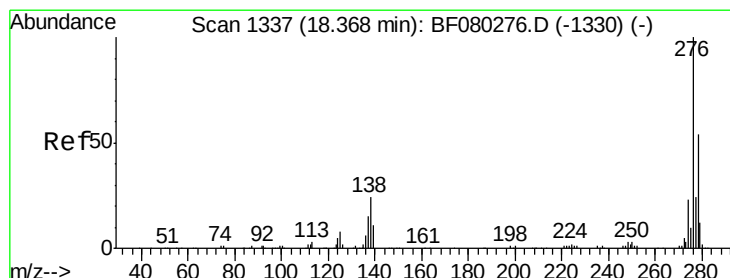
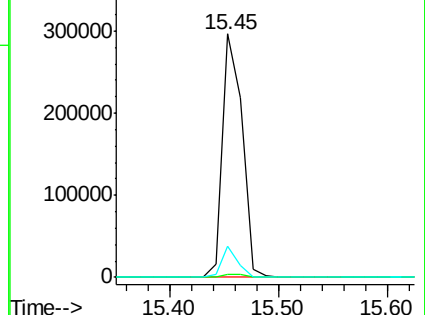
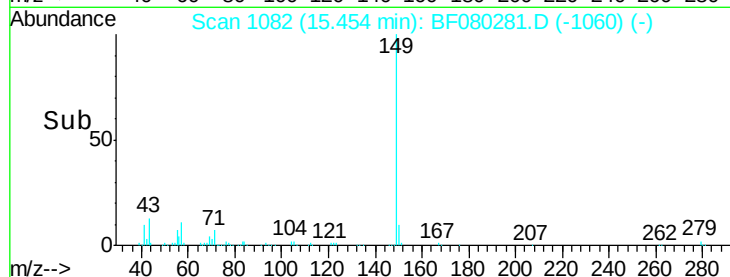
43 11.1 8.3 12.5



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: 39.40 ng

RT: 18.33 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

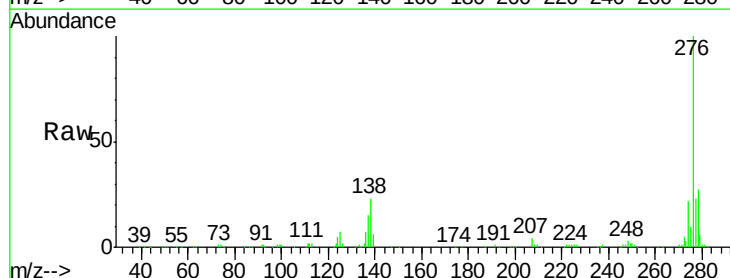
Tgt Ion:276 Resp: 360198

Ion Ratio Lower Upper

276 100

138 26.0 21.0 31.6

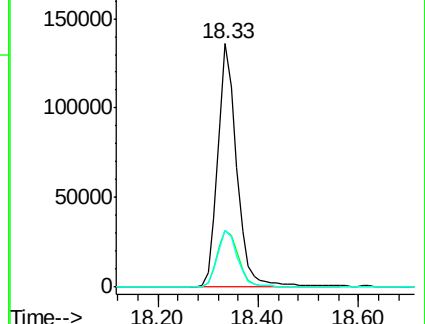
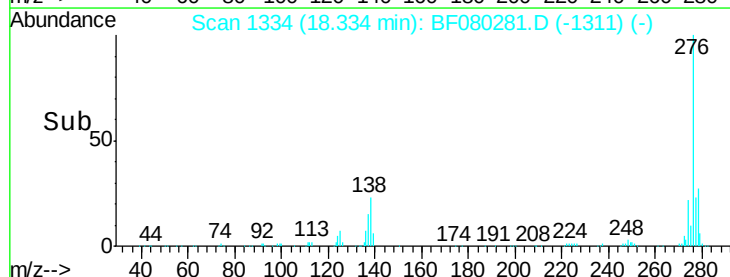
277 24.7 19.4 29.0

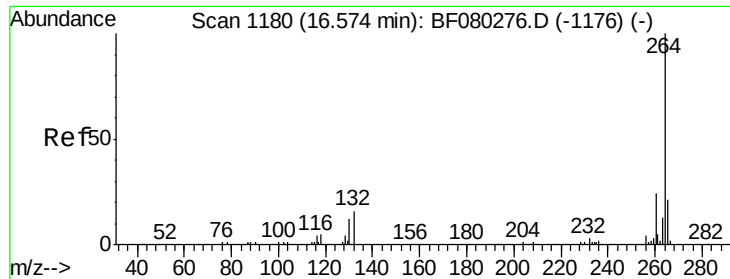


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

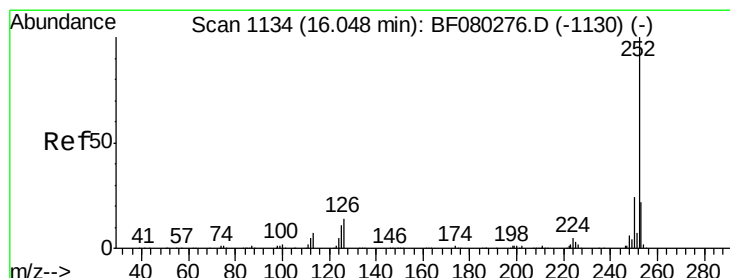
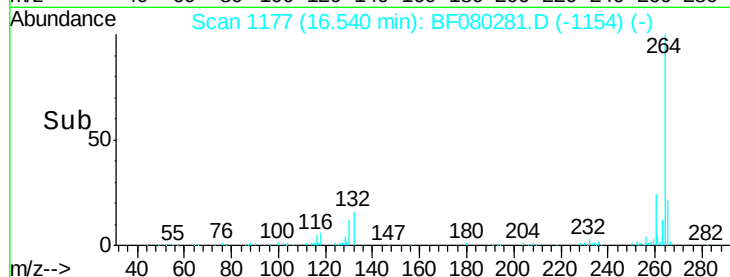
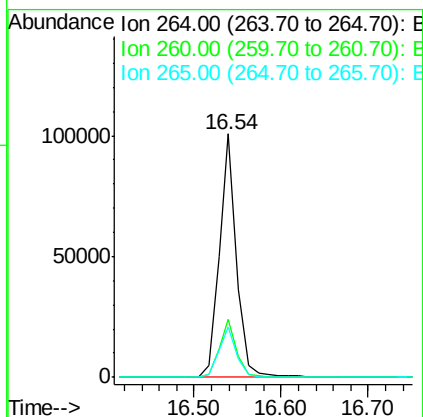
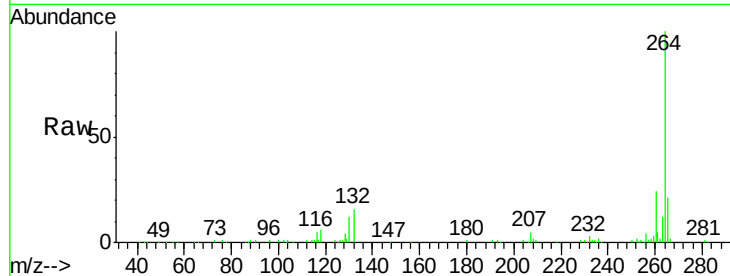




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.54 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

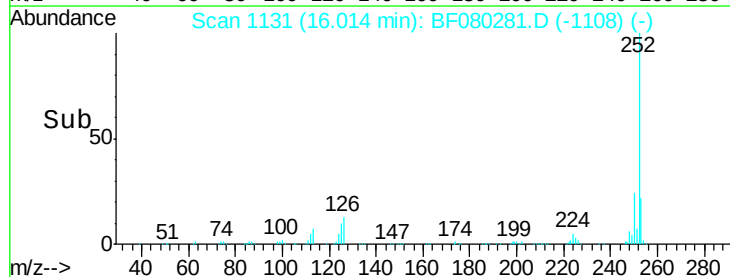
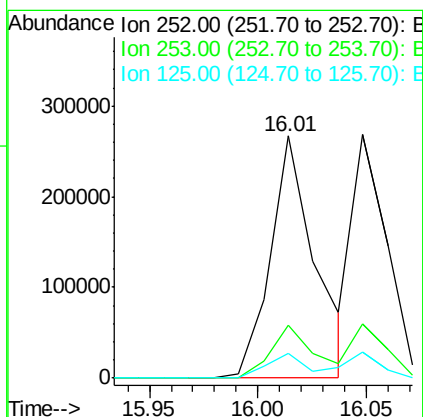
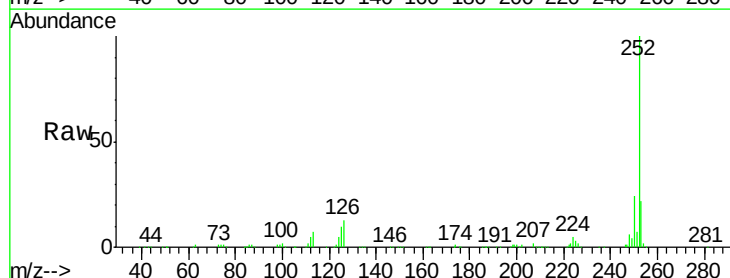
Instrument :
BNA_F
ClientSampleId :
PB84270BS

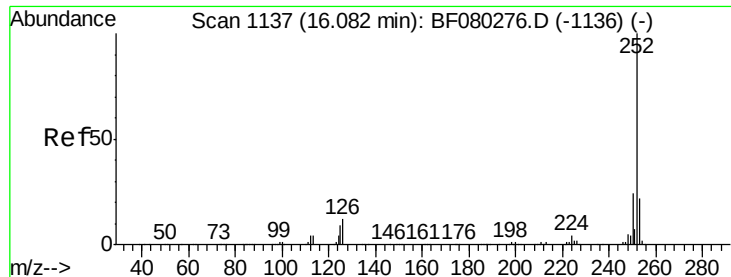
Tgt Ion: 264 Resp: 138546
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.9 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 43.79 ng
RT: 16.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF080281.D
Acq: 1 Jul 2015 20:40

Tgt Ion: 252 Resp: 383210
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.3 8.6 12.8





#88

Benzo(k)fluoranthene

Concen: 37.57 ng

RT: 16.05 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

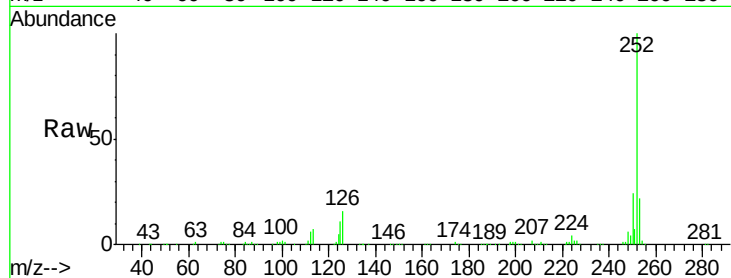
Tgt Ion:252 Resp: 309651

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

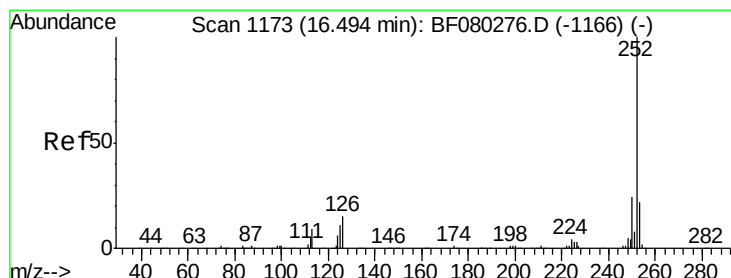
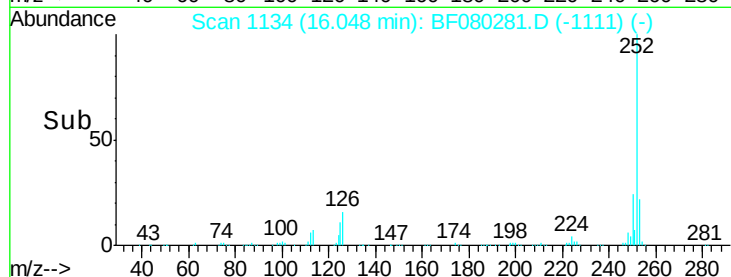
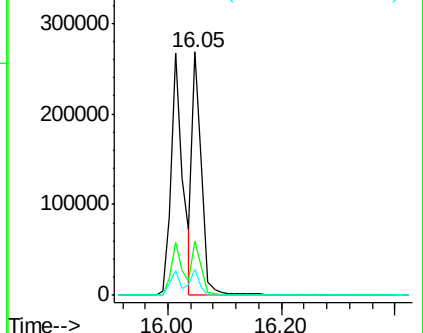
125 10.7 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 41.12 ng

RT: 16.46 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

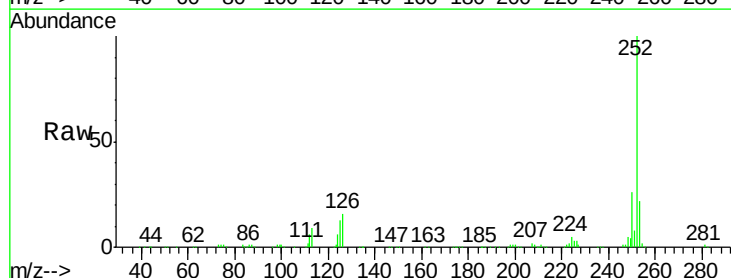
Tgt Ion:252 Resp: 327937

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

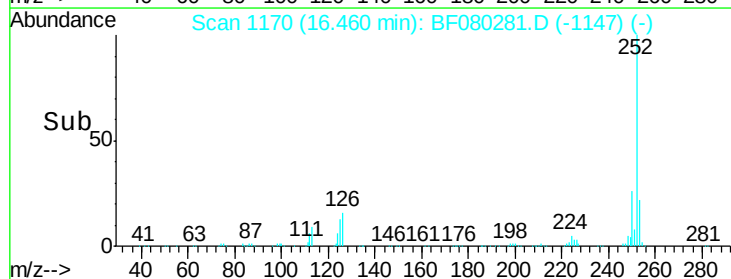
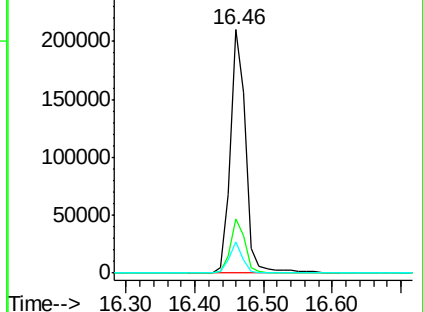
125 12.7 9.0 13.4

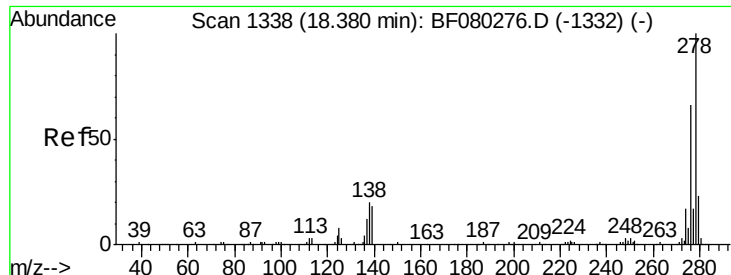


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 39.77 ng

RT: 18.36 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

Instrument :

BNA_F

ClientSampleId :

PB84270BS

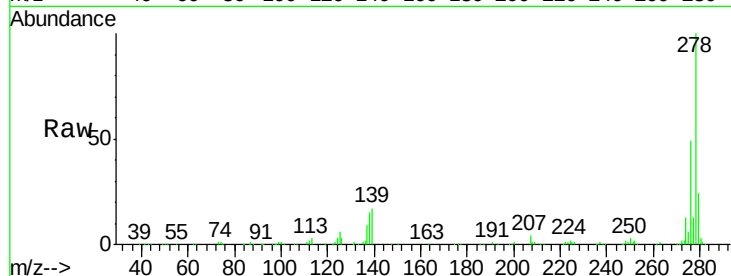
Tgt Ion:278 Resp: 297567

Ion Ratio Lower Upper

278 100

139 16.6 14.6 21.8

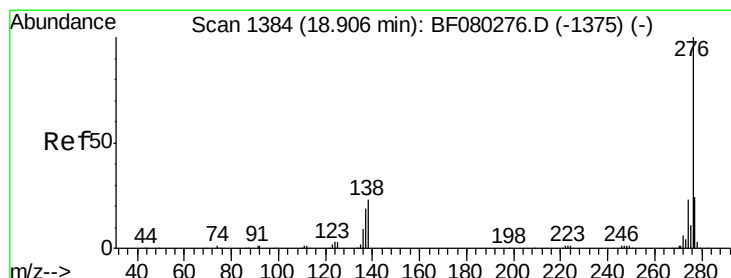
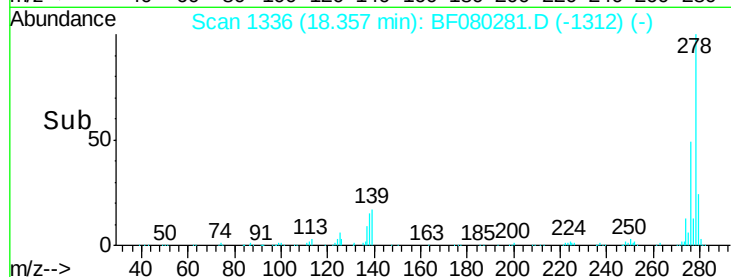
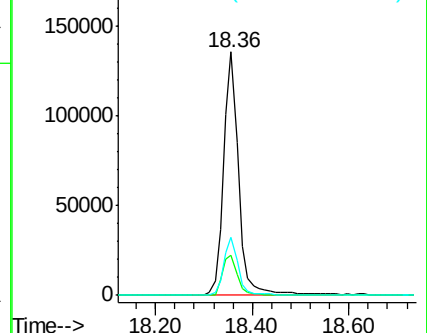
279 23.6 18.7 28.1



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: 39.14 ng

RT: 18.87 min Scan# 1381

Delta R.T. -0.03 min

Lab File: BF080281.D

Acq: 1 Jul 2015 20:40

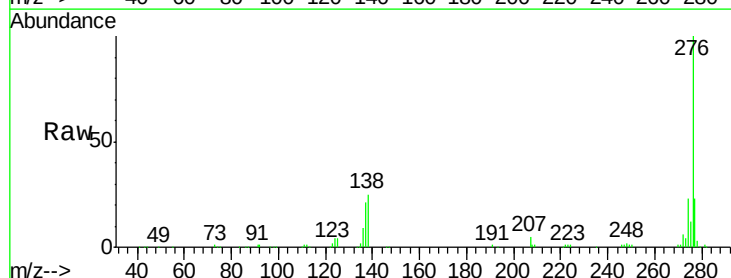
Tgt Ion:276 Resp: 305517

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 25.3 18.1 27.1



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

