

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080316.D
 Acq On : 2 Jul 2015 19:00
 Operator : TP/UM
 Sample : PB84340BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Quant Time: Jul 03 04:18:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	35561	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	133147	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	63965	20.00	ng	0.00
63) Phenanthrene-d10	11.81	188	133852	20.00	ng	0.00
75) Chrysene-d12	14.88	240	144379	20.00	ng	0.02
86) Perylene-d12	16.80	264	136102	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	167665	81.65	ng	0.00
7) Phenol-d6	6.84	99	204587	74.22	ng	0.00
23) Nitrobenzene-d5	7.80	82	192252	79.50	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	58168	95.50	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	413205	92.98	ng	0.00
78) Terphenyl-d14	13.55	244	468993	76.09	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	26718	108.42	ng	# 100
3) Pyridine	3.90	79	82287	32.37	ng	99
4) n-Nitrosodimethylamine	3.80	42	44280	39.11	ng	99
6) Aniline	6.90	93	99135	26.89	ng	89
8) 2-Chlorophenol	7.02	128	90590	40.16	ng	95
9) Benzaldehyde	6.78	77	46063	30.58	ng	95
10) Phenol	6.86	94	101601	33.32	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	77759	33.72	ng	92
12) 1,3-Dichlorobenzene	7.18	146	102105	37.08	ng	97
13) 1,4-Dichlorobenzene	7.18	146	102105	37.25	ng	97
14) 1,2-Dichlorobenzene	7.41	146	97015	35.62	ng	96
15) Benzyl Alcohol	7.37	79	78684	37.08	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.50	45	131168	37.07	ng	99
17) 2-Methylphenol	7.48	107	65842	33.76	ng	# 93
18) Hexachloroethane	7.77	117	30863	36.06	ng	# 69
19) n-Nitroso-di-n-propylamine	7.64	70	58690	32.02	ng	# 87
20) 3+4-Methylphenols	7.63	107	92503	35.71	ng	90
22) Acetophenone	7.64	105	125995	40.50	ng	# 93
24) Nitrobenzene	7.81	77	89087	35.53	ng	94
25) Isophorone	8.05	82	170337	36.24	ng	95
26) 2-Nitrophenol	8.14	139	38909	35.53	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	76468	38.04	ng	94
28) bis(2-Chloroethoxy)methane	8.26	93	107724	38.19	ng	98
29) 2,4-Dichlorophenol	8.38	162	70507	37.97	ng	88
30) 1,2,4-Trichlorobenzene	8.48	180	74076	34.20	ng	# 92
31) Naphthalene	8.56	128	259811	38.31	ng	99
32) Benzoic acid	8.22	122	19750	42.93	ng	91
33) 4-Chloroaniline	8.59	127	68367	23.76	ng	# 93
34) Hexachlorobutadiene	8.67	225	47635	34.91	ng	97
35) Caprolactam	8.93	113	21337	37.88	ng	# 79
36) 4-Chloro-3-methylphenol	9.06	107	71005	35.32	ng	86
37) 2-Methylnaphthalene	9.25	142	168143	36.21	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	76597	35.98	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	66890	79.80	ng	97

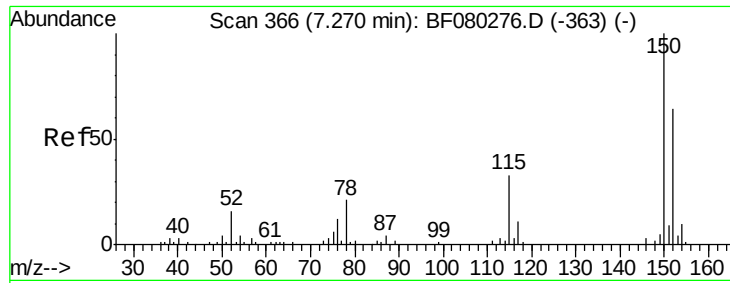
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080316.D
 Acq On : 2 Jul 2015 19:00
 Operator : TP/UM
 Sample : PB84340BSD
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 ALS Vial : 9 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	49441	36.69	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	59897	41.26	ng #	91
45) 1,1'-Biphenyl	9.71	154	227826	41.88	ng	98
46) 2-Chloronaphthalene	9.74	162	161160	38.28	ng #	90
47) 2-Nitroaniline	9.82	65	50448	41.66	ng #	78
48) Acenaphthylene	10.16	152	263603	36.05	ng	100
49) Dimethylphthalate	10.00	163	195681	40.05	ng	98
50) 2,6-Dinitrotoluene	10.06	165	44924	44.97	ng #	70
51) Acenaphthene	10.34	154	171096	40.64	ng	87
52) 3-Nitroaniline	10.24	138	34892	30.45	ng #	81
53) 2,4-Dinitrophenol	10.34	184	35023	83.92	ng #	81
54) Dibenzofuran	10.51	168	240552	40.49	ng	91
55) 4-Nitrophenol	10.38	139	75022	88.58	ng #	75
56) 2,4-Dinitrotoluene	10.48	165	52598	40.61	ng #	66
57) Fluorene	10.85	166	204809	41.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	49156	43.45	ng	95
59) Diethylphthalate	10.70	149	205040	44.15	ng #	93
60) 4-Chlorophenyl-phenylether	10.84	204	89565	40.19	ng #	82
61) 4-Nitroaniline	10.85	138	43073	36.99	ng	80
62) Azobenzene	11.00	77	179989	37.68	ng	83
64) 4,6-Dinitro-2-methylphenol	10.89	198	25962	46.54	ng #	49
65) n-Nitrosodiphenylamine	10.96	169	162253	36.89	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	58577	40.49	ng #	82
67) Hexachlorobenzene	11.41	284	61944	39.95	ng #	78
68) Atrazine	11.47	200	47693	35.87	ng	91
69) Pentachlorophenol	11.61	266	63475	75.82	ng	99
70) Phenanthrene	11.84	178	317281	39.56	ng	100
71) Anthracene	11.89	178	304103	39.52	ng	98
72) Carbazole	12.04	167	277870	38.62	ng #	98
73) Di-n-butylphthalate	12.38	149	318739	41.29	ng	100
74) Fluoranthene	13.13	202	327890	39.57	ng	99
76) Benzidine	13.25	184	188762	44.65	ng	99
77) Pyrene	13.39	202	341571	36.96	ng	100
79) Butylbenzylphthalate	14.12	149	132439	37.38	ng #	82
80) Benzo(a)anthracene	14.87	228	334363	38.32	ng	99
81) 3,3'-Dichlorobenzidine	14.81	252	71783	25.20	ng	100
82) Chrysene	14.91	228	308212	38.32	ng	98
83) Bis(2-ethylhexyl)phthalate	14.85	149	192009	38.50	ng	97
84) Di-n-octyl phthalate	15.71	149	321981	38.31	ng	98
85) Indeno(1,2,3-cd)pyrene	18.60	276	355273	39.29	ng	98
87) Benzo(b)fluoranthene	16.27	252	322859	37.56	ng	100
88) Benzo(k)fluoranthene	16.31	252	303355	37.47	ng	98
89) Benzo(a)pyrene	16.73	252	311230	39.72	ng #	97
90) Dibenzo(a,h)anthracene	18.63	278	300196	40.84	ng	95
91) Benzo(g,h,i)perylene	19.14	276	298723	38.95	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

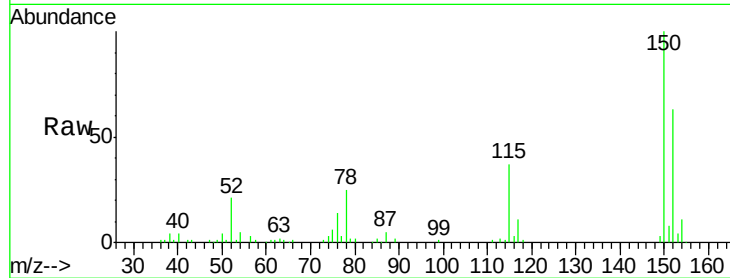
Tgt Ion:152 Resp: 35561

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

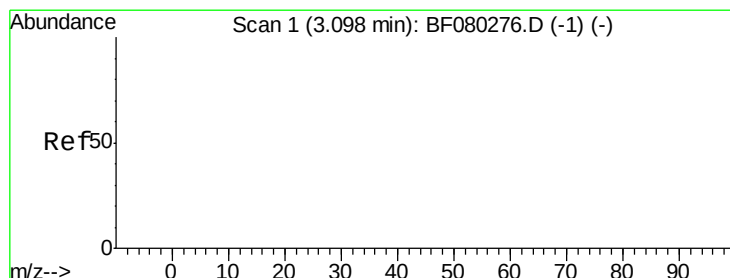
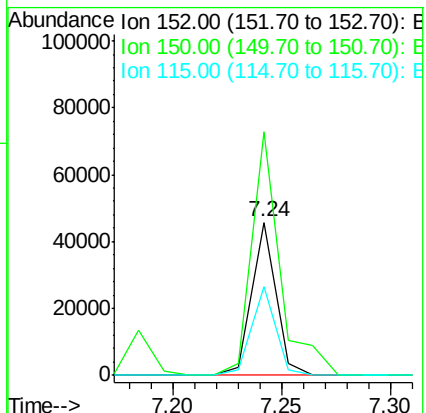
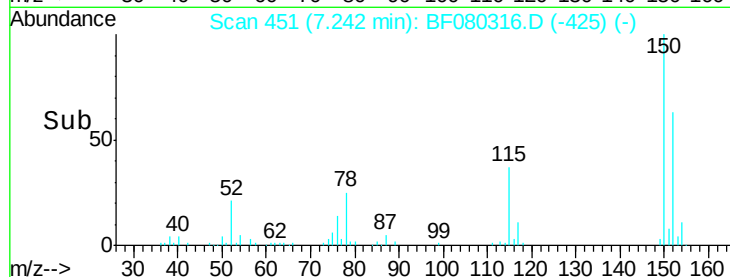
115 58.1 41.0 61.6



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



#2

1,4-Dioxane

Concen: 108.42 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

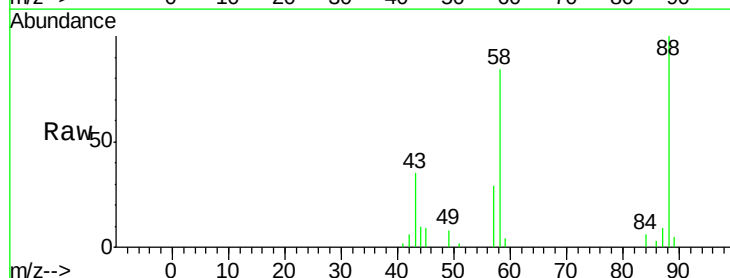
Tgt Ion: 88 Resp: 26718

Ion Ratio Lower Upper

88 100

58 95.9 0.0 0.0#

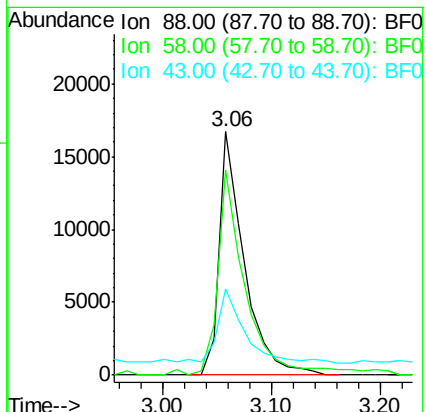
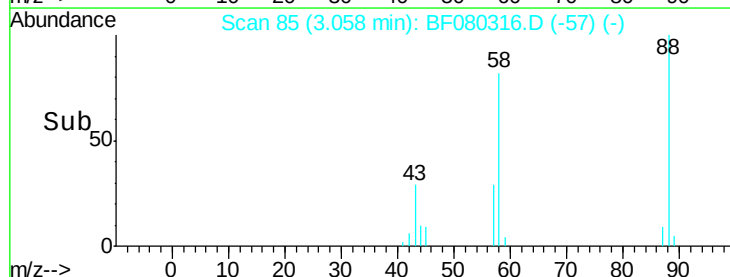
43 33.3 0.0 0.0#

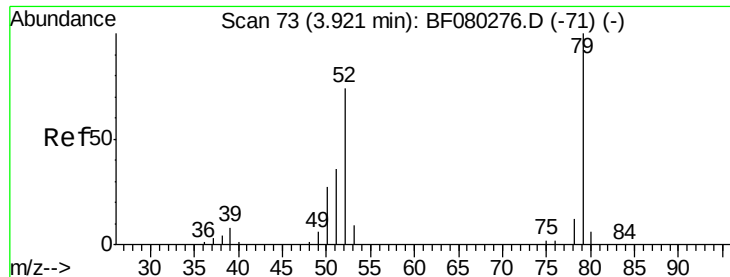


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.37 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

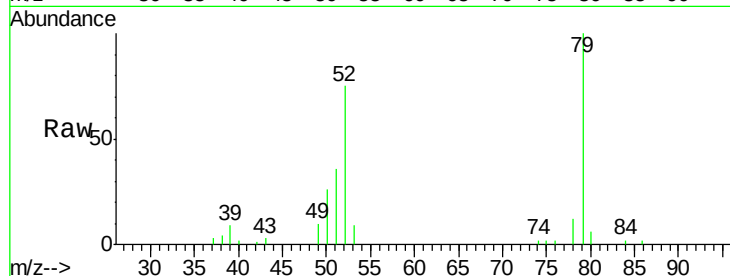
Tgt Ion: 79 Resp: 82287

Ion Ratio Lower Upper

79 100

52 74.9 59.3 88.9

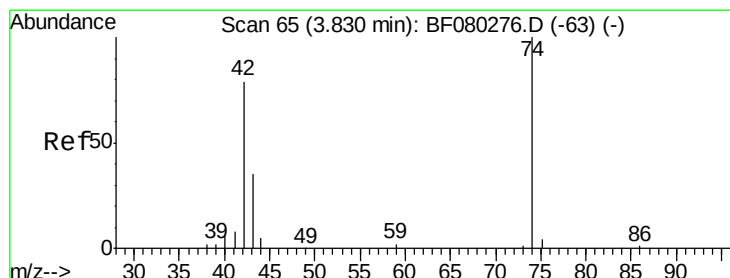
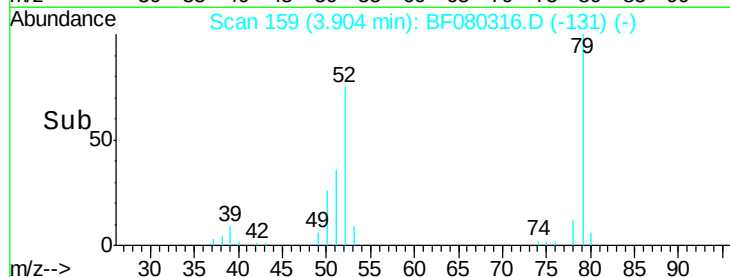
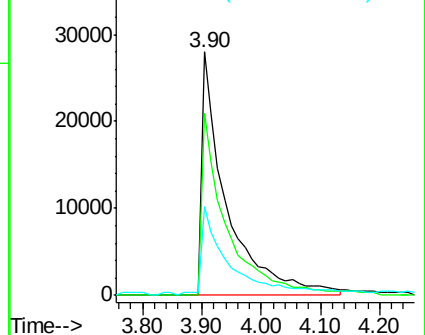
51 36.4 29.0 43.6



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: 39.11 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

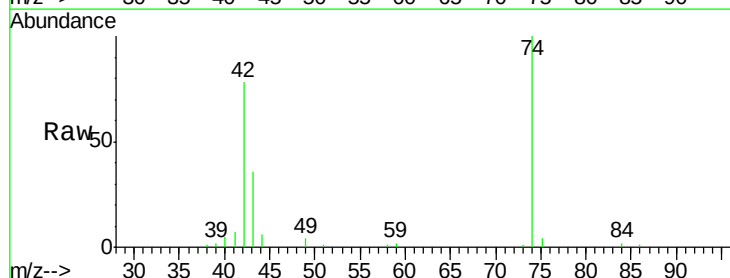
Tgt Ion: 42 Resp: 44280

Ion Ratio Lower Upper

42 100

74 127.9 101.4 152.2

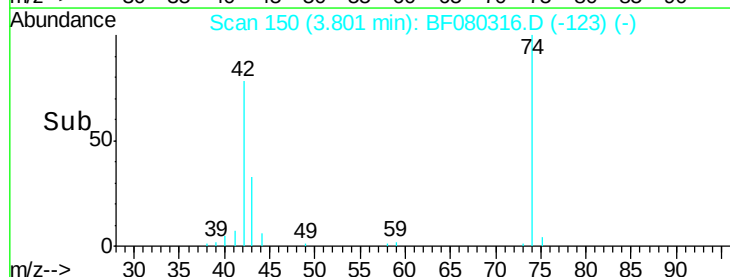
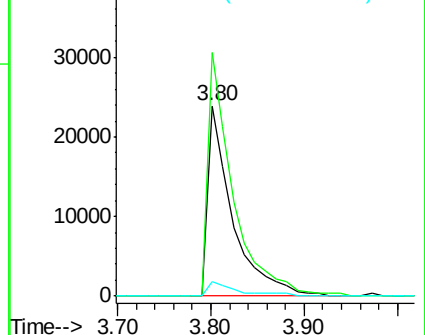
44 7.4 6.3 9.5

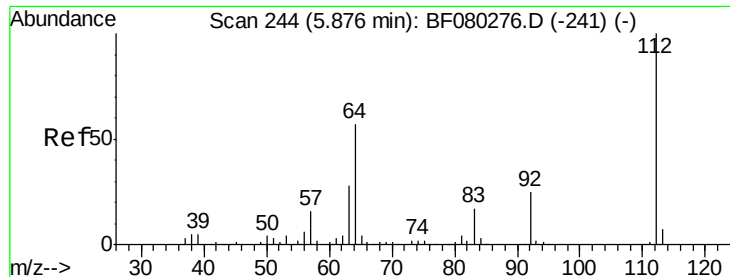


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.65 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

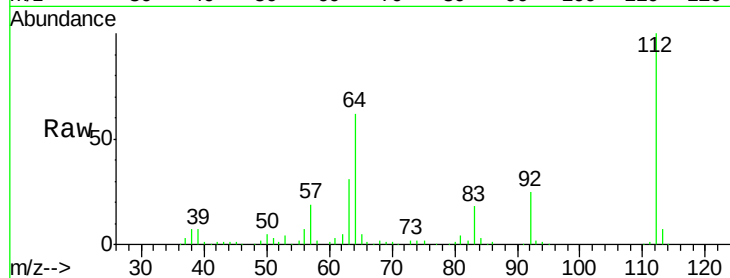
Tgt Ion: 112 Resp: 167665

Ion Ratio Lower Upper

112 100

64 62.0 45.5 68.3

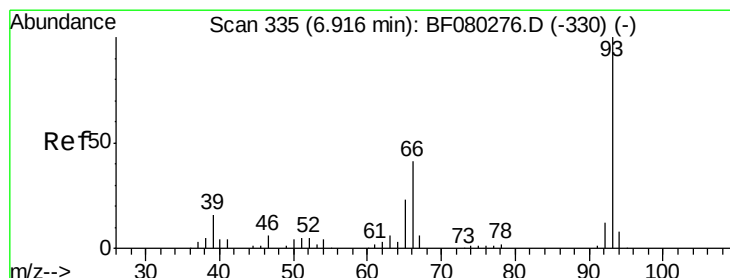
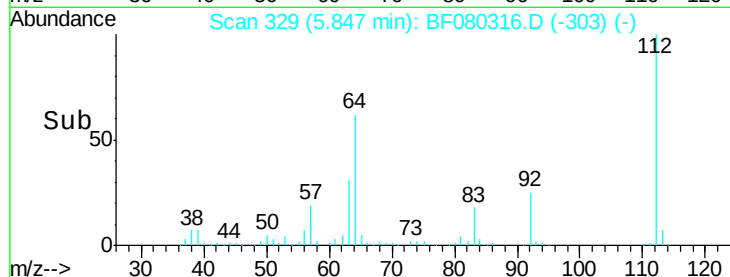
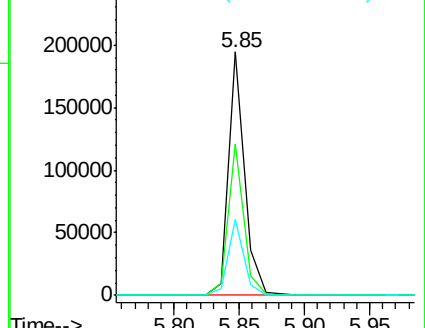
63 31.2 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.89 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

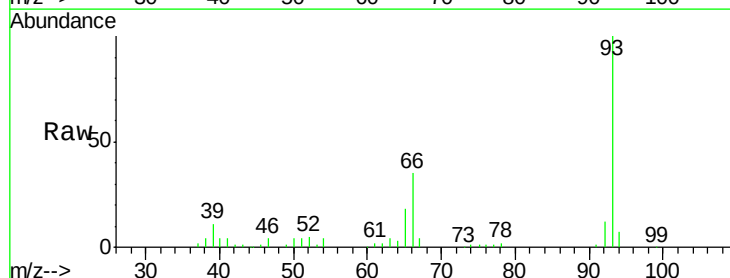
Tgt Ion: 93 Resp: 99135

Ion Ratio Lower Upper

93 100

66 34.9 33.7 50.5

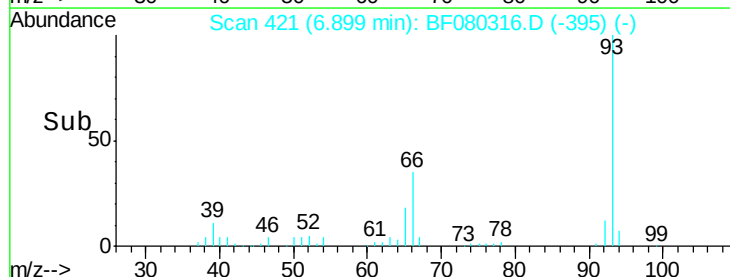
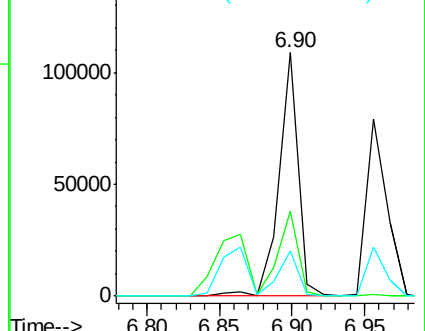
65 18.4 18.3 27.5

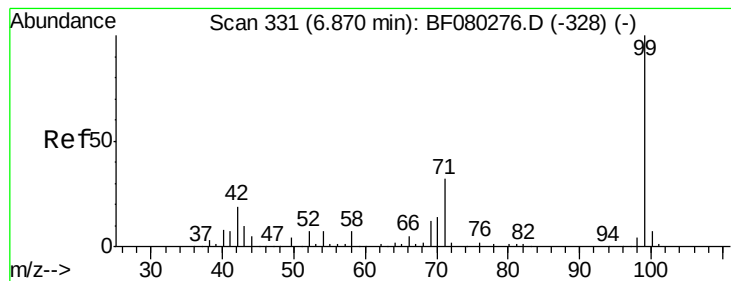


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.22 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

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PB84340BSD

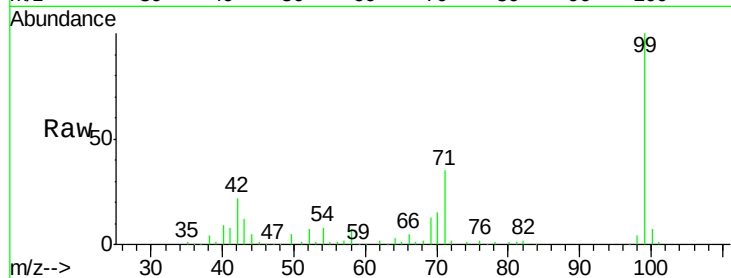
Tgt Ion: 99 Resp: 204587

Ion Ratio Lower Upper

99 100

42 22.5 15.4 23.2

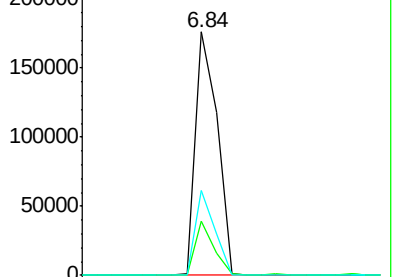
71 35.0 25.8 38.8



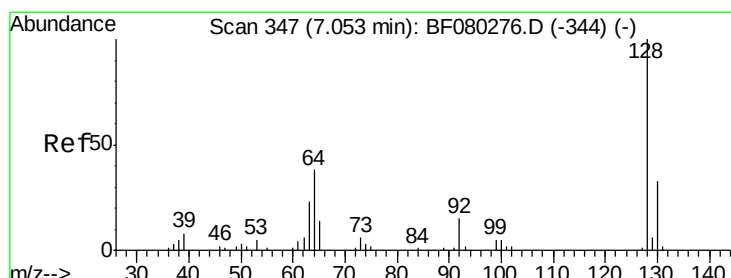
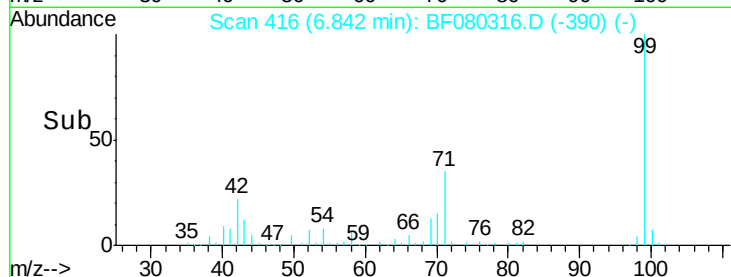
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 40.16 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

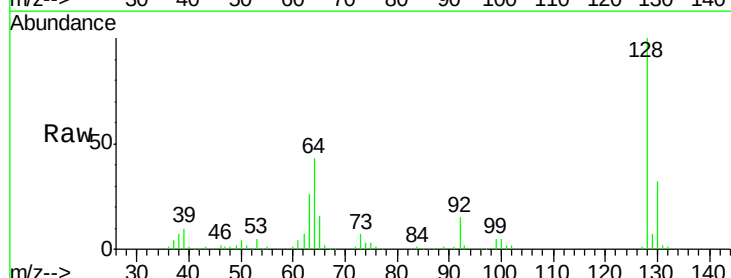
Tgt Ion: 128 Resp: 90590

Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

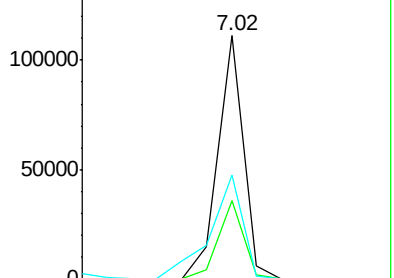
64 42.9 18.5 58.5



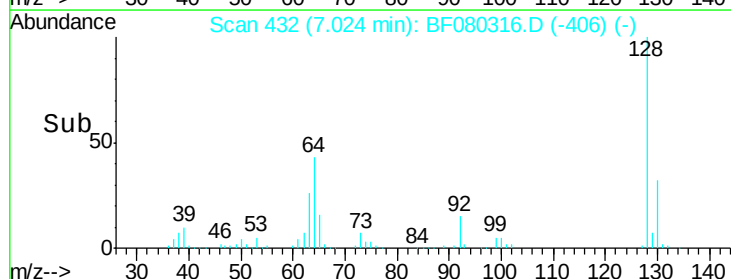
Abundance Ion 128.00 (127.70 to 128.70): E

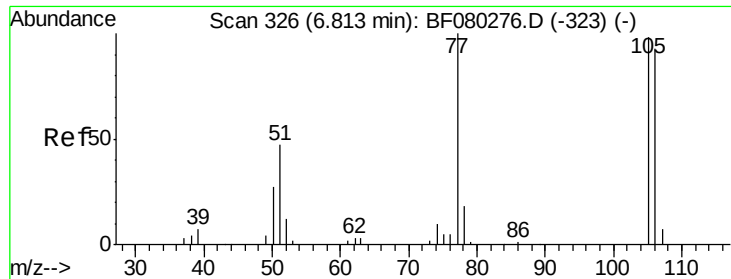
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 30.58 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

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PB84340BSD

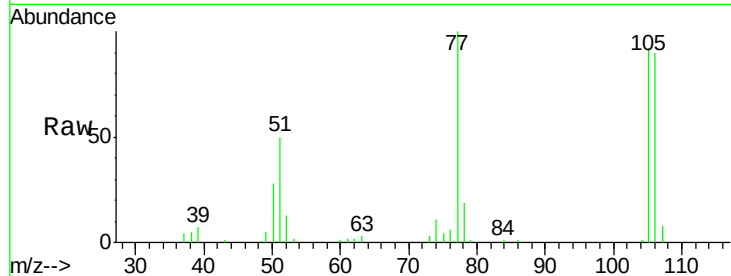
Tgt Ion: 77 Resp: 46063

Ion Ratio Lower Upper

77 100

105 91.6 78.2 118.2

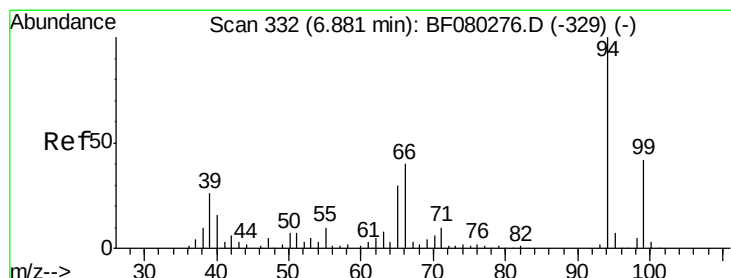
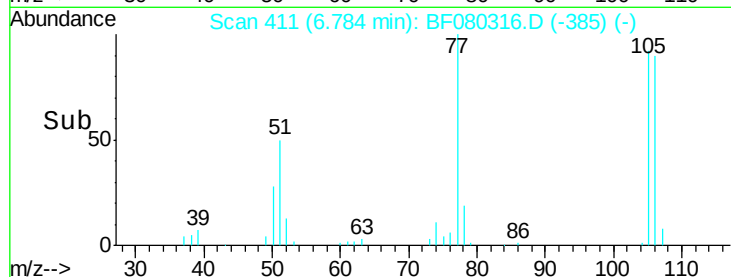
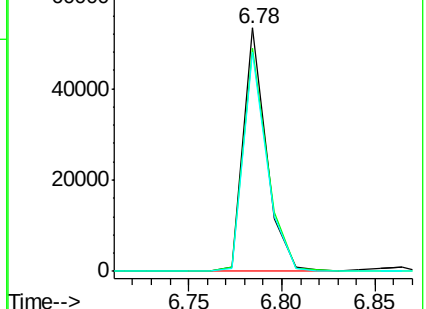
106 89.9 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.32 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

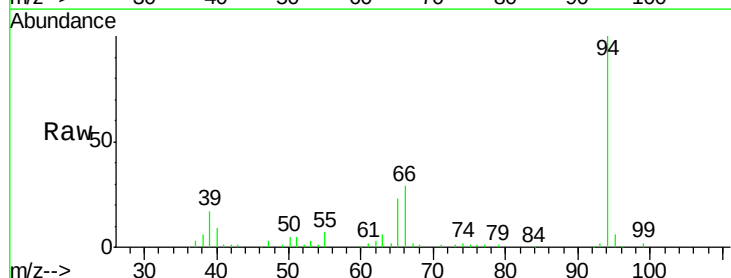
Tgt Ion: 94 Resp: 101601

Ion Ratio Lower Upper

94 100

65 23.3 9.6 49.6

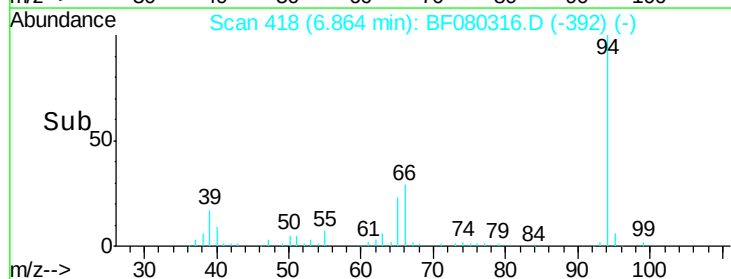
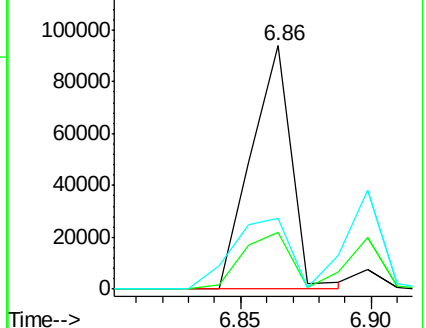
66 29.2 19.7 59.7

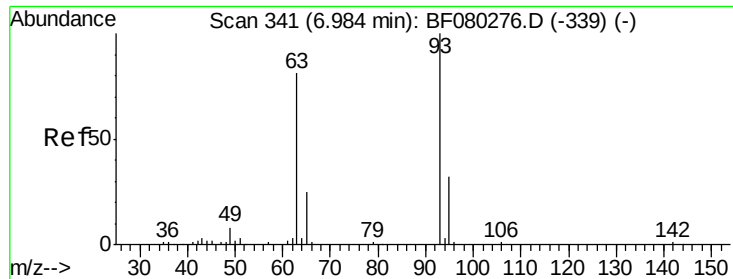


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

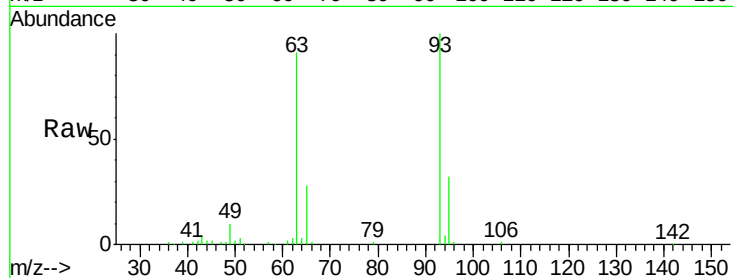




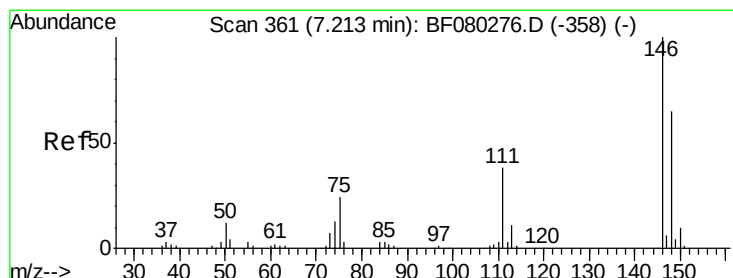
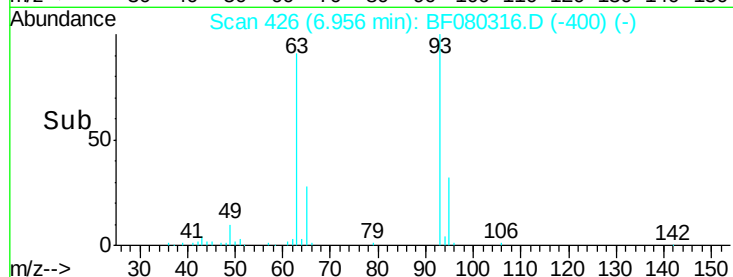
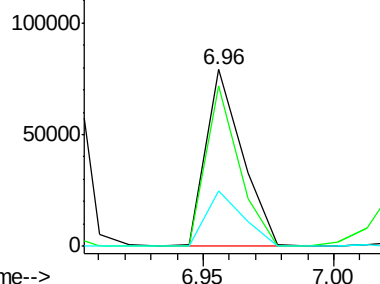
#11
bis(2-Chloroethyl)ether
Concen: 33.72 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion: 93 Resp: 77759
Ion Ratio Lower Upper
93 100
63 90.8 61.0 101.0
95 31.7 12.0 52.0

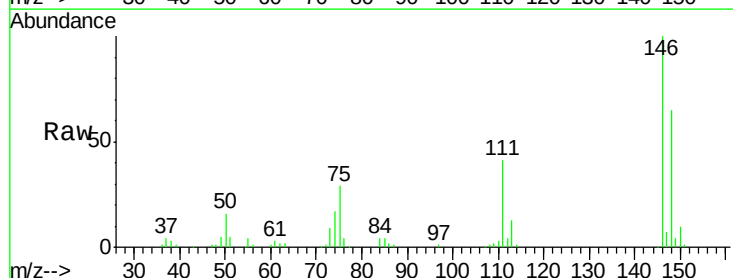


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

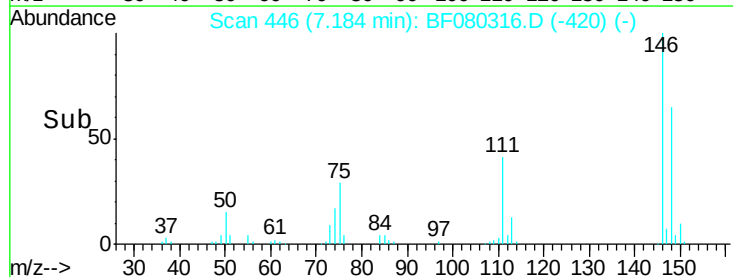
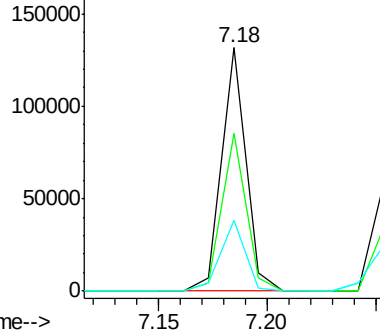


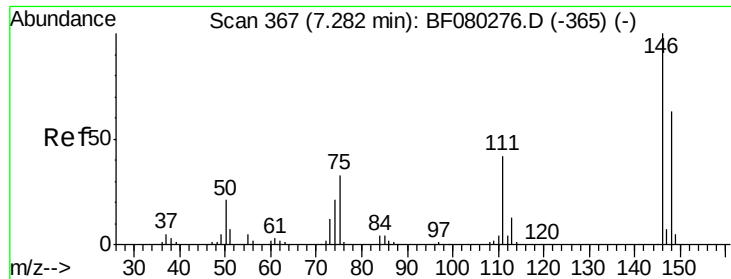
#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion: 146 Resp: 102105
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
75 29.1 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

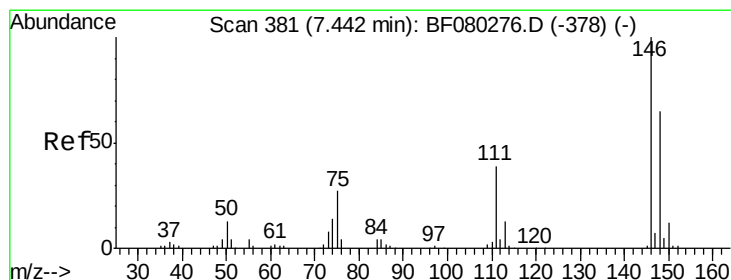
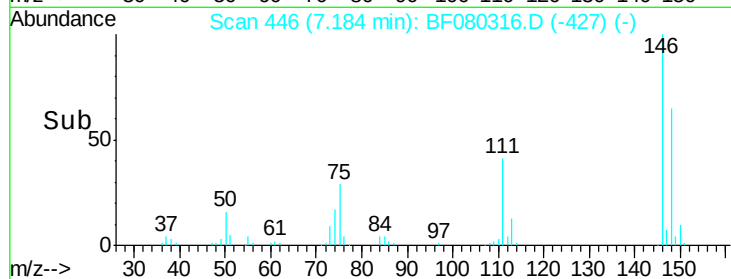
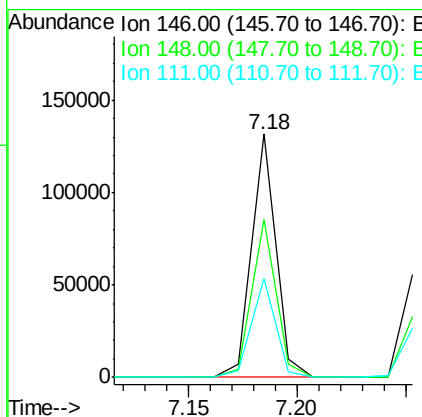
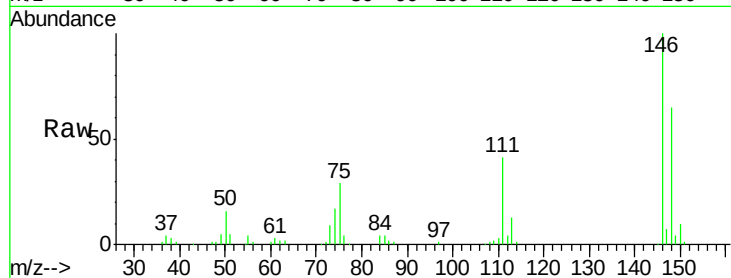




#13
 1,4-Dichlorobenzene
 Concen: 37.25 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.08 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

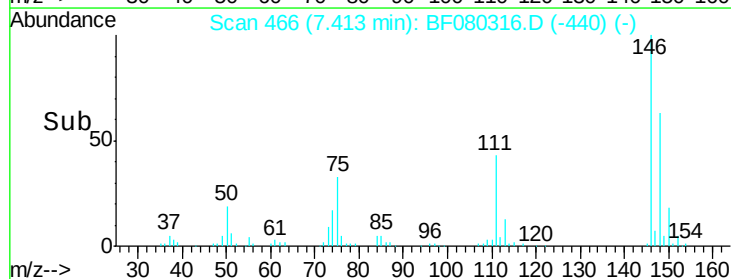
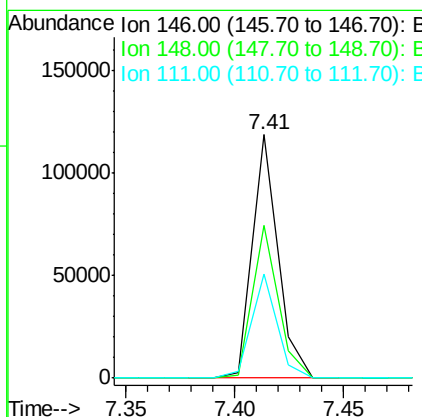
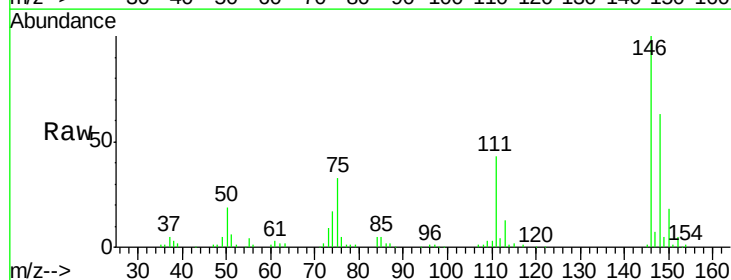
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

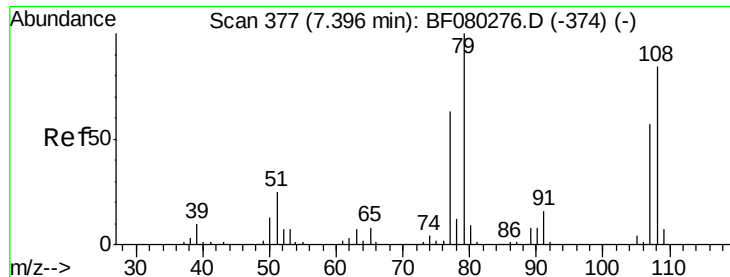
Tgt Ion:146 Resp: 102105
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.2 75.2
 111 40.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 35.62 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:146 Resp: 97015
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.4
 111 42.9 31.6 47.4





#15

Benzyl Alcohol

Concen: 37.08 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

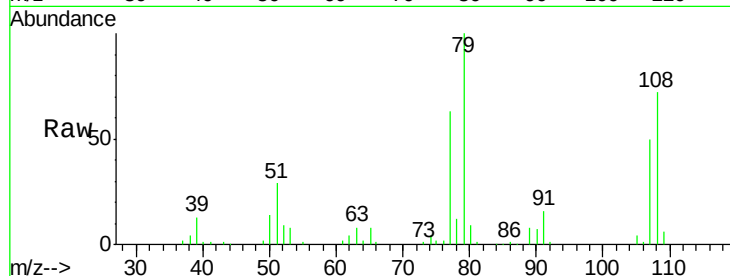
Tgt Ion: 79 Resp: 78684

Ion Ratio Lower Upper

79 100

108 72.3 67.1 100.7

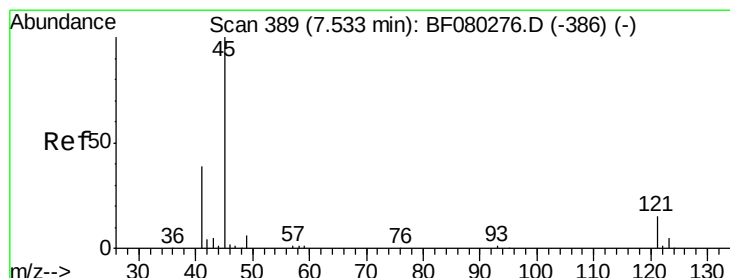
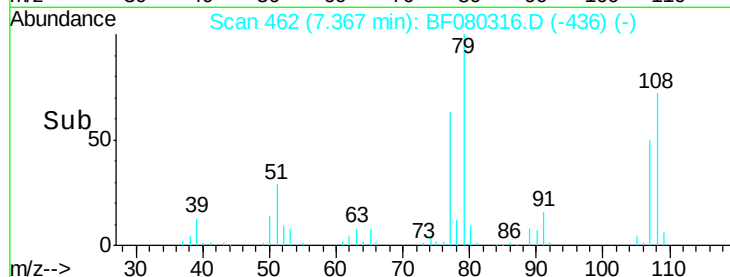
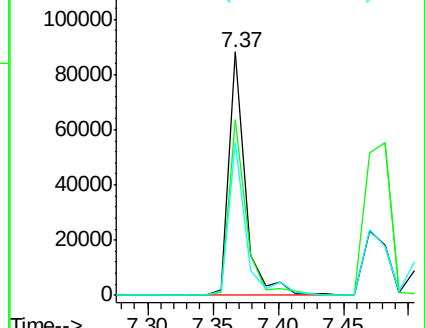
77 62.6 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.07 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

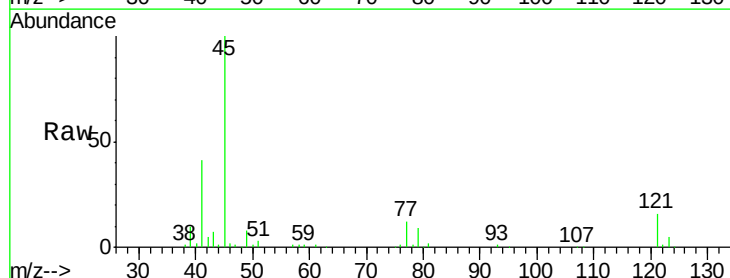
Tgt Ion: 45 Resp: 131168

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.0

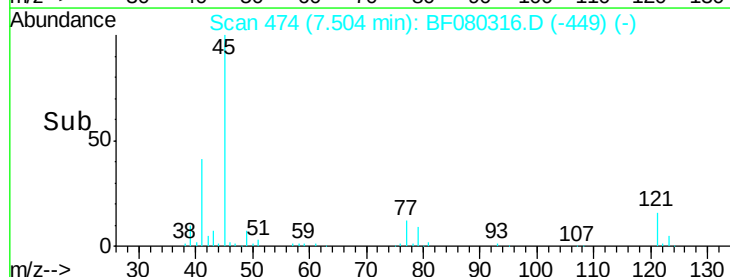
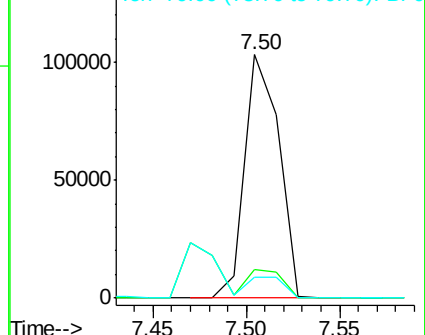
79 8.8 0.0 29.3

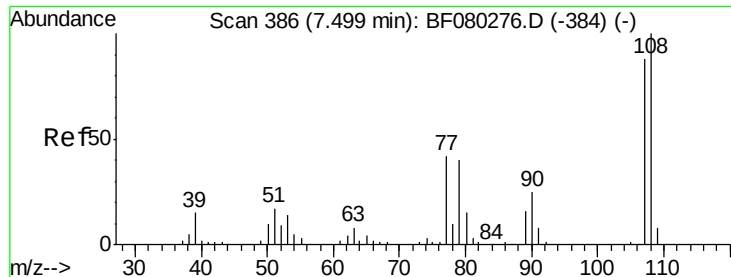


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.76 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

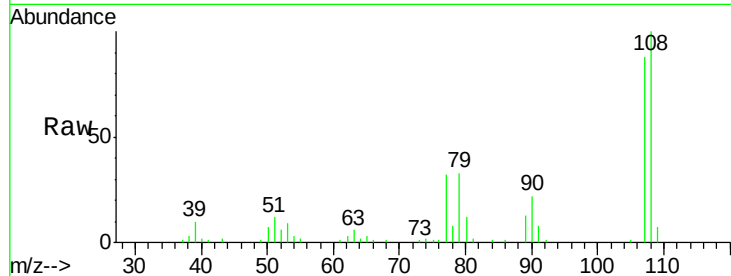
Instrument :

BNA_F

ClientSampleId :

PB84340BSD

Tgt Ion:	107	Resp:	65842
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.6	136.0
77	37.0	38.0	57.0#
79	37.5	36.4	54.6

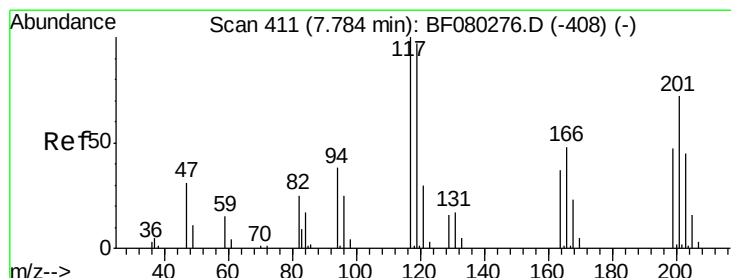
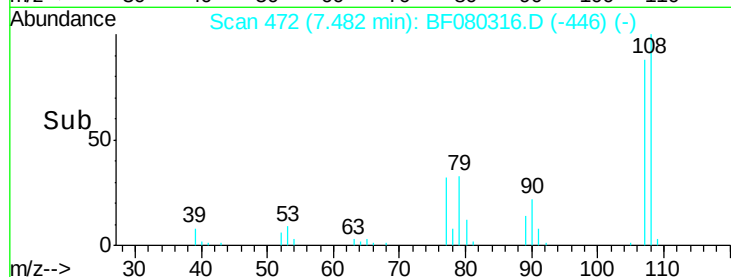
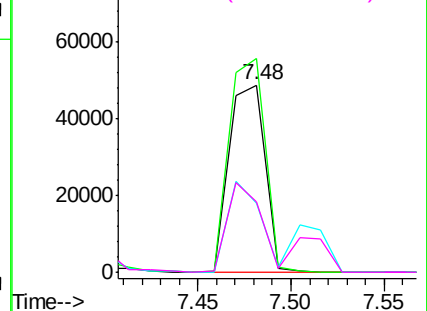


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.06 ng

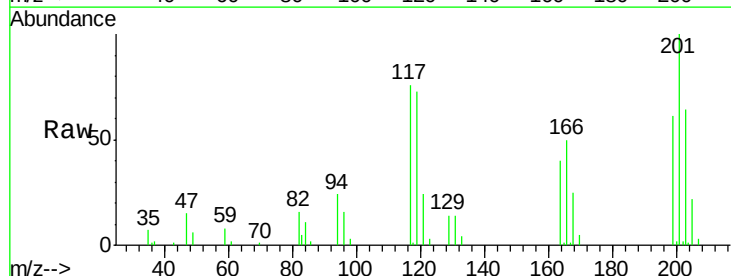
RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

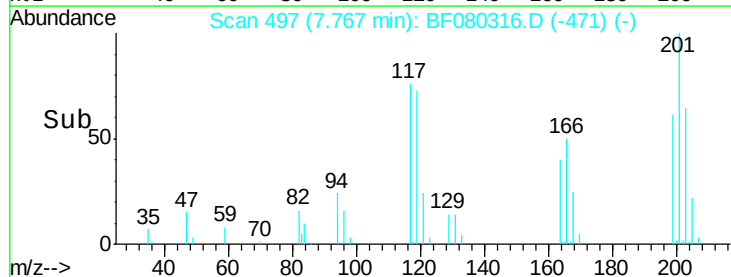
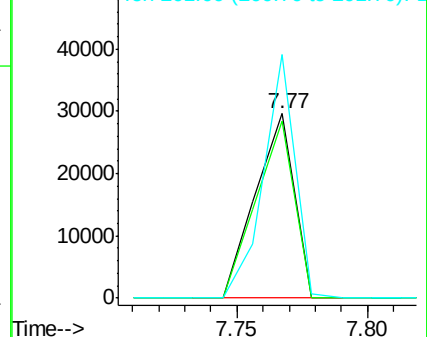
Tgt Ion:	117	Resp:	30863
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
201	132.2	57.5	86.3#

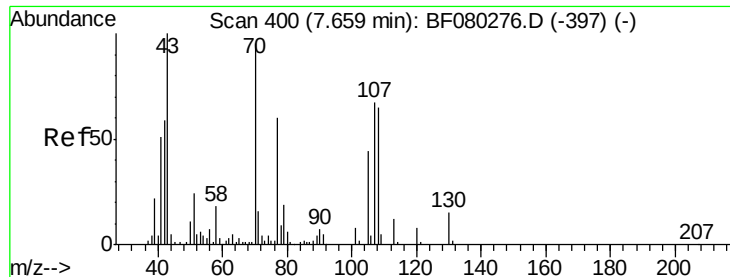


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

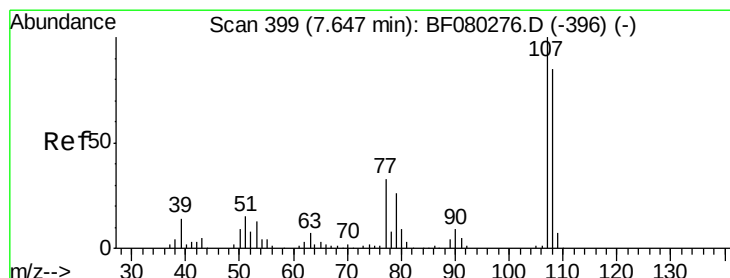
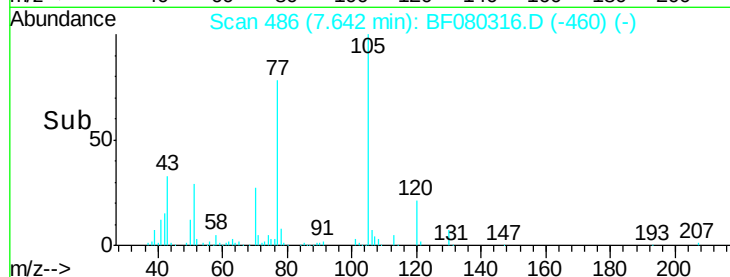
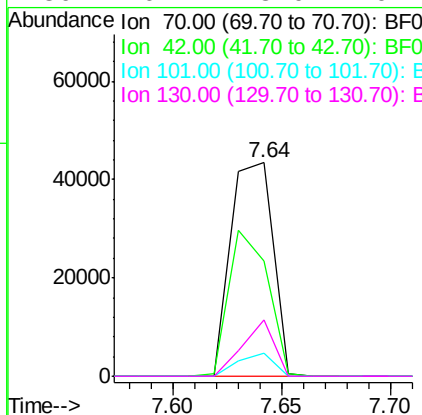
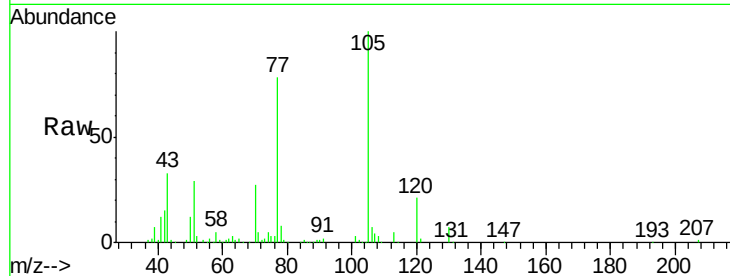




#19
n-Nitroso-di-n-propylamine
Concen: 32.02 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

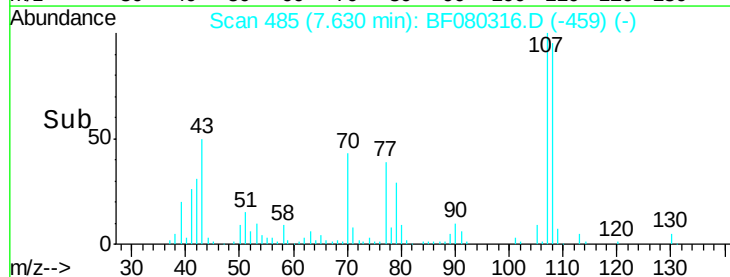
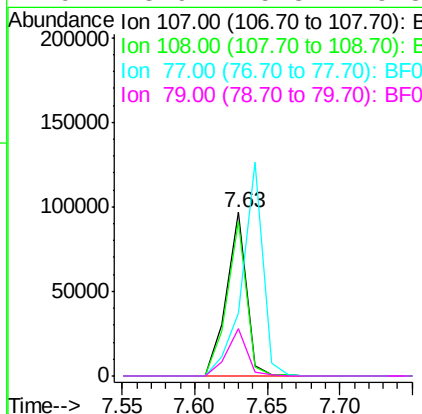
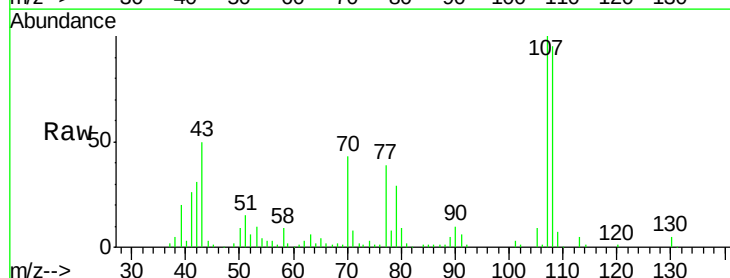
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

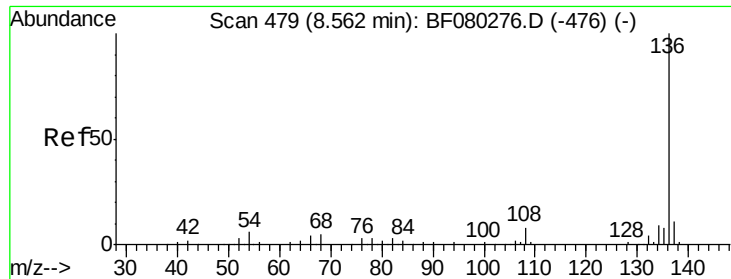
Tgt Ion: 70 Resp: 58690
Ion Ratio Lower Upper
70 100
42 54.1 49.8 74.8
101 11.0 6.8 10.2#
130 26.4 13.0 19.4#



#20
3+4-Methylphenols
Concen: 35.71 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion: 107 Resp: 92503
Ion Ratio Lower Upper
107 100
108 95.0 64.9 104.9
77 38.7 12.9 52.9
79 28.9 5.8 45.8

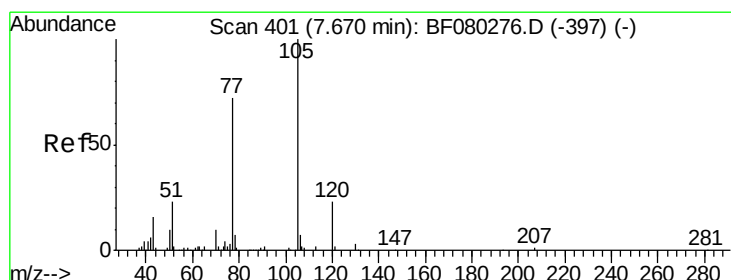
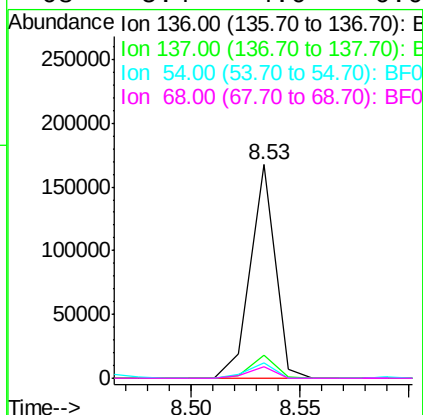
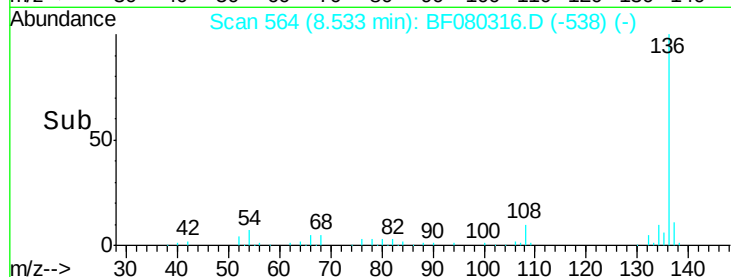
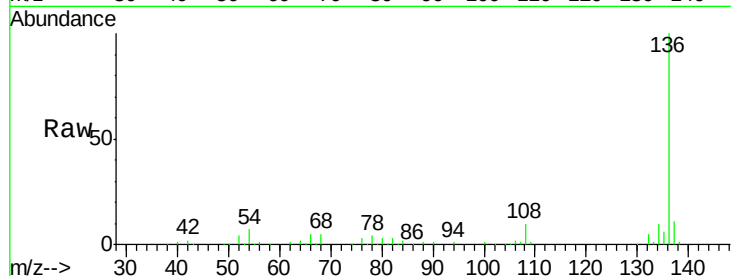




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

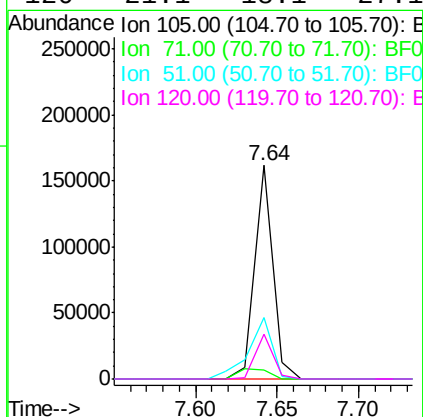
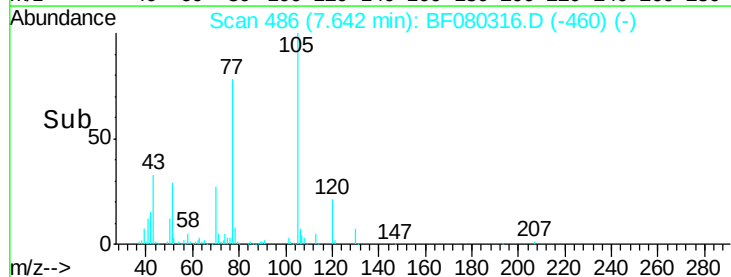
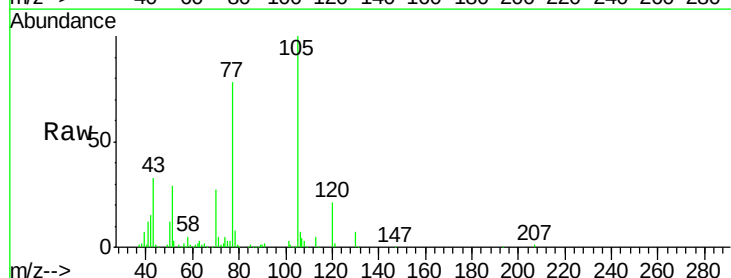
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

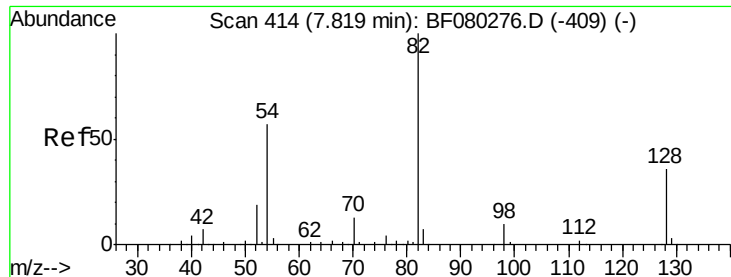
Tgt Ion:	136	Resp:	133147
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.5	4.9	7.3#
68	5.4	4.0	6.0



#22
Acetophenone
Concen: 40.50 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:	105	Resp:	125995
Ion	Ratio	Lower	Upper
105	100		
71	4.5	1.4	2.0#
51	28.6	18.5	27.7#
120	21.1	18.1	27.1

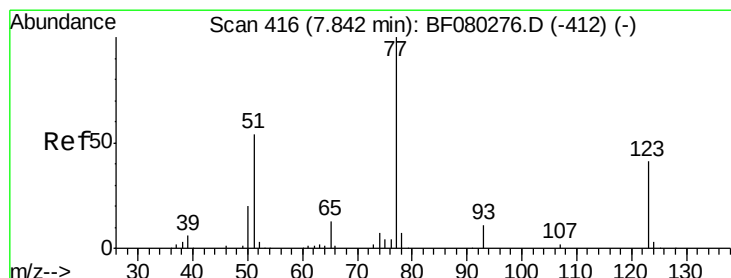
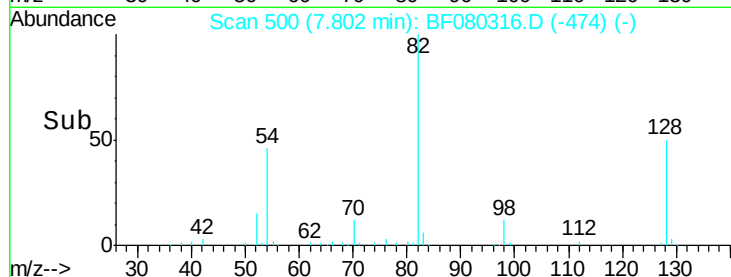
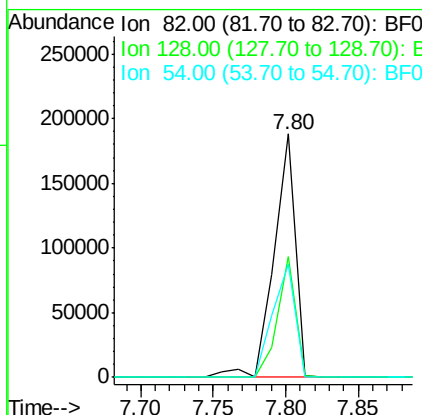
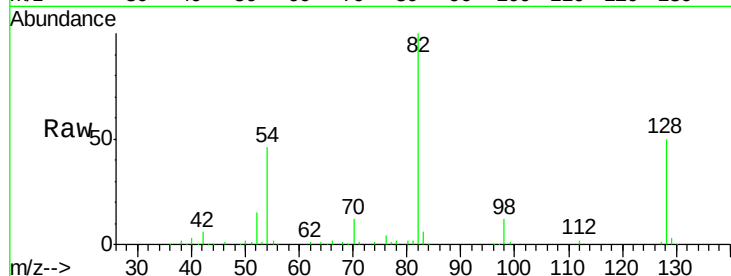




#23
Nitrobenzene-d5
Concen: 79.50 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

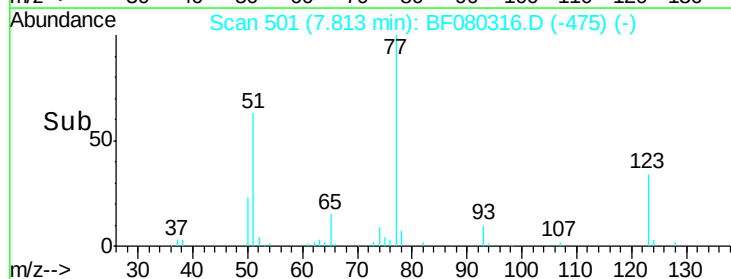
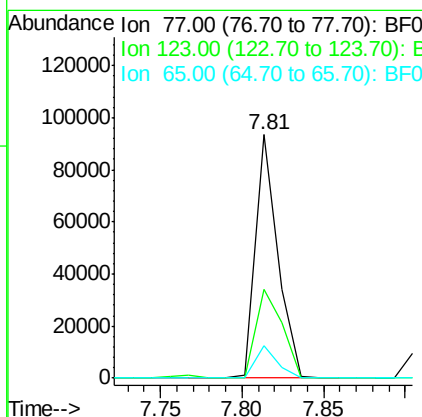
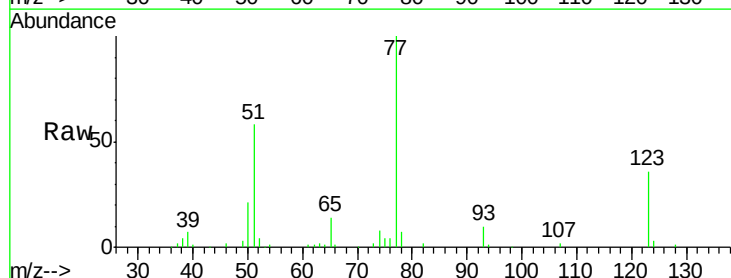
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

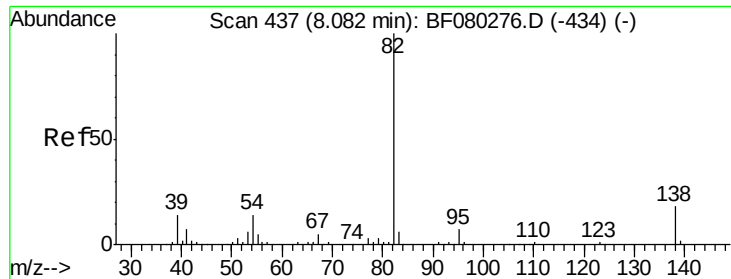
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.0	43.4#
54	46.4	45.3	67.9



#24
Nitrobenzene
Concen: 35.53 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	33.0	49.6
65	13.6	10.6	15.8





#25

Isophorone

Concen: 36.24 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

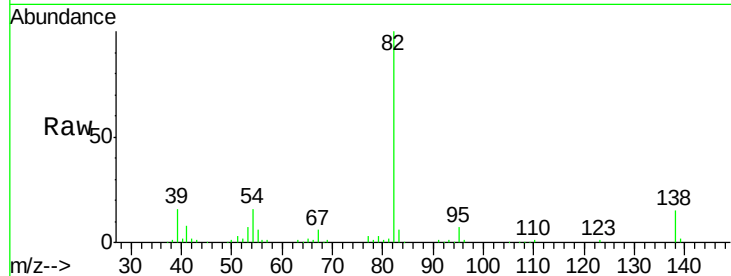
Tgt Ion: 82 Resp: 170337

Ion Ratio Lower Upper

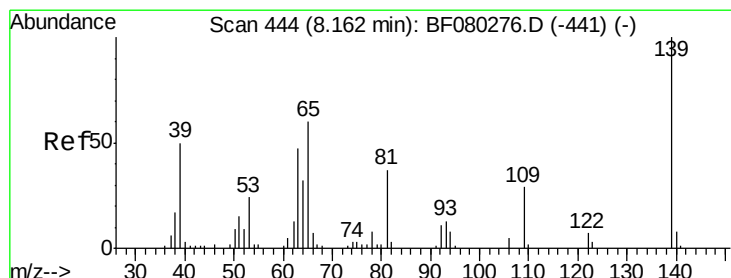
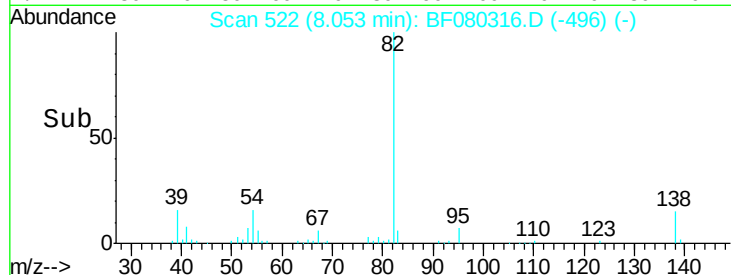
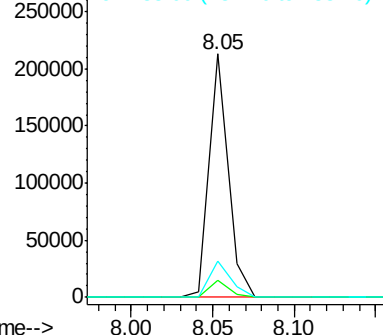
82 100

95 6.8 5.3 7.9

138 15.0 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: 35.53 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

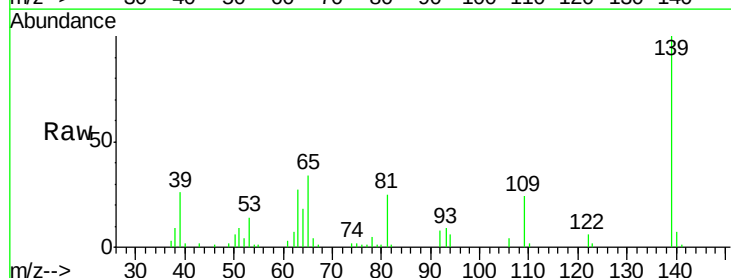
Tgt Ion: 139 Resp: 38909

Ion Ratio Lower Upper

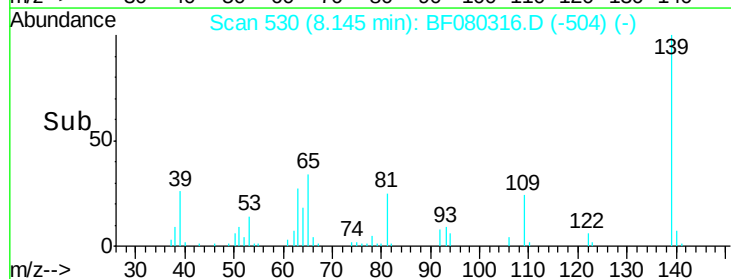
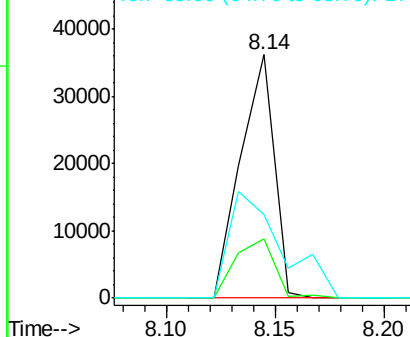
139 100

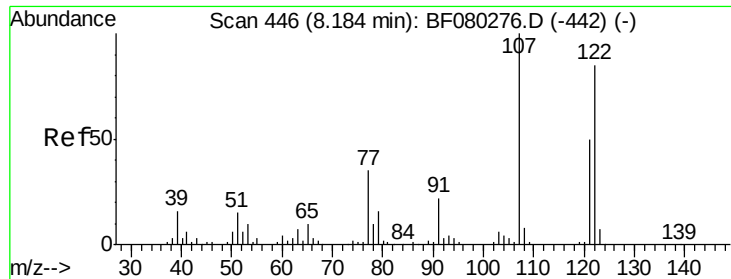
109 24.2 23.1 34.7

65 34.2 47.6 71.4#



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





#27

2,4-Dimethylphenol

Concen: 38.04 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

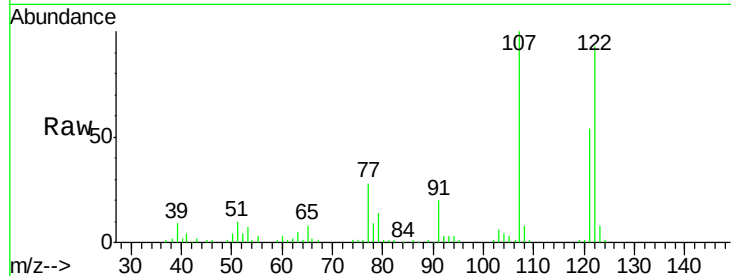
Tgt Ion: 122 Resp: 76468

Ion Ratio Lower Upper

122 100

107 107.3 93.7 140.5

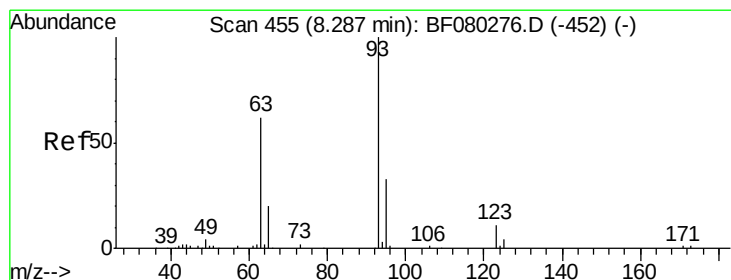
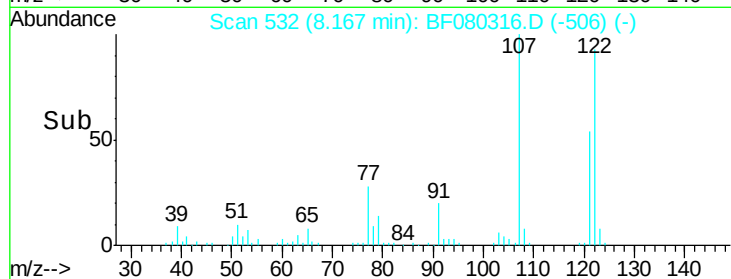
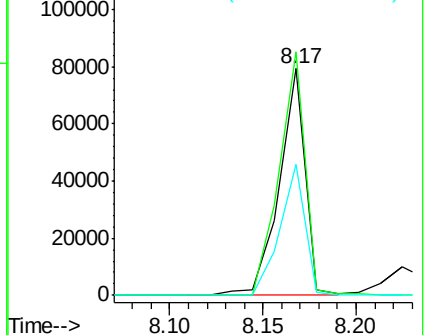
121 57.9 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.19 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

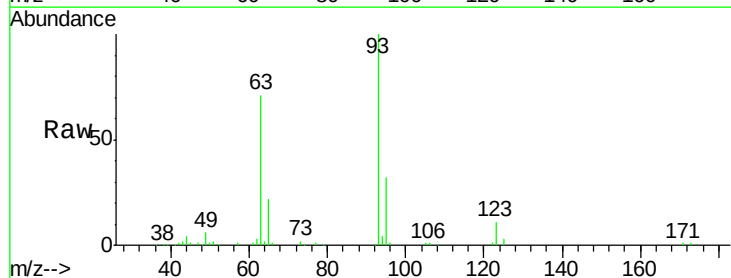
Tgt Ion: 93 Resp: 107724

Ion Ratio Lower Upper

93 100

95 31.8 26.6 39.8

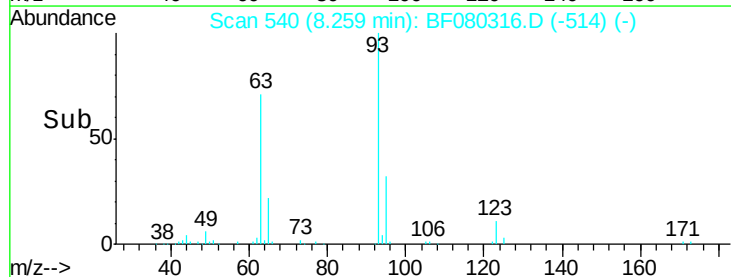
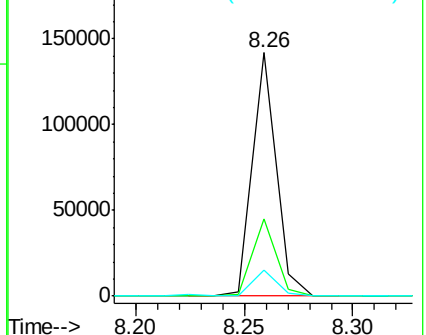
123 10.8 9.2 13.8

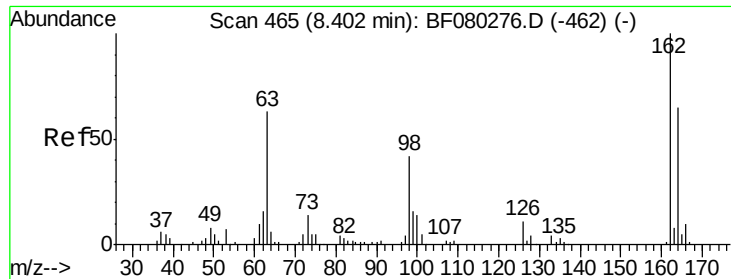


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

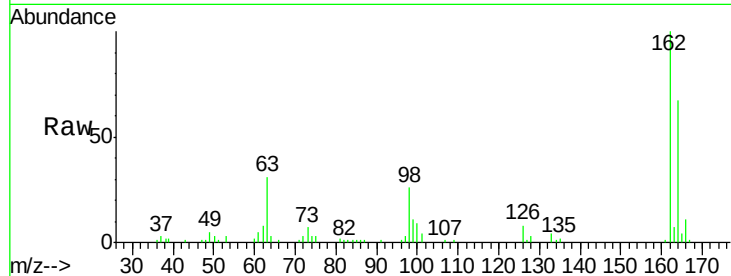




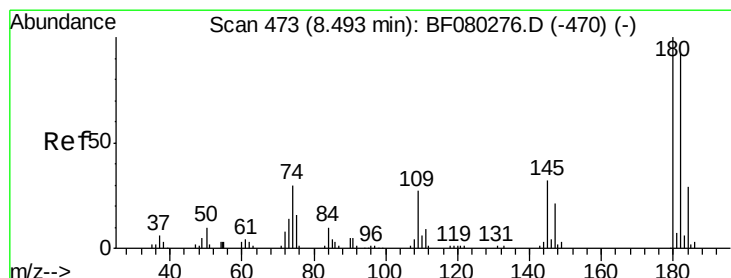
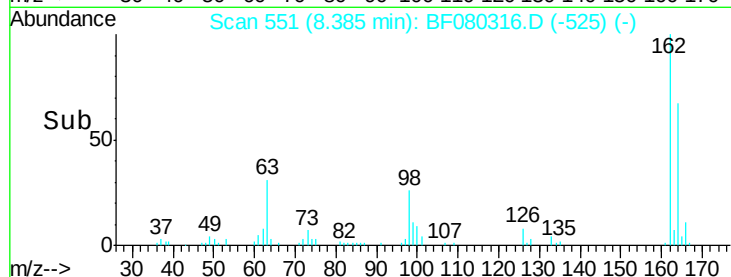
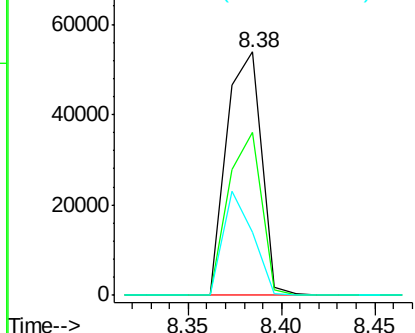
#29
 2,4-Dichlorophenol
 Concen: 37.97 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:162 Resp: 70507
 Ion Ratio Lower Upper
 162 100
 164 67.0 44.6 84.6
 98 25.8 21.7 61.7

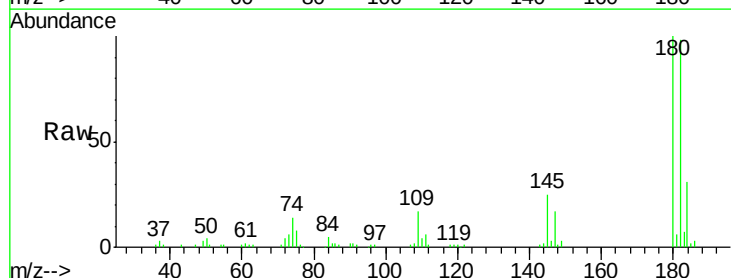


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

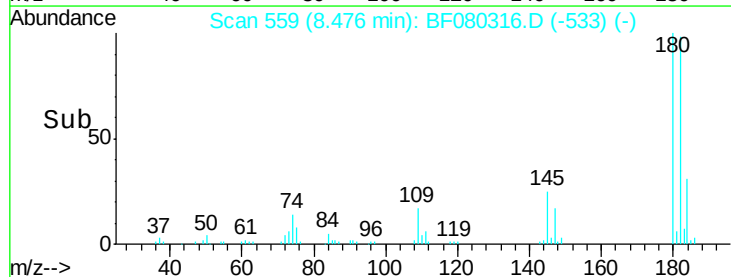
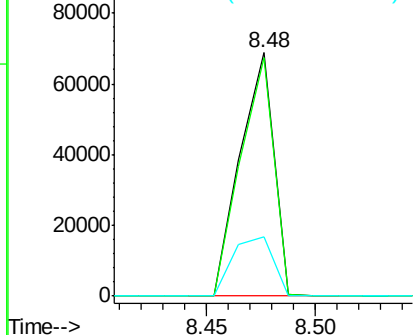


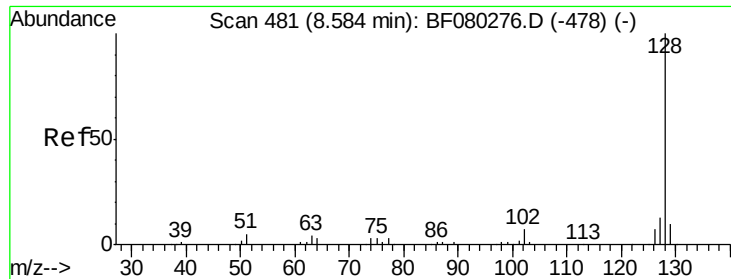
#30
 1,2,4-Trichlorobenzene
 Concen: 34.20 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:180 Resp: 74076
 Ion Ratio Lower Upper
 180 100
 182 98.0 73.8 110.6
 145 24.6 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

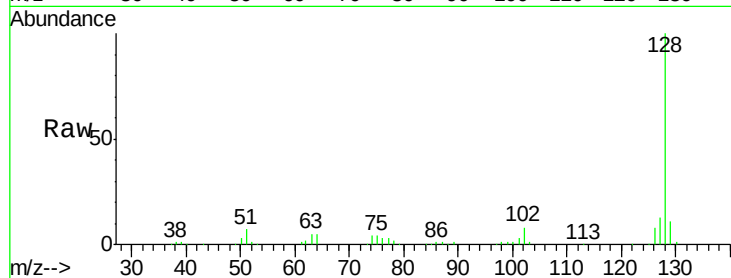




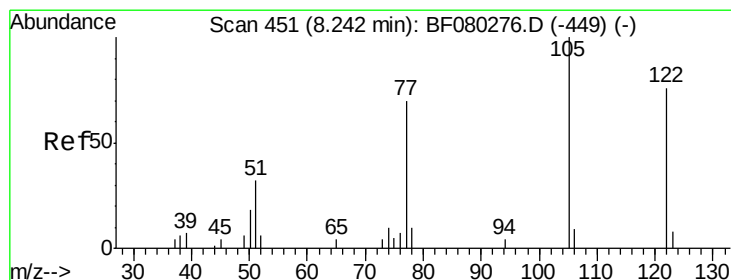
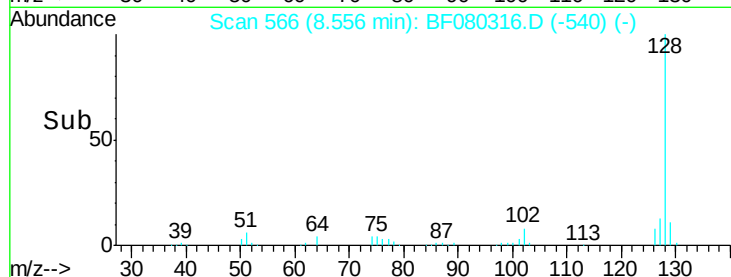
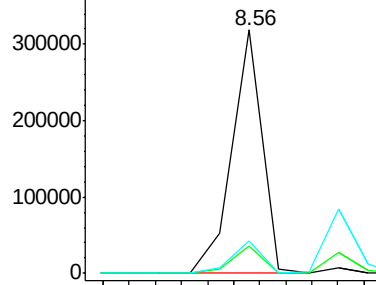
#31
Naphthalene
Concen: 38.31 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:128 Resp: 259811
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 13.3 10.4 15.6

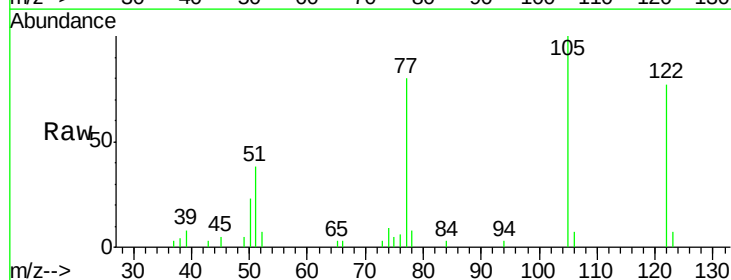


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

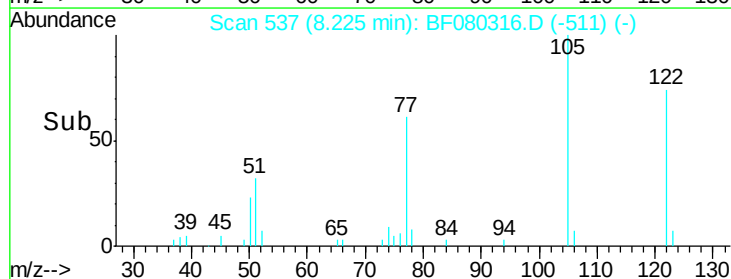
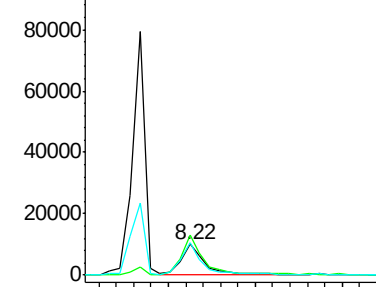


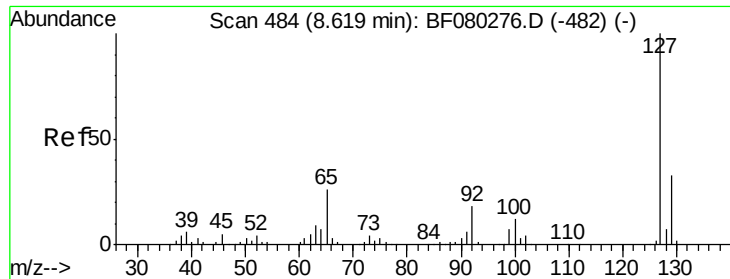
#32
Benzoic acid
Concen: 42.93 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:122 Resp: 19750
Ion Ratio Lower Upper
122 100
105 129.6 103.3 143.3
77 104.0 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

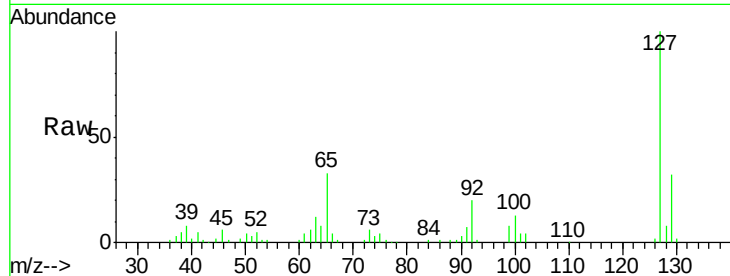




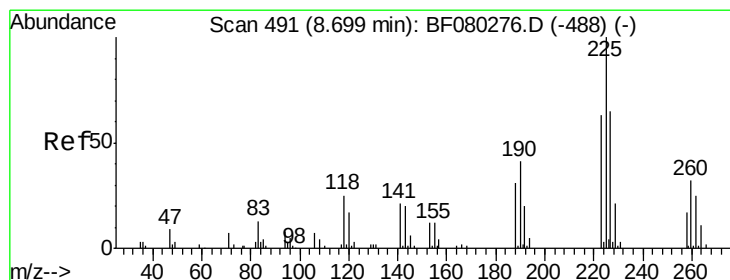
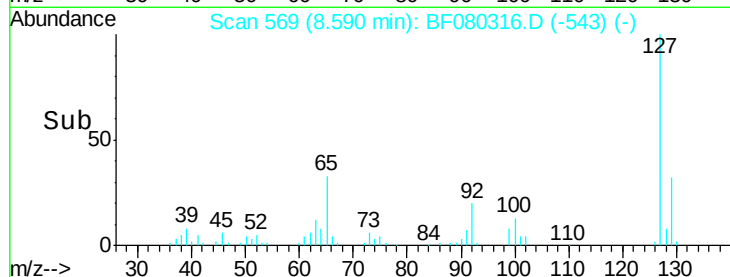
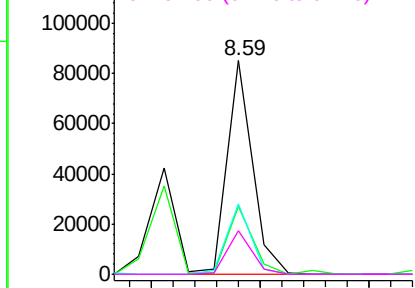
#33
4-Chloroaniline
Concen: 23.76 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:	127	Resp:	68367
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	33.1	21.0	31.6#
92	20.3	14.1	21.1

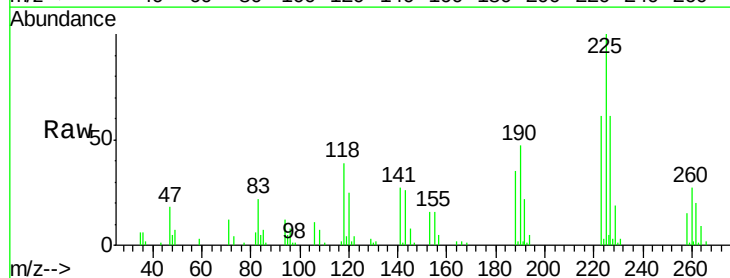


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

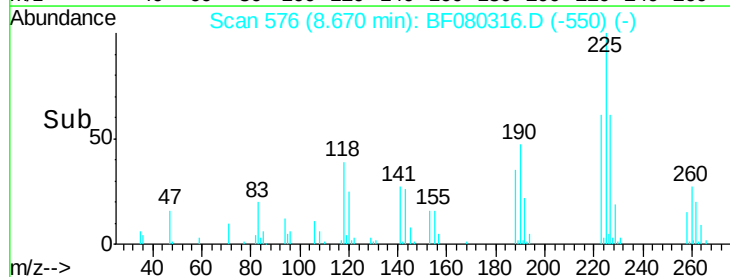
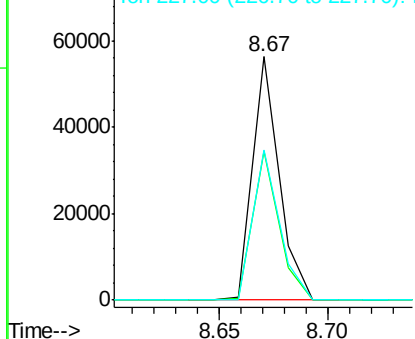


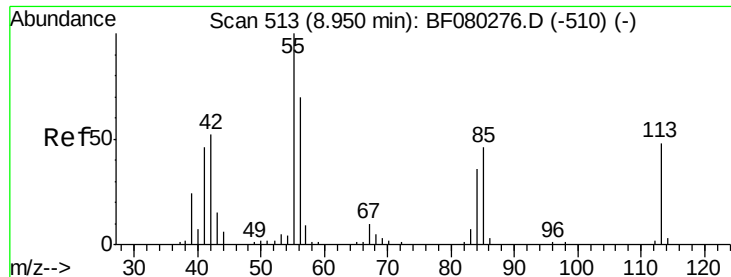
#34
Hexachlorobutadiene
Concen: 34.91 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:	225	Resp:	47635
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.5	75.7
227	61.5	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

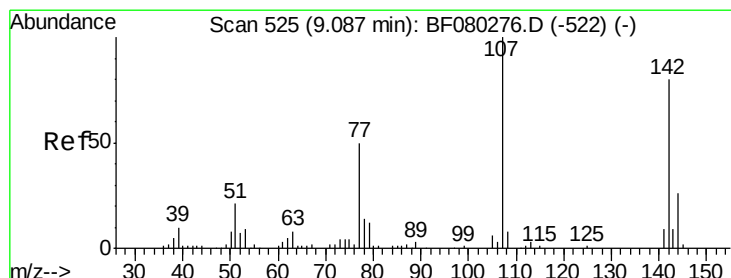
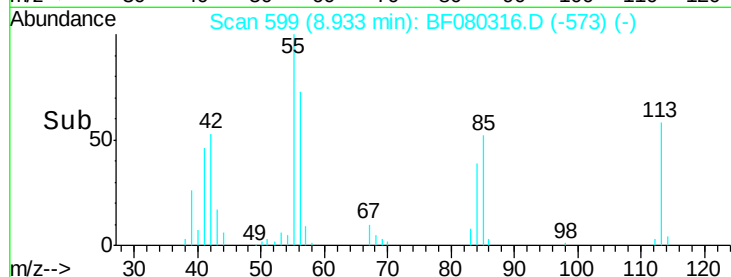
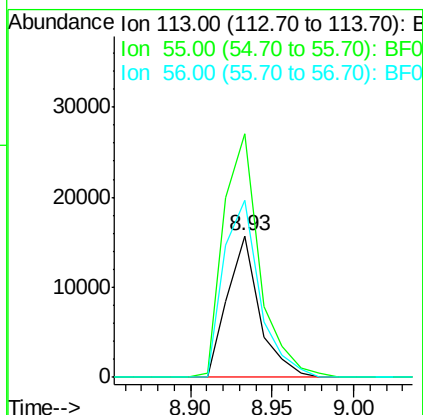
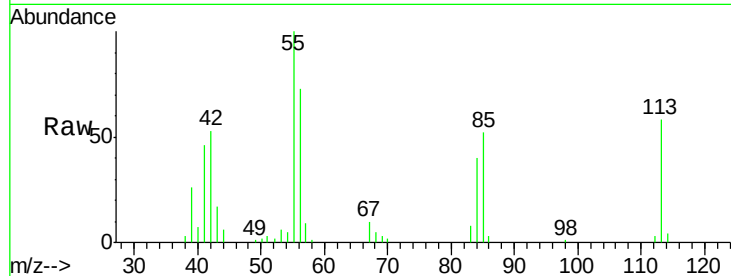




#35
 Caprolactam
 Concen: 37.88 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

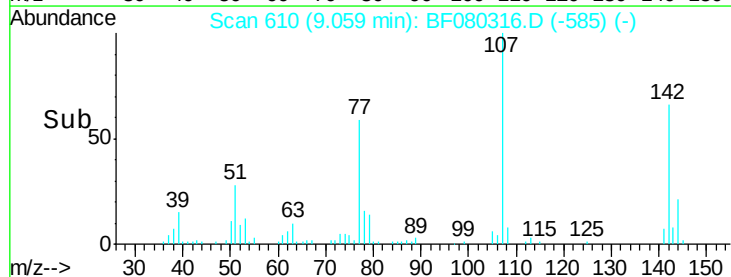
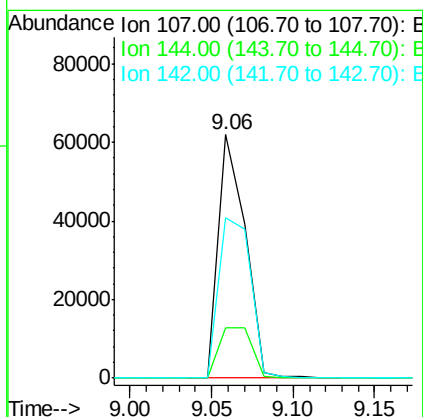
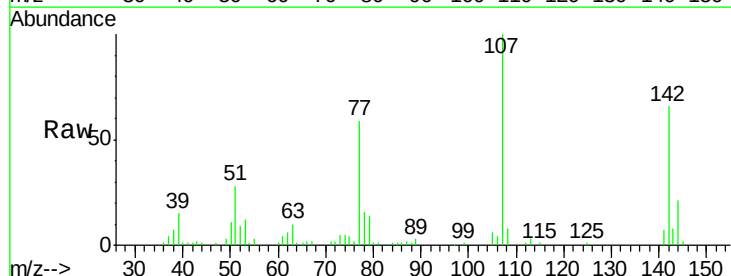
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

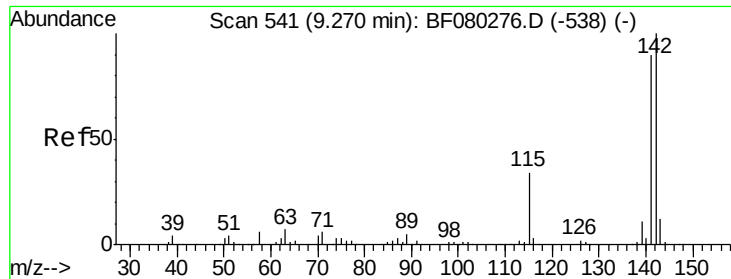
Tgt Ion:113 Resp: 21337
 Ion Ratio Lower Upper
 113 100
 55 171.9 189.7 229.7#
 56 125.2 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 35.32 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:107 Resp: 71005
 Ion Ratio Lower Upper
 107 100
 144 20.6 20.4 30.6
 142 66.1 63.8 95.6

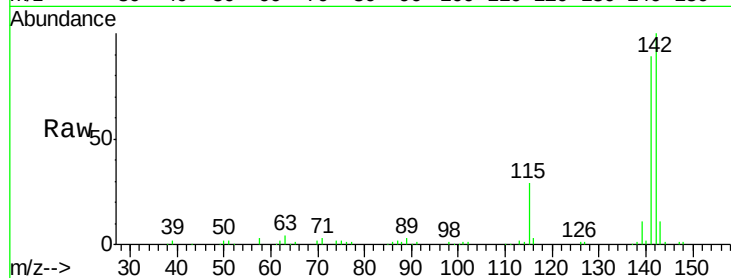




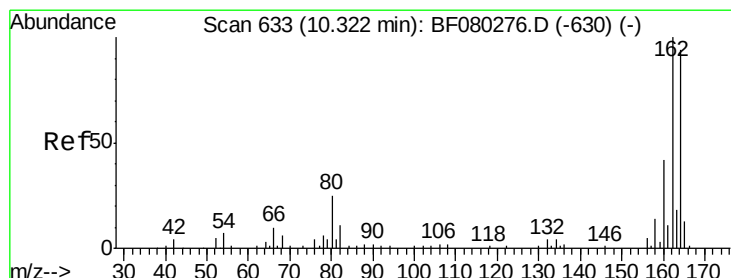
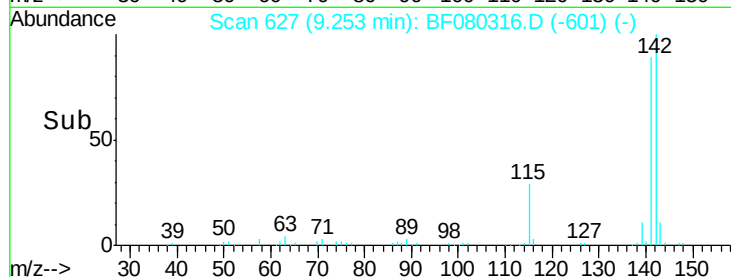
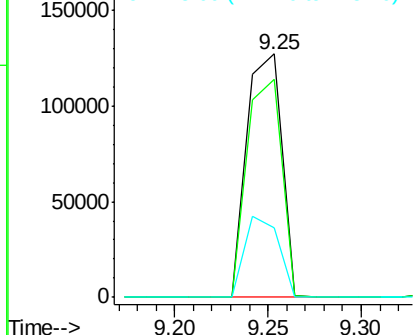
#37
 2-Methylnaphthalene
 Concen: 36.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:142 Resp: 168143
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.8 107.6
 115 28.6 27.4 41.2

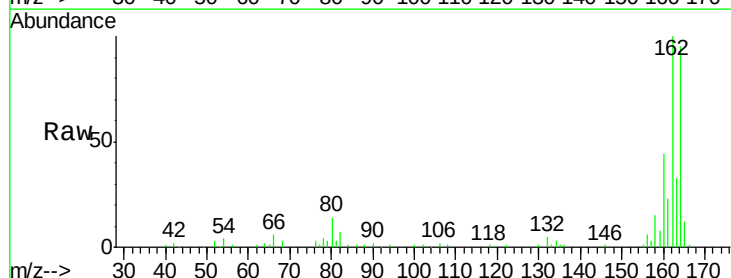


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

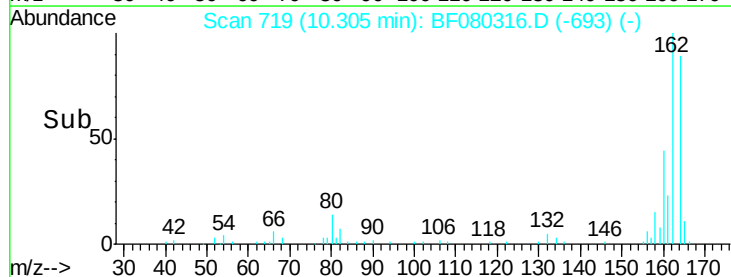
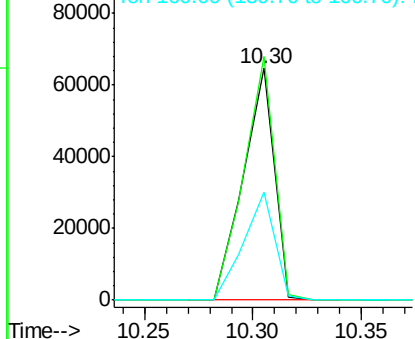


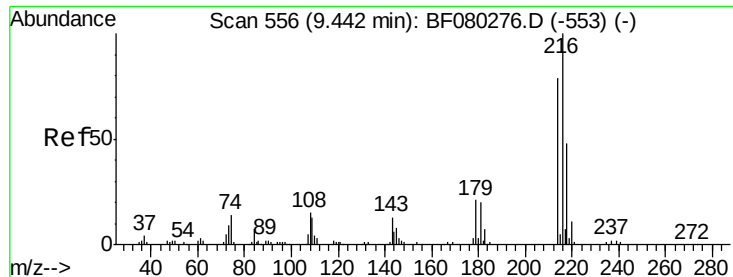
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:164 Resp: 63965
 Ion Ratio Lower Upper
 164 100
 162 105.0 84.8 127.2
 160 46.7 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

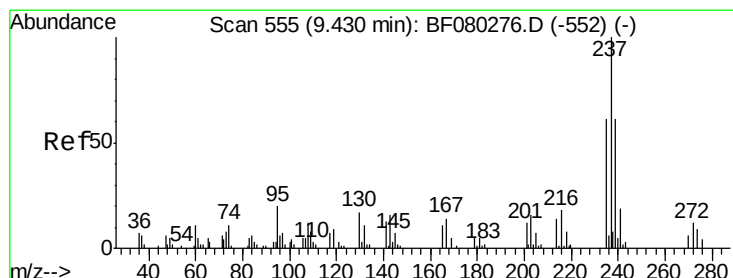
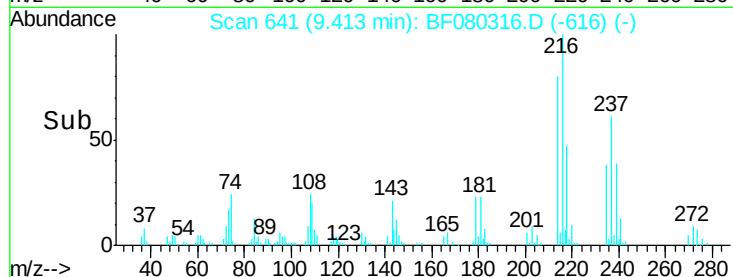
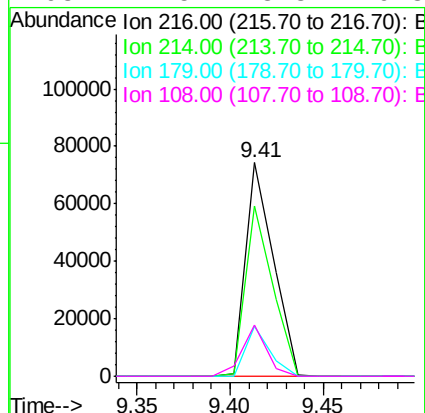
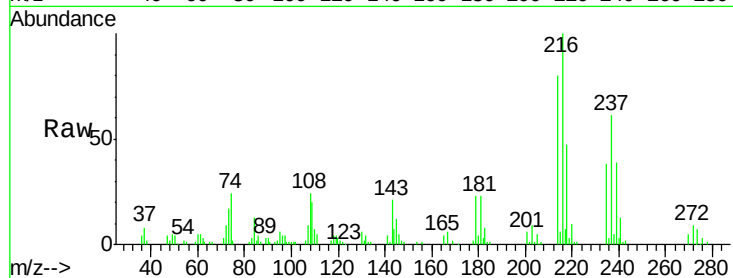




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.98 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

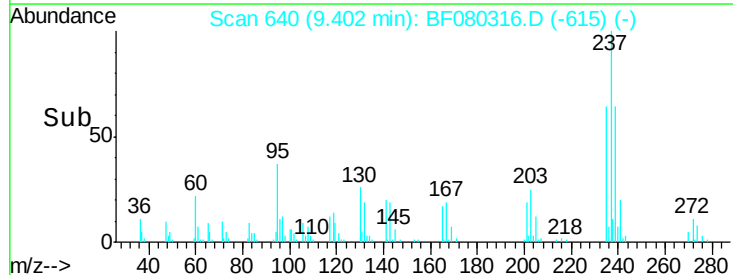
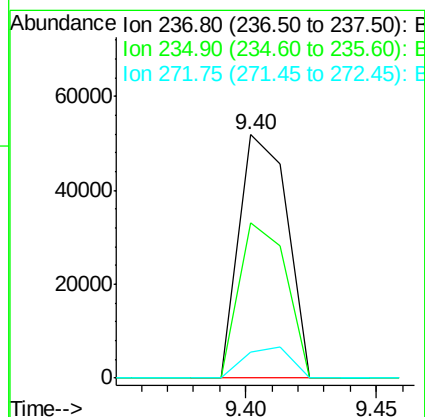
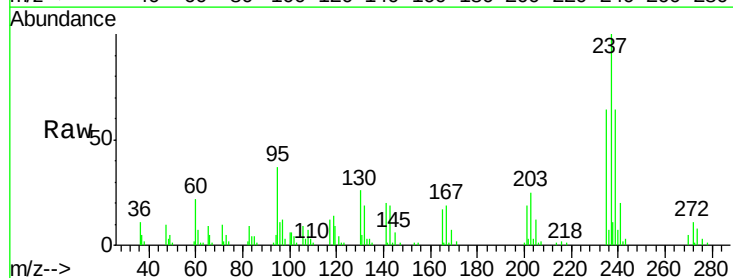
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

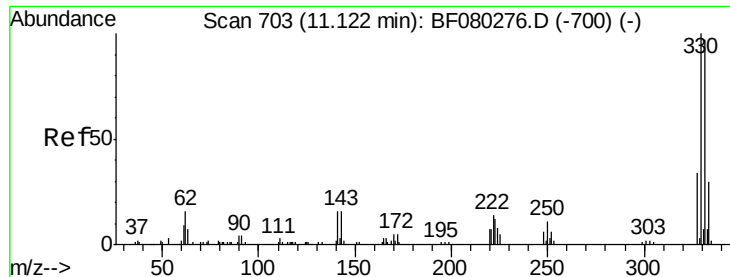
Tgt Ion:	216	Resp:	76597
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.6
179	20.4	16.8	25.2
108	21.5	13.8	20.8#



#40
 Hexachlorocyclopentadiene
 Concen: 79.80 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:	237	Resp:	66890
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.3	81.3
272	10.6	0.0	31.8

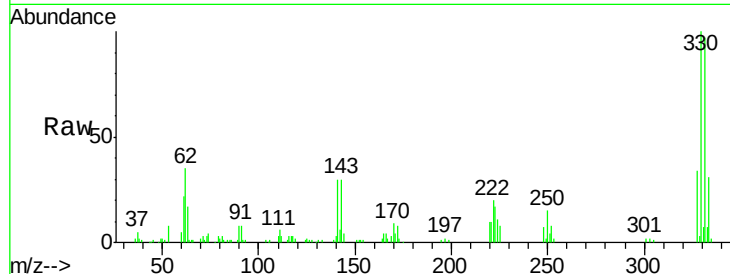




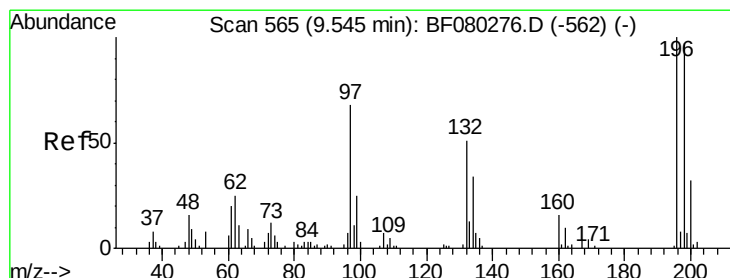
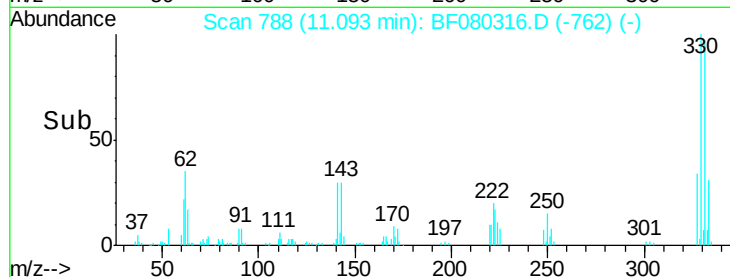
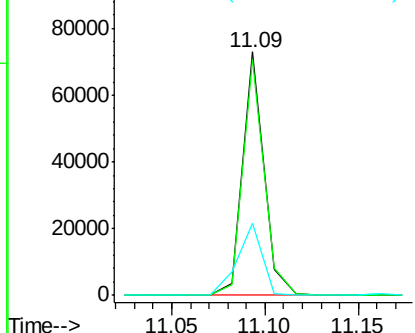
#41
 2,4,6-Tribromophenol
 Concen: 95.50 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:330 Resp: 58168
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 34.8 28.0 42.0

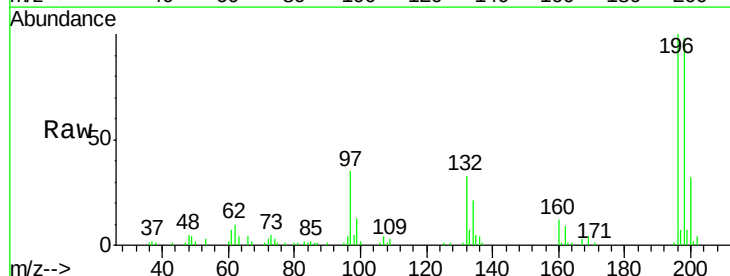


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

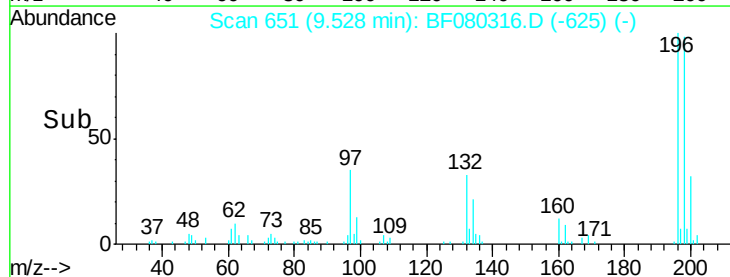
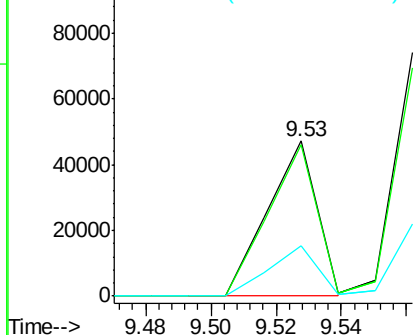


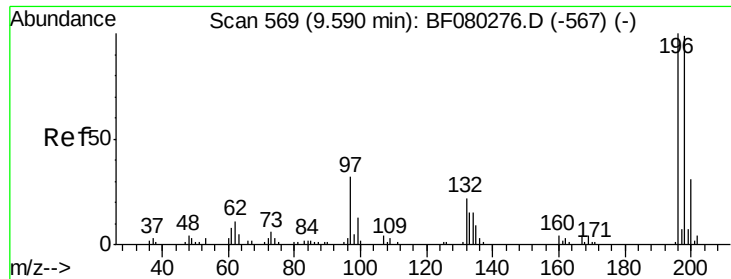
#42
 2,4,6-Trichlorophenol
 Concen: 36.69 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:196 Resp: 49441
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.7 116.5
 200 32.3 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

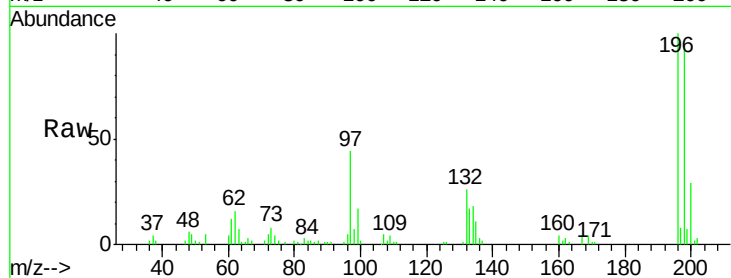




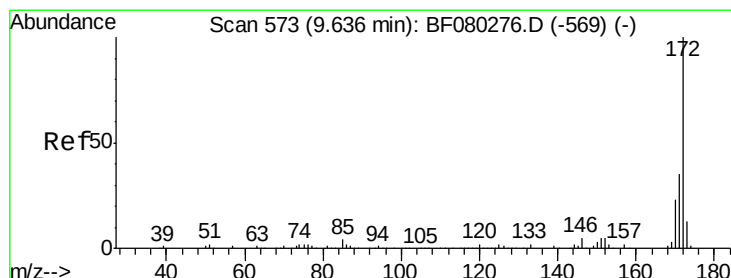
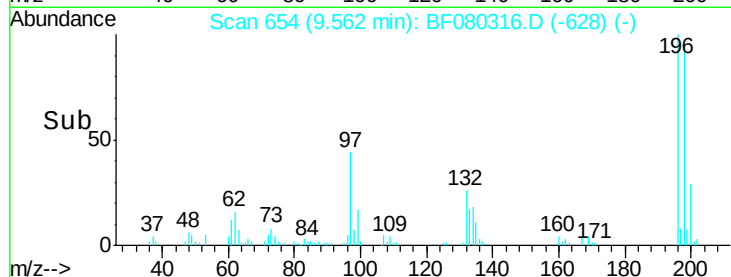
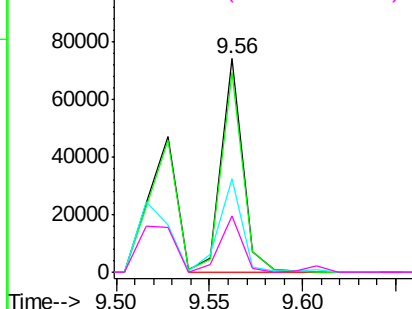
#43
 2,4,5-Trichlorophenol
 Concen: 41.26 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:196 Resp: 59897
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.4 119.2
 97 43.6 25.9 38.9#
 132 26.3 17.3 25.9#

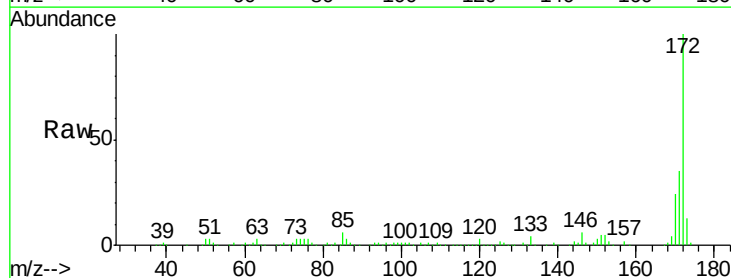


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

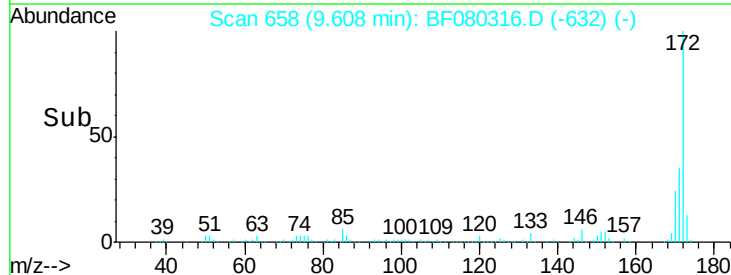
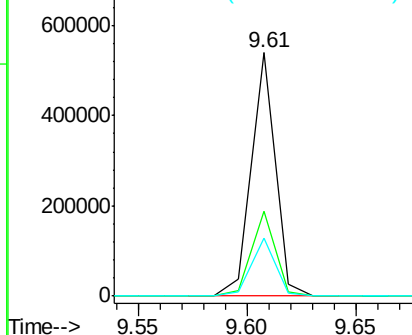


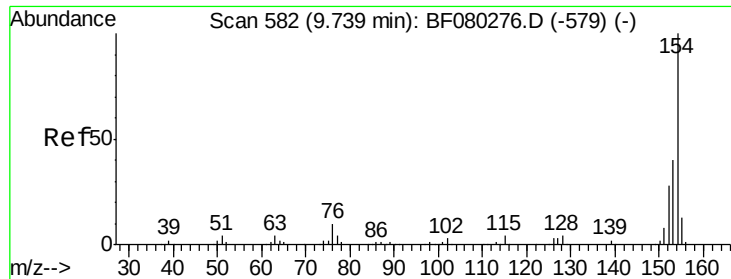
#44
 2-Fluorobiphenyl
 Concen: 92.98 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:172 Resp: 413205
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 24.0 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

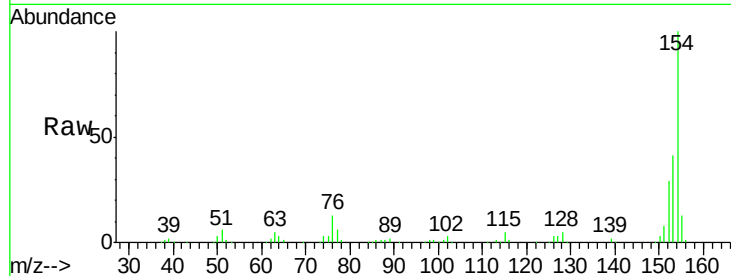




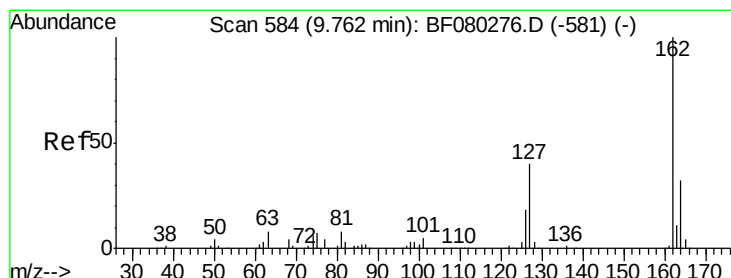
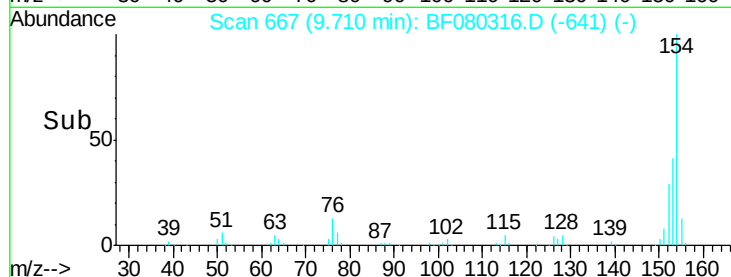
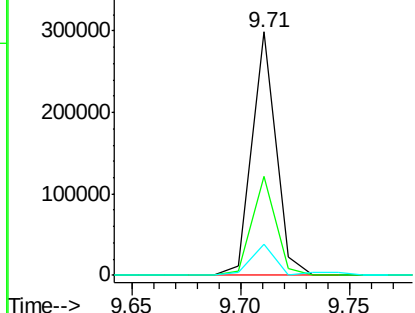
#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:	154	Resp:	227826
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	12.8	0.0	30.3

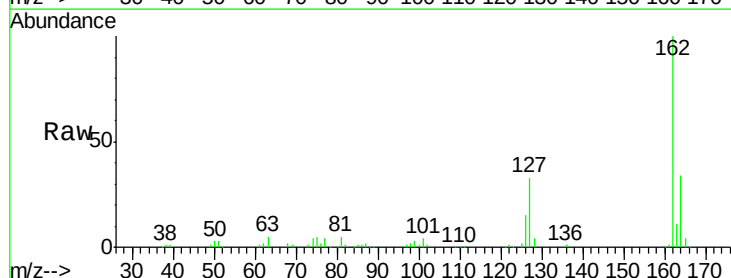


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

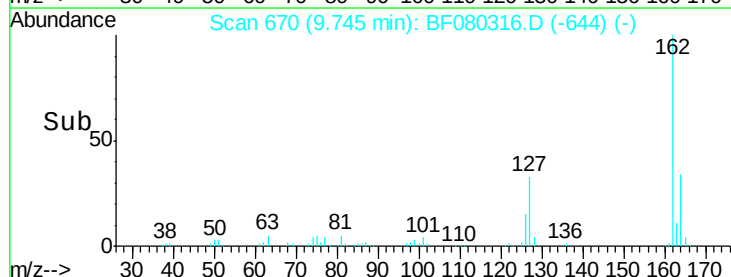
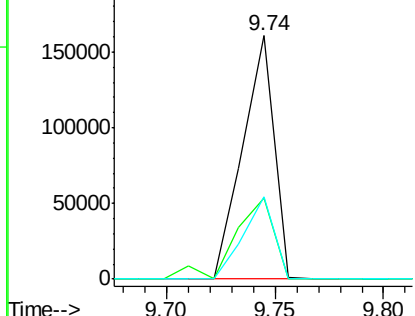


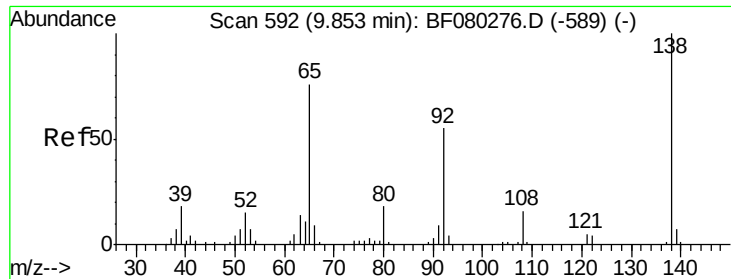
#46
 2-Chloronaphthalene
 Concen: 38.28 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:	162	Resp:	161160
Ion	Ratio	Lower	Upper
162	100		
127	33.1	33.4	50.0#
164	33.9	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

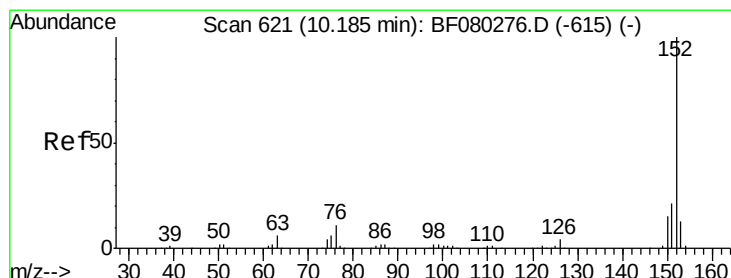
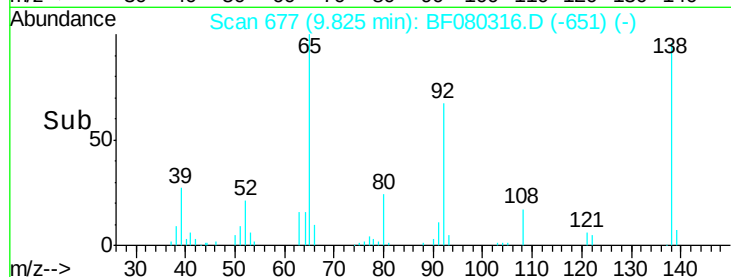
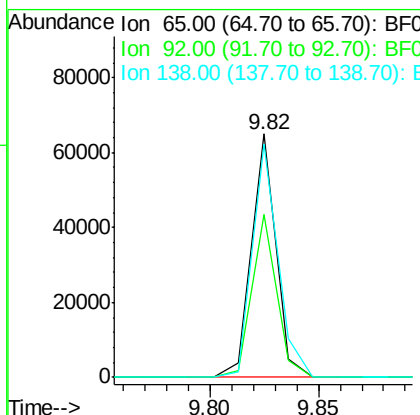
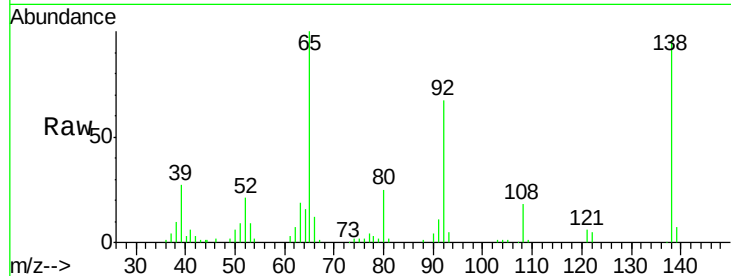




#47
 2-Nitroaniline
 Concen: 41.66 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

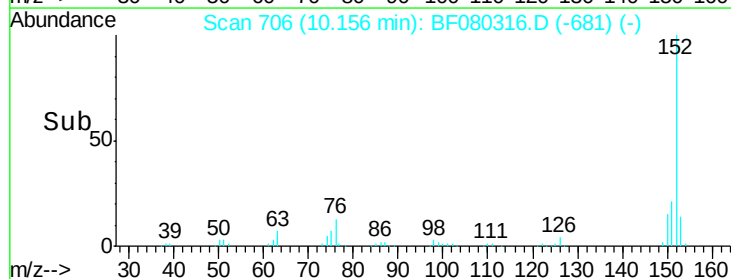
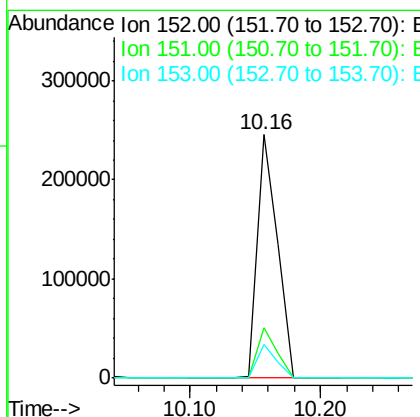
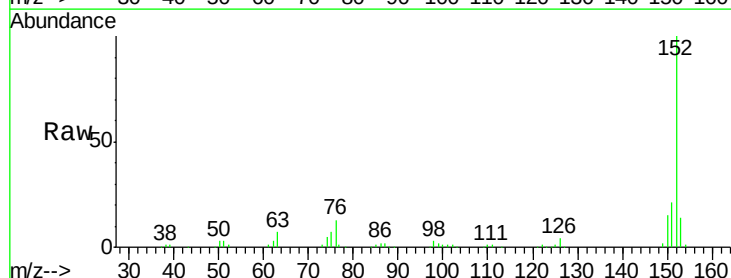
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

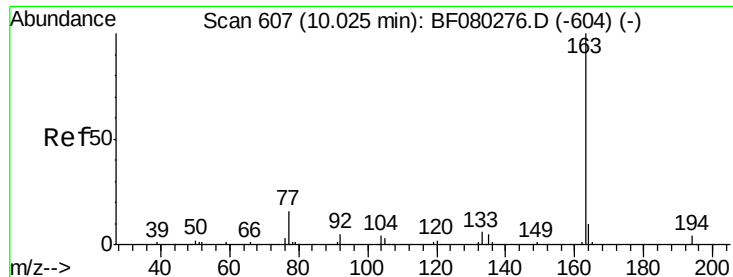
Tgt Ion: 65 Resp: 50448
 Ion Ratio Lower Upper
 65 100
 92 66.9 58.0 87.0
 138 95.6 104.8 157.2#



#48
 Acenaphthylene
 Concen: 36.05 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion: 152 Resp: 263603
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1
 153 13.6 10.7 16.1

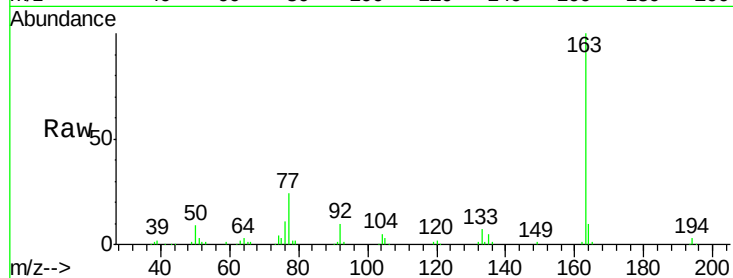




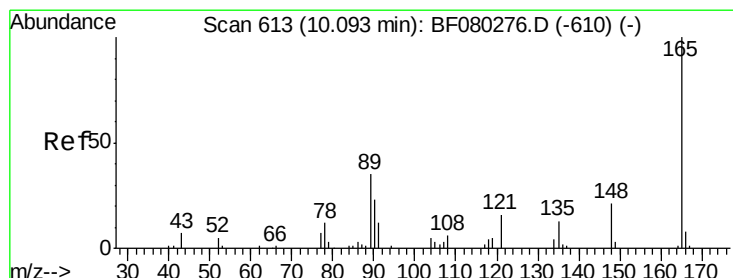
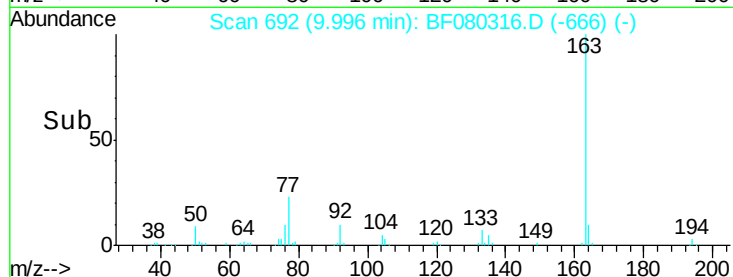
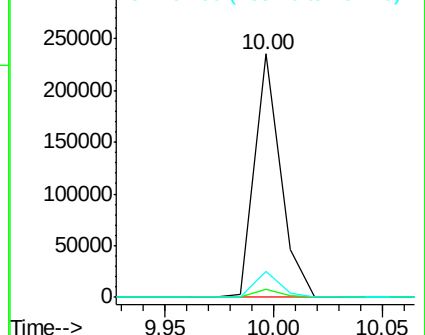
#49
Dimethylphthalate
Concen: 40.05 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:163 Resp: 195681
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 7.9 11.9

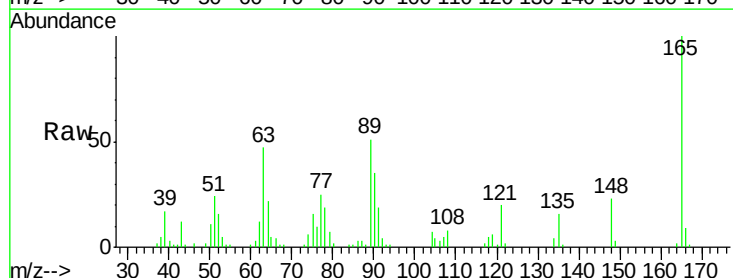


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

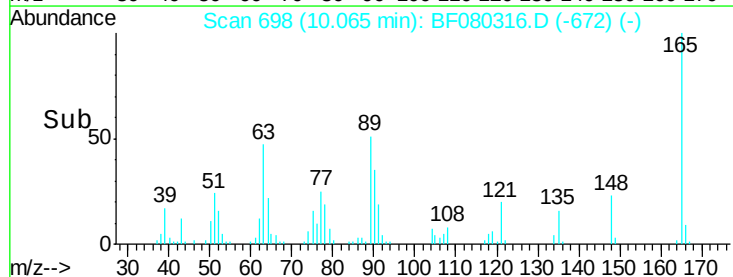
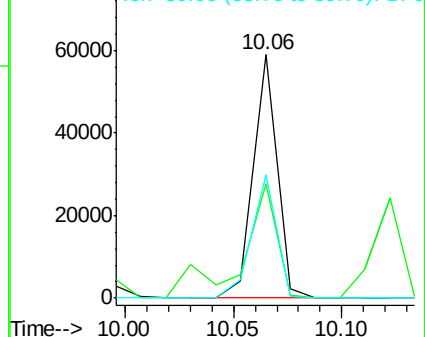


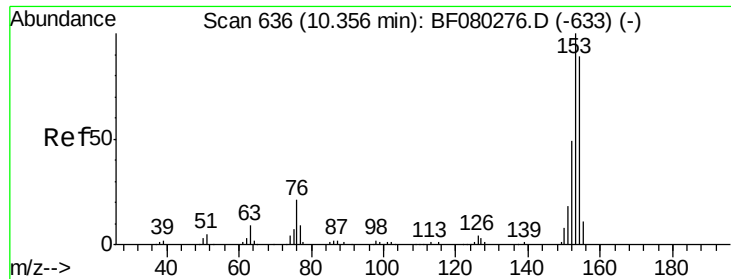
#50
2,6-Dinitrotoluene
Concen: 44.97 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:165 Resp: 44924
Ion Ratio Lower Upper
165 100
63 47.1 23.4 35.0#
89 50.6 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: 40.64 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

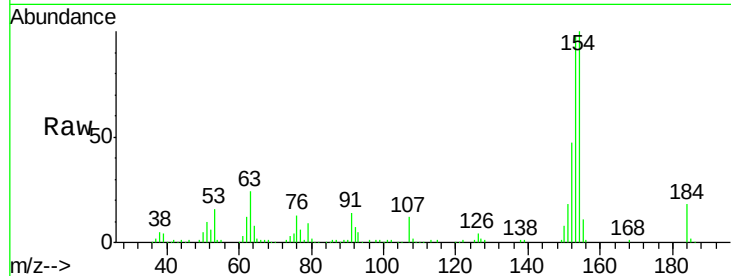
Tgt Ion:154 Resp: 171096

Ion Ratio Lower Upper

154 100

153 97.9 90.4 135.6

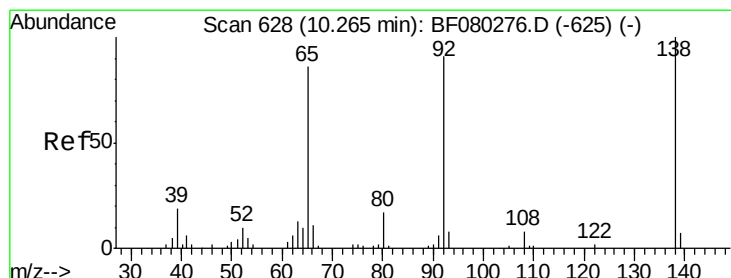
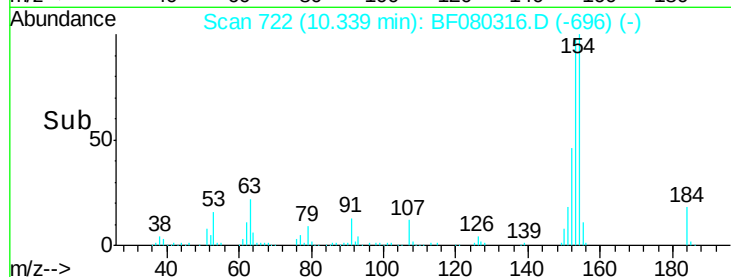
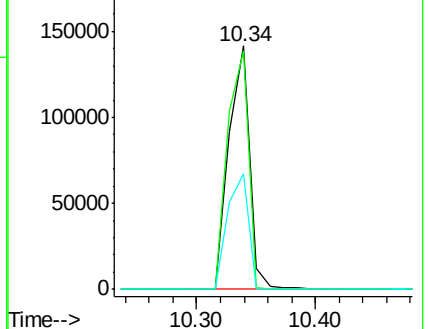
152 47.3 43.9 65.9



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: 30.45 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

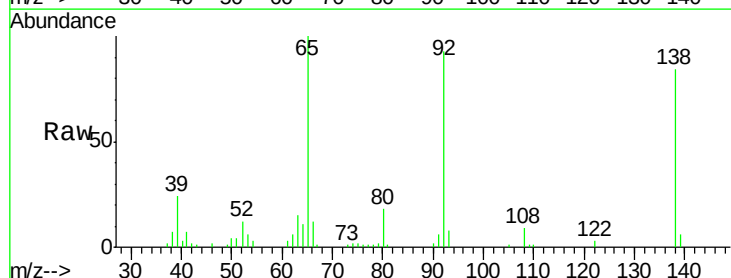
Tgt Ion:138 Resp: 34892

Ion Ratio Lower Upper

138 100

108 10.1 6.7 10.1#

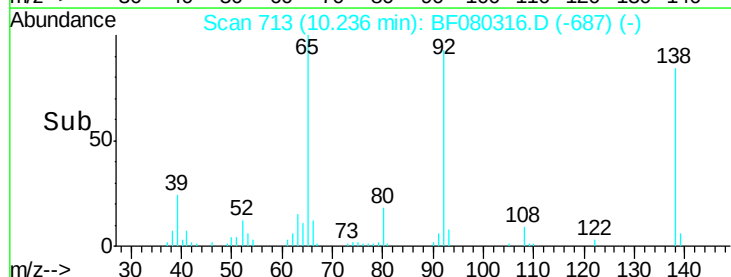
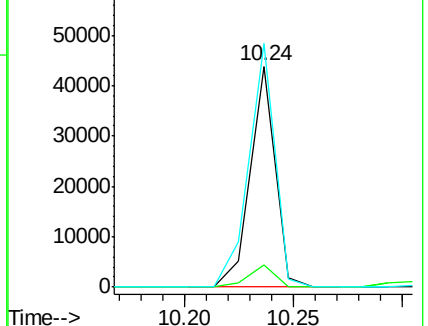
92 110.1 72.6 109.0#

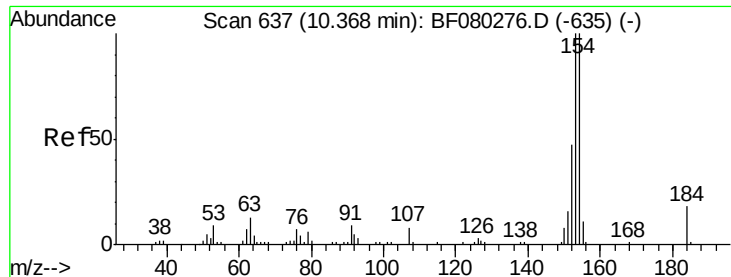


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

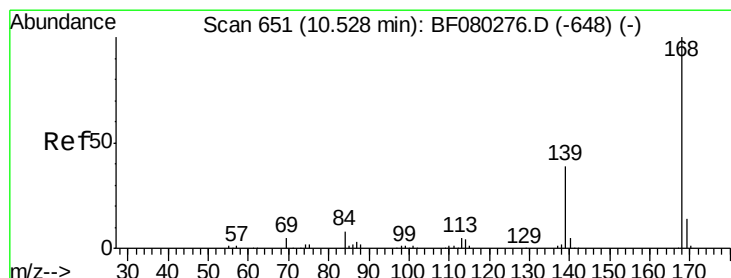
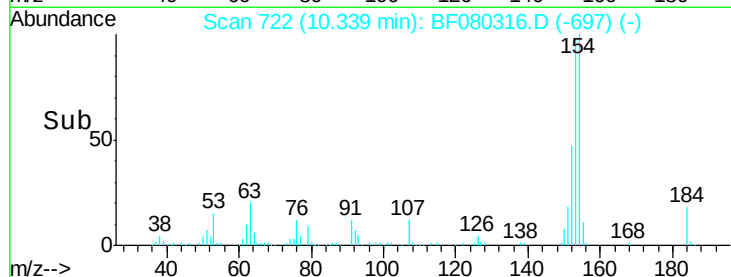
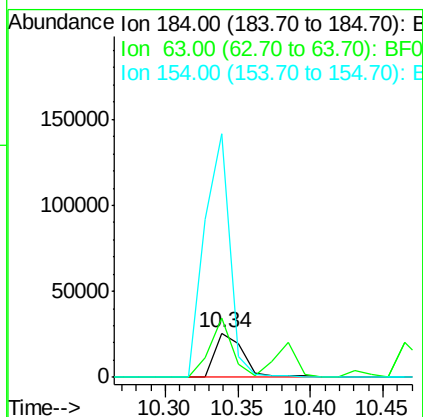
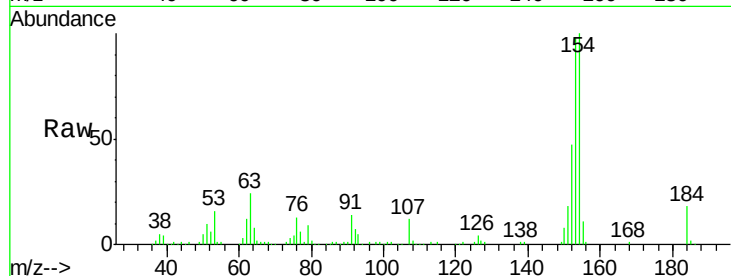




#53
2,4-Dinitrophenol
Concen: 83.92 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

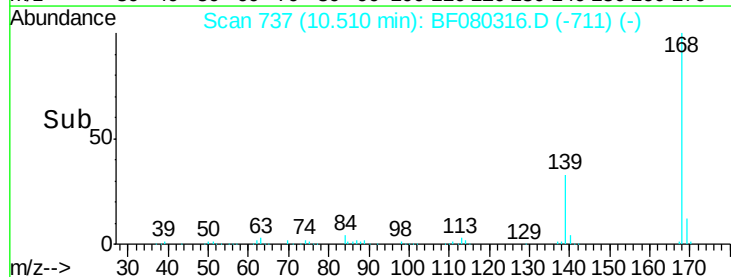
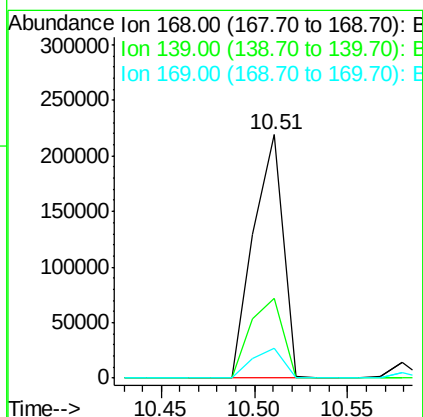
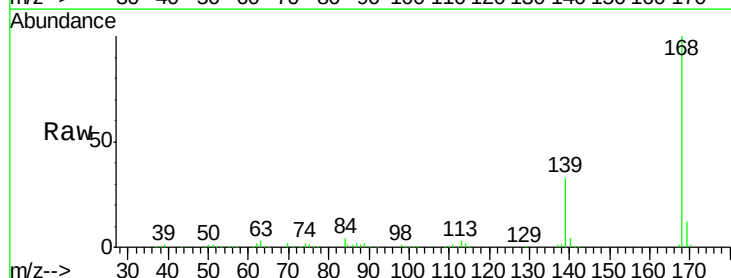
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

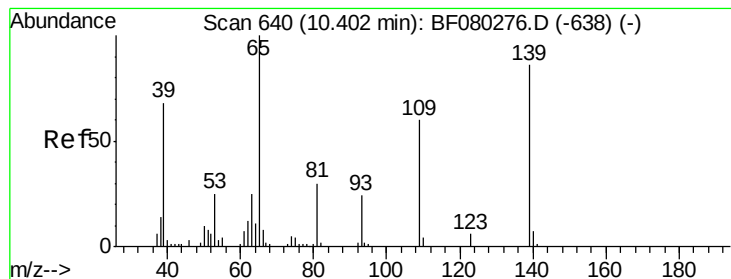
Tgt Ion:184 Resp: 35023
Ion Ratio Lower Upper
184 100
63 135.0 65.0 97.6#
154 551.4 473.1 709.7



#54
Dibenzofuran
Concen: 40.49 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:168 Resp: 240552
Ion Ratio Lower Upper
168 100
139 32.6 31.5 47.3
169 12.5 11.0 16.4





#55

4-Nitrophenol

Concen: 88.58 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

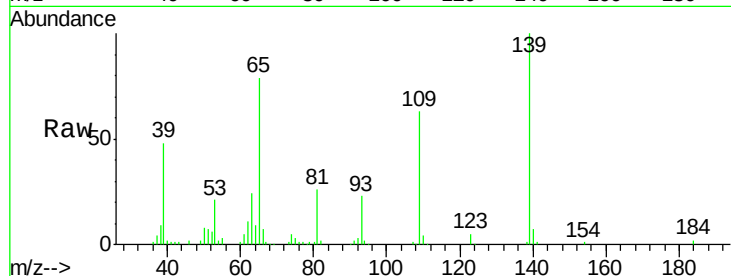
Tgt Ion:139 Resp: 75022

Ion Ratio Lower Upper

139 100

109 62.6 50.2 90.2

65 78.7 96.7 136.7#

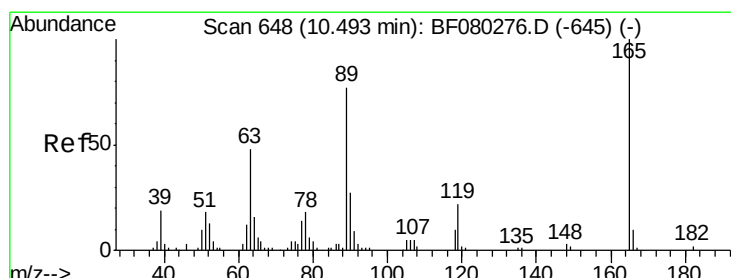
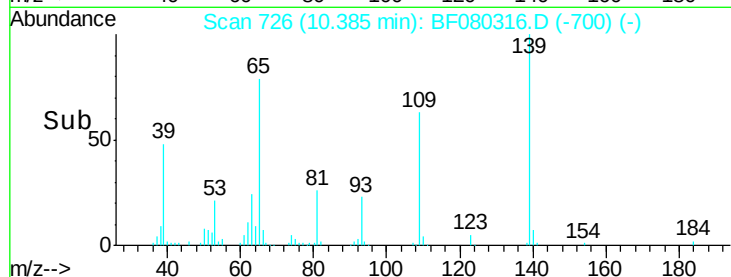


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time--> 10.30 10.40 10.50



#56

2,4-Dinitrotoluene

Concen: 40.61 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:165 Resp: 52598

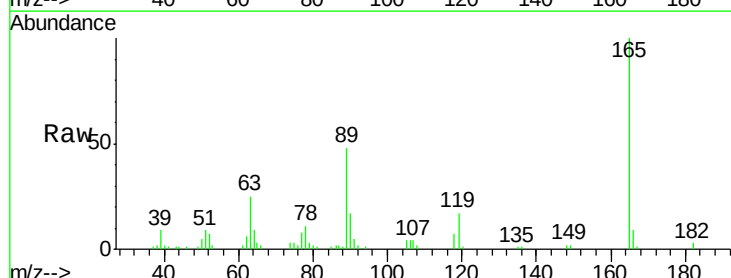
Ion Ratio Lower Upper

165 100

63 25.4 38.7 58.1#

89 47.7 62.0 93.0#

182 2.8 1.8 2.8



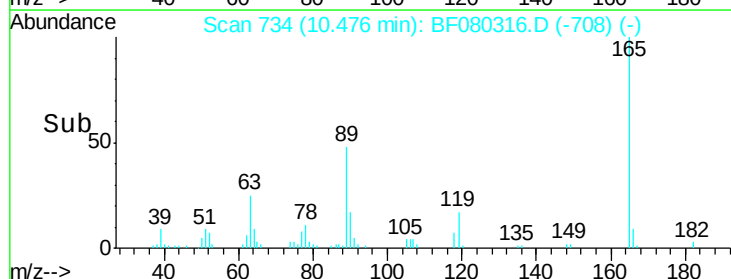
Abundance Ion 165.00 (164.70 to 165.70): E

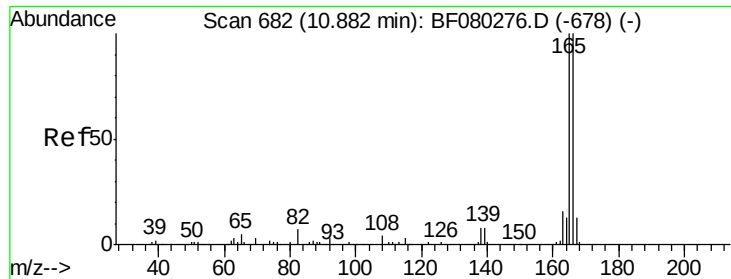
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.40 10.45 10.50

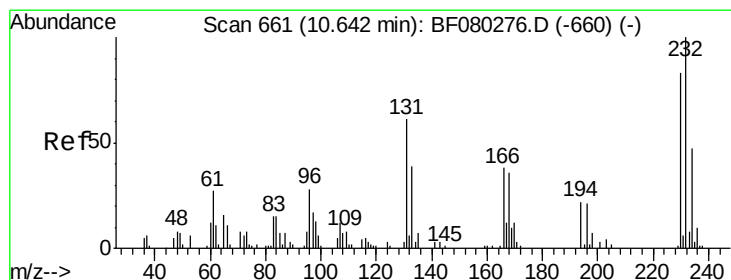
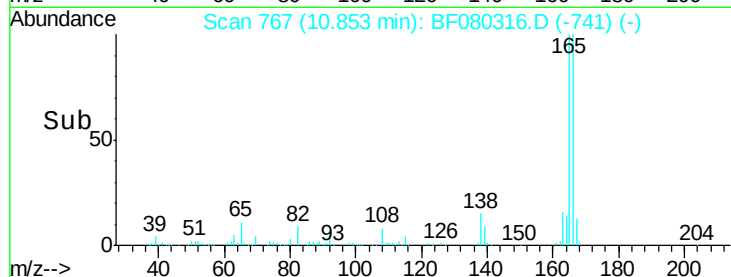
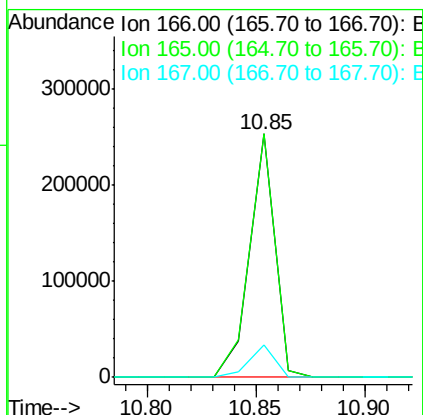
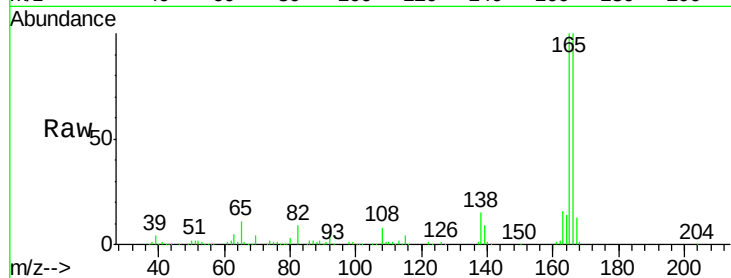




#57
 Fluorene
 Concen: 41.56 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

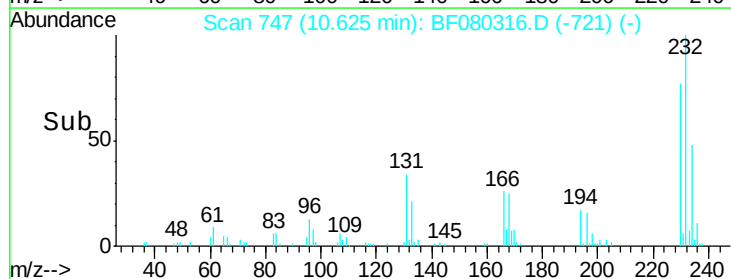
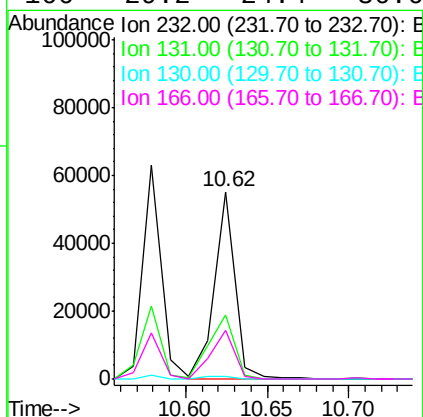
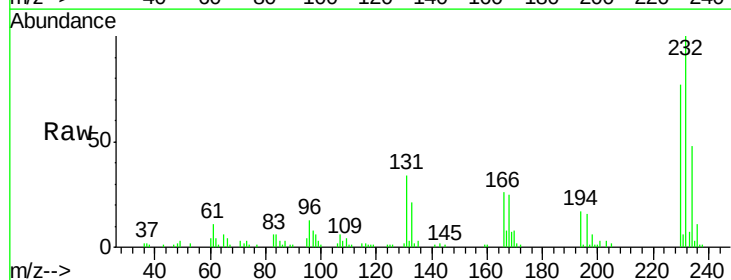
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

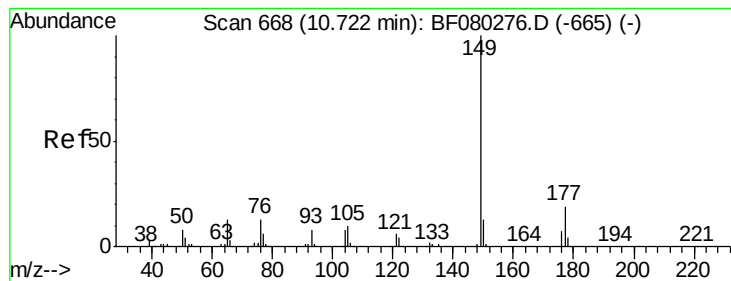
Tgt Ion:166 Resp: 204809
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.9 119.9
 167 13.2 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.45 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:232 Resp: 49156
 Ion Ratio Lower Upper
 232 100
 131 41.6 37.0 55.6
 130 2.0 1.5 2.3
 166 29.2 24.4 36.6





#59

Diethylphthalate

Concen: 44.15 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

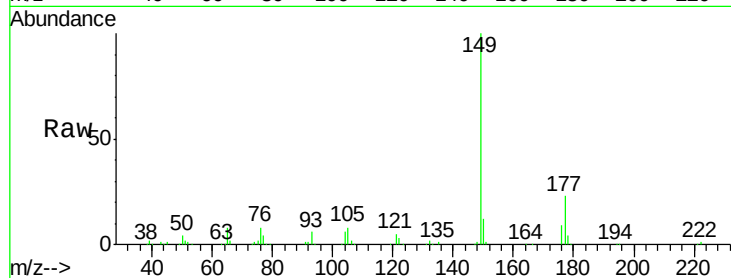
Tgt Ion:149 Resp: 205040

Ion Ratio Lower Upper

149 100

177 23.3 15.4 23.0#

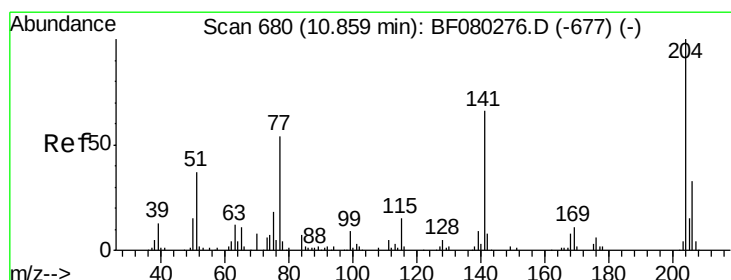
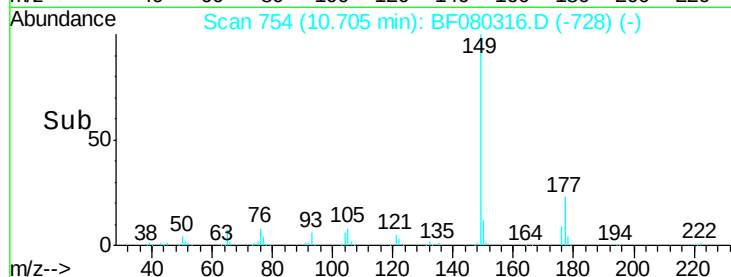
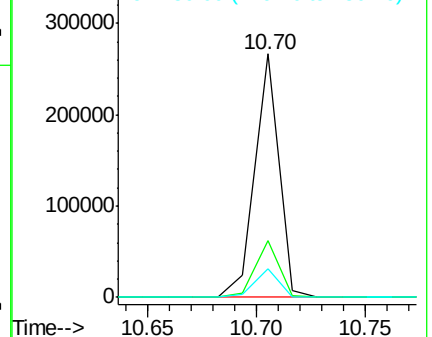
150 12.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.19 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

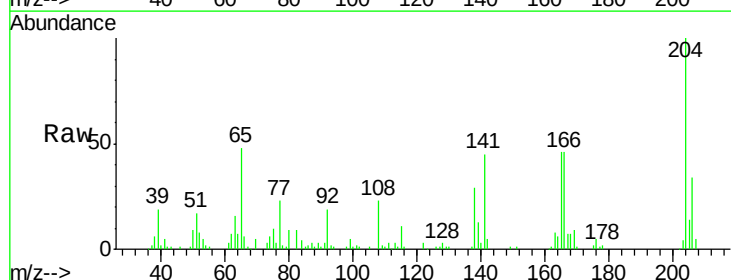
Tgt Ion:204 Resp: 89565

Ion Ratio Lower Upper

204 100

206 34.0 26.5 39.7

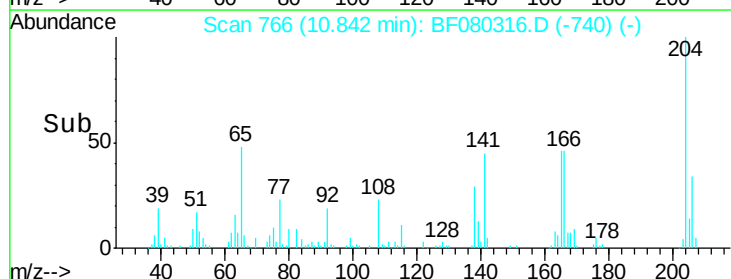
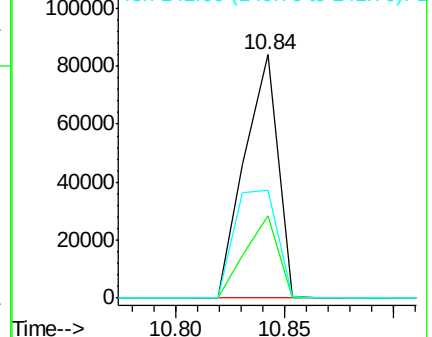
141 44.6 52.5 78.7#

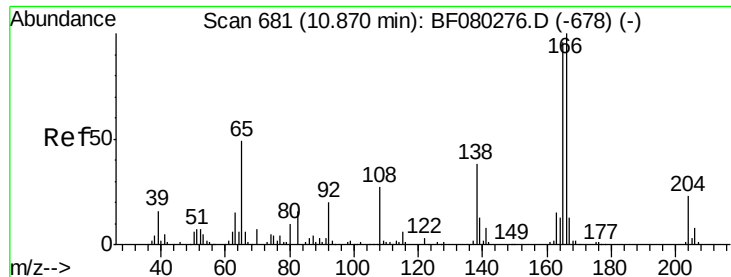


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

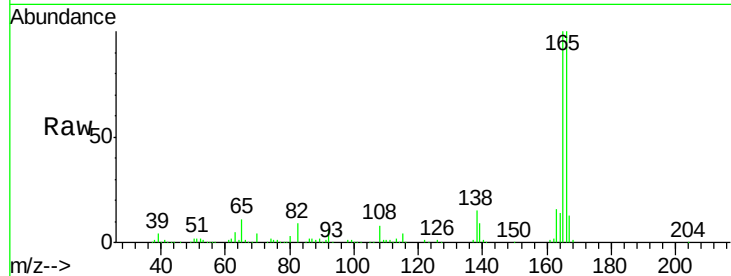




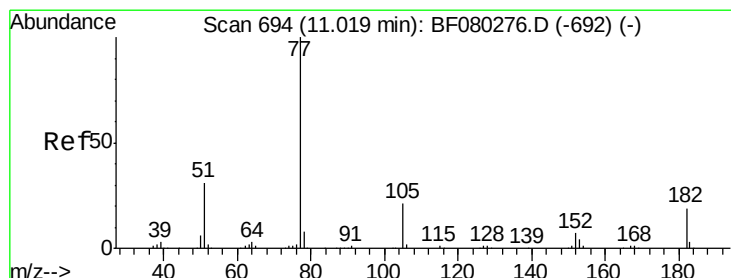
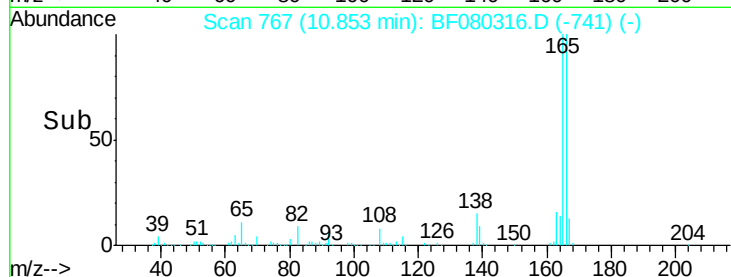
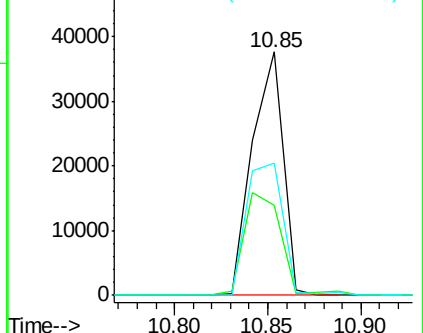
#61
4-Nitroaniline
Concen: 36.99 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:138 Resp: 43073
Ion Ratio Lower Upper
138 100
92 37.0 32.7 72.7
108 54.4 49.6 89.6

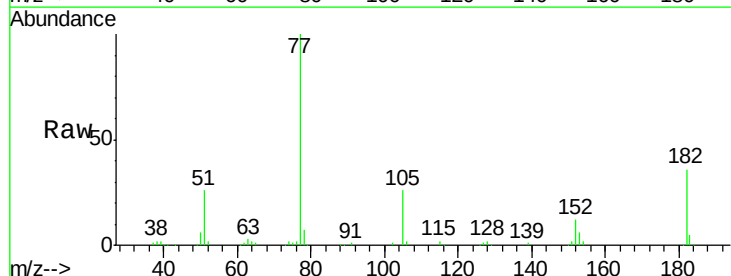


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

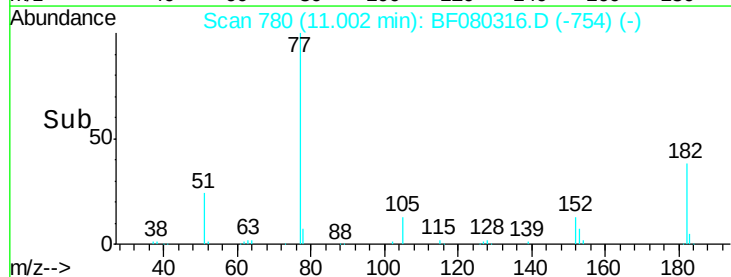
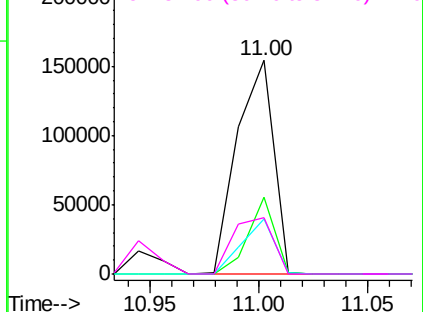


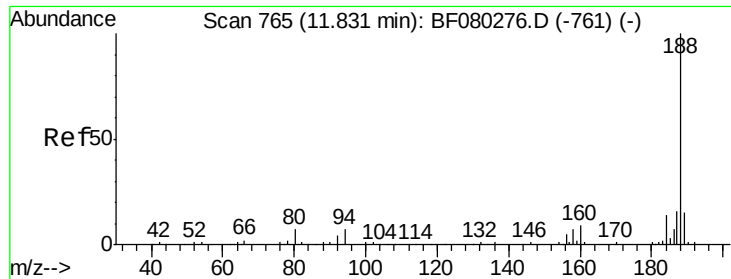
#62
Azobenzene
Concen: 37.68 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion: 77 Resp: 179989
Ion Ratio Lower Upper
77 100
182 36.0 0.0 38.9
105 25.8 1.3 41.3
51 26.4 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

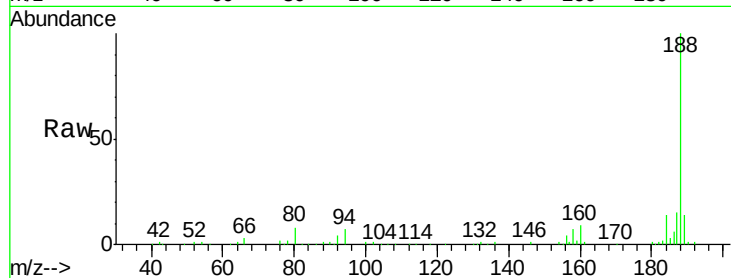




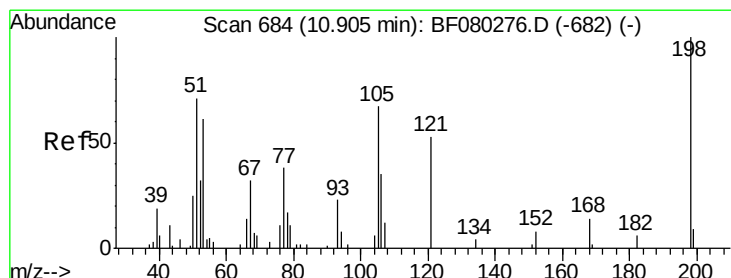
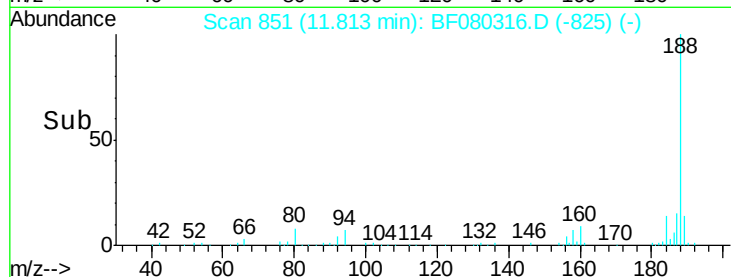
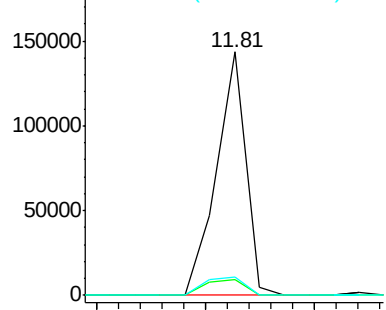
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:188 Resp: 133852
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.4 8.0
 80 7.7 5.8 8.6

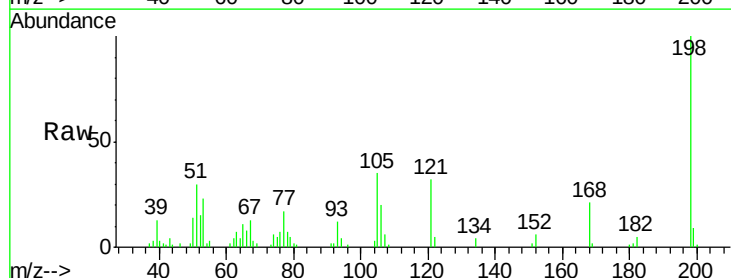


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

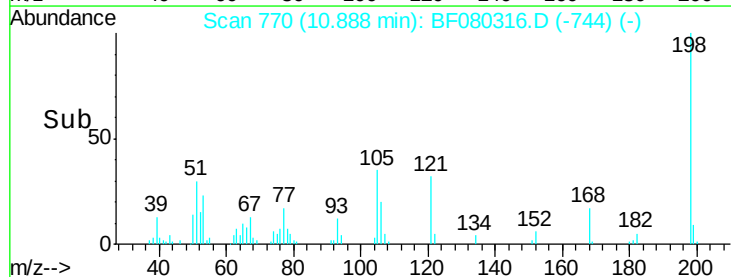
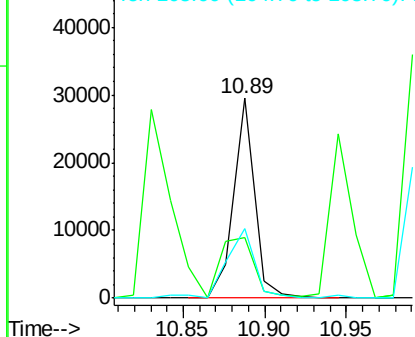


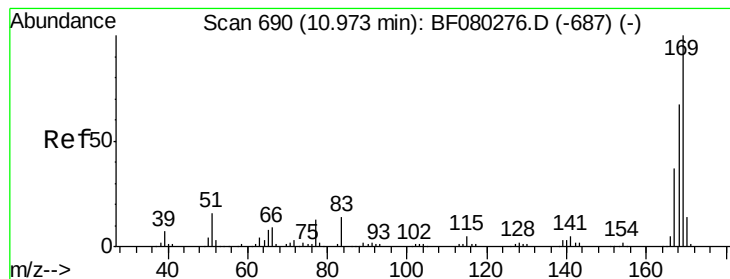
#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.54 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:198 Resp: 25962
 Ion Ratio Lower Upper
 198 100
 51 30.1 63.7 103.7#
 105 35.1 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

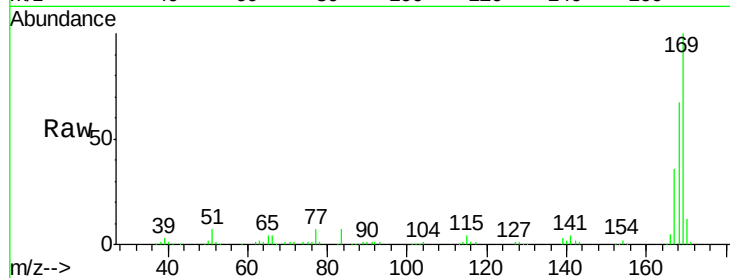




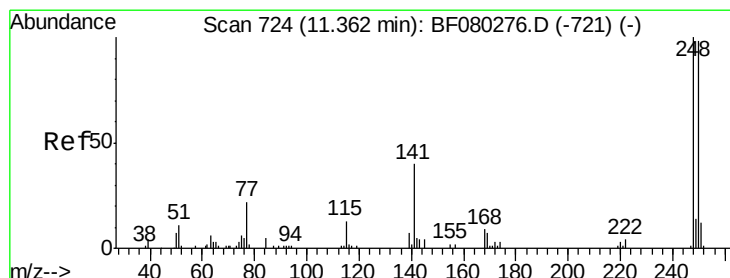
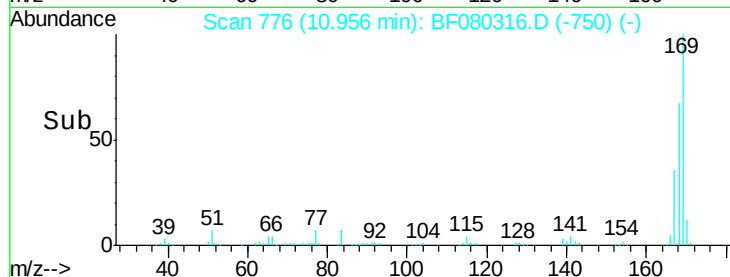
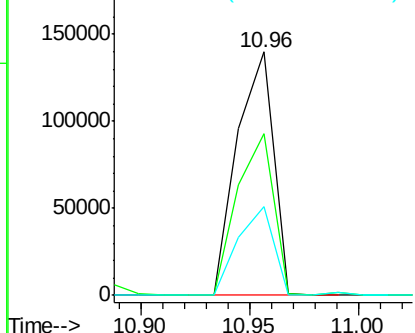
#65
 n-Nitrosodiphenylamine
 Concen: 36.89 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:169 Resp: 162253
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.6 80.4
 167 36.5 29.9 44.9

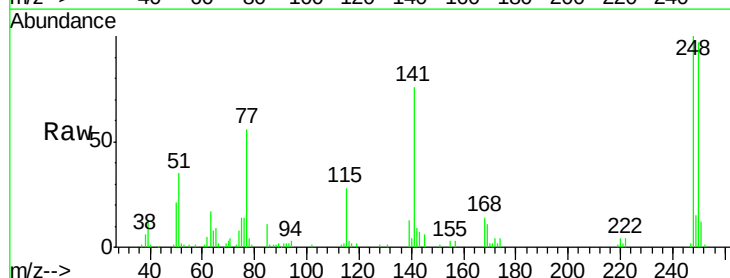


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

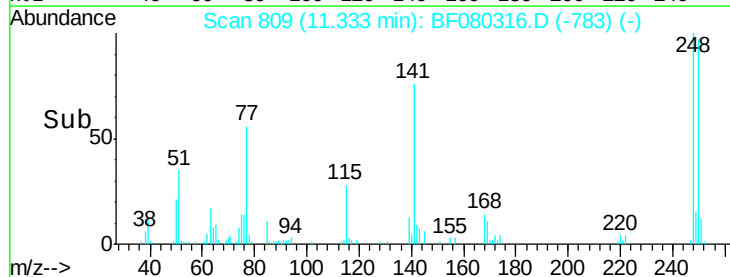
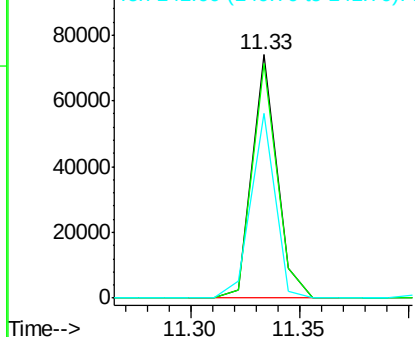


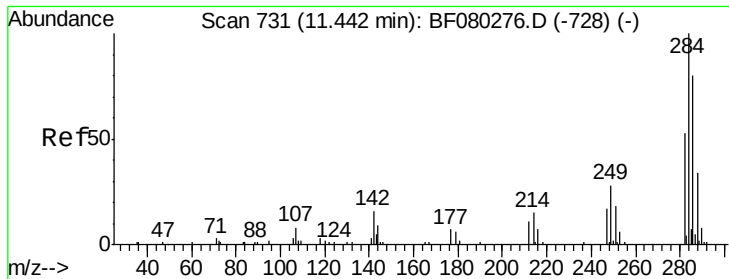
#66
 4-Bromophenyl-phenylether
 Concen: 40.49 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:248 Resp: 58577
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.2 117.4
 141 75.7 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: 39.95 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

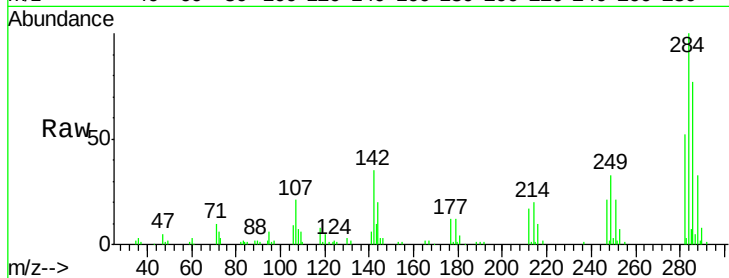
Tgt Ion:284 Resp: 61944

Ion Ratio Lower Upper

284 100

142 35.0 12.5 18.7#

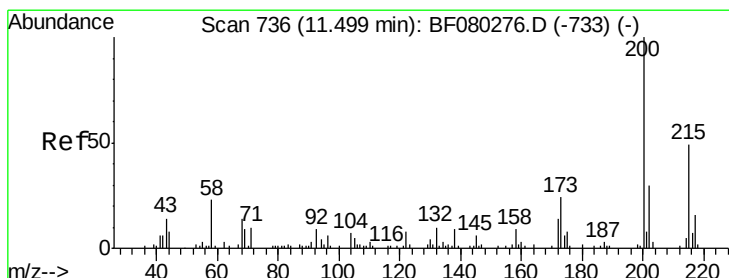
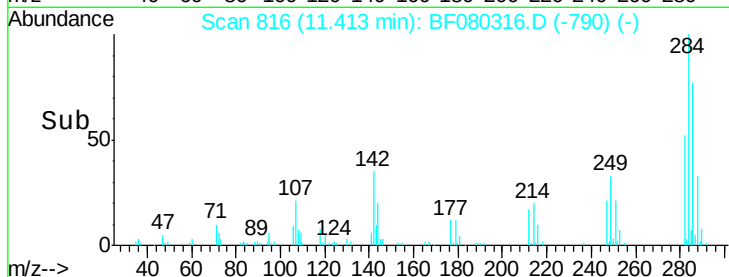
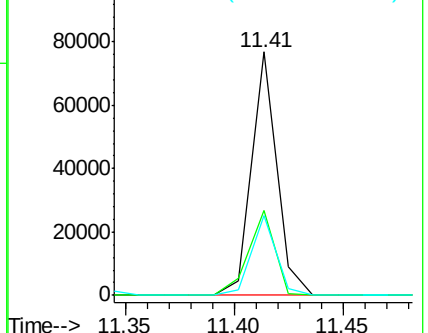
249 32.8 22.4 33.6



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: 35.87 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

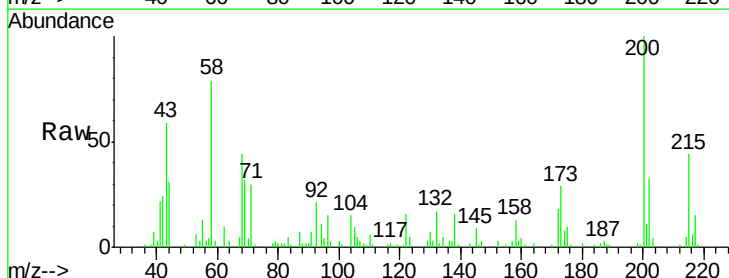
Tgt Ion:200 Resp: 47693

Ion Ratio Lower Upper

200 100

173 29.2 3.5 43.5

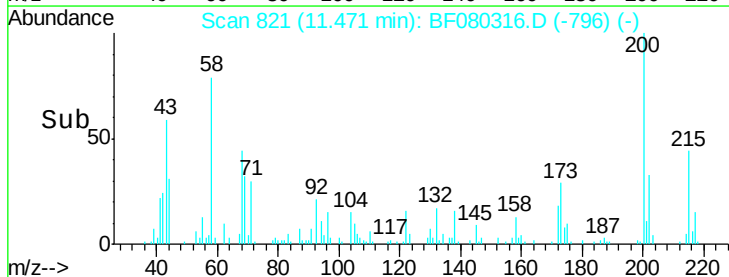
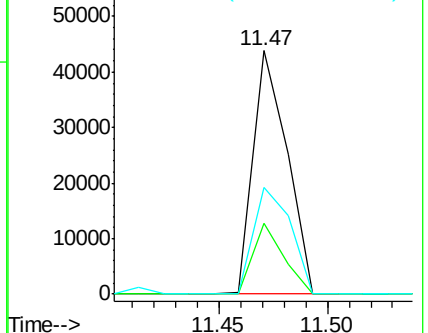
215 43.8 28.6 68.6

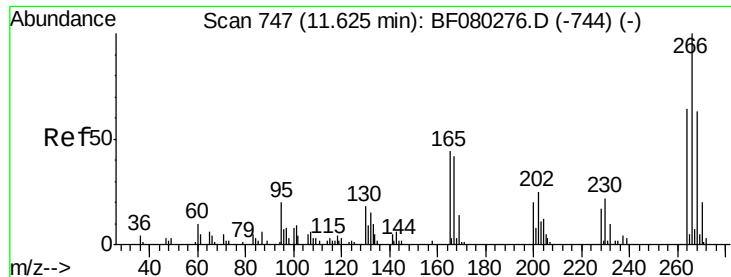


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

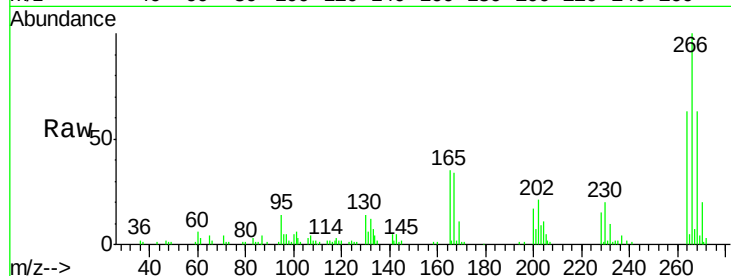




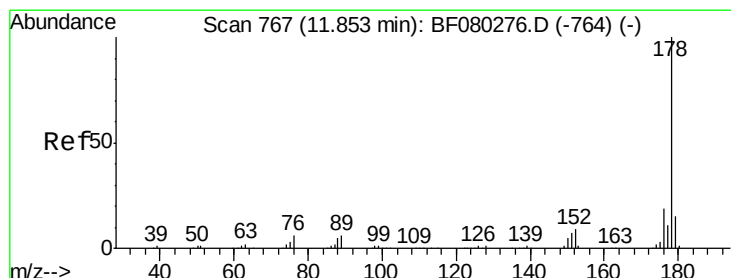
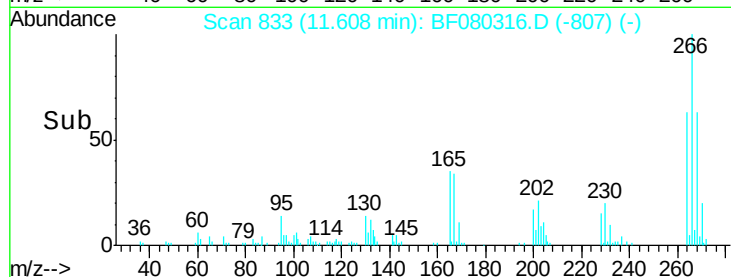
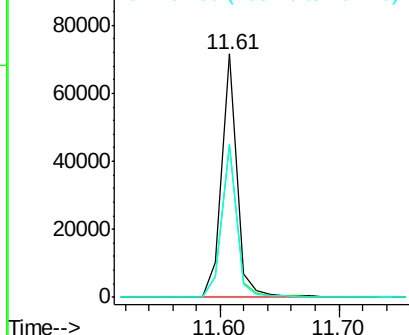
#69
 Pentachlorophenol
 Concen: 75.82 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:266 Resp: 63475
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.7 76.1
 264 62.7 51.3 76.9

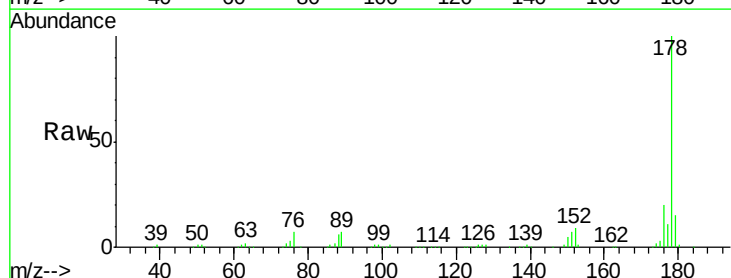


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

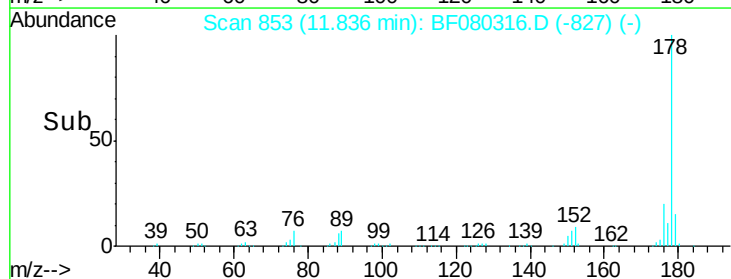
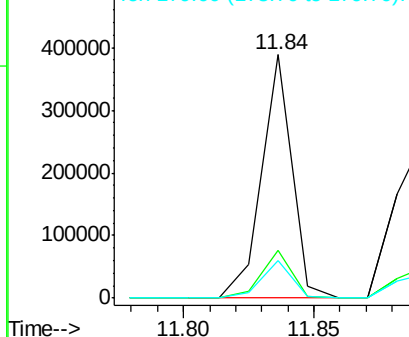


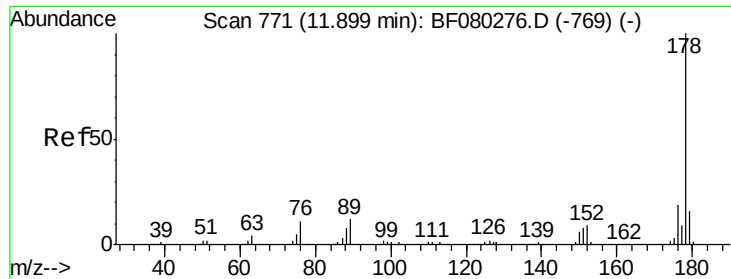
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:178 Resp: 317281
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 15.2 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

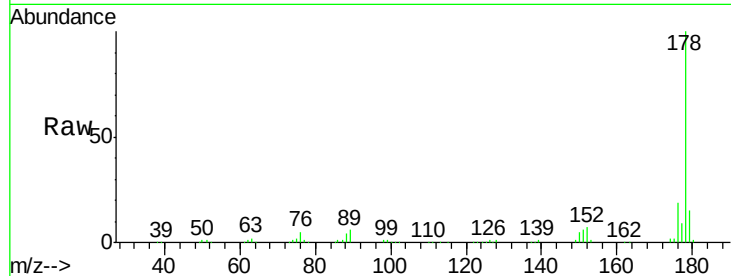




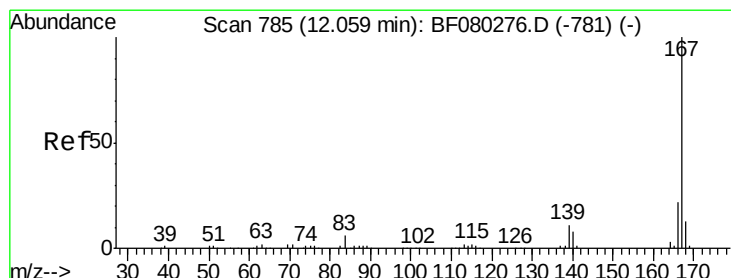
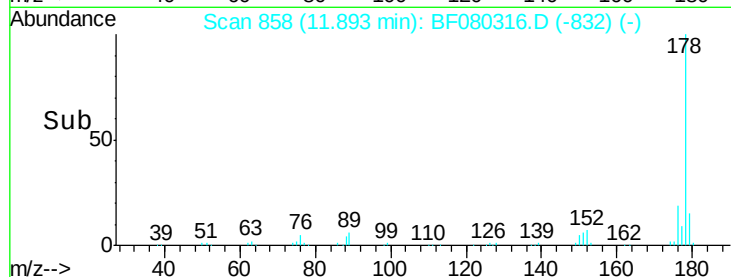
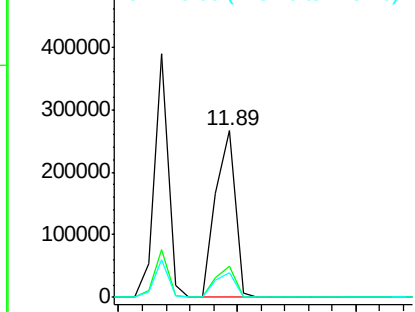
#71
 Anthracene
 Concen: 39.52 ng
 RT: 11.89 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:178 Resp: 304103
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 14.6 12.6 18.8

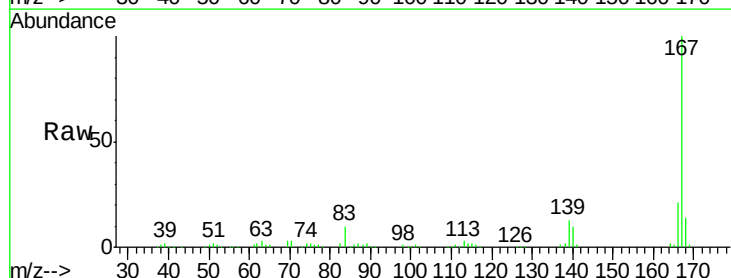


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

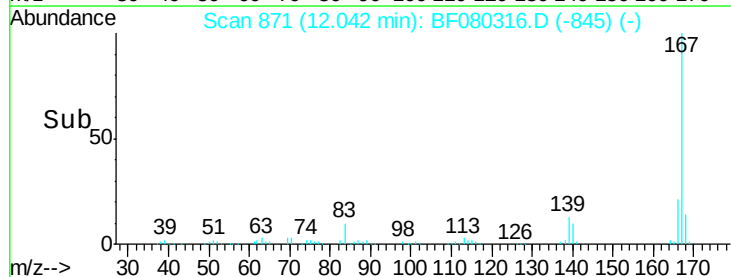
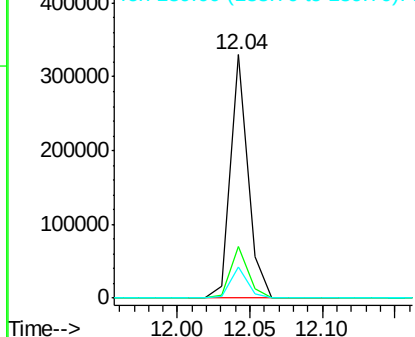


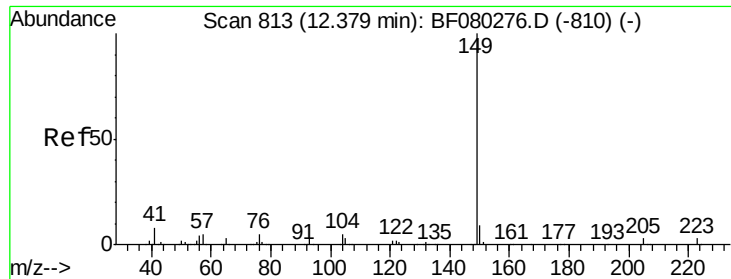
#72
 Carbazole
 Concen: 38.62 ng
 RT: 12.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:167 Resp: 277870
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 13.0 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

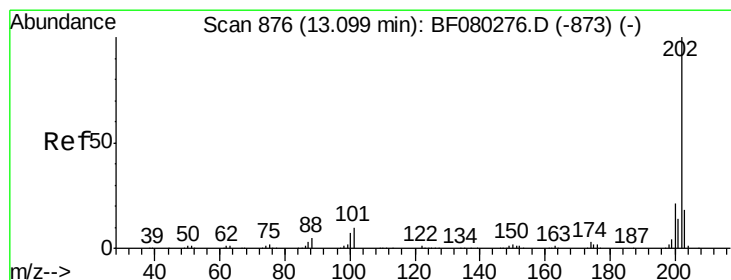
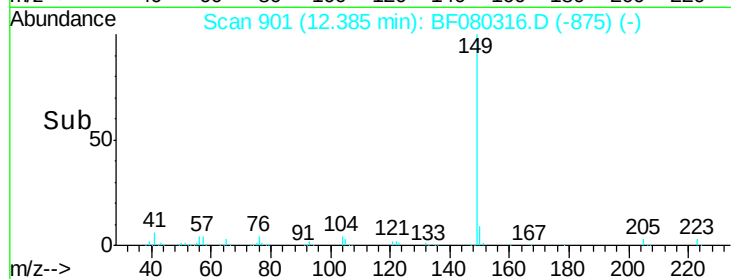
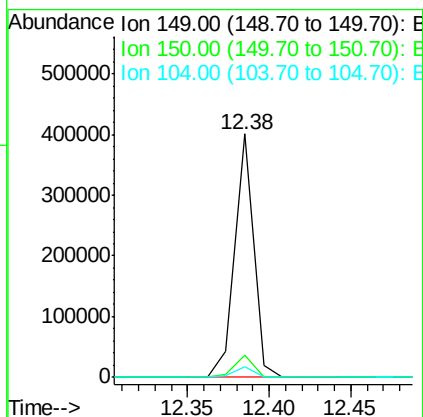
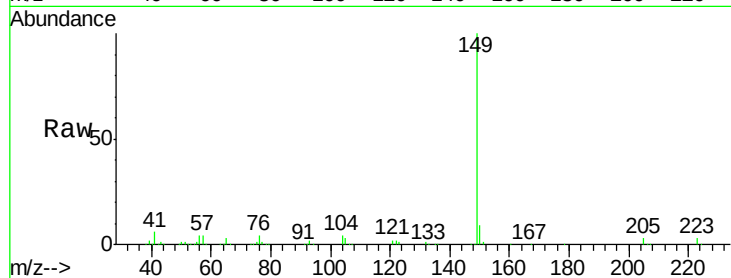




#73
Di-n-butylphthalate
Concen: 41.29 ng
RT: 12.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

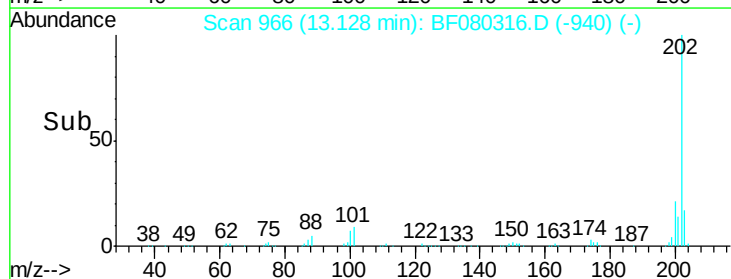
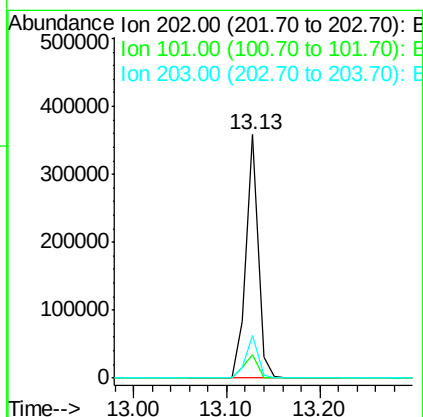
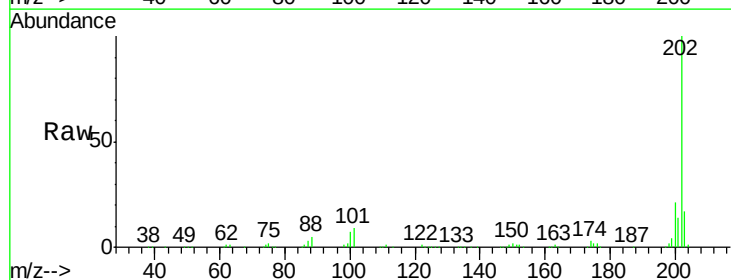
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

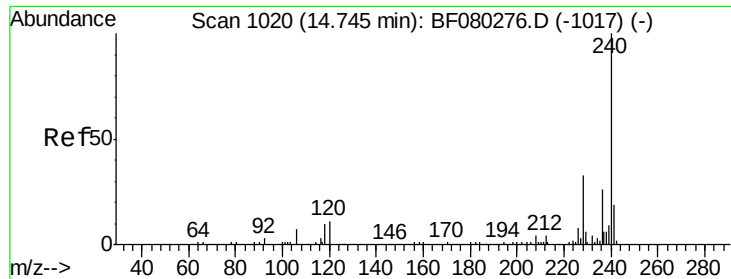
Tgt Ion:149 Resp: 318739
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 39.57 ng
RT: 13.13 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:202 Resp: 327890
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.4
203 17.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

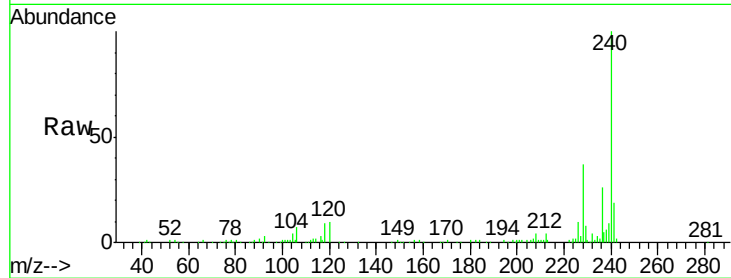
Tgt Ion:240 Resp: 144379

Ion Ratio Lower Upper

240 100

120 10.0 8.7 13.1

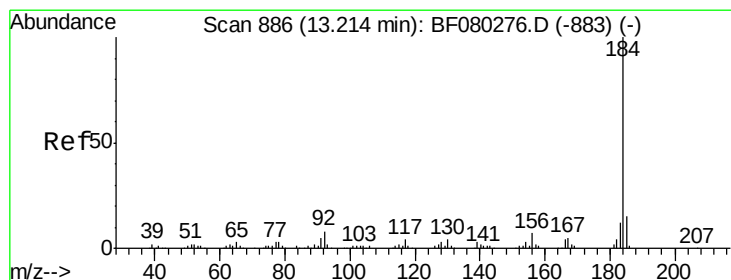
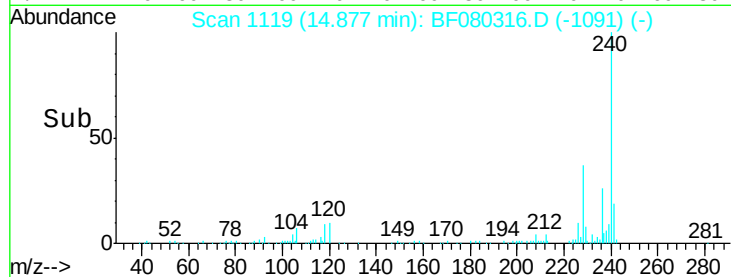
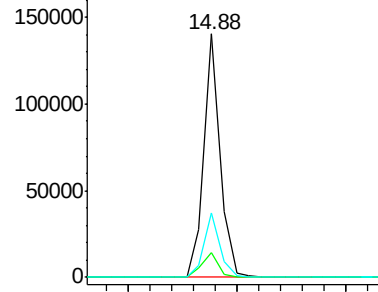
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.65 ng

RT: 13.25 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

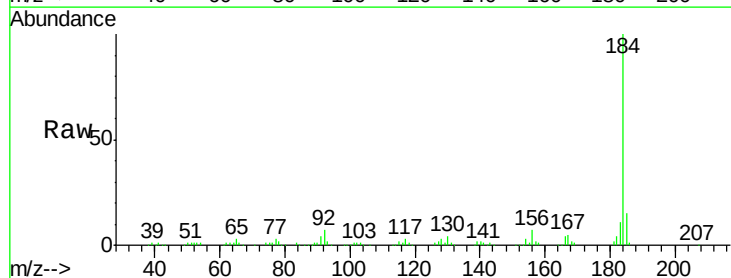
Tgt Ion:184 Resp: 188762

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

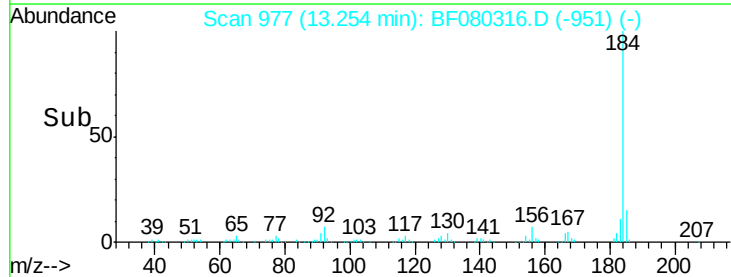
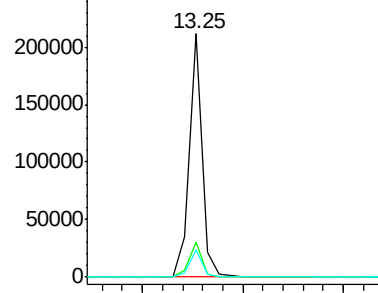
183 11.1 9.4 14.0

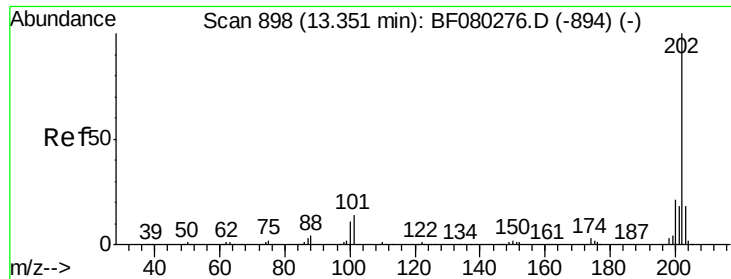


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

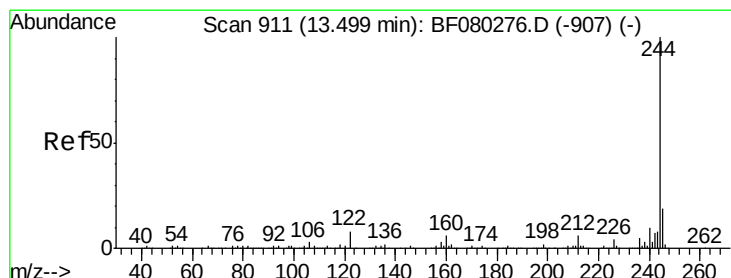
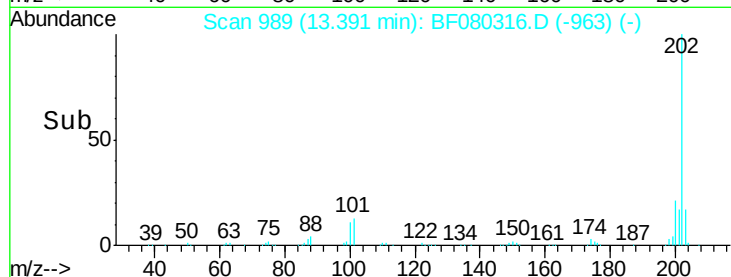
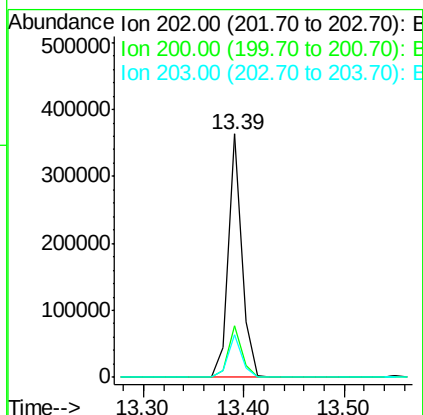
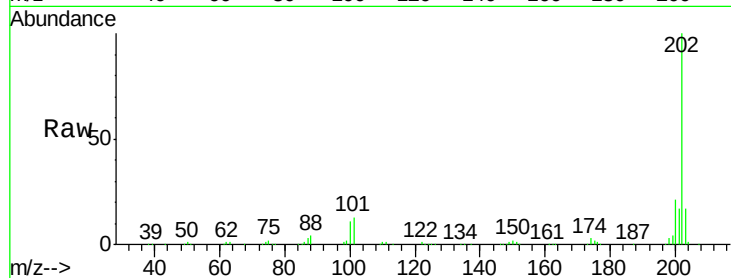




#77
Pyrene
 Concen: 36.96 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

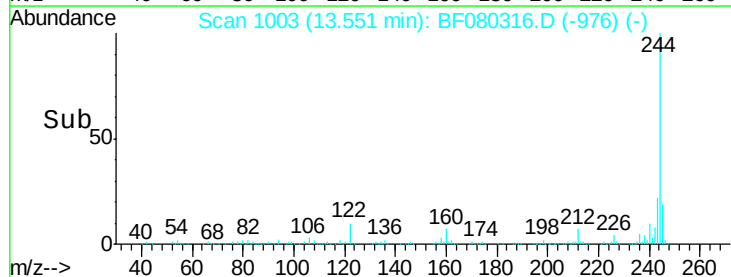
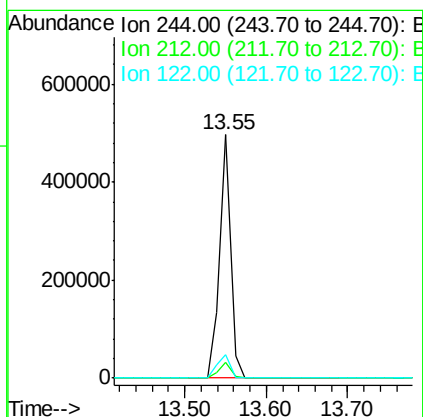
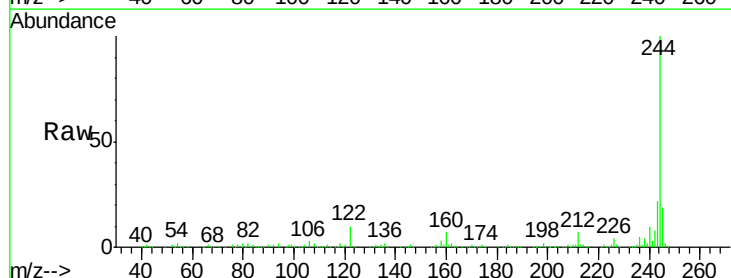
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

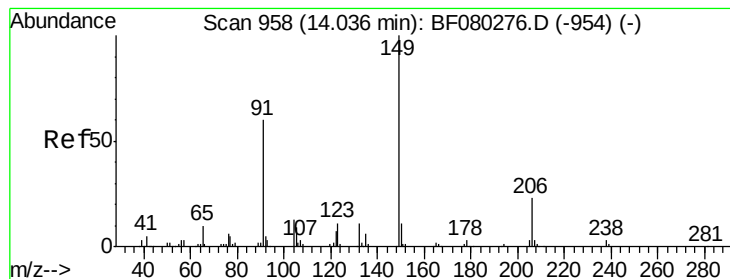
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.4	14.0	21.0



#78
Terphenyl-d14
 Concen: 76.09 ng
 RT: 13.55 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	9.5	6.6	9.8





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 14.12 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

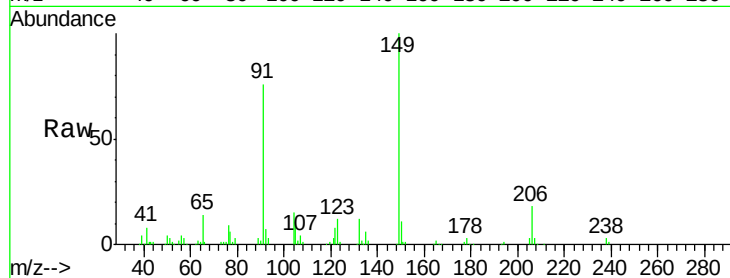
Tgt Ion:149 Resp: 132439

Ion Ratio Lower Upper

149 100

91 76.4 48.1 72.1#

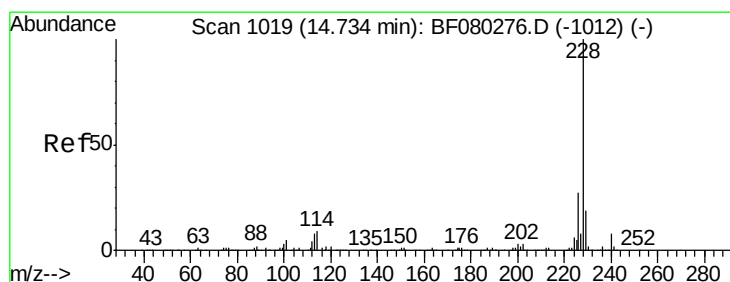
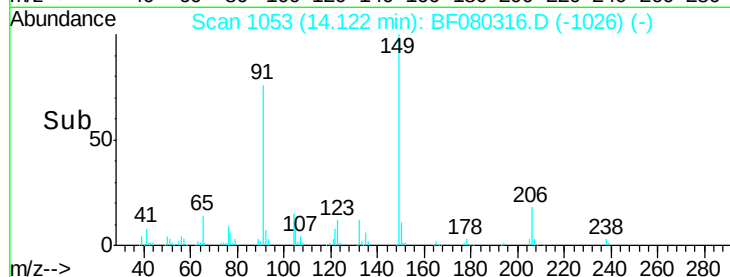
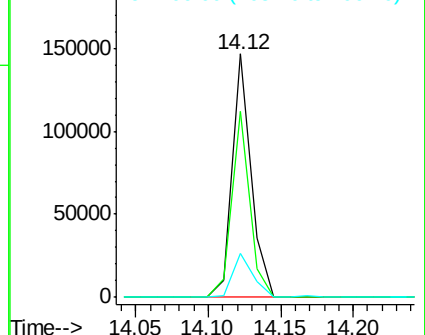
206 18.3 18.1 27.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.32 ng

RT: 14.87 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

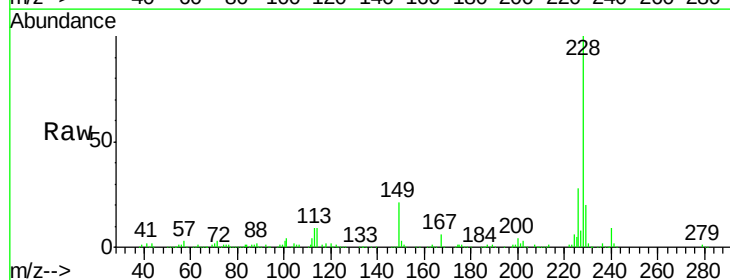
Tgt Ion:228 Resp: 334363

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

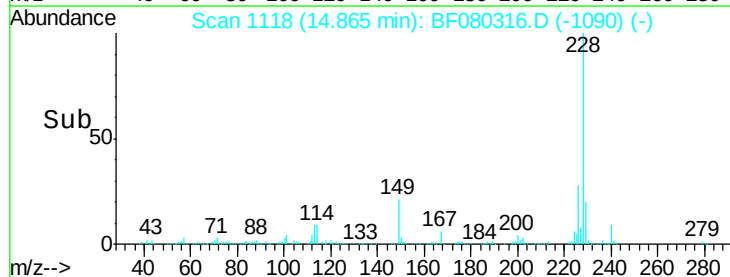
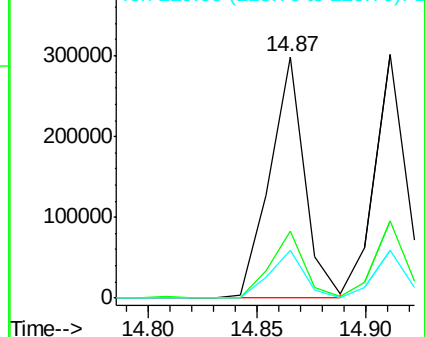
229 19.6 15.5 23.3

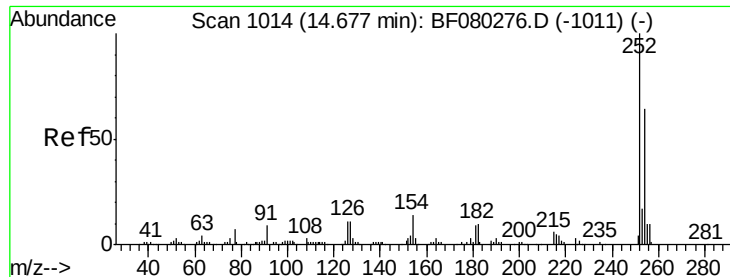


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

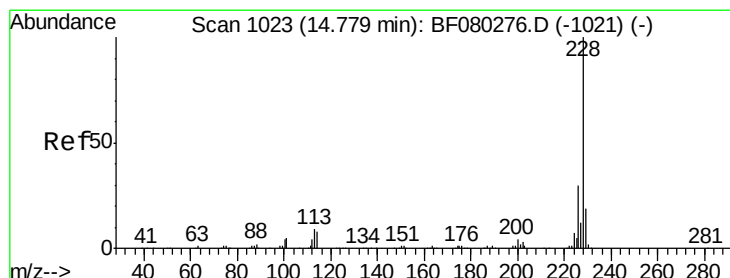
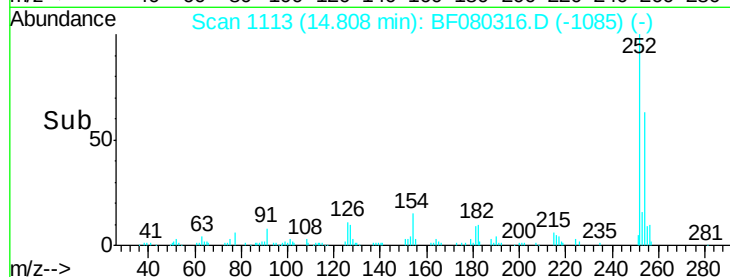
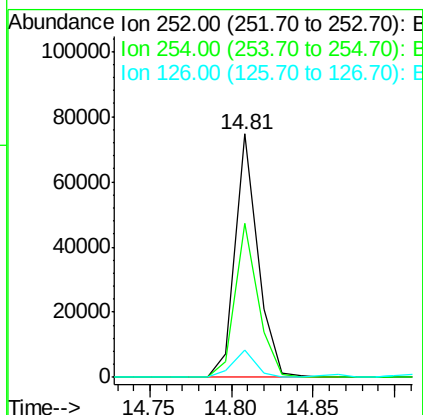
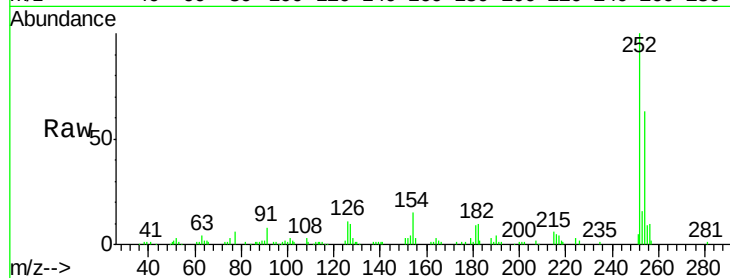




#81
 3,3'-Dichlorobenzidine
 Concen: 25.20 ng
 RT: 14.81 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

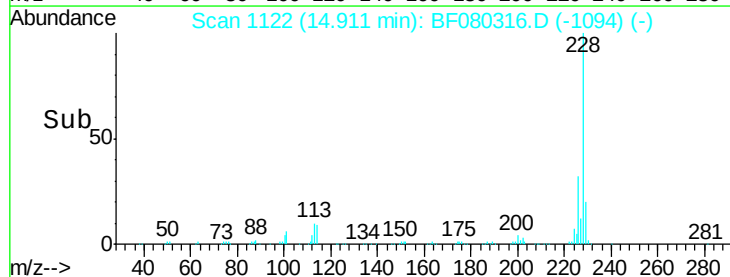
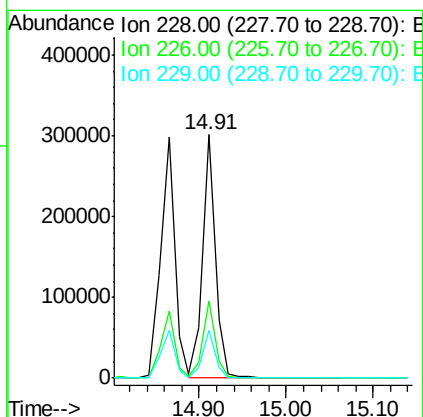
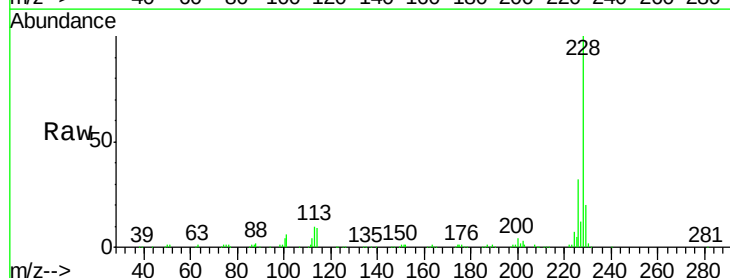
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

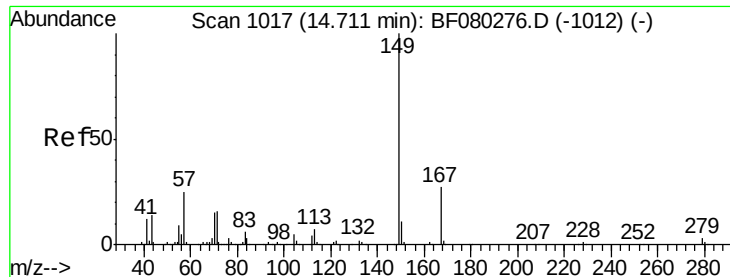
Tgt Ion:252 Resp: 71783
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.8 76.2
 126 11.1 9.0 13.6



#82
 Chrysene
 Concen: 38.32 ng
 RT: 14.91 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:228 Resp: 308212
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.0 36.0
 229 19.7 15.4 23.0

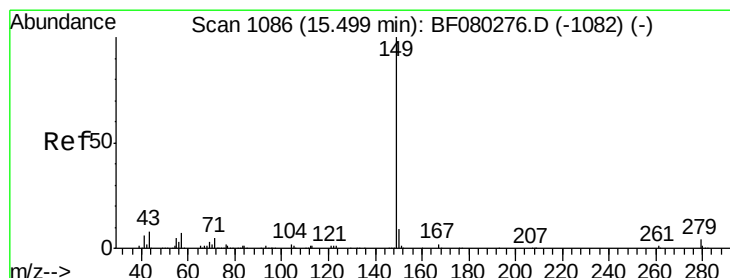
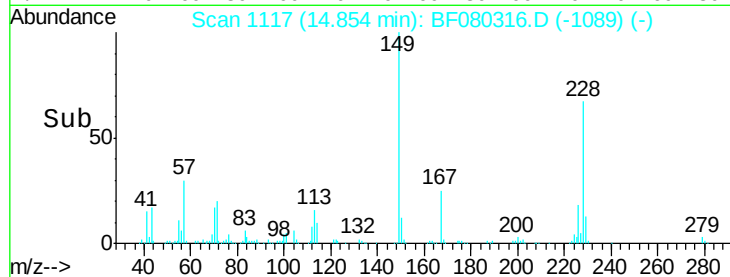
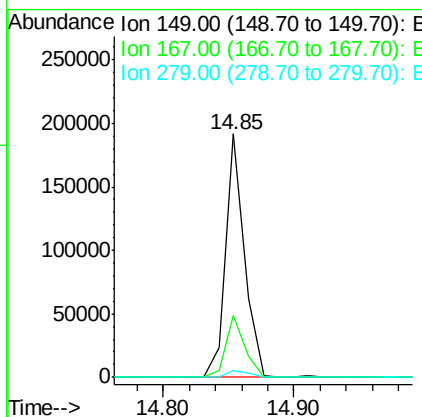
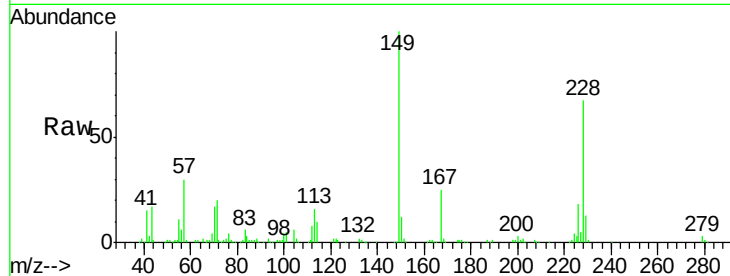




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.50 ng
 RT: 14.85 min Scan# 1117
 Delta R.T. 0.02 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

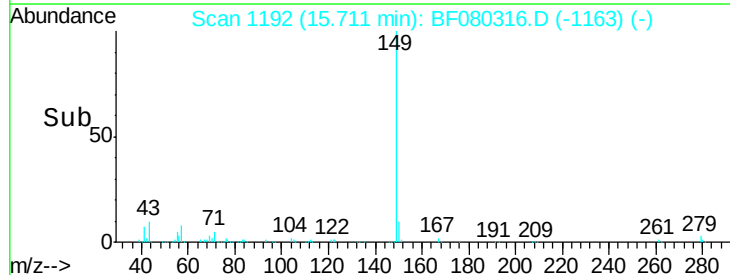
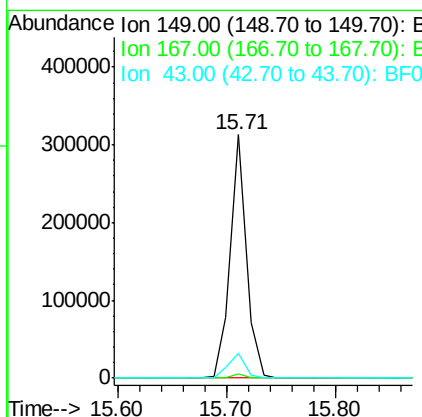
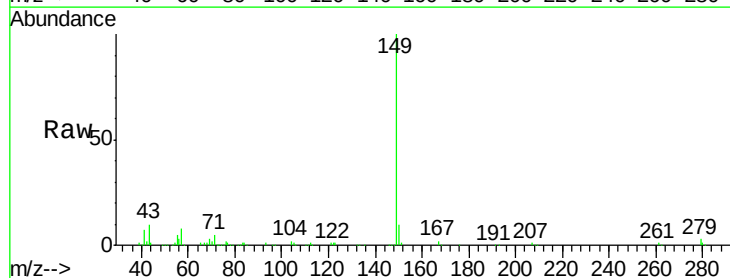
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

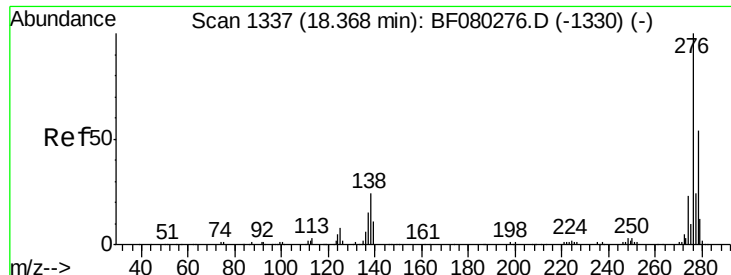
Tgt Ion:149 Resp: 192009
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.7 32.5
 279 2.8 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 38.31 ng
 RT: 15.71 min Scan# 1192
 Delta R.T. 0.03 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:149 Resp: 321981
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.4 8.3 12.5

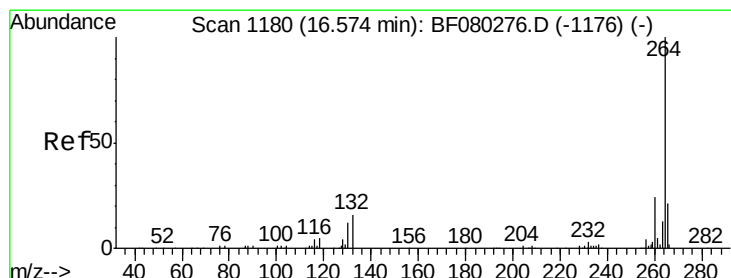
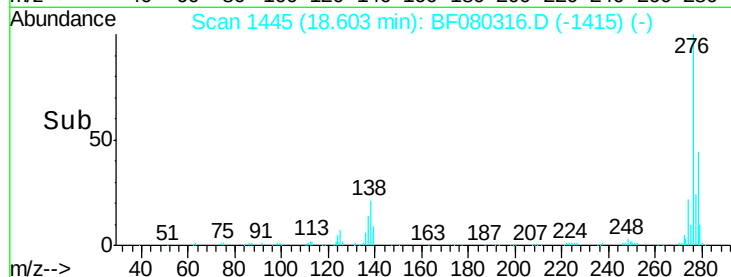
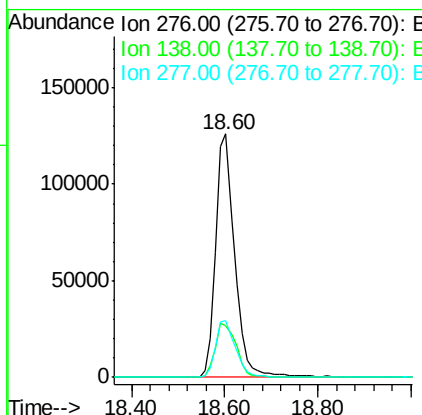
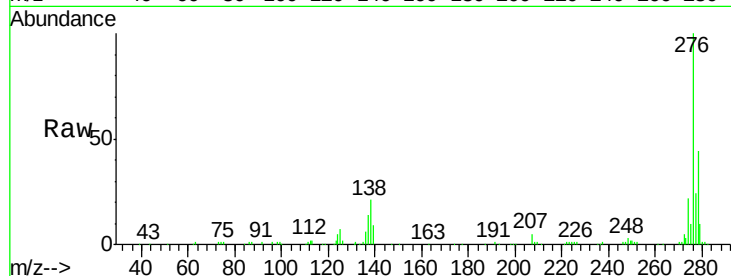




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.29 ng
 RT: 18.60 min Scan# 1445
 Delta R.T. 0.05 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

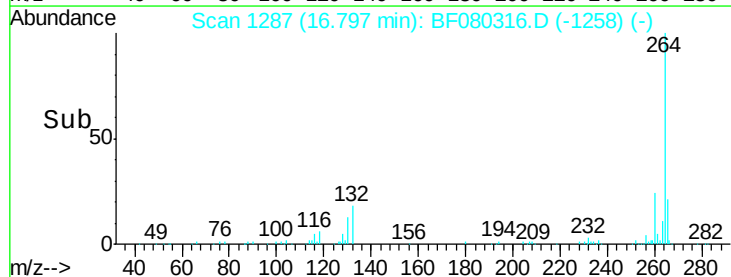
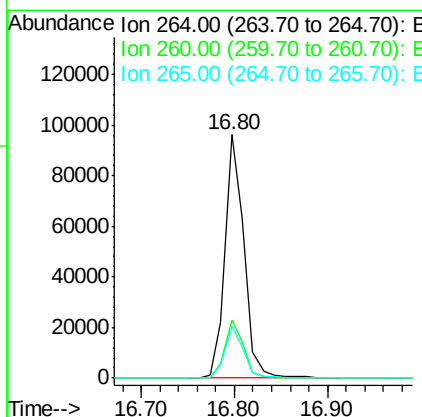
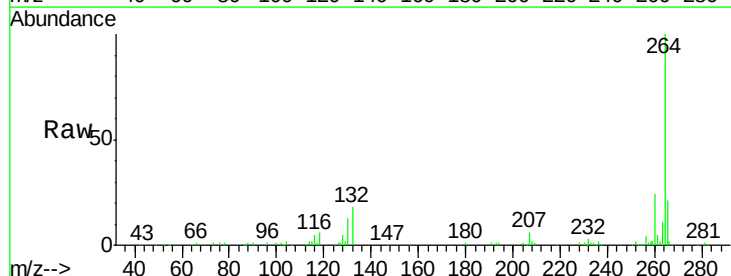
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

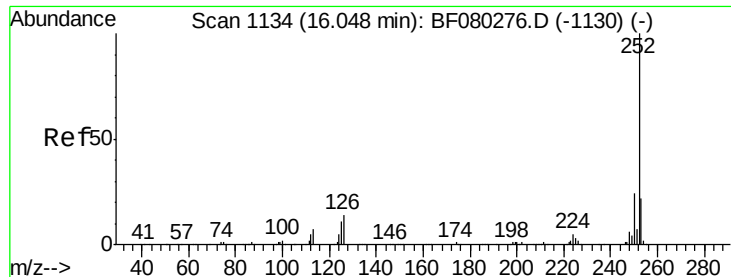
Tgt Ion: 276 Resp: 355273
 Ion Ratio Lower Upper
 276 100
 138 24.8 21.0 31.6
 277 24.5 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.03 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion: 264 Resp: 136102
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 37.56 ng

RT: 16.27 min Scan# 1241

Delta R.T. 0.03 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

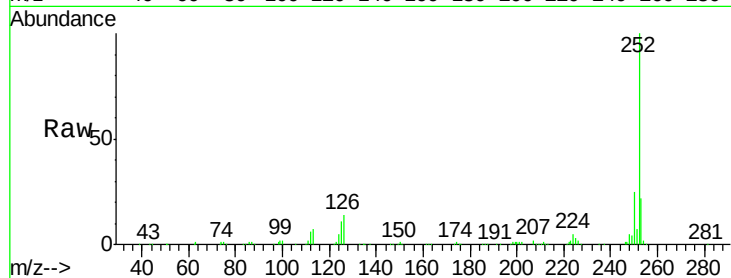
Tgt Ion:252 Resp: 322859

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

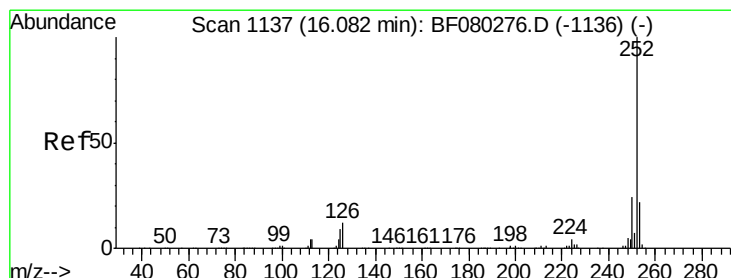
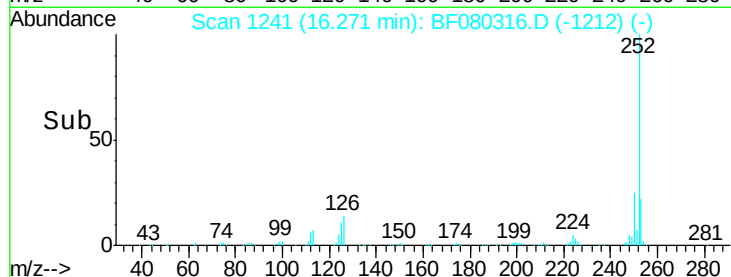
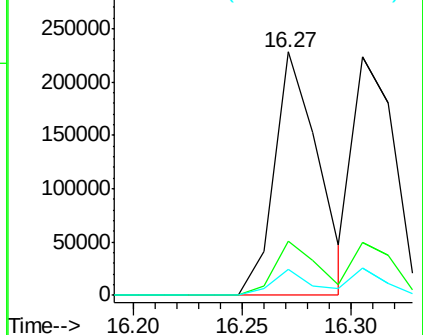
125 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.47 ng

RT: 16.31 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

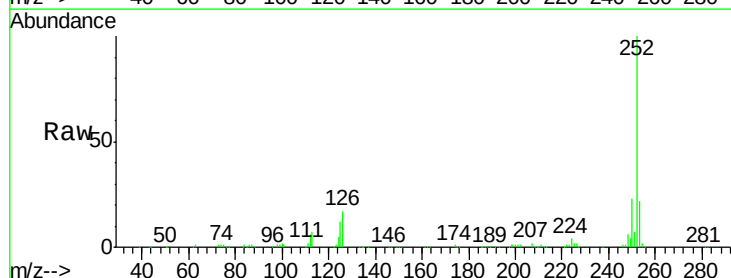
Tgt Ion:252 Resp: 303355

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

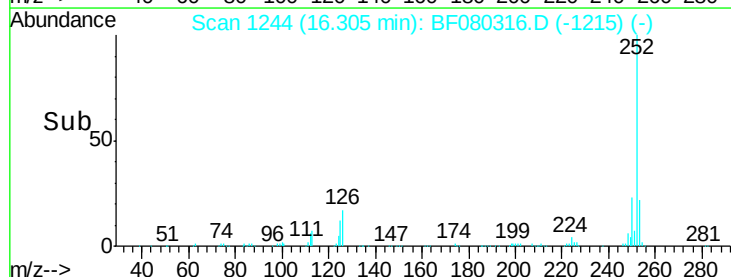
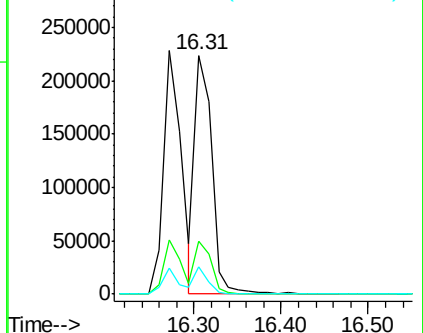
125 11.7 8.4 12.6

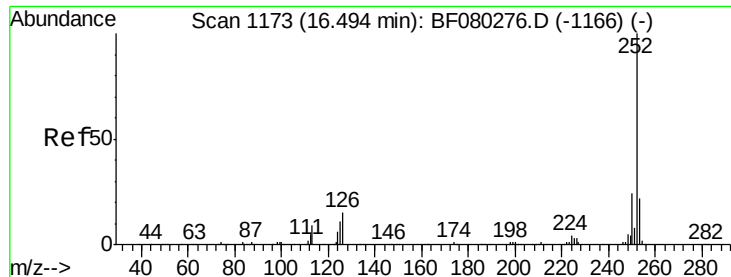


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.72 ng

RT: 16.73 min Scan# 1281

Delta R.T. 0.05 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

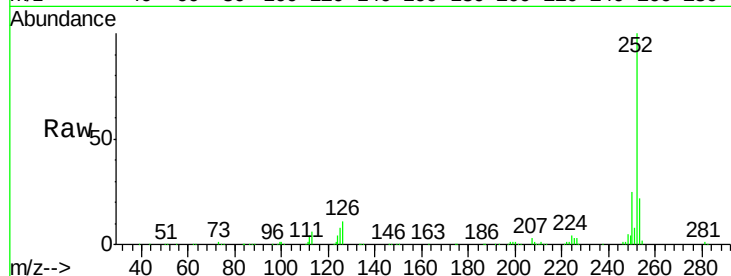
Tgt Ion:252 Resp: 311230

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

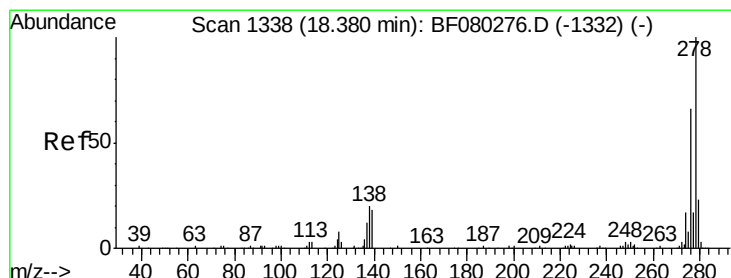
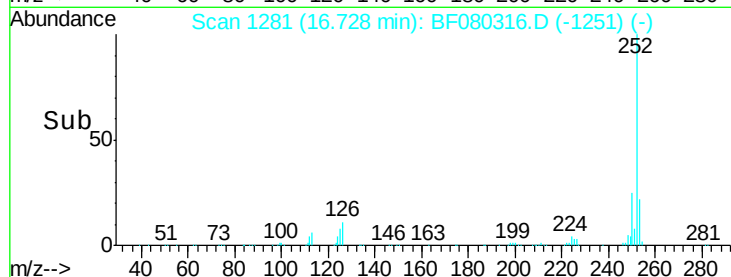
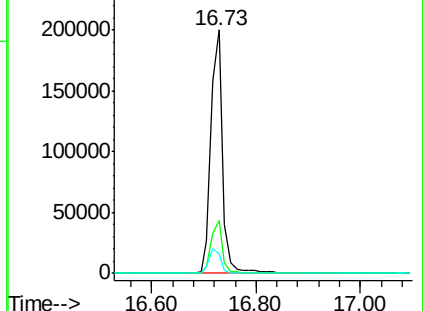
125 8.2 9.0 13.4#



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: 40.84 ng

RT: 18.63 min Scan# 1447

Delta R.T. 0.05 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

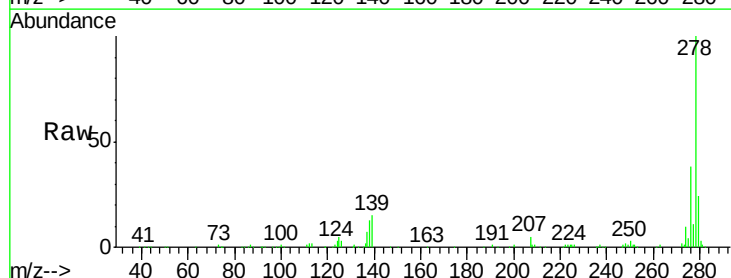
Tgt Ion:278 Resp: 300196

Ion Ratio Lower Upper

278 100

139 14.6 14.6 21.8

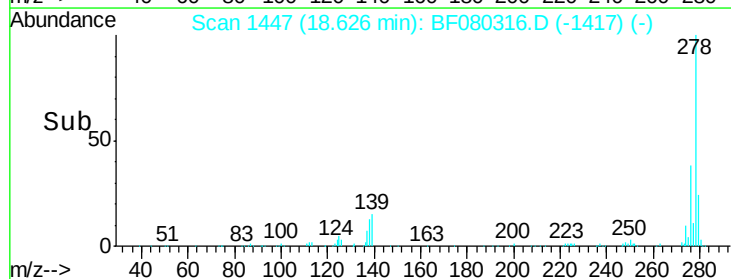
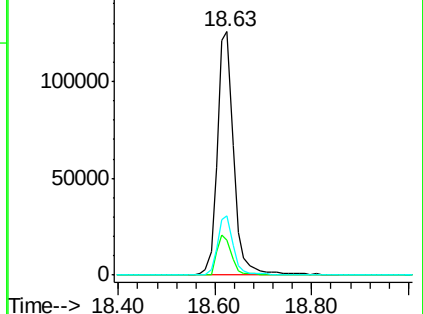
279 24.3 18.7 28.1

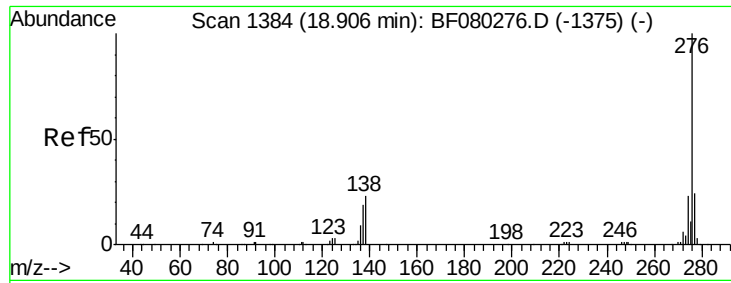


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.95 ng

RT: 19.14 min Scan# 1492

Delta R.T. 0.05 min

Lab File: BF080316.D

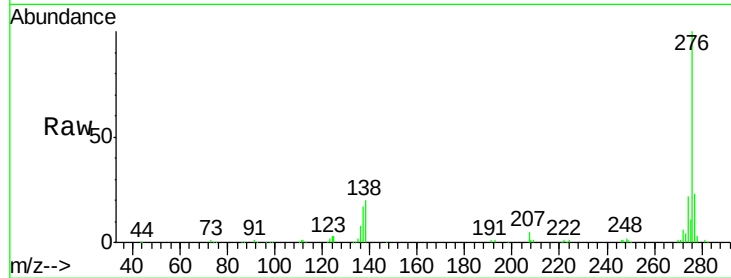
Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD



Tgt Ion:	276	Resp:	298723
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.6
138	20.2	18.1	27.1

