

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080176.D
 Acq On : 25 Jun 2015 20:07
 Operator : TP/IZ
 Sample : G2778-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Quant Time: Jun 26 01:26:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30105	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	117024	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	60065	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	122718	20.00	ng	0.00
75) Chrysene-d12	14.75	240	131971	20.00	ng	-0.08
86) Perylene-d12	16.57	264	124218	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	276672	162.68	ng	0.00
7) Phenol-d6	6.90	99	377688	166.89	ng	0.00
23) Nitrobenzene-d5	7.85	82	234522	116.67	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	101458	172.74	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	392837	93.27	ng	-0.01
78) Terphenyl-d14	13.51	244	484783	85.79	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	31009	38.36	ng	87
3) Pyridine	3.97	79	100836	46.90	ng	# 79
4) n-Nitrosodimethylamine	3.88	42	46670	45.68	ng	93
6) Aniline	6.95	93	150682	48.40	ng	95
8) 2-Chlorophenol	7.08	128	105355	53.60	ng	89
9) Benzaldehyde	6.84	77	54887	42.01	ng	# 72
10) Phenol	6.92	94	129088	52.27	ng	85
11) bis(2-Chloroethyl)ether	7.02	93	92918	47.42	ng	86
12) 1,3-Dichlorobenzene	7.48	146	103767	43.95	ng	98
13) 1,4-Dichlorobenzene	7.32	146	120670	53.73	ng	96
14) 1,2-Dichlorobenzene	7.48	146	103754	47.48	ng	98
15) Benzyl Alcohol	7.42	79	91713	49.56	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.57	45	160665	55.24	ng	85
17) 2-Methylphenol	7.53	107	80895	48.18	ng	# 89
18) Hexachloroethane	7.82	117	40332	53.94	ng	# 83
19) n-Nitroso-di-n-propylamine	7.69	70	75710	48.18	ng	# 76
20) 3+4-Methylphenols	7.68	107	113597	52.43	ng	92
22) Acetophenone	7.69	105	145408	53.32	ng	# 82
24) Nitrobenzene	7.88	77	104862	50.54	ng	# 79
25) Isophorone	8.10	82	195764	48.39	ng	# 83
26) 2-Nitrophenol	8.20	139	55569	63.99	ng	# 77
27) 2,4-Dimethylphenol	8.22	122	100402	55.44	ng	86
28) bis(2-Chloroethoxy)methane	8.31	93	119152	50.13	ng	# 92
29) 2,4-Dichlorophenol	8.44	162	92158	59.43	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	97984	55.64	ng	99
31) Naphthalene	8.61	128	306504	50.10	ng	98
32) Benzoic acid	8.26	122	13458	12.29	ng	# 77
33) 4-Chloroaniline	8.64	127	95276	36.39	ng	# 83
34) Hexachlorobutadiene	8.73	225	54740	50.48	ng	97
35) Caprolactam	8.97	113	26270	52.19	ng	# 71
36) 4-Chloro-3-methylphenol	9.11	107	85353	48.79	ng	# 71
37) 2-Methylnaphthalene	9.30	142	221767	56.03	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	100801	57.67	ng	98
40) Hexachlorocyclopentadiene	9.46	237	97328	106.01	ng	97

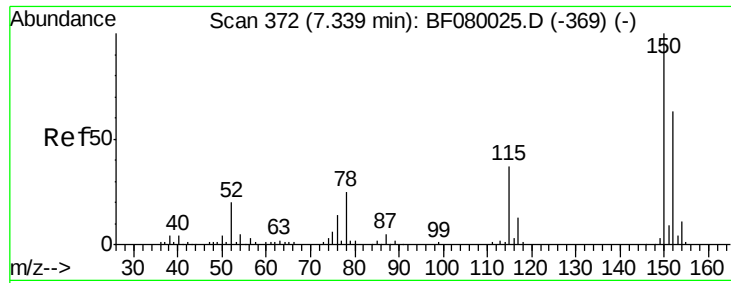
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	67941	57.13	ng	97
43) 2,4,5-Trichlorophenol	9.61	196	67993	49.62	ng #	92
45) 1,1'-Biphenyl	9.77	154	236763	48.45	ng	95
46) 2-Chloronaphthalene	9.80	162	204660	51.61	ng	94
47) 2-Nitroaniline	9.88	65	56735	52.12	ng #	59
48) Acenaphthylene	10.22	152	342873	51.81	ng	97
49) Dimethylphthalate	10.06	163	366069	81.06	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	46742	51.63	ng #	46
51) Acenaphthene	10.39	154	212113	52.39	ng	92
52) 3-Nitroaniline	10.29	138	49003	46.91	ng #	55
53) 2,4-Dinitrophenol	10.40	184	40044	106.58	ng #	15
54) Dibenzofuran	10.56	168	286971	49.95	ng #	88
55) 4-Nitrophenol	10.44	139	93204	111.64	ng #	52
56) 2,4-Dinitrotoluene	10.53	165	70784	61.62	ng #	88
57) Fluorene	10.92	166	229055	50.25	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	58307	50.40	ng	98
59) Diethylphthalate	10.76	149	217318	47.79	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	113721	51.91	ng #	88
61) 4-Nitroaniline	10.90	138	55071	51.05	ng #	51
62) Azobenzene	11.05	77	225319	48.68	ng	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	33377	52.24	ng	95
65) n-Nitrosodiphenylamine	11.01	169	208604	52.20	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	64673	49.56	ng #	82
67) Hexachlorobenzene	11.48	284	70170	48.39	ng #	76
68) Atrazine	11.53	200	62780	49.73	ng	85
69) Pentachlorophenol	11.66	266	81604	99.30	ng	99
70) Phenanthrene	11.89	178	373513	50.27	ng	97
71) Anthracene	11.93	178	358606	50.13	ng	98
72) Carbazole	12.08	167	317327	46.46	ng	96
73) Di-n-butylphthalate	12.41	149	391496	49.61	ng #	99
74) Fluoranthene	13.12	202	389174	49.18	ng	92
76) Benzidine	13.24	184	295198	80.02	ng	98
77) Pyrene	13.37	202	408039	50.22	ng	97
79) Butylbenzylphthalate	14.05	149	165138	50.61	ng #	90
80) Benzo(a)anthracene	14.73	228	378568	47.09	ng	97
81) 3,3'-Dichlorobenzidine	14.68	252	116376	41.97	ng #	95
82) Chrysene	14.78	228	356442	48.08	ng	94
83) Bis(2-ethylhexyl)phthalate	14.71	149	248192	48.13	ng	95
84) Di-n-octyl phthalate	15.49	149	412847	46.72	ng	95
85) Indeno(1,2,3-cd)pyrene	18.39	276	415995	44.50	ng #	89
87) Benzo(b)fluoranthene	16.05	252	375736	49.96	ng #	85
88) Benzo(k)fluoranthene	16.08	252	364402	47.58	ng #	86
89) Benzo(a)pyrene	16.49	252	365043	51.11	ng #	87
90) Dibenzo(a,h)anthracene	18.41	278	348301	47.64	ng #	83
91) Benzo(g,h,i)perylene	18.95	276	350744	47.52	ng #	76

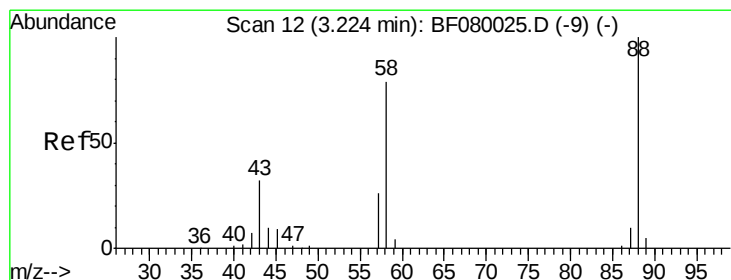
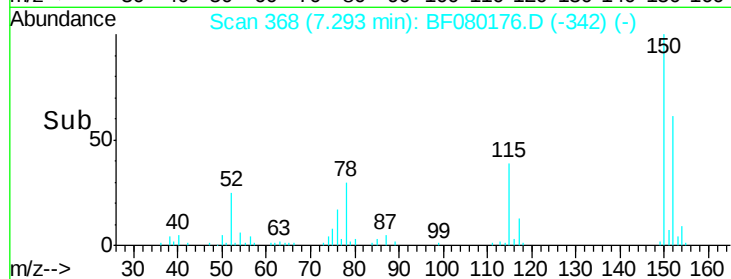
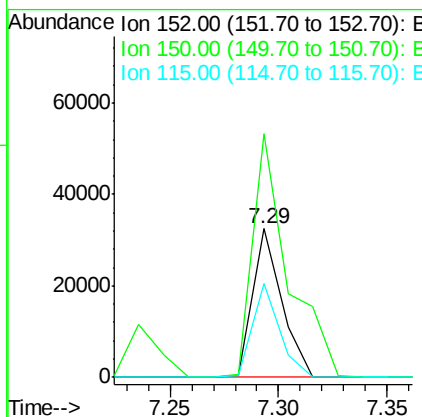
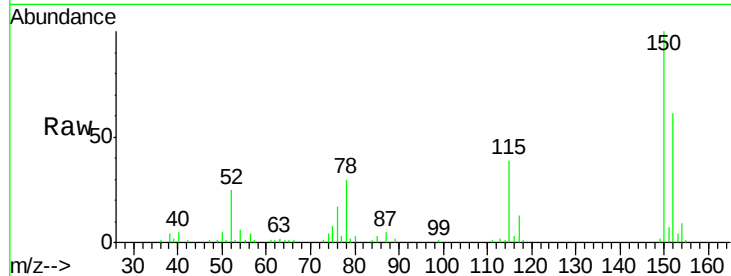
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

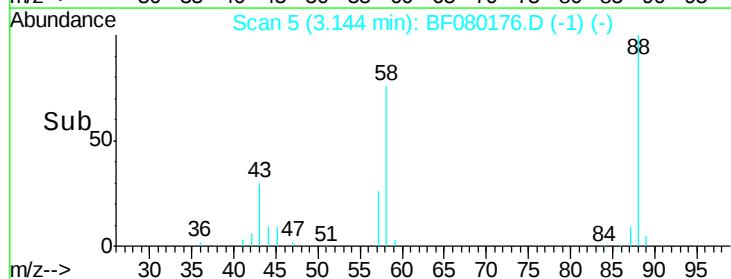
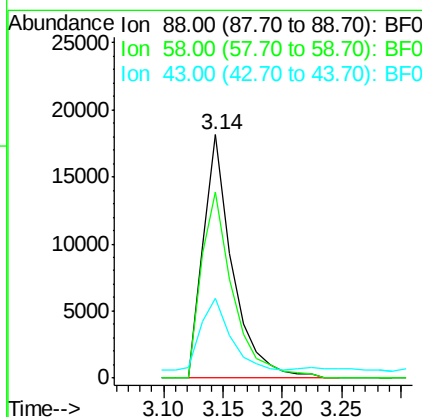
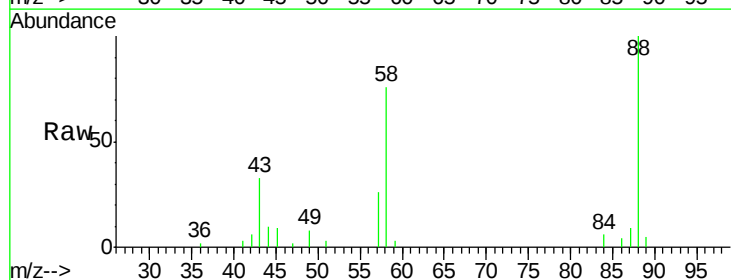
Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

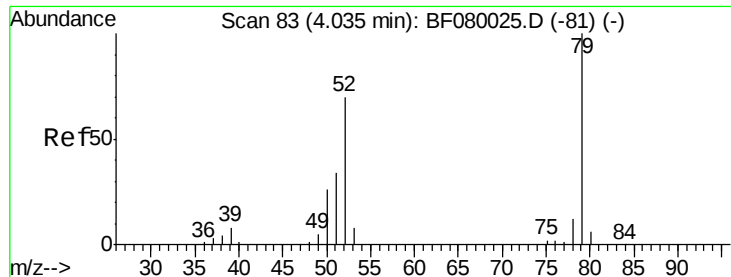
Tgt Ion:152 Resp: 30105
 Ion Ratio Lower Upper
 152 100
 150 164.0 124.7 187.1
 115 63.5 39.0 58.4#



#2
 1,4-Dioxane
 Concen: 38.36 ng
 RT: 3.14 min Scan# 5
 Delta R.T. 0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion: 88 Resp: 31009
 Ion Ratio Lower Upper
 88 100
 58 82.5 77.7 116.5
 43 28.8 26.6 40.0





#3

Pyridine

Concen: 46.90 ng

RT: 3.97 min Scan# 77

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

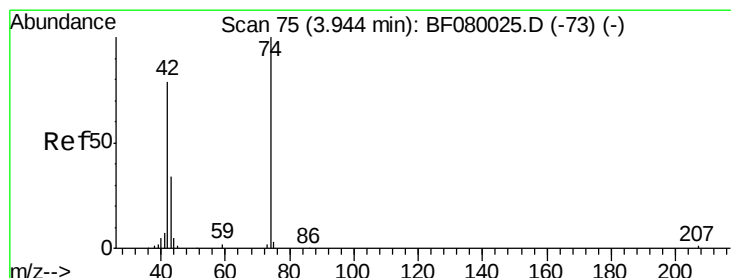
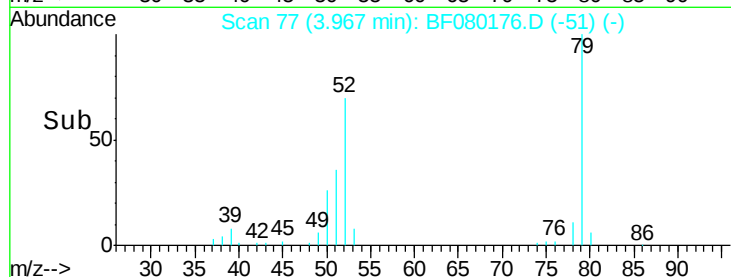
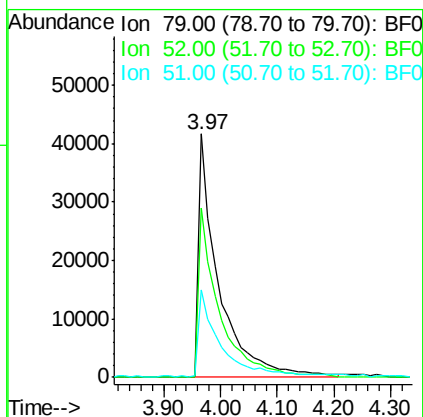
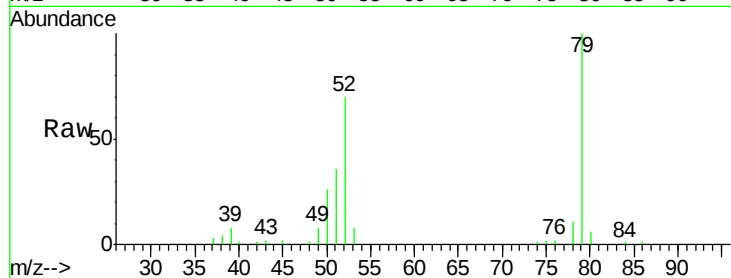
Tgt Ion: 79 Resp: 100836

Ion Ratio Lower Upper

79 100

52 69.5 76.8 115.2#

51 35.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 45.68 ng

RT: 3.88 min Scan# 69

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

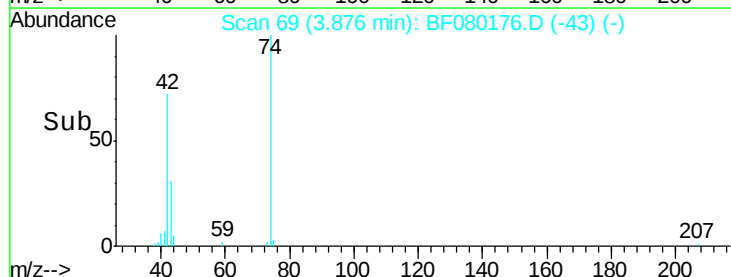
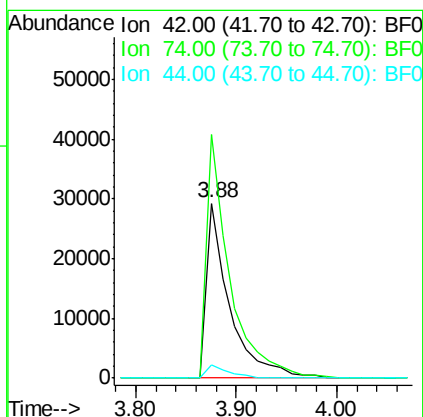
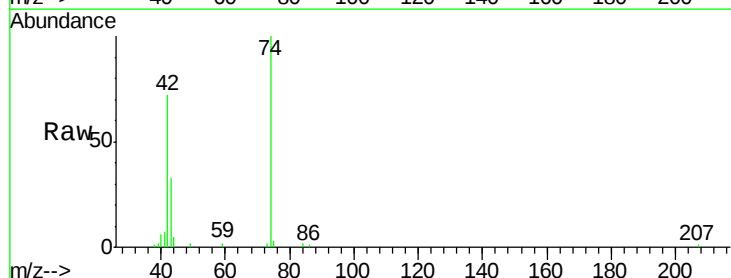
Tgt Ion: 42 Resp: 46670

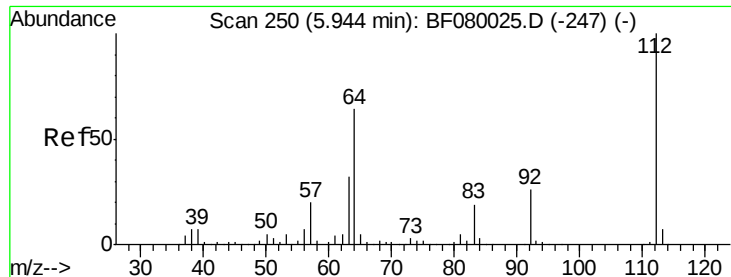
Ion Ratio Lower Upper

42 100

74 139.3 105.0 157.6

44 7.3 6.6 10.0





#5

2-Fluorophenol

Concen: 162.68 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

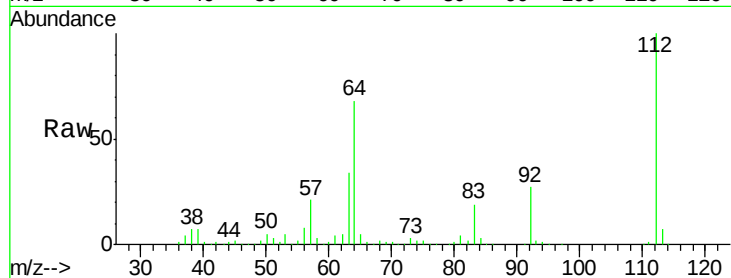
Tgt Ion: 112 Resp: 276672

Ion Ratio Lower Upper

112 100

64 67.7 39.7 59.5#

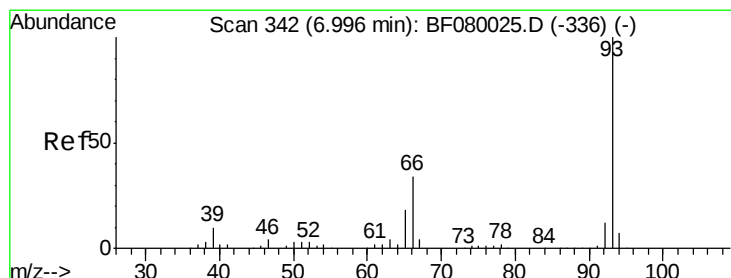
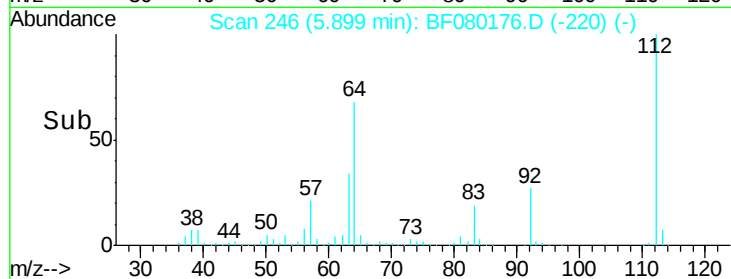
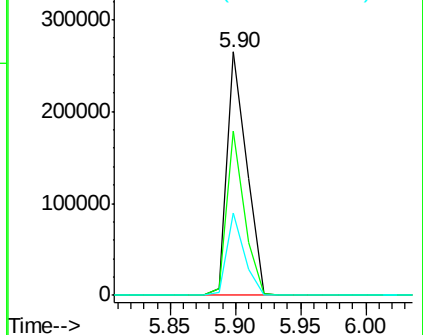
63 33.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 48.40 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

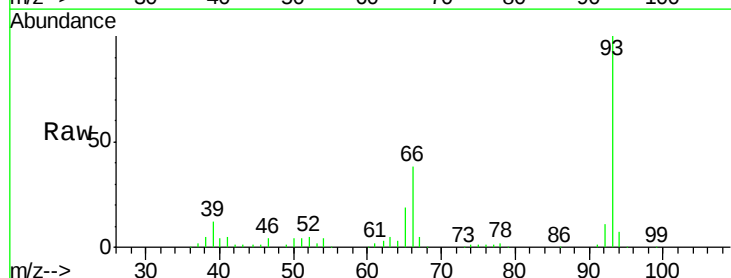
Tgt Ion: 93 Resp: 150682

Ion Ratio Lower Upper

93 100

66 37.5 27.2 40.8

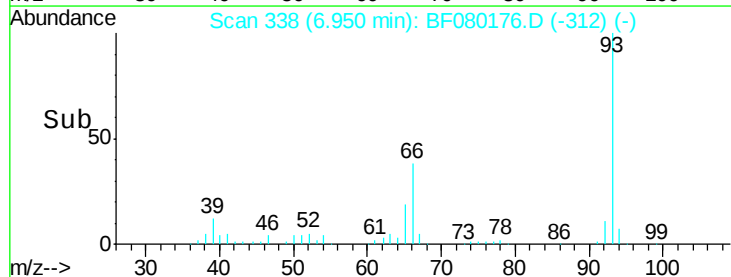
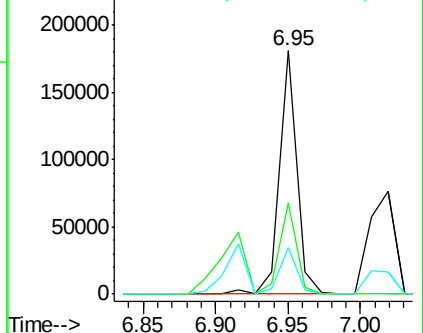
65 19.1 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 166.89 ng

RT: 6.90 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

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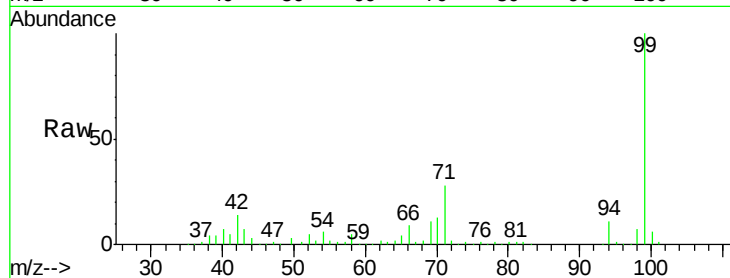
Tgt Ion: 99 Resp: 377688

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

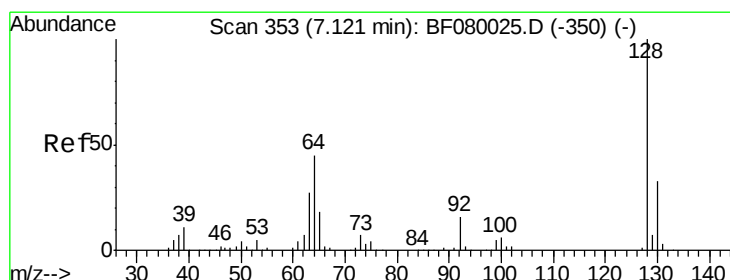
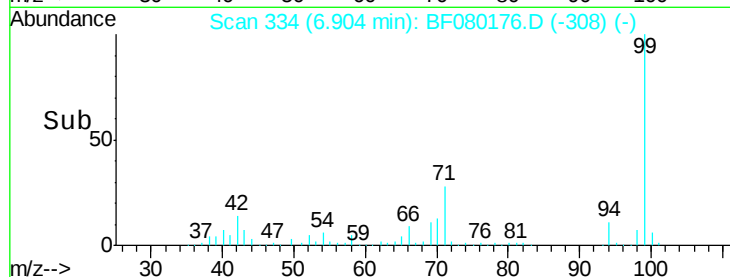
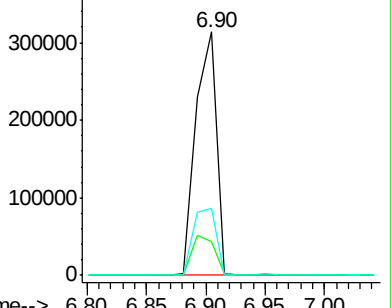
71 27.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 53.60 ng

RT: 7.08 min Scan# 349

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

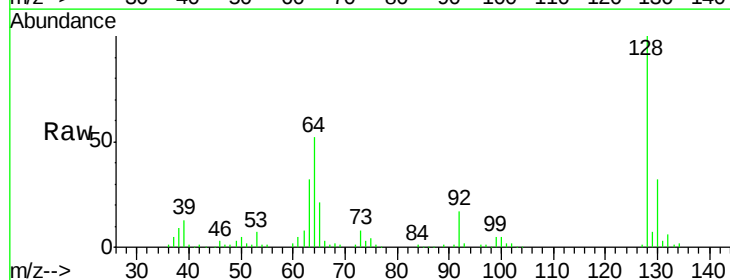
Tgt Ion: 128 Resp: 105355

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

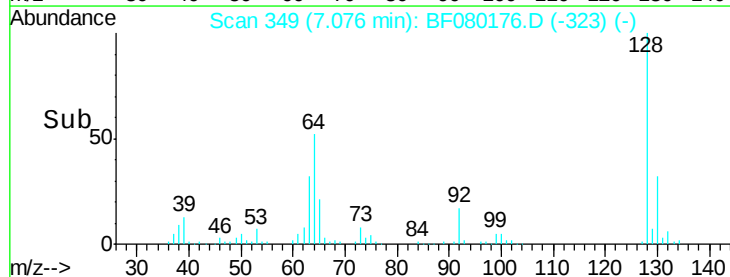
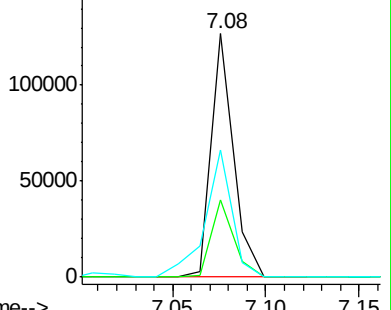
64 52.3 20.5 60.5

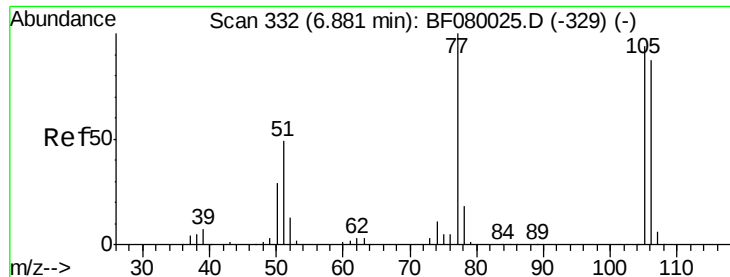


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.01 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

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NNESIDEWALL-062415MSD

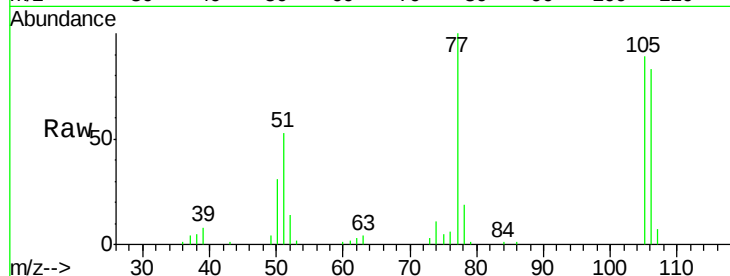
Tgt Ion: 77 Resp: 54887

Ion Ratio Lower Upper

77 100

105 89.0 91.6 131.6#

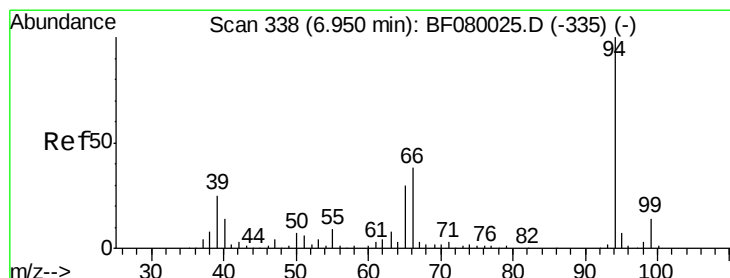
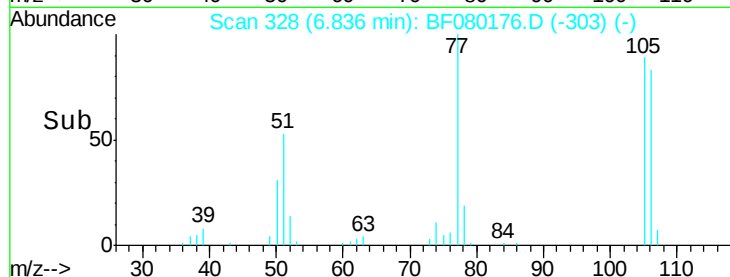
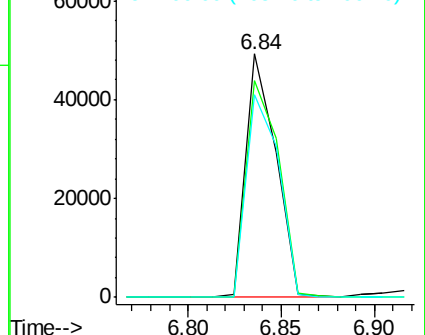
106 83.1 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 52.27 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

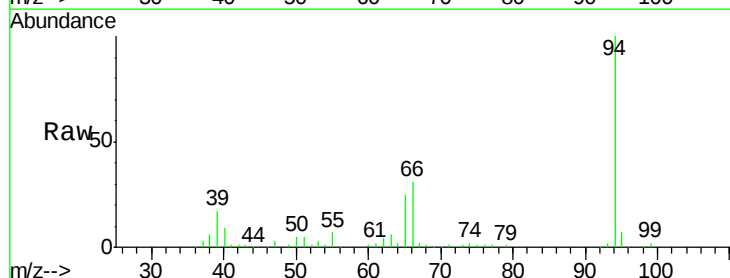
Tgt Ion: 94 Resp: 129088

Ion Ratio Lower Upper

94 100

65 24.8 0.7 40.7

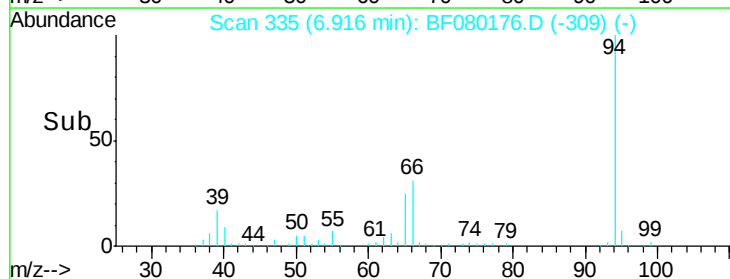
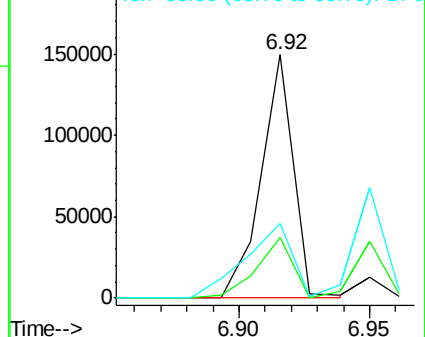
66 30.9 0.8 40.8

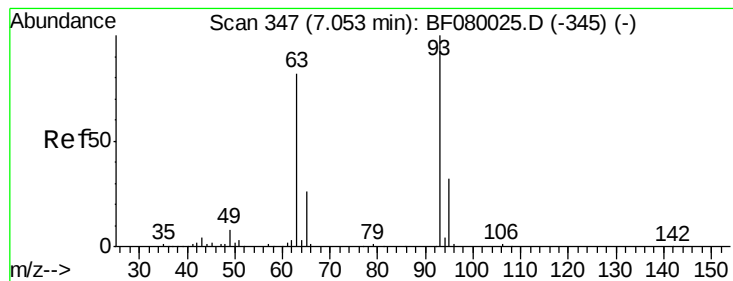


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.42 ng

RT: 7.02 min Scan# 344

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

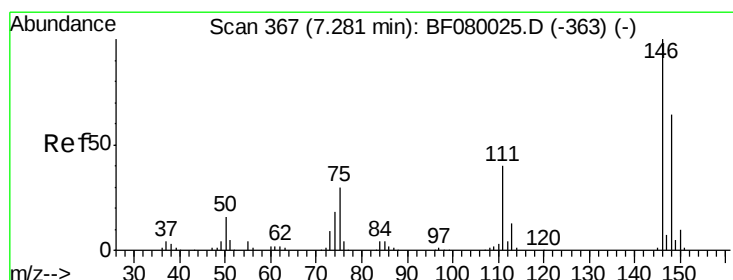
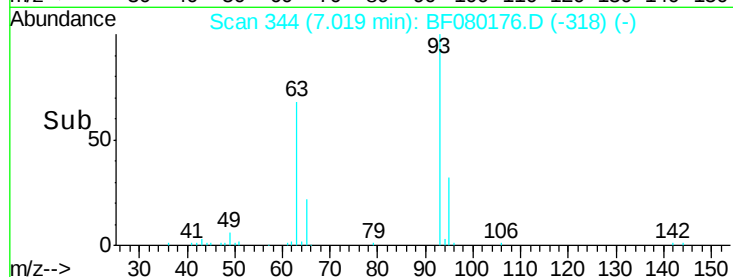
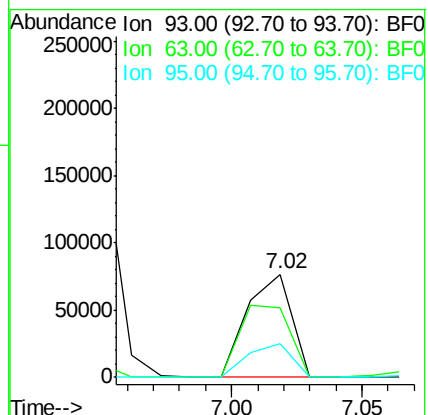
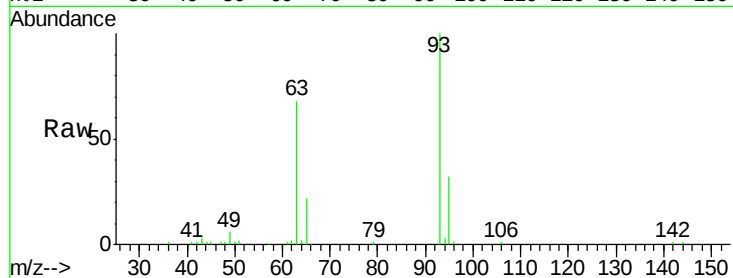
Tgt Ion: 93 Resp: 92918

Ion Ratio Lower Upper

93 100

63 68.0 65.6 105.6

95 32.3 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 43.95 ng

RT: 7.48 min Scan# 384

Delta R.T. 0.24 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

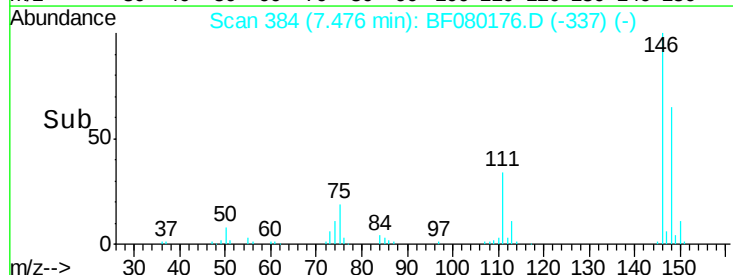
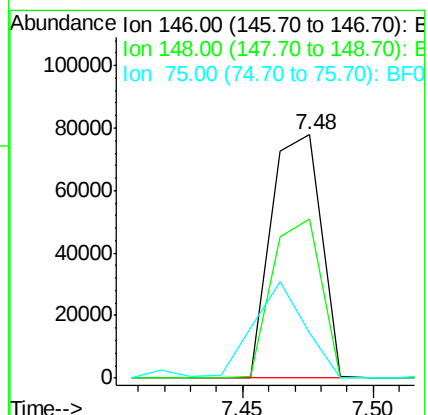
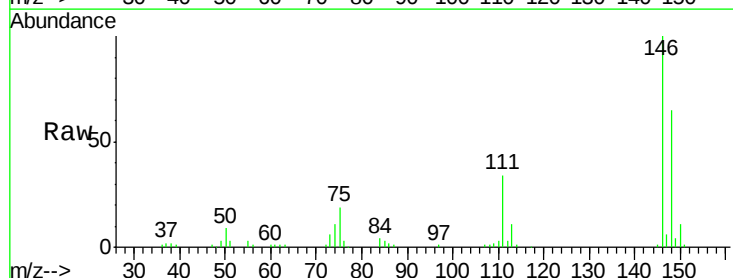
Tgt Ion: 146 Resp: 103767

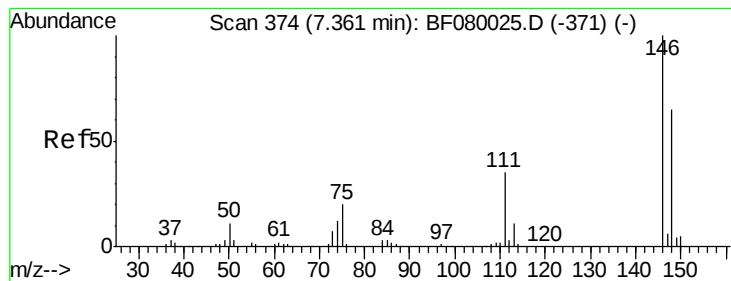
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

75 18.6 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 53.73 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

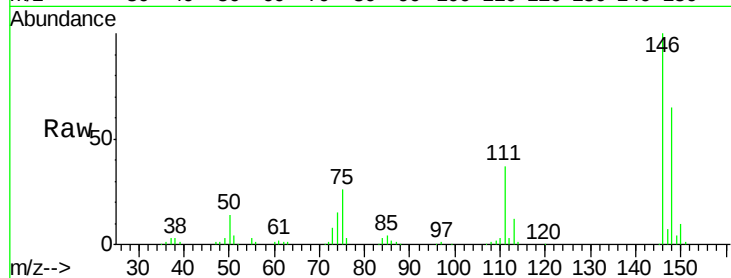
Tgt Ion:146 Resp: 120670

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

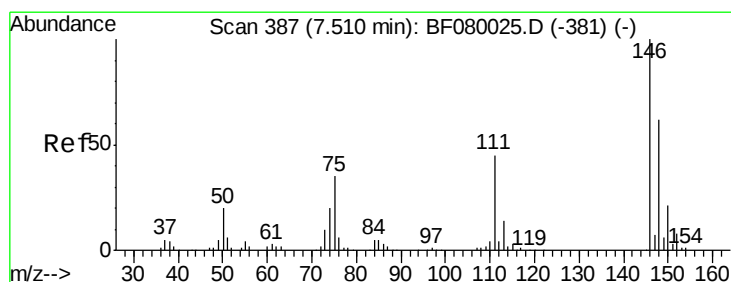
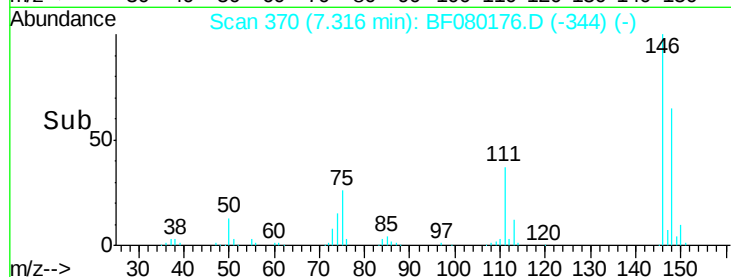
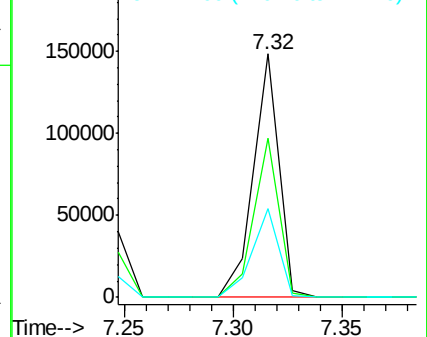
111 36.6 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.48 ng

RT: 7.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

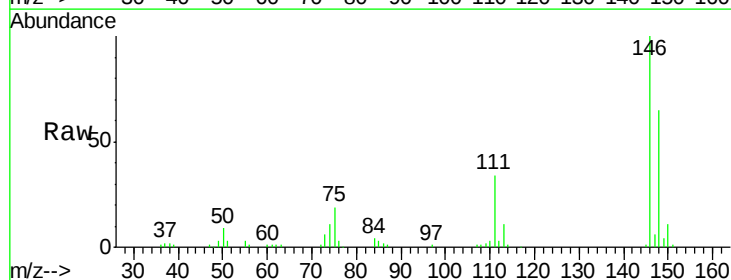
Tgt Ion:146 Resp: 103754

Ion Ratio Lower Upper

146 100

148 65.1 52.7 79.1

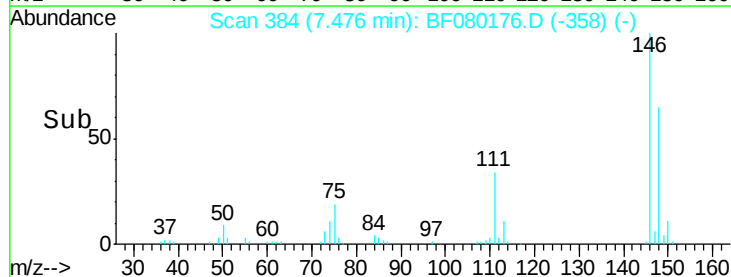
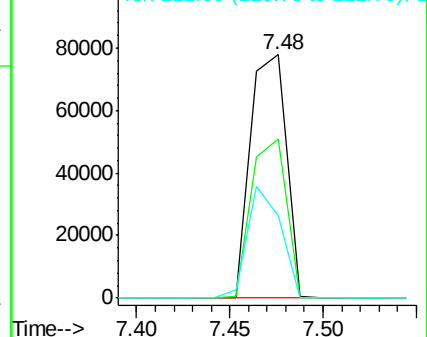
111 34.1 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.56 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

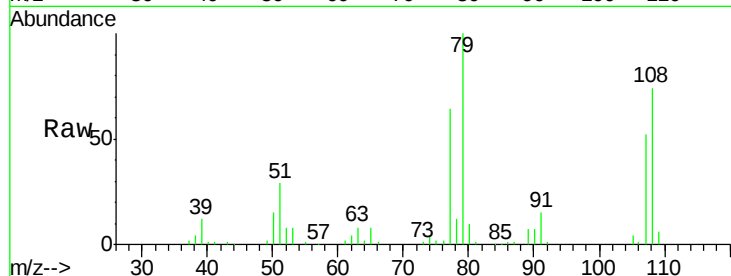
Tgt Ion: 79 Resp: 91713

Ion Ratio Lower Upper

79 100

108 73.7 88.6 132.8#

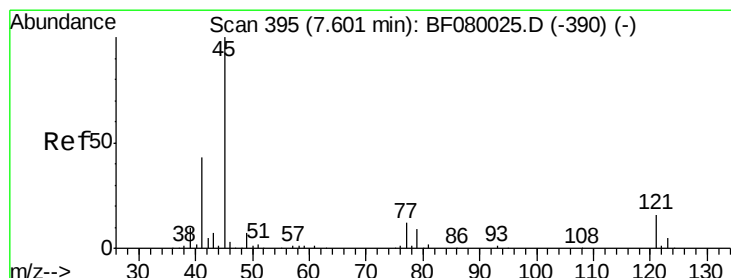
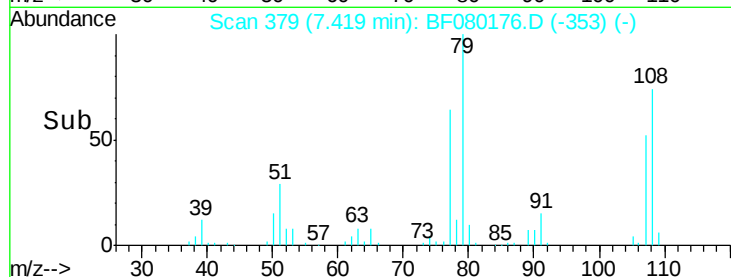
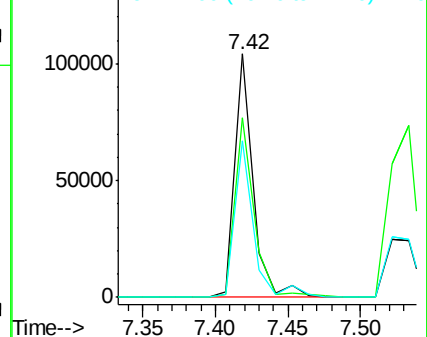
77 64.3 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.24 ng

RT: 7.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

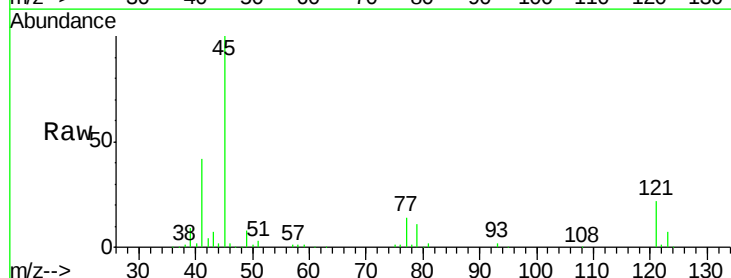
Tgt Ion: 45 Resp: 160665

Ion Ratio Lower Upper

45 100

77 13.9 0.0 28.1

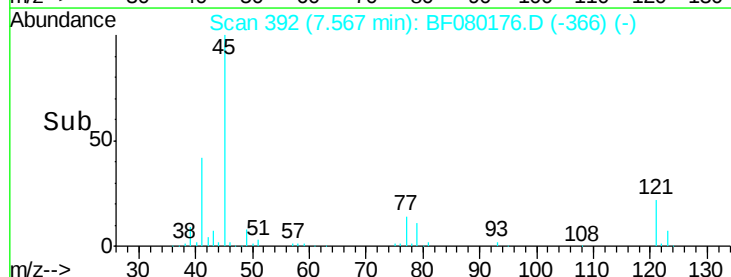
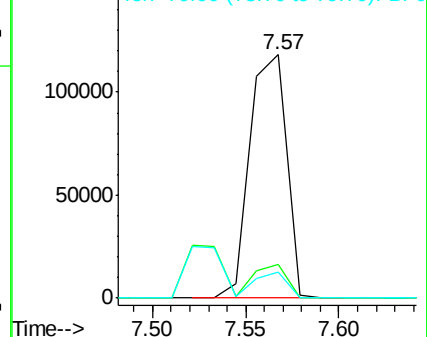
79 10.8 0.0 26.0

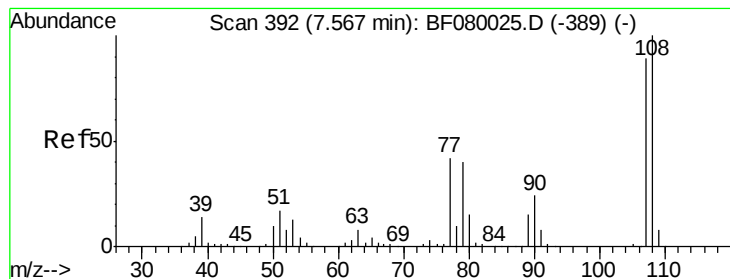


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 48.18 ng

RT: 7.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

Tgt Ion:107 Resp: 80895

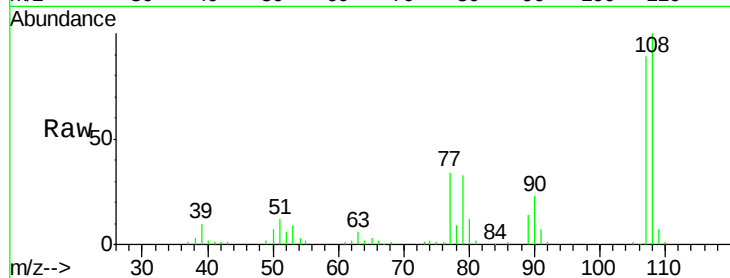
Ion Ratio Lower Upper

107 100

108 112.1 96.6 145.0

77 37.8 23.3 34.9#

79 36.8 22.0 33.0#

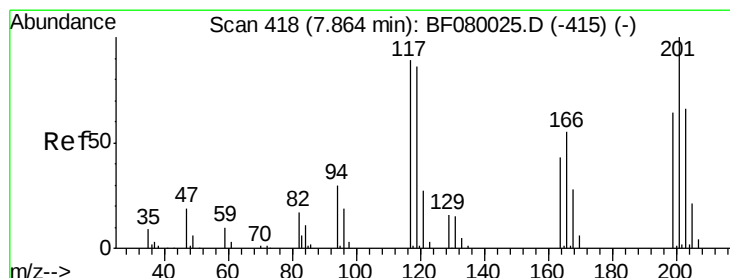
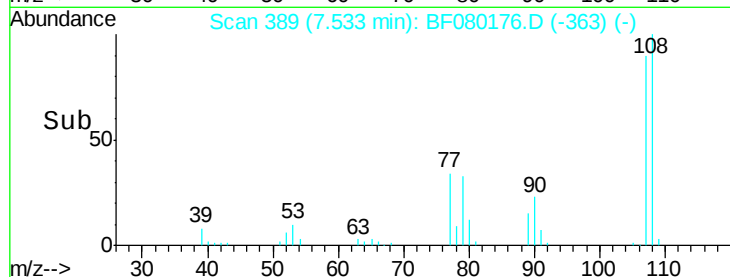
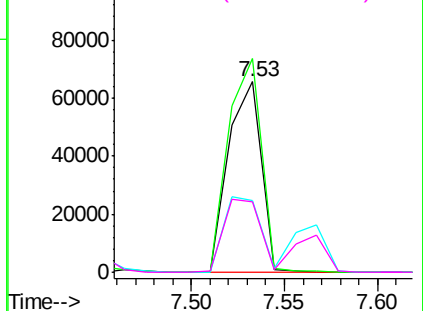


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 53.94 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

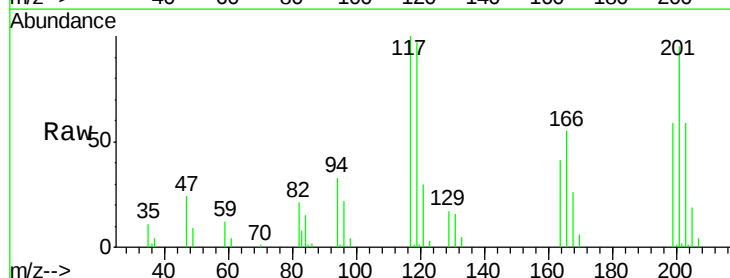
Tgt Ion:117 Resp: 40332

Ion Ratio Lower Upper

117 100

119 97.0 83.8 125.6

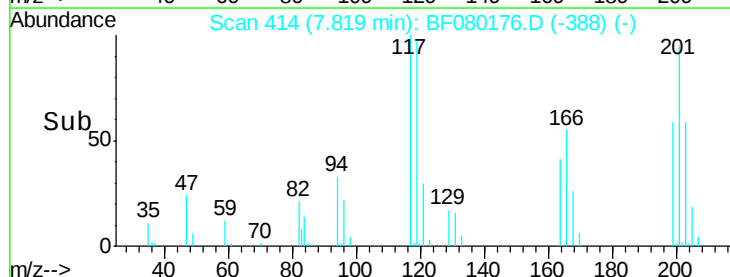
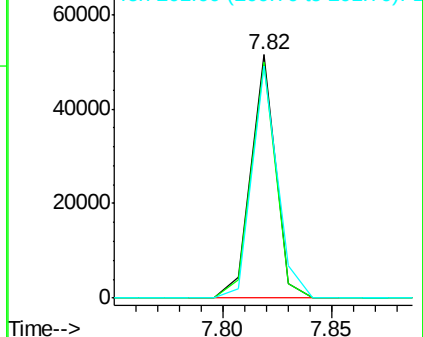
201 95.3 55.1 82.7#

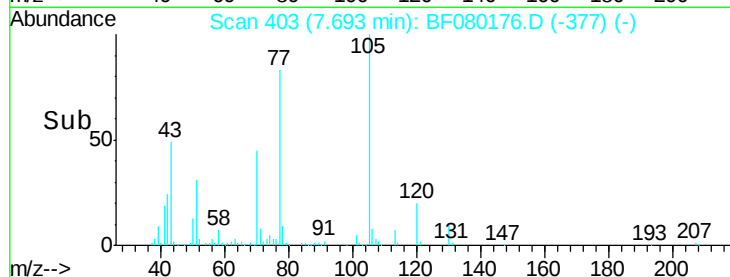
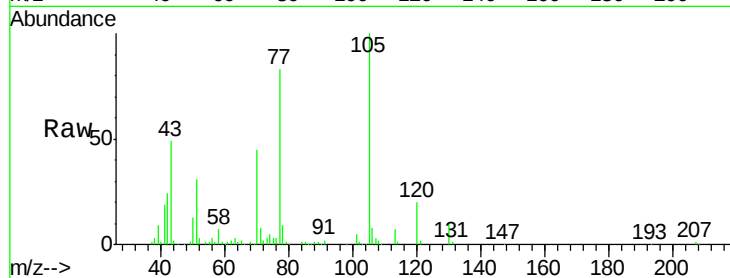
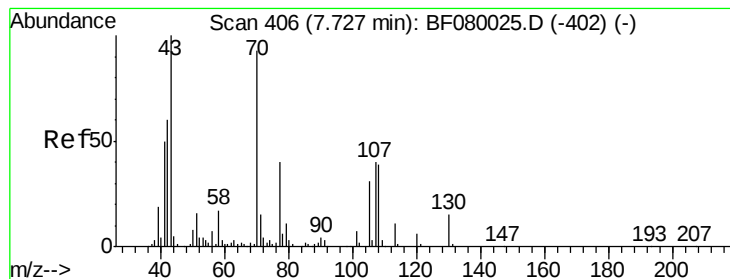


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 48.18 ng

RT: 7.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

Tgt Ion: 70 Resp: 75710

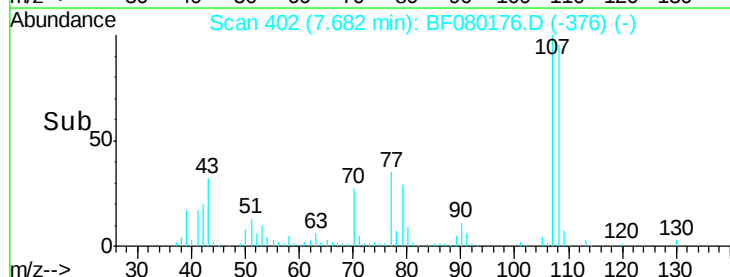
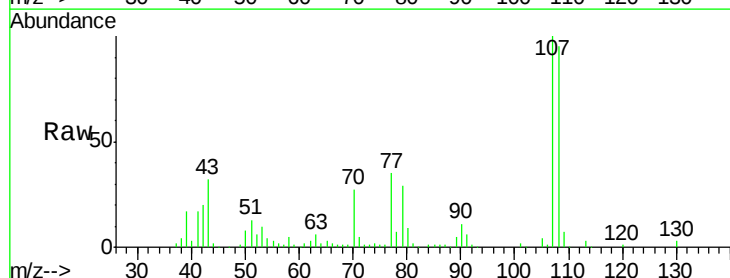
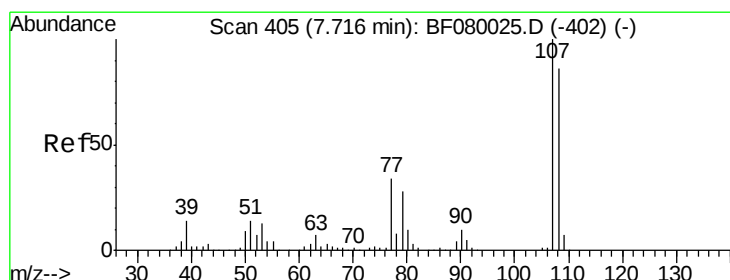
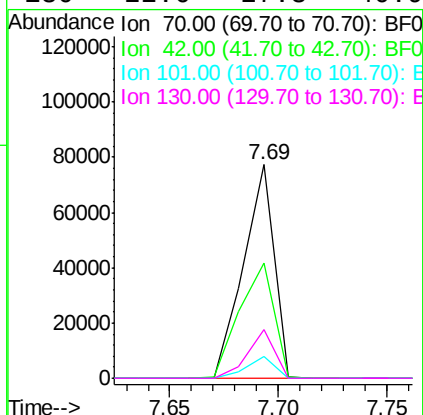
Ion Ratio Lower Upper

70 100

42 54.0 63.8 95.6#

101 10.3 9.2 13.8

130 22.6 27.3 40.9#



#20

3+4-Methylphenols

Concen: 52.43 ng

RT: 7.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Tgt Ion: 107 Resp: 113597

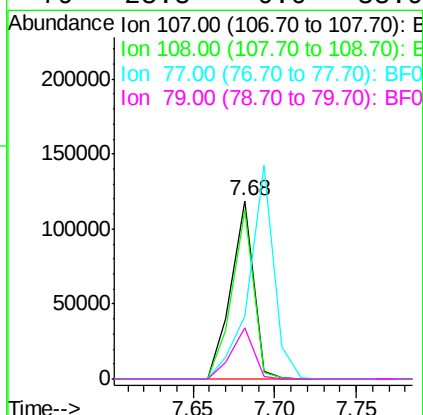
Ion Ratio Lower Upper

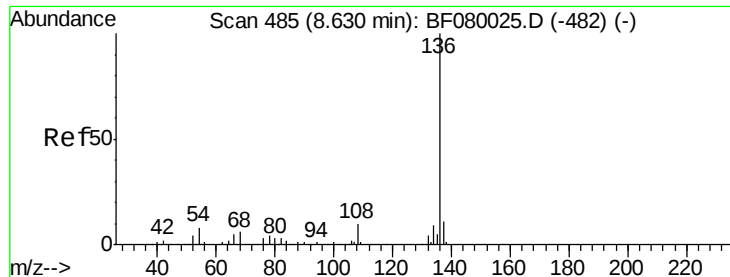
107 100

108 94.7 74.6 114.6

77 35.0 0.7 40.7

79 28.8 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

Tgt Ion:136 Resp: 117024

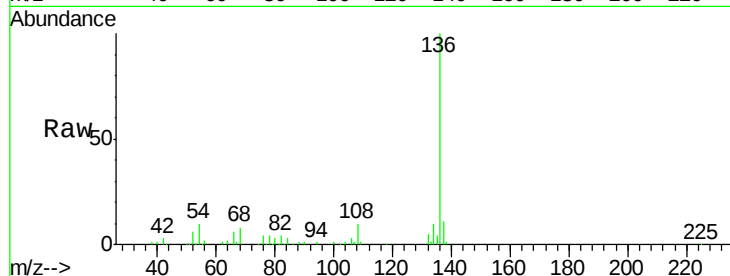
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 10.0 8.2 12.2

68 7.7 5.8 8.6

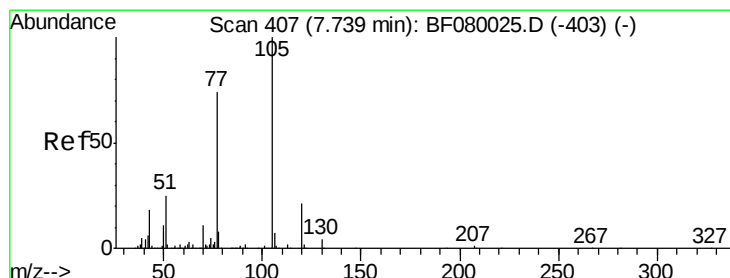
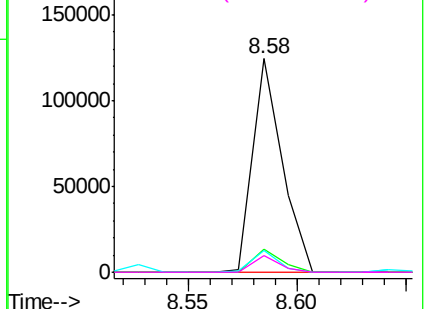
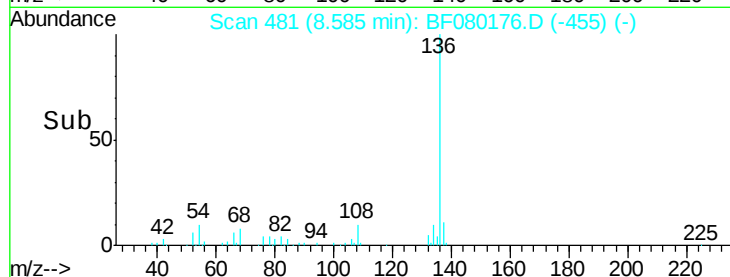


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.32 ng

RT: 7.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Tgt Ion:105 Resp: 145408

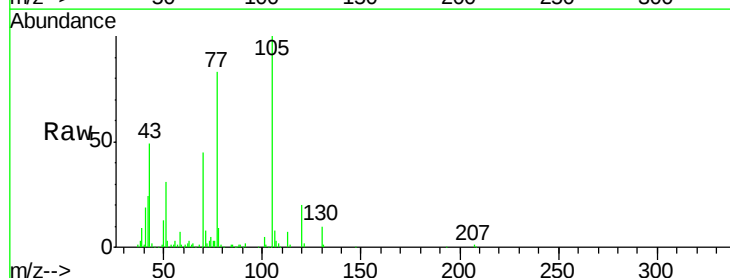
Ion Ratio Lower Upper

105 100

71 7.5 4.7 7.1#

51 30.8 22.0 33.0

120 20.2 30.1 45.1#

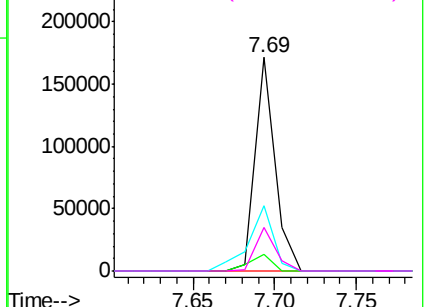
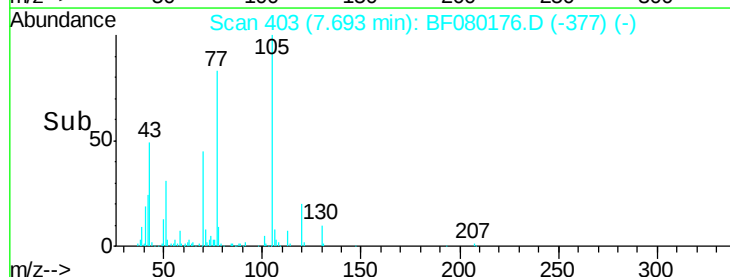


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

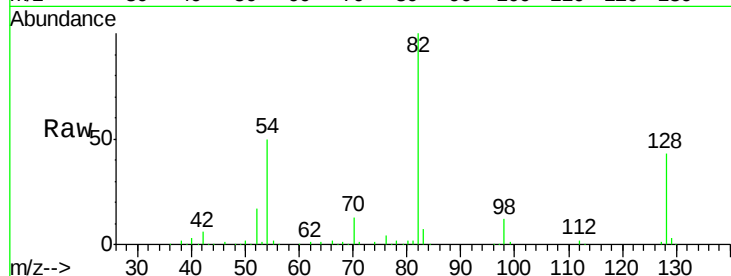




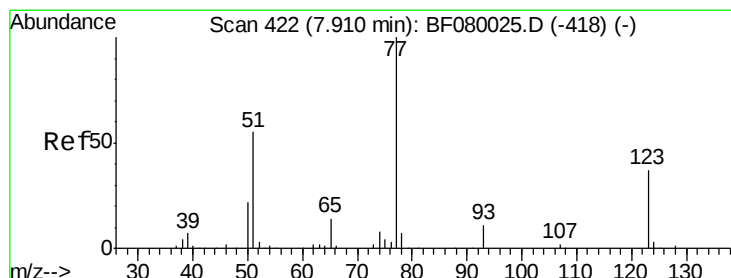
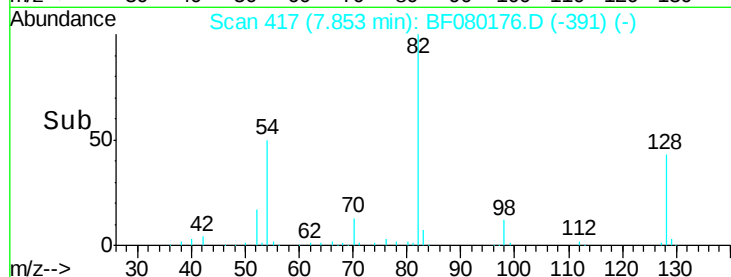
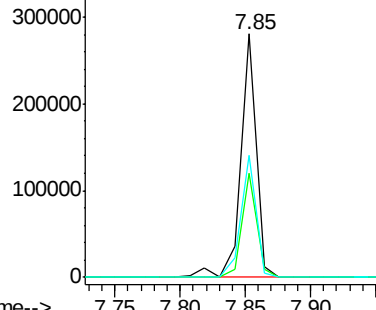
#23
 Nitrobenzene-d5
 Concen: 116.67 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	50.2	47.5	71.3

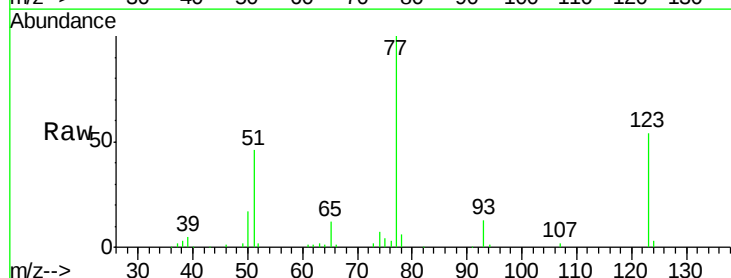


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

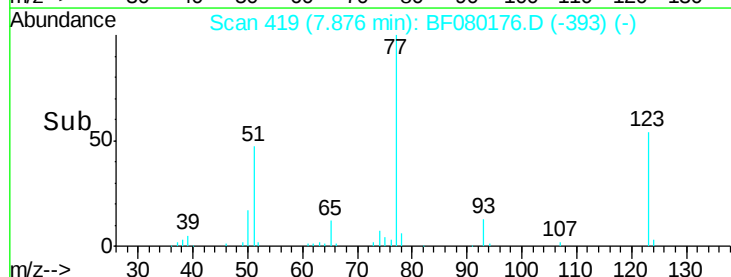
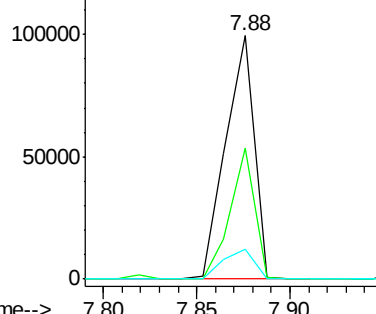


#24
 Nitrobenzene
 Concen: 50.54 ng
 RT: 7.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	59.8	89.8#
65	12.3	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.39 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

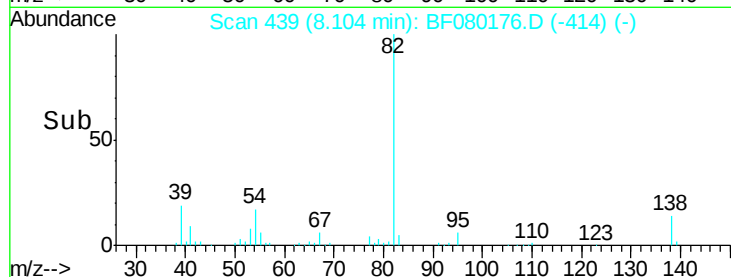
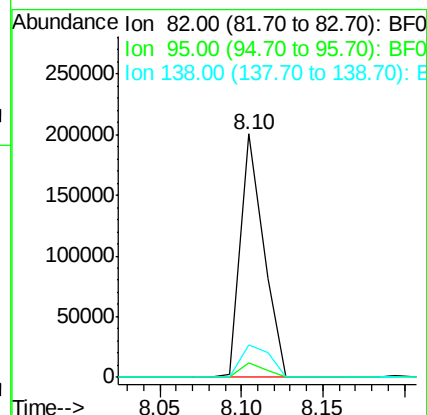
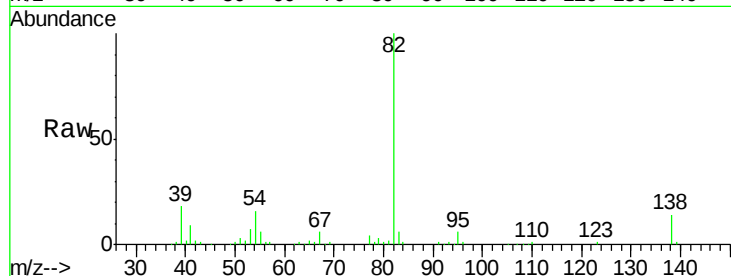
Tgt Ion: 82 Resp: 195764

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 13.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 63.99 ng

RT: 8.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

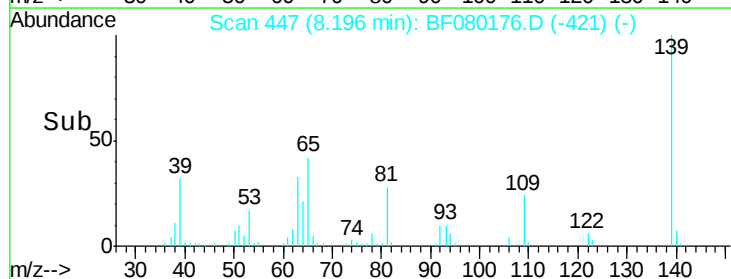
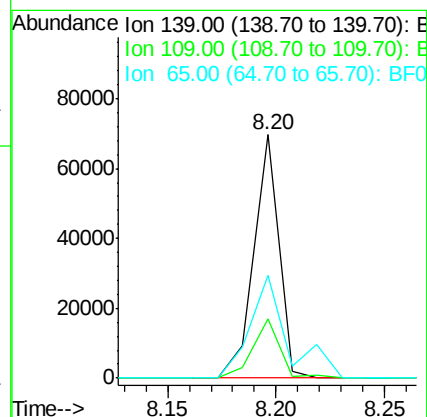
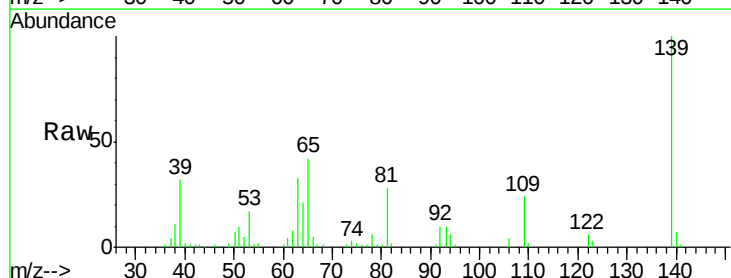
Tgt Ion: 139 Resp: 55569

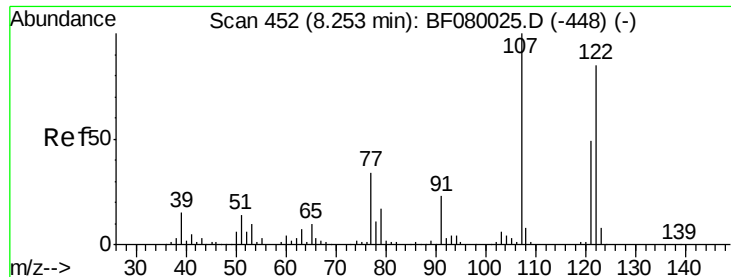
Ion Ratio Lower Upper

139 100

109 24.5 11.0 16.4#

65 42.3 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 55.44 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

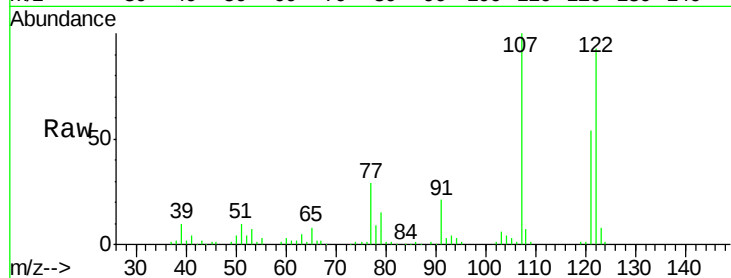
Tgt Ion:122 Resp: 100402

Ion Ratio Lower Upper

122 100

107 107.1 71.8 107.6

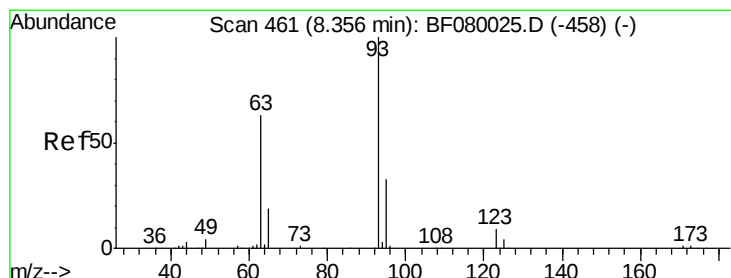
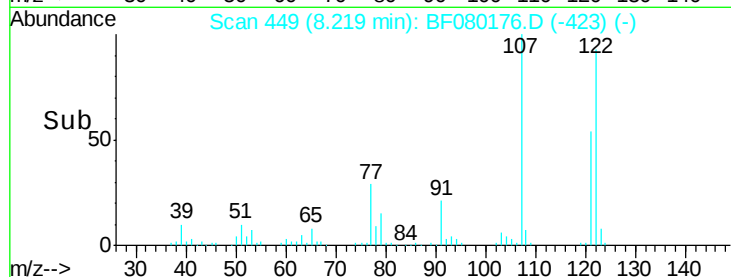
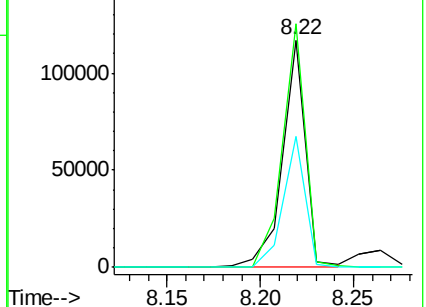
121 57.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.13 ng

RT: 8.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

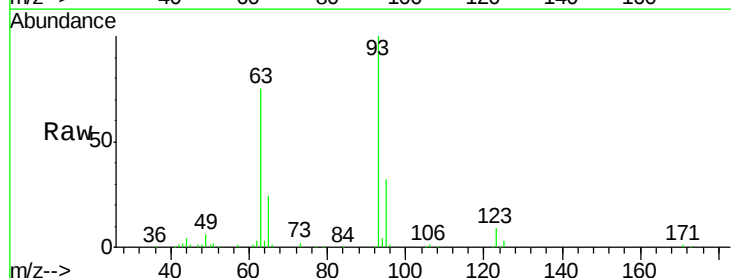
Tgt Ion: 93 Resp: 119152

Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

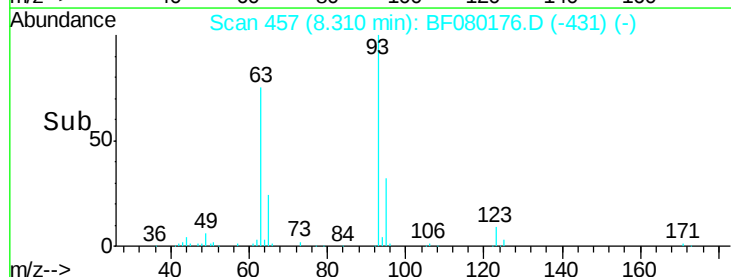
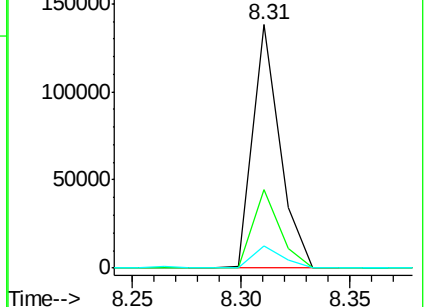
123 9.2 13.7 20.5#

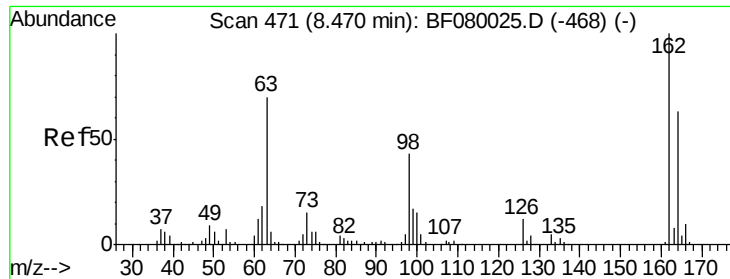


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

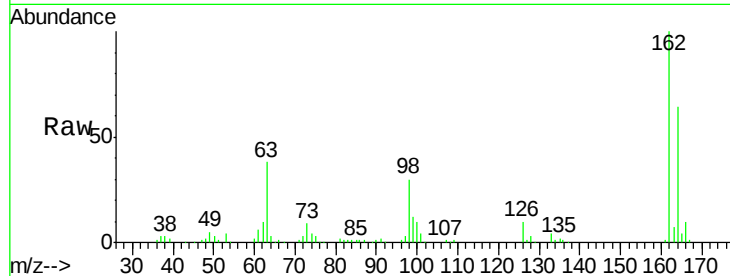




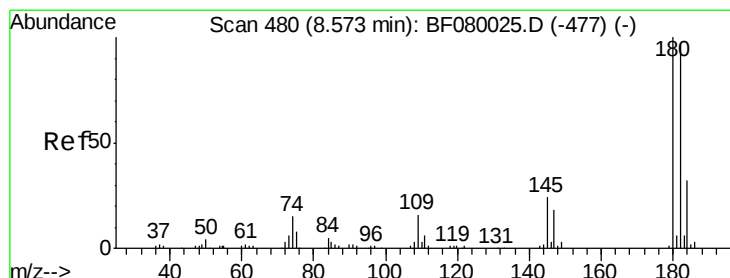
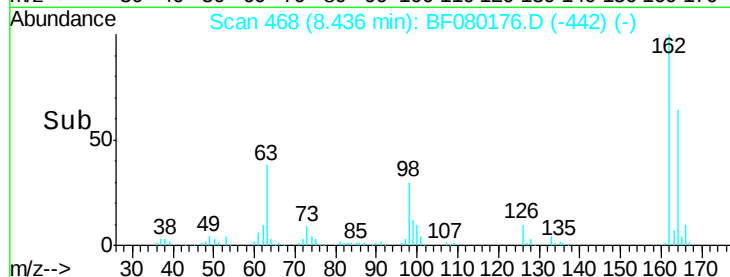
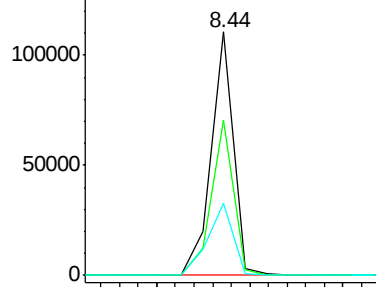
#29
2,4-Dichlorophenol
Concen: 59.43 ng
RT: 8.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Instrument :
BNA_F
ClientSampleId :
NINESIDEWALL-062415MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	29.5	13.0	53.0

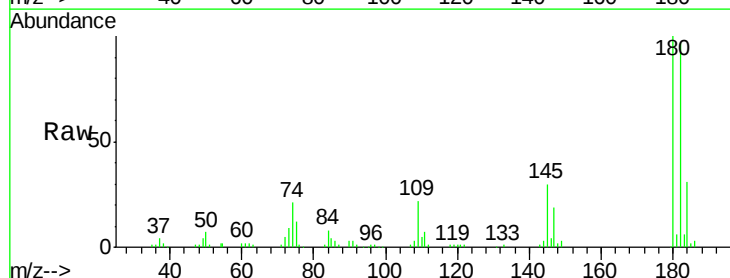


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

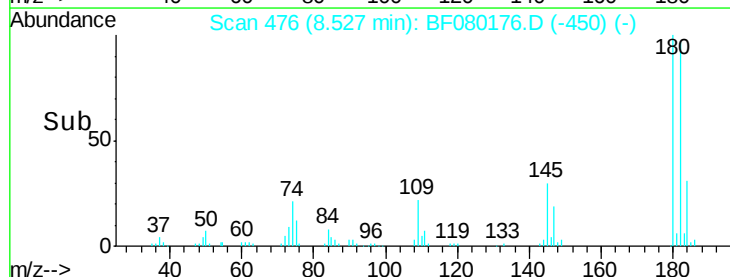
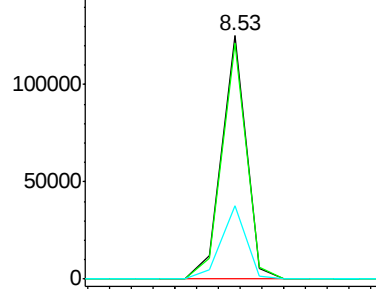


#30
1,2,4-Trichlorobenzene
Concen: 55.64 ng
RT: 8.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
145	30.1	23.3	34.9



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

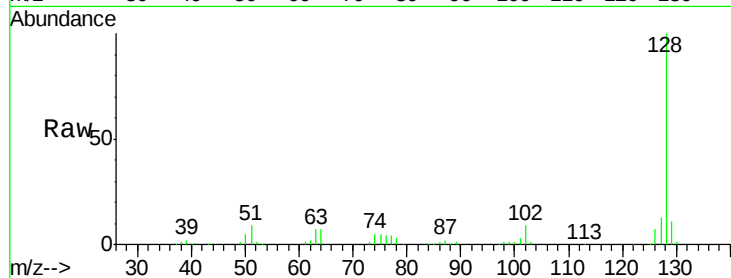




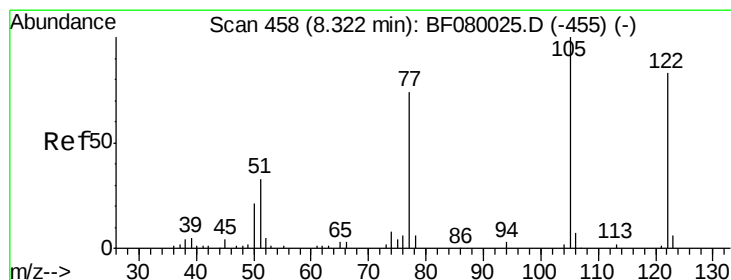
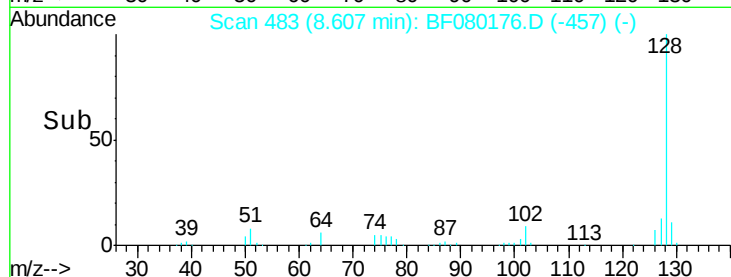
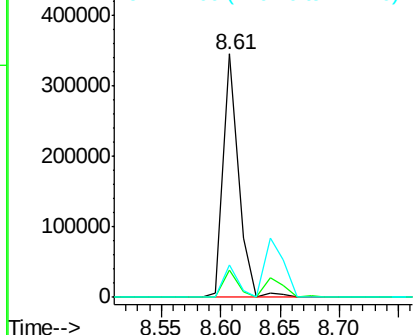
#31
Naphthalene
Concen: 50.10 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415MSD

Tgt Ion:128 Resp: 306504
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 9.9 14.9

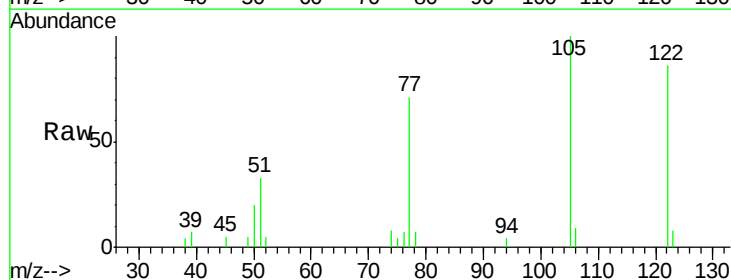


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

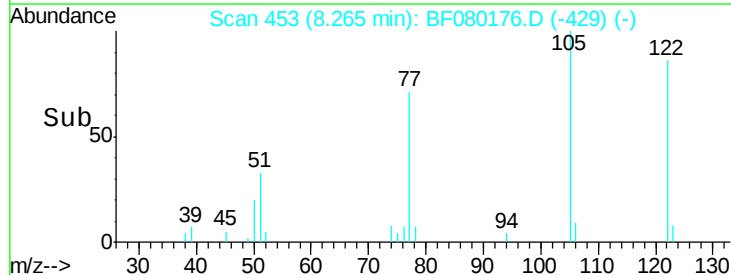
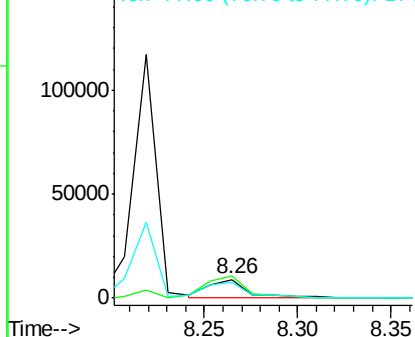


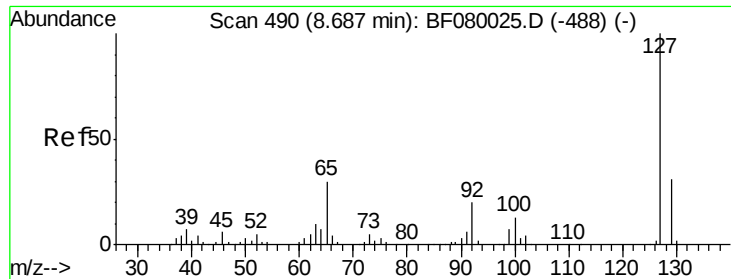
#32
Benzoic acid
Concen: 12.29 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion:122 Resp: 13458
Ion Ratio Lower Upper
122 100
105 115.8 76.1 116.1
77 81.8 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

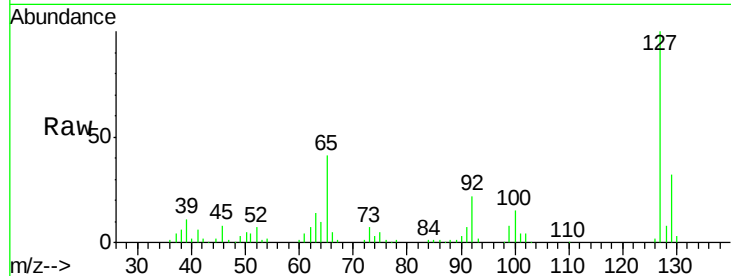




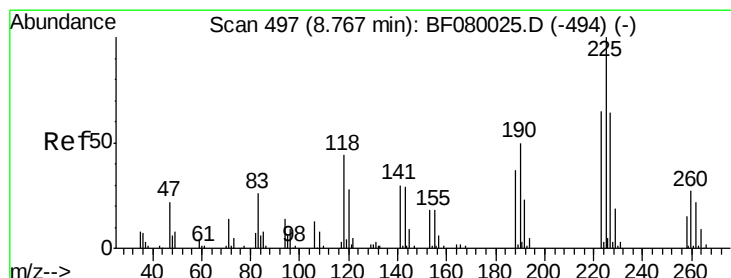
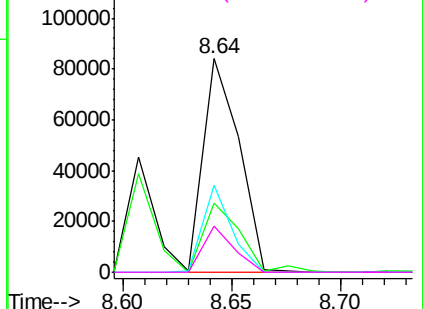
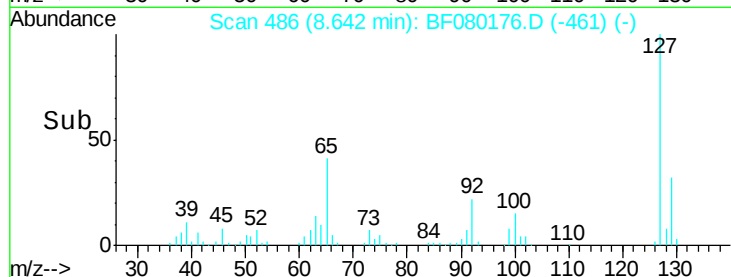
#33
 4-Chloroaniline
 Concen: 36.39 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:127 Resp: 95276
 Ion Ratio Lower Upper
 127 100
 129 32.2 25.8 38.6
 65 41.0 17.9 26.9#
 92 21.8 10.5 15.7#

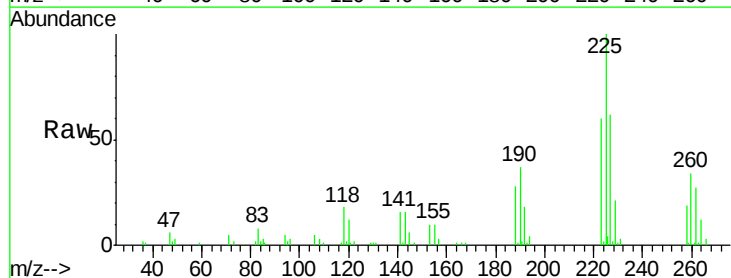


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

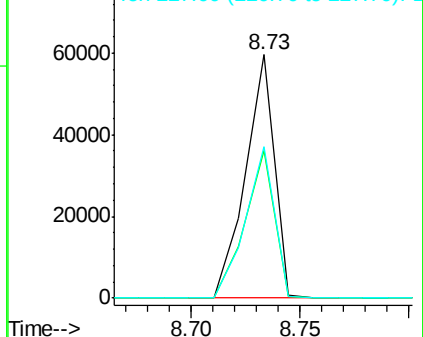
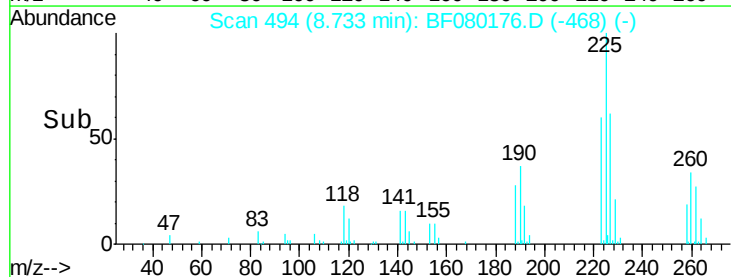


#34
 Hexachlorobutadiene
 Concen: 50.48 ng
 RT: 8.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:225 Resp: 54740
 Ion Ratio Lower Upper
 225 100
 223 60.5 50.2 75.2
 227 62.1 52.2 78.2



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

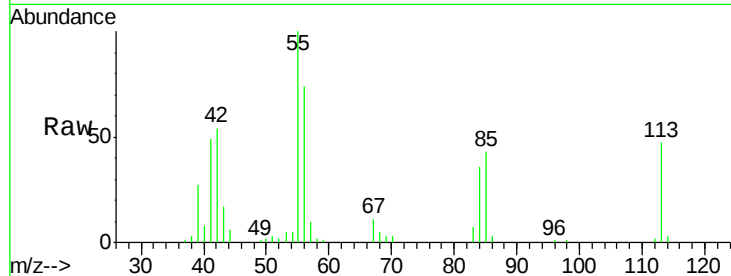




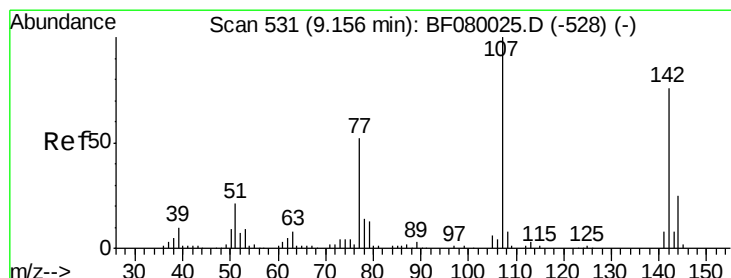
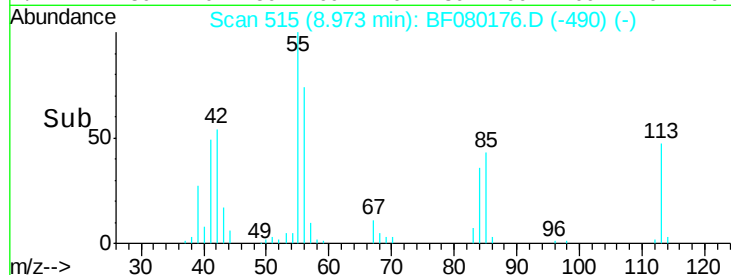
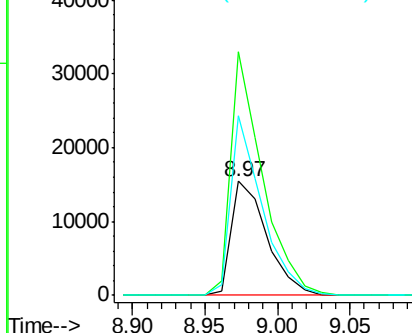
#35
 Caprolactam
 Concen: 52.19 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:113 Resp: 26270
 Ion Ratio Lower Upper
 113 100
 55 213.8 152.4 192.4#
 56 157.3 104.6 144.6#

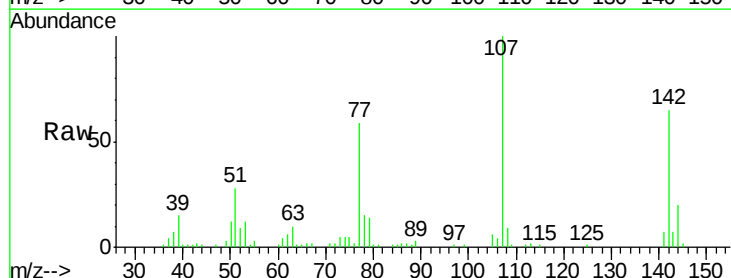


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

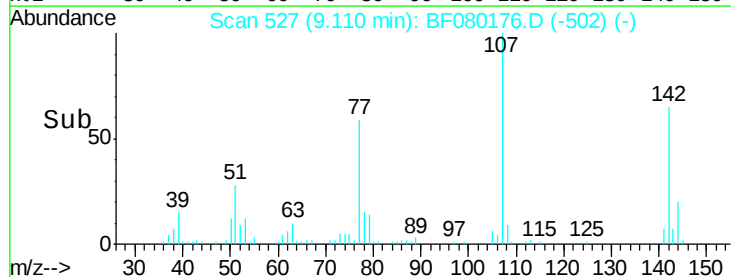
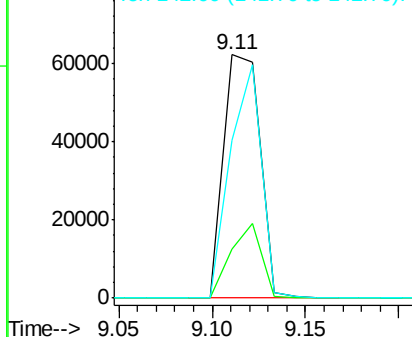


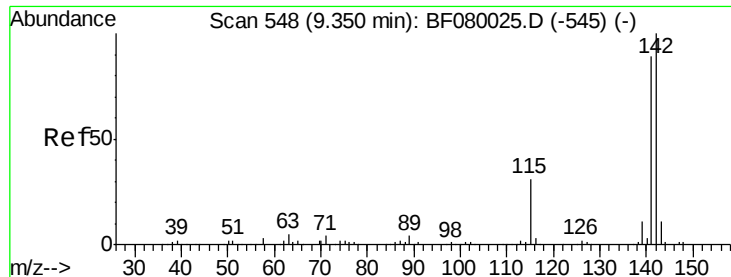
#36
 4-Chloro-3-methylphenol
 Concen: 48.79 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:107 Resp: 85353
 Ion Ratio Lower Upper
 107 100
 144 20.3 25.4 38.0#
 142 65.0 77.3 115.9#



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

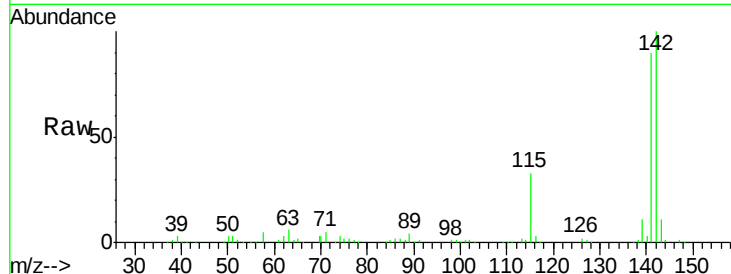




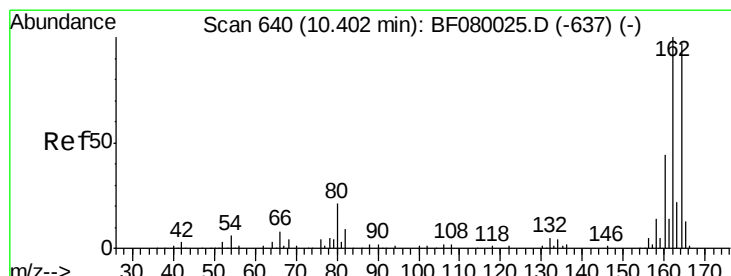
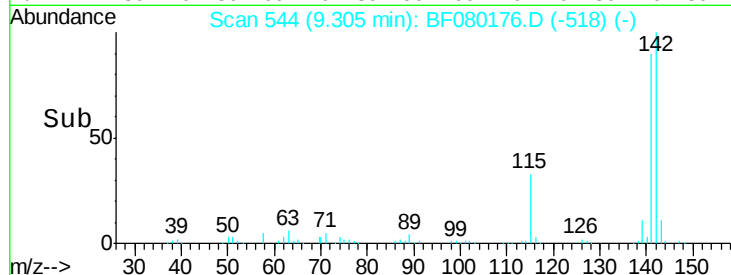
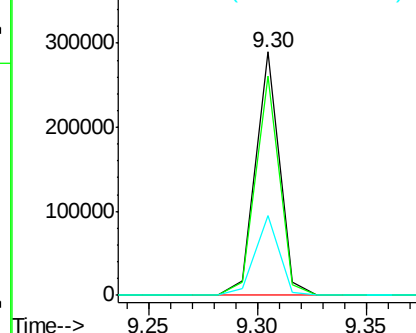
#37
 2-Methylnaphthalene
 Concen: 56.03 ng
 RT: 9.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.5	101.3
115	32.6	18.2	27.2#

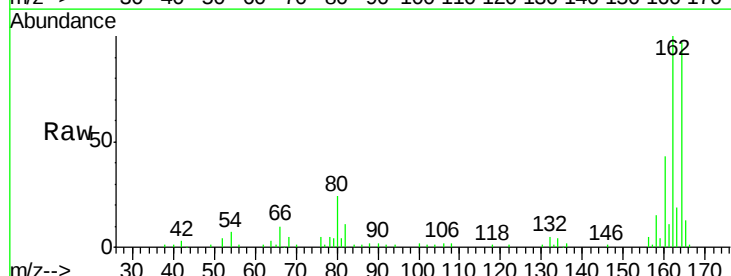


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

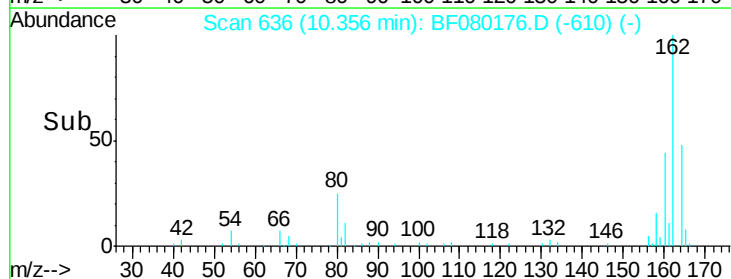
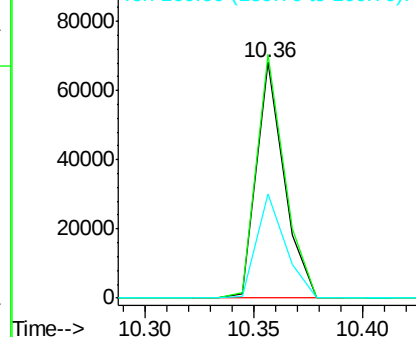


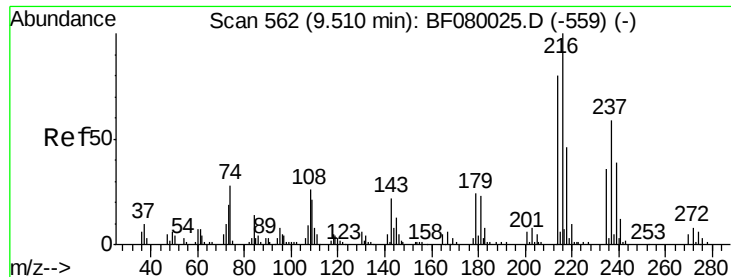
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	75.2	112.8
160	44.2	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

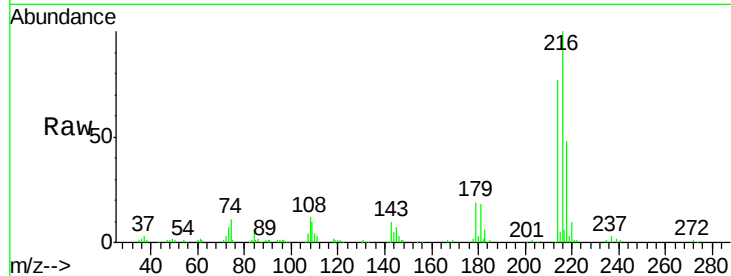




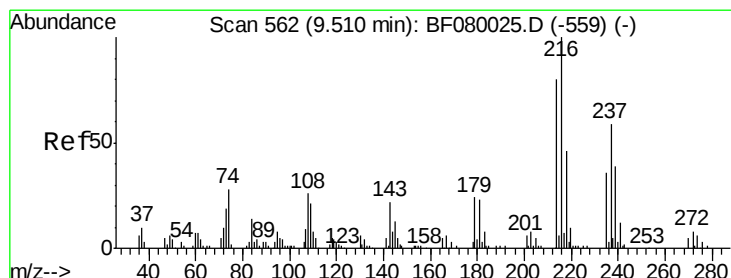
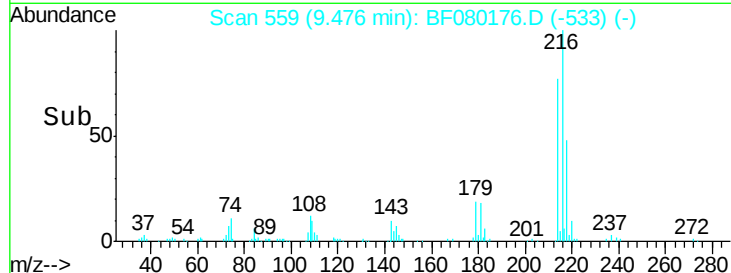
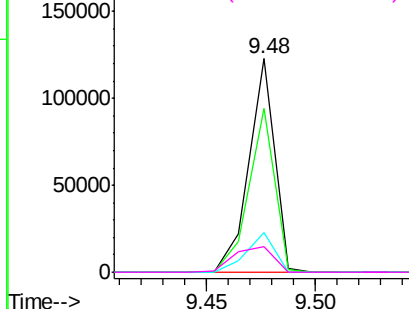
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.67 ng
 RT: 9.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNSIDEWALL-062415MSD

Tgt Ion:	216	Resp:	100801
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	19.8	16.6	24.8
108	18.5	16.3	24.5

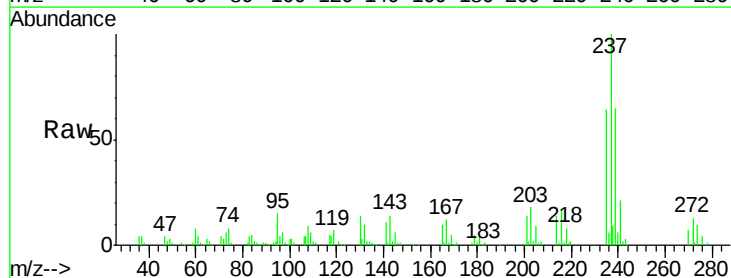


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

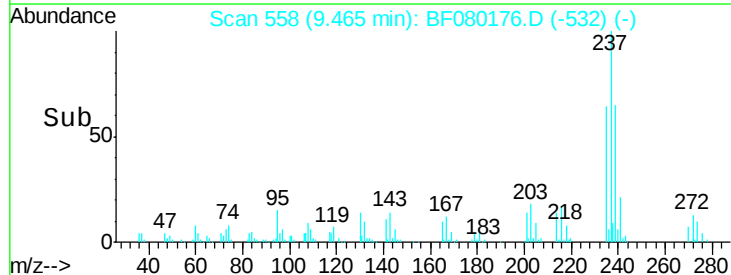
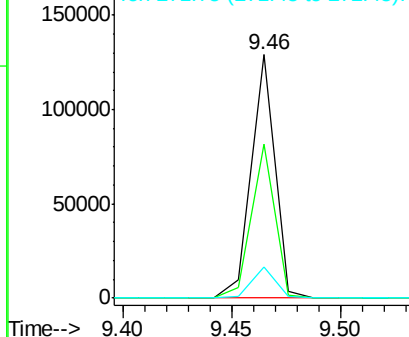


#40
 Hexachlorocyclopentadiene
 Concen: 106.01 ng
 RT: 9.46 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:	237	Resp:	97328
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.9	0.0	36.1



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





#41

2,4,6-Tribromophenol

Concen: 172.74 ng

RT: 11.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

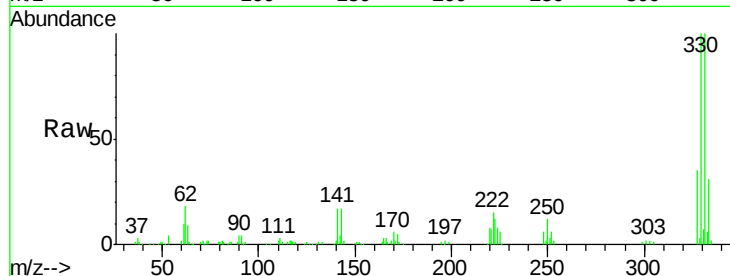
Tgt Ion:330 Resp: 101458

Ion Ratio Lower Upper

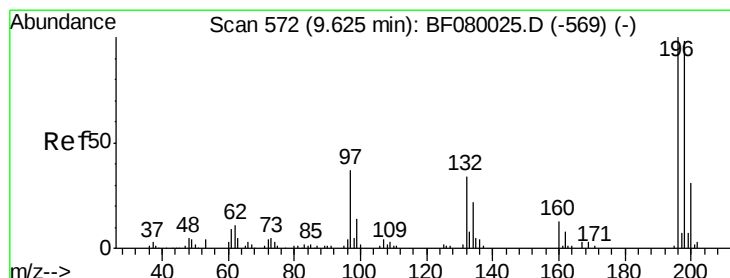
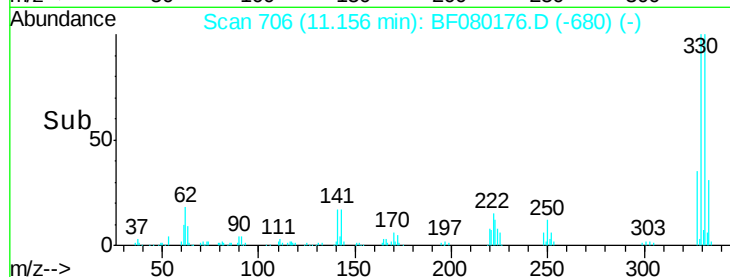
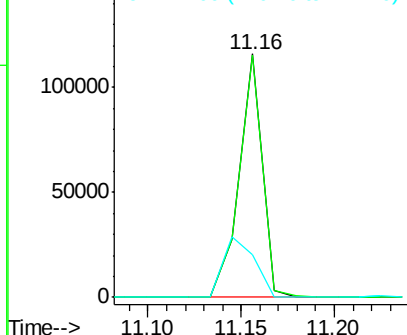
330 100

332 99.5 76.6 114.8

141 33.9 29.7 44.5



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



#42

2,4,6-Trichlorophenol

Concen: 57.13 ng

RT: 9.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

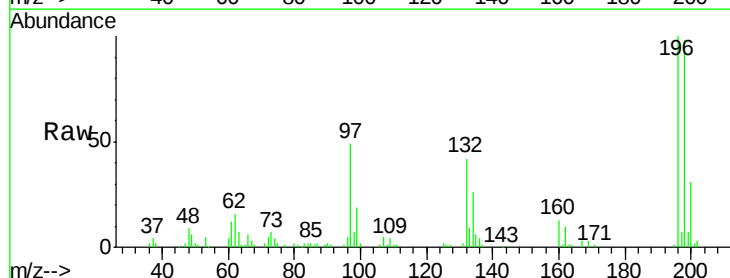
Tgt Ion:196 Resp: 67941

Ion Ratio Lower Upper

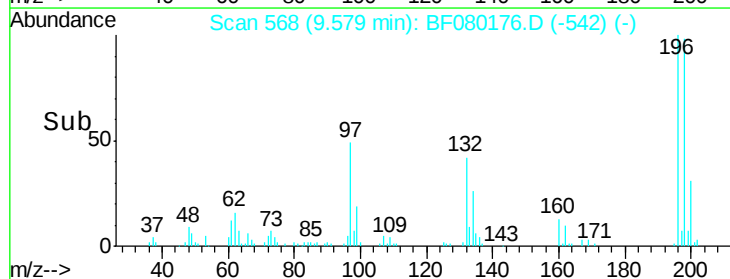
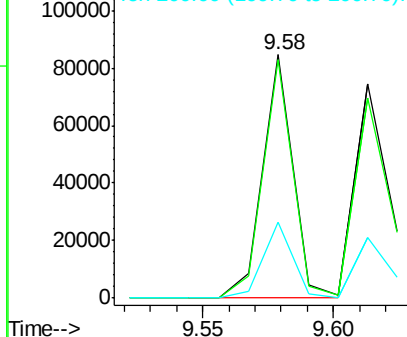
196 100

198 98.0 75.7 113.5

200 31.3 23.9 35.9



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

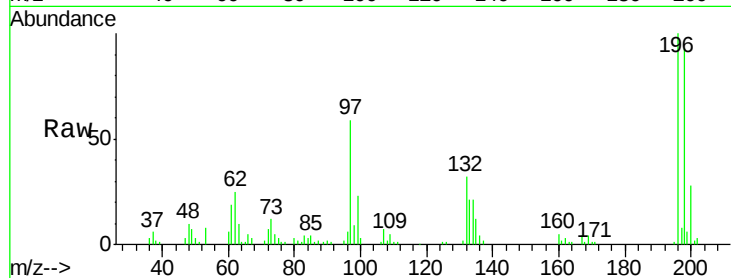




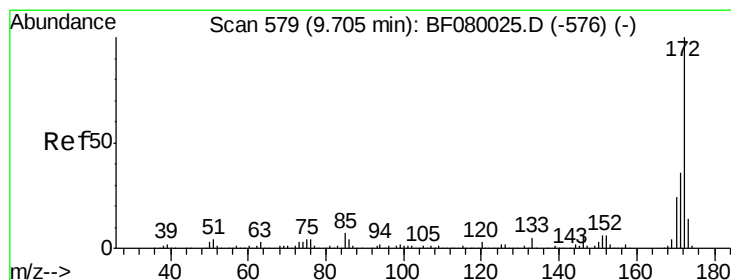
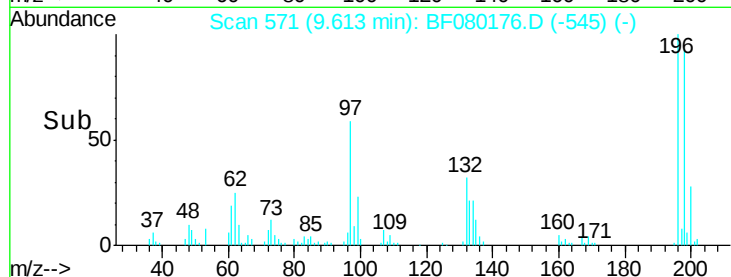
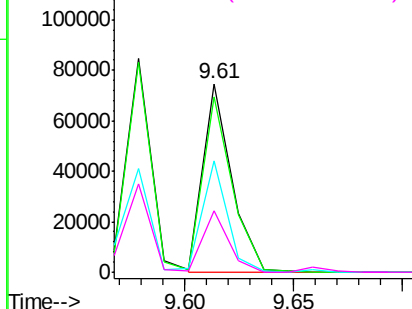
#43
 2,4,5-Trichlorophenol
 Concen: 49.62 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:196 Resp: 67993
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.4 113.0
 97 59.0 33.3 49.9#
 132 32.3 24.6 37.0

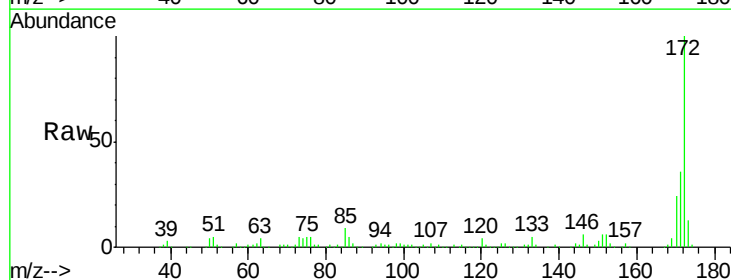


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

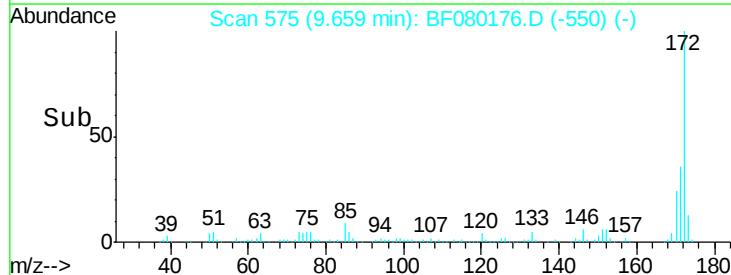
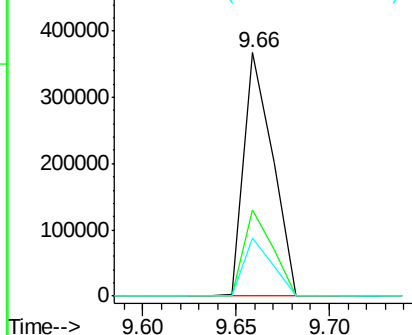


#44
 2-Fluorobiphenyl
 Concen: 93.27 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:172 Resp: 392837
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.9 17.4 26.2



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

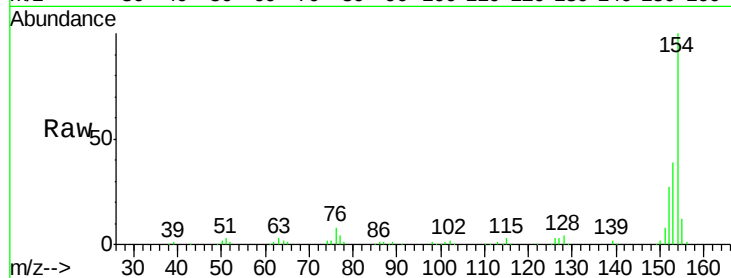




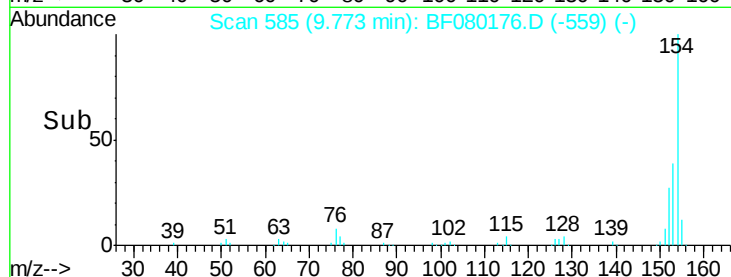
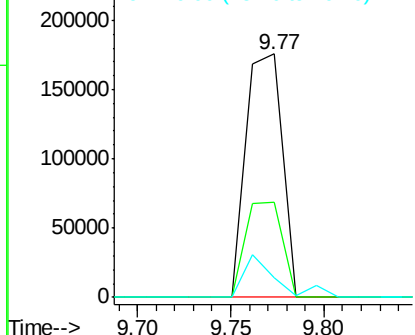
#45
 1,1'-Biphenyl
 Concen: 48.45 ng
 RT: 9.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	17.1	57.1
76	7.8	0.0	31.6

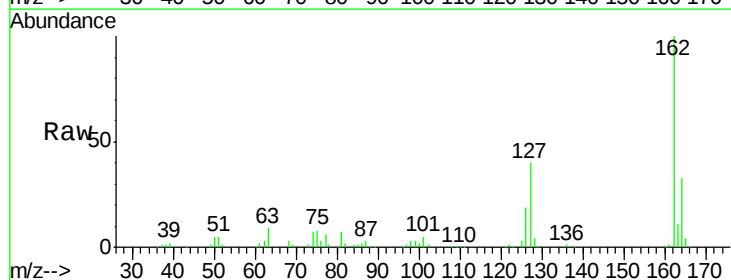


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

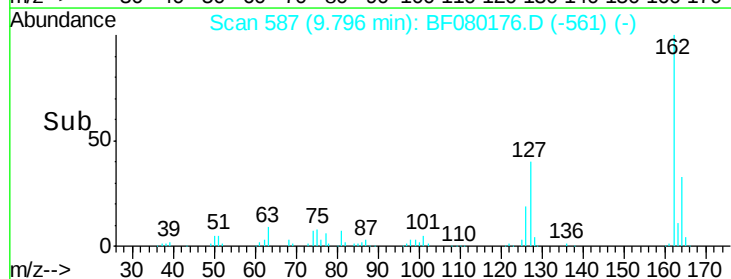
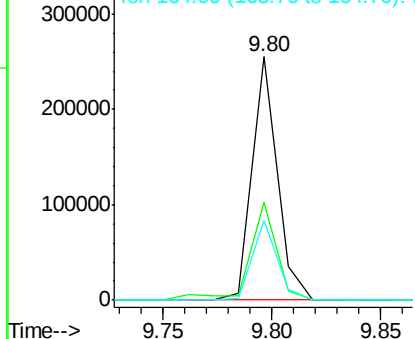


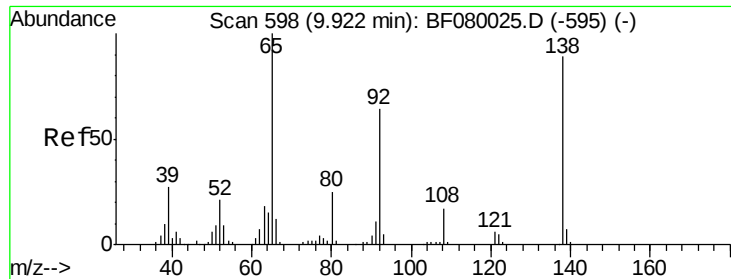
#46
 2-Chloronaphthalene
 Concen: 51.61 ng
 RT: 9.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	27.6	41.4
164	32.6	25.4	38.2



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

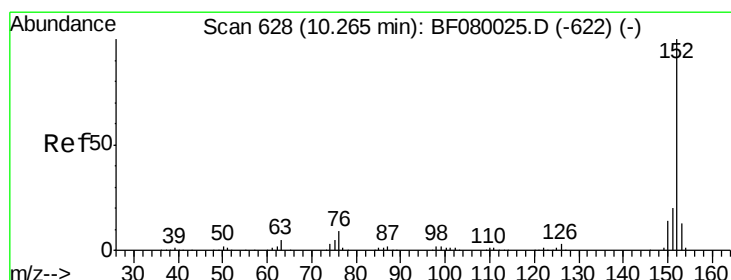
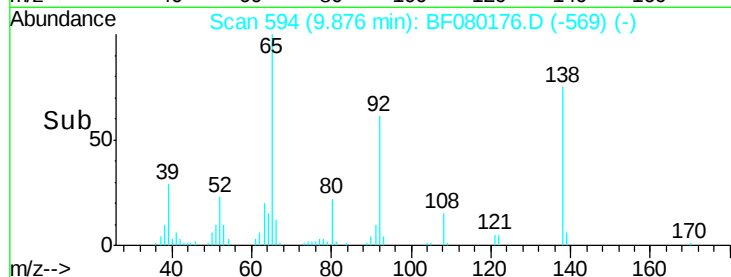
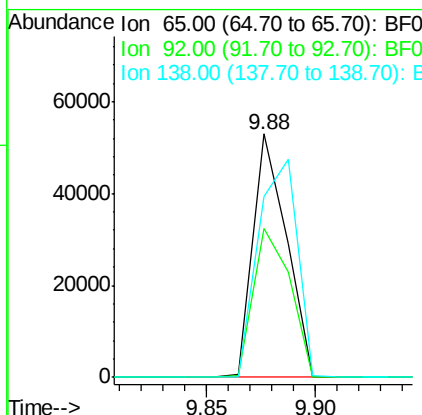
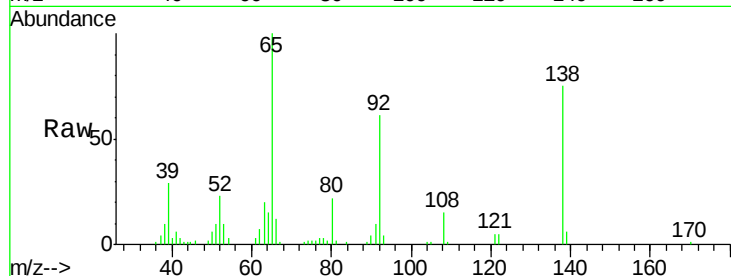




#47
2-Nitroaniline
Concen: 52.12 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

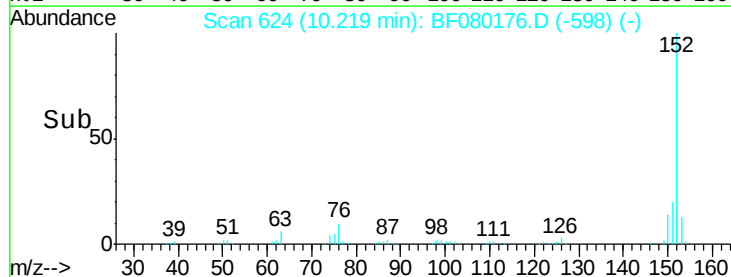
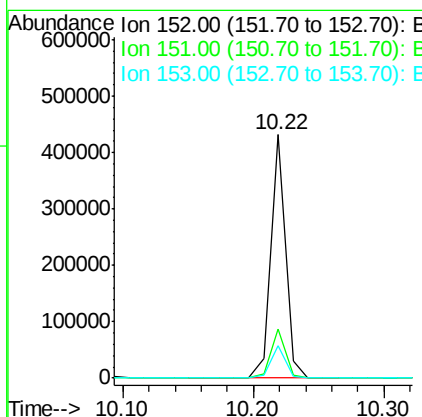
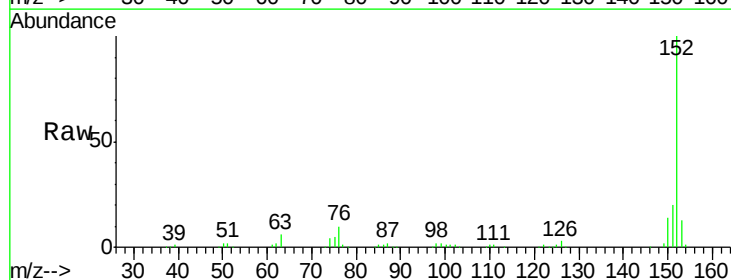
Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415MSD

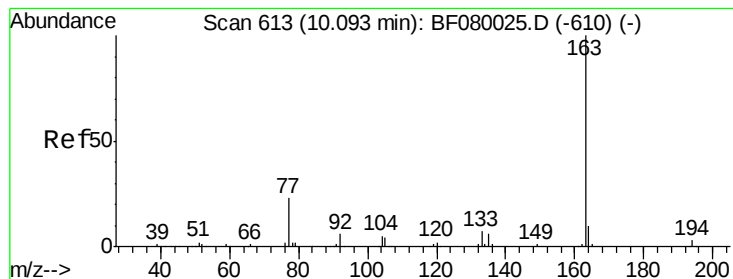
Tgt Ion: 65 Resp: 56735
Ion Ratio Lower Upper
65 100
92 61.2 55.4 83.0
138 74.5 115.5 173.3#



#48
Acenaphthylene
Concen: 51.81 ng
RT: 10.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion: 152 Resp: 342873
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 81.06 ng

RT: 10.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

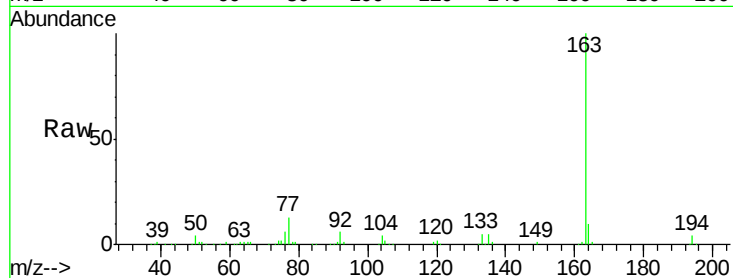
Tgt Ion:163 Resp: 366069

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

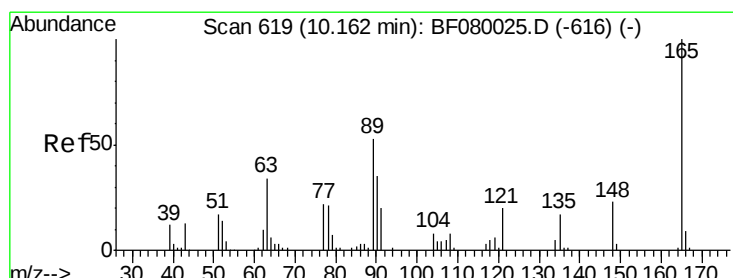
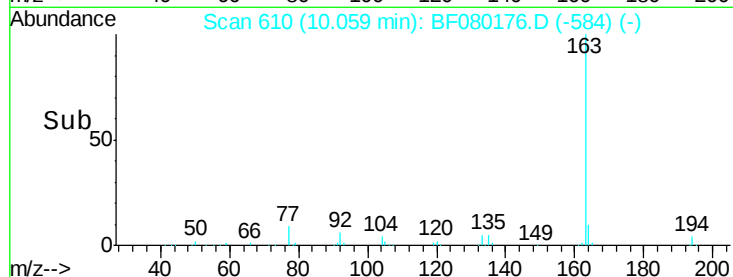
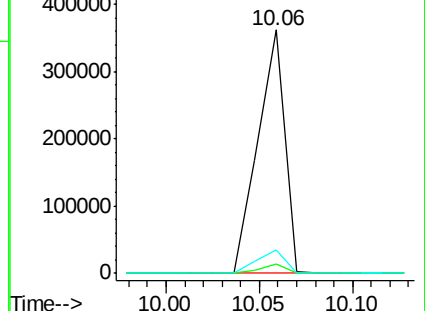
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.63 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

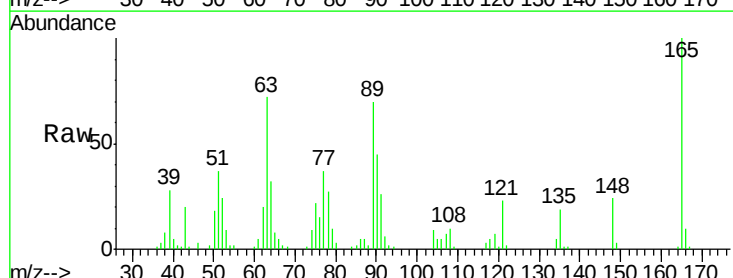
Tgt Ion:165 Resp: 46742

Ion Ratio Lower Upper

165 100

63 72.2 32.3 48.5#

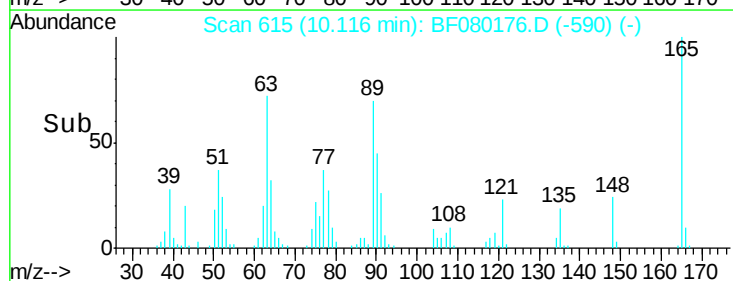
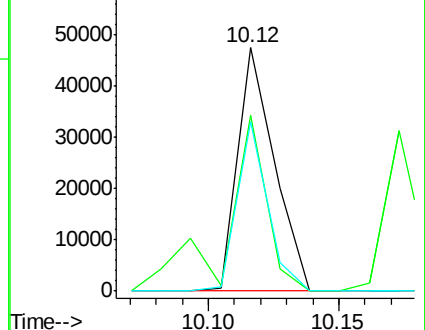
89 69.5 28.6 43.0#

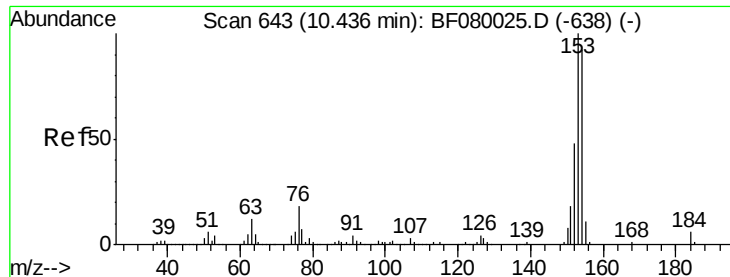


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.39 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

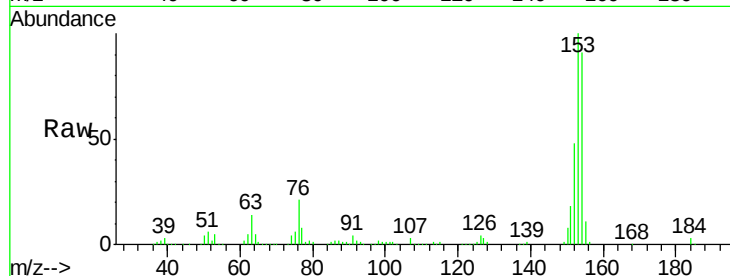
Tgt Ion:154 Resp: 212113

Ion Ratio Lower Upper

154 100

153 110.1 82.1 123.1

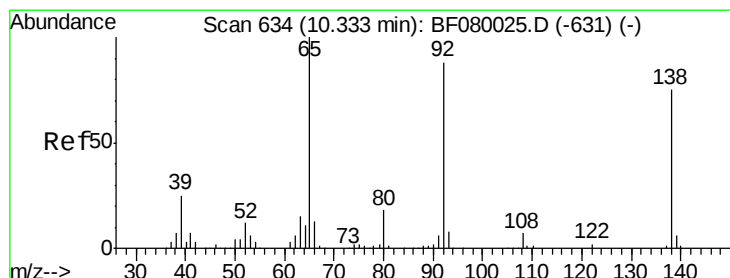
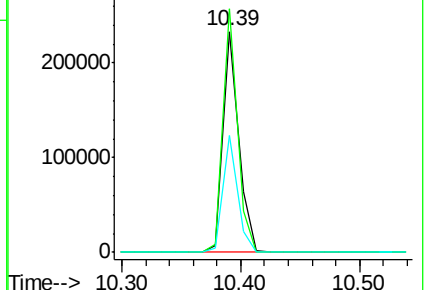
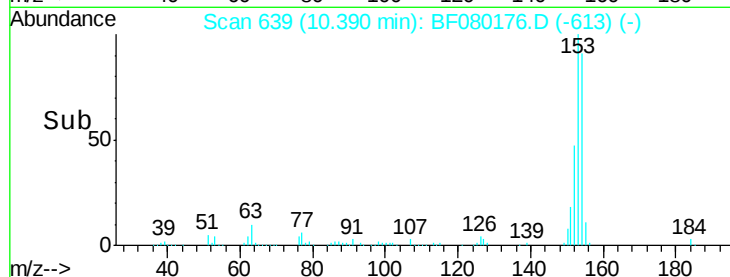
152 52.8 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.91 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

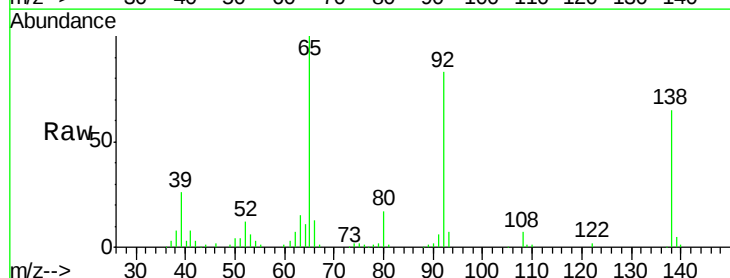
Tgt Ion:138 Resp: 49003

Ion Ratio Lower Upper

138 100

108 11.0 5.7 8.5#

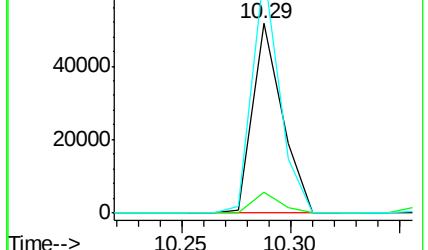
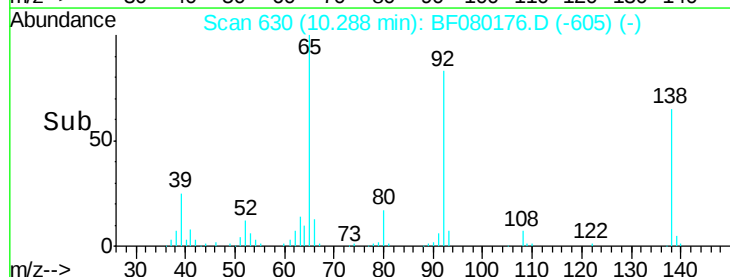
92 128.4 67.7 101.5#

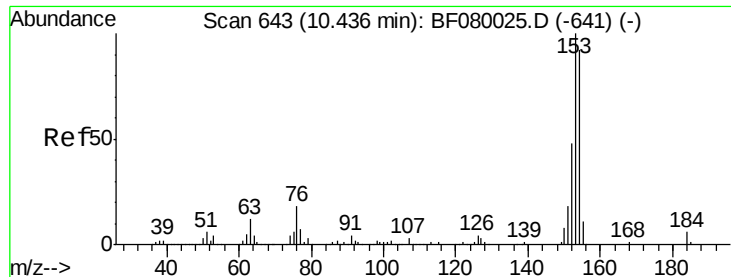


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

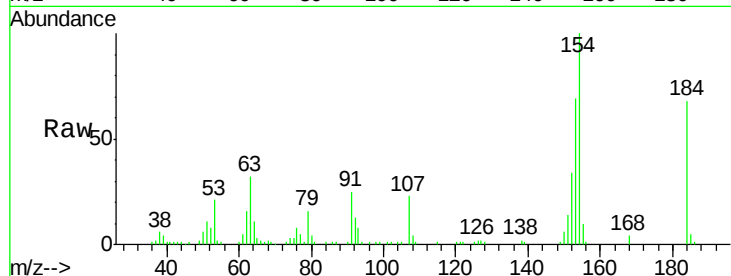




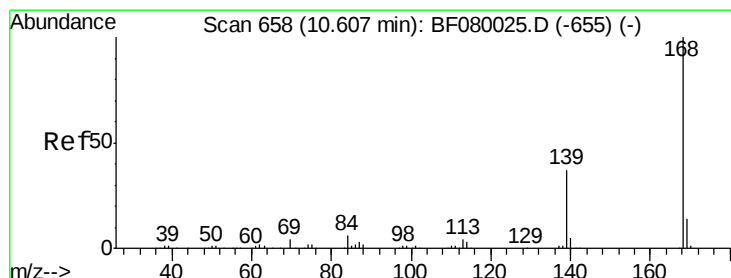
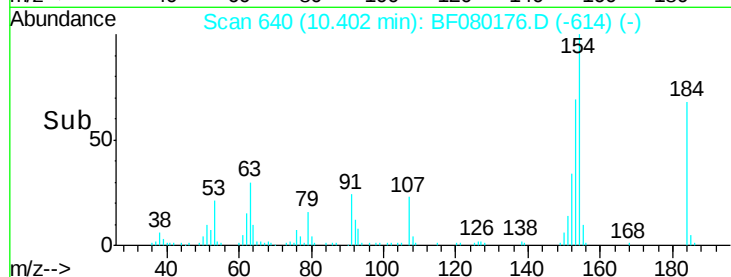
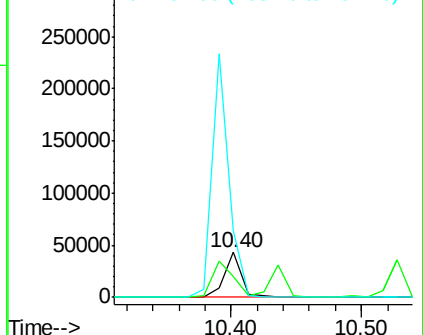
#53
 2,4-Dinitrophenol
 Concen: 106.58 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:184 Resp: 40044
 Ion Ratio Lower Upper
 184 100
 63 47.0 35.4 53.2
 154 147.4 32.2 48.4#

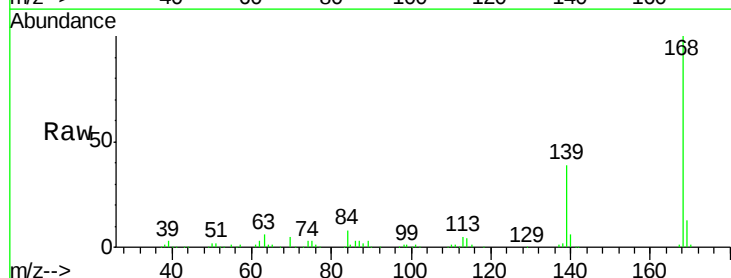


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

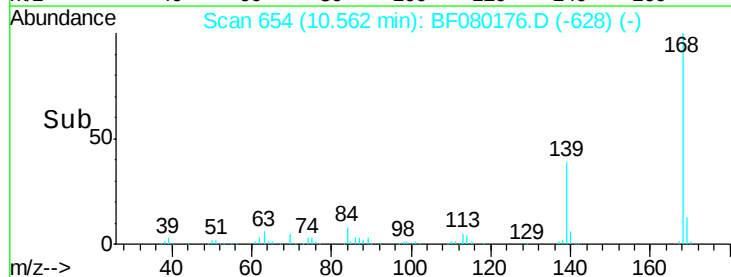
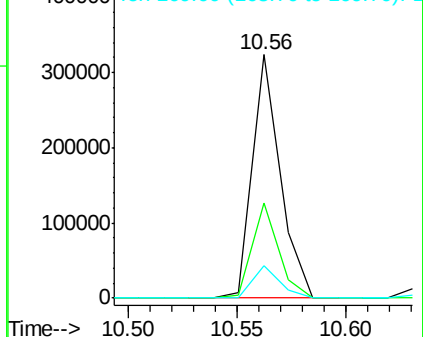


#54
 Dibenzofuran
 Concen: 49.95 ng
 RT: 10.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:168 Resp: 286971
 Ion Ratio Lower Upper
 168 100
 139 39.1 24.2 36.2#
 169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

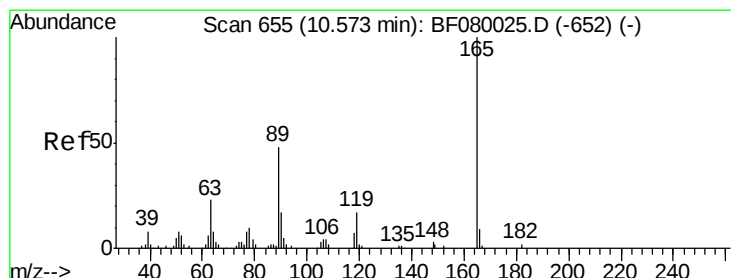
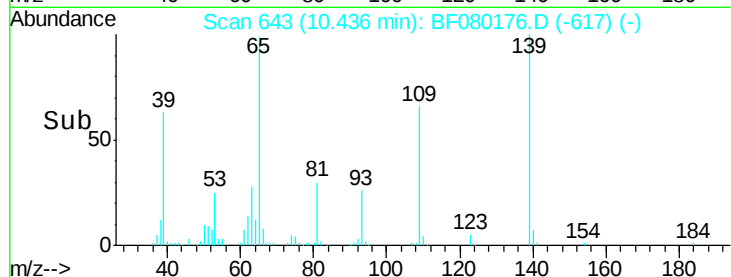
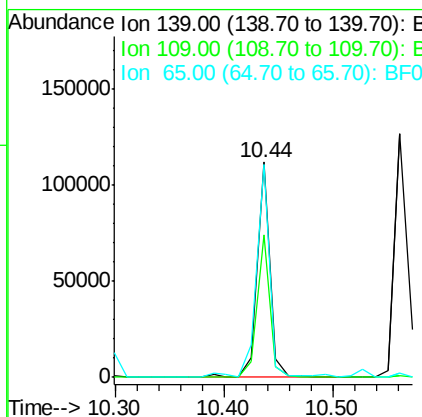
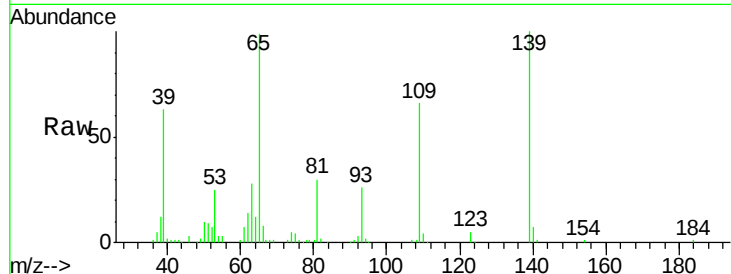




#55
4-Nitrophenol
Concen: 111.64 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

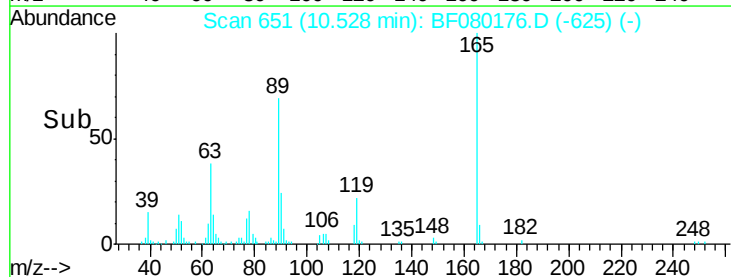
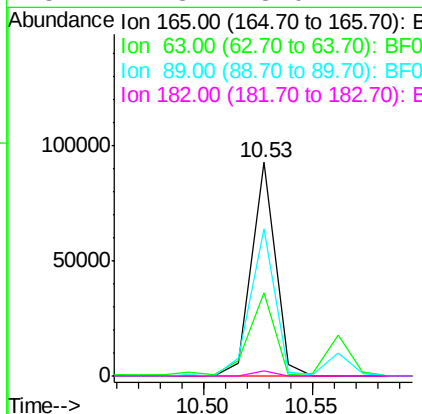
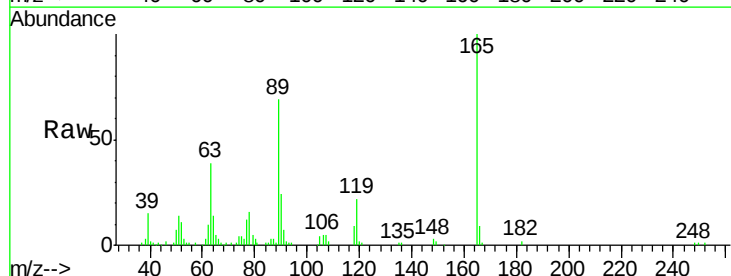
Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415MSD

Tgt Ion:139 Resp: 93204
Ion Ratio Lower Upper
139 100
109 66.3 12.7 52.7#
65 99.2 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 61.62 ng
RT: 10.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion:165 Resp: 70784
Ion Ratio Lower Upper
165 100
63 39.2 29.8 44.6
89 68.8 44.5 66.7#
182 2.3 3.0 4.4#

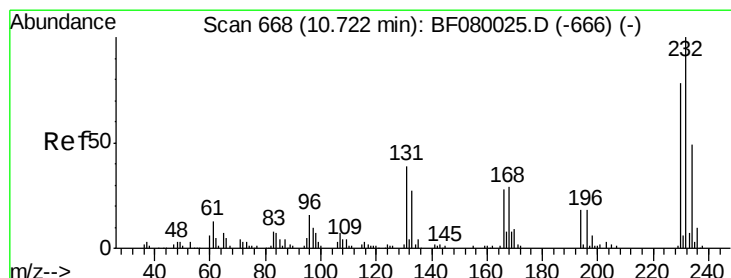
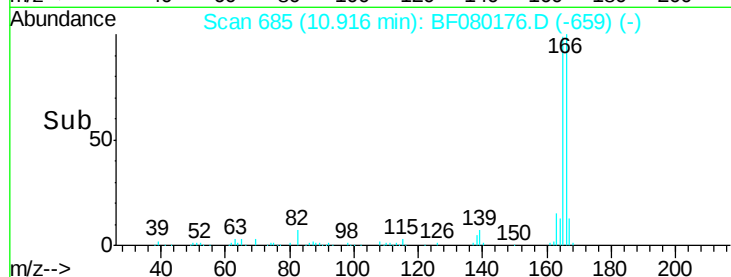
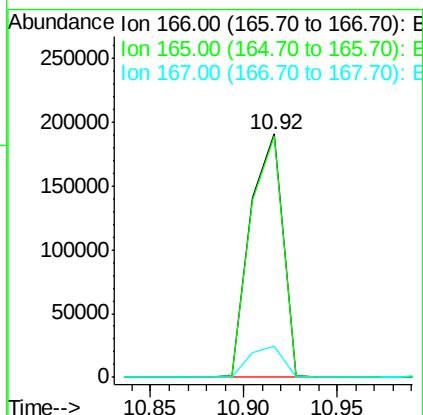
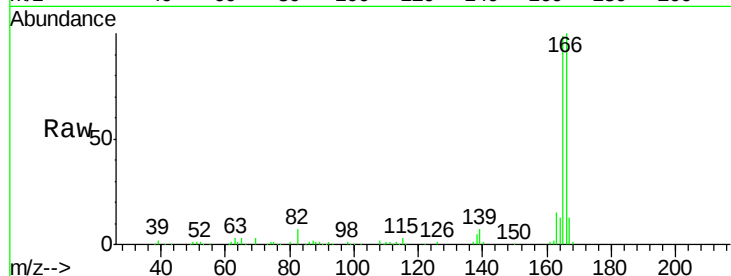




#57
Fluorene
 Concen: 50.25 ng
 RT: 10.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

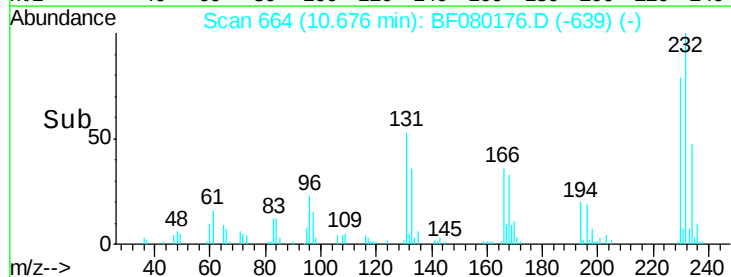
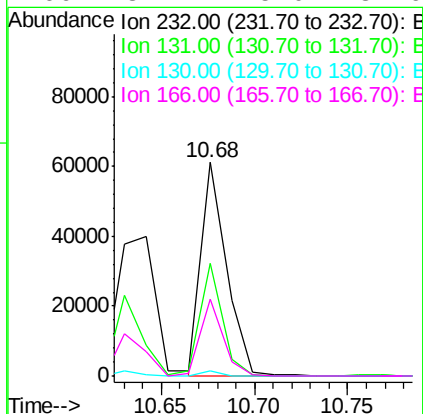
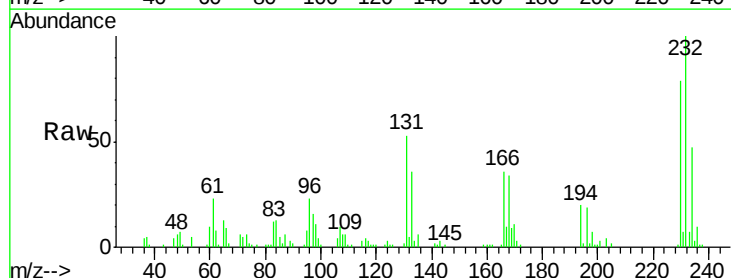
Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:166 Resp: 229055
 Ion Ratio Lower Upper
 166 100
 165 98.8 72.6 109.0
 167 12.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.40 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:232 Resp: 58307
 Ion Ratio Lower Upper
 232 100
 131 46.2 38.5 57.7
 130 1.8 1.8 2.6
 166 31.4 25.0 37.6

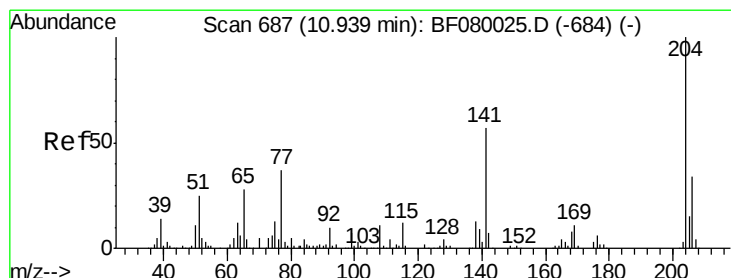
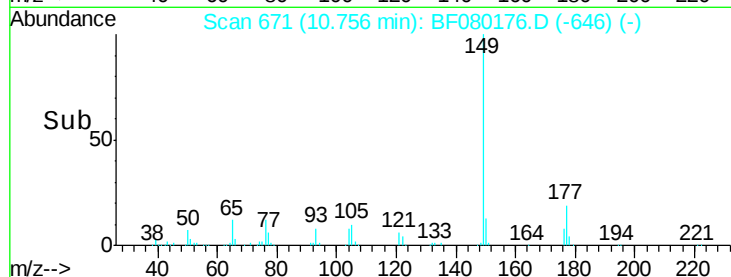
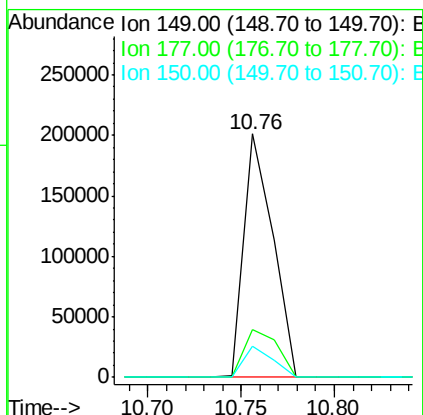
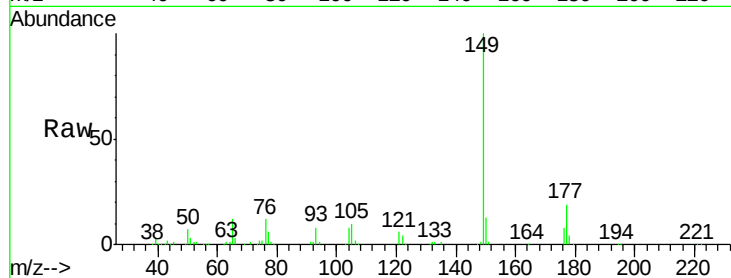




#59
Diethylphthalate
Concen: 47.79 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

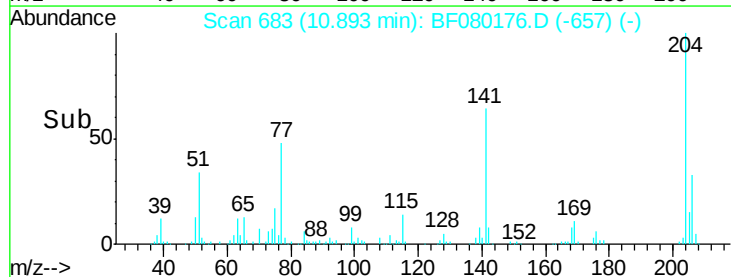
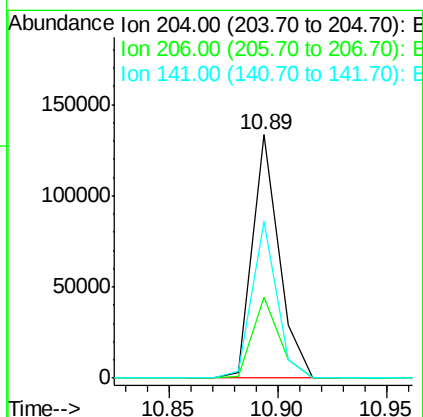
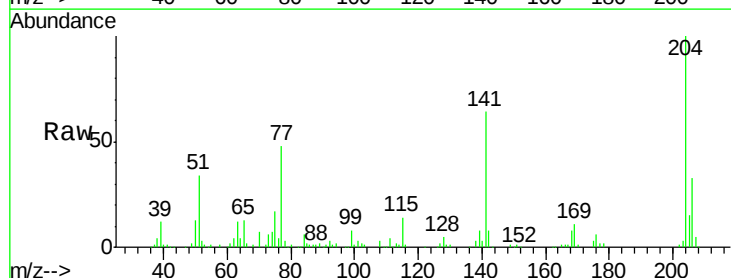
Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415MSD

Tgt Ion:149 Resp: 217318
Ion Ratio Lower Upper
149 100
177 19.4 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 51.91 ng
RT: 10.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion:204 Resp: 113721
Ion Ratio Lower Upper
204 100
206 33.2 24.8 37.2
141 64.5 42.2 63.4#

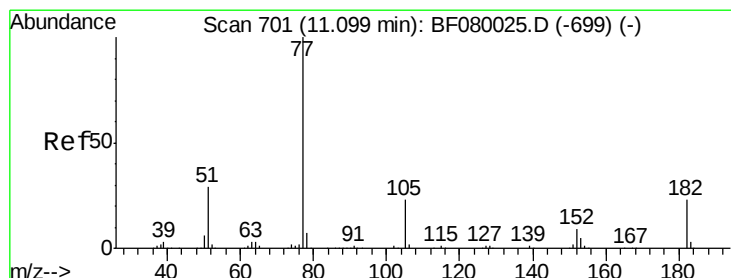
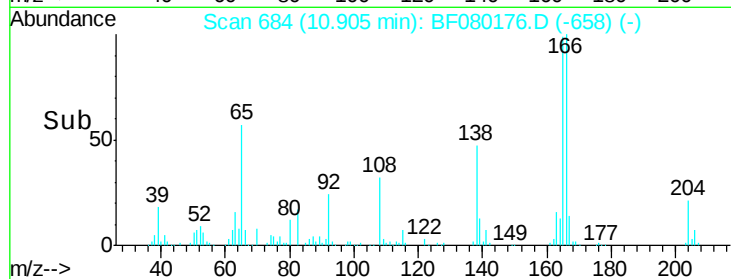
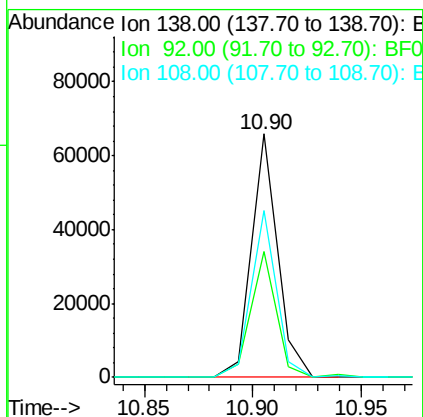
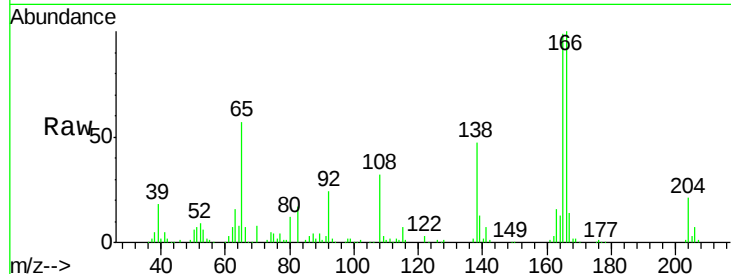




#61
4-Nitroaniline
Concen: 51.05 ng
RT: 10.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

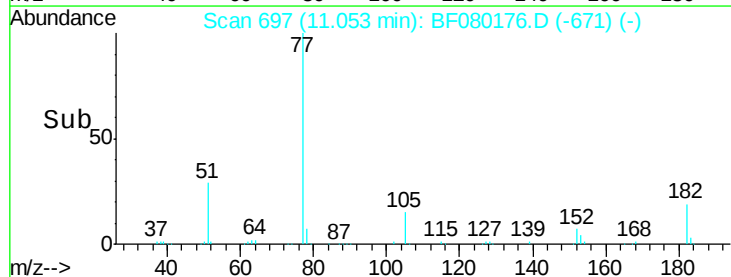
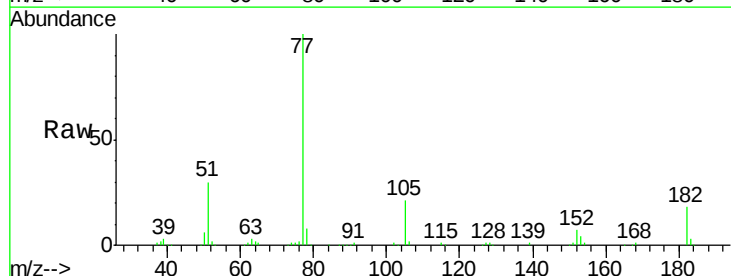
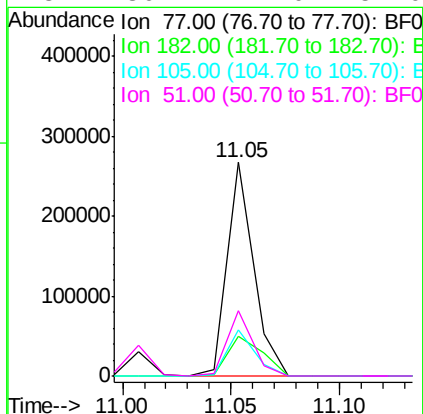
Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415MSD

Tgt Ion:138 Resp: 55071
Ion Ratio Lower Upper
138 100
92 51.7 12.6 52.6
108 68.6 12.4 52.4#



#62
Azobenzene
Concen: 48.68 ng
RT: 11.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080176.D
Acq: 25 Jun 2015 20:07

Tgt Ion: 77 Resp: 225319
Ion Ratio Lower Upper
77 100
182 18.3 15.1 55.1
105 21.4 3.4 43.4
51 30.4 12.0 52.0

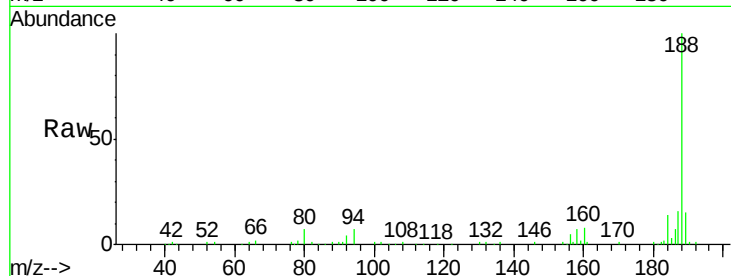




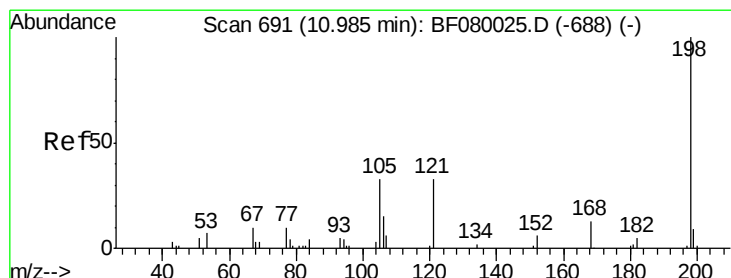
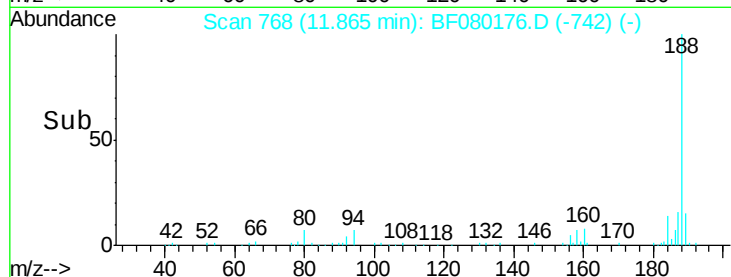
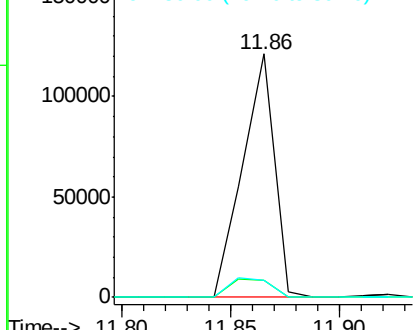
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:188 Resp: 122718
 Ion Ratio Lower Upper
 188 100
 94 7.0 11.1 16.7#
 80 7.0 11.0 16.4#

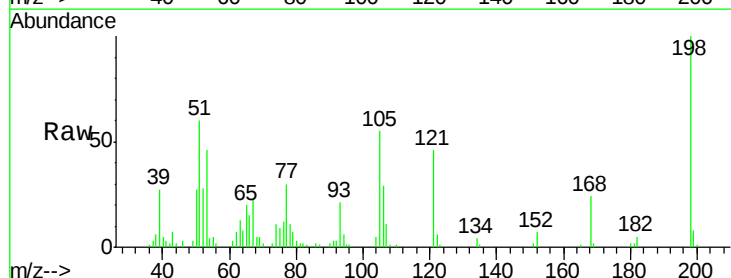


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

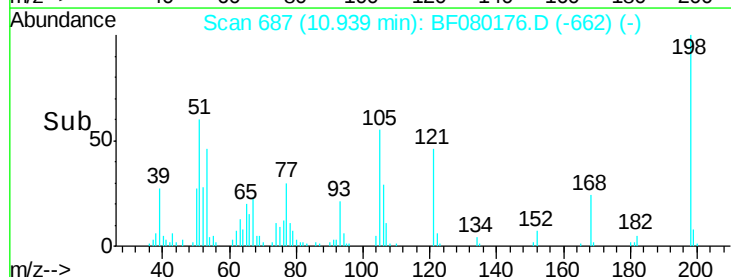
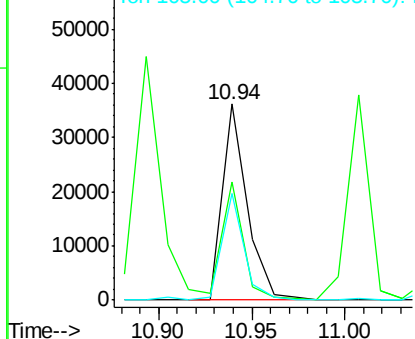


#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.24 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:198 Resp: 33377
 Ion Ratio Lower Upper
 198 100
 51 60.3 39.6 79.6
 105 54.8 28.5 68.5



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

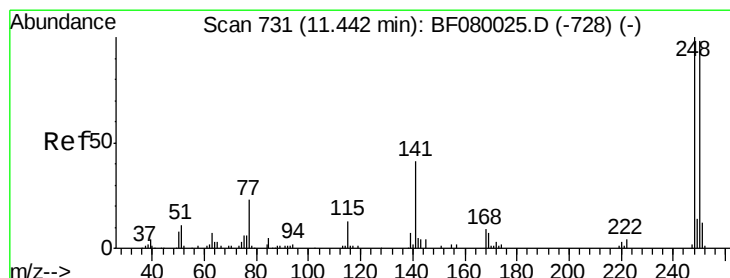
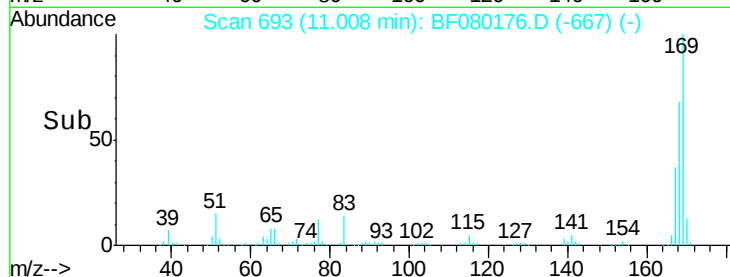
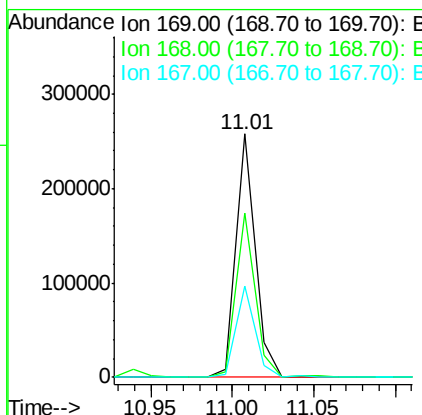
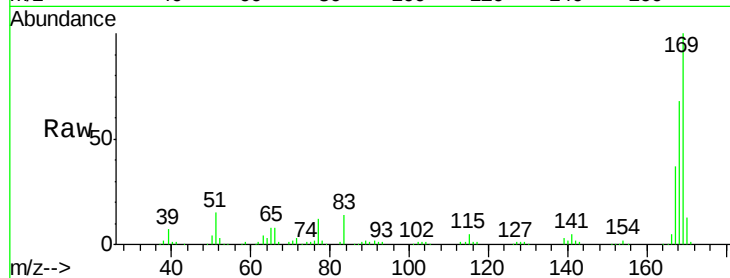




#65
 n-Nitrosodiphenylamine
 Concen: 52.20 ng
 RT: 11.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

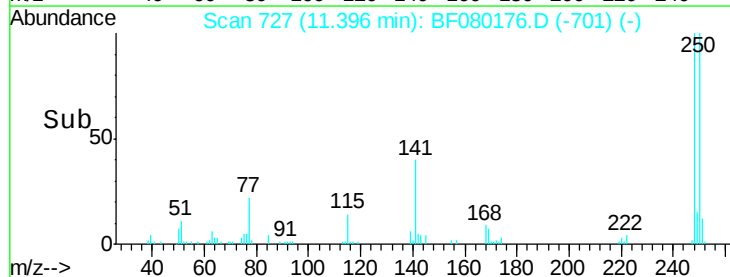
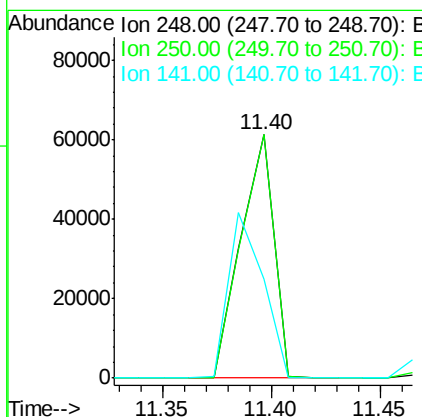
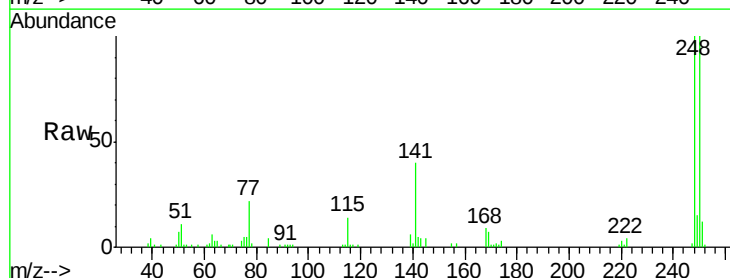
Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

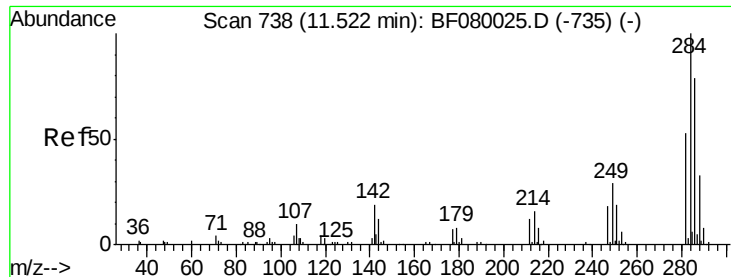
Tgt Ion:169 Resp: 208604
 Ion Ratio Lower Upper
 169 100
 168 67.5 48.9 73.3
 167 37.5 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 49.56 ng
 RT: 11.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:248 Resp: 64673
 Ion Ratio Lower Upper
 248 100
 250 100.0 78.5 117.7
 141 40.4 59.0 88.6#





#67

Hexachlorobenzene

Concen: 48.39 ng

RT: 11.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

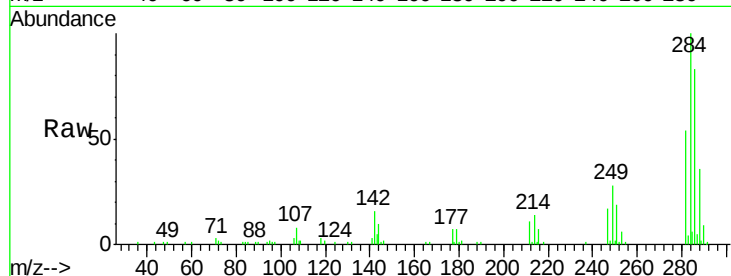
Tgt Ion:284 Resp: 70170

Ion Ratio Lower Upper

284 100

142 15.7 29.5 44.3#

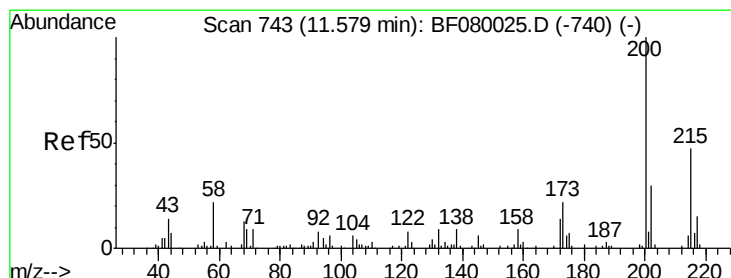
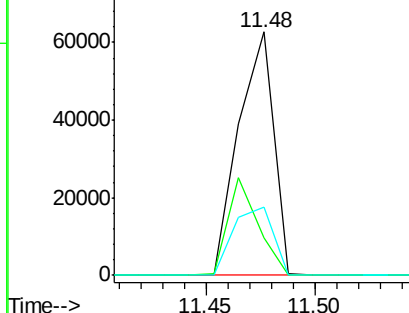
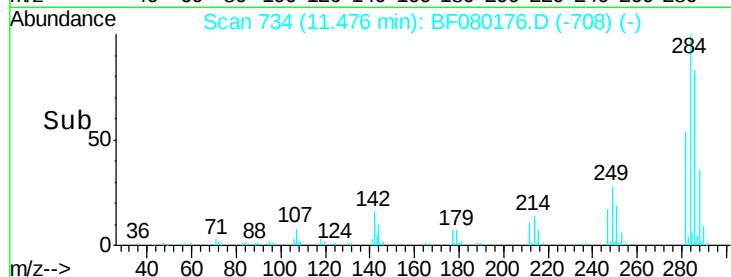
249 27.9 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.73 ng

RT: 11.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

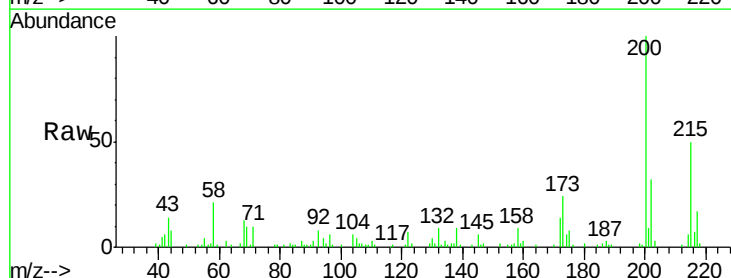
Tgt Ion:200 Resp: 62780

Ion Ratio Lower Upper

200 100

173 24.0 13.2 53.2

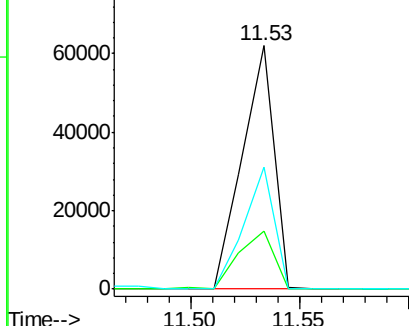
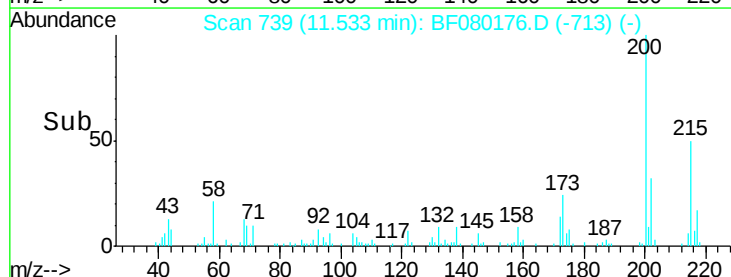
215 50.3 41.8 81.8

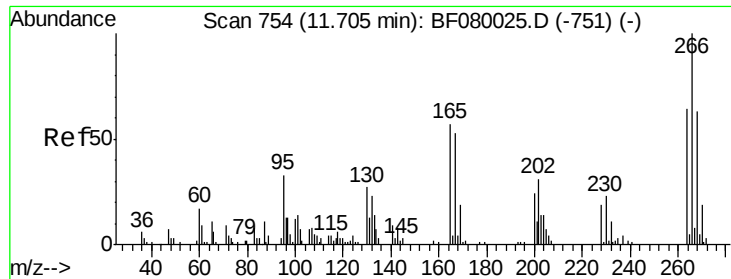


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

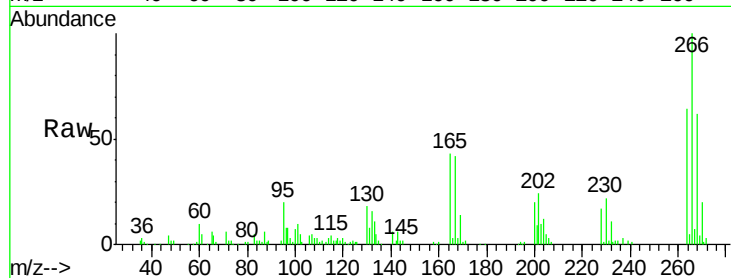




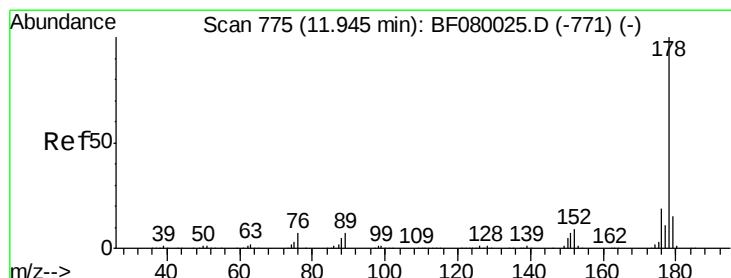
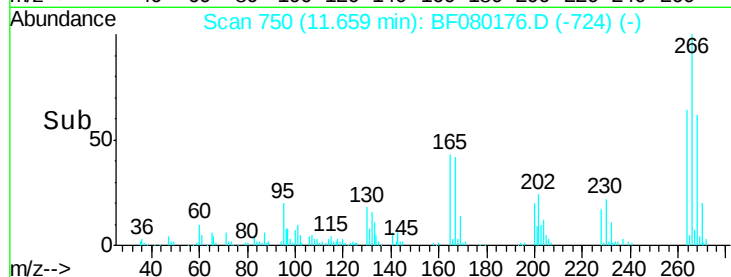
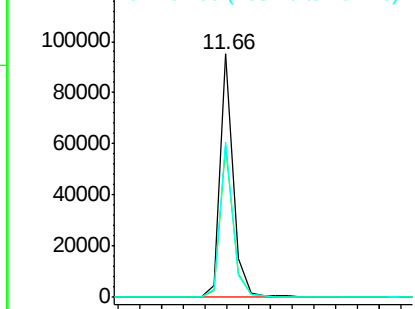
#69
 Pentachlorophenol
 Concen: 99.30 ng
 RT: 11.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:266 Resp: 81604
 Ion Ratio Lower Upper
 266 100
 268 62.2 49.8 74.6
 264 63.6 50.2 75.2

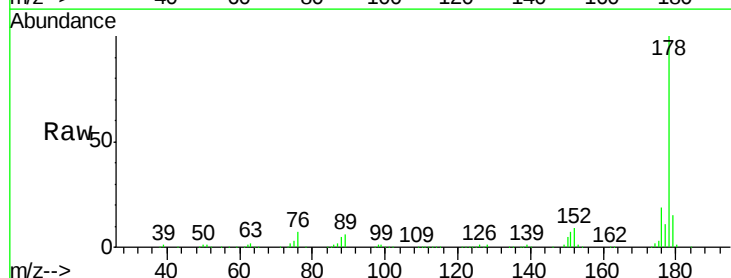


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

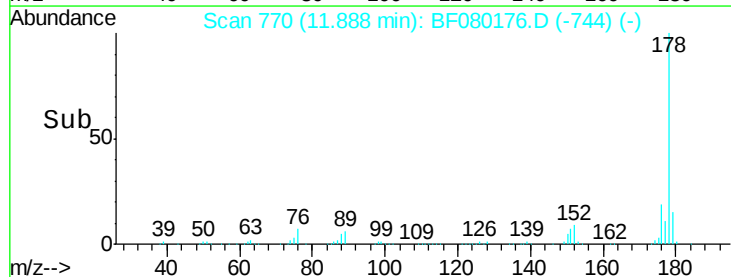
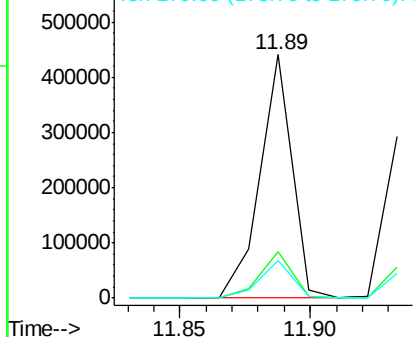


#70
 Phenanthrene
 Concen: 50.27 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:178 Resp: 373513
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.4 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

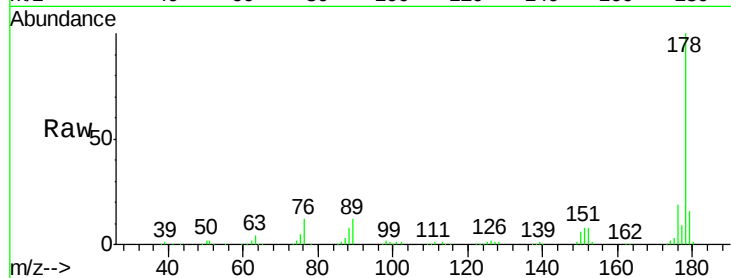




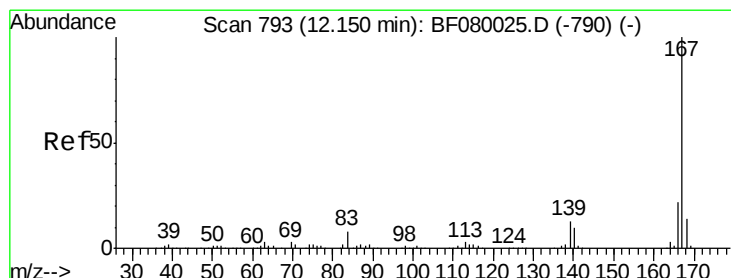
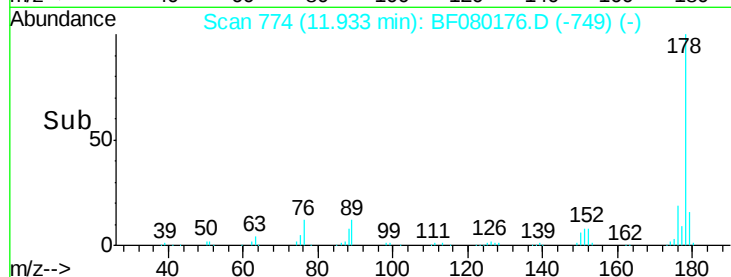
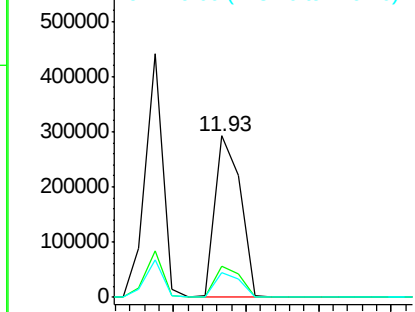
#71
 Anthracene
 Concen: 50.13 ng
 RT: 11.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion:178 Resp: 358606
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.6 12.2 18.2

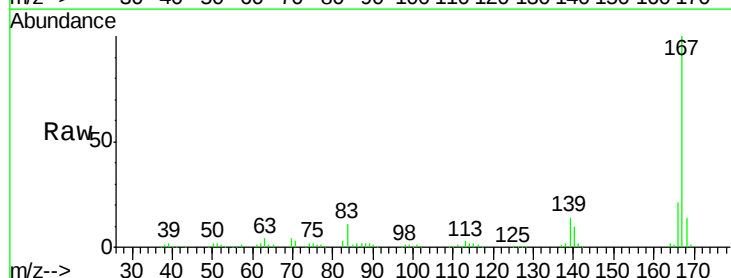


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

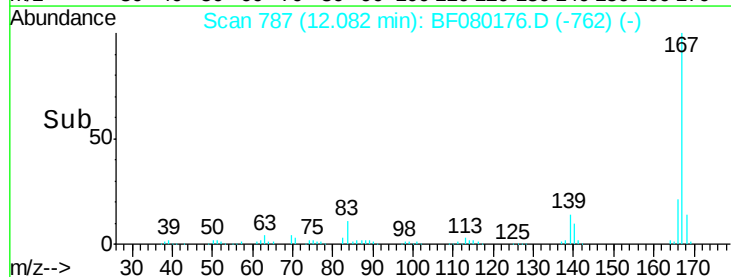
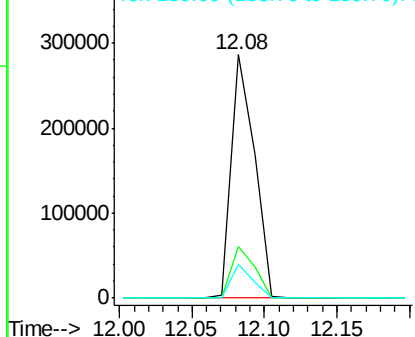


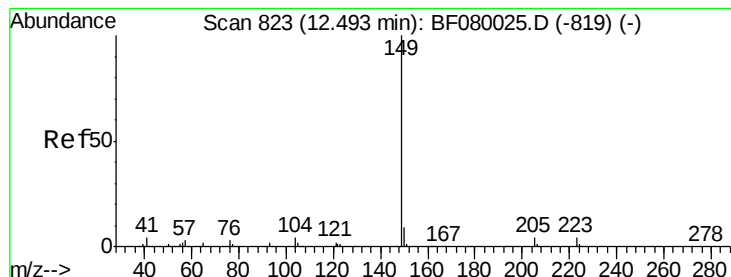
#72
 Carbazole
 Concen: 46.46 ng
 RT: 12.08 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion:167 Resp: 317327
 Ion Ratio Lower Upper
 167 100
 166 21.1 15.7 23.5
 139 13.6 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.61 ng

RT: 12.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

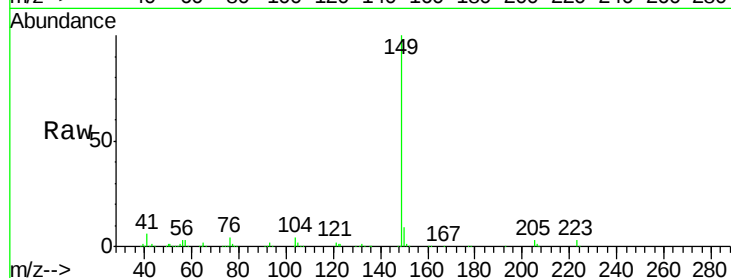
Tgt Ion:149 Resp: 391496

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

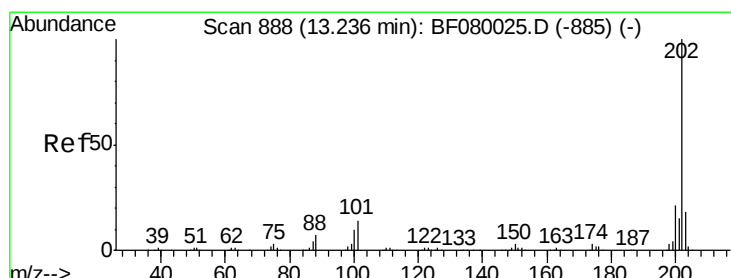
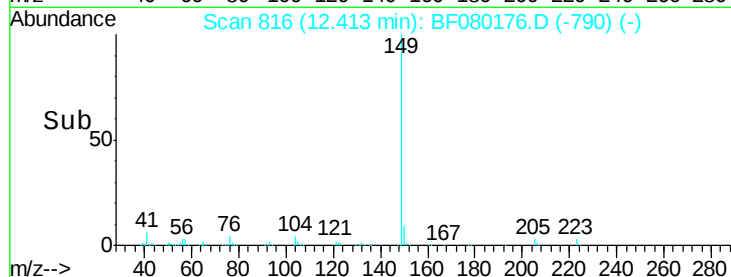
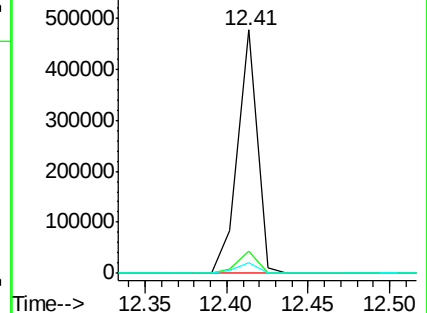
104 4.2 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.18 ng

RT: 13.12 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

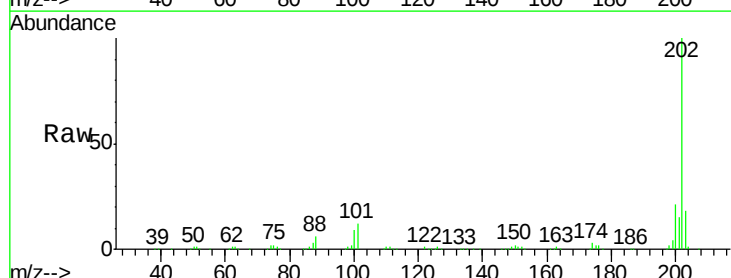
Tgt Ion:202 Resp: 389174

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

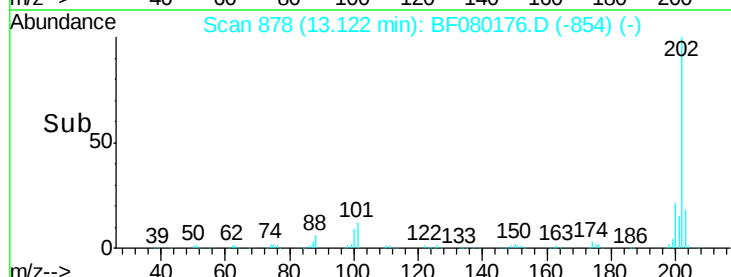
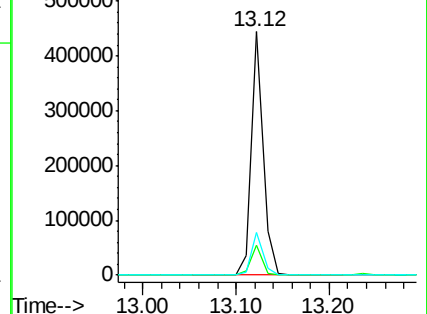
203 17.7 0.0 37.3

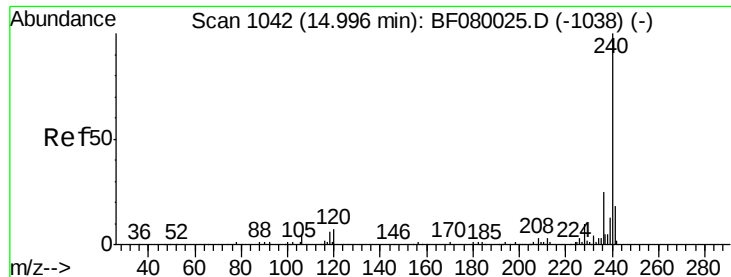


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1020

Delta R.T. -0.08 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

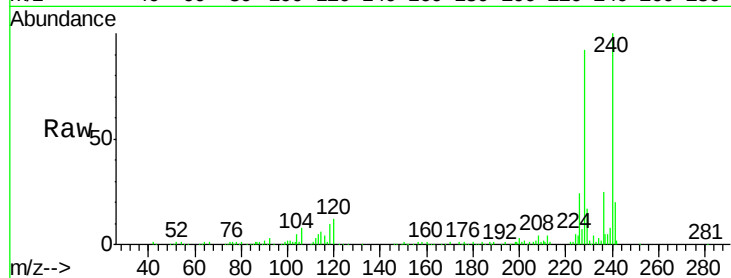
Tgt Ion:240 Resp: 131971

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

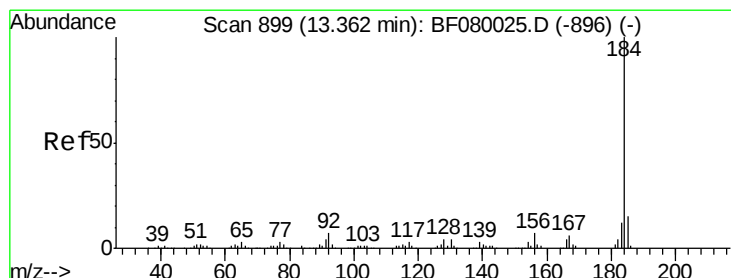
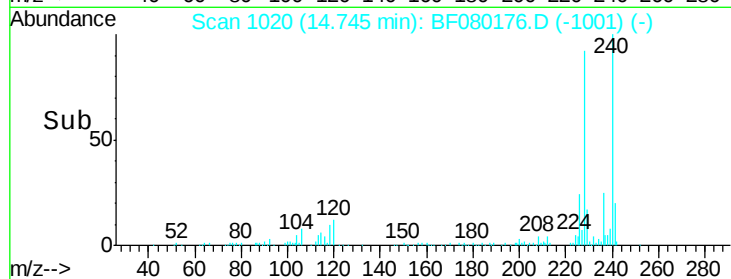
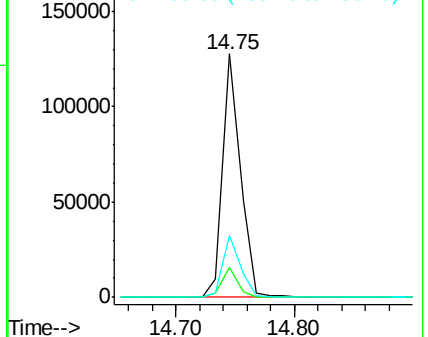
236 25.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 80.02 ng

RT: 13.24 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

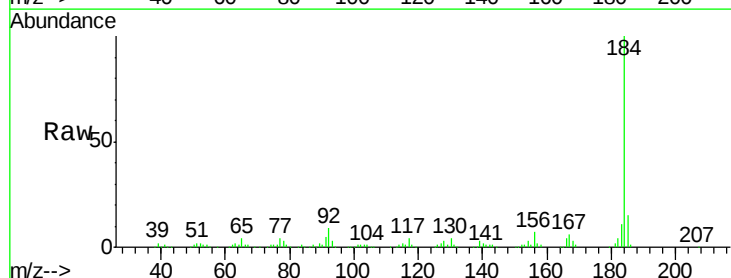
Tgt Ion:184 Resp: 295198

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

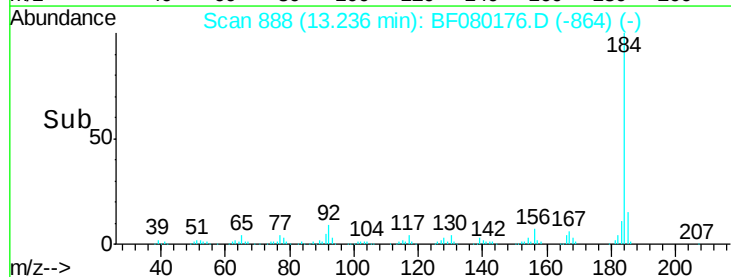
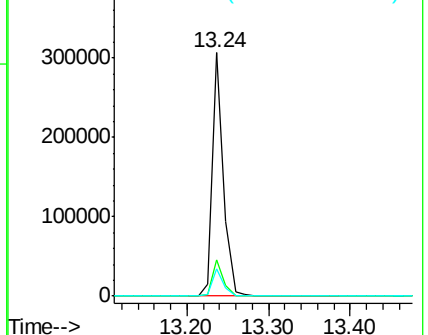
183 11.3 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

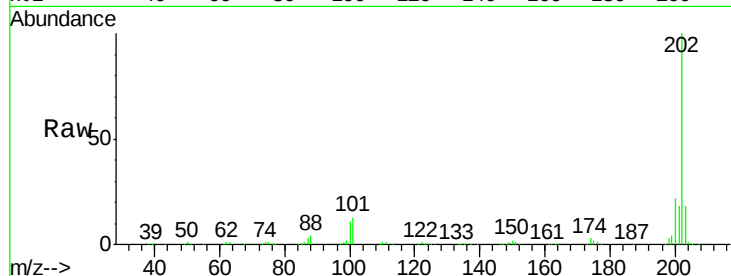




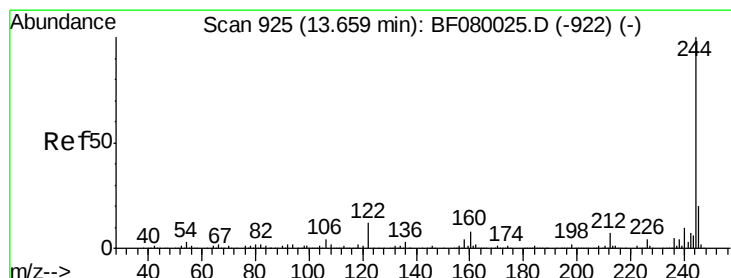
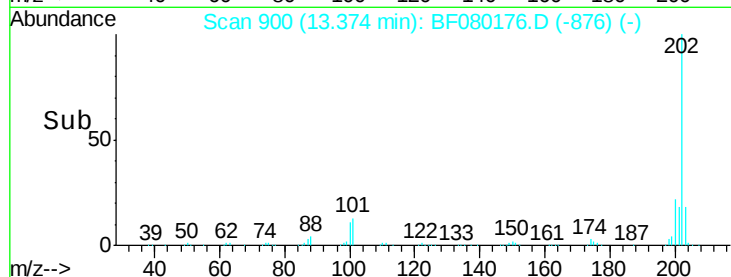
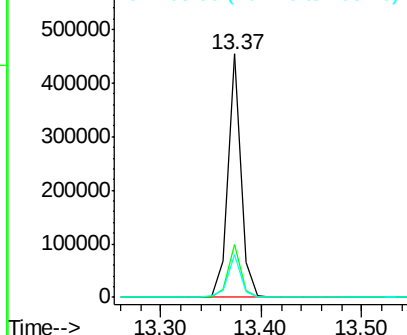
#77
 Pyrene
 Concen: 50.22 ng
 RT: 13.37 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.6	14.1	21.1

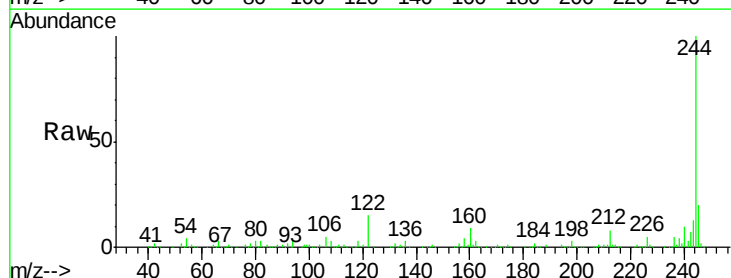


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

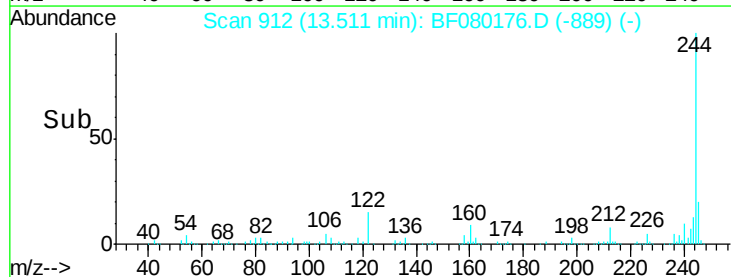
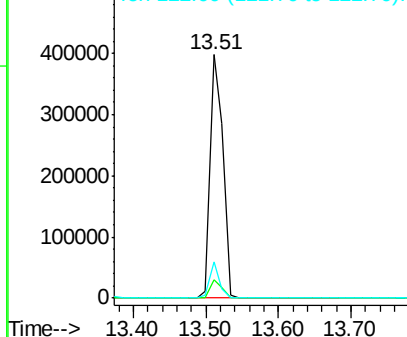


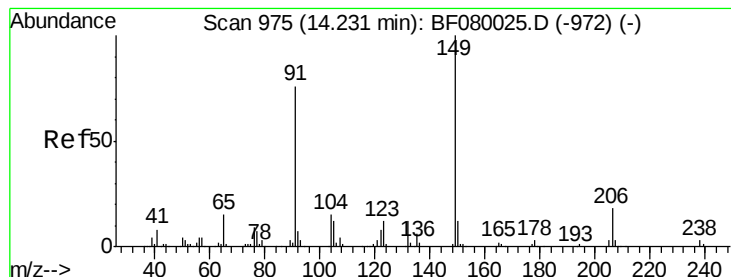
#78
 Terphenyl-d14
 Concen: 85.79 ng
 RT: 13.51 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	15.1	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.61 ng

RT: 14.05 min Scan# 959

Delta R.T. -0.05 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

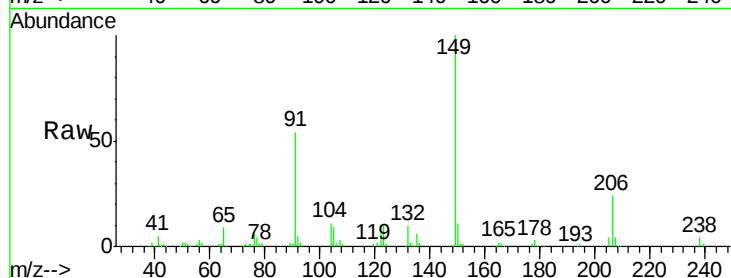
Tgt Ion:149 Resp: 165138

Ion Ratio Lower Upper

149 100

91 54.0 48.6 72.8

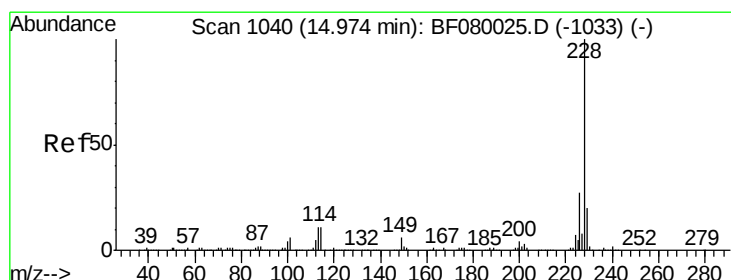
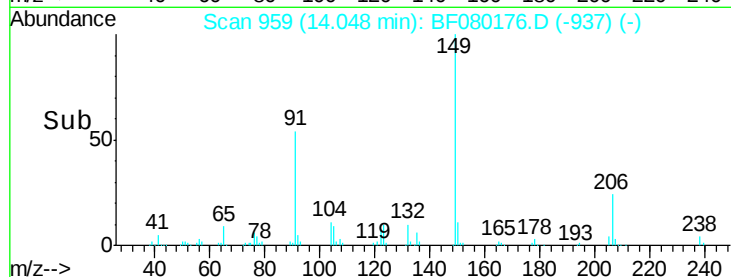
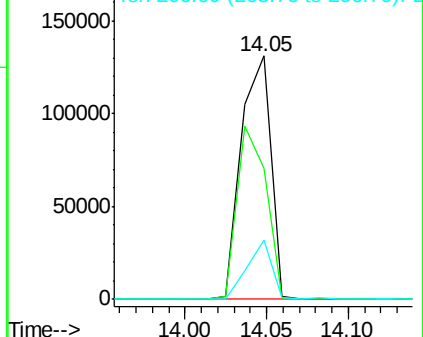
206 24.2 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.09 ng

RT: 14.73 min Scan# 1019

Delta R.T. -0.08 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

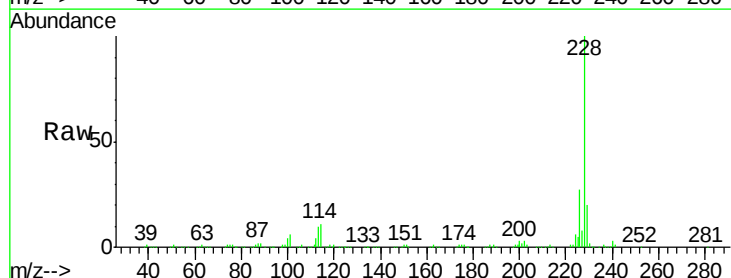
Tgt Ion:228 Resp: 378568

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

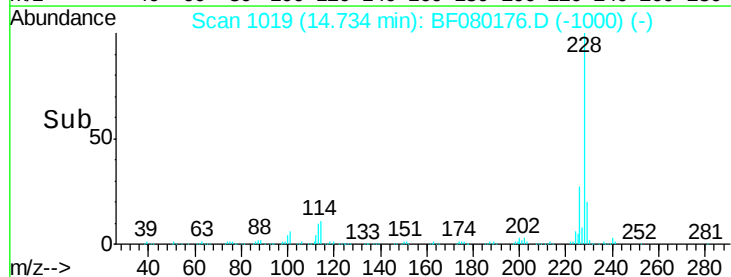
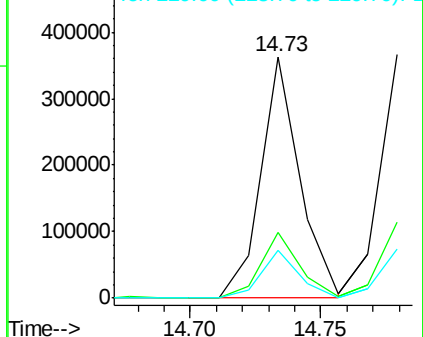
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

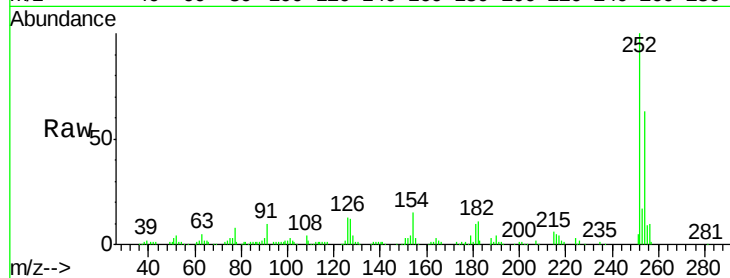




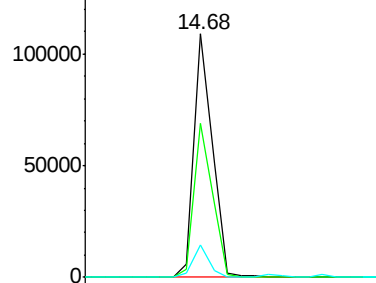
#81
 3,3'-Dichlorobenzidine
 Concen: 41.97 ng
 RT: 14.68 min Scan# 1014
 Delta R.T. -0.08 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415MSD

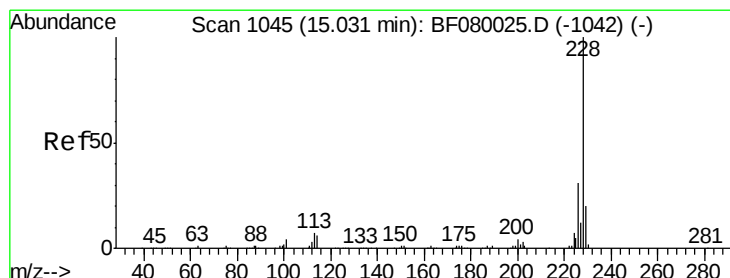
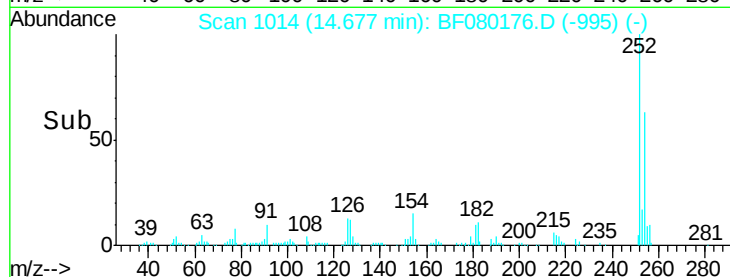
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.2
126	13.1	16.4	24.6#



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

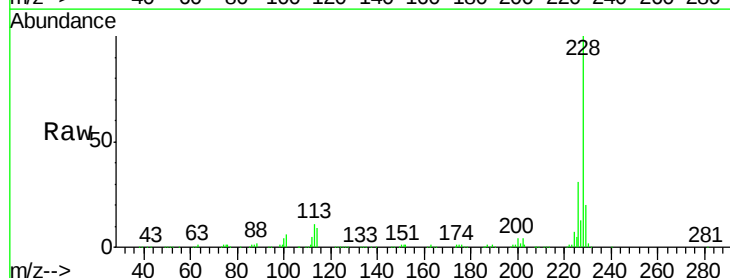


Time--> 14.60 14.70 14.80

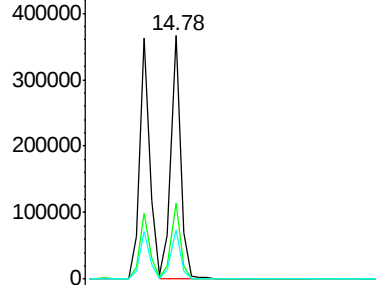


#82
 Chrysene
 Concen: 48.08 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. -0.08 min
 Lab File: BF080176.D
 Acq: 25 Jun 2015 20:07

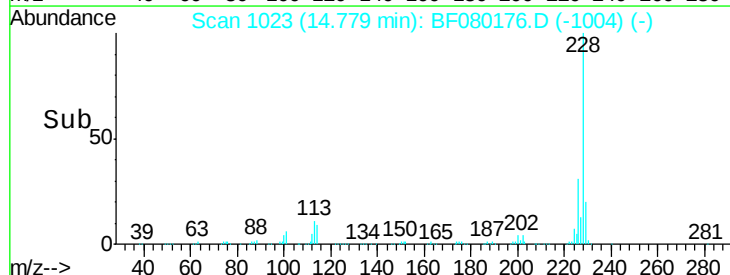
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.4
229	20.1	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 14.70 14.80 14.90 15.00





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.13 ng

RT: 14.71 min Scan# 1017

Delta R.T. -0.08 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

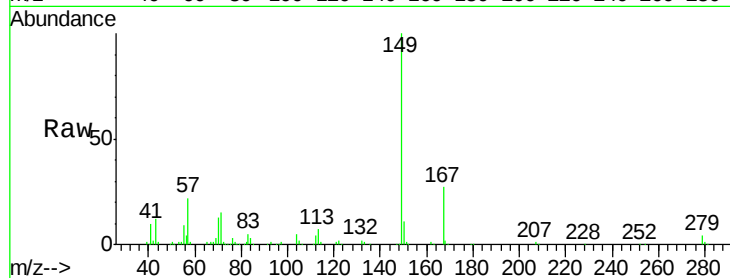
Tgt Ion:149 Resp: 248192

Ion Ratio Lower Upper

149 100

167 27.4 24.2 36.2

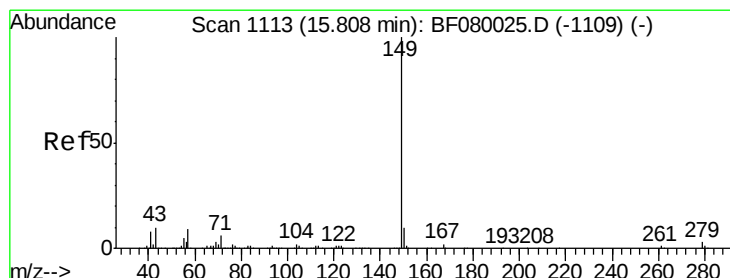
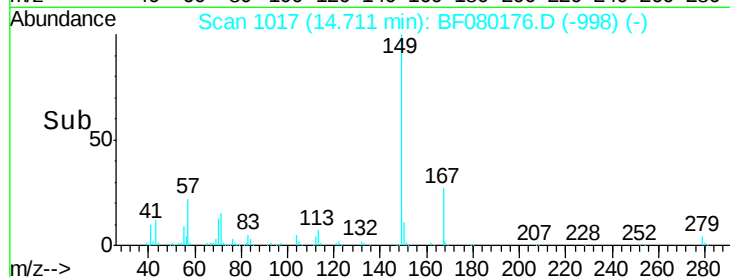
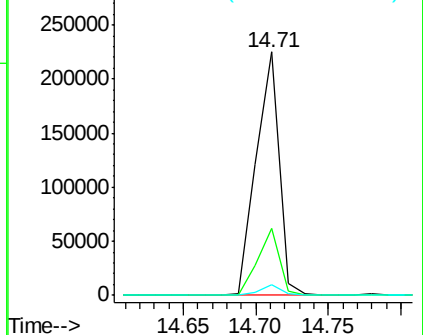
279 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.72 ng

RT: 15.49 min Scan# 1085

Delta R.T. -0.13 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

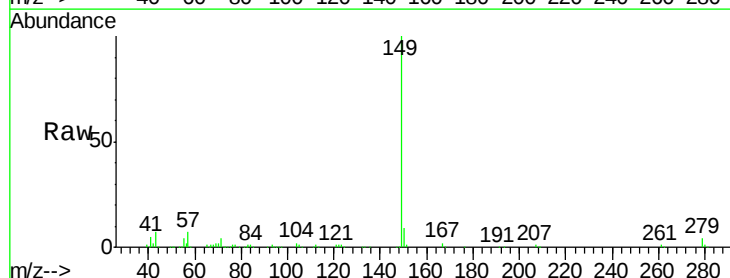
Tgt Ion:149 Resp: 412847

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

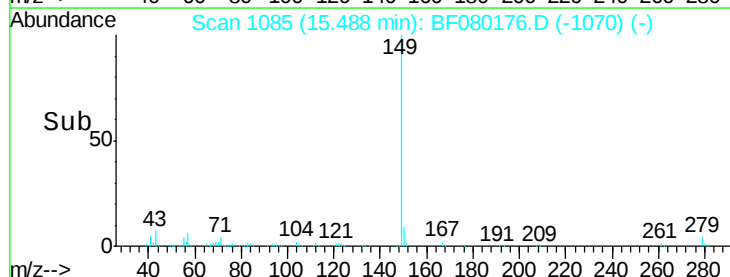
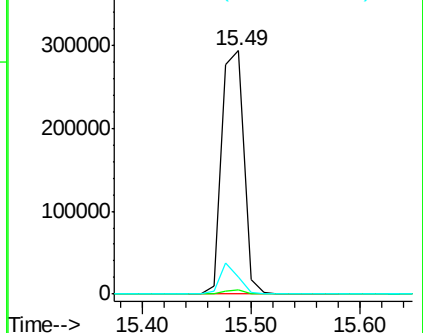
43 10.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.50 ng

RT: 18.39 min Scan# 1339

Delta R.T. -0.16 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

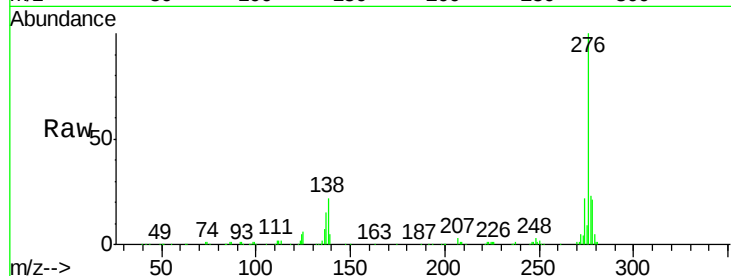
Tgt Ion:276 Resp: 415995

Ion Ratio Lower Upper

276 100

138 26.1 25.7 38.5

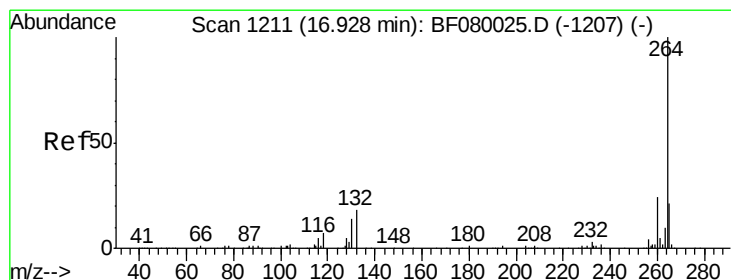
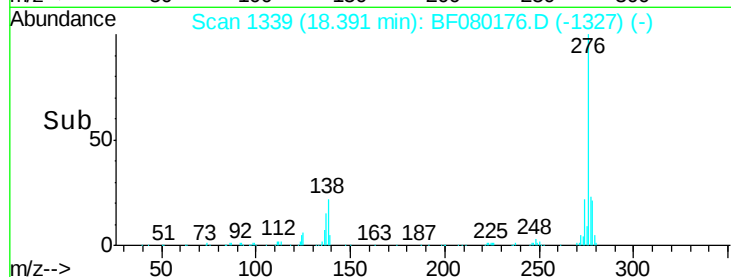
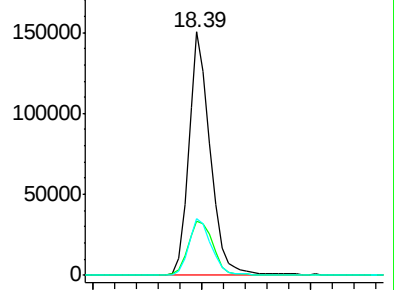
277 24.6 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.57 min Scan# 1180

Delta R.T. -0.14 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

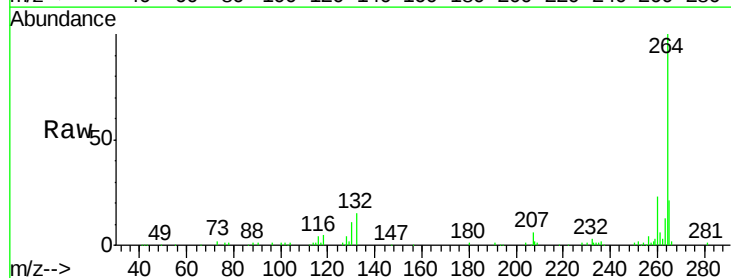
Tgt Ion:264 Resp: 124218

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

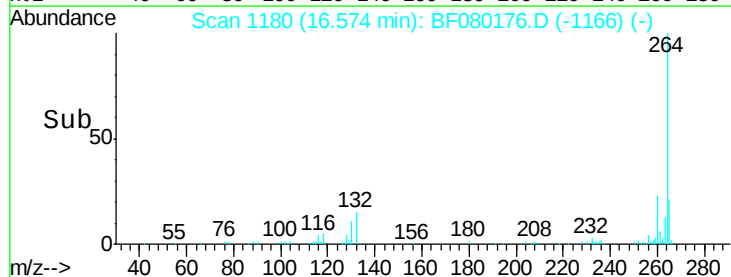
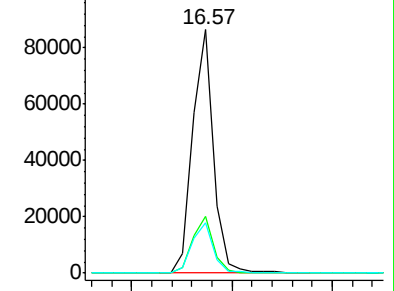
265 20.8 17.2 25.8

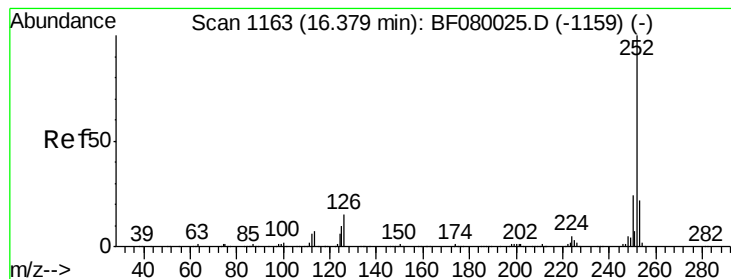


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.96 ng

RT: 16.05 min Scan# 1134

Delta R.T. -0.13 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

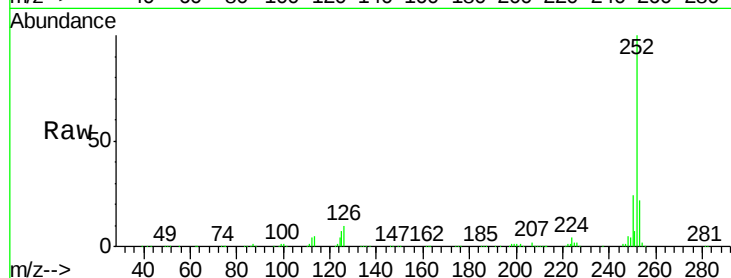
Tgt Ion:252 Resp: 375736

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

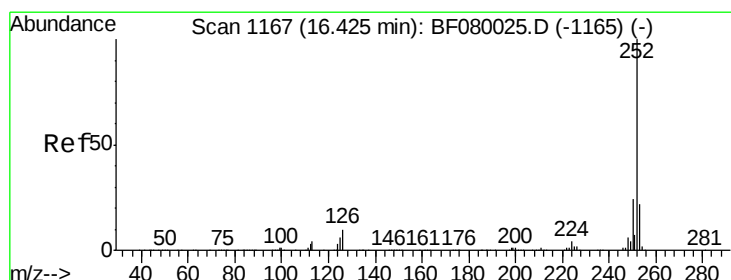
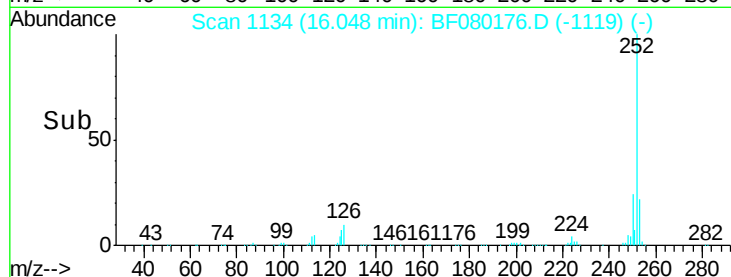
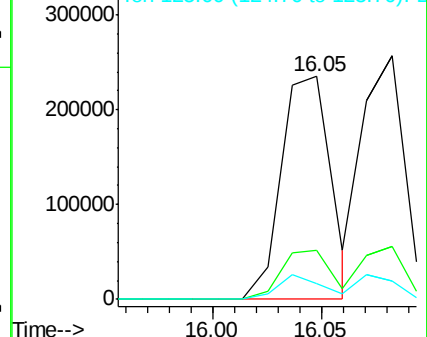
125 7.3 17.1 25.7#



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: 47.58 ng

RT: 16.08 min Scan# 1137

Delta R.T. -0.13 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

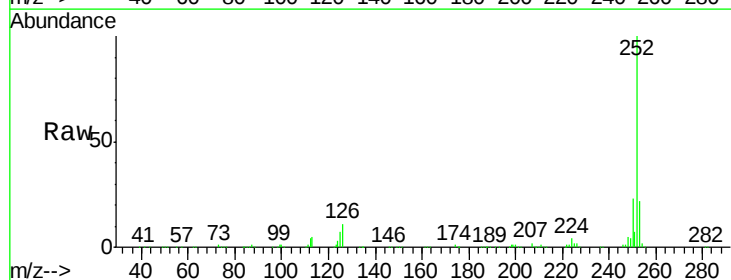
Tgt Ion:252 Resp: 364402

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

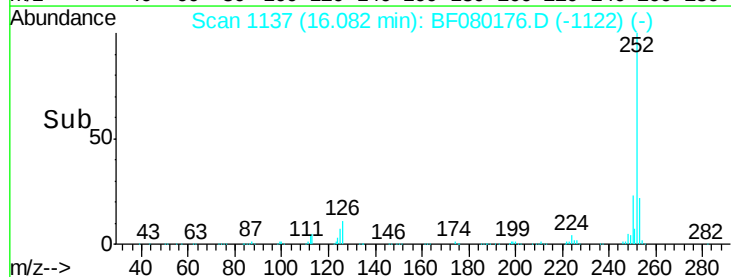
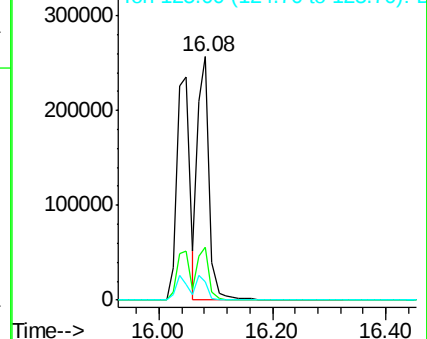
125 7.3 16.0 24.0#

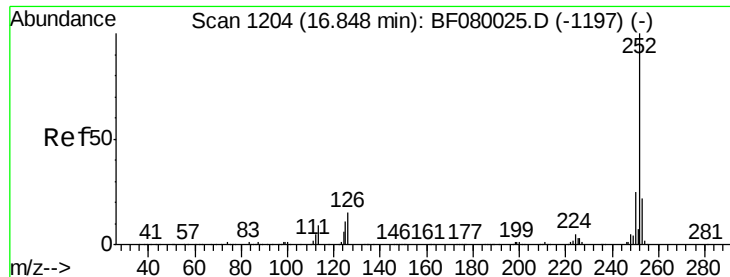


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.11 ng

RT: 16.49 min Scan# 1173

Delta R.T. -0.14 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD

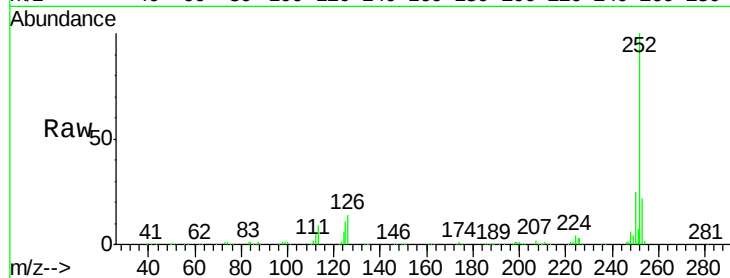
Tgt Ion:252 Resp: 365043

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

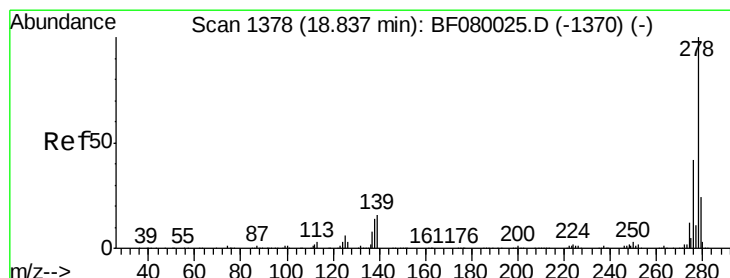
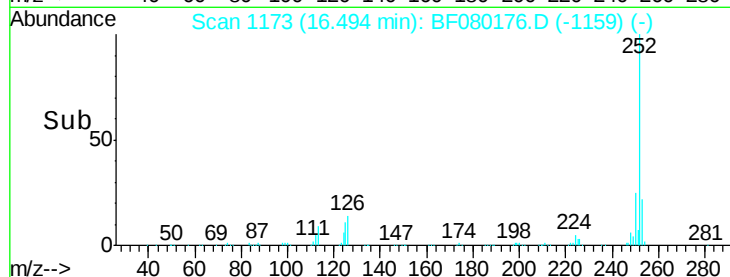
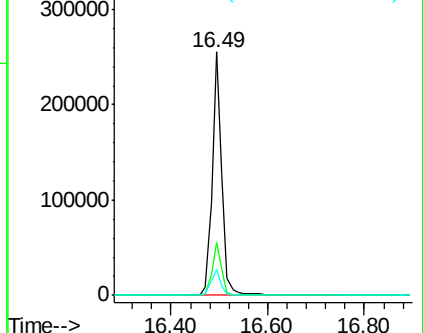
125 10.6 18.0 27.0#



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: 47.64 ng

RT: 18.41 min Scan# 1341

Delta R.T. -0.16 min

Lab File: BF080176.D

Acq: 25 Jun 2015 20:07

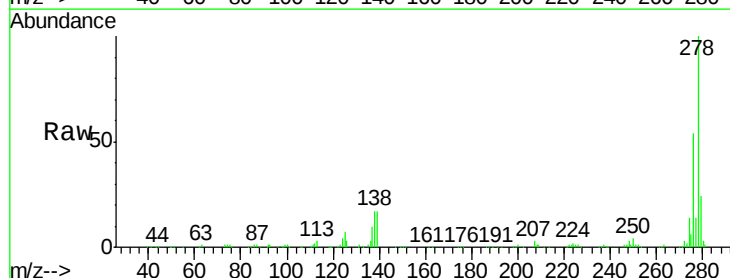
Tgt Ion:278 Resp: 348301

Ion Ratio Lower Upper

278 100

139 17.5 26.3 39.5#

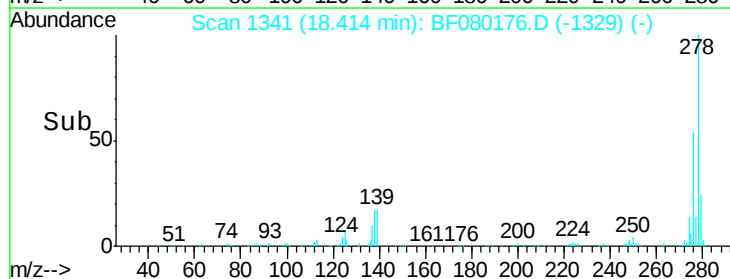
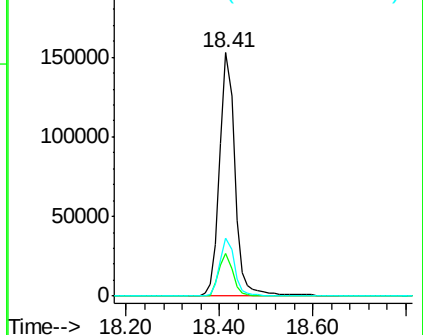
279 23.7 18.2 27.4

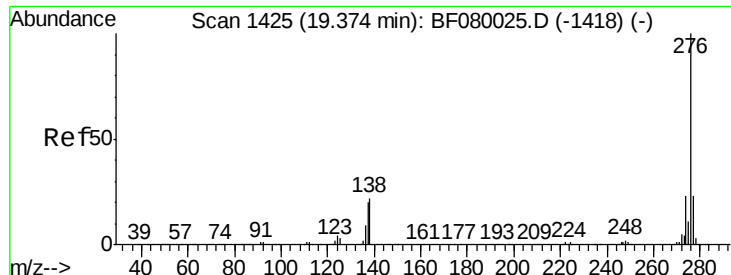


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.52 ng

RT: 18.95 min Scan# 1388

Delta R.T. -0.16 min

Lab File: BF080176.D

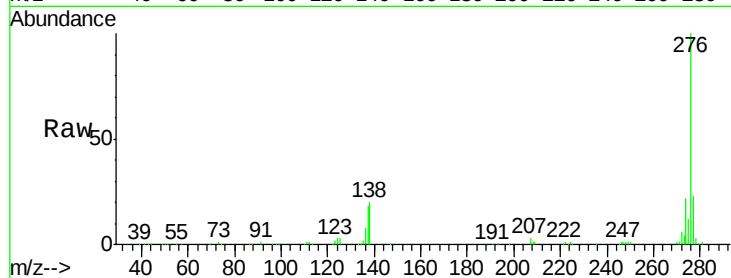
Acq: 25 Jun 2015 20:07

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415MSD



Tgt Ion:	276	Resp:	350744
Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.8	26.6
138	20.3	34.6	51.8#

