

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079671.D
 Acq On : 3 Jun 2015 19:40
 Operator : TP/IZ
 Sample : G2452-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Quant Time: Jun 04 03:34:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	93919	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	358277	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	185155	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	384741	20.00	ng	-0.03
75) Chrysene-d12	15.09	240	407595	20.00	ng	-0.30
86) Perylene-d12	17.06	264	316159	20.00	ng	-0.42

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	576009	111.15	ng	0.00
7) Phenol-d6	7.11	99	703505	103.85	ng	0.00
23) Nitrobenzene-d5	8.07	82	415917	69.24	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	184364	120.65	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	948160	76.90	ng	0.00
78) Terphenyl-d14	13.81	244	1255230	77.72	ng	-0.15

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.61	88	87557	36.55	ng	94
3) Pyridine	4.32	79	198828	28.88	ng	97
4) n-Nitrosodimethylamine	4.24	42	118130	38.49	ng	98
6) Aniline	7.18	93	77237	7.91	ng	97
8) 2-Chlorophenol	7.30	128	255542	42.44	ng	98
9) Benzaldehyde	7.06	77	23886	6.06	ng	97
10) Phenol	7.12	94	272689	37.38	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	240001	41.28	ng	98
12) 1,3-Dichlorobenzene	7.46	146	269411	39.13	ng	99
13) 1,4-Dichlorobenzene	7.54	146	269359	38.26	ng	99
14) 1,2-Dichlorobenzene	7.54	146	269359	42.26	ng	99
15) Benzyl Alcohol	7.63	79	186689	37.65	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	388832	40.11	ng	99
17) 2-Methylphenol	7.74	107	203047	40.85	ng	97
18) Hexachloroethane	8.04	117	86119	37.37	ng	93
19) n-Nitroso-di-n-propylamine	7.91	70	191274	41.09	ng	99
20) 3+4-Methylphenols	7.88	107	261093	39.66	ng	99
22) Acetophenone	7.92	105	345114	41.17	ng	# 97
24) Nitrobenzene	8.09	77	249103	41.49	ng	97
25) Isophorone	8.33	82	497632	40.75	ng	98
26) 2-Nitrophenol	8.41	139	74523	37.58	ng	96
27) 2,4-Dimethylphenol	8.43	122	226648	40.55	ng	98
28) bis(2-Chloroethoxy)methane	8.52	93	284254	40.52	ng	99
29) 2,4-Dichlorophenol	8.65	162	217680	43.67	ng	97
30) 1,2,4-Trichlorobenzene	8.75	180	227755	40.55	ng	98
31) Naphthalene	8.83	128	719473	38.41	ng	99
32) Benzoic acid	8.48	122	63161	41.78	ng	96
33) 4-Chloroaniline	8.83	127	119797	11.76	ng	# 34
34) Hexachlorobutadiene	8.95	225	127544	40.51	ng	96
35) Caprolactam	9.20	113	49989	36.43	ng	# 83
36) 4-Chloro-3-methylphenol	9.32	107	207540	40.79	ng	99
37) 2-Methylnaphthalene	9.53	142	517020	41.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	239451	40.30	ng	99
40) Hexachlorocyclopentadiene	9.69	237	236742	83.57	ng	100

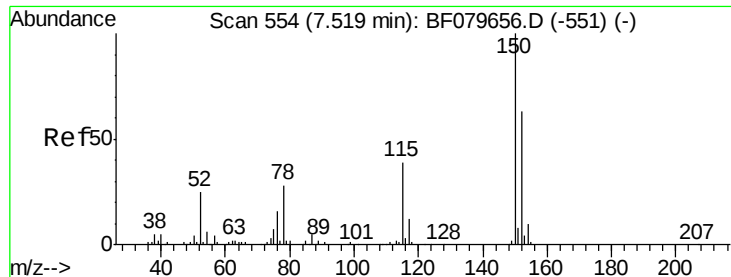
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
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 Operator : TP/IZ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	135141	41.82	ng	97
43) 2,4,5-Trichlorophenol	9.84	196	167214	46.71	ng	98
45) 1,1'-Biphenyl	9.99	154	585533	41.01	ng	95
46) 2-Chloronaphthalene	10.02	162	452607	40.46	ng	# 89
47) 2-Nitroaniline	10.10	65	100453	43.61	ng	89
48) Acenaphthylene	10.44	152	747733	40.32	ng	99
49) Dimethylphthalate	10.27	163	580284	42.77	ng	99
50) 2,6-Dinitrotoluene	10.34	165	104838	48.65	ng	87
51) Acenaphthene	10.63	154	474483	42.22	ng	99
52) 3-Nitroaniline	10.51	138	12705	4.78	ng	85
53) 2,4-Dinitrophenol	10.62	184	54566	89.04	ng	83
54) Dibenzofuran	10.80	168	706576	43.32	ng	97
55) 4-Nitrophenol	10.65	139	191501	89.31	ng	85
56) 2,4-Dinitrotoluene	10.75	165	131581	48.16	ng	91
57) Fluorene	11.14	166	568428	42.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	124861	50.33	ng	99
59) Diethylphthalate	10.98	149	580000	44.52	ng	97
60) 4-Chlorophenyl-phenylether	11.12	204	253928	42.21	ng	# 84
61) 4-Nitroaniline	11.13	138	75457	28.77	ng	87
62) Azobenzene	11.28	77	496474	40.76	ng	91
64) 4,6-Dinitro-2-methylphenol	11.16	198	38835	36.96	ng	# 71
65) n-Nitrosodiphenylamine	11.23	169	382091	31.63	ng	99
66) 4-Bromophenyl-phenylether	11.62	248	165193	42.79	ng	# 89
67) Hexachlorobenzene	11.70	284	173167	38.17	ng	# 67
68) Atrazine	11.75	200	57985	18.74	ng	95
69) Pentachlorophenol	11.90	266	177141	106.60	ng	98
70) Phenanthrene	12.13	178	827999	38.93	ng	100
71) Anthracene	12.18	178	897238	41.92	ng	100
72) Carbazole	12.33	167	560814	28.54	ng	97
73) Di-n-butylphthalate	14.34	149	371484	45.57	ng	99
74) Fluoranthene	13.41	202	945487	41.22	ng	91
76) Benzidine	13.52	184	19549	2.11	ng	97
77) Pyrene	13.41	202	945487	40.29	ng	97
79) Butylbenzylphthalate	14.34	149	371484	46.22	ng	98
80) Benzo(a)anthracene	15.07	228	930334	41.74	ng	100
82) Chrysene	15.12	228	909387	40.55	ng	100
83) Bis(2-ethylhexyl)phthalate	15.04	149	583098	43.89	ng	99
84) Di-n-octyl phthalate	15.85	149	952116	48.03	ng	98
85) Indeno(1,2,3-cd)pyrene	19.09	276	971441	44.30	ng	99
87) Benzo(b)fluoranthene	16.51	252	912461	55.85	ng	99
88) Benzo(k)fluoranthene	16.51	252	918010	47.96	ng	99
89) Benzo(a)pyrene	16.97	252	821781	51.44	ng	99
90) Dibenzo(a,h)anthracene	19.11	278	814527	54.42	ng	99
91) Benzo(g,h,i)perylene	19.70	276	799599	50.36	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

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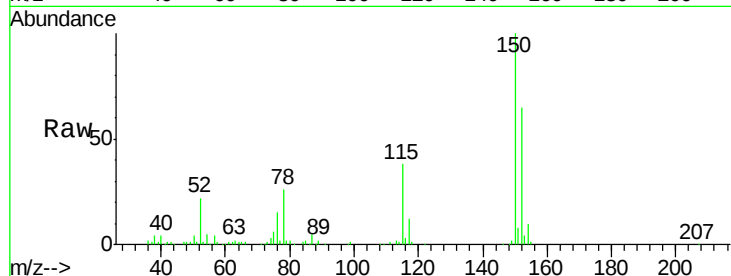
Tgt Ion:152 Resp: 93919

Ion Ratio Lower Upper

152 100

150 152.9 126.7 190.1

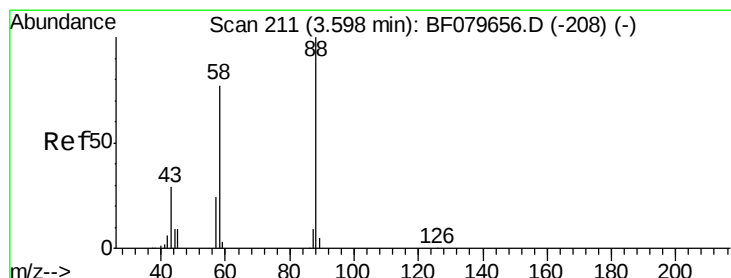
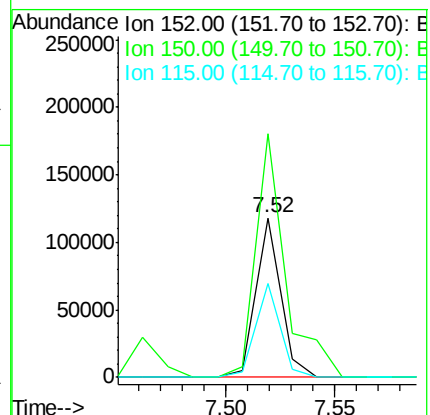
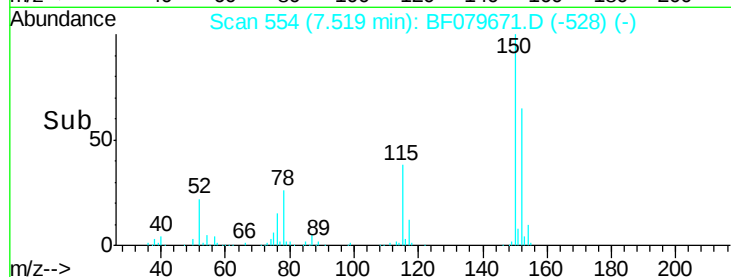
115 58.5 49.2 73.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.55 ng

RT: 3.61 min Scan# 212

Delta R.T. 0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

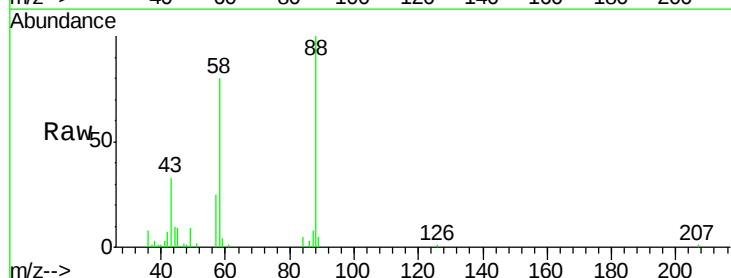
Tgt Ion: 88 Resp: 87557

Ion Ratio Lower Upper

88 100

58 73.5 64.2 96.2

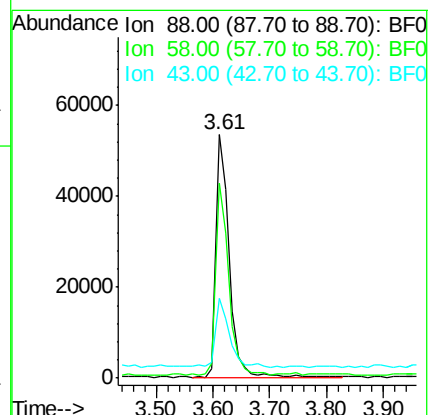
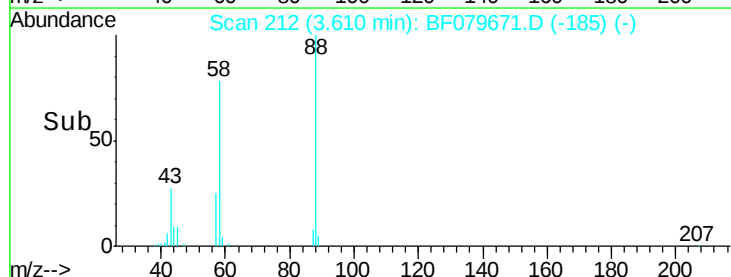
43 29.6 24.4 36.6

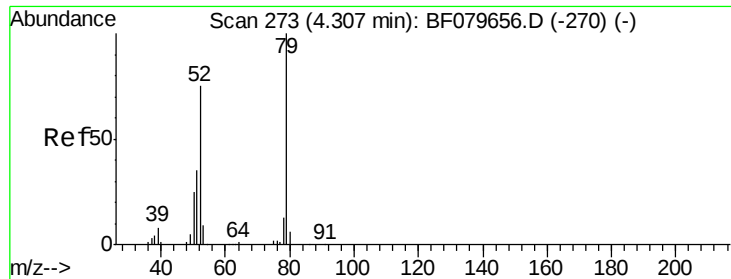


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.88 ng

RT: 4.32 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

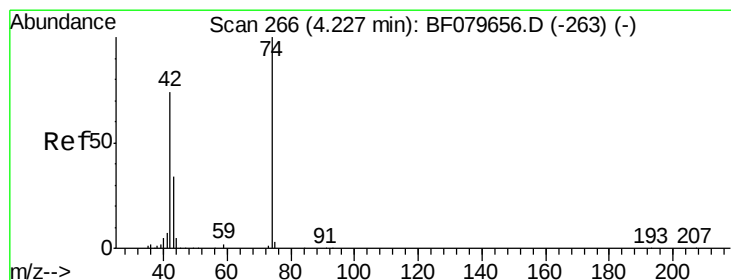
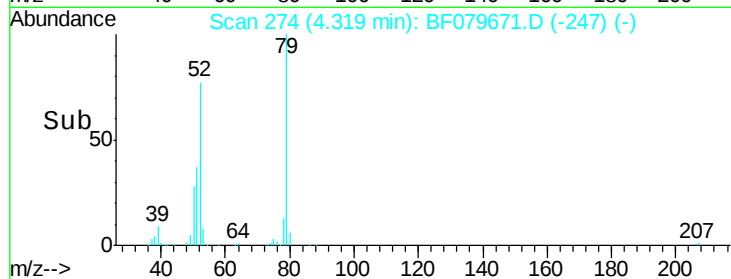
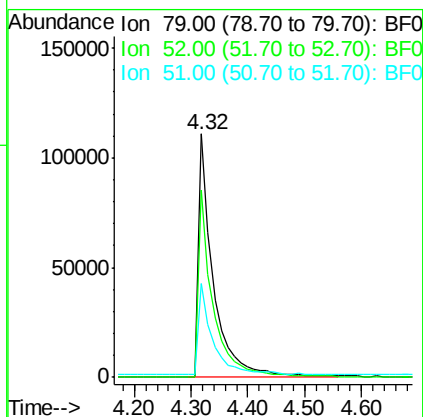
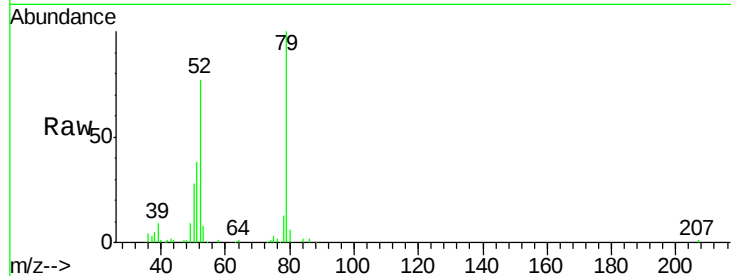
Tgt Ion: 79 Resp: 198828

Ion Ratio Lower Upper

79 100

52 77.1 60.1 90.1

51 38.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 38.49 ng

RT: 4.24 min Scan# 267

Delta R.T. 0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

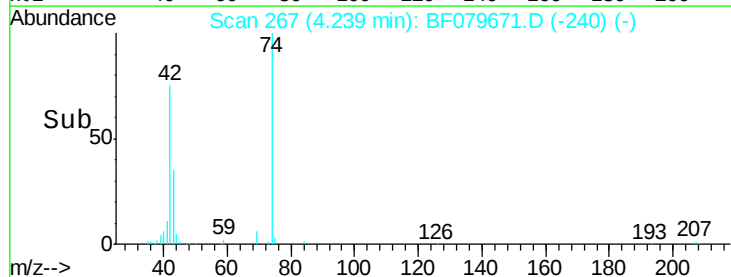
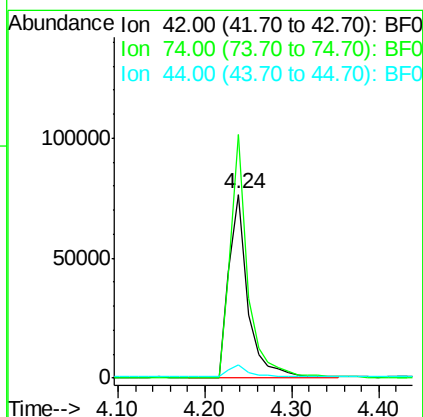
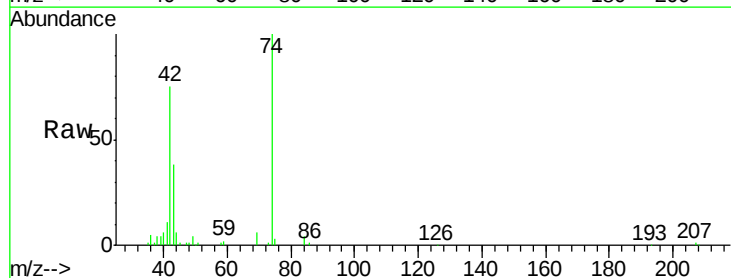
Tgt Ion: 42 Resp: 118130

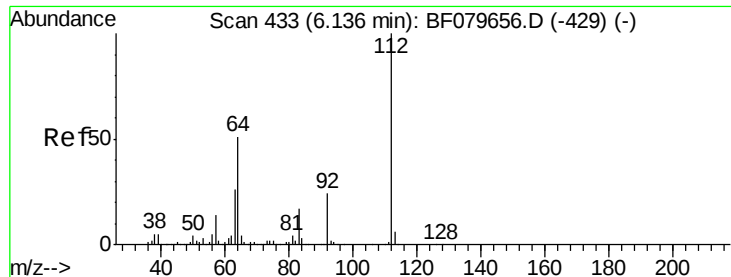
Ion Ratio Lower Upper

42 100

74 132.5 107.5 161.3

44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 111.15 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

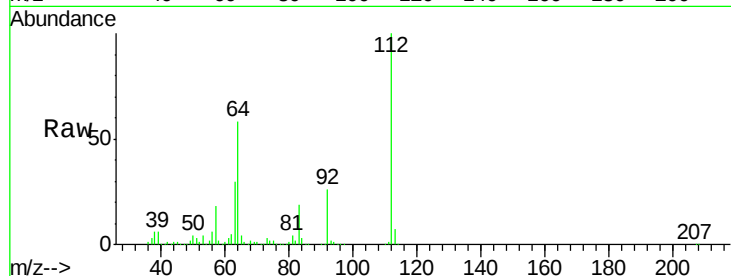
Tgt Ion: 112 Resp: 576009

Ion Ratio Lower Upper

112 100

64 58.4 41.1 61.7

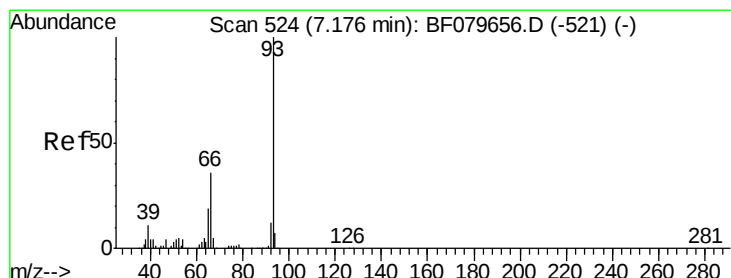
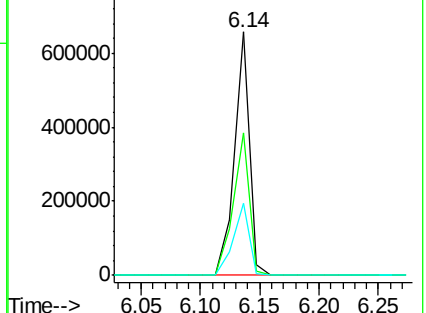
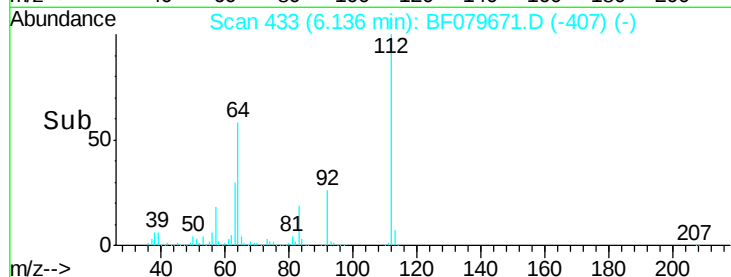
63 29.8 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.91 ng

RT: 7.18 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

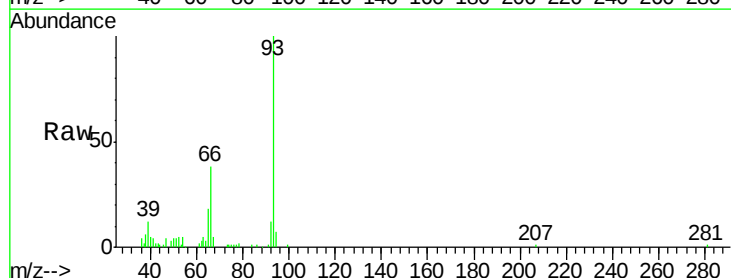
Tgt Ion: 93 Resp: 77237

Ion Ratio Lower Upper

93 100

66 37.9 28.5 42.7

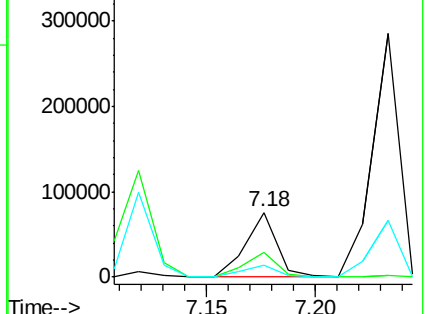
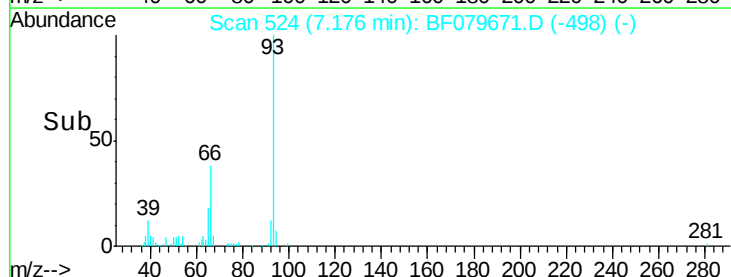
65 18.5 15.0 22.6

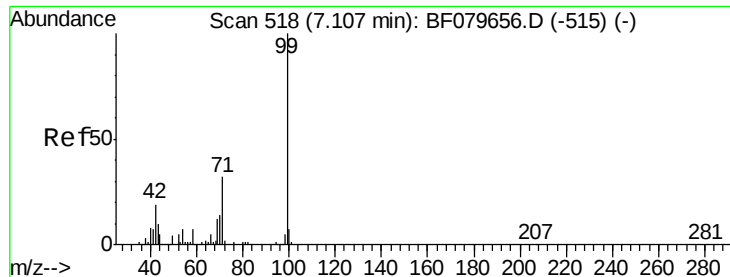


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.85 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079671.D

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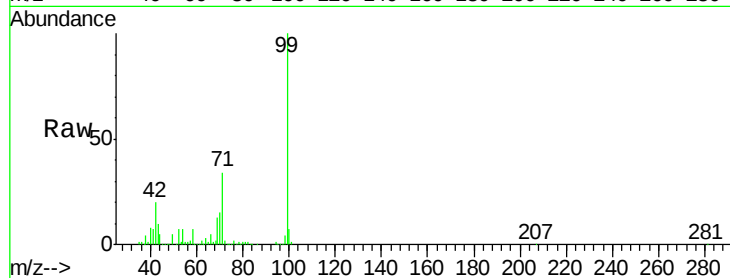
Tgt Ion: 99 Resp: 703505

Ion Ratio Lower Upper

99 100

42 19.5 15.2 22.8

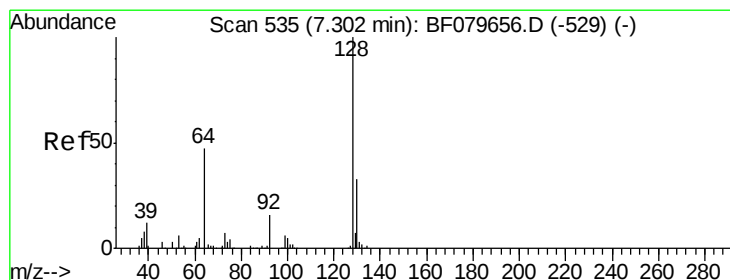
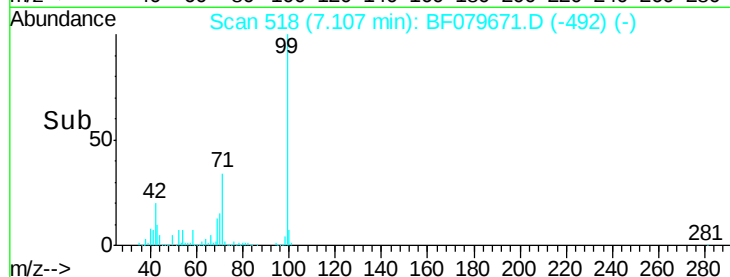
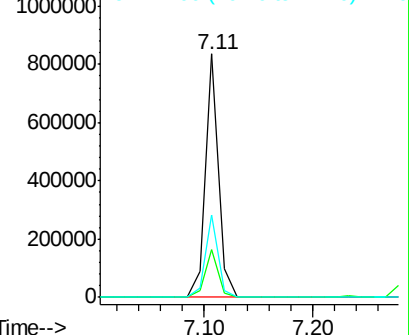
71 33.6 25.9 38.9



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: 42.44 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

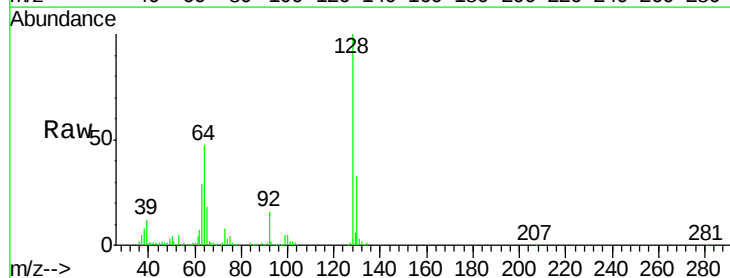
Tgt Ion: 128 Resp: 255542

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

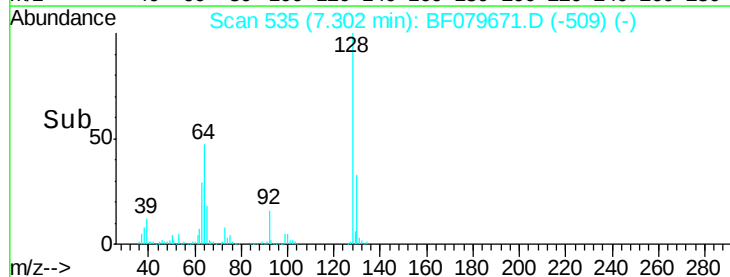
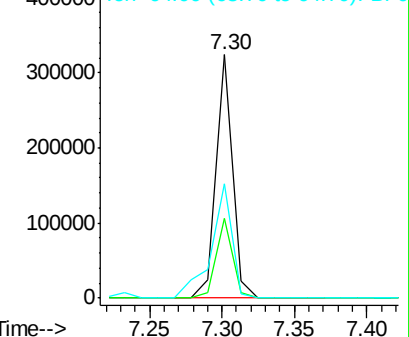
64 47.0 29.0 69.0

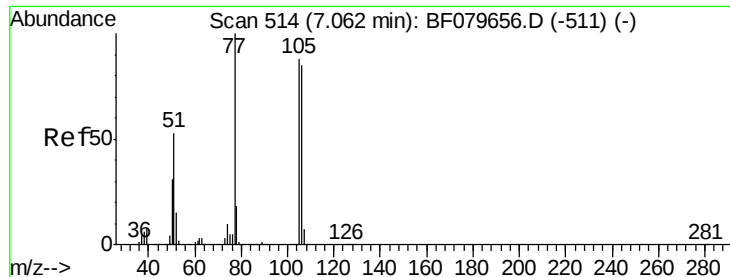


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.06 ng

RT: 7.06 min Scan# 514

Delta R.T. 0.00 min

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Acq: 3 Jun 2015 19:40

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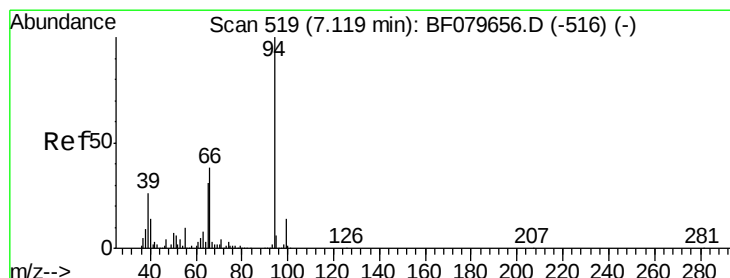
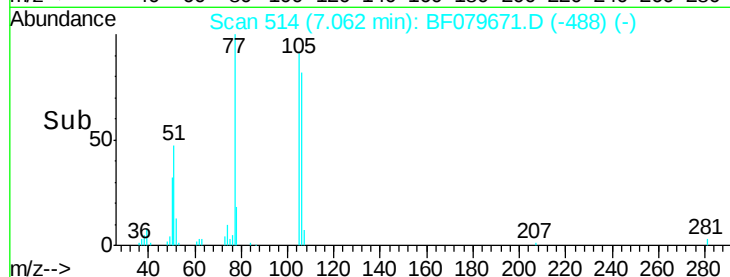
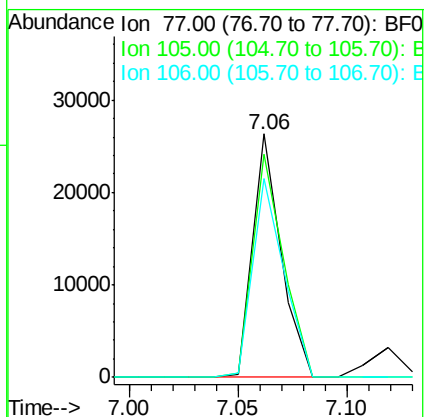
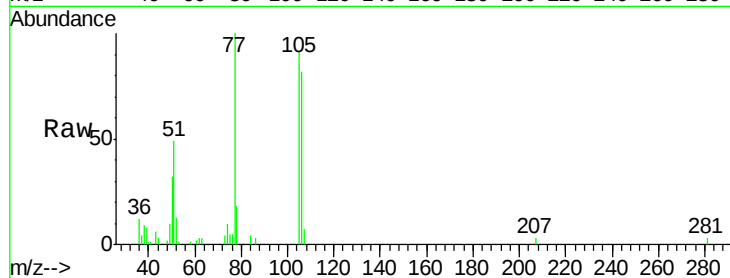
Tgt Ion: 77 Resp: 23886

Ion Ratio Lower Upper

77 100

105 91.5 68.2 108.2

106 81.9 64.9 104.9



#10

Phenol

Concen: 37.38 ng

RT: 7.12 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

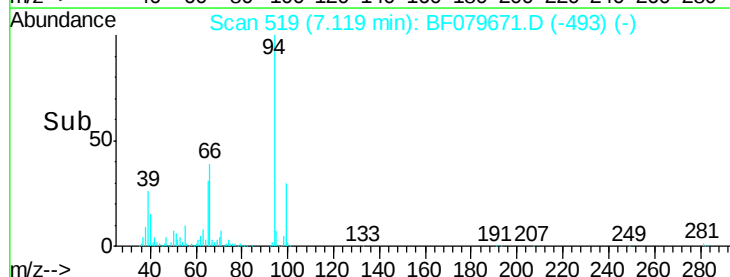
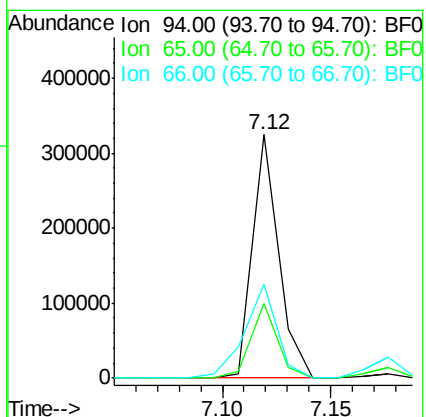
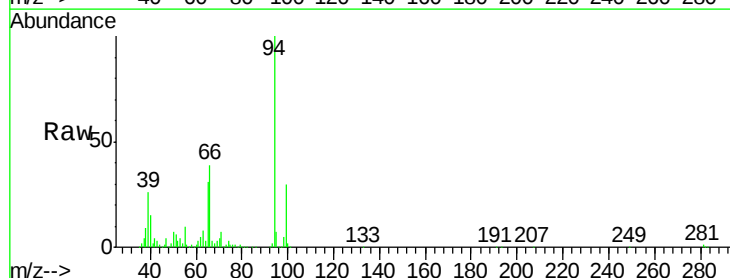
Tgt Ion: 94 Resp: 272689

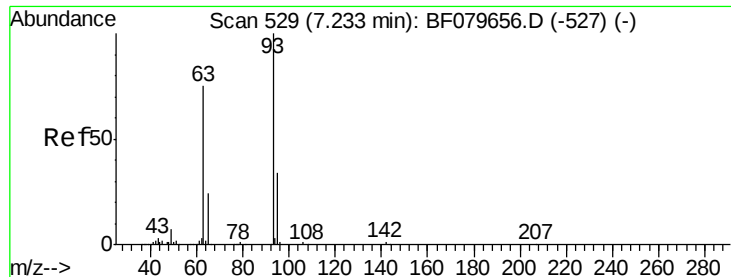
Ion Ratio Lower Upper

94 100

65 30.5 10.9 50.9

66 38.7 18.1 58.1

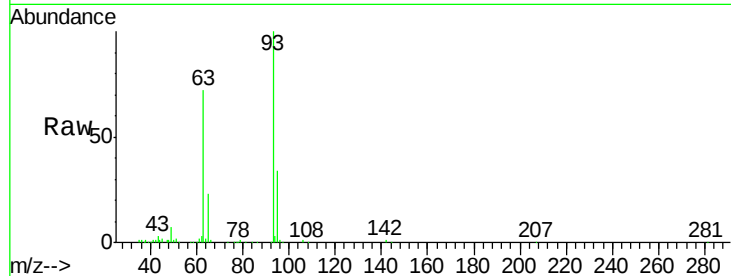




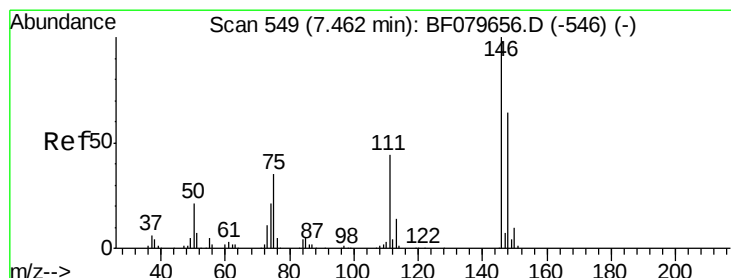
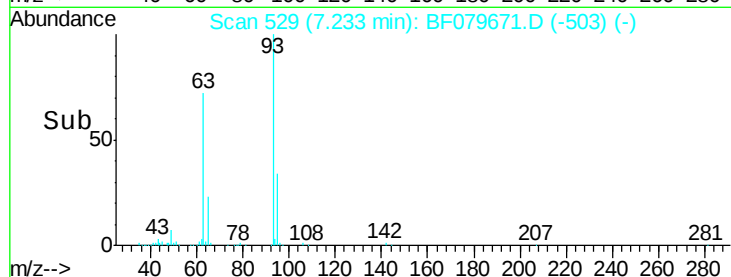
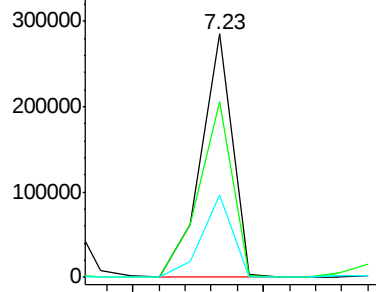
#11
bis(2-Chloroethyl)ether
Concen: 41.28 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion: 93 Resp: 240001
Ion Ratio Lower Upper
93 100
63 72.2 54.7 94.7
95 33.8 13.5 53.5

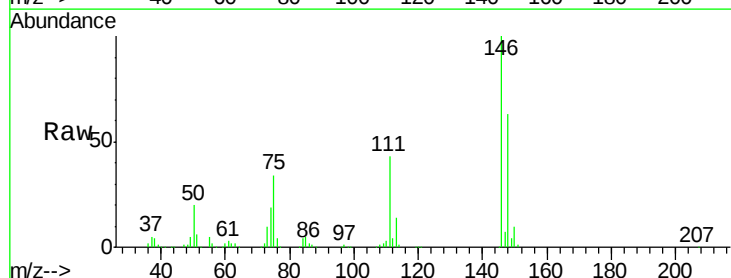


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

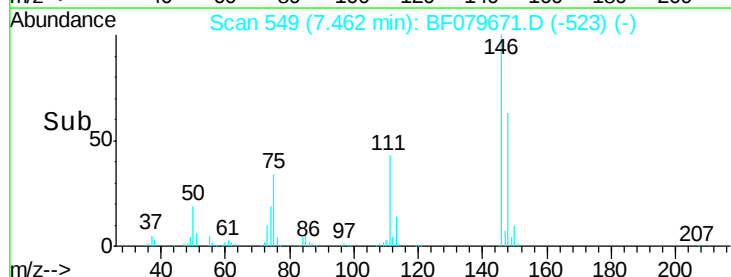
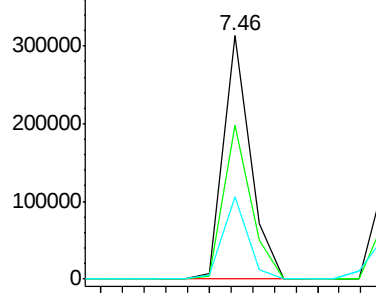


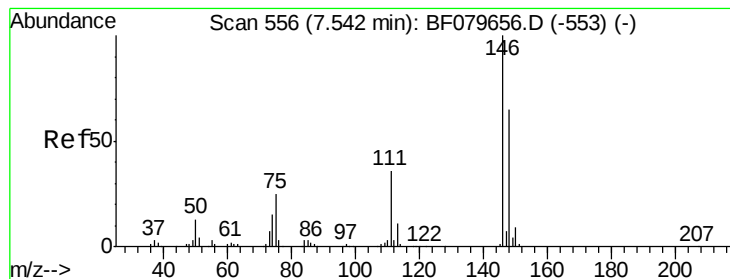
#12
1,3-Dichlorobenzene
Concen: 39.13 ng
RT: 7.46 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion: 146 Resp: 269411
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
75 34.0 28.2 42.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

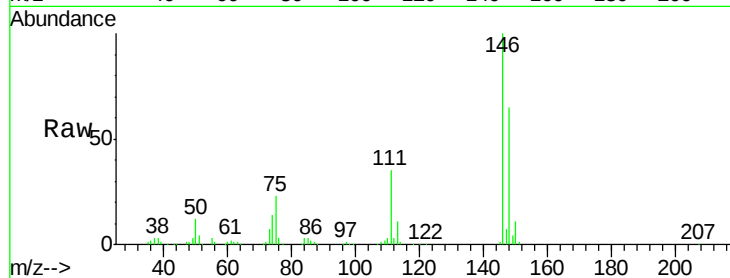
Tgt Ion:146 Resp: 269359

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

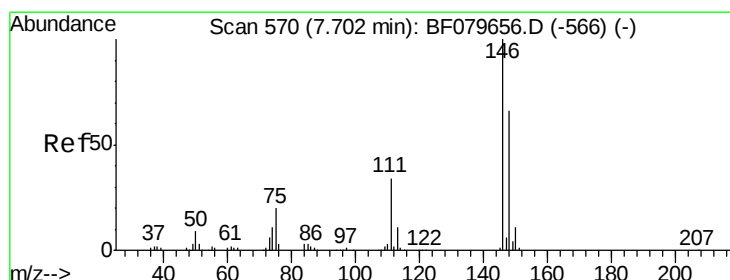
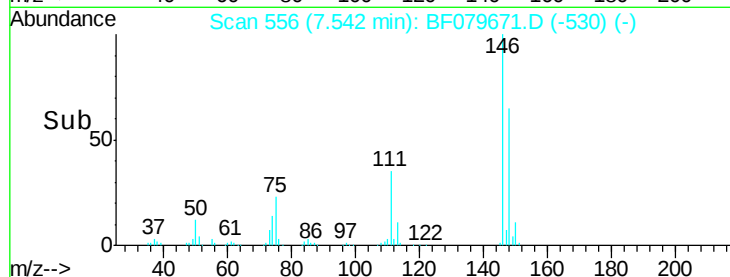
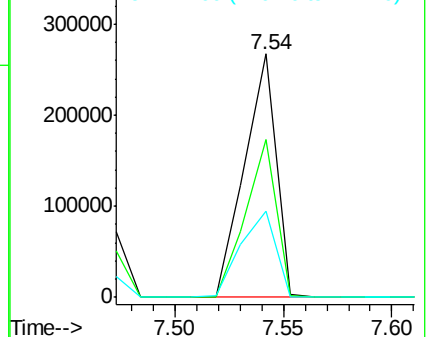
111 35.2 29.1 43.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.26 ng

RT: 7.54 min Scan# 556

Delta R.T. -0.16 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

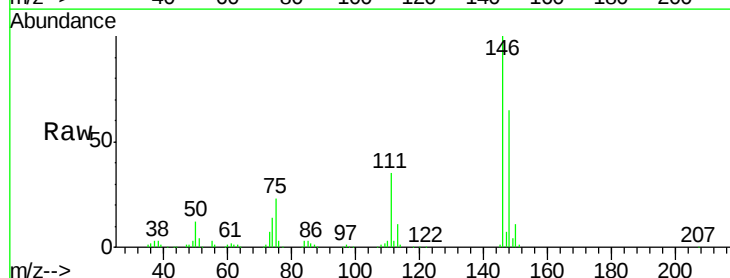
Tgt Ion:146 Resp: 269359

Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

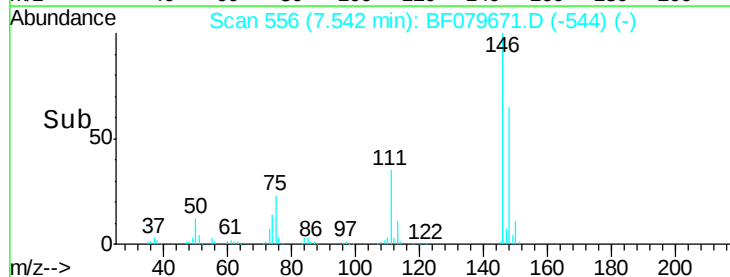
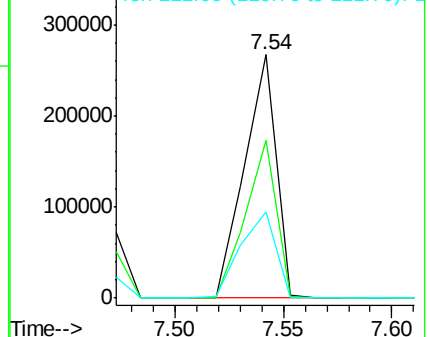
111 35.2 27.3 40.9

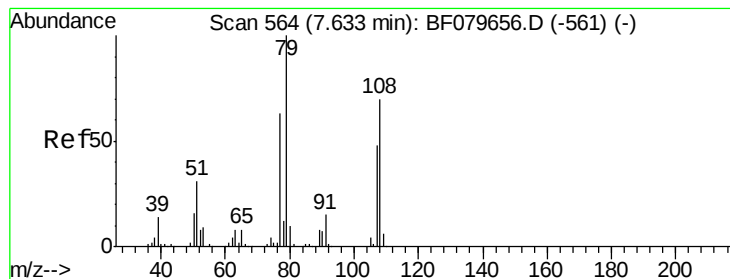


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.65 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

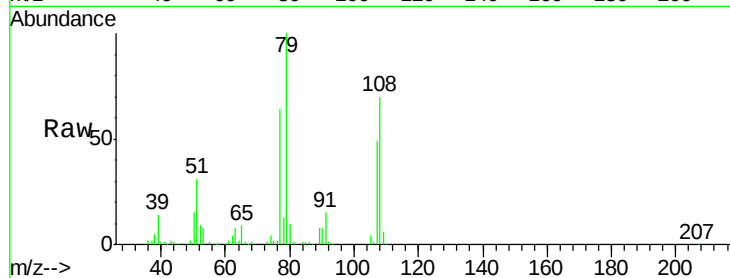
Tgt Ion: 79 Resp: 186689

Ion Ratio Lower Upper

79 100

108 69.7 56.2 84.4

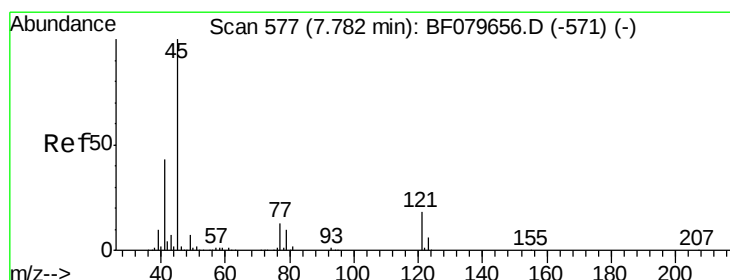
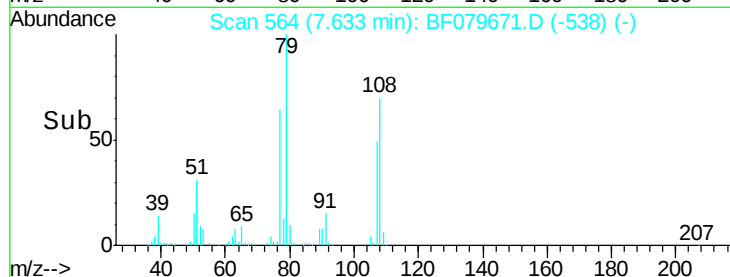
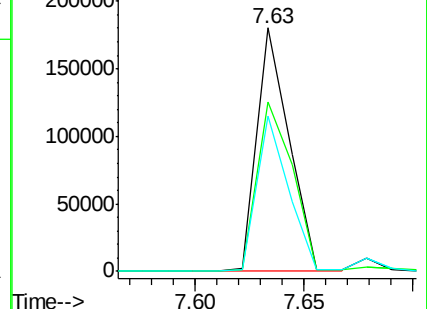
77 63.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.11 ng

RT: 7.78 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

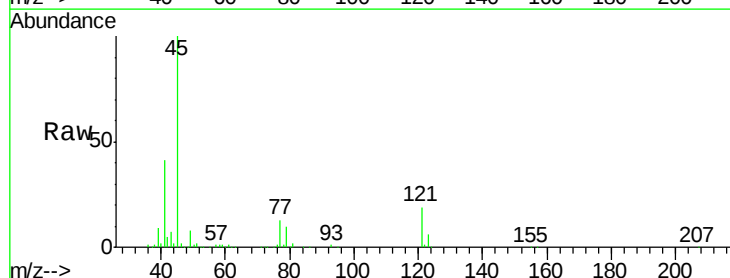
Tgt Ion: 45 Resp: 388832

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.9

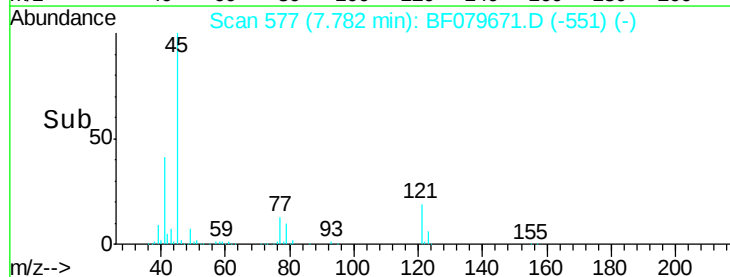
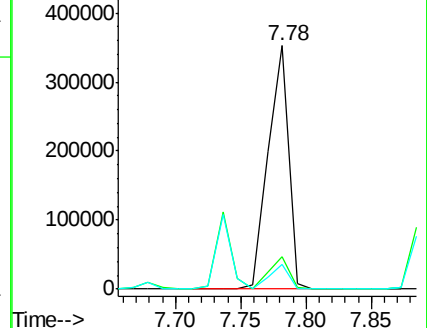
79 10.3 0.0 29.8

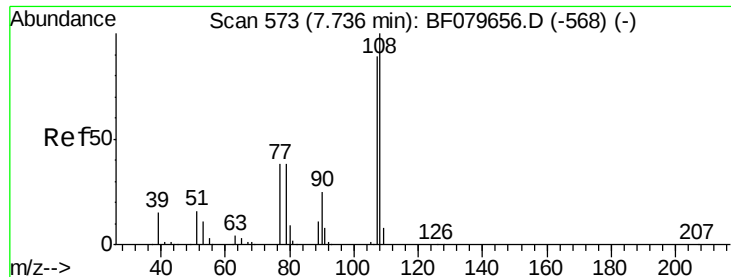


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

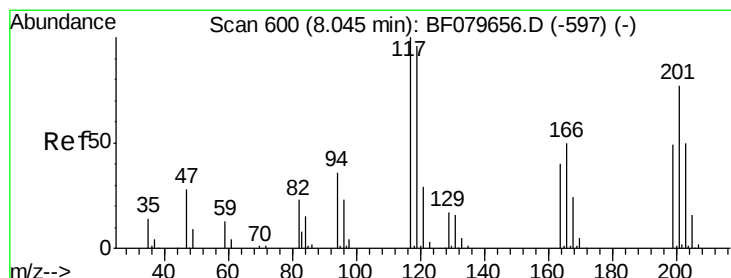
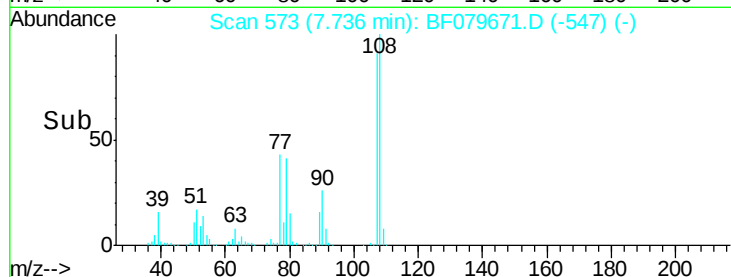
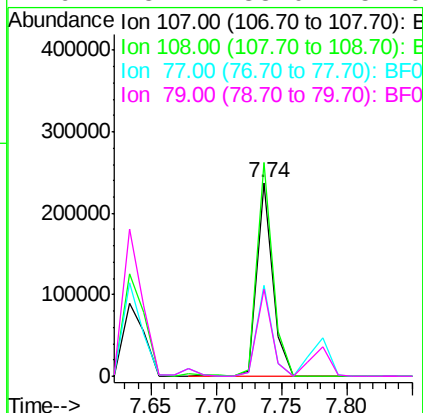
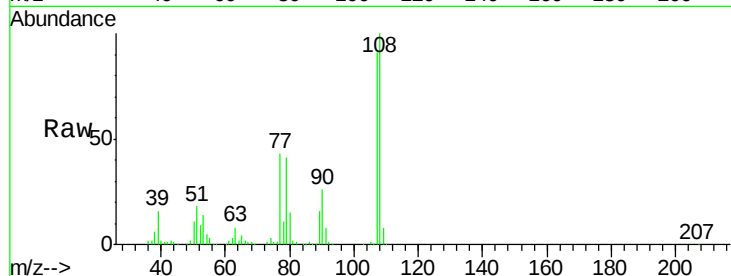




#17
 2-Methylphenol
 Concen: 40.85 ng
 RT: 7.74 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

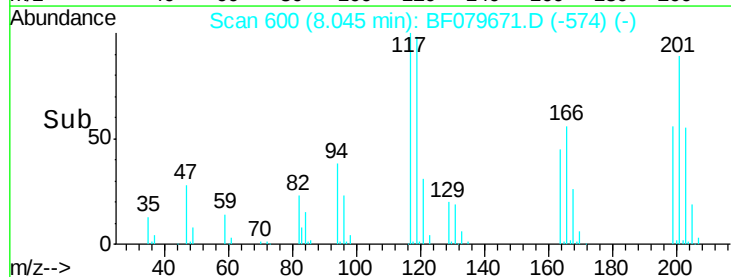
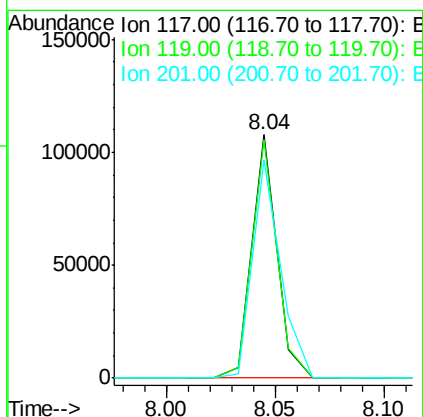
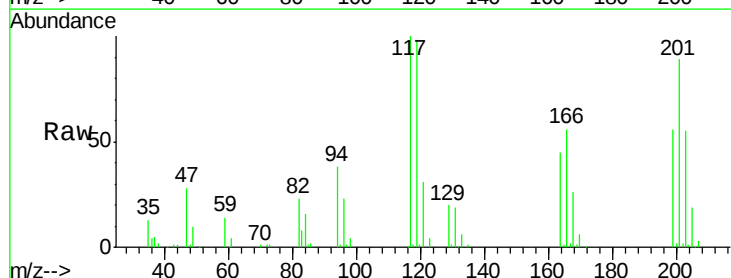
Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

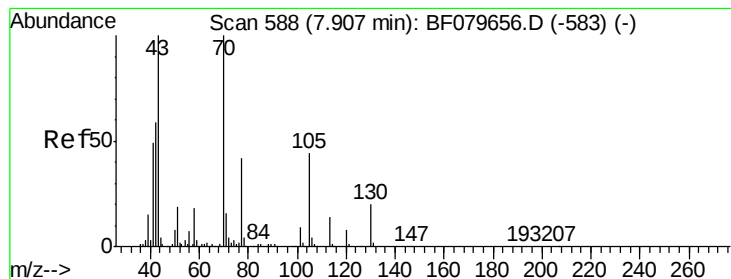
Tgt Ion:	107	Resp:	203047
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.9	136.3
77	47.0	38.6	57.8
79	45.2	38.0	57.0



#18
 Hexachloroethane
 Concen: 37.37 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:	117	Resp:	86119
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	89.4	61.7	92.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.09 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

Tgt Ion: 70 Resp: 191274

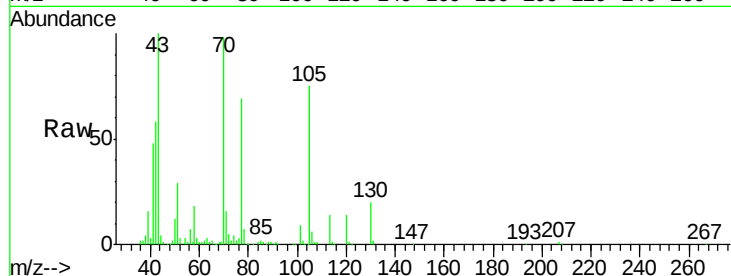
Ion Ratio Lower Upper

70 100

42 59.1 47.7 71.5

101 9.5 7.4 11.0

130 20.0 15.8 23.8

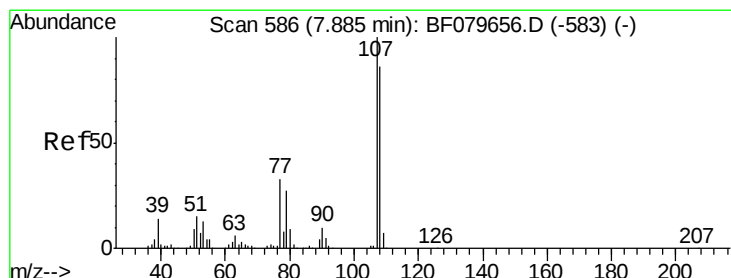
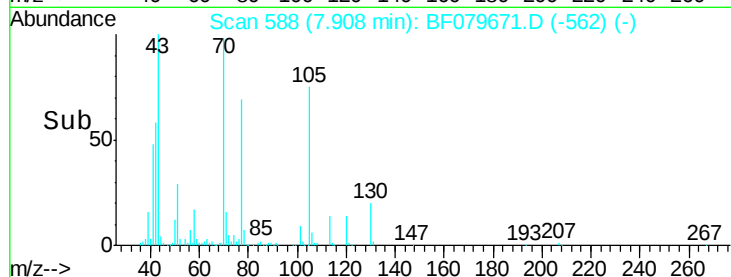
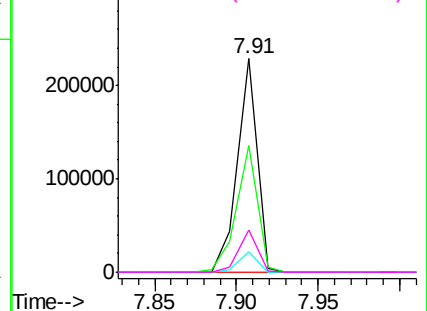


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.66 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Tgt Ion: 107 Resp: 261093

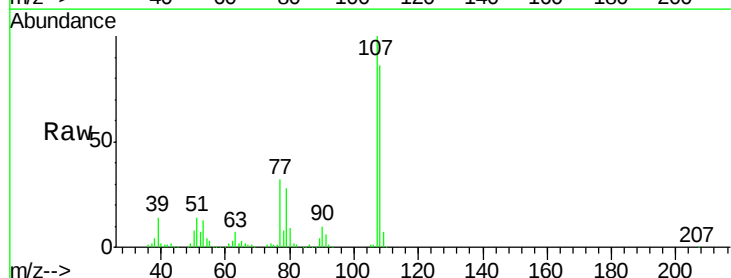
Ion Ratio Lower Upper

107 100

108 86.5 66.2 106.2

77 32.3 12.9 52.9

79 27.8 7.3 47.3

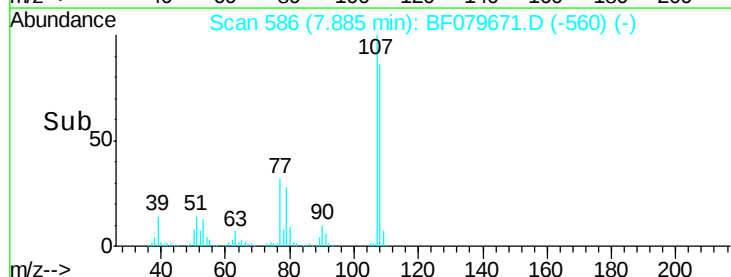
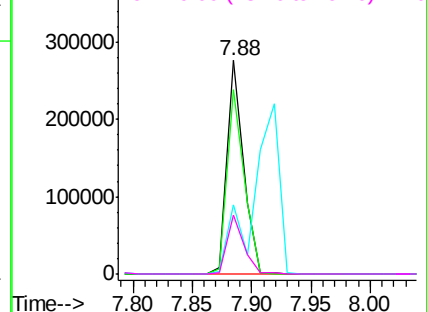


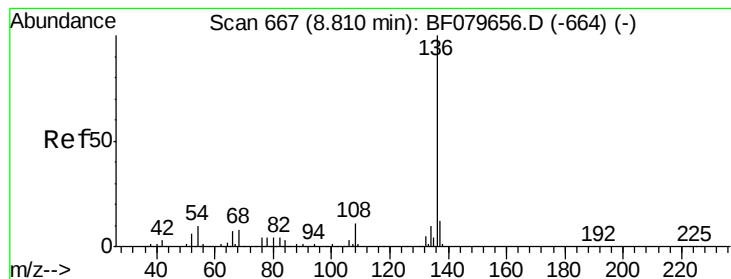
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

Tgt Ion:136 Resp: 358277

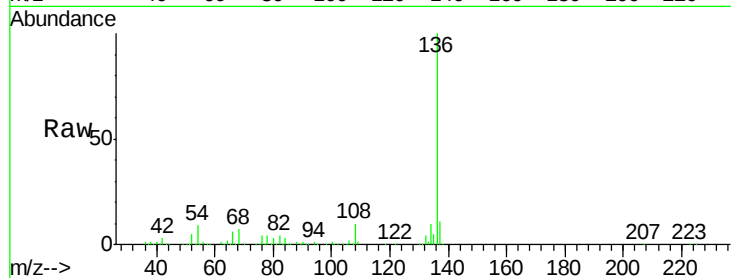
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 9.4 8.3 12.5

68 7.3 6.1 9.1

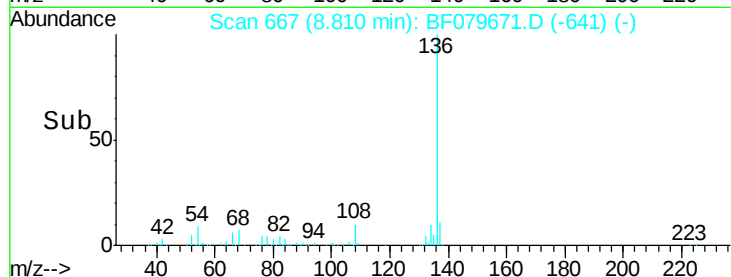


Abundance Ion 136.00 (135.70 to 136.70): E

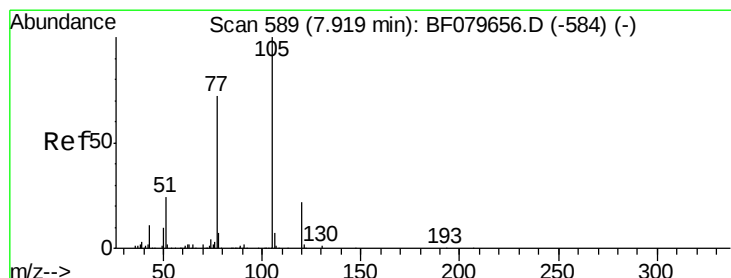
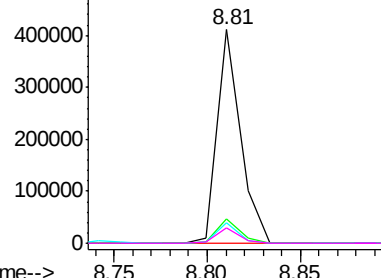
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.17 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Tgt Ion:105 Resp: 345114

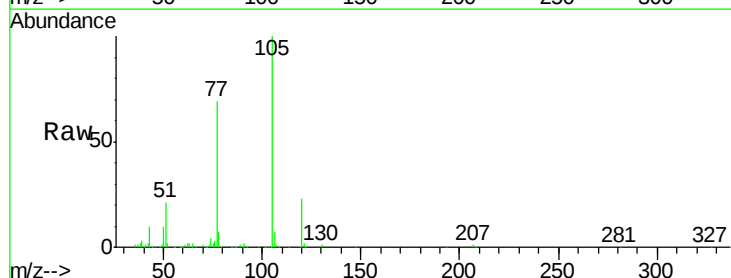
Ion Ratio Lower Upper

105 100

71 0.2 0.2 0.4#

51 21.5 19.2 28.8

120 22.7 17.6 26.4

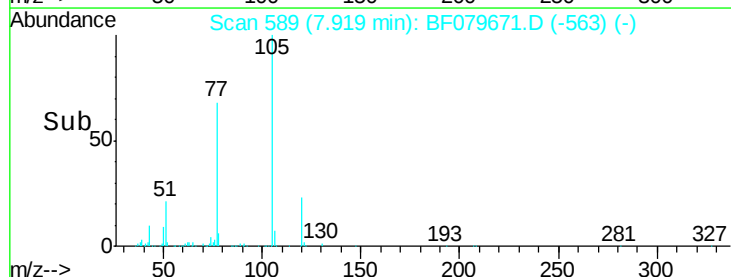


Abundance Ion 105.00 (104.70 to 105.70): E

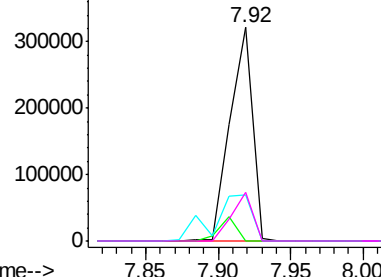
Ion 71.00 (70.70 to 71.70): BF0

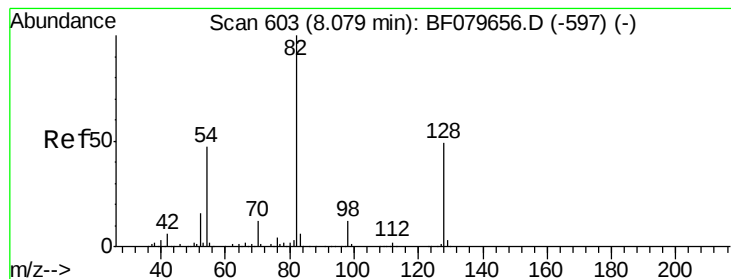
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 69.24 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

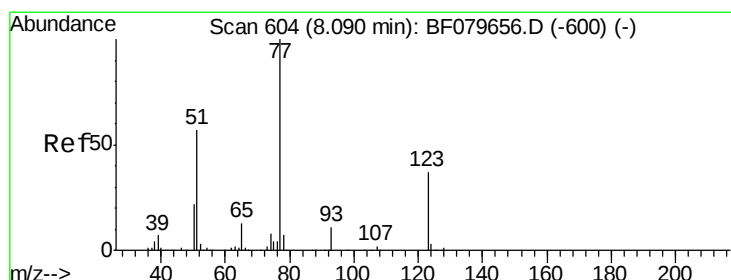
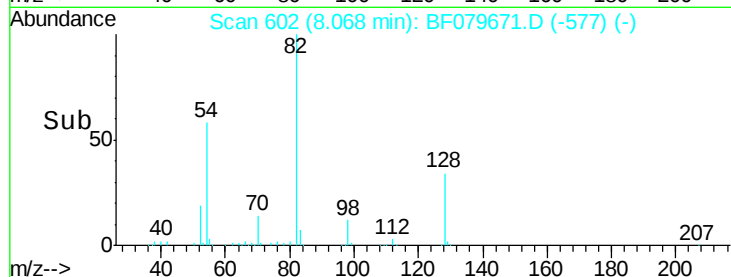
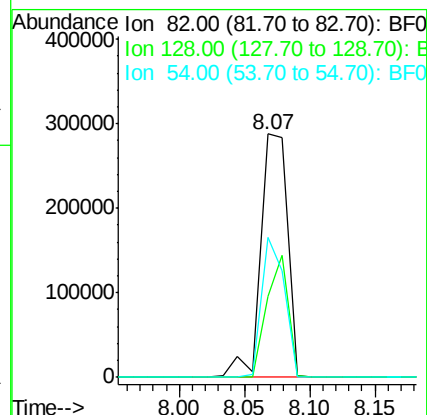
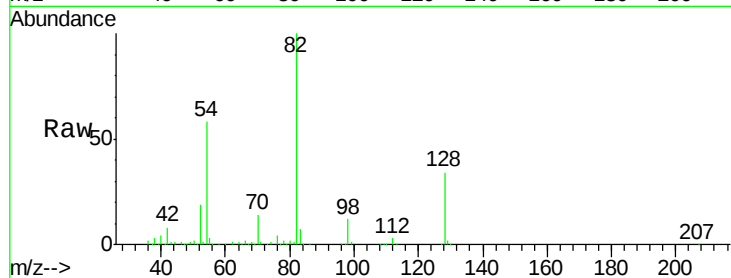
Tgt Ion: 82 Resp: 415917

Ion Ratio Lower Upper

82 100

128 33.6 39.4 59.0#

54 57.7 37.4 56.0#



#24

Nitrobenzene

Concen: 41.49 ng

RT: 8.09 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

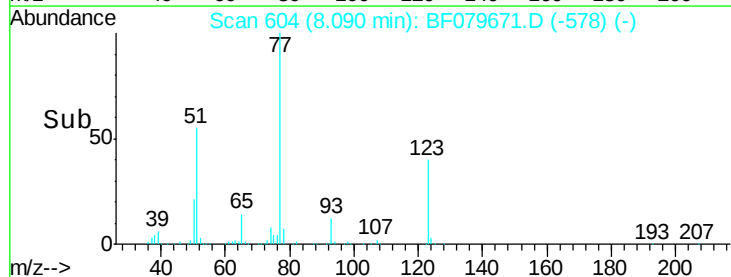
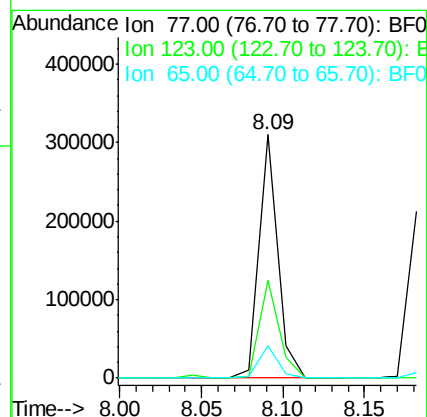
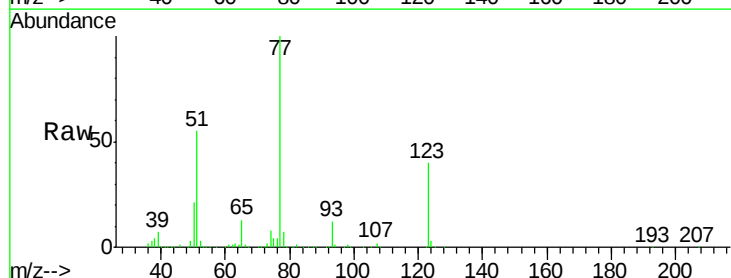
Tgt Ion: 77 Resp: 249103

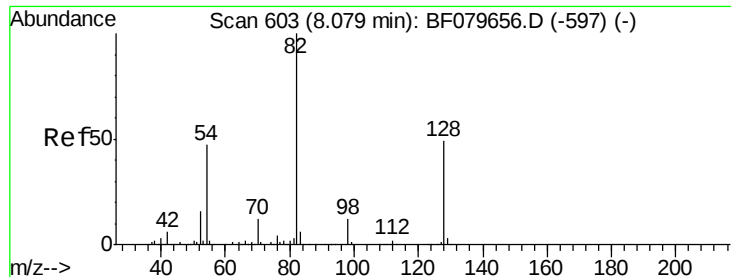
Ion Ratio Lower Upper

77 100

123 40.3 30.6 45.8

65 13.5 10.5 15.7





#25

Isophorone

Concen: 40.75 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

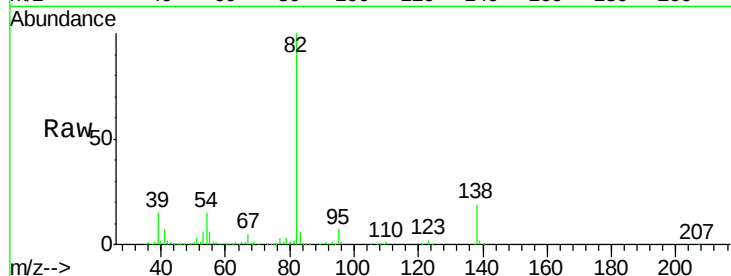
Tgt Ion: 82 Resp: 497632

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

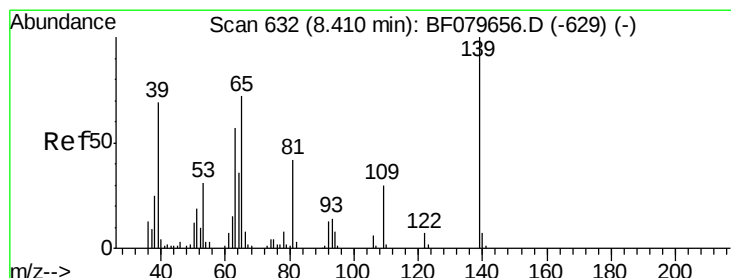
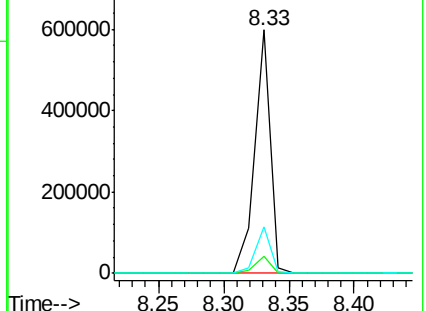
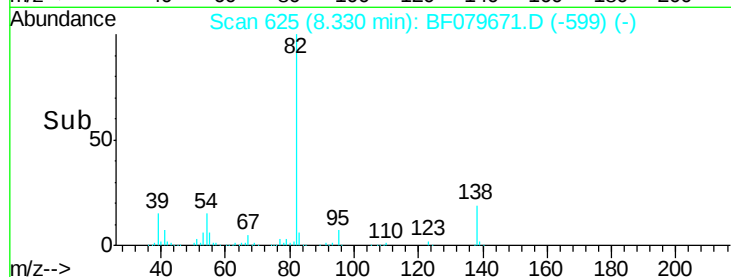
138 18.9 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF079671.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079671.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079671.D (-599) (-)



#26

2-Nitrophenol

Concen: 37.58 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

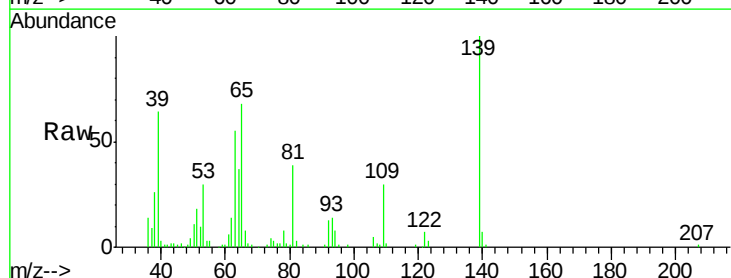
Tgt Ion: 139 Resp: 74523

Ion Ratio Lower Upper

139 100

109 29.8 23.6 35.4

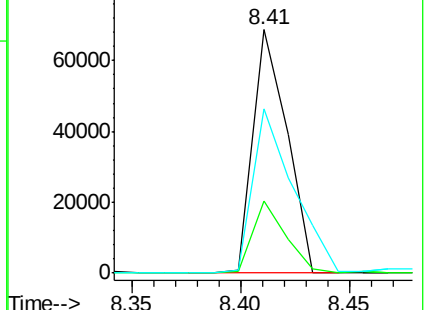
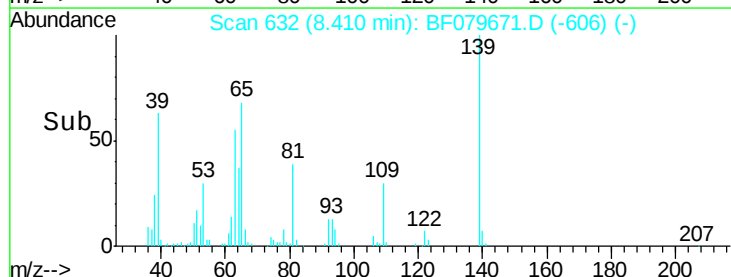
65 67.6 57.4 86.0

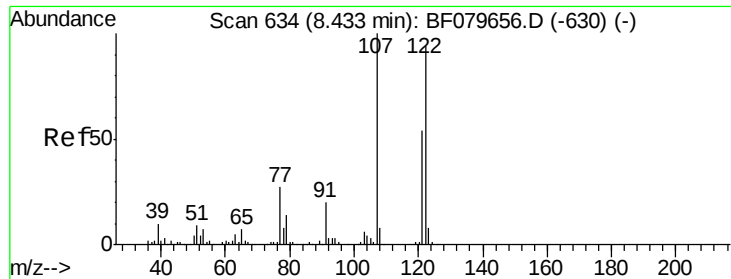


Abundance Ion 139.00 (138.70 to 139.70): BF079671.D (-606) (-)

Ion 109.00 (108.70 to 109.70): BF079671.D (-606) (-)

Ion 65.00 (64.70 to 65.70): BF079671.D (-606) (-)

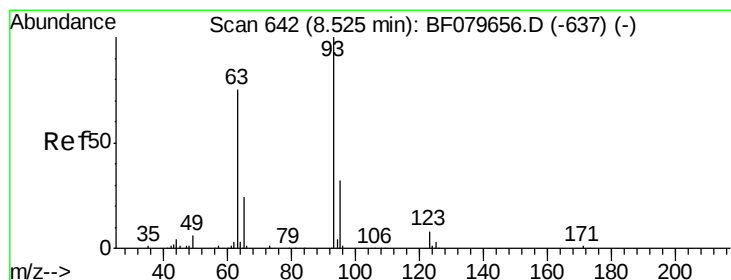
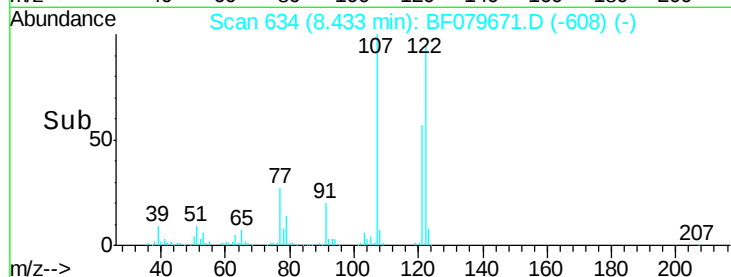
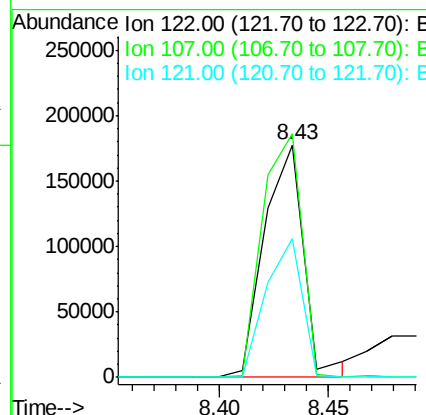
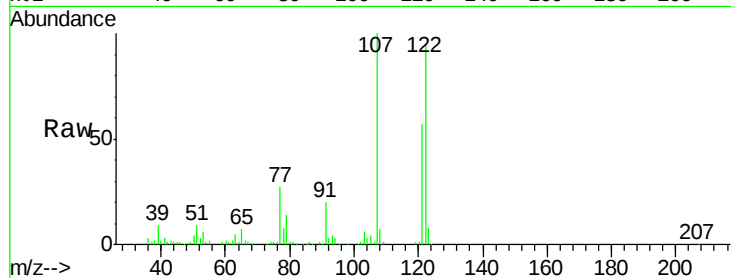




#27
2,4-Dimethylphenol
Concen: 40.55 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

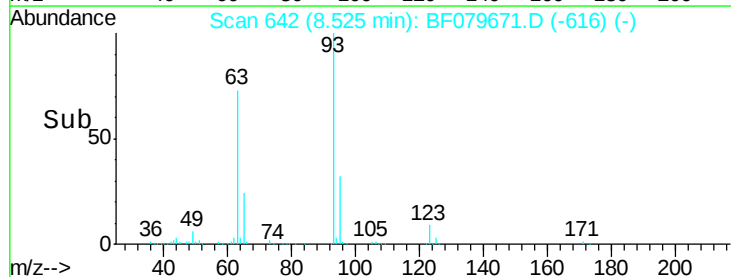
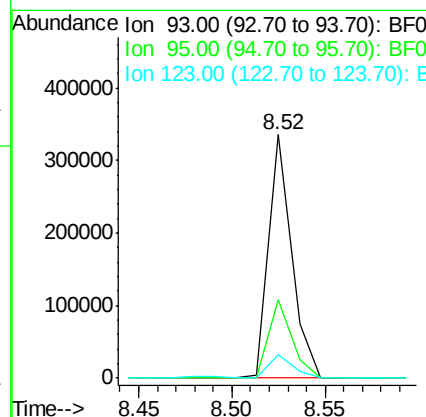
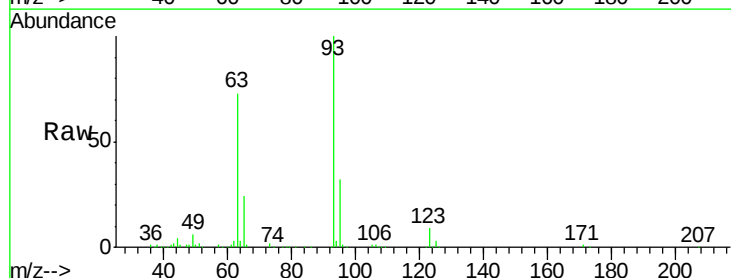
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

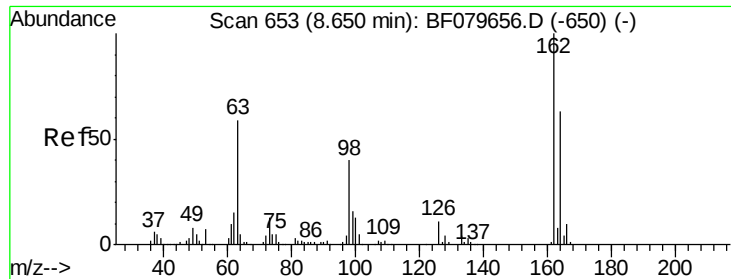
Tgt Ion:122 Resp: 226648
Ion Ratio Lower Upper
122 100
107 104.8 85.0 127.6
121 59.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.52 ng
RT: 8.52 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion: 93 Resp: 284254
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 9.5 6.8 10.2

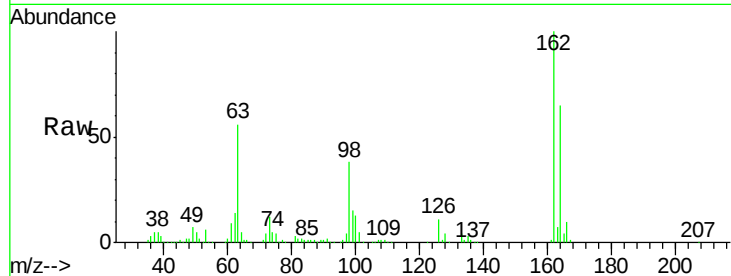




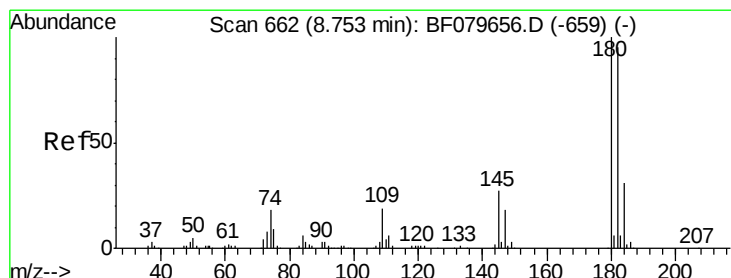
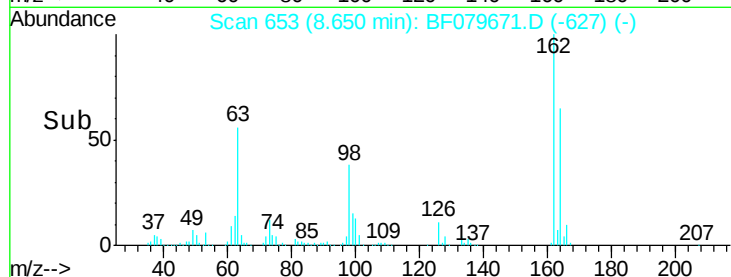
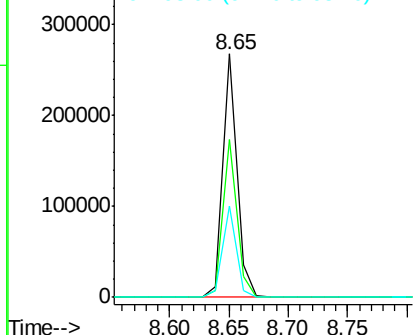
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion:162 Resp: 217680
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.0 83.0
 98 37.7 19.8 59.8

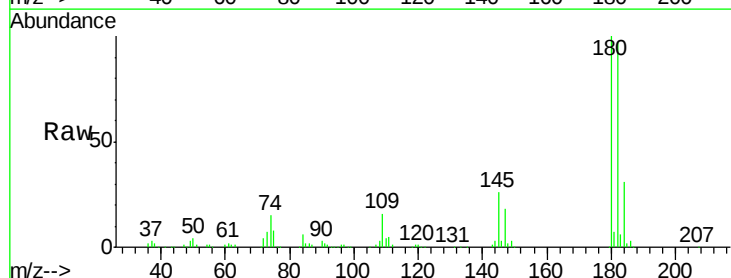


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

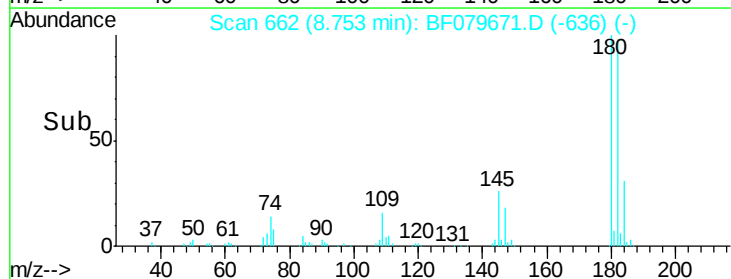
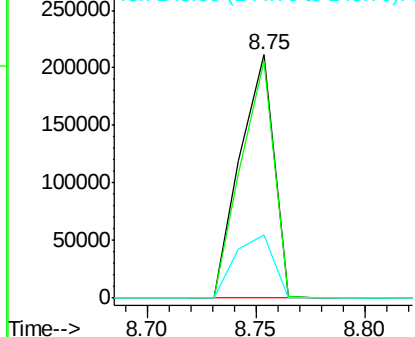


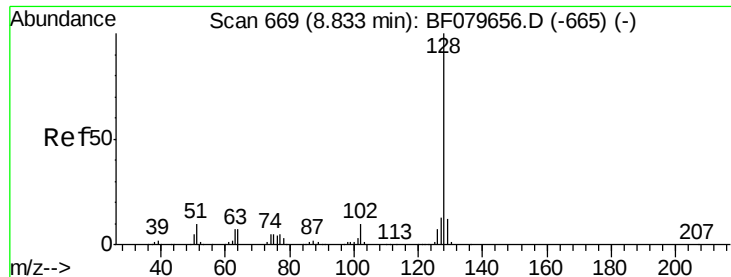
#30
 1,2,4-Trichlorobenzene
 Concen: 40.55 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:180 Resp: 227755
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.1 114.1
 145 26.0 21.8 32.8



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

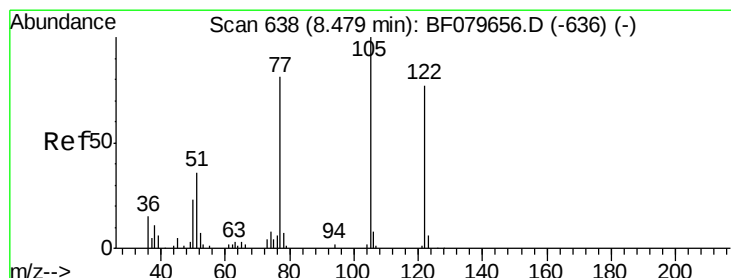
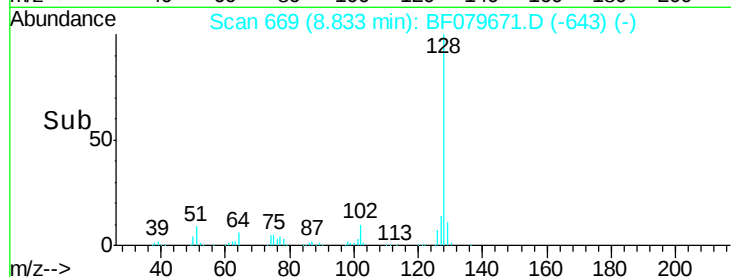
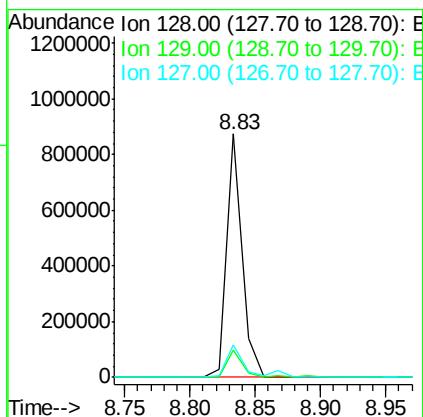
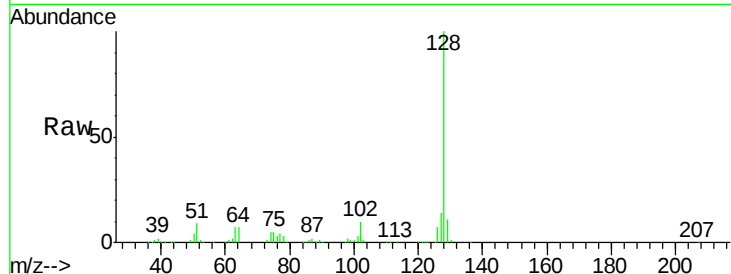




#31
Naphthalene
Concen: 38.41 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

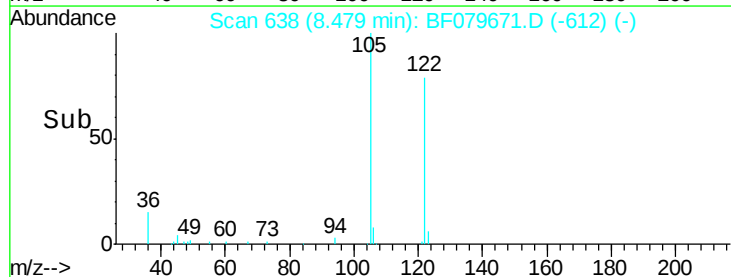
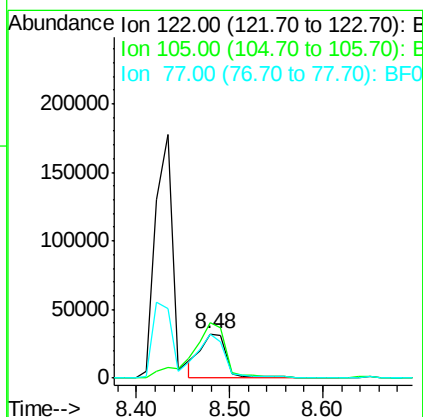
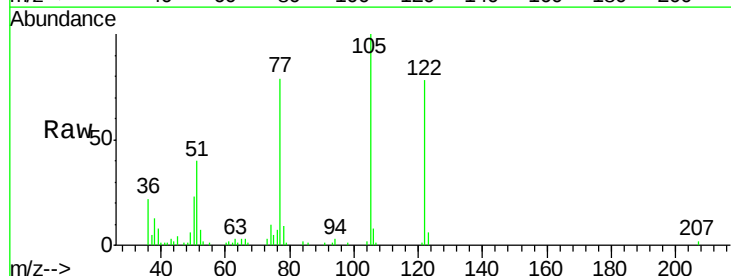
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

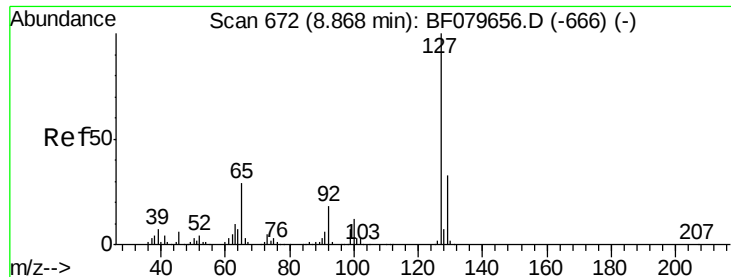
Tgt Ion:128 Resp: 719473
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 41.78 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:122 Resp: 63161
Ion Ratio Lower Upper
122 100
105 127.6 109.7 149.7
77 100.2 86.1 126.1

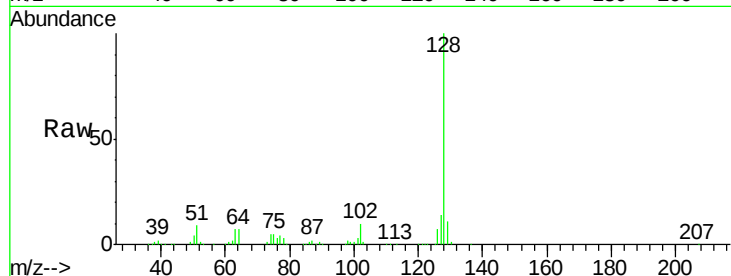




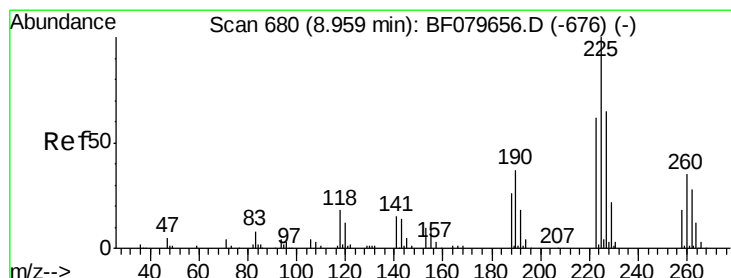
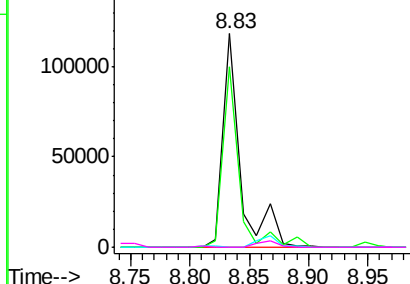
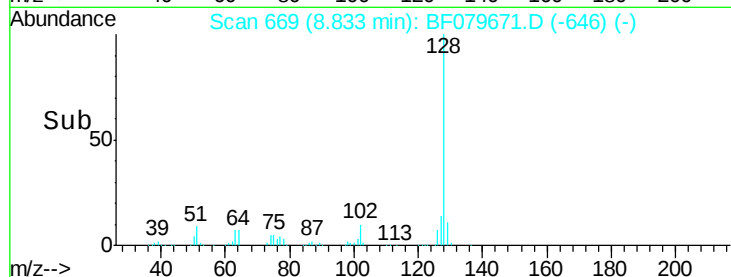
#33
4-Chloroaniline
Concen: 11.76 ng
RT: 8.83 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion:	127	Resp:	119797
Ion	Ratio	Lower	Upper
127	100		
129	84.6	26.5	39.7#
65	0.0	23.0	34.6#
92	0.0	14.7	22.1#

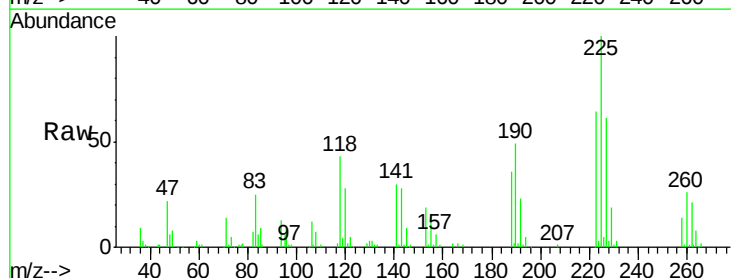


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

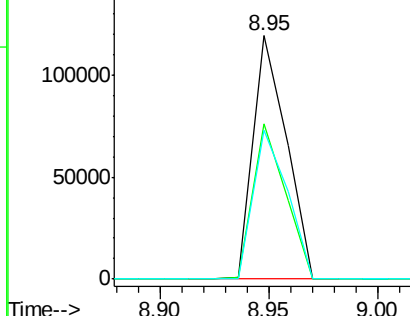
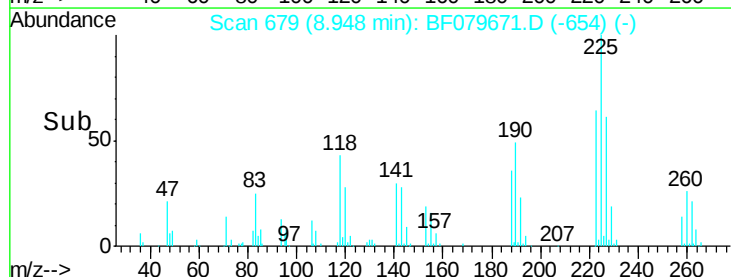


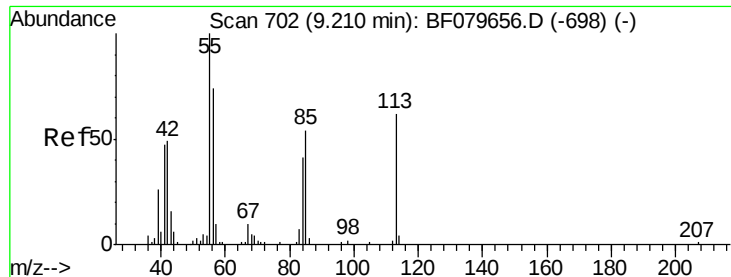
#34
Hexachlorobutadiene
Concen: 40.51 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:	225	Resp:	127544
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.6	74.4
227	61.0	52.3	78.5



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: 36.43 ng

RT: 9.20 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

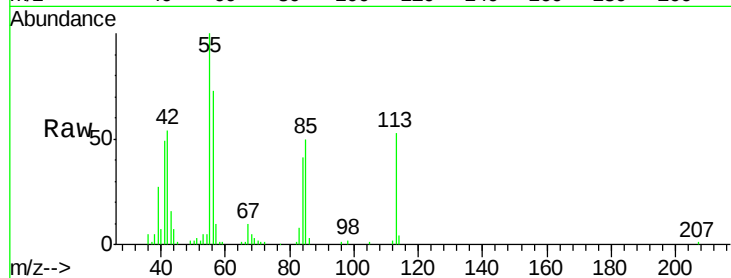
Tgt Ion:113 Resp: 49989

Ion Ratio Lower Upper

113 100

55 187.2 142.3 182.3#

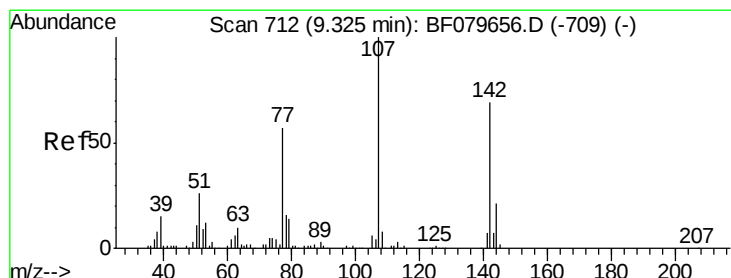
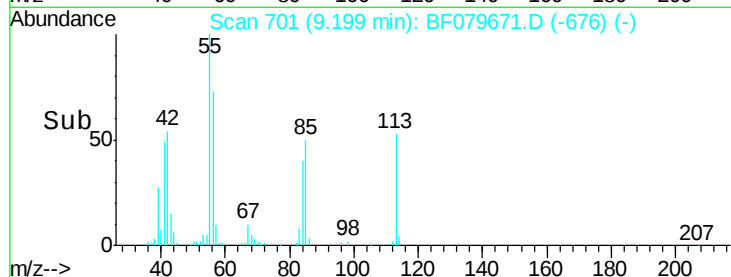
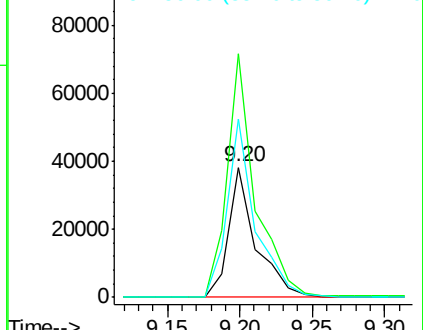
56 136.9 99.8 139.8



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: 40.79 ng

RT: 9.32 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

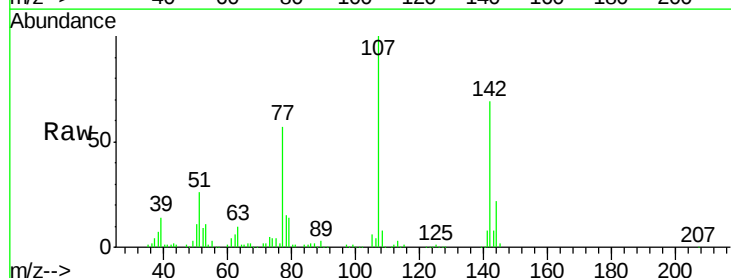
Tgt Ion:107 Resp: 207540

Ion Ratio Lower Upper

107 100

144 21.8 17.0 25.4

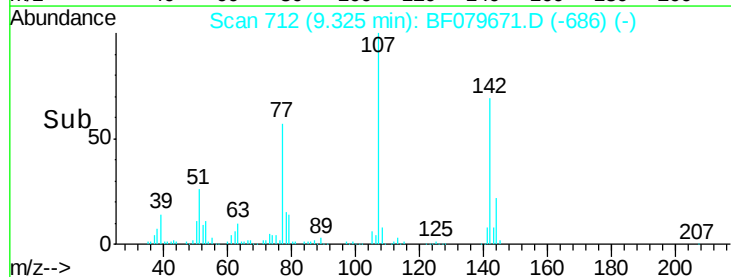
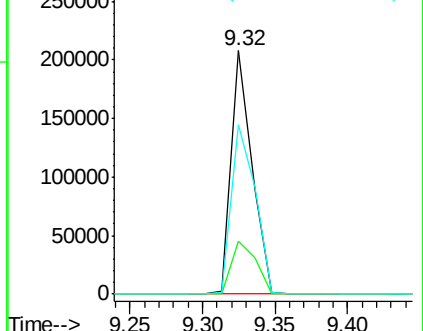
142 69.3 55.1 82.7

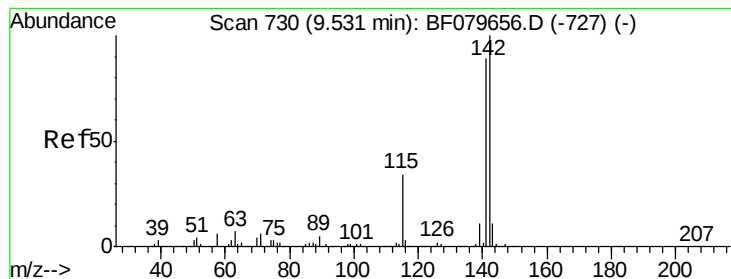


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

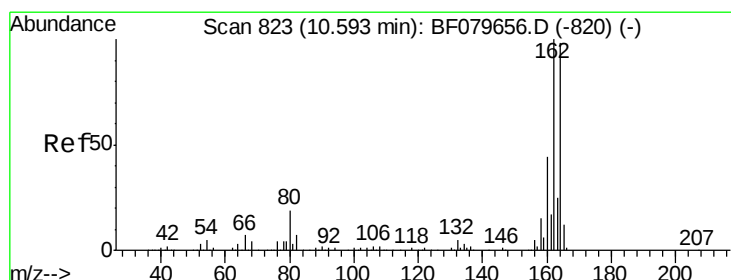
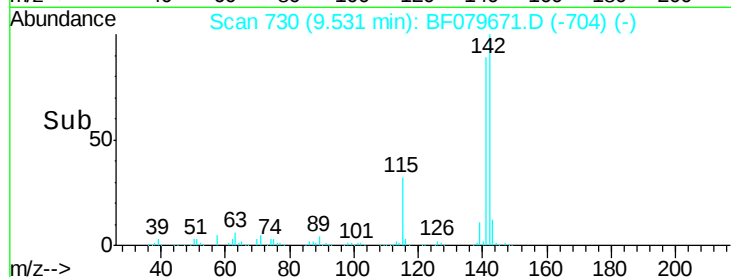
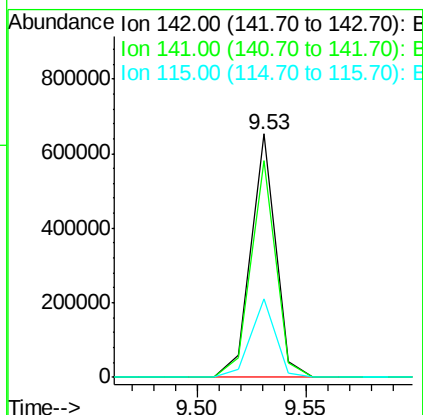
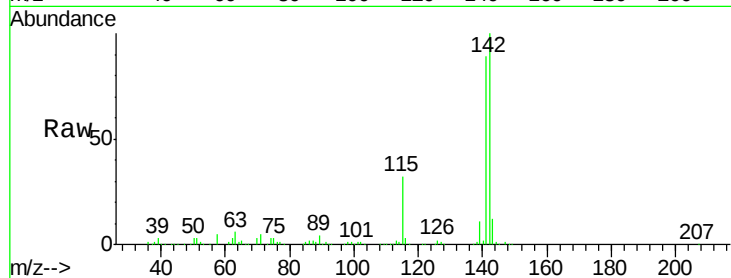




#37
 2-Methylnaphthalene
 Concen: 41.38 ng
 RT: 9.53 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

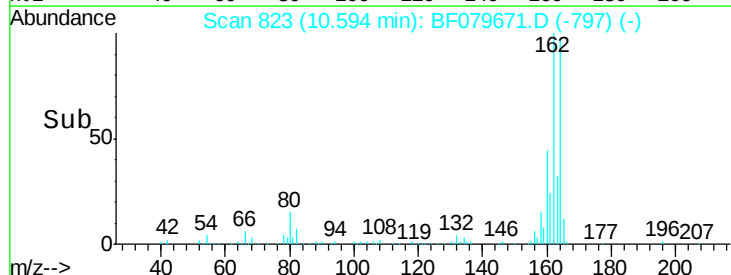
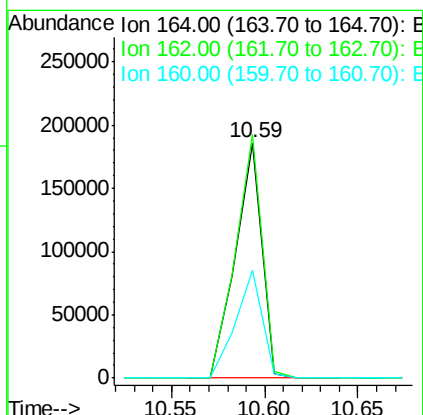
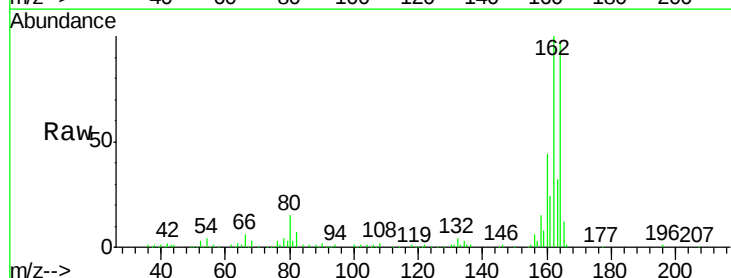
Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

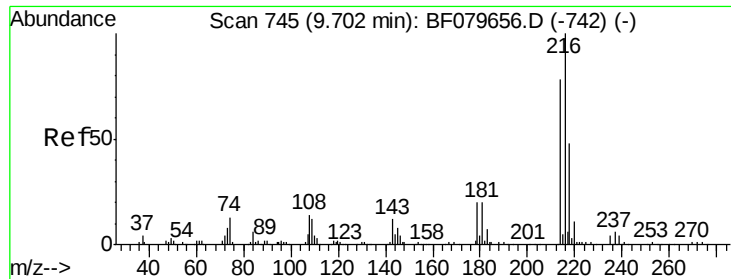
Tgt Ion:142 Resp: 517020
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.0
 115 32.5 27.3 40.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:164 Resp: 185155
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.0 123.0
 160 46.0 35.9 53.9

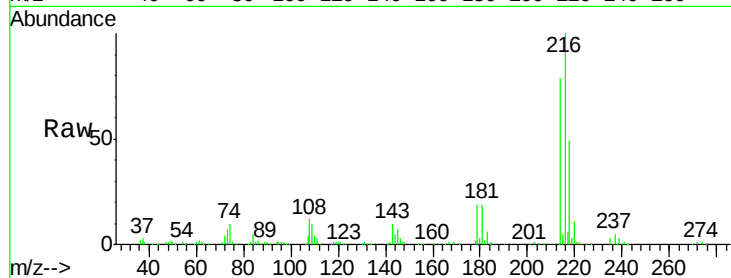




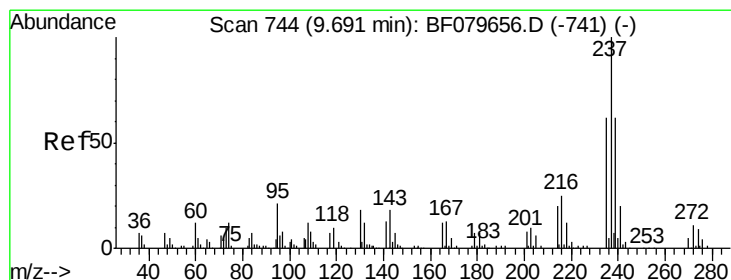
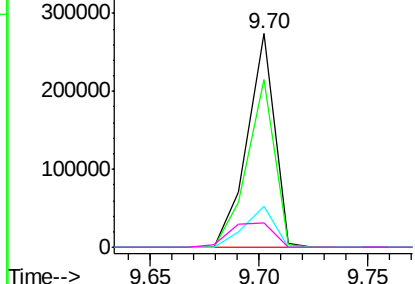
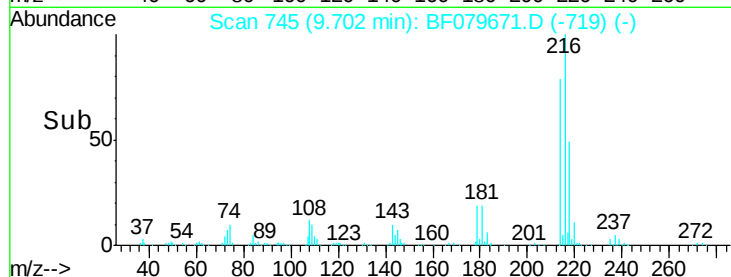
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.30 ng
RT: 9.70 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion:	216	Resp:	239451
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.8	94.2
179	21.0	16.6	24.8
108	18.5	14.2	21.4

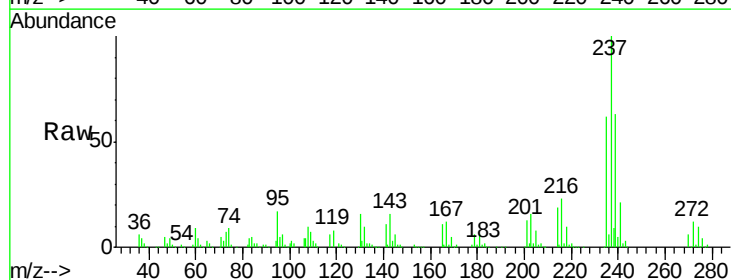


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

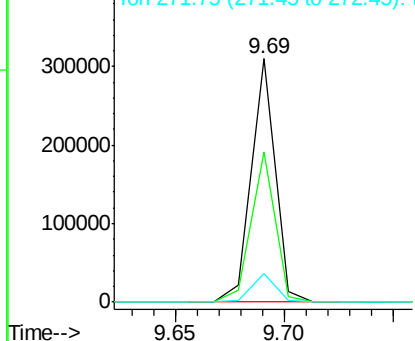
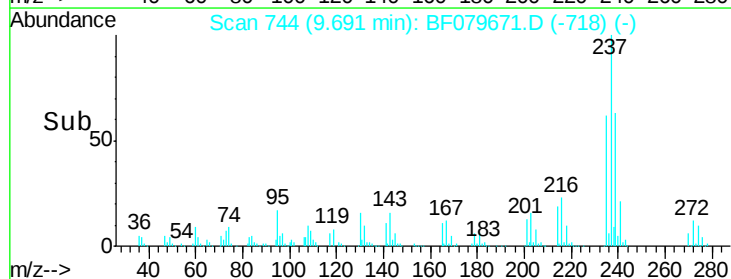


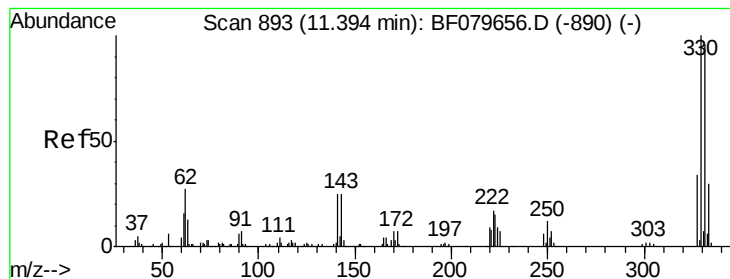
#40
Hexachlorocyclopentadiene
Concen: 83.57 ng
RT: 9.69 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:	237	Resp:	236742
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.7	81.7
272	11.7	0.0	31.1



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

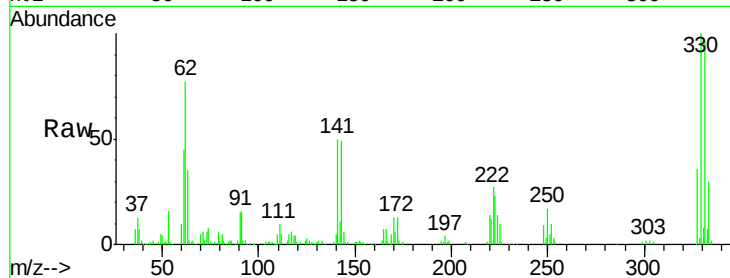




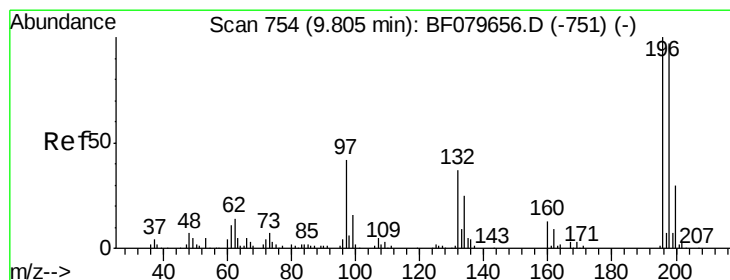
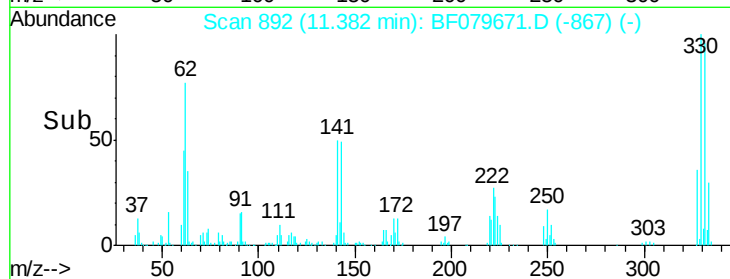
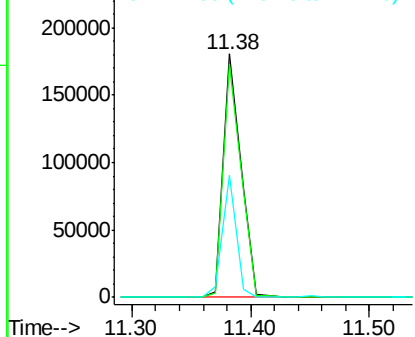
#41
 2,4,6-Tribromophenol
 Concen: 120.65 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion:330 Resp: 184364
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 39.1 27.4 41.2

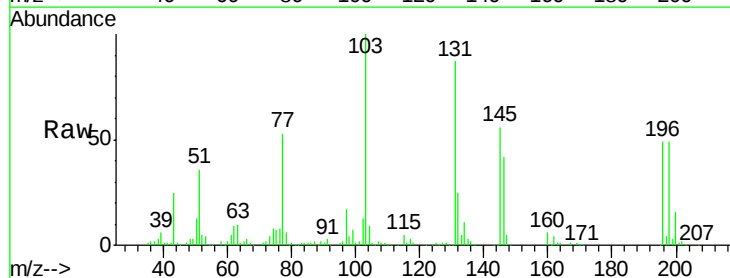


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

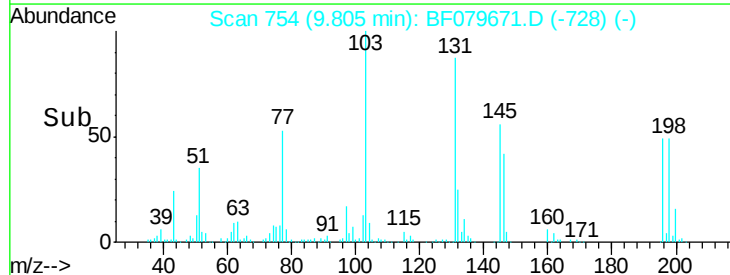
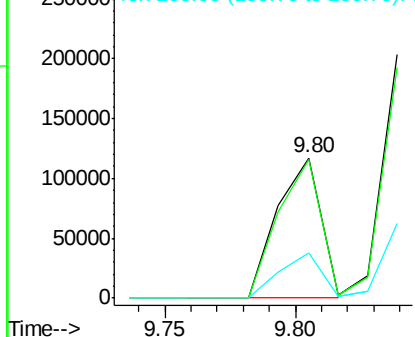


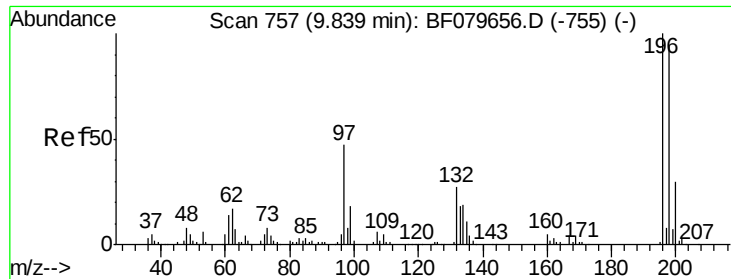
#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:196 Resp: 135141
 Ion Ratio Lower Upper
 196 100
 198 99.5 77.3 115.9
 200 32.7 24.0 36.0



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

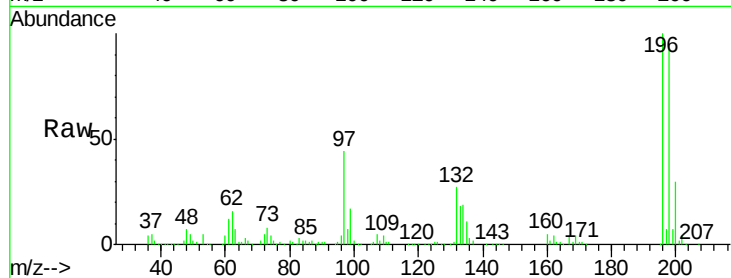




#43
 2,4,5-Trichlorophenol
 Concen: 46.71 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.3	112.9
97	44.3	37.6	56.4
132	27.3	21.5	32.3



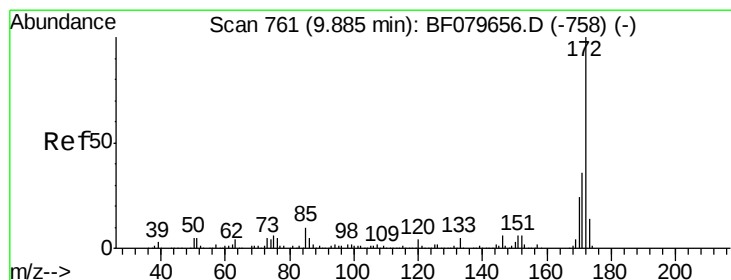
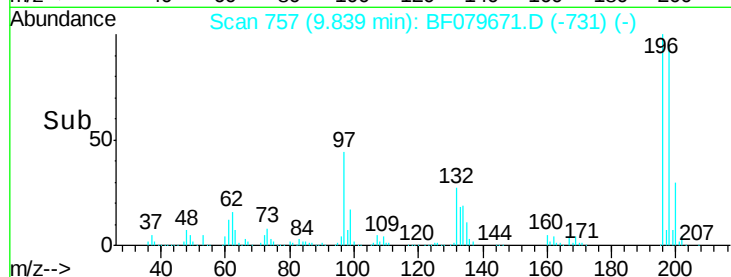
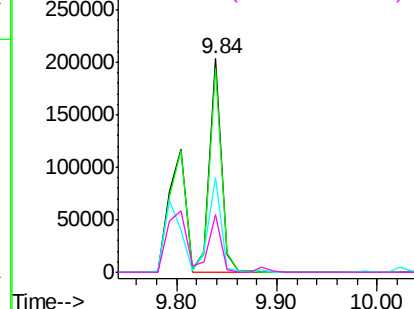
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

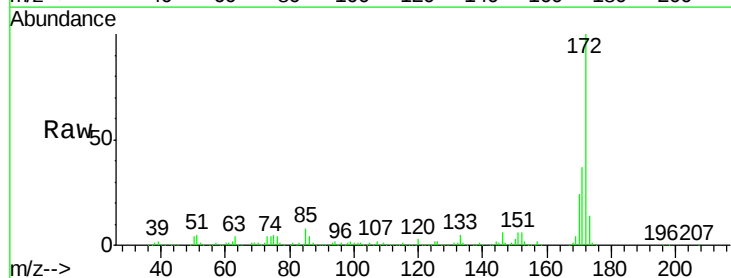
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.90 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.8	43.2
170	23.9	19.2	28.8

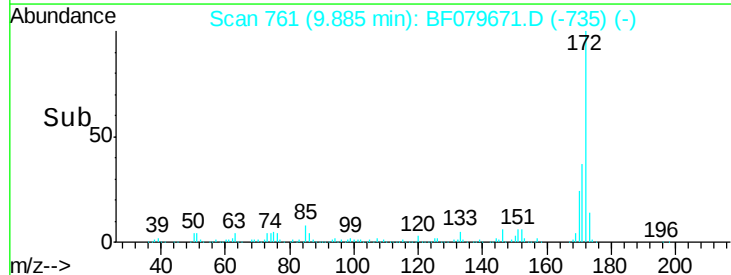
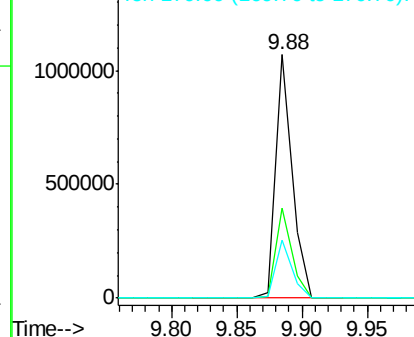


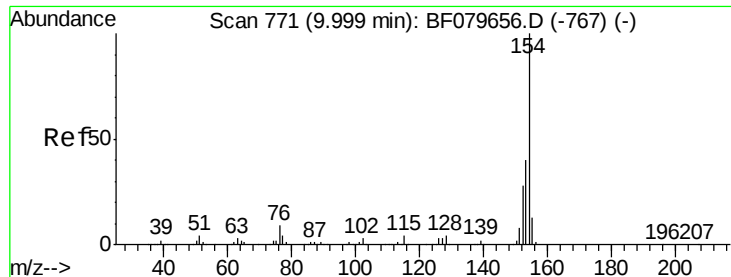
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

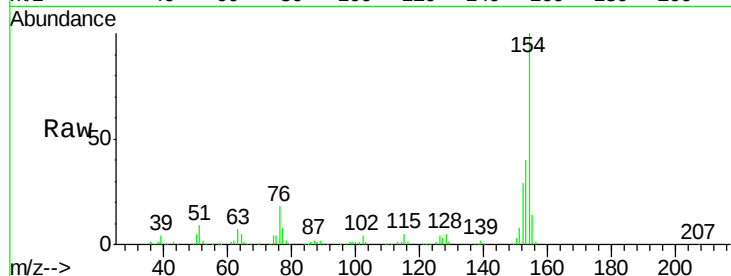




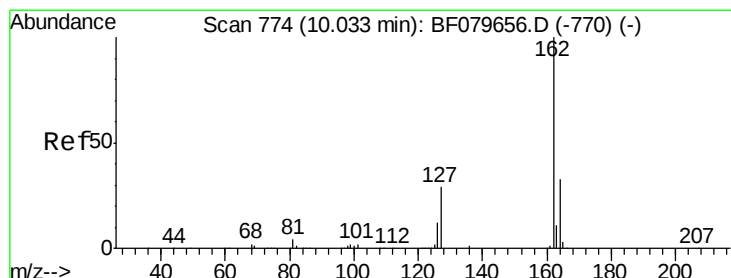
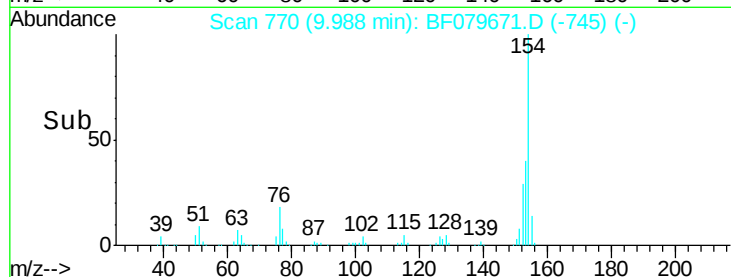
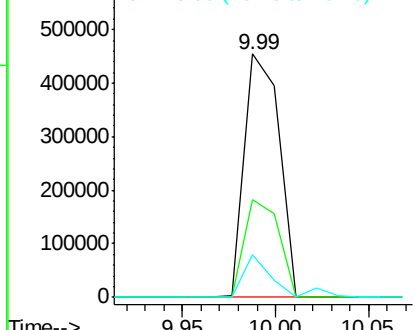
#45
 1,1'-Biphenyl
 Concen: 41.01 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.6	59.6
76	17.5	0.0	29.5

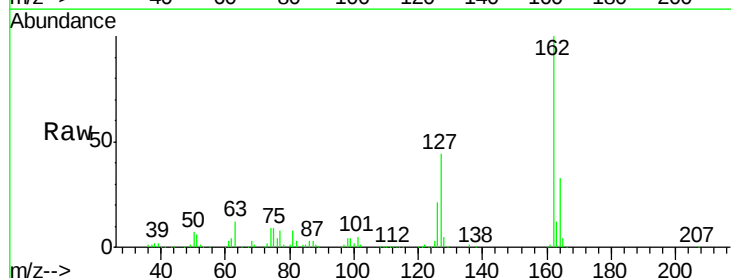


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

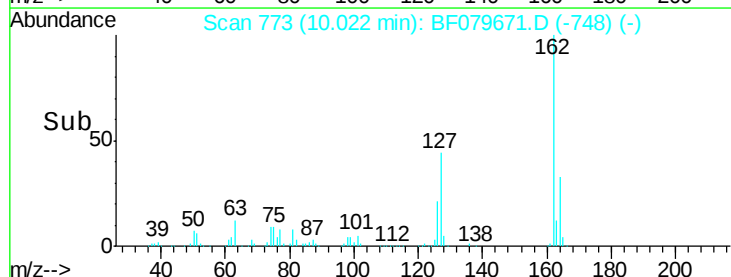
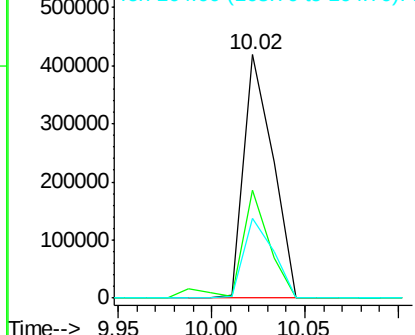


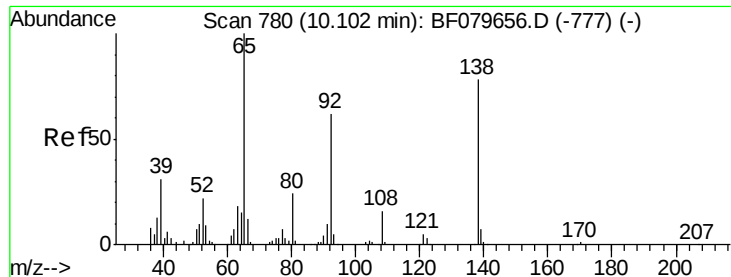
#46
 2-Chloronaphthalene
 Concen: 40.46 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	25.6	38.4#
164	32.7	26.3	39.5



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

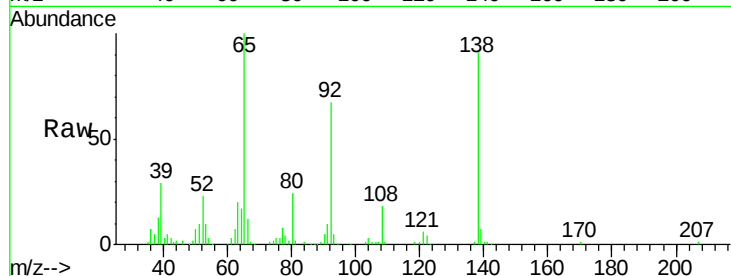




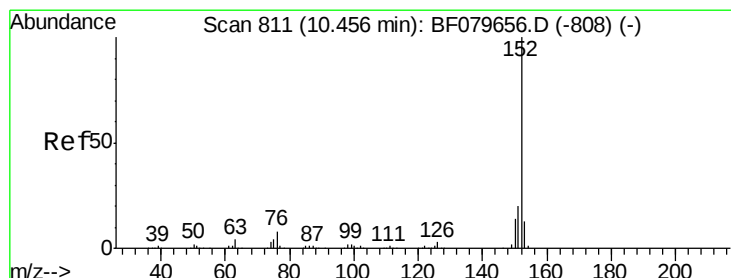
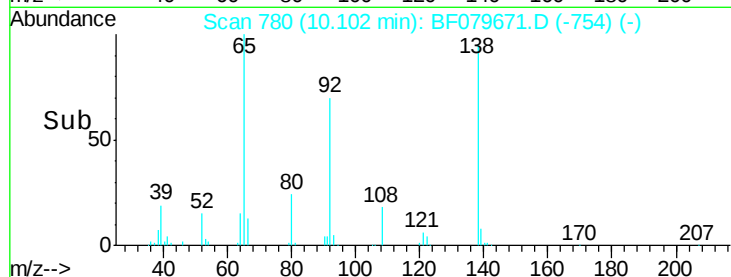
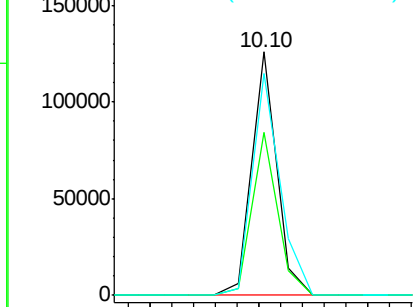
#47
2-Nitroaniline
Concen: 43.61 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion: 65 Resp: 100453
Ion Ratio Lower Upper
65 100
92 66.9 49.7 74.5
138 91.0 62.6 94.0

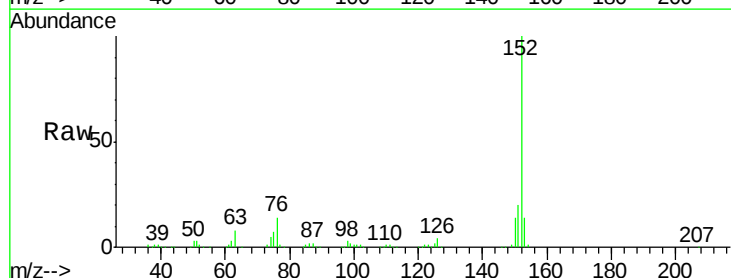


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

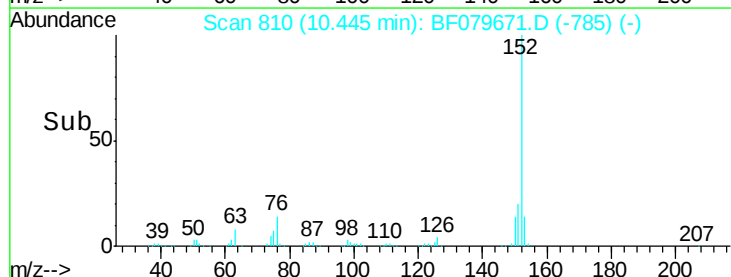
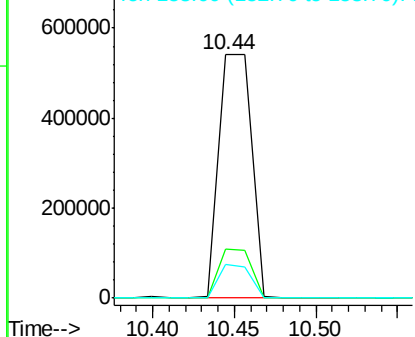


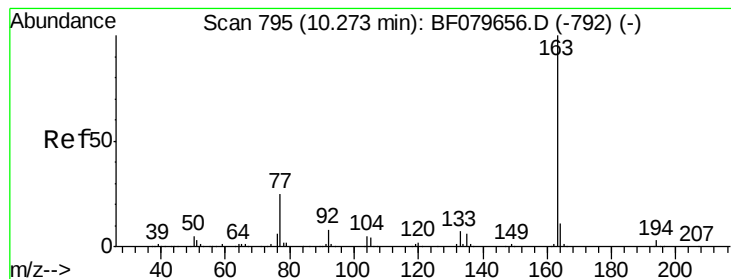
#48
Acenaphthylene
Concen: 40.32 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion: 152 Resp: 747733
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.77 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

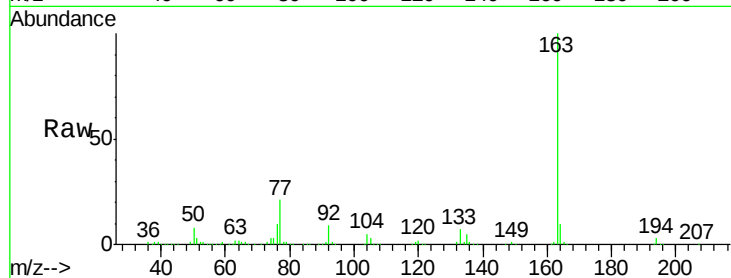
Tgt Ion:163 Resp: 580284

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

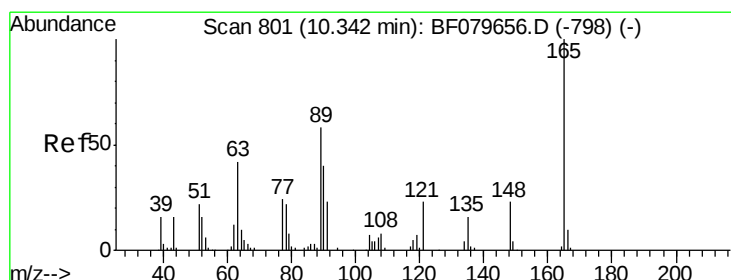
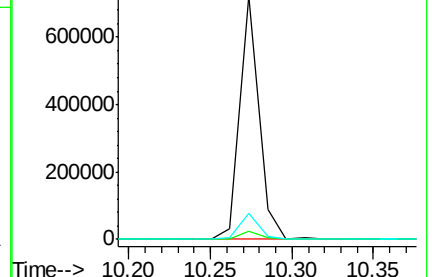
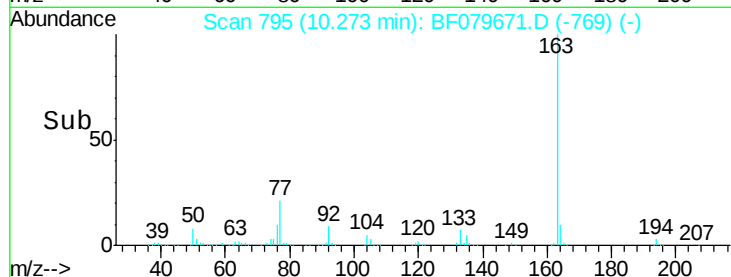
164 10.5 8.6 12.8



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: 48.65 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

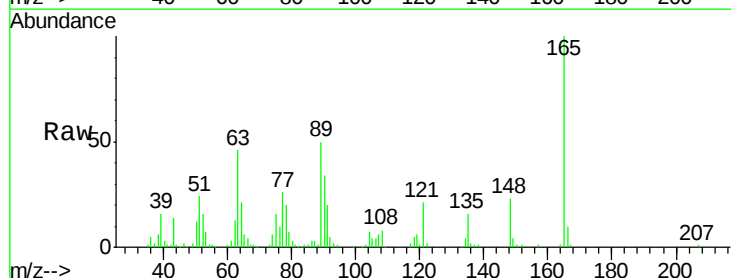
Tgt Ion:165 Resp: 104838

Ion Ratio Lower Upper

165 100

63 46.2 45.9 68.9

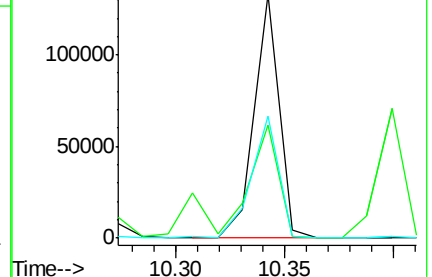
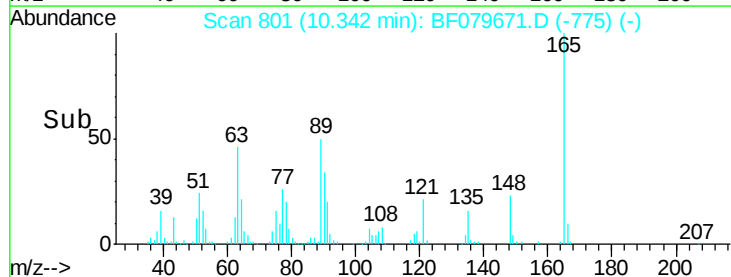
89 50.1 46.8 70.2

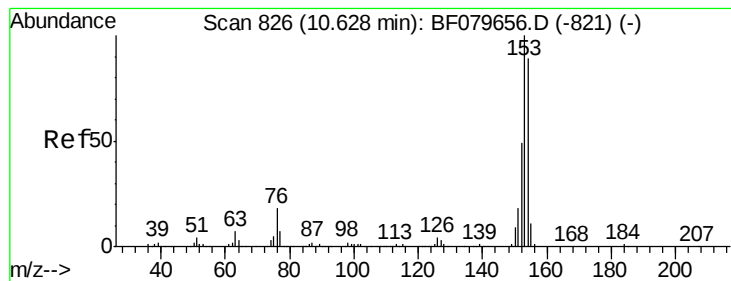


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.22 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

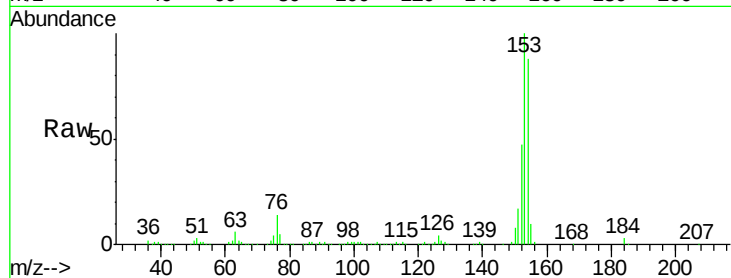
Tgt Ion:154 Resp: 474483

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

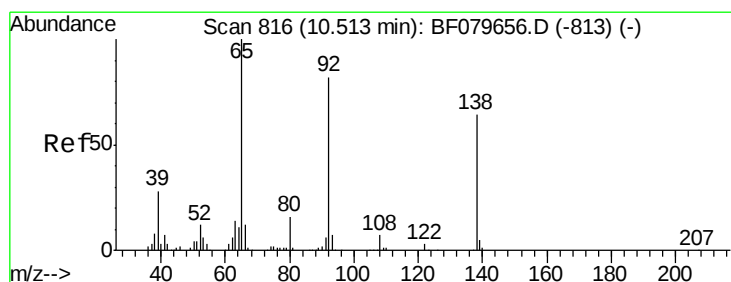
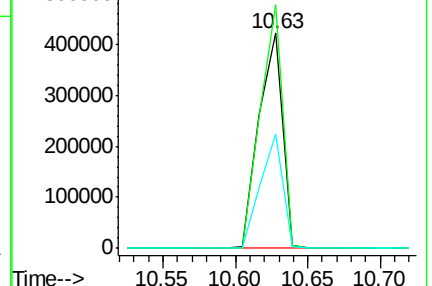
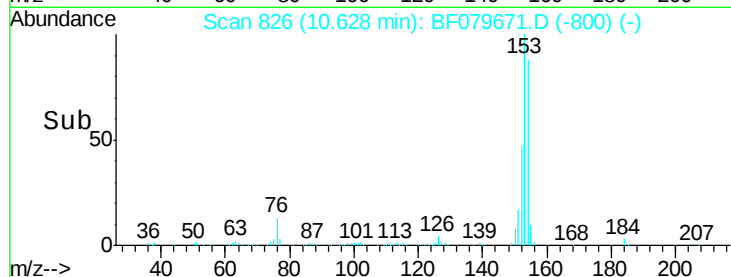
152 53.1 43.8 65.8



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: 4.78 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

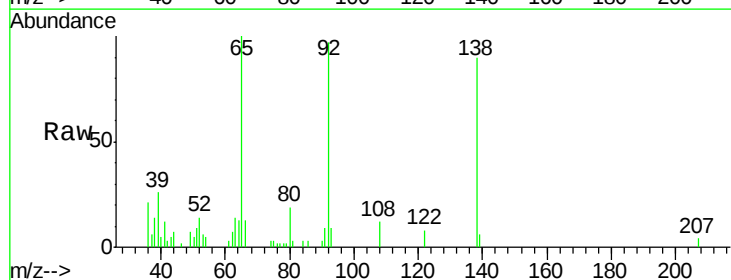
Tgt Ion:138 Resp: 12705

Ion Ratio Lower Upper

138 100

108 12.8 9.1 13.7

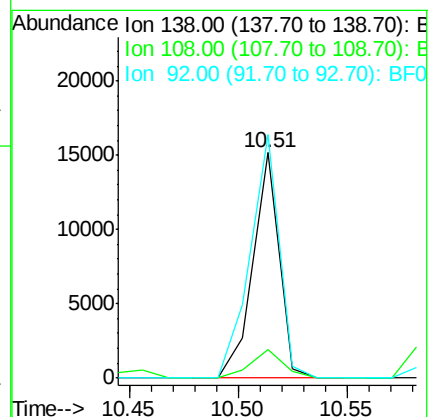
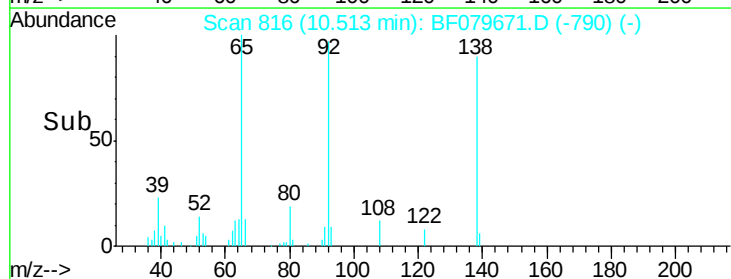
92 108.0 101.4 152.2

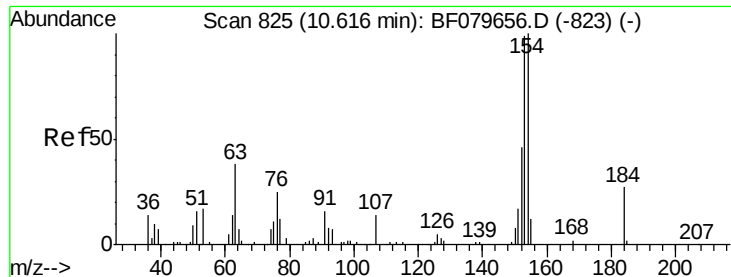


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

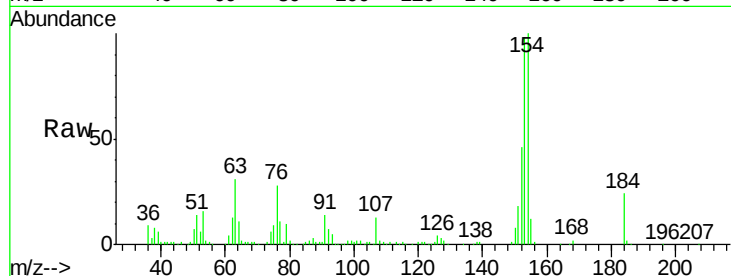




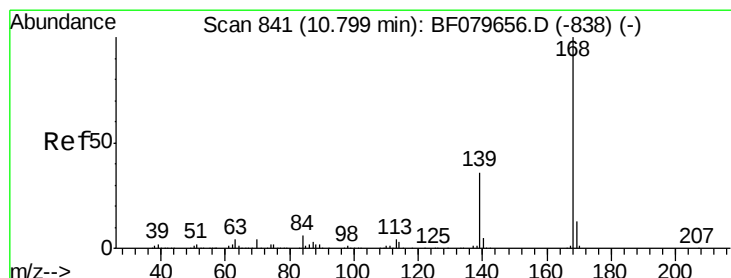
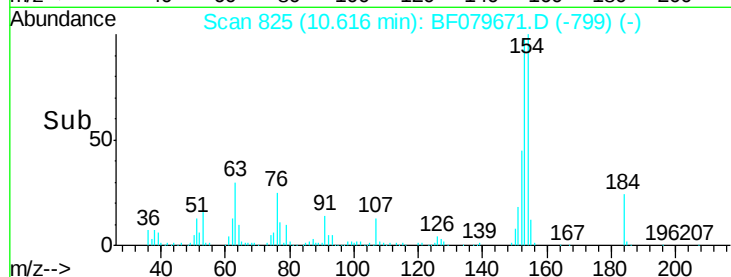
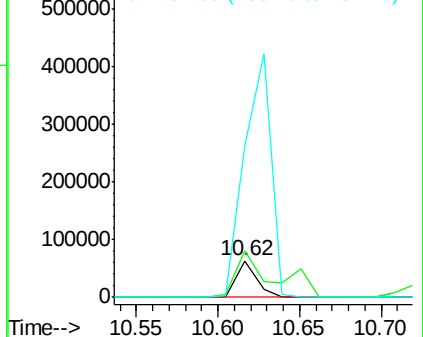
#53
2,4-Dinitrophenol
Concen: 89.04 ng
RT: 10.62 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion:184 Resp: 54566
Ion Ratio Lower Upper
184 100
63 128.9 114.0 171.0
154 415.6 297.0 445.4

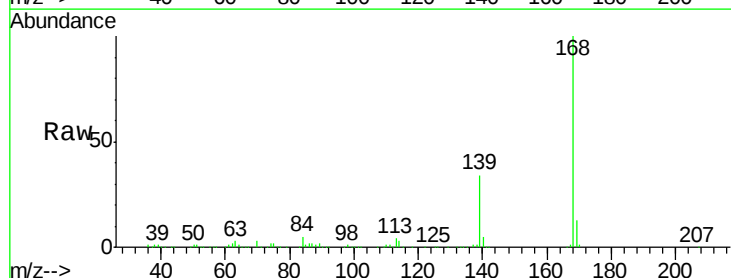


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

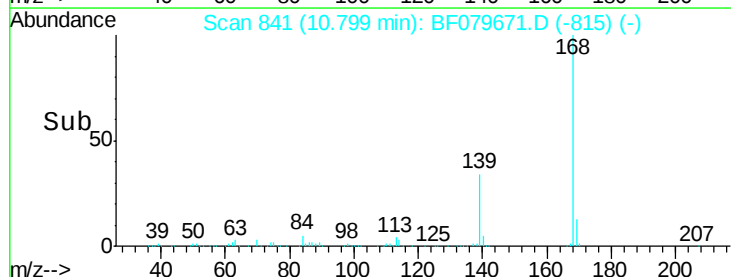
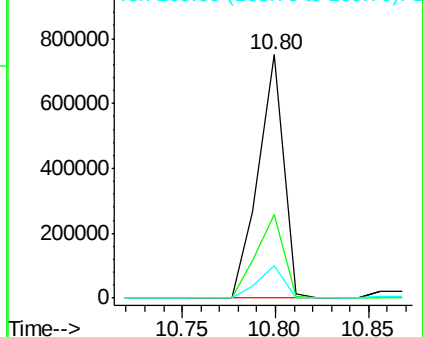


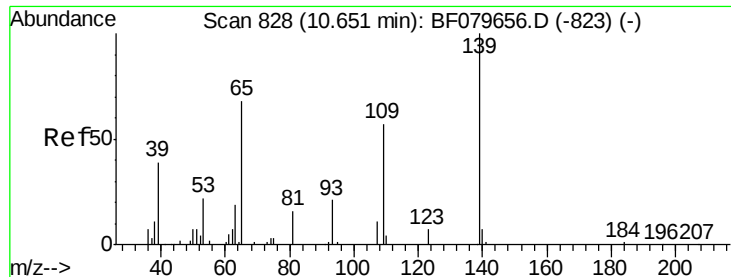
#54
Dibenzofuran
Concen: 43.32 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:168 Resp: 706576
Ion Ratio Lower Upper
168 100
139 34.1 29.1 43.7
169 13.5 10.7 16.1



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

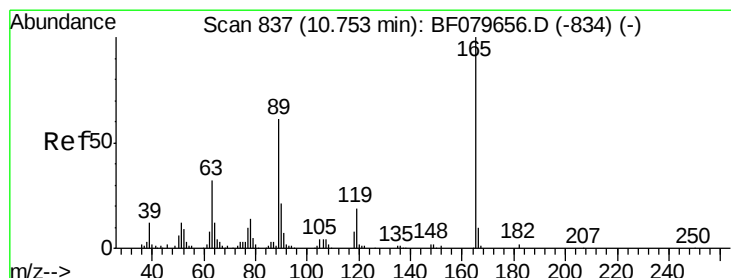
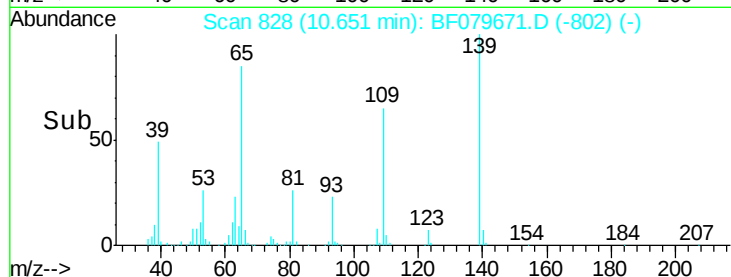
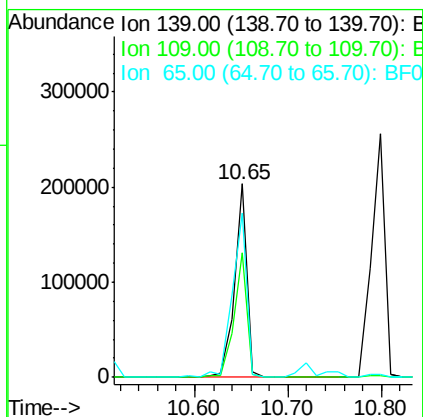
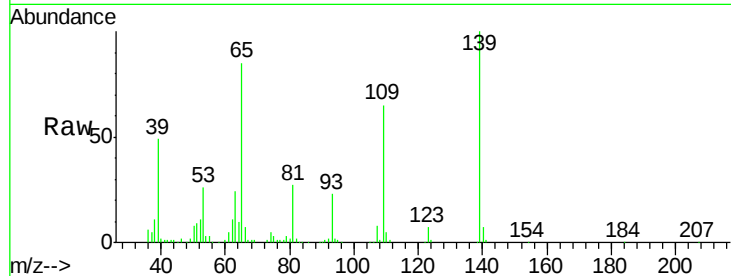




#55
4-Nitrophenol
Concen: 89.31 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

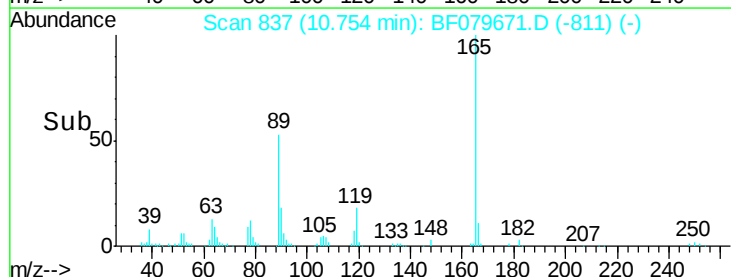
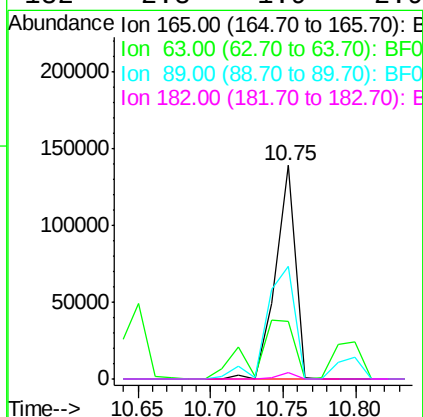
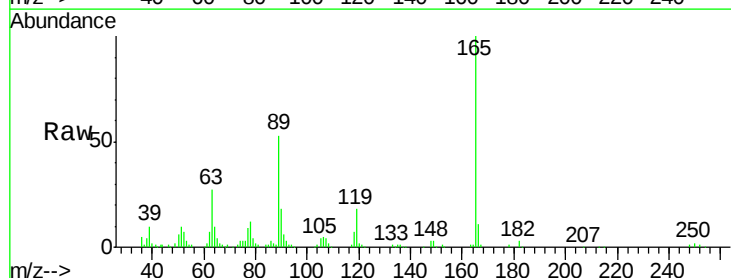
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

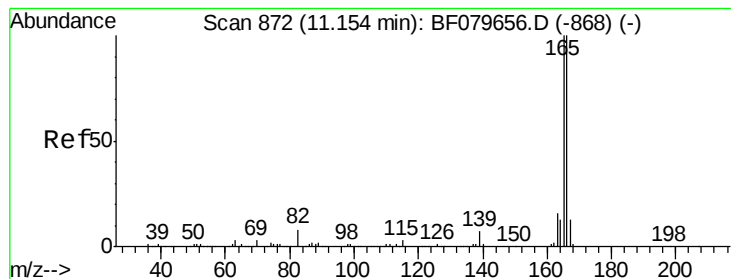
Tgt Ion:139 Resp: 191501
Ion Ratio Lower Upper
139 100
109 64.6 37.1 77.1
65 84.9 49.2 89.2



#56
2,4-Dinitrotoluene
Concen: 48.16 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:165 Resp: 131581
Ion Ratio Lower Upper
165 100
63 26.8 25.5 38.3
89 53.0 48.5 72.7
182 2.8 1.9 2.9





#57

Fluorene

Concen: 42.64 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

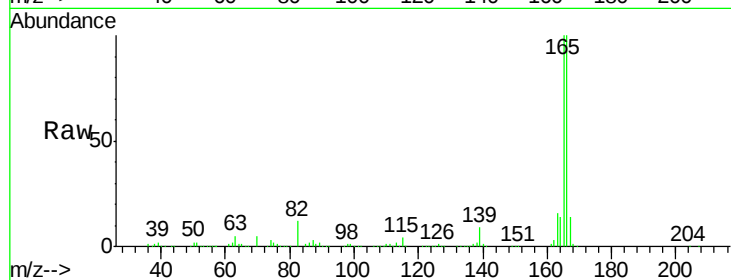
Tgt Ion:166 Resp: 568428

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.6

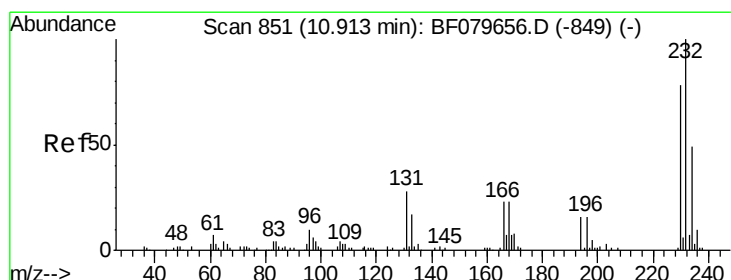
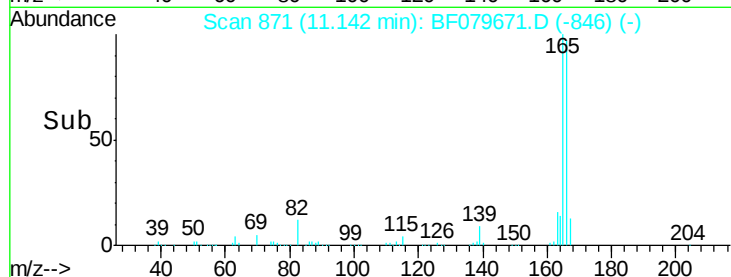
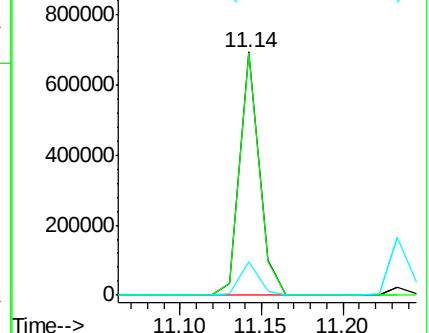
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.33 ng

RT: 10.90 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Tgt Ion:232 Resp: 124861

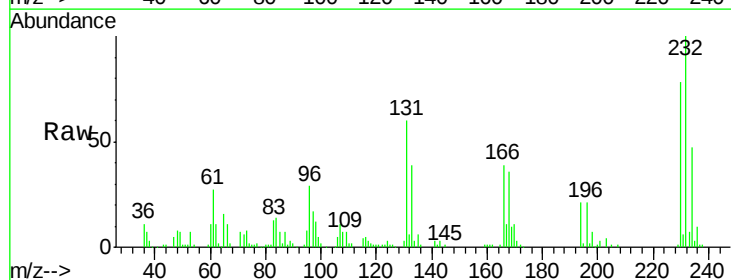
Ion Ratio Lower Upper

232 100

131 46.0 36.6 54.8

130 2.2 1.6 2.4

166 30.7 24.1 36.1

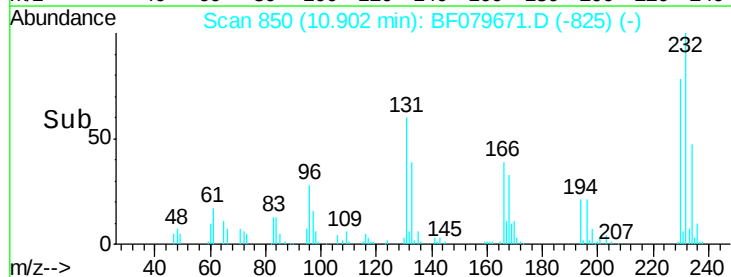
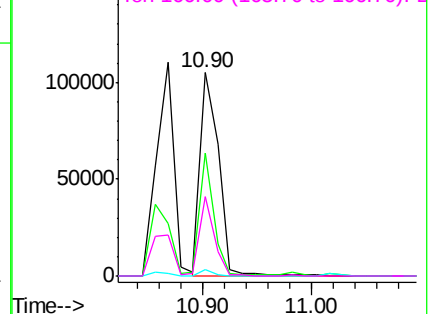


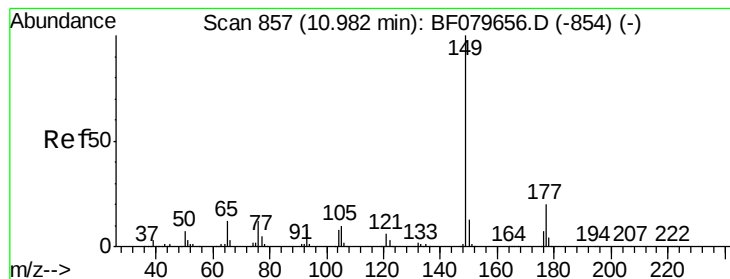
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.52 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

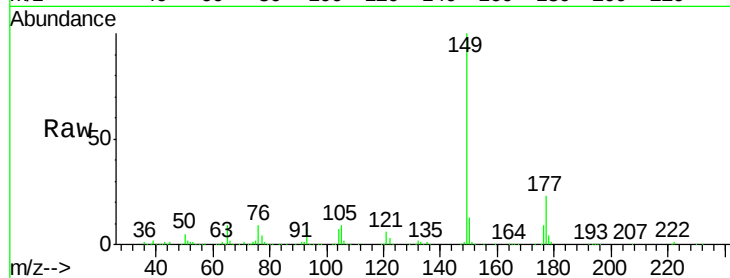
Tgt Ion:149 Resp: 580000

Ion Ratio Lower Upper

149 100

177 22.6 16.1 24.1

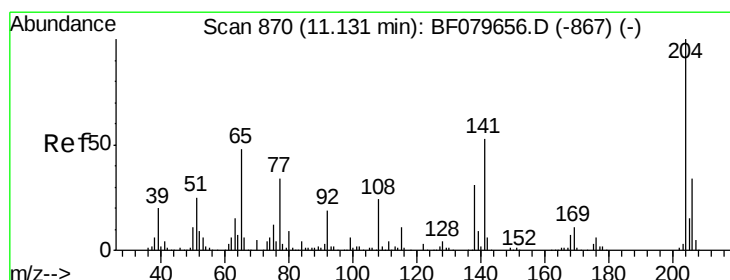
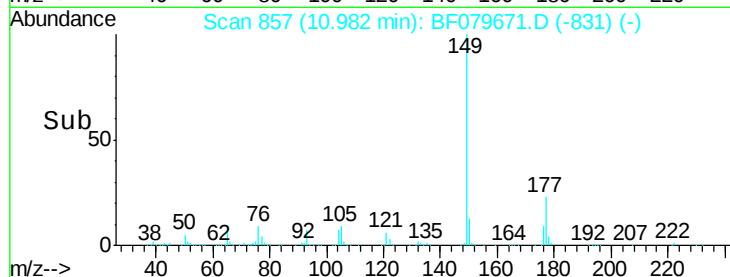
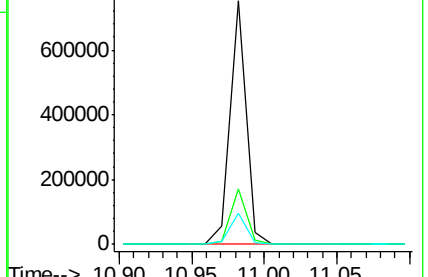
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.21 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

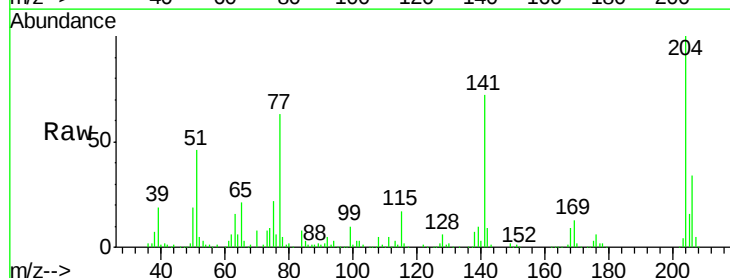
Tgt Ion:204 Resp: 253928

Ion Ratio Lower Upper

204 100

206 34.0 27.5 41.3

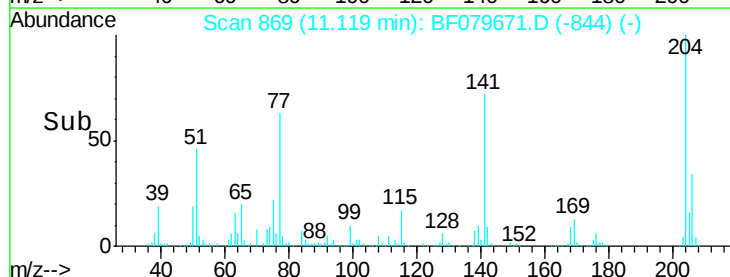
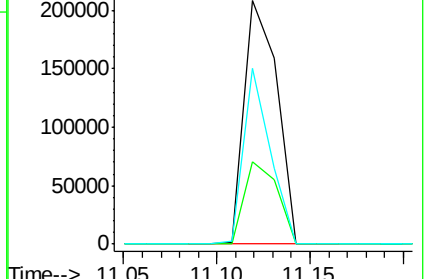
141 72.3 42.8 64.2#

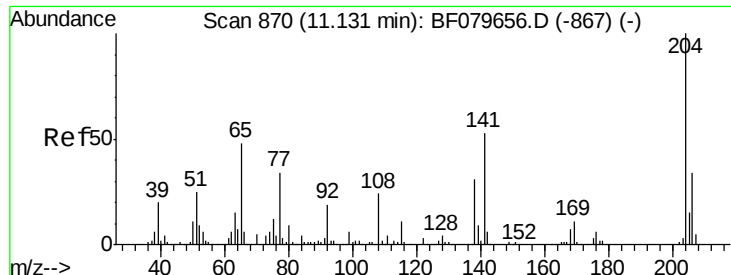


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

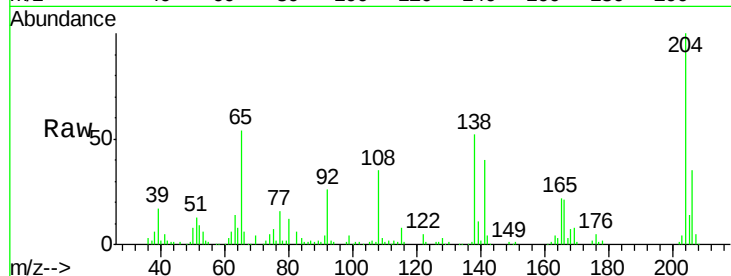




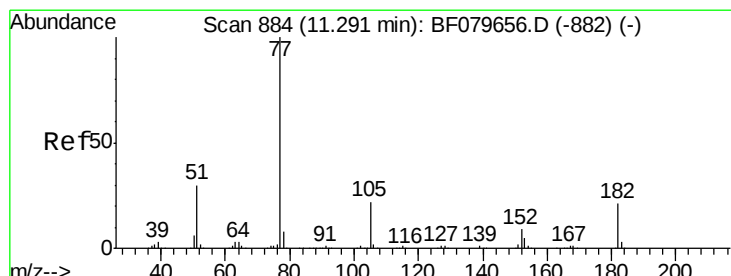
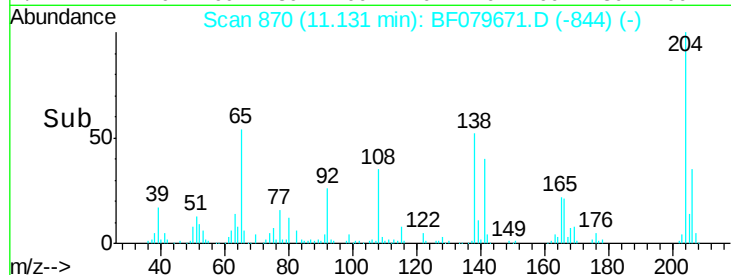
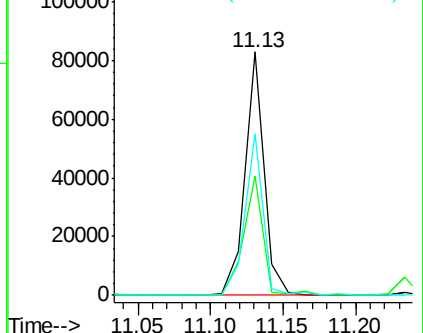
#61
4-Nitroaniline
Concen: 28.77 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Tgt Ion:138 Resp: 75457
Ion Ratio Lower Upper
138 100
92 49.1 40.7 80.7
108 66.6 56.0 96.0

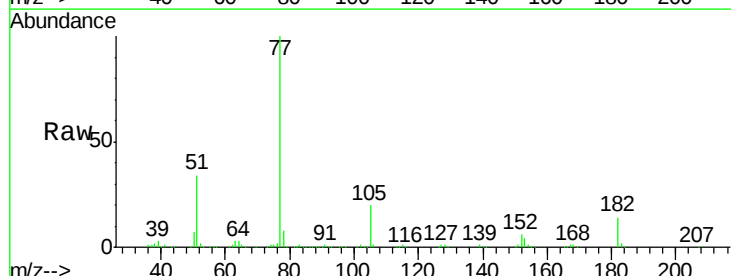


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

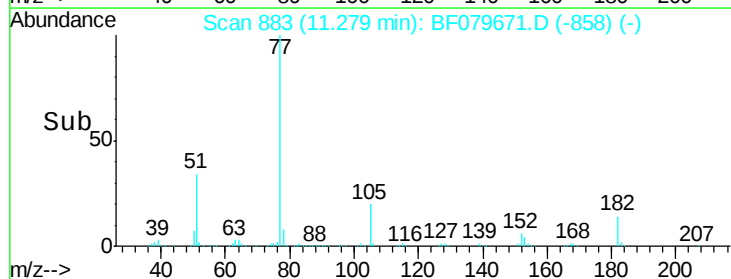
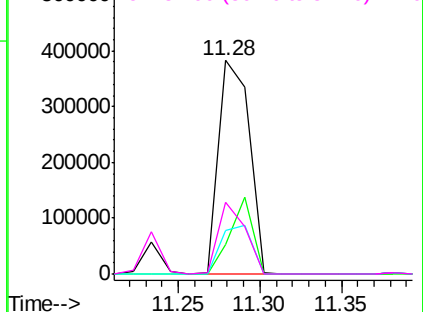


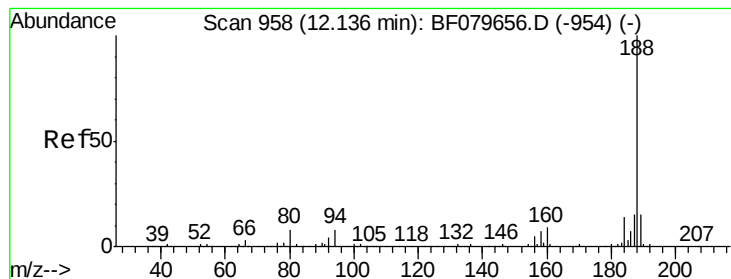
#62
Azobenzene
Concen: 40.76 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion: 77 Resp: 496474
Ion Ratio Lower Upper
77 100
182 14.0 1.3 41.3
105 20.1 2.3 42.3
51 33.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

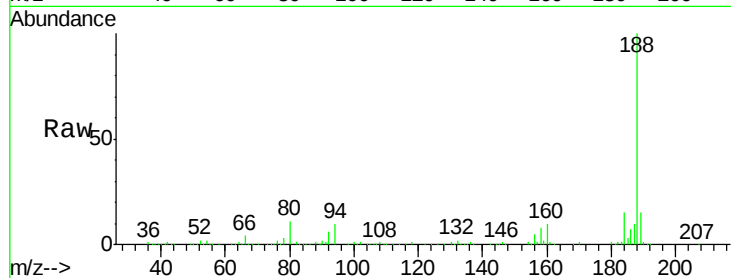
Tgt Ion:188 Resp: 384741

Ion Ratio Lower Upper

188 100

94 10.1 6.1 9.1#

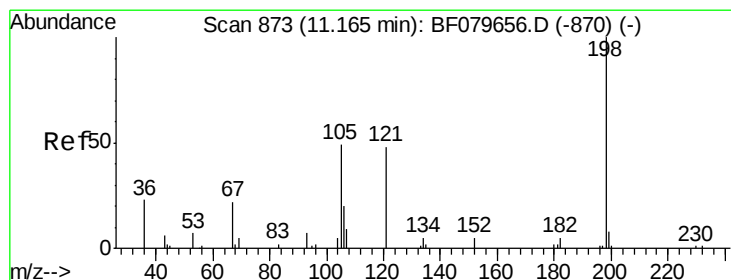
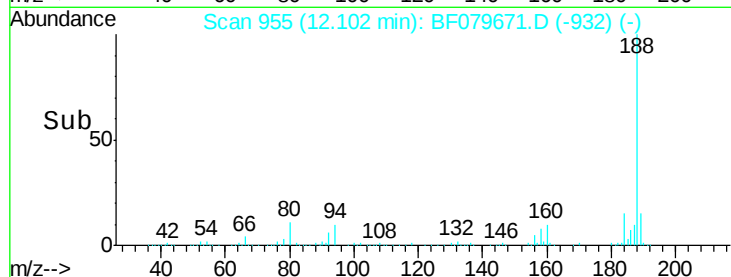
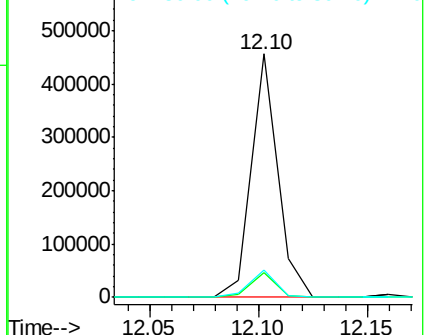
80 11.0 6.2 9.2#



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: 36.96 ng

RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

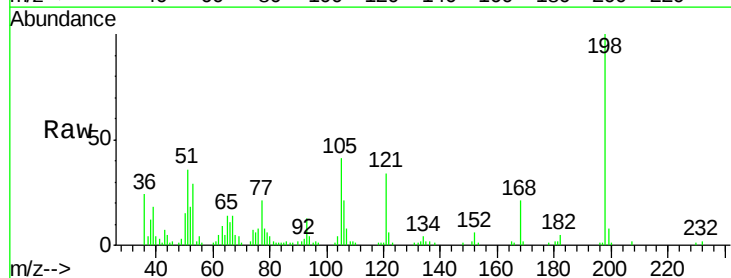
Tgt Ion:198 Resp: 38835

Ion Ratio Lower Upper

198 100

51 35.8 46.1 86.1#

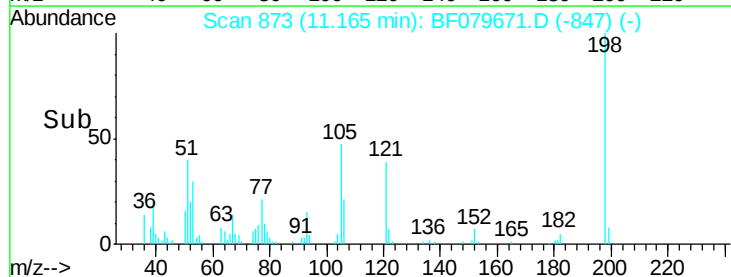
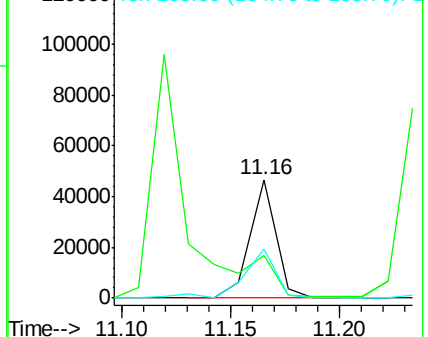
105 41.1 34.6 74.6

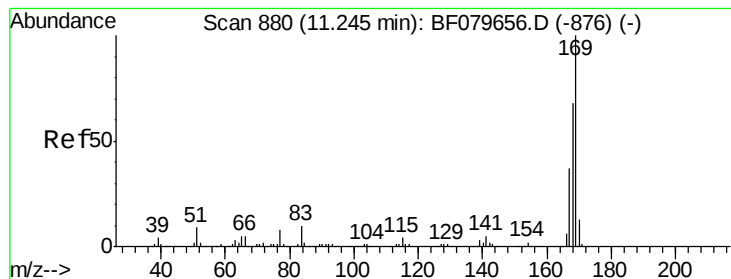


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.63 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

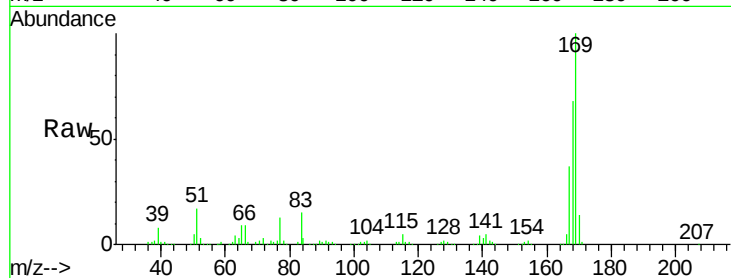
Tgt Ion:169 Resp: 382091

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

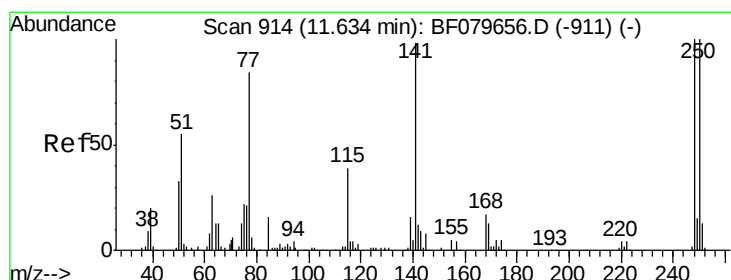
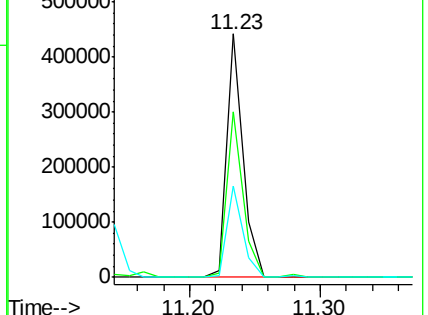
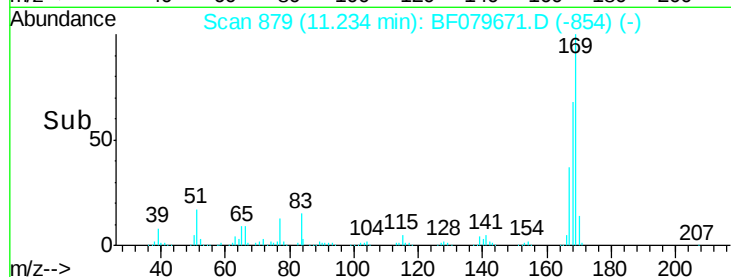
167 37.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.79 ng

RT: 11.62 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

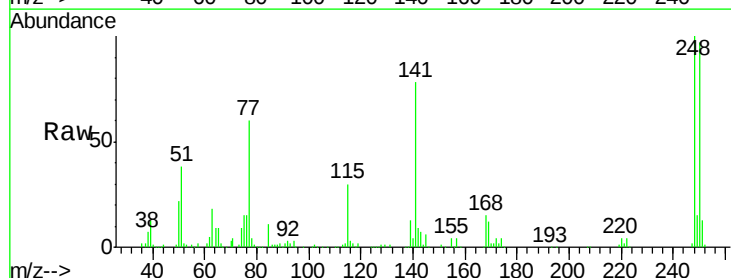
Tgt Ion:248 Resp: 165193

Ion Ratio Lower Upper

248 100

250 97.5 80.0 120.0

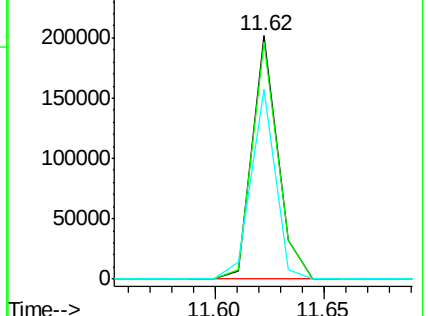
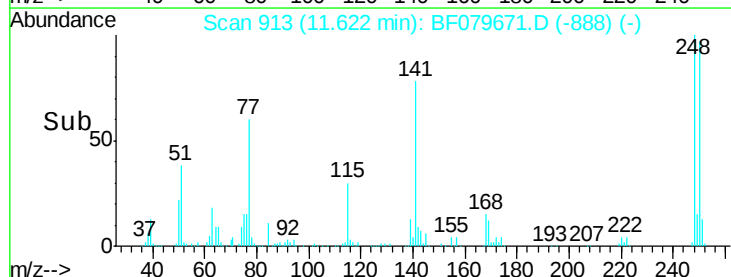
141 78.2 78.8 118.2#

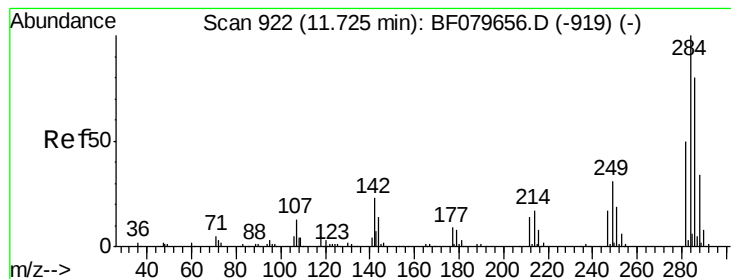


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.17 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

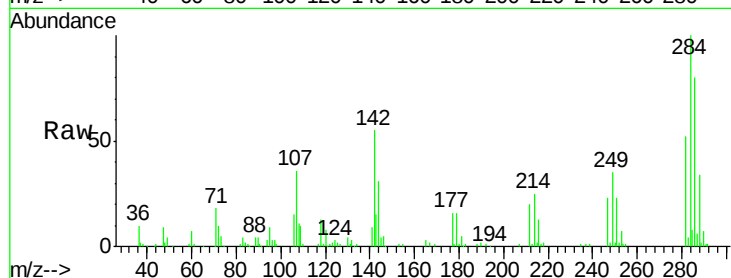
Tgt Ion:284 Resp: 173167

Ion Ratio Lower Upper

284 100

142 54.6 18.6 28.0#

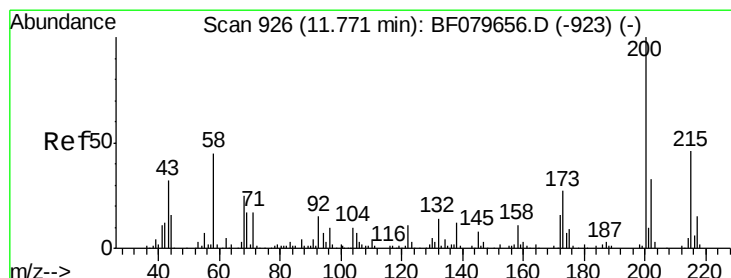
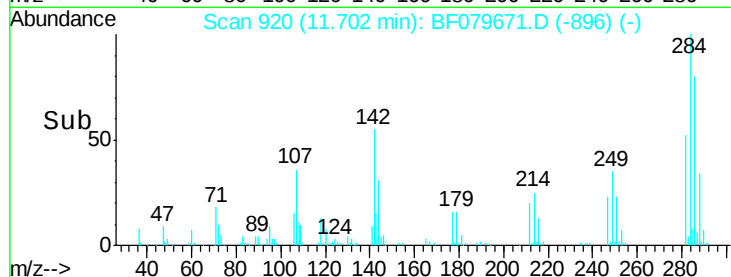
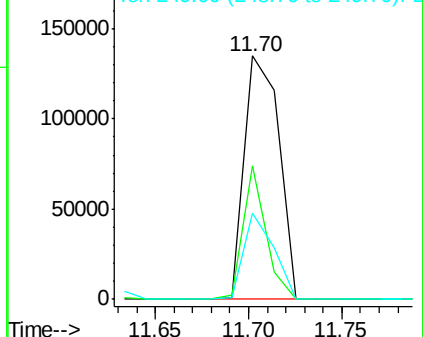
249 35.4 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 18.74 ng

RT: 11.75 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

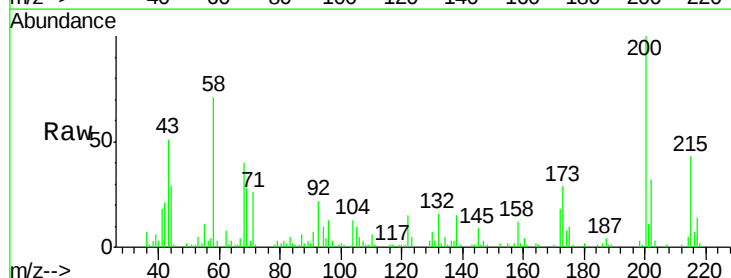
Tgt Ion:200 Resp: 57985

Ion Ratio Lower Upper

200 100

173 29.4 6.7 46.7

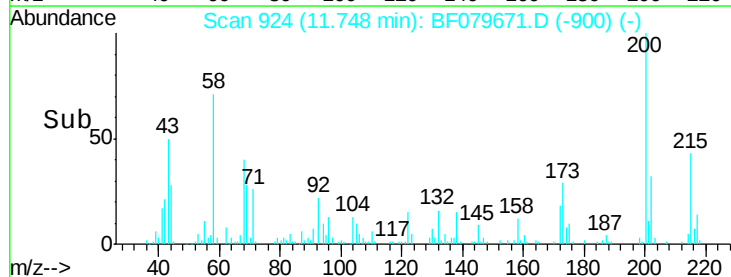
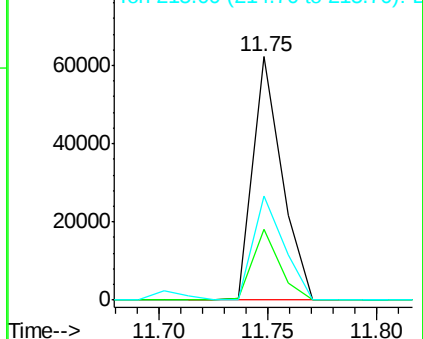
215 43.0 26.1 66.1

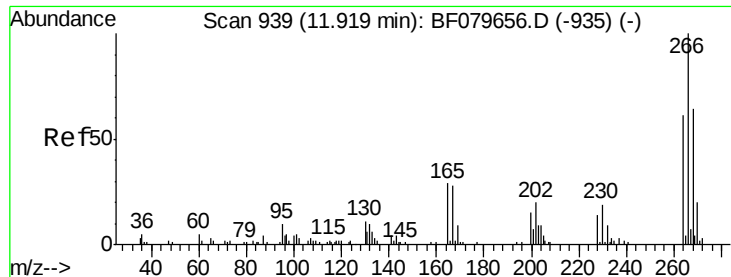


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

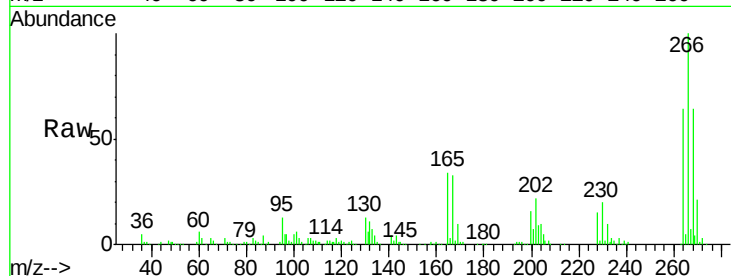




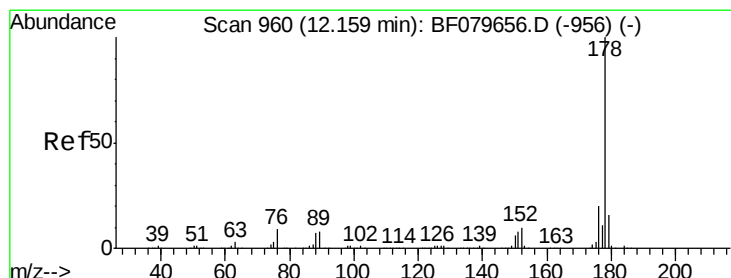
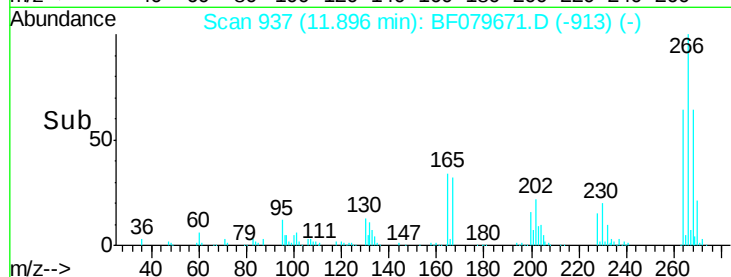
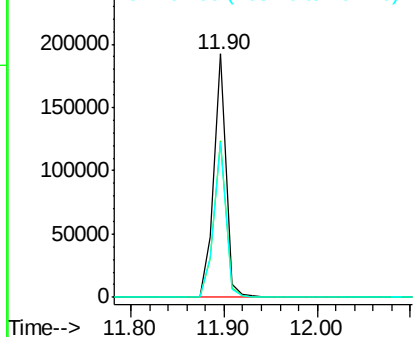
#69
 Pentachlorophenol
 Concen: 106.60 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion:266 Resp: 177141
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.4
 264 63.8 48.6 72.8

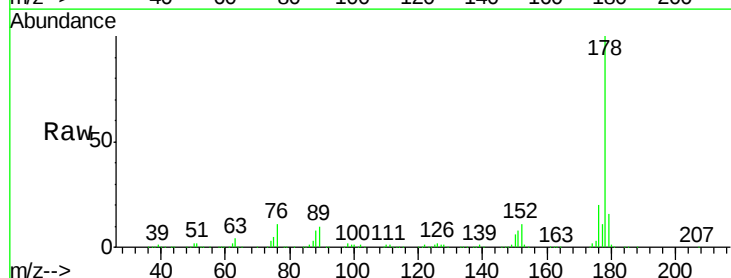


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

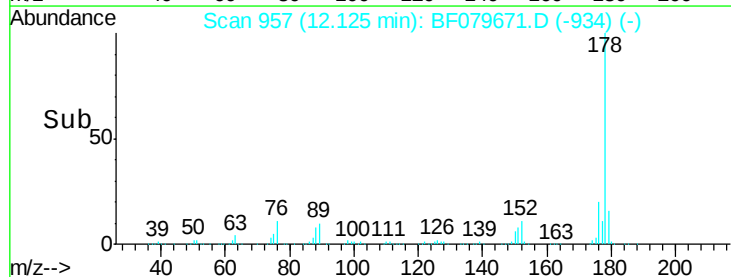
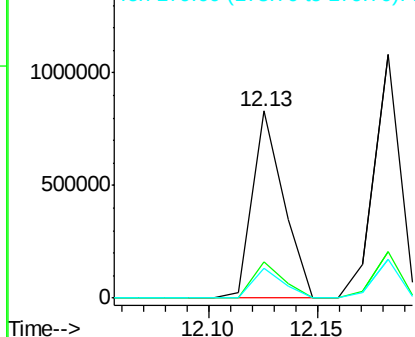


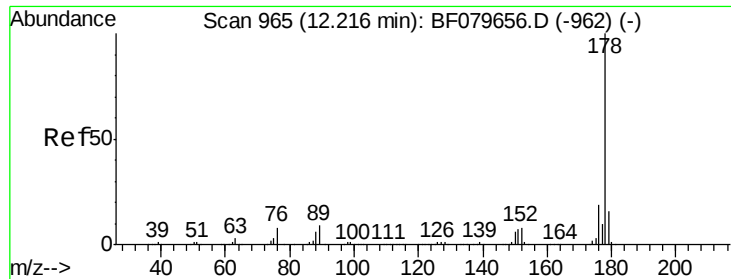
#70
 Phenanthrene
 Concen: 38.93 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:178 Resp: 827999
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 16.2 12.7 19.1



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

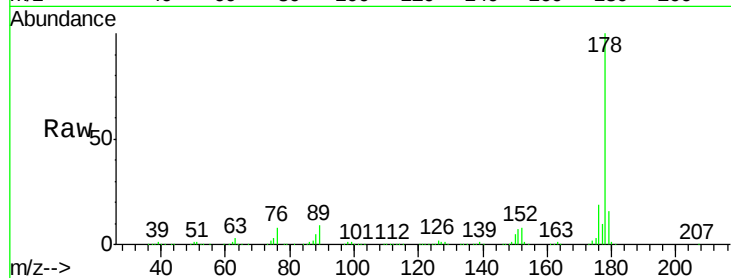




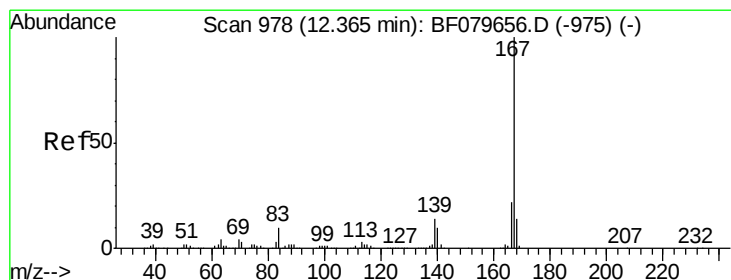
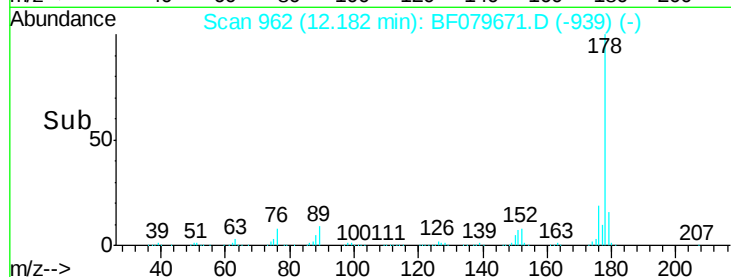
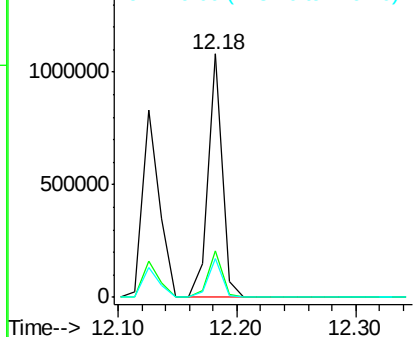
#71
 Anthracene
 Concen: 41.92 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MSD

Tgt Ion:178 Resp: 897238
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 16.0 12.6 19.0

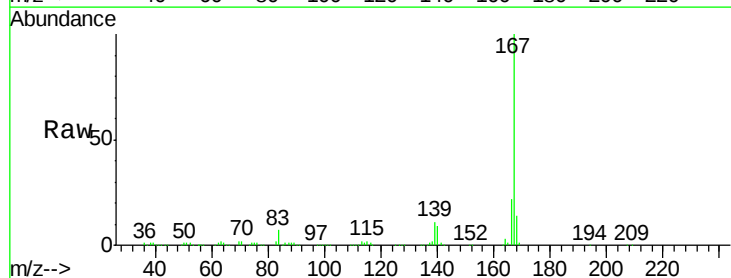


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

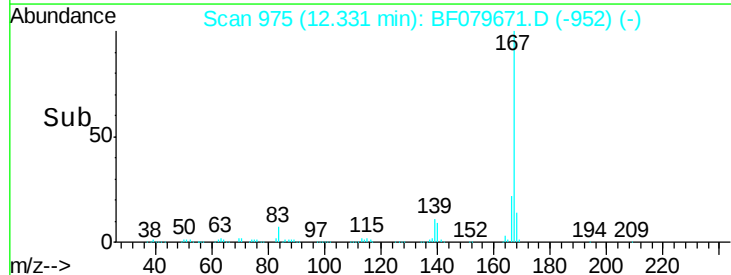
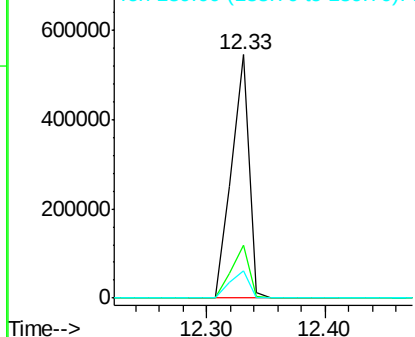


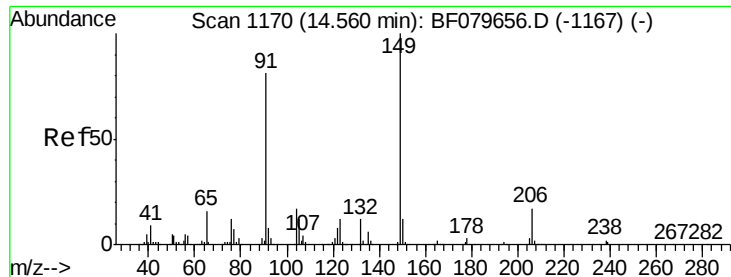
#72
 Carbazole
 Concen: 28.54 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF079671.D
 Acq: 3 Jun 2015 19:40

Tgt Ion:167 Resp: 560814
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 11.4 11.3 16.9



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: 45.57 ng

RT: 14.34 min Scan# 1151

Delta R.T. -0.22 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

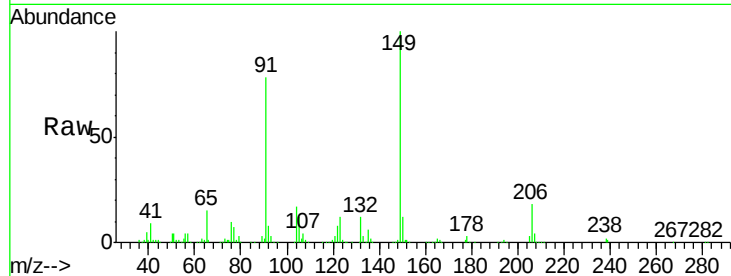
Tgt Ion:149 Resp: 371484

Ion Ratio Lower Upper

149 100

150 11.6 9.5 14.3

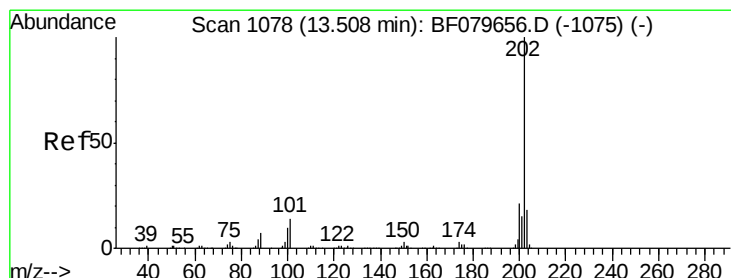
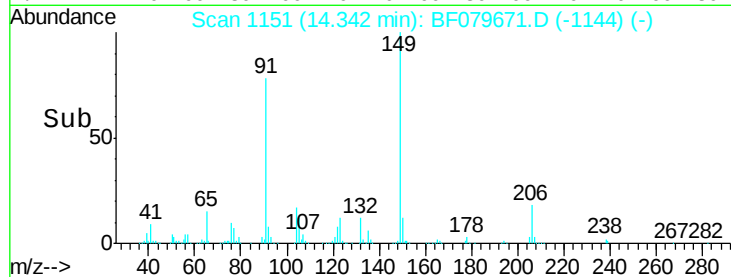
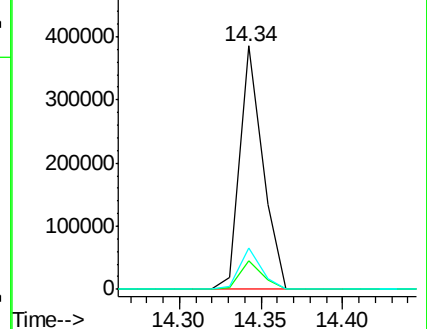
104 17.0 13.8 20.6



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: 41.22 ng

RT: 13.41 min Scan# 1069

Delta R.T. -0.10 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

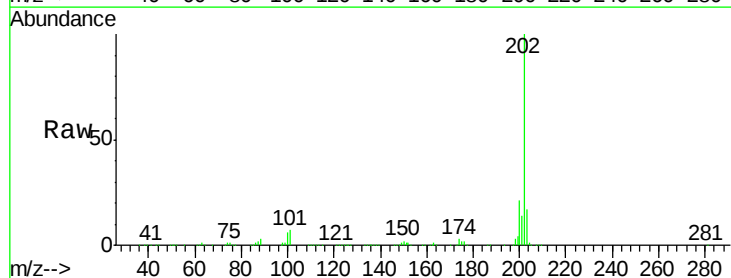
Tgt Ion:202 Resp: 945487

Ion Ratio Lower Upper

202 100

101 7.0 0.0 34.0

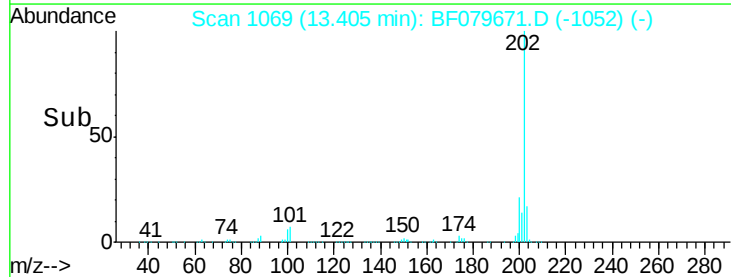
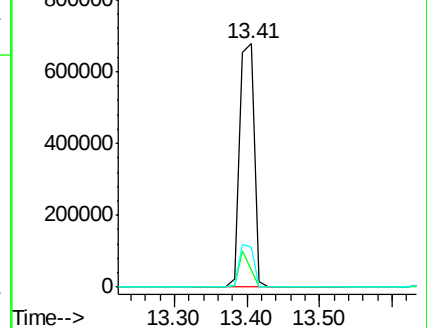
203 16.7 0.0 37.9

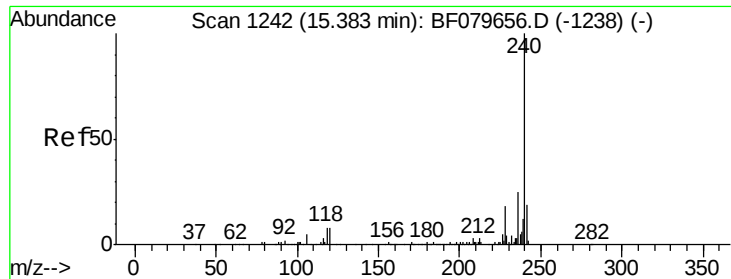


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1216

Delta R.T. -0.30 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

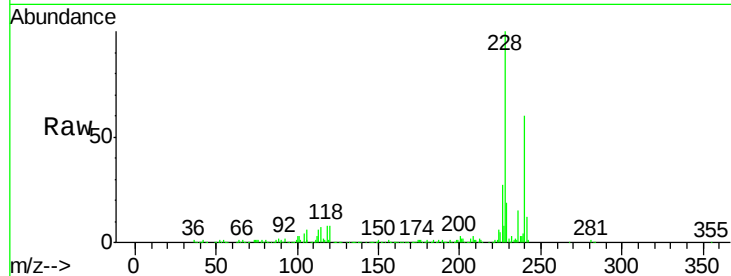
Tgt Ion:240 Resp: 407595

Ion Ratio Lower Upper

240 100

120 14.0 6.4 9.6#

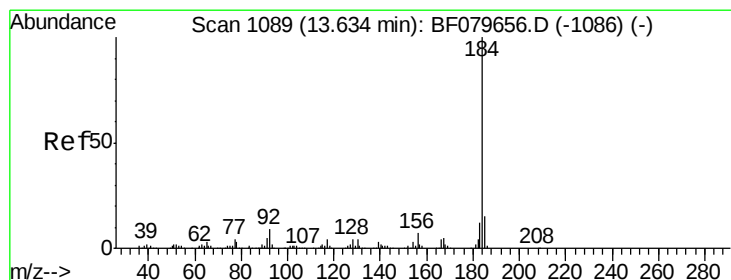
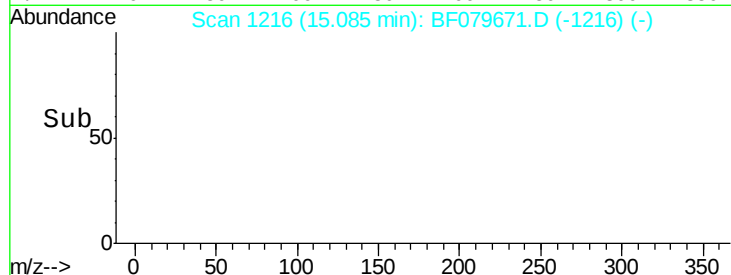
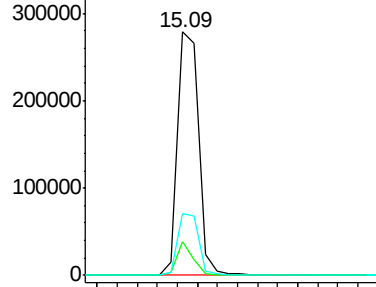
236 25.6 20.2 30.4



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: 2.11 ng

RT: 13.52 min Scan# 1079

Delta R.T. -0.11 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

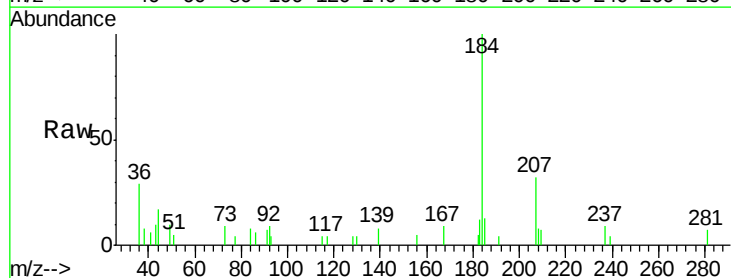
Tgt Ion:184 Resp: 19549

Ion Ratio Lower Upper

184 100

185 13.2 11.8 17.6

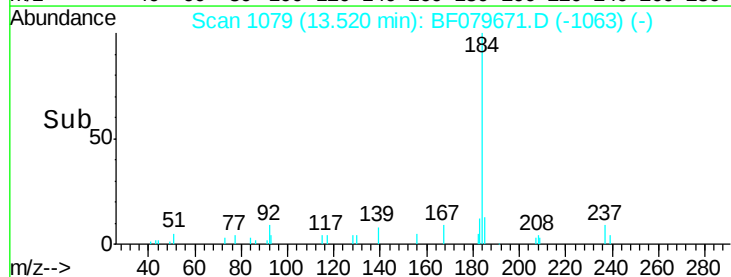
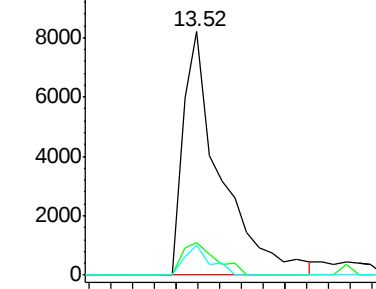
183 12.5 9.2 13.8

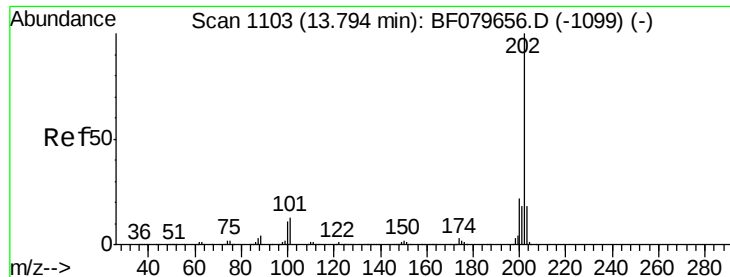


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.29 ng

RT: 13.41 min Scan# 1069

Delta R.T. -0.39 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

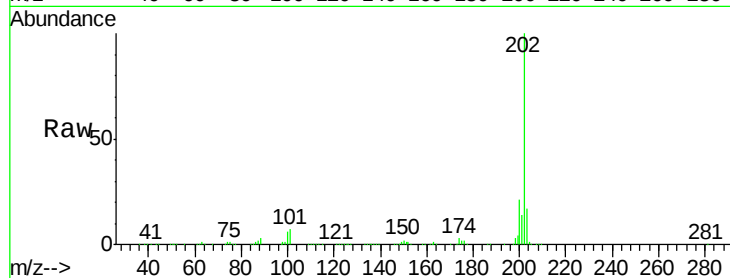
Tgt Ion:202 Resp: 945487

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.0

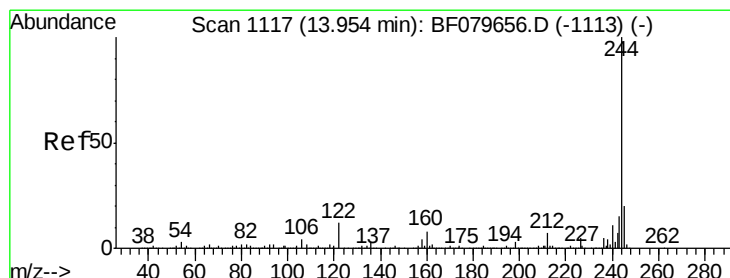
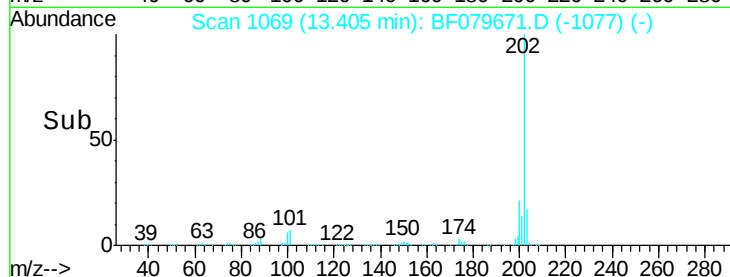
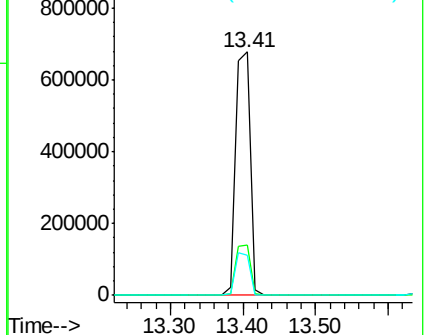
203 16.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.72 ng

RT: 13.81 min Scan# 1104

Delta R.T. -0.15 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

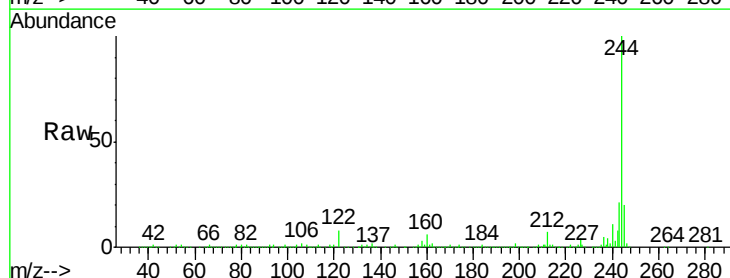
Tgt Ion:244 Resp: 1255230

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

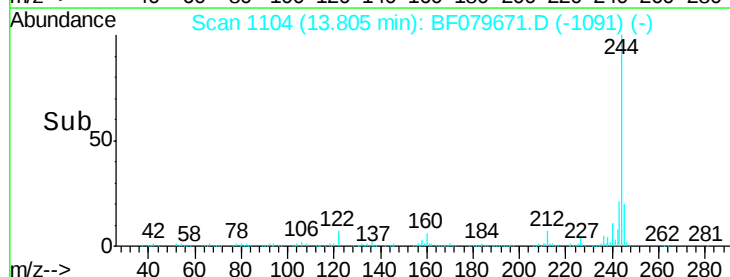
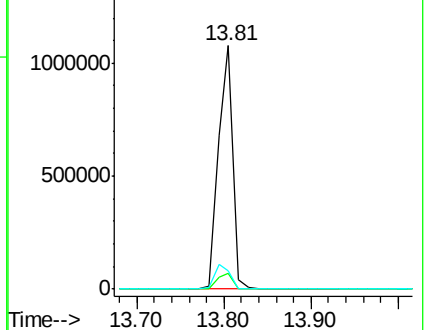
122 7.6 9.8 14.6#

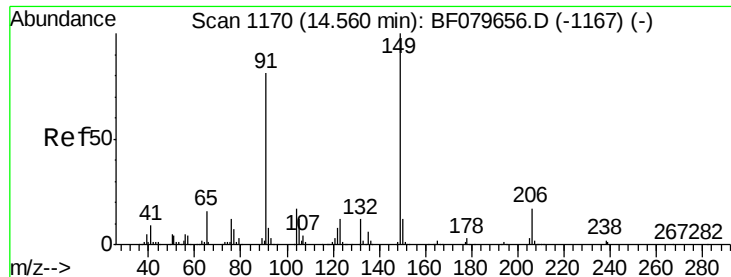


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

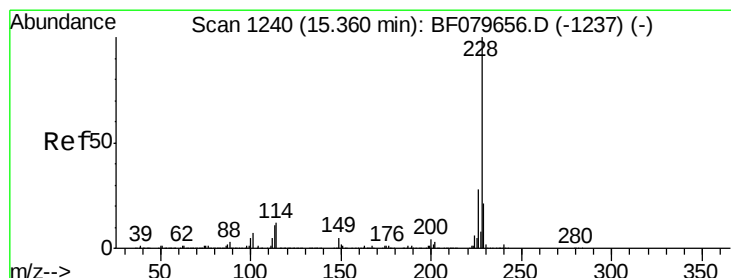
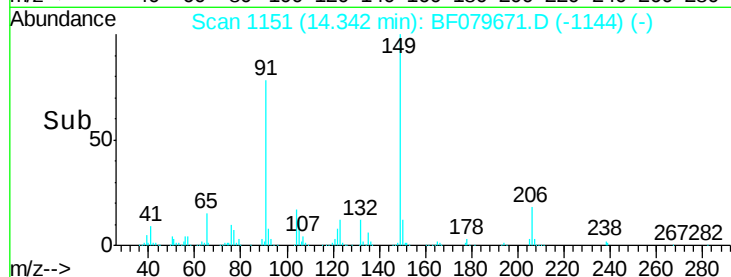
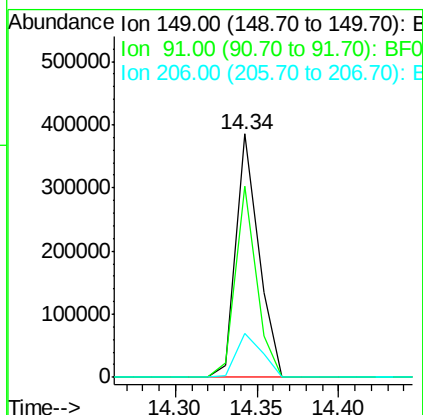
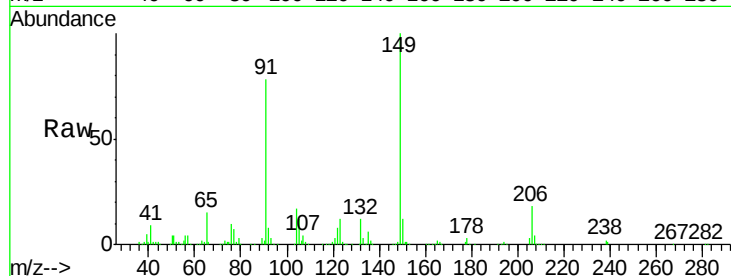




#79
Butylbenzylphthalate
Concen: 46.22 ng
RT: 14.34 min Scan# 1151
Delta R.T. -0.22 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

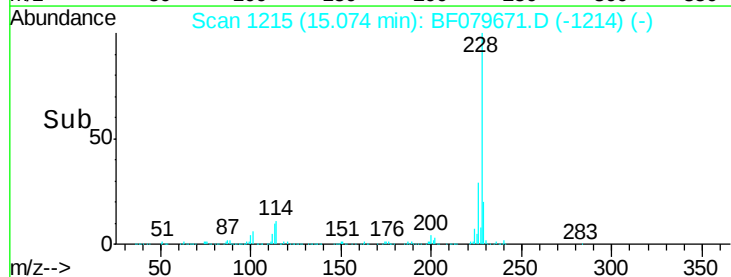
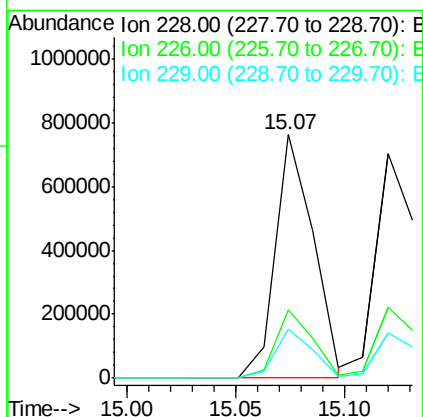
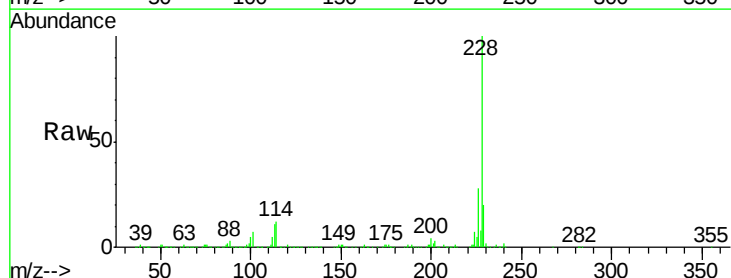
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

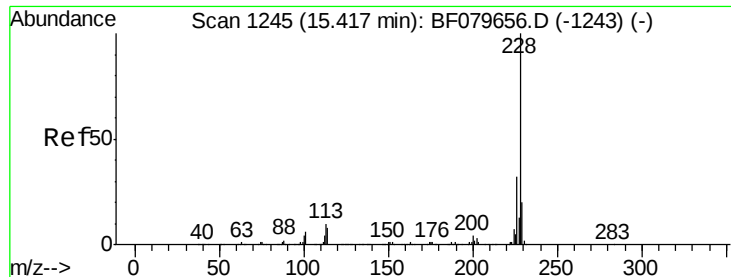
Tgt Ion:149 Resp: 371484
Ion Ratio Lower Upper
149 100
91 78.4 64.4 96.6
206 18.0 13.6 20.4



#80
Benzo(a)anthracene
Concen: 41.74 ng
RT: 15.07 min Scan# 1215
Delta R.T. -0.29 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:228 Resp: 930334
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 20.4 16.6 24.8





#82

Chrysene

Concen: 40.55 ng

RT: 15.12 min Scan# 1219

Delta R.T. -0.30 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

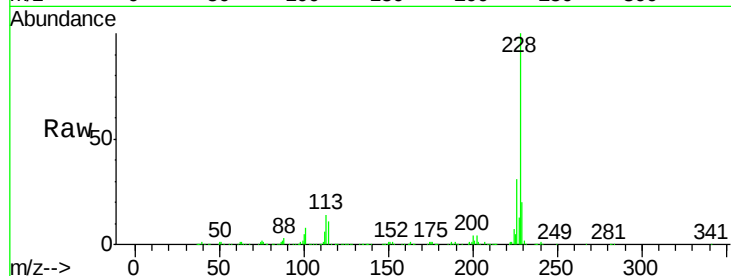
Tgt Ion:228 Resp: 909387

Ion Ratio Lower Upper

228 100

226 31.3 25.2 37.8

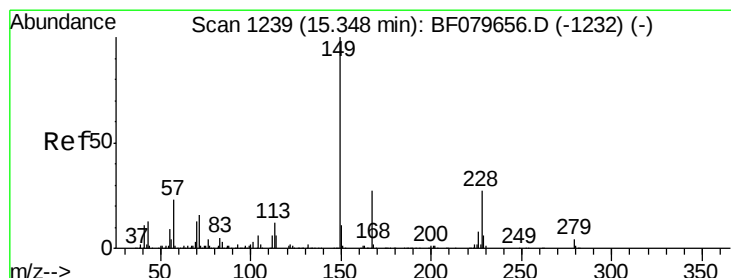
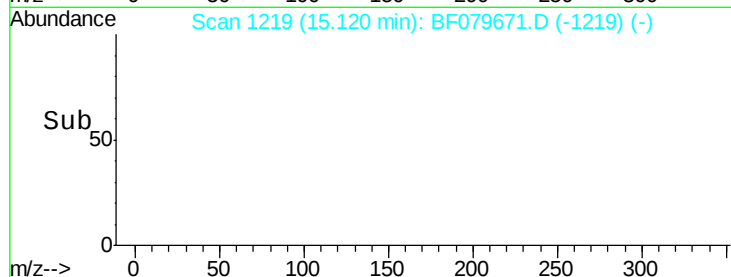
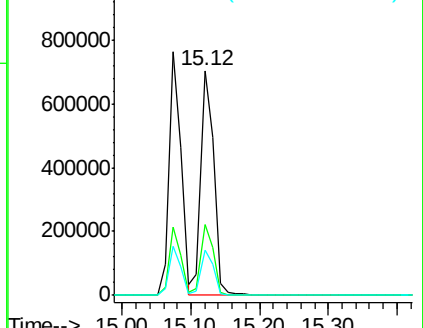
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.89 ng

RT: 15.04 min Scan# 1212

Delta R.T. -0.31 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

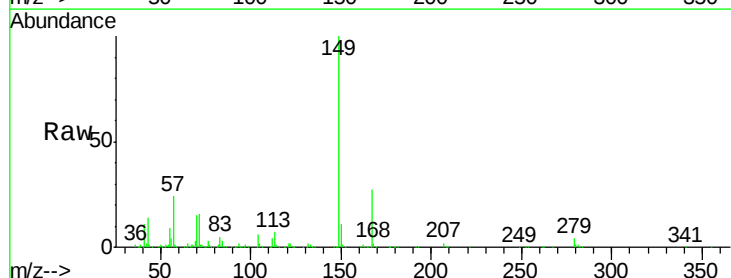
Tgt Ion:149 Resp: 583098

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

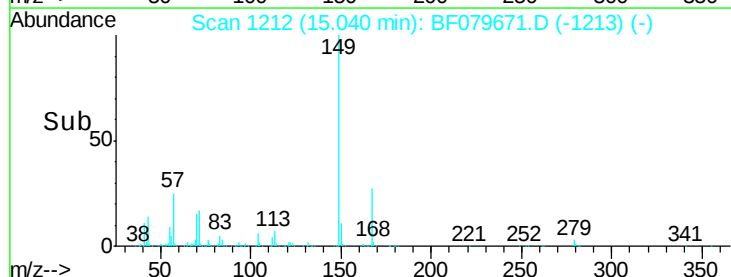
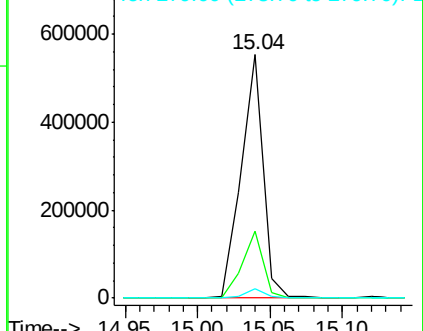
279 3.6 3.1 4.7

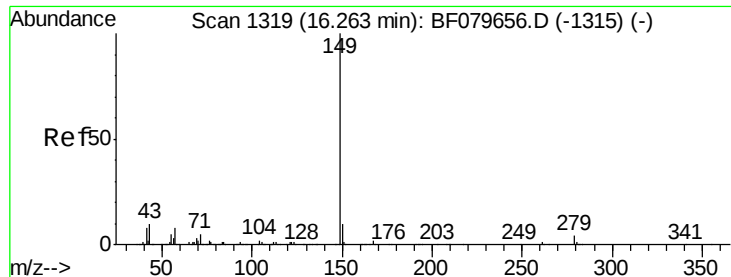


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

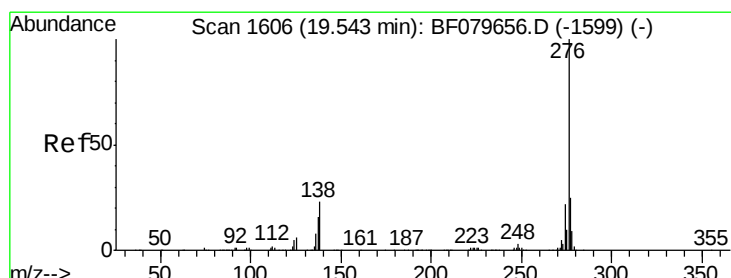
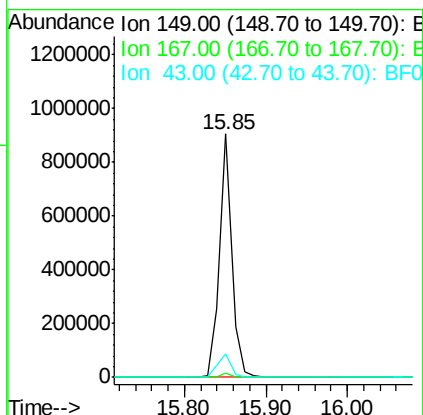
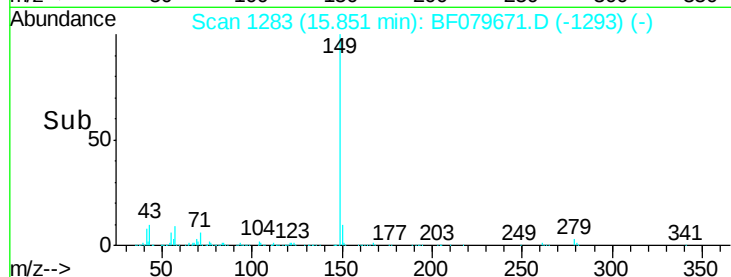
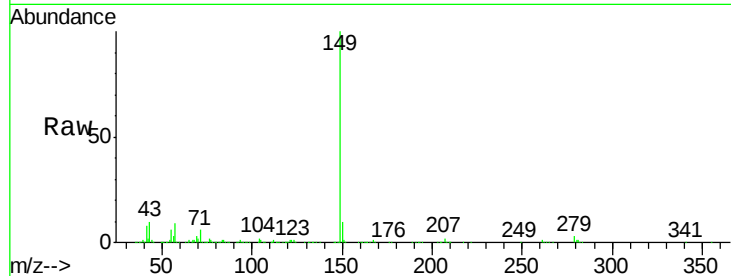




#84
Di-n-octyl phthalate
Concen: 48.03 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.41 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

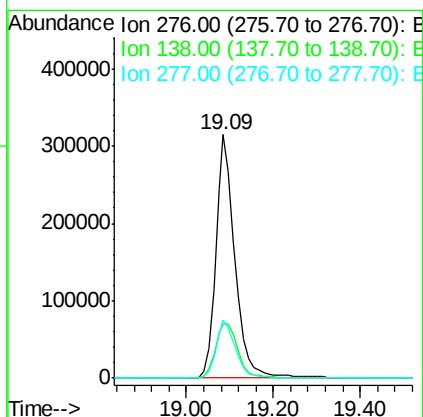
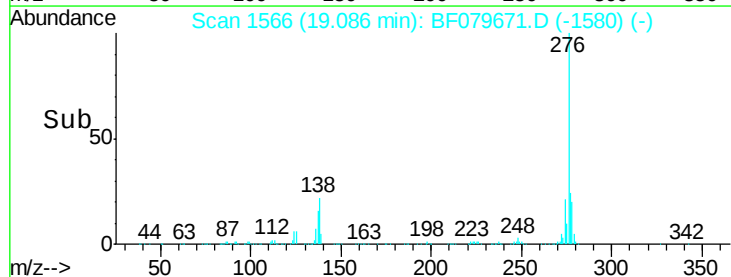
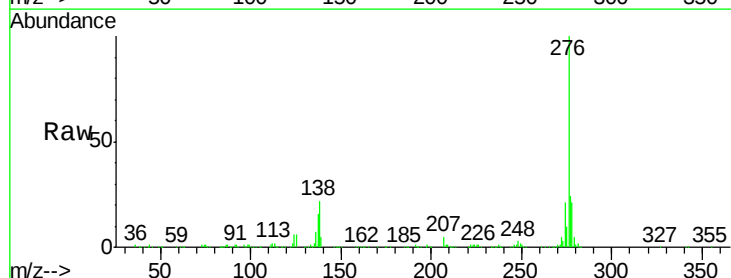
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

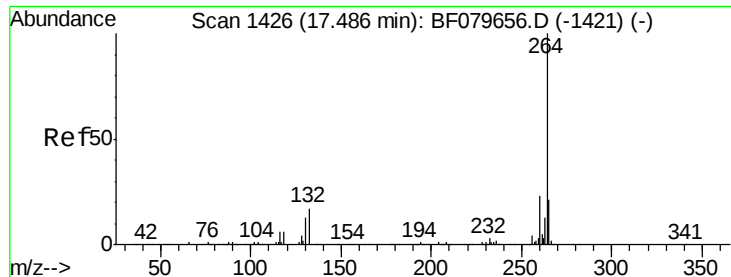
Tgt Ion:149 Resp: 952116
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.4 14.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.30 ng
RT: 19.09 min Scan# 1566
Delta R.T. -0.46 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:276 Resp: 971441
Ion Ratio Lower Upper
276 100
138 26.7 21.9 32.9
277 24.5 20.2 30.4

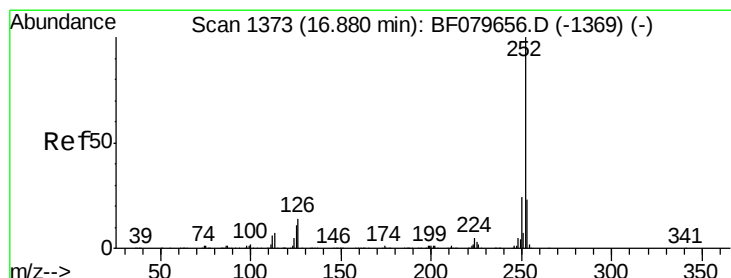
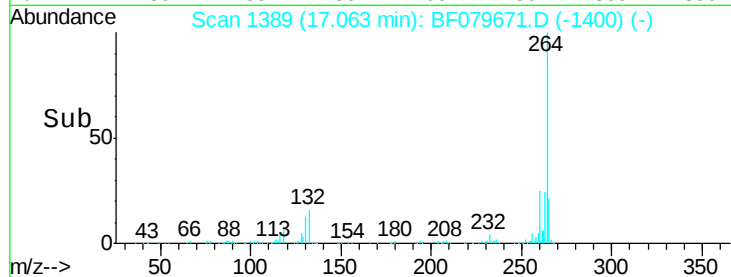
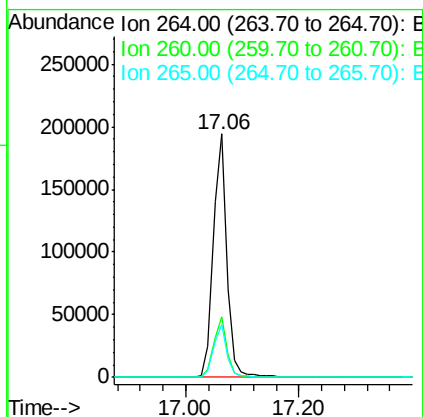
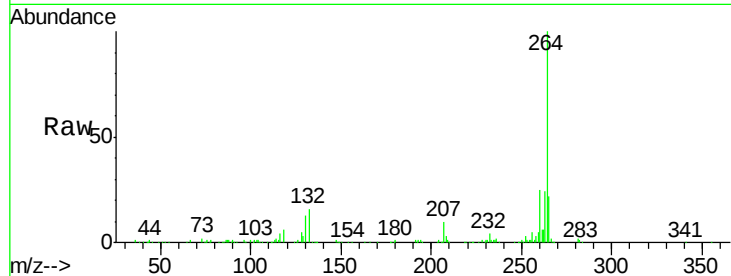




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.42 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

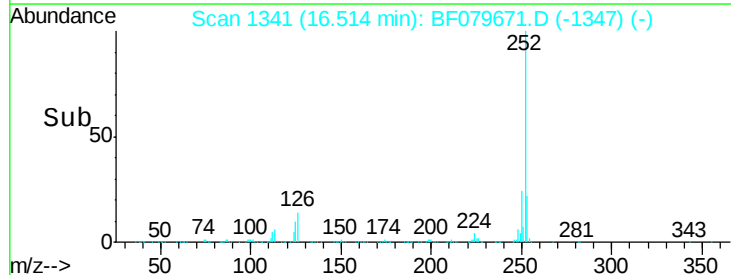
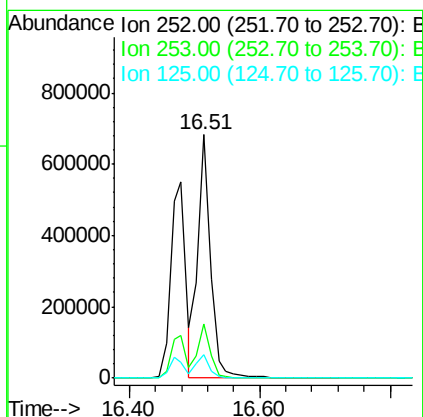
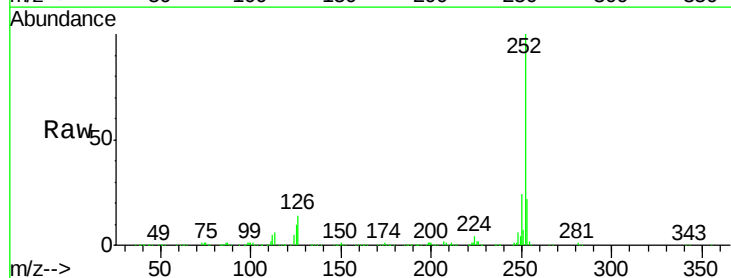
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

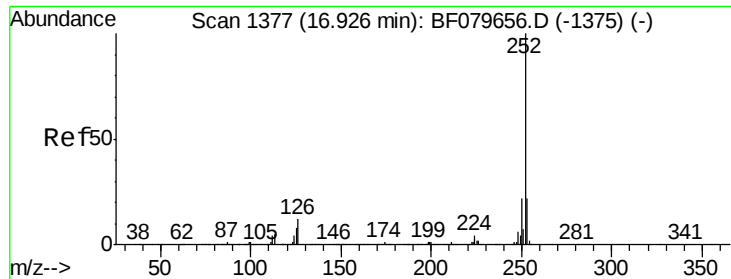
Tgt Ion: 264 Resp: 316159
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.5 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 55.85 ng
RT: 16.51 min Scan# 1341
Delta R.T. -0.37 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion: 252 Resp: 912461
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.8 8.7 13.1

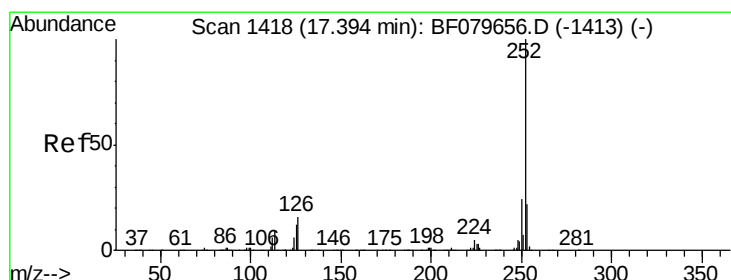
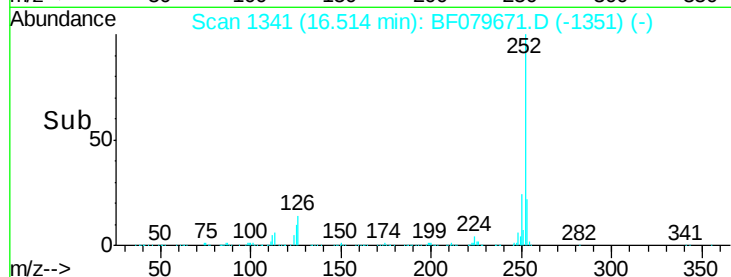
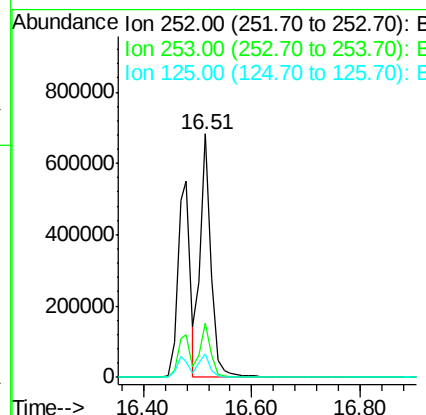
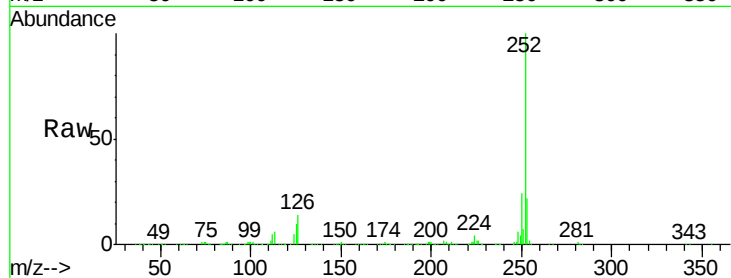




#88
Benzo(k)fluoranthene
Concen: 47.96 ng
RT: 16.51 min Scan# 1341
Delta R.T. -0.41 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

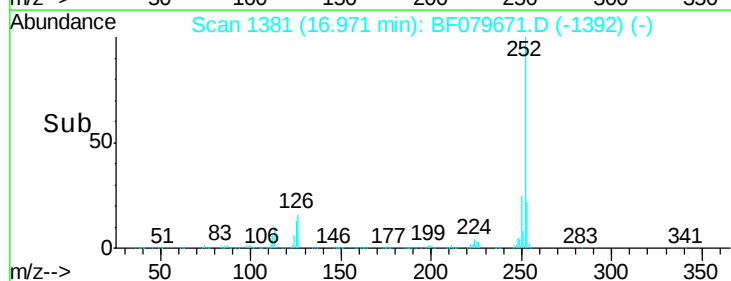
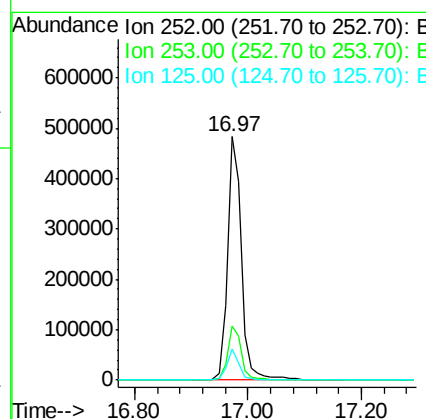
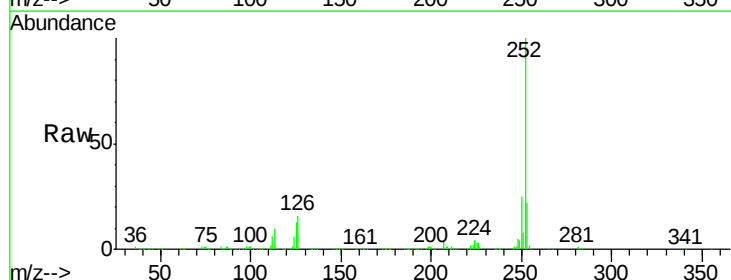
Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

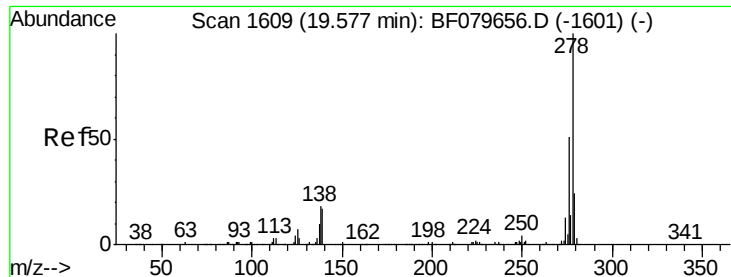
Tgt Ion:252 Resp: 918010
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.8 7.1 10.7



#89
Benzo(a)pyrene
Concen: 51.44 ng
RT: 16.97 min Scan# 1381
Delta R.T. -0.42 min
Lab File: BF079671.D
Acq: 3 Jun 2015 19:40

Tgt Ion:252 Resp: 821781
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.6 9.4 14.0





#90

Dibenzo(a,h)anthracene

Concen: 54.42 ng

RT: 19.11 min Scan# 1568

Delta R.T. -0.47 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

Instrument :

BNA_F

ClientSampleId :

WC-052915MSD

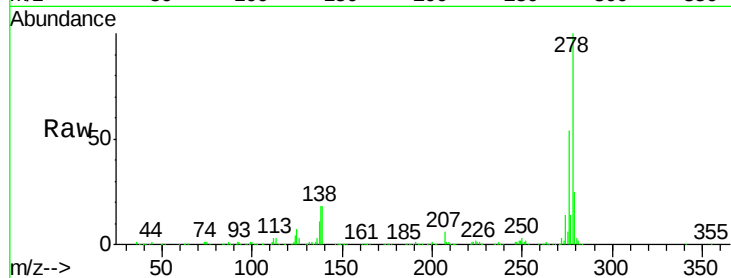
Tgt Ion:278 Resp: 814527

Ion Ratio Lower Upper

278 100

139 17.8 13.7 20.5

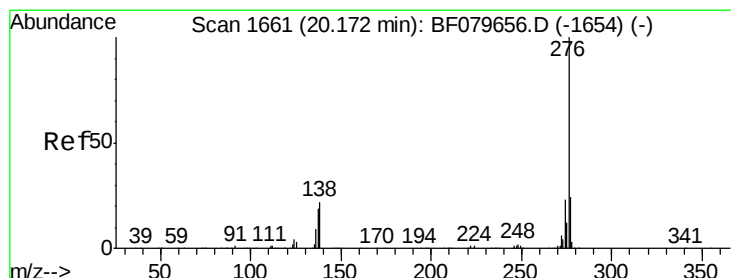
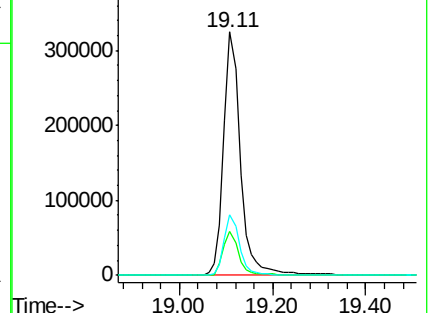
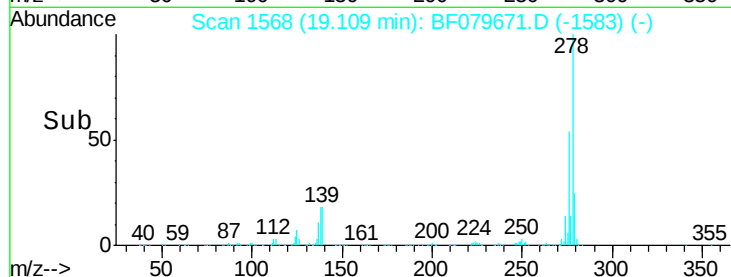
279 24.6 19.6 29.4



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: 50.36 ng

RT: 19.70 min Scan# 1620

Delta R.T. -0.47 min

Lab File: BF079671.D

Acq: 3 Jun 2015 19:40

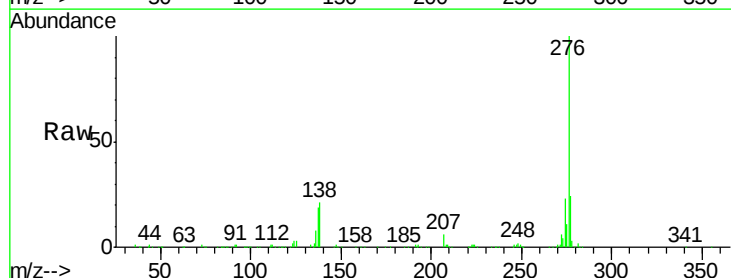
Tgt Ion:276 Resp: 799599

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 21.1 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

