

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079384.D
 Acq On : 20 May 2015 18:03
 Operator : TP/IZ
 Sample : G2305-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

Quant Time: May 21 01:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	69294	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	281308	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	137794	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	262309	20.00	ng	0.00
75) Chrysene-d12	15.97	240	273470	20.00	ng	-0.01
86) Perylene-d12	17.73	264	278816	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	465865	115.73	ng	0.00
7) Phenol-d6	6.66	99	590976	111.06	ng	0.00
23) Nitrobenzene-d5	7.78	82	338636	69.18	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	175385	117.65	ng	0.00
44) 2-Fluorobiphenyl	10.01	172	649741	65.69	ng	0.00
78) Terphenyl-d14	14.66	244	766546	67.11	ng	-0.01

Target Compounds

						Qvalue
6) Aniline	6.67	93	141574	18.85	ng	# 38
8) 2-Chlorophenol	6.82	128	173998	38.11	ng	86
9) Benzaldehyde	6.54	77	29525	8.24	ng	98
10) Phenol	6.68	94	214016	34.67	ng	88
11) bis(2-Chloroethyl)ether	6.79	93	156651	34.62	ng	98
12) 1,3-Dichlorobenzene	7.00	146	172398	33.59	ng	# 90
13) 1,4-Dichlorobenzene	7.11	146	181253	34.32	ng	98
14) 1,2-Dichlorobenzene	7.29	146	174446	35.48	ng	99
15) Benzyl Alcohol	7.28	79	138459	35.05	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.46	45	232540	33.59	ng	93
17) 2-Methylphenol	7.43	107	134818	36.69	ng	95
18) Hexachloroethane	7.70	117	60509	33.26	ng	# 84
19) n-Nitroso-di-n-propylamine	7.61	70	123796	34.45	ng	98
20) 3+4-Methylphenols	7.62	107	177086	36.17	ng	# 46
22) Acetophenone	7.60	105	237695	37.40	ng	# 89
24) Nitrobenzene	7.80	77	170456	35.13	ng	92
25) Isophorone	8.11	82	321529	35.43	ng	99
26) 2-Nitrophenol	8.20	139	82968	41.32	ng	94
27) 2,4-Dimethylphenol	8.27	122	150187	37.37	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	198063	35.41	ng	98
29) 2,4-Dichlorophenol	8.50	162	144125	40.34	ng	94
30) 1,2,4-Trichlorobenzene	8.60	180	140229	35.73	ng	95
31) Naphthalene	8.70	128	492735	36.76	ng	99
32) Benzoic acid	8.36	122	19835	13.16	ng	98
33) 4-Chloroaniline	8.78	127	126586	22.32	ng	# 88
34) Hexachlorobutadiene	8.84	225	77968	34.49	ng	99
35) Caprolactam	9.20	113	41652	36.05	ng	# 79
36) 4-Chloro-3-methylphenol	9.38	107	143941	38.35	ng	86
37) 2-Methylnaphthalene	9.55	142	347701	37.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	136646	35.21	ng	98
40) Hexachlorocyclopentadiene	9.74	237	92903	47.61	ng	93
42) 2,4,6-Trichlorophenol	9.91	196	93828	35.17	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	100748	37.35	ng	# 94
45) 1,1'-Biphenyl	10.14	154	399349	36.46	ng	99

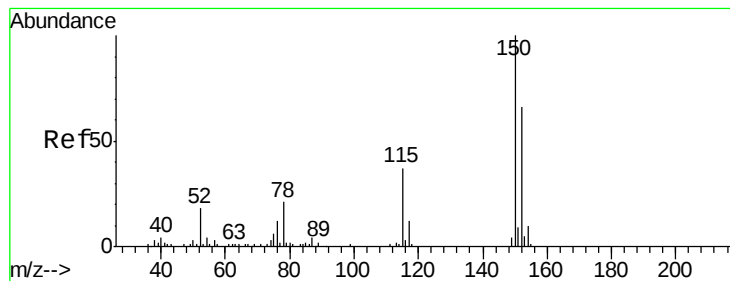
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.15	162	303246	35.49	ng	96
47) 2-Nitroaniline	10.28	65	93568	37.79	ng	# 85
48) Acenaphthylene	10.66	152	507784	36.19	ng	98
49) Dimethylphthalate	10.52	163	431083	42.63	ng	99
50) 2,6-Dinitrotoluene	10.59	165	74421	37.29	ng	# 48
51) Acenaphthene	10.88	154	282614	33.78	ng	100
52) 3-Nitroaniline	10.80	138	76818	30.81	ng	85
53) 2,4-Dinitrophenol	10.94	184	26710	45.24	ng	# 78
54) Dibenzofuran	11.08	168	436172	36.09	ng	96
55) 4-Nitrophenol	11.03	139	127169	64.45	ng	# 67
56) 2,4-Dinitrotoluene	11.10	165	103541	39.24	ng	98
57) Fluorene	11.52	166	357811	36.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.24	232	79081	35.88	ng	100
59) Diethylphthalate	11.40	149	353353	35.27	ng	95
60) 4-Chlorophenyl-phenylether	11.53	204	158108	35.93	ng	# 84
61) 4-Nitroaniline	11.55	138	91703	36.77	ng	92
62) Azobenzene	11.73	77	349186	35.37	ng	88
64) 4,6-Dinitro-2-methylphenol	11.60	198	35012	35.77	ng	80
65) n-Nitrosodiphenylamine	11.68	169	301114	34.47	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	95500	34.93	ng	95
67) Hexachlorobenzene	12.18	284	106678	34.14	ng	99
68) Atrazine	12.35	200	97834	38.51	ng	94
69) Pentachlorophenol	12.45	266	100643	57.18	ng	97
70) Phenanthrene	12.70	178	506620	34.52	ng	99
71) Anthracene	12.77	178	528959	36.74	ng	99
72) Carbazole	12.97	167	510727	37.22	ng	98
73) Di-n-butylphthalate	13.43	149	585744	35.60	ng	98
74) Fluoranthene	14.17	202	554378	36.25	ng	99
76) Benzidine	14.37	184	202654	27.50	ng	95
77) Pyrene	14.46	202	587232	37.26	ng	99
79) Butylbenzylphthalate	15.29	149	267950	38.90	ng	94
80) Benzo(a)anthracene	15.95	228	556205	37.14	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	163135	30.58	ng	# 99
82) Chrysene	15.99	228	494694	34.35	ng	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	391184	37.49	ng	# 97
84) Di-n-octyl phthalate	16.82	149	662276	36.04	ng	97
85) Indeno(1,2,3-cd)pyrene	19.09	276	675583	36.81	ng	100
87) Benzo(b)fluoranthene	17.27	252	655799	42.97	ng	98
88) Benzo(k)fluoranthene	17.27	252	655799	44.39	ng	# 97
89) Benzo(a)pyrene	17.66	252	541170	38.51	ng	98
90) Dibenzo(a,h)anthracene	19.11	278	547659	36.67	ng	97
91) Benzo(g,h,i)perylene	19.49	276	562054	37.55	ng	# 96

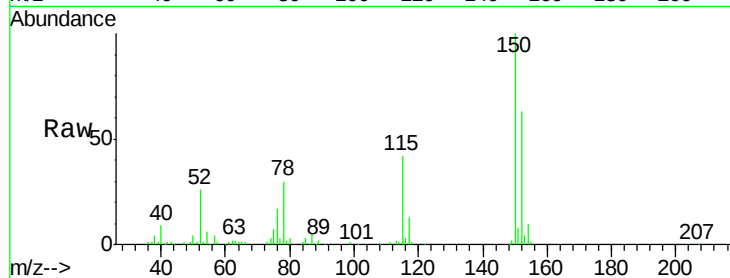
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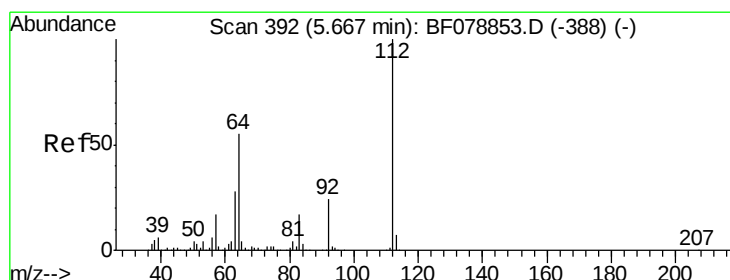
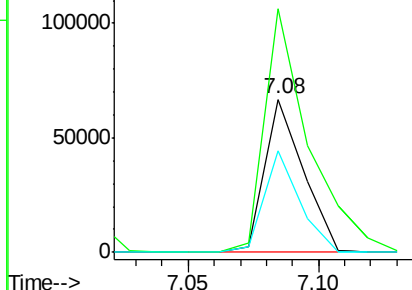
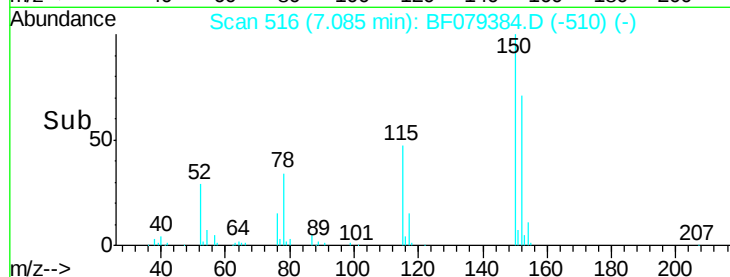
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.08 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

Tgt Ion:152 Resp: 69294
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.8 185.8
 115 66.3 49.4 74.0

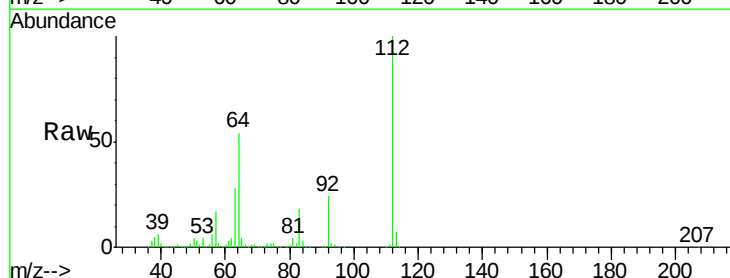


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

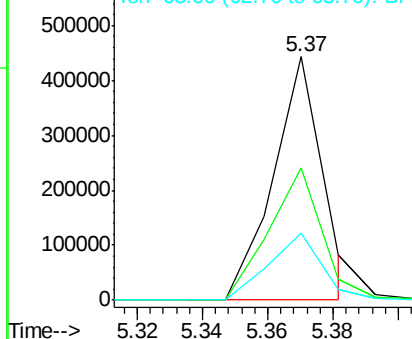
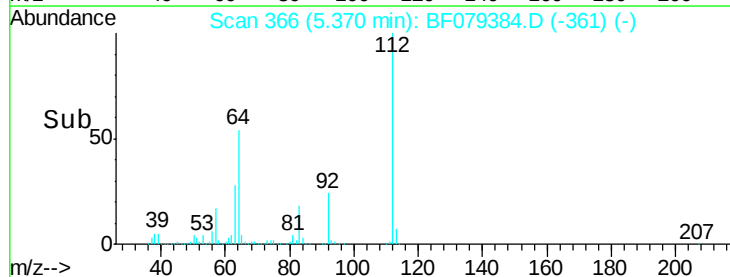


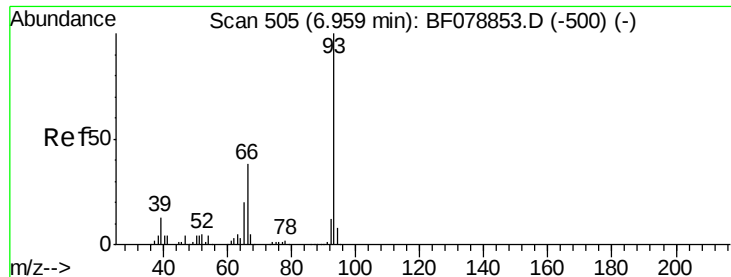
#5
 2-Fluorophenol
 Concen: 115.73 ng
 RT: 5.37 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion:112 Resp: 465865
 Ion Ratio Lower Upper
 112 100
 64 54.2 44.2 66.2
 63 27.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 18.85 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

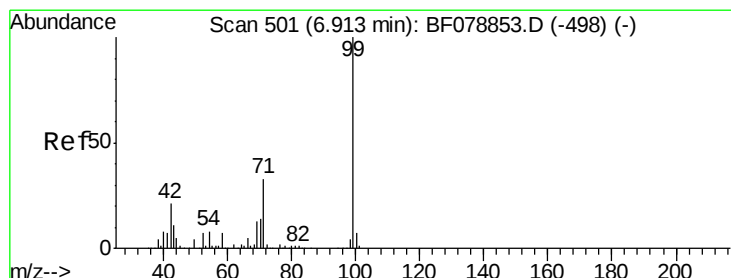
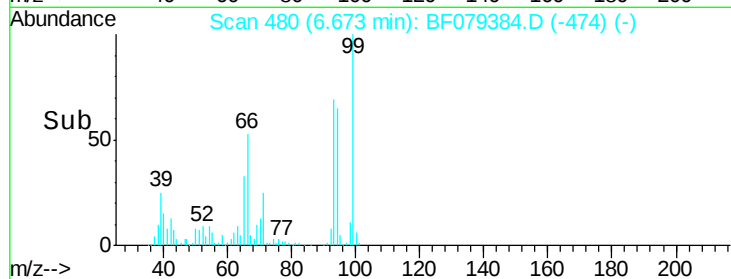
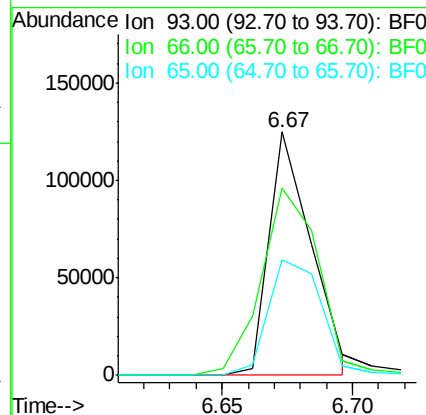
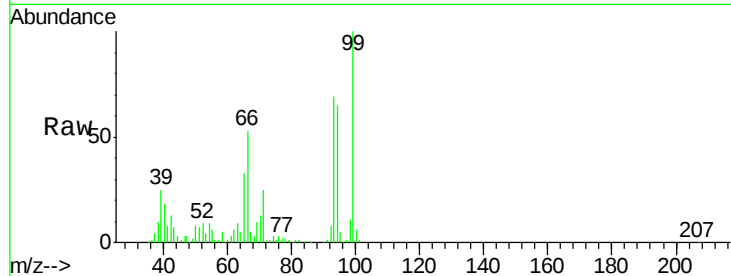
Tgt Ion: 93 Resp: 141574

Ion Ratio Lower Upper

93 100

66 77.0 30.7 46.1#

65 47.4 15.8 23.8#



#7

Phenol-d6

Concen: 111.06 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

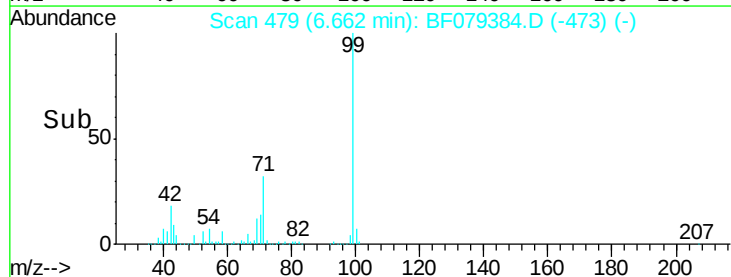
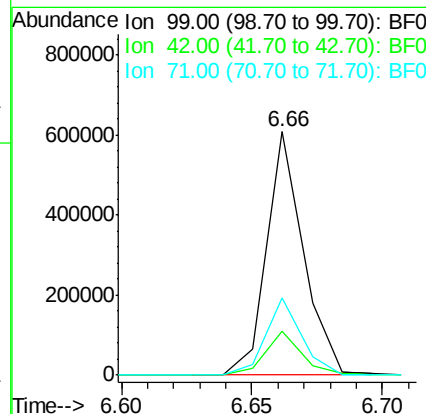
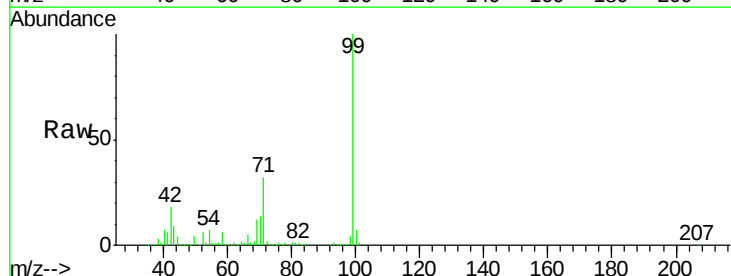
Tgt Ion: 99 Resp: 590976

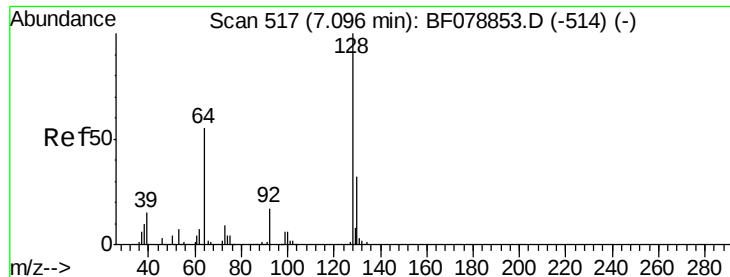
Ion Ratio Lower Upper

99 100

42 18.1 17.1 25.7

71 31.6 26.3 39.5





#8

2-Chlorophenol

Concen: 38.11 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

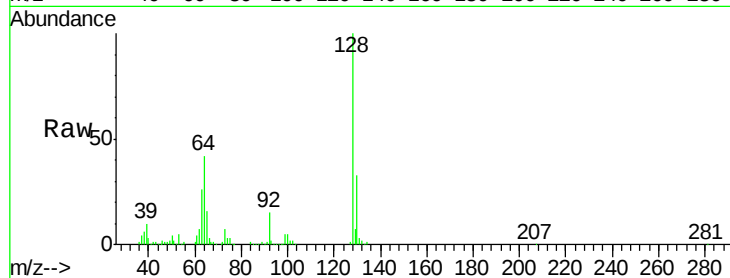
Tgt Ion:128 Resp: 173998

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 41.7 37.8 77.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

250000

200000

150000

100000

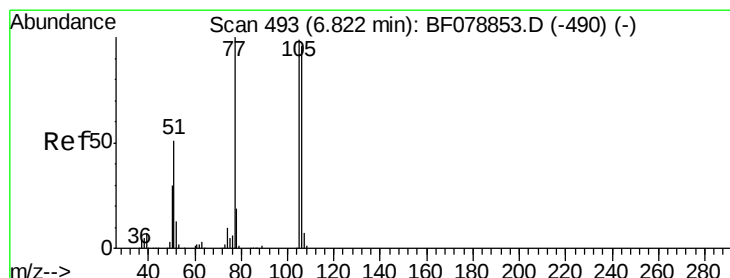
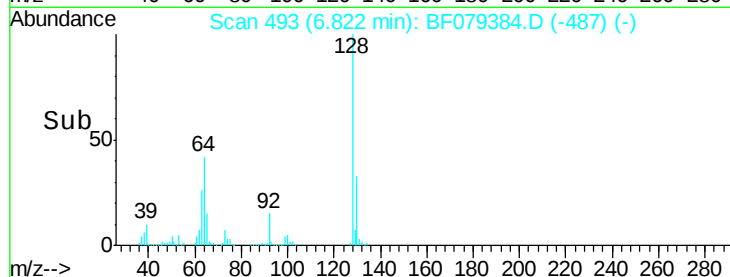
50000

0

6.82

6.80 6.85

Time-->



#9

Benzaldehyde

Concen: 8.24 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

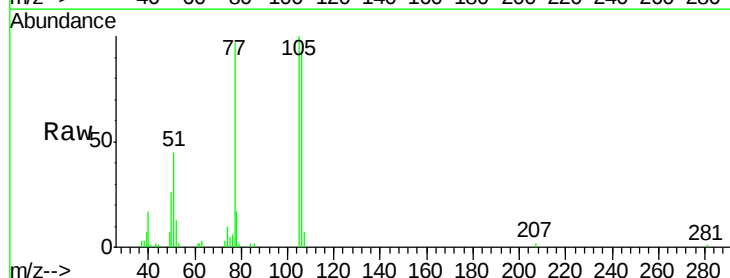
Tgt Ion: 77 Resp: 29525

Ion Ratio Lower Upper

77 100

105 103.3 78.9 118.9

106 95.9 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

40000

30000

20000

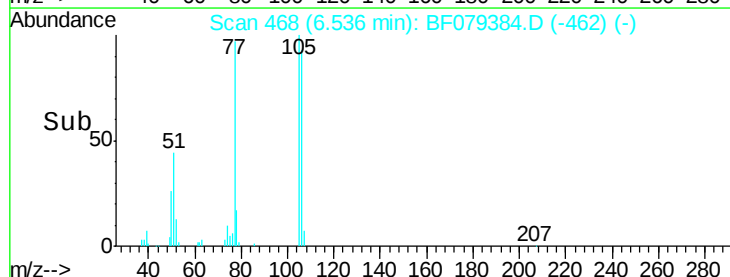
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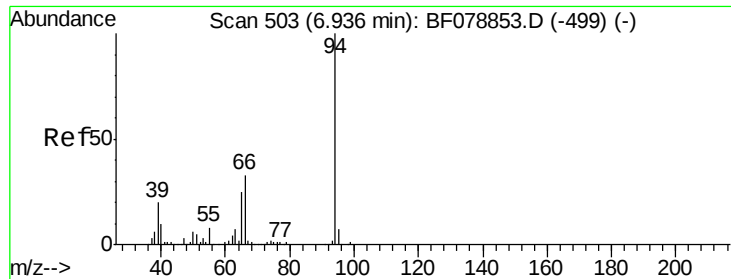
0

6.54

6.50 6.55

Time-->





#10

Phenol

Concen: 34.67 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF079384.D

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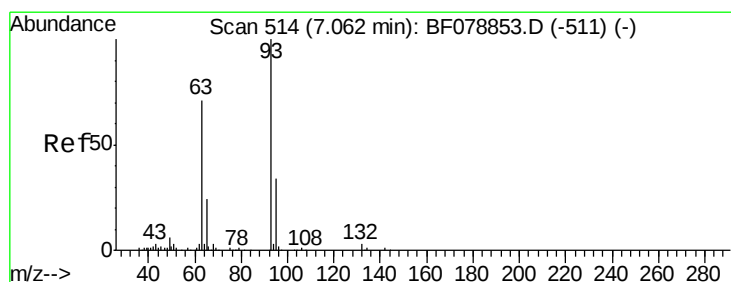
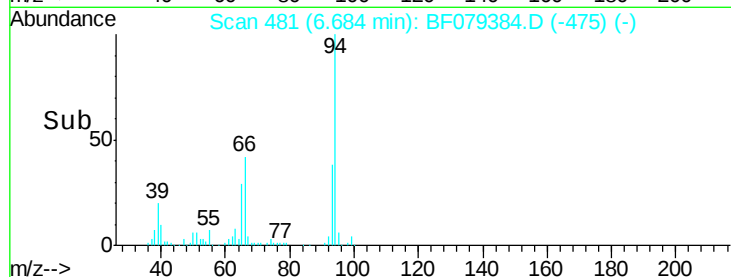
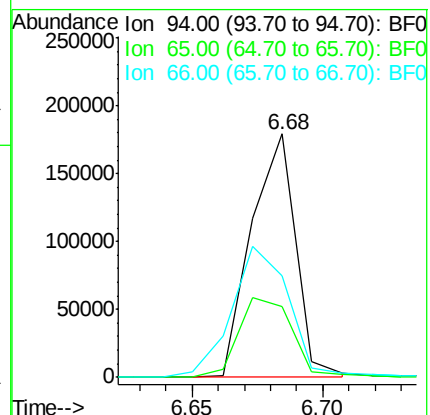
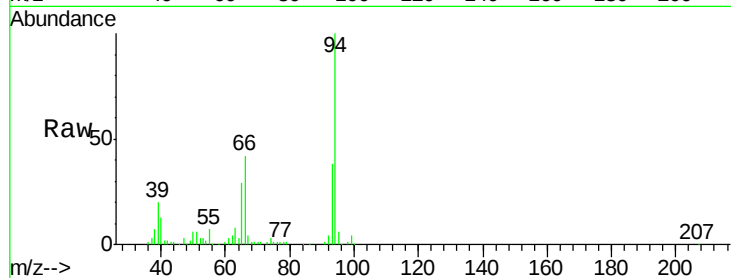
Tgt Ion: 94 Resp: 214016

Ion Ratio Lower Upper

94 100

65 29.2 5.1 45.1

66 41.6 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 34.62 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

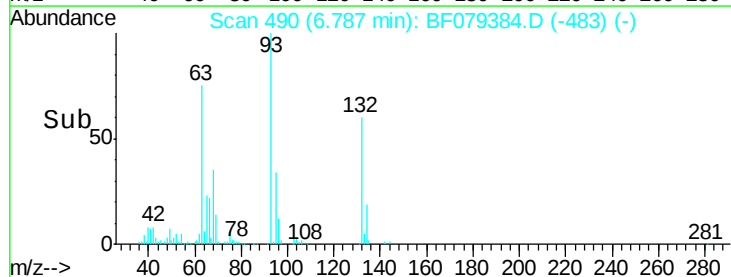
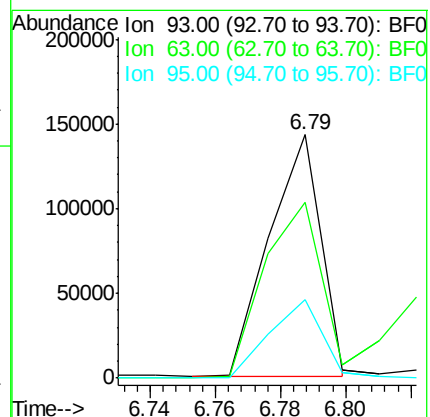
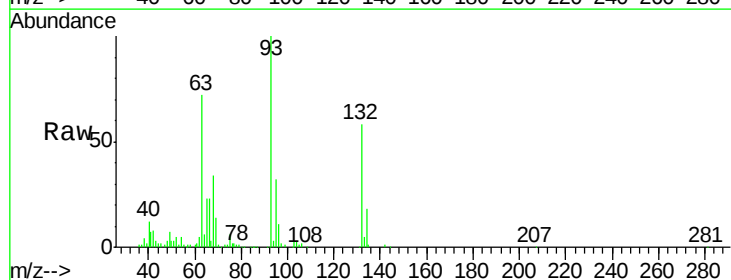
Tgt Ion: 93 Resp: 156651

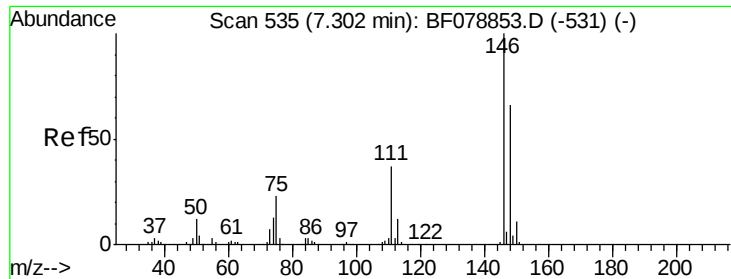
Ion Ratio Lower Upper

93 100

63 72.4 50.8 90.8

95 32.4 13.9 53.9

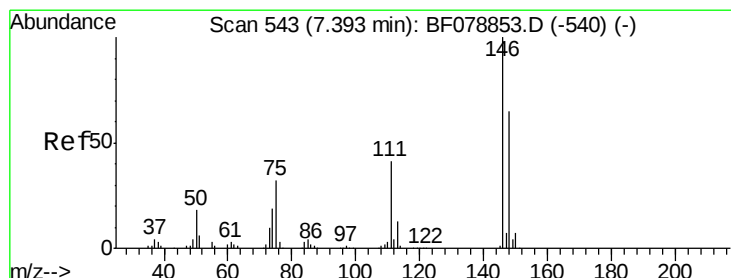
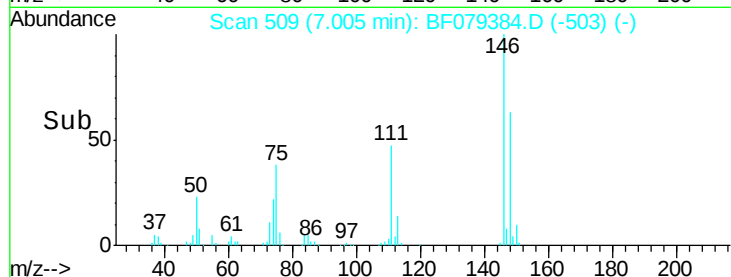
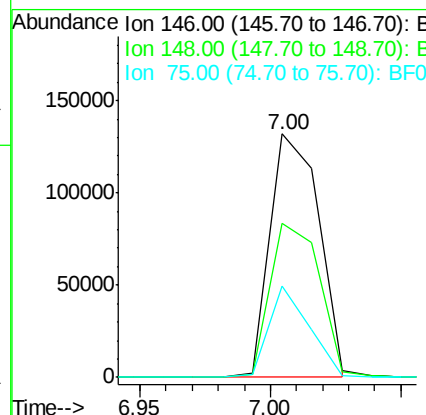
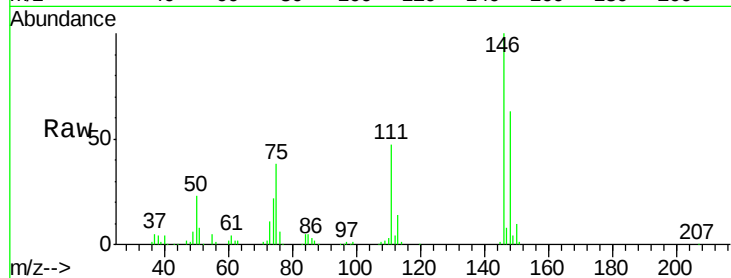




#12
 1,3-Dichlorobenzene
 Concen: 33.59 ng
 RT: 7.00 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

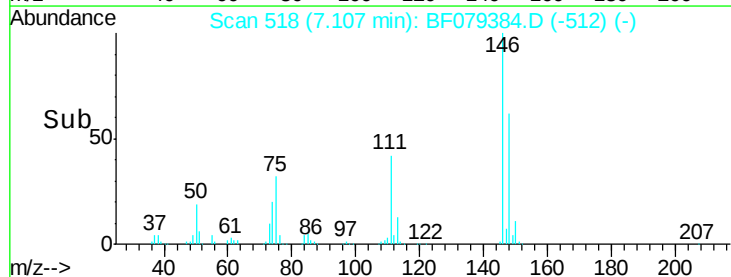
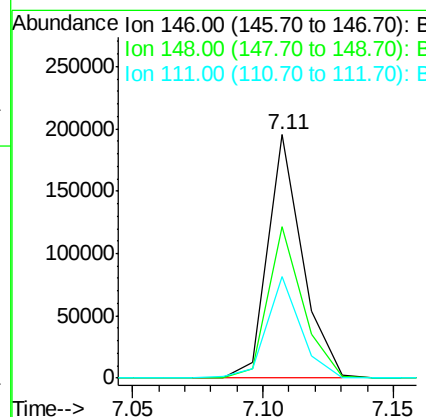
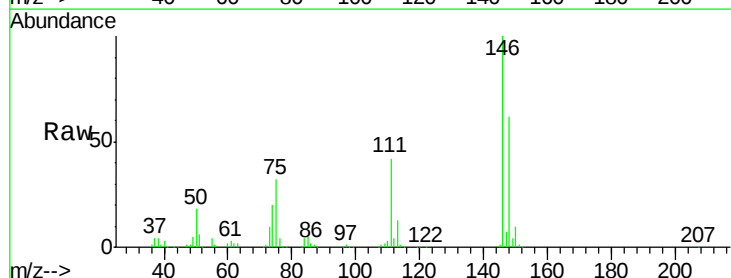
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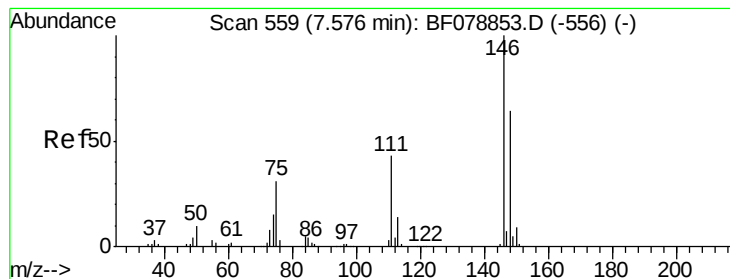
Tgt Ion:146 Resp: 172398
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 75 37.7 18.6 27.8#



#13
 1,4-Dichlorobenzene
 Concen: 34.32 ng
 RT: 7.11 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion:146 Resp: 181253
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.7 77.5
 111 41.9 32.8 49.2





#14

1,2-Dichlorobenzene

Concen: 35.48 ng

RT: 7.29 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

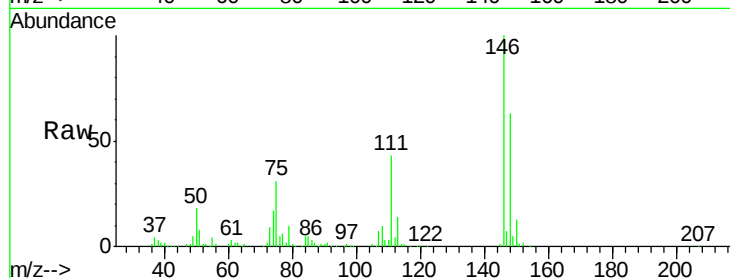
Tgt Ion:146 Resp: 174446

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

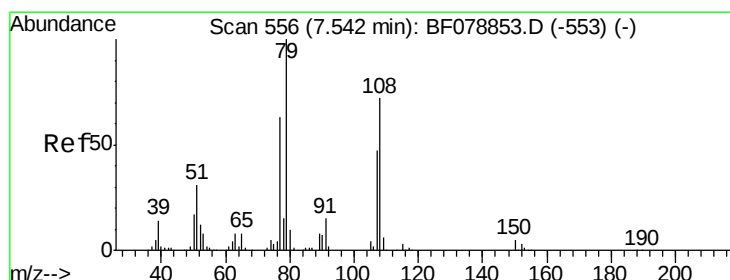
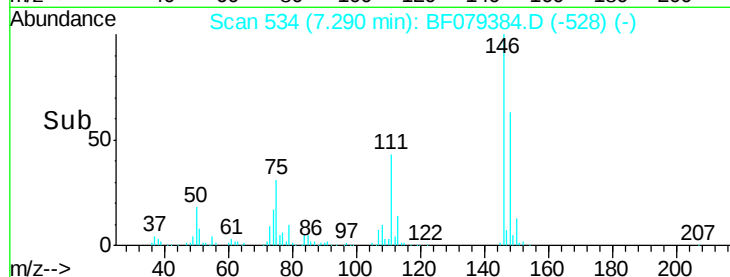
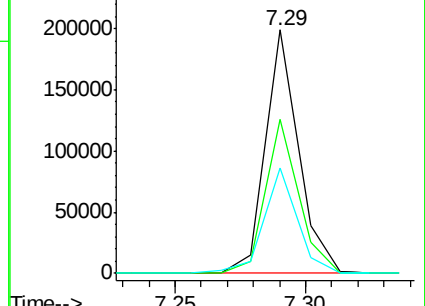
111 43.3 34.6 52.0



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: 35.05 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

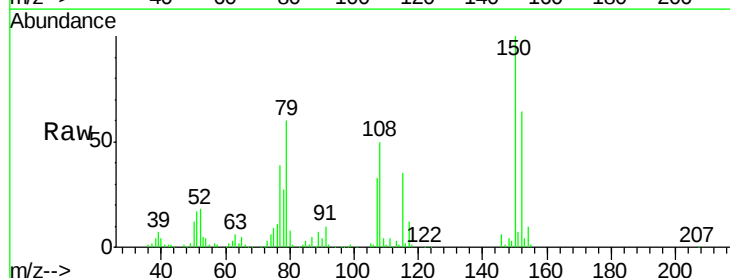
Tgt Ion: 79 Resp: 138459

Ion Ratio Lower Upper

79 100

108 82.0 57.4 86.2

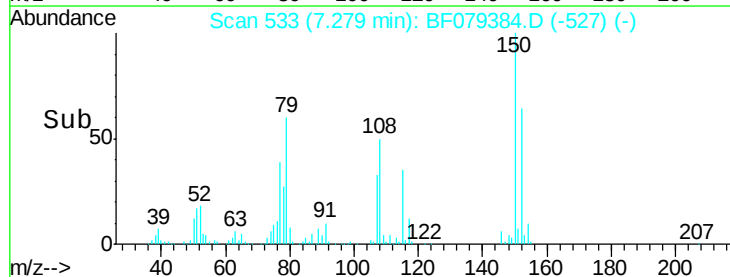
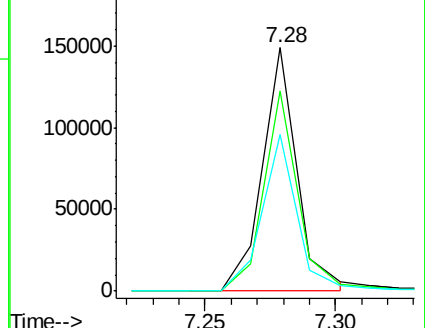
77 64.5 50.2 75.4

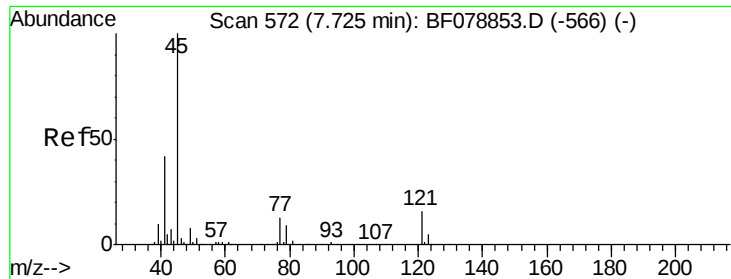


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

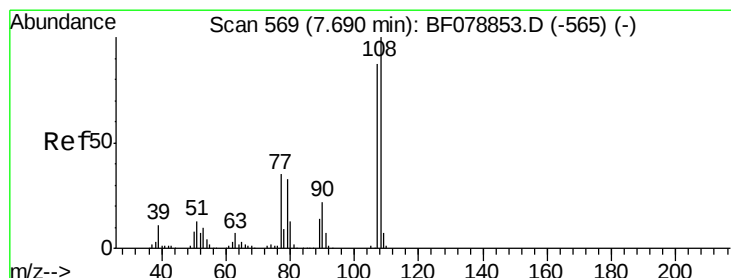
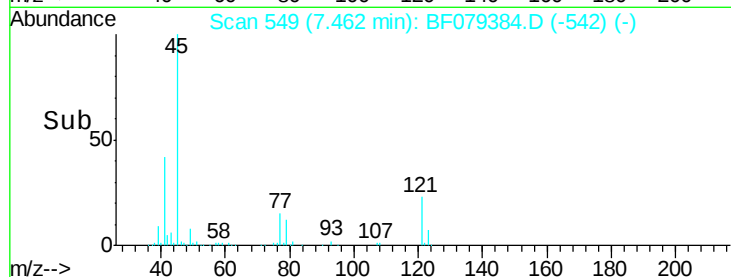
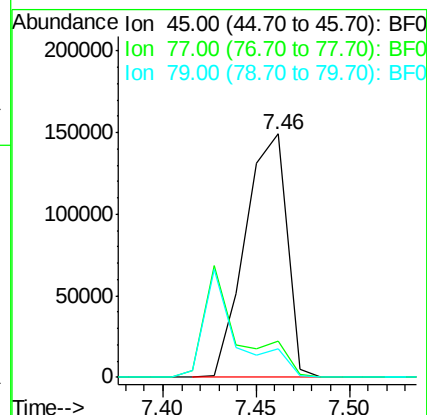
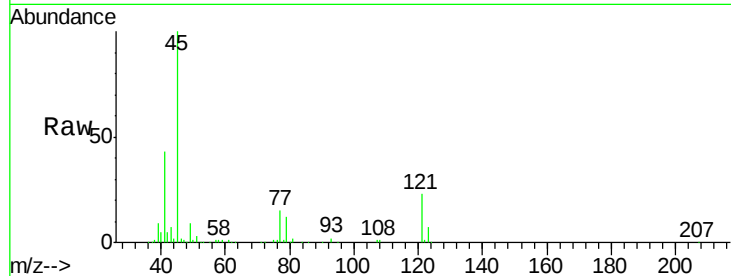




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 33.59 ng
 RT: 7.46 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

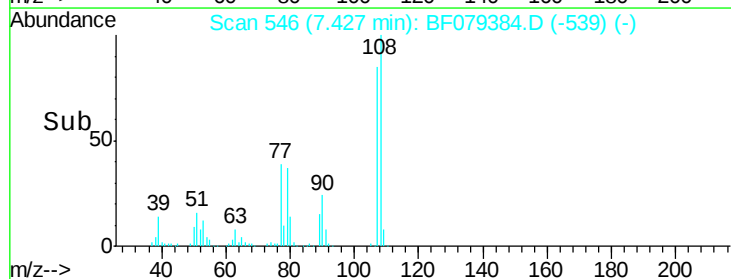
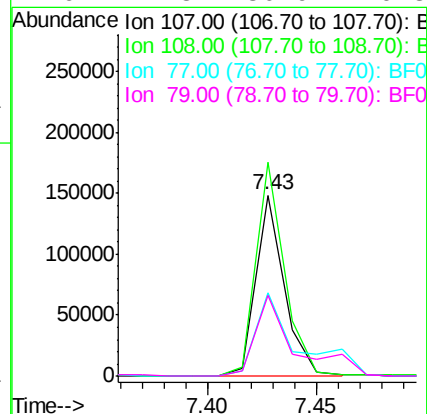
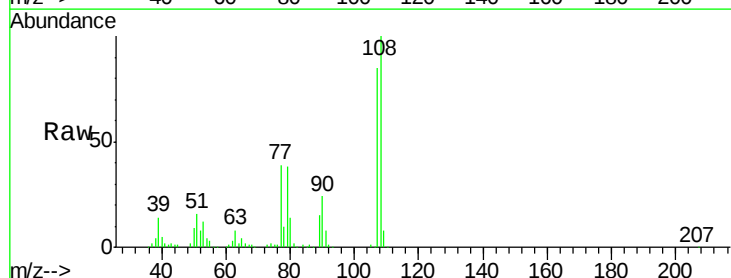
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

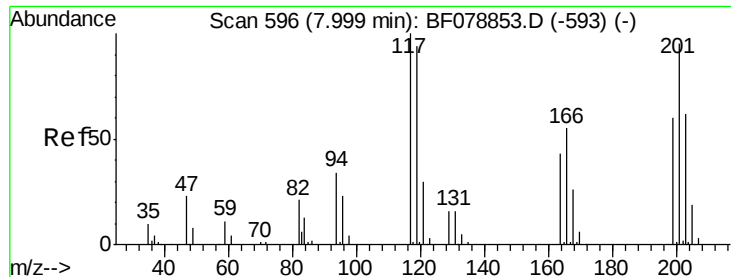
Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.6
79	12.0	0.0	29.3



#17
 2-Methylphenol
 Concen: 36.69 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	118.0	92.4	138.6
77	45.9	32.6	49.0
79	44.8	30.9	46.3

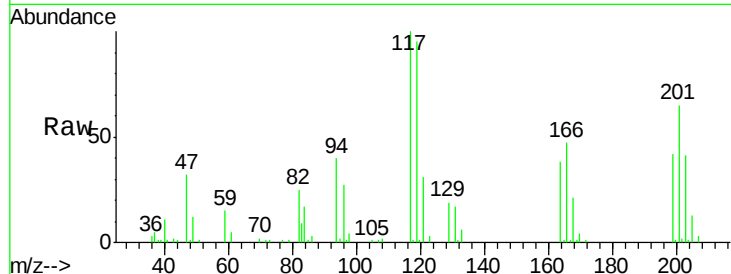




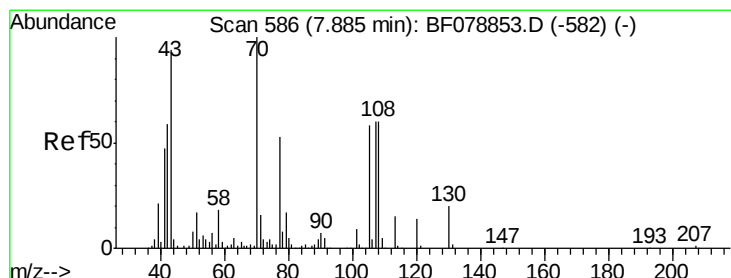
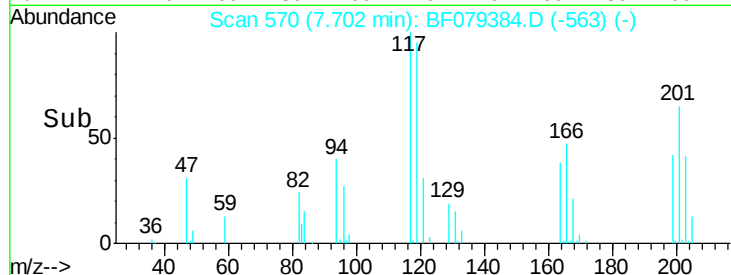
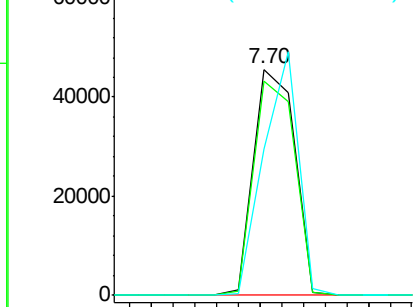
#18
Hexachloroethane
Concen: 33.26 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

Tgt Ion: 117 Resp: 60509
Ion Ratio Lower Upper
117 100
119 94.5 75.2 112.8
201 65.0 75.8 113.8#

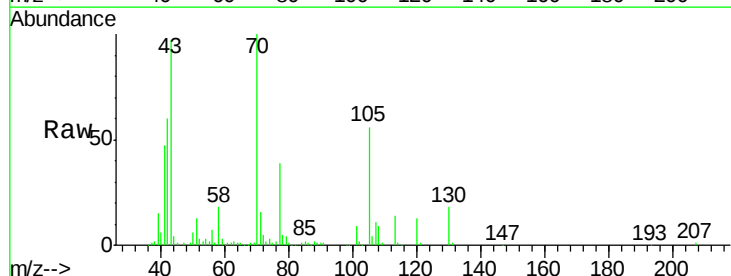


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

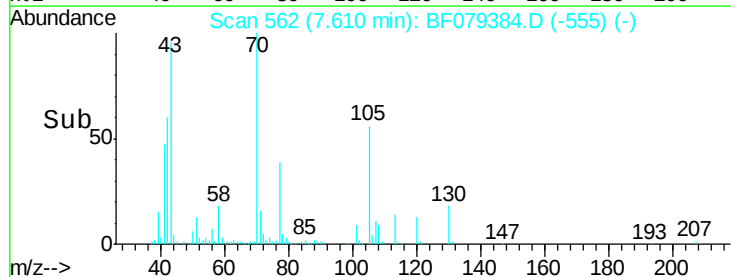
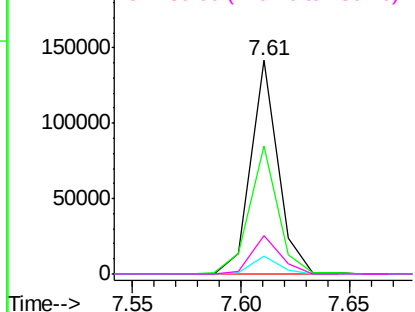


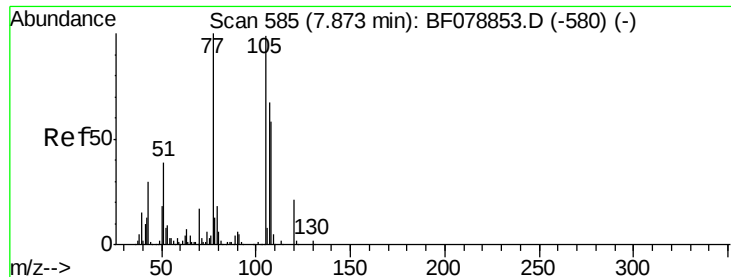
#19
n-Nitroso-di-n-propylamine
Concen: 34.45 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion: 70 Resp: 123796
Ion Ratio Lower Upper
70 100
42 60.2 47.3 70.9
101 8.7 7.5 11.3
130 18.2 15.8 23.6



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: 36.17 ng

RT: 7.62 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

Tgt Ion:107 Resp: 177086

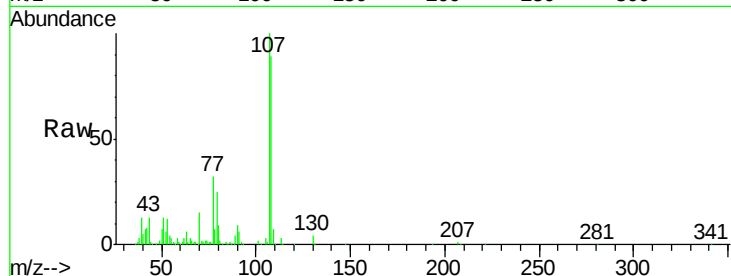
Ion Ratio Lower Upper

107 100

108 89.1 66.5 106.5

77 32.2 130.6 170.6#

79 25.1 6.4 46.4

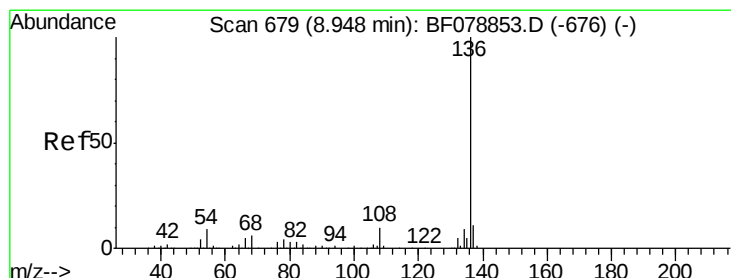
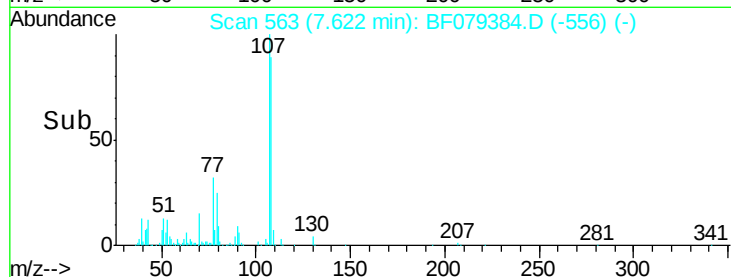
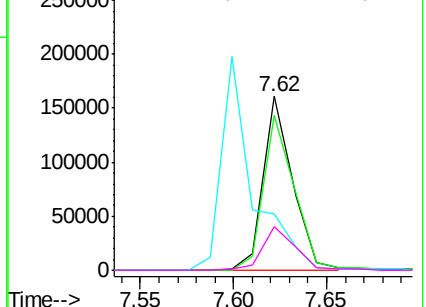


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Tgt Ion:136 Resp: 281308

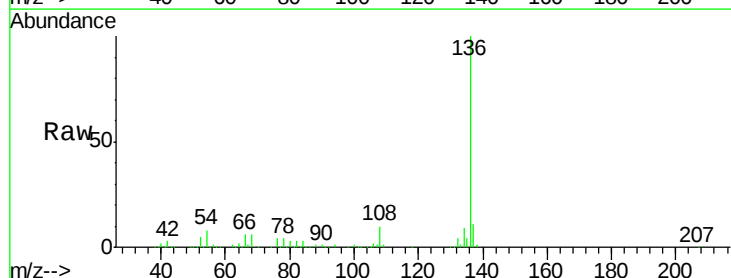
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.3 6.9 10.3

68 5.9 4.9 7.3

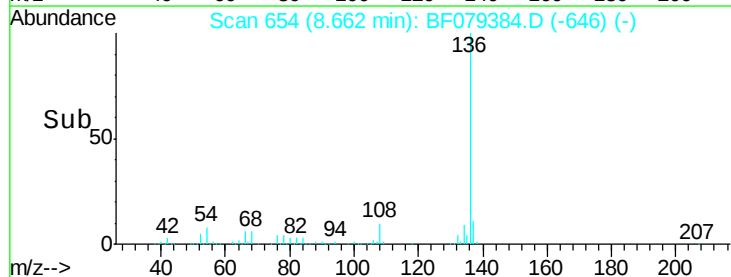
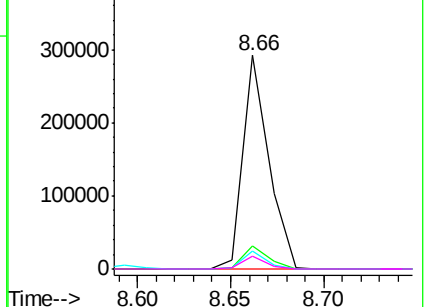


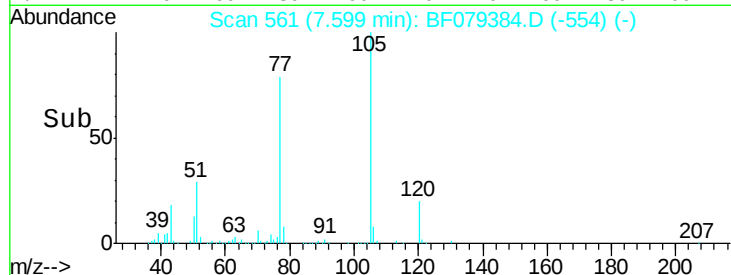
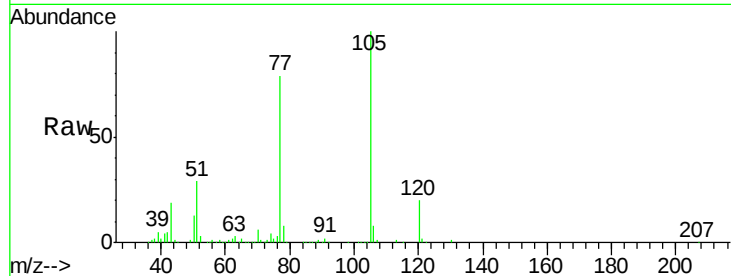
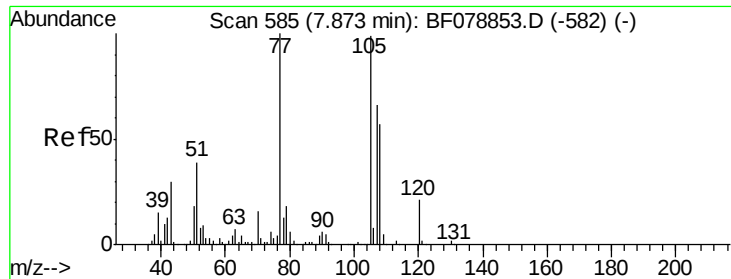
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.40 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

Tgt Ion: 105 Resp: 237695

Ion Ratio Lower Upper

105 100

71 1.1 2.2 3.4#

51 29.0 31.1 46.7#

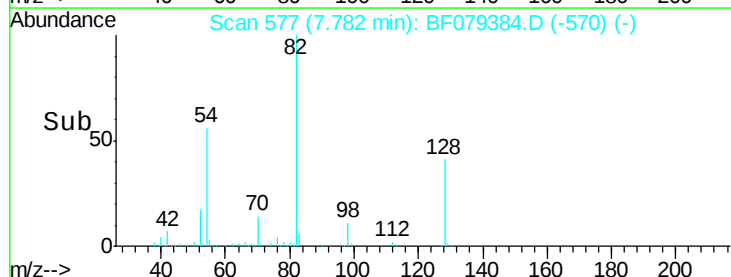
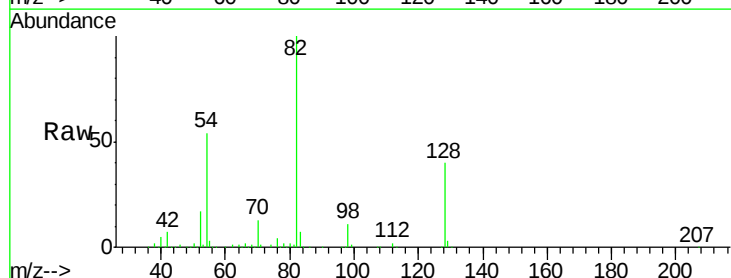
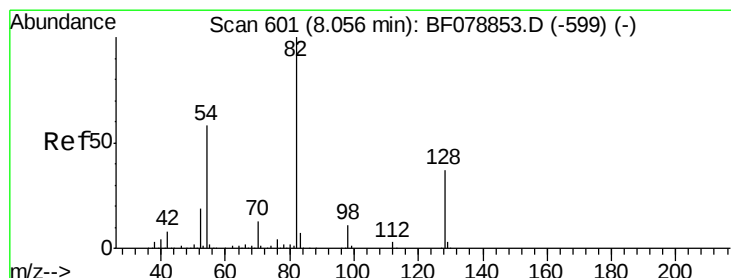
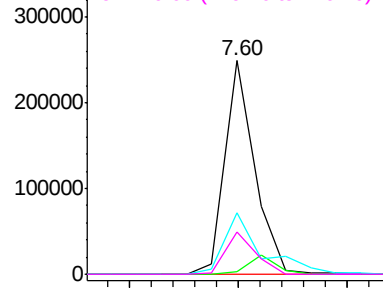
120 20.0 16.7 25.1

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 69.18 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Tgt Ion: 82 Resp: 338636

Ion Ratio Lower Upper

82 100

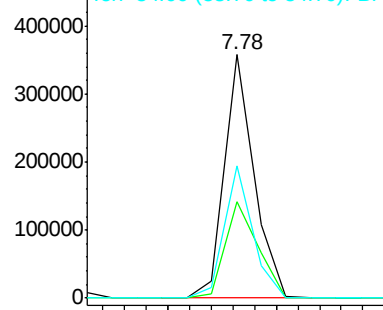
128 39.7 29.7 44.5

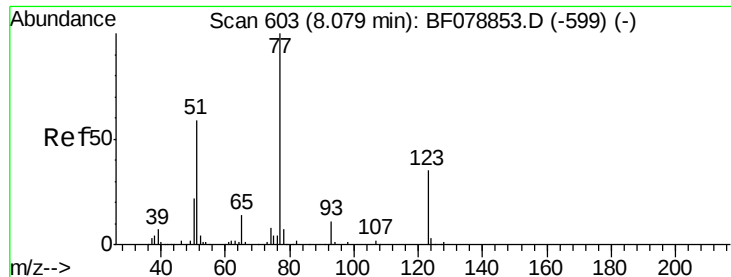
54 54.4 46.2 69.4

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

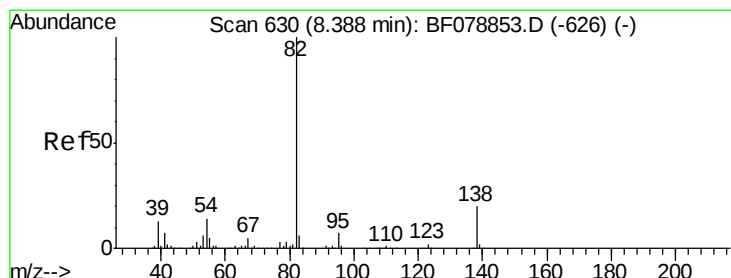
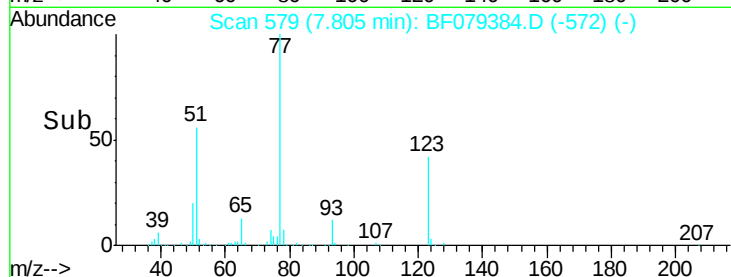
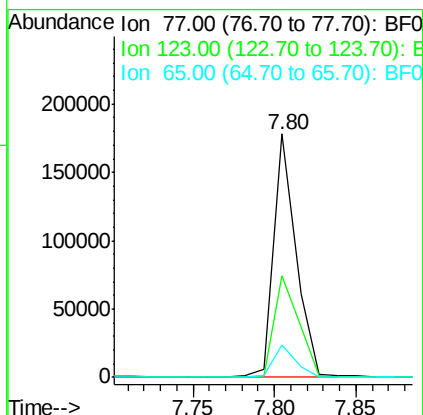
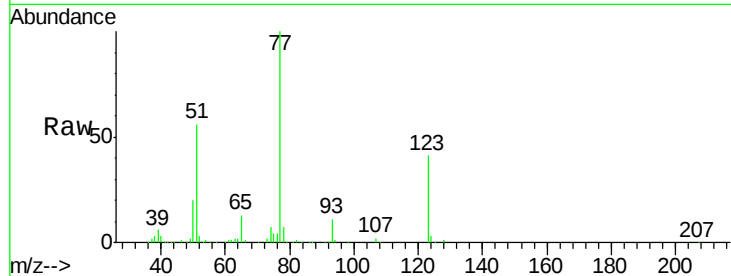




#24
 Nitrobenzene
 Concen: 35.13 ng
 RT: 7.80 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

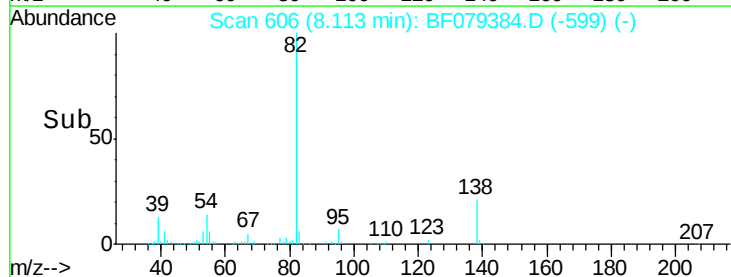
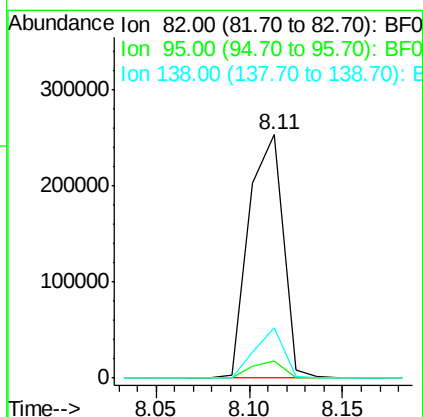
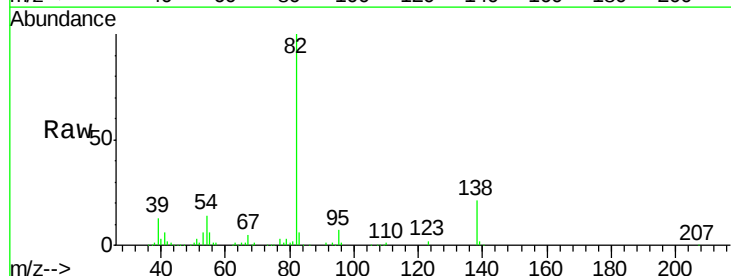
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

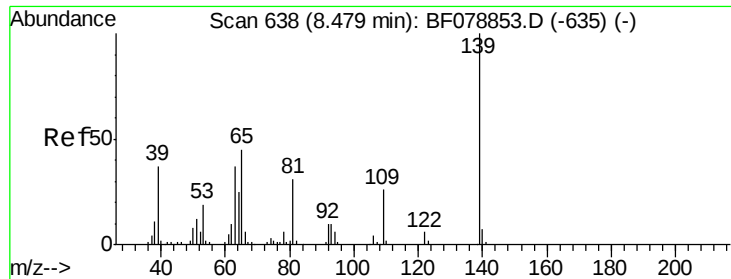
Tgt Ion: 77 Resp: 170456
 Ion Ratio Lower Upper
 77 100
 123 41.5 28.3 42.5
 65 13.3 11.0 16.4



#25
 Isophorone
 Concen: 35.43 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion: 82 Resp: 321529
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.4 8.2
 138 20.6 16.1 24.1

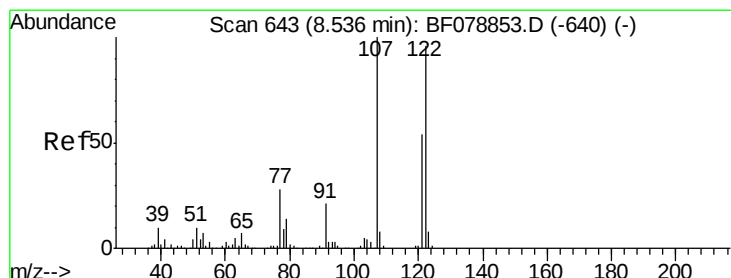
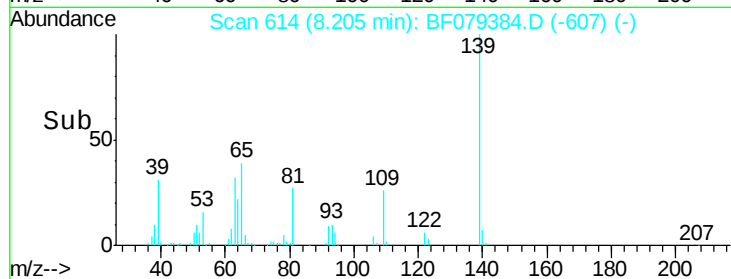
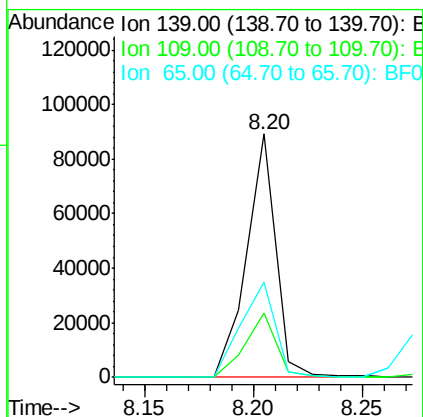
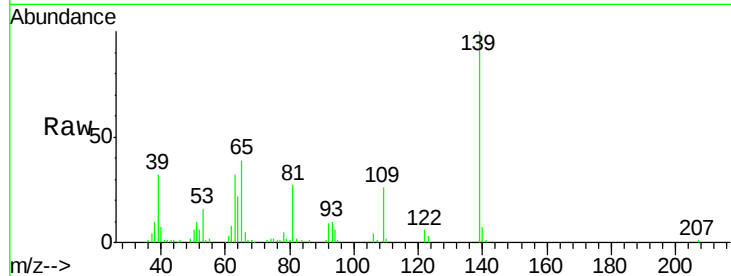




#26
 2-Nitrophenol
 Concen: 41.32 ng
 RT: 8.20 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

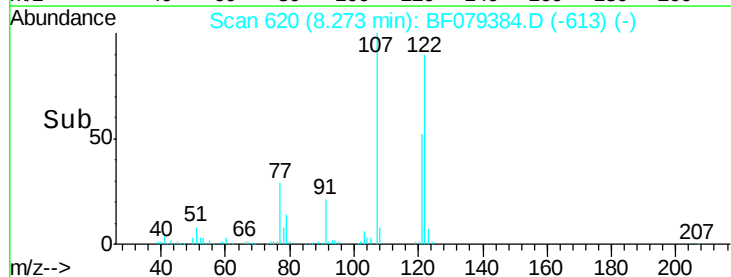
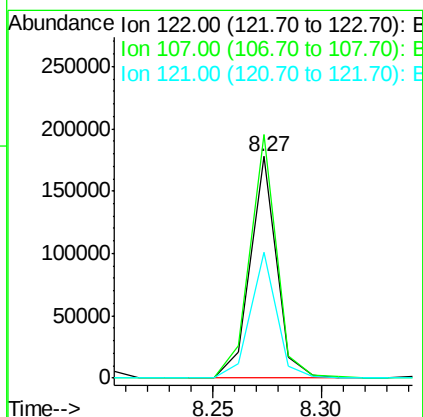
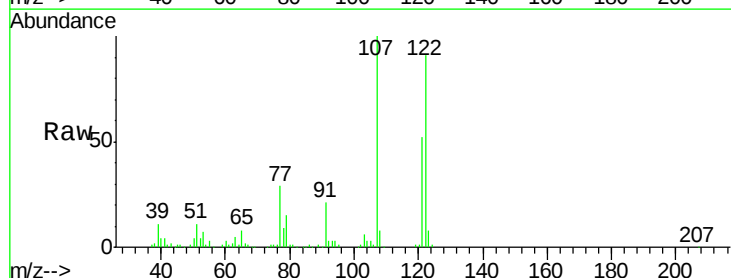
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

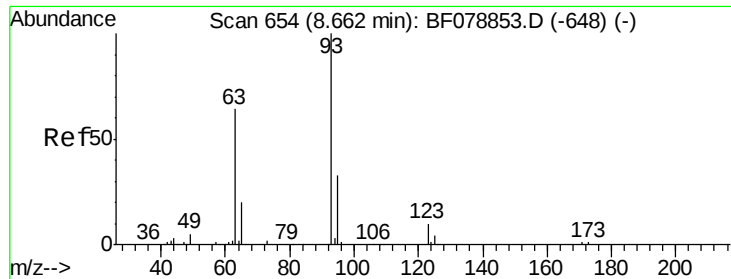
Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.9	31.3
65	38.9	35.8	53.8



#27
 2,4-Dimethylphenol
 Concen: 37.37 ng
 RT: 8.27 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	83.6	125.4
121	56.8	44.9	67.3

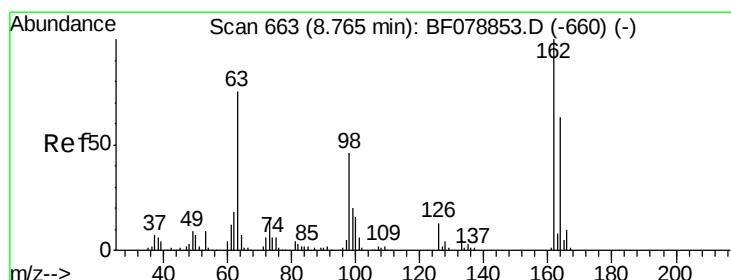
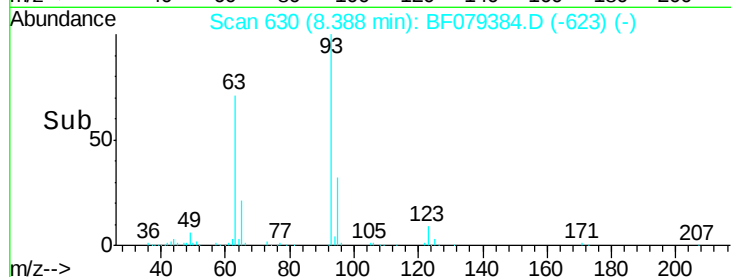
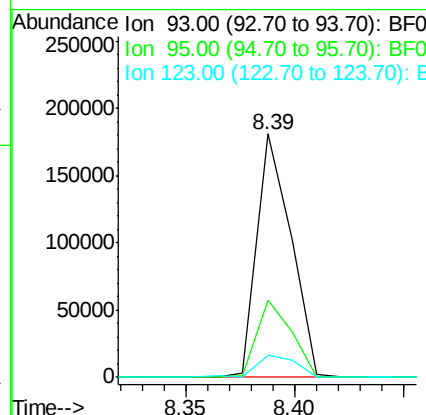
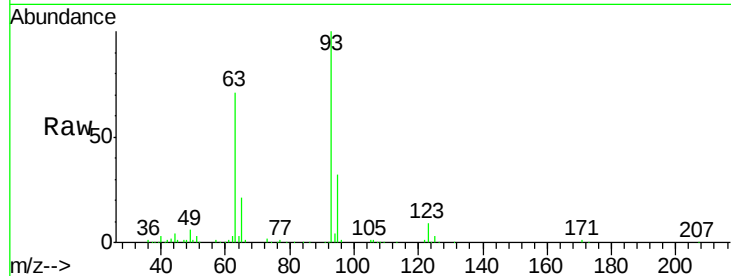




#28
 bis(2-Chloroethoxy)methane
 Concen: 35.41 ng
 RT: 8.39 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

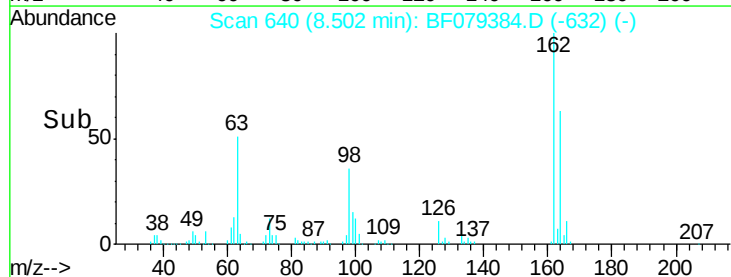
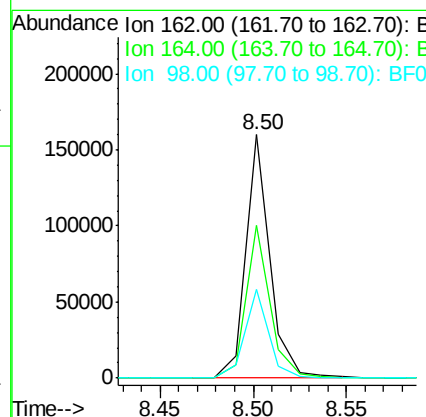
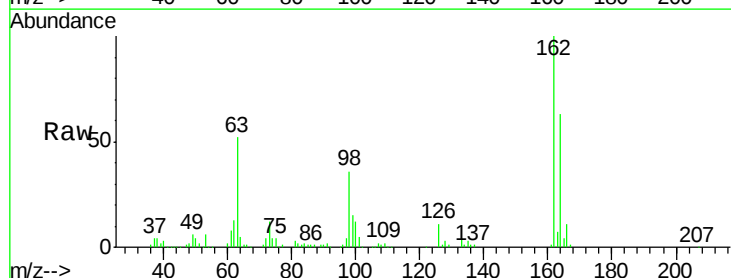
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

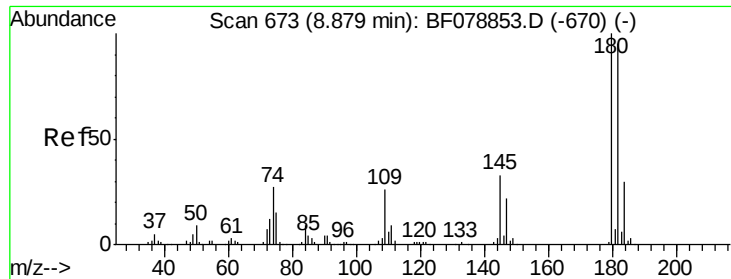
Tgt Ion: 93 Resp: 198063
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.2
 123 9.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 40.34 ng
 RT: 8.50 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion: 162 Resp: 144125
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 36.2 26.3 66.3

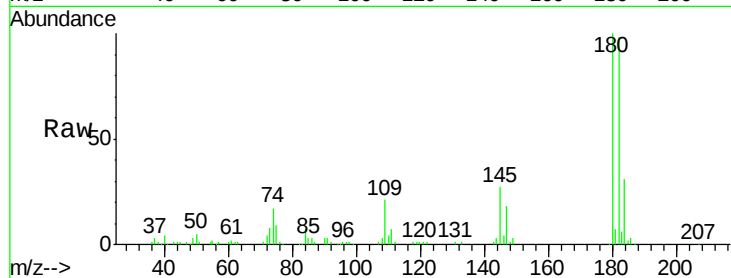




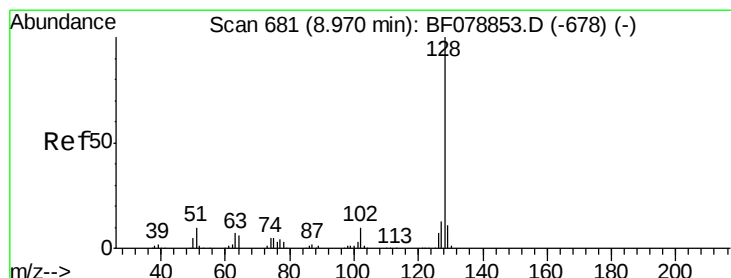
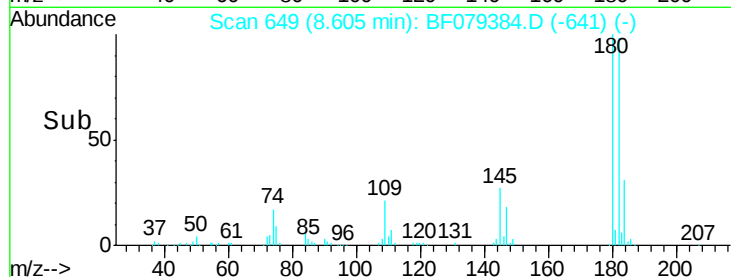
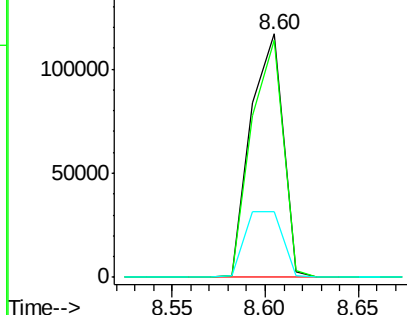
#30
1,2,4-Trichlorobenzene
Concen: 35.73 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

Tgt Ion:180 Resp: 140229
Ion Ratio Lower Upper
180 100
182 97.6 75.7 113.5
145 27.0 26.2 39.4

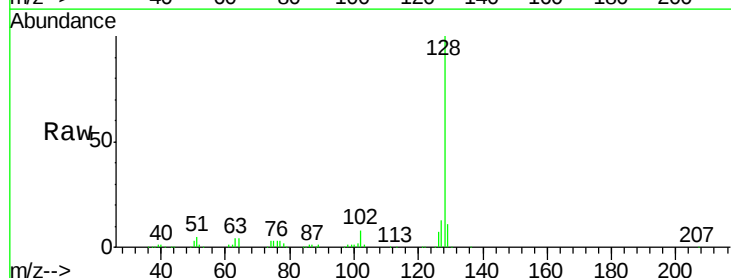


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

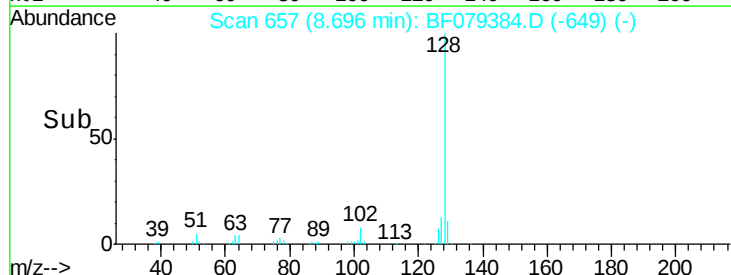
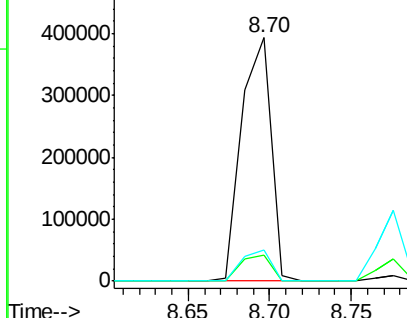


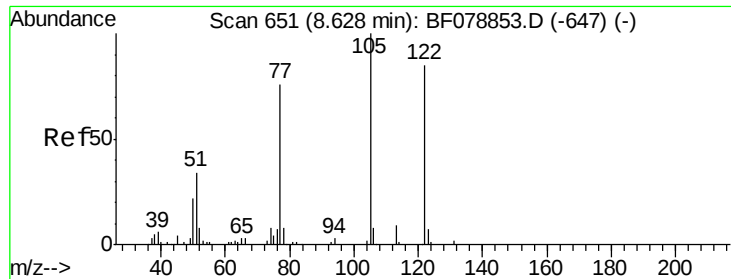
#31
Naphthalene
Concen: 36.76 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion:128 Resp: 492735
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.7 10.3 15.5



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

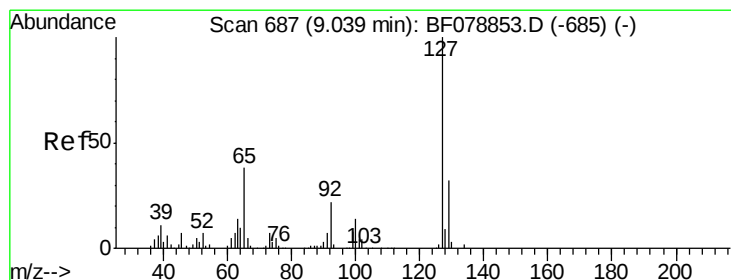
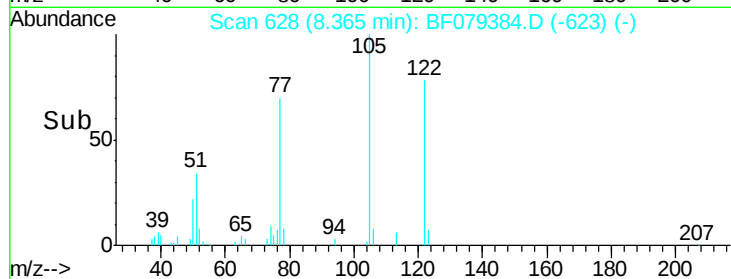
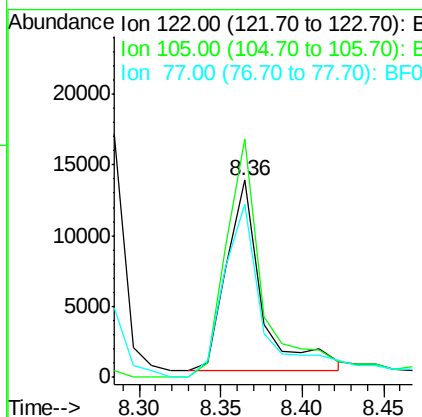
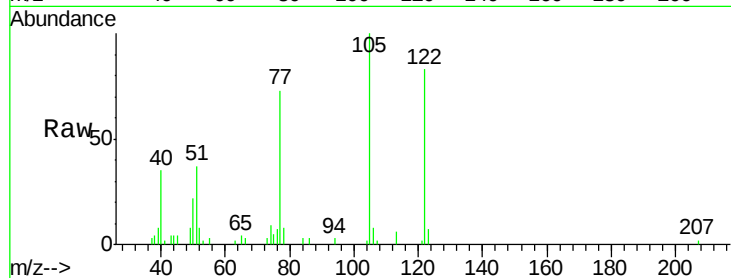




#32
Benzoic acid
Concen: 13.16 ng
RT: 8.36 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

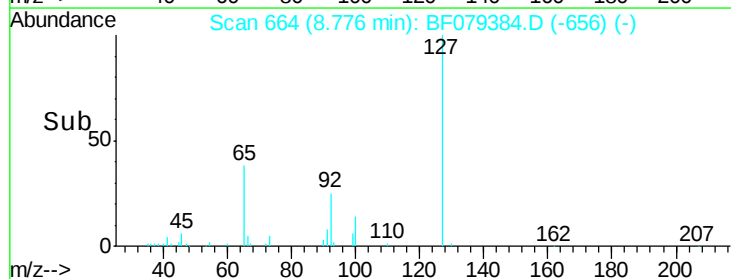
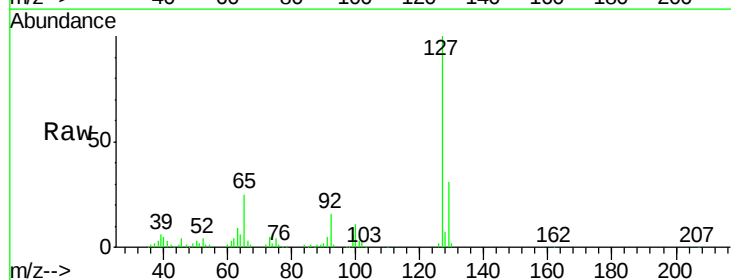
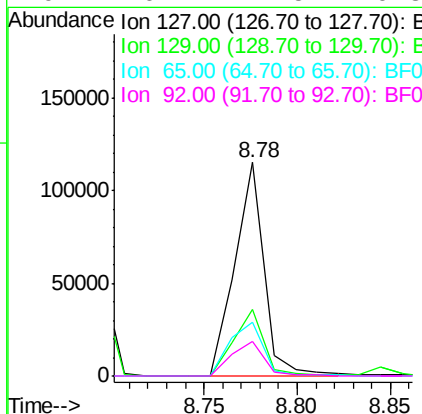
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

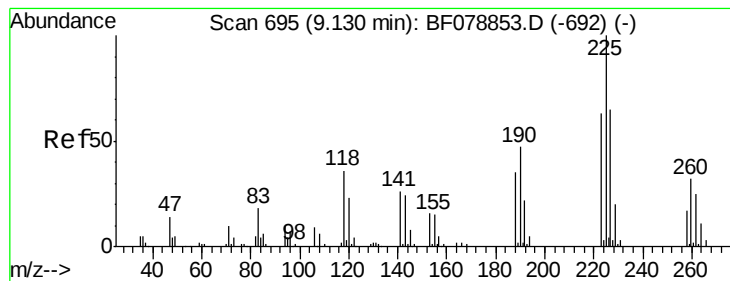
Tgt Ion:122 Resp: 19835
Ion Ratio Lower Upper
122 100
105 121.0 100.7 140.7
77 87.8 72.0 112.0



#33
4-Chloroaniline
Concen: 22.32 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion:127 Resp: 126586
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 25.2 30.2 45.4#
92 16.1 17.5 26.3#





#34

Hexachlorobutadiene

Concen: 34.49 ng

RT: 8.84 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

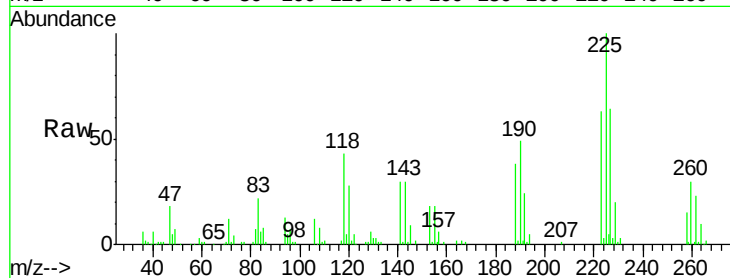
Tgt Ion:225 Resp: 77968

Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

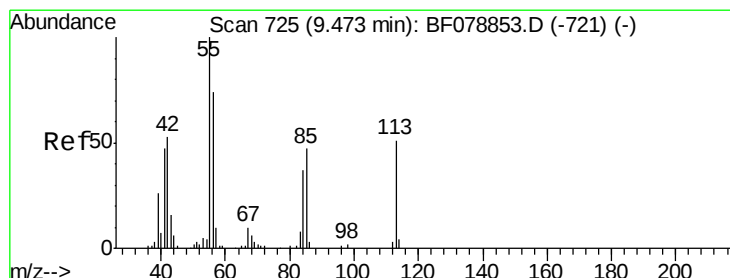
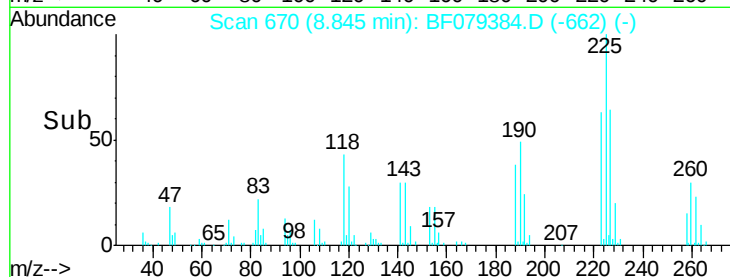
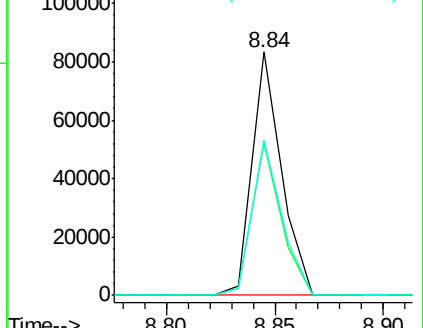
227 63.7 52.1 78.1



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: 36.05 ng

RT: 9.20 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

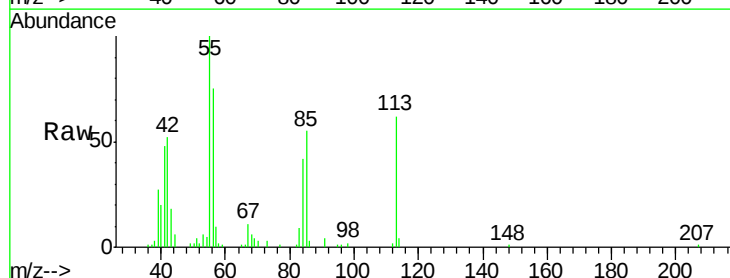
Tgt Ion:113 Resp: 41652

Ion Ratio Lower Upper

113 100

55 162.0 176.0 216.0#

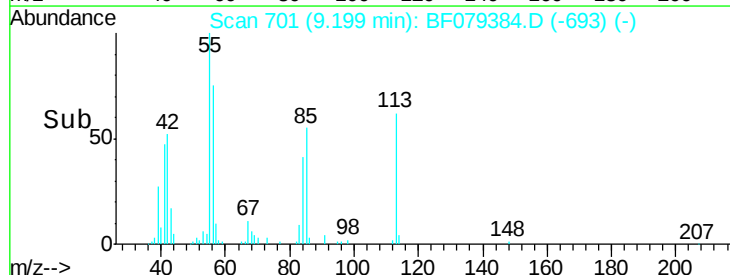
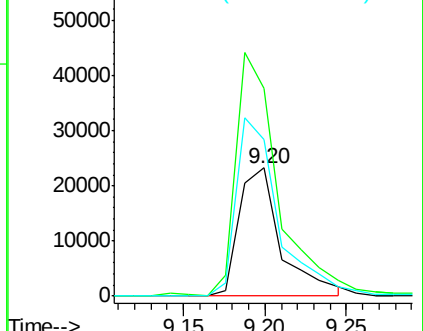
56 122.1 123.8 163.8#

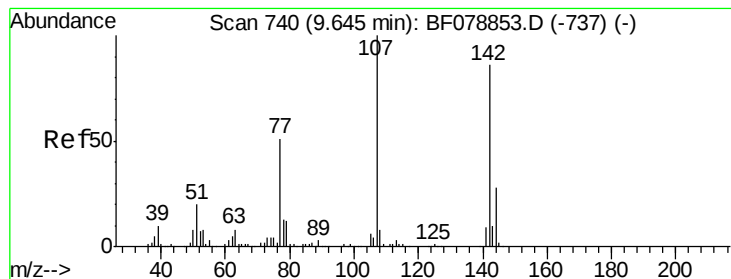


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 38.35 ng

RT: 9.38 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

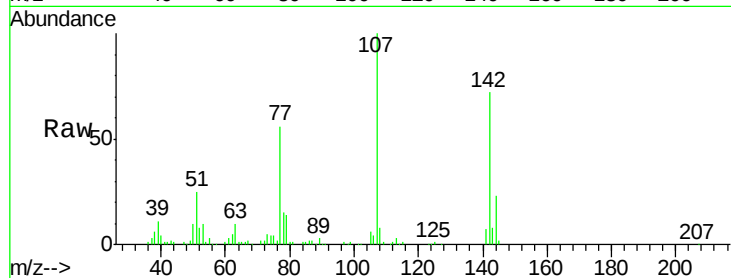
Tgt Ion:107 Resp: 143941

Ion Ratio Lower Upper

107 100

144 23.1 22.5 33.7

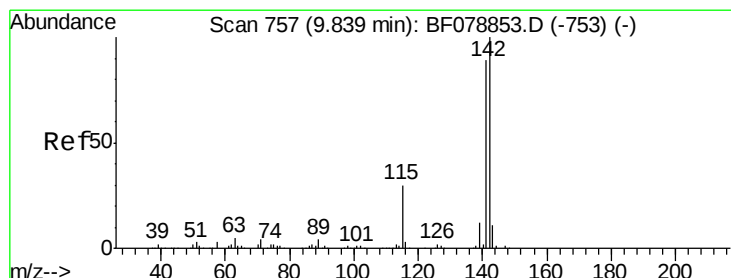
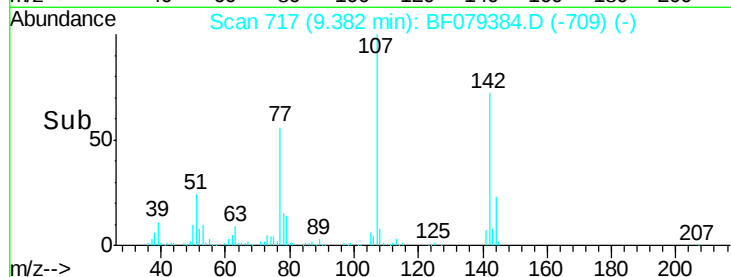
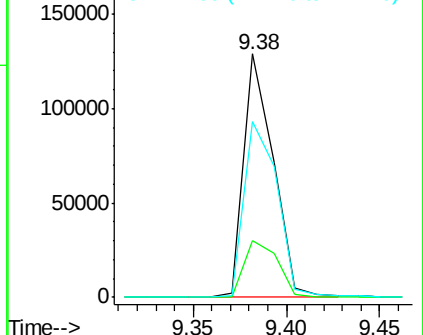
142 72.2 68.6 103.0



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: 37.43 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

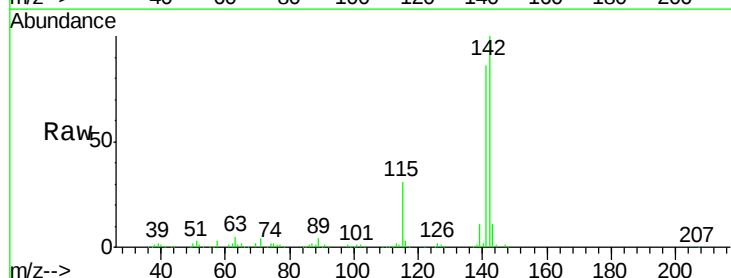
Tgt Ion:142 Resp: 347701

Ion Ratio Lower Upper

142 100

141 85.8 71.6 107.4

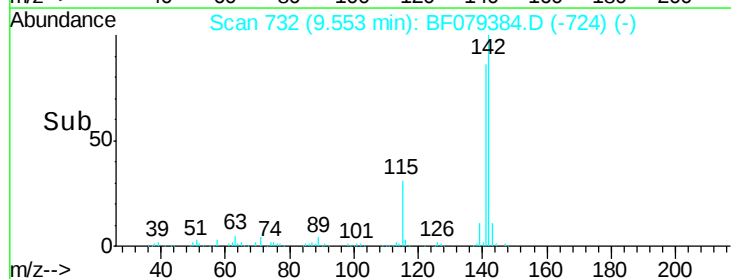
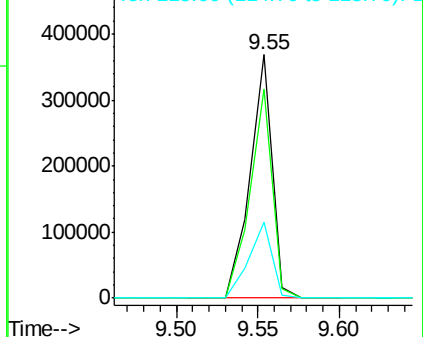
115 31.0 24.2 36.4

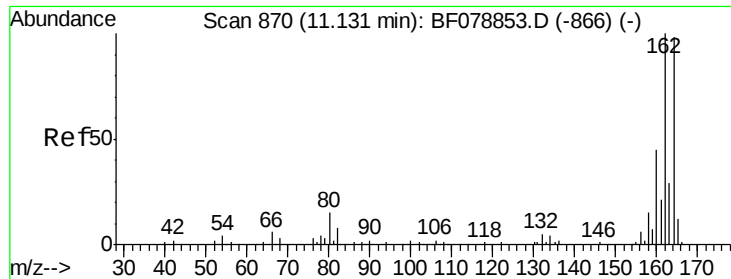


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

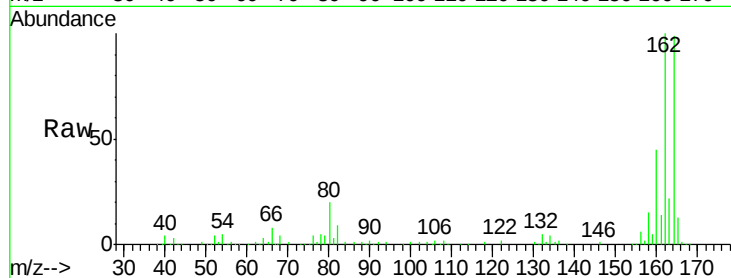




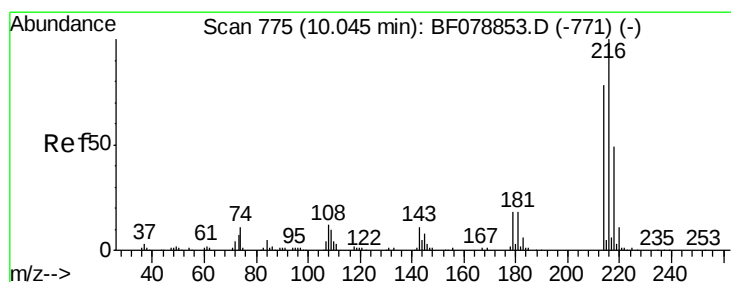
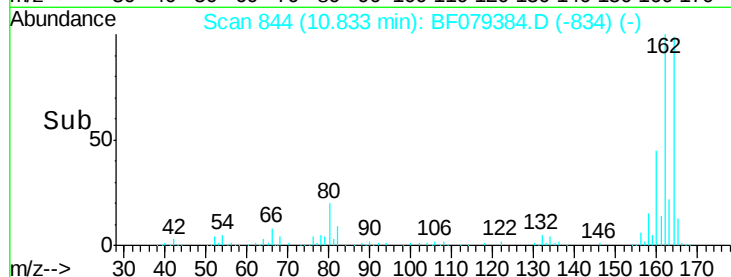
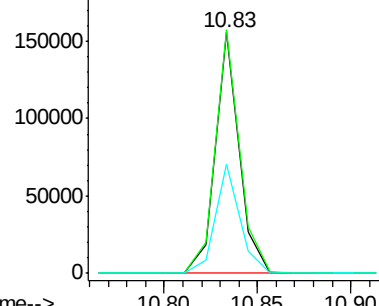
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

Tgt Ion:164 Resp: 137794
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 45.2 36.6 54.8



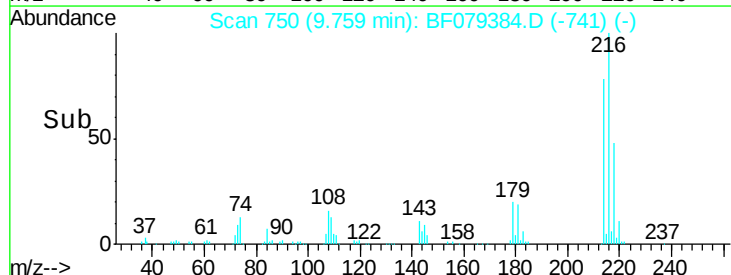
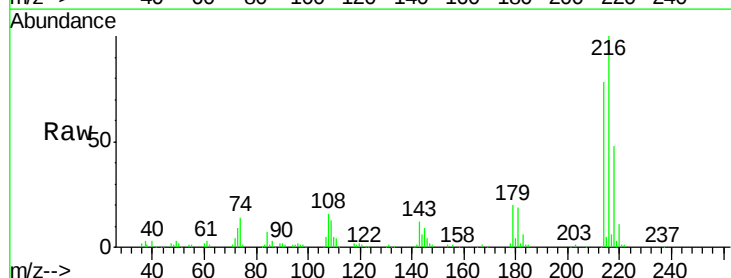
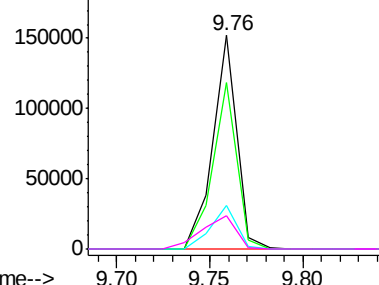
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

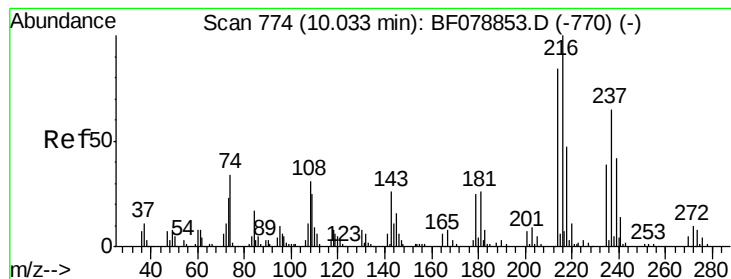


#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.21 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion:216 Resp: 136646
Ion Ratio Lower Upper
216 100
214 78.3 64.0 96.0
179 21.8 17.0 25.4
108 22.8 17.0 25.6

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: 47.61 ng

RT: 9.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

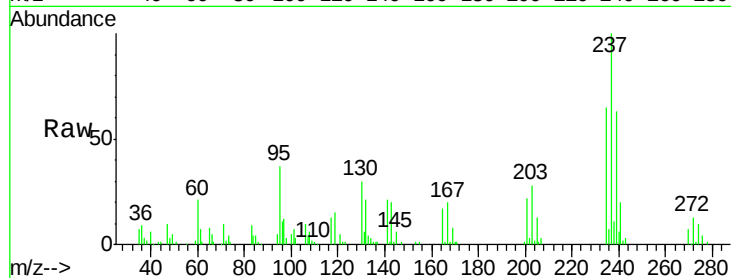
Tgt Ion:237 Resp: 92903

Ion Ratio Lower Upper

237 100

235 64.9 40.0 80.0

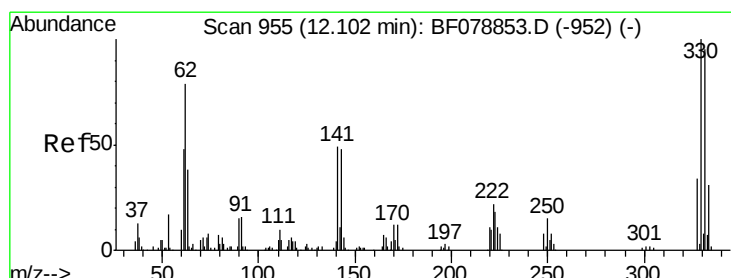
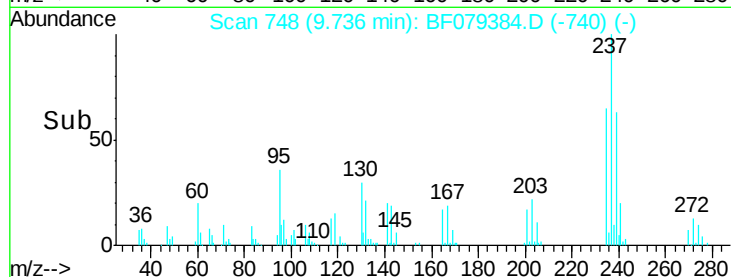
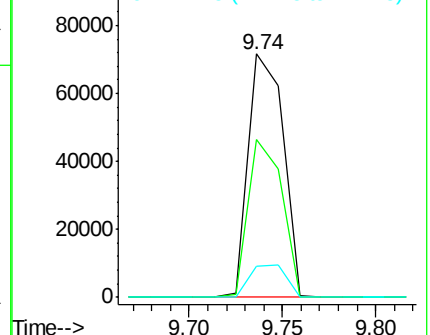
272 12.6 0.0 36.0



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: 117.65 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

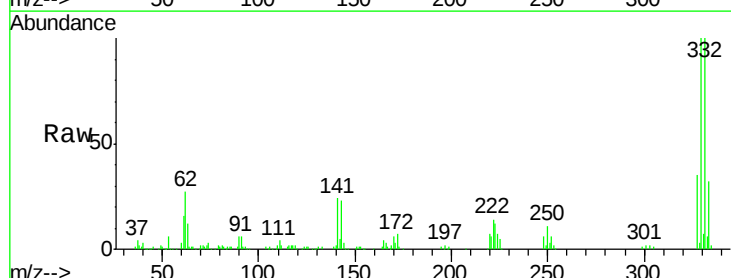
Tgt Ion:330 Resp: 175385

Ion Ratio Lower Upper

330 100

332 99.1 76.9 115.3

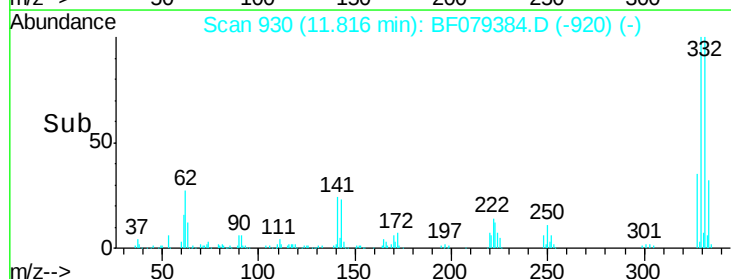
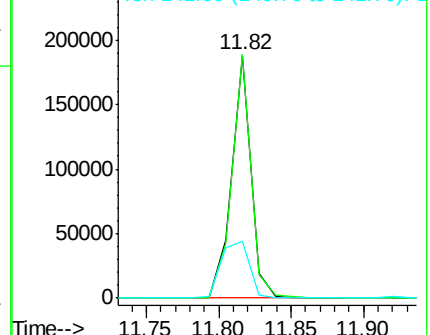
141 34.0 27.8 41.8

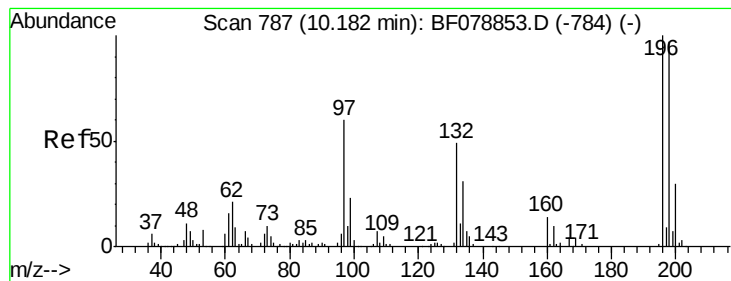


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 35.17 ng

RT: 9.91 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

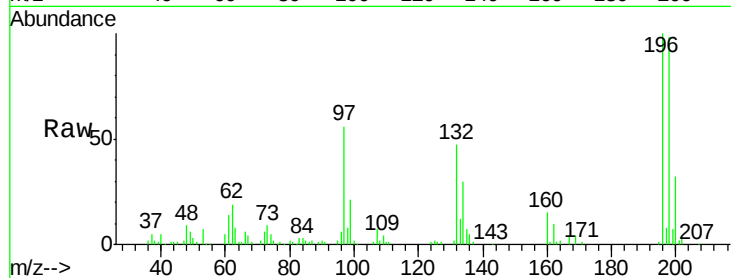
Tgt Ion:196 Resp: 93828

Ion Ratio Lower Upper

196 100

198 98.2 77.4 116.2

200 32.2 23.7 35.5

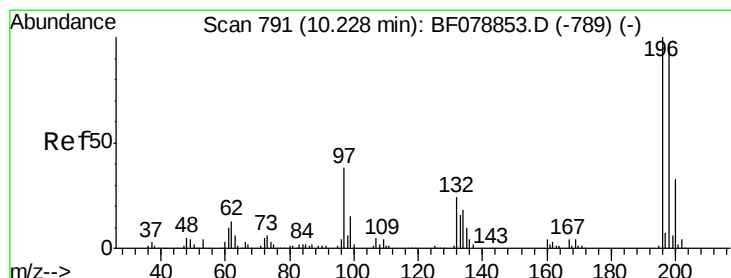
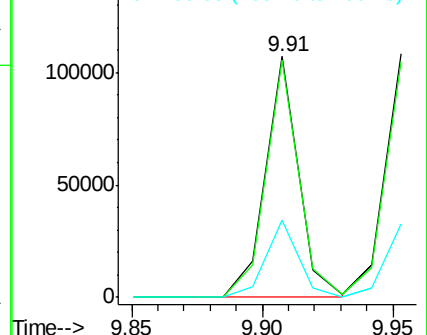
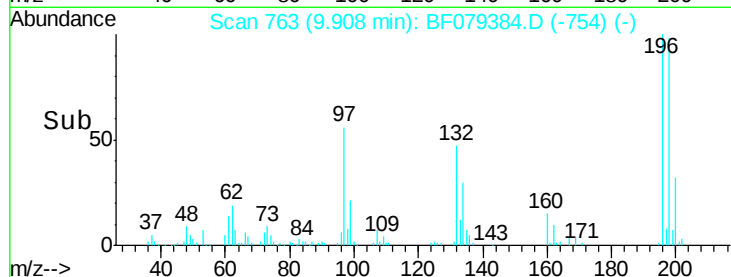


Abundance

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: 37.35 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Tgt Ion:196 Resp: 100748

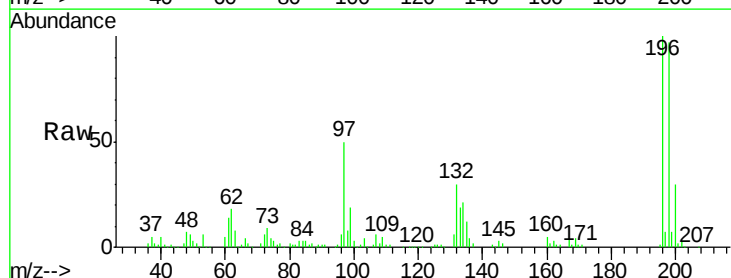
Ion Ratio Lower Upper

196 100

198 96.9 77.3 115.9

97 50.4 31.3 46.9#

132 30.4 19.7 29.5#



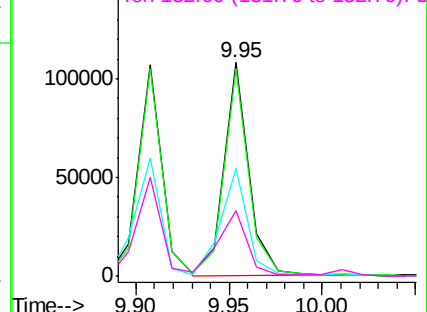
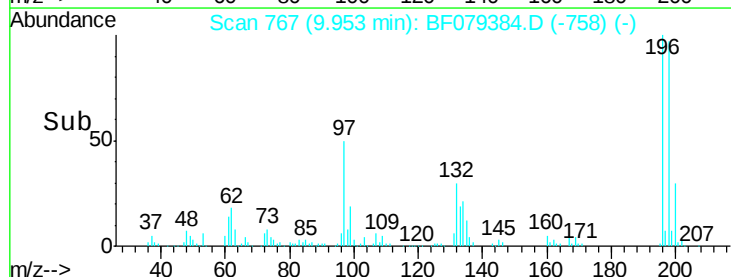
Abundance

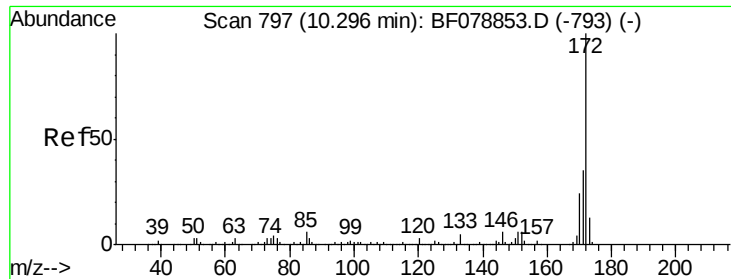
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

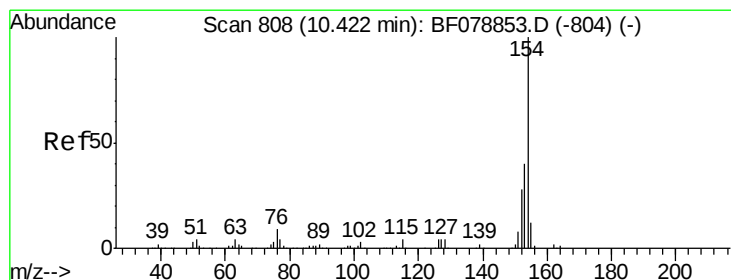
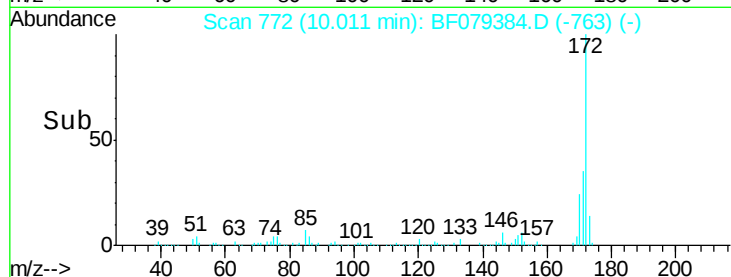
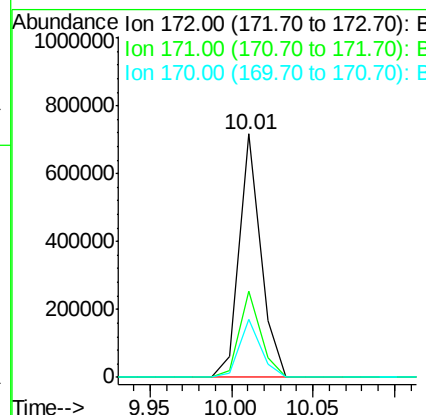
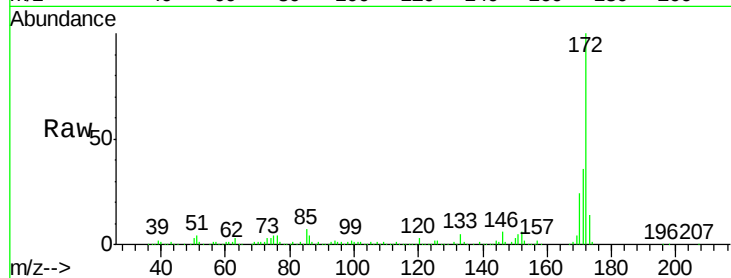




#44
 2-Fluorobiphenyl
 Concen: 65.69 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

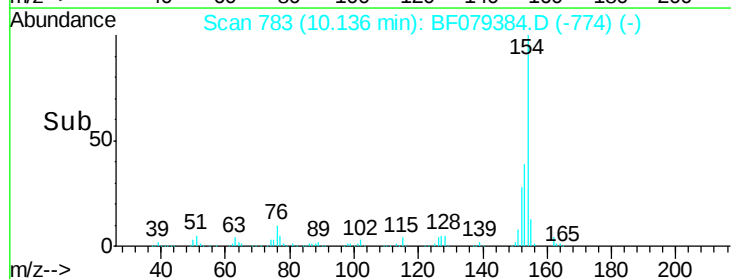
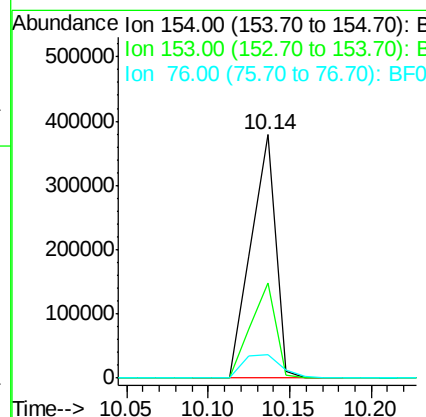
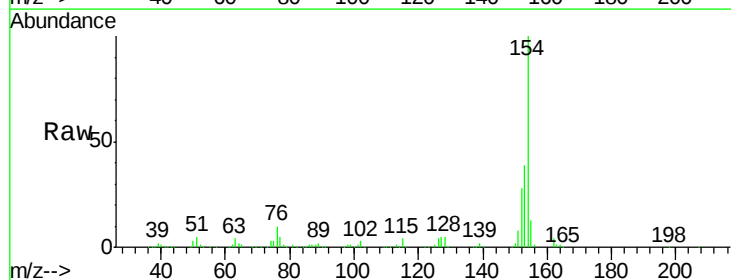
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

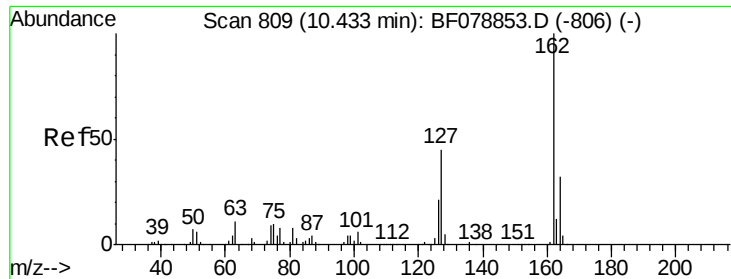
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	24.0	19.4	29.2



#45
 1,1'-Biphenyl
 Concen: 36.46 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.7	59.7
76	9.7	0.0	29.1

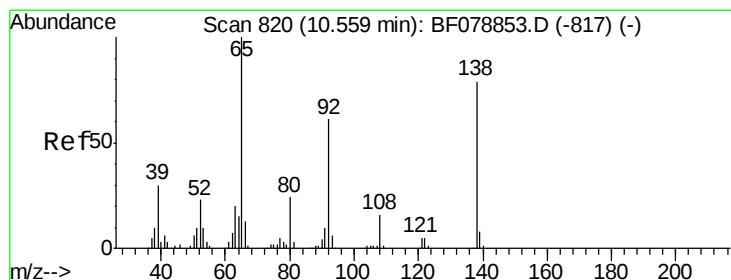
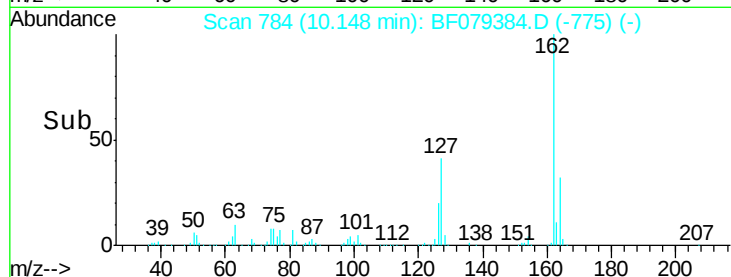
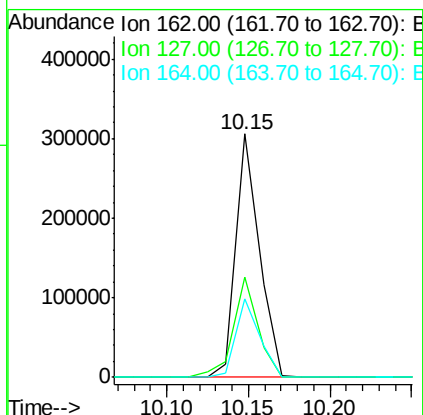
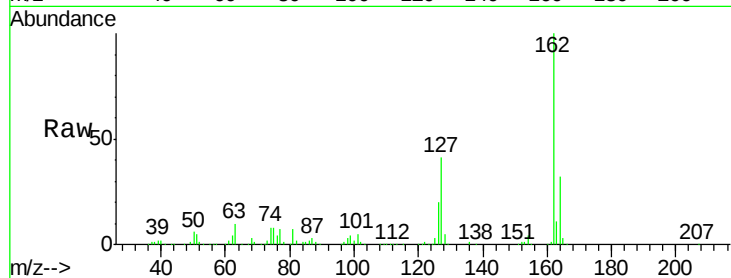




#46
2-Chloronaphthalene
Concen: 35.49 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

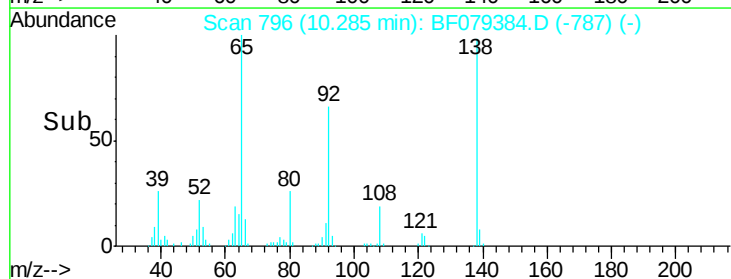
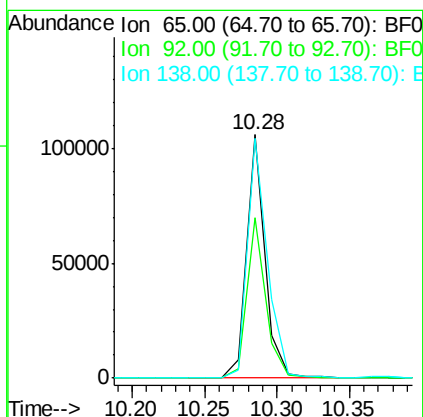
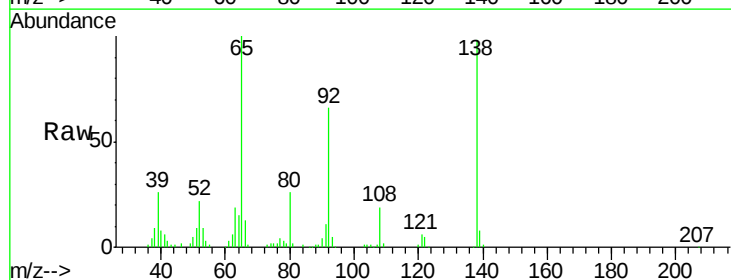
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

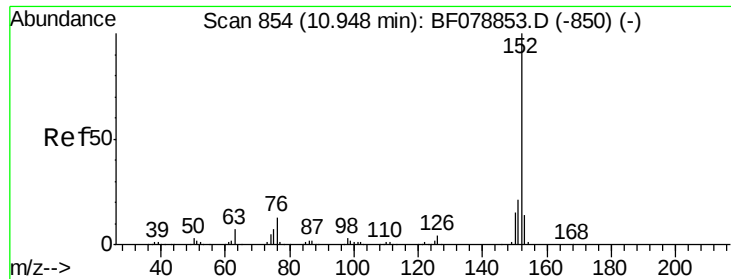
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	36.3	54.5
164	32.4	25.9	38.9



#47
2-Nitroaniline
Concen: 37.79 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	49.1	73.7
138	98.5	63.2	94.8





#48

Acenaphthylene

Concen: 36.19 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

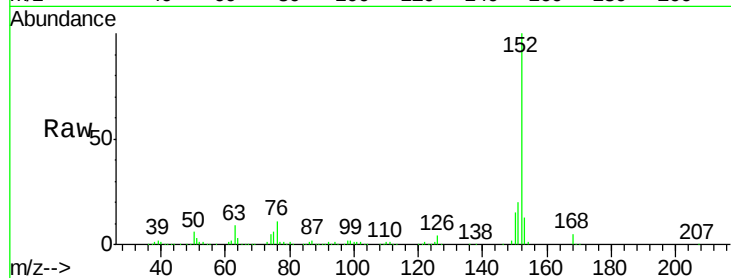
Tgt Ion:152 Resp: 507784

Ion Ratio Lower Upper

152 100

151 20.0 16.6 24.8

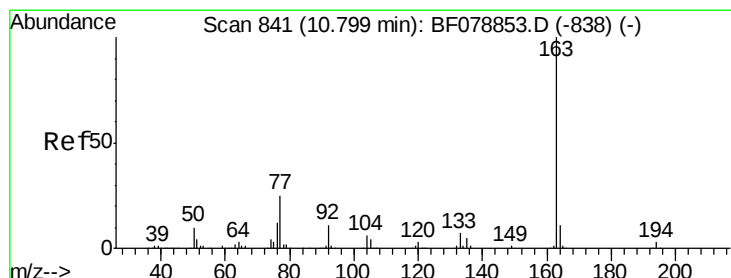
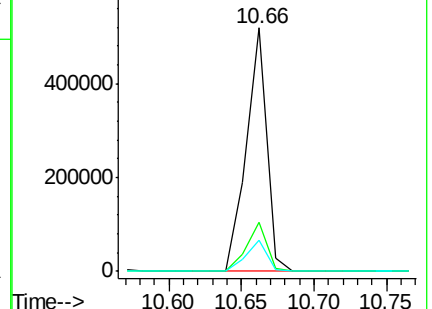
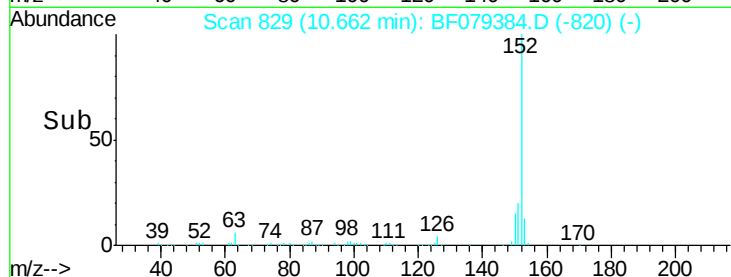
153 13.0 11.0 16.6



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: 42.63 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

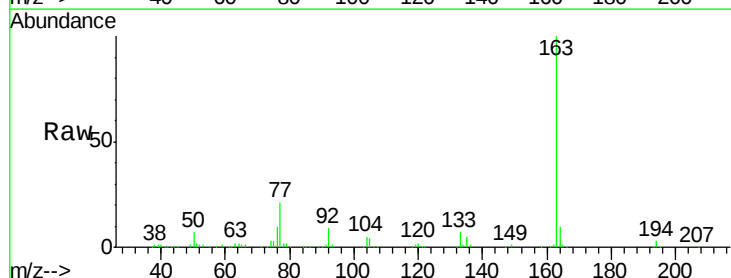
Tgt Ion:163 Resp: 431083

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

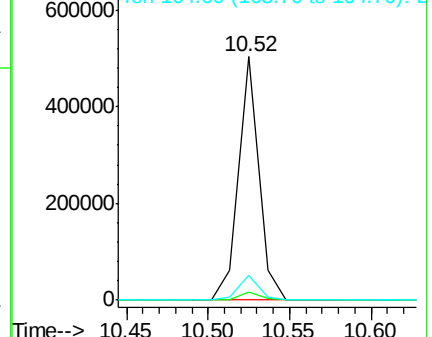
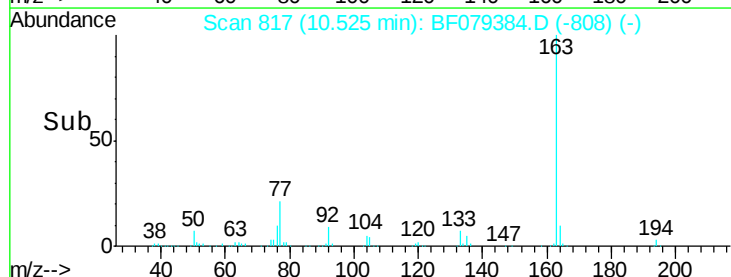
164 10.4 8.6 12.8

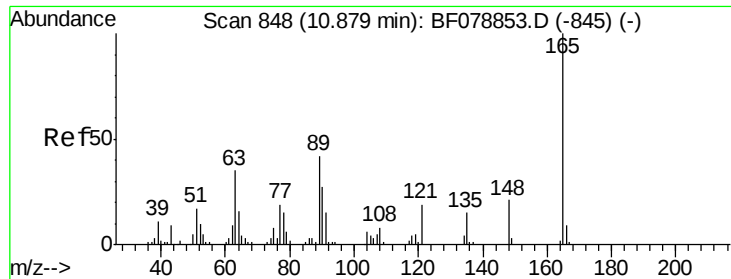


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

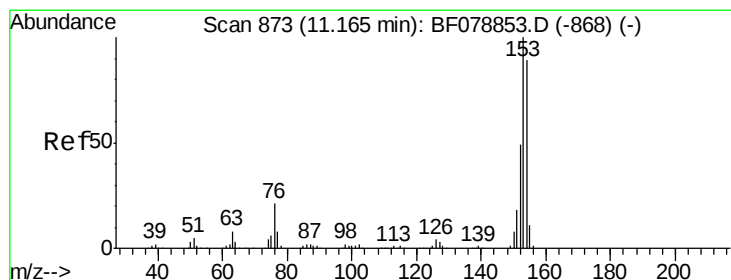
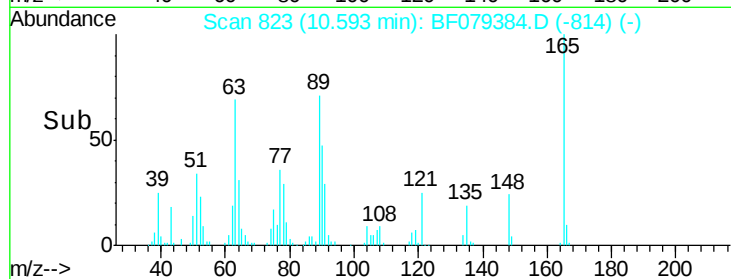
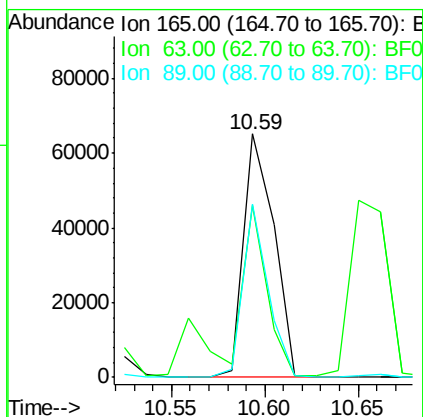
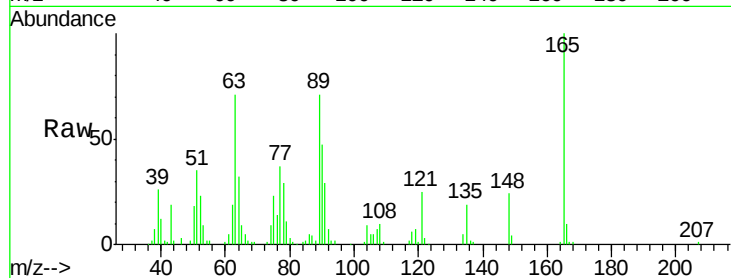




#50
 2,6-Dinitrotoluene
 Concen: 37.29 ng
 RT: 10.59 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

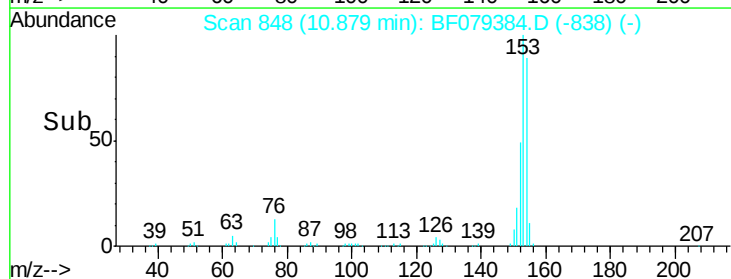
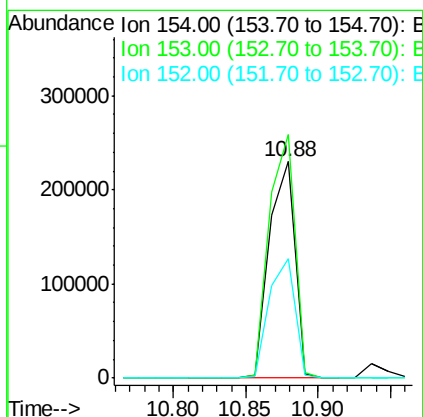
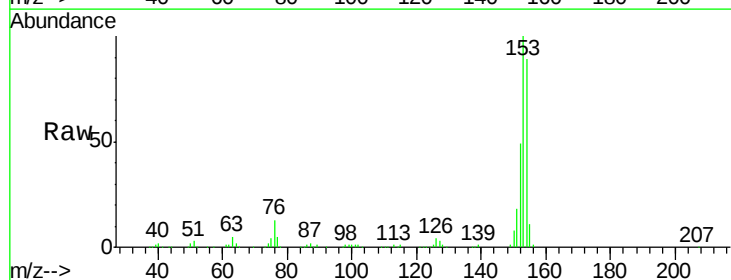
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

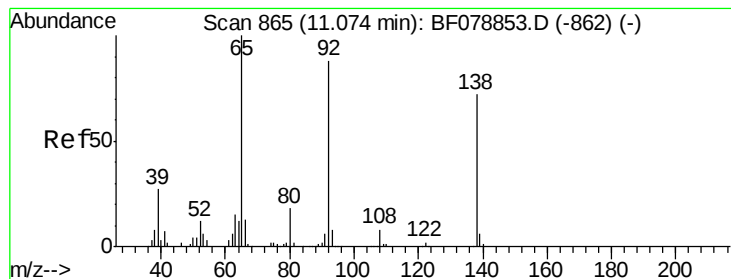
Tgt Ion:165 Resp: 74421
 Ion Ratio Lower Upper
 165 100
 63 70.6 29.2 43.8#
 89 71.2 33.3 49.9#



#51
 Acenaphthene
 Concen: 33.78 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion:154 Resp: 282614
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.2 135.2
 152 55.1 43.8 65.8





#52

3-Nitroaniline

Concen: 30.81 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

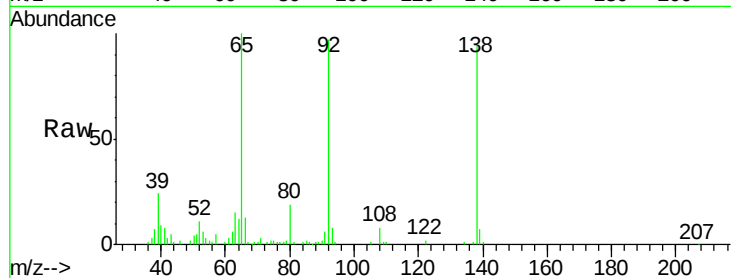
Tgt Ion:138 Resp: 76818

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

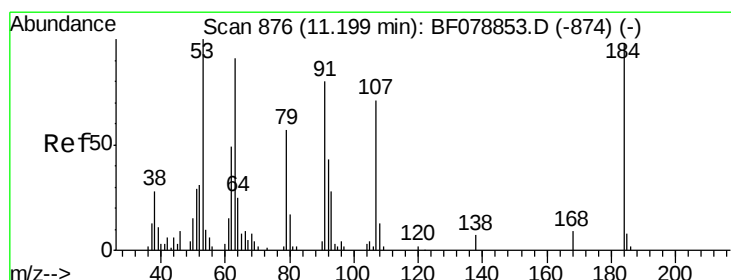
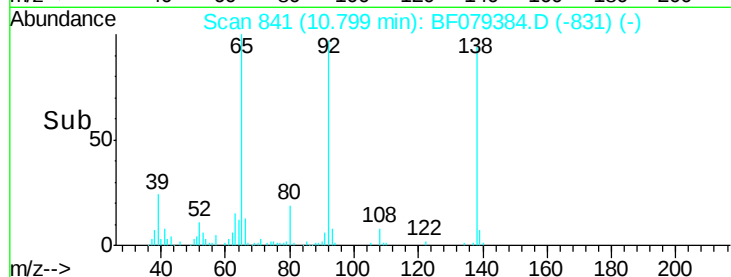
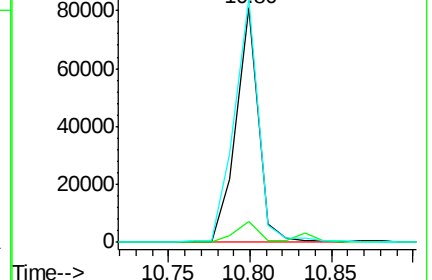
92 104.0 97.4 146.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 45.24 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

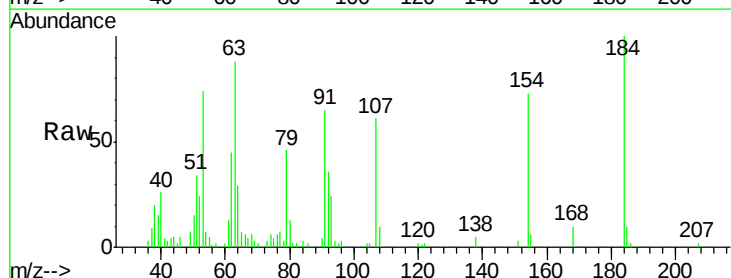
Tgt Ion:184 Resp: 26710

Ion Ratio Lower Upper

184 100

63 87.5 98.8 148.2#

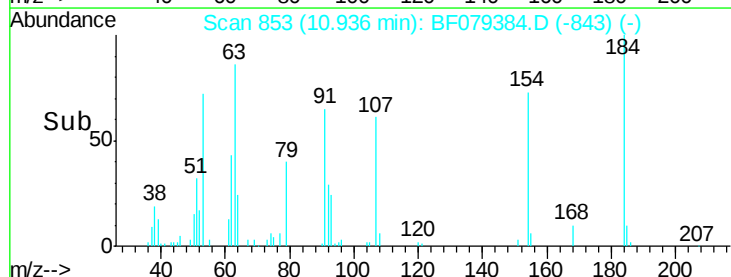
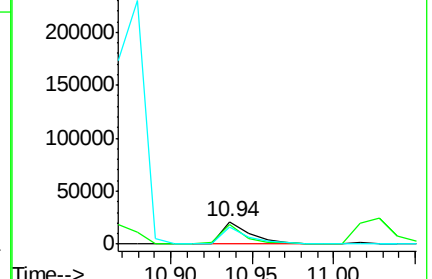
154 73.0 63.4 95.0

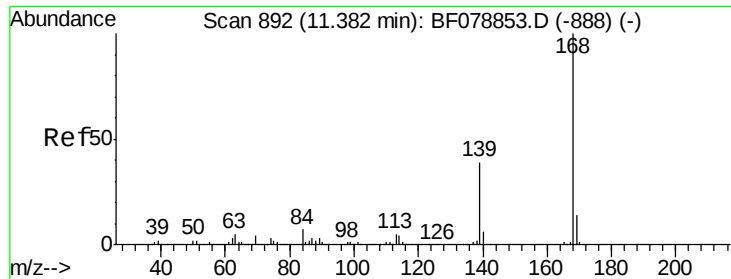


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

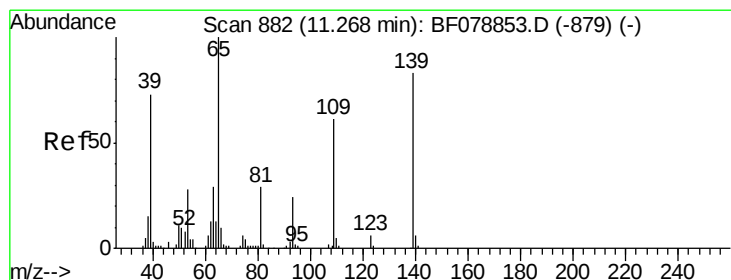
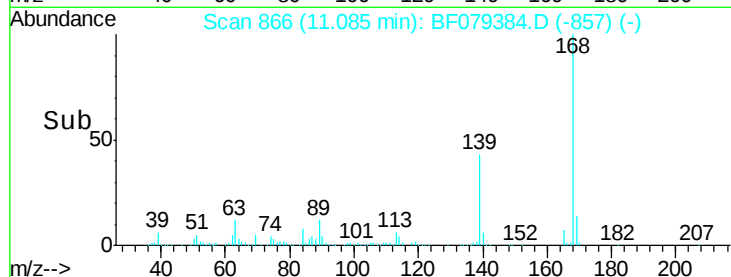
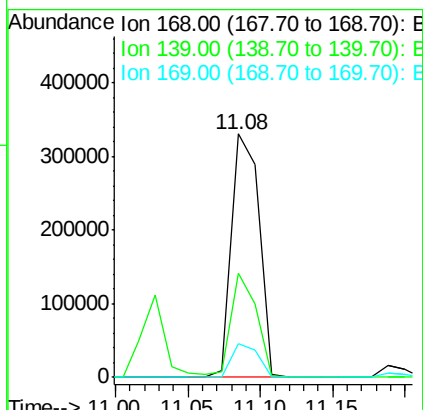
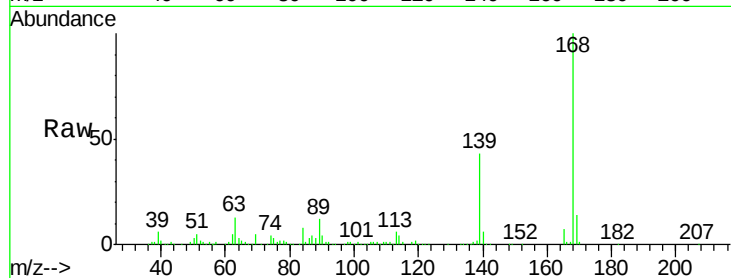




#54
Dibenzenofuran
Concen: 36.09 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

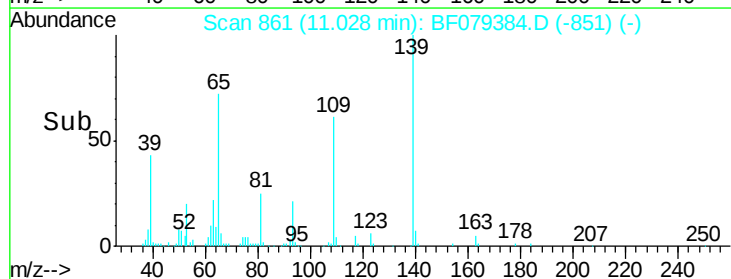
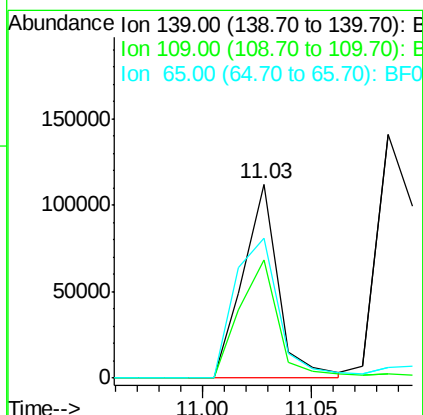
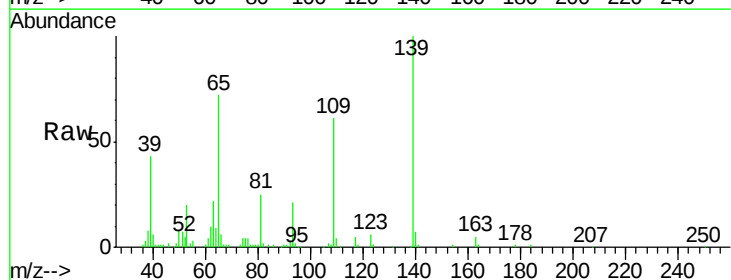
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

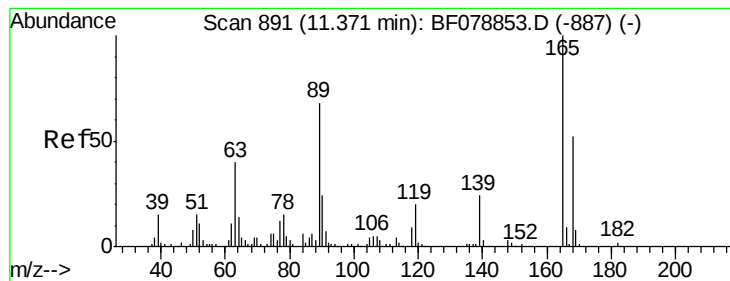
Tgt Ion:168 Resp: 436172
Ion Ratio Lower Upper
168 100
139 42.6 31.5 47.3
169 14.0 11.0 16.4



#55
4-Nitrophenol
Concen: 64.45 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion:139 Resp: 127169
Ion Ratio Lower Upper
139 100
109 61.0 54.4 94.4
65 72.3 101.0 141.0#





#56

2,4-Dinitrotoluene

Concen: 39.24 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

Tgt Ion:165 Resp: 103541

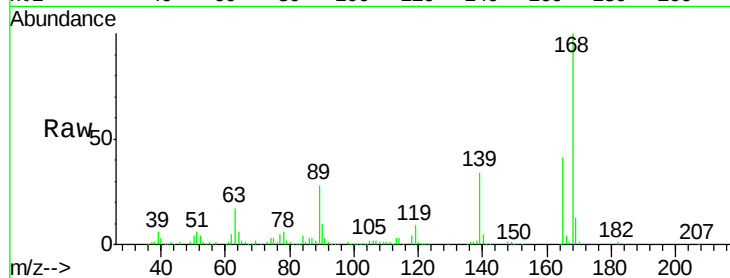
Ion Ratio Lower Upper

165 100

63 42.5 32.3 48.5

89 69.5 54.6 81.8

182 1.9 1.8 2.6

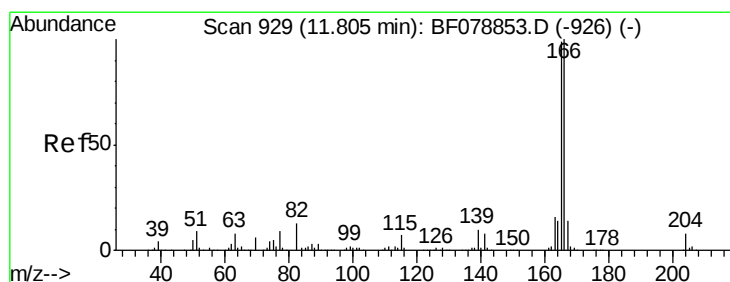
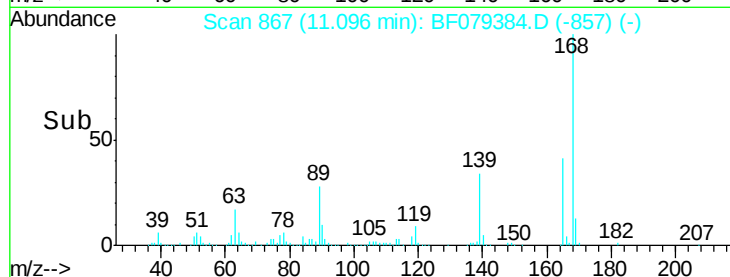
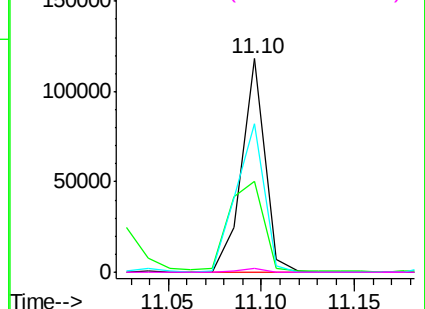


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.07 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

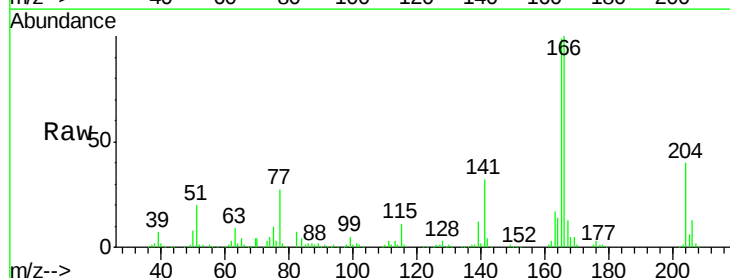
Tgt Ion:166 Resp: 357811

Ion Ratio Lower Upper

166 100

165 98.7 79.5 119.3

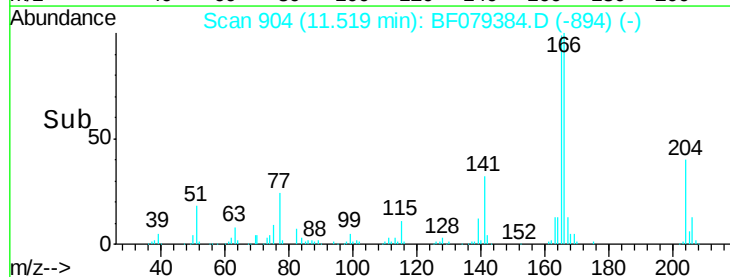
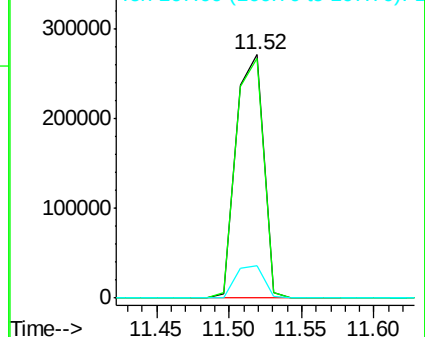
167 13.1 11.0 16.6

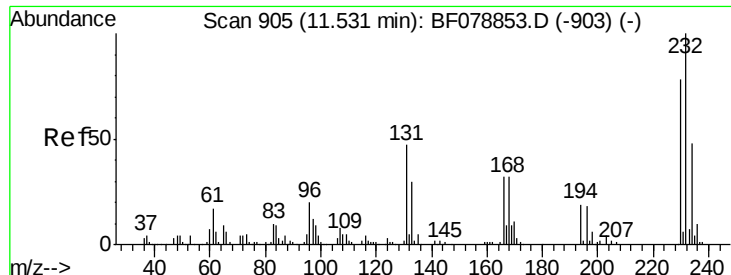


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

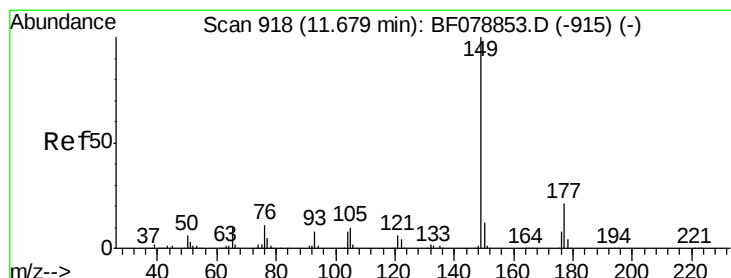
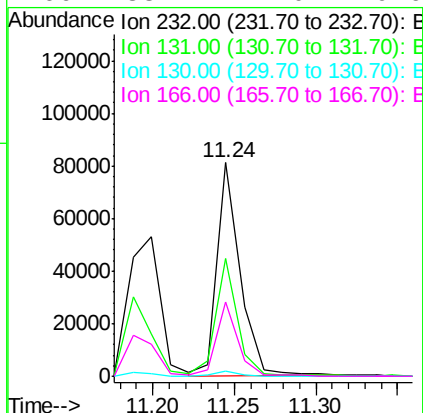
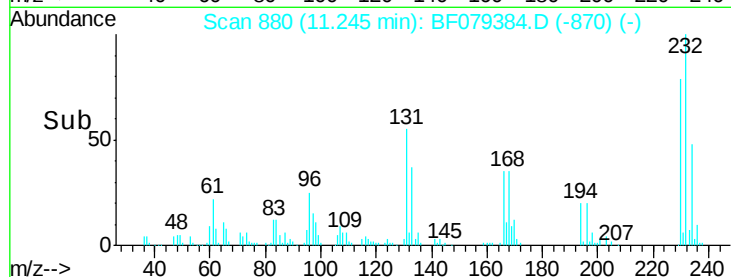
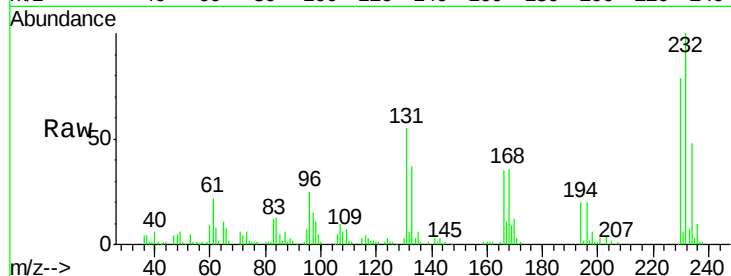




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.88 ng
 RT: 11.24 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

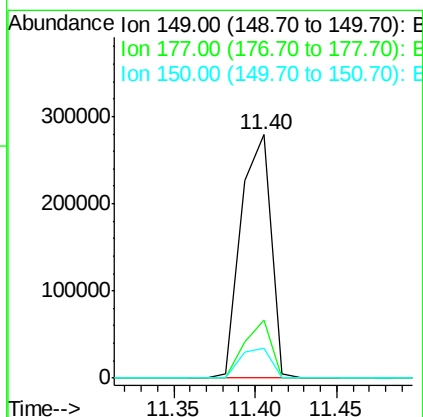
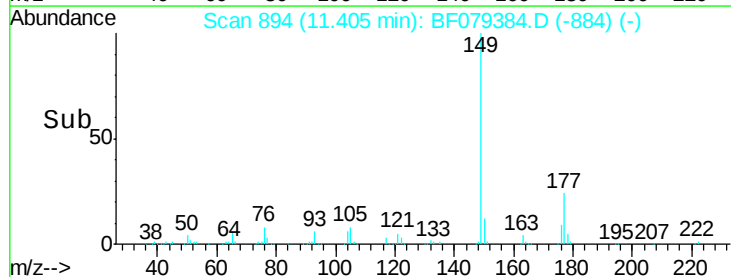
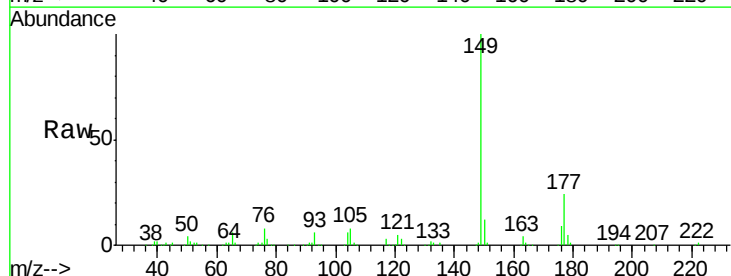
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

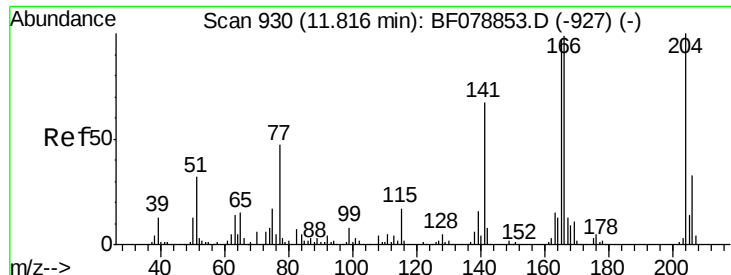
Tgt Ion:	232	Resp:	79081
Ion	Ratio	Lower	Upper
232	100		
131	52.4	41.9	62.9
130	2.8	1.9	2.9
166	33.2	27.0	40.6



#59
 Diethylphthalate
 Concen: 35.27 ng
 RT: 11.40 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion:	149	Resp:	353353
Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.4	24.6
150	12.0	9.8	14.6

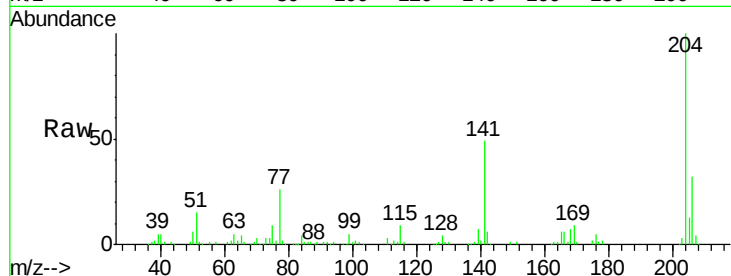




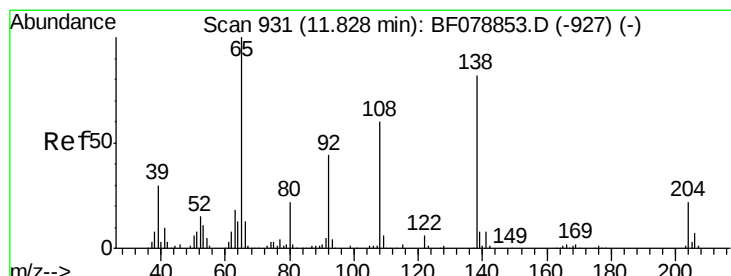
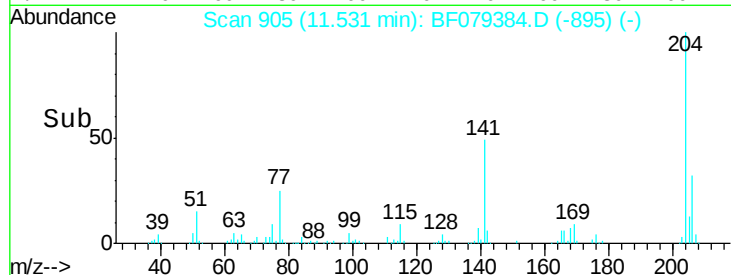
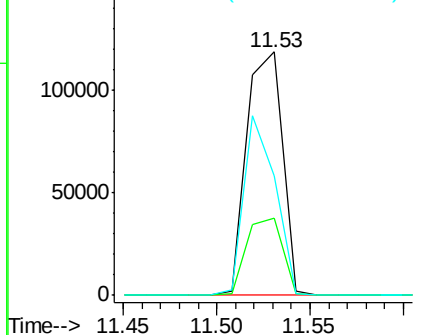
#60
 4-Chlorophenyl-phenylether
 Concen: 35.93 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

Tgt Ion: 204 Resp: 158108
 Ion Ratio Lower Upper
 204 100
 206 31.8 26.2 39.4
 141 49.1 53.6 80.4#

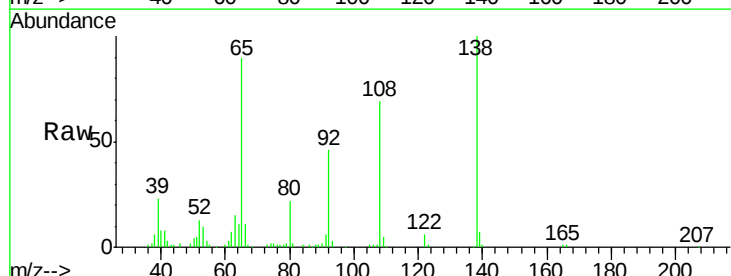


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

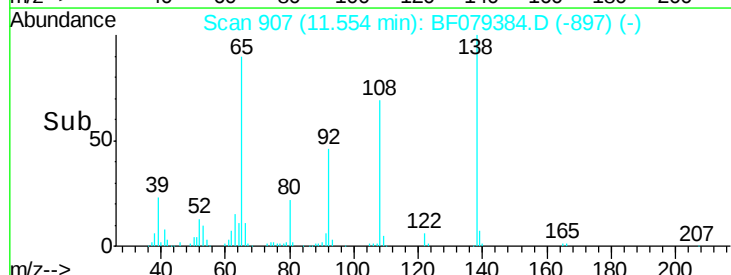
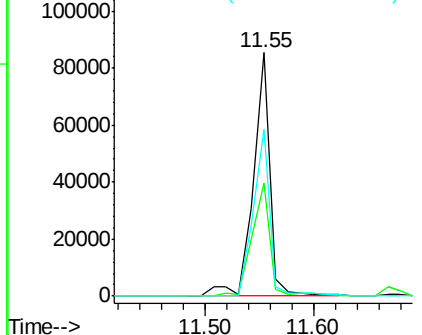


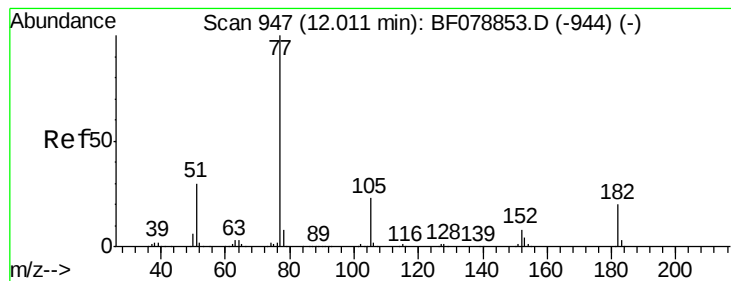
#61
 4-Nitroaniline
 Concen: 36.77 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion: 138 Resp: 91703
 Ion Ratio Lower Upper
 138 100
 92 46.3 33.7 73.7
 108 68.6 53.4 93.4



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: 35.37 ng

RT: 11.73 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

Tgt Ion: 77 Resp: 349186

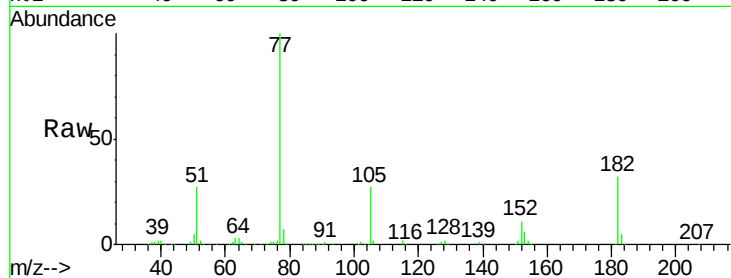
Ion Ratio Lower Upper

77 100

182 31.6 0.0 40.0

105 26.6 2.9 42.9

51 26.6 10.0 50.0

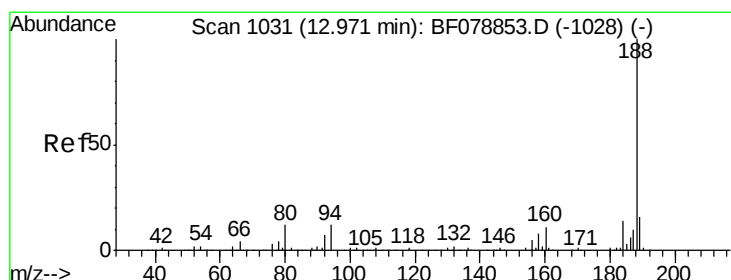
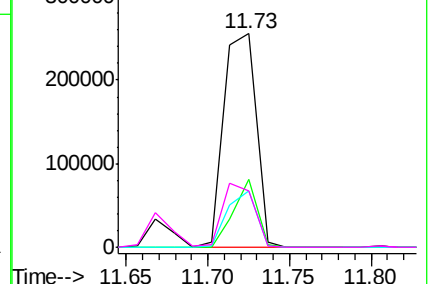
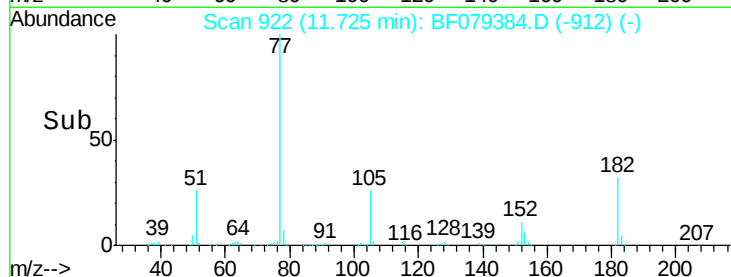


Abundance Ion 77.00 (76.70 to 77.70): BF079384.D (-922) (-)

Ion 182.00 (181.70 to 182.70): BF079384.D (-922) (-)

Ion 105.00 (104.70 to 105.70): BF079384.D (-922) (-)

Ion 51.00 (50.70 to 51.70): BF079384.D (-922) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

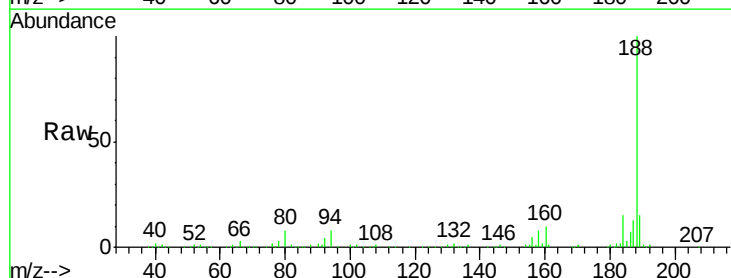
Tgt Ion: 188 Resp: 262309

Ion Ratio Lower Upper

188 100

94 8.3 9.4 14.0#

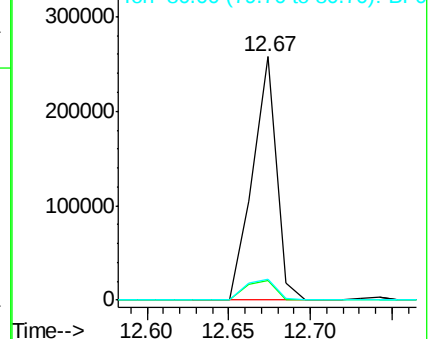
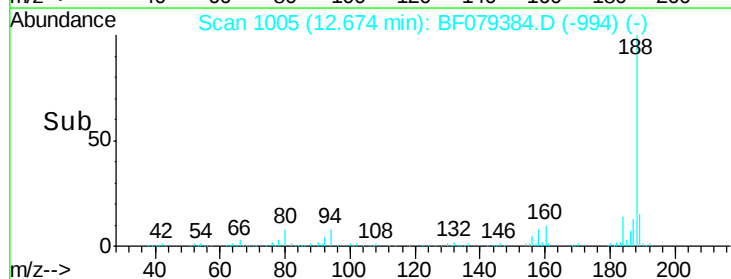
80 8.5 9.8 14.6#

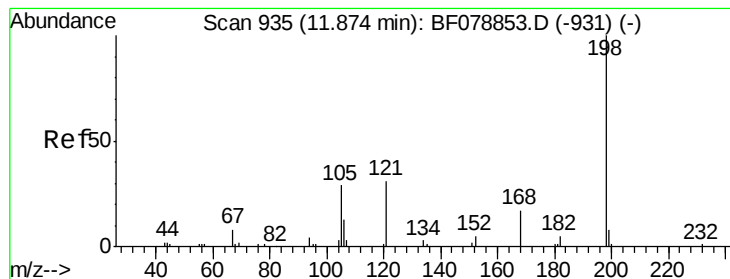


Abundance Ion 188.00 (187.70 to 188.70): BF079384.D (-994) (-)

Ion 94.00 (93.70 to 94.70): BF079384.D (-994) (-)

Ion 80.00 (79.70 to 80.70): BF079384.D (-994) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 35.77 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

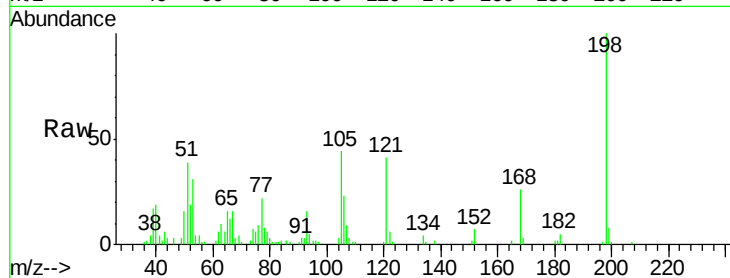
Tgt Ion:198 Resp: 35012

Ion Ratio Lower Upper

198 100

51 39.1 7.0 47.0

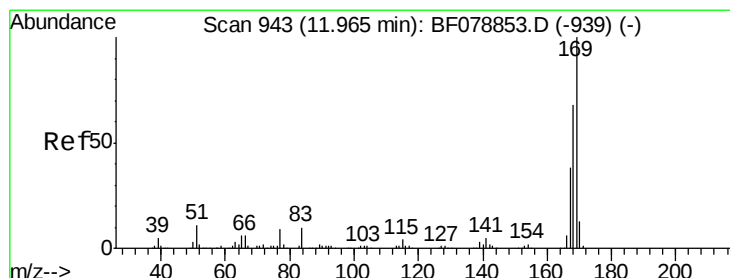
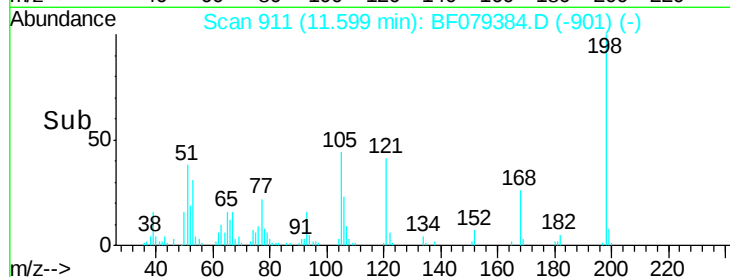
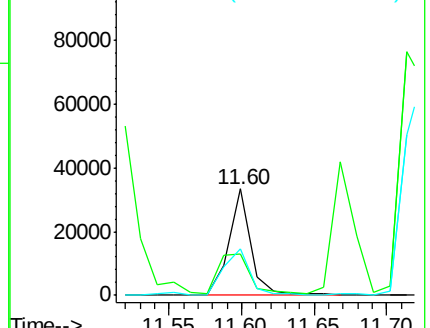
105 43.7 13.7 53.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.47 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

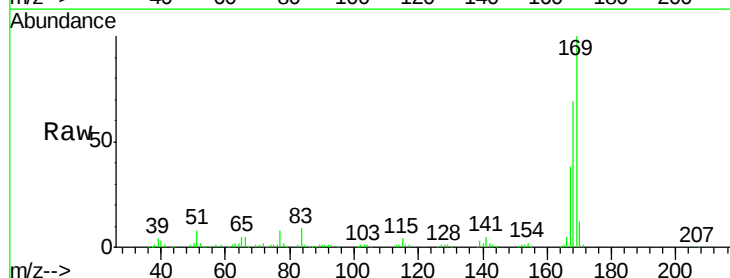
Tgt Ion:169 Resp: 301114

Ion Ratio Lower Upper

169 100

168 68.7 54.1 81.1

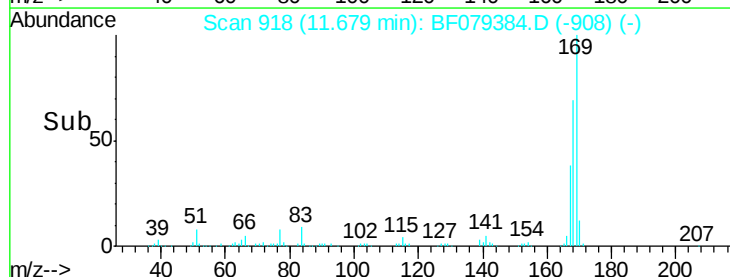
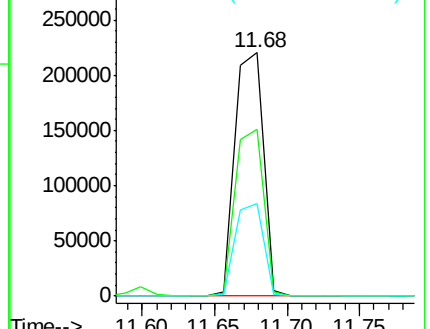
167 37.9 30.1 45.1

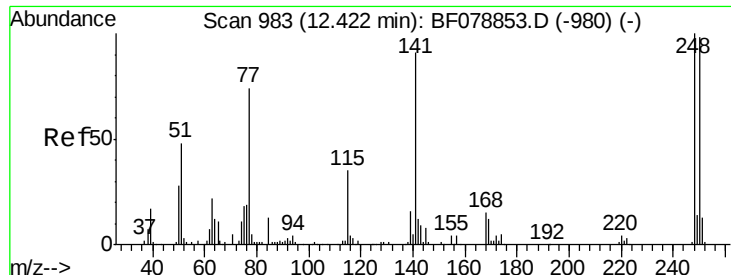


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

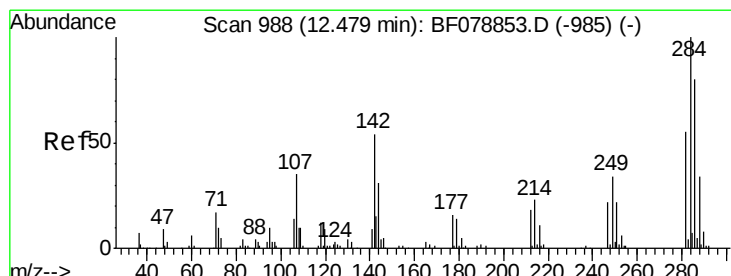
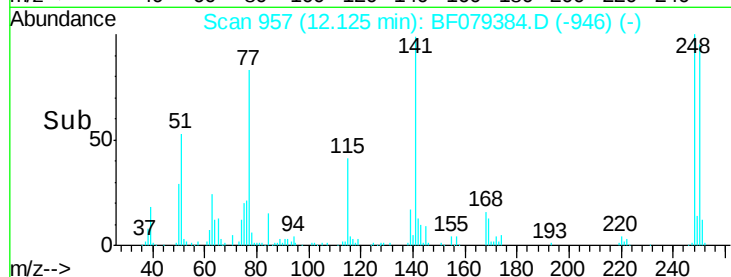
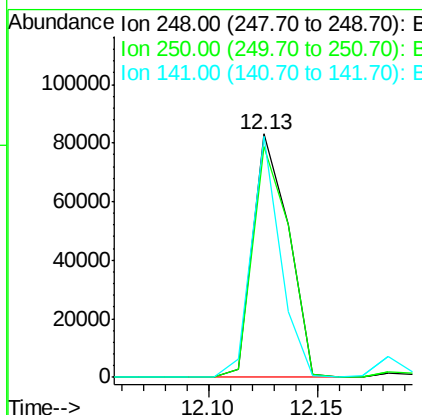
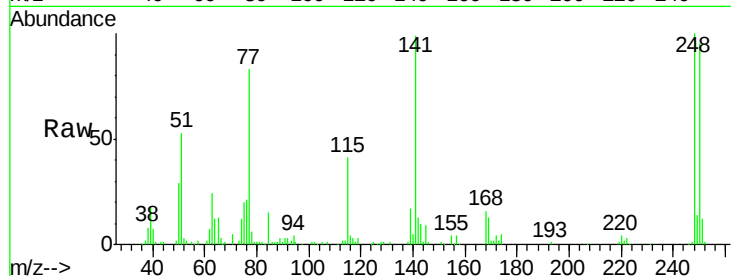




#66
 4-Bromophenyl-phenylether
 Concen: 34.93 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

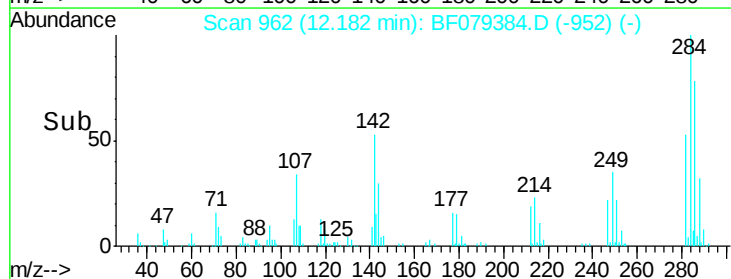
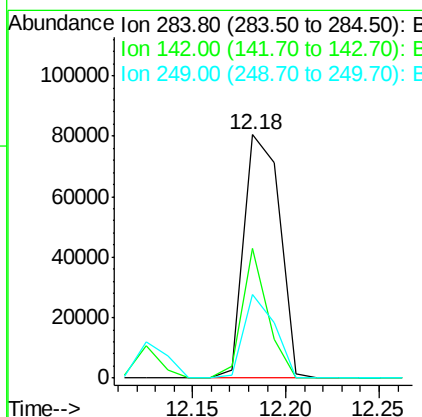
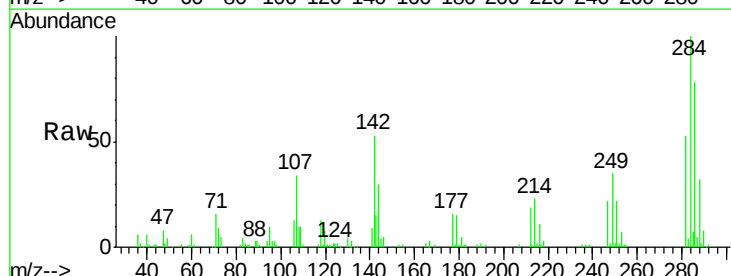
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

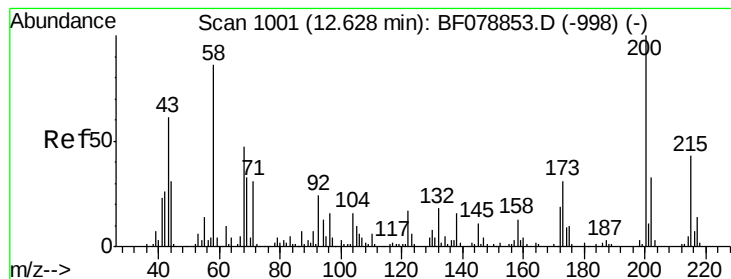
Tgt Ion:248 Resp: 95500
 Ion Ratio Lower Upper
 248 100
 250 94.9 78.0 117.0
 141 98.8 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 34.14 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion:284 Resp: 106678
 Ion Ratio Lower Upper
 284 100
 142 53.1 43.2 64.8
 249 34.5 27.5 41.3





#68

Atrazine

Concen: 38.51 ng

RT: 12.35 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

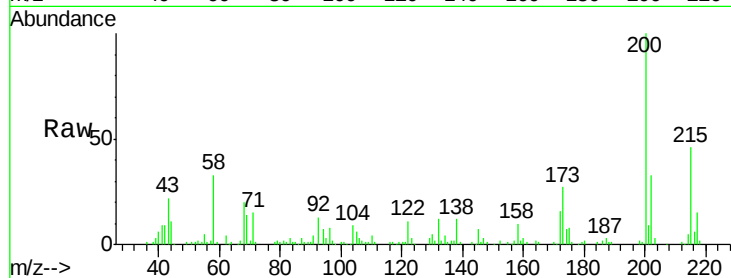
Tgt Ion:200 Resp: 97834

Ion Ratio Lower Upper

200 100

173 27.0 10.9 50.9

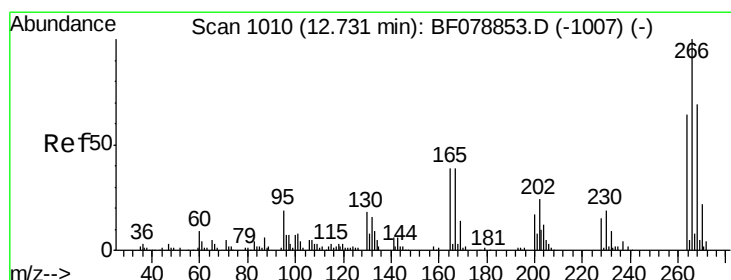
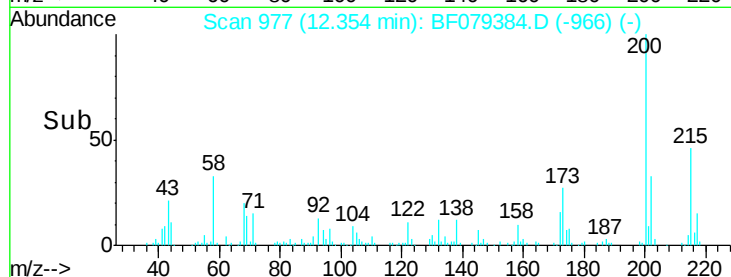
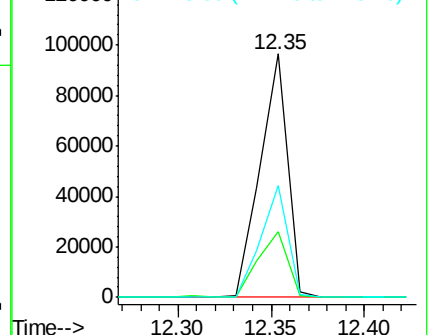
215 46.1 23.2 63.2



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: 57.18 ng

RT: 12.45 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

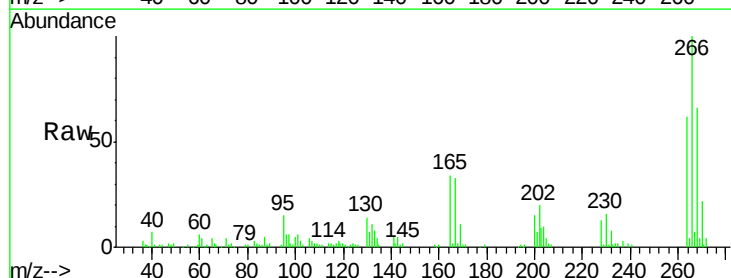
Tgt Ion:266 Resp: 100643

Ion Ratio Lower Upper

266 100

268 66.0 55.0 82.6

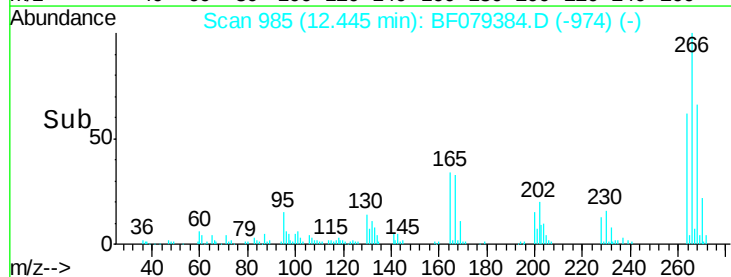
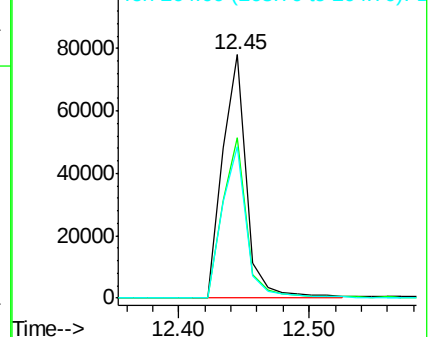
264 62.0 50.9 76.3

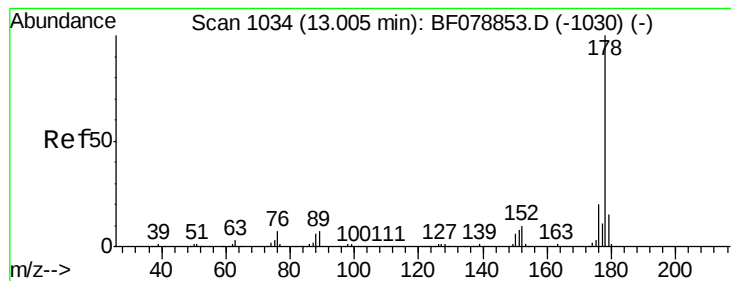


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.52 ng

RT: 12.70 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

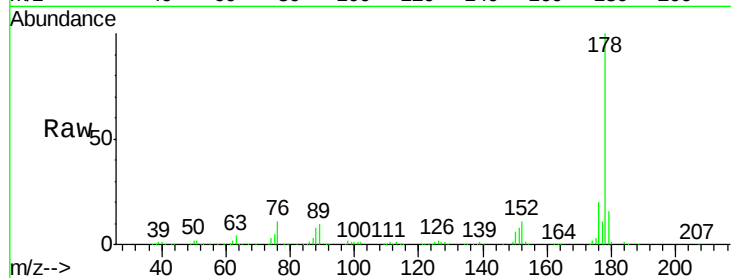
Tgt Ion:178 Resp: 506620

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

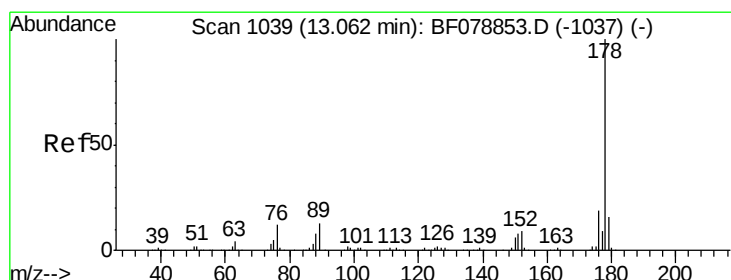
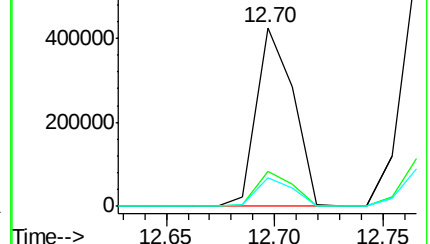
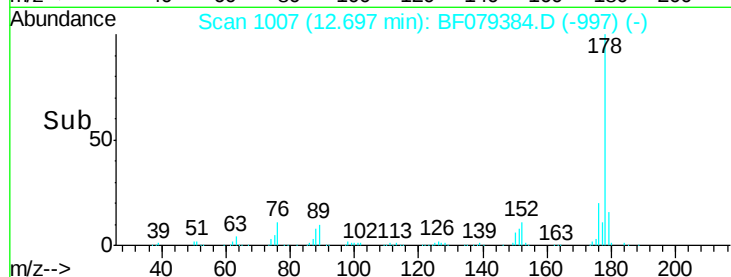
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 36.74 ng

RT: 12.77 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

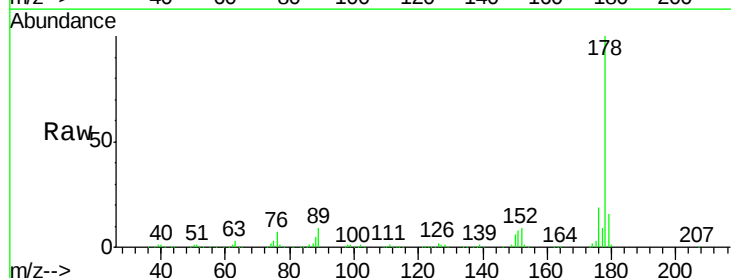
Tgt Ion:178 Resp: 528959

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

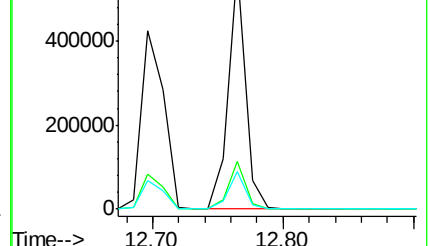
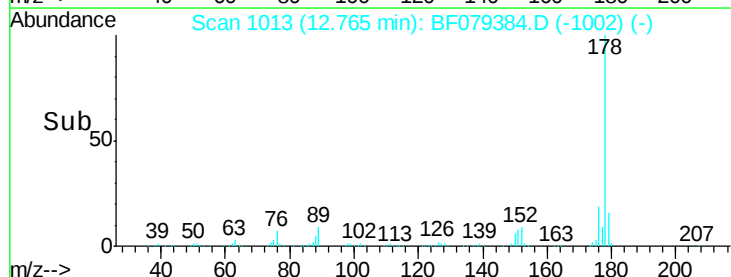
179 15.6 12.6 19.0

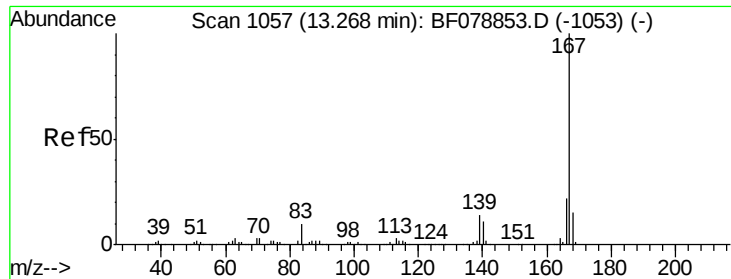


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.22 ng

RT: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

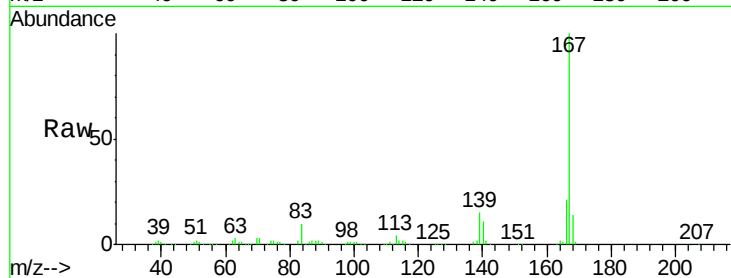
Tgt Ion:167 Resp: 510727

Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

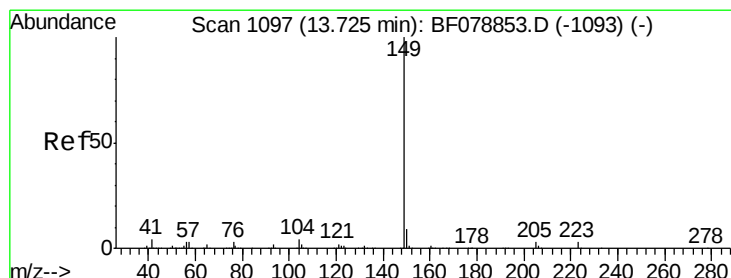
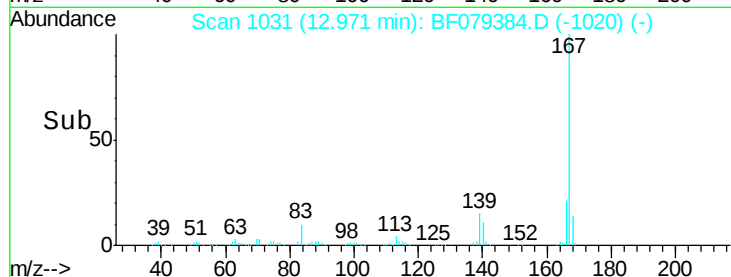
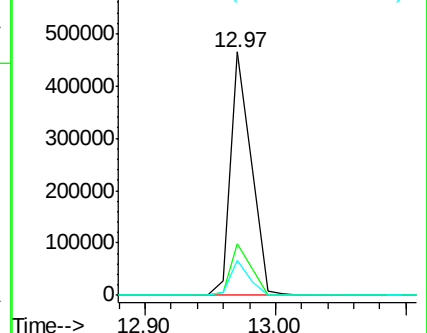
139 14.6 11.0 16.4



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: 35.60 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

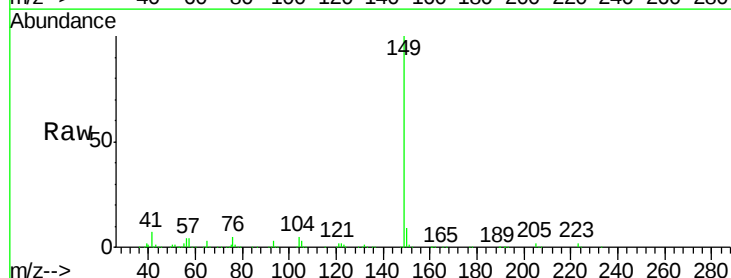
Tgt Ion:149 Resp: 585744

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.4

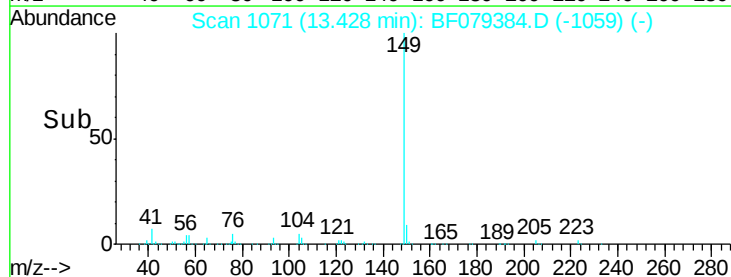
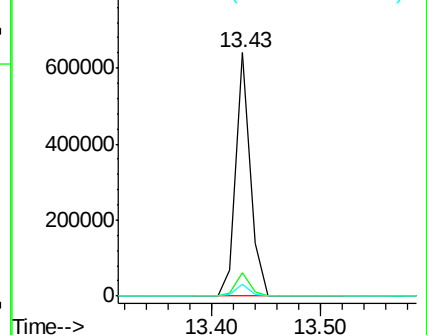
104 4.8 3.3 4.9

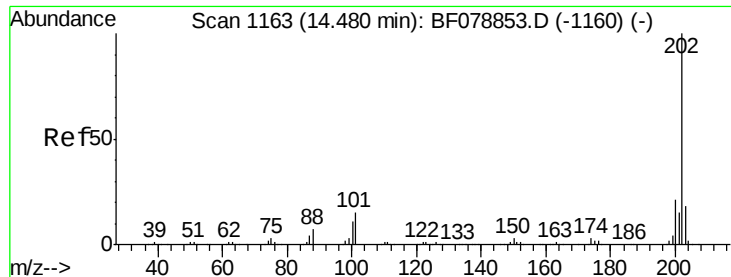


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

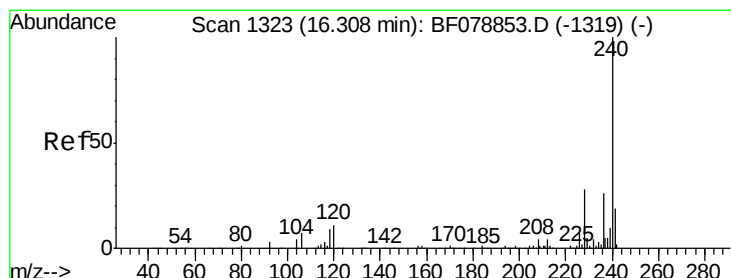
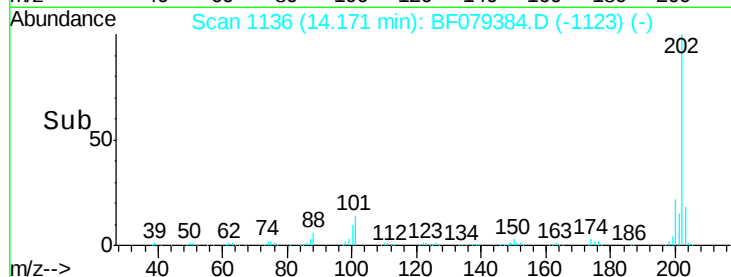
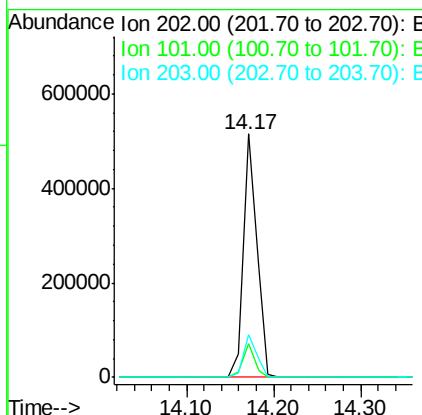
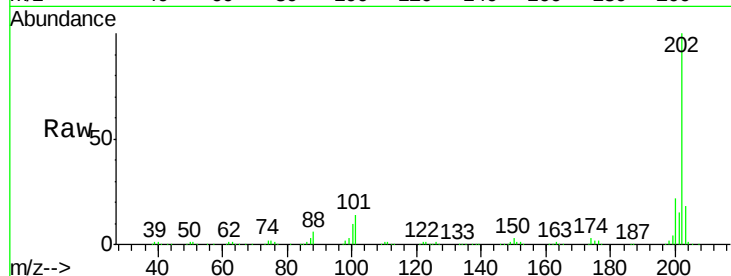




#74
 Fluoranthene
 Concen: 36.25 ng
 RT: 14.17 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

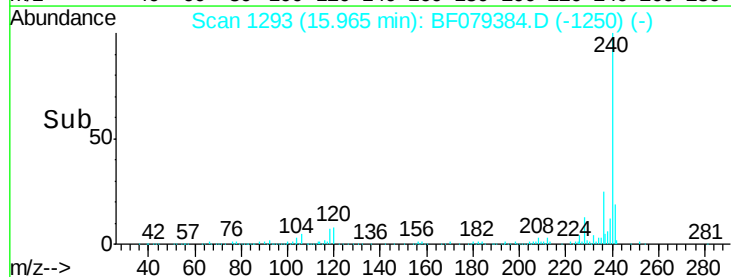
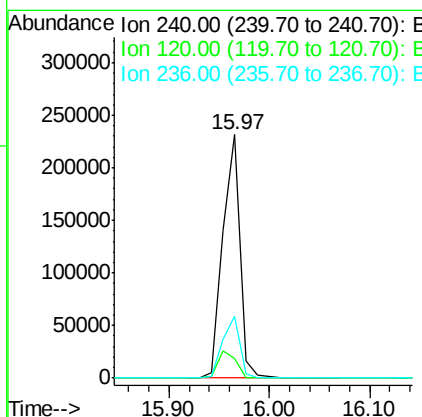
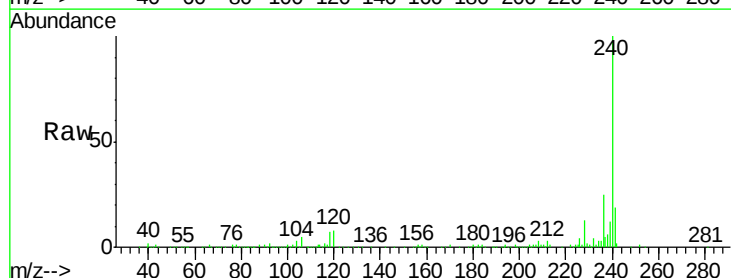
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

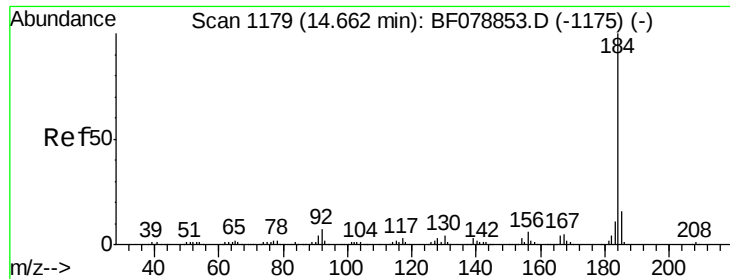
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.7
203	17.5	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.6	12.8#
236	25.4	21.0	31.6

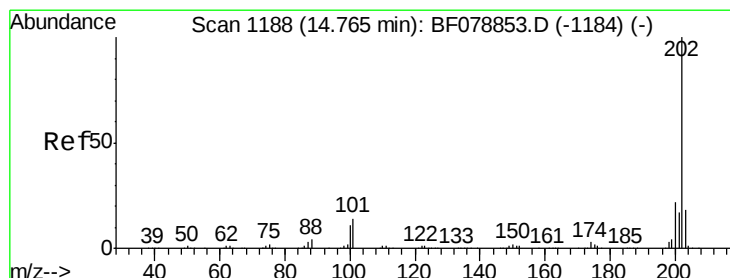
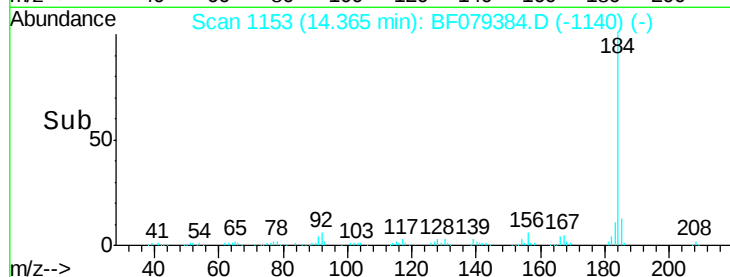
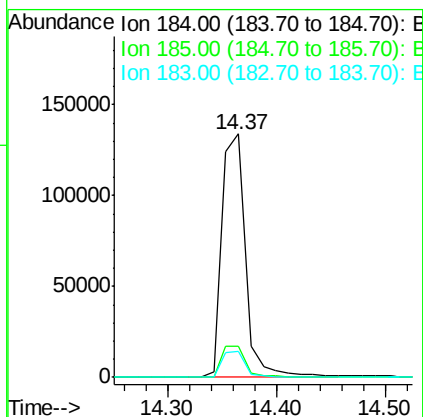
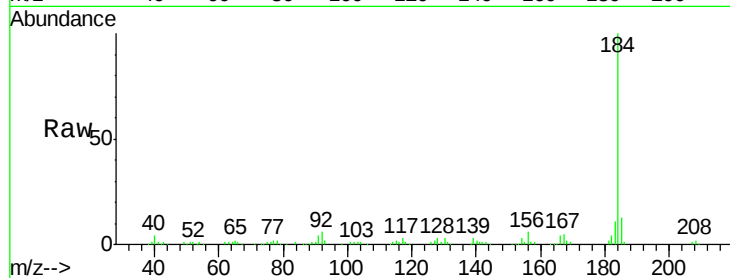




#76
Benzidine
Concen: 27.50 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

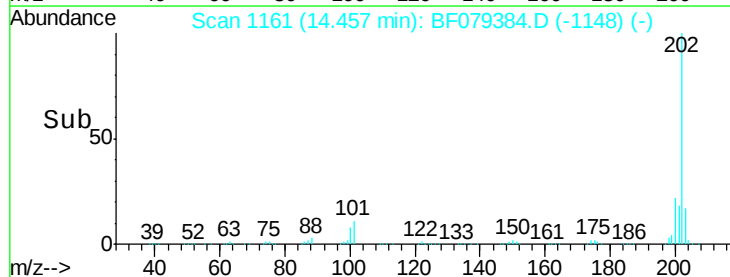
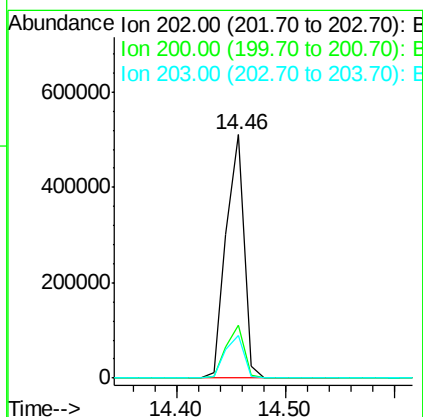
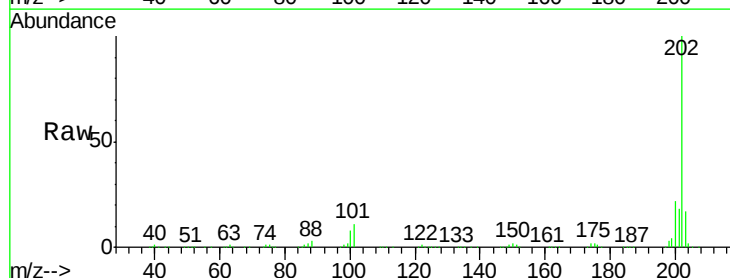
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

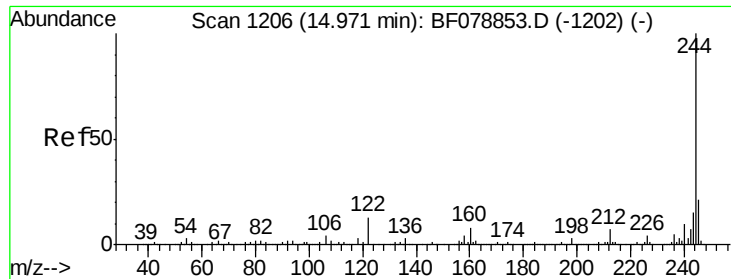
Tgt Ion:184 Resp: 202654
Ion Ratio Lower Upper
184 100
185 12.9 12.8 19.2
183 10.6 9.0 13.4



#77
Pyrene
Concen: 37.26 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion:202 Resp: 587232
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 17.4 14.7 22.1

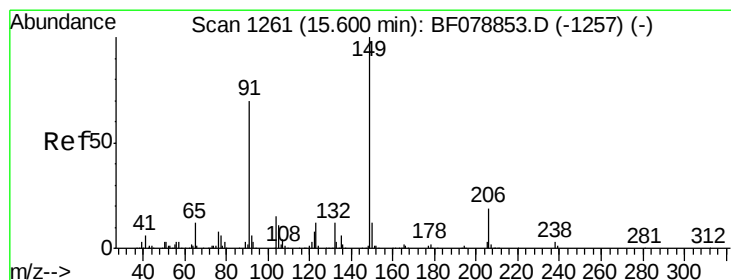
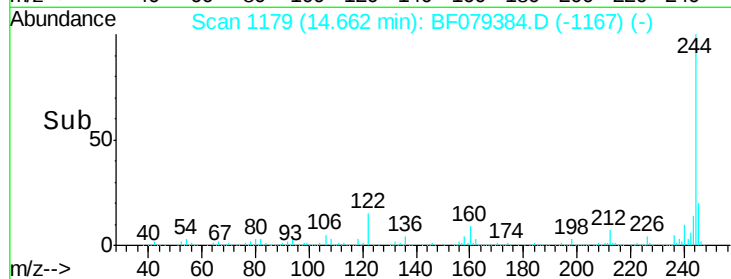
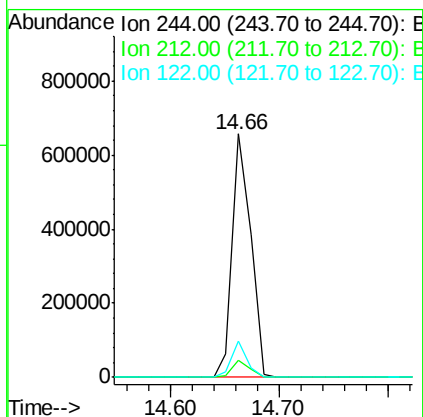
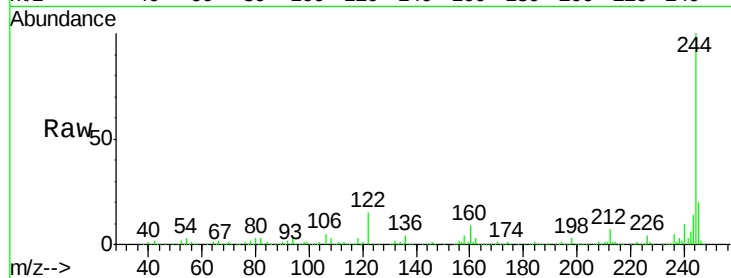




#78
 Terphenyl-d14
 Concen: 67.11 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

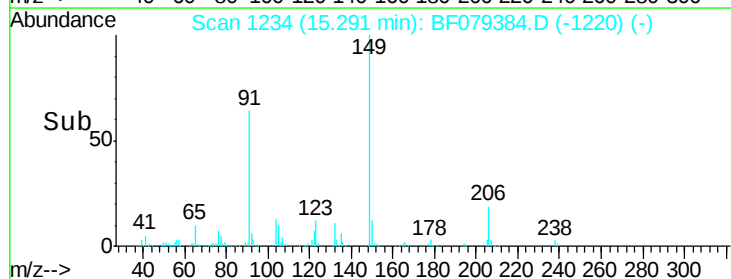
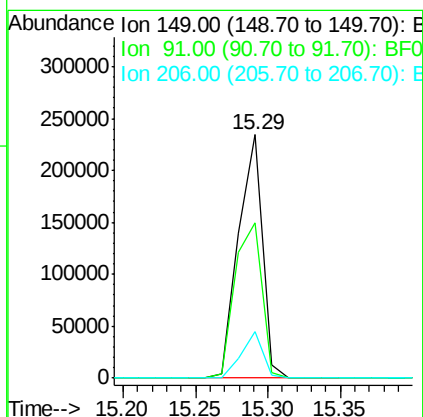
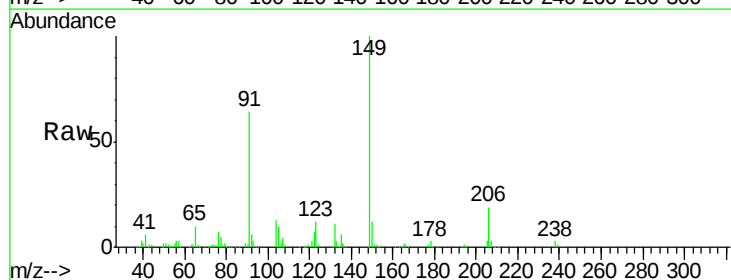
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

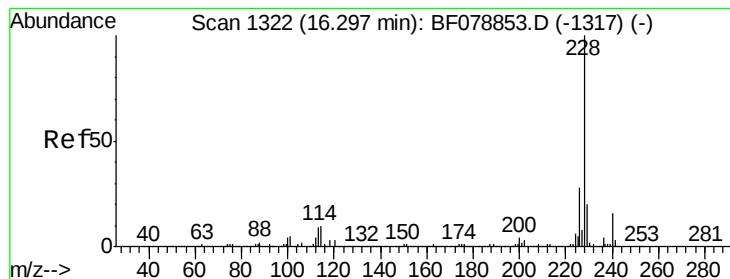
Tgt Ion: 244 Resp: 766546
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 15.1 10.5 15.7



#79
 Butylbenzylphthalate
 Concen: 38.90 ng
 RT: 15.29 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF079384.D
 Acq: 20 May 2015 18:03

Tgt Ion: 149 Resp: 267950
 Ion Ratio Lower Upper
 149 100
 91 64.0 56.2 84.2
 206 19.3 15.2 22.8





#80

Benzo(a)anthracene

Concen: 37.14 ng

RT: 15.95 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

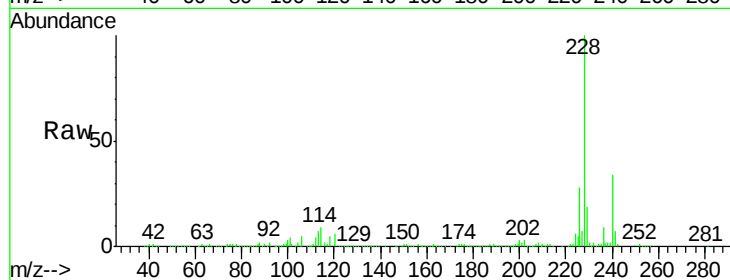
Tgt Ion: 228 Resp: 556205

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

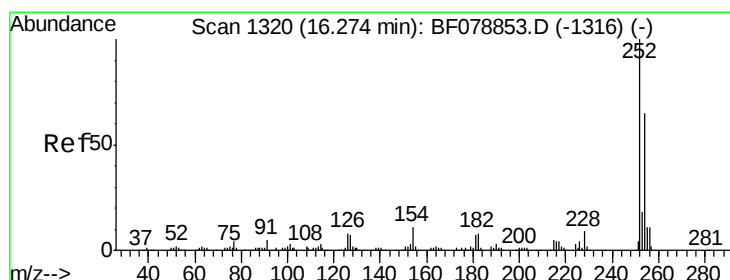
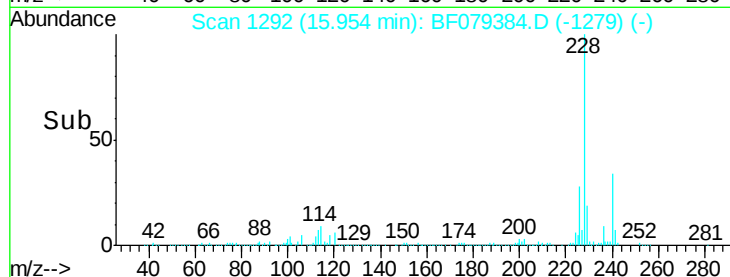
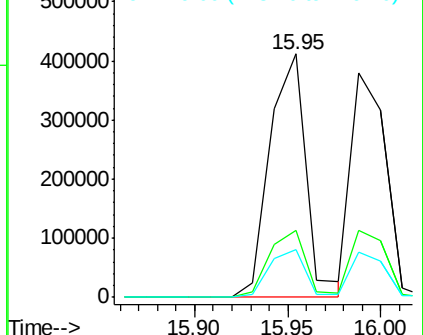
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.58 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

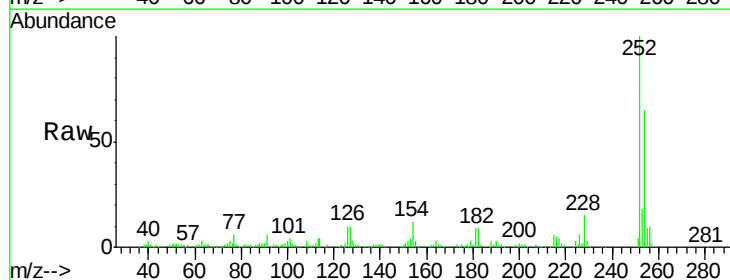
Tgt Ion: 252 Resp: 163135

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

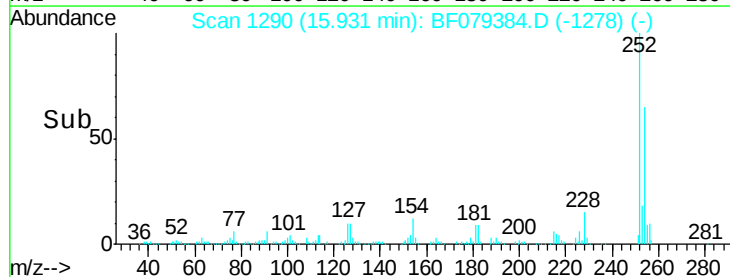
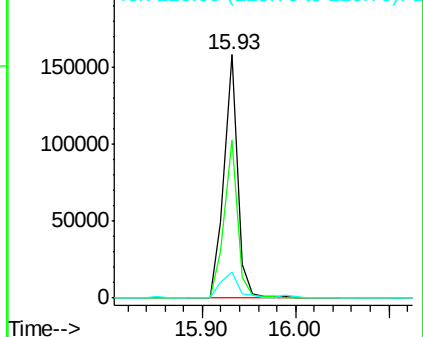
126 10.5 6.6 9.8#

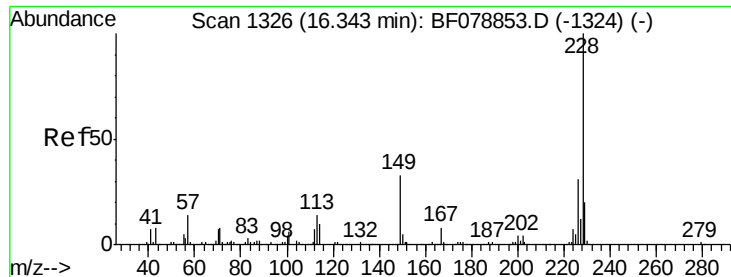


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.35 ng

RT: 15.99 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

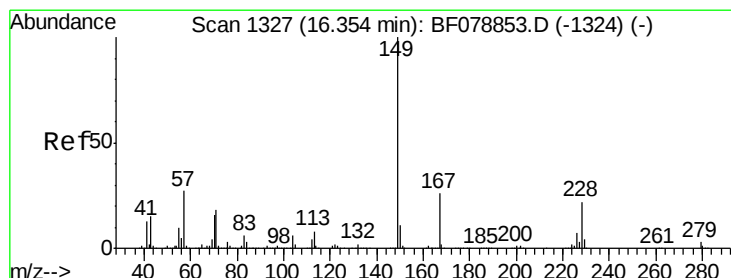
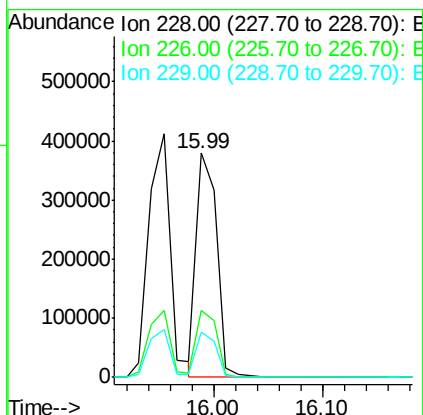
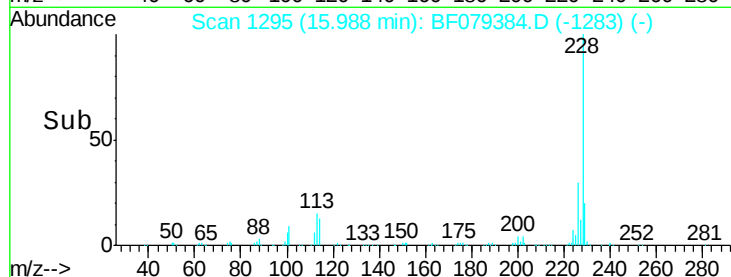
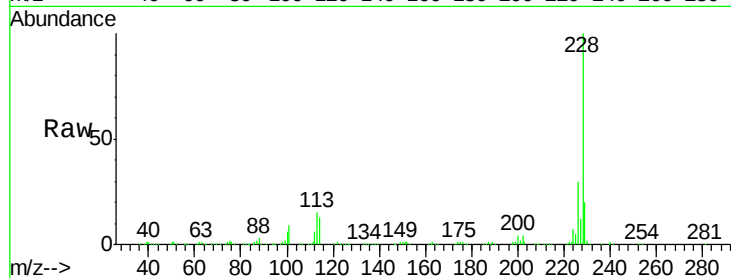
Tgt Ion:228 Resp: 494694

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

229 20.3 16.1 24.1



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.49 ng

RT: 16.01 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

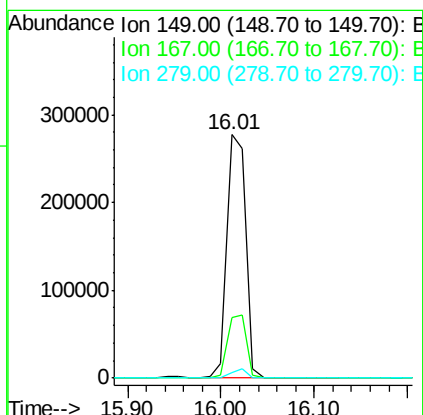
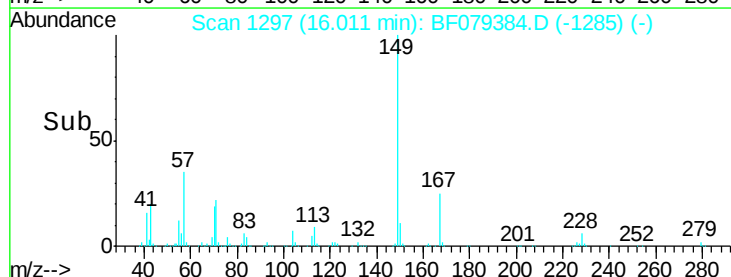
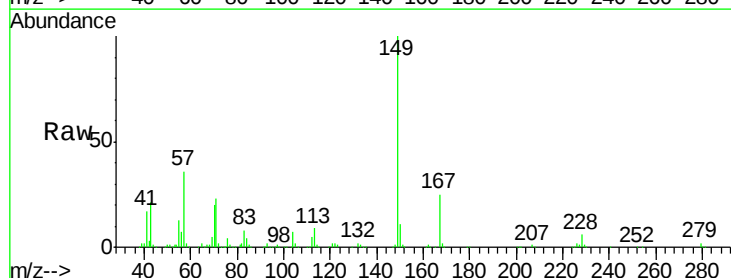
Tgt Ion:149 Resp: 391184

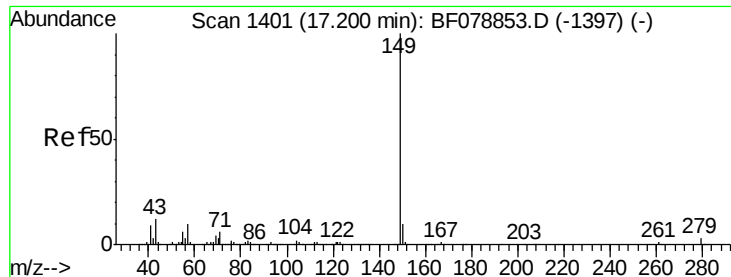
Ion Ratio Lower Upper

149 100

167 24.9 21.2 31.8

279 2.0 2.6 4.0#





#84

Di-n-octyl phthalate

Concen: 36.04 ng

RT: 16.82 min Scan# 1368

Delta R.T. -0.06 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

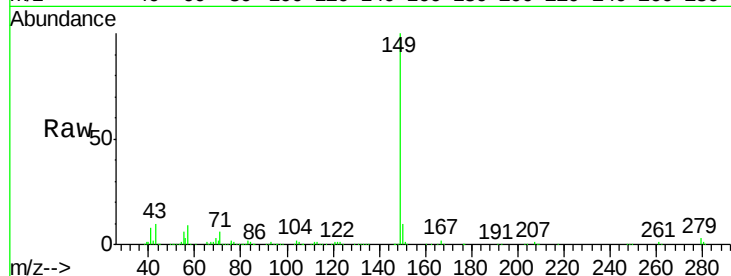
Tgt Ion:149 Resp: 662276

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

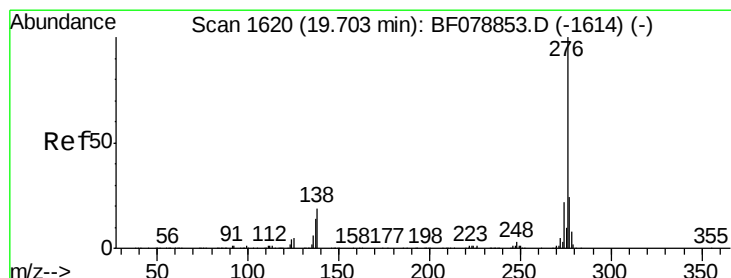
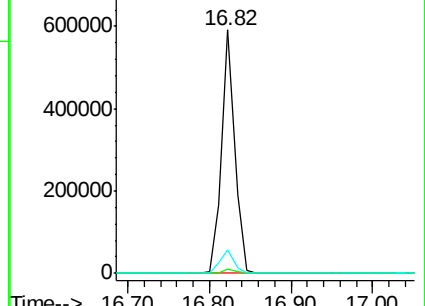
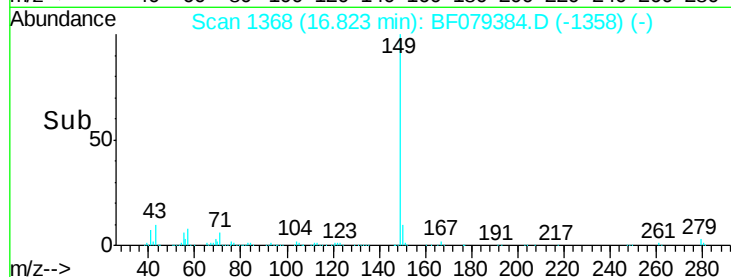
43 10.0 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.81 ng

RT: 19.09 min Scan# 1566

Delta R.T. -0.13 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

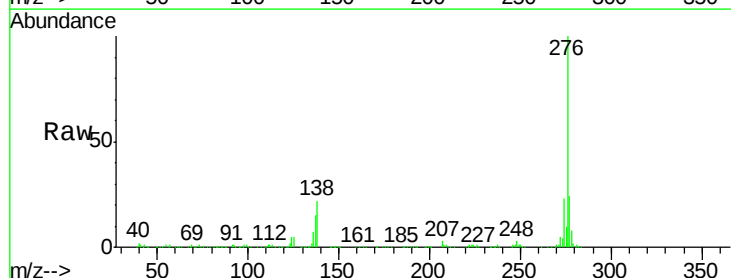
Tgt Ion:276 Resp: 675583

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

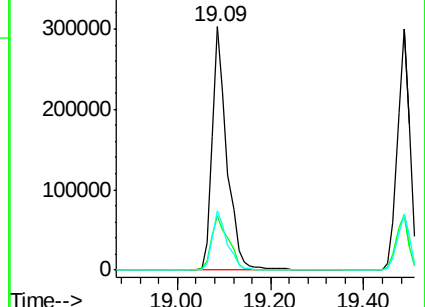
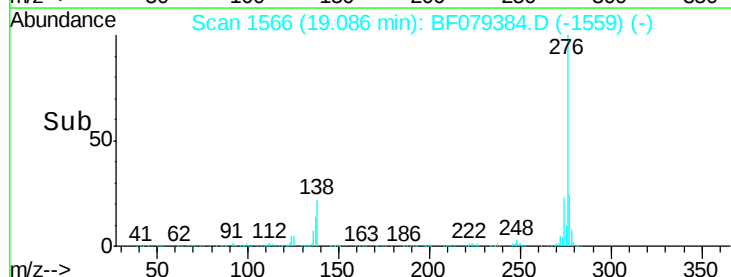
277 24.9 19.9 29.9

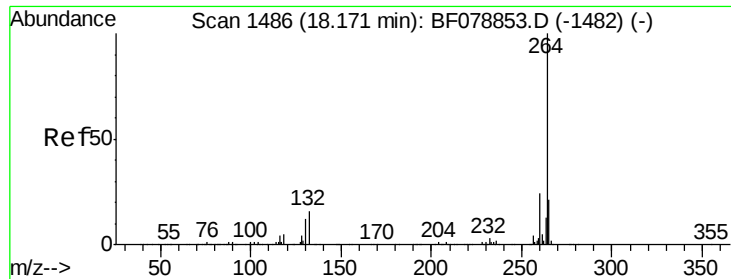


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

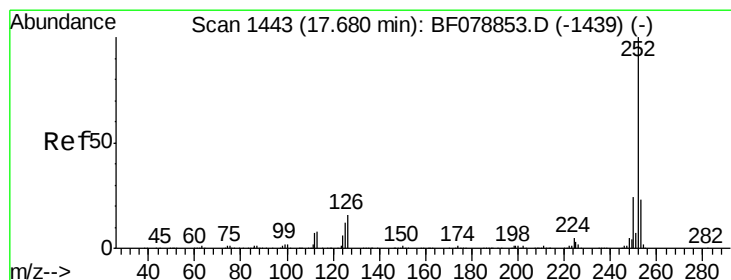
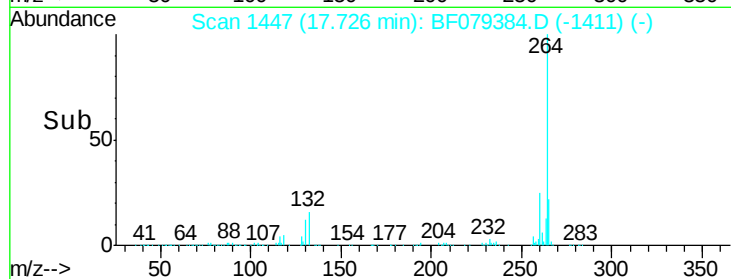
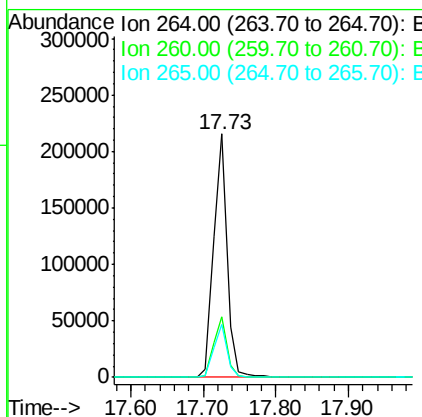
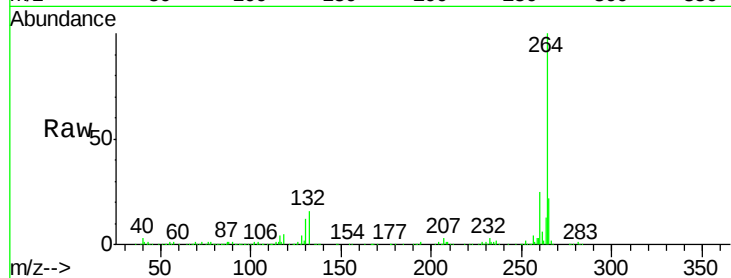




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.09 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

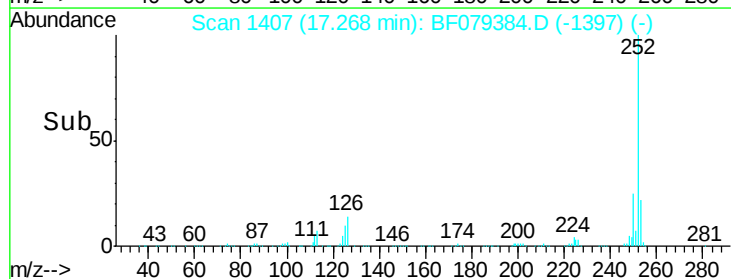
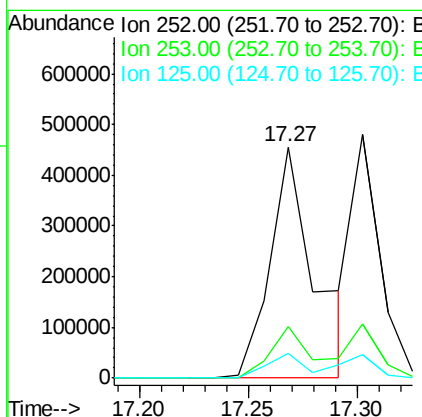
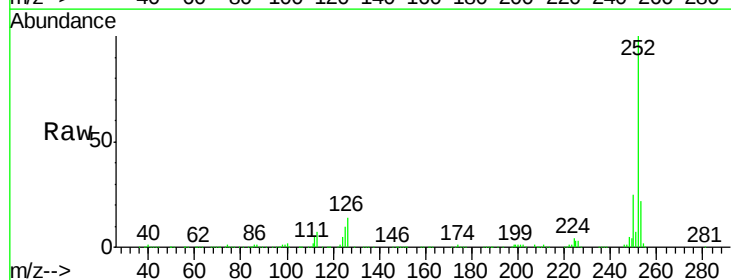
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

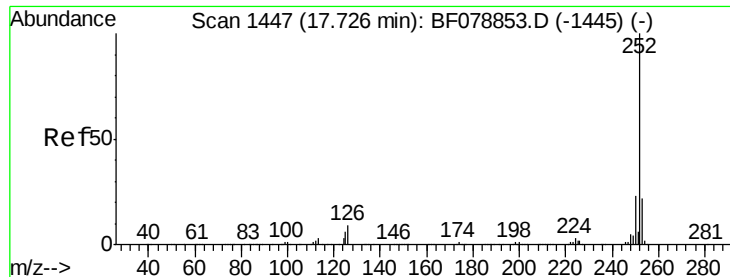
Tgt Ion: 264 Resp: 278816
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 42.97 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.07 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion: 252 Resp: 655799
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.4 9.4 14.2

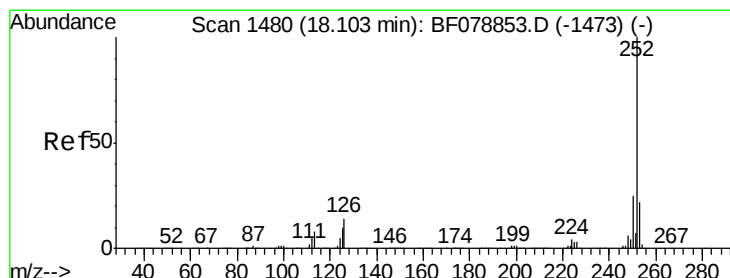
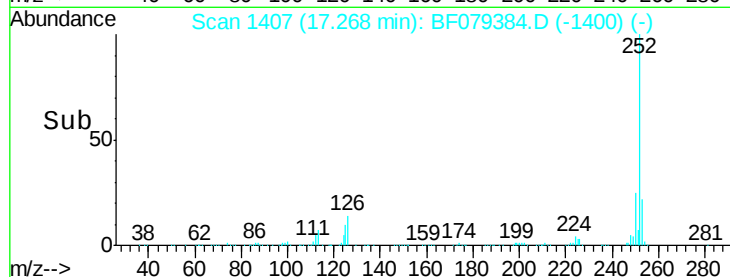
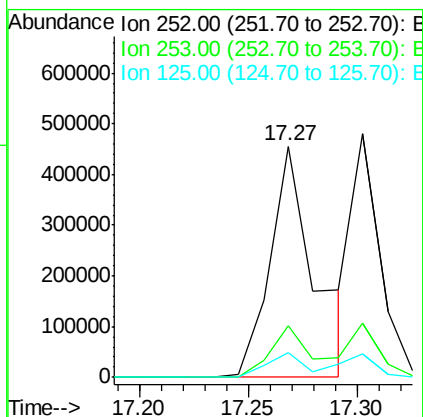
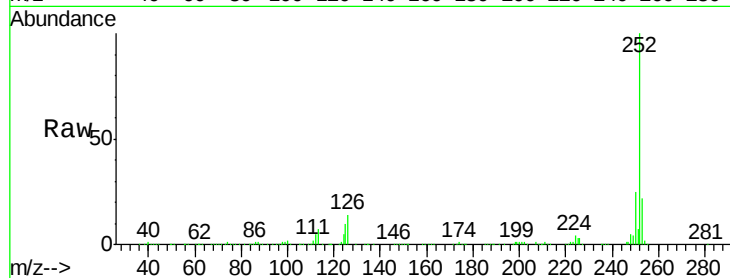




#88
Benzo(k)fluoranthene
Concen: 44.39 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.10 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

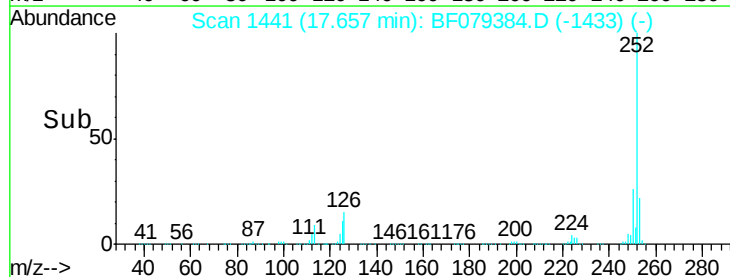
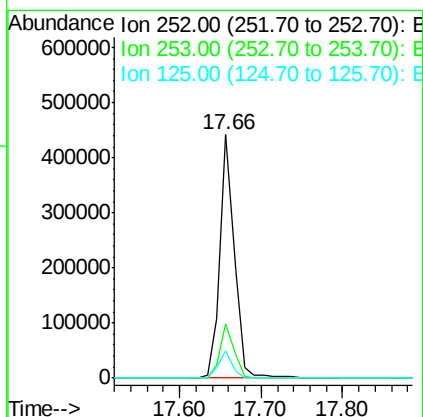
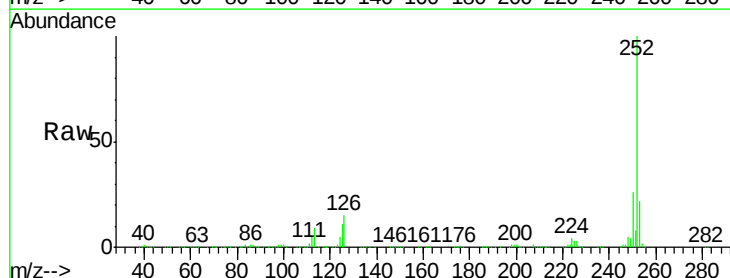
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MS

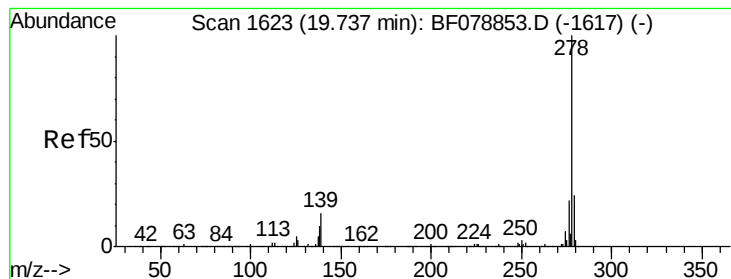
Tgt Ion: 252 Resp: 655799
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.4 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 38.51 ng
RT: 17.66 min Scan# 1441
Delta R.T. -0.09 min
Lab File: BF079384.D
Acq: 20 May 2015 18:03

Tgt Ion: 252 Resp: 541170
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.4 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 36.67 ng

RT: 19.11 min Scan# 1568

Delta R.T. -0.13 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MS

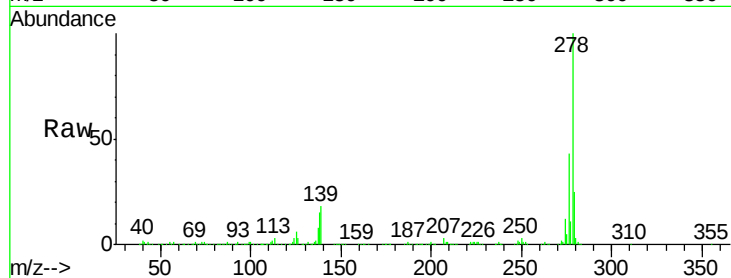
Tgt Ion: 278 Resp: 547659

Ion Ratio Lower Upper

278 100

139 18.3 13.1 19.7

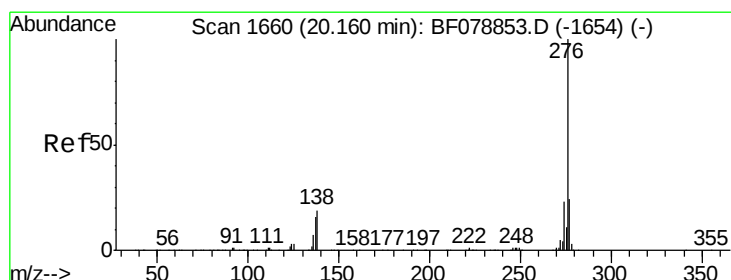
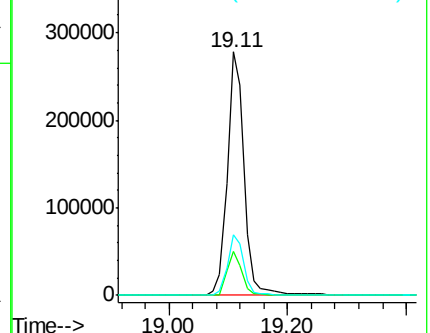
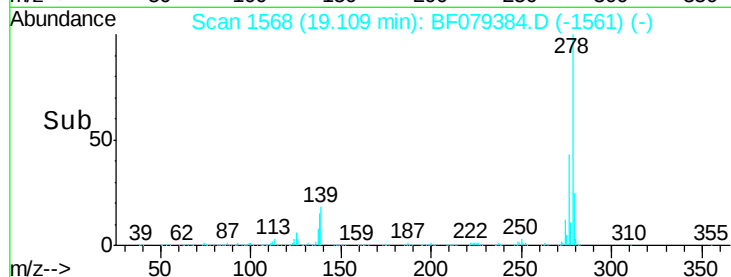
279 24.6 19.1 28.7



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: 37.55 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.13 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

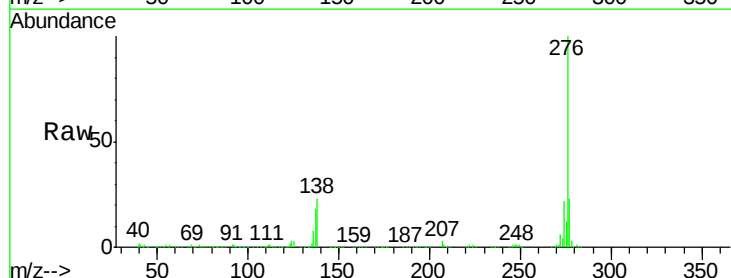
Tgt Ion: 276 Resp: 562054

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 22.9 15.2 22.8#



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

