

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079385.D
 Acq On : 20 May 2015 18:31
 Operator : TP/IZ
 Sample : G2305-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 21 01:14:54 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	73215	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	299791	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	145671	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	280550	20.00	ng	0.00
75) Chrysene-d12	15.95	240	283213	20.00	ng	-0.02
86) Perylene-d12	17.68	264	289249	20.00	ng	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	513003	120.61	ng	0.00
7) Phenol-d6	6.66	99	656365	116.75	ng	0.00
23) Nitrobenzene-d5	7.78	82	377308	72.33	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	195791	124.24	ng	0.00
44) 2-Fluorobiphenyl	10.01	172	701784	67.12	ng	0.00
78) Terphenyl-d14	14.66	244	830549	70.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.67	93	139609	17.59	ng	# 31
8) 2-Chlorophenol	6.82	128	195794	40.59	ng	85
9) Benzaldehyde	6.54	77	33776	8.92	ng	93
10) Phenol	6.68	94	241777	37.07	ng	90
11) bis(2-Chloroethyl)ether	6.79	93	180585	37.77	ng	98
12) 1,3-Dichlorobenzene	7.00	146	197646	36.45	ng	# 91
13) 1,4-Dichlorobenzene	7.11	146	207430	37.17	ng	99
14) 1,2-Dichlorobenzene	7.29	146	197581	38.03	ng	100
15) Benzyl Alcohol	7.28	79	156583	37.52	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.46	45	267970	36.63	ng	94
17) 2-Methylphenol	7.43	107	155271	40.00	ng	96
18) Hexachloroethane	7.70	117	67841	35.30	ng	# 83
19) n-Nitroso-di-n-propylamine	7.61	70	139931	36.85	ng	99
20) 3+4-Methylphenols	7.62	107	203062	39.26	ng	# 46
22) Acetophenone	7.60	105	267428	39.48	ng	# 90
24) Nitrobenzene	7.80	77	197568	38.21	ng	92
25) Isophorone	8.11	82	367949	38.05	ng	98
26) 2-Nitrophenol	8.20	139	94020	43.93	ng	95
27) 2,4-Dimethylphenol	8.27	122	175380	40.95	ng	97
28) bis(2-Chloroethoxy)methane	8.39	93	225158	37.77	ng	99
29) 2,4-Dichlorophenol	8.50	162	163753	43.00	ng	92
30) 1,2,4-Trichlorobenzene	8.60	180	158366	37.86	ng	95
31) Naphthalene	8.70	128	544907	38.15	ng	98
32) Benzoic acid	8.38	122	38362	18.73	ng	99
33) 4-Chloroaniline	8.78	127	117884	19.50	ng	# 88
34) Hexachlorobutadiene	8.84	225	88659	36.80	ng	98
35) Caprolactam	9.20	113	47622	38.67	ng	89
36) 4-Chloro-3-methylphenol	9.38	107	164472	41.12	ng	85
37) 2-Methylnaphthalene	9.55	142	388034	39.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	156557	38.16	ng	98
40) Hexachlorocyclopentadiene	9.74	237	112895	54.72	ng	95
42) 2,4,6-Trichlorophenol	9.91	196	106894	37.90	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	113963	39.97	ng	# 93
45) 1,1'-Biphenyl	10.14	154	460460	39.76	ng	99

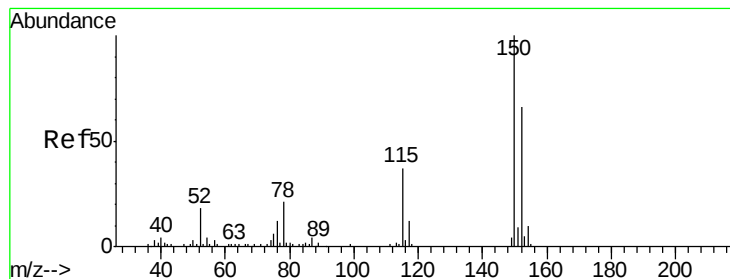
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.15	162	338408	37.46	ng	97
47) 2-Nitroaniline	10.28	65	102077	39.00	ng	# 79
48) Acenaphthylene	10.66	152	581381	39.20	ng	98
49) Dimethylphthalate	10.52	163	470126	43.97	ng	99
50) 2,6-Dinitrotoluene	10.59	165	83418	39.54	ng	# 45
51) Acenaphthene	10.88	154	325755	36.83	ng	100
52) 3-Nitroaniline	10.80	138	77000	29.22	ng	82
53) 2,4-Dinitrophenol	10.94	184	40558	56.79	ng	# 79
54) Dibenzofuran	11.08	168	486662	38.09	ng	96
55) 4-Nitrophenol	11.03	139	148611	71.24	ng	# 70
56) 2,4-Dinitrotoluene	11.10	165	119011	42.67	ng	96
57) Fluorene	11.52	166	398122	37.97	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.24	232	87314	37.47	ng	97
59) Diethylphthalate	11.40	149	407752	38.50	ng	96
60) 4-Chlorophenyl-phenylether	11.53	204	175616	37.75	ng	# 86
61) 4-Nitroaniline	11.55	138	103547	39.27	ng	88
62) Azobenzene	11.73	77	390342	37.40	ng	88
64) 4,6-Dinitro-2-methylphenol	11.60	198	42957	39.58	ng	79
65) n-Nitrosodiphenylamine	11.68	169	347098	37.15	ng	100
66) 4-Bromophenyl-phenylether	12.13	248	108300	37.03	ng	95
67) Hexachlorobenzene	12.18	284	123721	37.02	ng	96
68) Atrazine	12.35	200	111852	41.17	ng	96
69) Pentachlorophenol	12.45	266	114994	60.62	ng	98
70) Phenanthrene	12.70	178	565439	36.03	ng	99
71) Anthracene	12.77	178	591037	38.39	ng	100
72) Carbazole	12.97	167	556622	37.93	ng	99
73) Di-n-butylphthalate	13.43	149	663253	37.68	ng	98
74) Fluoranthene	14.17	202	617728	37.77	ng	99
76) Benzidine	14.35	184	215258	28.20	ng	97
77) Pyrene	14.46	202	654227	40.09	ng	98
79) Butylbenzylphthalate	15.29	149	293406	41.13	ng	90
80) Benzo(a)anthracene	15.94	228	603319	38.90	ng	100
81) 3,3'-Dichlorobenzidine	15.92	252	164235	29.73	ng	# 97
82) Chrysene	15.99	228	576338	38.64	ng	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	437464	40.49	ng	99
84) Di-n-octyl phthalate	16.80	149	737081	38.73	ng	97
85) Indeno(1,2,3-cd)pyrene	19.03	276	693053	36.47	ng	99
87) Benzo(b)fluoranthene	17.23	252	683154	43.15	ng	99
88) Benzo(k)fluoranthene	17.23	252	683154	44.57	ng	# 96
89) Benzo(a)pyrene	17.61	252	581077	39.86	ng	# 97
90) Dibenzo(a,h)anthracene	19.05	278	604222	39.00	ng	97
91) Benzo(g,h,i)perylene	19.43	276	599853	38.63	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

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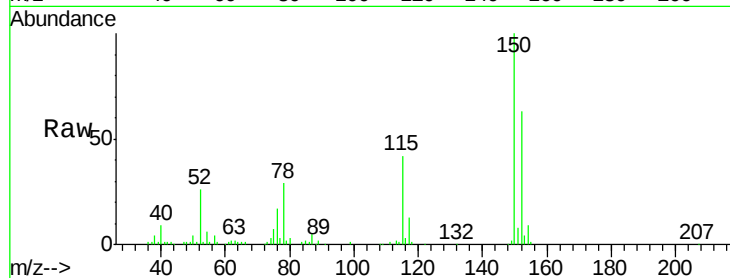
Tgt Ion:152 Resp: 73215

Ion Ratio Lower Upper

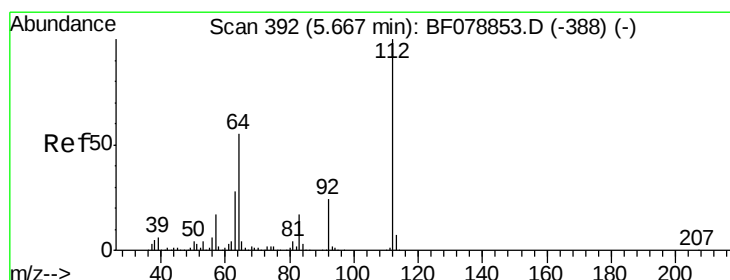
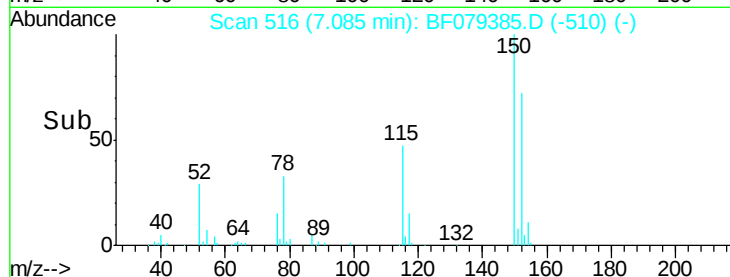
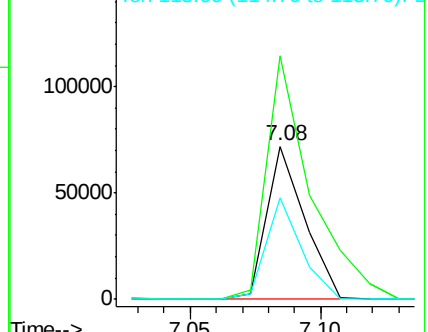
152 100

150 159.1 123.8 185.8

115 66.2 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: 120.61 ng

RT: 5.37 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

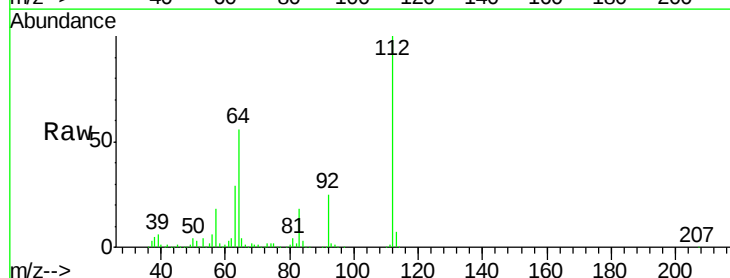
Tgt Ion:112 Resp: 513003

Ion Ratio Lower Upper

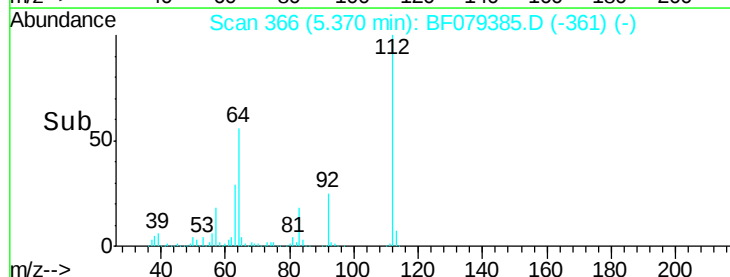
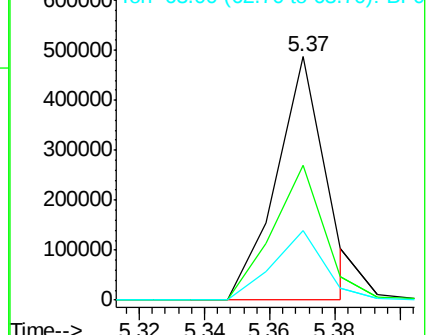
112 100

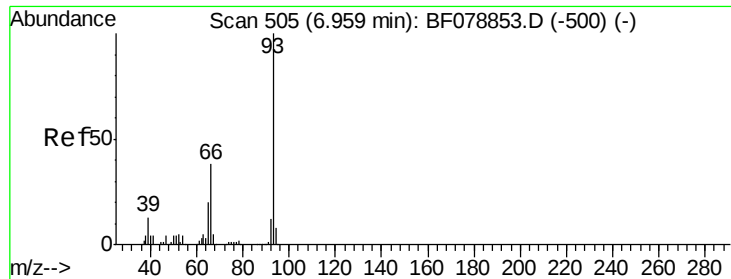
64 55.6 44.2 66.2

63 28.6 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: 17.59 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

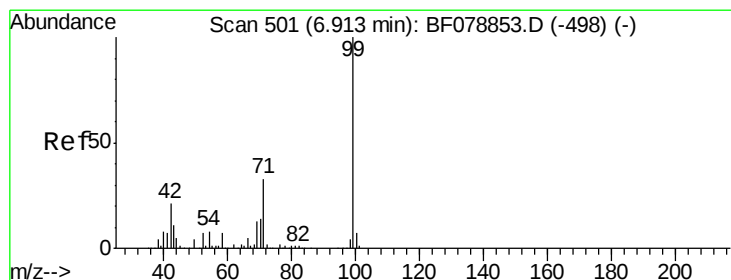
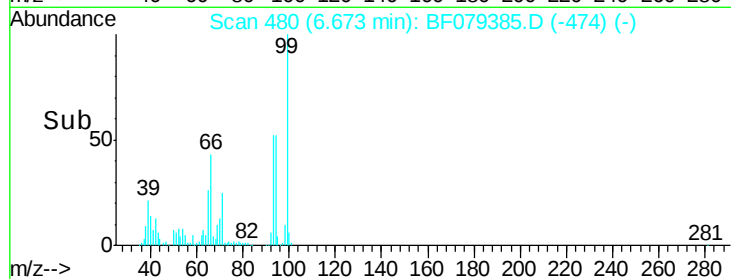
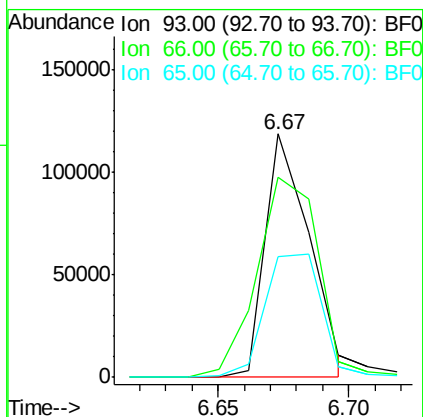
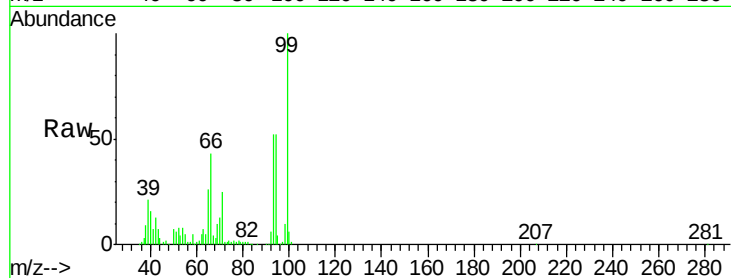
Tgt Ion: 93 Resp: 139609

Ion Ratio Lower Upper

93 100

66 82.0 30.7 46.1#

65 49.5 15.8 23.8#



#7

Phenol-d6

Concen: 116.75 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

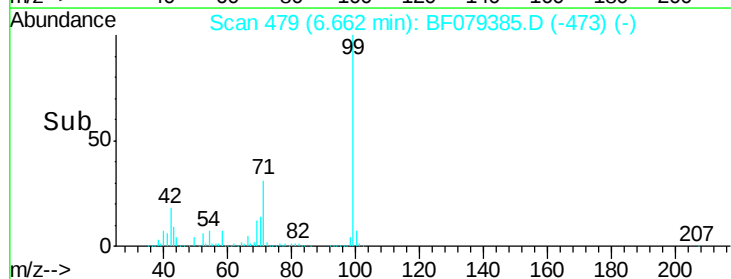
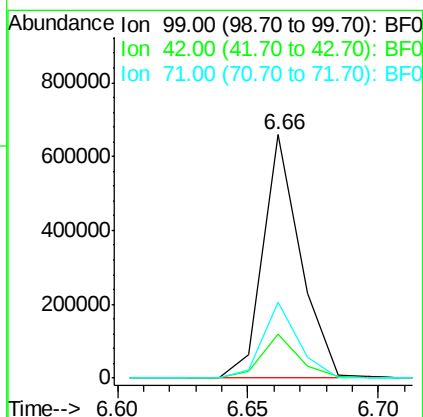
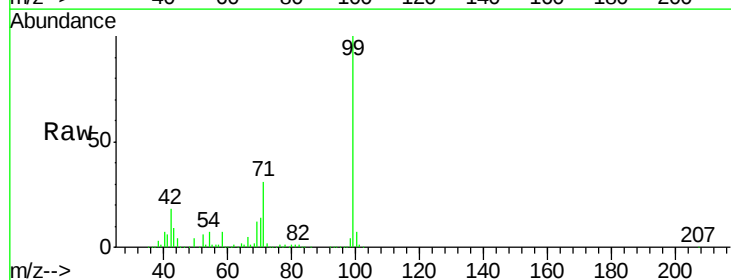
Tgt Ion: 99 Resp: 656365

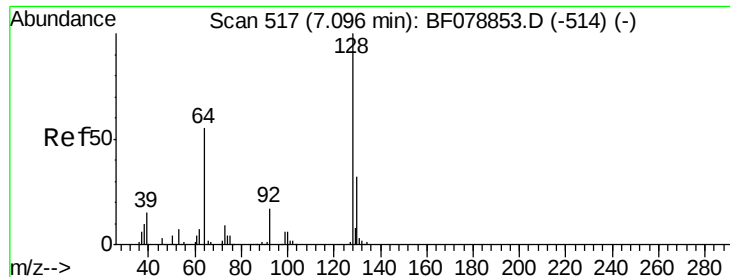
Ion Ratio Lower Upper

99 100

42 18.2 17.1 25.7

71 31.2 26.3 39.5





#8

2-Chlorophenol

Concen: 40.59 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

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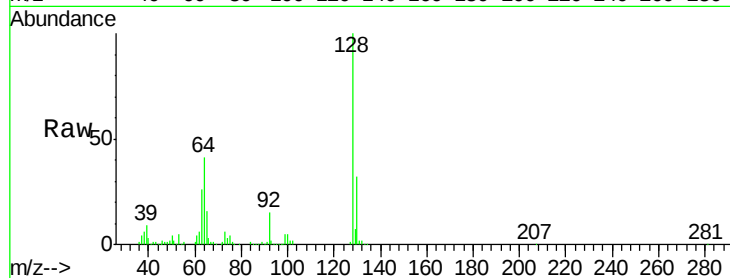
Tgt Ion:128 Resp: 195794

Ion Ratio Lower Upper

128 100

130 31.7 12.4 52.4

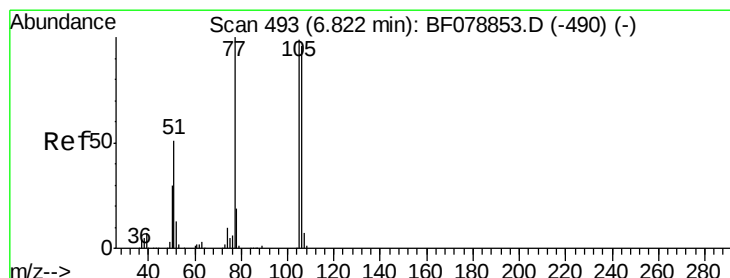
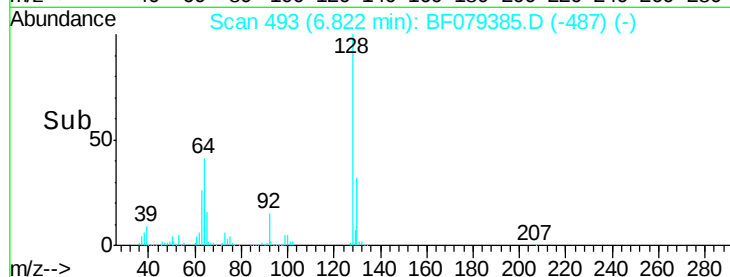
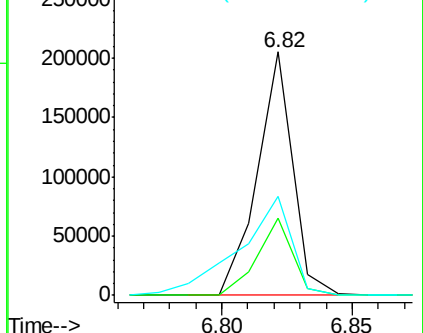
64 40.6 37.8 77.8



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



#9

Benzaldehyde

Concen: 8.92 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

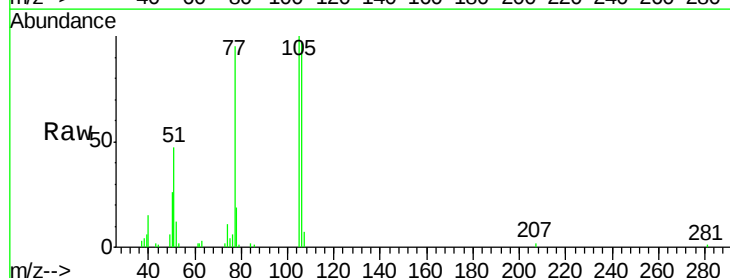
Tgt Ion: 77 Resp: 33776

Ion Ratio Lower Upper

77 100

105 105.7 78.9 118.9

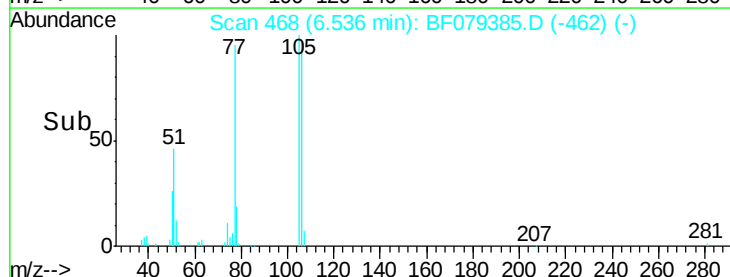
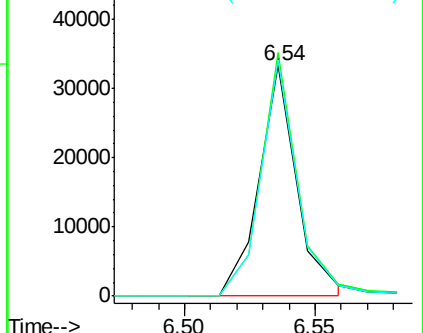
106 102.2 75.8 115.8

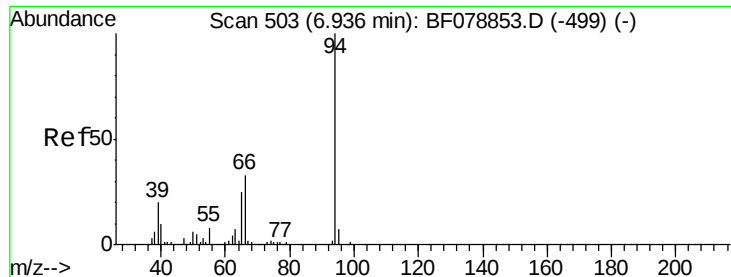


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

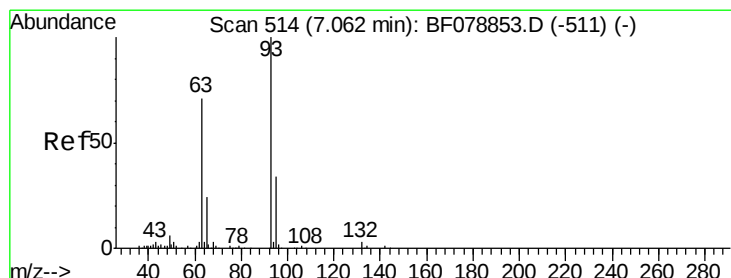
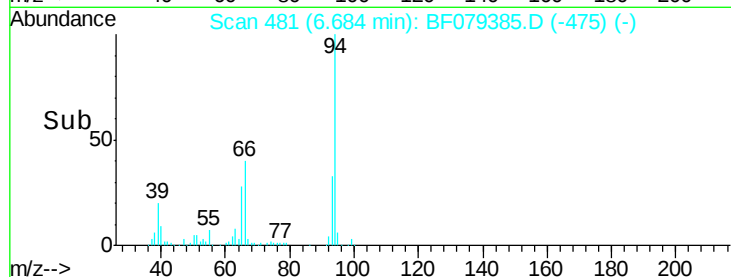
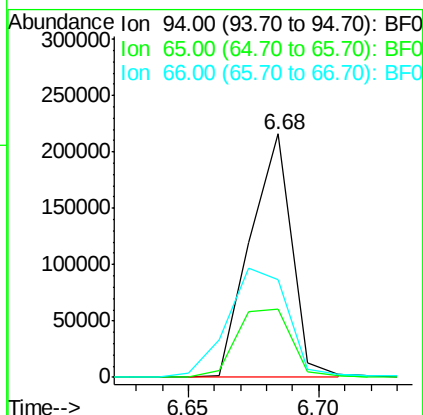
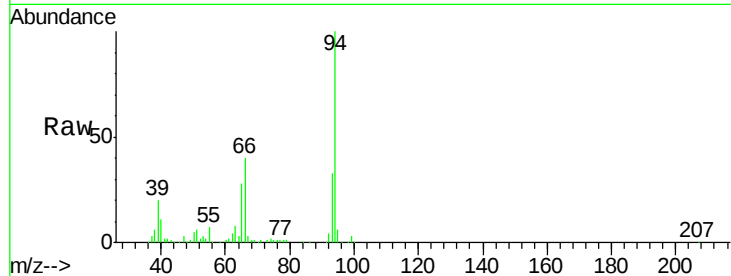




#10
Phenol
Concen: 37.07 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

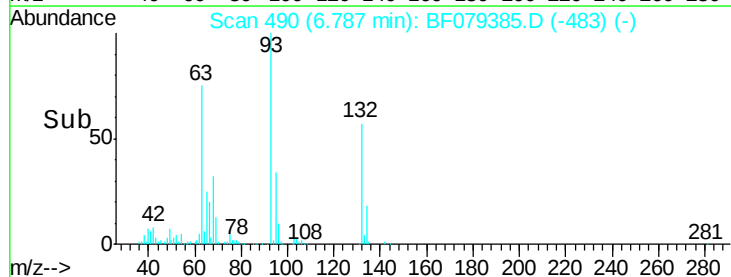
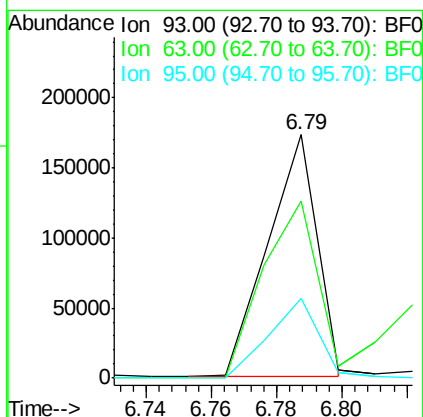
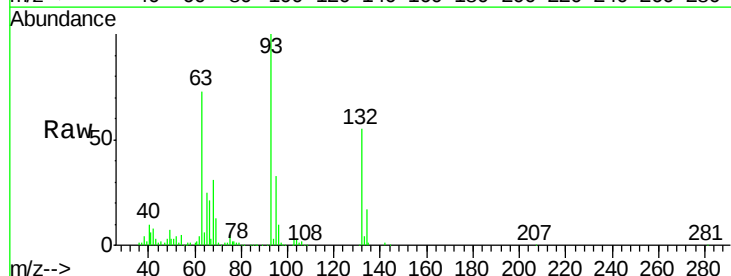
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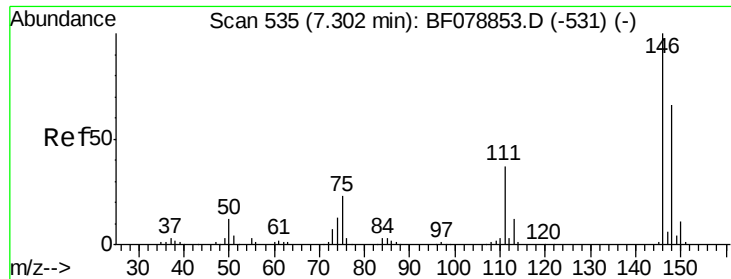
Tgt Ion: 94 Resp: 241777
Ion Ratio Lower Upper
94 100
65 27.9 5.1 45.1
66 40.3 13.1 53.1



#11
bis(2-Chloroethyl)ether
Concen: 37.77 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion: 93 Resp: 180585
Ion Ratio Lower Upper
93 100
63 72.7 50.8 90.8
95 32.9 13.9 53.9

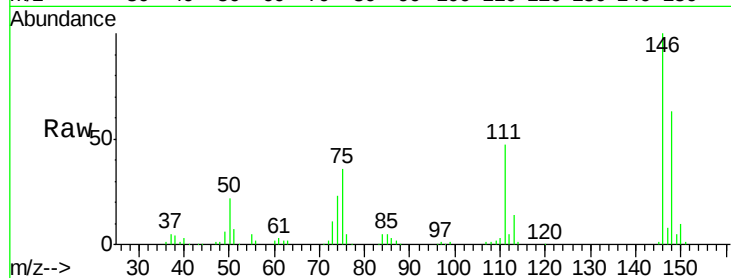




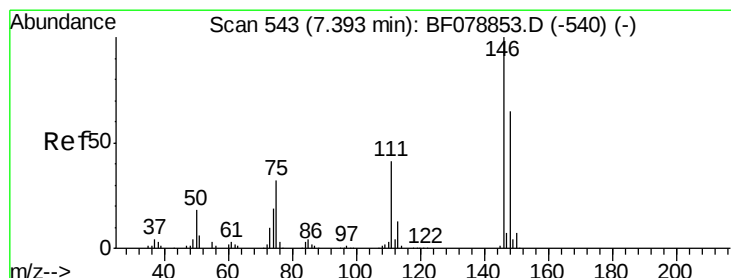
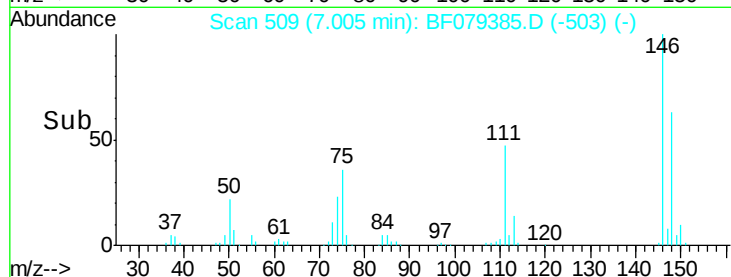
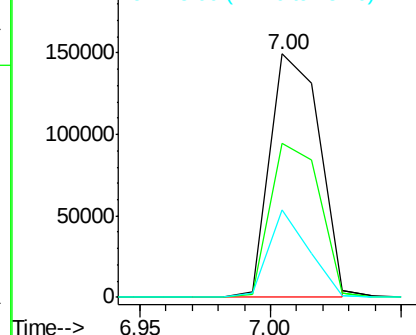
#12
 1,3-Dichlorobenzene
 Concen: 36.45 ng
 RT: 7.00 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

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

Tgt Ion:146 Resp: 197646
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 75 35.8 18.6 27.8#

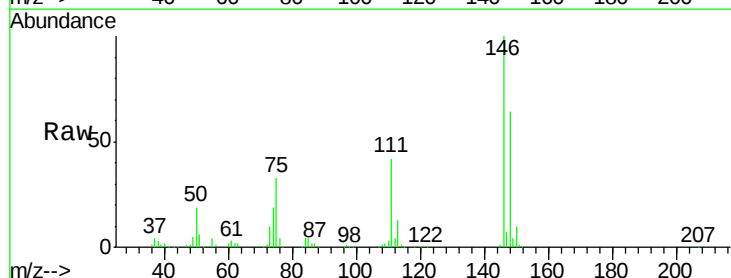


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

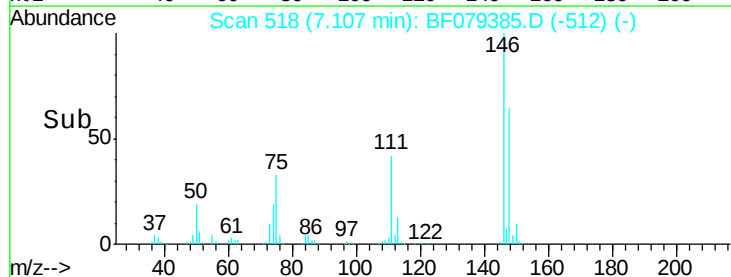
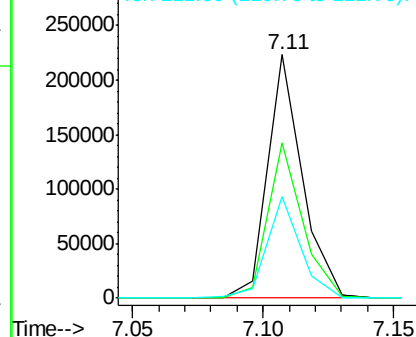


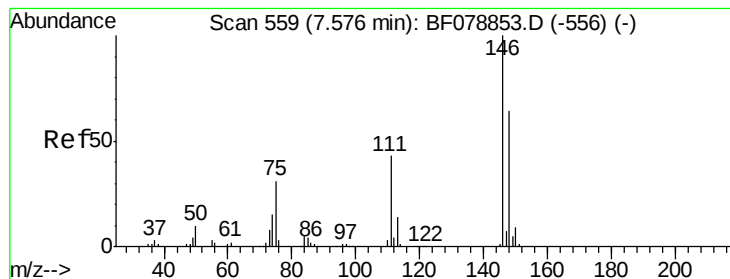
#13
 1,4-Dichlorobenzene
 Concen: 37.17 ng
 RT: 7.11 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:146 Resp: 207430
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.7 77.5
 111 41.8 32.8 49.2



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





#14

1,2-Dichlorobenzene

Concen: 38.03 ng

RT: 7.29 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

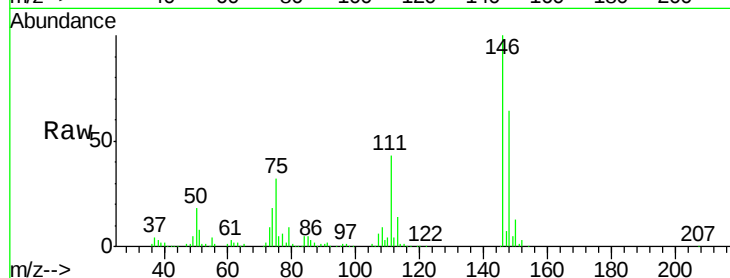
Tgt Ion:146 Resp: 197581

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

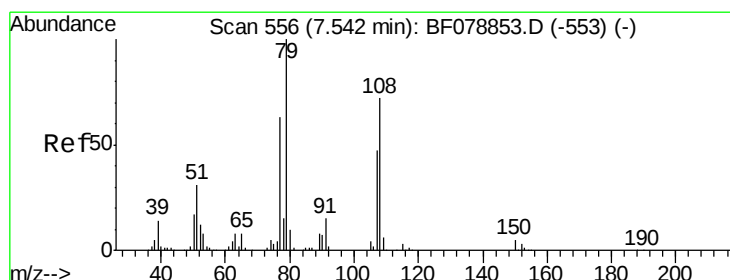
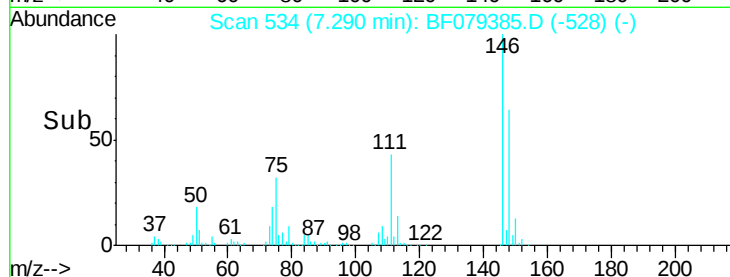
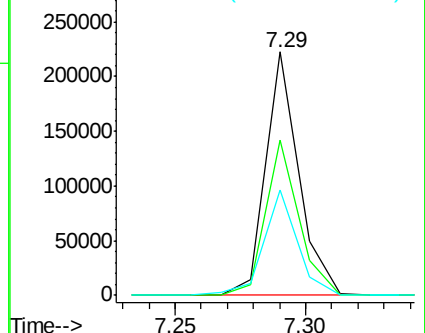
111 43.5 34.6 52.0



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: 37.52 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

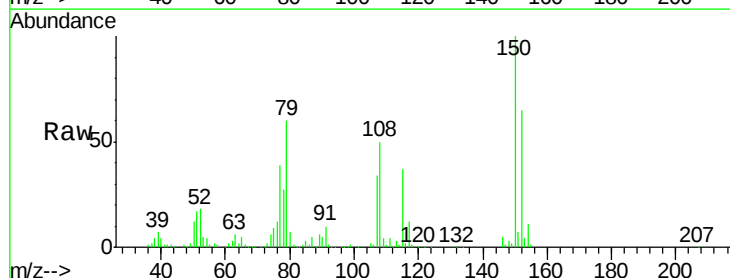
Tgt Ion: 79 Resp: 156583

Ion Ratio Lower Upper

79 100

108 82.6 57.4 86.2

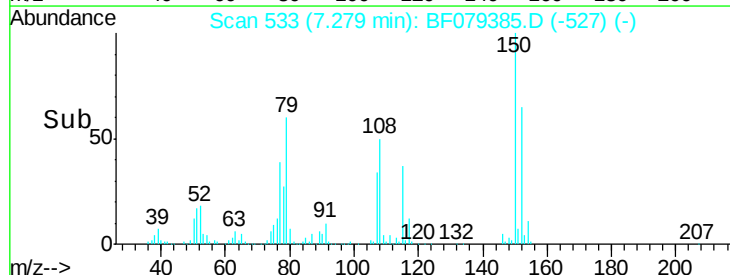
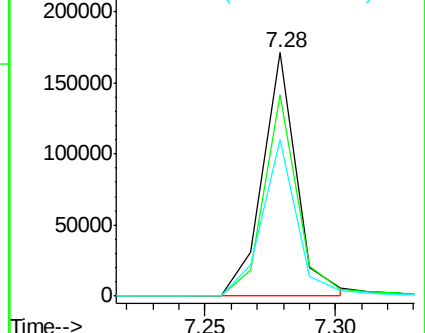
77 64.2 50.2 75.4

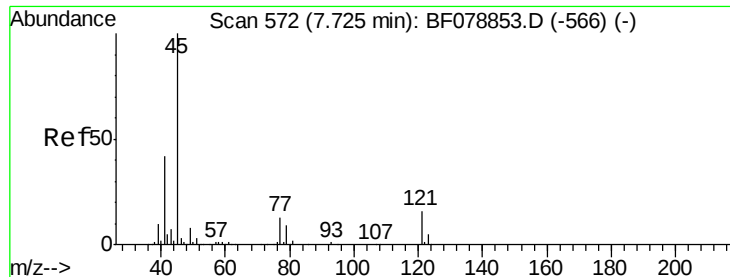


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

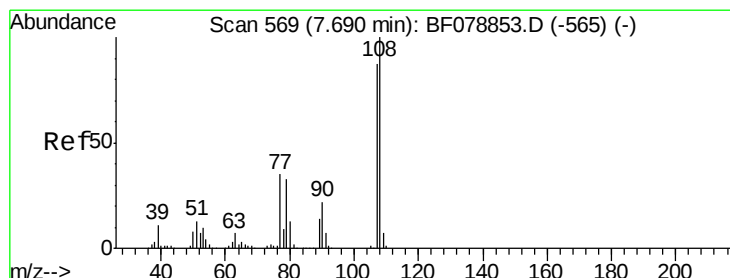
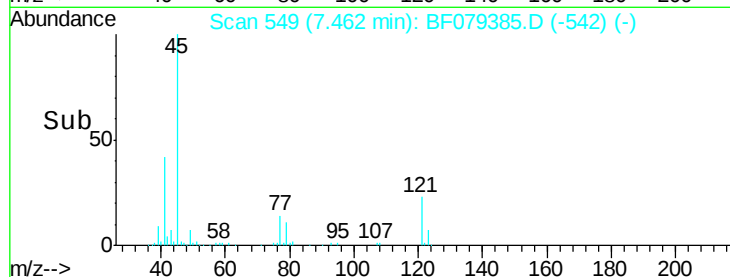
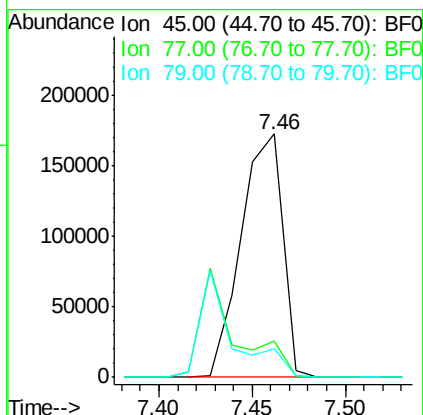
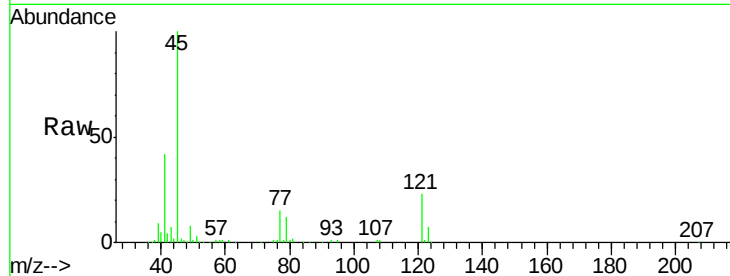




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 36.63 ng
 RT: 7.46 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

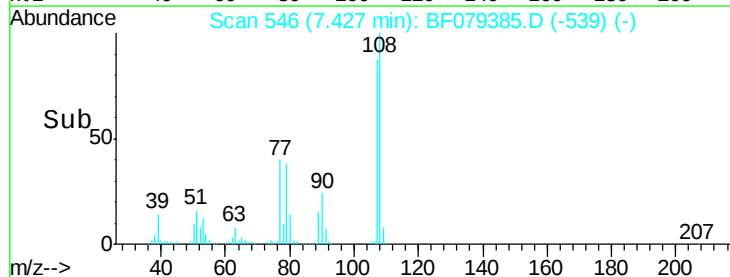
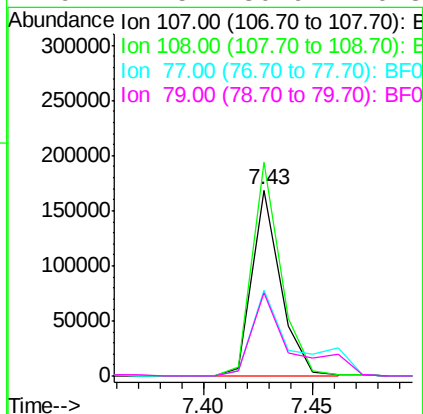
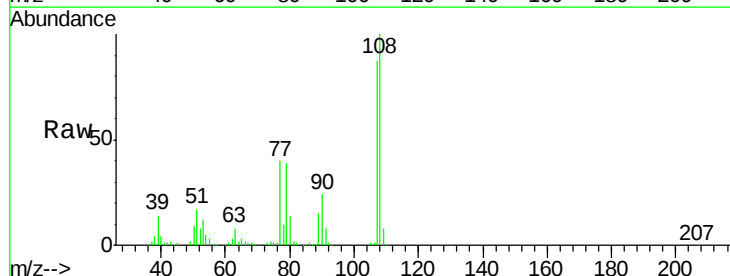
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

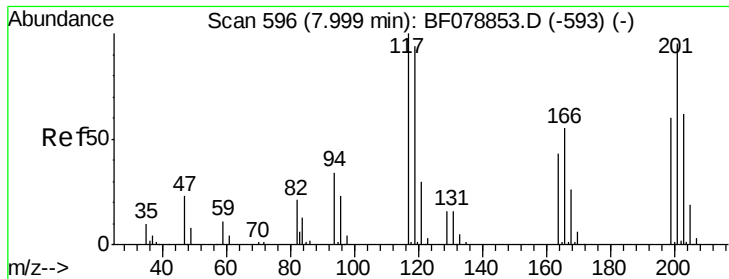
Tgt Ion: 45 Resp: 267970
 Ion Ratio Lower Upper
 45 100
 77 14.8 0.0 32.6
 79 11.7 0.0 29.3



#17
 2-Methylphenol
 Concen: 40.00 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion: 107 Resp: 155271
 Ion Ratio Lower Upper
 107 100
 108 114.8 92.4 138.6
 77 46.0 32.6 49.0
 79 44.5 30.9 46.3

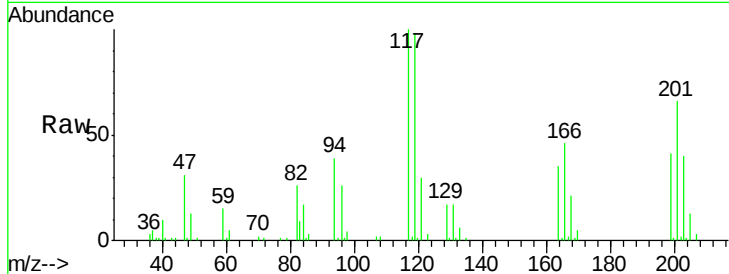




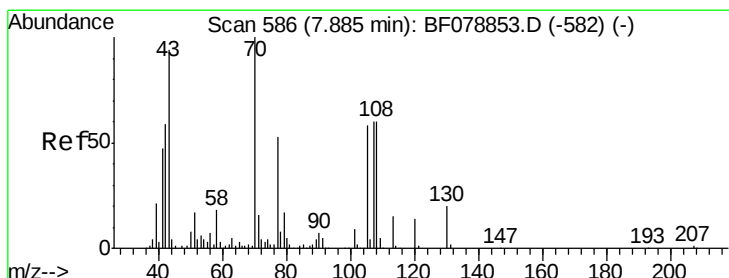
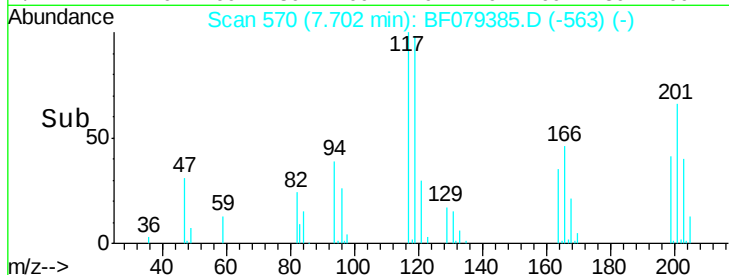
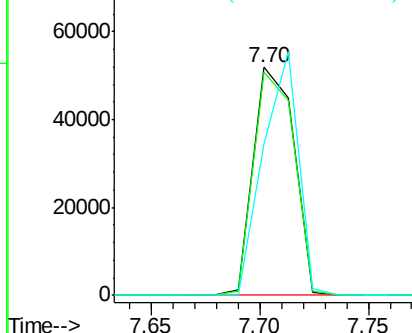
#18
Hexachloroethane
Concen: 35.30 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

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

Tgt Ion: 117 Resp: 67841
Ion Ratio Lower Upper
117 100
119 97.7 75.2 112.8
201 66.2 75.8 113.8#



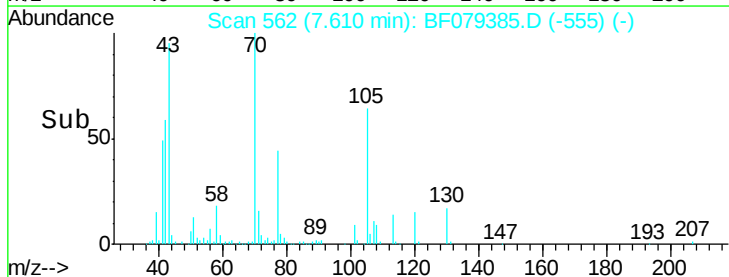
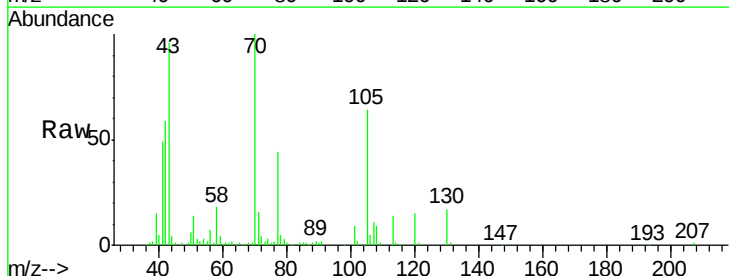
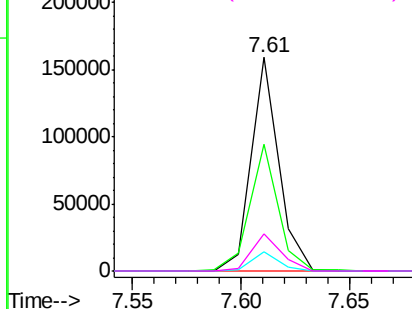
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

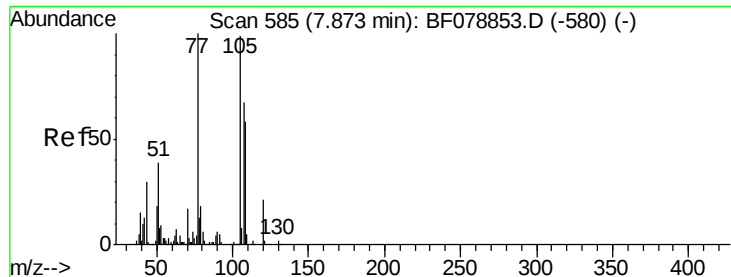


#19
n-Nitroso-di-n-propylamine
Concen: 36.85 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion: 70 Resp: 139931
Ion Ratio Lower Upper
70 100
42 59.2 47.3 70.9
101 8.8 7.5 11.3
130 17.4 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: 39.26 ng

RT: 7.62 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

Tgt Ion:107 Resp: 203062

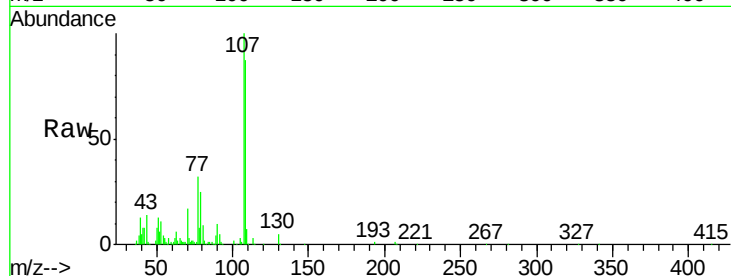
Ion Ratio Lower Upper

107 100

108 87.1 66.5 106.5

77 32.1 130.6 170.6#

79 25.3 6.4 46.4

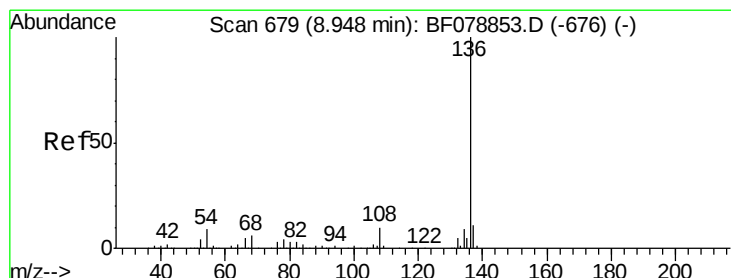
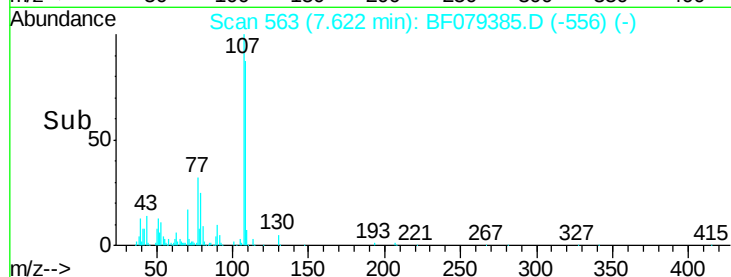
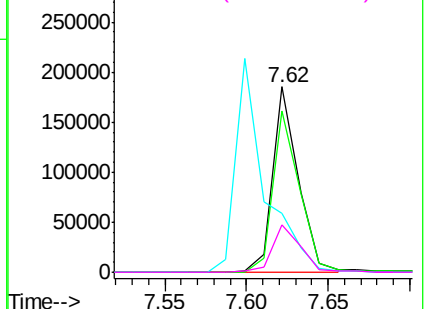


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF079385.D

Acq: 20 May 2015 18:31

Tgt Ion:136 Resp: 299791

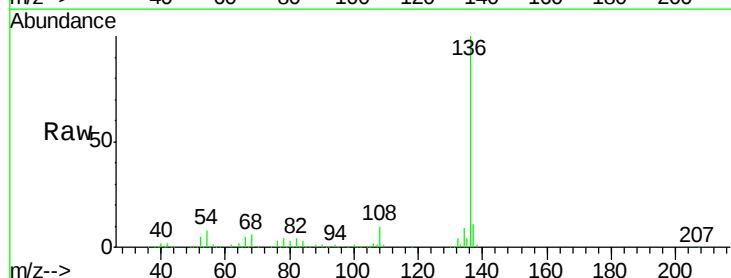
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 6.9 10.3

68 6.3 4.9 7.3

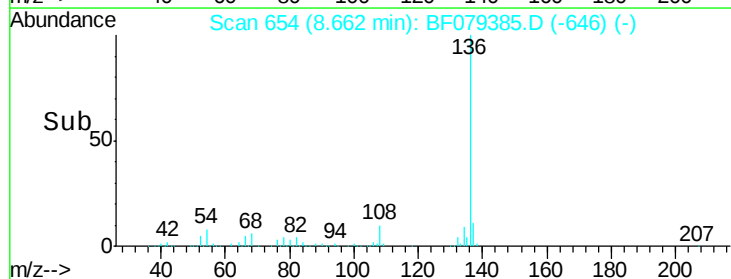
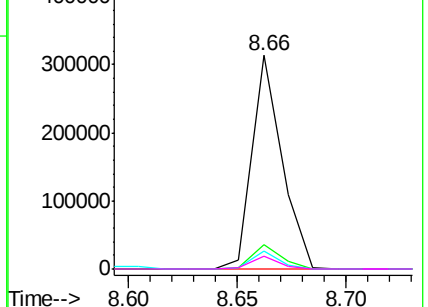


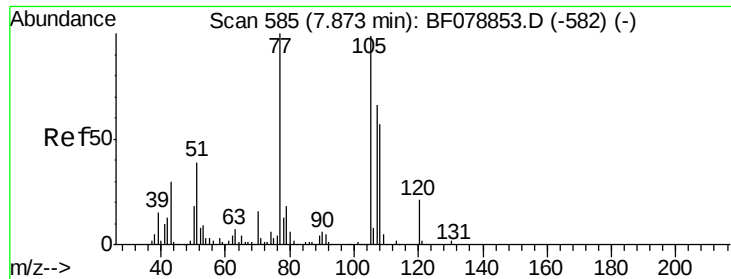
Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.48 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079385.D

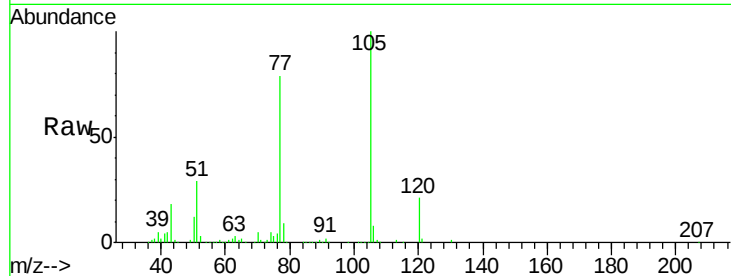
Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD



Tgt Ion: 105 Resp: 267428

Ion Ratio Lower Upper

105 100

71 0.9 2.2 3.4#

51 29.0 31.1 46.7#

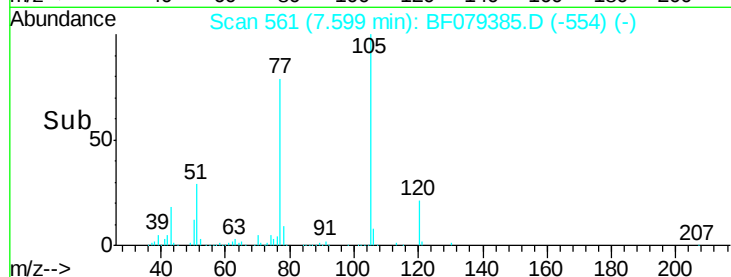
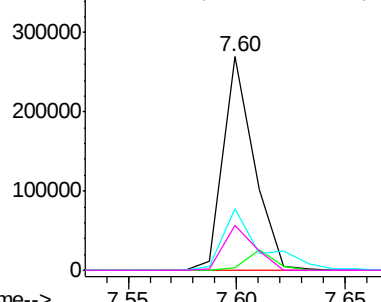
120 21.1 16.7 25.1

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: 72.33 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Tgt Ion: 82 Resp: 377308

Ion Ratio Lower Upper

82 100

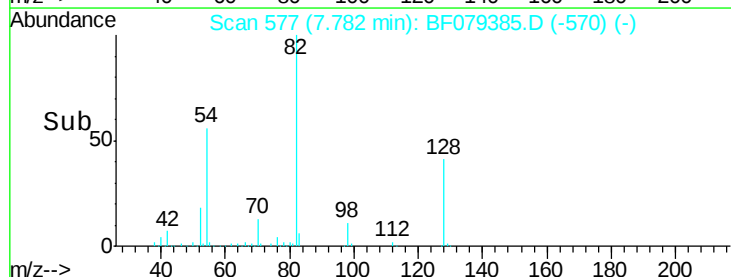
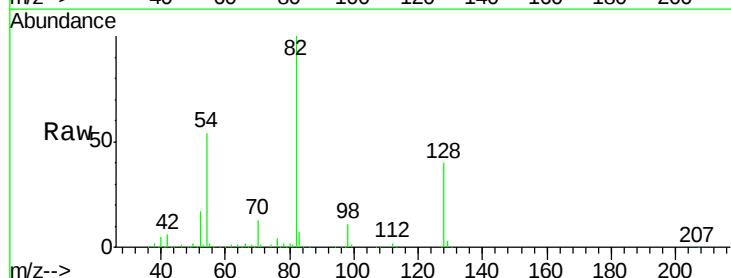
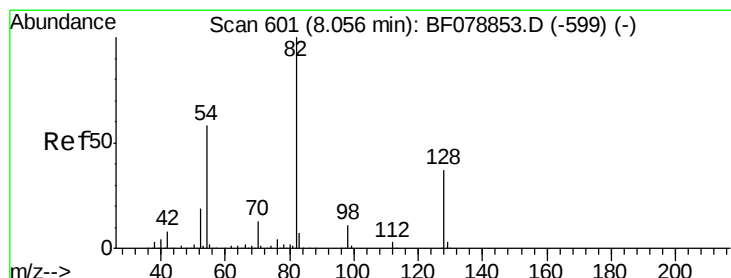
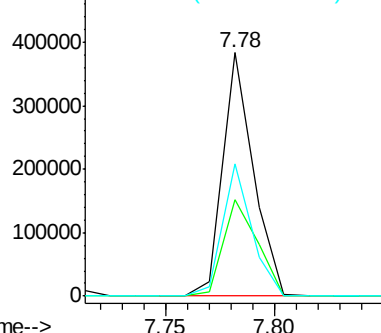
128 39.5 29.7 44.5

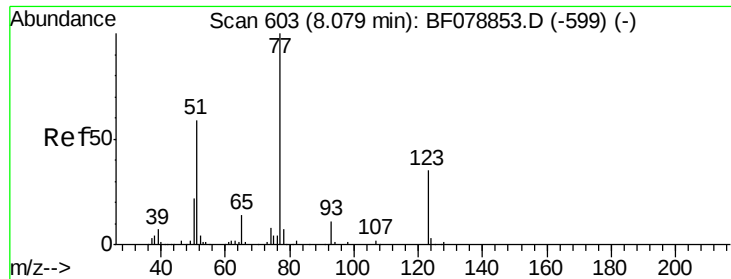
54 54.3 46.2 69.4

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

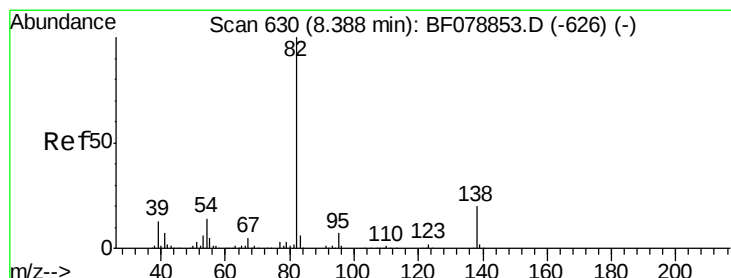
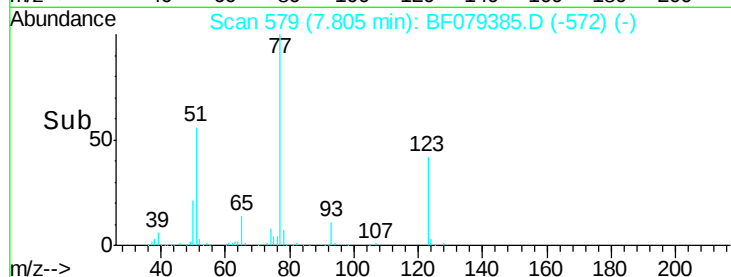
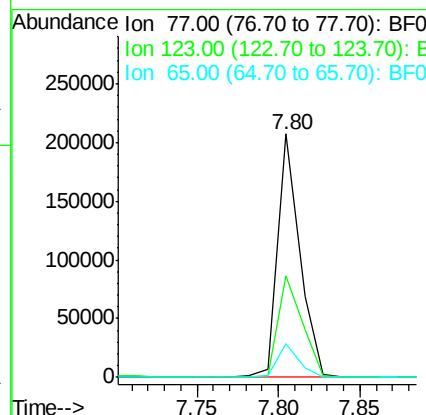
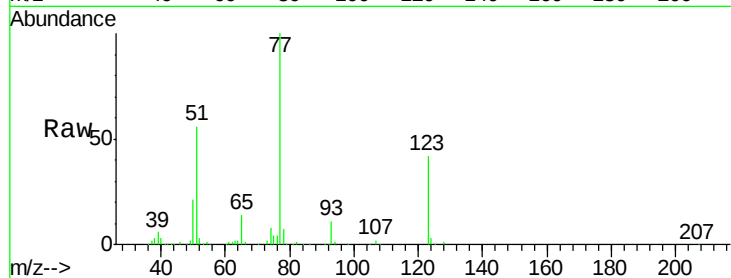




#24
 Nitrobenzene
 Concen: 38.21 ng
 RT: 7.80 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

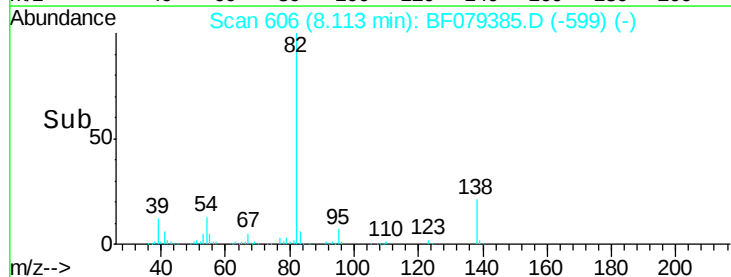
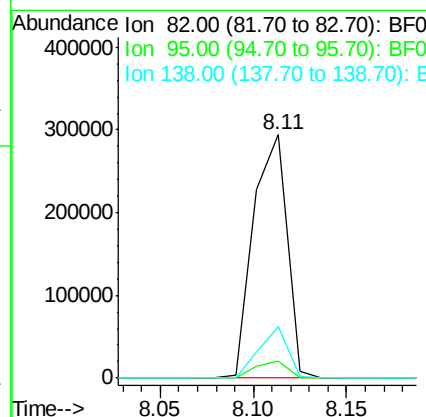
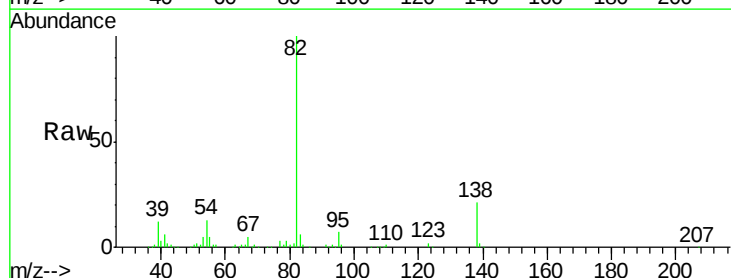
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

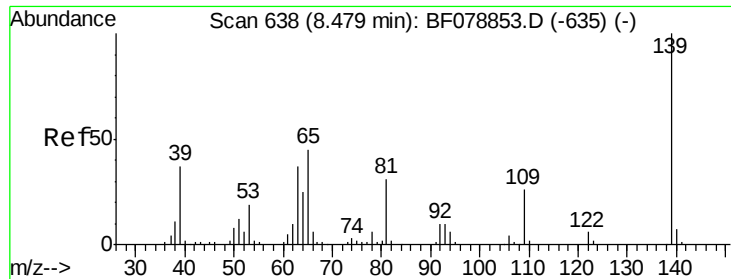
Tgt Ion: 77 Resp: 197568
 Ion Ratio Lower Upper
 77 100
 123 41.7 28.3 42.5
 65 13.7 11.0 16.4



#25
 Isophorone
 Concen: 38.05 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion: 82 Resp: 367949
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.4 8.2
 138 21.2 16.1 24.1

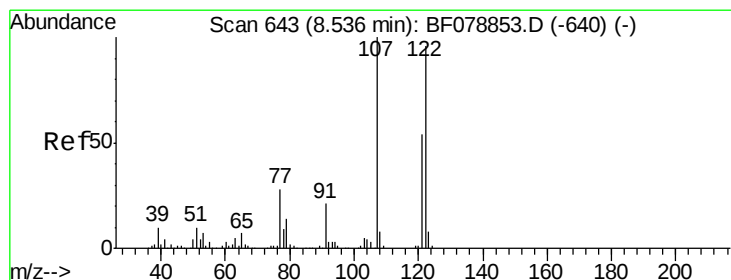
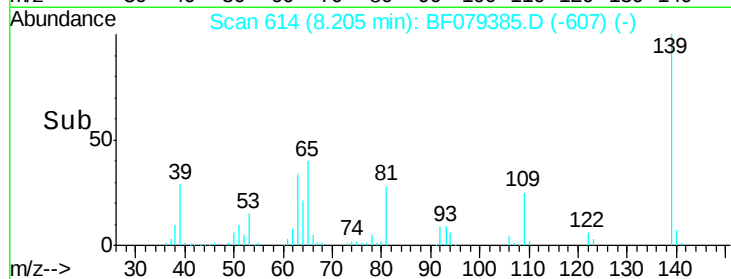
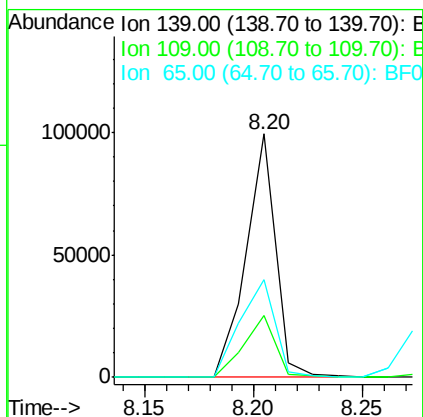
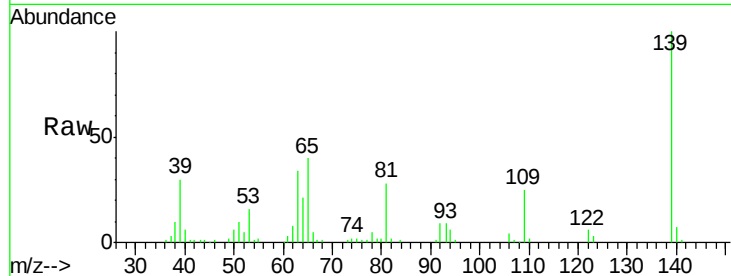




#26
2-Nitrophenol
Concen: 43.93 ng
RT: 8.20 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

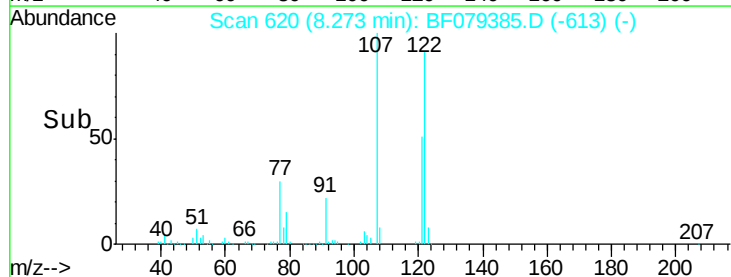
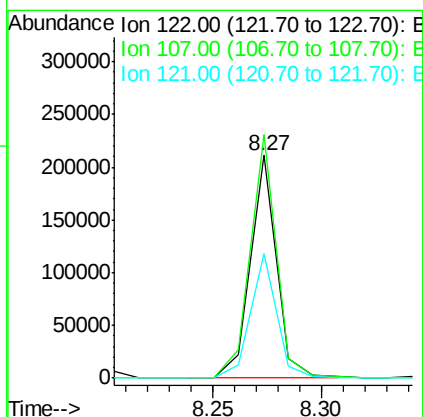
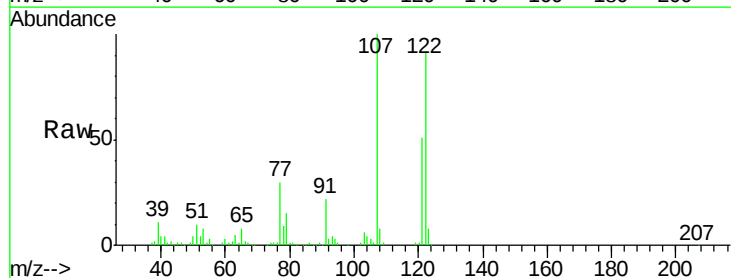
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MSD

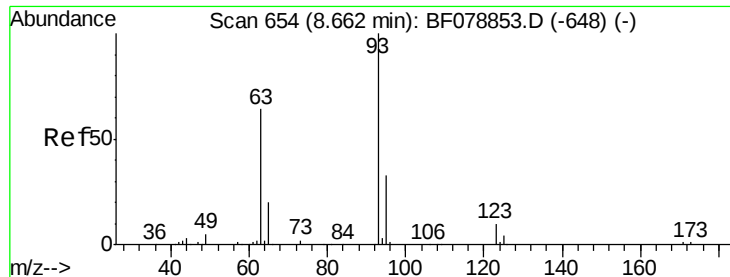
Tgt Ion:139 Resp: 94020
Ion Ratio Lower Upper
139 100
109 25.2 20.9 31.3
65 40.4 35.8 53.8



#27
2,4-Dimethylphenol
Concen: 40.95 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion:122 Resp: 175380
Ion Ratio Lower Upper
122 100
107 109.4 83.6 125.4
121 55.7 44.9 67.3

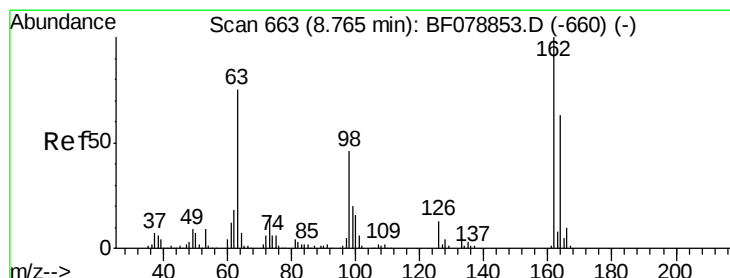
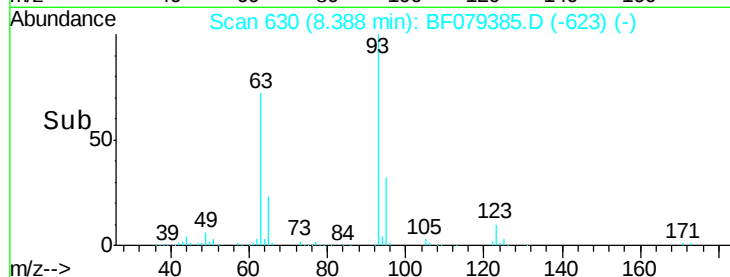
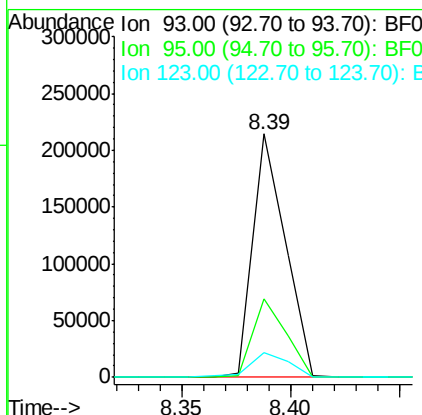
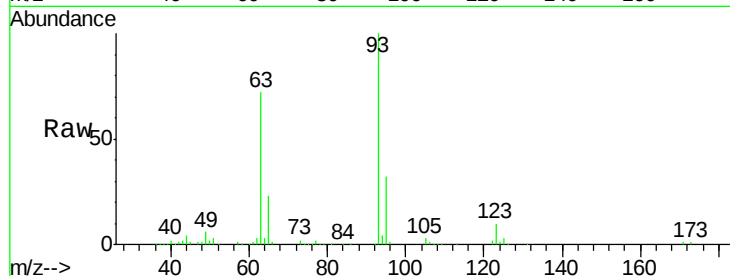




#28
 bis(2-Chloroethoxy)methane
 Concen: 37.77 ng
 RT: 8.39 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

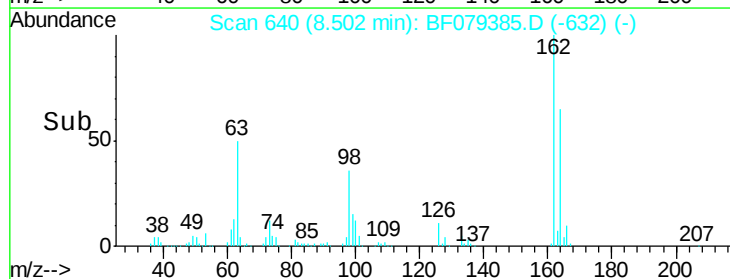
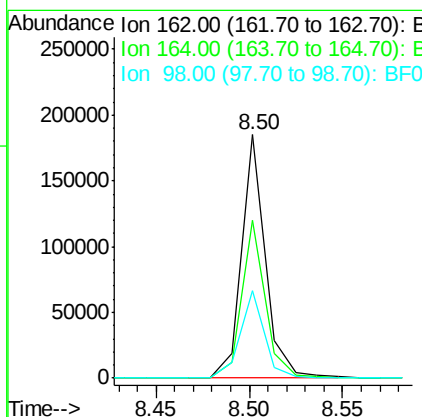
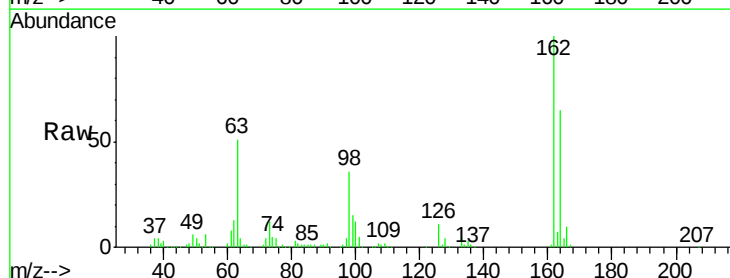
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

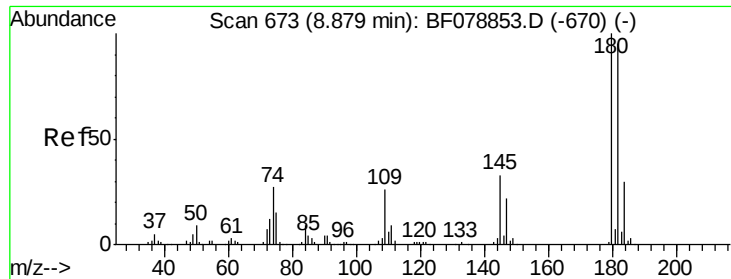
Tgt Ion:	93	Resp:	225158
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	9.9	8.6	12.8



#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 8.50 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:	162	Resp:	163753
Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	36.1	26.3	66.3

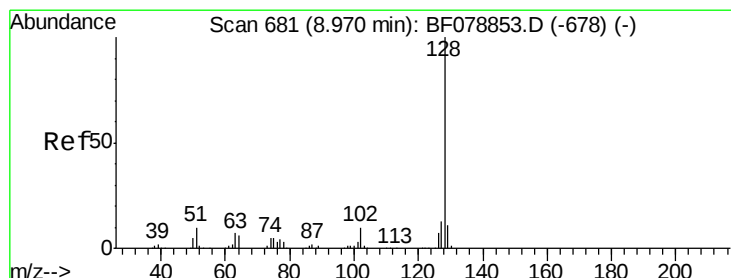
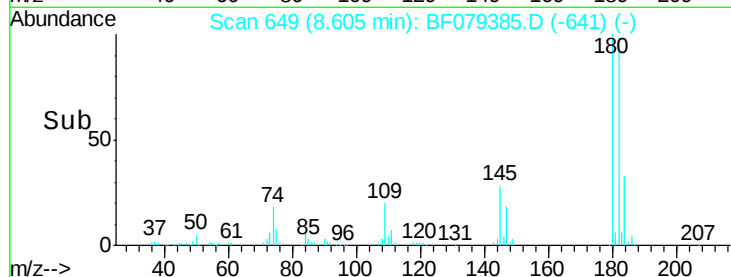
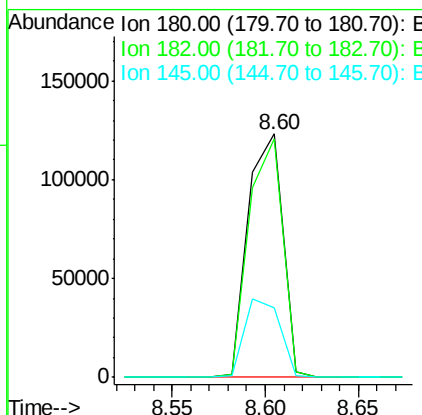
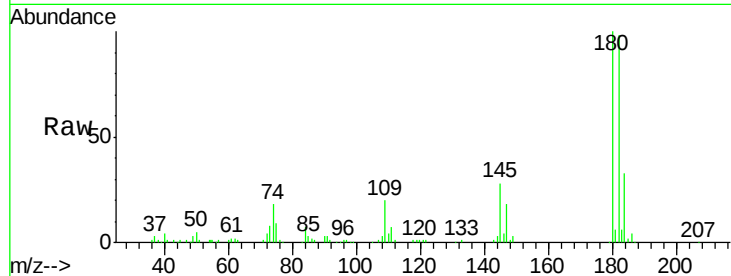




#30
 1,2,4-Trichlorobenzene
 Concen: 37.86 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

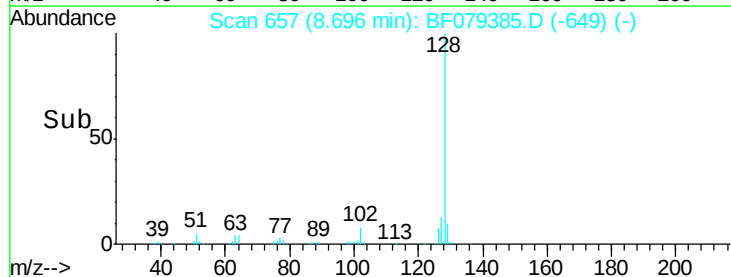
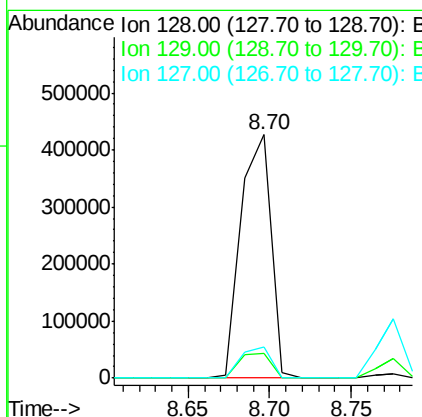
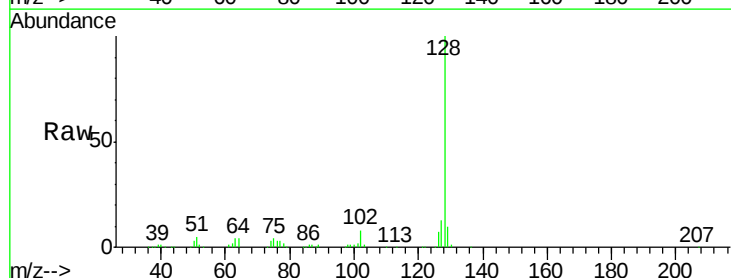
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

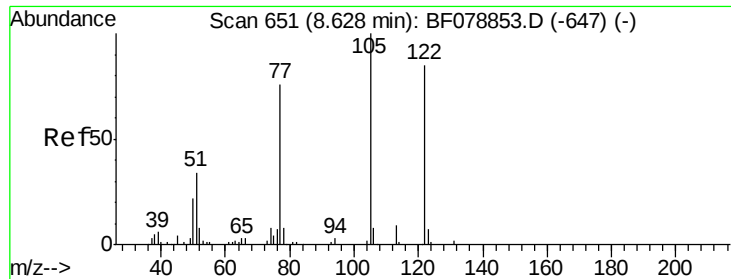
Tgt Ion:180 Resp: 158366
 Ion Ratio Lower Upper
 180 100
 182 98.1 75.7 113.5
 145 28.3 26.2 39.4



#31
 Naphthalene
 Concen: 38.15 ng
 RT: 8.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:128 Resp: 544907
 Ion Ratio Lower Upper
 128 100
 129 10.3 9.2 13.8
 127 12.8 10.3 15.5

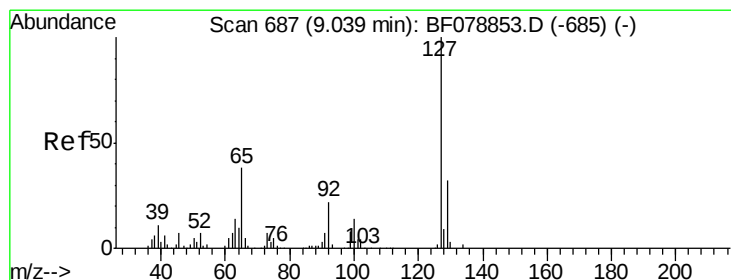
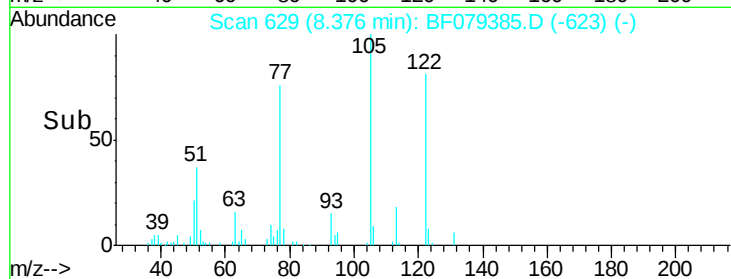
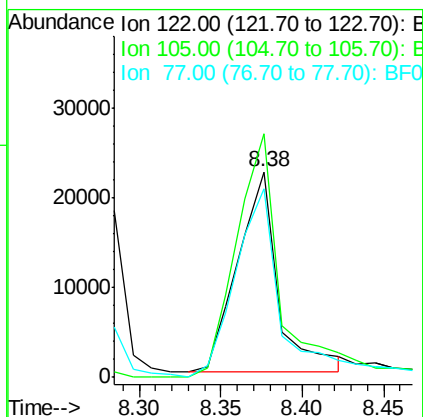
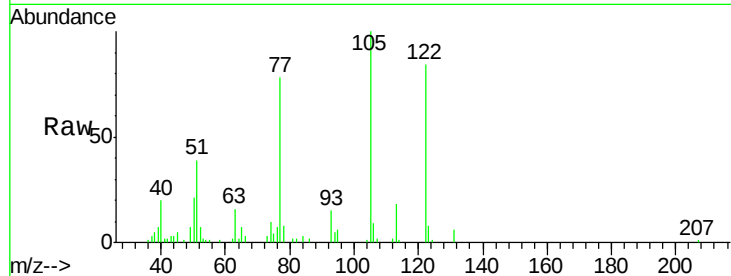




#32
Benzoic acid
Concen: 18.73 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

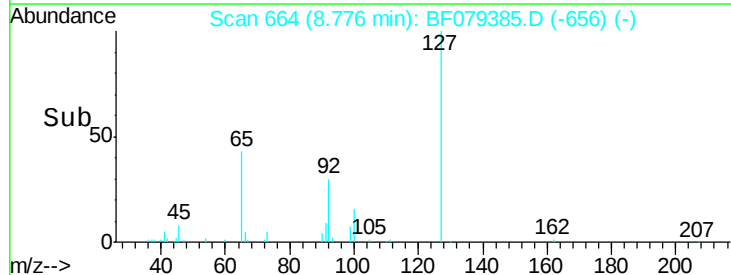
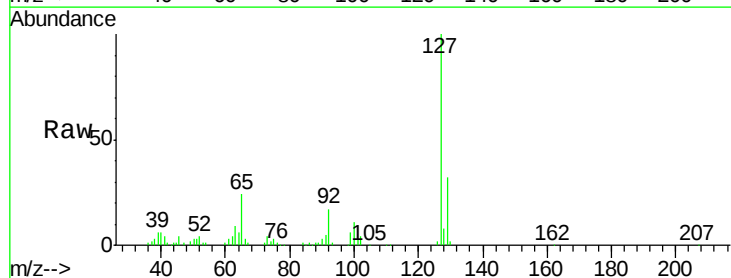
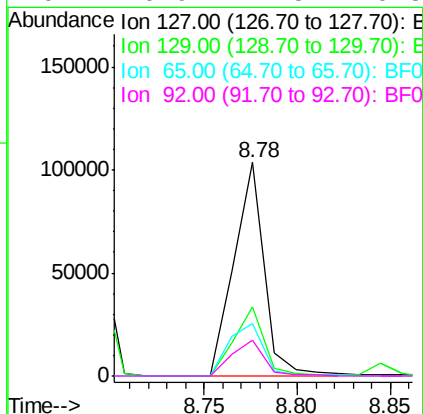
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MSD

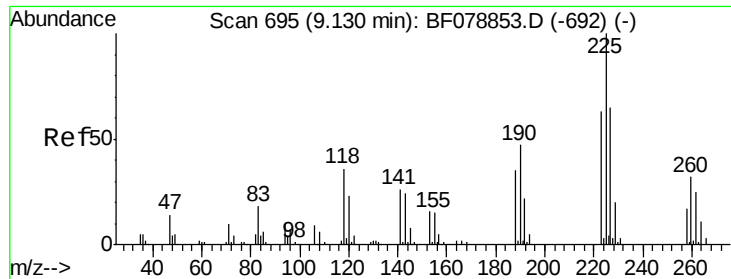
Tgt Ion:122 Resp: 38362
Ion Ratio Lower Upper
122 100
105 118.6 100.7 140.7
77 92.1 72.0 112.0



#33
4-Chloroaniline
Concen: 19.50 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion:127 Resp: 117884
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 24.4 30.2 45.4#
92 16.9 17.5 26.3#





#34

Hexachlorobutadiene

Concen: 36.80 ng

RT: 8.84 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

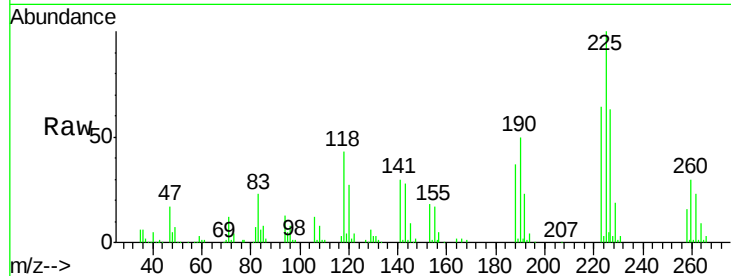
Tgt Ion: 225 Resp: 88659

Ion Ratio Lower Upper

225 100

223 63.9 50.6 75.8

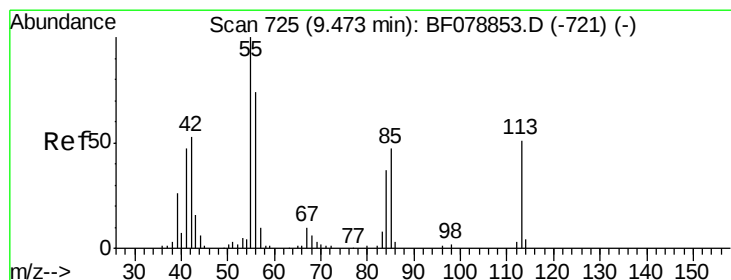
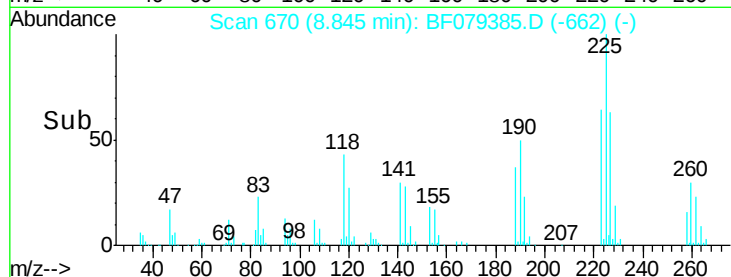
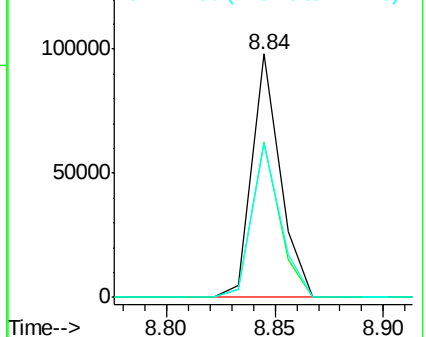
227 63.4 52.1 78.1



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: 38.67 ng

RT: 9.20 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

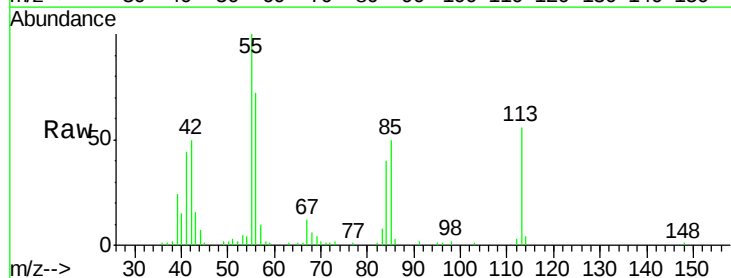
Tgt Ion: 113 Resp: 47622

Ion Ratio Lower Upper

113 100

55 179.8 176.0 216.0

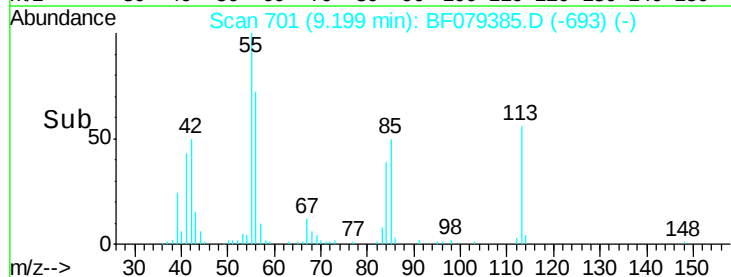
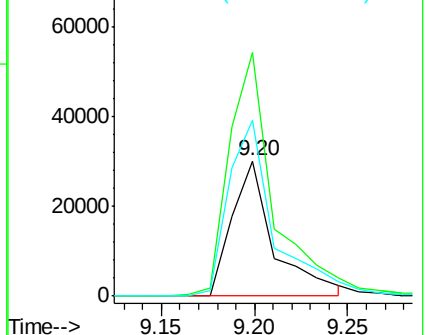
56 129.6 123.8 163.8

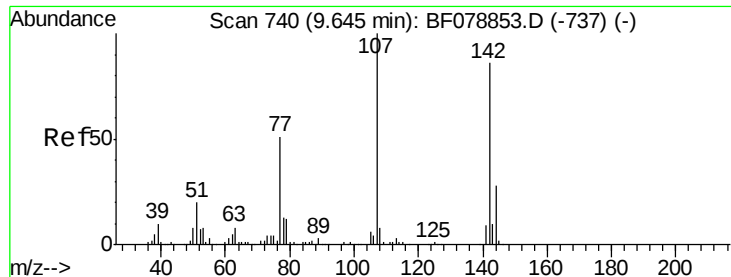


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

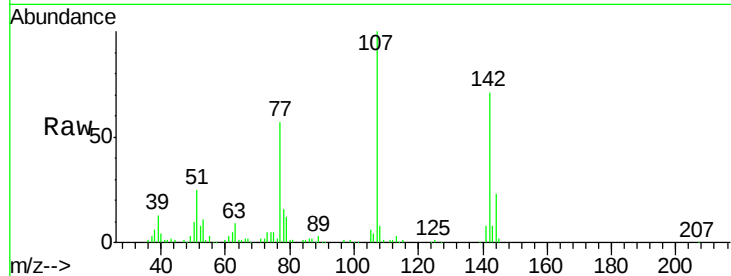




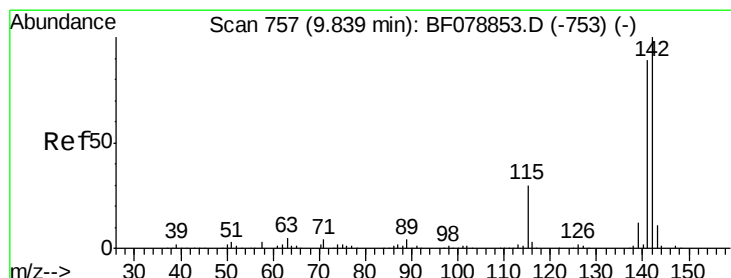
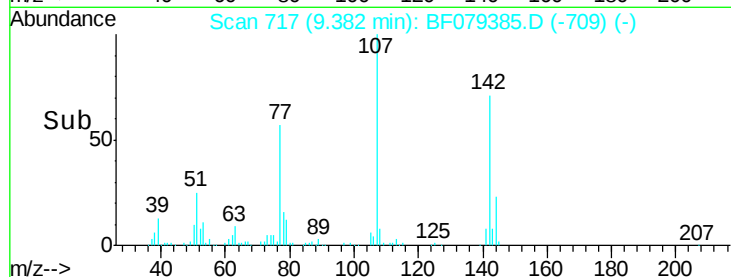
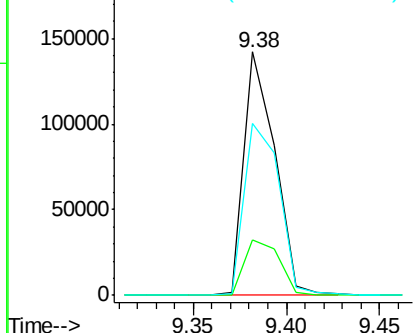
#36
 4-Chloro-3-methylphenol
 Concen: 41.12 ng
 RT: 9.38 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

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

Tgt Ion:107 Resp: 164472
 Ion Ratio Lower Upper
 107 100
 144 22.9 22.5 33.7
 142 70.7 68.6 103.0

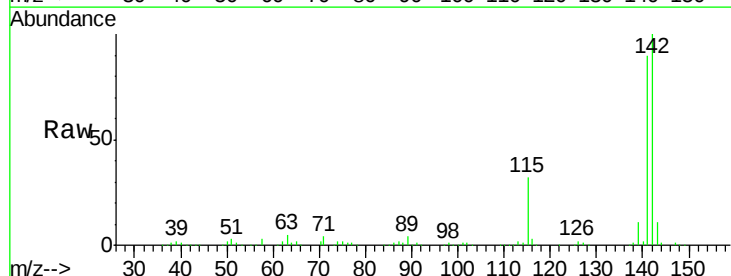


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

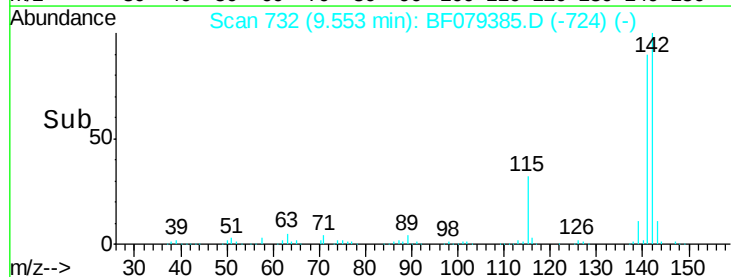
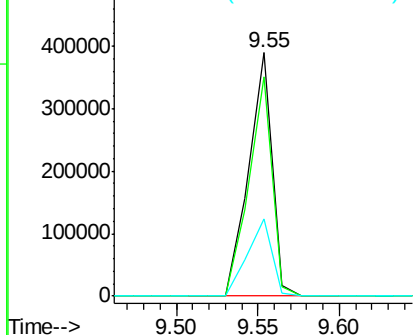


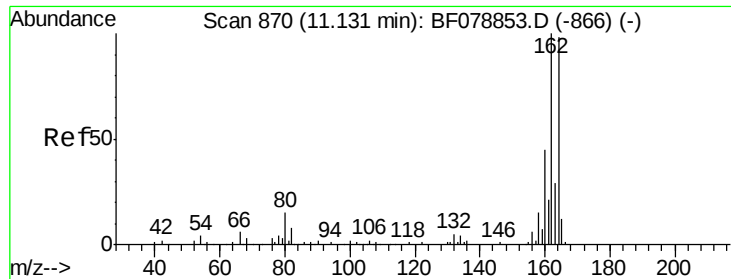
#37
 2-Methylnaphthalene
 Concen: 39.20 ng
 RT: 9.55 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:142 Resp: 388034
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4
 115 31.7 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: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

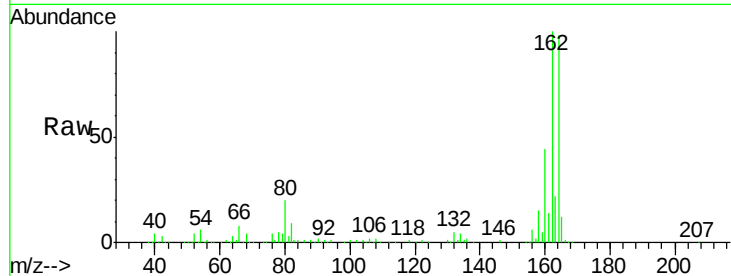
Tgt Ion:164 Resp: 145671

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

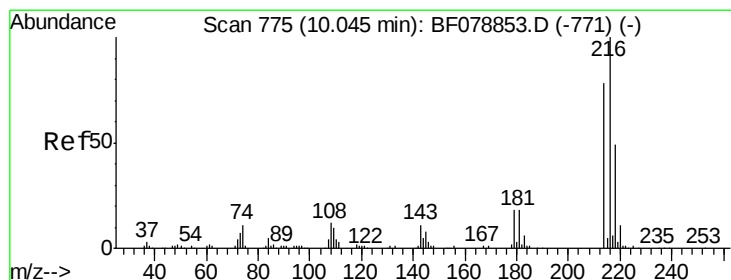
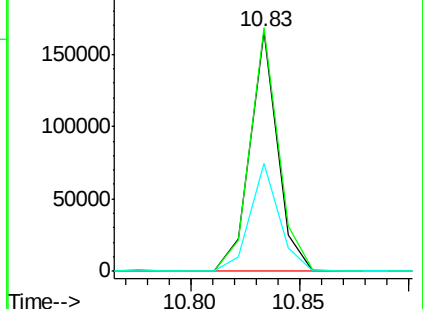
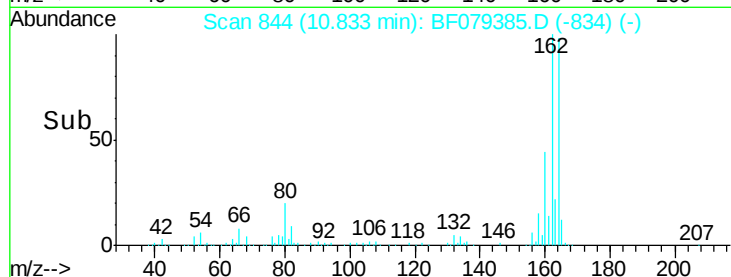
160 44.9 36.6 54.8



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: 38.16 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Tgt Ion:216 Resp: 156557

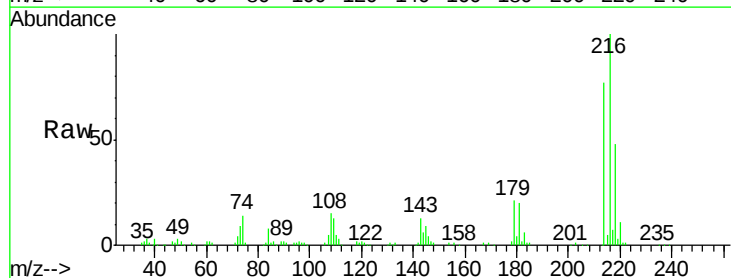
Ion Ratio Lower Upper

216 100

214 78.1 64.0 96.0

179 22.2 17.0 25.4

108 22.9 17.0 25.6

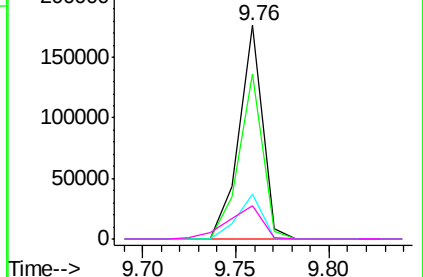
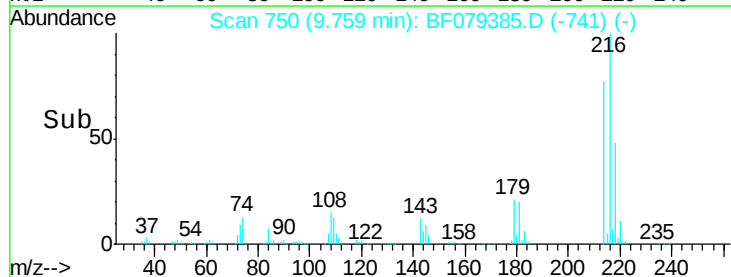


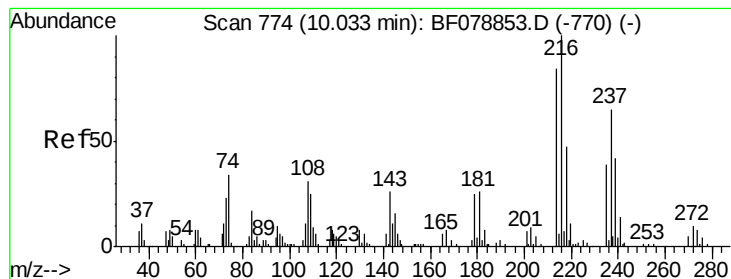
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.72 ng

RT: 9.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

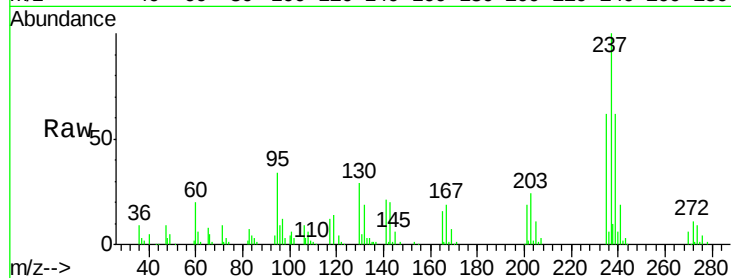
Tgt Ion:237 Resp: 112895

Ion Ratio Lower Upper

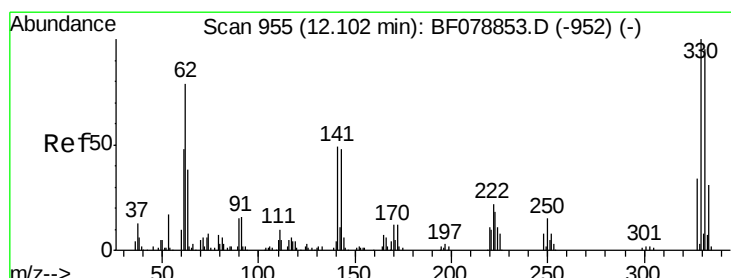
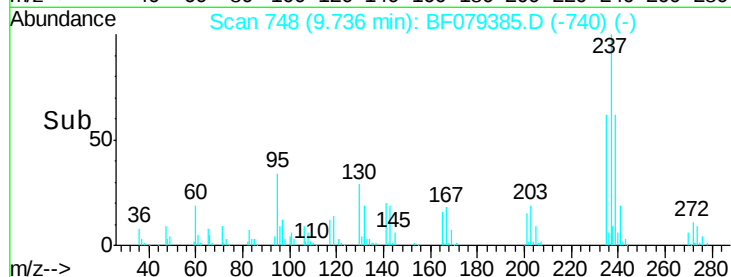
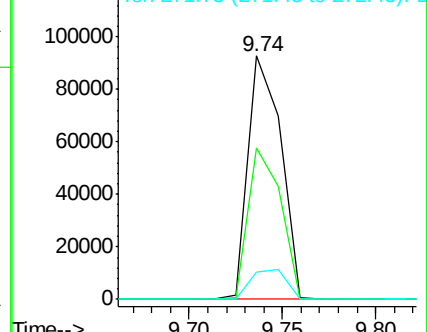
237 100

235 62.2 40.0 80.0

272 11.3 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: 124.24 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

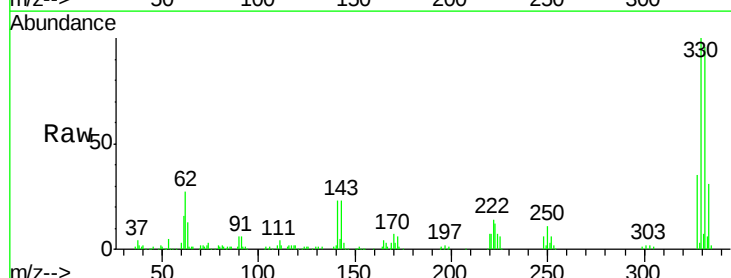
Tgt Ion:330 Resp: 195791

Ion Ratio Lower Upper

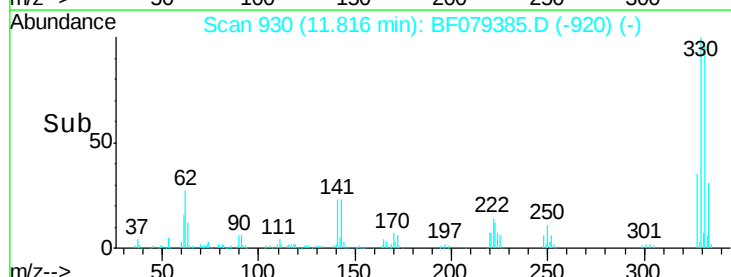
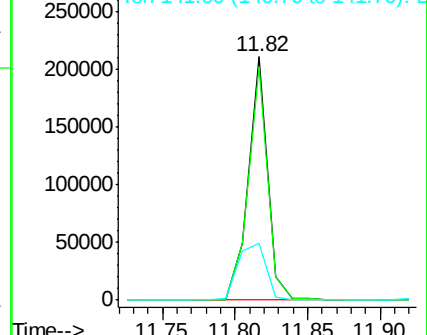
330 100

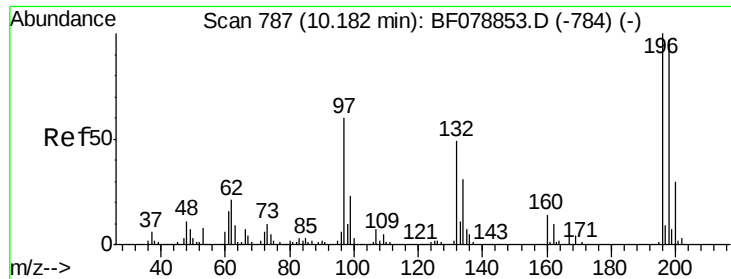
332 96.8 76.9 115.3

141 33.6 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

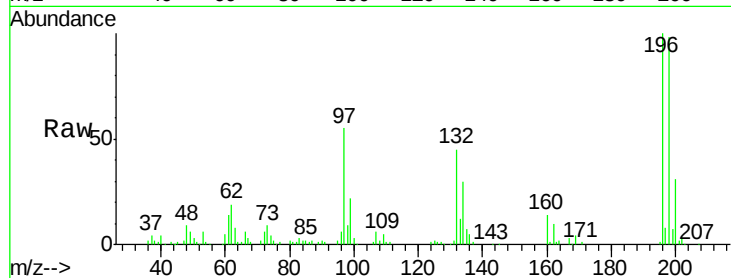




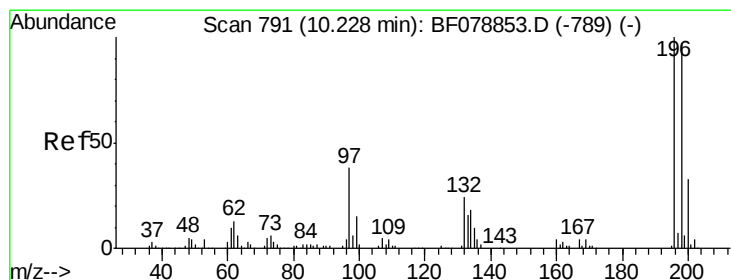
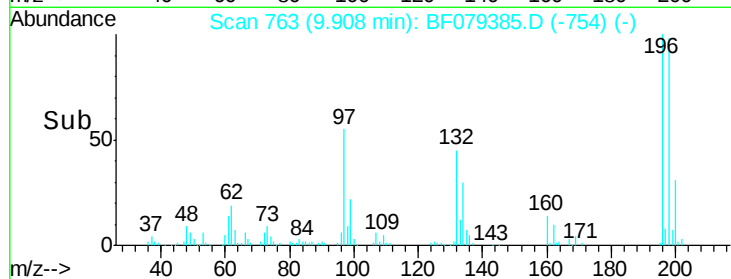
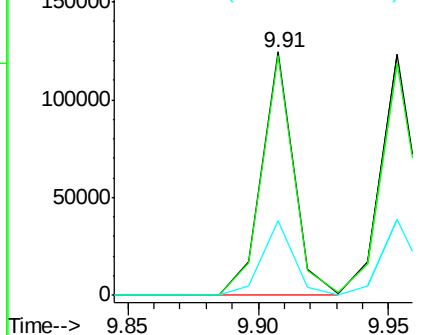
#42
2,4,6-Trichlorophenol
Concen: 37.90 ng
RT: 9.91 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

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

Tgt Ion:196 Resp: 106894
Ion Ratio Lower Upper
196 100
198 98.4 77.4 116.2
200 30.8 23.7 35.5

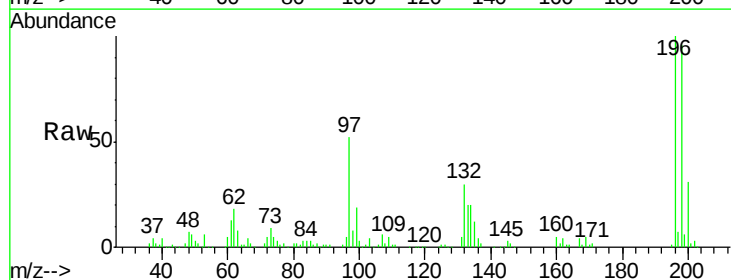


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

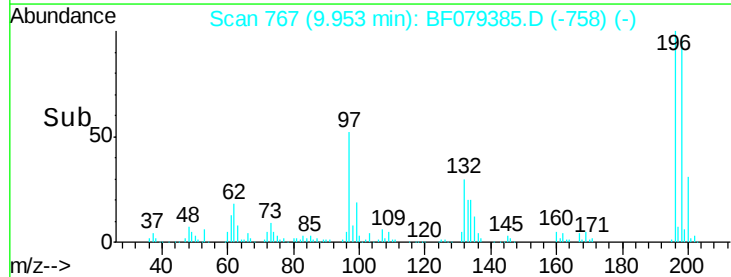
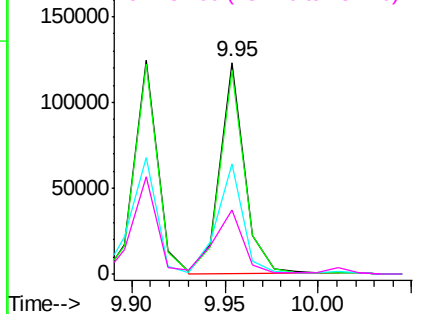


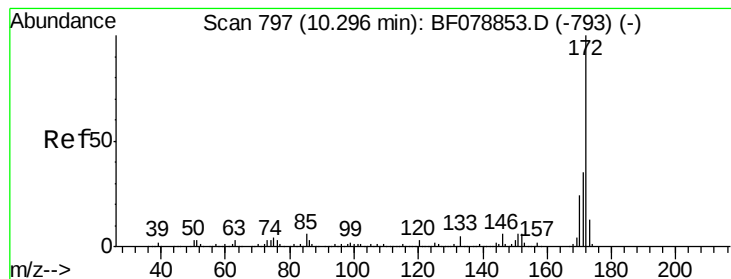
#43
2,4,5-Trichlorophenol
Concen: 39.97 ng
RT: 9.95 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion:196 Resp: 113963
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
97 52.1 31.3 46.9#
132 30.1 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: 67.12 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

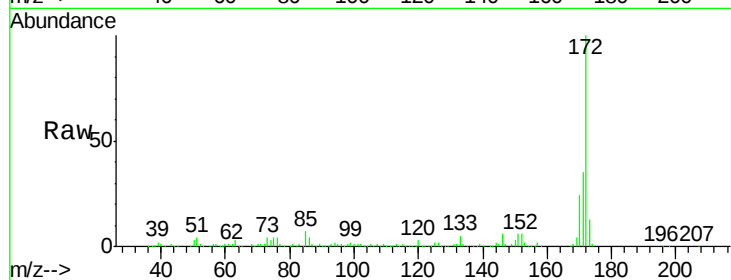
Tgt Ion:172 Resp: 701784

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

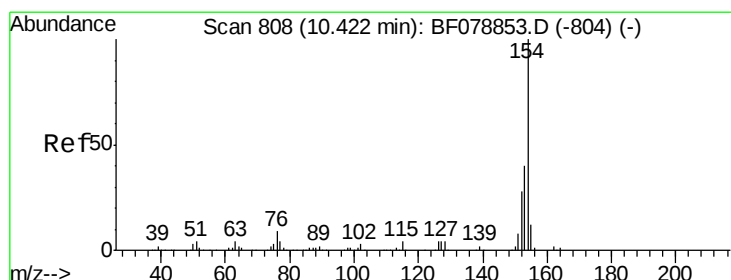
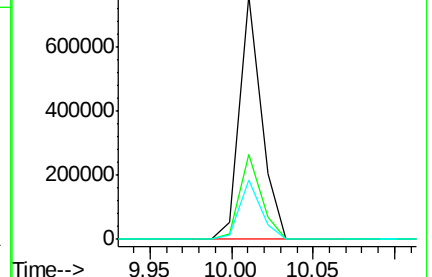
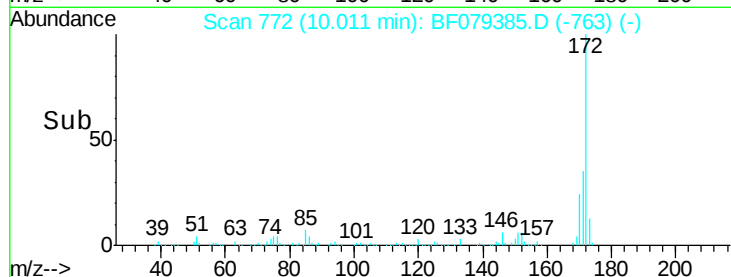
170 24.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.76 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

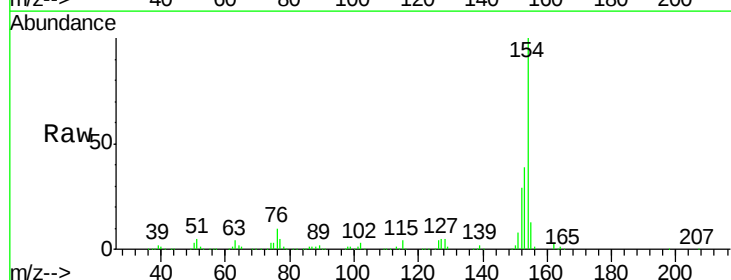
Tgt Ion:154 Resp: 460460

Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

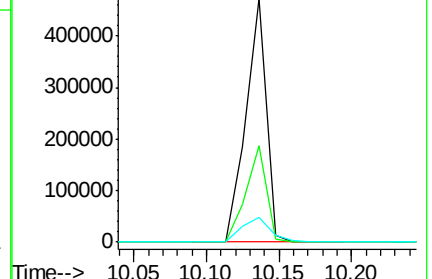
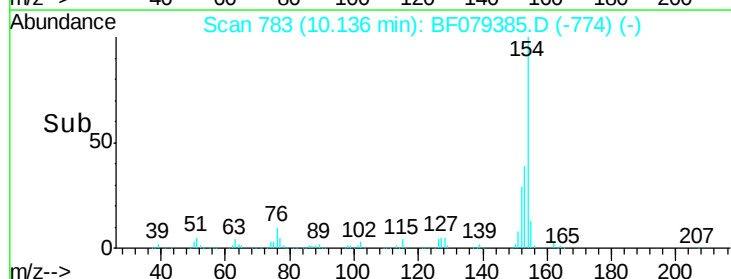
76 10.1 0.0 29.1

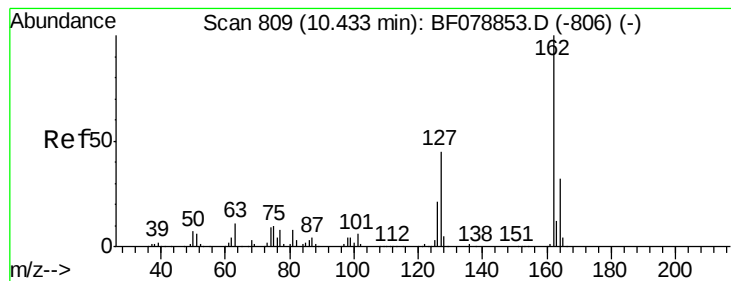


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 37.46 ng

RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

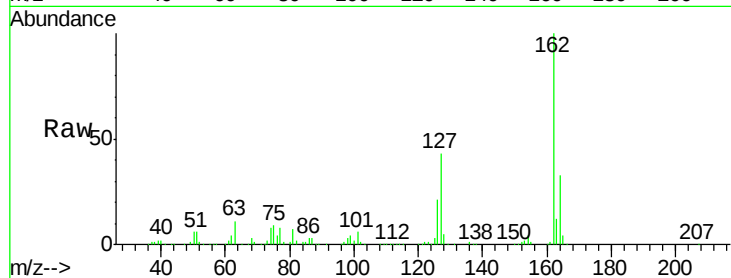
Tgt Ion: 162 Resp: 338408

Ion Ratio Lower Upper

162 100

127 42.8 36.3 54.5

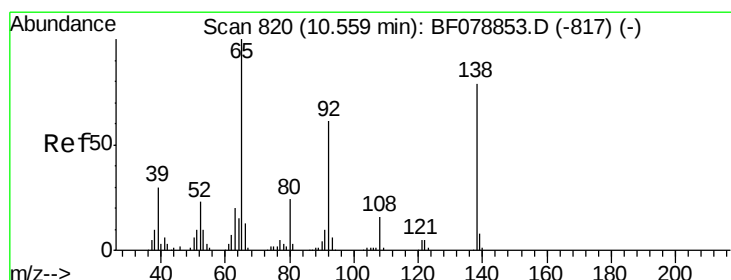
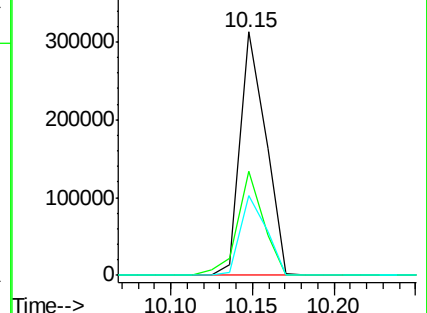
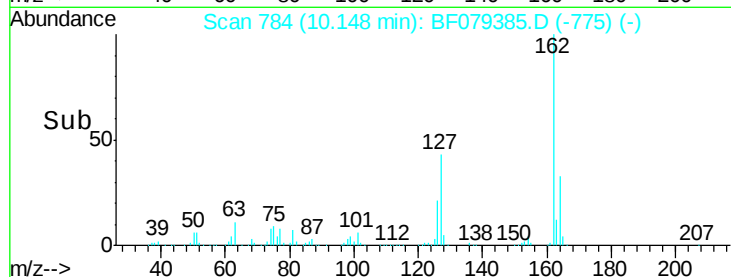
164 32.9 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 39.00 ng

RT: 10.28 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

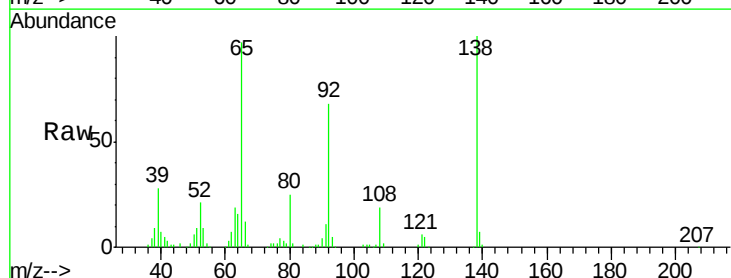
Tgt Ion: 65 Resp: 102077

Ion Ratio Lower Upper

65 100

92 70.3 49.1 73.7

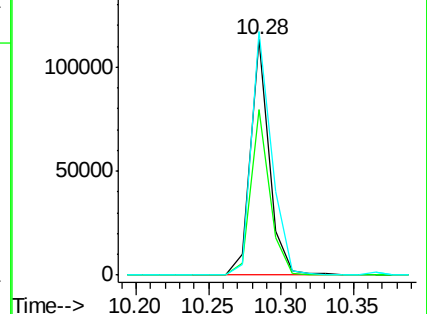
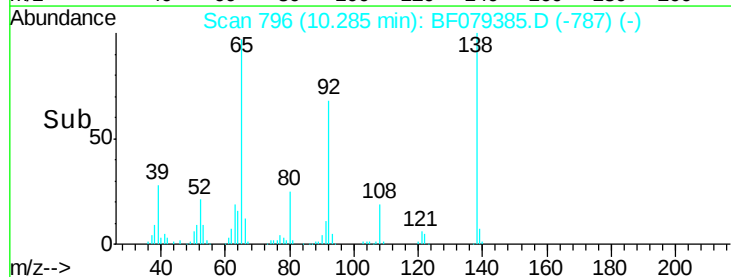
138 103.4 63.2 94.8#

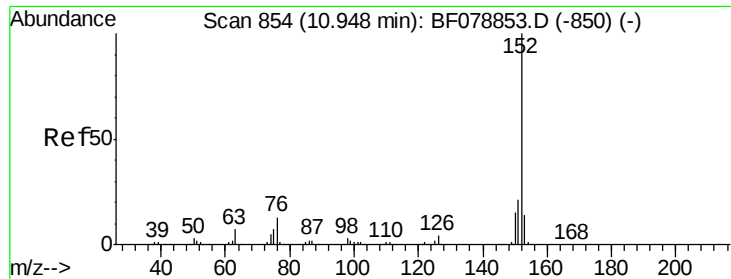


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.20 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

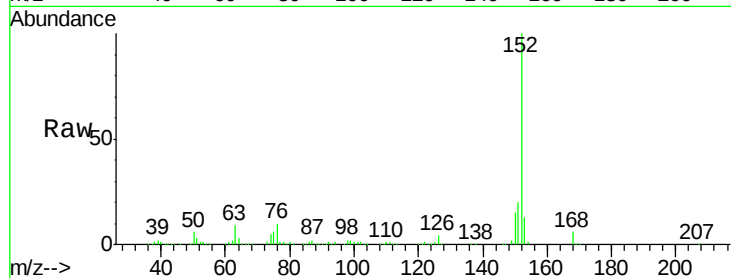
Tgt Ion:152 Resp: 581381

Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8

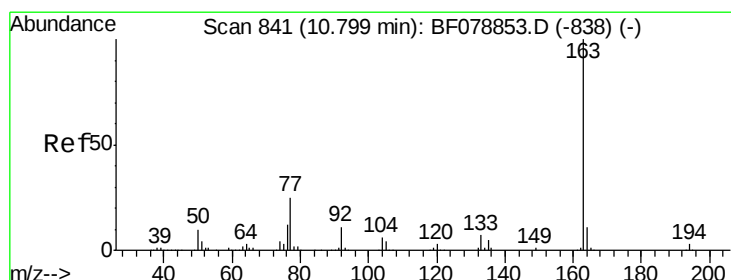
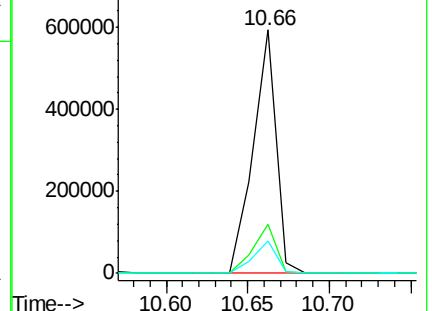
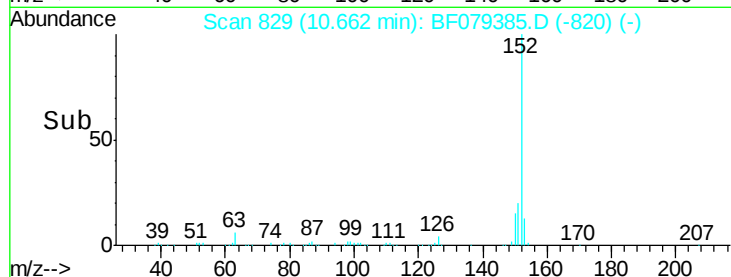
153 13.1 11.0 16.6



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: 43.97 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

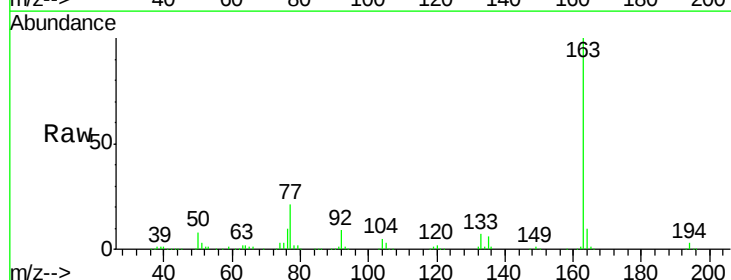
Tgt Ion:163 Resp: 470126

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

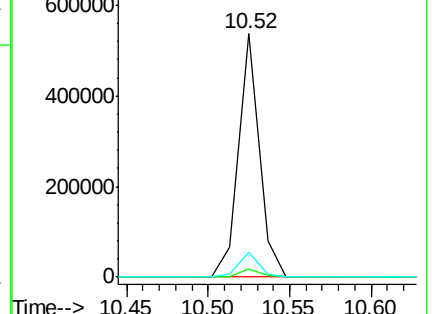
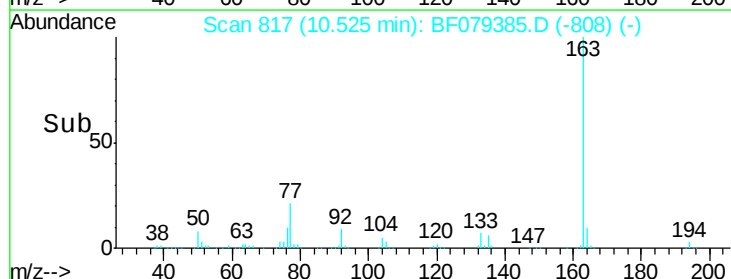
164 10.4 8.6 12.8

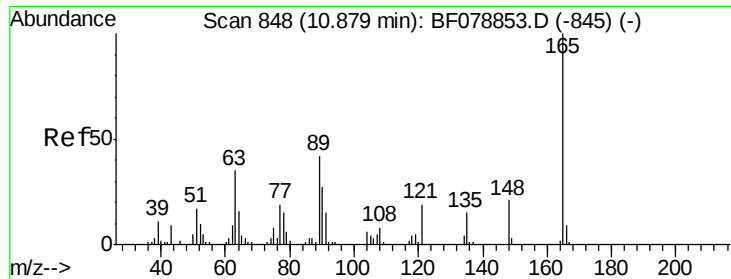


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 39.54 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

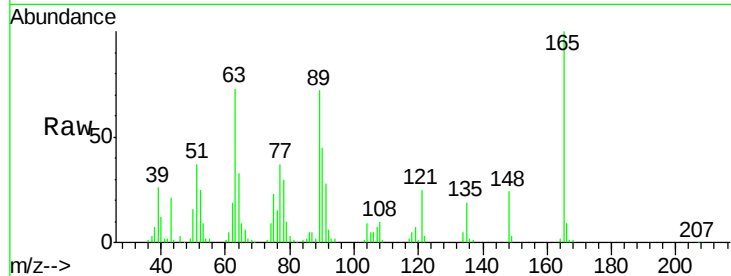
Tgt Ion:165 Resp: 83418

Ion Ratio Lower Upper

165 100

63 73.4 29.2 43.8#

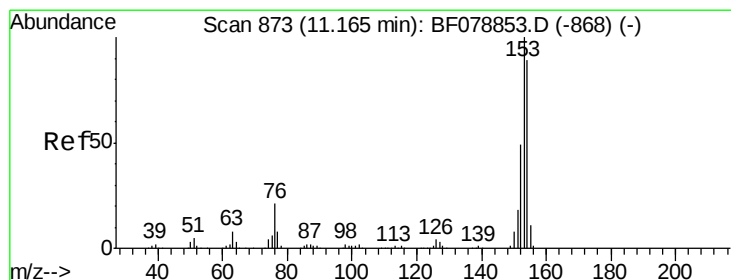
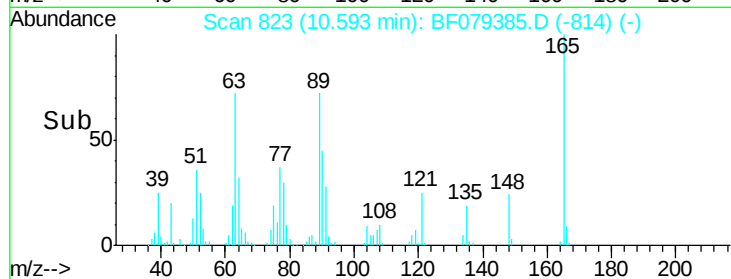
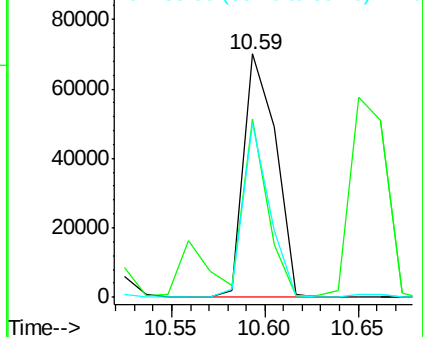
89 71.9 33.3 49.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 36.83 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

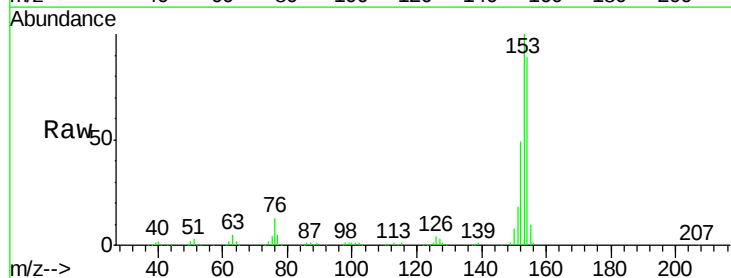
Tgt Ion:154 Resp: 325755

Ion Ratio Lower Upper

154 100

153 112.5 90.2 135.2

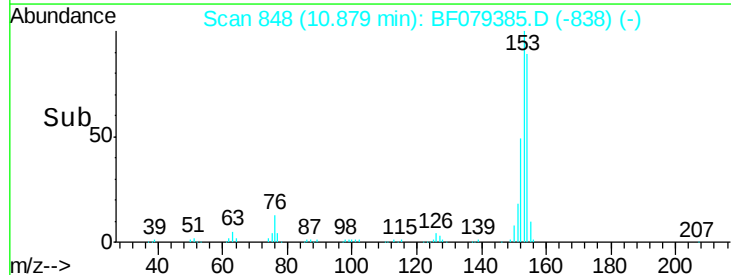
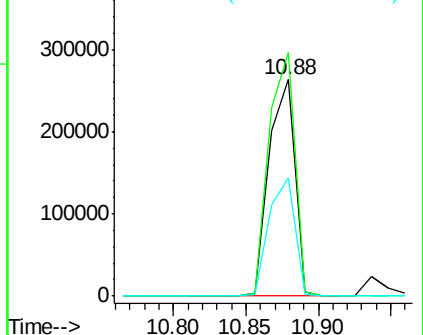
152 54.8 43.8 65.8

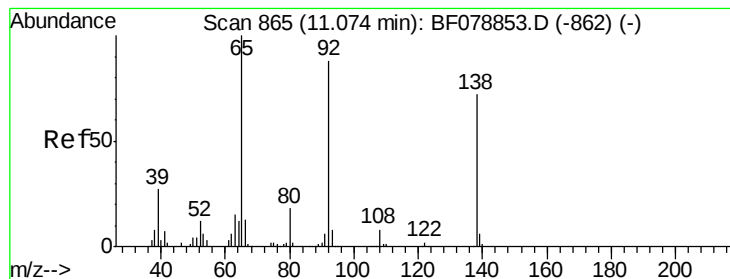


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 29.22 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

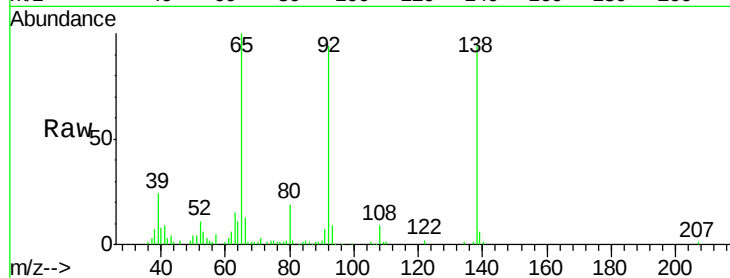
Tgt Ion:138 Resp: 77000

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

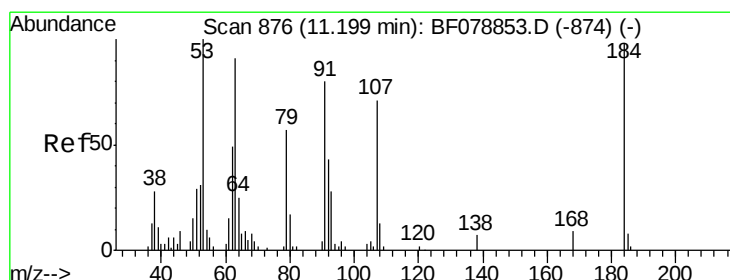
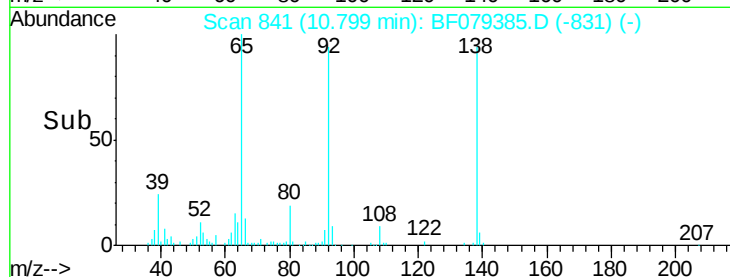
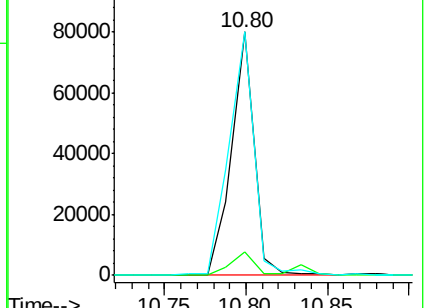
92 100.0 97.4 146.0



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): E



#53

2,4-Dinitrophenol

Concen: 56.79 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

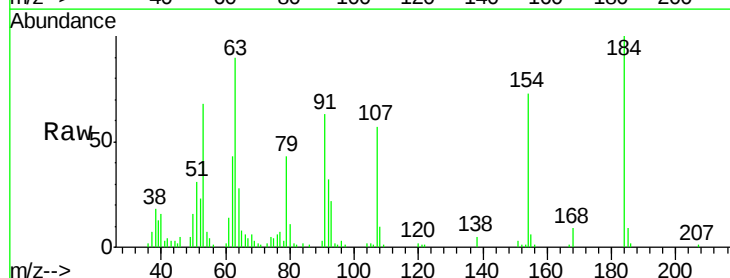
Tgt Ion:184 Resp: 40558

Ion Ratio Lower Upper

184 100

63 90.1 98.8 148.2#

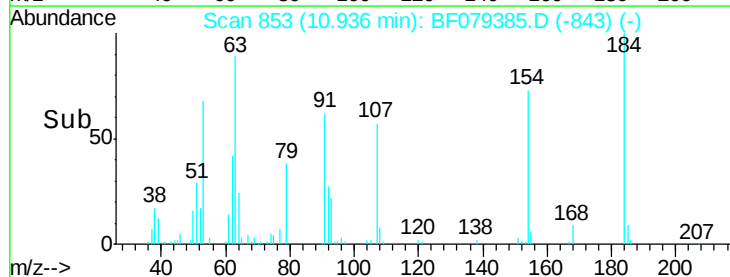
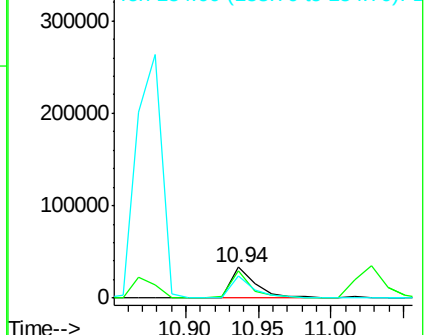
154 73.1 63.4 95.0

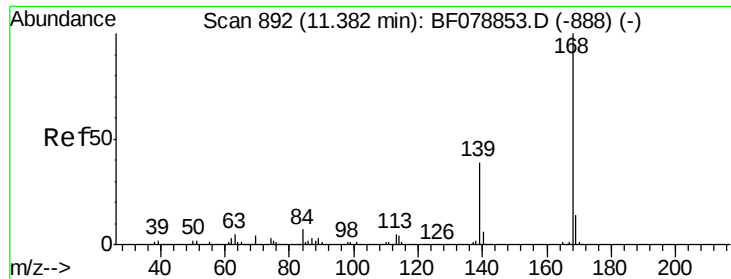


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

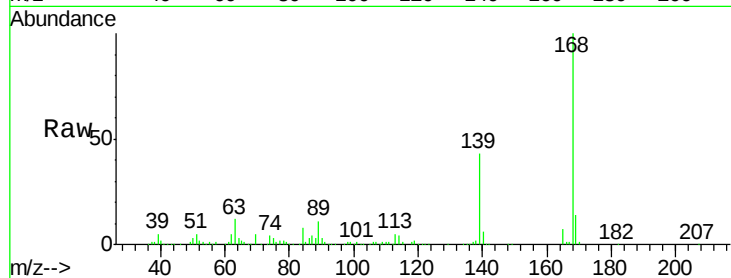




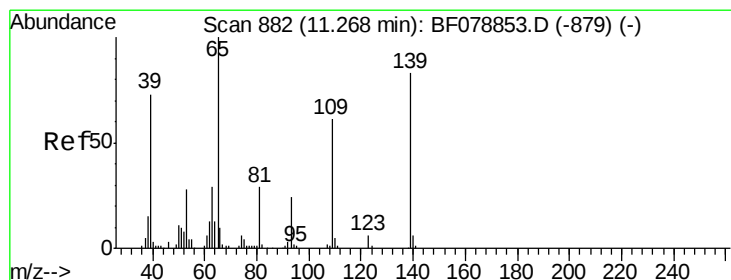
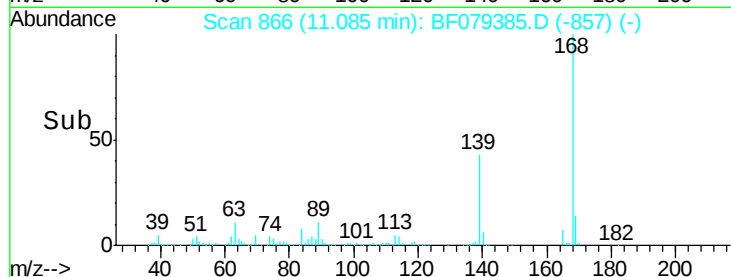
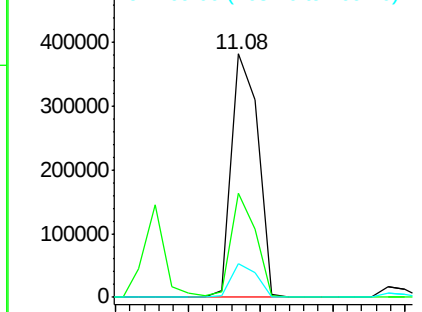
#54
Dibenzenofuran
Concen: 38.09 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

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

Tgt Ion:168 Resp: 486662
Ion Ratio Lower Upper
168 100
139 42.8 31.5 47.3
169 14.1 11.0 16.4

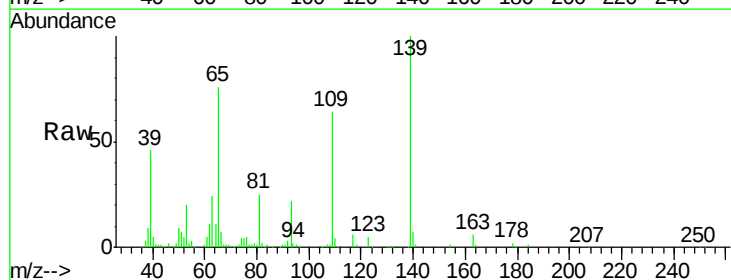


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

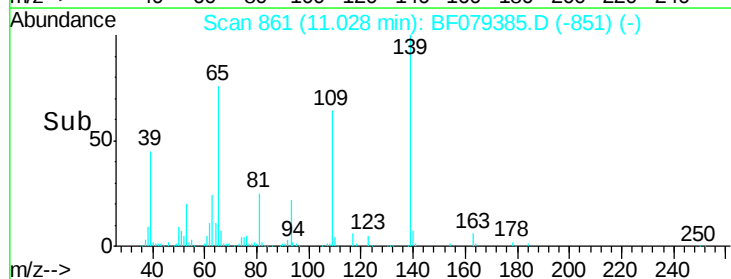
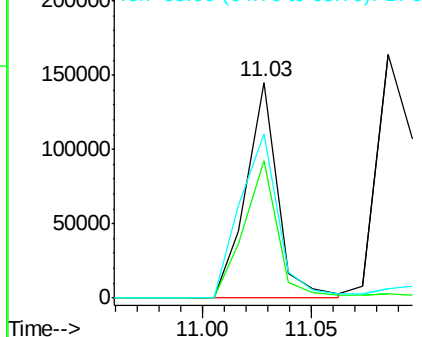


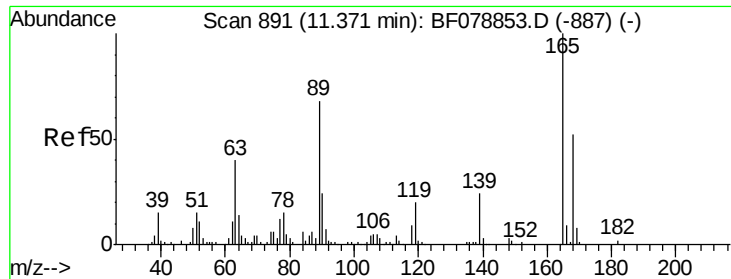
#55
4-Nitrophenol
Concen: 71.24 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion:139 Resp: 148611
Ion Ratio Lower Upper
139 100
109 63.8 54.4 94.4
65 76.0 101.0 141.0#



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

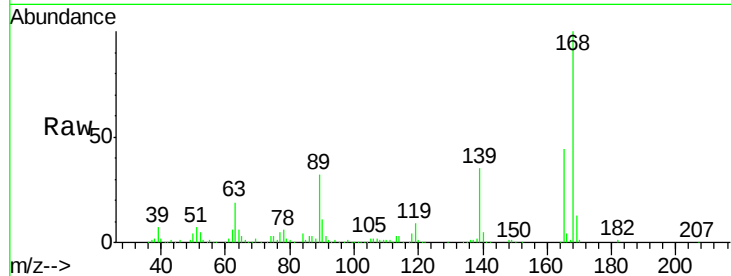




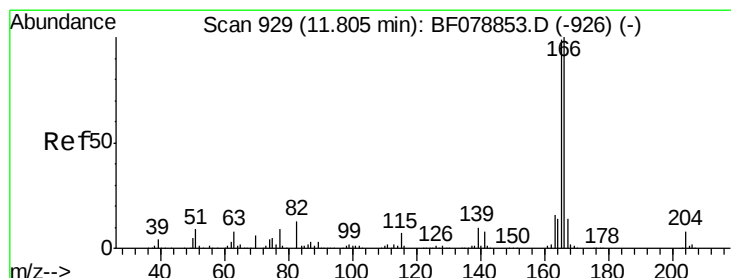
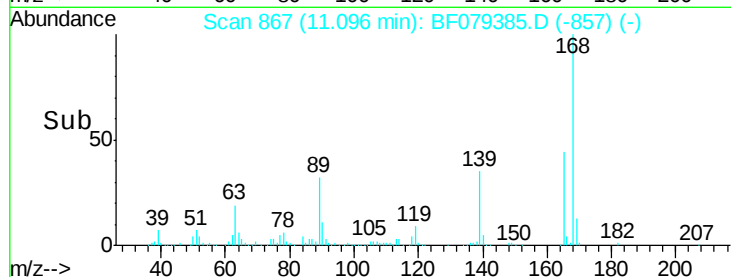
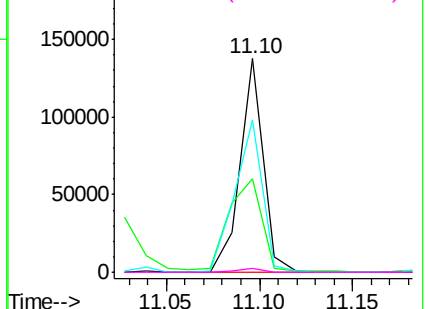
#56
 2,4-Dinitrotoluene
 Concen: 42.67 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

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

Tgt Ion:165 Resp: 119011
 Ion Ratio Lower Upper
 165 100
 63 43.7 32.3 48.5
 89 71.1 54.6 81.8
 182 2.0 1.8 2.6

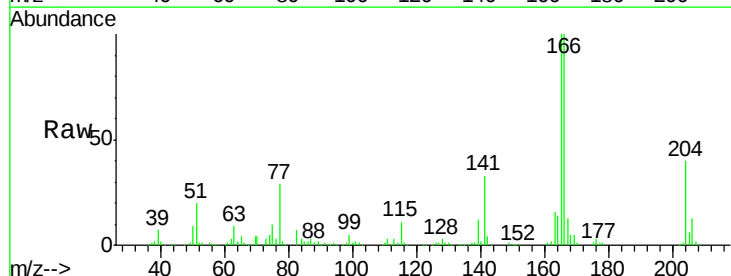


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

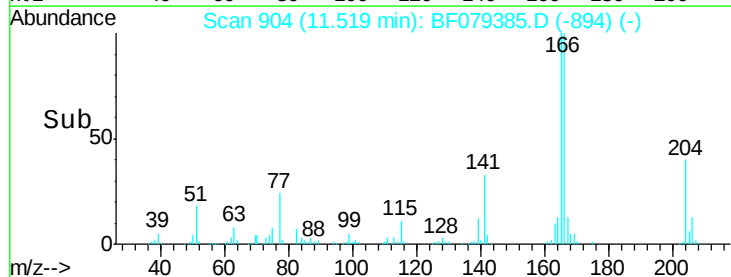
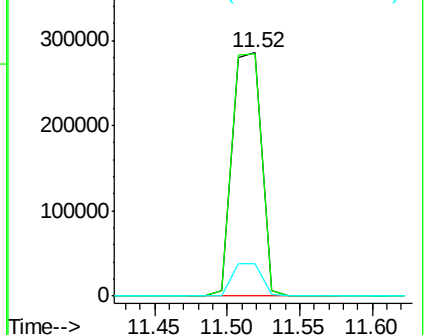


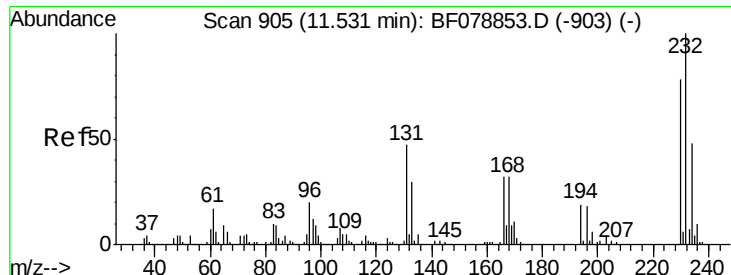
#57
 Fluorene
 Concen: 37.97 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:166 Resp: 398122
 Ion Ratio Lower Upper
 166 100
 165 99.7 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

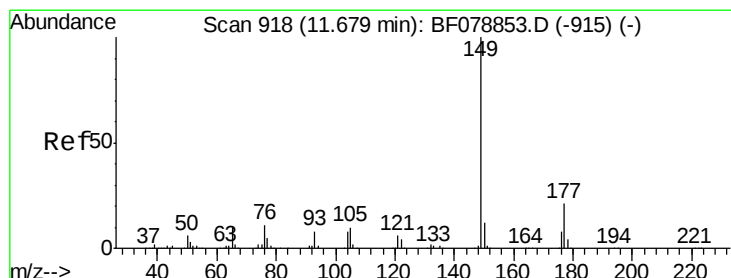
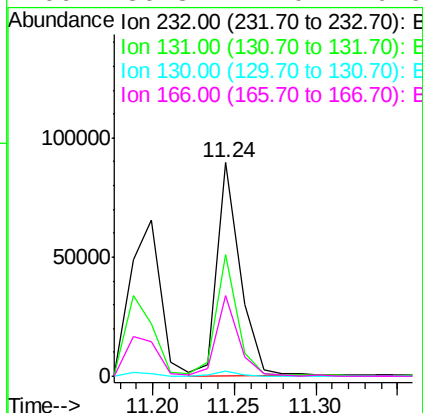
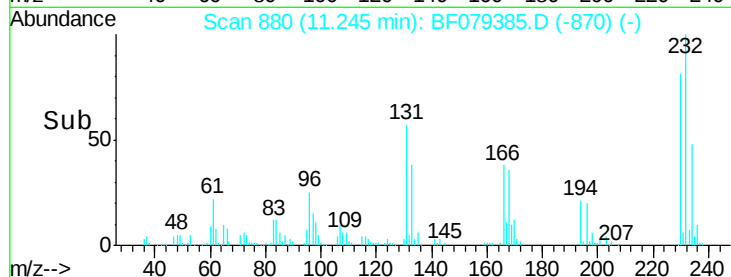
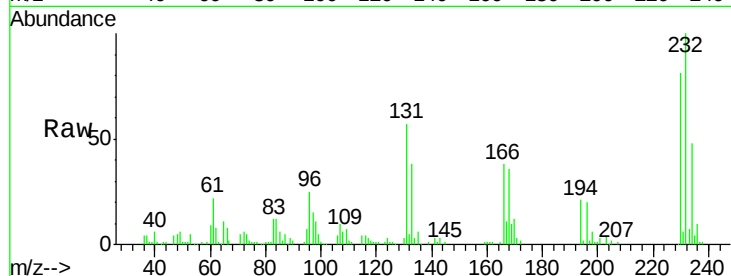




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.47 ng
 RT: 11.24 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

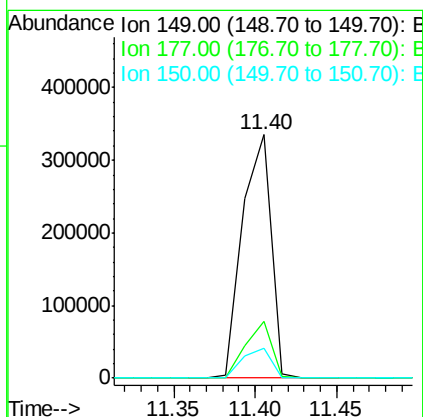
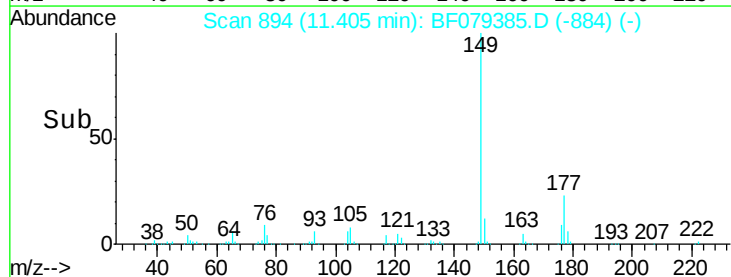
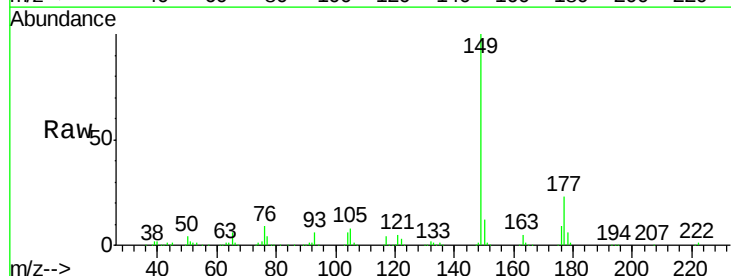
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

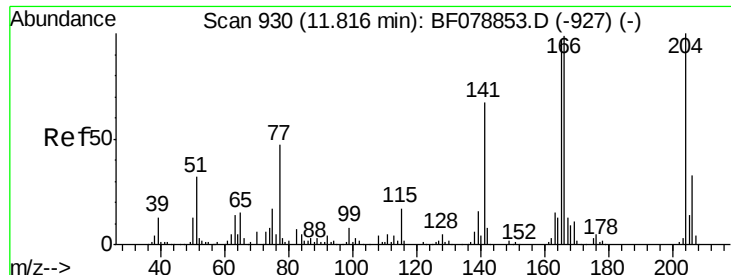
Tgt Ion:	232	Resp:	87314
Ion	Ratio	Lower	Upper
232	100		
131	53.5	41.9	62.9
130	2.5	1.9	2.9
166	36.3	27.0	40.6



#59
 Diethylphthalate
 Concen: 38.50 ng
 RT: 11.40 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:	149	Resp:	407752
Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.4	24.6
150	12.0	9.8	14.6

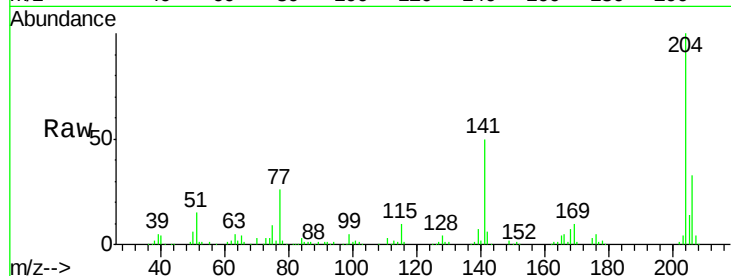




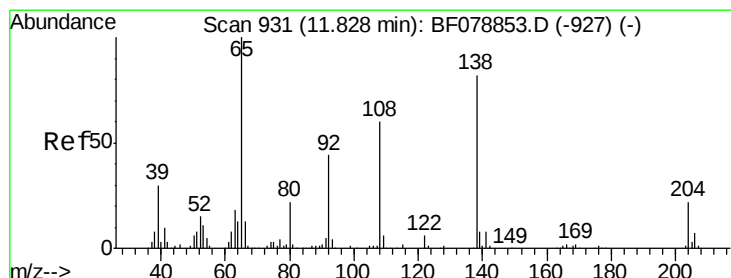
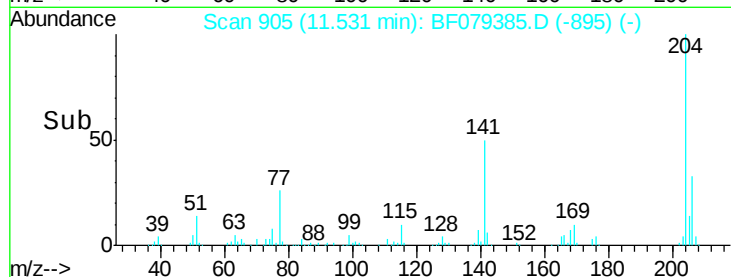
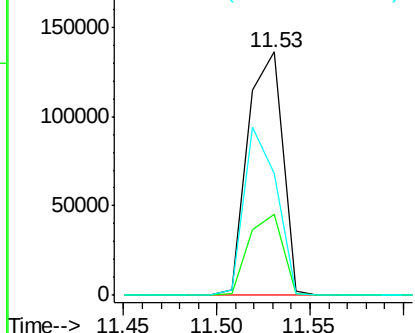
#60
 4-Chlorophenyl-phenylether
 Concen: 37.75 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

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

Tgt Ion:204 Resp: 175616
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.2 39.4
 141 50.2 53.6 80.4#

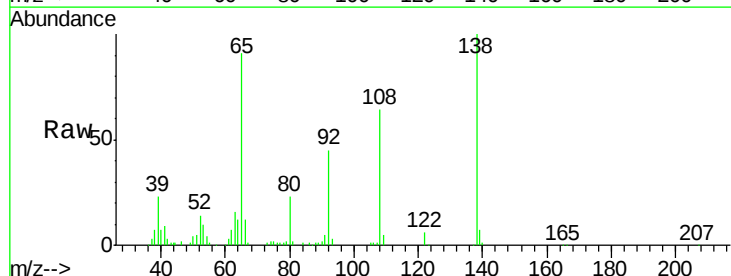


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

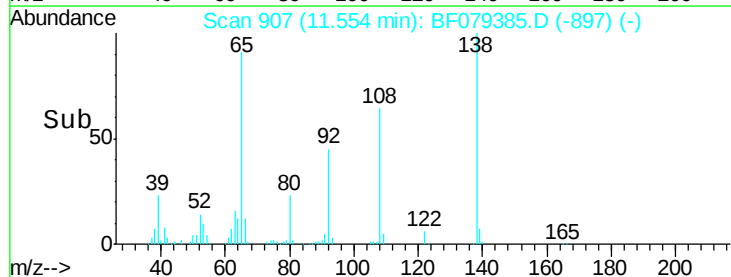
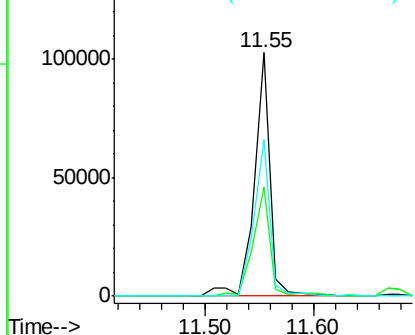


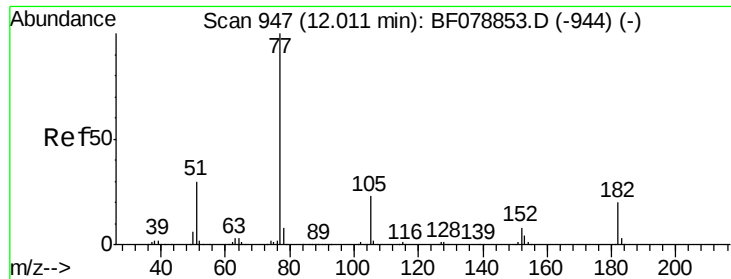
#61
 4-Nitroaniline
 Concen: 39.27 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:138 Resp: 103547
 Ion Ratio Lower Upper
 138 100
 92 44.7 33.7 73.7
 108 64.3 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: 37.40 ng

RT: 11.73 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

Tgt Ion: 77 Resp: 390342

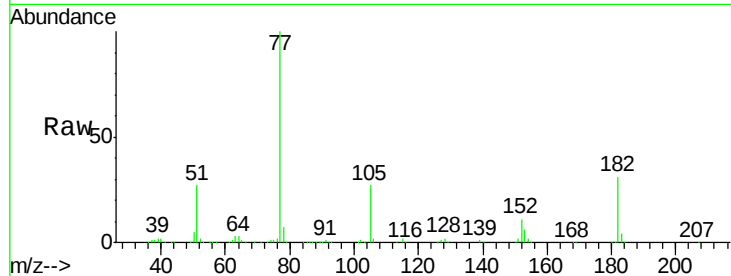
Ion Ratio Lower Upper

77 100

182 31.2 0.0 40.0

105 26.5 2.9 42.9

51 26.6 10.0 50.0

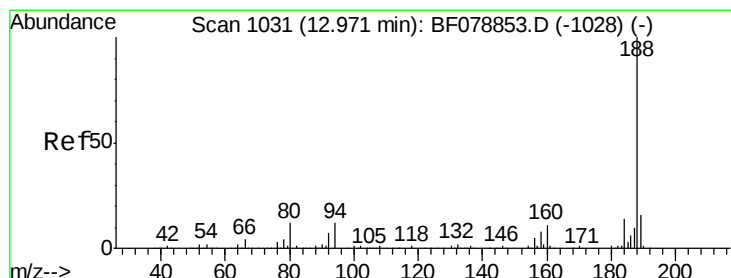
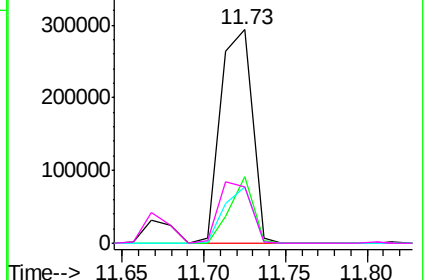
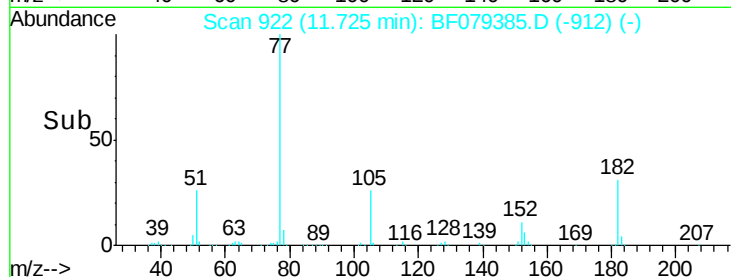


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

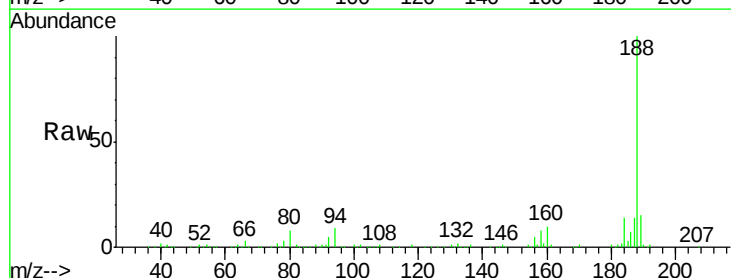
Tgt Ion: 188 Resp: 280550

Ion Ratio Lower Upper

188 100

94 8.5 9.4 14.0#

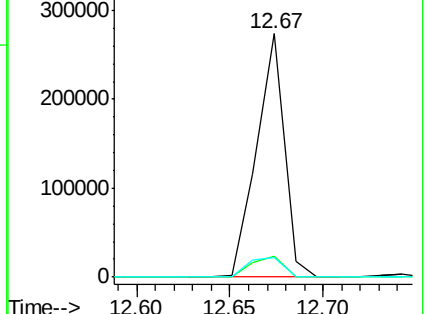
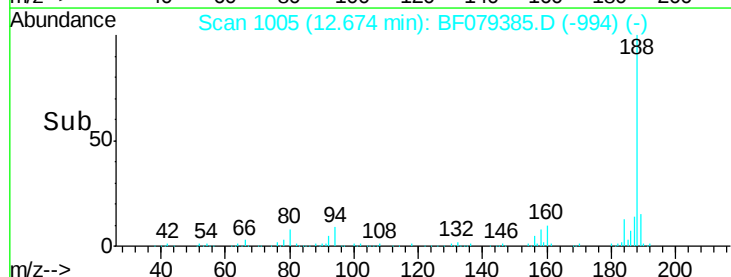
80 8.2 9.8 14.6#

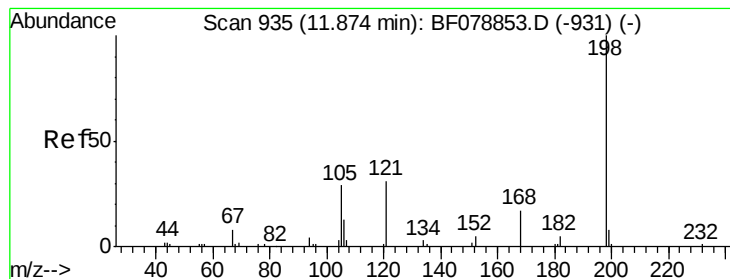


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 39.58 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

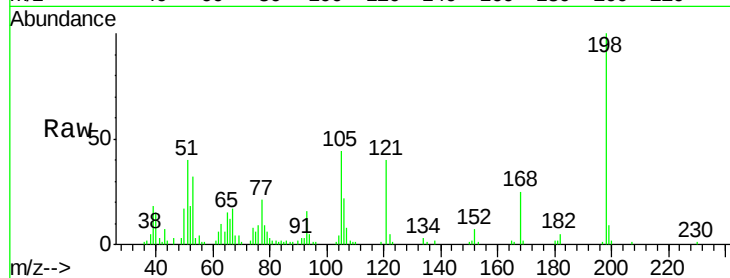
Tgt Ion:198 Resp: 42957

Ion Ratio Lower Upper

198 100

51 39.7 7.0 47.0

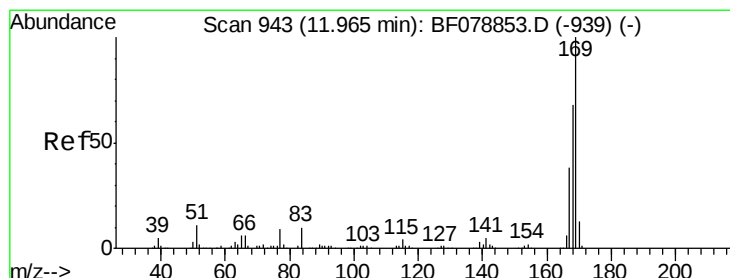
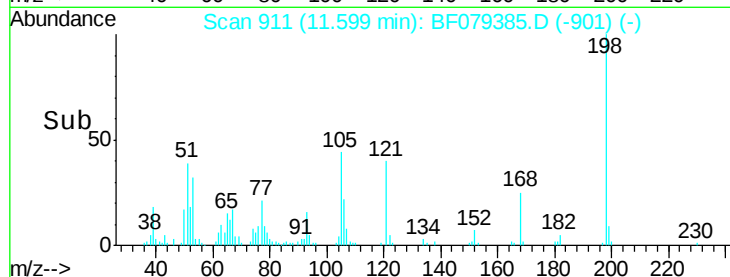
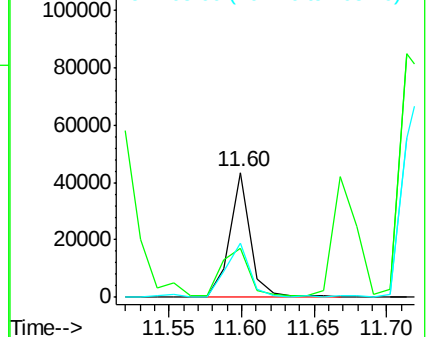
105 43.8 13.7 53.7



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: 37.15 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

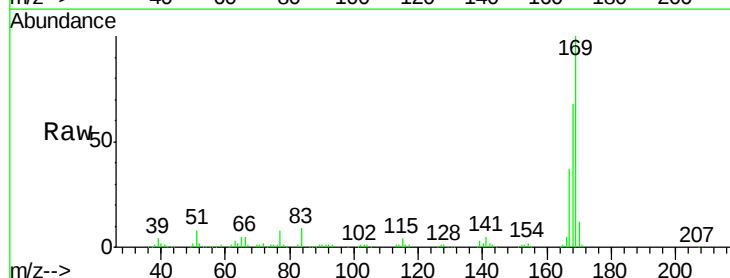
Tgt Ion:169 Resp: 347098

Ion Ratio Lower Upper

169 100

168 67.7 54.1 81.1

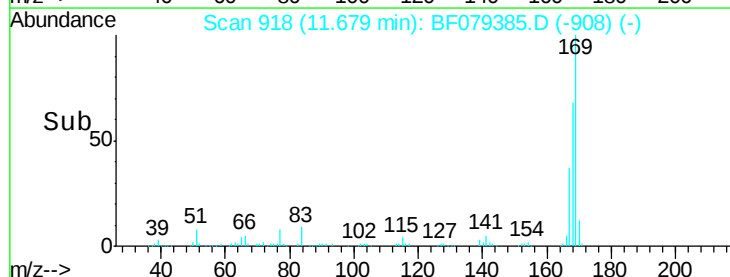
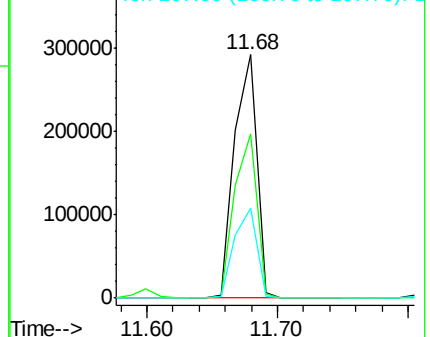
167 37.2 30.1 45.1

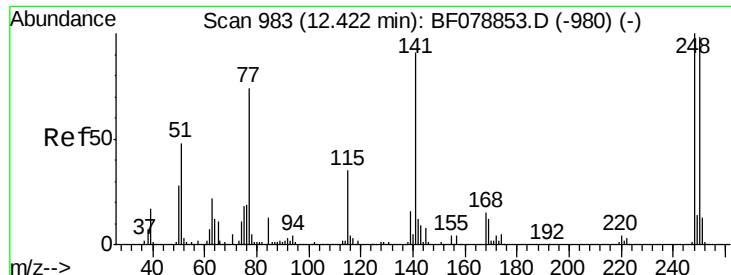


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

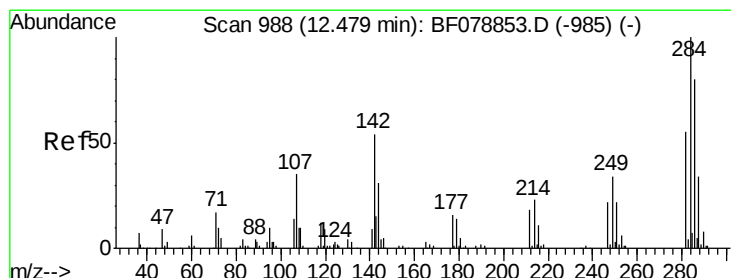
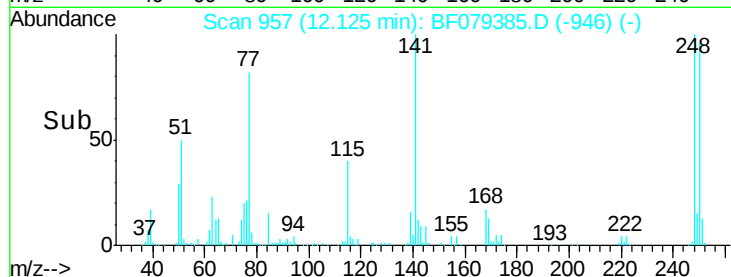
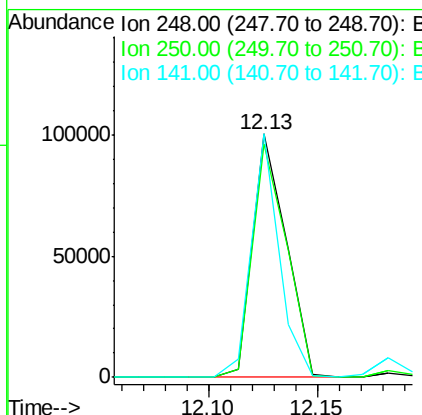
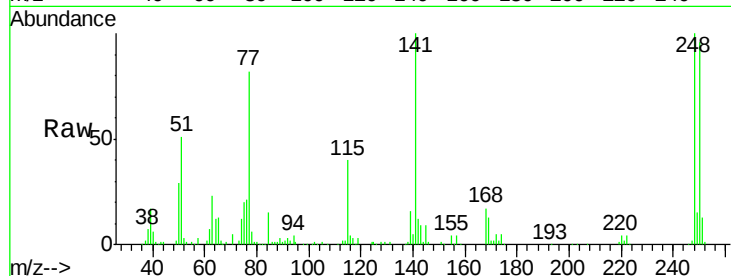




#66
 4-Bromophenyl-phenylether
 Concen: 37.03 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

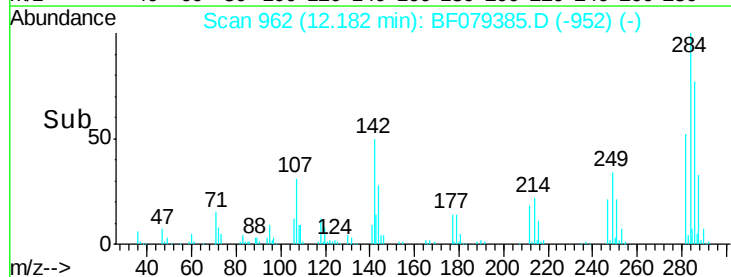
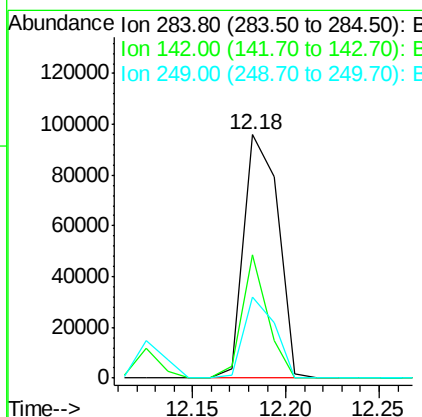
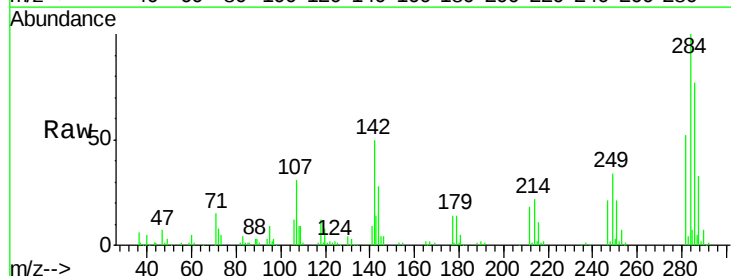
Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MSD

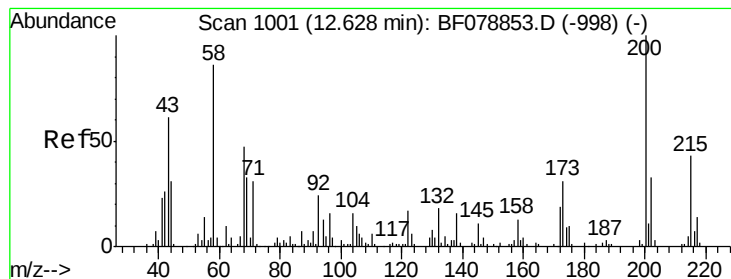
Tgt Ion:248 Resp: 108300
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.0 117.0
 141 100.1 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 37.02 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion:284 Resp: 123721
 Ion Ratio Lower Upper
 284 100
 142 50.4 43.2 64.8
 249 33.6 27.5 41.3





#68

Atrazine

Concen: 41.17 ng

RT: 12.35 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

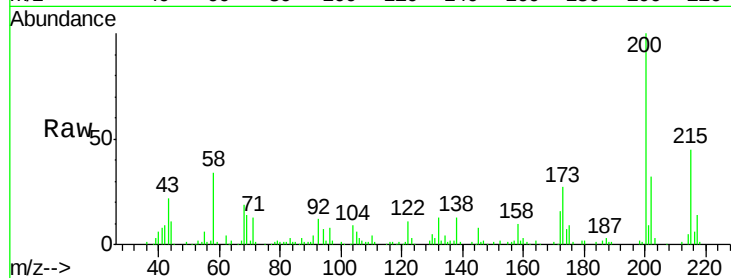
Tgt Ion:200 Resp: 111852

Ion Ratio Lower Upper

200 100

173 26.6 10.9 50.9

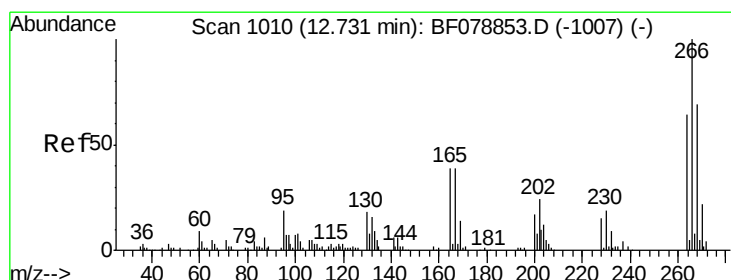
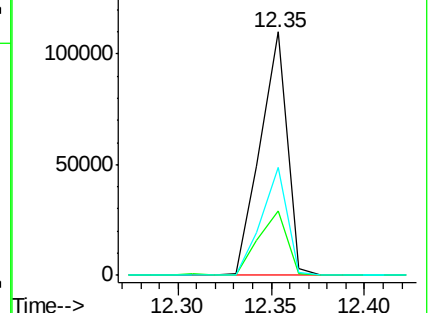
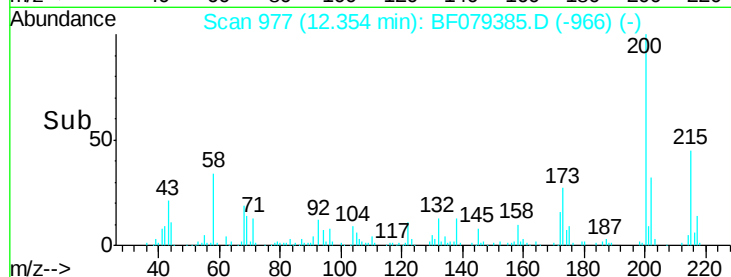
215 44.5 23.2 63.2



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: 60.62 ng

RT: 12.45 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

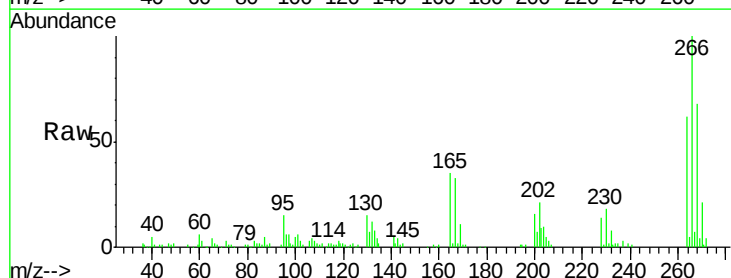
Tgt Ion:266 Resp: 114994

Ion Ratio Lower Upper

266 100

268 68.1 55.0 82.6

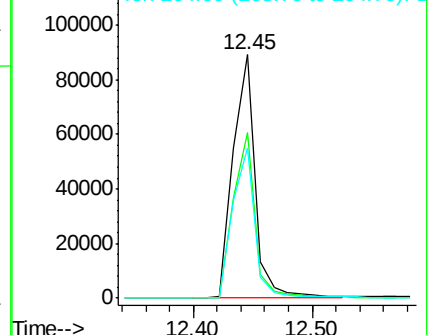
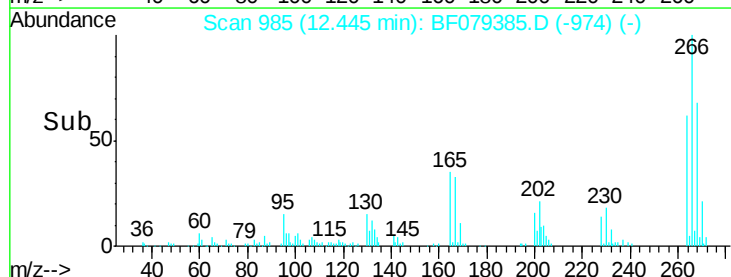
264 61.5 50.9 76.3

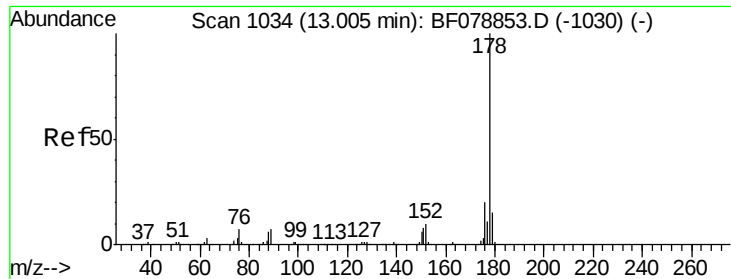


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.03 ng

RT: 12.70 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

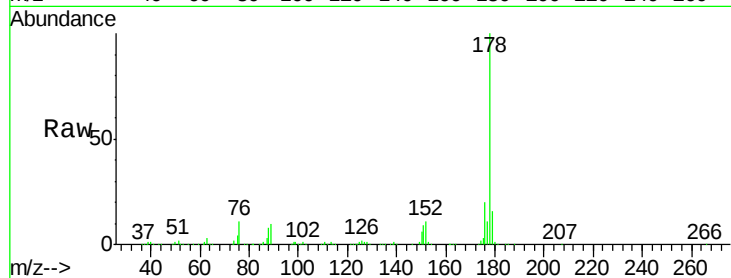
Tgt Ion:178 Resp: 565439

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

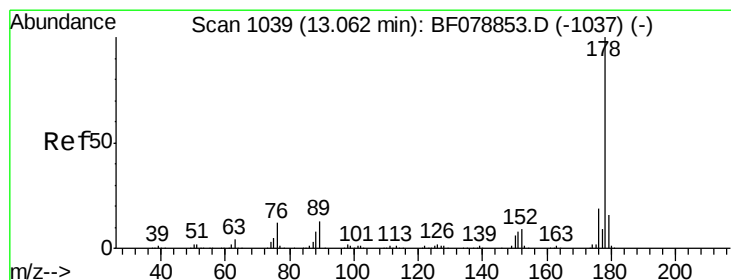
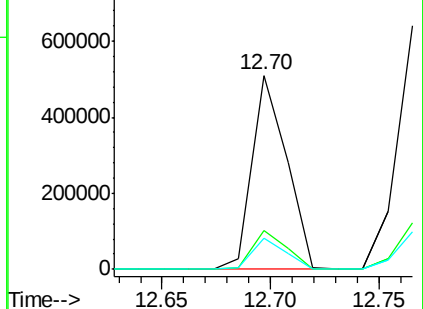
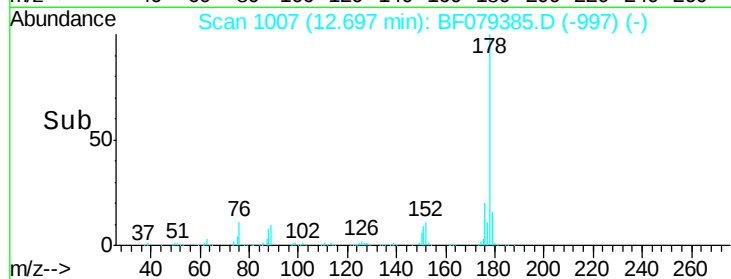
179 15.9 12.2 18.4



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: 38.39 ng

RT: 12.77 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

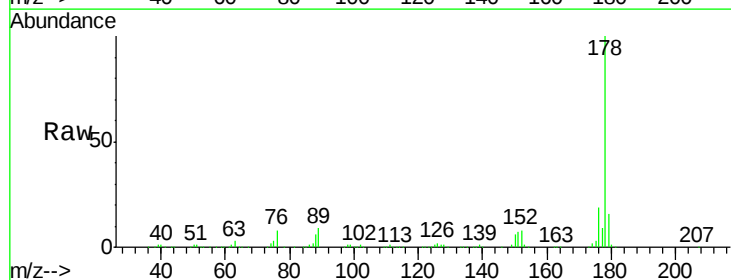
Tgt Ion:178 Resp: 591037

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

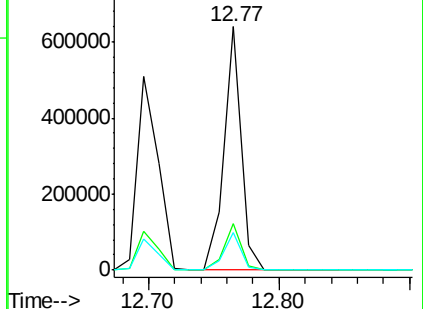
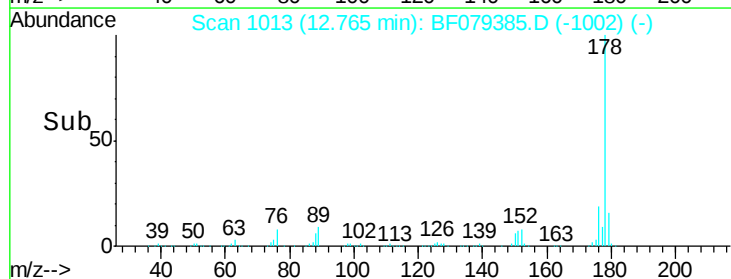
179 15.5 12.6 19.0

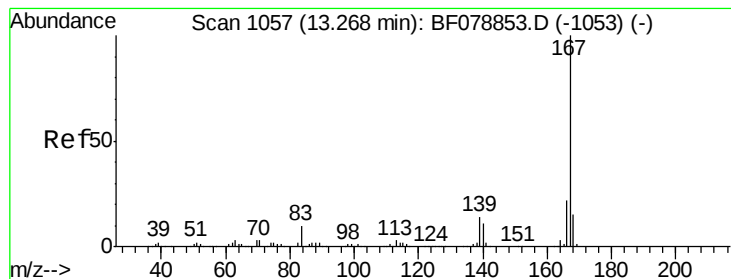


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.93 ng

RT: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

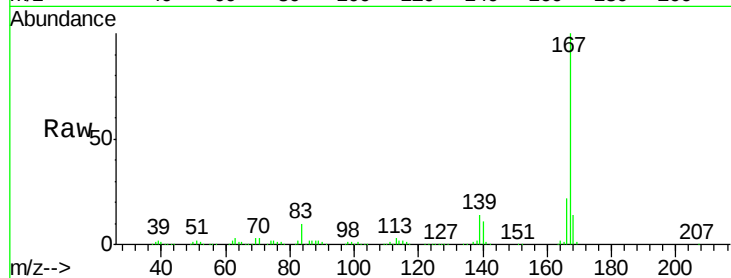
Tgt Ion:167 Resp: 556622

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

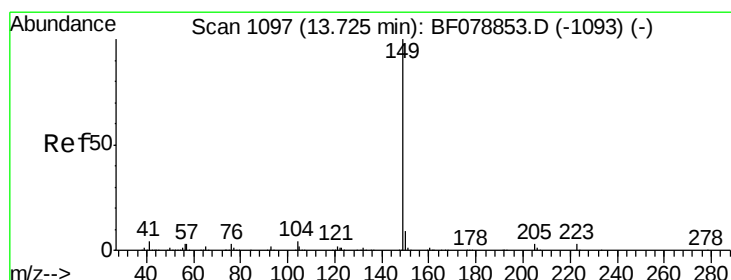
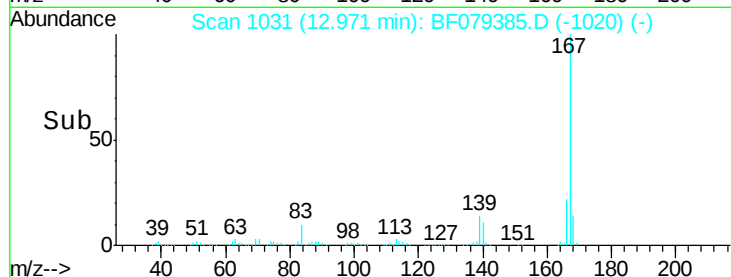
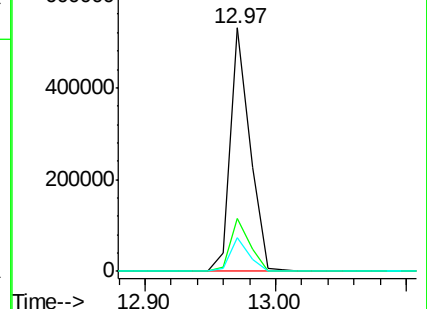
139 14.0 11.0 16.4



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: 37.68 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

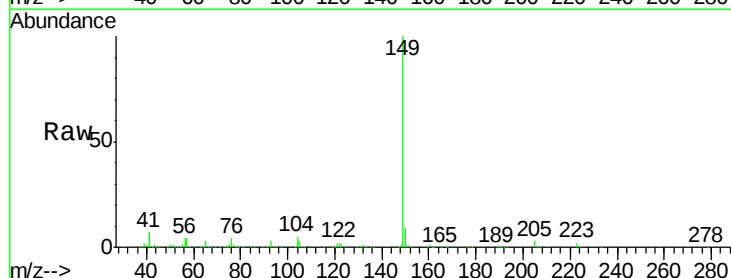
Tgt Ion:149 Resp: 663253

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.4

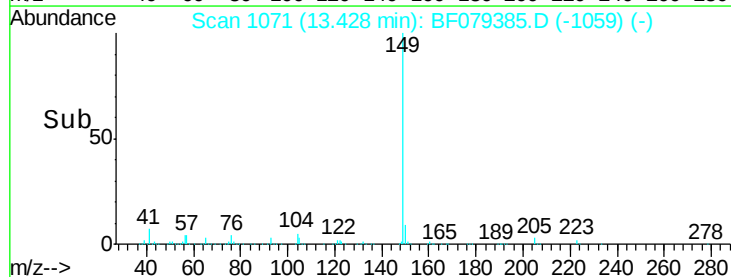
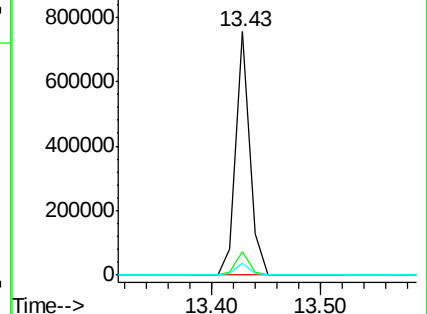
104 4.8 3.3 4.9

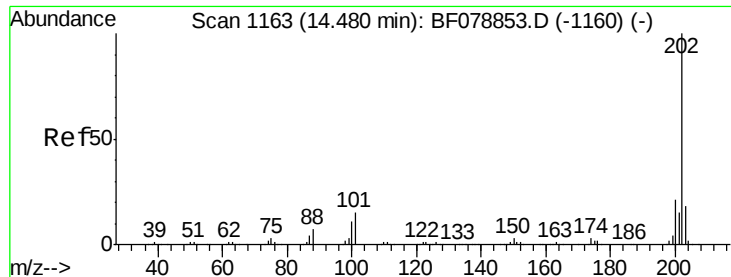


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

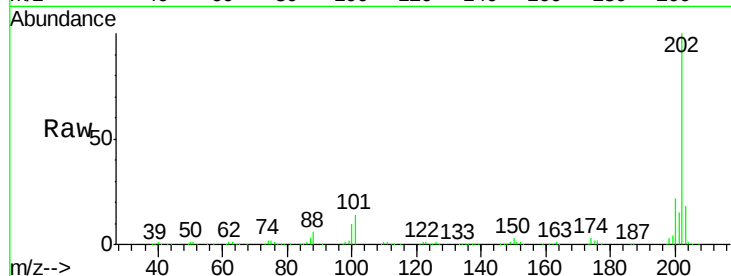




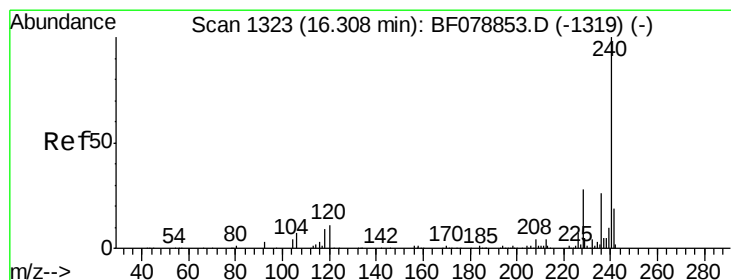
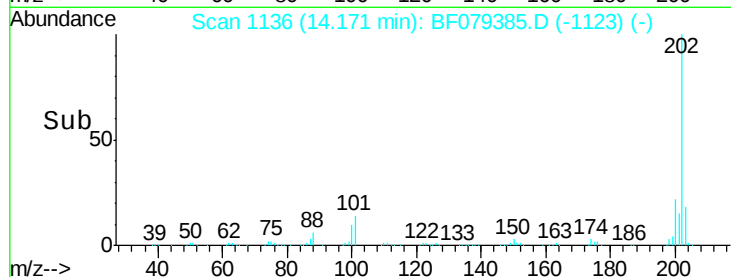
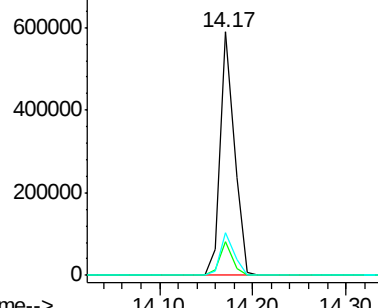
#74
Fluoranthene
Concen: 37.77 ng
RT: 14.17 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

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

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.7
203	17.7	0.0	37.9

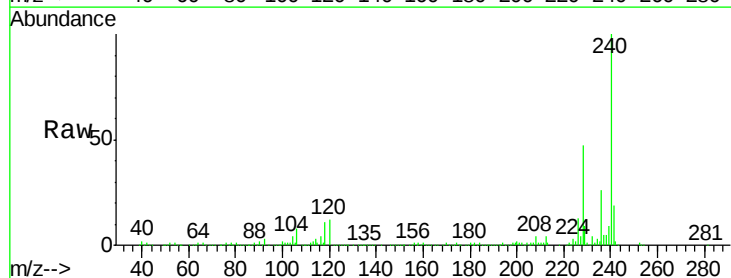


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

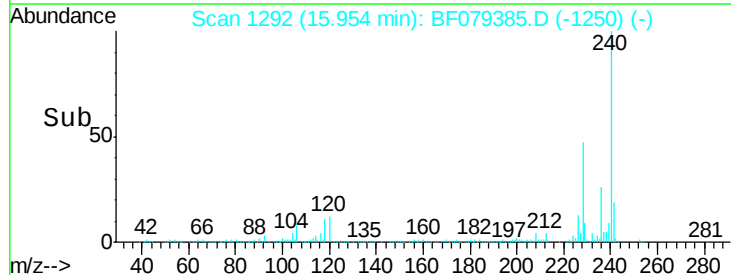
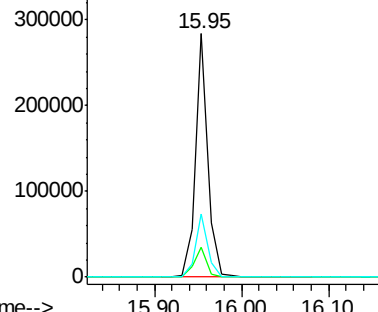


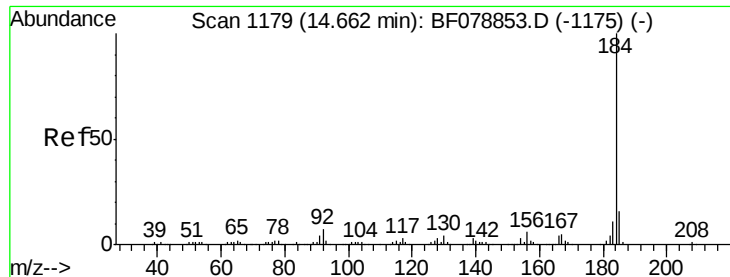
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	12.8
236	26.2	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

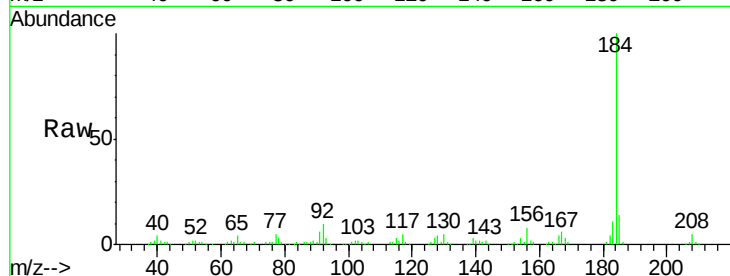




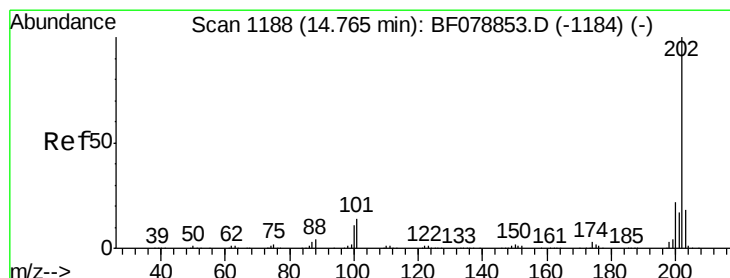
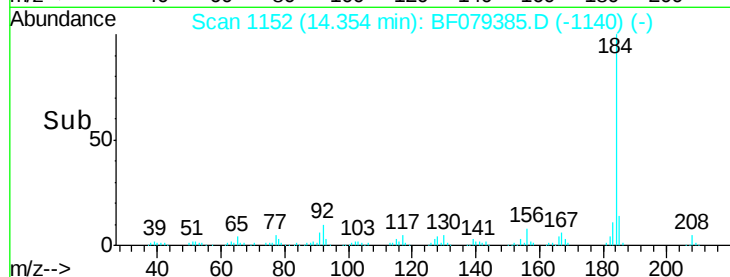
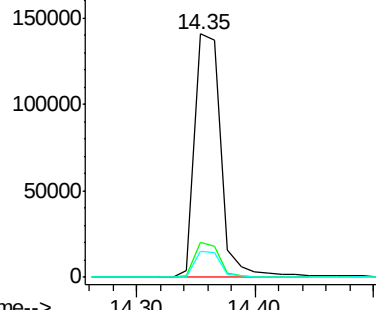
#76
Benzidine
Concen: 28.20 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

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

Tgt Ion:184 Resp: 215258
Ion Ratio Lower Upper
184 100
185 14.4 12.8 19.2
183 10.8 9.0 13.4

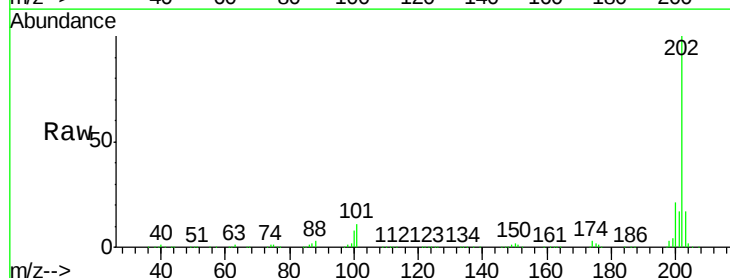


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

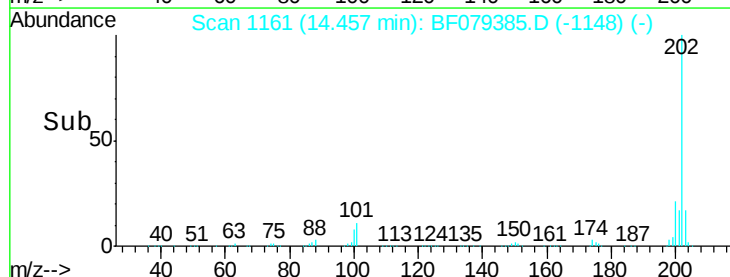
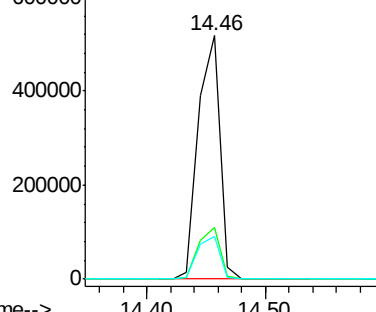


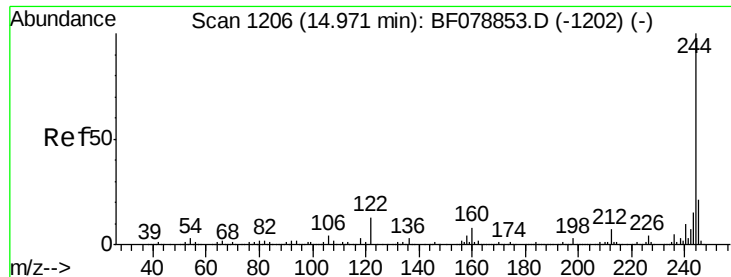
#77
Pyrene
Concen: 40.09 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion:202 Resp: 654227
Ion Ratio Lower Upper
202 100
200 21.2 17.5 26.3
203 17.4 14.7 22.1



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

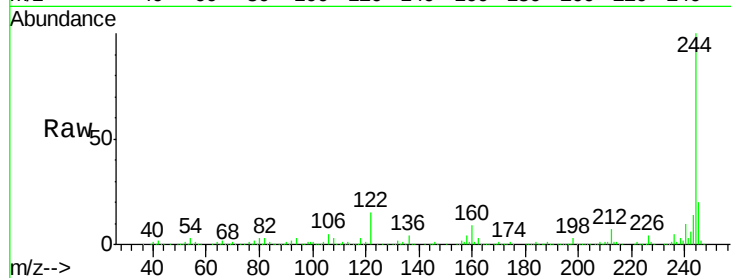




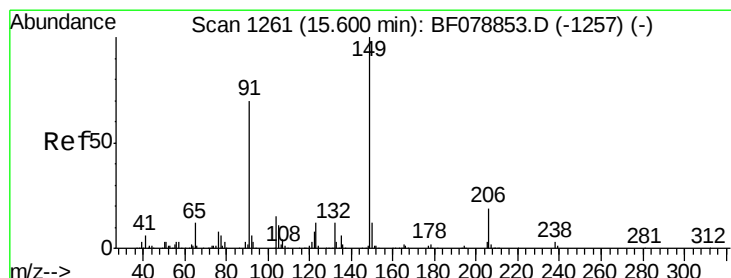
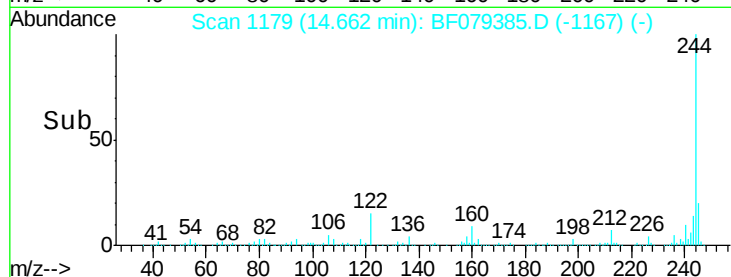
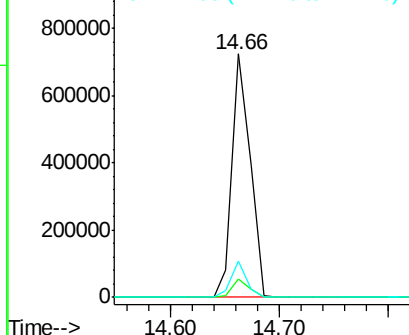
#78
 Terphenyl-d14
 Concen: 70.21 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

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

Tgt Ion: 244 Resp: 830549
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 15.0 10.5 15.7

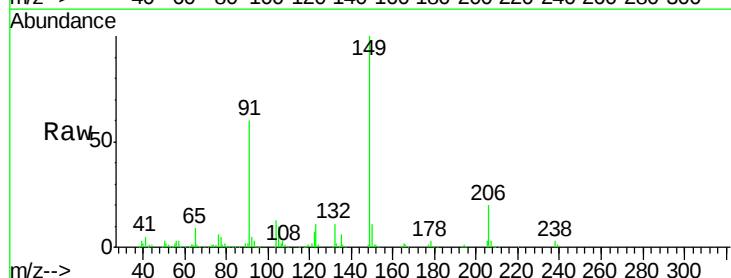


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

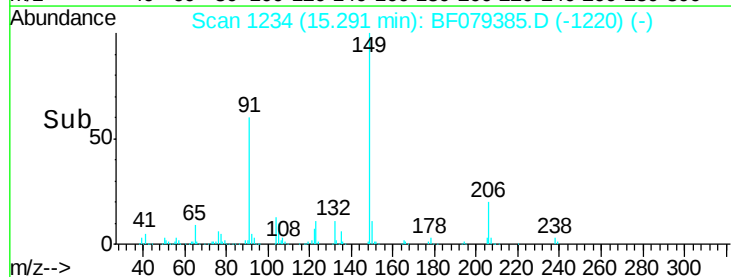
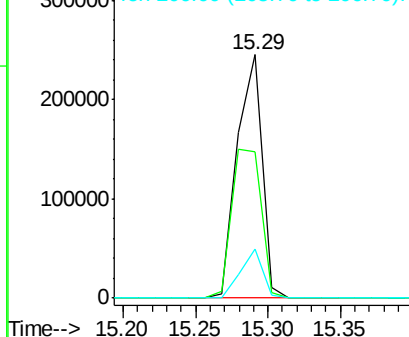


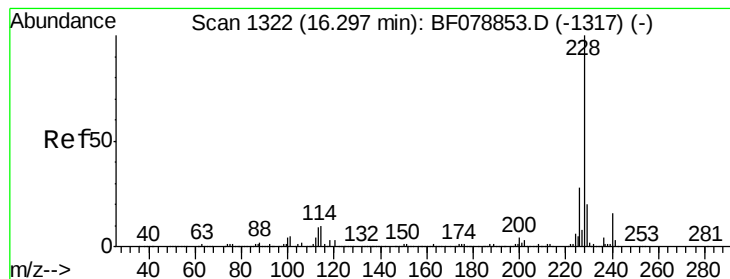
#79
 Butylbenzylphthalate
 Concen: 41.13 ng
 RT: 15.29 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF079385.D
 Acq: 20 May 2015 18:31

Tgt Ion: 149 Resp: 293406
 Ion Ratio Lower Upper
 149 100
 91 59.9 56.2 84.2
 206 20.3 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.90 ng

RT: 15.94 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

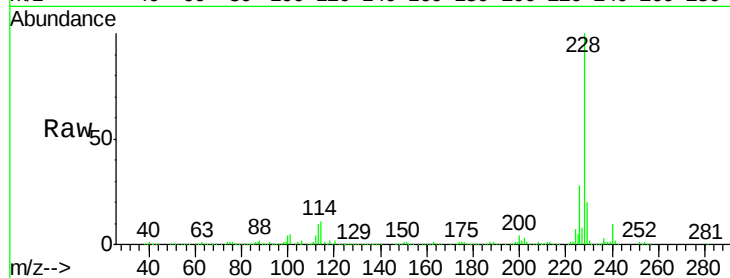
Tgt Ion:228 Resp: 603319

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

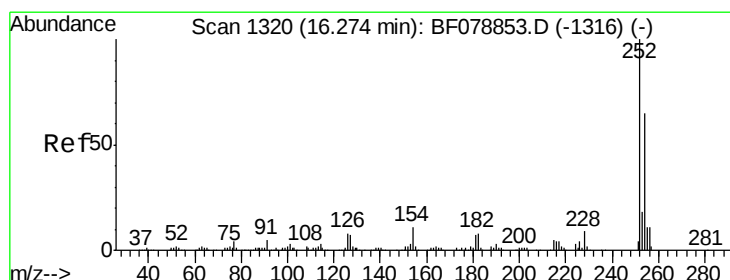
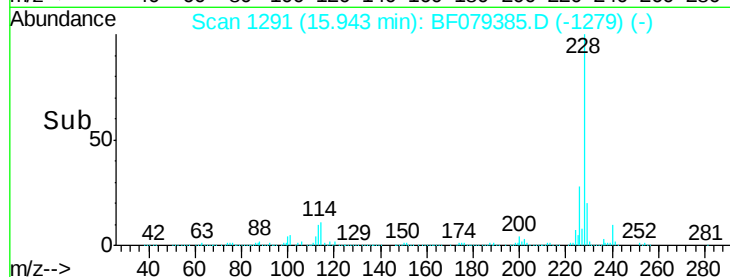
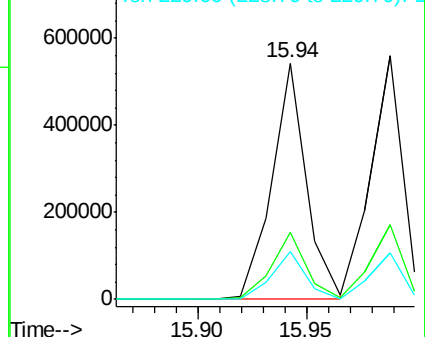
229 20.3 16.1 24.1



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: 29.73 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

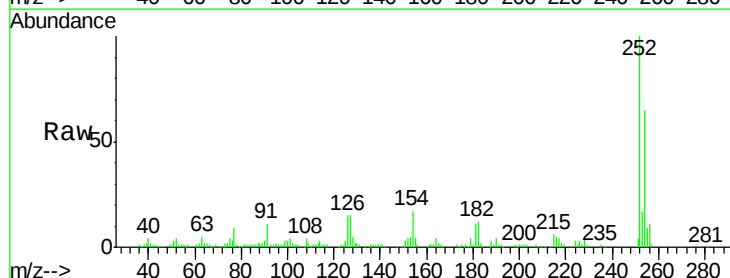
Tgt Ion:252 Resp: 164235

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.2

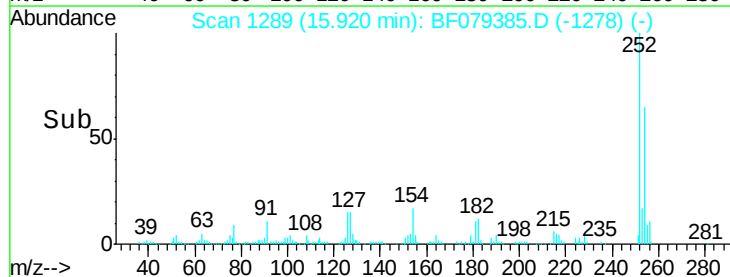
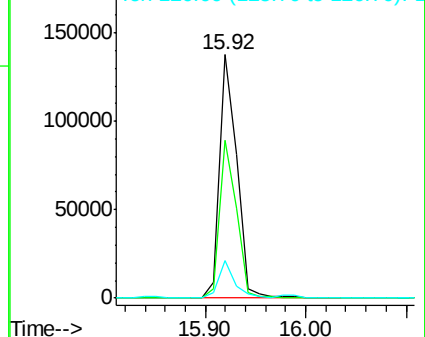
126 15.3 6.6 9.8#

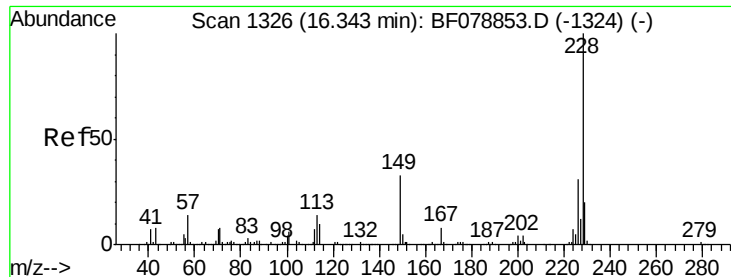


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.64 ng

RT: 15.99 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

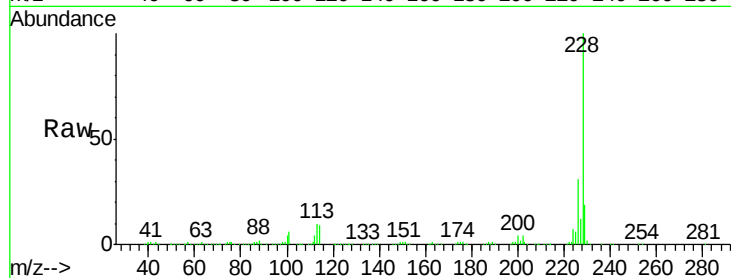
Tgt Ion: 228 Resp: 576338

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

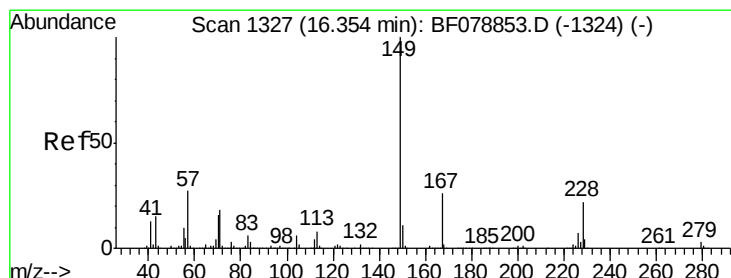
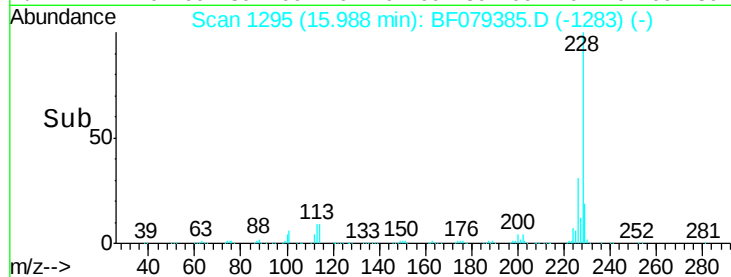
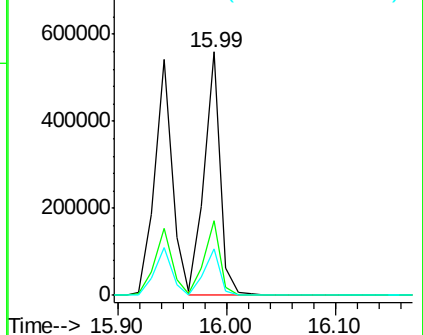
229 19.3 16.1 24.1



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.49 ng

RT: 16.01 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

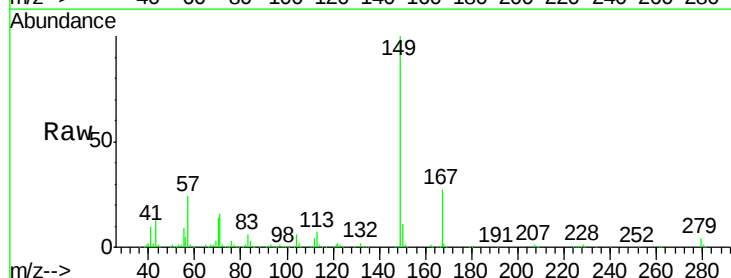
Tgt Ion: 149 Resp: 437464

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

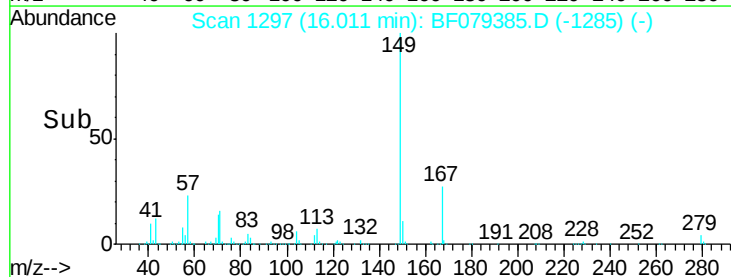
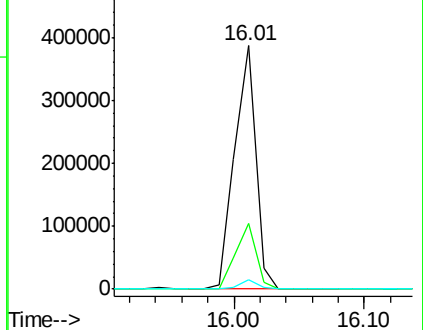
279 3.6 2.6 4.0

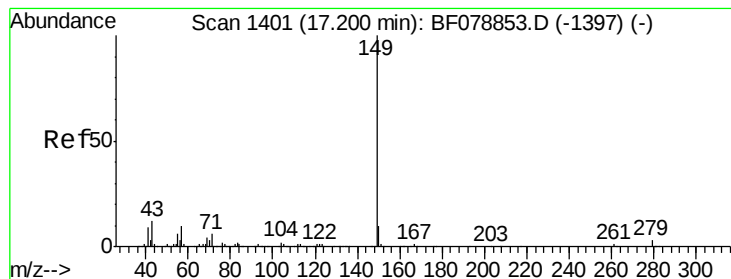


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.73 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.08 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

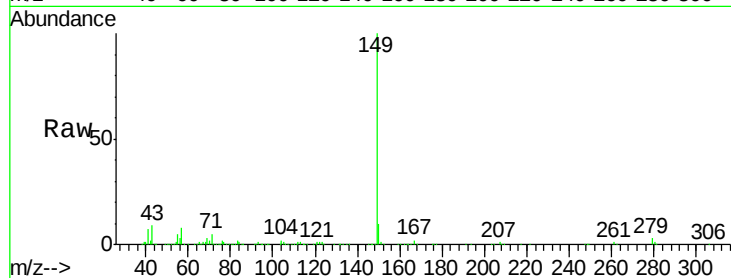
Tgt Ion:149 Resp: 737081

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

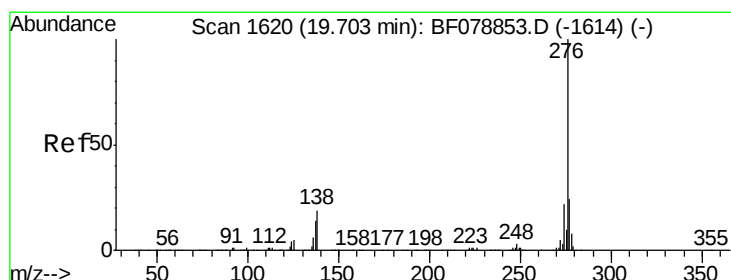
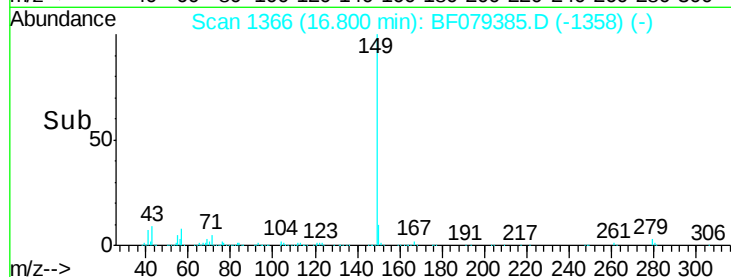
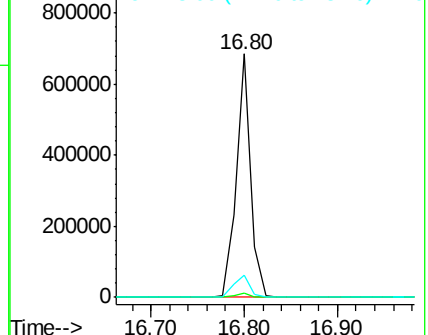
43 10.0 9.0 13.6



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: 36.47 ng

RT: 19.03 min Scan# 1561

Delta R.T. -0.18 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

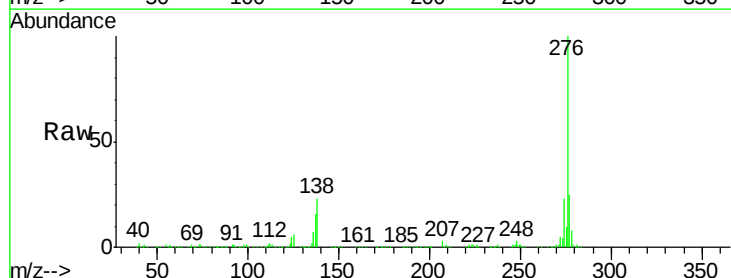
Tgt Ion:276 Resp: 693053

Ion Ratio Lower Upper

276 100

138 25.7 21.1 31.7

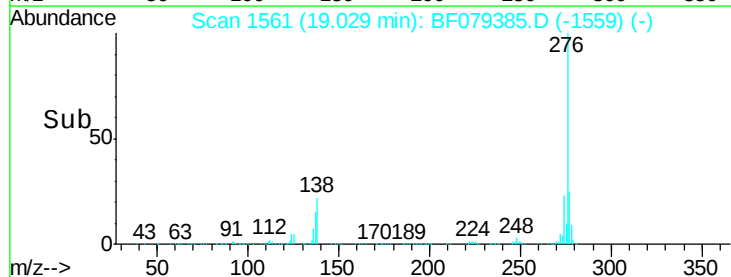
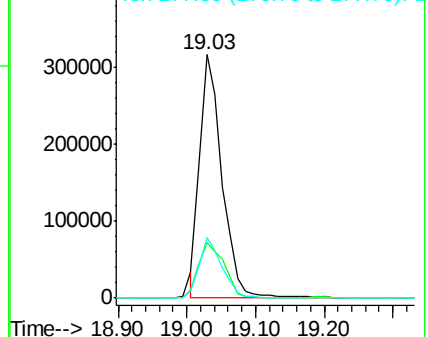
277 25.4 19.9 29.9

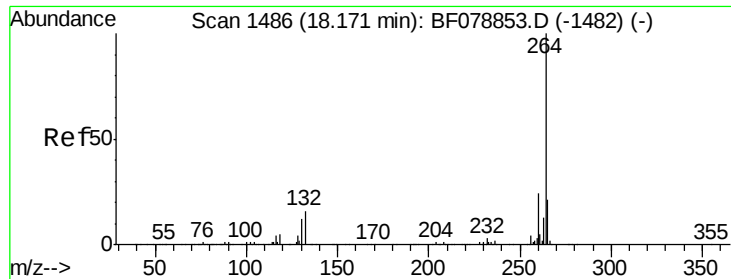


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

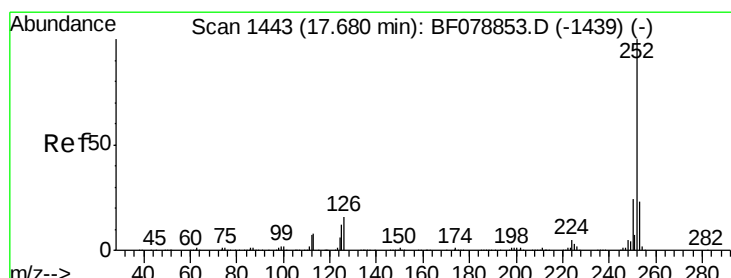
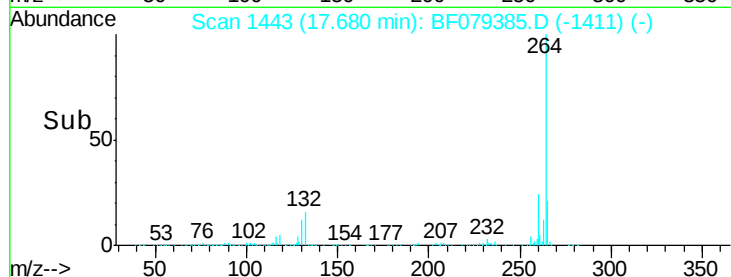
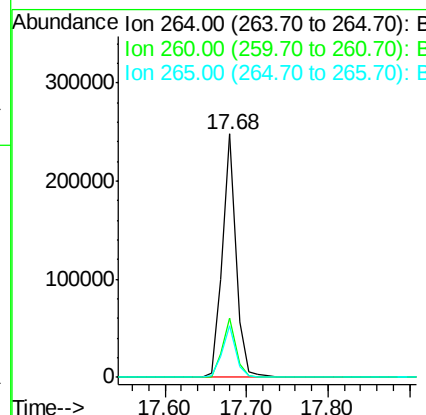
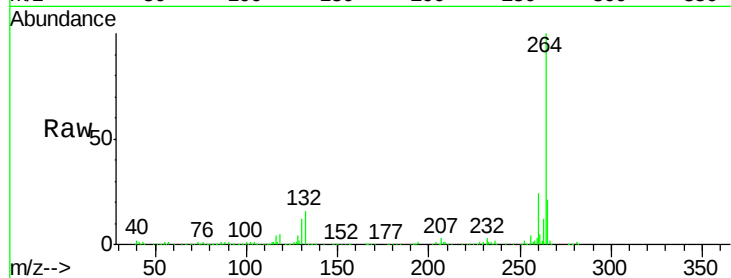




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.14 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

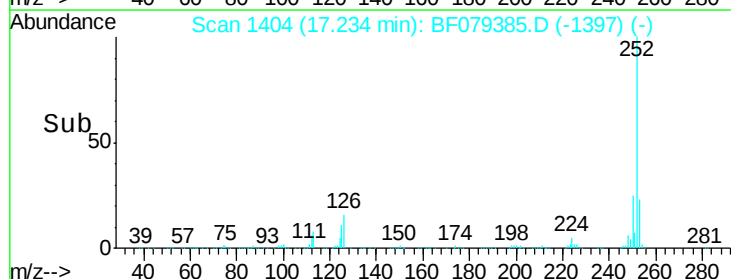
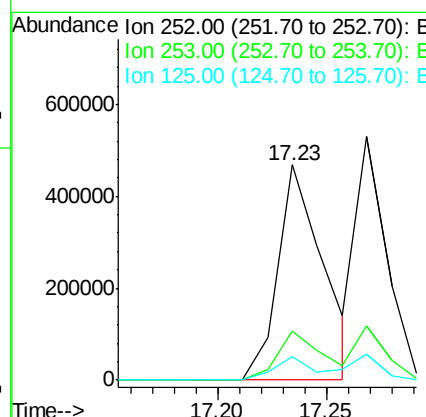
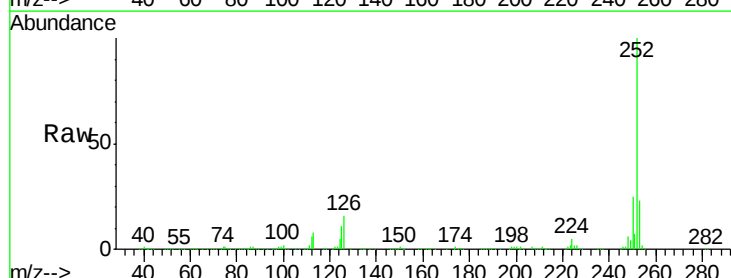
Instrument :
BNA_F
ClientSampleId :
KM-SP-001-150518MSD

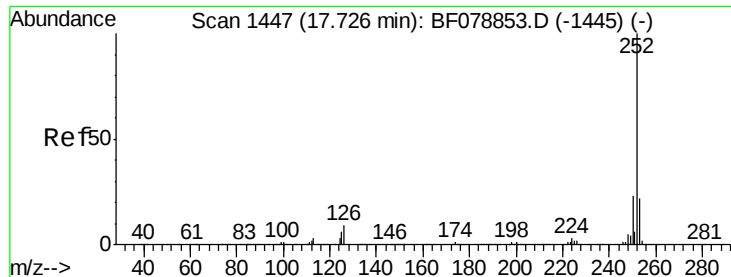
Tgt Ion: 264 Resp: 289249
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 43.15 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.10 min
Lab File: BF079385.D
Acq: 20 May 2015 18:31

Tgt Ion: 252 Resp: 683154
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.2 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 44.57 ng

RT: 17.23 min Scan# 1404

Delta R.T. -0.14 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

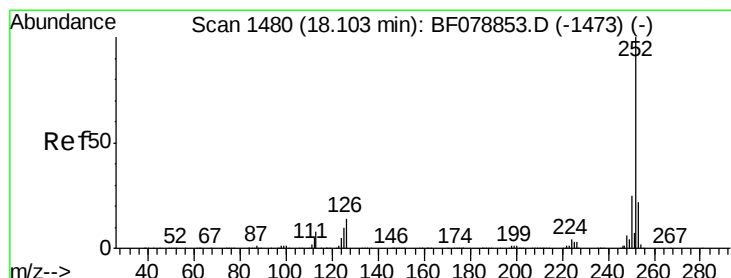
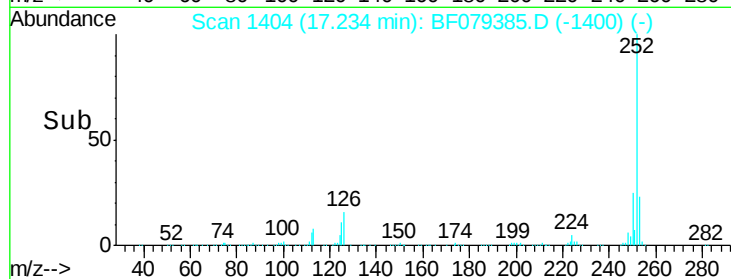
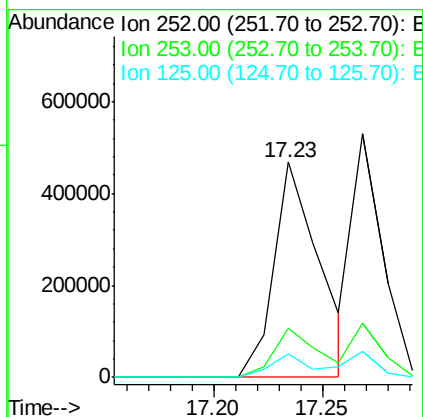
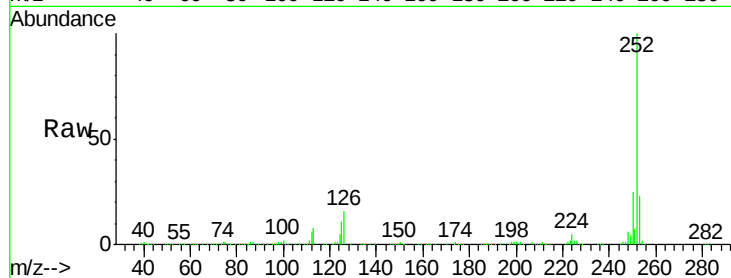
Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

Tgt Ion:	252	Resp:	683154
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	11.2	6.1	9.1#



#89

Benzo(a)pyrene

Concen: 39.86 ng

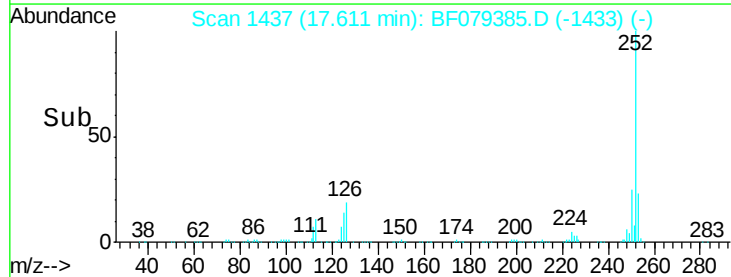
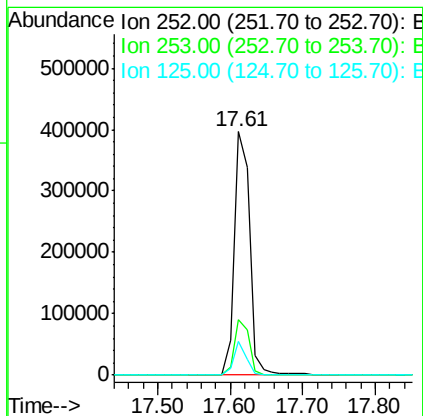
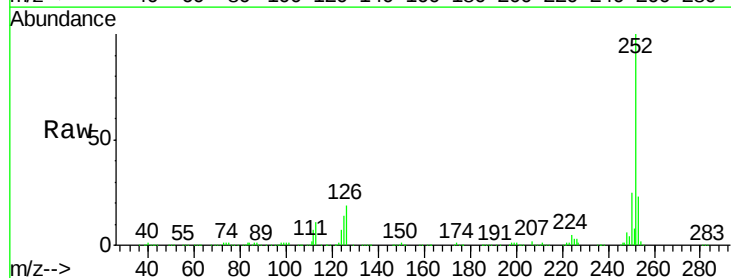
RT: 17.61 min Scan# 1437

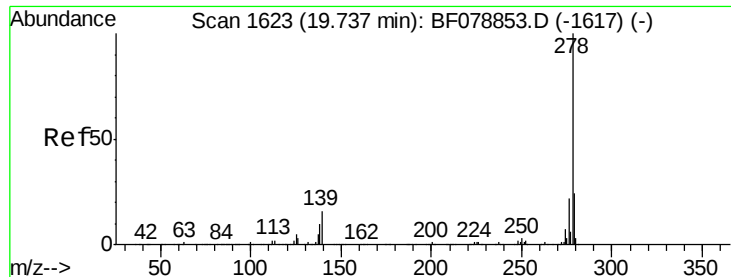
Delta R.T. -0.14 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Tgt Ion:	252	Resp:	581077
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	14.1	8.2	12.2#





#90

Dibenzo(a,h)anthracene

Concen: 39.00 ng

RT: 19.05 min Scan# 1563

Delta R.T. -0.18 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

Instrument :

BNA_F

ClientSampleId :

KM-SP-001-150518MSD

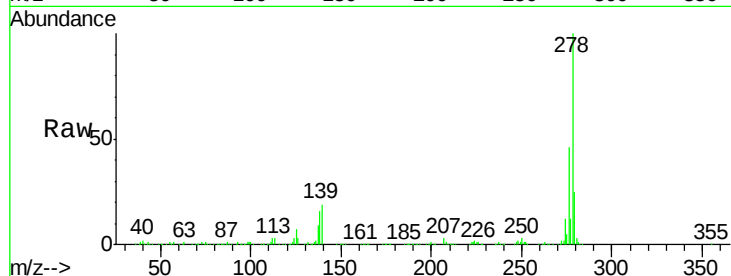
Tgt Ion:278 Resp: 604222

Ion Ratio Lower Upper

278 100

139 19.1 13.1 19.7

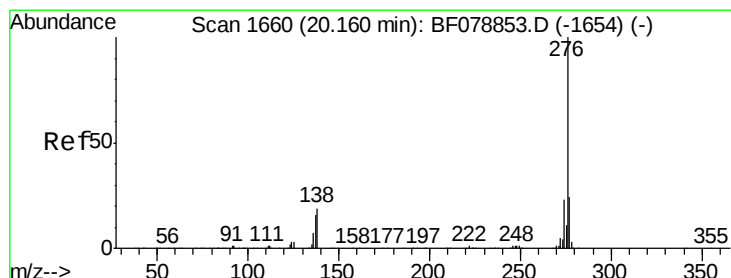
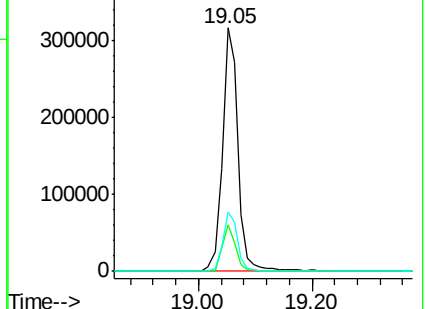
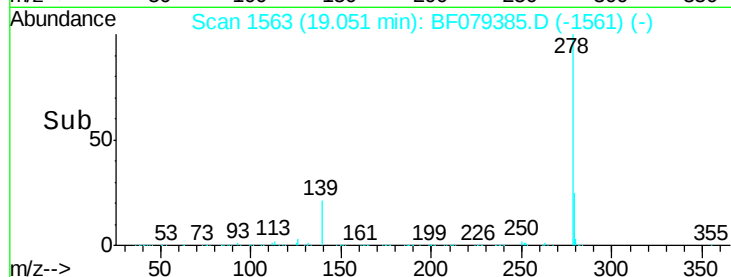
279 24.5 19.1 28.7



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: 38.63 ng

RT: 19.43 min Scan# 1596

Delta R.T. -0.18 min

Lab File: BF079385.D

Acq: 20 May 2015 18:31

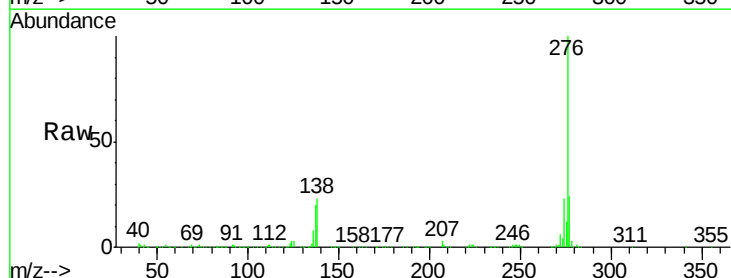
Tgt Ion:276 Resp: 599853

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 23.3 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

