

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079072.D
 Acq On : 9 May 2015 9:29
 Operator : TP/IZ
 Sample : G2151-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Quant Time: May 11 01:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71008	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	293115	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	148776	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	274195	20.00	ng	0.00
75) Chrysene-d12	16.22	240	262085	20.00	ng	0.00
86) Perylene-d12	17.97	264	260103	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	636109	154.20	ng	0.01
7) Phenol-d6	6.89	99	836439	153.40	ng	0.01
23) Nitrobenzene-d5	8.01	82	462212	90.63	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	239000	148.50	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	912253	85.43	ng	0.00
78) Terphenyl-d14	14.91	244	1013364	92.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	71902	40.09	ng	# 27
3) Pyridine	3.15	79	205091	39.07	ng	99
4) n-Nitrosodimethylamine	2.96	42	90054	40.04	ng	85
6) Aniline	6.91	93	166719	21.66	ng	# 13
8) 2-Chlorophenol	7.05	128	229261	49.00	ng	92
9) Benzaldehyde	6.76	77	145648	39.65	ng	90
10) Phenol	6.91	94	325341	51.43	ng	86
11) bis(2-Chloroethyl)ether	7.00	93	217374	46.88	ng	99
12) 1,3-Dichlorobenzene	7.24	146	242216	46.06	ng	# 94
13) 1,4-Dichlorobenzene	7.35	146	243457	44.99	ng	95
14) 1,2-Dichlorobenzene	7.53	146	228837	45.42	ng	96
15) Benzyl Alcohol	7.51	79	195781	48.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.68	45	335354	47.27	ng	99
17) 2-Methylphenol	7.66	107	188482	50.06	ng	96
18) Hexachloroethane	7.94	117	85085	45.64	ng	89
19) n-Nitroso-di-n-propylamine	7.84	70	174151	47.29	ng	# 82
20) 3+4-Methylphenols	7.84	107	256403	51.11	ng	# 46
22) Acetophenone	7.83	105	343084	51.81	ng	# 93
24) Nitrobenzene	8.03	77	235887	46.66	ng	97
25) Isophorone	8.33	82	441709	46.72	ng	99
26) 2-Nitrophenol	8.43	139	116650	55.75	ng	96
27) 2,4-Dimethylphenol	8.49	122	218907	52.28	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	279550	47.96	ng	99
29) 2,4-Dichlorophenol	8.73	162	201401	54.09	ng	95
30) 1,2,4-Trichlorobenzene	8.83	180	192970	47.18	ng	98
31) Naphthalene	8.92	128	689603	49.37	ng	99
32) Benzoic acid	8.60	122	135247	51.10	ng	98
33) 4-Chloroaniline	8.99	127	92657	15.68	ng	99
34) Hexachlorobutadiene	9.07	225	102937	43.70	ng	97
35) Caprolactam	9.43	113	61376	50.98	ng	97
36) 4-Chloro-3-methylphenol	9.60	107	206205	52.73	ng	97
37) 2-Methylnaphthalene	9.78	142	469615	48.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	186403	44.49	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	168350	79.90	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	139230	48.33	ng	95
43) 2,4,5-Trichlorophenol	10.18	196	144632	49.66	ng #	87
45) 1,1'-Biphenyl	10.37	154	558055	47.18	ng	98
46) 2-Chloronaphthalene	10.39	162	433090	46.94	ng	96
47) 2-Nitroaniline	10.51	65	129190	48.33	ng	95
48) Acenaphthylene	10.90	152	705269	46.56	ng	99
49) Dimethylphthalate	10.75	163	571571	52.35	ng	100
50) 2,6-Dinitrotoluene	10.82	165	103944	48.24	ng	96
51) Acenaphthene	11.12	154	408710	45.25	ng	97
52) 3-Nitroaniline	11.03	138	60986	22.66	ng #	96
53) 2,4-Dinitrophenol	11.17	184	84183	86.79	ng #	76
54) Dibenzofuran	11.33	168	618556	47.41	ng	96
55) 4-Nitrophenol	11.25	139	220022	103.27	ng	95
56) 2,4-Dinitrotoluene	11.33	165	148912	52.27	ng #	73
57) Fluorene	11.76	166	504242	47.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	115588	48.57	ng #	100
59) Diethylphthalate	11.63	149	511239	47.26	ng	98
60) 4-Chlorophenyl-phenylether	11.76	204	219486	46.20	ng	91
61) 4-Nitroaniline	11.78	138	111590	41.44	ng	94
62) Azobenzene	11.95	77	520627	48.84	ng	94
64) 4,6-Dinitro-2-methylphenol	11.83	198	59281	50.68	ng #	61
65) n-Nitrosodiphenylamine	11.91	169	428688	46.95	ng	99
66) 4-Bromophenyl-phenylether	12.37	248	134926	47.21	ng #	87
67) Hexachlorobenzene	12.43	284	159768	48.91	ng #	82
68) Atrazine	12.58	200	133532	50.29	ng	97
69) Pentachlorophenol	12.69	266	159788	83.30	ng	98
70) Phenanthrene	12.95	178	716945	46.74	ng	99
71) Anthracene	13.02	178	746156	49.58	ng	99
72) Carbazole	13.22	167	709446	49.46	ng	98
73) Di-n-butylphthalate	13.67	149	858783	49.93	ng #	97
74) Fluoranthene	14.42	202	765363	47.88	ng	99
76) Benzidine	14.61	184	252093	35.69	ng	99
77) Pyrene	14.71	202	786106	52.05	ng	99
79) Butylbenzylphthalate	15.53	149	366156	55.46	ng	91
80) Benzo(a)anthracene	16.21	228	714411	49.78	ng	99
81) 3,3'-Dichlorobenzidine	16.18	252	209027	40.89	ng	99
82) Chrysene	16.25	228	647143	46.88	ng	100
83) Bis(2-ethylhexyl)phthalate	16.25	149	524719	52.48	ng #	99
84) Di-n-octyl phthalate	17.05	149	927756	52.68	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.45	276	816846	46.44	ng #	100
87) Benzo(b)fluoranthene	17.51	252	759625	53.36	ng	100
88) Benzo(k)fluoranthene	17.54	252	603940	43.82	ng	99
89) Benzo(a)pyrene	17.90	252	661244	50.44	ng #	97
90) Dibenzo(a,h)anthracene	19.47	278	651719	46.78	ng	97
91) Benzo(g,h,i)perylene	19.90	276	661458	47.37	ng	99

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

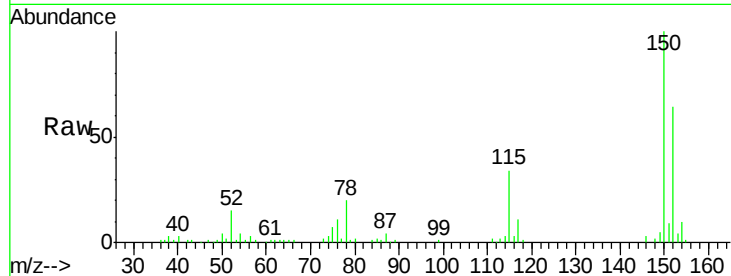


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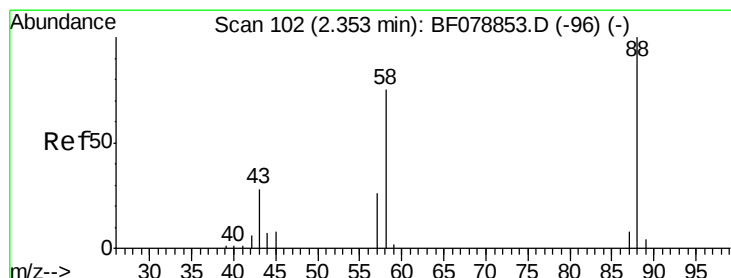
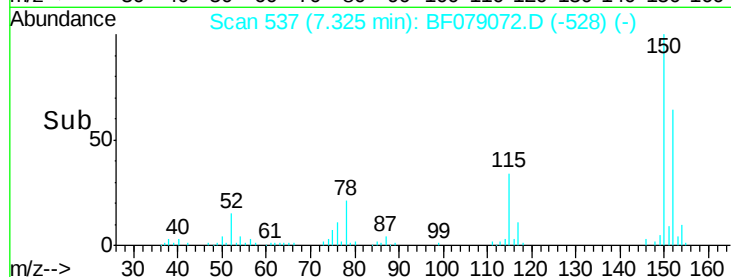
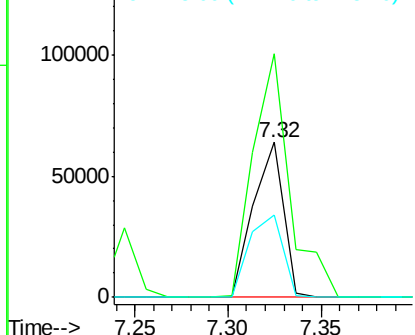
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:152 Resp: 71008
Ion Ratio Lower Upper
152 100
150 156.9 122.0 183.0
115 53.0 46.3 69.5



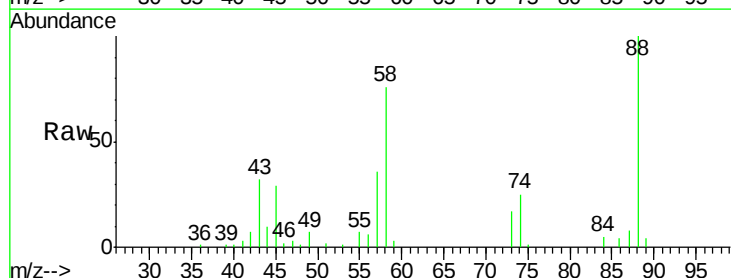
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



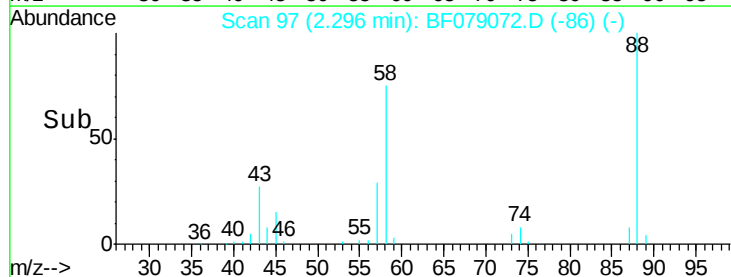
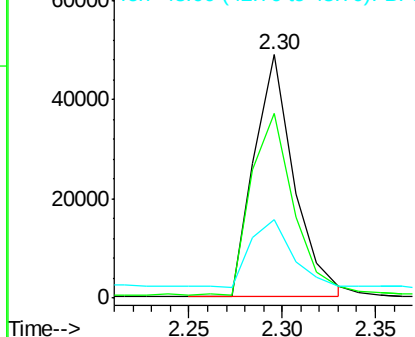
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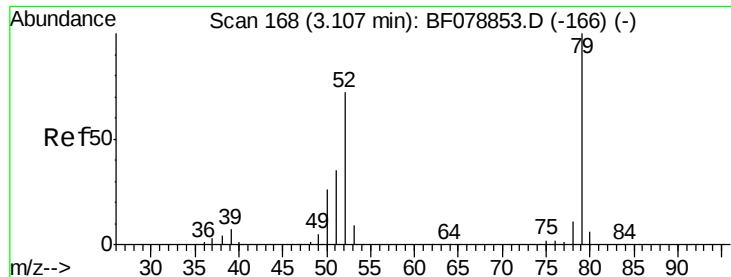
1,4-Dioxane
Concen: 40.09 ng
RT: 2.30 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion: 88 Resp: 71902
Ion Ratio Lower Upper
88 100
58 80.5 0.0 0.0#
43 28.2 3.3 4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.07 ng

RT: 3.15 min Scan# 172

Delta R.T. 0.14 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

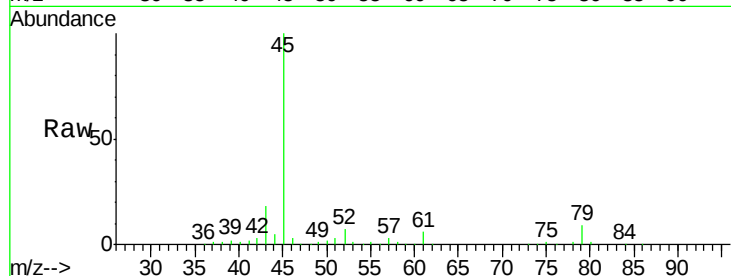
Tgt Ion: 79 Resp: 205091

Ion Ratio Lower Upper

79 100

52 72.9 57.2 85.8

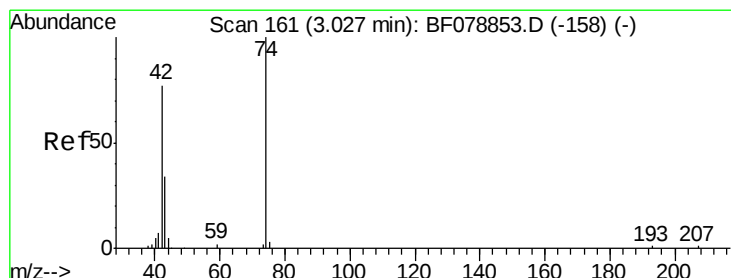
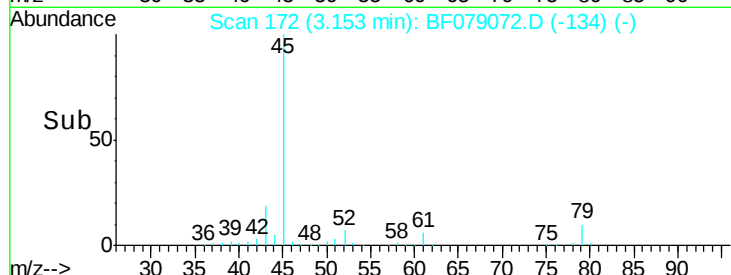
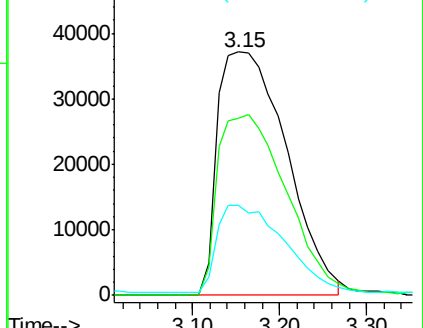
51 36.7 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.04 ng

RT: 2.96 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

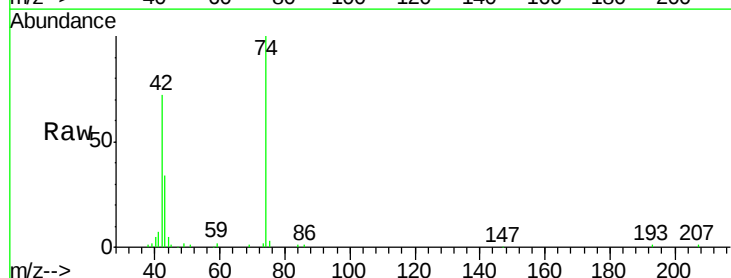
Tgt Ion: 42 Resp: 90054

Ion Ratio Lower Upper

42 100

74 138.2 96.5 144.7

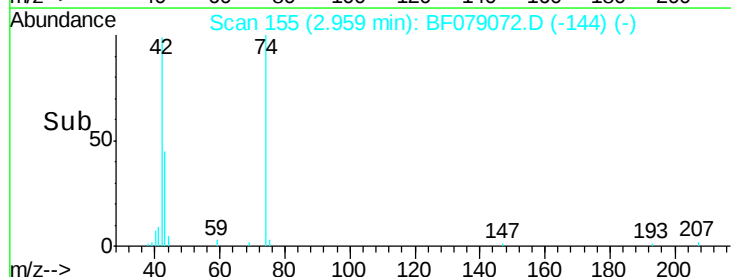
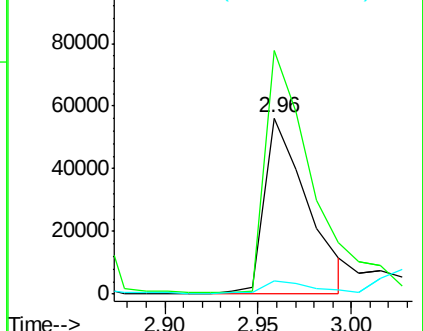
44 7.4 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 154.20 ng

RT: 5.63 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

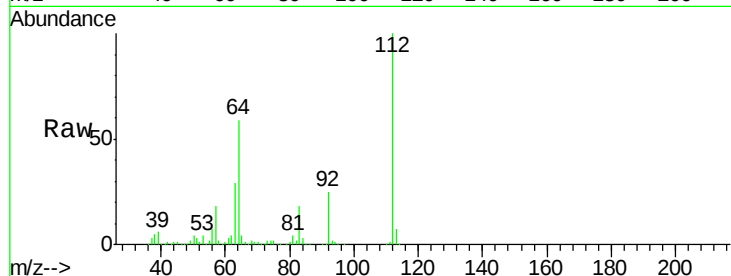
Tgt Ion: 112 Resp: 636109

Ion Ratio Lower Upper

112 100

64 58.9 53.5 80.3

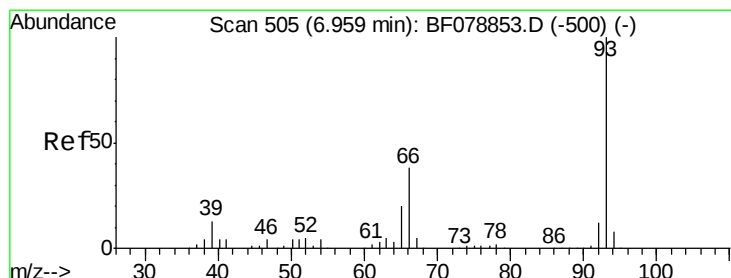
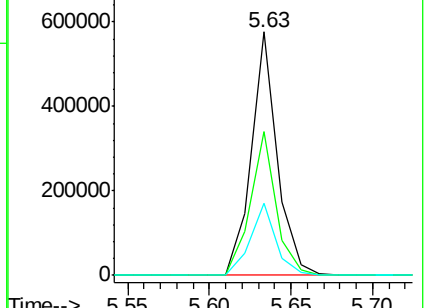
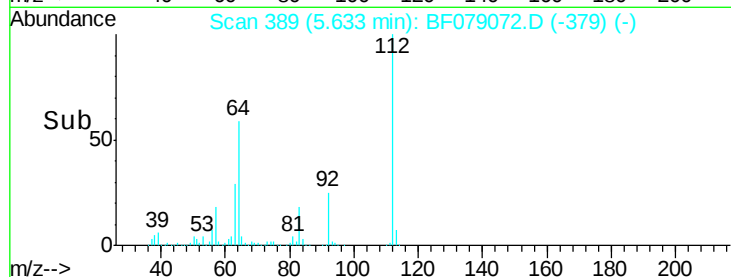
63 29.4 27.5 41.3



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: 21.66 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

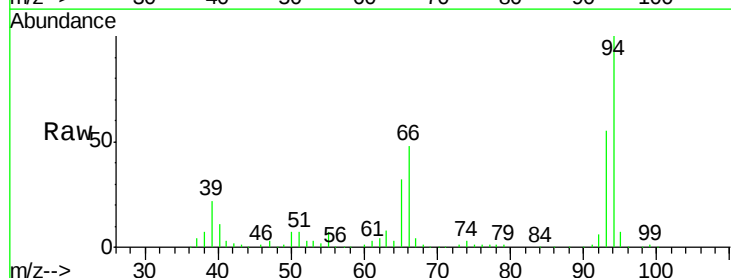
Tgt Ion: 93 Resp: 166719

Ion Ratio Lower Upper

93 100

66 88.3 29.7 44.5#

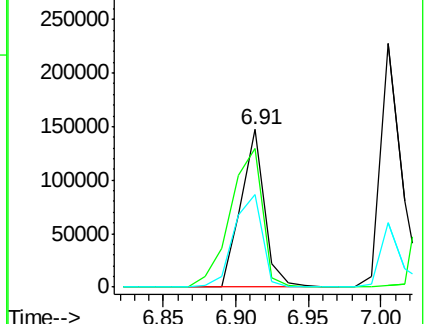
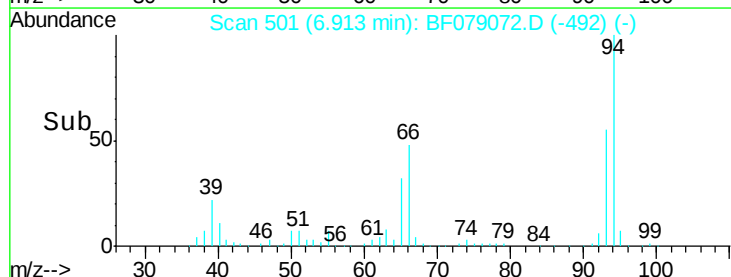
65 58.6 14.6 22.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.40 ng

RT: 6.89 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

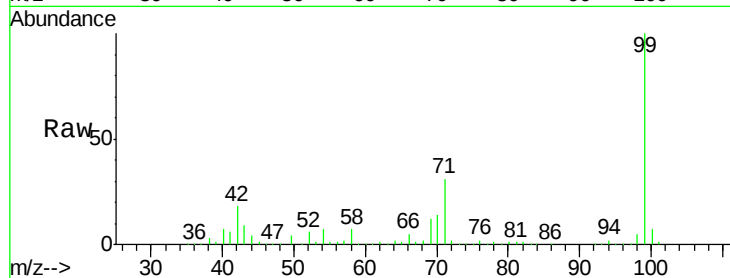
Tgt Ion: 99 Resp: 836439

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

71 31.5 23.4 35.2

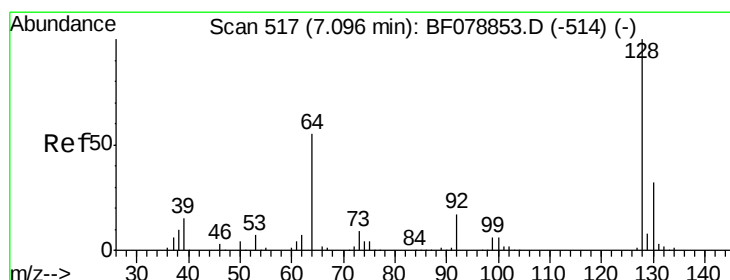
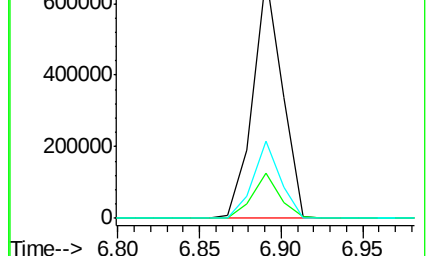
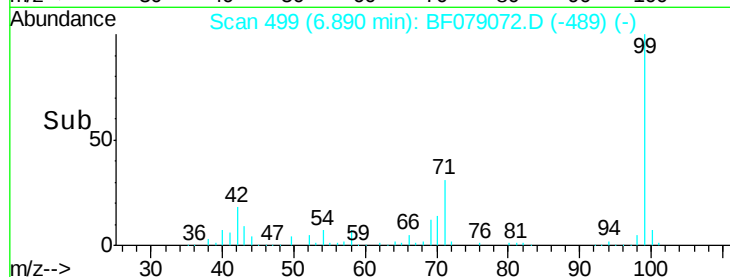


Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)

Time-->



#8

2-Chlorophenol

Concen: 49.00 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

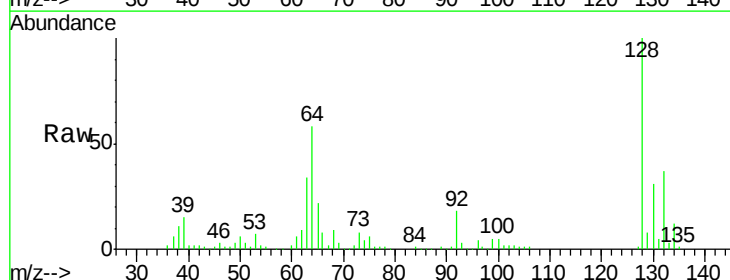
Tgt Ion: 128 Resp: 229261

Ion Ratio Lower Upper

128 100

130 30.8 12.1 52.1

64 57.7 29.6 69.6

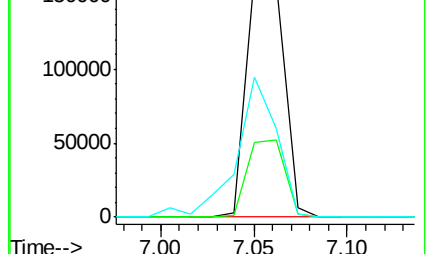
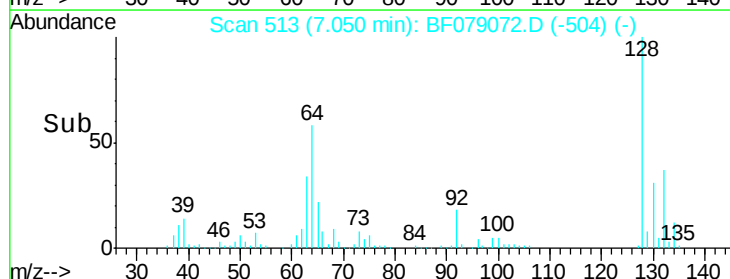


Abundance Ion 128.00 (127.70 to 128.70): BF078853.D (-514) (-)

Ion 130.00 (129.70 to 130.70): BF078853.D (-514) (-)

Ion 64.00 (63.70 to 64.70): BF078853.D (-514) (-)

Time-->





#9

Benzaldehyde

Concen: 39.65 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

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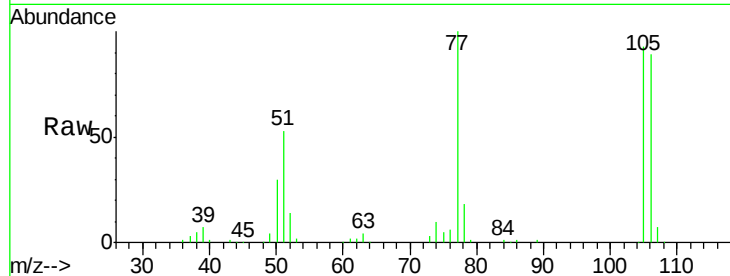
Tgt Ion: 77 Resp: 145648

Ion Ratio Lower Upper

77 100

105 92.6 81.7 121.7

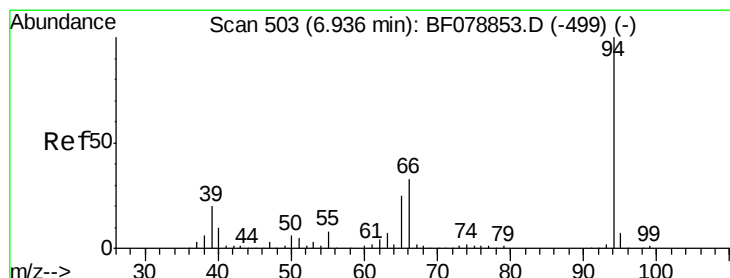
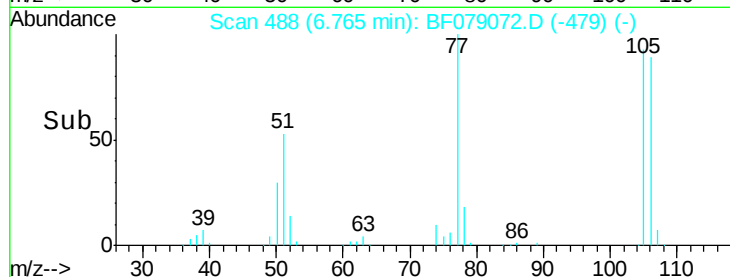
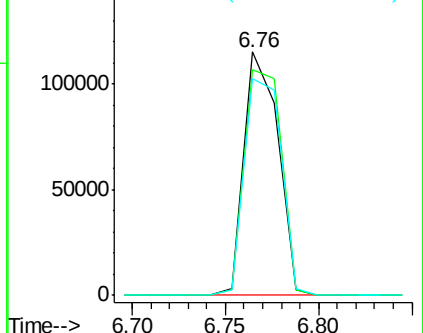
106 88.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.43 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.02 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

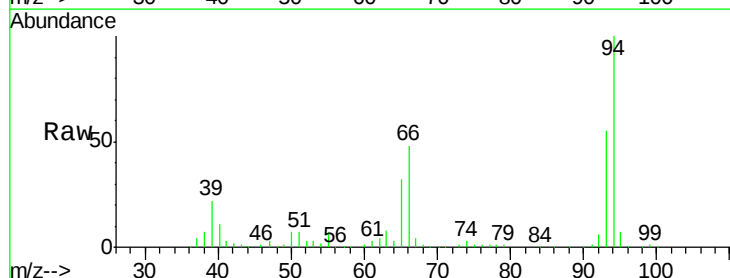
Tgt Ion: 94 Resp: 325341

Ion Ratio Lower Upper

94 100

65 32.0 8.5 48.5

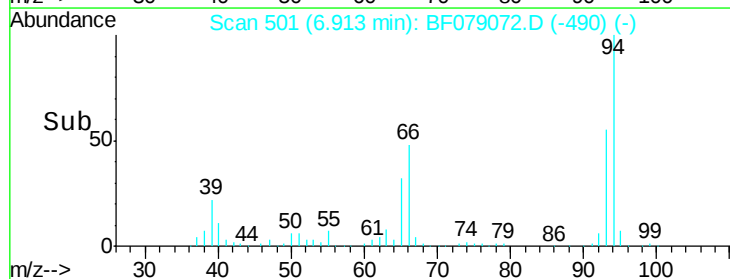
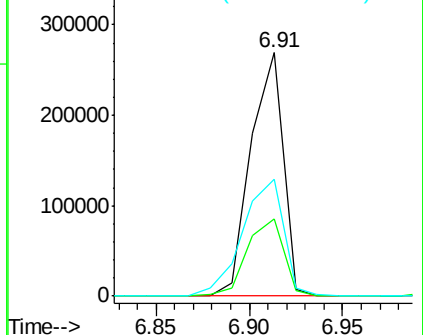
66 48.2 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

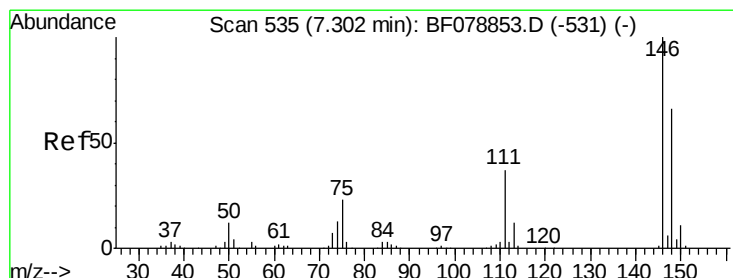
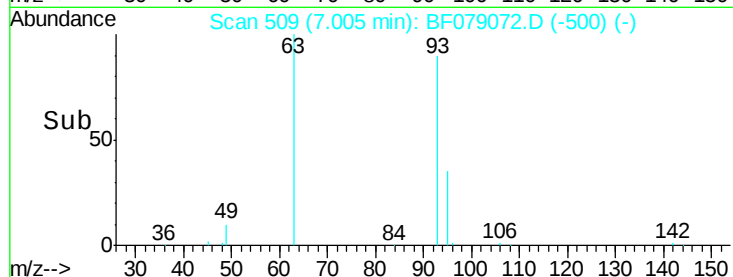
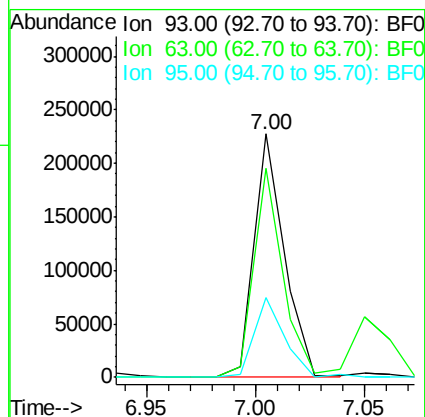
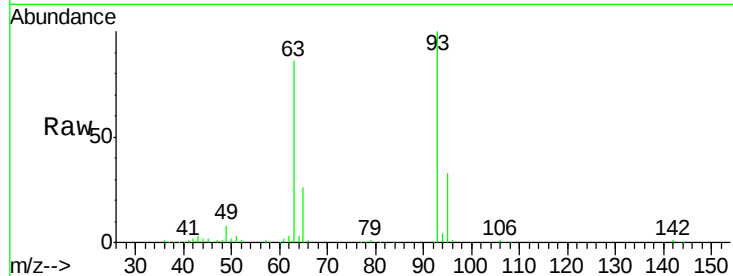




#11
bis(2-Chloroethyl)ether
Concen: 46.88 ng
RT: 7.00 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

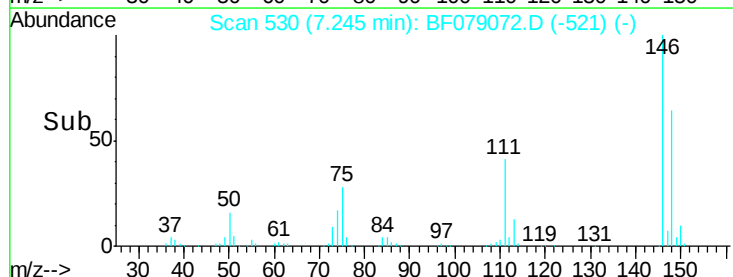
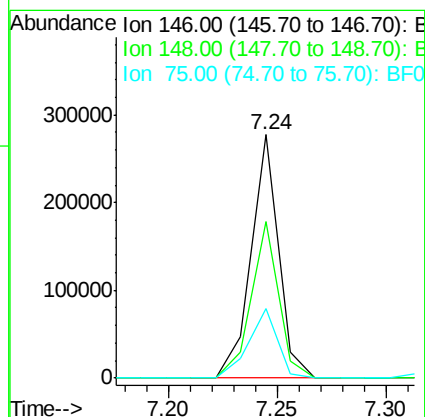
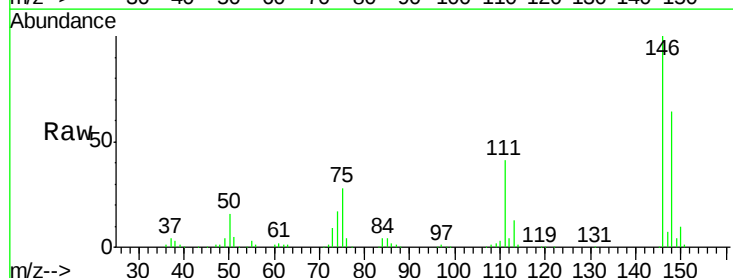
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

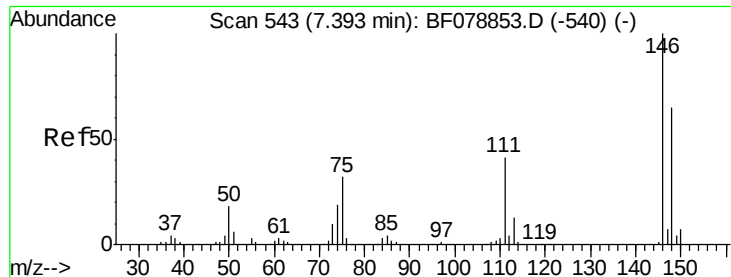
Tgt Ion: 93 Resp: 217374
Ion Ratio Lower Upper
93 100
63 85.7 64.8 104.8
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.06 ng
RT: 7.24 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion: 146 Resp: 242216
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
75 28.5 29.2 43.8#

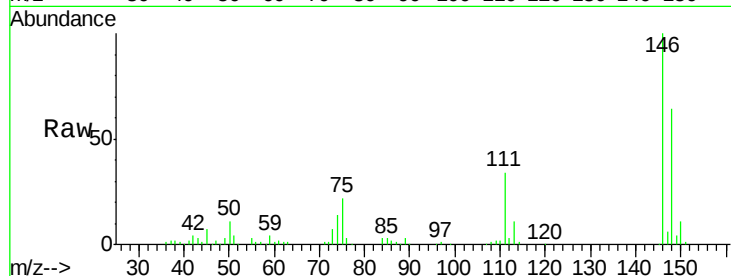




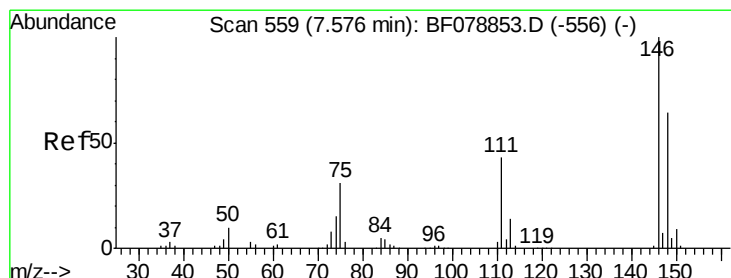
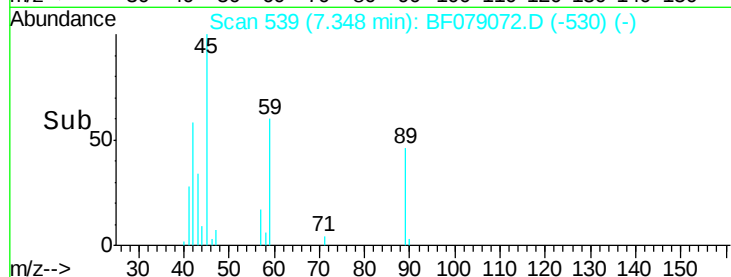
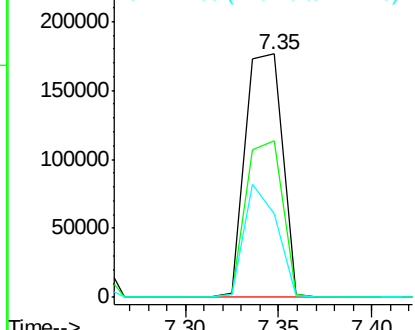
#13
 1,4-Dichlorobenzene
 Concen: 44.99 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:146 Resp: 243457
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 34.2 31.7 47.5

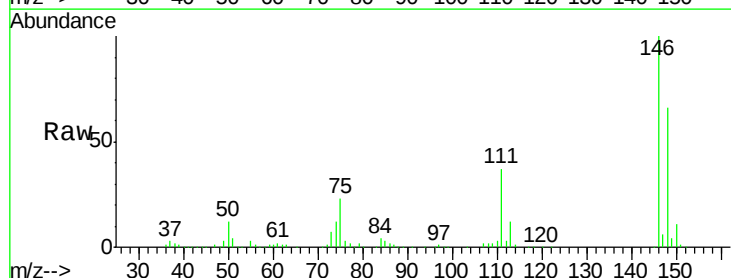


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

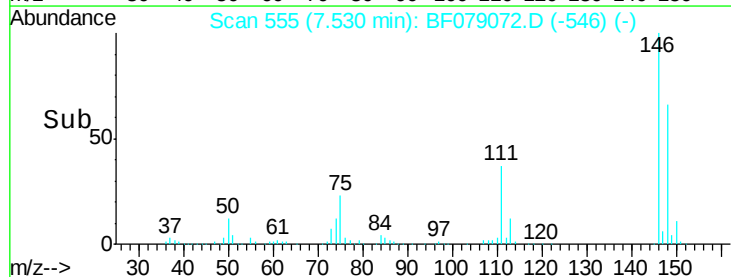
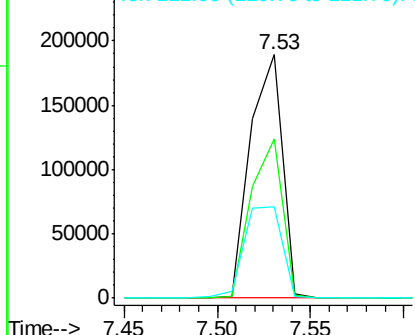


#14
 1,2-Dichlorobenzene
 Concen: 45.42 ng
 RT: 7.53 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:146 Resp: 228837
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.2 76.8
 111 37.5 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 48.37 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

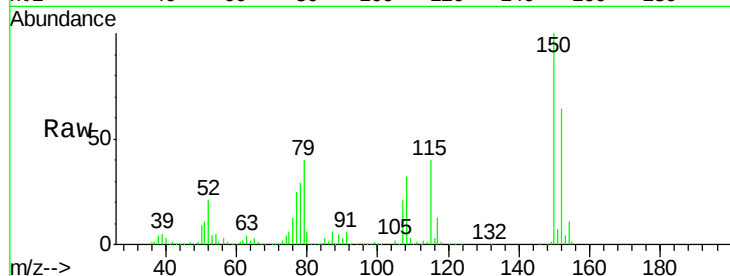
Tgt Ion: 79 Resp: 195781

Ion Ratio Lower Upper

79 100

108 79.6 62.5 93.7

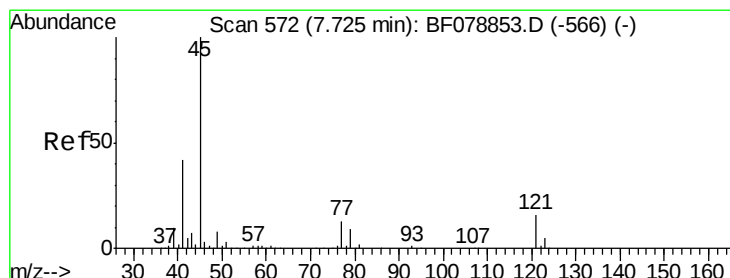
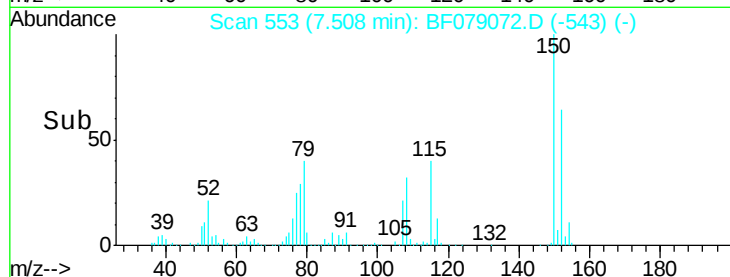
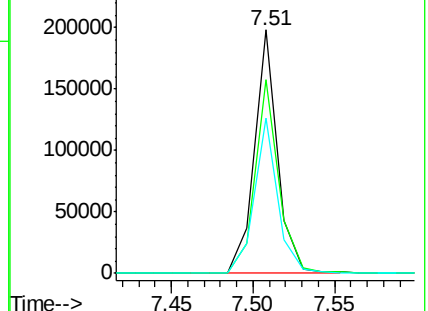
77 63.9 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.27 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

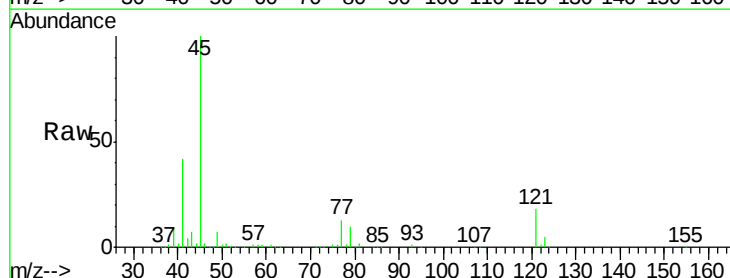
Tgt Ion: 45 Resp: 335354

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.3

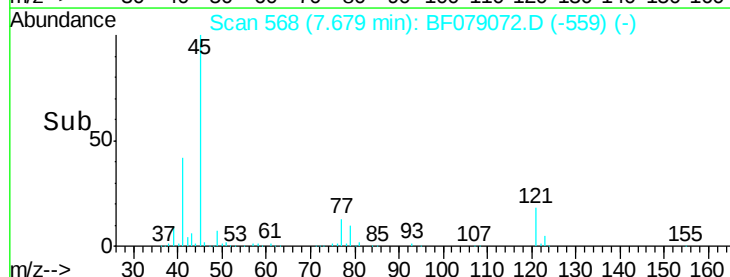
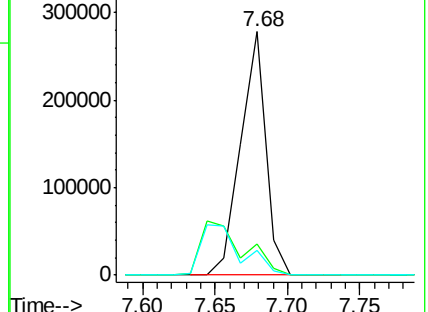
79 10.3 0.0 30.1

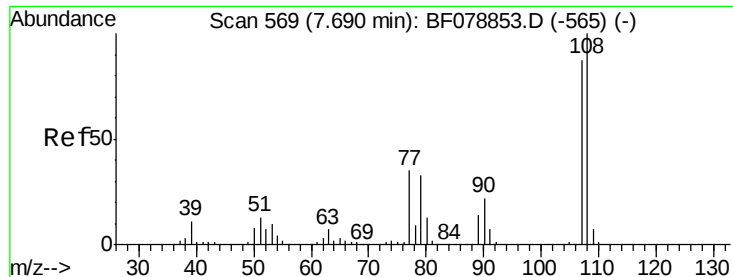


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

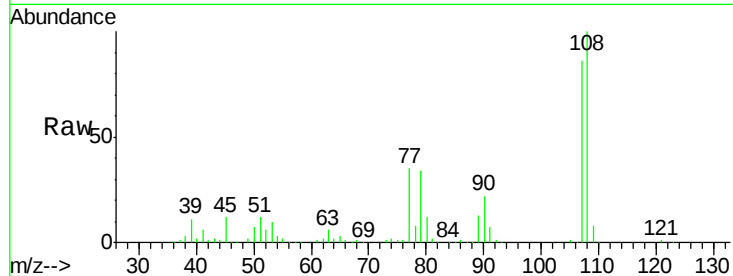




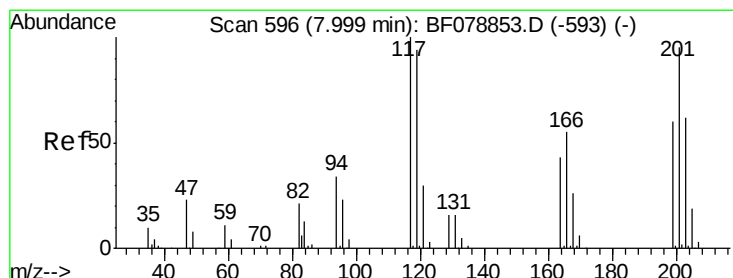
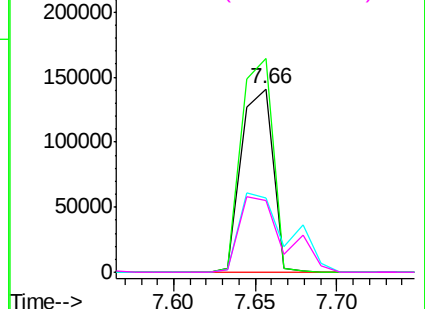
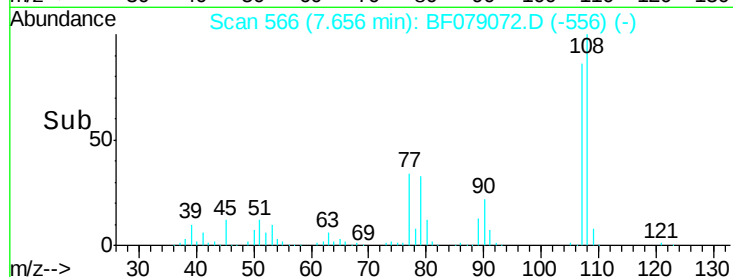
#17
2-Methylphenol
Concen: 50.06 ng
RT: 7.66 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:	107	Resp:	188482
Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.9	142.3
77	40.2	36.2	54.4
79	39.3	35.2	52.8

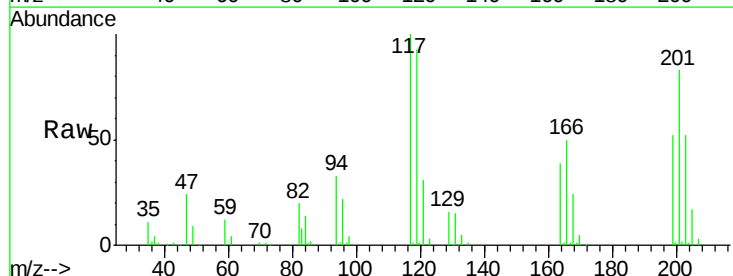


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

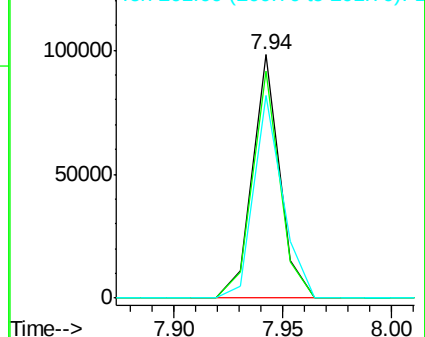
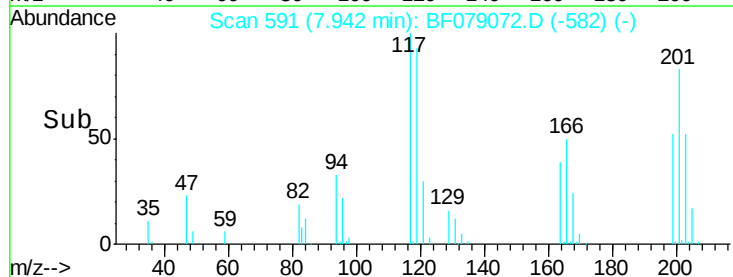


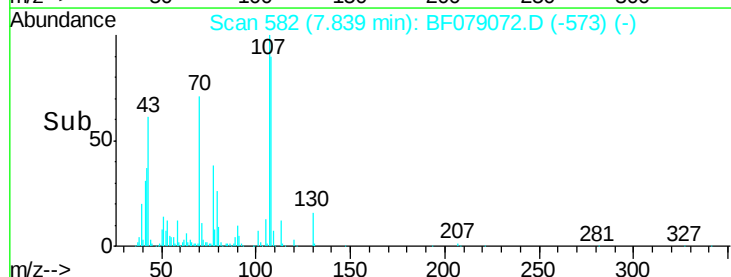
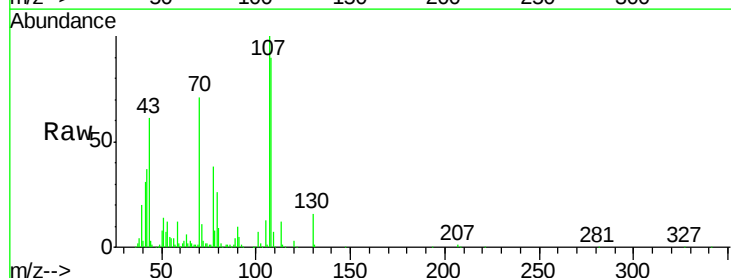
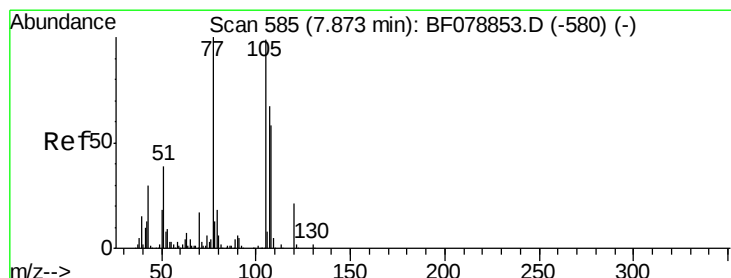
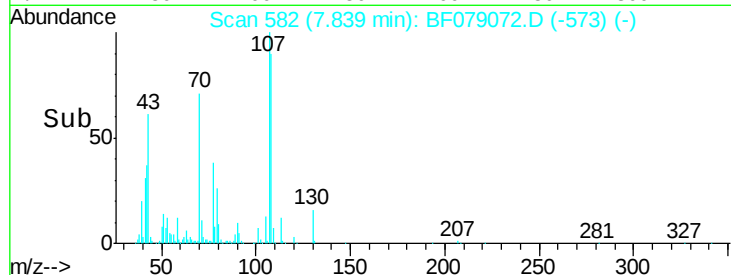
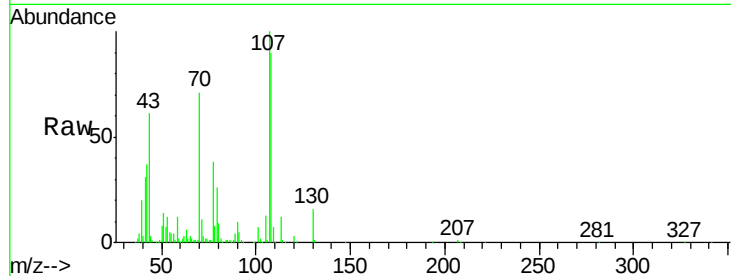
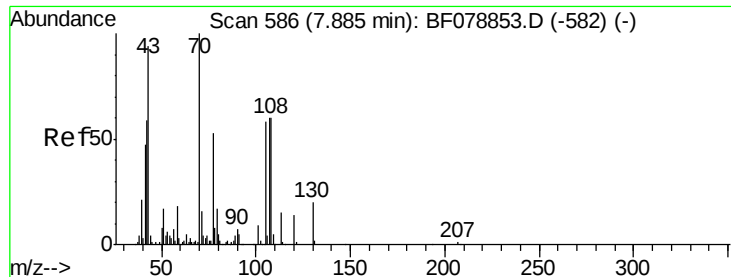
#18
Hexachloroethane
Concen: 45.64 ng
RT: 7.94 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:	117	Resp:	85085
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.4	113.0
201	83.2	83.2	124.8



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

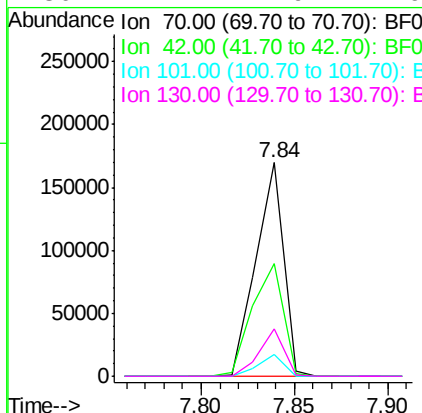




#19
n-Nitroso-di-n-propylamine
Concen: 47.29 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

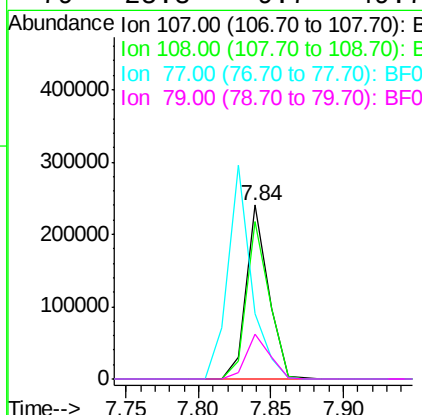
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

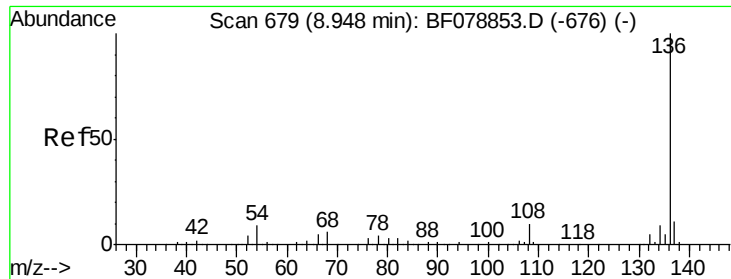
Tgt Ion: 70 Resp: 174151
Ion Ratio Lower Upper
70 100
42 52.8 55.4 83.0#
101 10.0 6.6 10.0#
130 22.4 11.9 17.9#



#20
3+4-Methylphenols
Concen: 51.11 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion: 107 Resp: 256403
Ion Ratio Lower Upper
107 100
108 90.4 76.9 116.9
77 37.6 136.8 176.8#
79 25.8 9.7 49.7

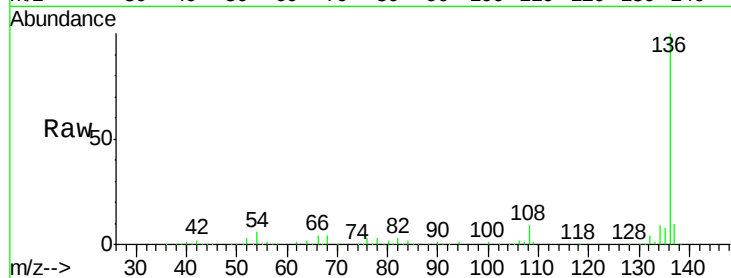




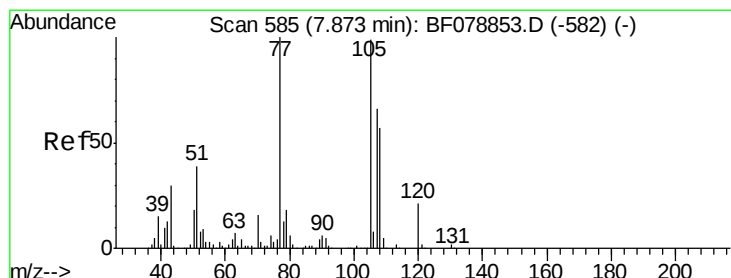
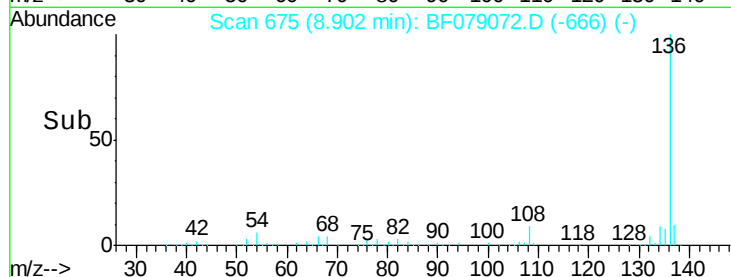
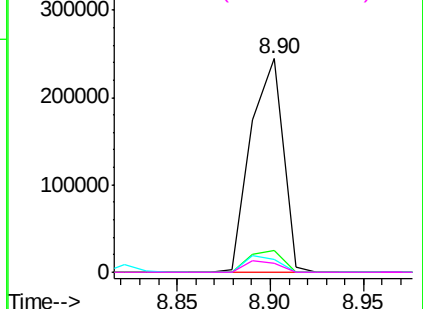
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:	136	Resp:	293115
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	5.8	5.8	8.8#
68	4.5	4.2	6.4

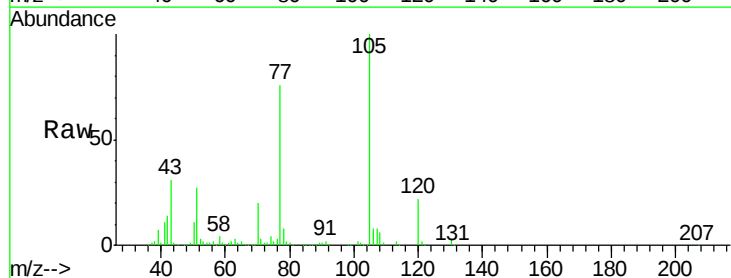


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

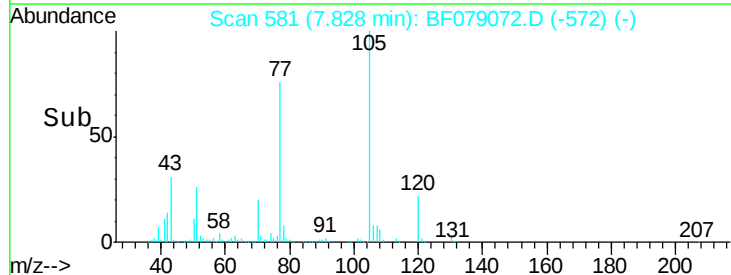
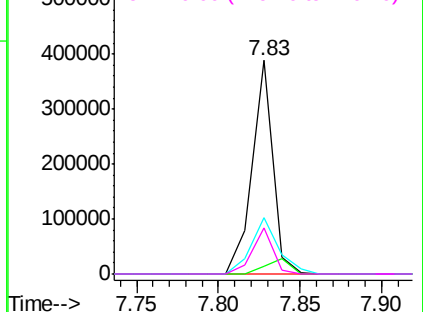


#22
Acetophenone
Concen: 51.81 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:	105	Resp:	343084
Ion Ratio	Lower	Upper	
105	100		
71	3.4	4.6	6.8#
51	26.5	26.7	40.1#
120	21.7	17.4	26.0



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

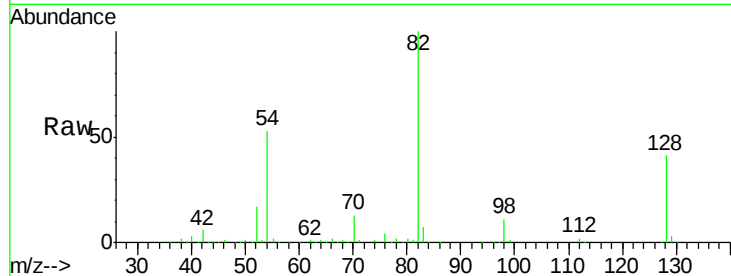




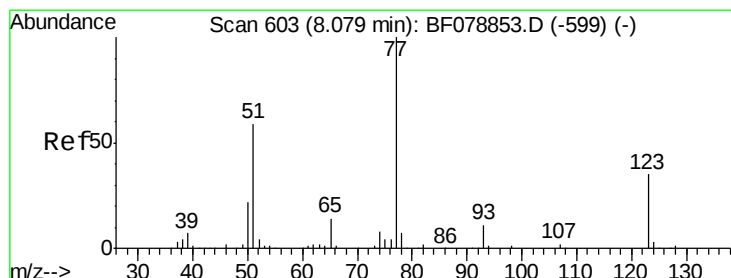
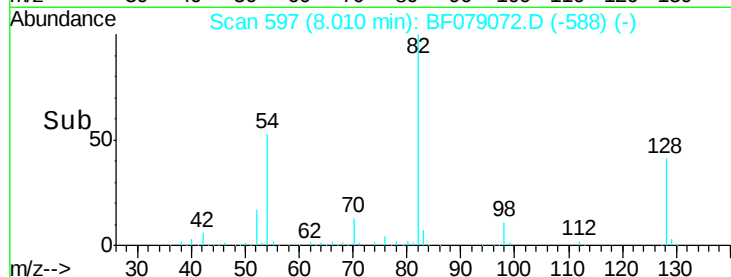
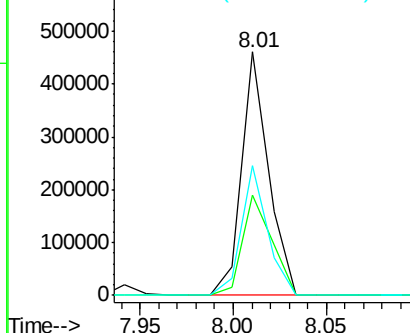
#23
Nitrobenzene-d5
Concen: 90.63 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion: 82 Resp: 462212
Ion Ratio Lower Upper
82 100
128 41.2 30.0 45.0
54 53.0 46.4 69.6

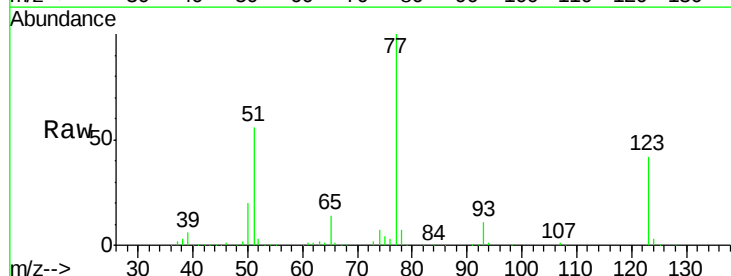


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

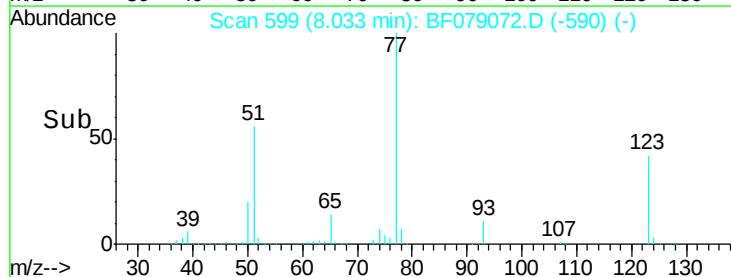
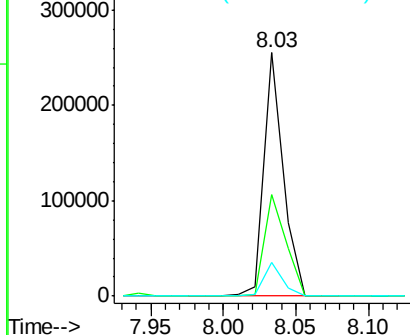


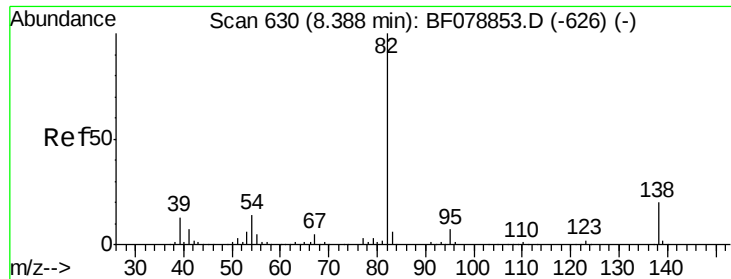
#24
Nitrobenzene
Concen: 46.66 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion: 77 Resp: 235887
Ion Ratio Lower Upper
77 100
123 41.8 31.8 47.8
65 13.7 10.6 15.8



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





#25

Isophorone

Concen: 46.72 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

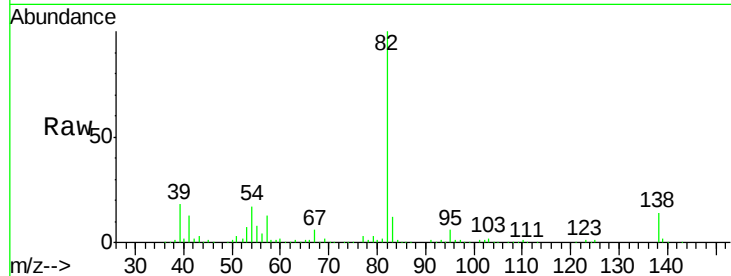
Tgt Ion: 82 Resp: 441709

Ion Ratio Lower Upper

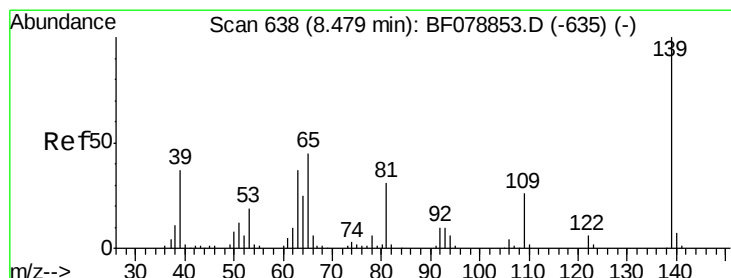
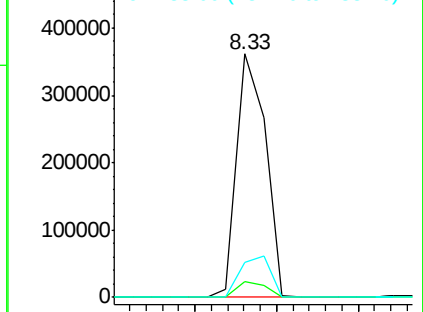
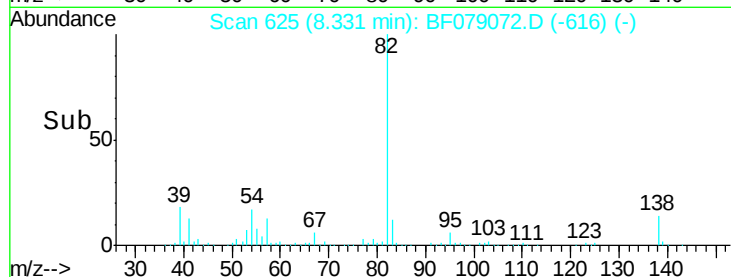
82 100

95 6.3 5.3 7.9

138 14.4 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.75 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

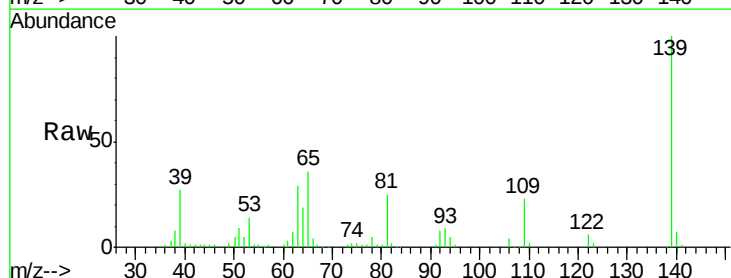
Tgt Ion: 139 Resp: 116650

Ion Ratio Lower Upper

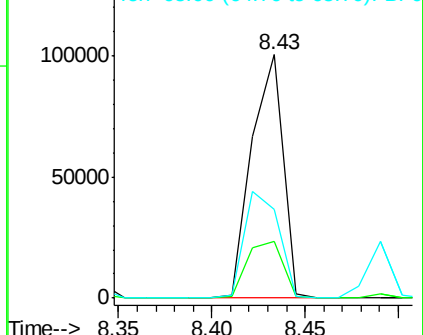
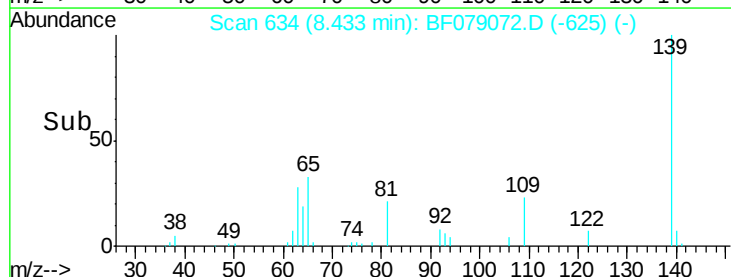
139 100

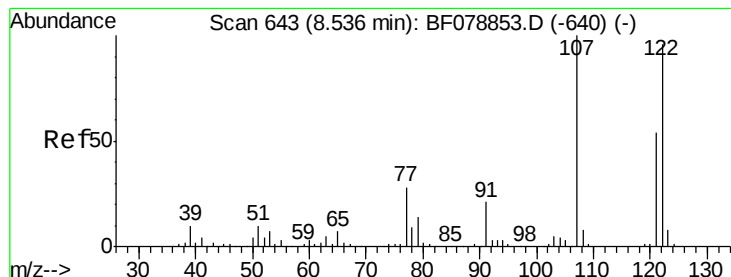
109 23.1 21.0 31.4

65 36.2 30.5 45.7



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

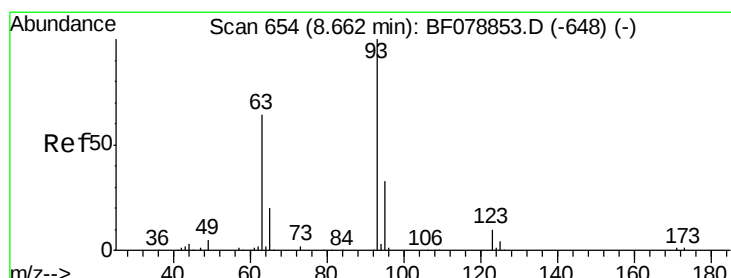
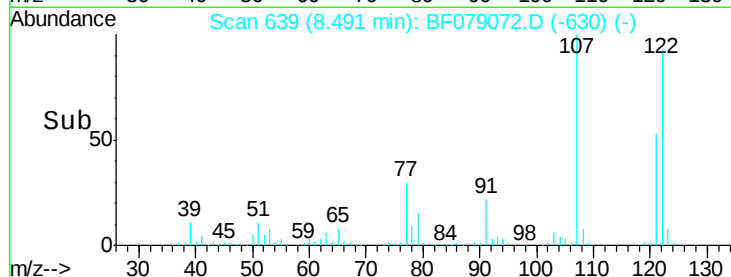
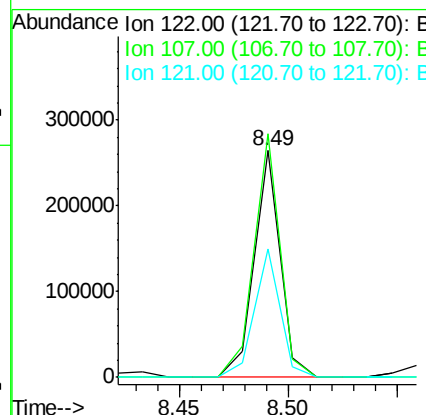
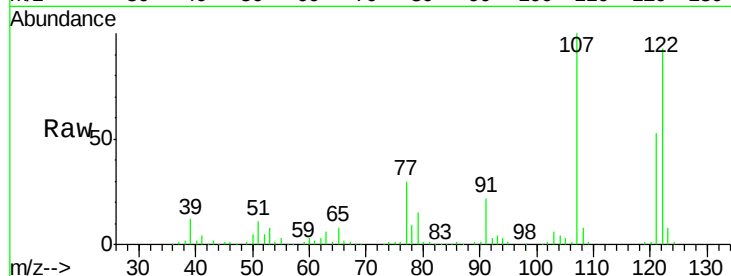




#27
 2,4-Dimethylphenol
 Concen: 52.28 ng
 RT: 8.49 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

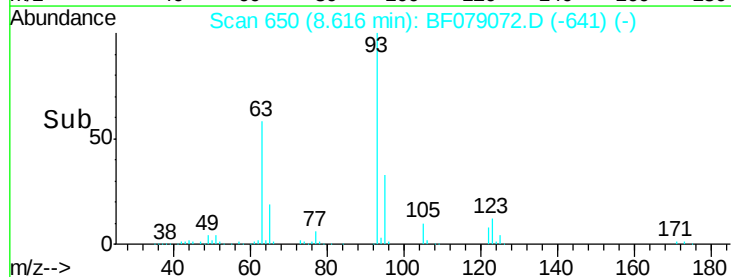
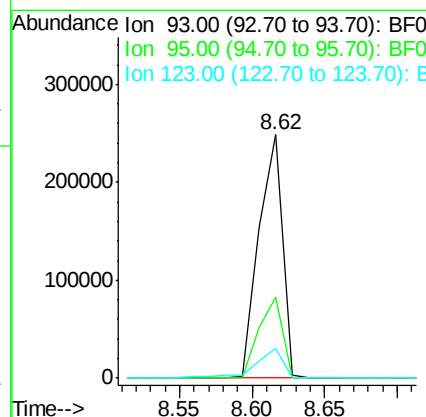
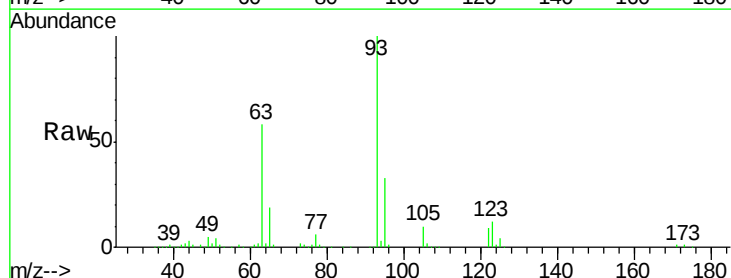
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

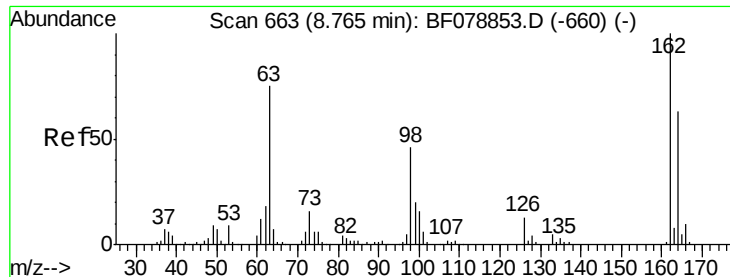
Tgt Ion: 122 Resp: 218907
 Ion Ratio Lower Upper
 122 100
 107 107.4 90.6 135.8
 121 56.6 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.96 ng
 RT: 8.62 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion: 93 Resp: 279550
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.7 40.1
 123 12.0 9.1 13.7

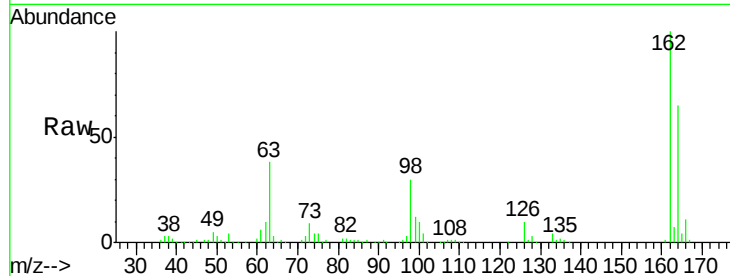




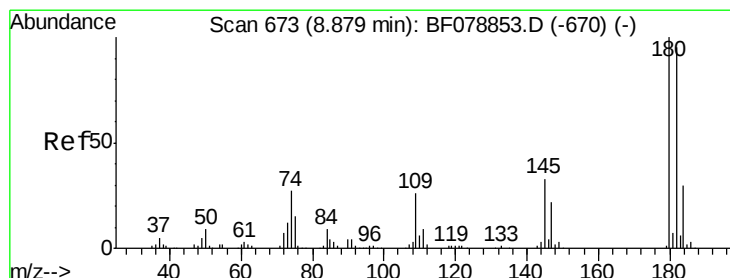
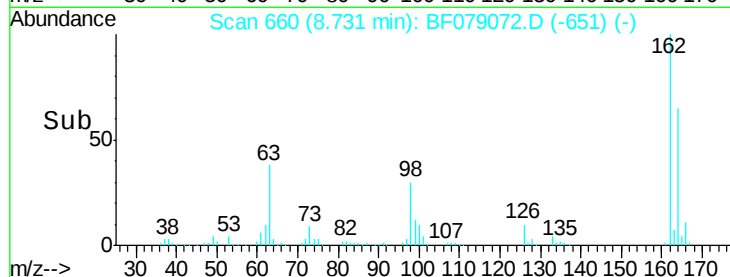
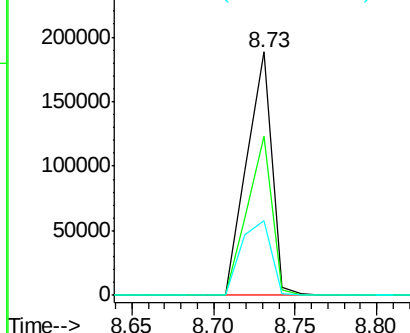
#29
 2,4-Dichlorophenol
 Concen: 54.09 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.6	83.6
98	30.5	16.5	56.5

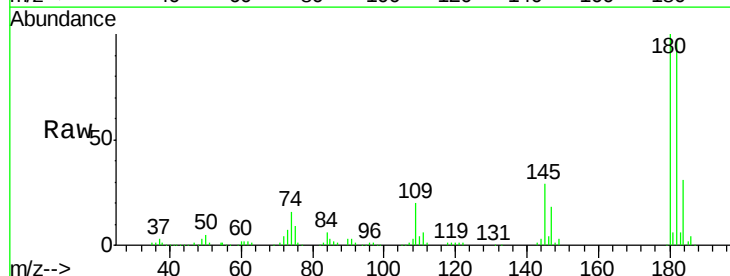


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

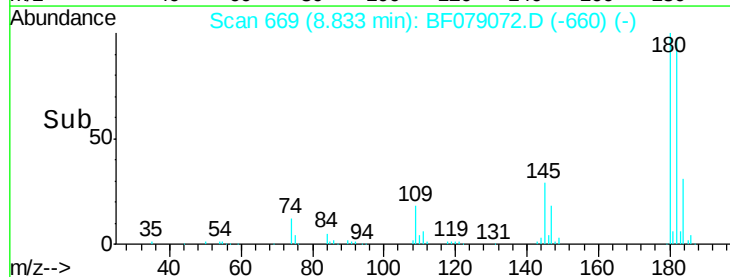
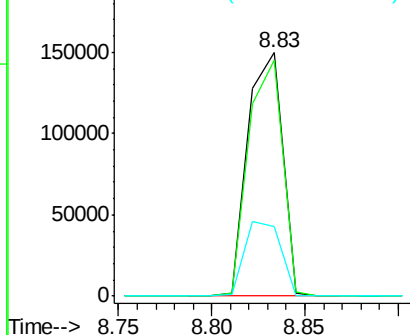


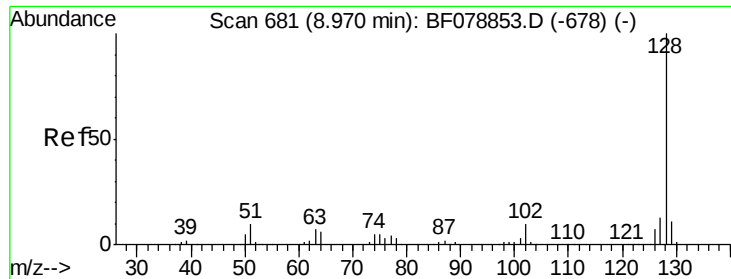
#30
 1,2,4-Trichlorobenzene
 Concen: 47.18 ng
 RT: 8.83 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.9	118.3
145	28.7	24.2	36.4



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

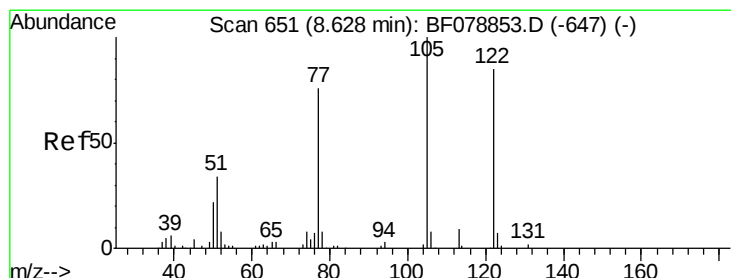
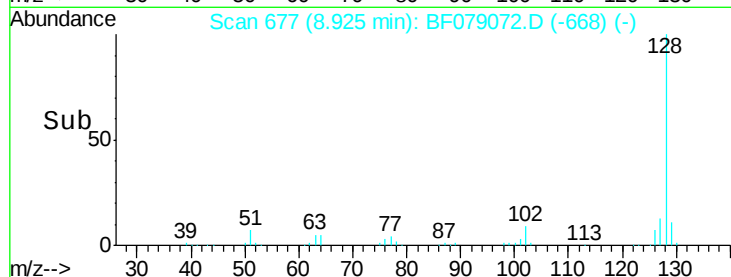
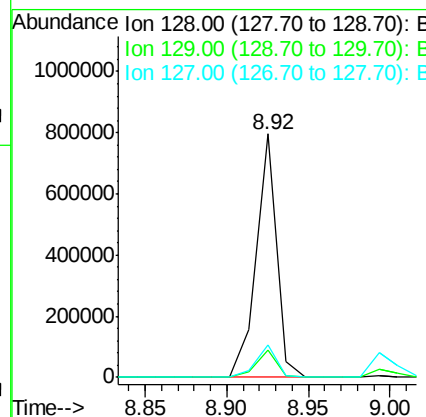
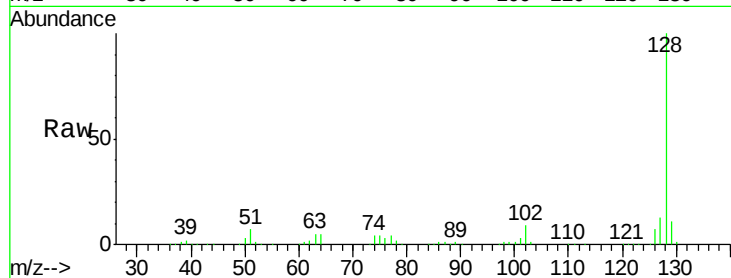




#31
Naphthalene
Concen: 49.37 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

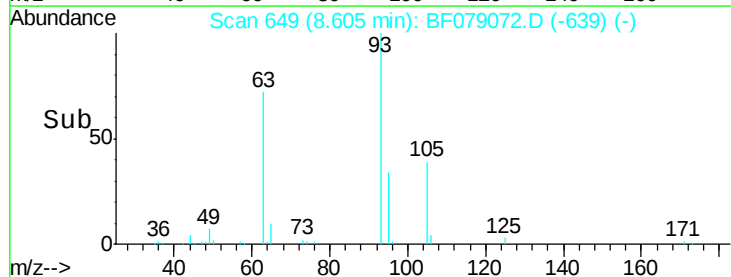
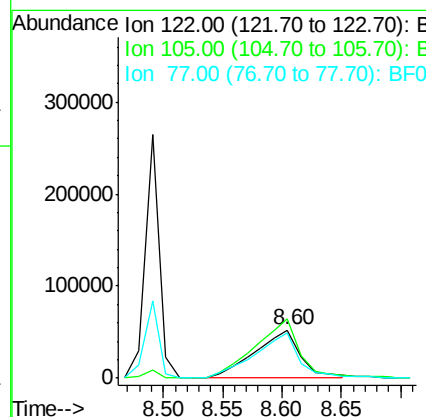
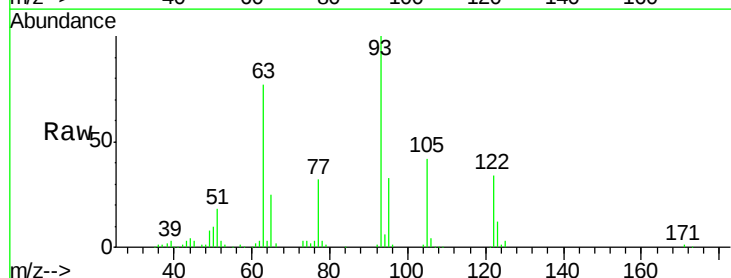
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:128 Resp: 689603
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 51.10 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:122 Resp: 135247
Ion Ratio Lower Upper
122 100
105 124.3 107.1 147.1
77 93.2 73.9 113.9

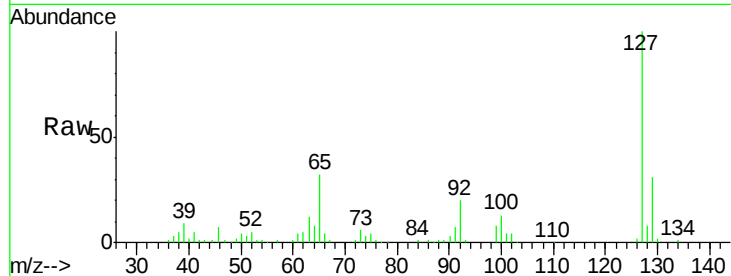




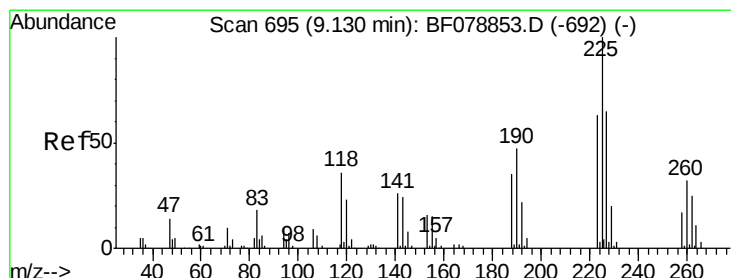
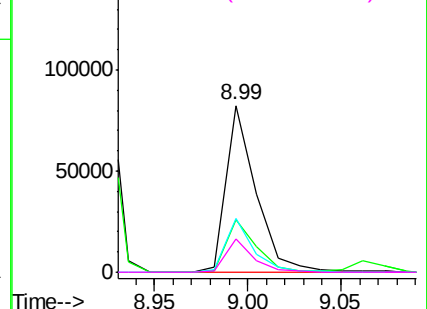
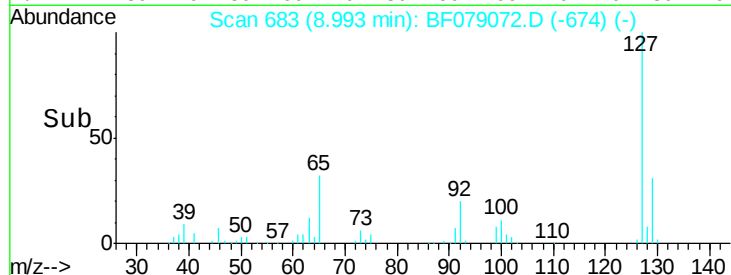
#33
4-Chloroaniline
Concen: 15.68 ng
RT: 8.99 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:	127	Resp:	92657
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	32.2	25.8	38.6
92	19.9	15.5	23.3

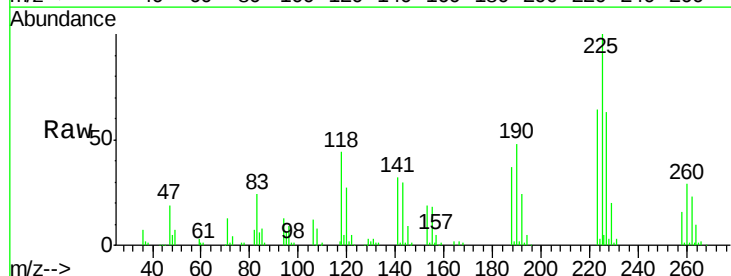


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

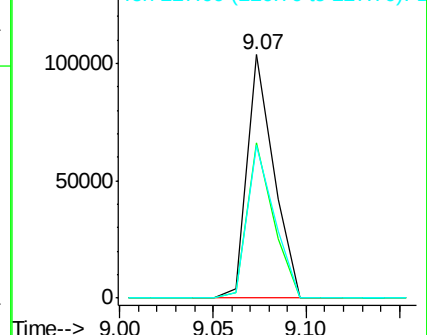
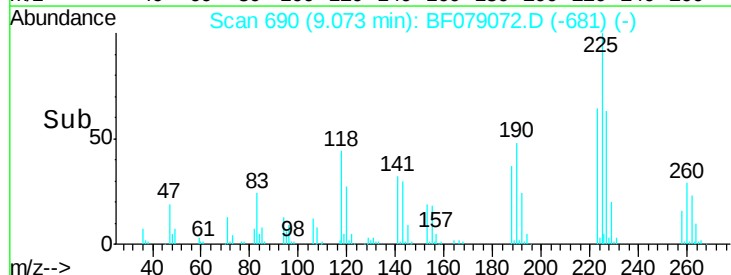


#34
Hexachlorobutadiene
Concen: 43.70 ng
RT: 9.07 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:	225	Resp:	102937
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	62.8	51.4	77.0



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

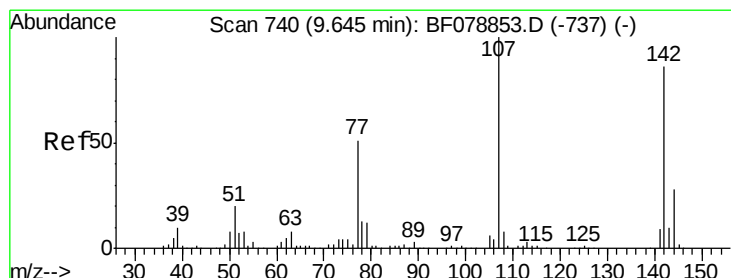
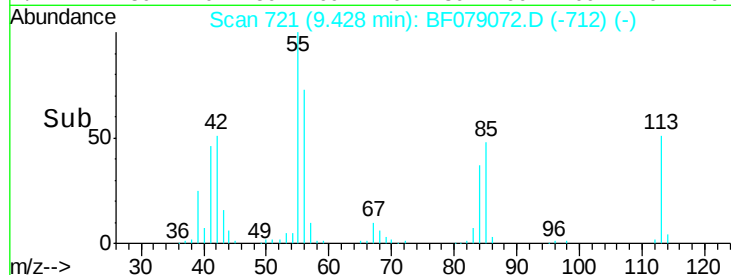
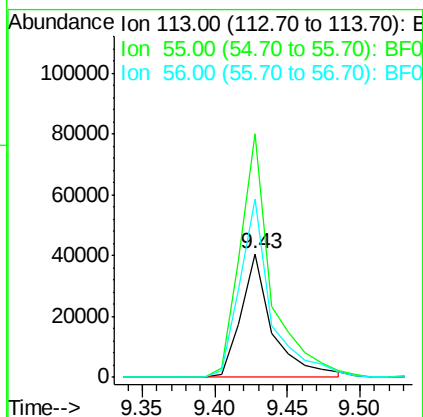
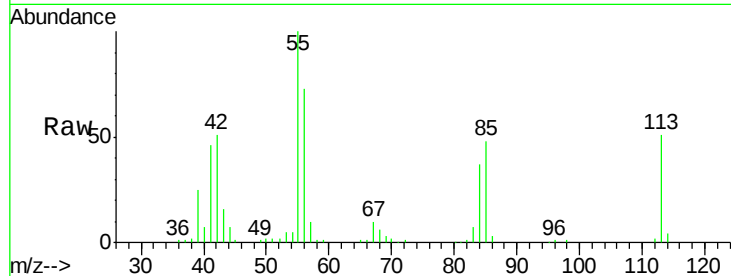




#35
 Caprolactam
 Concen: 50.98 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

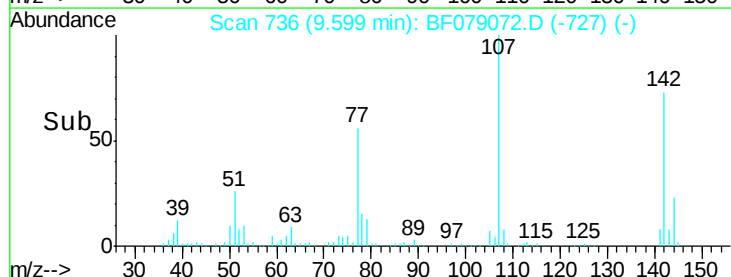
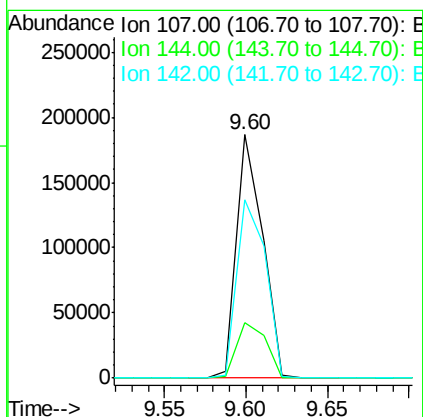
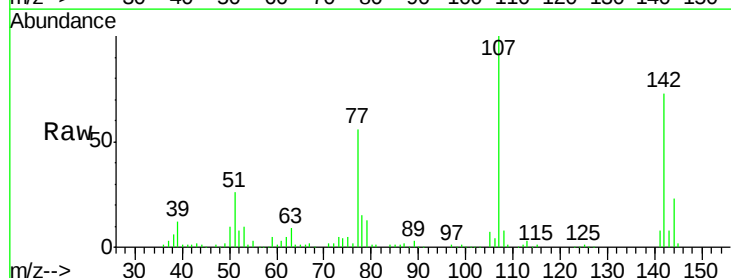
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

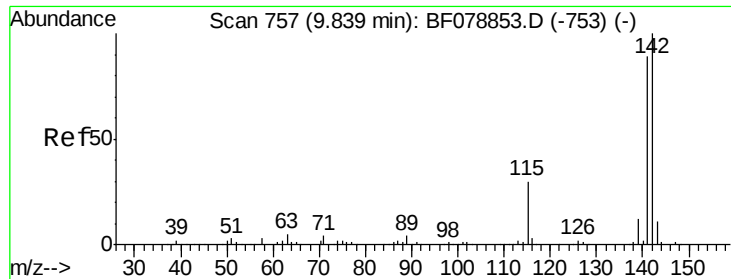
Tgt Ion:113 Resp: 61376
 Ion Ratio Lower Upper
 113 100
 55 196.6 169.7 209.7
 56 144.5 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 52.73 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:107 Resp: 206205
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.8 29.6
 142 73.1 60.6 91.0

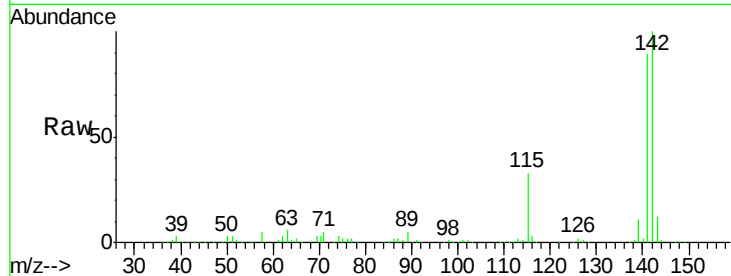




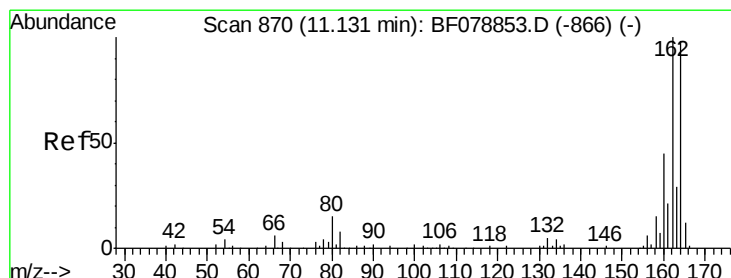
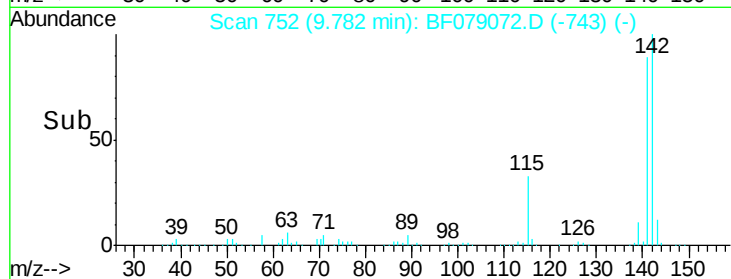
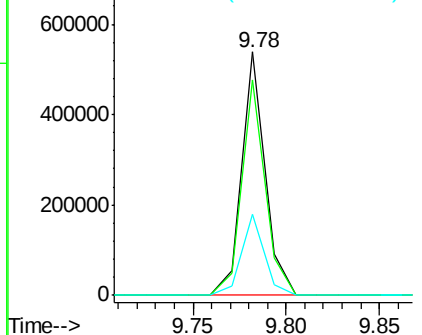
#37
 2-Methylnaphthalene
 Concen: 48.52 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:142 Resp: 469615
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.9 106.3
 115 33.3 28.5 42.7

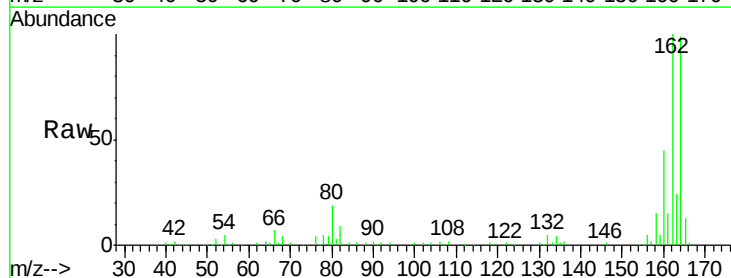


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

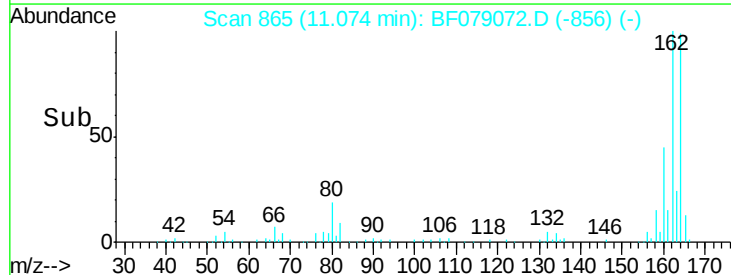
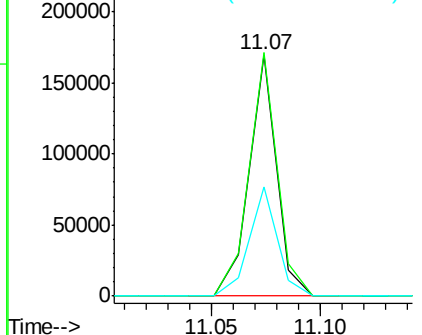


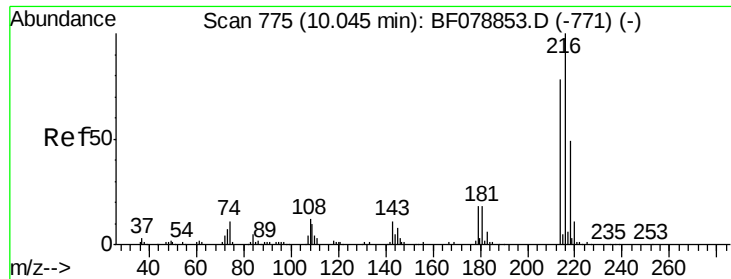
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:164 Resp: 148776
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.7 124.1
 160 45.1 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.49 ng

RT: 9.99 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

Tgt Ion:216 Resp: 186403

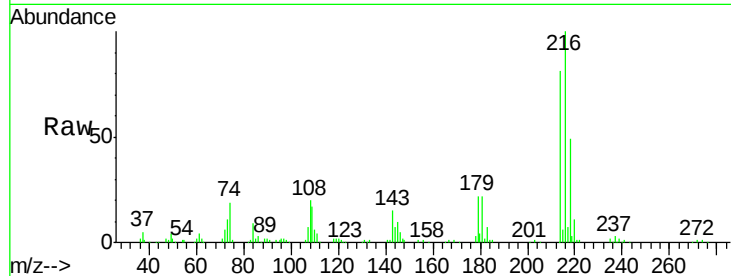
Ion Ratio Lower Upper

216 100

214 81.4 0.0 0.0#

179 22.3 0.0 0.0#

108 23.3 0.0 0.0#

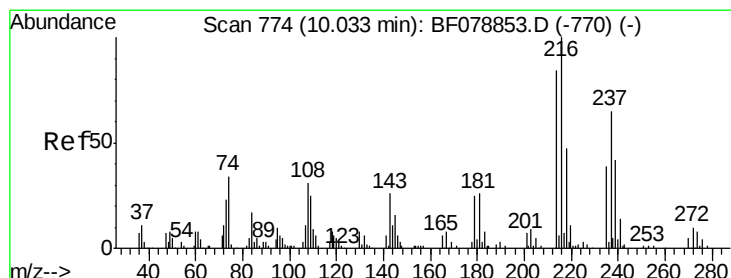
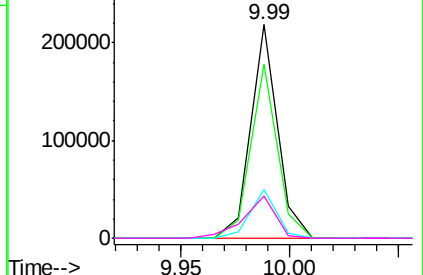
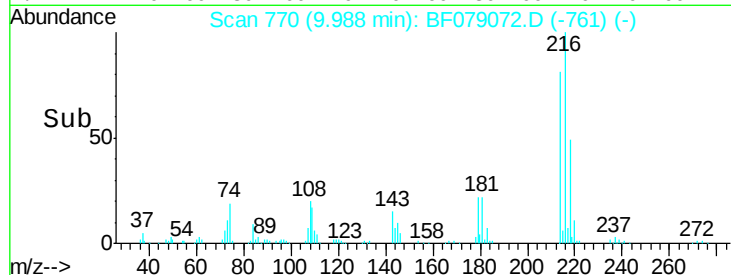


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.90 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

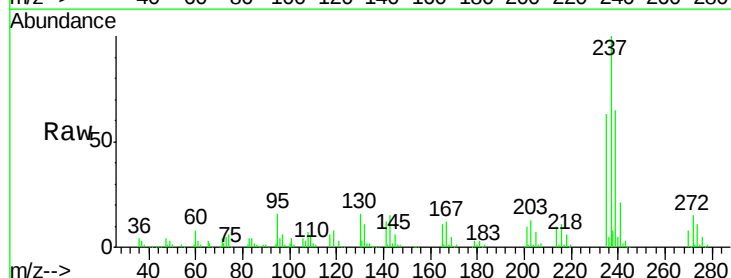
Tgt Ion:237 Resp: 168350

Ion Ratio Lower Upper

237 100

235 63.4 44.7 84.7

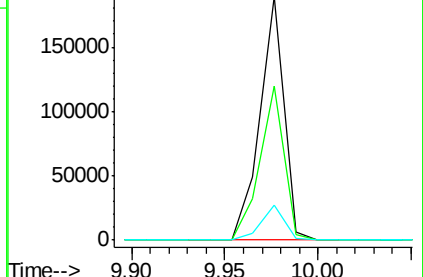
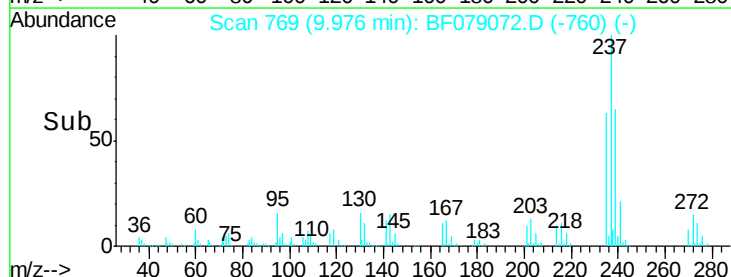
272 14.5 0.0 32.6

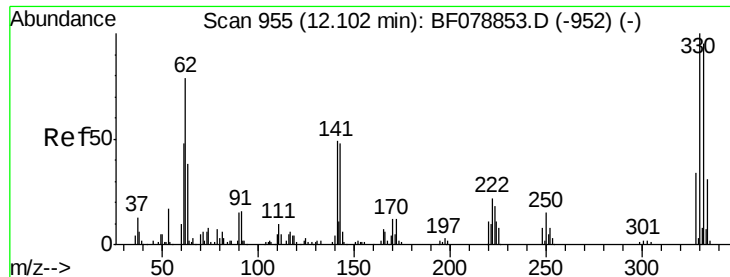


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

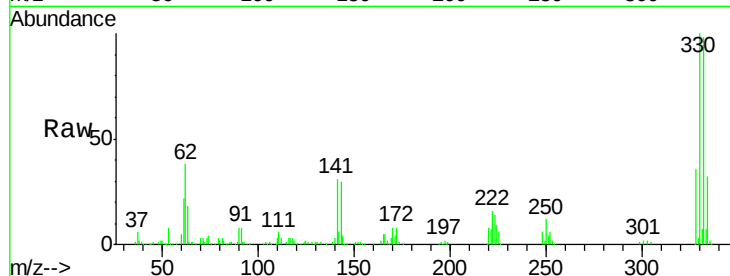




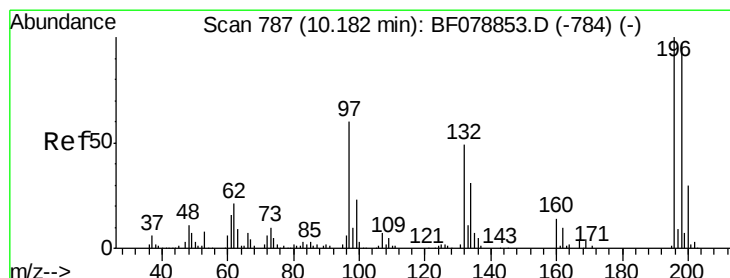
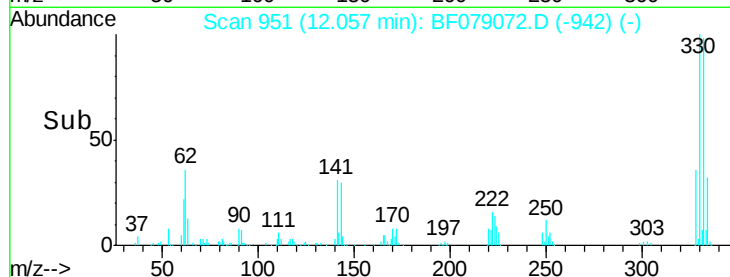
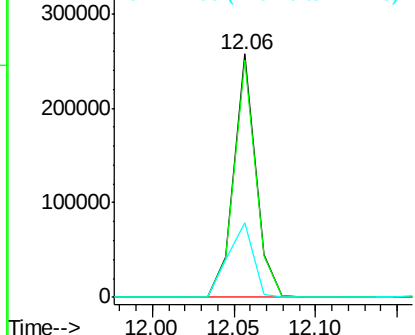
#41
 2,4,6-Tribromophenol
 Concen: 148.50 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:330 Resp: 239000
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 35.5 0.0 0.0#

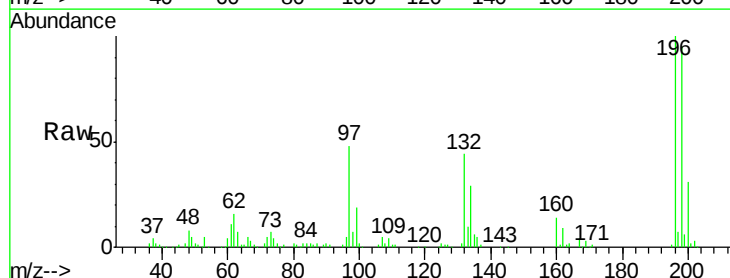


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

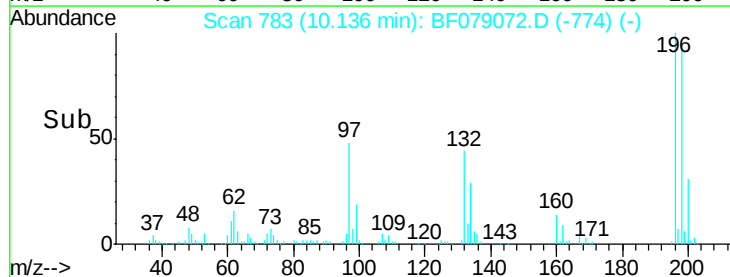
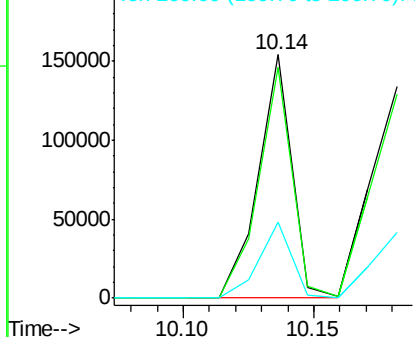


#42
 2,4,6-Trichlorophenol
 Concen: 48.33 ng
 RT: 10.14 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:196 Resp: 139230
 Ion Ratio Lower Upper
 196 100
 198 94.7 80.5 120.7
 200 31.3 24.9 37.3



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

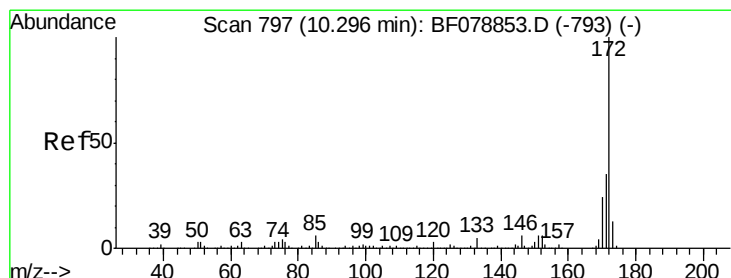
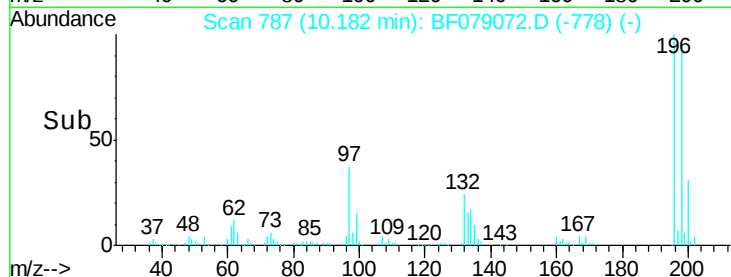
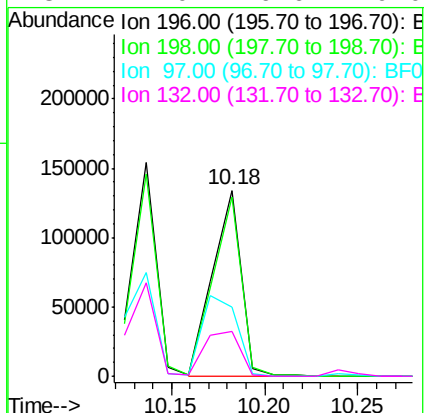
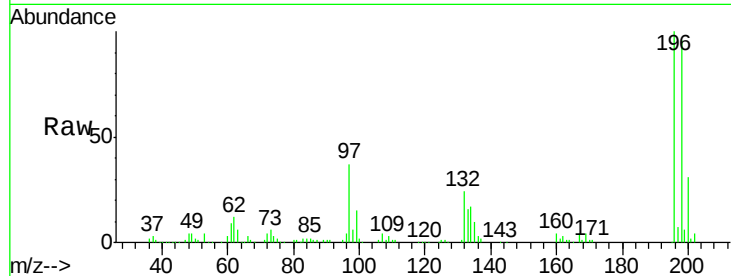




#43
 2,4,5-Trichlorophenol
 Concen: 49.66 ng
 RT: 10.18 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

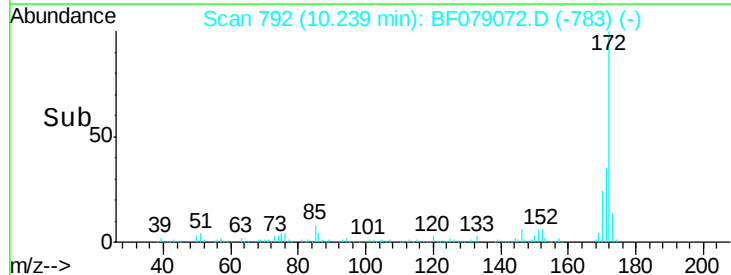
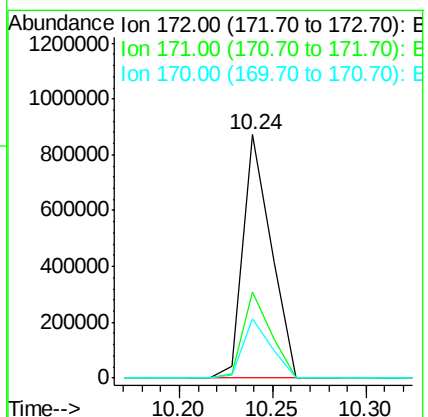
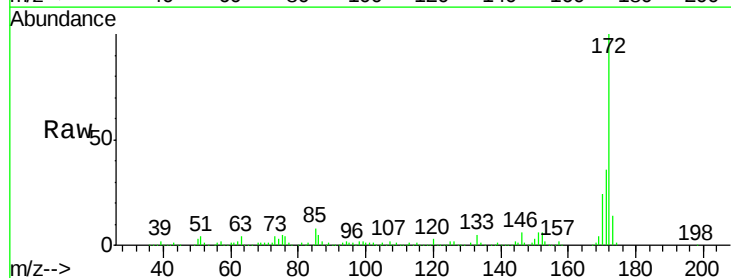
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

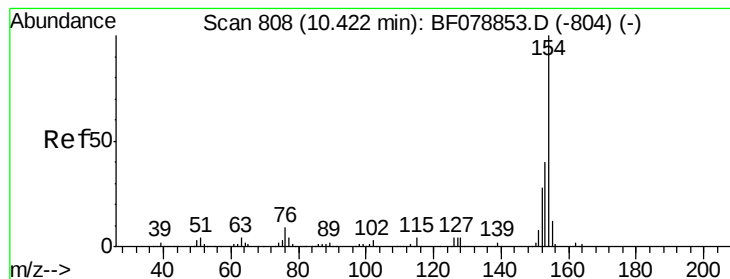
Tgt Ion	Resp	Lower	Upper
196	144632		
198	96.3	79.8	119.6
97	37.3	46.0	69.0#
132	24.0	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion	Resp	Lower	Upper
172	912253		
171	35.6	27.9	41.9
170	24.4	19.4	29.0





#45

1,1'-Biphenyl

Concen: 47.18 ng

RT: 10.37 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

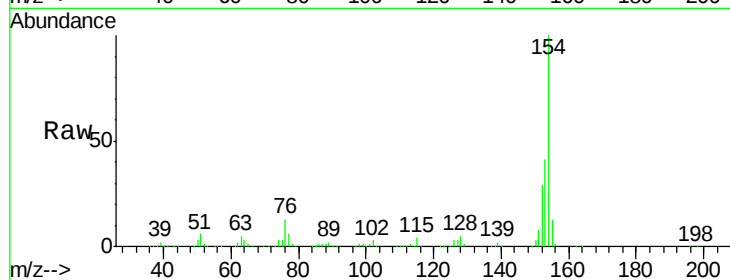
Tgt Ion:154 Resp: 558055

Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

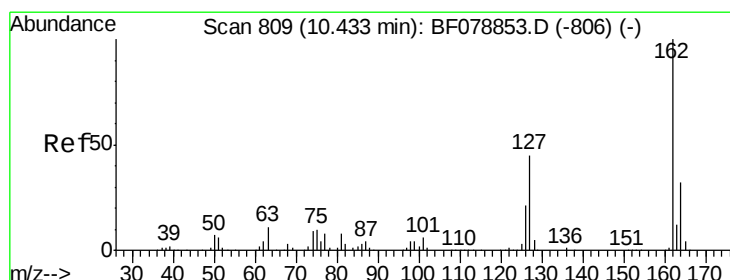
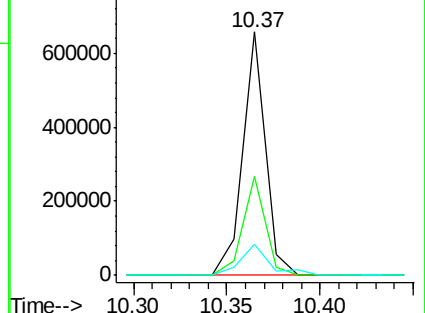
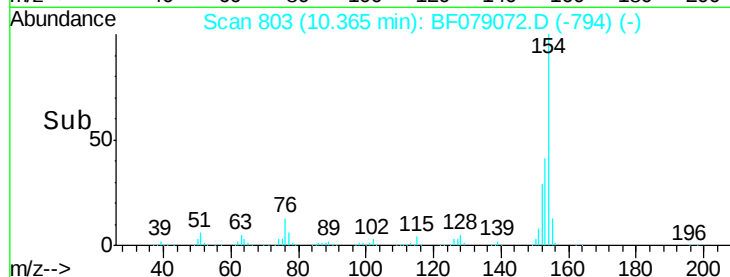
76 12.6 0.0 35.0



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: 46.94 ng

RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

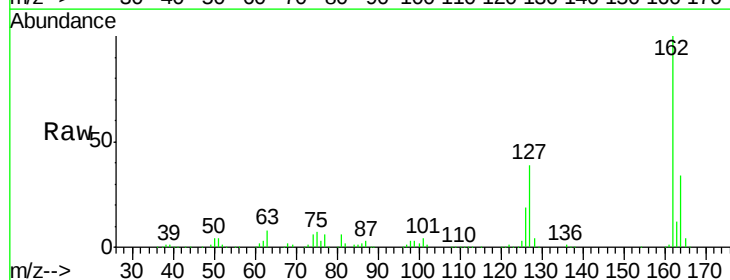
Tgt Ion:162 Resp: 433090

Ion Ratio Lower Upper

162 100

127 39.1 33.9 50.9

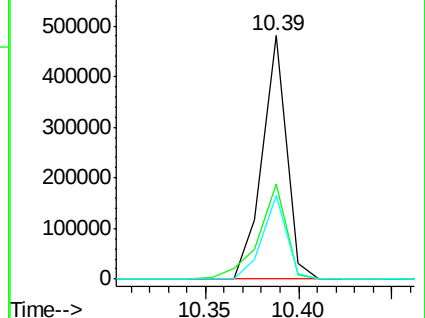
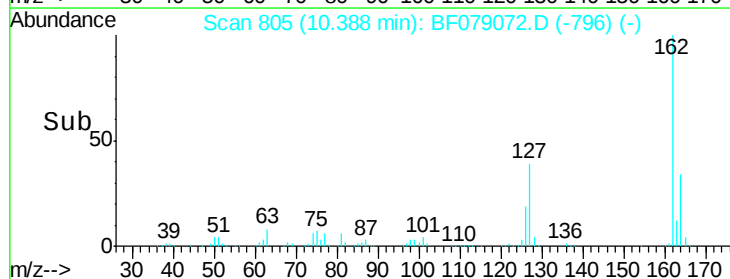
164 34.2 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

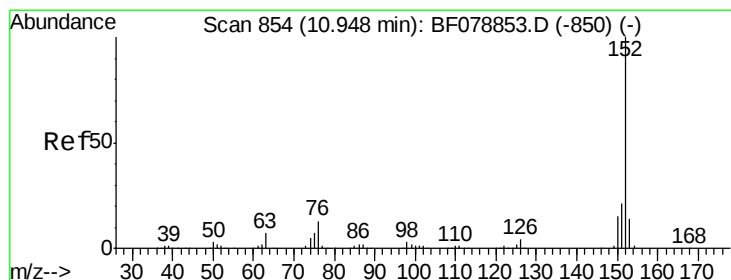
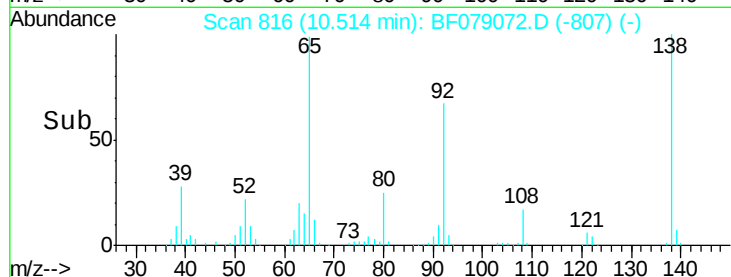
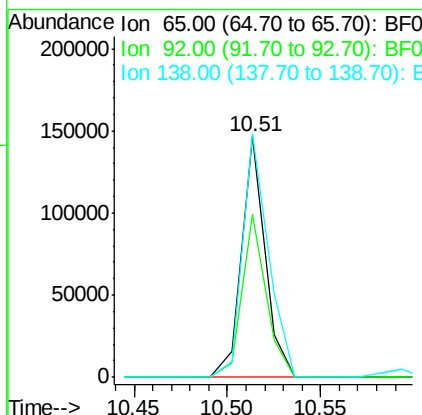
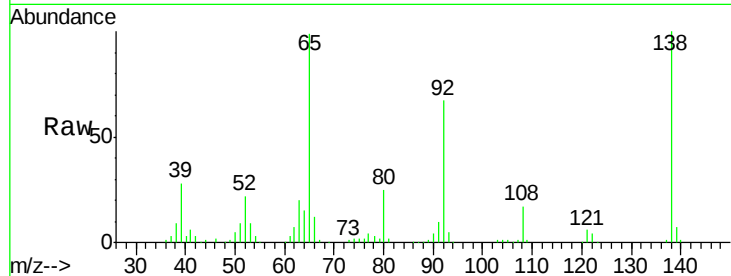




#47
 2-Nitroaniline
 Concen: 48.33 ng
 RT: 10.51 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

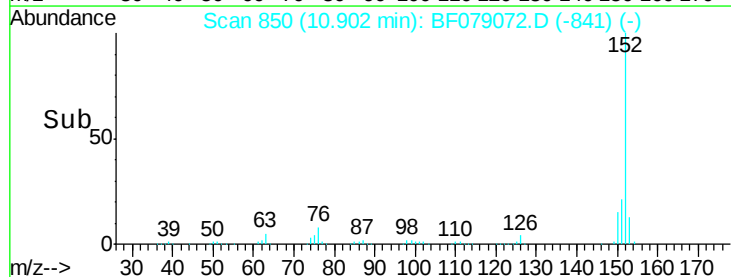
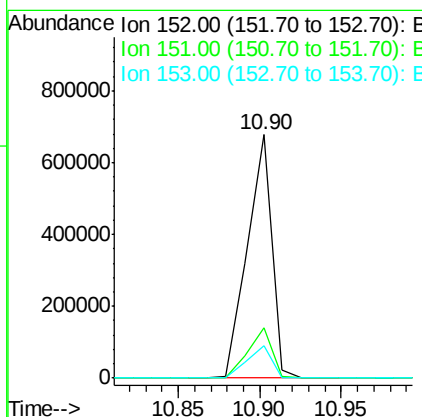
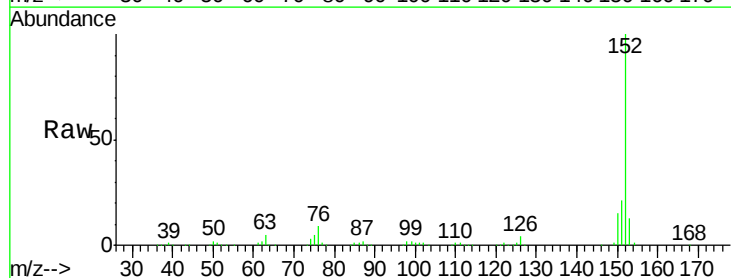
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

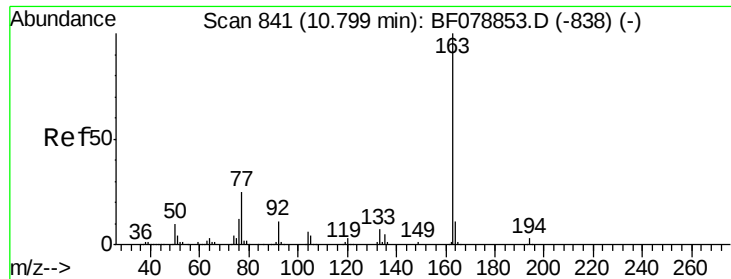
Tgt Ion:	65	Resp:	129190
Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.0	81.0
138	101.3	75.0	112.6



#48
 Acenaphthylene
 Concen: 46.56 ng
 RT: 10.90 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:	152	Resp:	705269
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.3	10.9	16.3

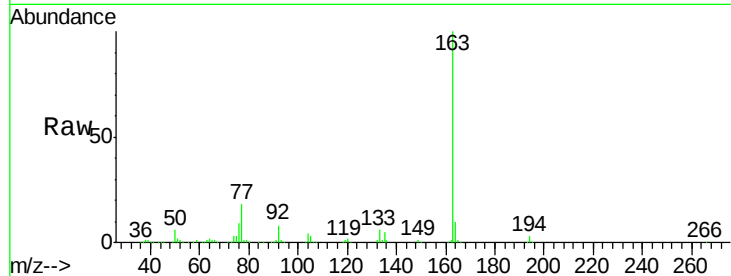




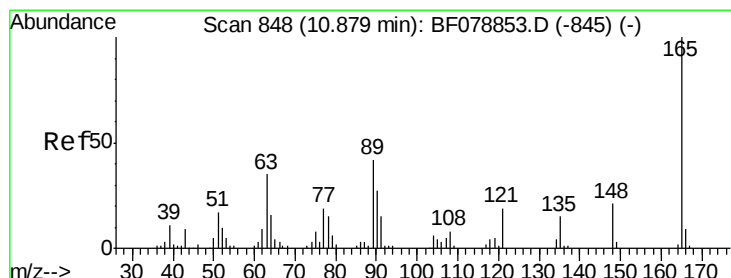
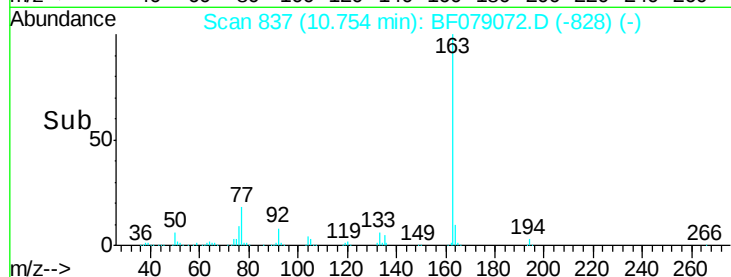
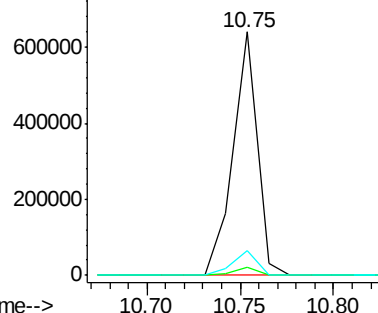
#49
Dimethylphthalate
Concen: 52.35 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:163 Resp: 571571
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.1 12.1

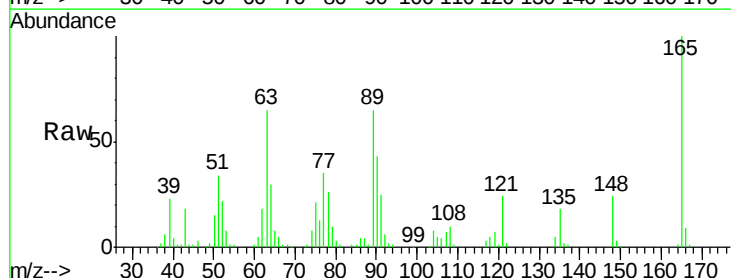


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

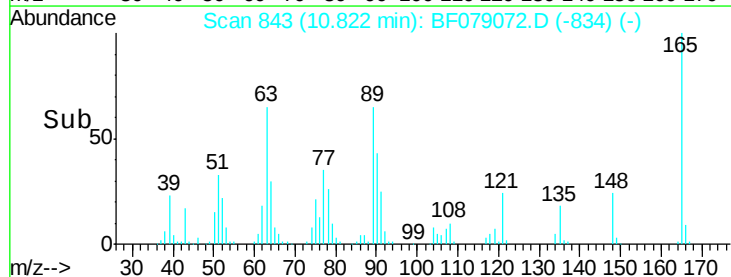
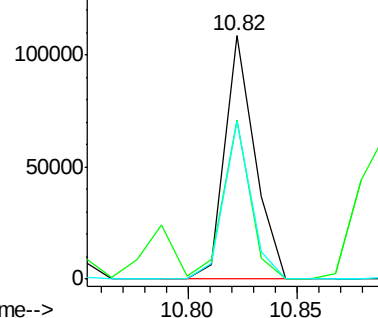


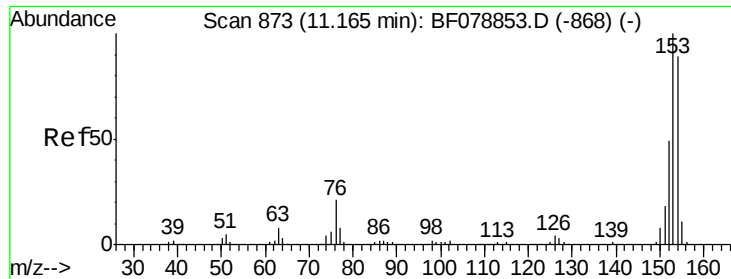
#50
2,6-Dinitrotoluene
Concen: 48.24 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:165 Resp: 103944
Ion Ratio Lower Upper
165 100
63 65.4 54.4 81.6
89 64.9 55.7 83.5



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





#51

Acenaphthene

Concen: 45.25 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

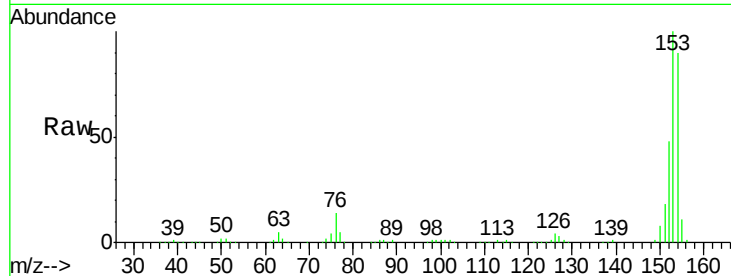
Tgt Ion:154 Resp: 408710

Ion Ratio Lower Upper

154 100

153 110.5 91.5 137.3

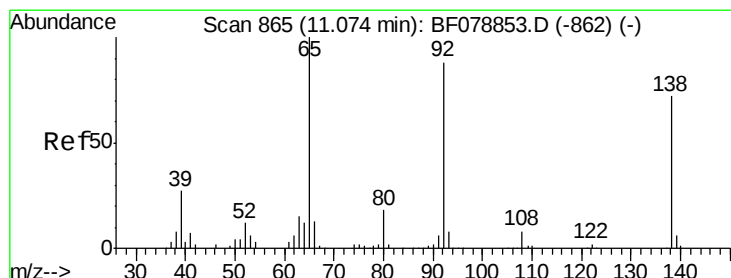
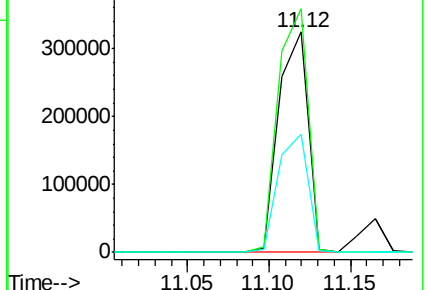
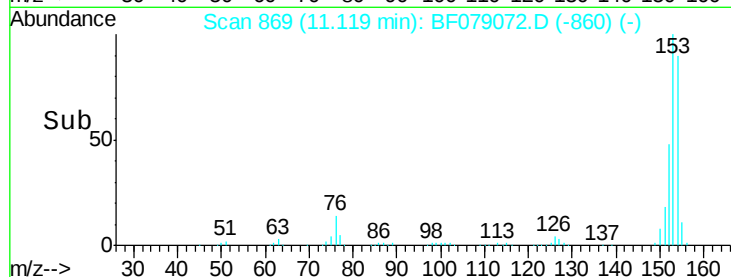
152 53.5 44.2 66.4



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: 22.66 ng

RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

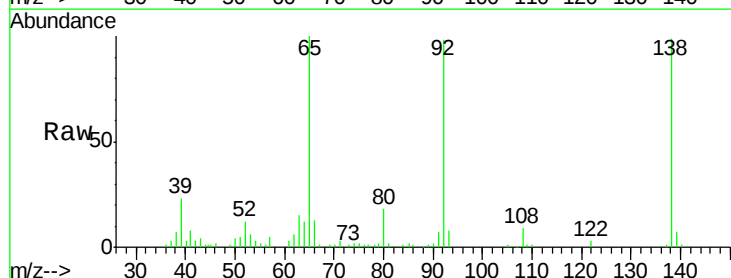
Tgt Ion:138 Resp: 60986

Ion Ratio Lower Upper

138 100

108 8.9 10.6 16.0#

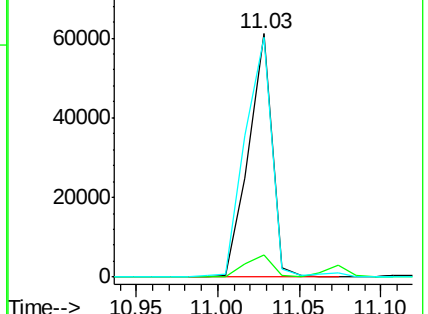
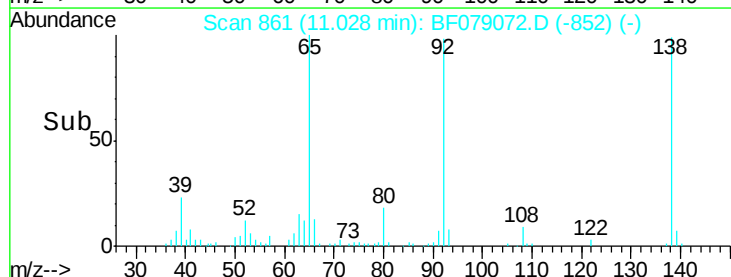
92 98.6 81.8 122.6

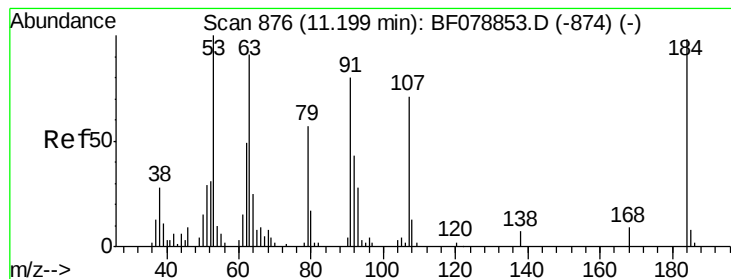


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 86.79 ng

RT: 11.17 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

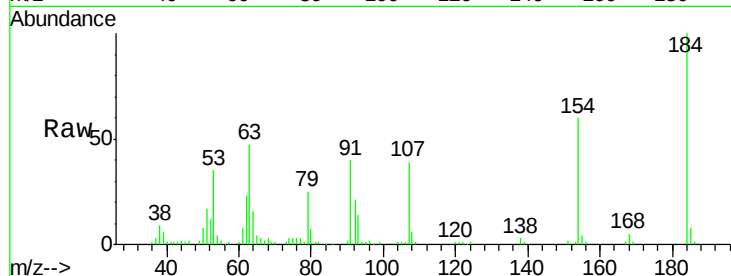
Tgt Ion:184 Resp: 84183

Ion Ratio Lower Upper

184 100

63 46.9 63.3 94.9#

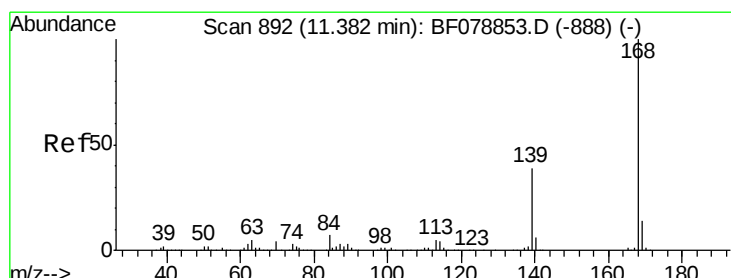
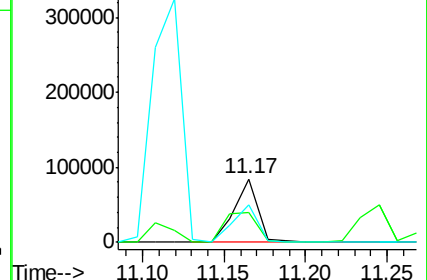
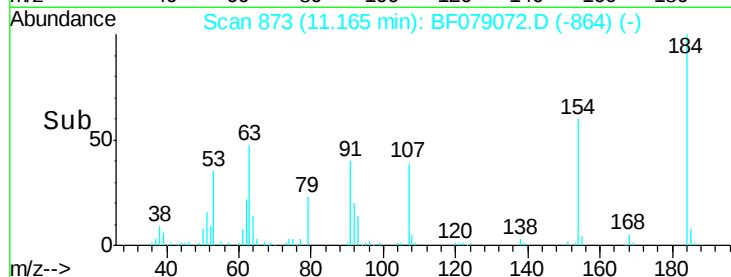
154 59.8 53.8 80.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.41 ng

RT: 11.33 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

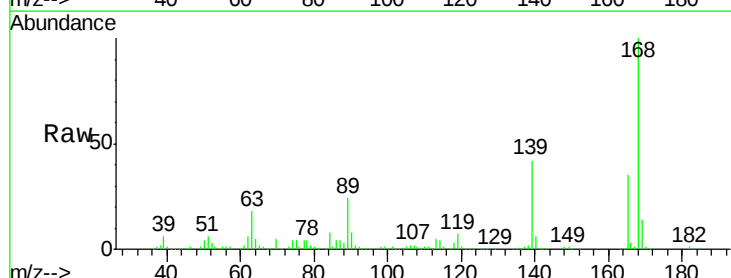
Tgt Ion:168 Resp: 618556

Ion Ratio Lower Upper

168 100

139 41.8 31.0 46.4

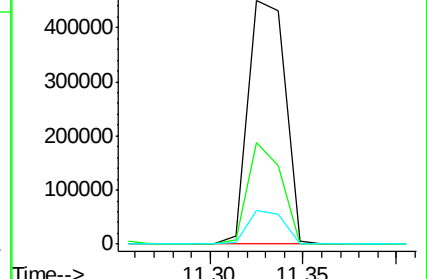
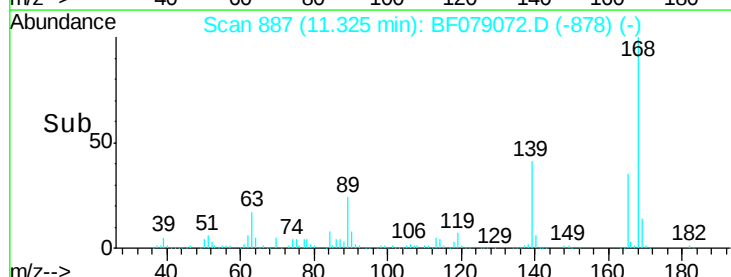
169 13.9 10.6 16.0



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

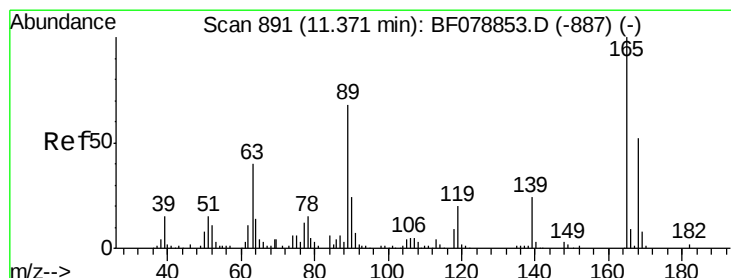
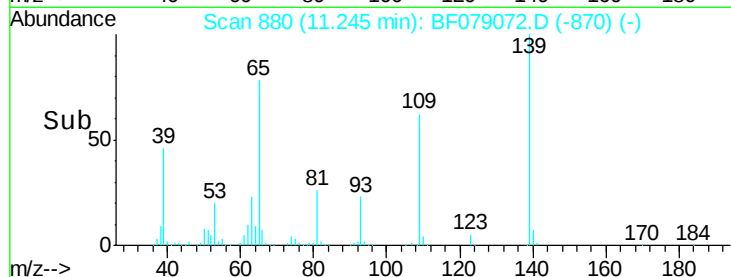
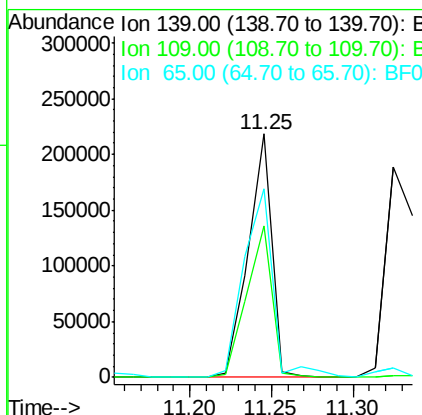
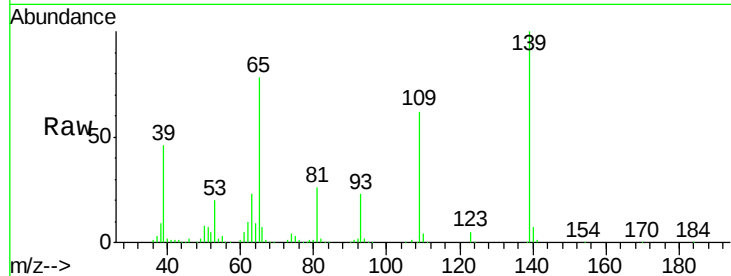




#55
4-Nitrophenol
Concen: 103.27 ng
RT: 11.25 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

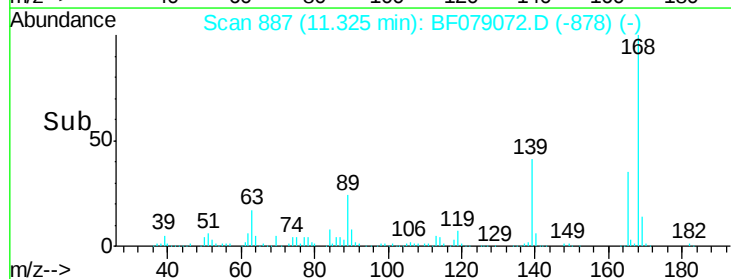
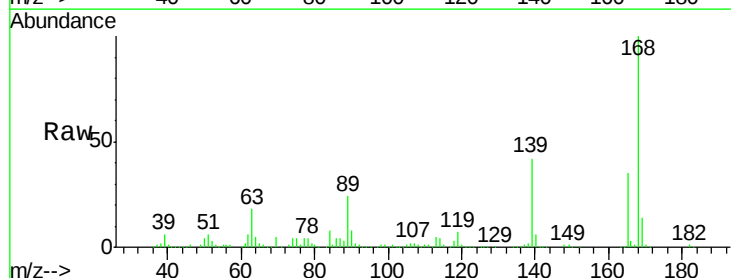
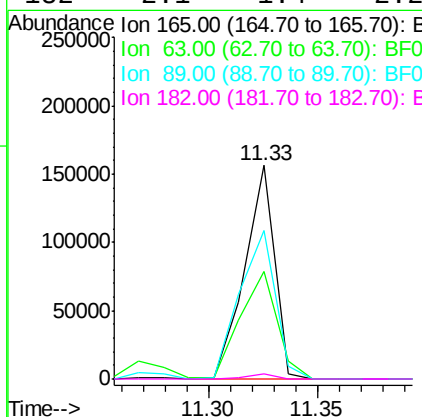
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

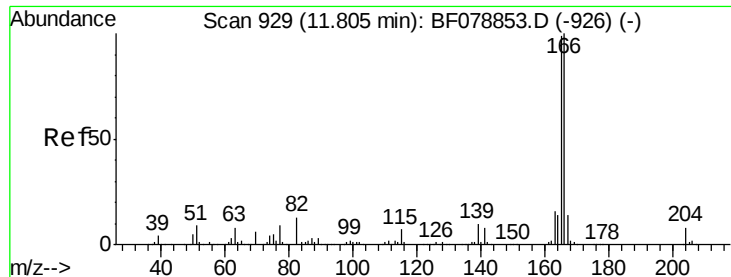
Tgt Ion:139 Resp: 220022
Ion Ratio Lower Upper
139 100
109 62.1 47.6 87.6
65 77.5 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 52.27 ng
RT: 11.33 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:165 Resp: 148912
Ion Ratio Lower Upper
165 100
63 50.4 51.2 76.8#
89 69.8 82.7 124.1#
182 2.1 1.4 2.2

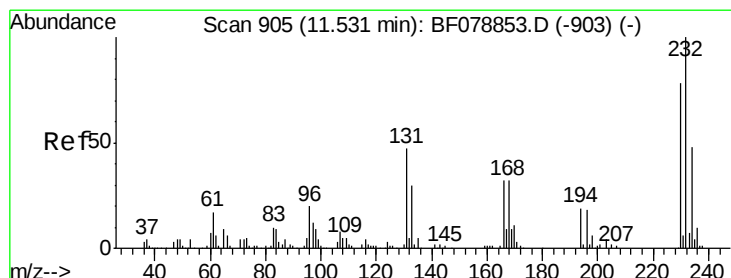
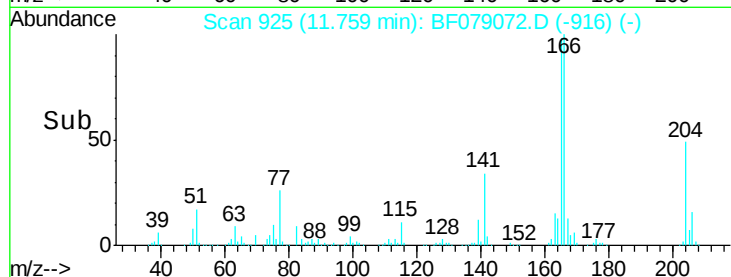
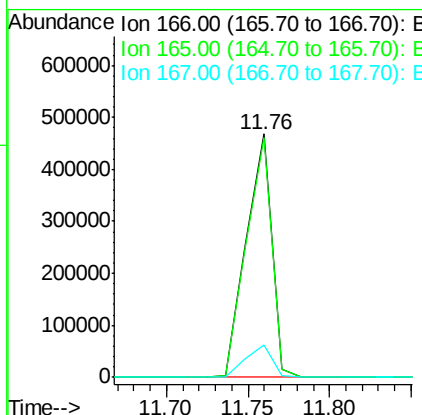
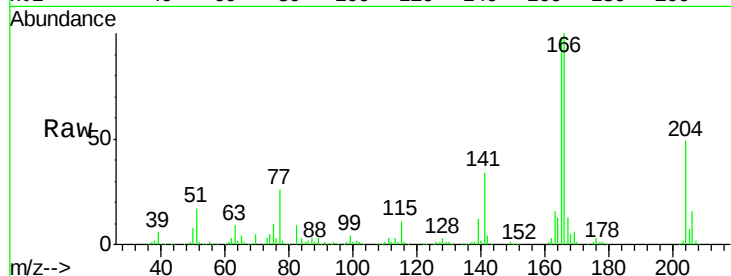




#57
 Fluorene
 Concen: 47.08 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

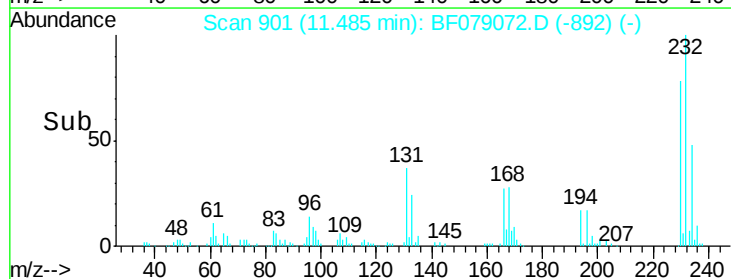
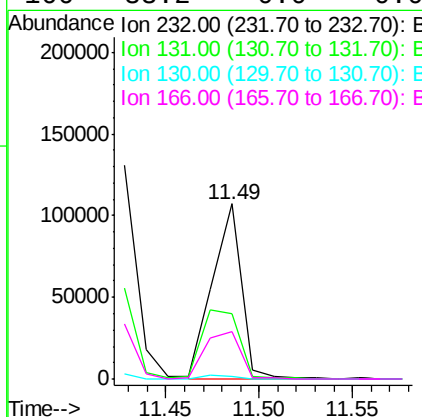
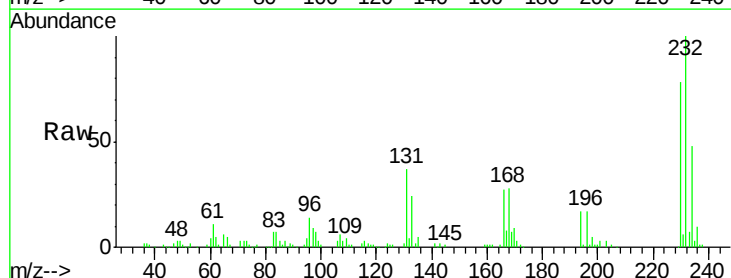
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:166 Resp: 504242
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.5 117.7
 167 13.3 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.57 ng
 RT: 11.49 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:232 Resp: 115588
 Ion Ratio Lower Upper
 232 100
 131 51.2 0.0 0.0#
 130 2.3 0.0 0.0#
 166 33.2 0.0 0.0#





#59

Diethylphthalate

Concen: 47.26 ng

RT: 11.63 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

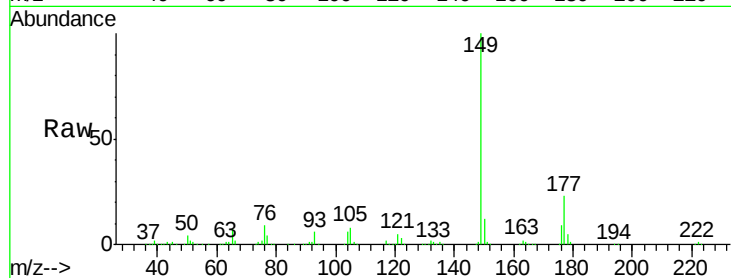
Tgt Ion:149 Resp: 511239

Ion Ratio Lower Upper

149 100

177 23.0 17.5 26.3

150 12.2 9.6 14.4

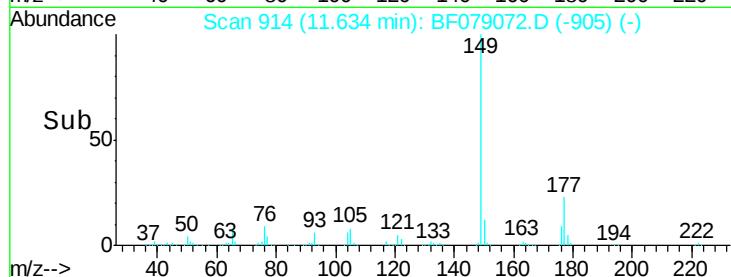


Abundance Ion 149.00 (148.70 to 149.70): E

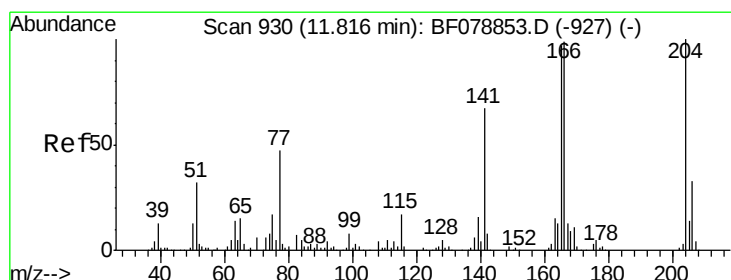
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

11.63



Time--> 11.55 11.60 11.65 11.70



#60

4-Chlorophenyl-phenylether

Concen: 46.20 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

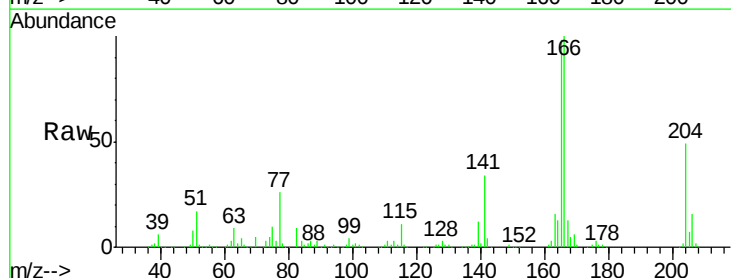
Tgt Ion:204 Resp: 219486

Ion Ratio Lower Upper

204 100

206 31.8 26.9 40.3

141 69.2 48.3 72.5

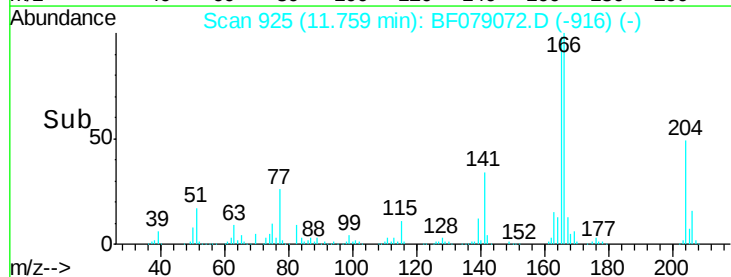


Abundance Ion 204.00 (203.70 to 204.70): E

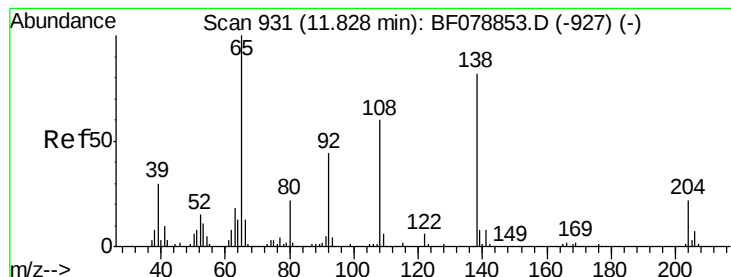
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

11.76



Time--> 11.70 11.75 11.80



#61

4-Nitroaniline

Concen: 41.44 ng

RT: 11.78 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

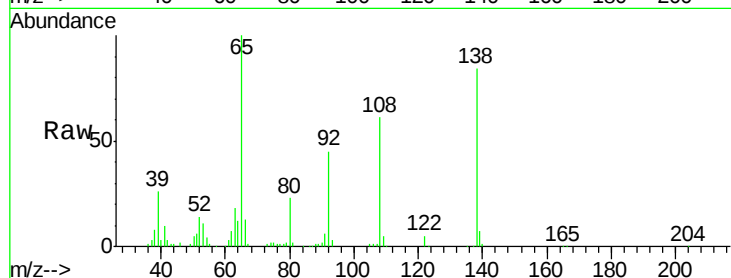
Tgt Ion:138 Resp: 111590

Ion Ratio Lower Upper

138 100

92 53.1 28.0 68.0

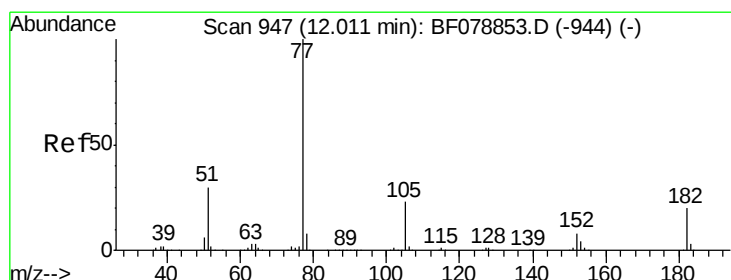
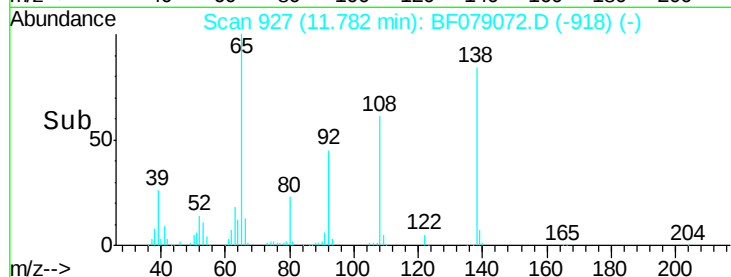
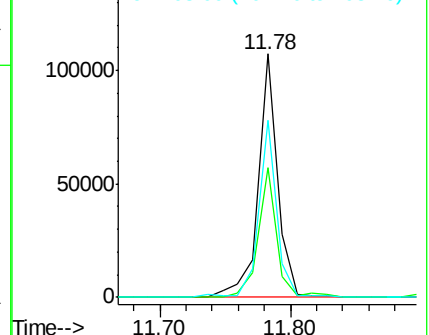
108 72.5 56.3 96.3



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: 48.84 ng

RT: 11.95 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Tgt Ion: 77 Resp: 520627

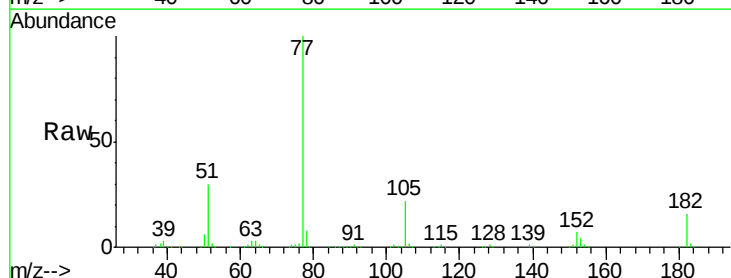
Ion Ratio Lower Upper

77 100

182 16.0 3.8 43.8

105 21.7 3.9 43.9

51 30.3 10.8 50.8

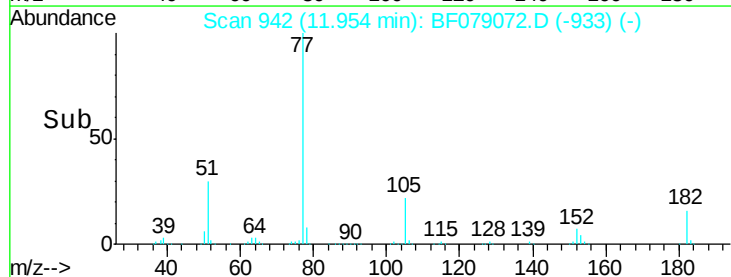
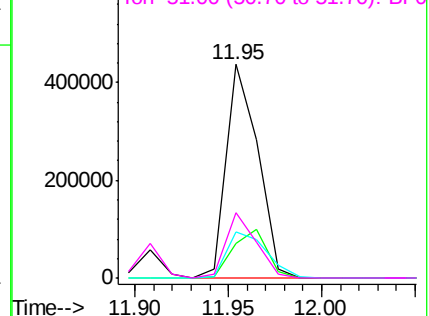


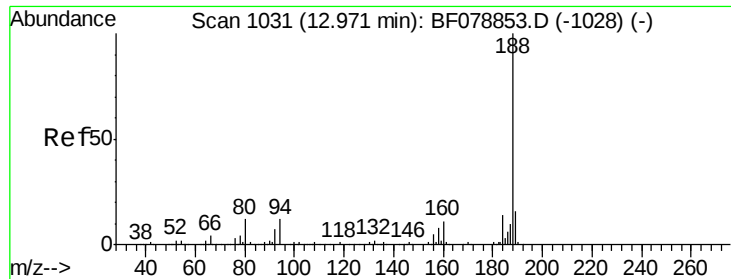
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.91 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

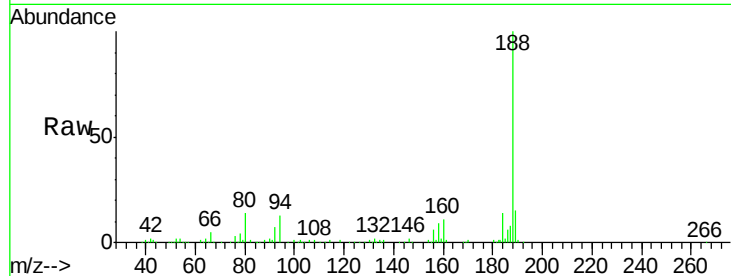
Tgt Ion:188 Resp: 274195

Ion Ratio Lower Upper

188 100

94 12.7 8.2 12.2#

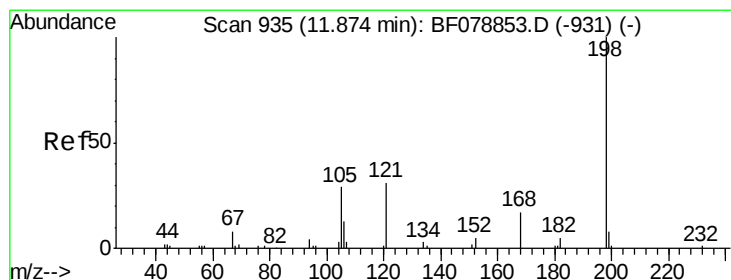
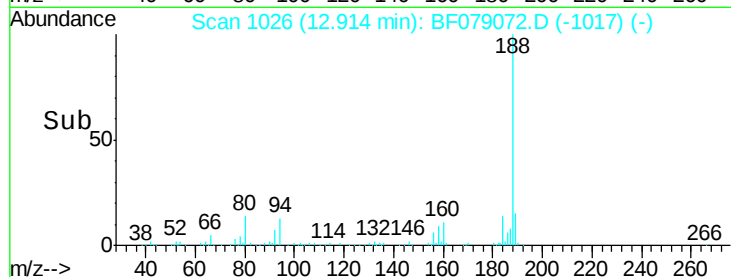
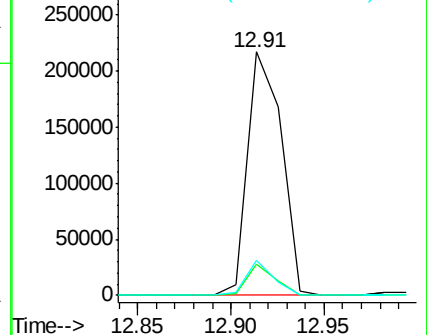
80 14.1 8.9 13.3#



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: 50.68 ng

RT: 11.83 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

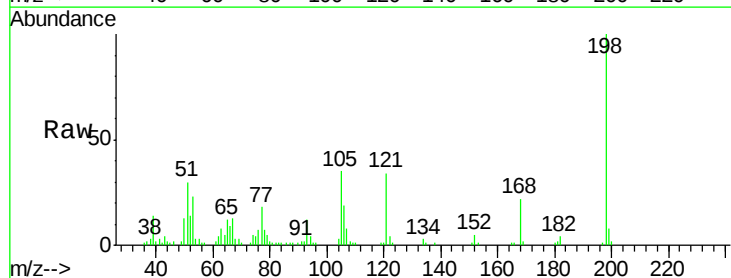
Tgt Ion:198 Resp: 59281

Ion Ratio Lower Upper

198 100

51 30.2 47.3 87.3#

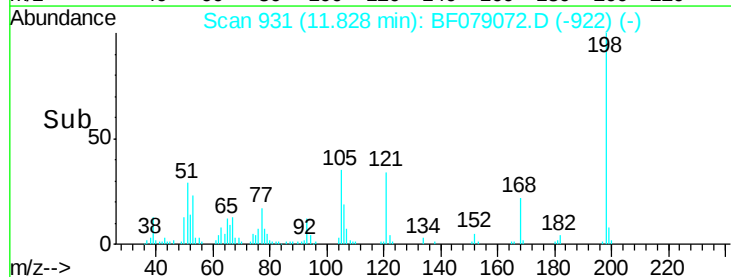
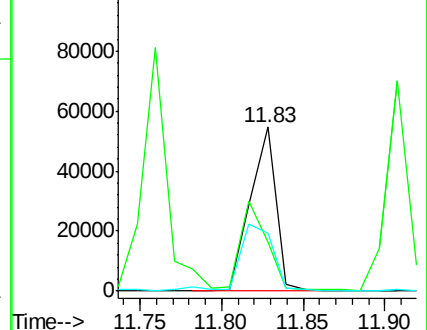
105 35.2 38.8 78.8#

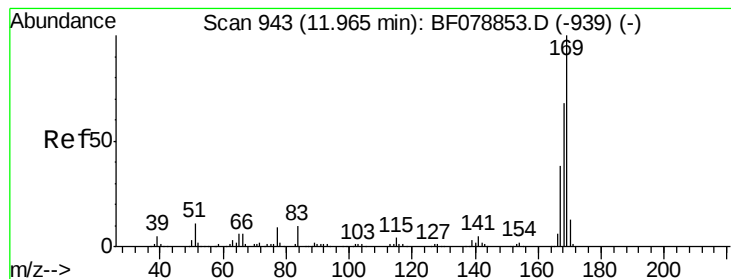


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.95 ng

RT: 11.91 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

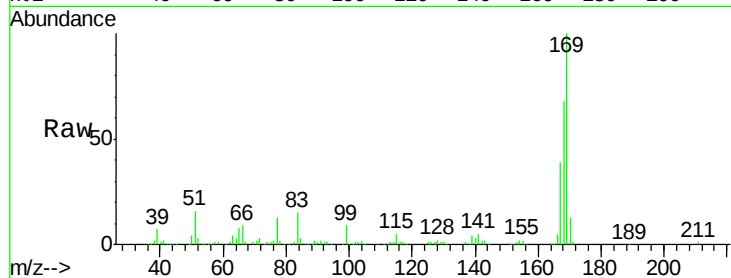
Tgt Ion:169 Resp: 428688

Ion Ratio Lower Upper

169 100

168 68.5 54.6 82.0

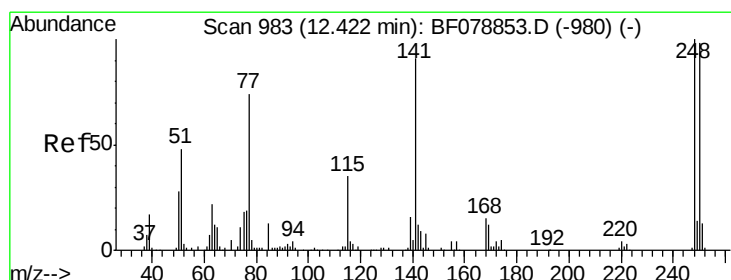
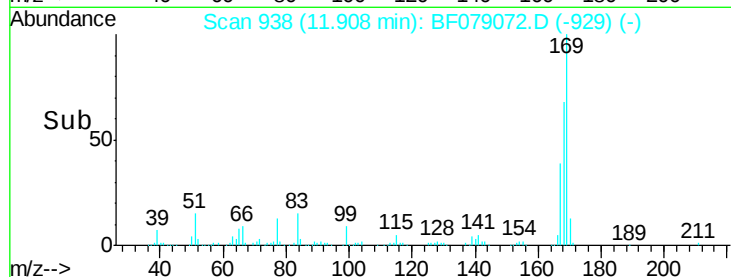
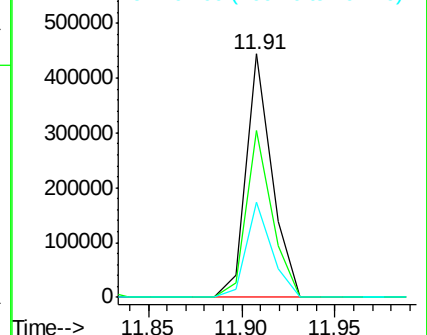
167 38.8 30.6 45.8



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: 47.21 ng

RT: 12.37 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

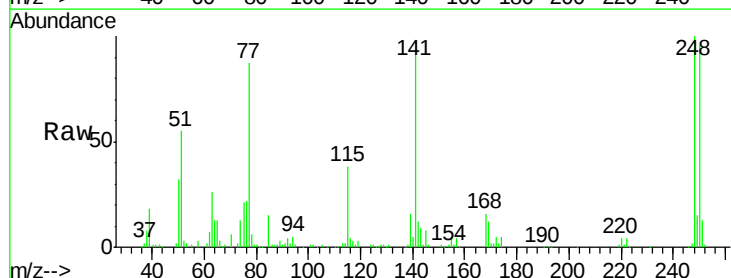
Tgt Ion:248 Resp: 134926

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

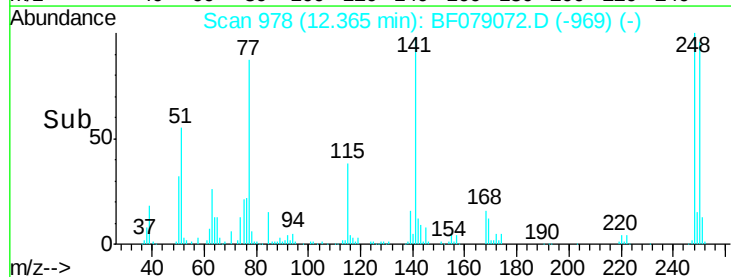
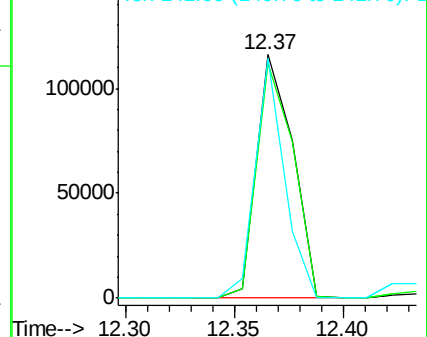
141 98.4 58.8 88.2#

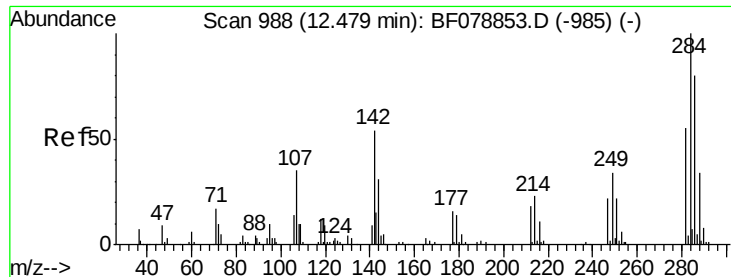


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

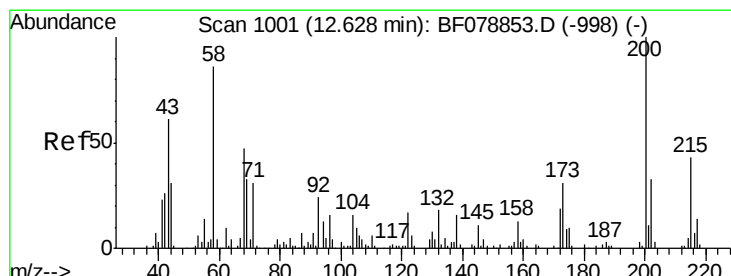
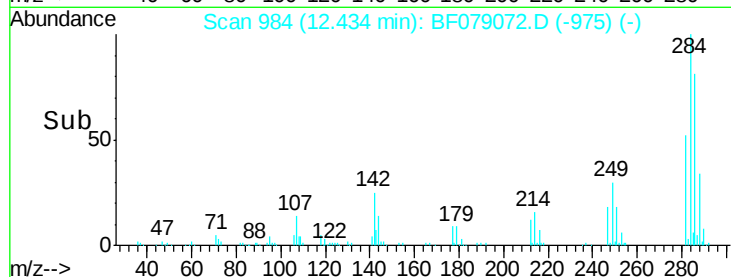
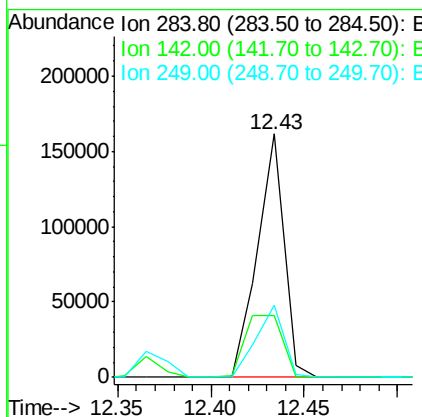
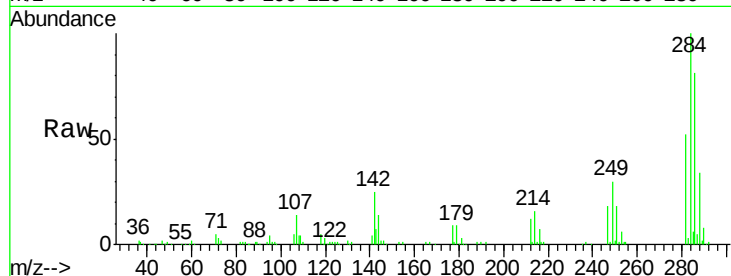




#67
Hexachlorobenzene
Concen: 48.91 ng
RT: 12.43 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

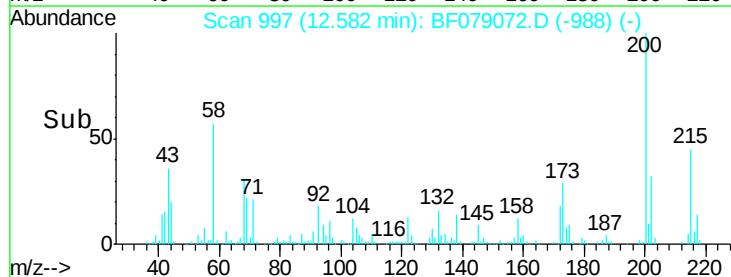
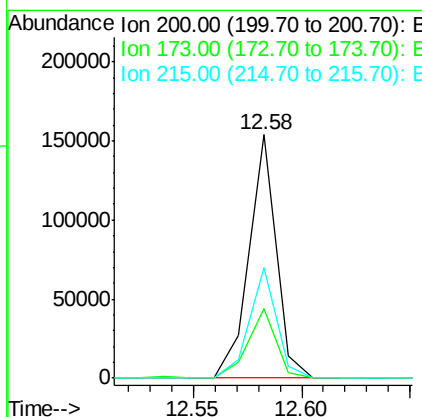
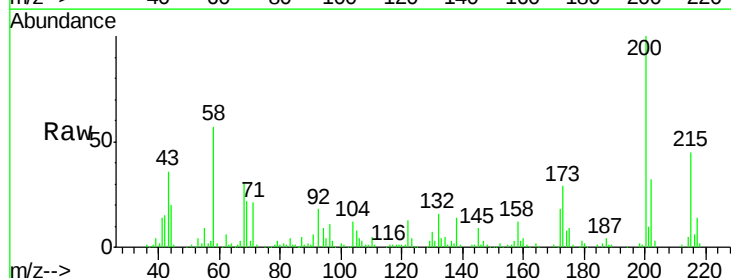
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

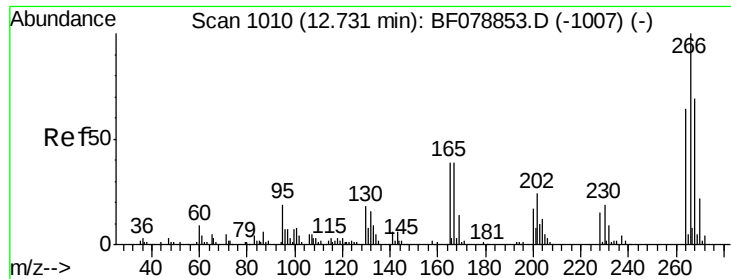
Tgt Ion:284 Resp: 159768
Ion Ratio Lower Upper
284 100
142 25.5 35.2 52.8#
249 29.6 25.4 38.2



#68
Atrazine
Concen: 50.29 ng
RT: 12.58 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:200 Resp: 133532
Ion Ratio Lower Upper
200 100
173 28.8 8.1 48.1
215 45.4 22.9 62.9

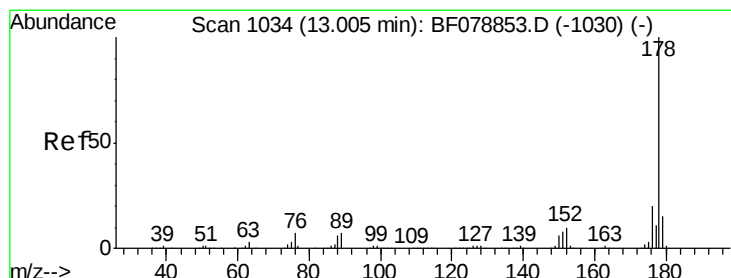
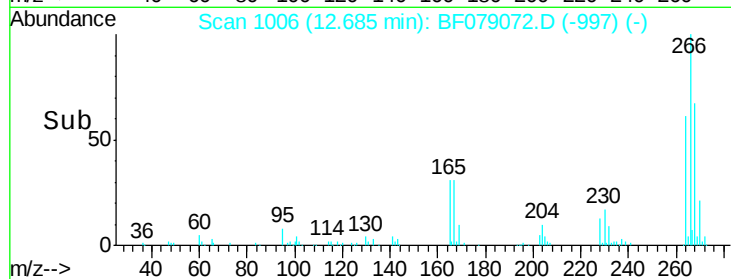
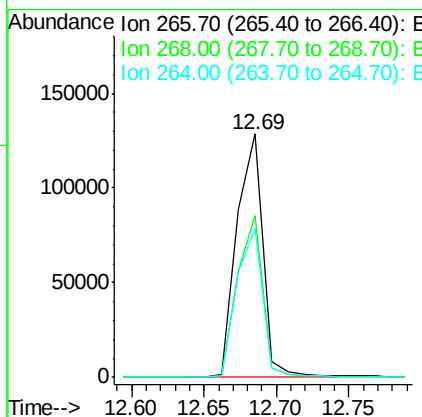
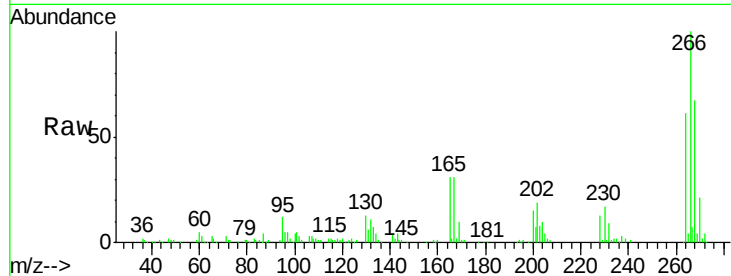




#69
 Pentachlorophenol
 Concen: 83.30 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

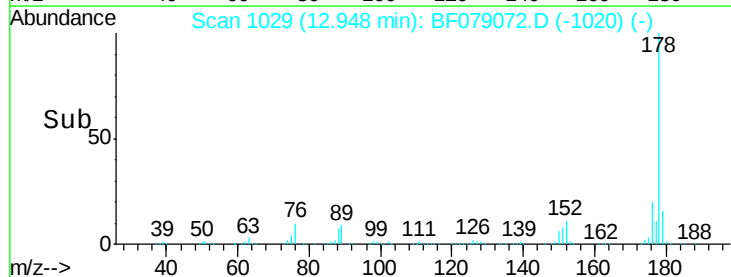
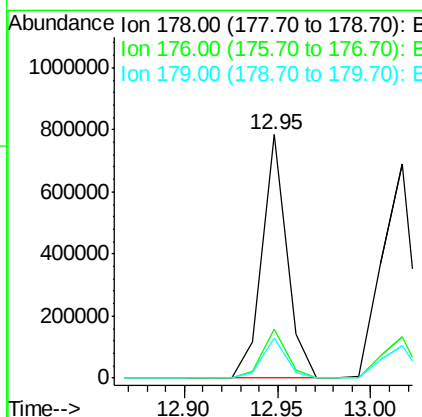
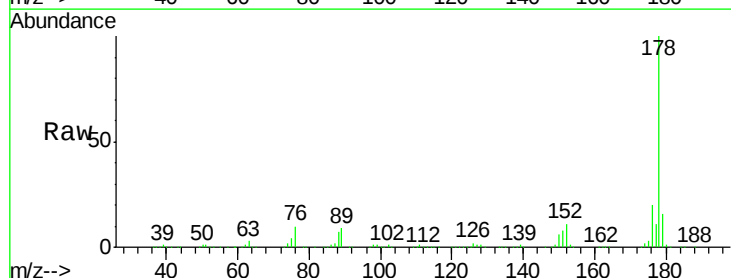
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

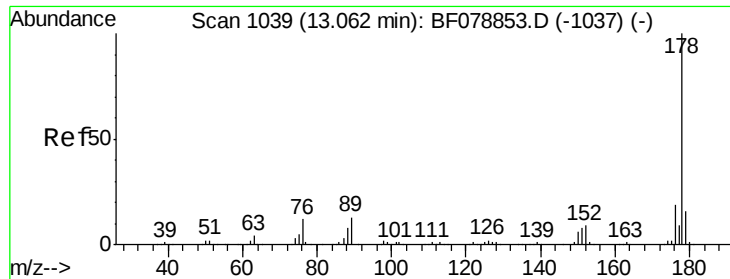
Tgt Ion: 266 Resp: 159788
 Ion Ratio Lower Upper
 266 100
 268 66.6 55.0 82.6
 264 61.1 48.2 72.2



#70
 Phenanthrene
 Concen: 46.74 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion: 178 Resp: 716945
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 16.3 12.5 18.7

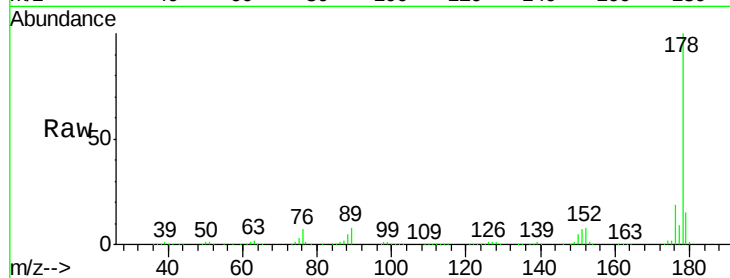




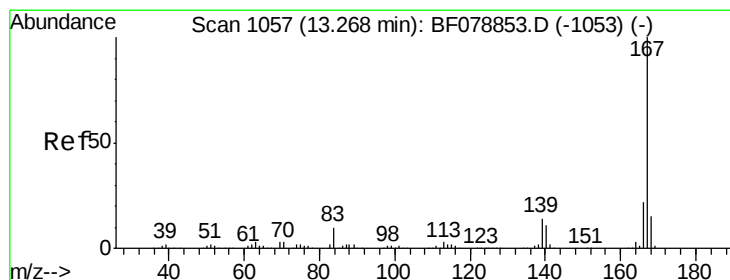
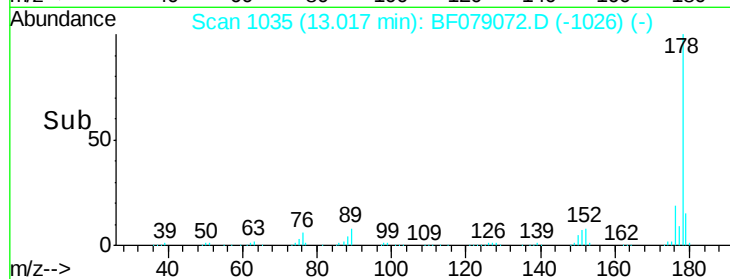
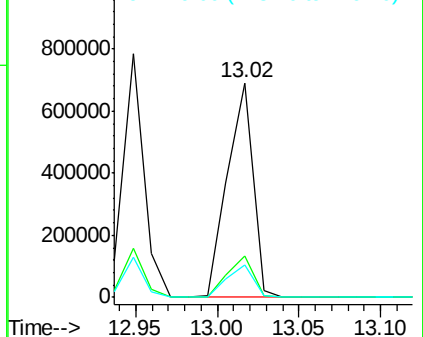
#71
 Anthracene
 Concen: 49.58 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:178 Resp: 746156
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.2 12.7 19.1

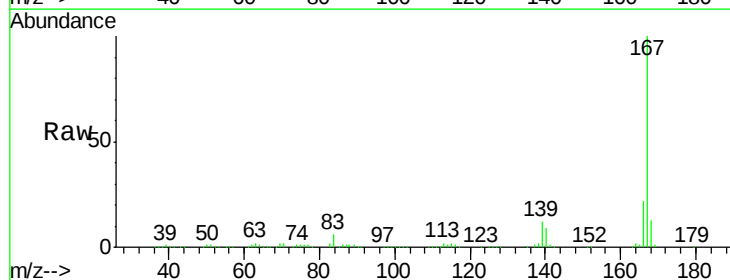


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

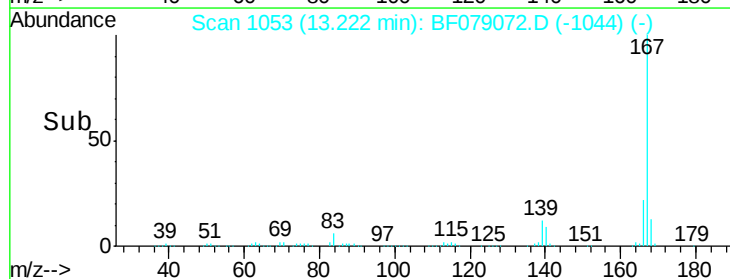
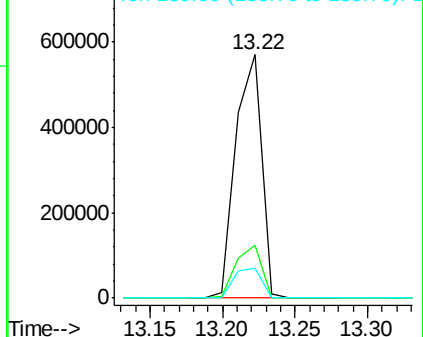


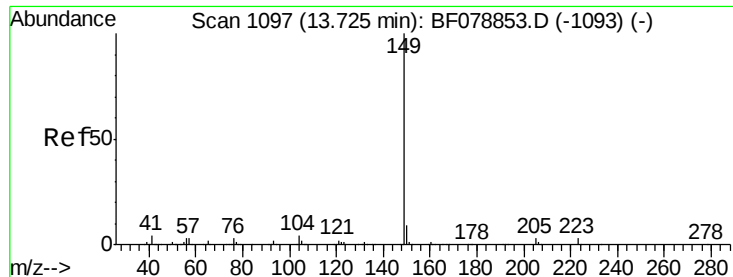
#72
 Carbazole
 Concen: 49.46 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:167 Resp: 709446
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.3 10.6 16.0



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





#73

Di-n-butylphthalate

Concen: 49.93 ng

RT: 13.67 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

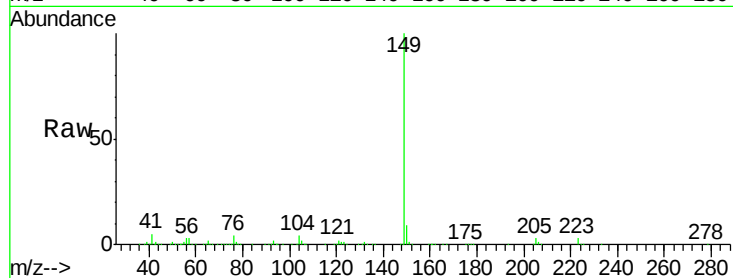
Tgt Ion:149 Resp: 858783

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

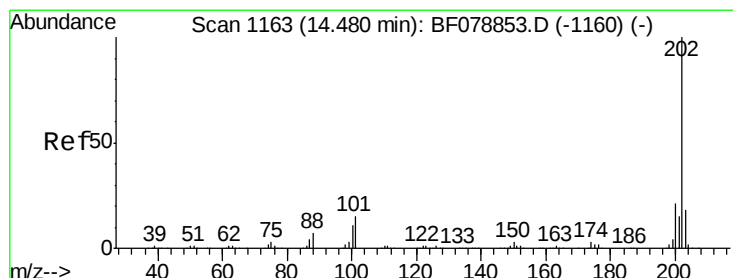
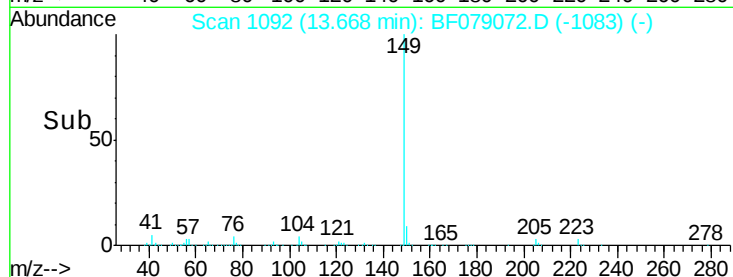
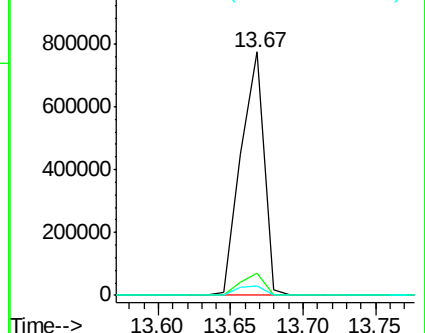
104 4.1 4.6 7.0#



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: 47.88 ng

RT: 14.42 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

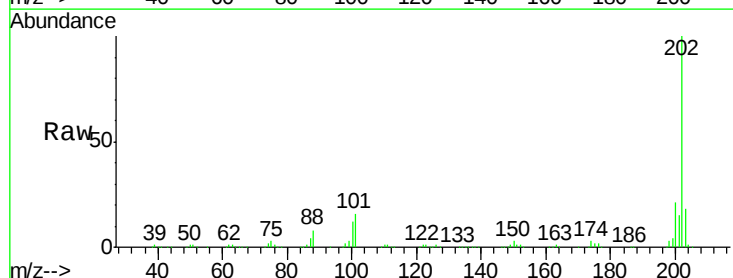
Tgt Ion:202 Resp: 765363

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

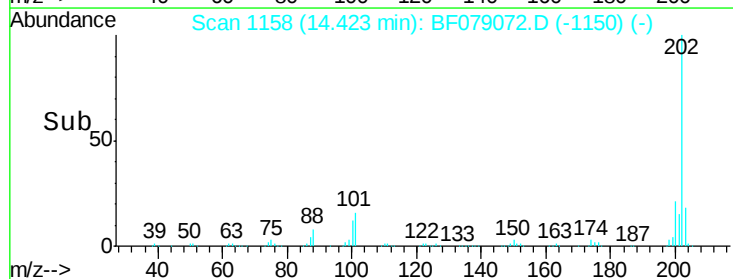
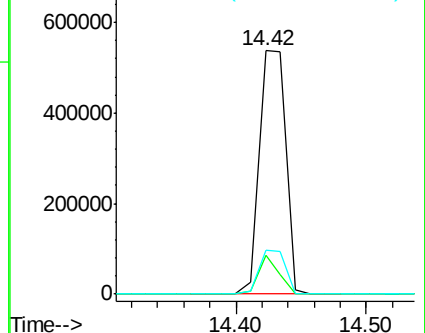
203 18.3 0.0 38.4

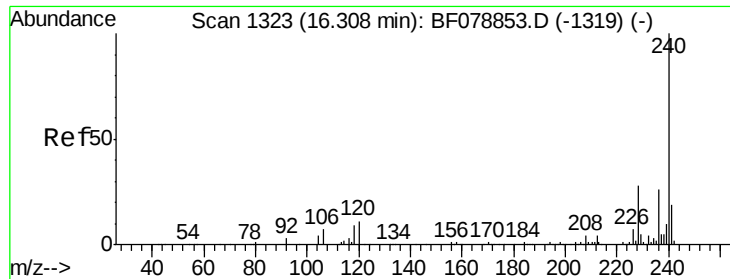


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

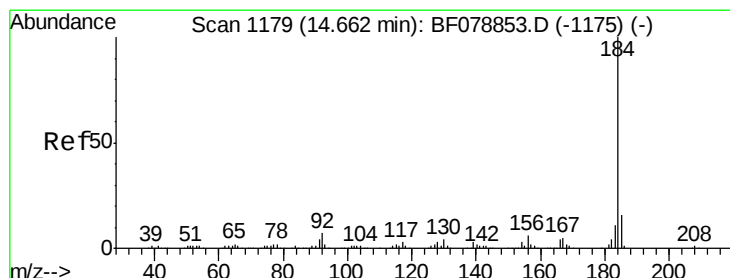
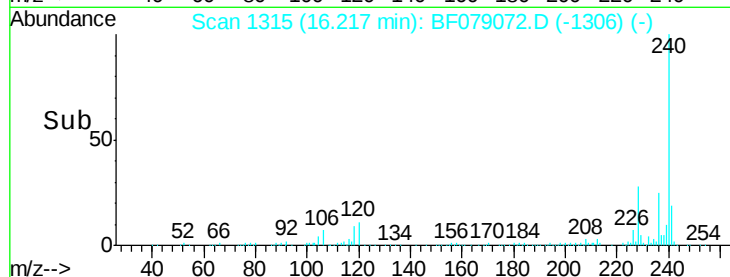
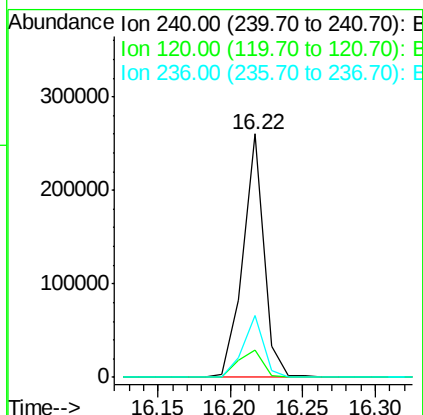
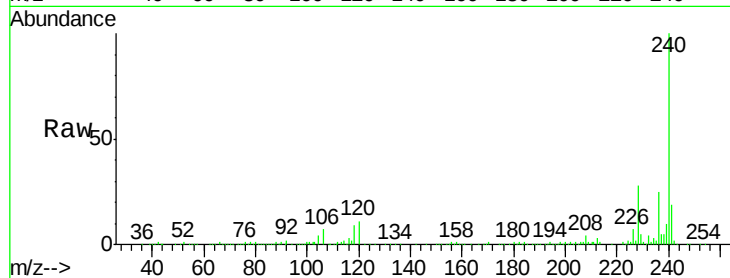




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

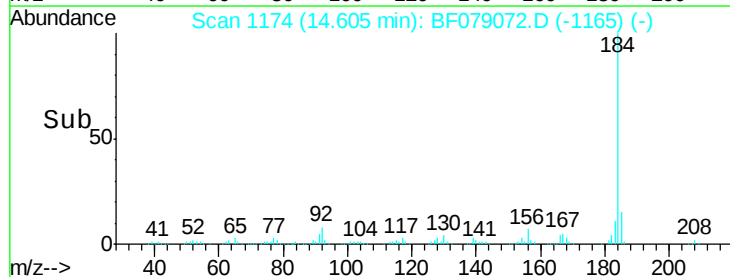
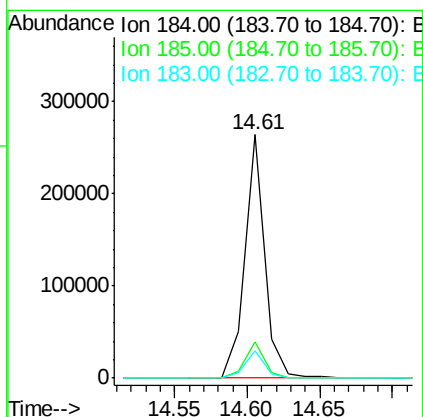
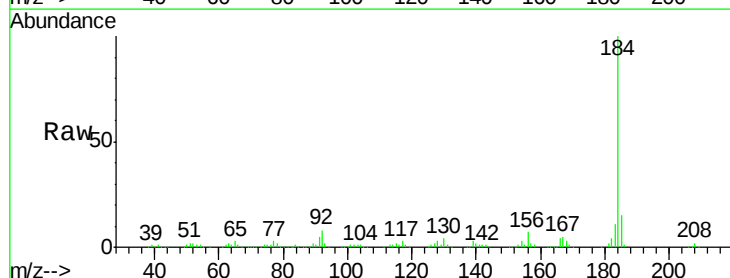
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

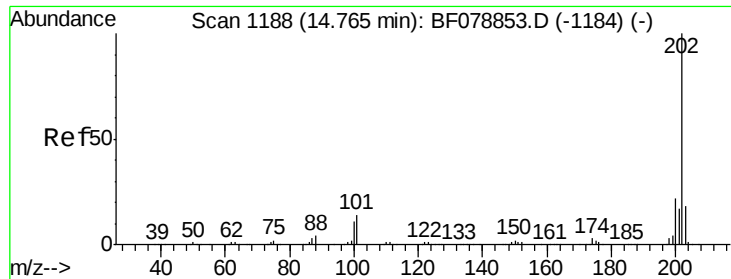
Tgt Ion:240 Resp: 262085
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.5 20.2 30.4



#76
Benzidine
Concen: 35.69 ng
RT: 14.61 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:184 Resp: 252093
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 11.0 8.4 12.6

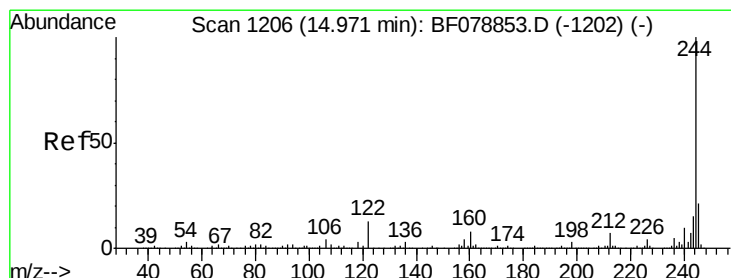
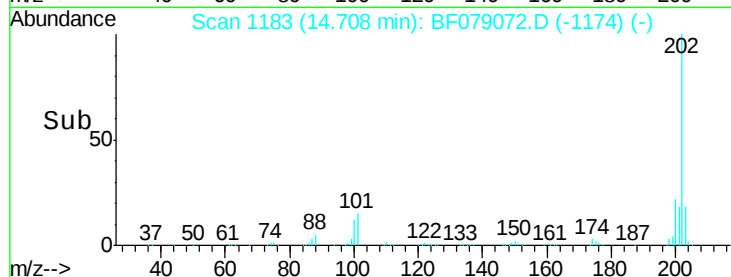
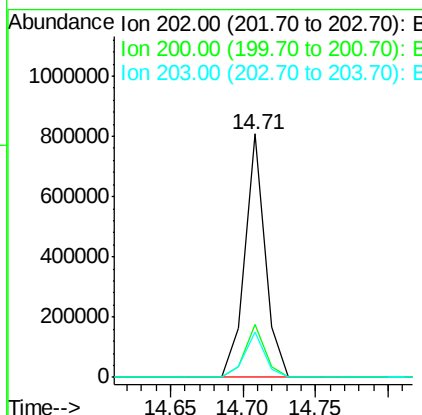
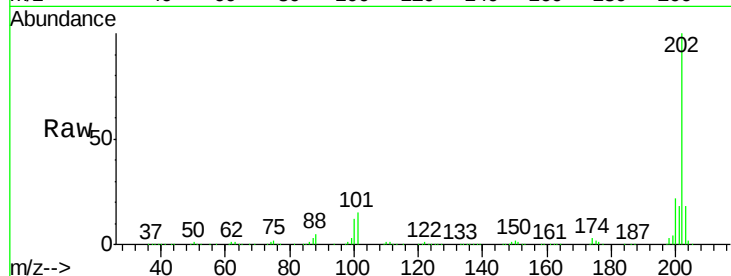




#77
 Pyrene
 Concen: 52.05 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

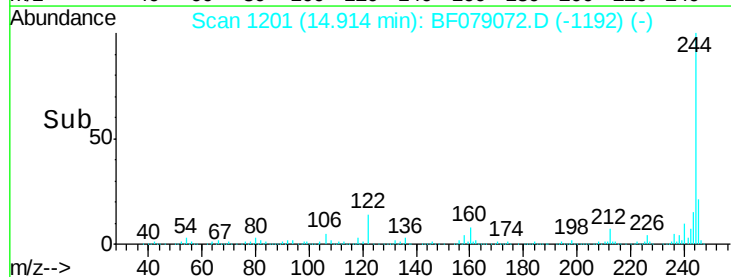
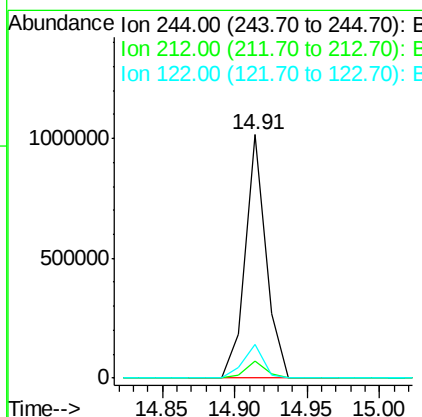
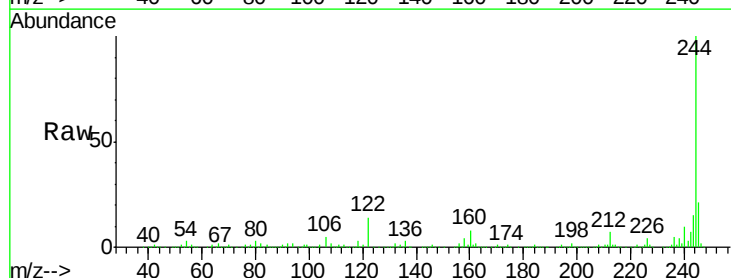
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

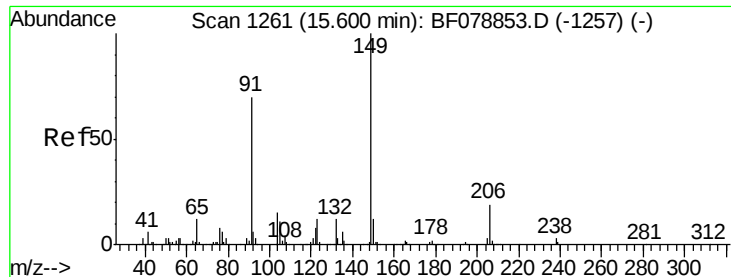
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 92.57 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	13.8	10.3	15.5

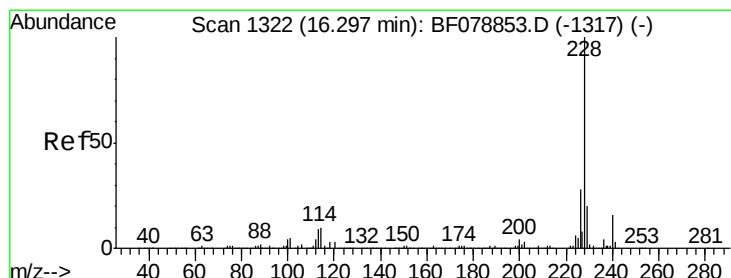
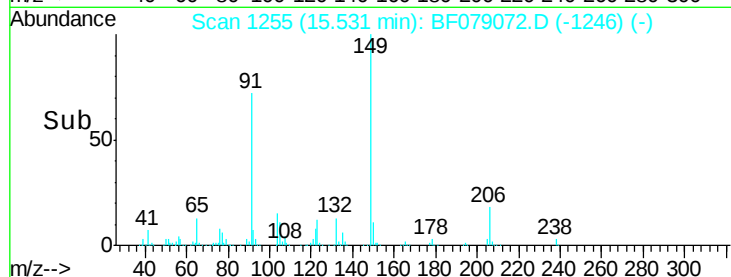
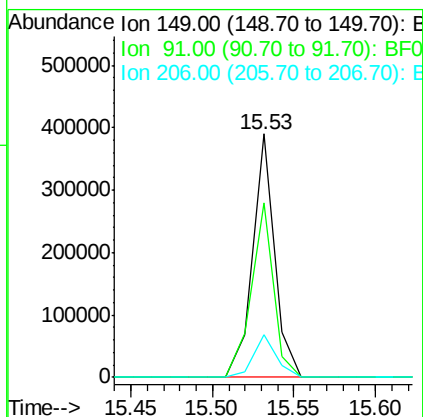
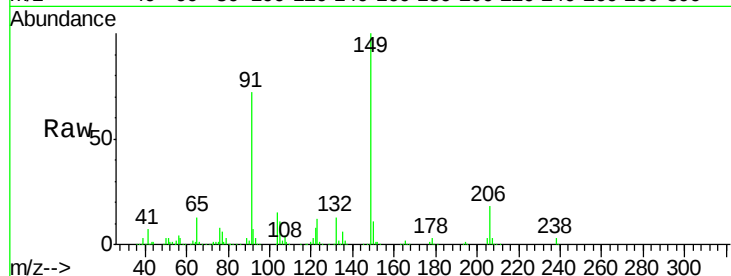




#79
Butylbenzylphthalate
Concen: 55.46 ng
RT: 15.53 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

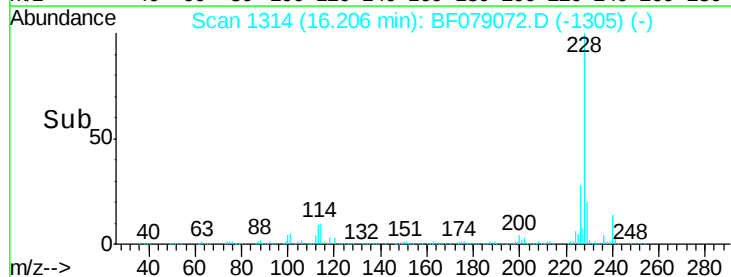
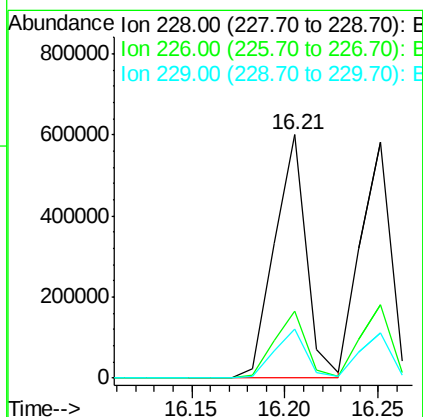
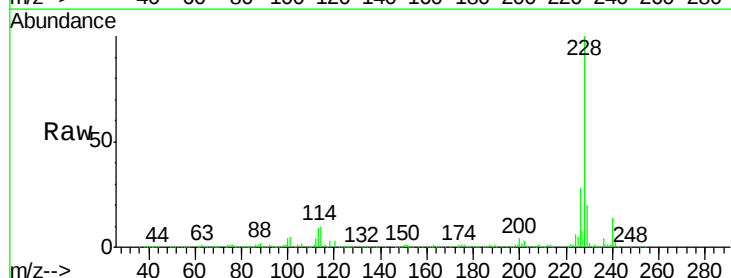
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

Tgt Ion:149 Resp: 366156
Ion Ratio Lower Upper
149 100
91 71.8 64.6 97.0
206 17.8 12.2 18.4



#80
Benzo(a)anthracene
Concen: 49.78 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion:228 Resp: 714411
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.9 23.9

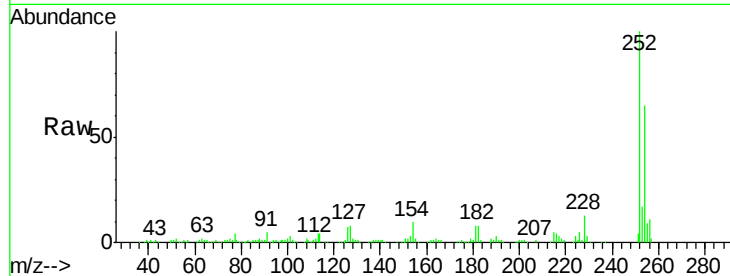




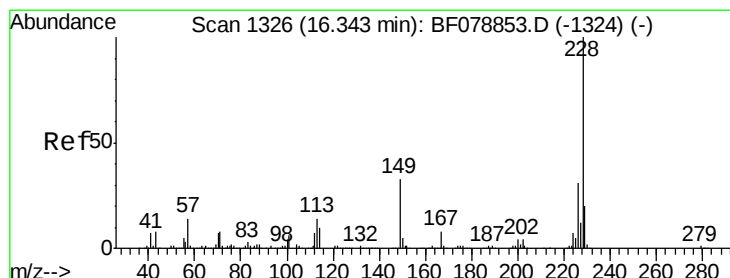
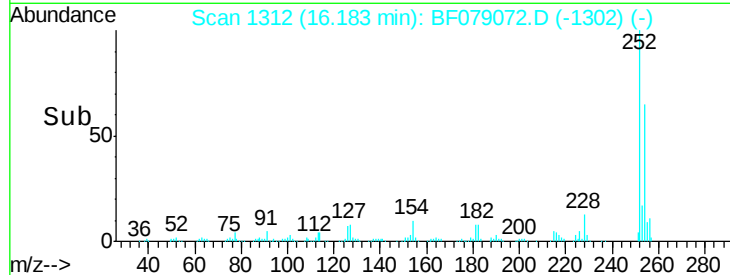
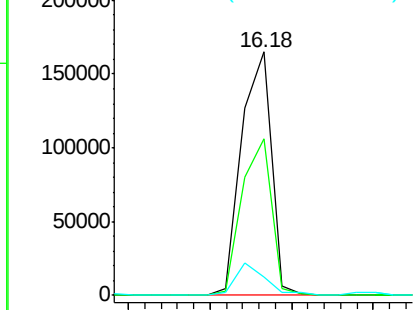
#81
 3,3'-Dichlorobenzidine
 Concen: 40.89 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion: 252 Resp: 209027
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.3 76.9
 126 7.4 6.6 10.0

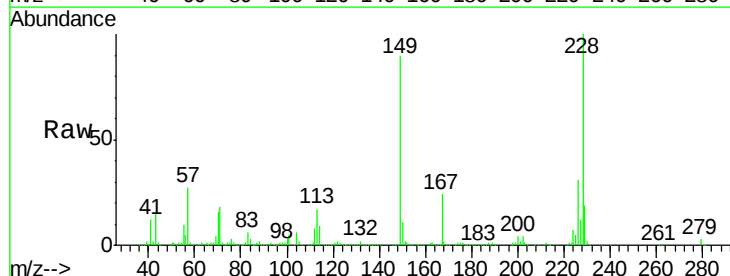


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

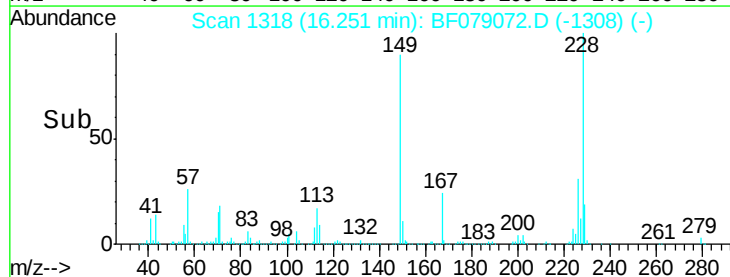
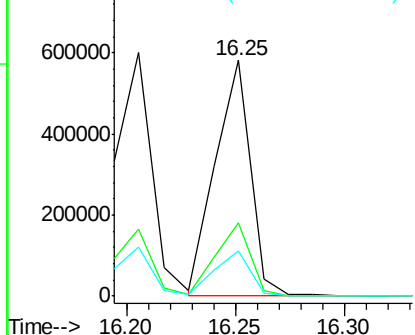


#82
 Chrysene
 Concen: 46.88 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion: 228 Resp: 647143
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.5 16.0 24.0



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

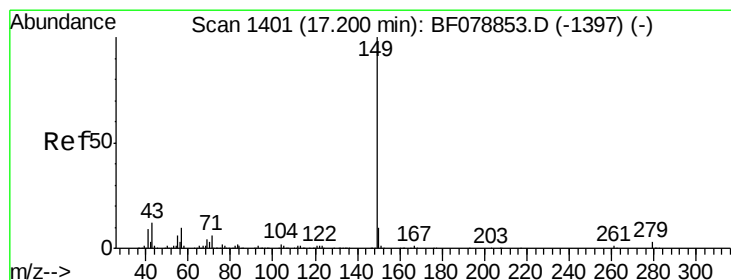
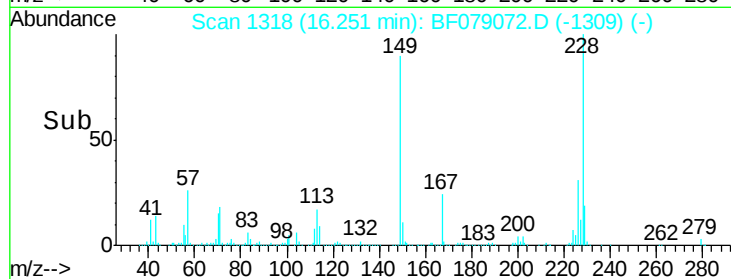
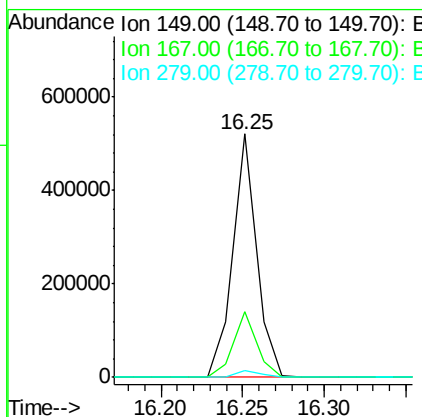
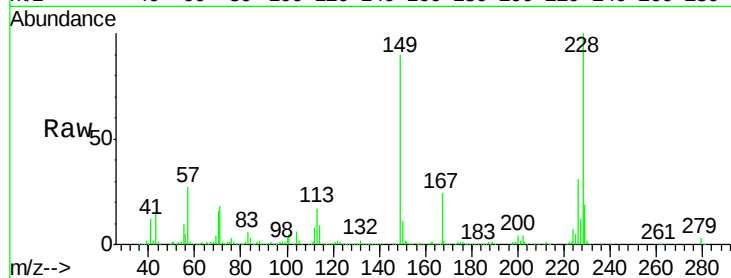




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.48 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

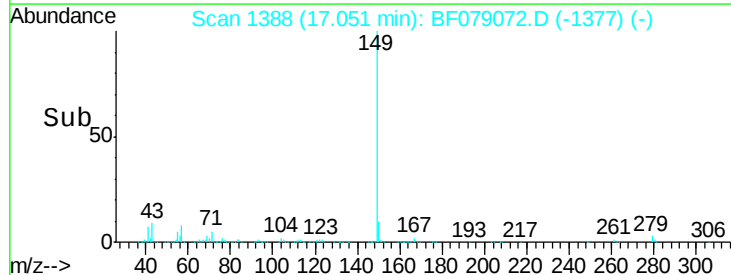
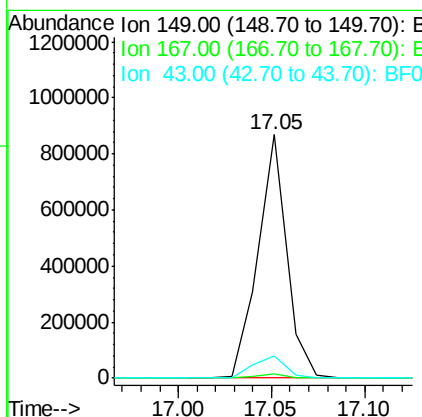
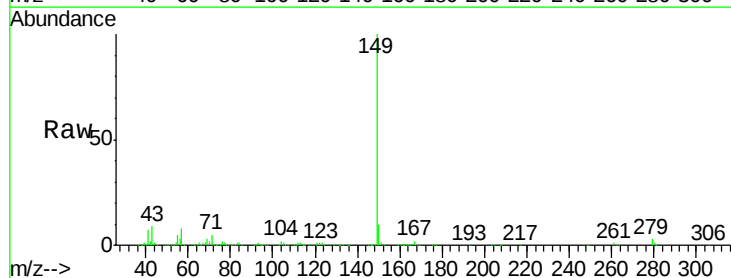
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

Tgt Ion:149 Resp: 524719
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 2.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 52.68 ng
 RT: 17.05 min Scan# 1388
 Delta R.T. 0.02 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion:149 Resp: 927756
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.3 0.0 0.0#

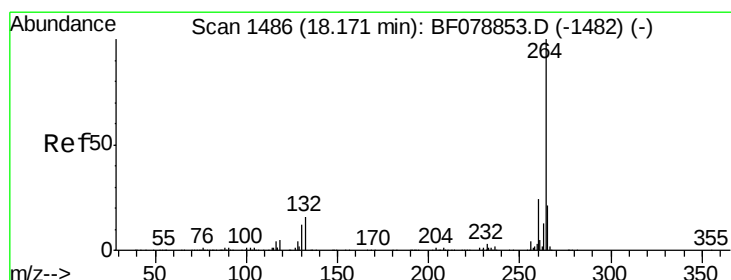
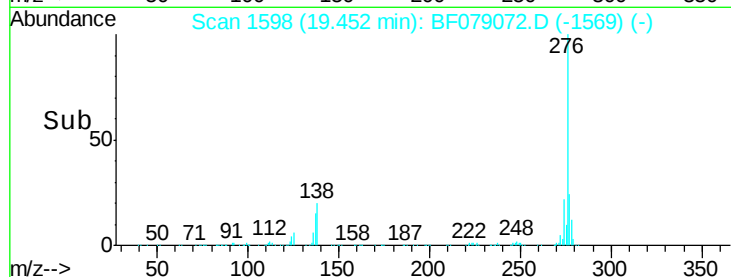
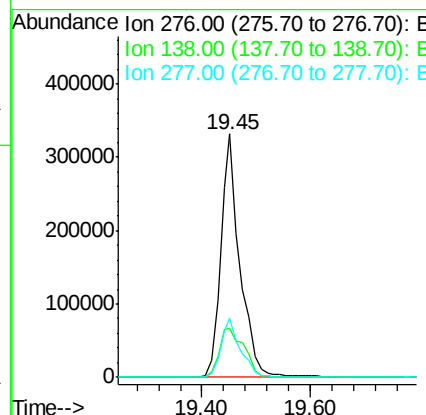
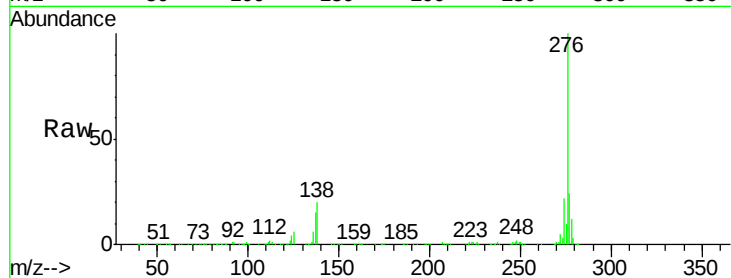




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.44 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. 0.03 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

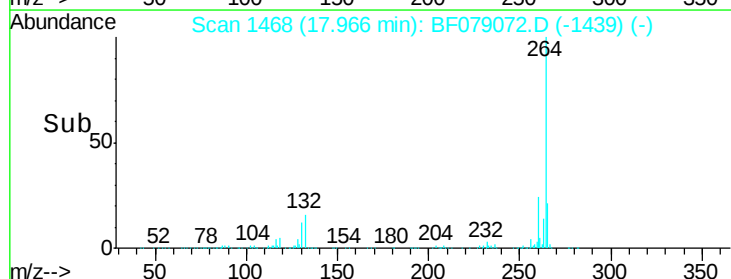
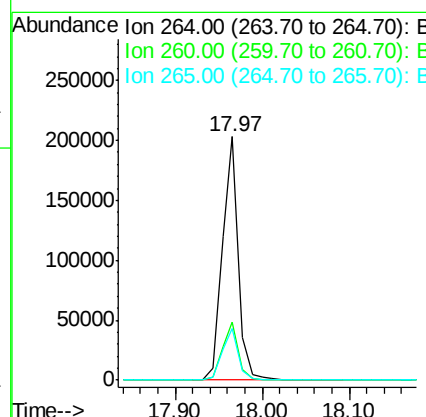
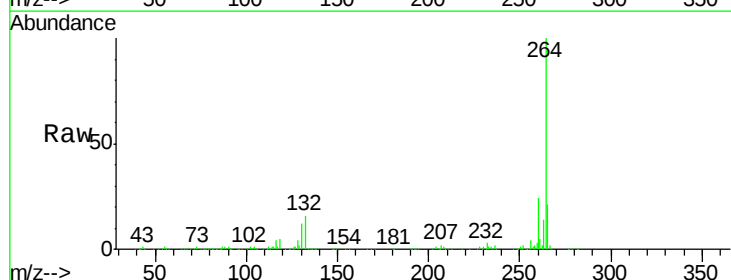
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MSD

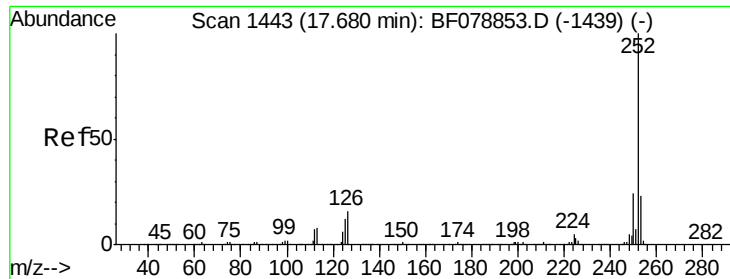
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BF079072.D
 Acq: 9 May 2015 9:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	18.3	27.5

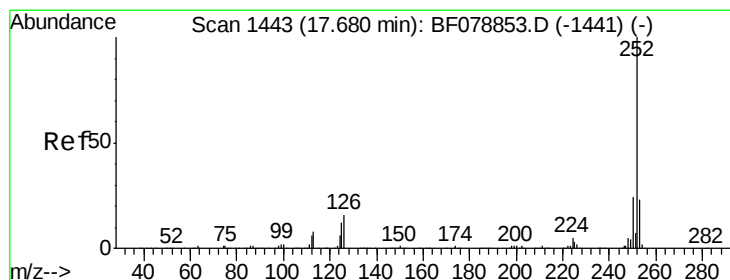
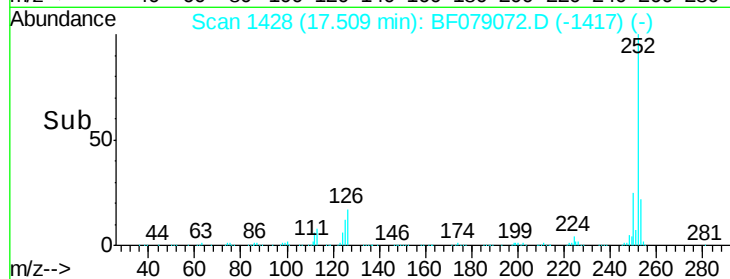
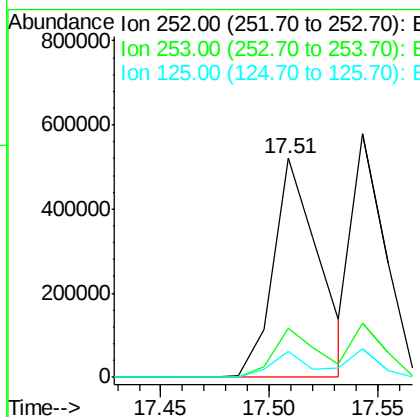
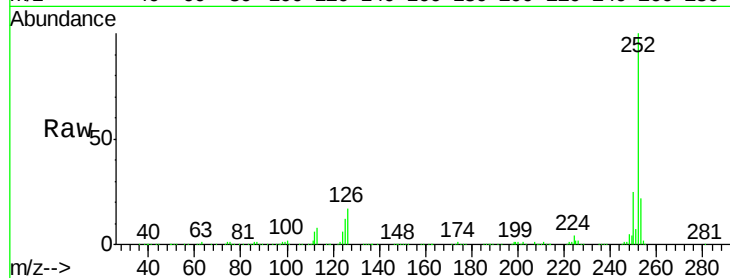




#87
Benzo(b)fluoranthene
Concen: 53.36 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

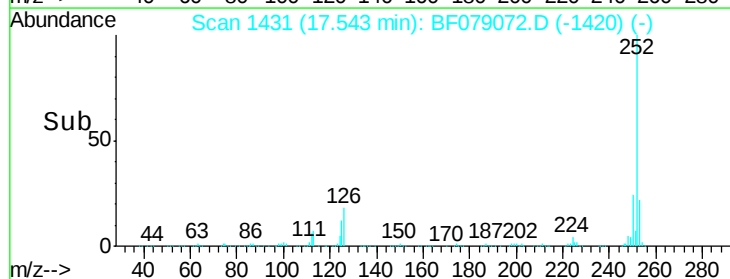
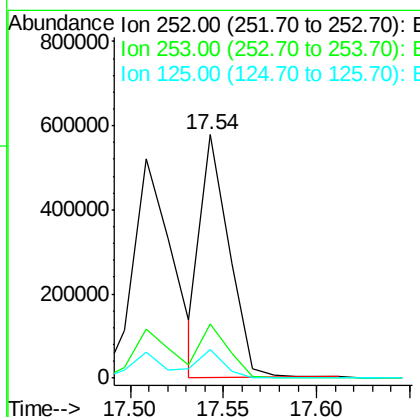
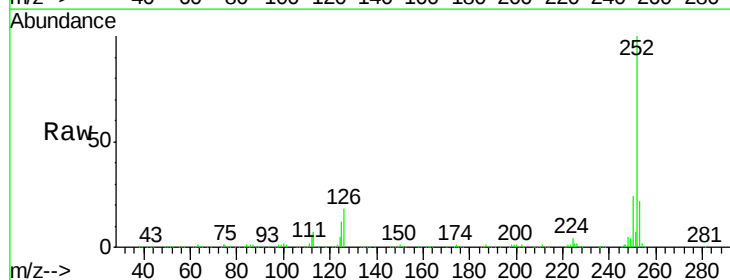
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MSD

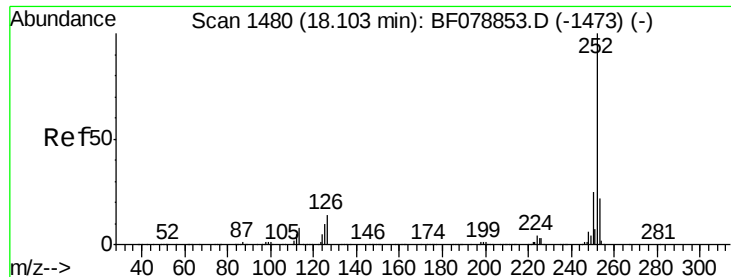
Tgt Ion: 252 Resp: 759625
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.0 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 43.82 ng
RT: 17.54 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF079072.D
Acq: 9 May 2015 9:29

Tgt Ion: 252 Resp: 603940
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.9 10.0 15.0





#89

Benzo(a)pyrene

Concen: 50.44 ng

RT: 17.90 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

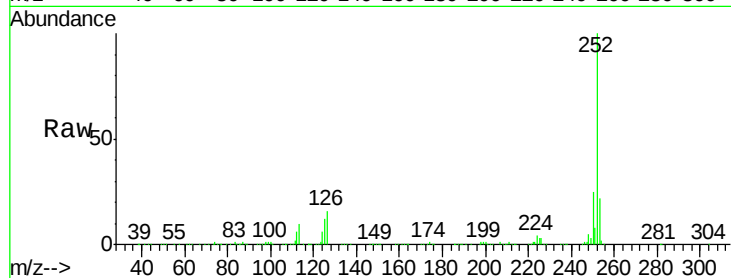
Tgt Ion:252 Resp: 661244

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

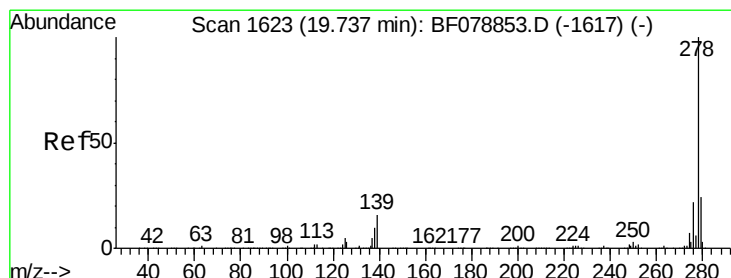
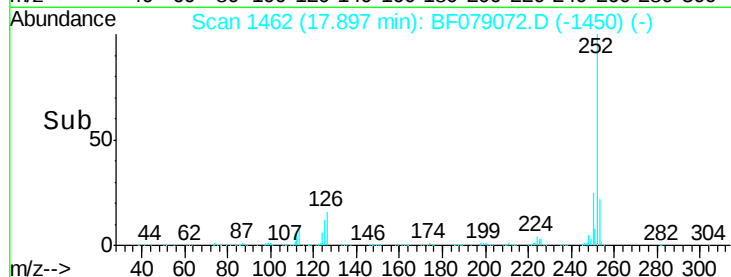
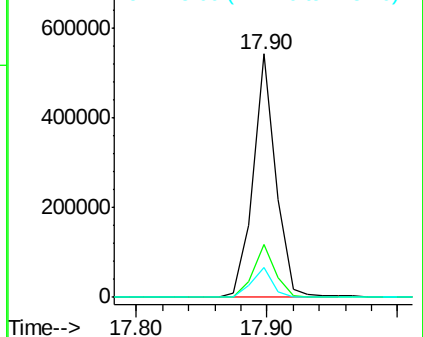
125 12.4 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.78 ng

RT: 19.47 min Scan# 1600

Delta R.T. 0.03 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

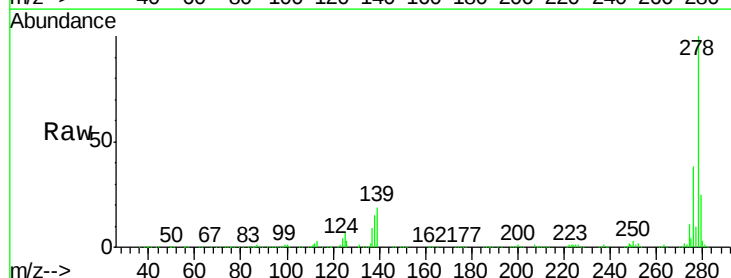
Tgt Ion:278 Resp: 651719

Ion Ratio Lower Upper

278 100

139 19.0 12.8 19.2

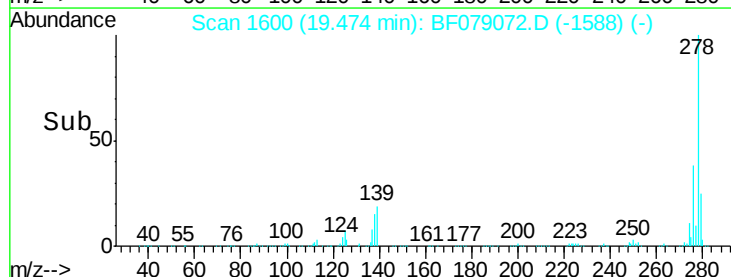
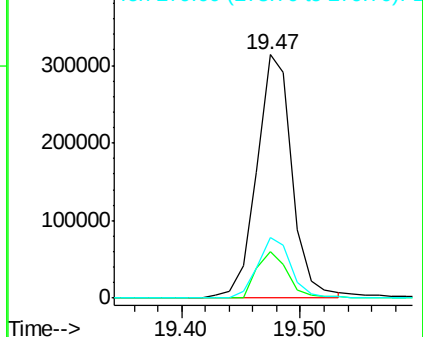
279 25.0 19.6 29.4

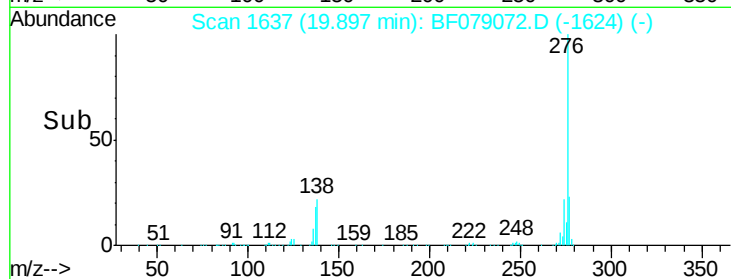
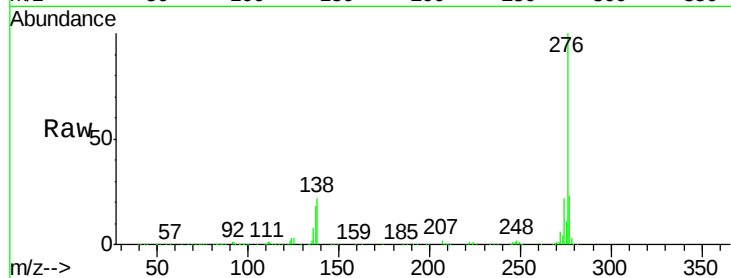
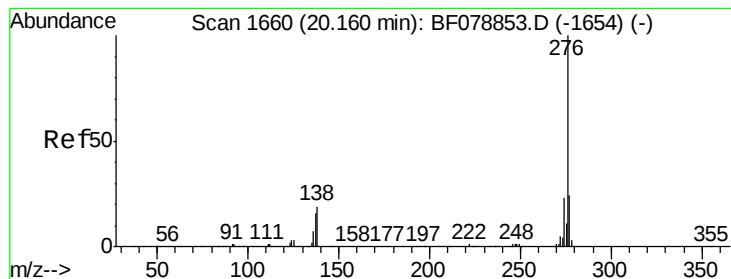


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.37 ng

RT: 19.90 min Scan# 1637

Delta R.T. 0.05 min

Lab File: BF079072.D

Acq: 9 May 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MSD

Tgt Ion: 276 Resp: 661458

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 22.2 17.4 26.0

