

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079071.D
 Acq On : 9 May 2015 9:01
 Operator : TP/IZ
 Sample : G2151-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: May 11 00:59:48 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	66254	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	281813	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	136820	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	260432	20.00	ng	0.00
75) Chrysene-d12	16.22	240	250870	20.00	ng	0.00
86) Perylene-d12	17.95	264	241927	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	467330	121.42	ng	0.01
7) Phenol-d6	6.89	99	631650	124.15	ng	0.01
23) Nitrobenzene-d5	8.01	82	346697	70.70	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	177852	120.16	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	675996	68.84	ng	0.00
78) Terphenyl-d14	14.91	244	757981	72.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	55033	32.89	ng	# 23
3) Pyridine	3.14	79	158560	32.38	ng	98
4) n-Nitrosodimethylamine	2.96	42	64246	30.62	ng	87
6) Aniline	6.91	93	117183	16.32	ng	# 68
8) 2-Chlorophenol	7.05	128	170775	39.12	ng	96
9) Benzaldehyde	6.76	77	111526	32.54	ng	90
10) Phenol	6.90	94	223924	37.94	ng	87
11) bis(2-Chloroethyl)ether	7.00	93	166668	38.52	ng	97
12) 1,3-Dichlorobenzene	7.24	146	180330	36.75	ng	# 94
13) 1,4-Dichlorobenzene	7.34	146	177404	35.13	ng	94
14) 1,2-Dichlorobenzene	7.53	146	170255	36.22	ng	96
15) Benzyl Alcohol	7.51	79	150317	39.80	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.68	45	248226	37.50	ng	99
17) 2-Methylphenol	7.64	107	140052	39.87	ng	98
18) Hexachloroethane	7.94	117	62357	35.85	ng	89
19) n-Nitroso-di-n-propylamine	7.83	70	124502	36.23	ng	98
20) 3+4-Methylphenols	7.84	107	185945	39.72	ng	# 46
22) Acetophenone	7.83	105	250405	39.33	ng	94
24) Nitrobenzene	8.03	77	179037	36.84	ng	94
25) Isophorone	8.33	82	329265	36.22	ng	100
26) 2-Nitrophenol	8.43	139	81401	40.46	ng	92
27) 2,4-Dimethylphenol	8.49	122	162529	40.37	ng	95
28) bis(2-Chloroethoxy)methane	8.62	93	205131	36.60	ng	98
29) 2,4-Dichlorophenol	8.73	162	142127	39.70	ng	93
30) 1,2,4-Trichlorobenzene	8.83	180	141512	35.99	ng	99
31) Naphthalene	8.92	128	513290	38.22	ng	99
32) Benzoic acid	8.59	122	91824	37.94	ng	98
33) 4-Chloroaniline	8.99	127	73614	12.96	ng	99
34) Hexachlorobutadiene	9.07	225	75260	33.24	ng	98
35) Caprolactam	9.42	113	46011	39.75	ng	94
36) 4-Chloro-3-methylphenol	9.60	107	153341	40.78	ng	97
37) 2-Methylnaphthalene	9.78	142	351405	37.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	137479	35.68	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	120703	62.29	ng	95

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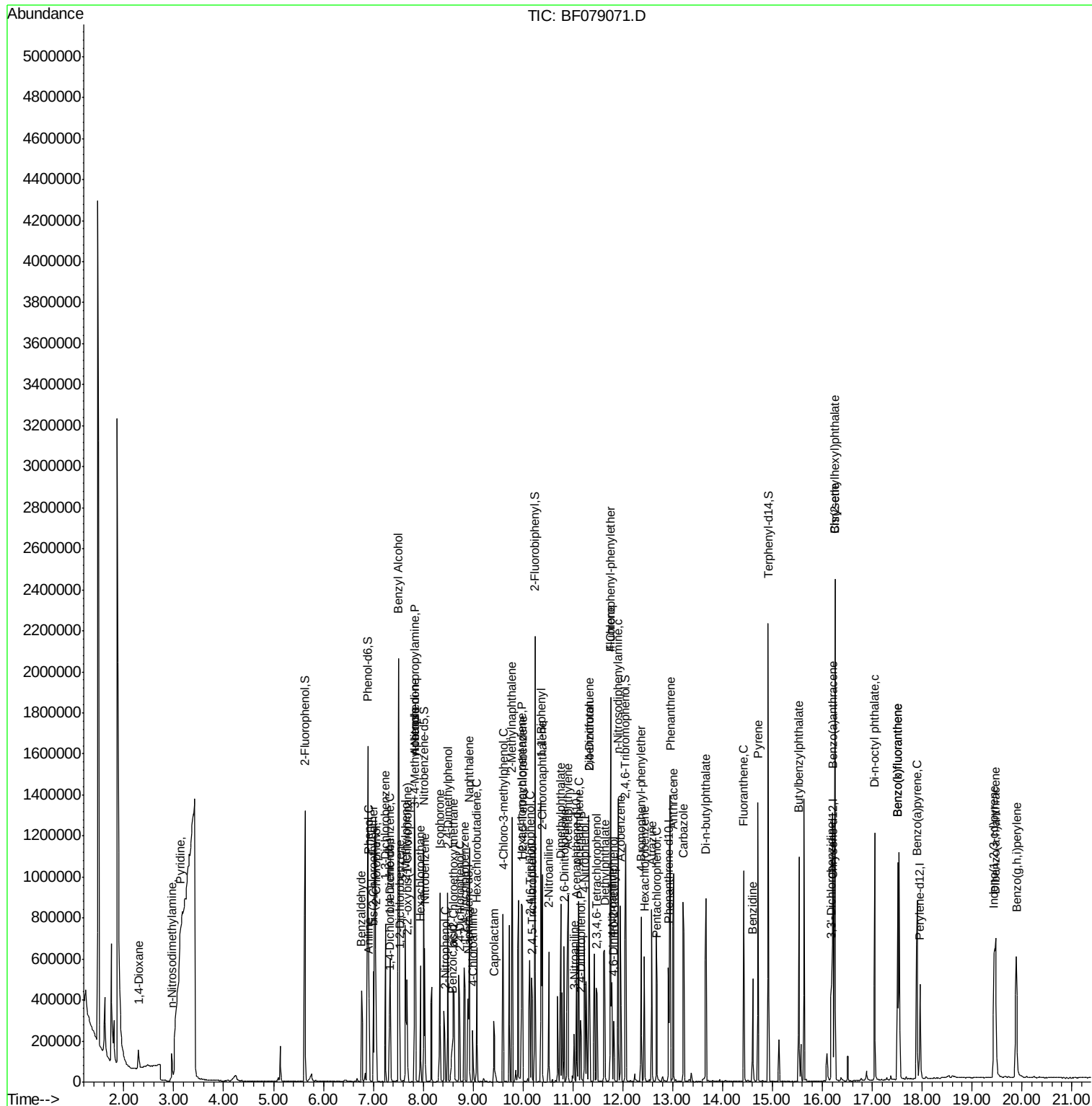
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	99815	37.68	ng	97
43) 2,4,5-Trichlorophenol	10.18	196	103133	38.51	ng #	87
45) 1,1'-Biphenyl	10.36	154	425011	39.07	ng	98
46) 2-Chloronaphthalene	10.39	162	325247	38.34	ng	95
47) 2-Nitroaniline	10.51	65	98160	39.93	ng	96
48) Acenaphthylene	10.90	152	525473	37.72	ng	98
49) Dimethylphthalate	10.75	163	423057	42.13	ng	99
50) 2,6-Dinitrotoluene	10.82	165	76154	38.43	ng	91
51) Acenaphthene	11.12	154	294150	35.41	ng	99
52) 3-Nitroaniline	11.03	138	47038	19.00	ng #	93
53) 2,4-Dinitrophenol	11.17	184	49499	66.61	ng #	68
54) Dibenzofuran	11.33	168	448909	37.41	ng	97
55) 4-Nitrophenol	11.23	139	138598	70.74	ng #	75
56) 2,4-Dinitrotoluene	11.33	165	100722	38.45	ng #	76
57) Fluorene	11.76	166	369674	37.53	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	80509	36.78	ng #	100
59) Diethylphthalate	11.63	149	361151	36.30	ng	97
60) 4-Chlorophenyl-phenylether	11.76	204	160694	36.78	ng	93
61) 4-Nitroaniline	11.78	138	87505	35.33	ng	92
62) Azobenzene	11.95	77	370429	37.79	ng	94
64) 4,6-Dinitro-2-methylphenol	11.82	198	38213	38.36	ng	85
65) n-Nitrosodiphenylamine	11.91	169	321520	37.07	ng	99
66) 4-Bromophenyl-phenylether	12.37	248	98294	36.21	ng #	84
67) Hexachlorobenzene	12.43	284	112051	36.11	ng #	79
68) Atrazine	12.58	200	101968	40.43	ng	97
69) Pentachlorophenol	12.69	266	103823	59.15	ng	99
70) Phenanthrene	12.95	178	535659	36.77	ng	100
71) Anthracene	13.02	178	546969	38.27	ng	99
72) Carbazole	13.21	167	515677	37.85	ng	98
73) Di-n-butylphthalate	13.67	149	609366	37.30	ng #	97
74) Fluoranthene	14.42	202	558733	36.80	ng	98
76) Benzidine	14.61	184	197292	29.18	ng	98
77) Pyrene	14.71	202	573050	39.64	ng	99
79) Butylbenzylphthalate	15.53	149	262592	41.55	ng	92
80) Benzo(a)anthracene	16.21	228	527063	38.37	ng	100
81) 3,3'-Dichlorobenzidine	16.18	252	139761	28.56	ng	98
82) Chrysene	16.25	228	483363	36.58	ng	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	390569	40.81	ng #	97
84) Di-n-octyl phthalate	17.05	149	662854	39.32	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.44	276	598161	35.53	ng #	100
87) Benzo(b)fluoranthene	17.51	252	595942	45.00	ng	99
88) Benzo(k)fluoranthene	17.51	252	596058	46.50	ng	98
89) Benzo(a)pyrene	17.90	252	488684	40.08	ng	100
90) Dibenzo(a,h)anthracene	19.47	278	482101	37.20	ng	99
91) Benzo(g,h,i)perylene	19.89	276	492758	37.94	ng	99

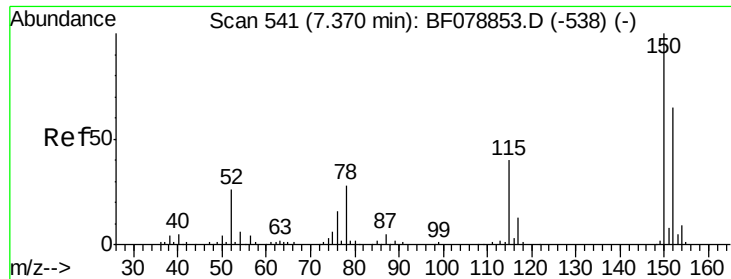
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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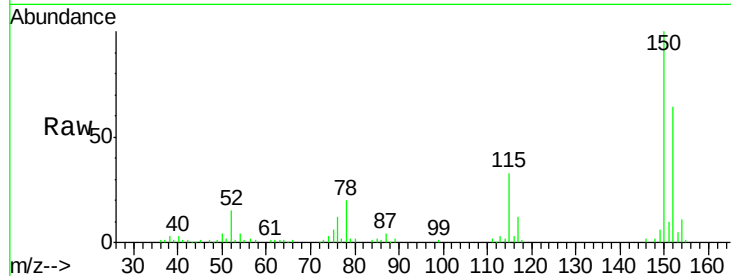




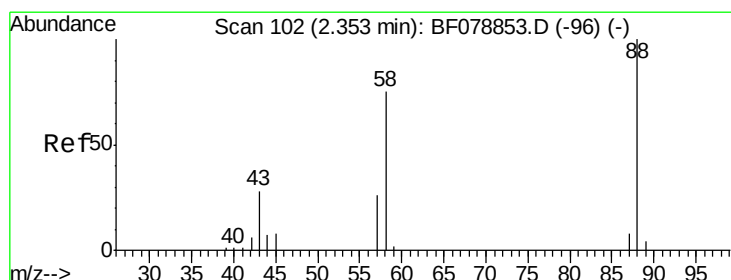
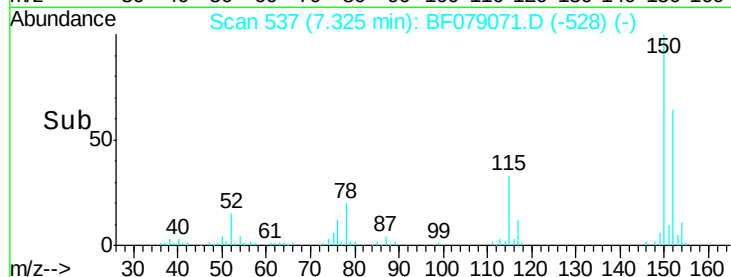
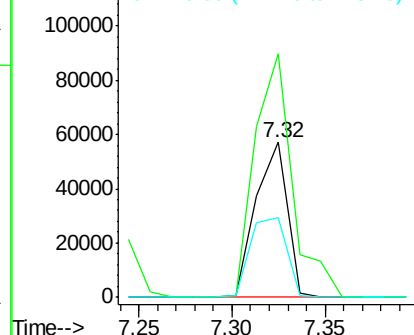
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion:152 Resp: 66254
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.0 183.0
 115 51.7 46.3 69.5

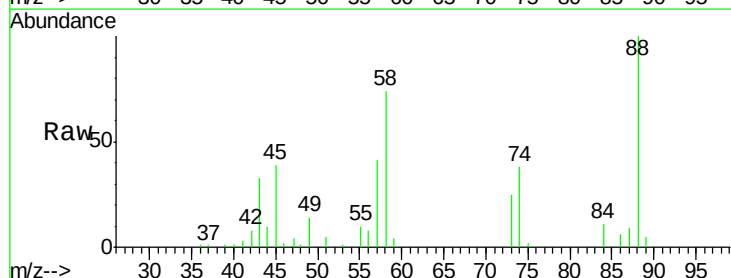


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

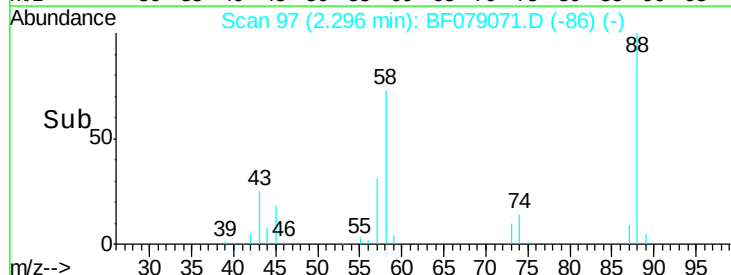
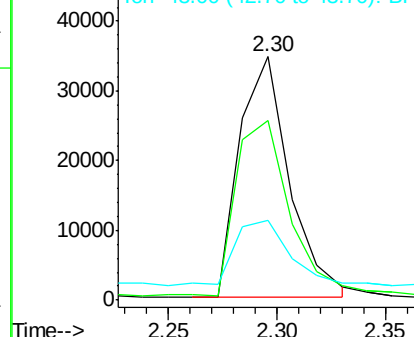


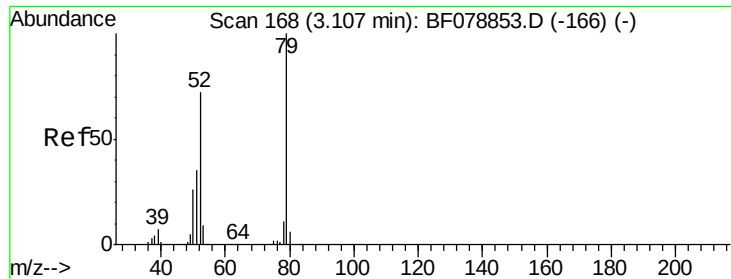
#2
 1,4-Dioxane
 Concen: 32.89 ng
 RT: 2.30 min Scan# 97
 Delta R.T. 0.02 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion: 88 Resp: 55033
 Ion Ratio Lower Upper
 88 100
 58 77.6 0.0 0.0#
 43 29.5 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: 32.38 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.13 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

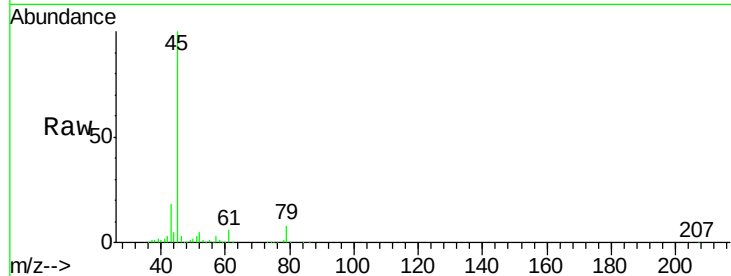
Tgt Ion: 79 Resp: 158560

Ion Ratio Lower Upper

79 100

52 70.1 57.2 85.8

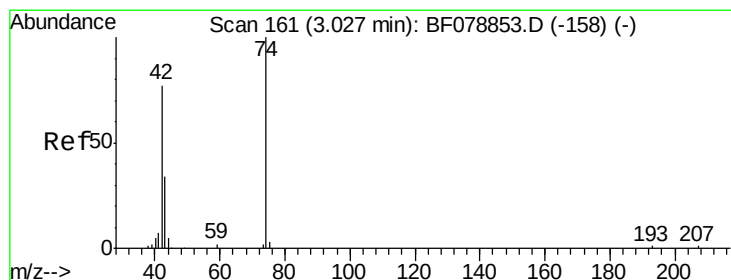
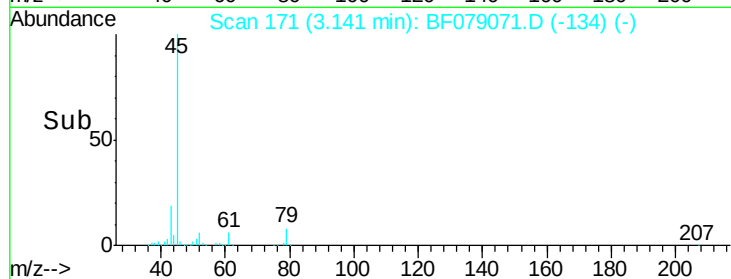
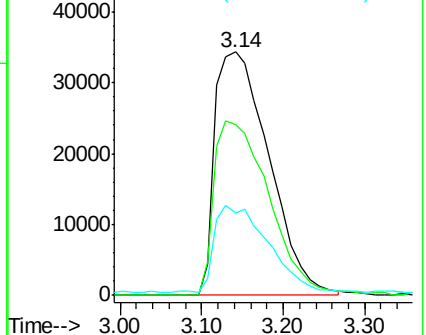
51 34.0 28.9 43.3



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: 30.62 ng

RT: 2.96 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

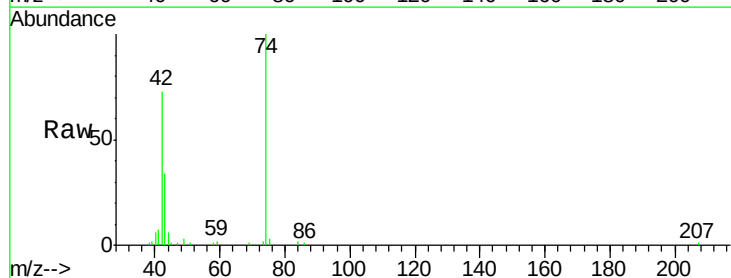
Tgt Ion: 42 Resp: 64246

Ion Ratio Lower Upper

42 100

74 136.2 96.5 144.7

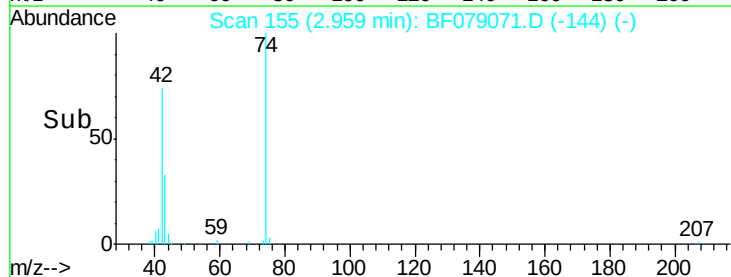
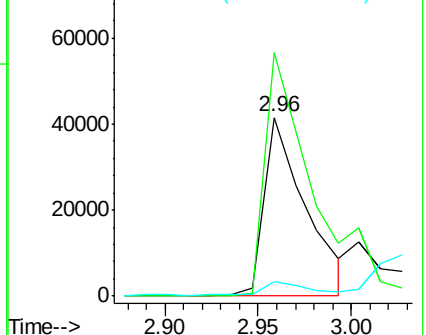
44 8.0 6.1 9.1

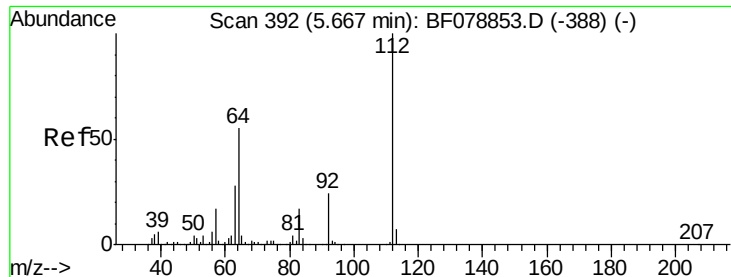


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.42 ng

RT: 5.63 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

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ClientSampleId :

TU012-SB-16-3.5MS

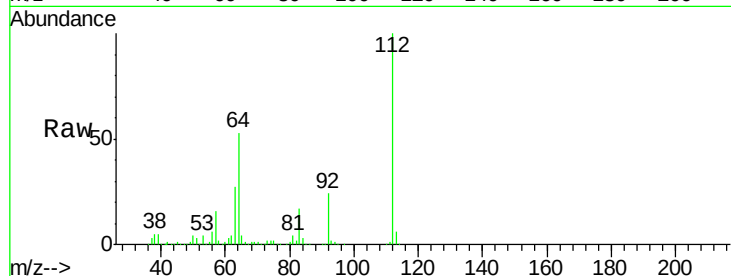
Tgt Ion:112 Resp: 467330

Ion Ratio Lower Upper

112 100

64 53.1 53.5 80.3#

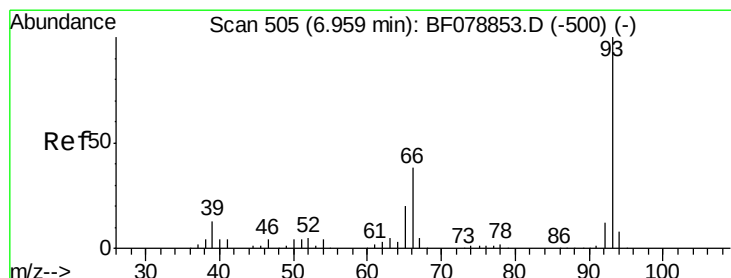
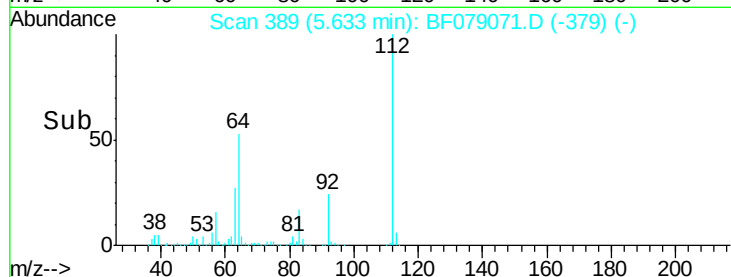
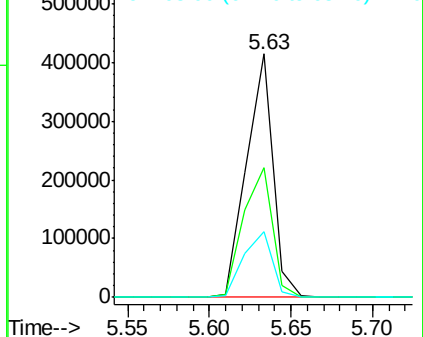
63 27.0 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.32 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

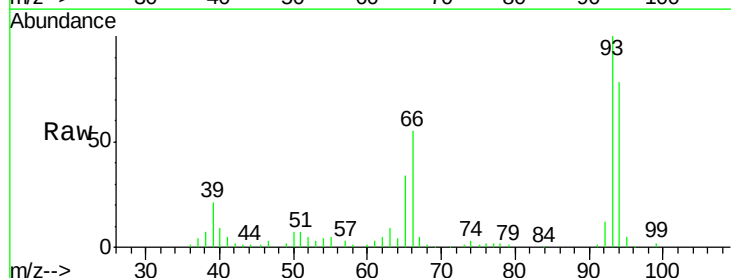
Tgt Ion: 93 Resp: 117183

Ion Ratio Lower Upper

93 100

66 55.2 29.7 44.5#

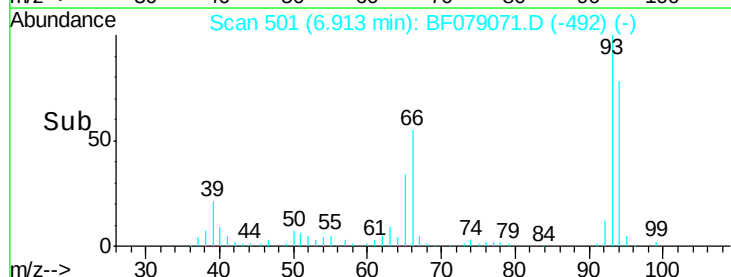
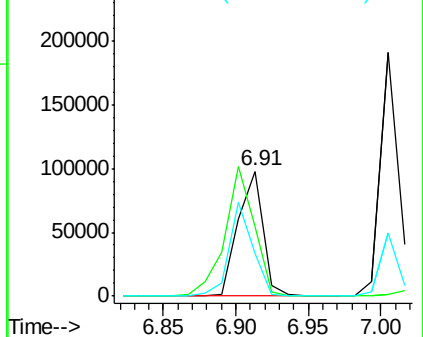
65 33.6 14.6 22.0#

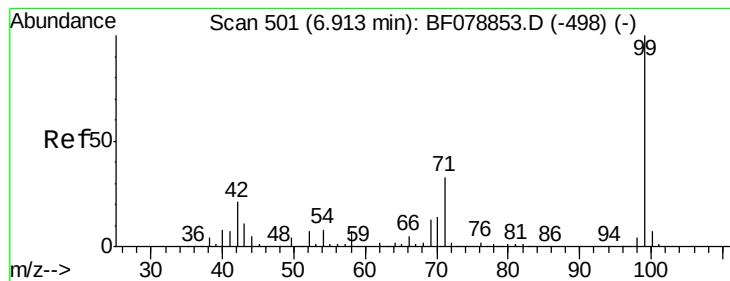


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.15 ng

RT: 6.89 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

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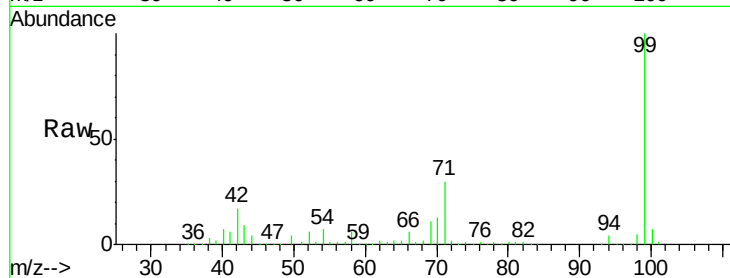
Tgt Ion: 99 Resp: 631650

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

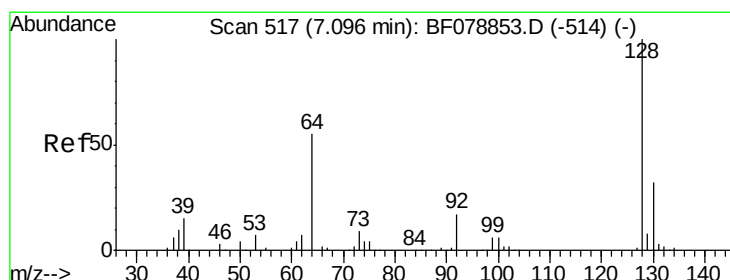
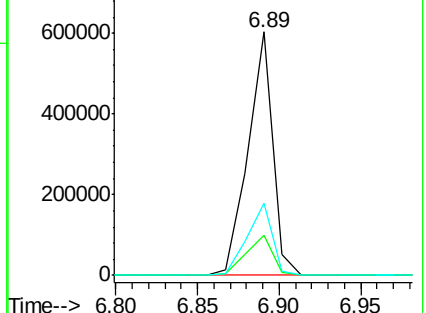
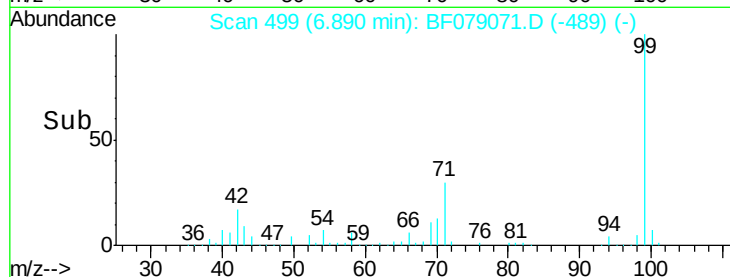
71 29.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079071.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BF079071.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BF079071.D (-499) (-)



#8

2-Chlorophenol

Concen: 39.12 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

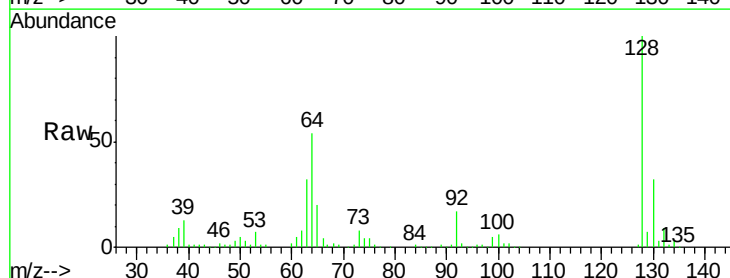
Tgt Ion: 128 Resp: 170775

Ion Ratio Lower Upper

128 100

130 31.5 12.1 52.1

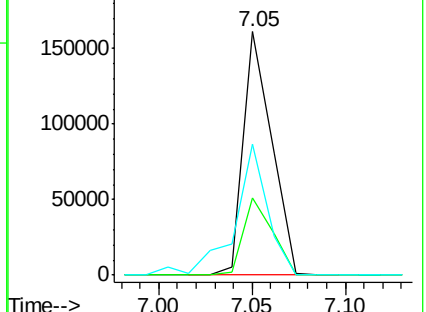
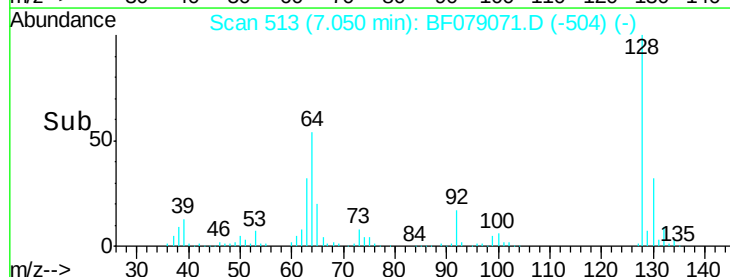
64 53.9 29.6 69.6

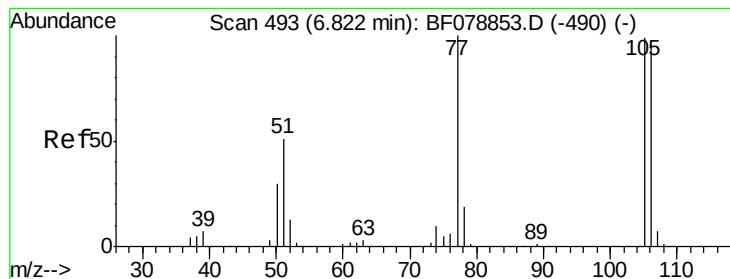


Abundance Ion 128.00 (127.70 to 128.70): BF079071.D (-504) (-)

Ion 130.00 (129.70 to 130.70): BF079071.D (-504) (-)

Ion 64.00 (63.70 to 64.70): BF079071.D (-504) (-)





#9

Benzaldehyde

Concen: 32.54 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

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ClientSampleId :

TU012-SB-16-3.5MS

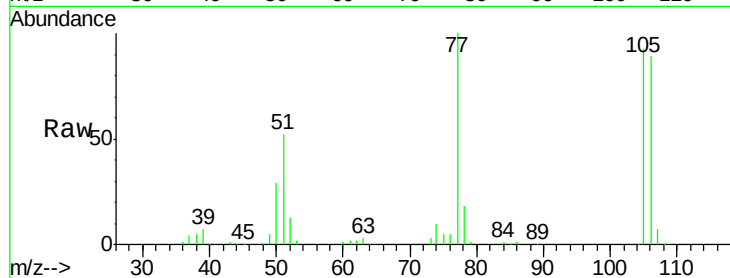
Tgt Ion: 77 Resp: 111526

Ion Ratio Lower Upper

77 100

105 92.7 81.7 121.7

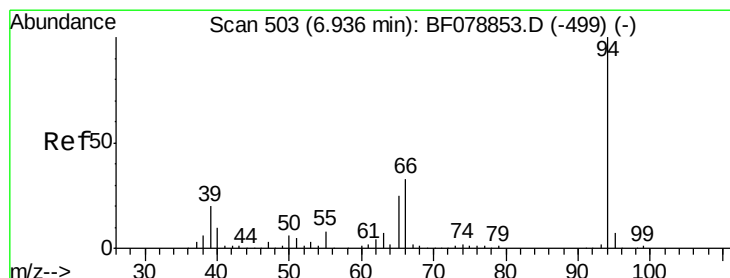
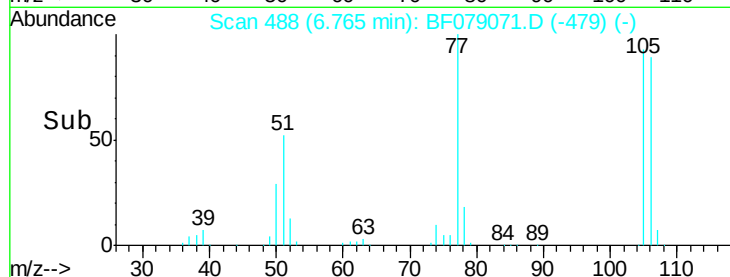
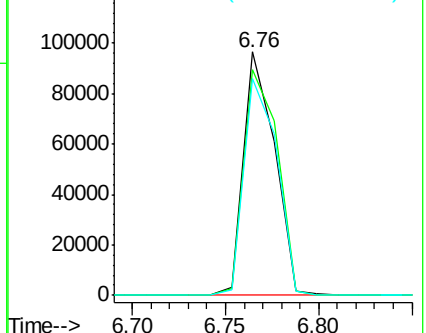
106 88.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.94 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

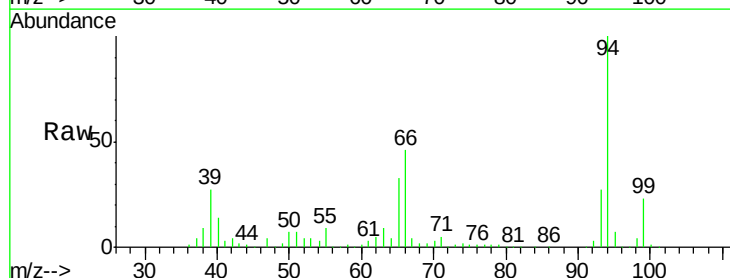
Tgt Ion: 94 Resp: 223924

Ion Ratio Lower Upper

94 100

65 32.7 8.5 48.5

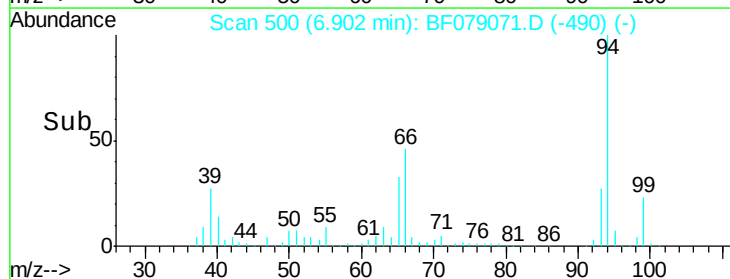
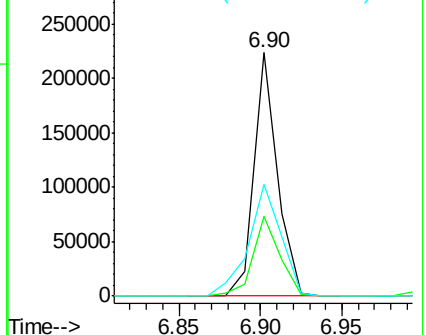
66 45.7 16.0 56.0

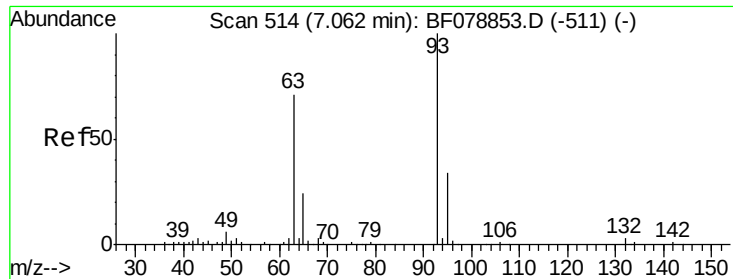


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.52 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

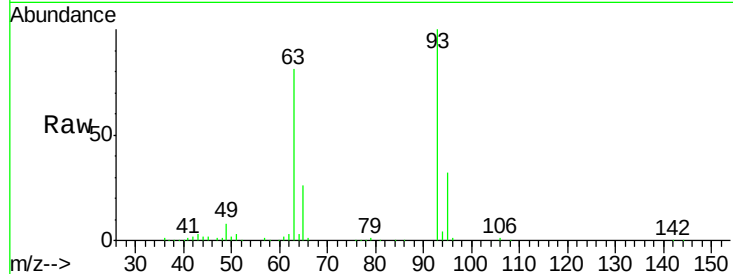
Tgt Ion: 93 Resp: 166668

Ion Ratio Lower Upper

93 100

63 81.5 64.8 104.8

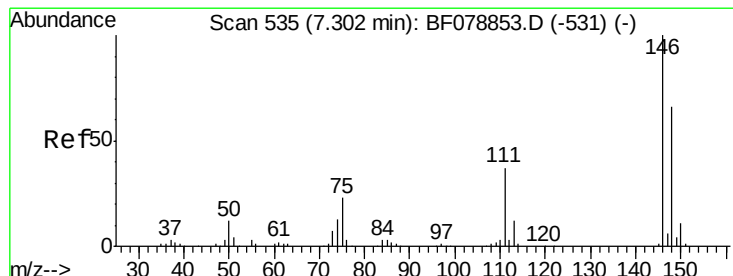
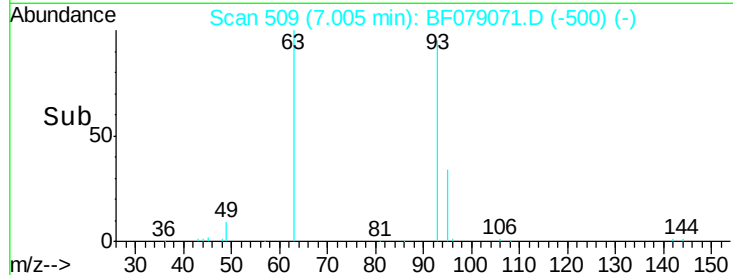
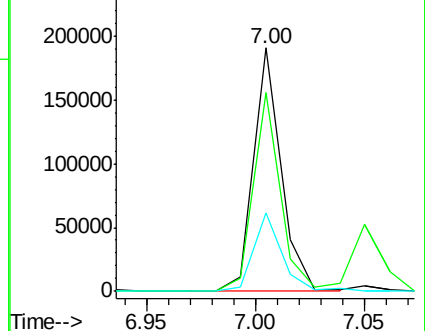
95 32.1 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.75 ng

RT: 7.24 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

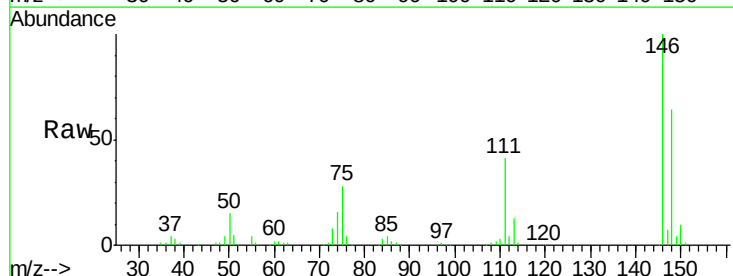
Tgt Ion: 146 Resp: 180330

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

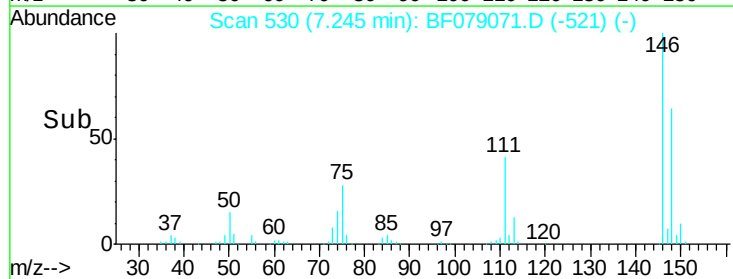
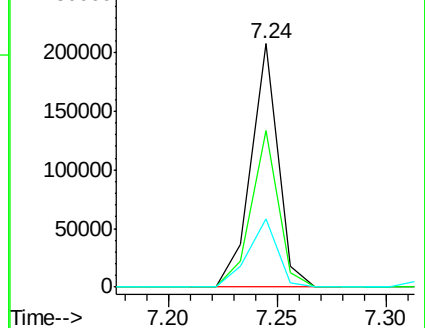
75 28.3 29.2 43.8#

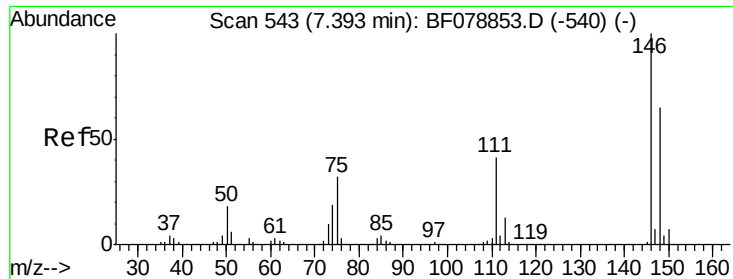


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

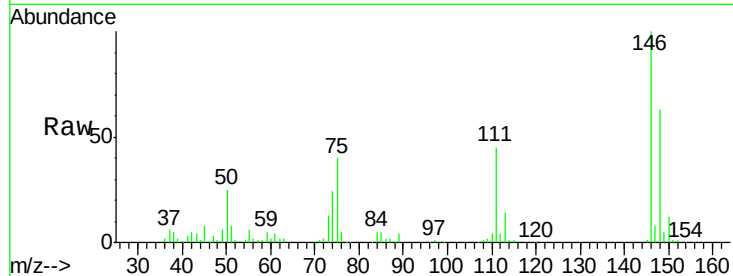




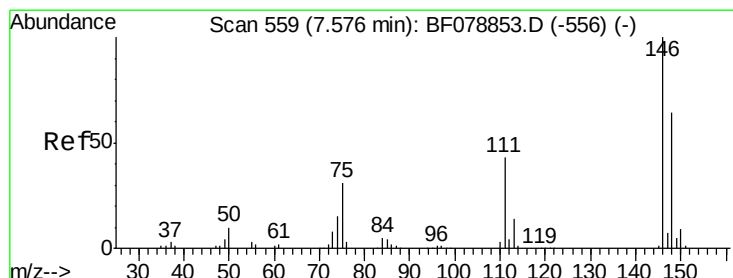
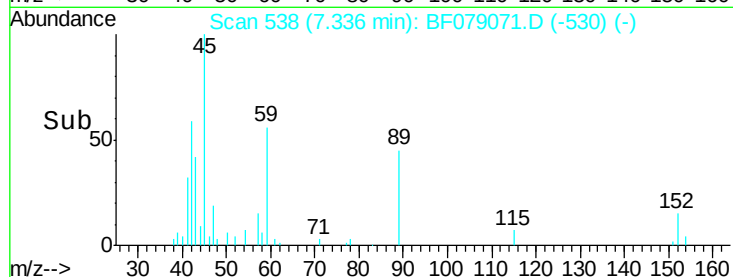
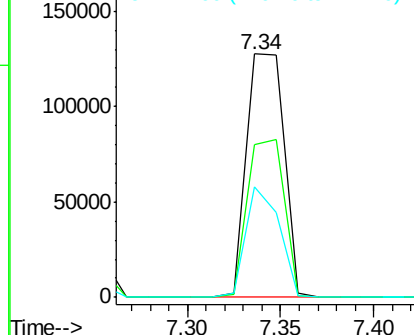
#13
 1,4-Dichlorobenzene
 Concen: 35.13 ng
 RT: 7.34 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion:146 Resp: 177404
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.8 79.2
 111 45.5 31.7 47.5

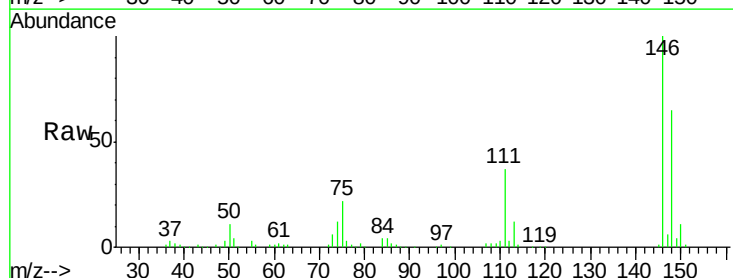


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

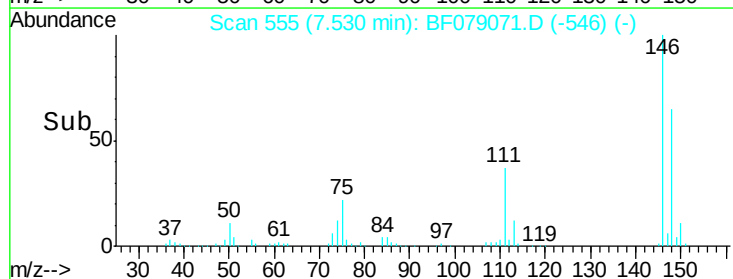
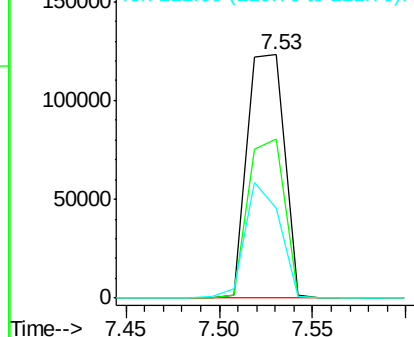


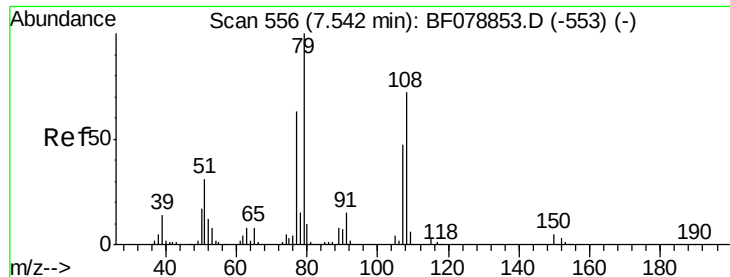
#14
 1,2-Dichlorobenzene
 Concen: 36.22 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:146 Resp: 170255
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 37.0 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: 39.80 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

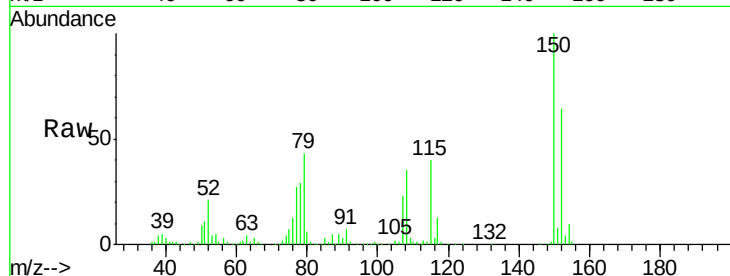
Tgt Ion: 79 Resp: 150317

Ion Ratio Lower Upper

79 100

108 82.8 62.5 93.7

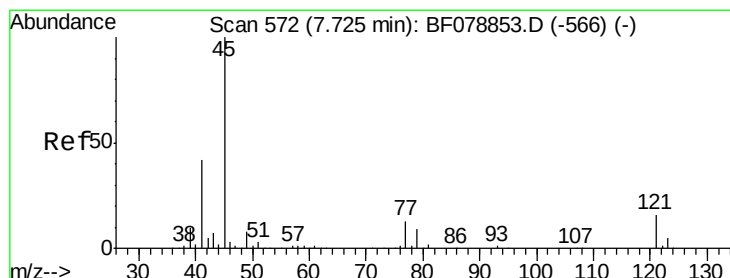
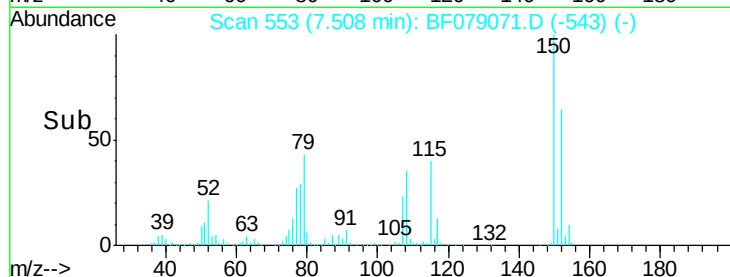
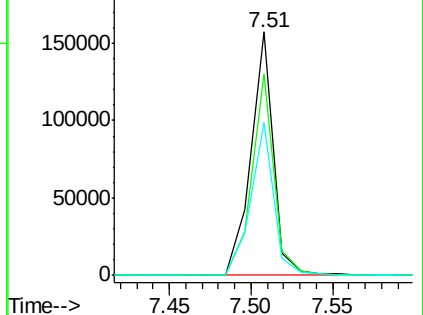
77 62.6 52.2 78.4



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: 37.50 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

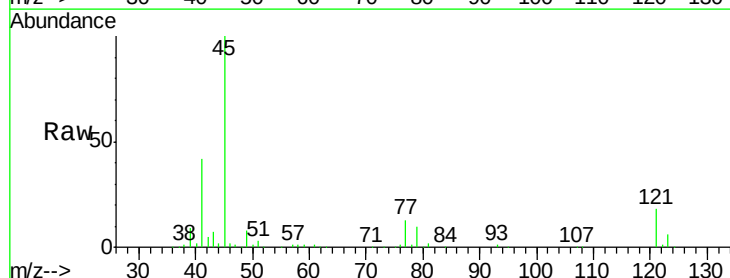
Tgt Ion: 45 Resp: 248226

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.3

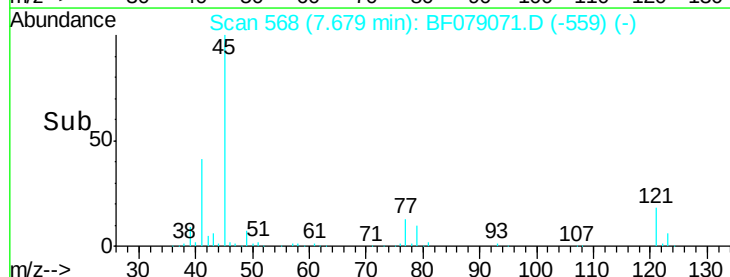
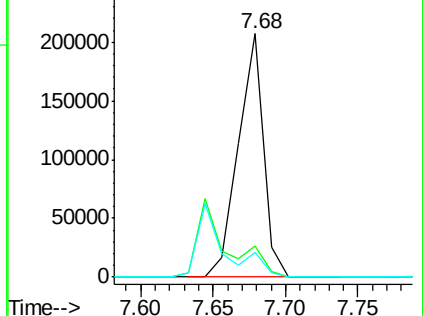
79 10.1 0.0 30.1

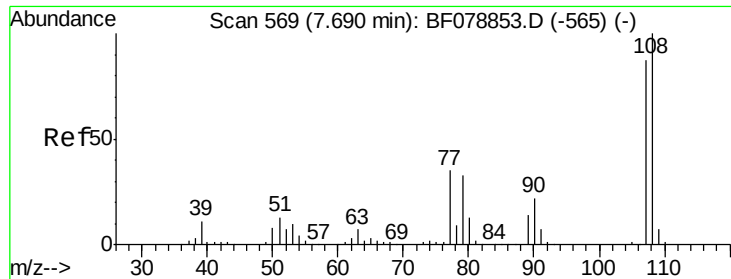


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

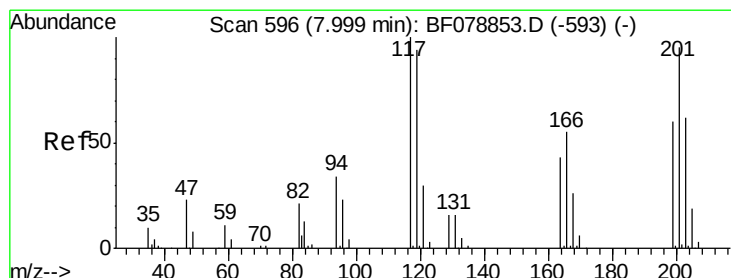
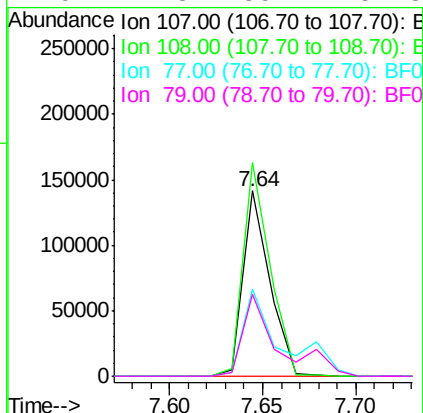
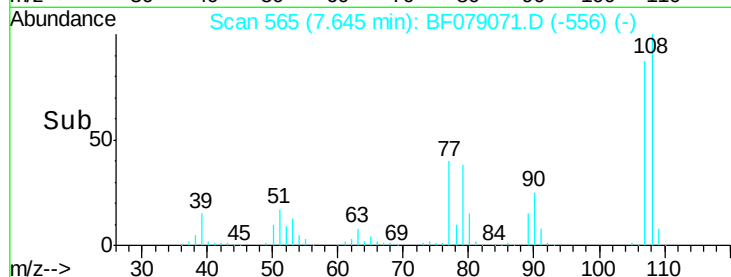
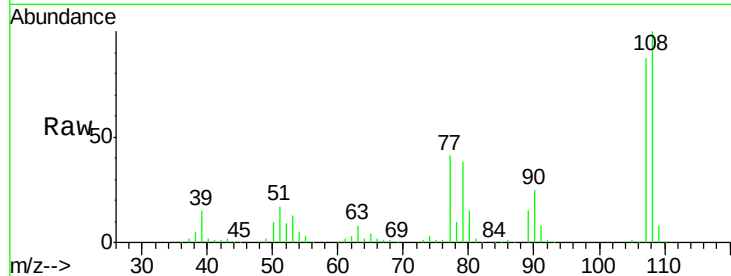




#17
2-Methylphenol
Concen: 39.87 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

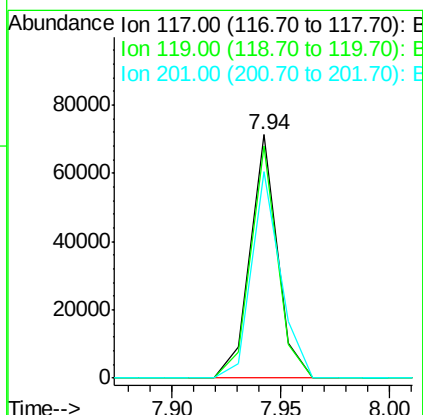
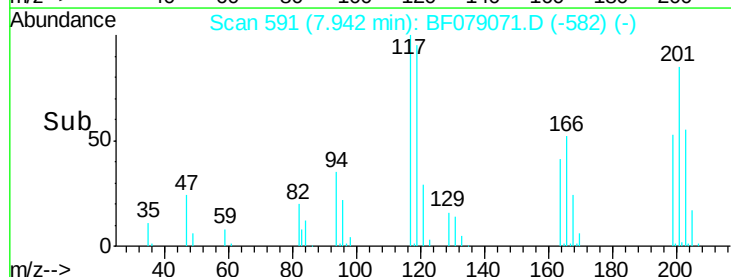
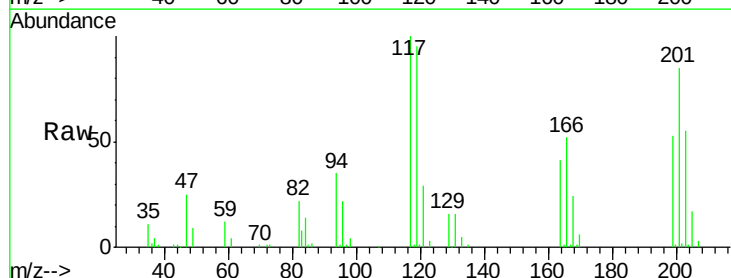
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

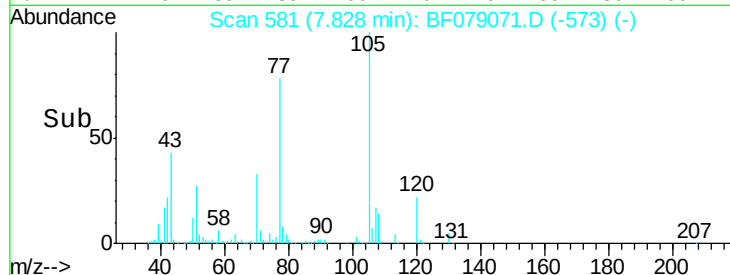
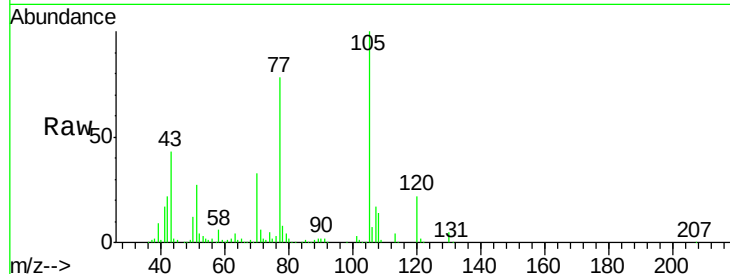
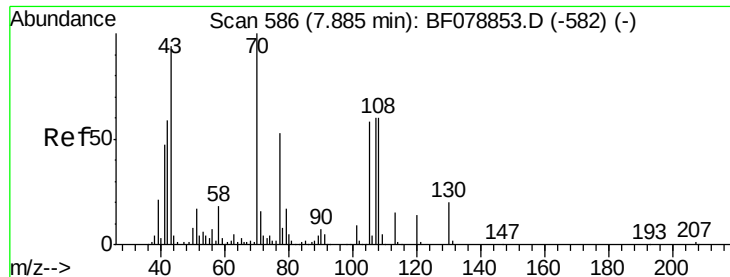
Tgt Ion:	107	Resp:	140052
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.9	142.3
77	46.9	36.2	54.4
79	44.3	35.2	52.8



#18
Hexachloroethane
Concen: 35.85 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:	117	Resp:	62357
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
201	84.6	83.2	124.8

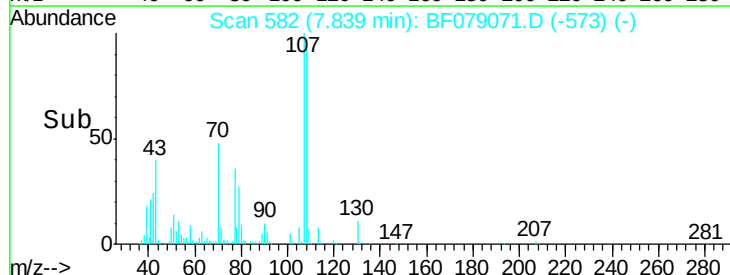
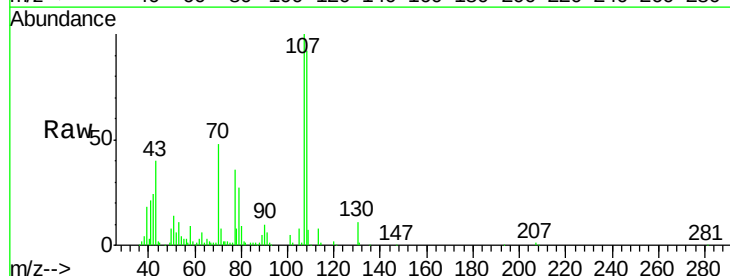
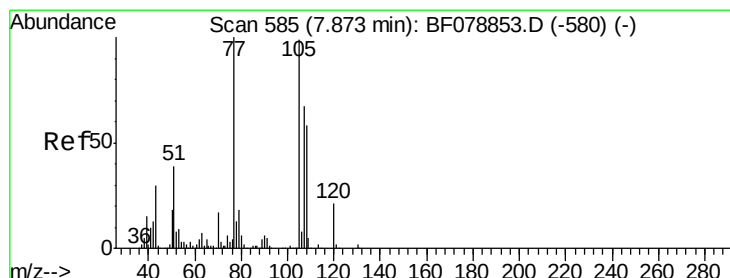
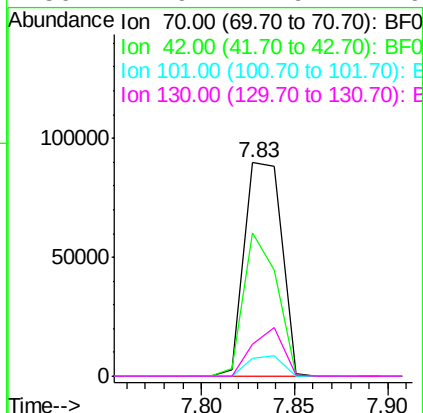




#19
n-Nitroso-di-n-propylamine
Concen: 36.23 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

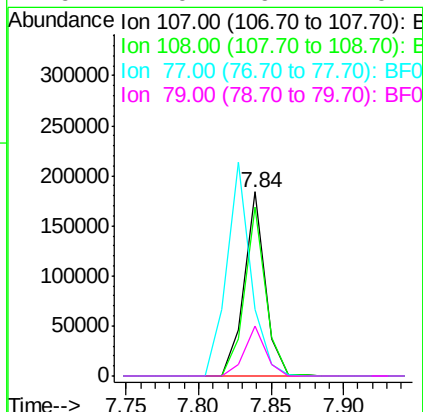
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

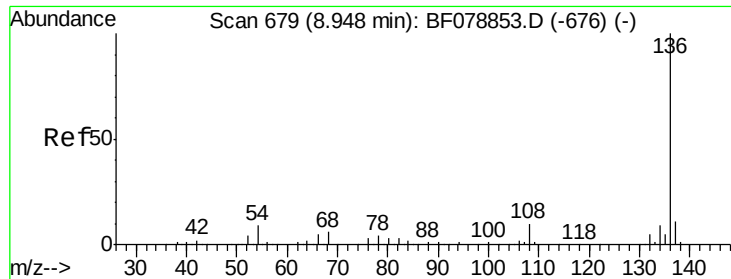
Tgt Ion: 70 Resp: 124502
Ion Ratio Lower Upper
70 100
42 67.2 55.4 83.0
101 8.6 6.6 10.0
130 14.9 11.9 17.9



#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion: 107 Resp: 185945
Ion Ratio Lower Upper
107 100
108 92.0 76.9 116.9
77 36.0 136.8 176.8#
79 27.0 9.7 49.7

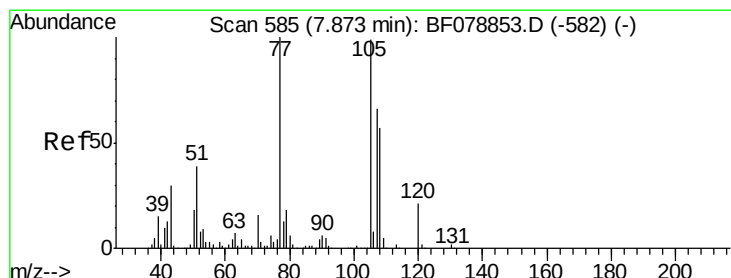
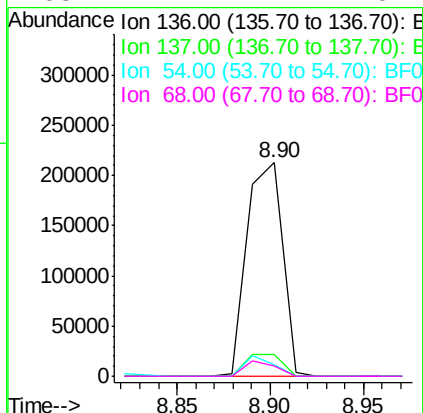
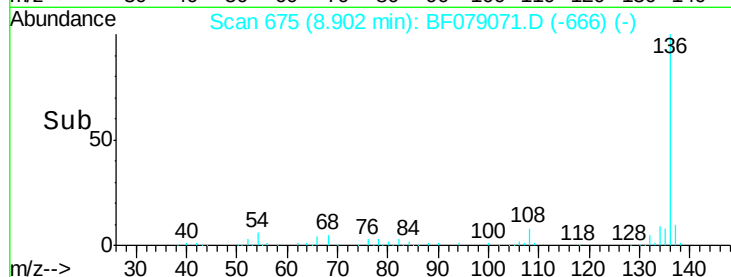
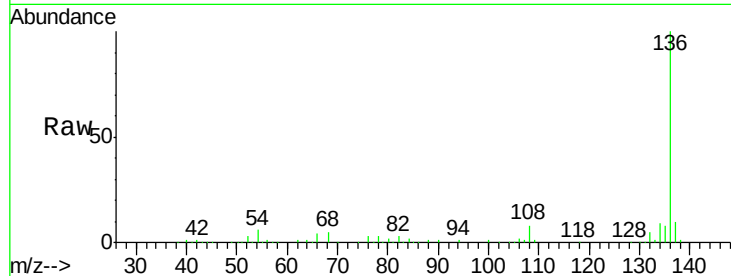




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

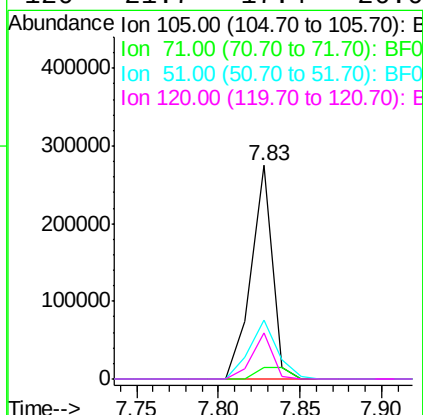
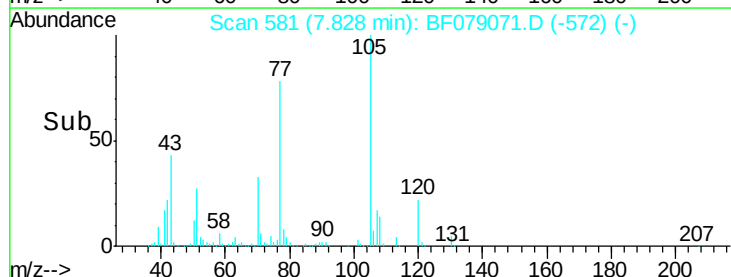
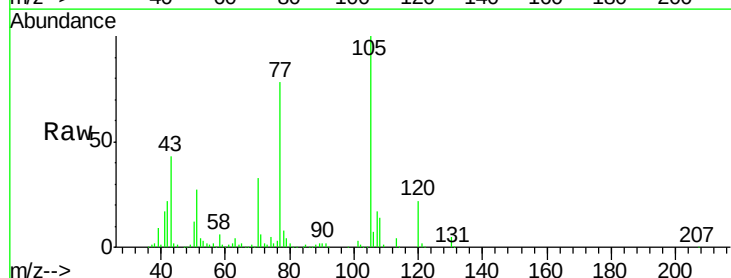
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

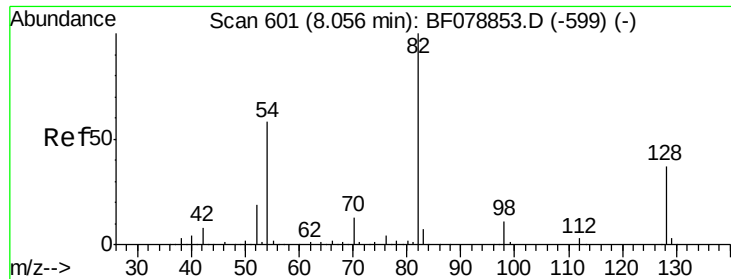
Tgt Ion:	136	Resp:	281813
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.7	13.1
54	5.7	5.8	8.8#
68	4.7	4.2	6.4



#22
Acetophenone
Concen: 39.33 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:	105	Resp:	250405
Ion Ratio	Lower	Upper	
105	100		
71	5.5	4.6	6.8
51	27.5	26.7	40.1
120	21.7	17.4	26.0

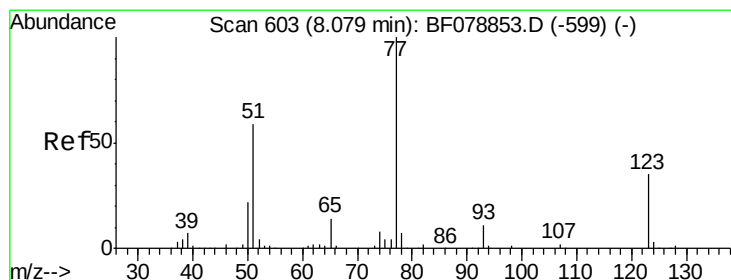
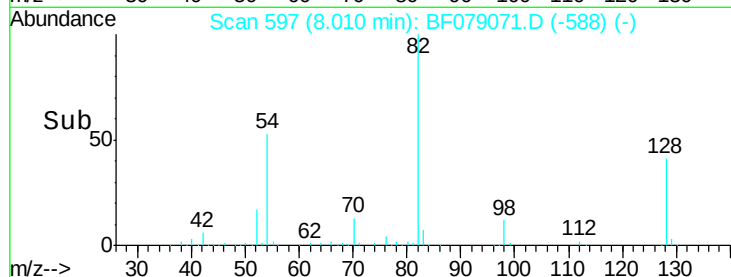
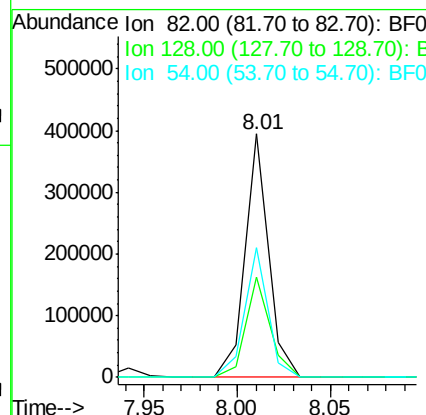
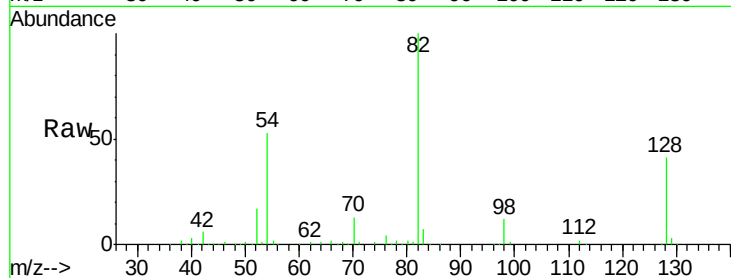




#23
 Nitrobenzene-d5
 Concen: 70.70 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

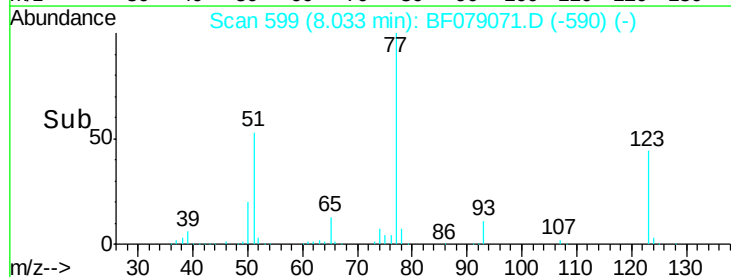
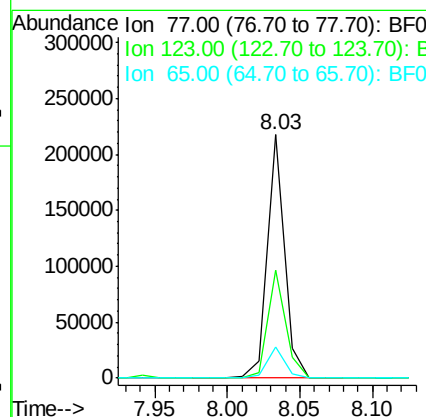
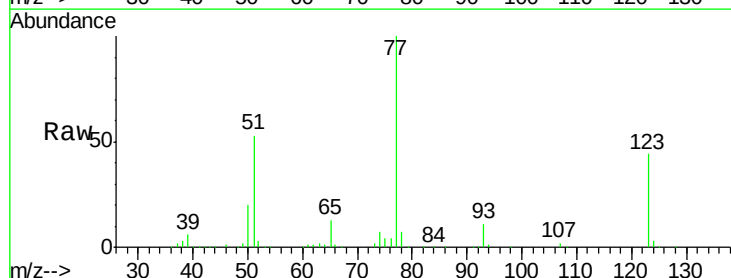
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

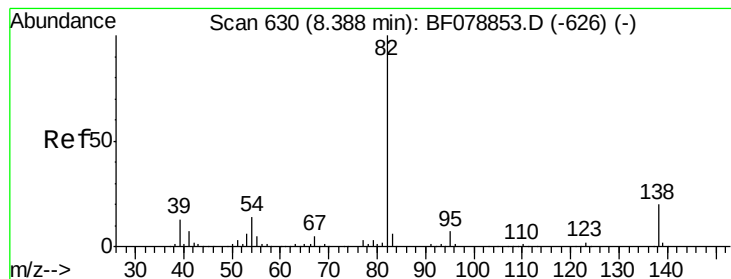
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.0	45.0
54	53.1	46.4	69.6



#24
 Nitrobenzene
 Concen: 36.84 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	31.8	47.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 36.22 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

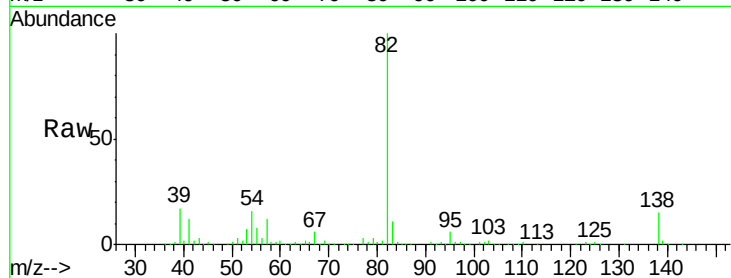
Tgt Ion: 82 Resp: 329265

Ion Ratio Lower Upper

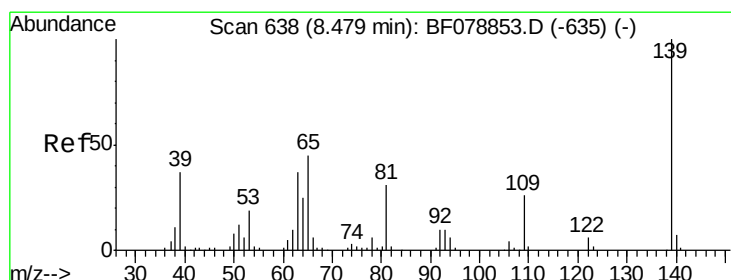
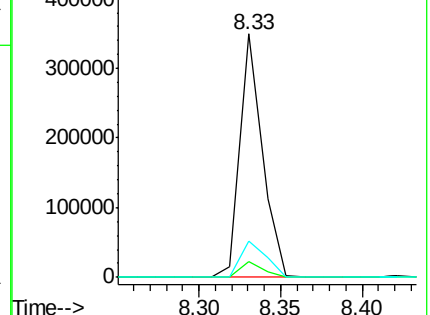
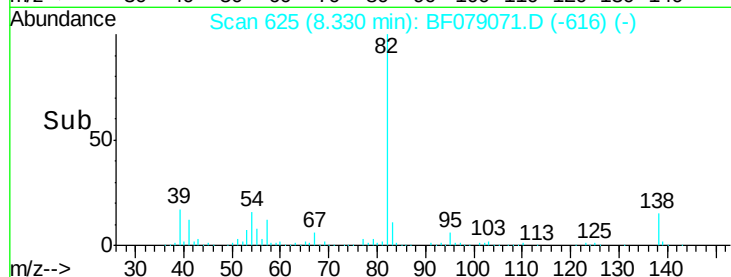
82 100

95 6.4 5.3 7.9

138 14.9 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: 40.46 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

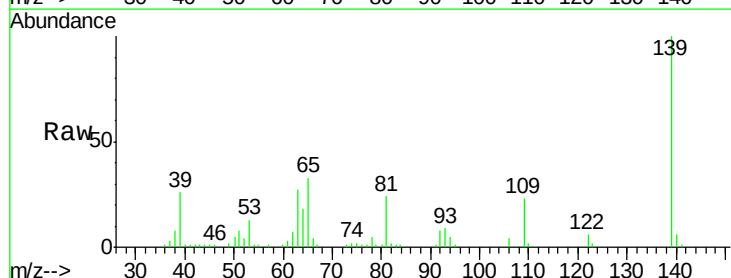
Tgt Ion: 139 Resp: 81401

Ion Ratio Lower Upper

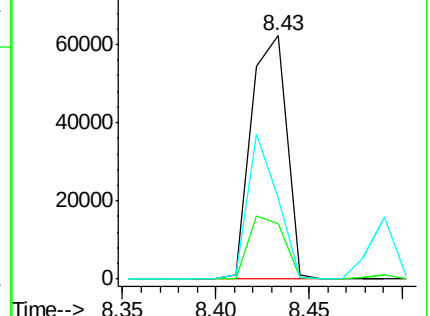
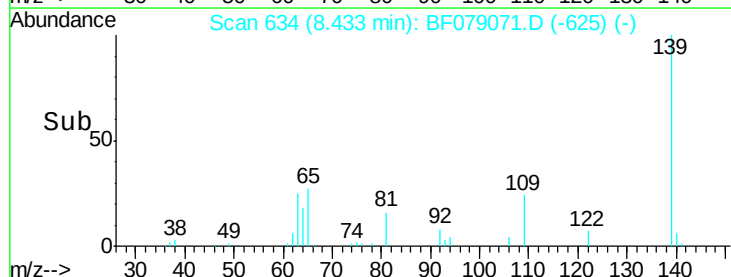
139 100

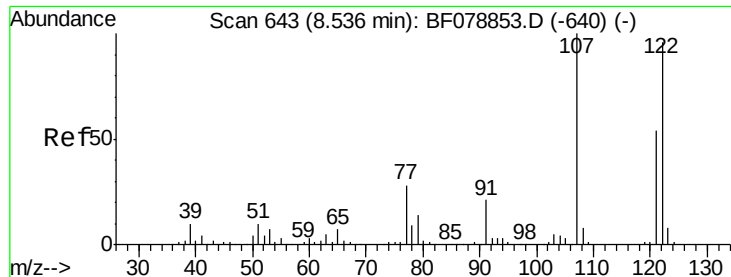
109 22.9 21.0 31.4

65 33.1 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

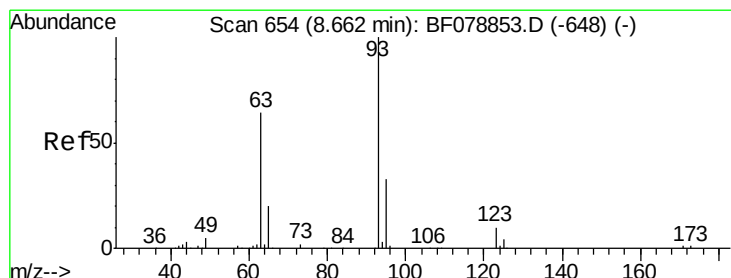
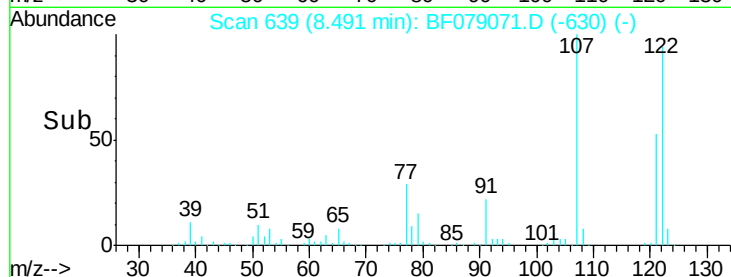
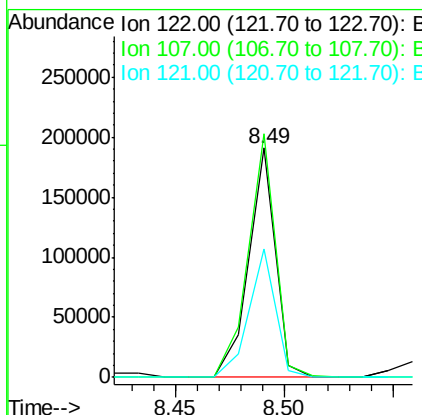
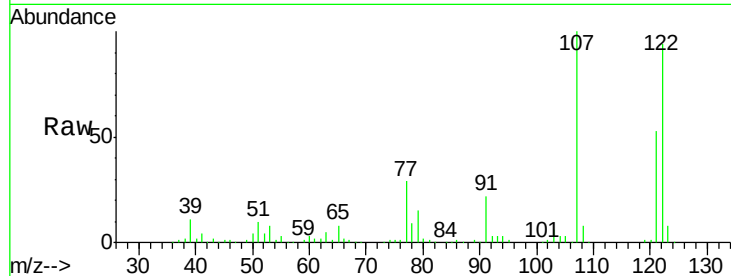




#27
 2,4-Dimethylphenol
 Concen: 40.37 ng
 RT: 8.49 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

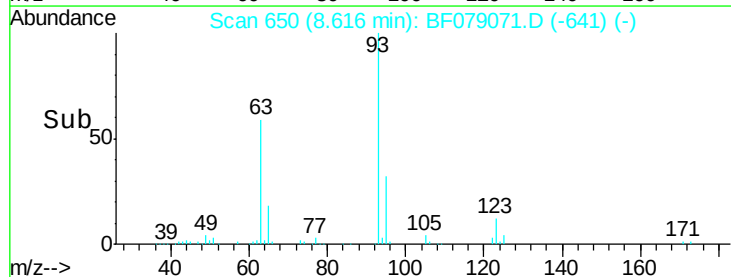
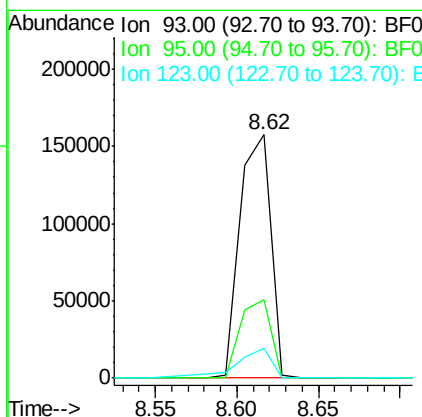
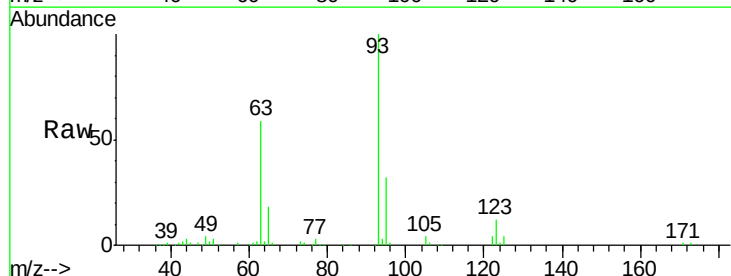
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

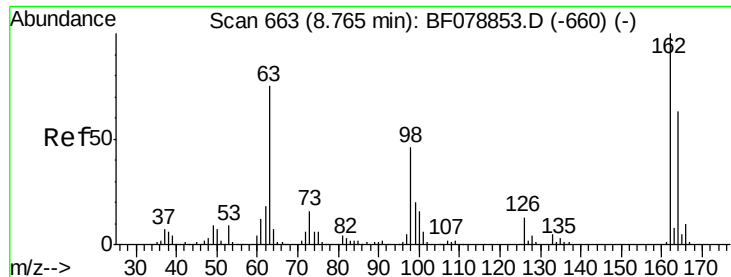
Tgt Ion: 122 Resp: 162529
 Ion Ratio Lower Upper
 122 100
 107 106.2 90.6 135.8
 121 56.1 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.60 ng
 RT: 8.62 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion: 93 Resp: 205131
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.7 40.1
 123 12.0 9.1 13.7

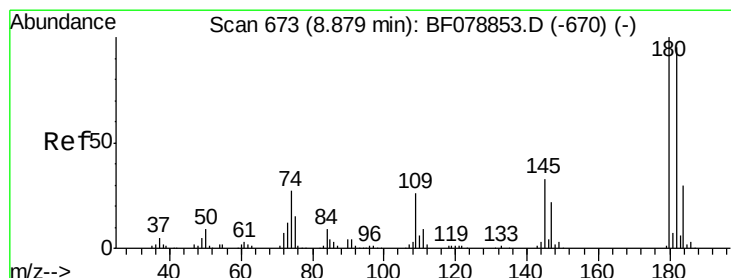
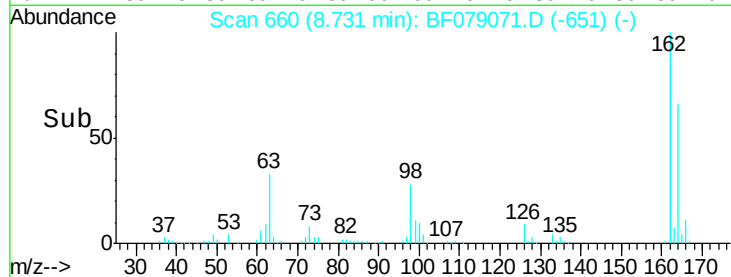
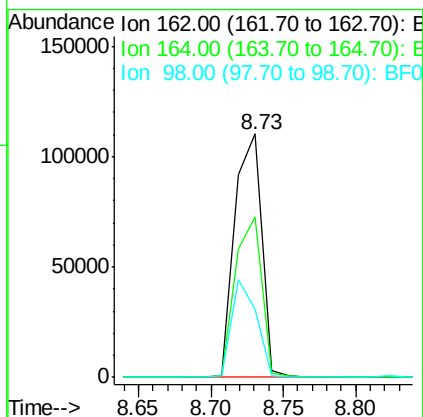
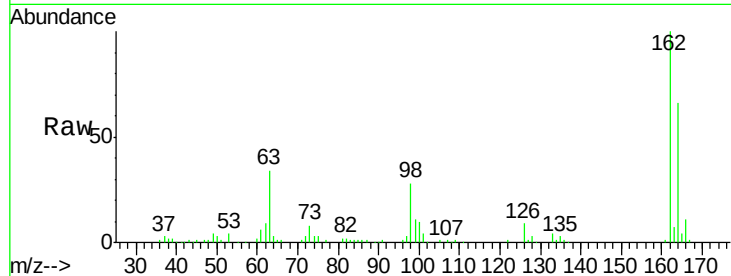




#29
 2,4-Dichlorophenol
 Concen: 39.70 ng
 RT: 8.73 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

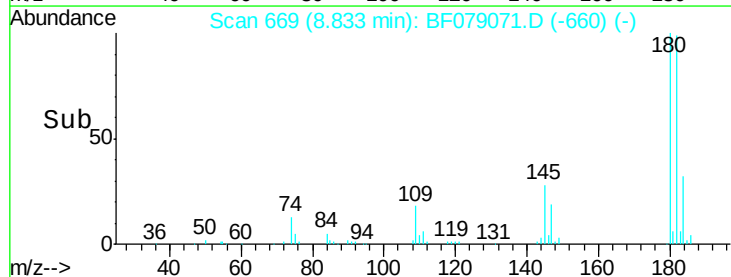
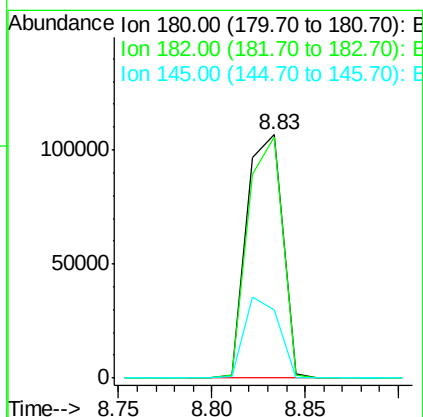
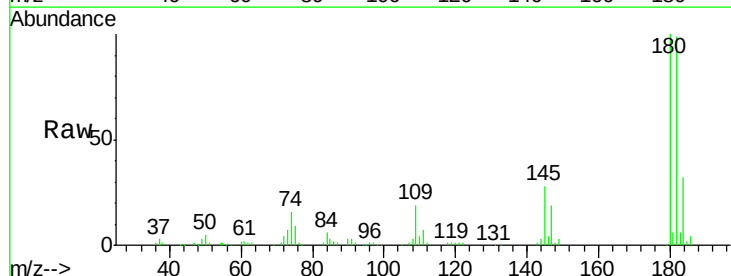
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

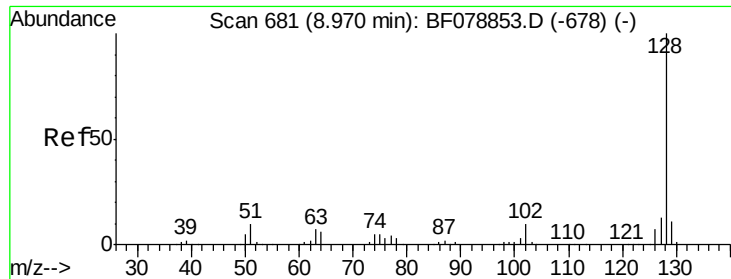
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.6	83.6
98	27.9	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.99 ng
 RT: 8.83 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	78.9	118.3
145	27.9	24.2	36.4

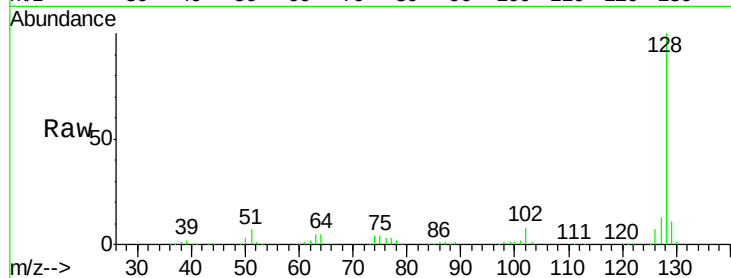




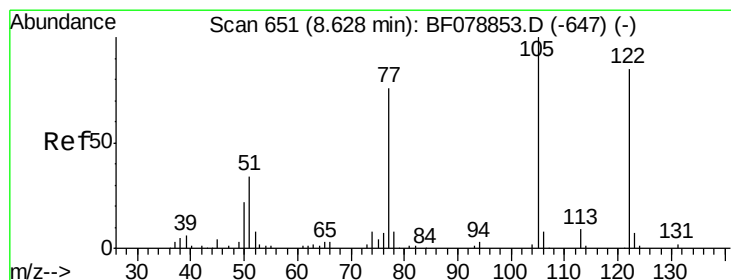
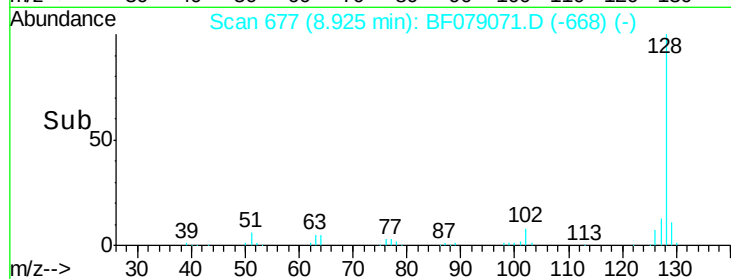
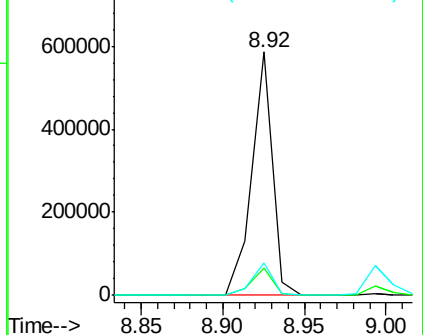
#31
Naphthalene
Concen: 38.22 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

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

Tgt Ion:128 Resp: 513290
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.4 10.7 16.1

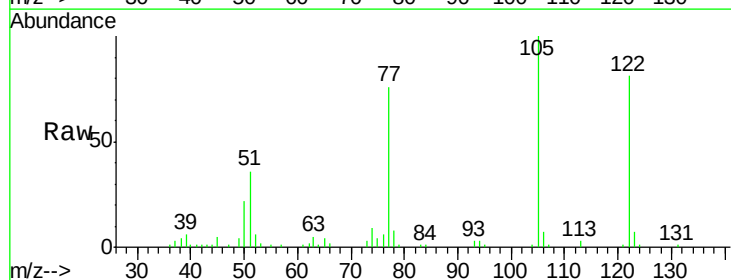


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

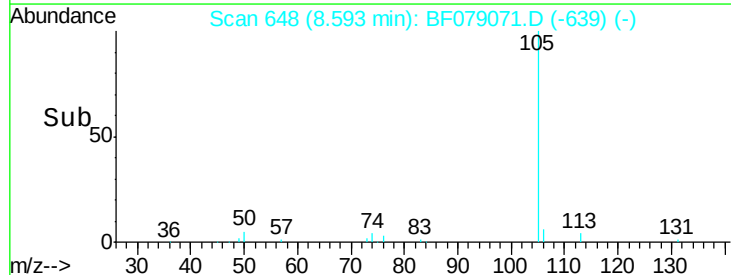
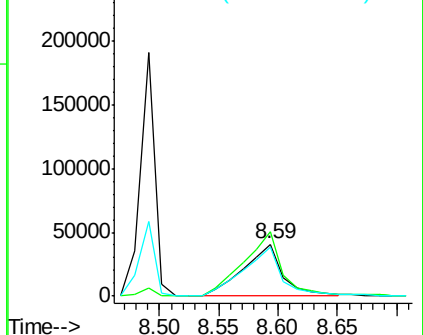


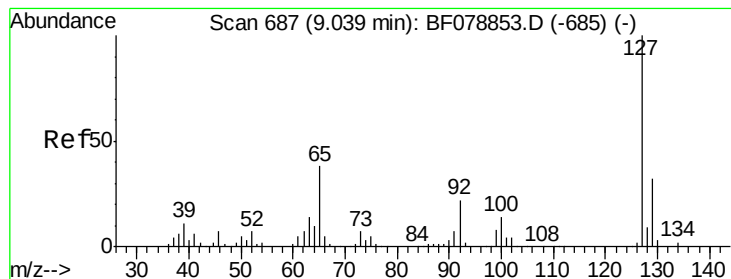
#32
Benzoic acid
Concen: 37.94 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:122 Resp: 91824
Ion Ratio Lower Upper
122 100
105 123.1 107.1 147.1
77 93.6 73.9 113.9



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





#33

4-Chloroaniline

Concen: 12.96 ng

RT: 8.99 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

Tgt Ion:127 Resp: 73614

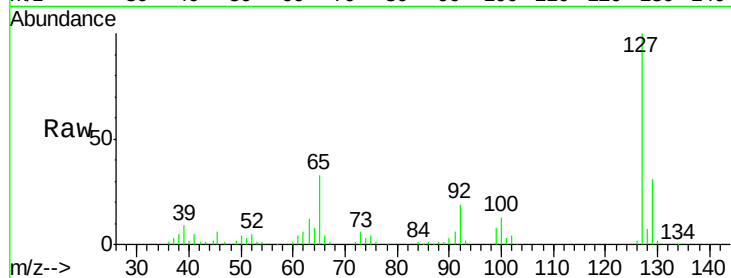
Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.8

65 33.0 25.8 38.6

92 19.3 15.5 23.3

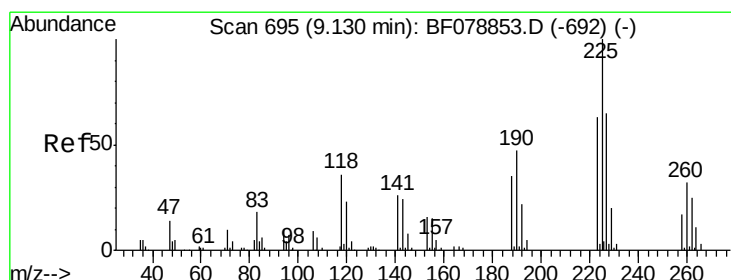
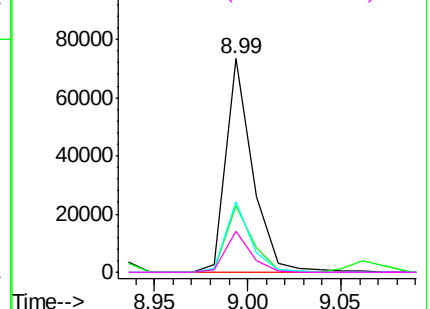
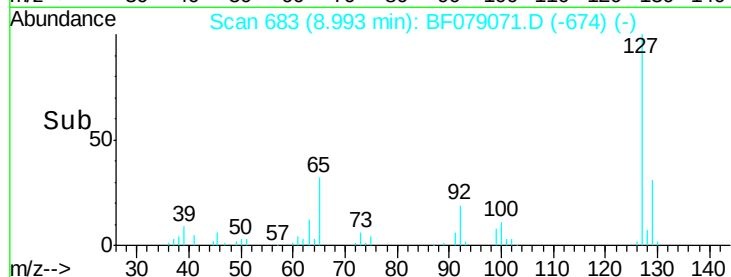


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.24 ng

RT: 9.07 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

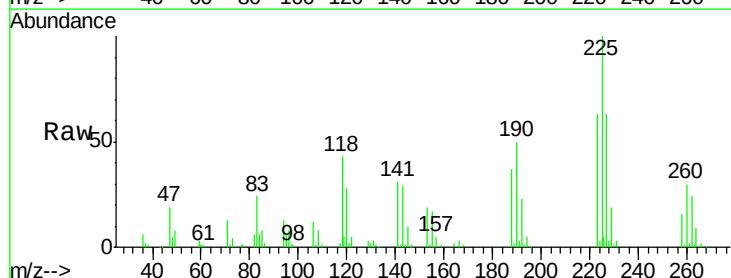
Tgt Ion:225 Resp: 75260

Ion Ratio Lower Upper

225 100

223 62.6 48.2 72.4

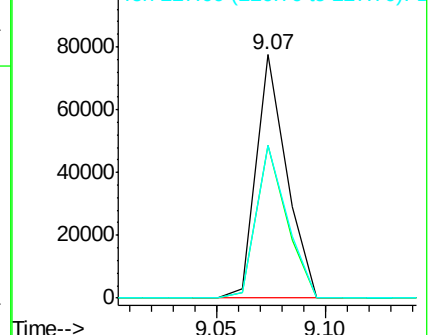
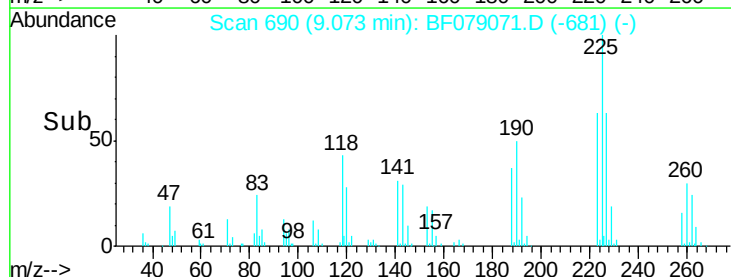
227 62.8 51.4 77.0

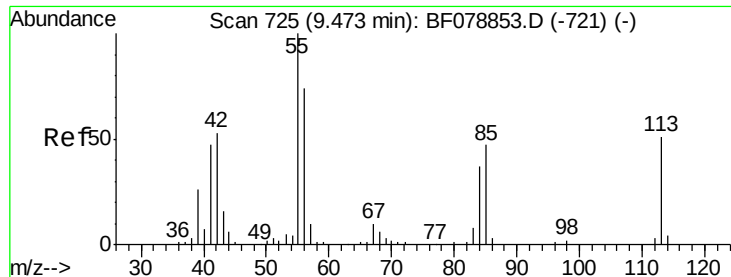


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

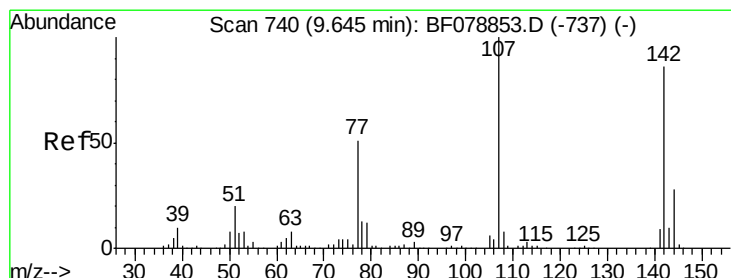
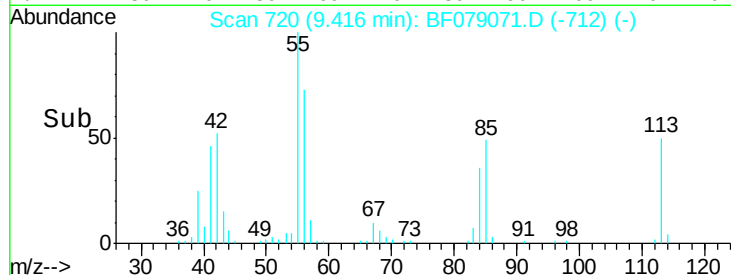
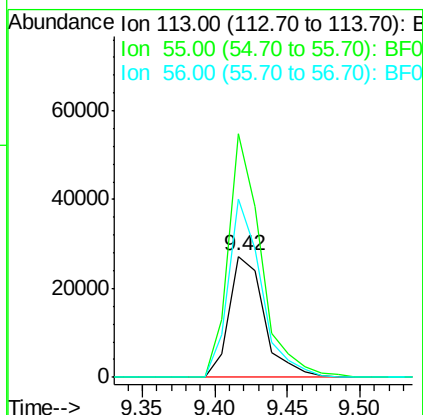
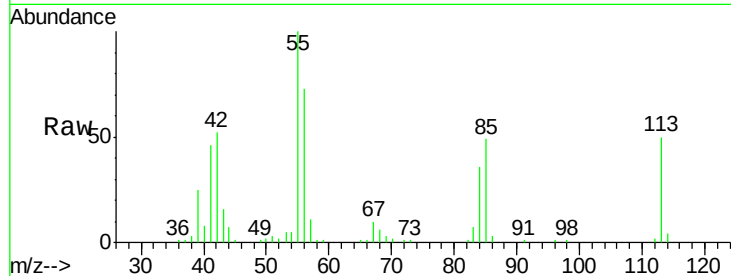




#35
 Caprolactam
 Concen: 39.75 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

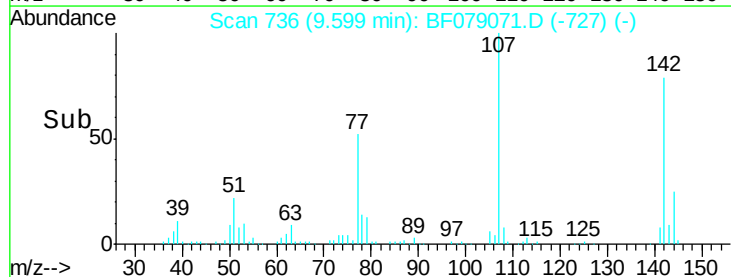
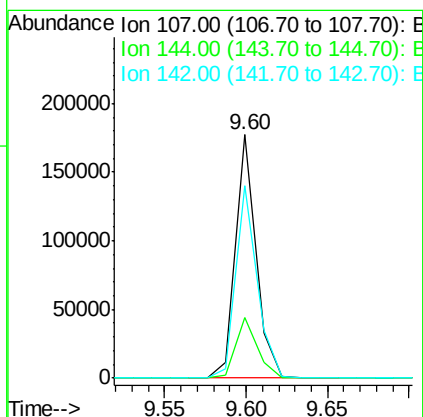
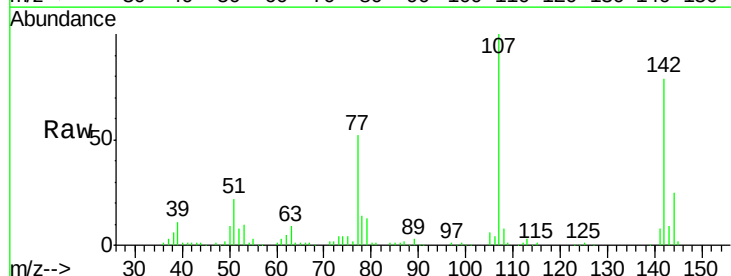
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

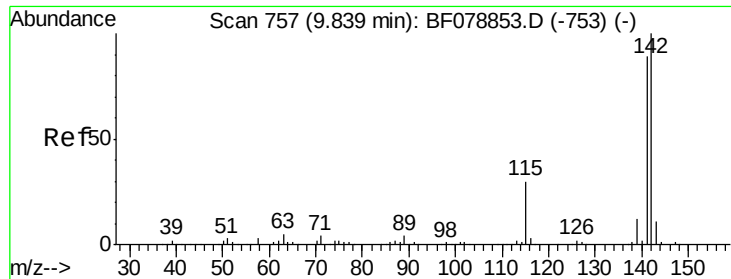
Tgt Ion:113 Resp: 46011
 Ion Ratio Lower Upper
 113 100
 55 201.5 169.7 209.7
 56 147.7 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.78 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:107 Resp: 153341
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 78.9 60.6 91.0

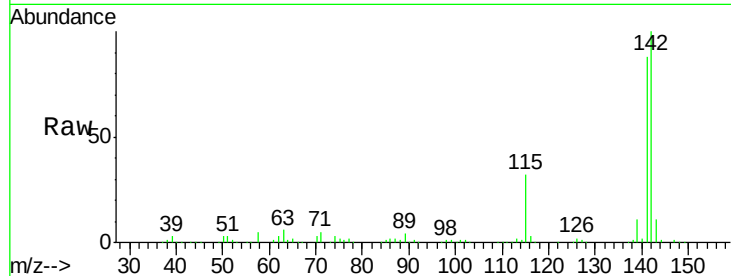




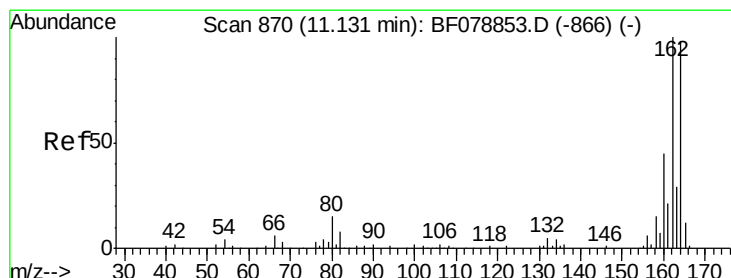
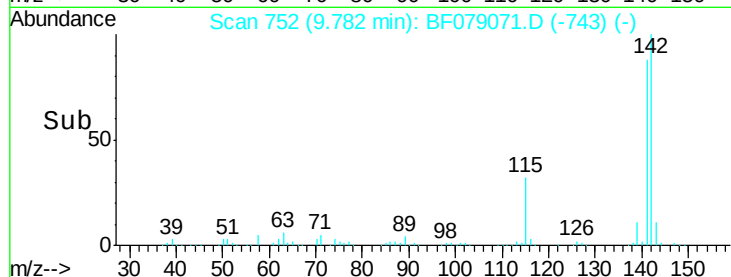
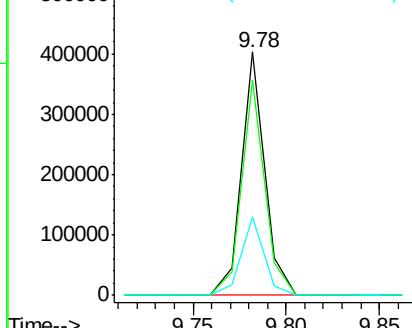
#37
 2-Methylnaphthalene
 Concen: 37.76 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion:142 Resp: 351405
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.9 106.3
 115 32.1 28.5 42.7

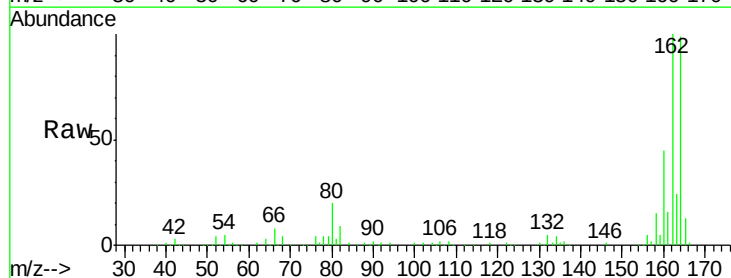


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

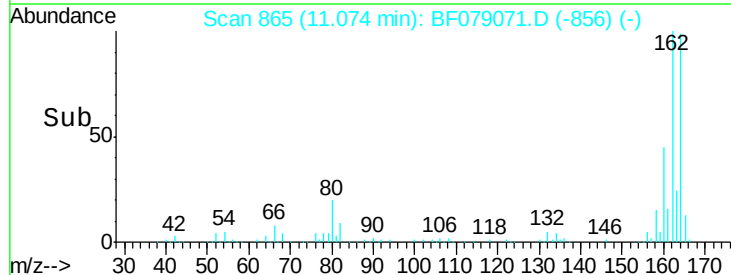
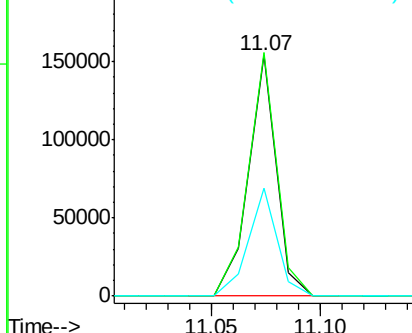


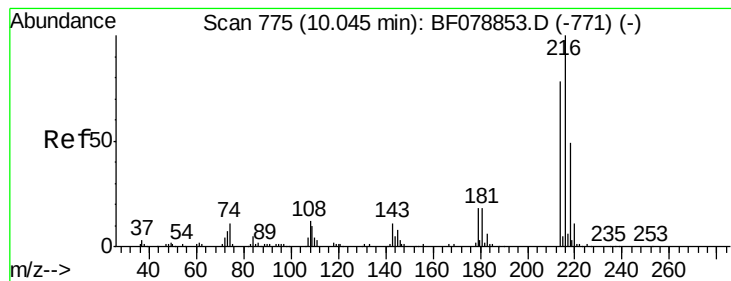
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:164 Resp: 136820
 Ion Ratio Lower Upper
 164 100
 162 101.2 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: 35.68 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

Tgt Ion:216 Resp: 137479

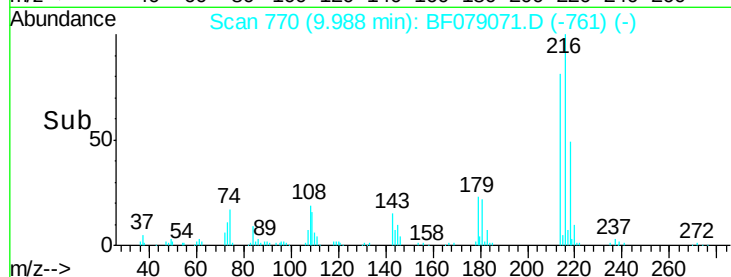
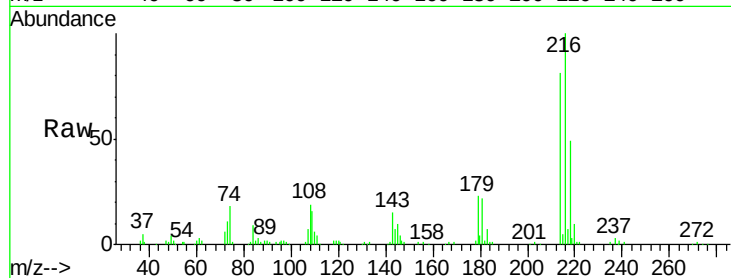
Ion Ratio Lower Upper

216 100

214 80.9 0.0 0.0#

179 22.8 0.0 0.0#

108 23.2 0.0 0.0#

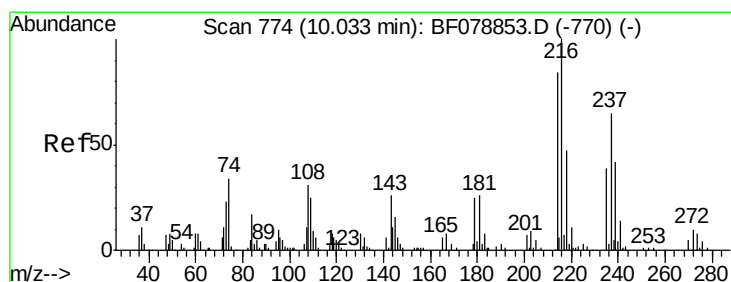
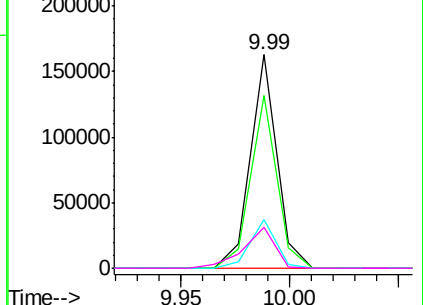


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.29 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

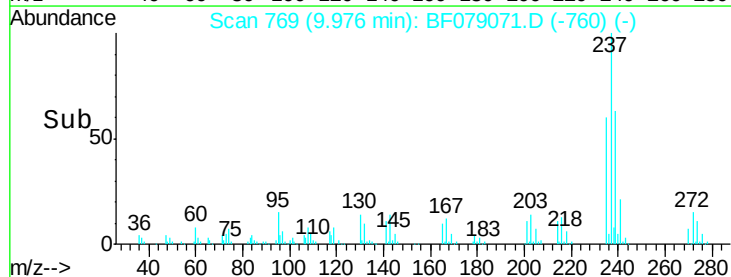
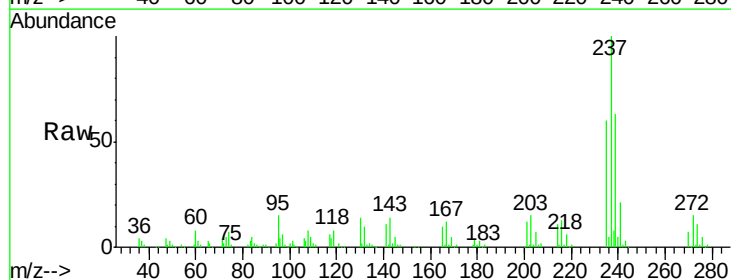
Tgt Ion:237 Resp: 120703

Ion Ratio Lower Upper

237 100

235 60.5 44.7 84.7

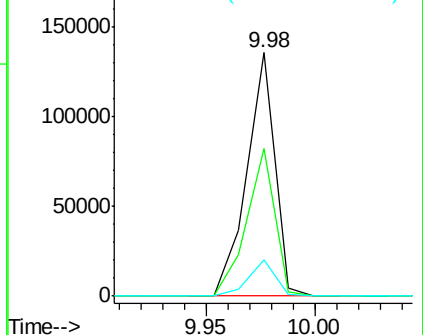
272 14.8 0.0 32.6

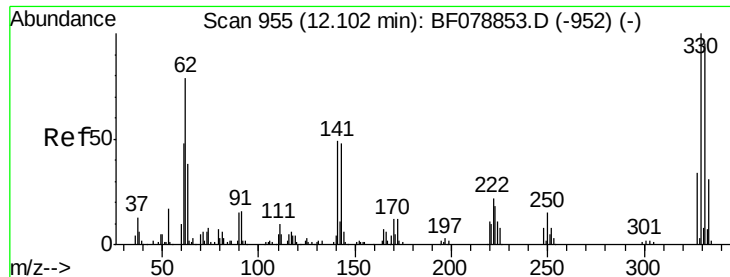


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 120.16 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

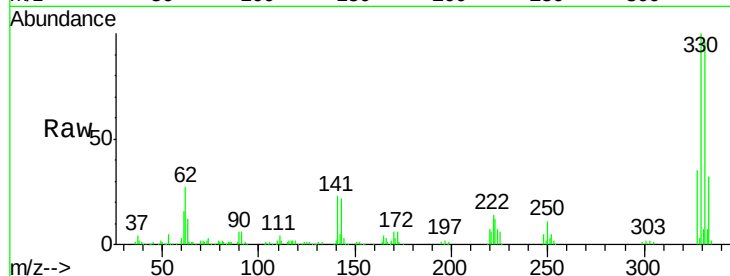
Tgt Ion:330 Resp: 177852

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

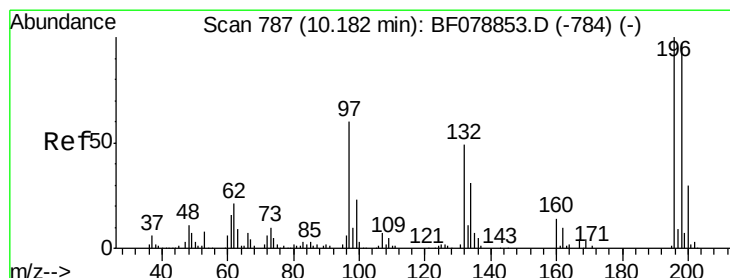
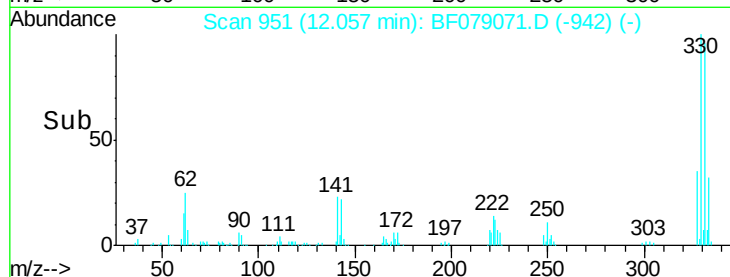
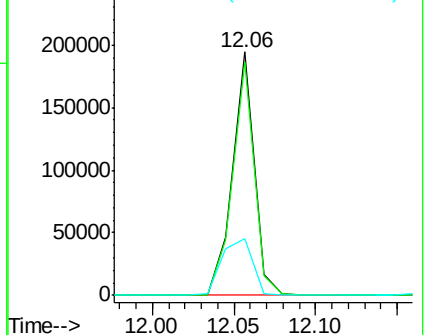
141 33.1 0.0 0.0#



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: 37.68 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

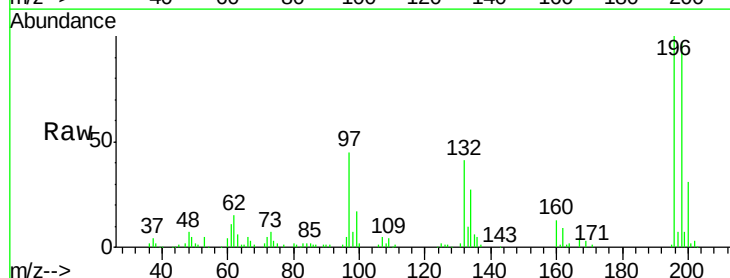
Tgt Ion:196 Resp: 99815

Ion Ratio Lower Upper

196 100

198 96.9 80.5 120.7

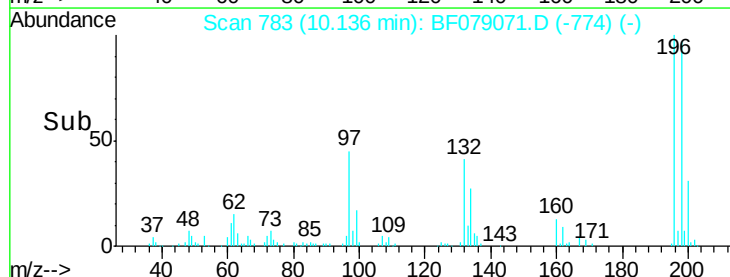
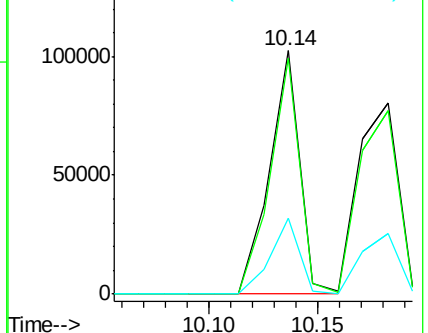
200 31.3 24.9 37.3

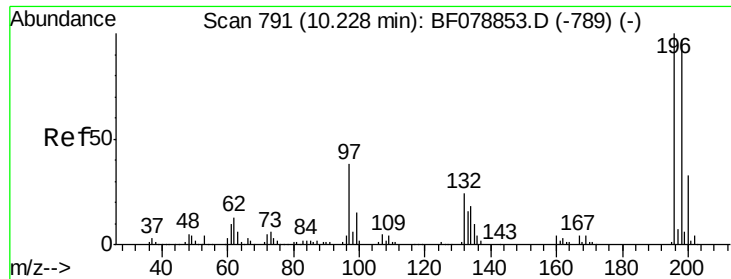


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

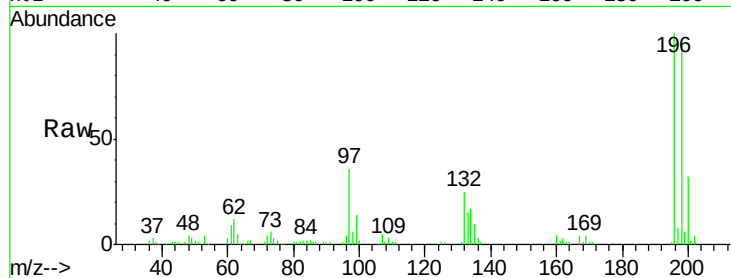




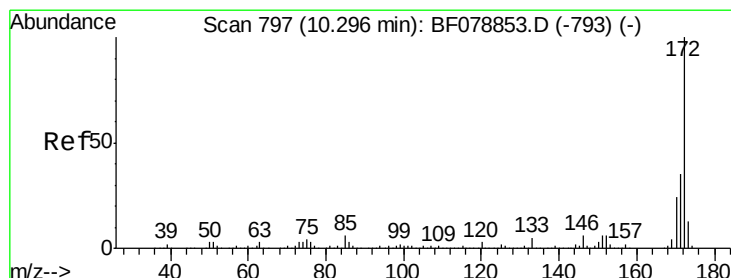
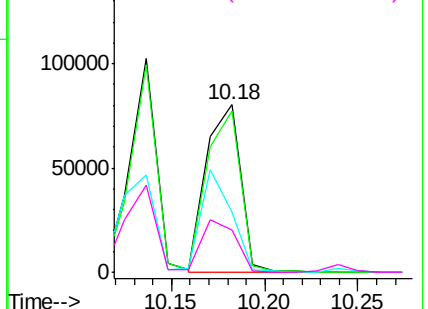
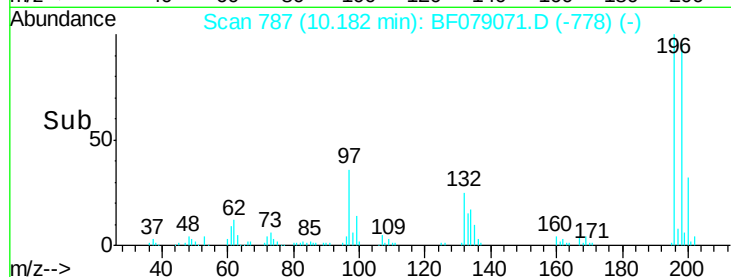
#43
 2,4,5-Trichlorophenol
 Concen: 38.51 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion:	196	Resp:	103133
Ion Ratio	Lower	Upper	
196	100		
198	96.4	79.8	119.6
97	36.2	46.0	69.0#
132	25.1	26.6	40.0#

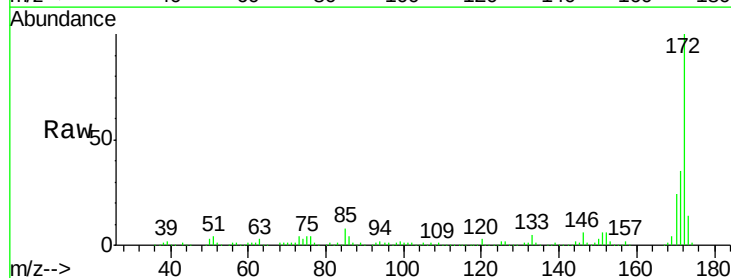


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

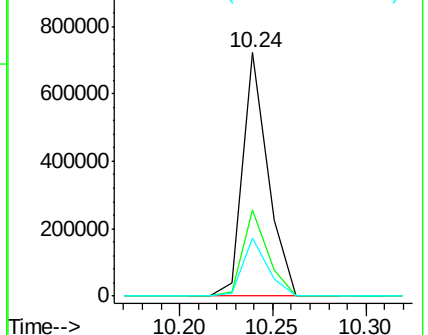
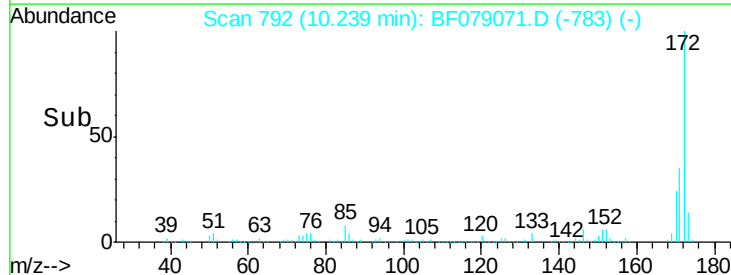


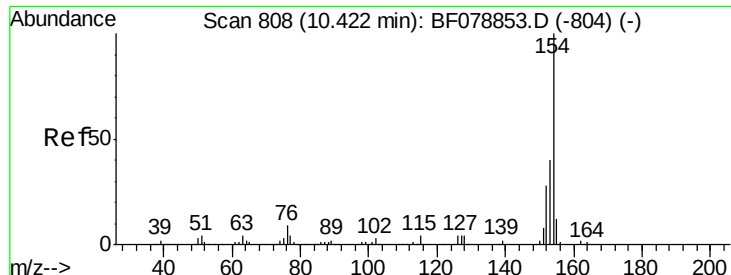
#44
 2-Fluorobiphenyl
 Concen: 68.84 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:	172	Resp:	675996
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.9	41.9
170	23.9	19.4	29.0



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





#45

1,1'-Biphenyl

Concen: 39.07 ng

RT: 10.36 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

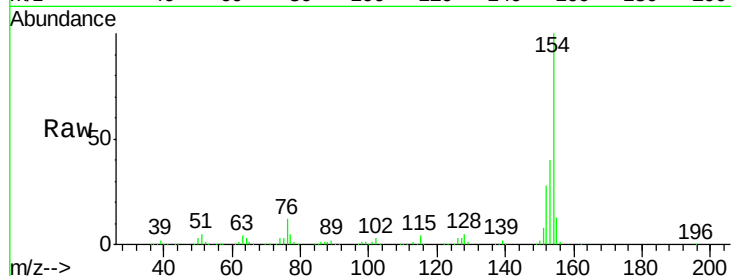
Tgt Ion:154 Resp: 425011

Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

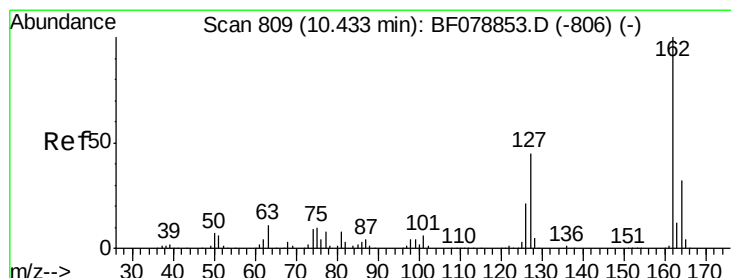
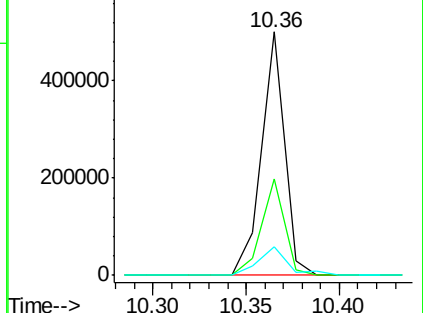
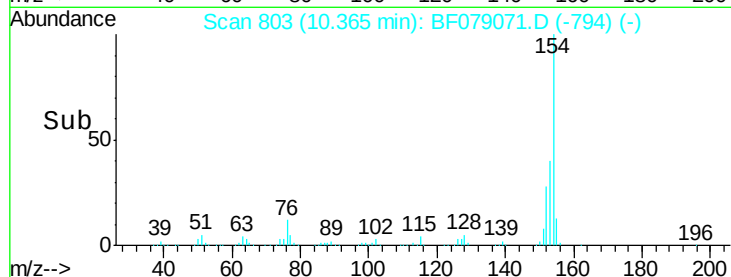
76 11.5 0.0 35.0



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: 38.34 ng

RT: 10.39 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

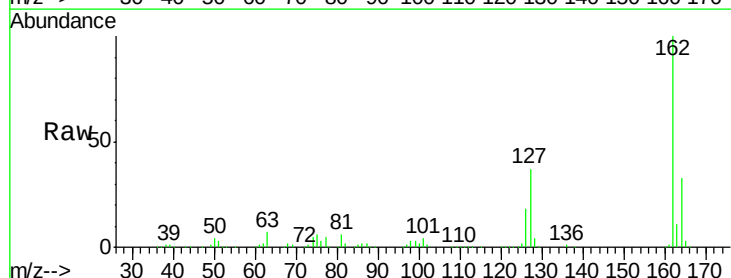
Tgt Ion:162 Resp: 325247

Ion Ratio Lower Upper

162 100

127 37.2 33.9 50.9

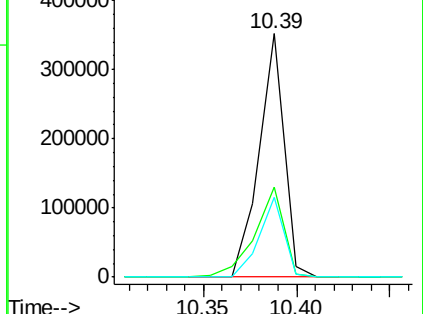
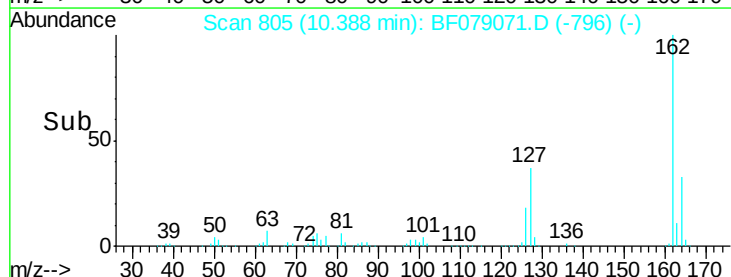
164 32.6 26.3 39.5

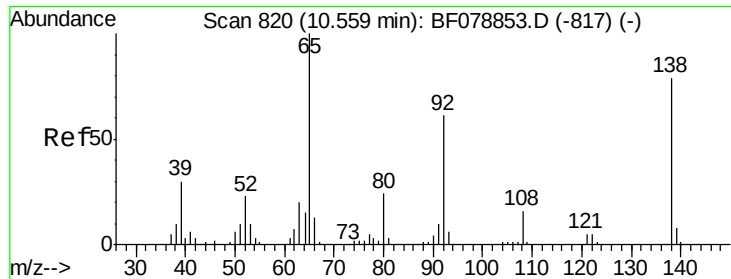


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.93 ng

RT: 10.51 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

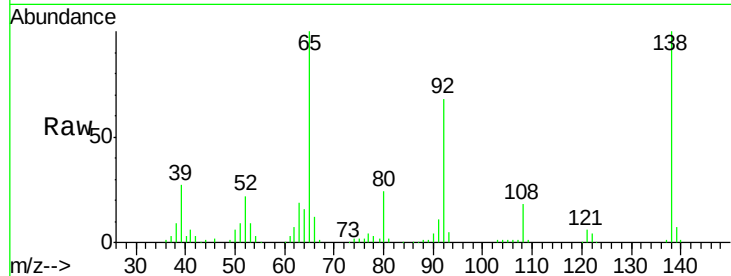
Tgt Ion: 65 Resp: 98160

Ion Ratio Lower Upper

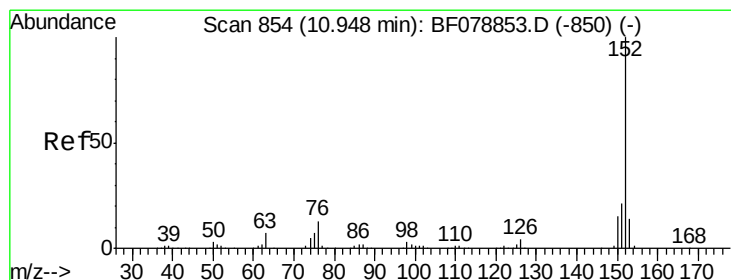
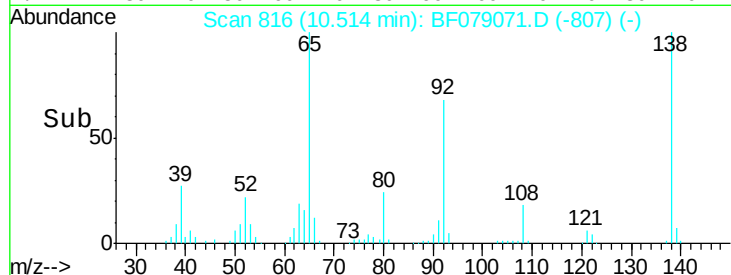
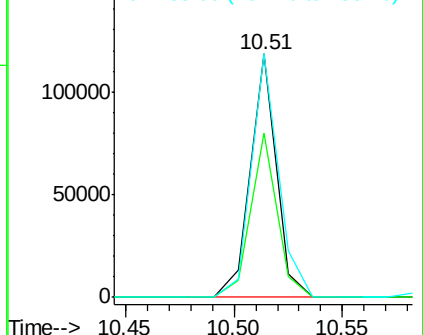
65 100

92 67.6 54.0 81.0

138 100.0 75.0 112.6



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



#48

Acenaphthylene

Concen: 37.72 ng

RT: 10.90 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

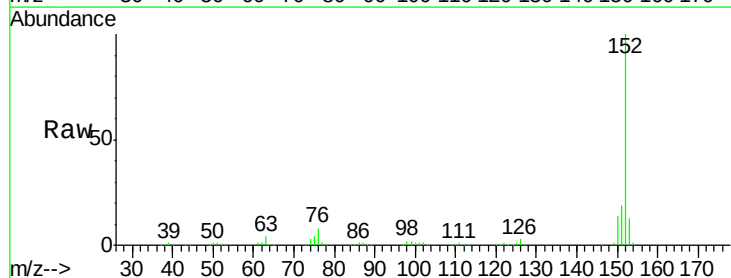
Tgt Ion: 152 Resp: 525473

Ion Ratio Lower Upper

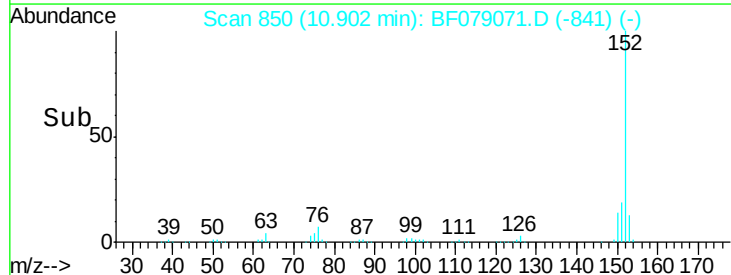
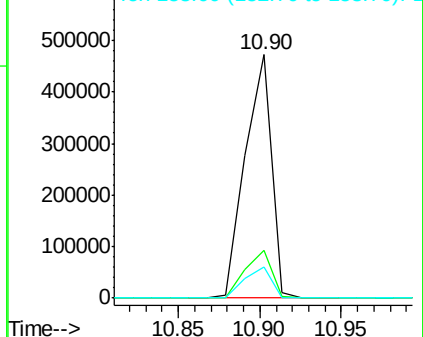
152 100

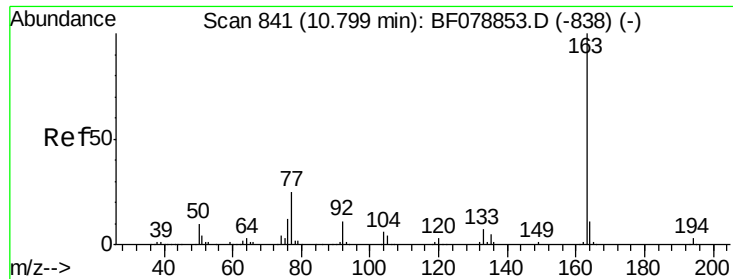
151 19.4 16.2 24.4

153 13.0 10.9 16.3



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

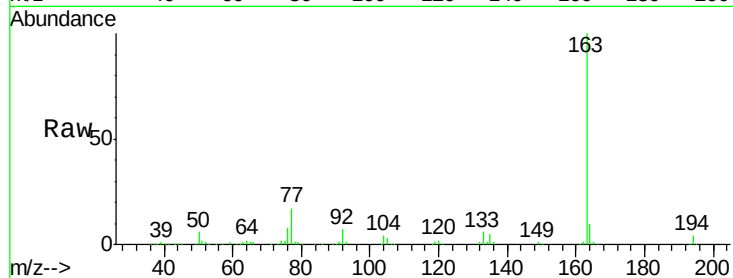




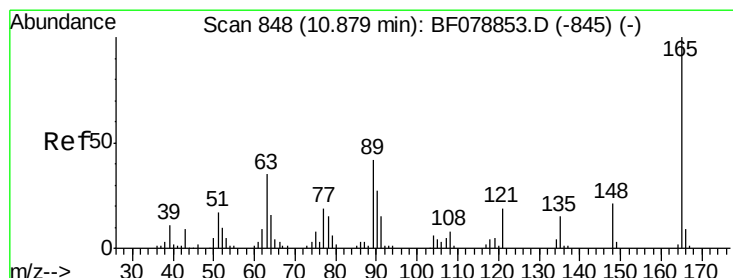
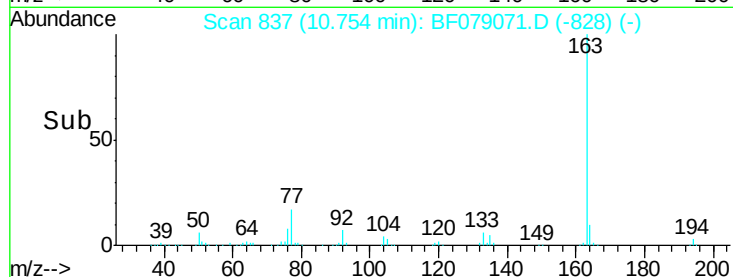
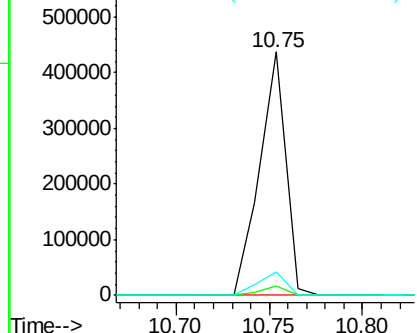
#49
Dimethylphthalate
Concen: 42.13 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

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

Tgt Ion:163 Resp: 423057
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.1 12.1

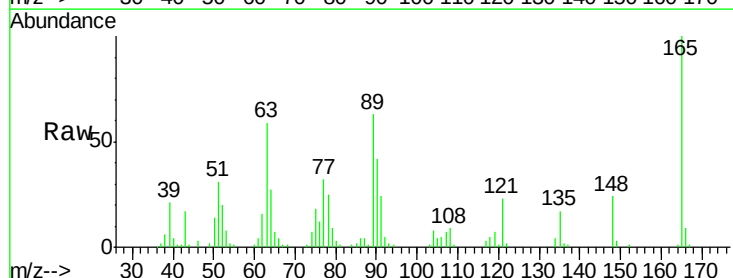


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

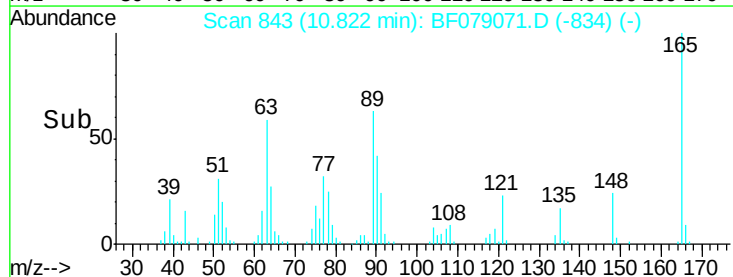
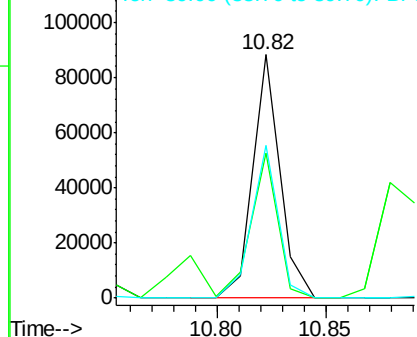


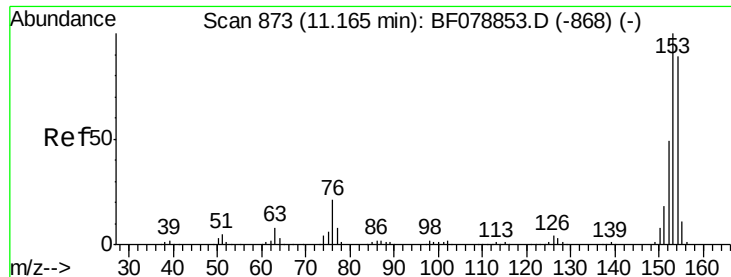
#50
2,6-Dinitrotoluene
Concen: 38.43 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:165 Resp: 76154
Ion Ratio Lower Upper
165 100
63 59.5 54.4 81.6
89 62.7 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: 35.41 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

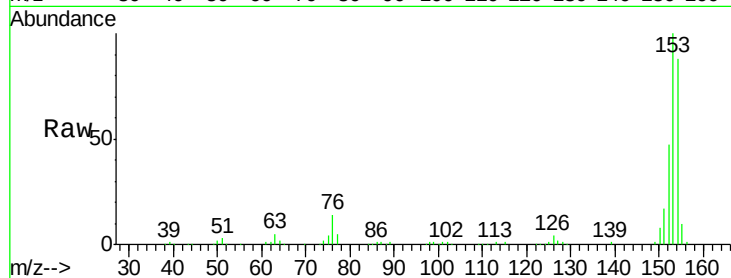
Tgt Ion:154 Resp: 294150

Ion Ratio Lower Upper

154 100

153 113.9 91.5 137.3

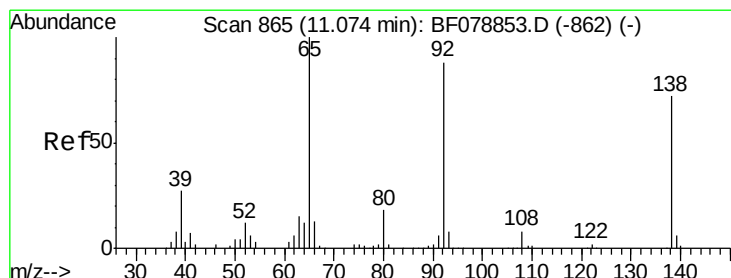
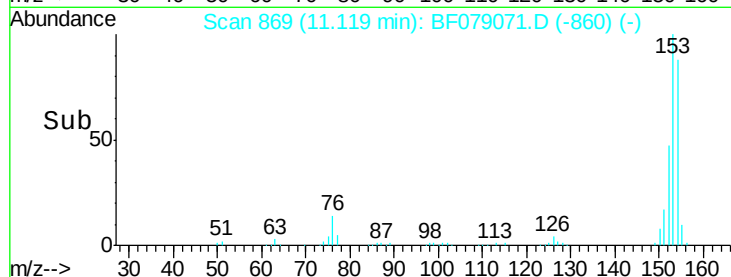
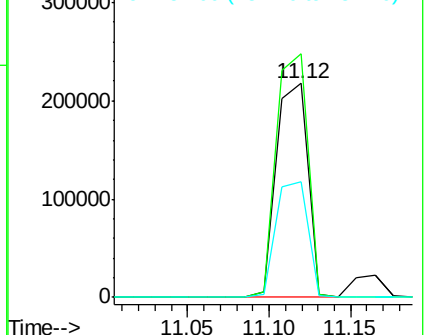
152 54.0 44.2 66.4



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: 19.00 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

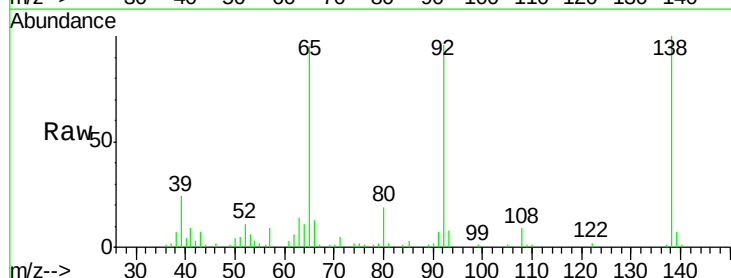
Tgt Ion:138 Resp: 47038

Ion Ratio Lower Upper

138 100

108 9.4 10.6 16.0#

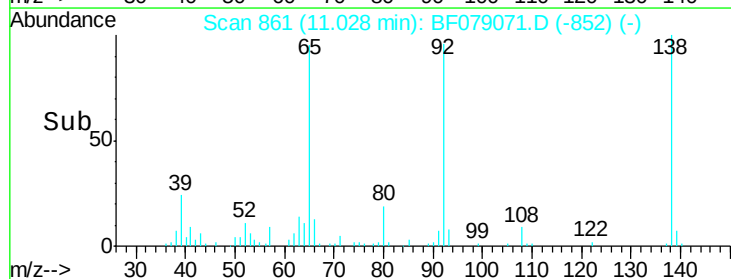
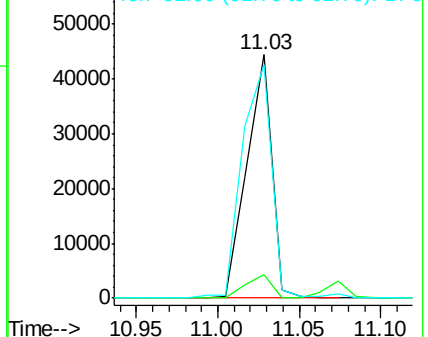
92 95.6 81.8 122.6

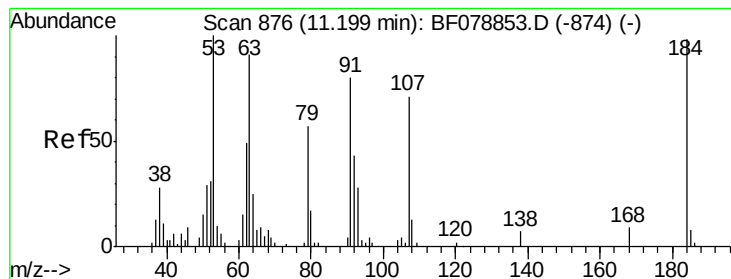


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 66.61 ng

RT: 11.17 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

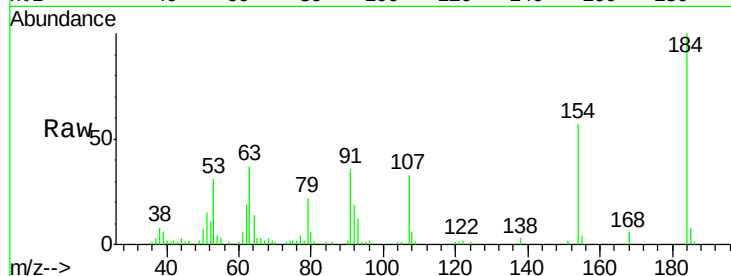
Tgt Ion:184 Resp: 49499

Ion Ratio Lower Upper

184 100

63 37.5 63.3 94.9#

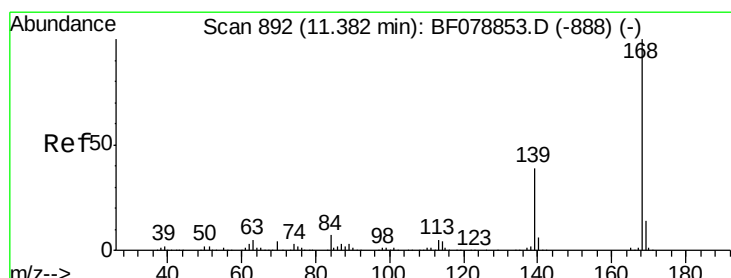
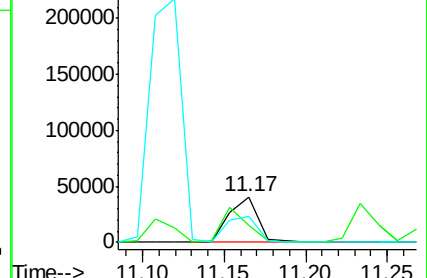
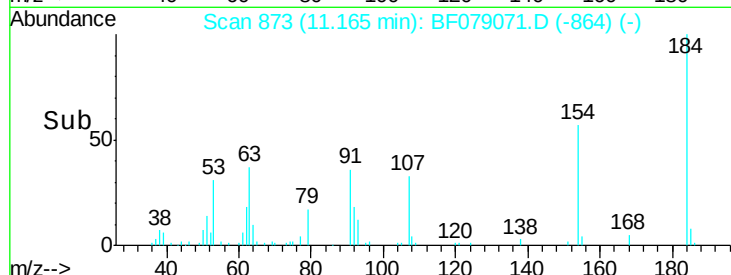
154 57.0 53.8 80.6



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: 37.41 ng

RT: 11.33 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

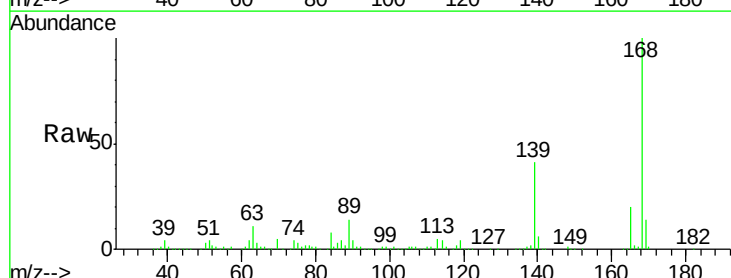
Tgt Ion:168 Resp: 448909

Ion Ratio Lower Upper

168 100

139 41.1 31.0 46.4

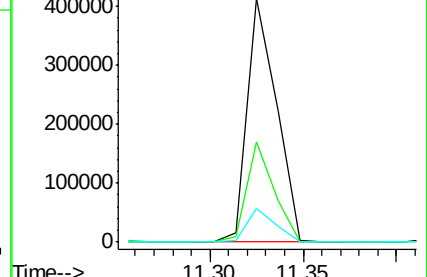
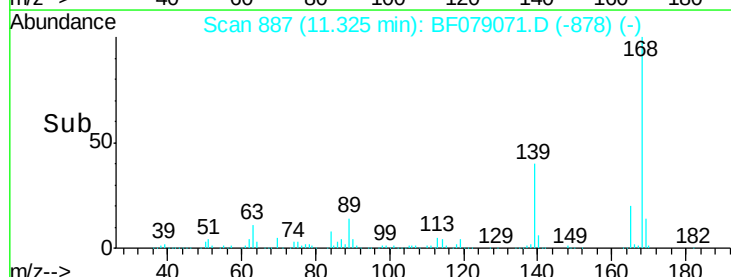
169 14.0 10.6 16.0

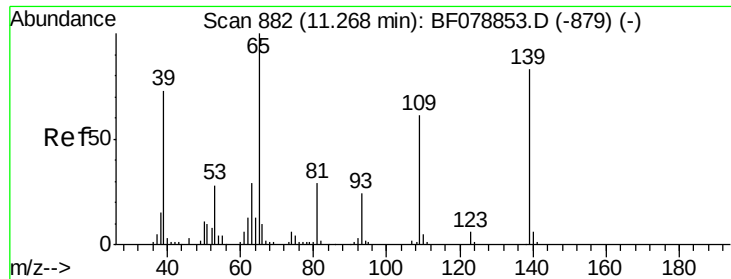


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

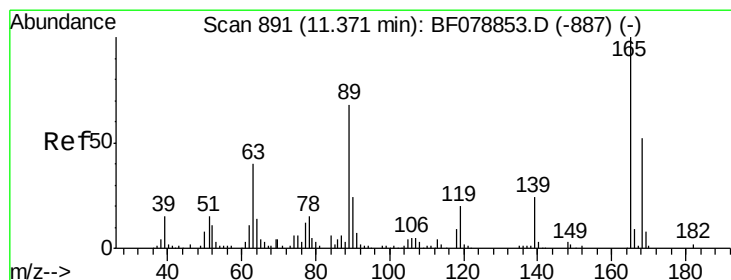
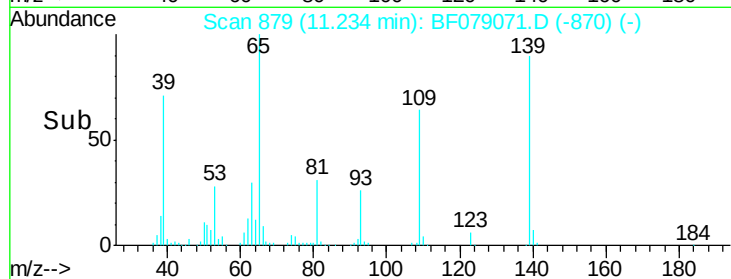
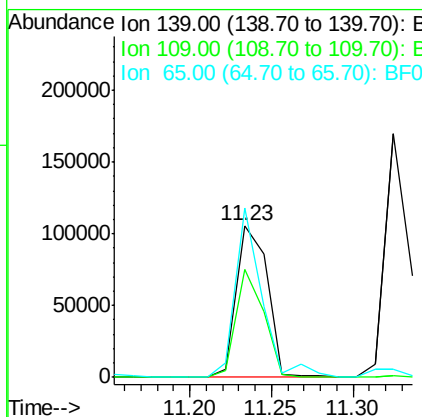
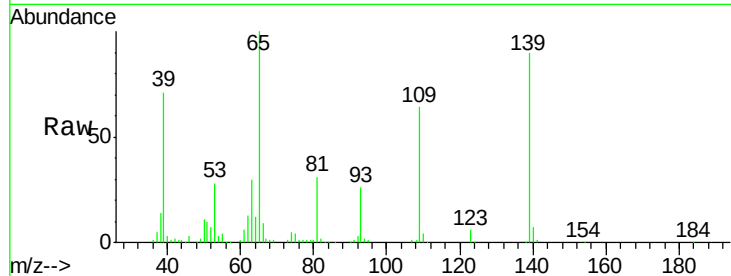




#55
4-Nitrophenol
Concen: 70.74 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

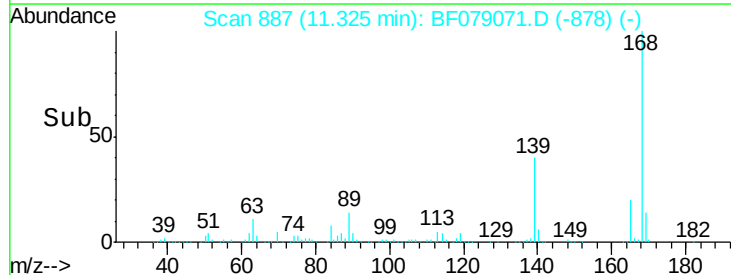
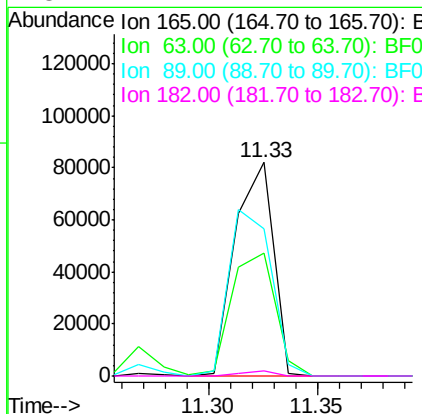
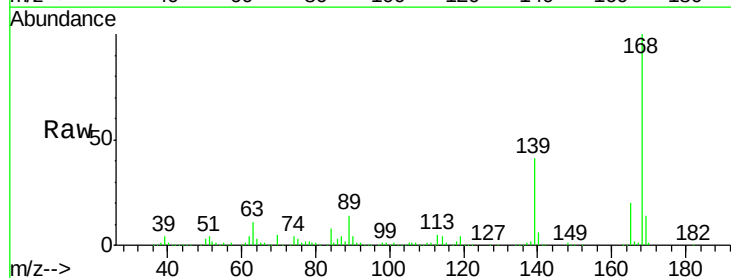
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

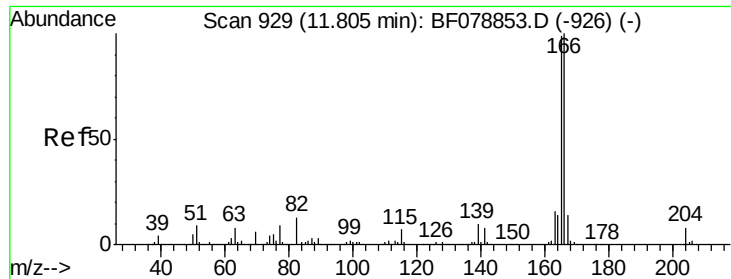
Tgt Ion:139 Resp: 138598
Ion Ratio Lower Upper
139 100
109 71.4 47.6 87.6
65 111.6 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 38.45 ng
RT: 11.33 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:165 Resp: 100722
Ion Ratio Lower Upper
165 100
63 57.4 51.2 76.8
89 69.0 82.7 124.1#
182 2.2 1.4 2.2#

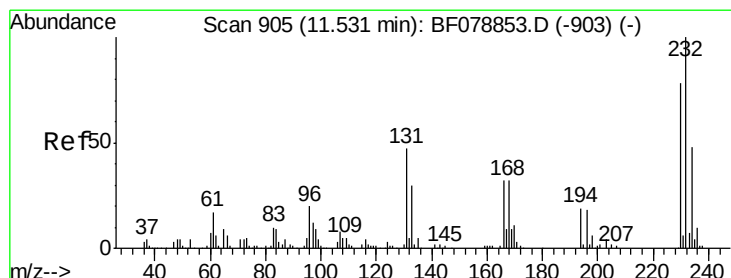
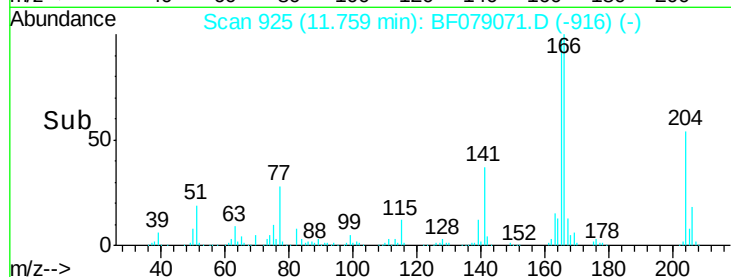
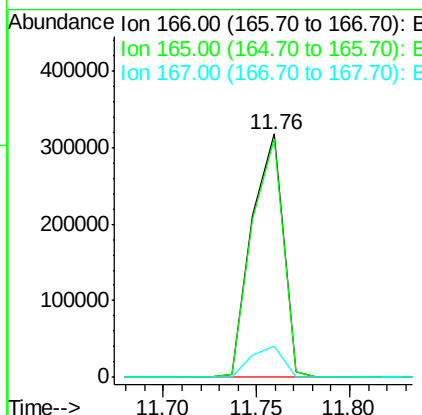
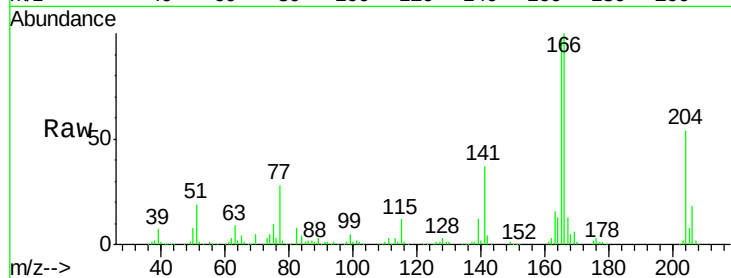




#57
 Fluorene
 Concen: 37.53 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

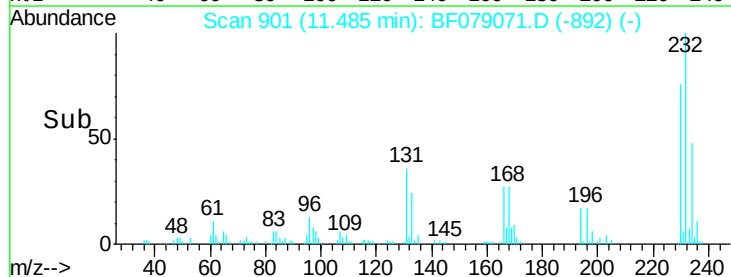
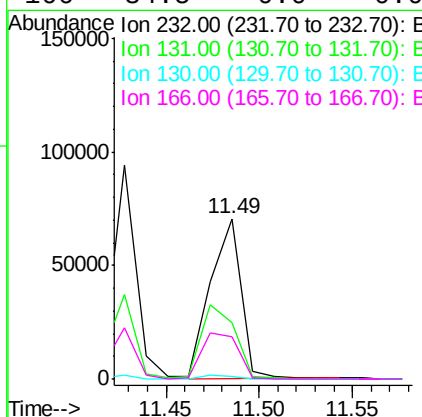
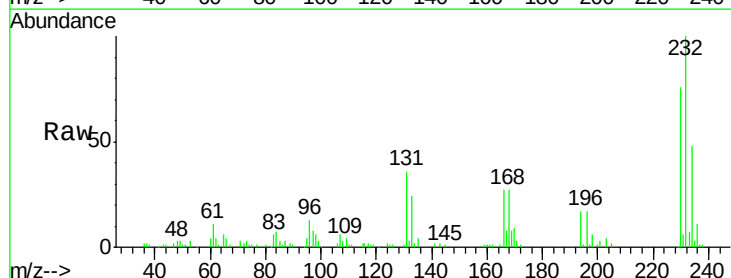
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

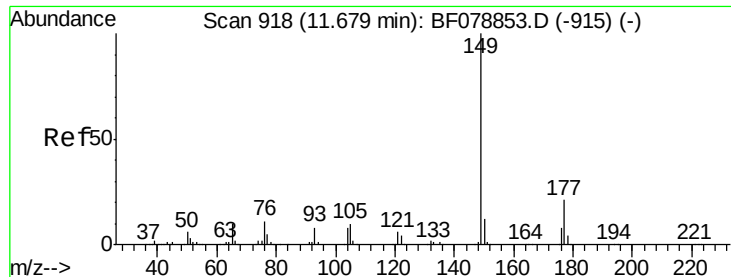
Tgt Ion:166 Resp: 369674
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.5 117.7
 167 13.0 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.78 ng
 RT: 11.49 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:232 Resp: 80509
 Ion Ratio Lower Upper
 232 100
 131 51.8 0.0 0.0#
 130 2.3 0.0 0.0#
 166 34.5 0.0 0.0#

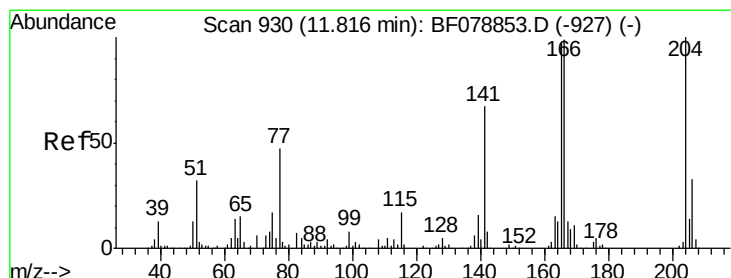
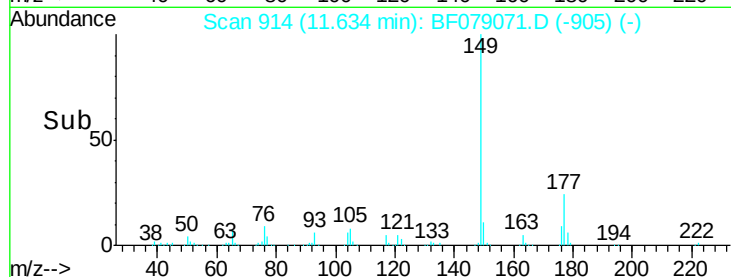
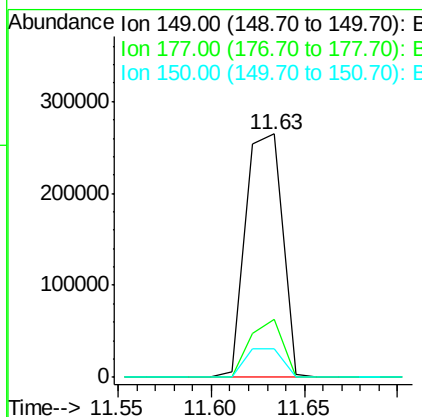
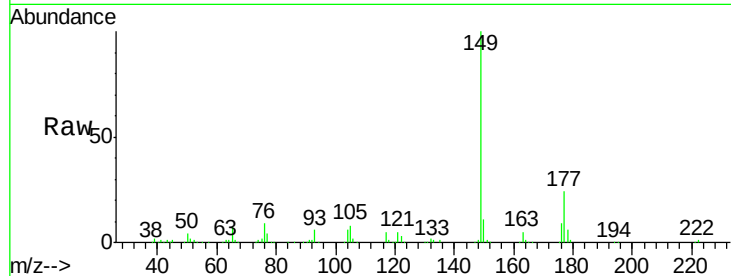




#59
Diethylphthalate
Concen: 36.30 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

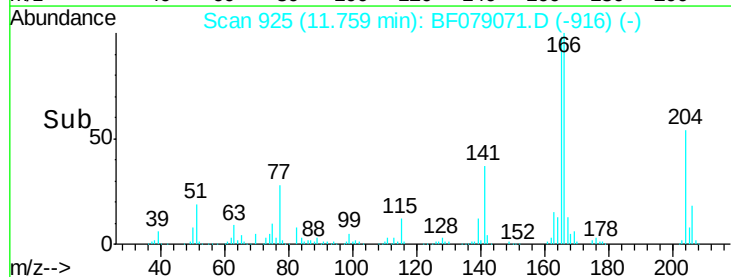
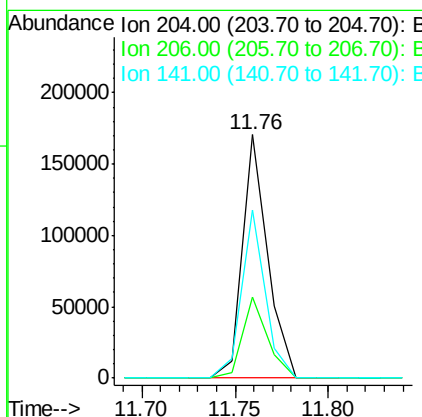
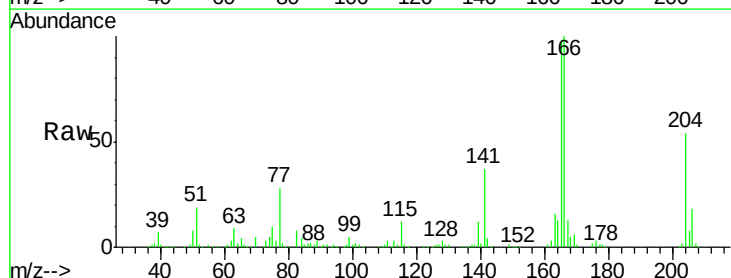
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

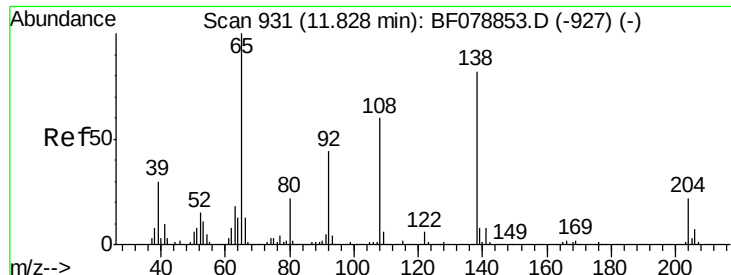
Tgt Ion:149 Resp: 361151
Ion Ratio Lower Upper
149 100
177 23.8 17.5 26.3
150 11.5 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 36.78 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:204 Resp: 160694
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 68.9 48.3 72.5

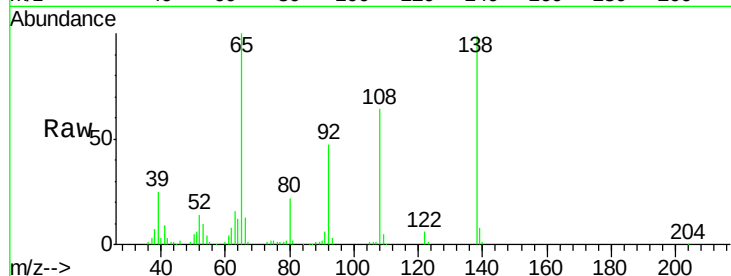




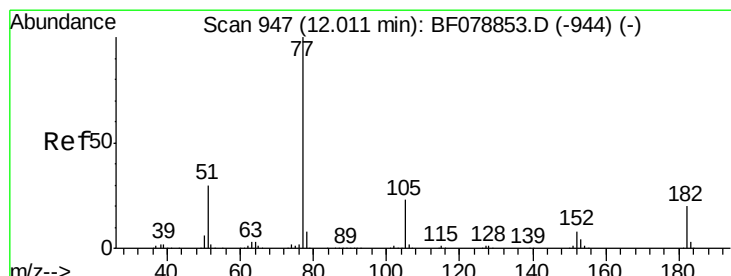
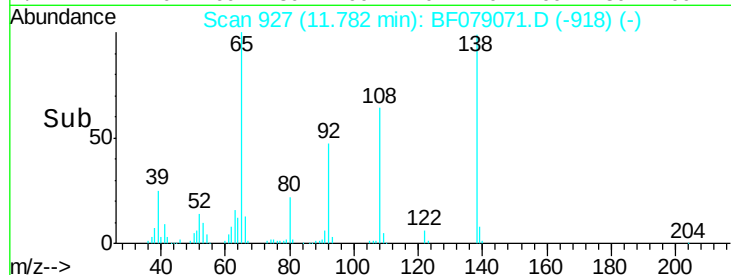
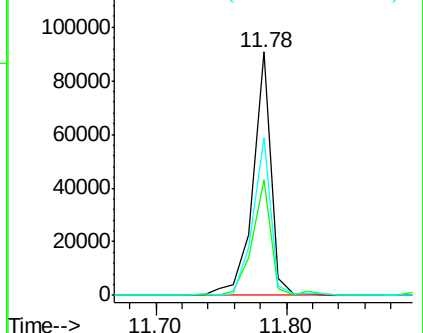
#61
4-Nitroaniline
Concen: 35.33 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

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

Tgt Ion:138 Resp: 87505
Ion Ratio Lower Upper
138 100
92 47.4 28.0 68.0
108 64.9 56.3 96.3

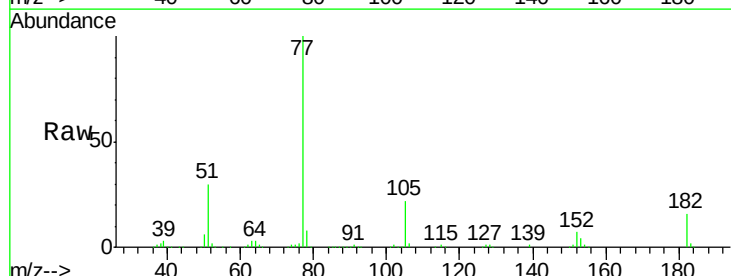


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

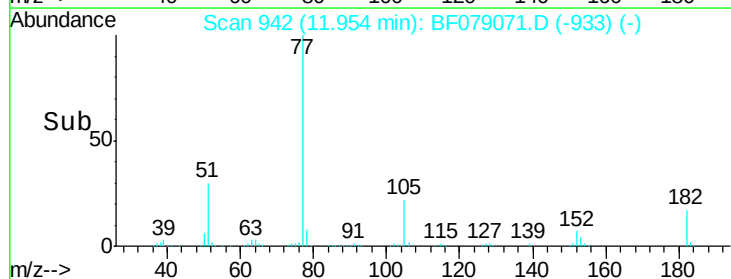
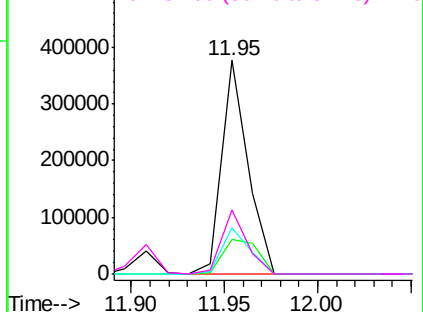


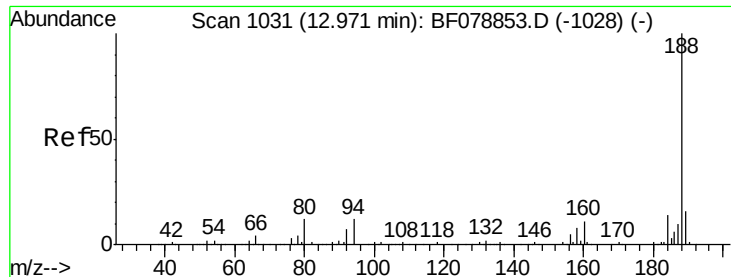
#62
Azobenzene
Concen: 37.79 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion: 77 Resp: 370429
Ion Ratio Lower Upper
77 100
182 16.5 3.8 43.8
105 21.7 3.9 43.9
51 30.2 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

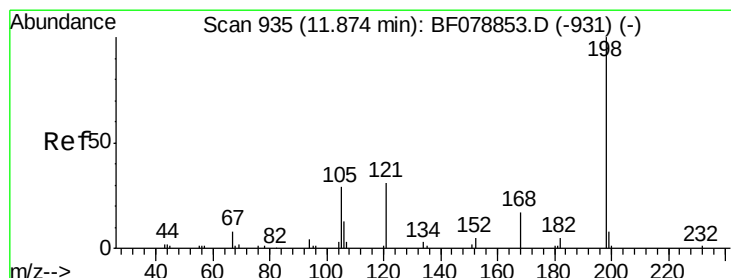
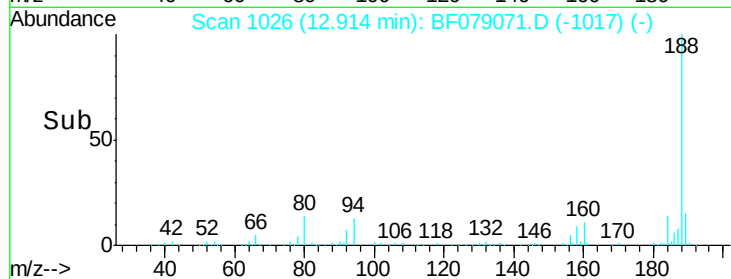
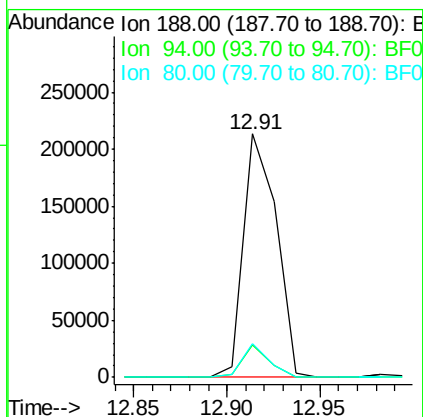
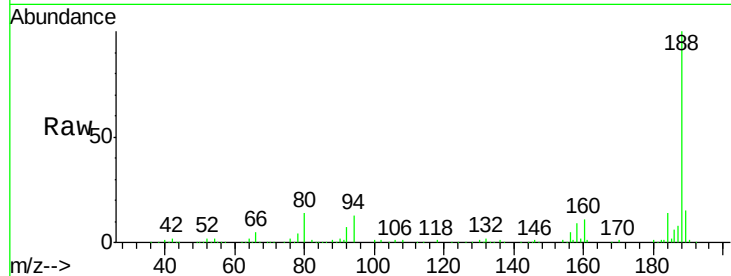




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

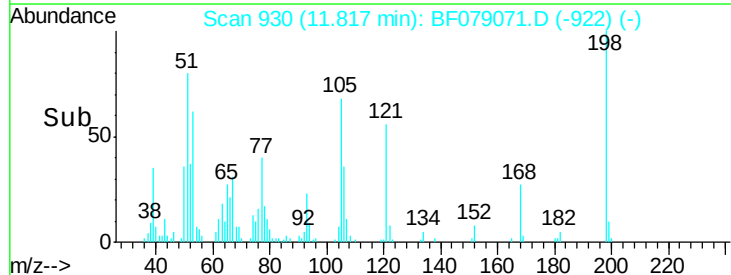
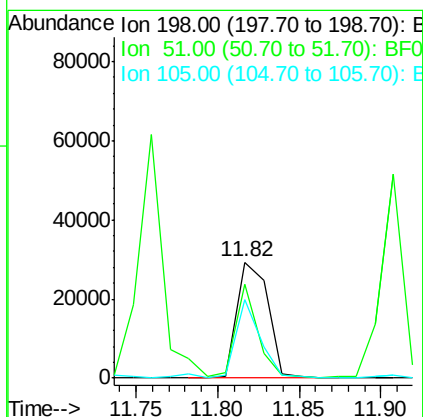
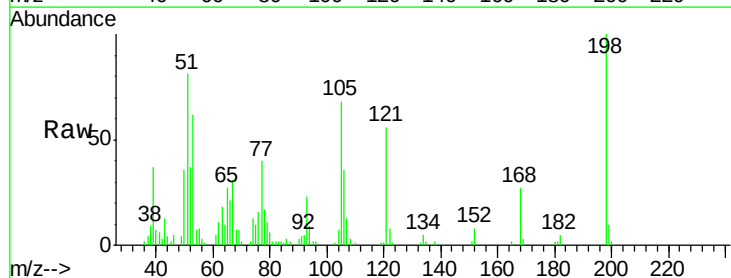
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

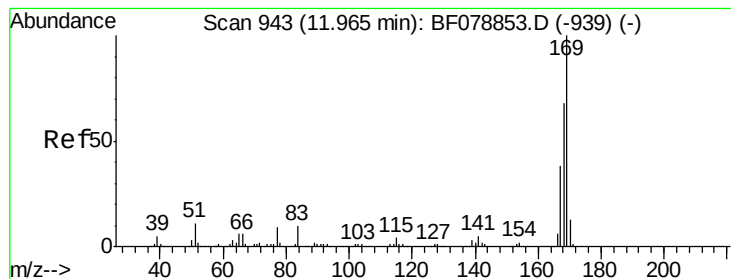
Tgt Ion:188 Resp: 260432
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.2 12.2#
 80 13.9 8.9 13.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.36 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:198 Resp: 38213
 Ion Ratio Lower Upper
 198 100
 51 81.0 47.3 87.3
 105 67.7 38.8 78.8





#65

n-Nitrosodiphenylamine

Concen: 37.07 ng

RT: 11.91 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

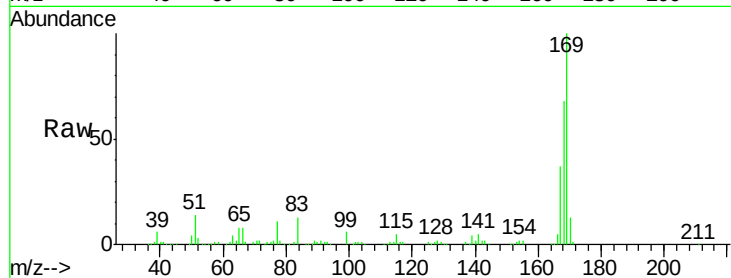
Tgt Ion:169 Resp: 321520

Ion Ratio Lower Upper

169 100

168 68.0 54.6 82.0

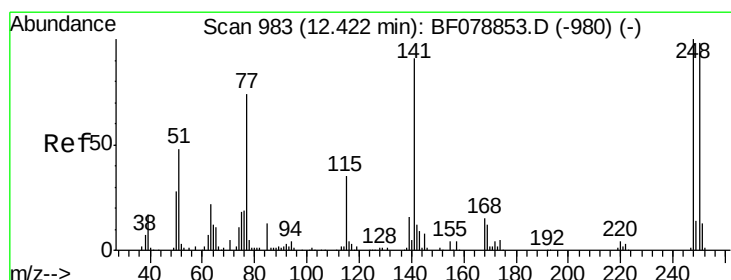
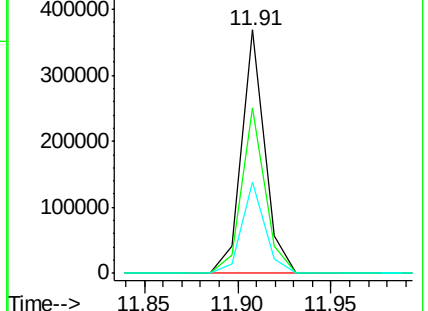
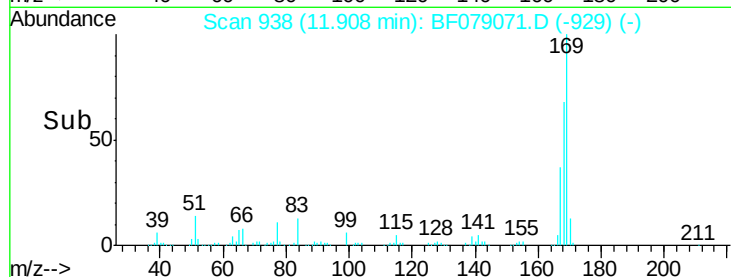
167 37.2 30.6 45.8



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: 36.21 ng

RT: 12.37 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

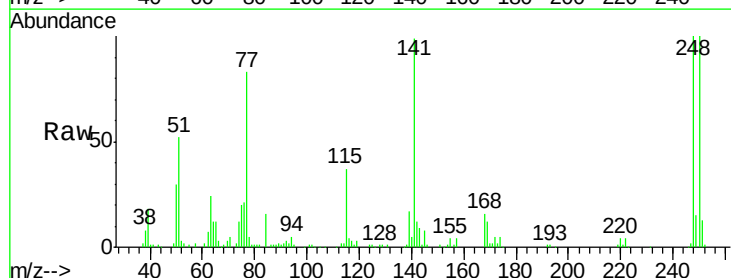
Tgt Ion:248 Resp: 98294

Ion Ratio Lower Upper

248 100

250 100.4 77.1 115.7

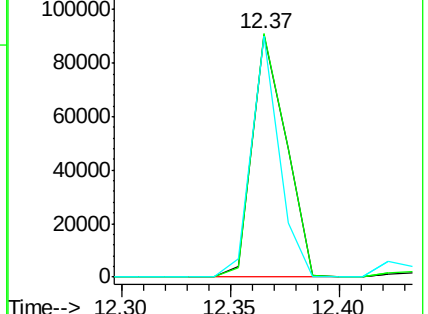
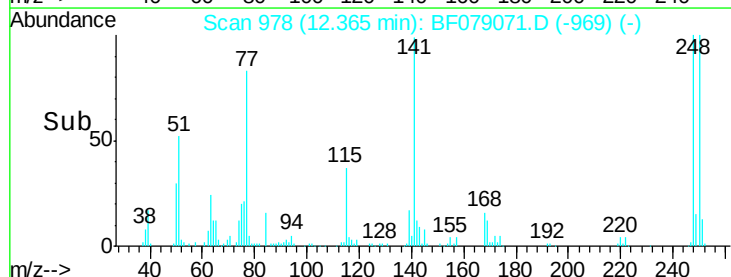
141 99.4 58.8 88.2#

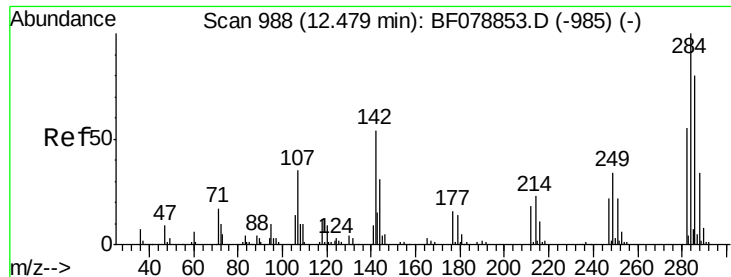


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

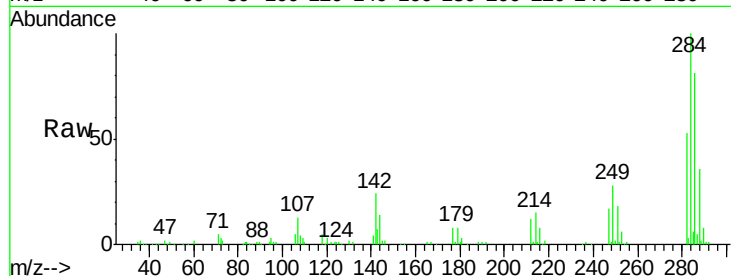




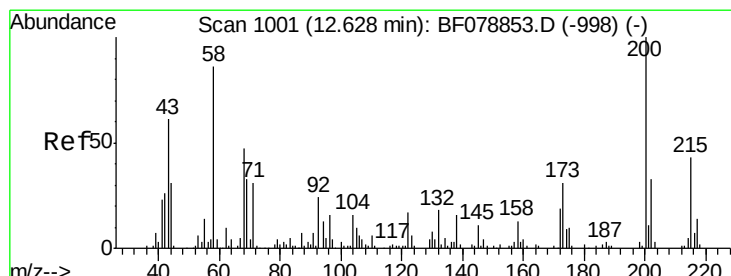
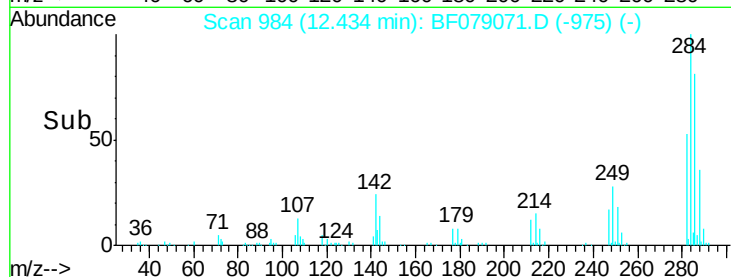
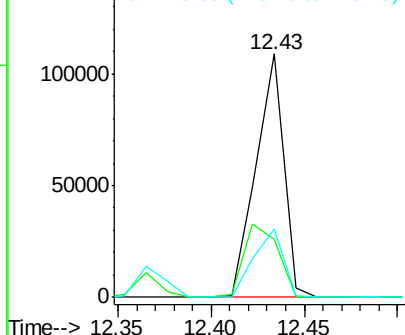
#67
Hexachlorobenzene
Concen: 36.11 ng
RT: 12.43 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

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

Tgt Ion: 284 Resp: 112051
Ion Ratio Lower Upper
284 100
142 24.0 35.2 52.8#
249 27.9 25.4 38.2

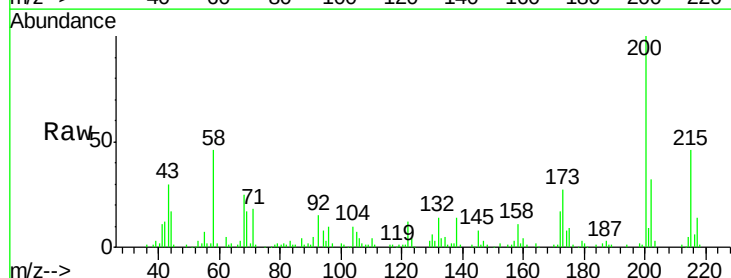


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

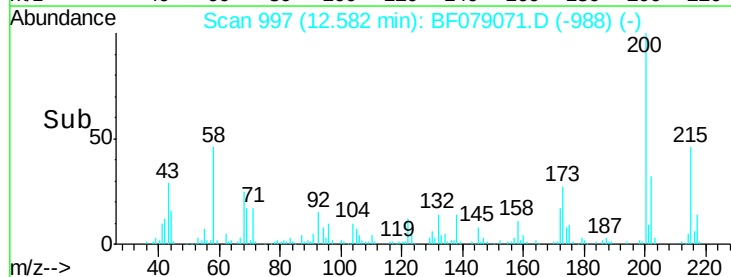
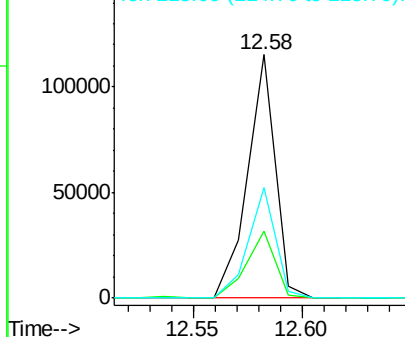


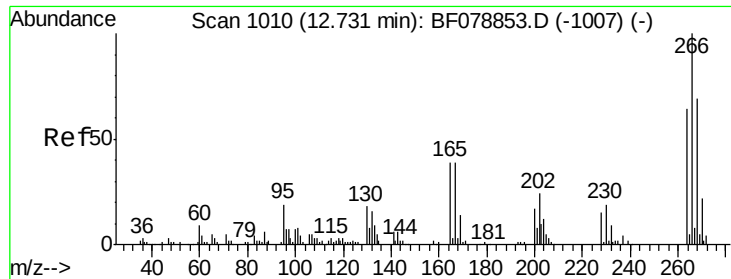
#68
Atrazine
Concen: 40.43 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion: 200 Resp: 101968
Ion Ratio Lower Upper
200 100
173 27.3 8.1 48.1
215 45.6 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

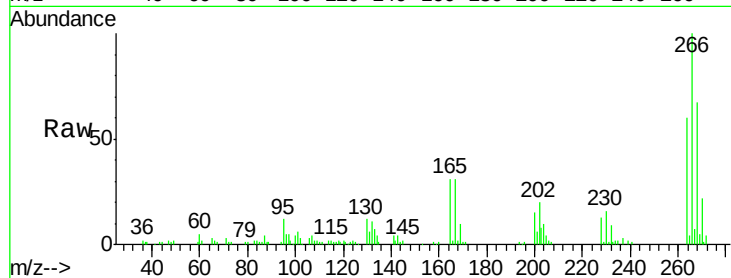




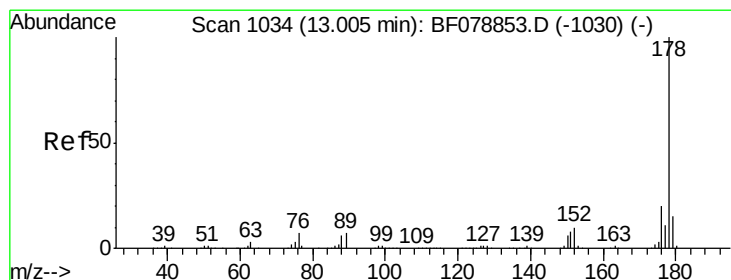
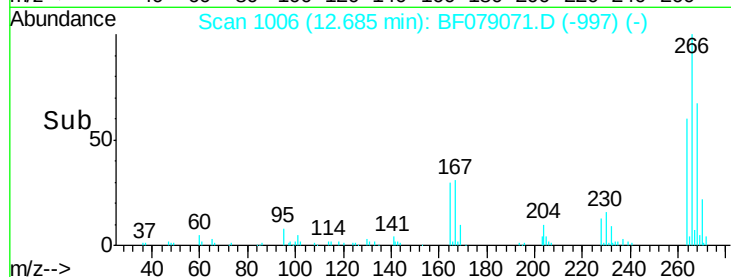
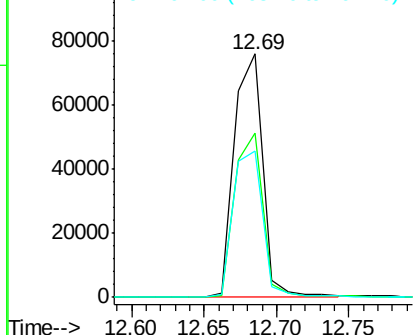
#69
 Pentachlorophenol
 Concen: 59.15 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion: 266 Resp: 103823
 Ion Ratio Lower Upper
 266 100
 268 67.3 55.0 82.6
 264 60.2 48.2 72.2

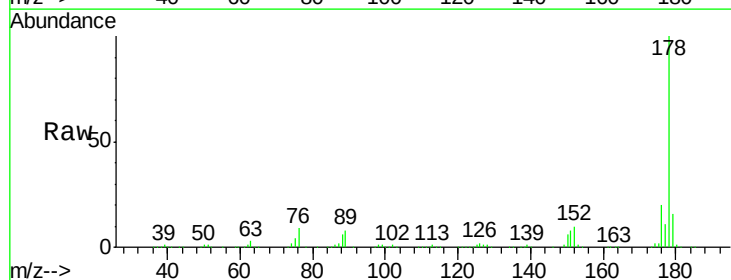


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

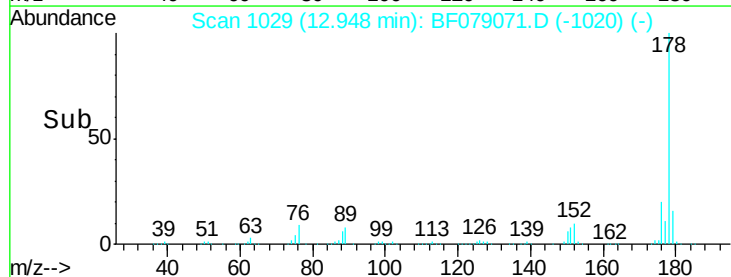
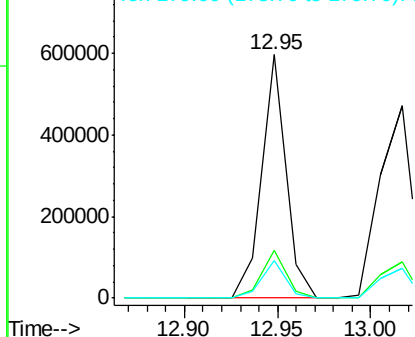


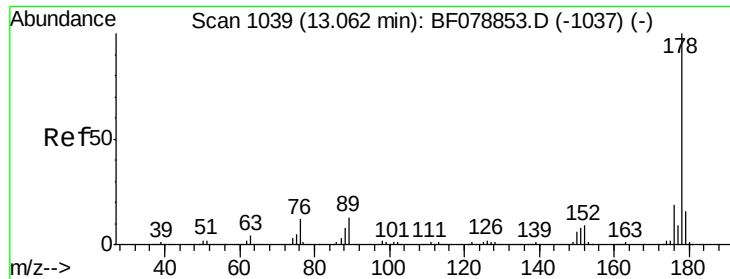
#70
 Phenanthrene
 Concen: 36.77 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion: 178 Resp: 535659
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 12.5 18.7



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

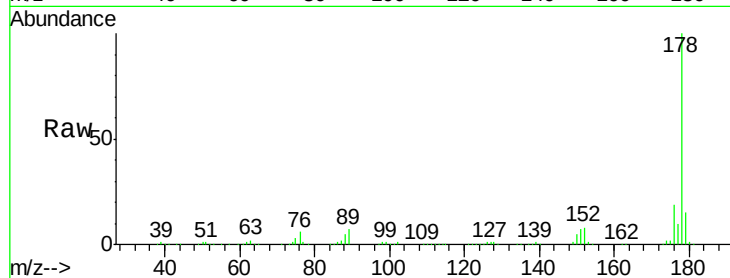




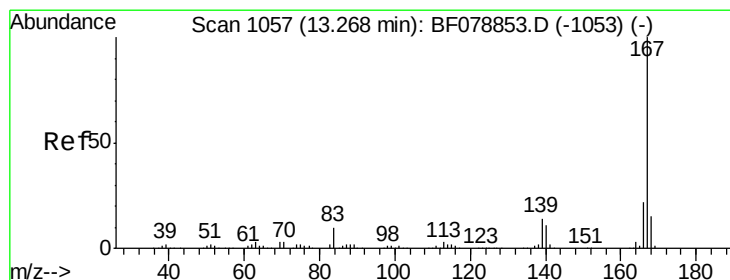
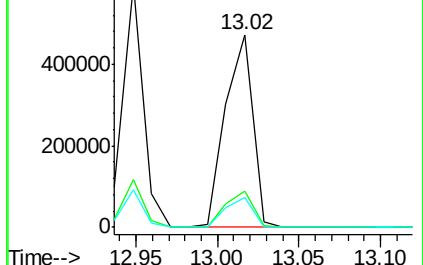
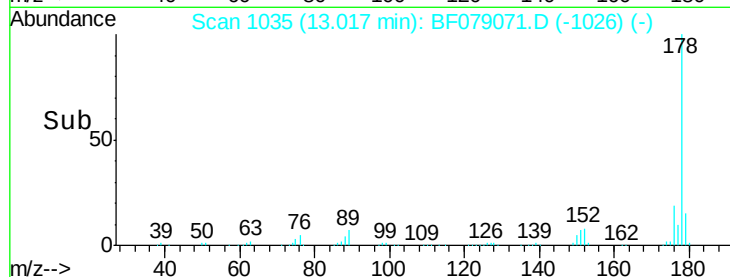
#71
 Anthracene
 Concen: 38.27 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion:178 Resp: 546969
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.3 12.7 19.1

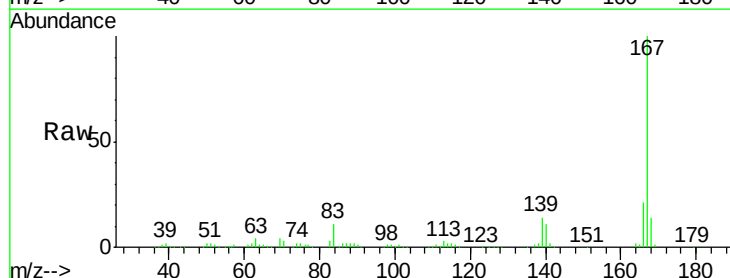


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

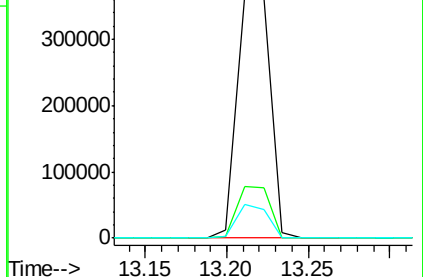
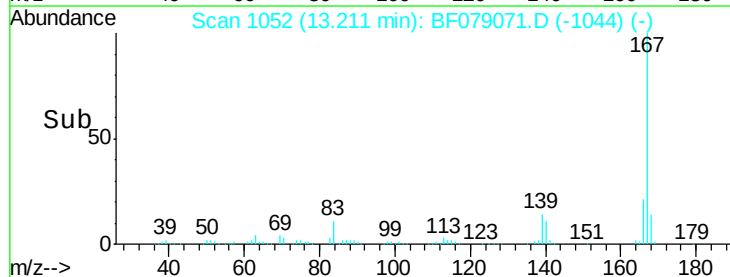


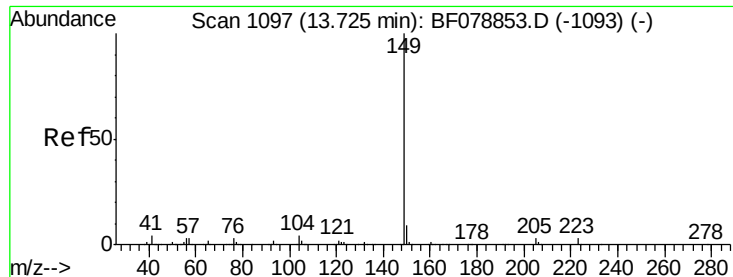
#72
 Carbazole
 Concen: 37.85 ng
 RT: 13.21 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:167 Resp: 515677
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.8
 139 13.7 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: 37.30 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

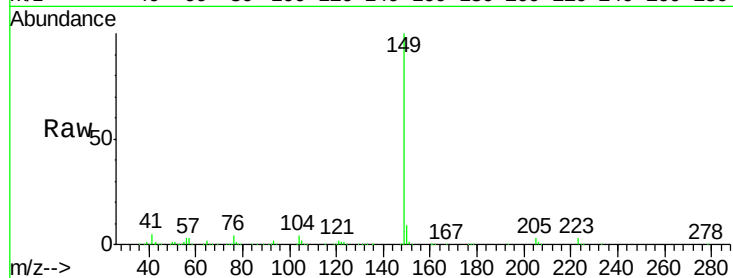
Tgt Ion:149 Resp: 609366

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

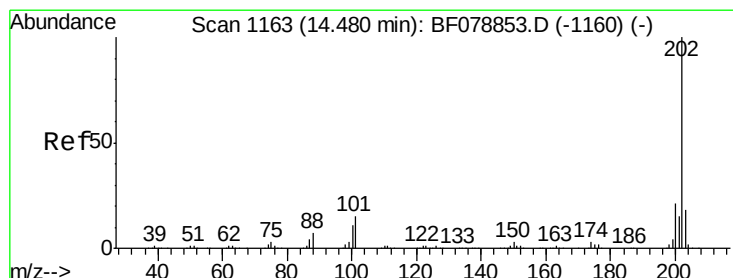
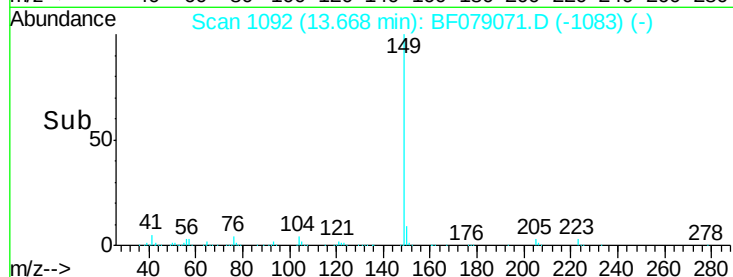
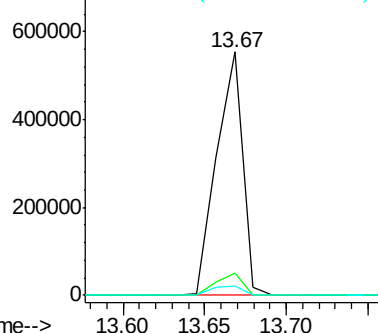
104 4.0 4.6 7.0#



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: 36.80 ng

RT: 14.42 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

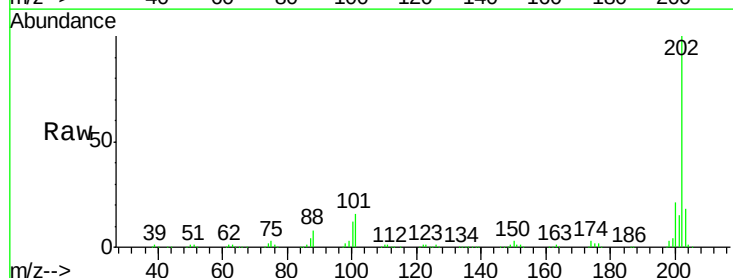
Tgt Ion:202 Resp: 558733

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

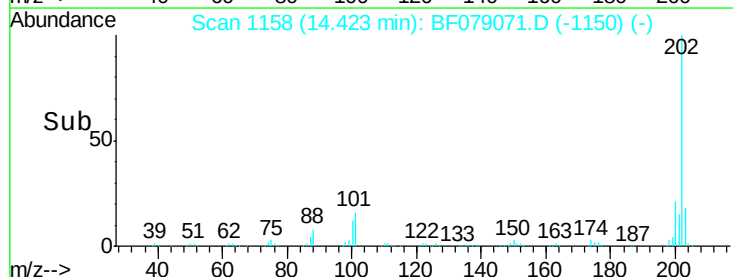
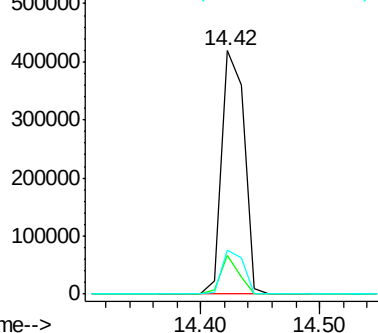
203 18.2 0.0 38.4

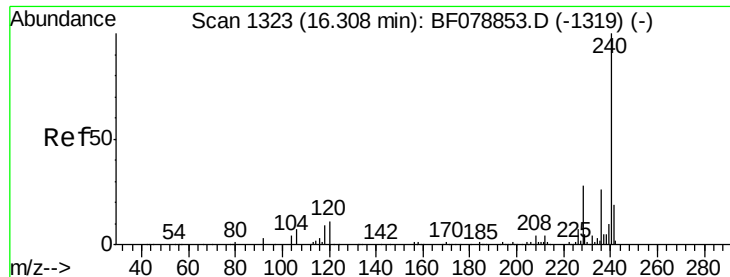


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

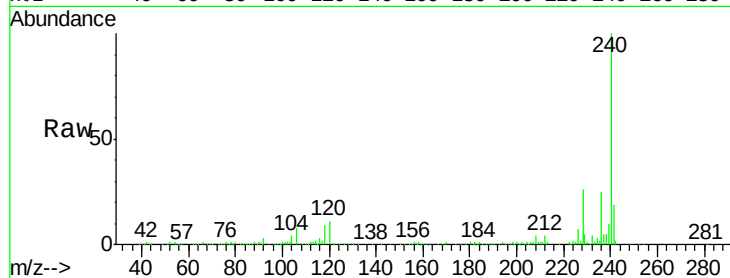
Tgt Ion:240 Resp: 250870

Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

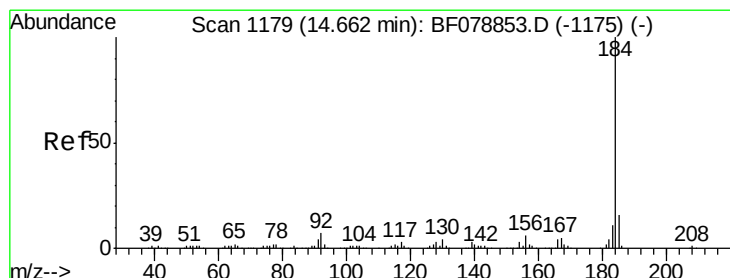
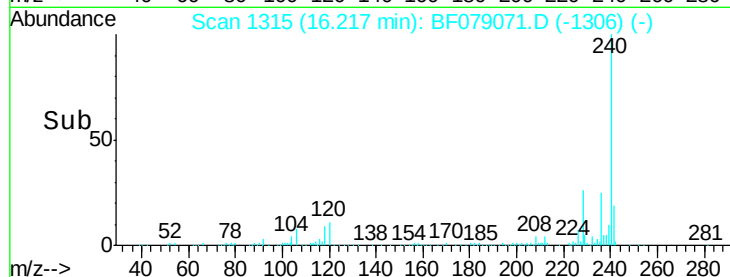
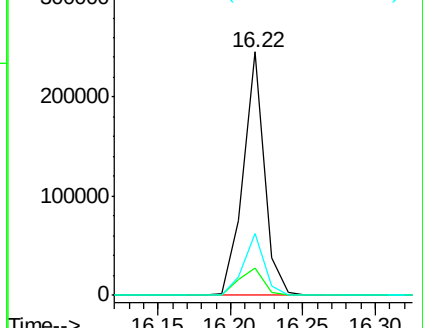
236 25.4 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.18 ng

RT: 14.61 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

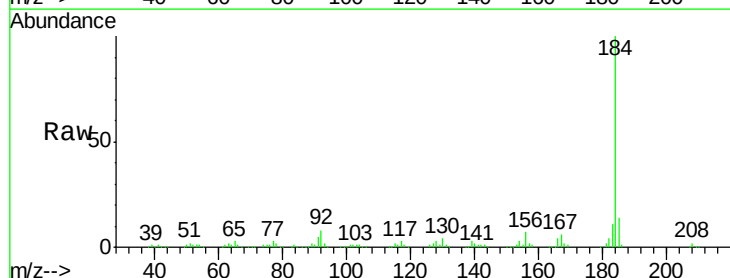
Tgt Ion:184 Resp: 197292

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

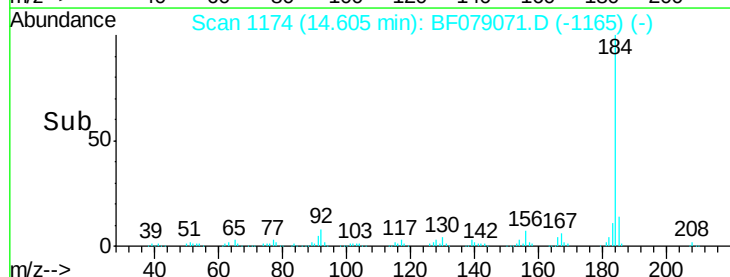
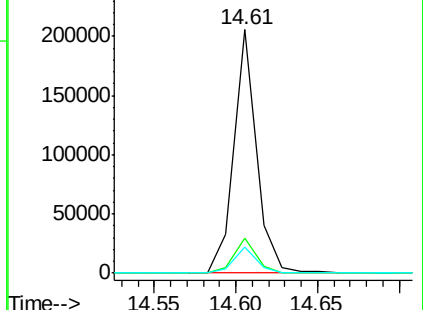
183 10.8 8.4 12.6

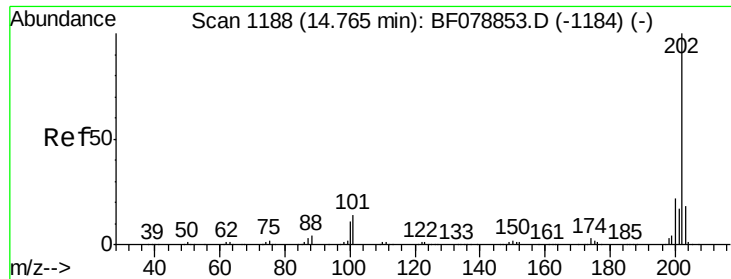


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

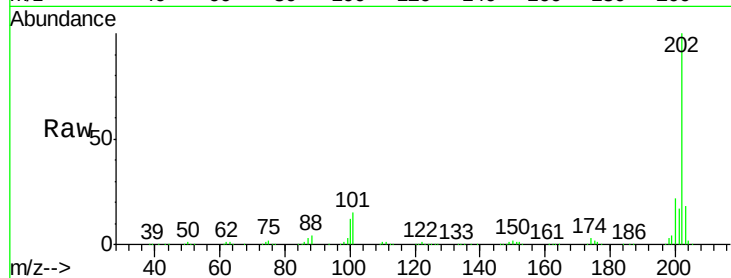




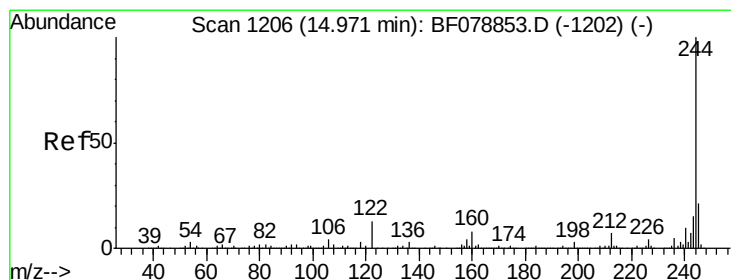
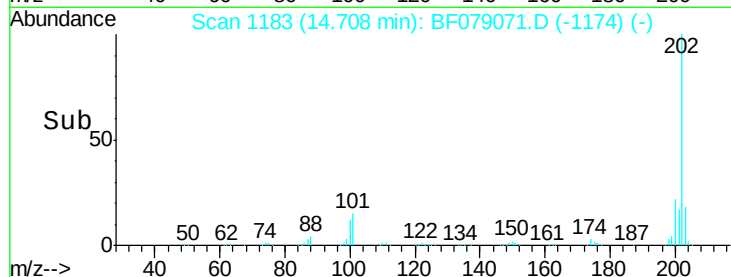
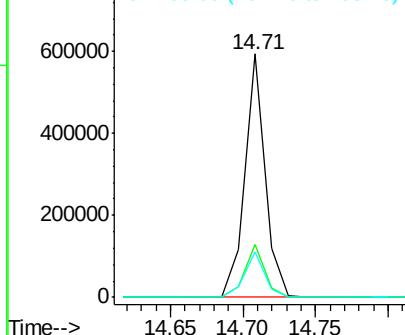
#77
 Pyrene
 Concen: 39.64 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.3	13.9	20.9

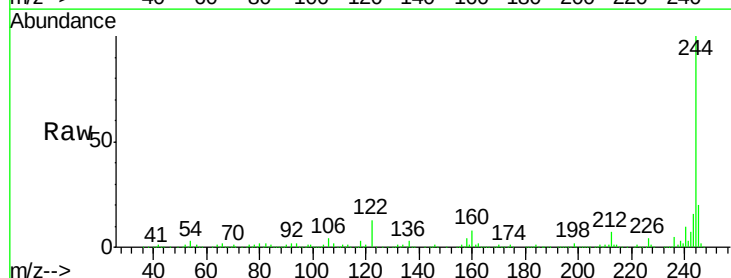


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

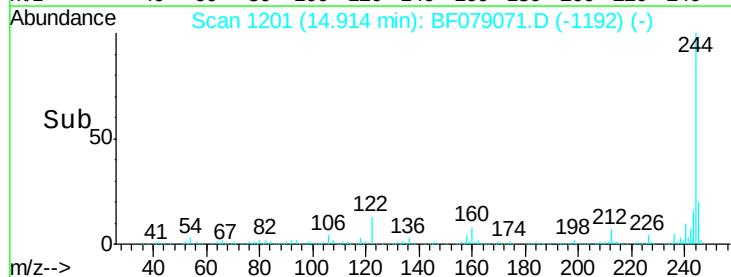
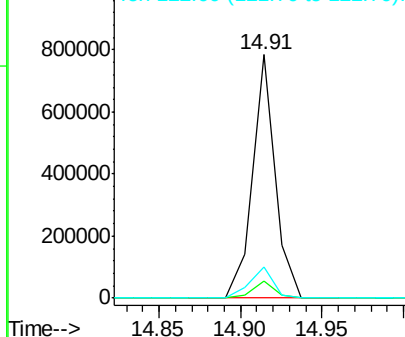


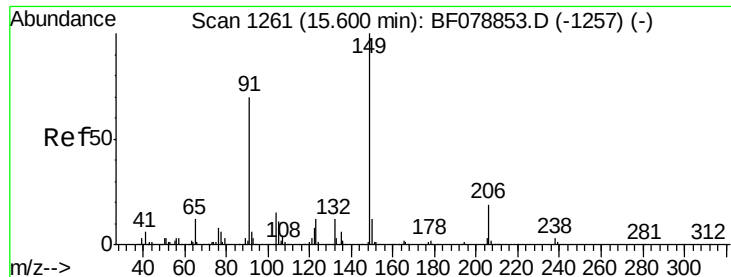
#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.7	10.3	15.5



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

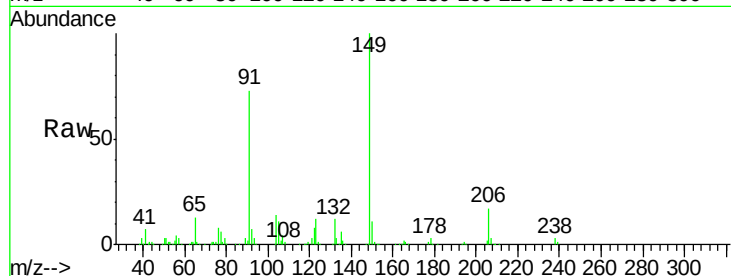




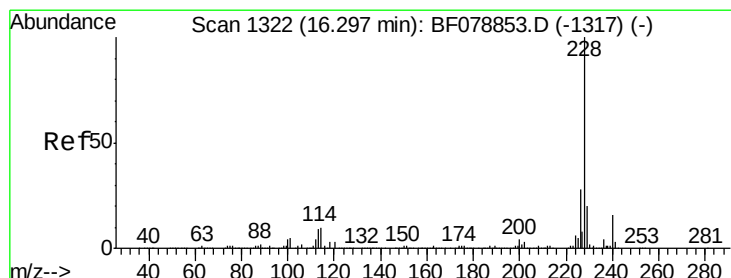
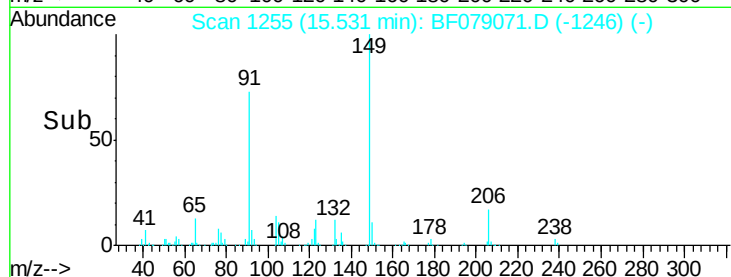
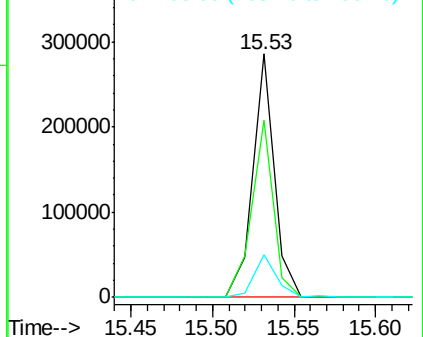
#79
Butylbenzylphthalate
Concen: 41.55 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

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

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	64.6	97.0
206	17.4	12.2	18.4

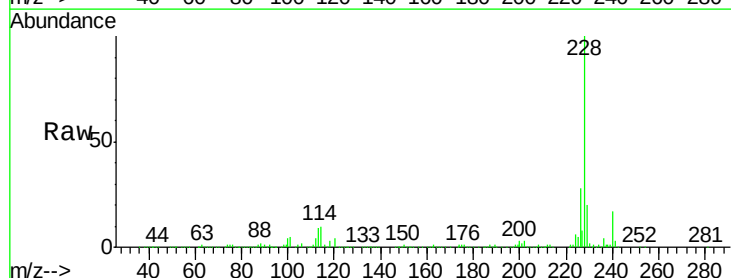


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

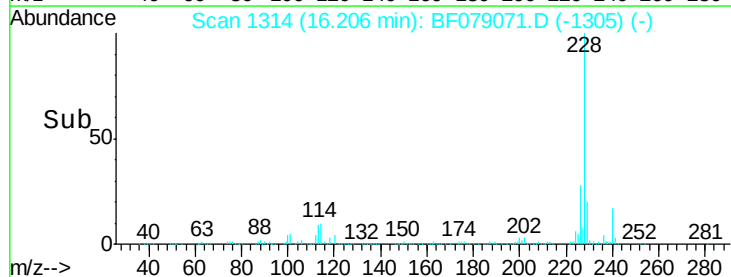
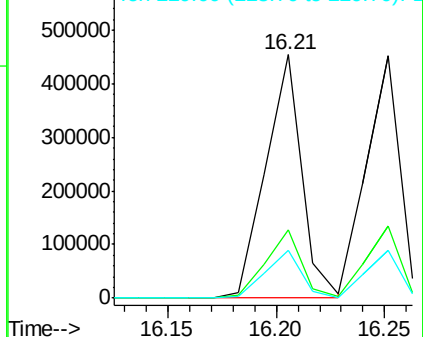


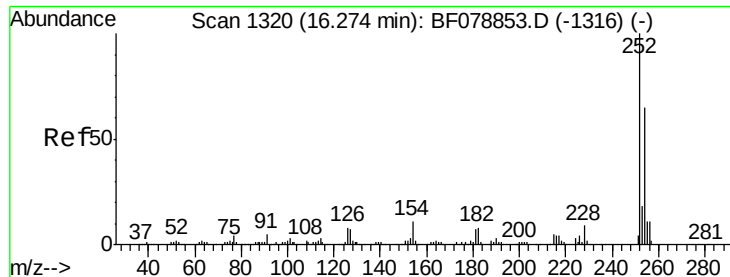
#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	15.9	23.9



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

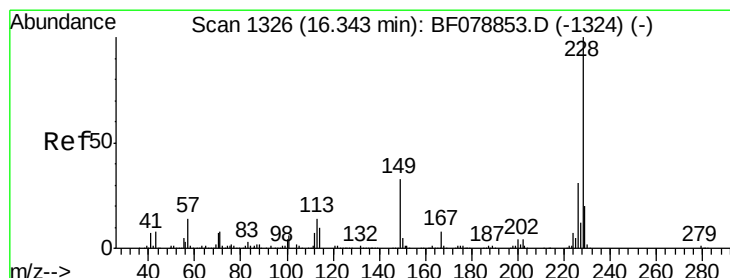
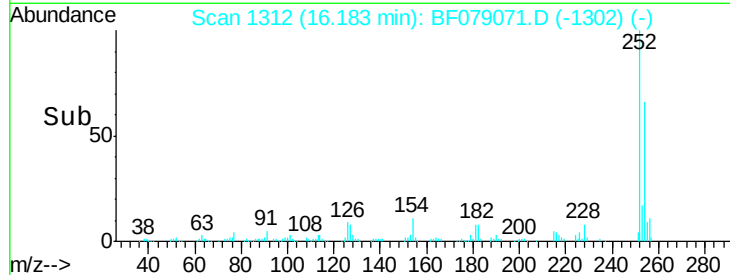
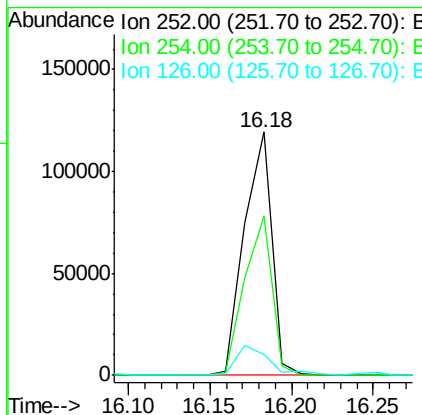
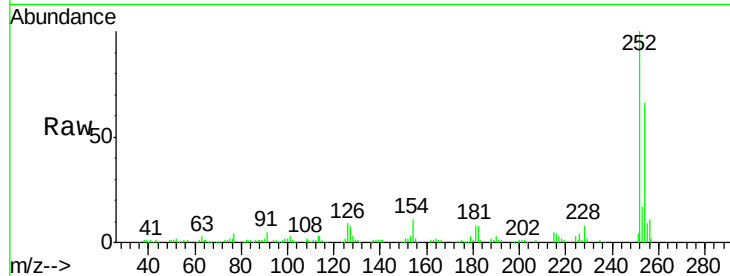




#81
 3,3'-Dichlorobenzidine
 Concen: 28.56 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

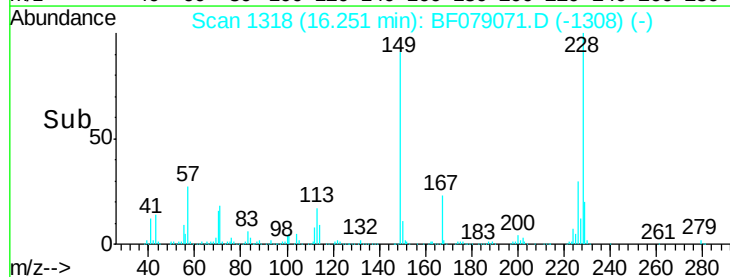
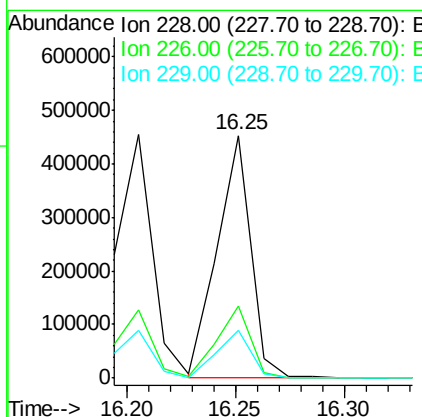
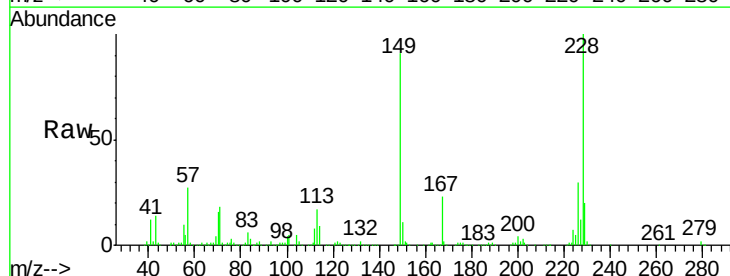
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

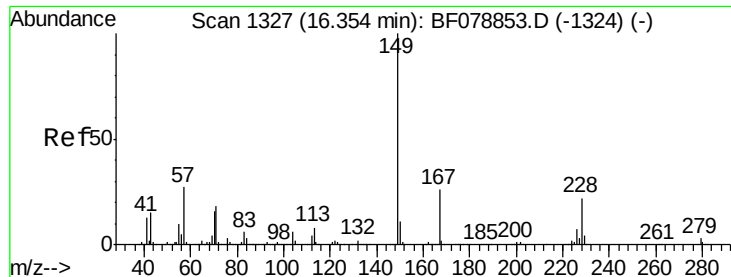
Tgt Ion:252 Resp: 139761
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.3 76.9
 126 8.6 6.6 10.0



#82
 Chrysene
 Concen: 36.58 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion:228 Resp: 483363
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.8 16.0 24.0

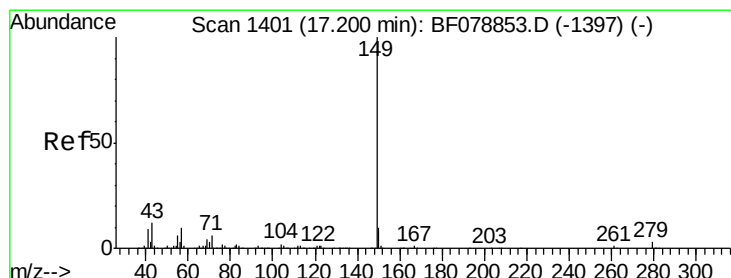
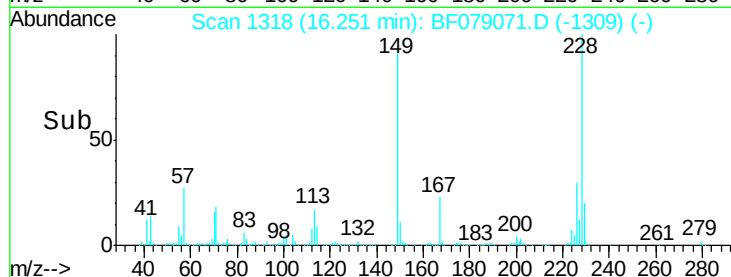
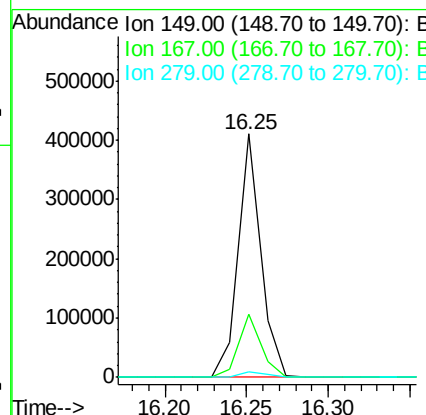
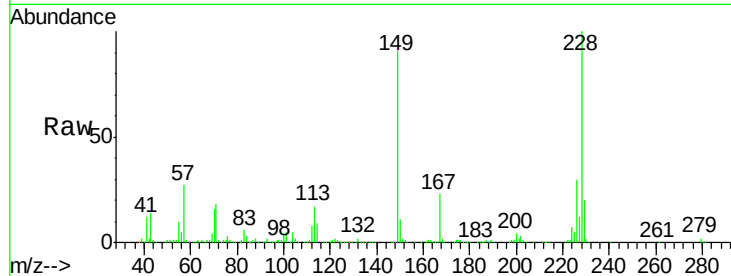




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.81 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

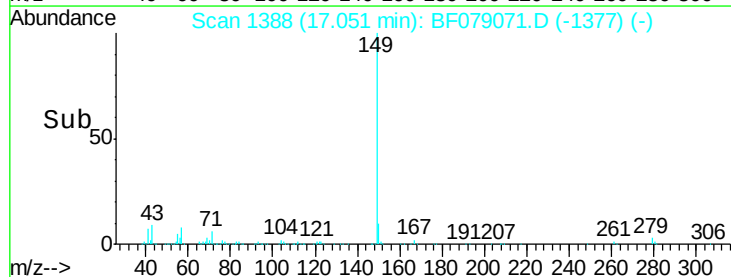
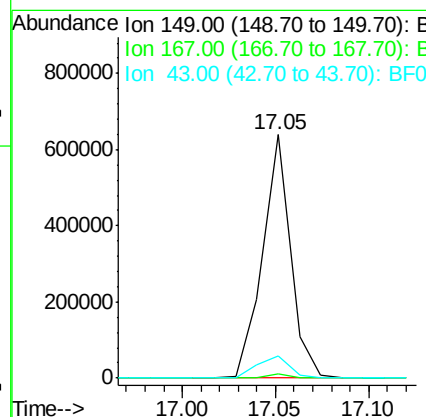
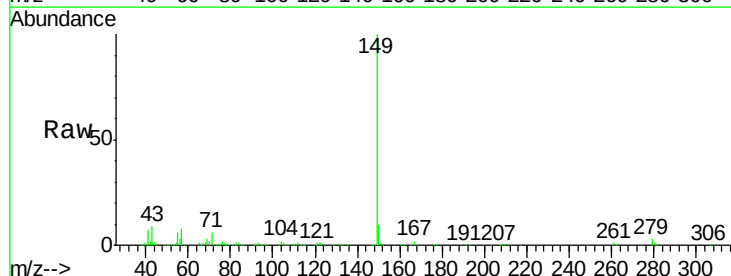
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-3.5MS

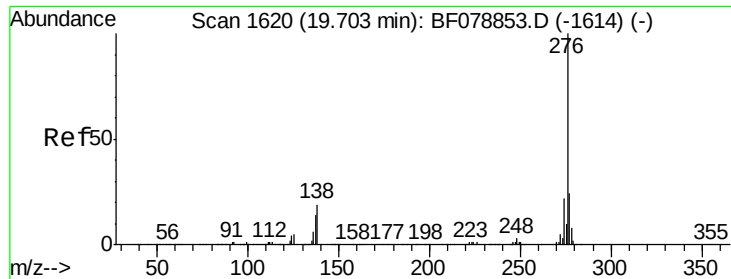
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	2.5	2.9	4.3#



#84
 Di-n-octyl phthalate
 Concen: 39.32 ng
 RT: 17.05 min Scan# 1388
 Delta R.T. 0.02 min
 Lab File: BF079071.D
 Acq: 9 May 2015 9:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	10.5	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.53 ng

RT: 19.44 min Scan# 1597

Delta R.T. 0.02 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

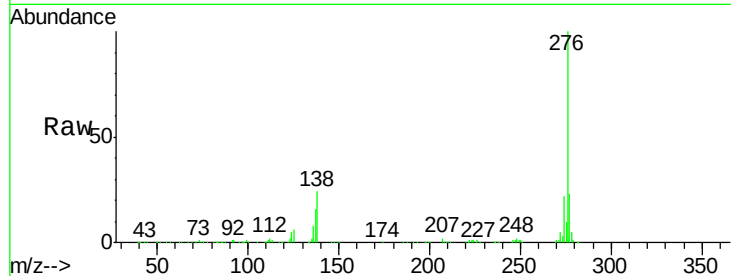
Tgt Ion: 276 Resp: 598161

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

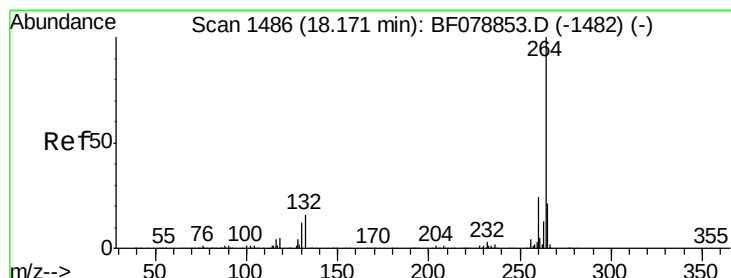
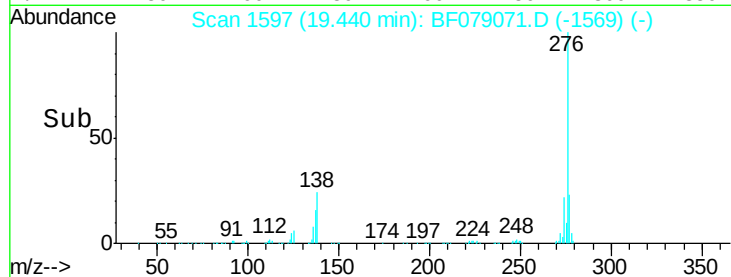
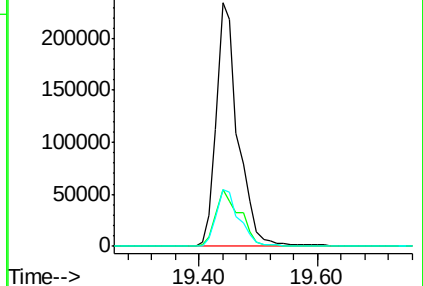
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.95 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

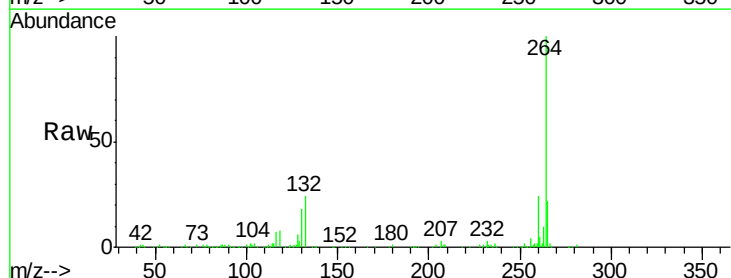
Tgt Ion: 264 Resp: 241927

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

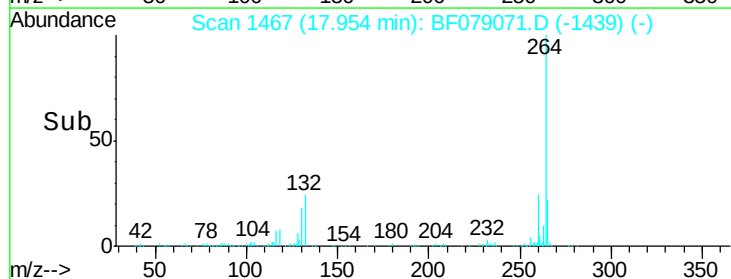
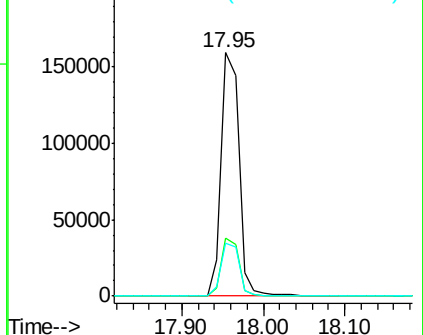
265 21.9 18.3 27.5

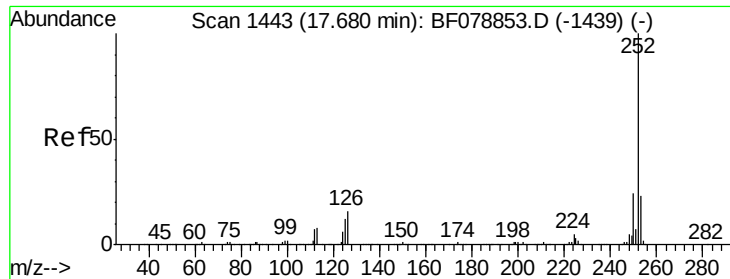


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

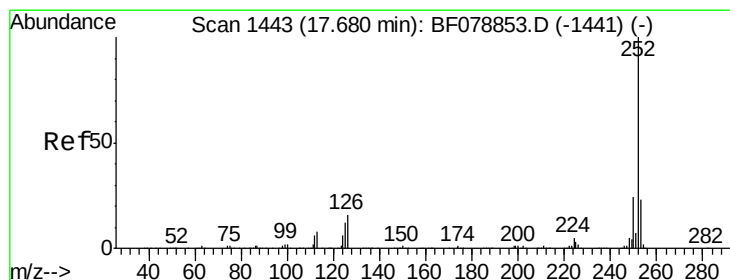
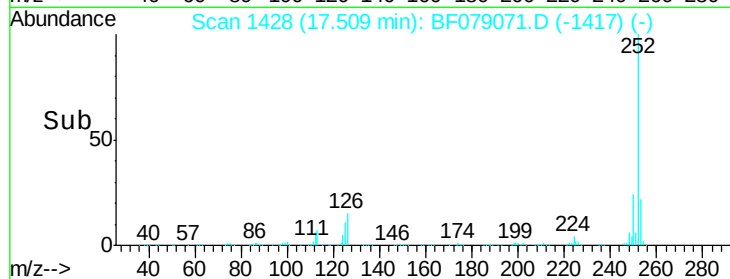
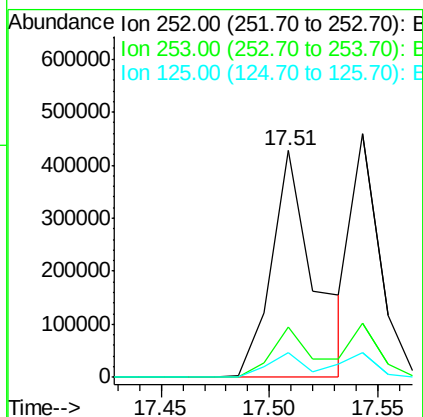
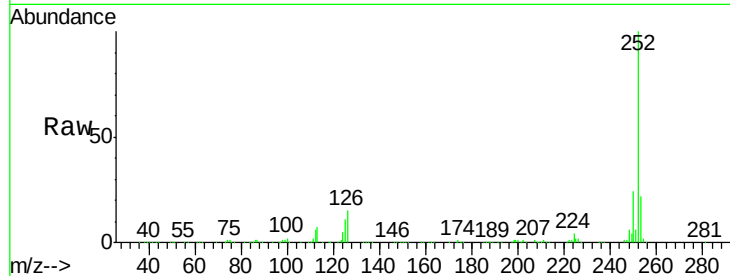




#87
Benzo(b)fluoranthene
Concen: 45.00 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

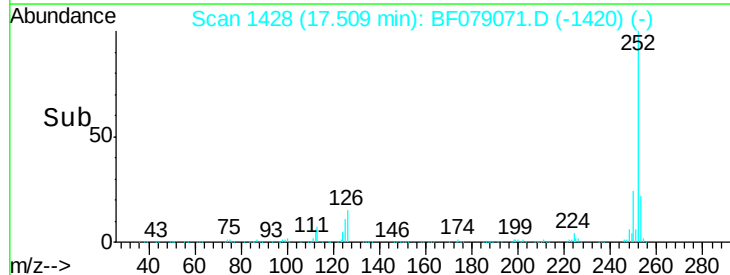
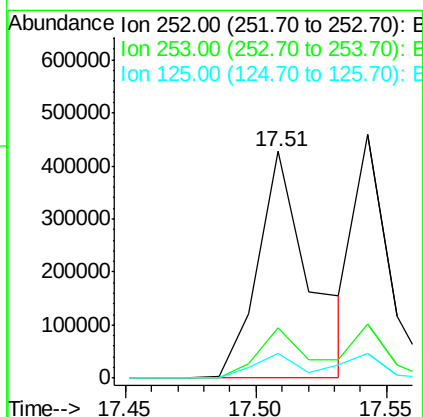
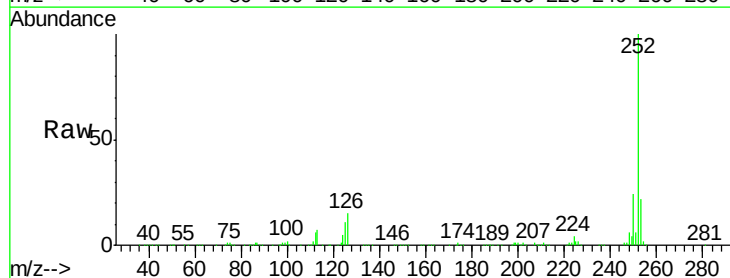
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-3.5MS

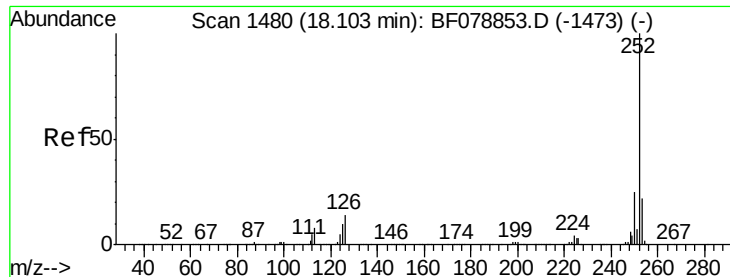
Tgt Ion:252 Resp: 595942
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.8 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 46.50 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF079071.D
Acq: 9 May 2015 9:01

Tgt Ion:252 Resp: 596058
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 10.0 15.0





#89

Benzo(a)pyrene

Concen: 40.08 ng

RT: 17.90 min Scan# 1462

Delta R.T. 0.03 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

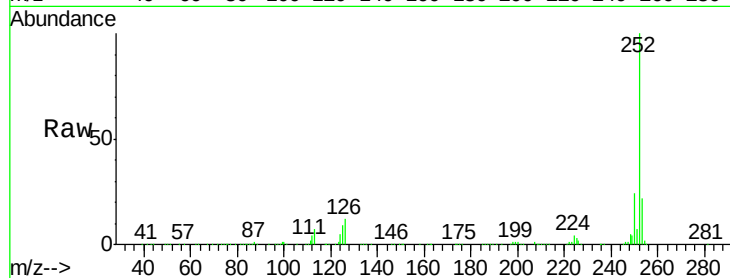
Tgt Ion:252 Resp: 488684

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

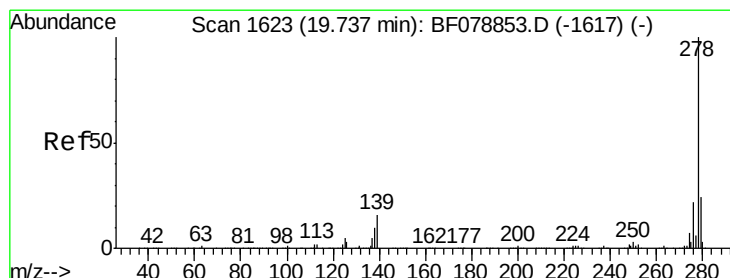
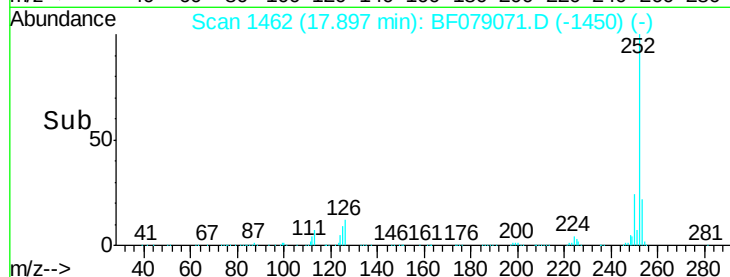
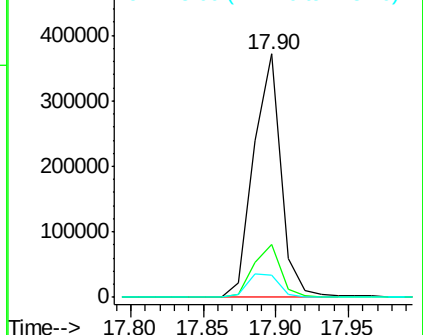
125 9.1 7.0 10.6



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: 37.20 ng

RT: 19.47 min Scan# 1600

Delta R.T. 0.03 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

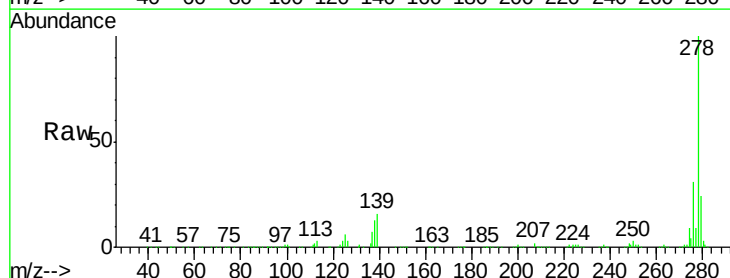
Tgt Ion:278 Resp: 482101

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

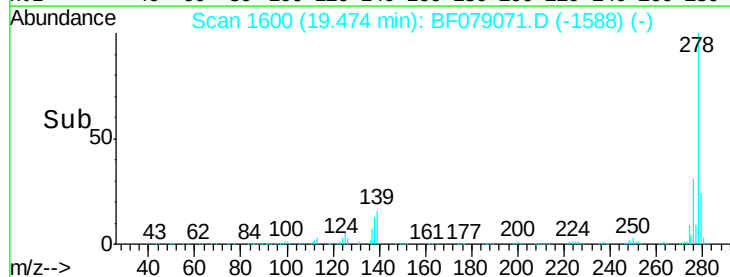
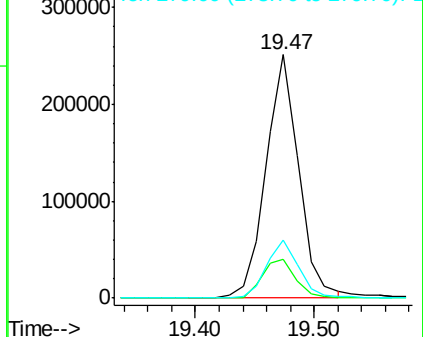
279 24.0 19.6 29.4

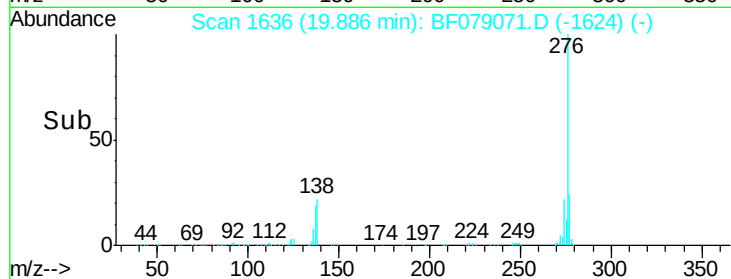
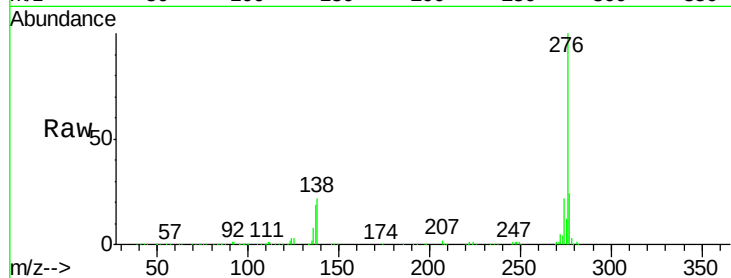
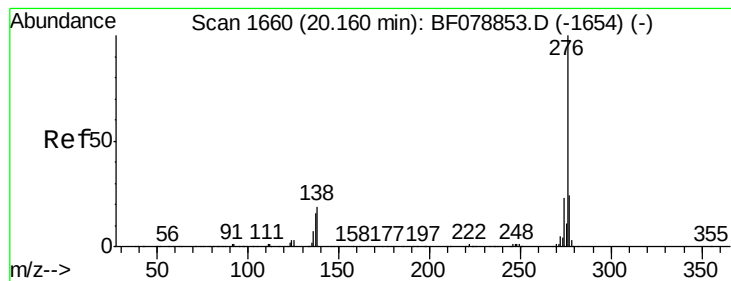


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.94 ng

RT: 19.89 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BF079071.D

Acq: 9 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-3.5MS

Tgt Ion: 276 Resp: 492758

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 22.0 17.4 26.0

