

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078939.D
 Acq On : 5 May 2015 13:58
 Operator : TP/IZ
 Sample : G2115-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

Quant Time: May 06 01:41:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	69479	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	287705	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	138016	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	273939	20.00	ng	0.00
75) Chrysene-d12	16.25	240	291260	20.00	ng	-0.02
86) Perylene-d12	18.01	264	302380	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	497929	123.36	ng	0.01
7) Phenol-d6	6.90	99	650535	121.93	ng	0.00
23) Nitrobenzene-d5	8.04	82	367609	73.43	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	191256	128.10	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	750712	75.78	ng	0.00
78) Terphenyl-d14	14.95	244	872800	71.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	50709	28.90	ng	# 32
3) Pyridine	3.11	79	142344	27.72	ng	99
4) n-Nitrosodimethylamine	3.02	42	74120m	33.68	ng	
6) Aniline	6.95	93	173322	23.01	ng	99
8) 2-Chlorophenol	7.08	128	169229	36.97	ng	99
9) Benzaldehyde	6.81	77	65924	18.34	ng	96
10) Phenol	6.92	94	255349	41.26	ng	94
11) bis(2-Chloroethyl)ether	7.04	93	161426	35.58	ng	98
12) 1,3-Dichlorobenzene	7.28	146	175832	34.17	ng	98
13) 1,4-Dichlorobenzene	7.38	146	182573	34.48	ng	98
14) 1,2-Dichlorobenzene	7.56	146	174842	35.47	ng	98
15) Benzyl Alcohol	7.53	79	146114	36.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	257011	37.02	ng	100
17) 2-Methylphenol	7.67	107	136769	37.13	ng	96
18) Hexachloroethane	7.98	117	63917	35.04	ng	# 77
19) n-Nitroso-di-n-propylamine	7.87	70	130682	36.26	ng	# 81
20) 3+4-Methylphenols	7.86	107	187691	38.24	ng	93
22) Acetophenone	7.86	105	259225	39.88	ng	98
24) Nitrobenzene	8.07	77	183573	37.00	ng	99
25) Isophorone	8.36	82	335829	36.19	ng	99
26) 2-Nitrophenol	8.47	139	74748	36.40	ng	96
27) 2,4-Dimethylphenol	8.51	122	156506	38.08	ng	99
28) bis(2-Chloroethoxy)methane	8.65	93	210239	36.75	ng	98
29) 2,4-Dichlorophenol	8.75	162	147543	40.37	ng	98
30) 1,2,4-Trichlorobenzene	8.87	180	145821	36.32	ng	98
31) Naphthalene	8.96	128	520585	37.97	ng	99
32) Benzoic acid	8.57	122	9944	9.67	ng	95
33) 4-Chloroaniline	9.03	127	154027	26.55	ng	99
34) Hexachlorobutadiene	9.12	225	78337	33.89	ng	99
35) Caprolactam	9.45	113	45834	38.79	ng	88
36) 4-Chloro-3-methylphenol	9.63	107	154620	40.28	ng	86
37) 2-Methylnaphthalene	9.82	142	355901	37.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	140952	36.26	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	137421	70.31	ng	98

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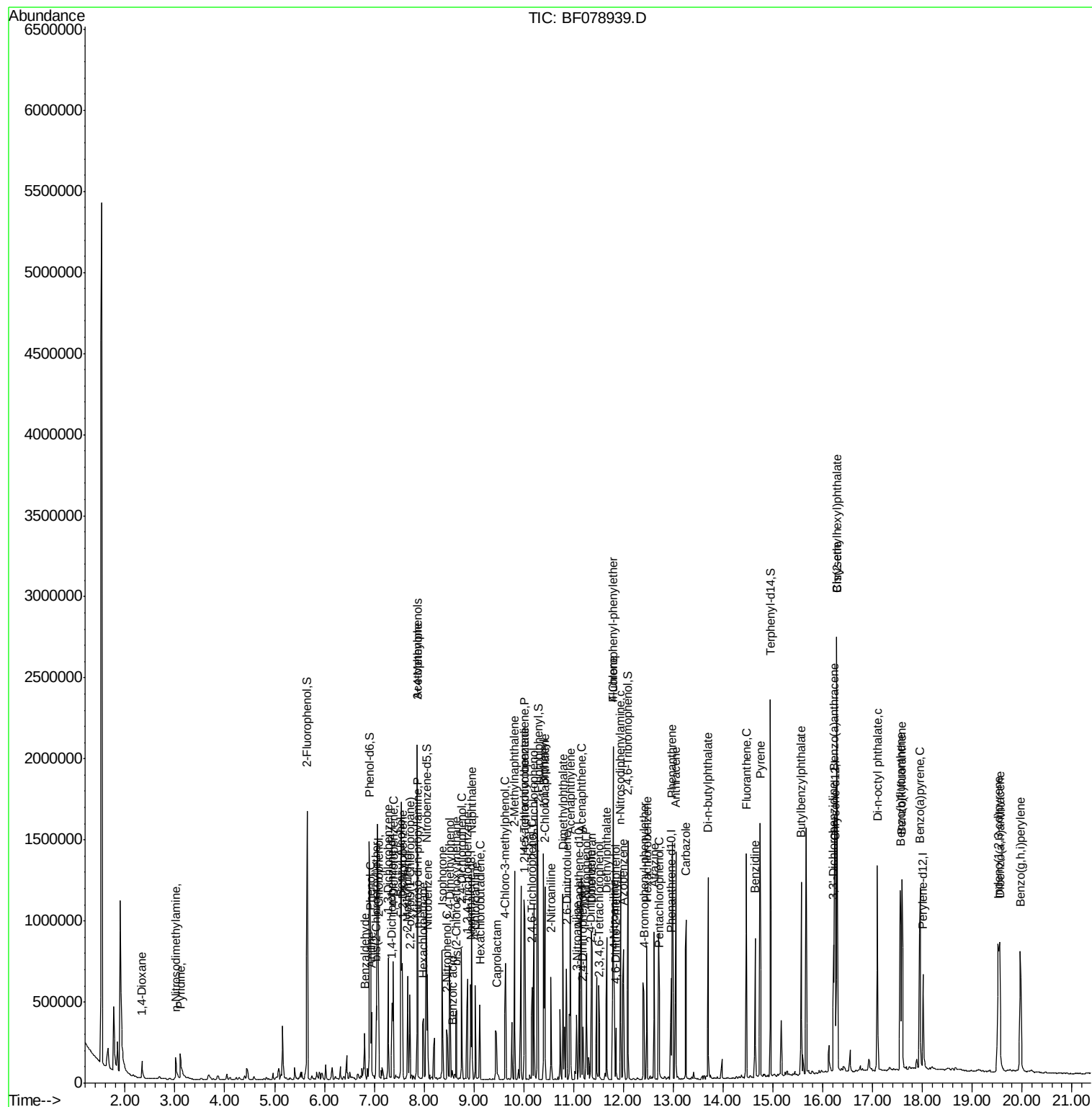
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	98658	36.92	nq	96
43) 2,4,5-Trichlorophenol	10.20	196	103394	38.27	nq	# 90
45) 1,1'-Biphenyl	10.40	154	418972	38.19	nq	99
46) 2-Chloronaphthalene	10.42	162	329347	38.48	nq	97
47) 2-Nitroaniline	10.55	65	98100	39.56	nq	94
48) Acenaphthylene	10.94	152	541618	38.54	nq	100
49) Dimethylphthalate	10.79	163	471051	46.50	nq	100
50) 2,6-Dinitrotoluene	10.86	165	77576	38.81	nq	93
51) Acenaphthene	11.15	154	312031	37.24	nq	100
52) 3-Nitroaniline	11.06	138	84438	33.81	nq	# 95
53) 2,4-Dinitrophenol	11.19	184	32939	51.60	nq	92
54) Dibenzofuran	11.37	168	470340	38.86	nq	96
55) 4-Nitrophenol	11.26	139	145764	73.75	nq	# 73
56) 2,4-Dinitrotoluene	11.35	165	100896	38.18	nq	93
57) Fluorene	11.79	166	386842	38.94	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	84530	38.29	nq	# 100
59) Diethylphthalate	11.67	149	391467	39.01	nq	99
60) 4-Chlorophenyl-phenylether	11.79	204	166799	37.85	nq	# 82
61) 4-Nitroaniline	11.82	138	97580	39.06	nq	93
62) Azobenzene	12.00	77	490181	49.57	nq	90
64) 4,6-Dinitro-2-methylphenol	11.85	198	33871	33.79	nq	97
65) n-Nitrosodiphenylamine	11.94	169	328860	36.05	nq	98
66) 4-Bromophenyl-phenylether	12.41	248	104374	36.55	nq	# 89
67) Hexachlorobenzene	12.47	284	118348	36.26	nq	# 87
68) Atrazine	12.62	200	106625	40.19	nq	97
69) Pentachlorophenol	12.72	266	120986	64.79	nq	98
70) Phenanthrene	12.98	178	605160	39.49	nq	99
71) Anthracene	13.05	178	577037	38.38	nq	99
72) Carbazole	13.26	167	564505	39.39	nq	99
73) Di-n-butylphthalate	13.70	149	658127	38.30	nq	98
74) Fluoranthene	14.47	202	714050	44.71	nq	94
76) Benzidine	14.64	184	321609	40.97	nq	99
77) Pyrene	14.74	202	732352	43.63	nq	98
79) Butylbenzylphthalate	15.57	149	291003	39.66	nq	97
80) Benzo(a)anthracene	16.24	228	636769	39.92	nq	100
81) 3,3'-Dichlorobenzidine	16.22	252	195856	34.47	nq	# 98
82) Chrysene	16.29	228	591638	38.57	nq	99
83) Bis(2-ethylhexyl)phthalate	16.29	149	443135	39.88	nq	# 95
84) Di-n-octyl phthalate	17.10	149	745014	38.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.52	276	749664	38.35	nq	# 100
87) Benzo(b)fluoranthene	17.55	252	682606	41.24	nq	99
88) Benzo(k)fluoranthene	17.59	252	562807	35.13	nq	100
89) Benzo(a)pyrene	17.95	252	621850	40.80	nq	99
90) Dibenzo(a,h)anthracene	19.55	278	580889	35.86	nq	100
91) Benzo(g,h,i)perylene	19.97	276	621293	38.27	nq	99

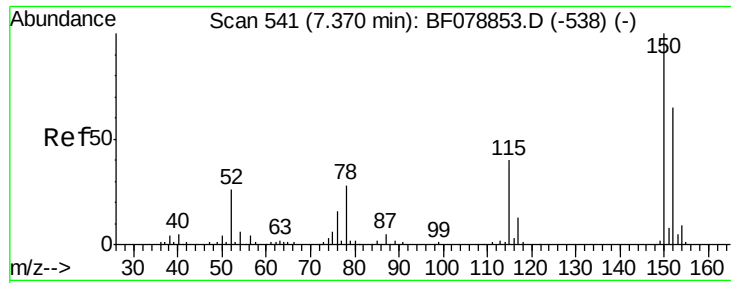
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

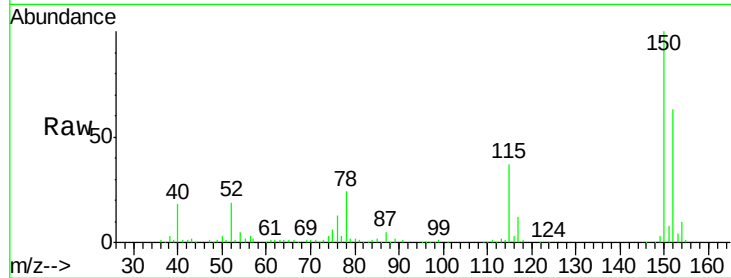
Tot Ion:152 Resp: 69479

Ion Ratio Lower Upper

152 100

150 159.9 122.0 183.0

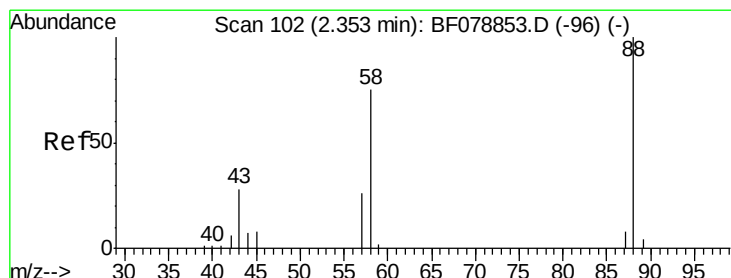
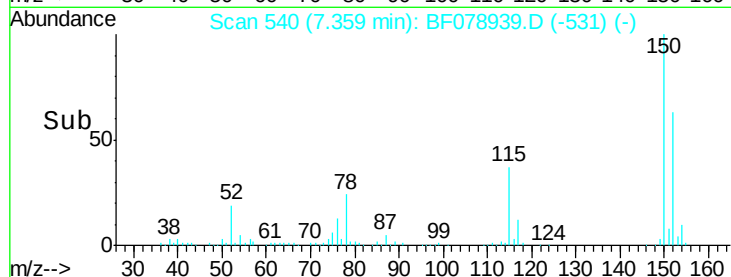
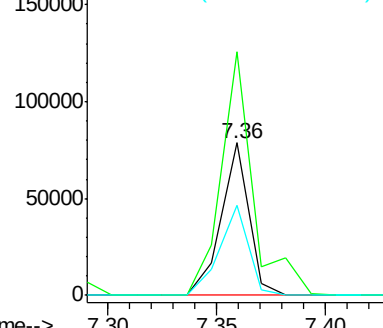
115 59.5 46.3 69.5



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: 28.90 ng

RT: 2.34 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

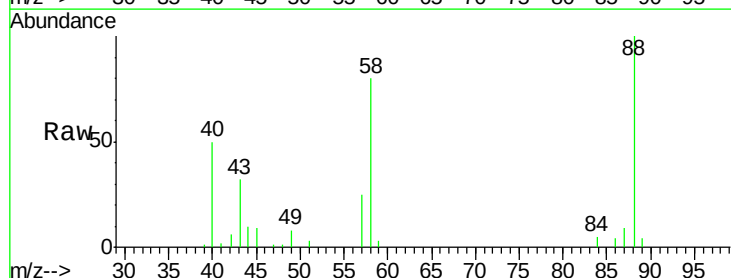
Tgt Ion: 88 Resp: 50709

Ion Ratio Lower Upper

88 100

58 80.2 0.0 0.0#

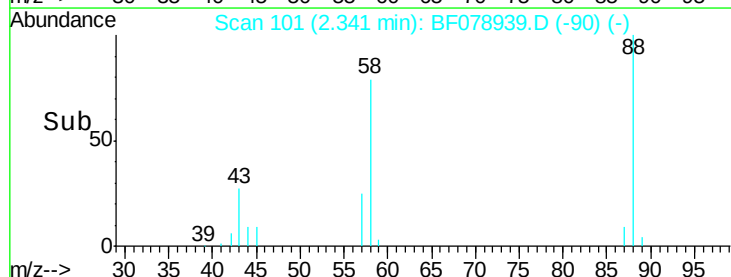
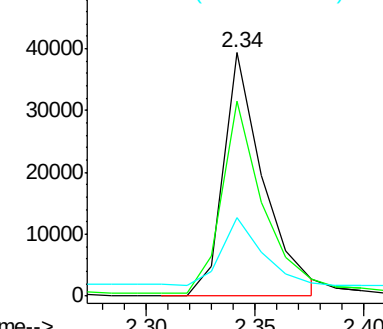
43 26.6 3.3 4.9#

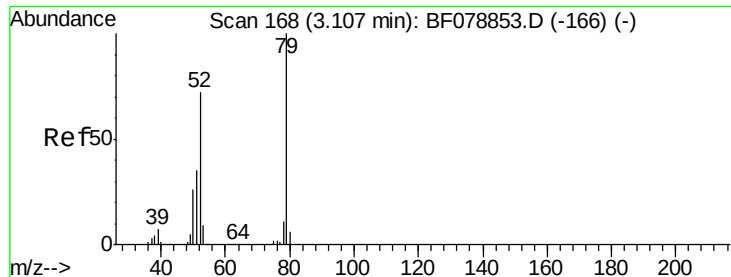


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.72 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

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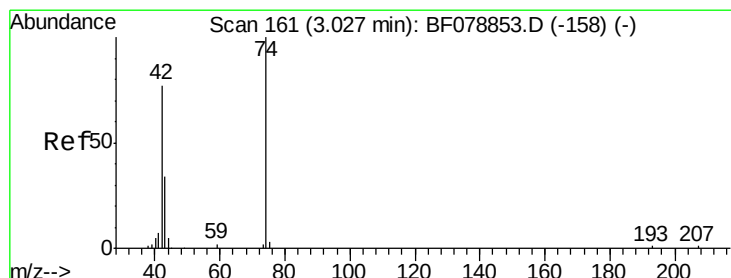
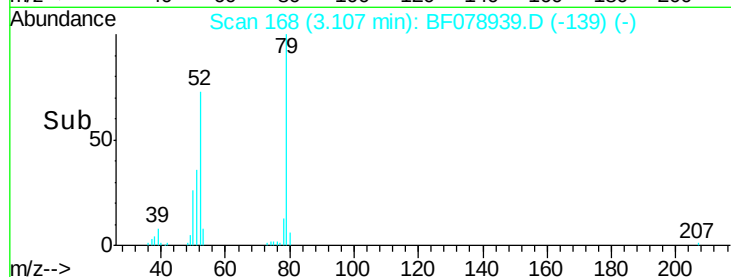
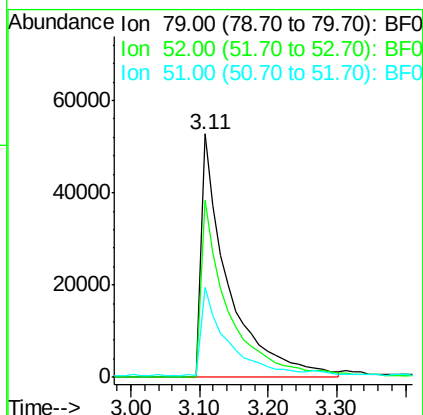
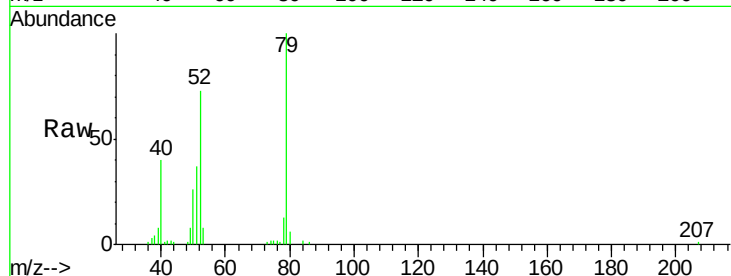
Tot Ion: 79 Resp: 142344

Ion Ratio Lower Upper

79 100

52 72.7 57.2 85.8

51 36.8 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 33.68 ng m

RT: 3.02 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

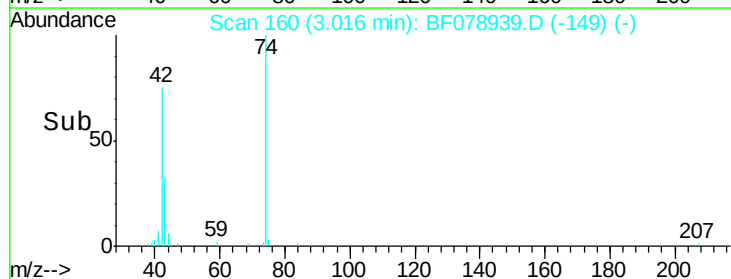
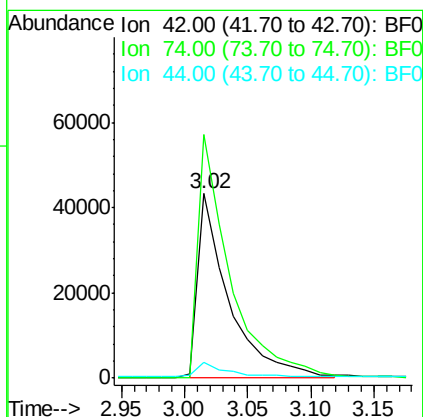
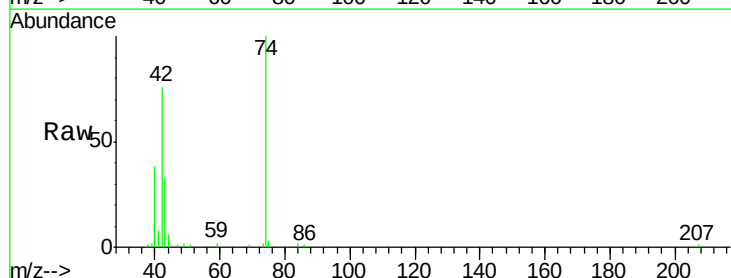
Tgt Ion: 42 Resp: 74120

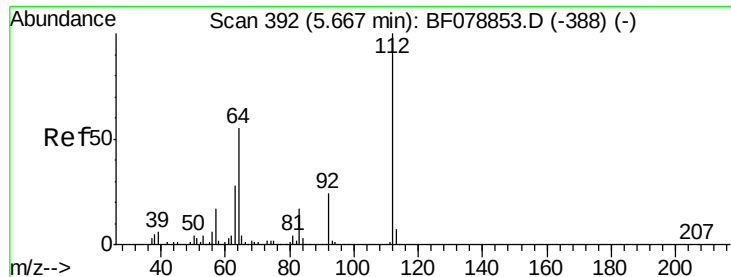
Ion Ratio Lower Upper

42 100

74 132.0 96.5 144.7

44 8.5 6.1 9.1





#5

2-Fluorophenol

Concen: 123.36 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

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ClientSampleId :

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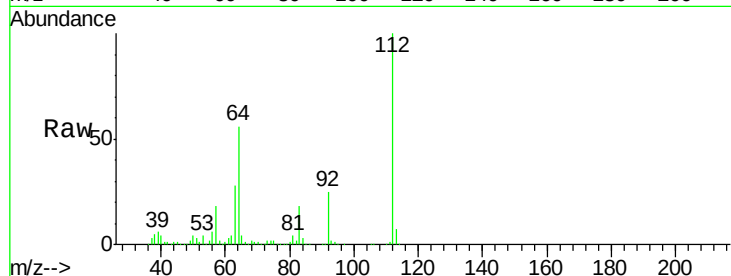
Tot Ion:112 Resp: 497929

Ion Ratio Lower Upper

112 100

64 56.3 53.5 80.3

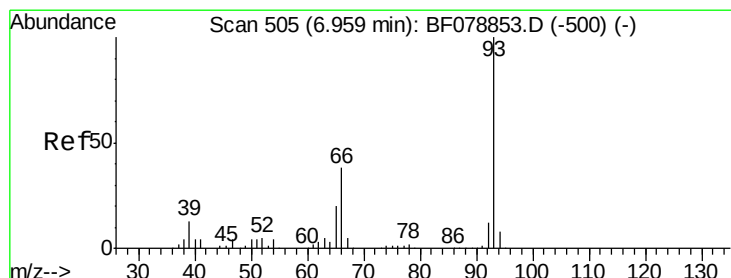
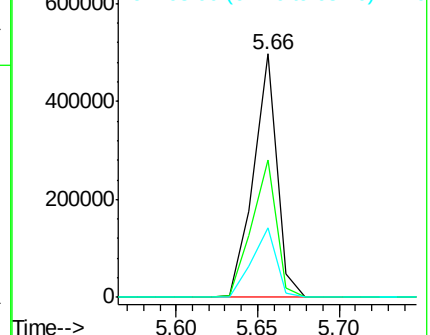
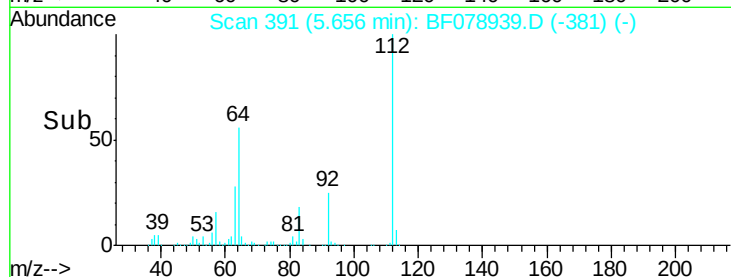
63 28.3 27.5 41.3



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: 23.01 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

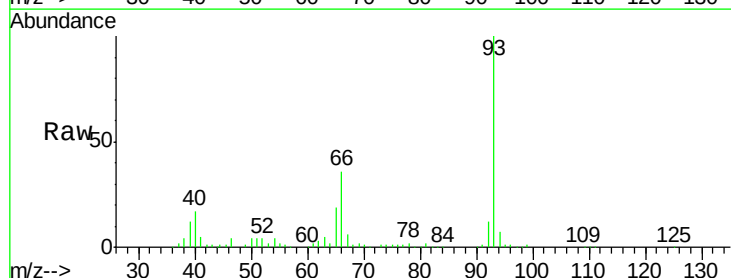
Tgt Ion: 93 Resp: 173322

Ion Ratio Lower Upper

93 100

66 36.4 29.7 44.5

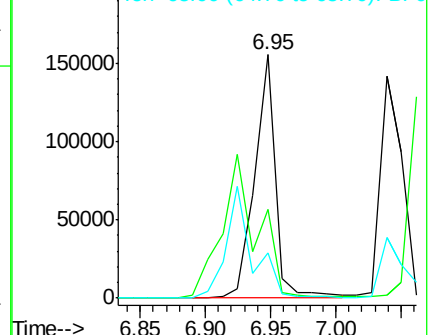
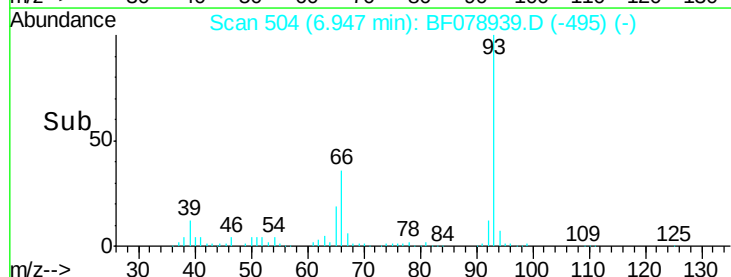
65 18.7 14.6 22.0

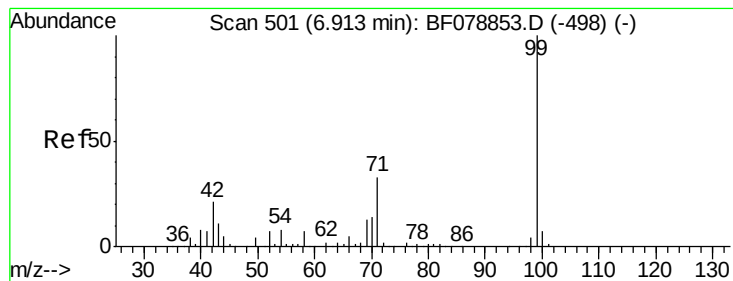


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.93 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078939.D

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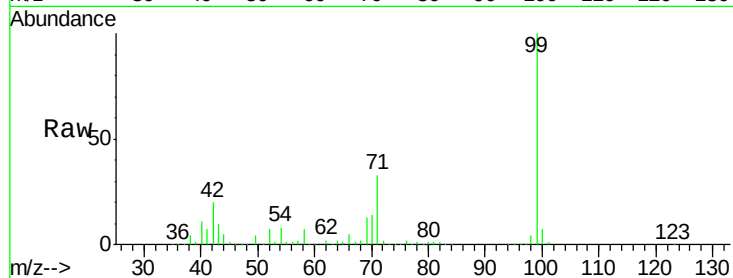
Tot Ion: 99 Resp: 650535

Ion Ratio Lower Upper

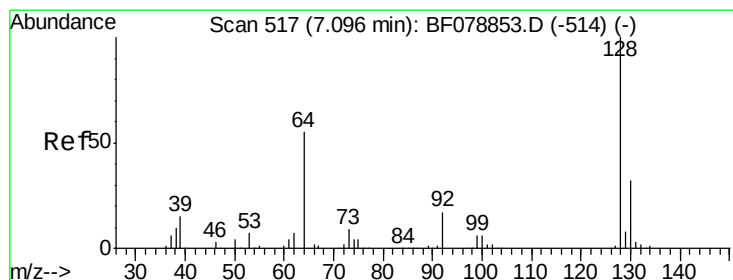
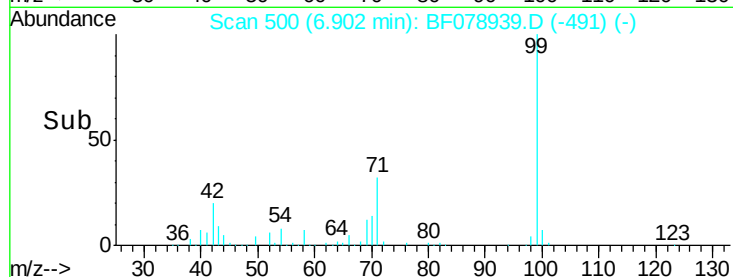
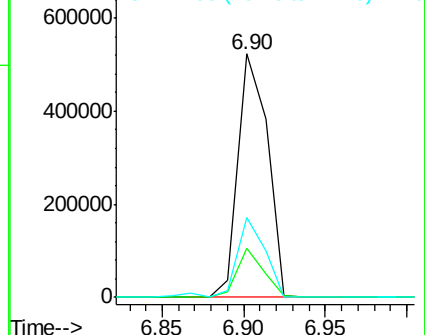
99 100

42 20.1 12.8 19.2#

71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.97 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

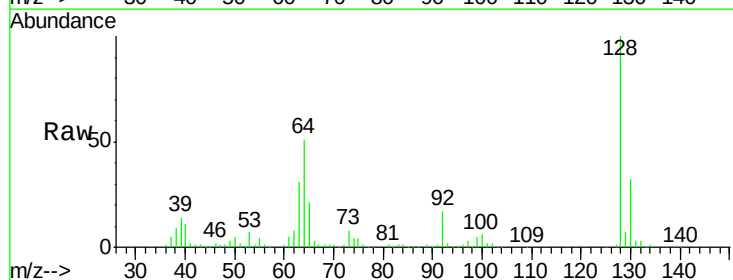
Tgt Ion: 128 Resp: 169229

Ion Ratio Lower Upper

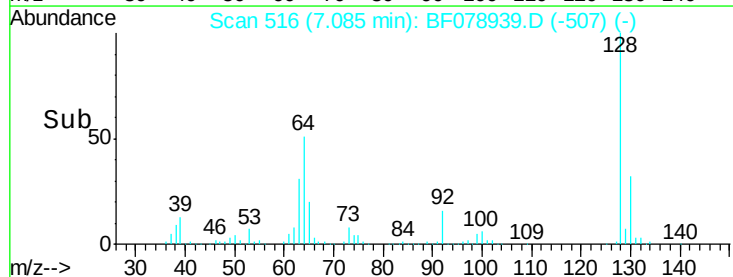
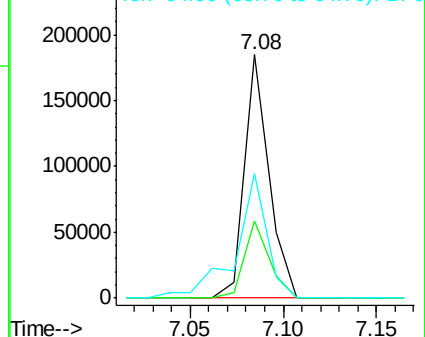
128 100

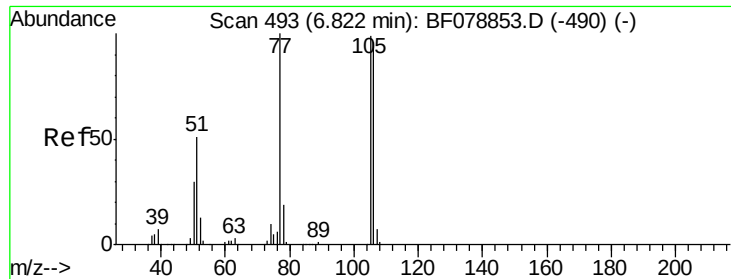
130 31.9 12.1 52.1

64 51.2 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.34 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.00 min

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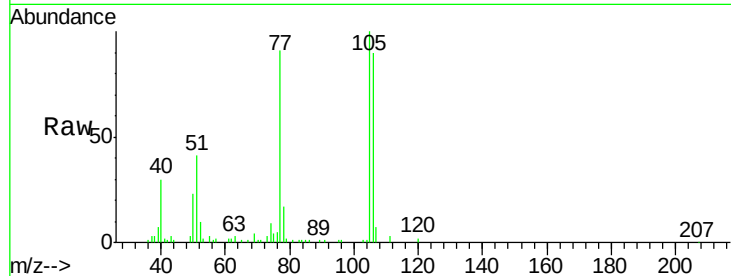
Tot Ion: 77 Resp: 65924

Ion Ratio Lower Upper

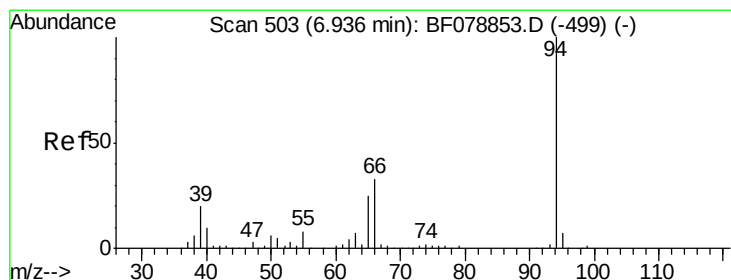
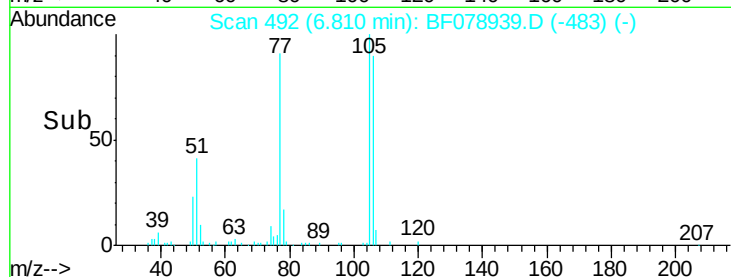
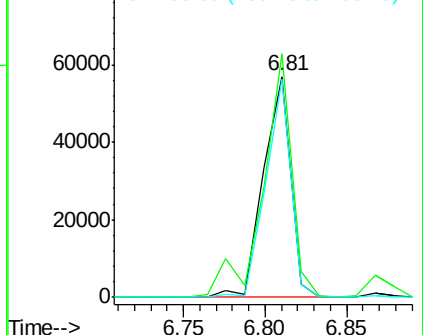
77 100

105 110.1 81.7 121.7

106 98.9 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.26 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

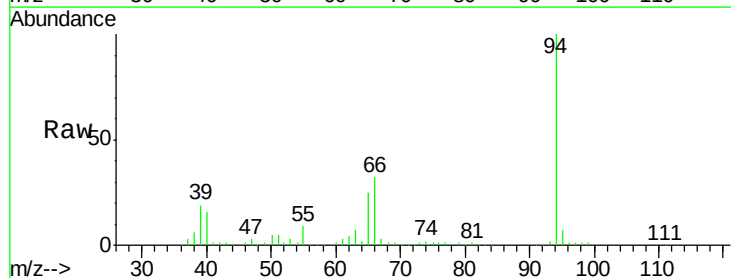
Tgt Ion: 94 Resp: 255349

Ion Ratio Lower Upper

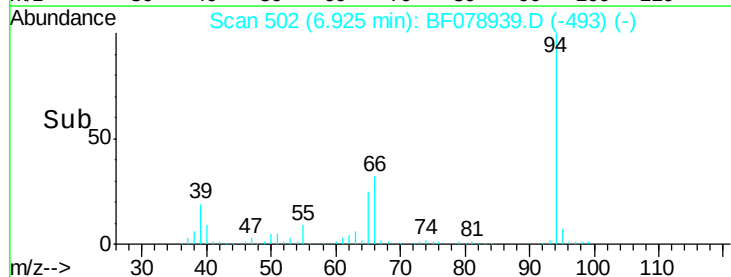
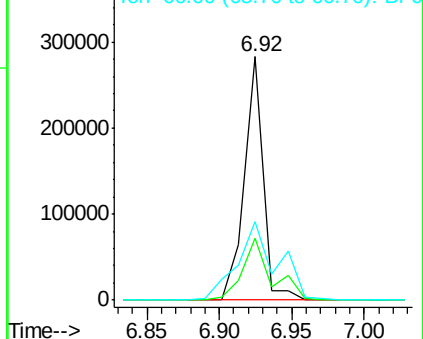
94 100

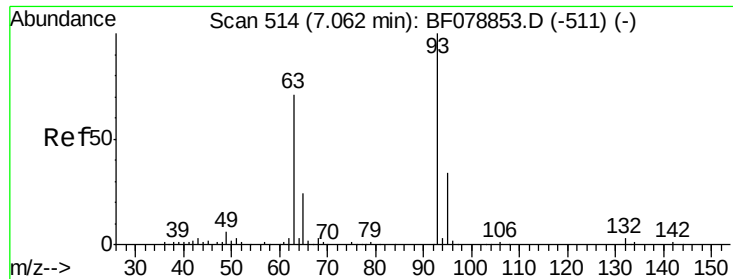
65 25.2 8.5 48.5

66 32.5 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: 35.58 ng

RT: 7.04 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

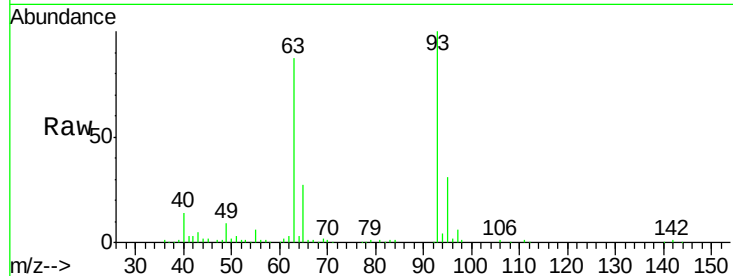
Tot Ion: 93 Resp: 161426

Ion Ratio Lower Upper

93 100

63 86.8 64.8 104.8

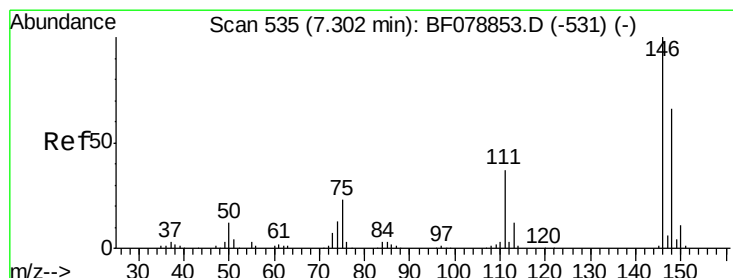
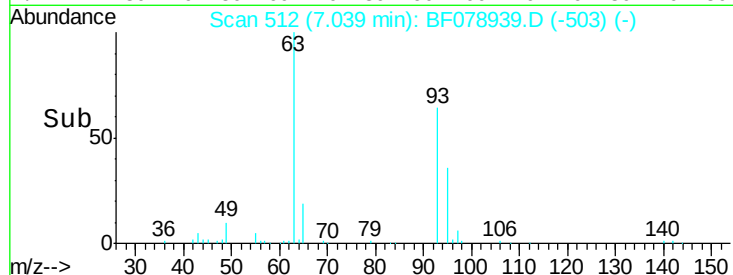
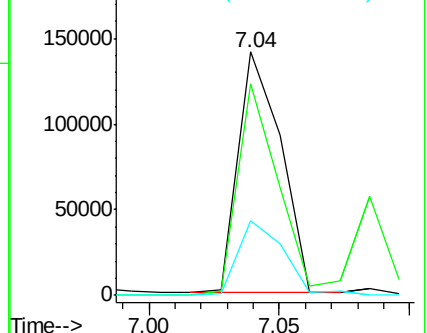
95 30.6 12.4 52.4



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: 34.17 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

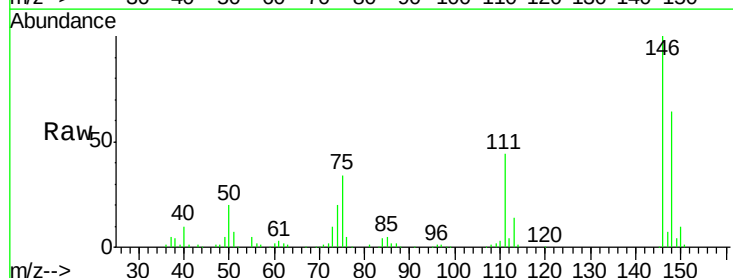
Tgt Ion: 146 Resp: 175832

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

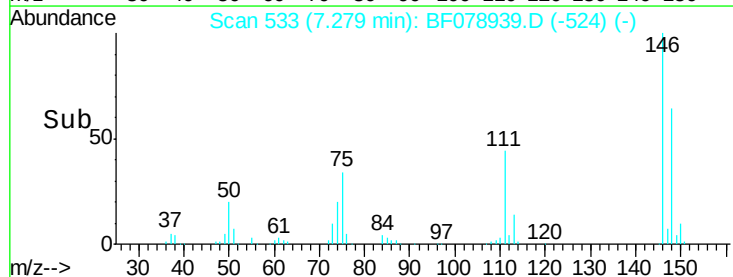
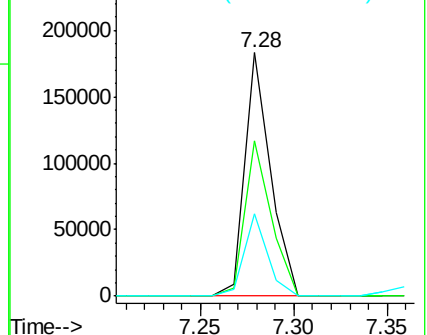
75 33.9 29.2 43.8

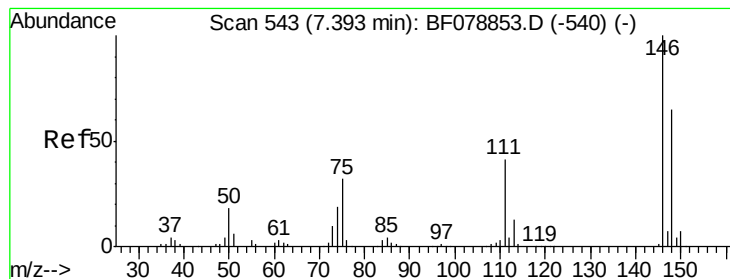


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

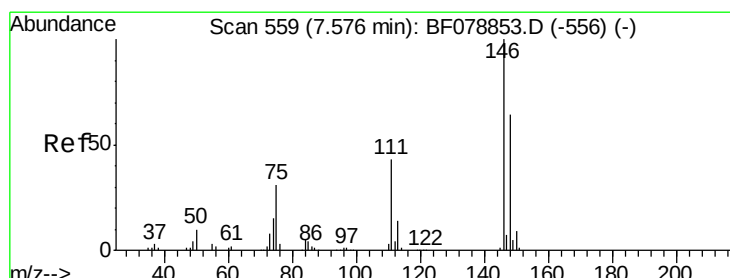
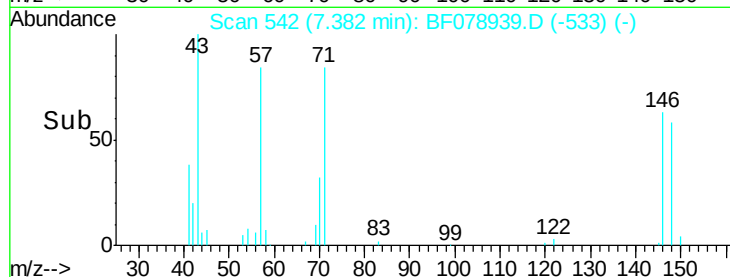
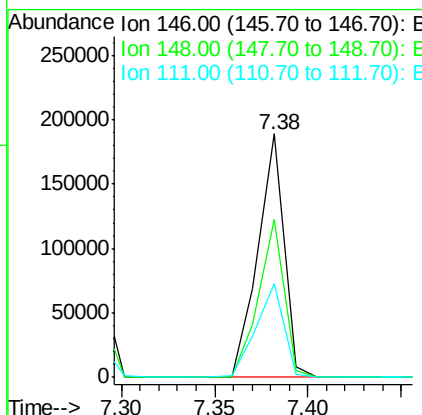
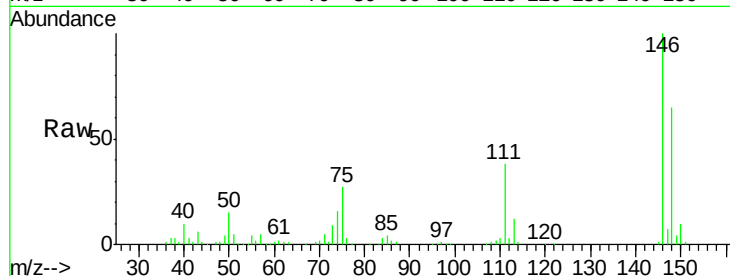




#13
 1,4-Dichlorobenzene
 Concen: 34.48 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

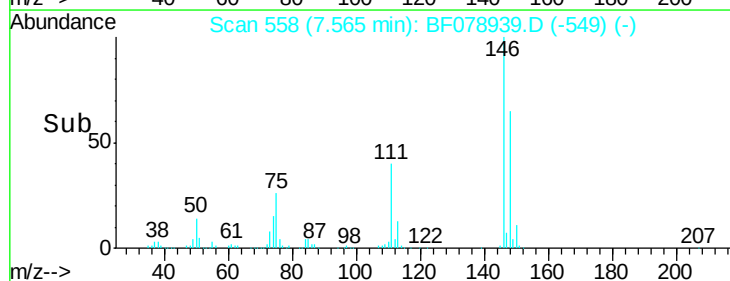
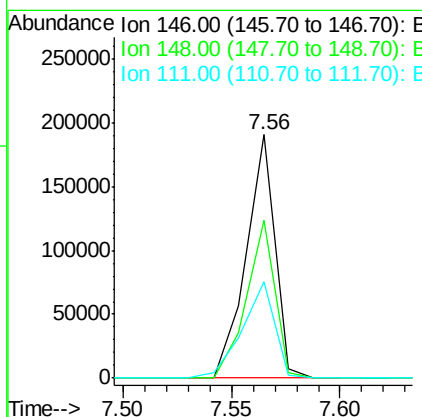
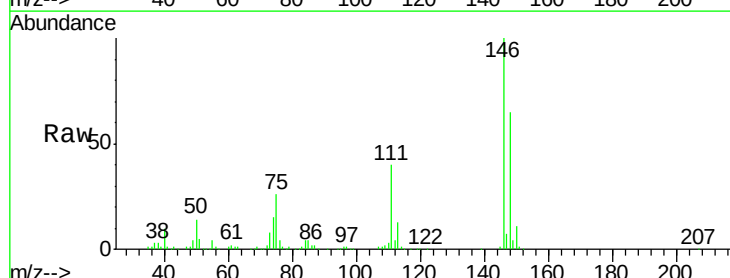
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

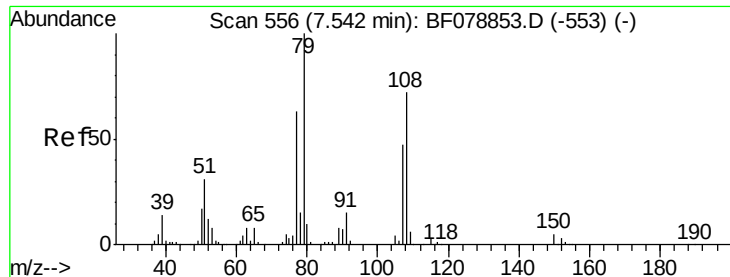
Tot Ion:146 Resp: 182573
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.8 79.2
 111 38.4 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 35.47 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:146 Resp: 174842
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.2 76.8
 111 39.8 33.3 49.9





#15

Benzyl Alcohol

Concen: 36.89 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

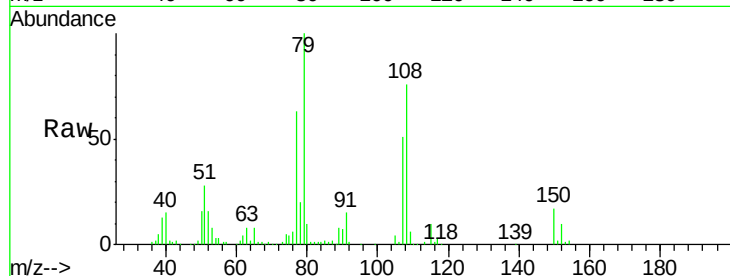
Tot Ion: 79 Resp: 146114

Ion Ratio Lower Upper

79 100

108 76.0 62.5 93.7

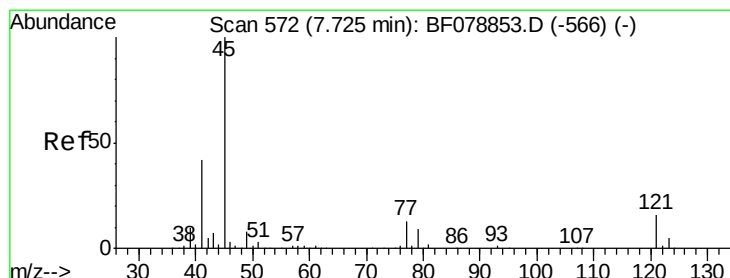
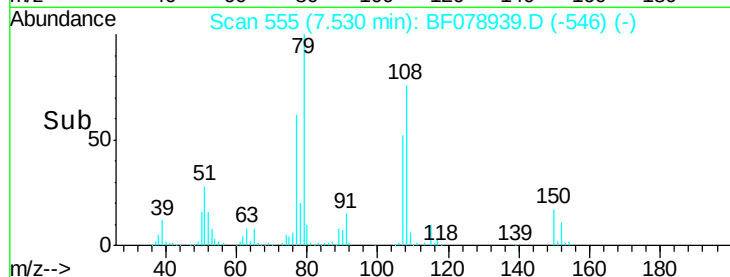
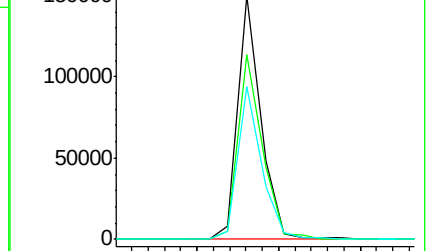
77 62.6 52.2 78.4



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: 37.02 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

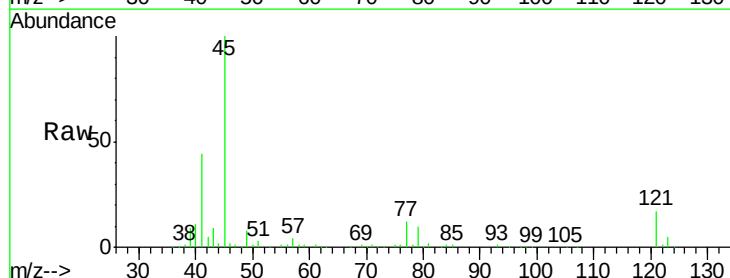
Tgt Ion: 45 Resp: 257011

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.3

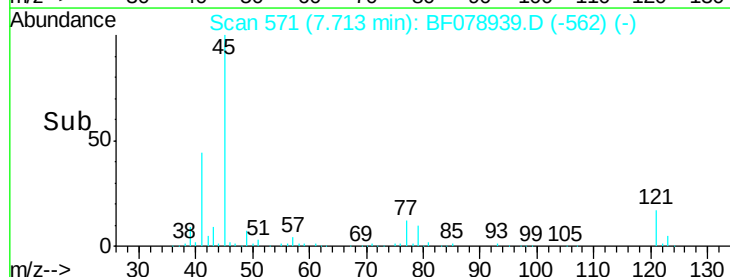
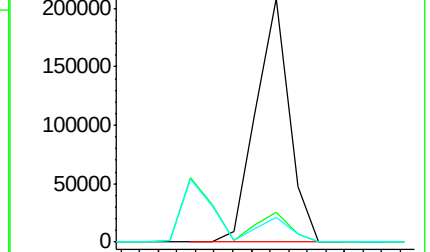
79 10.1 0.0 30.1

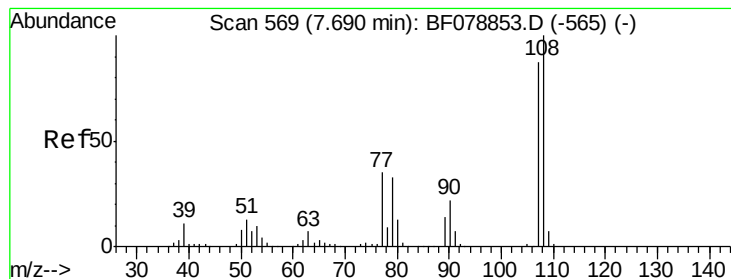


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

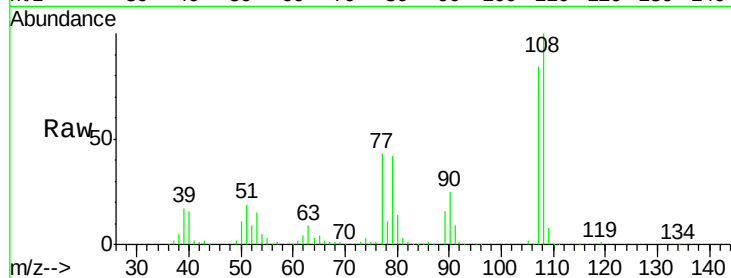




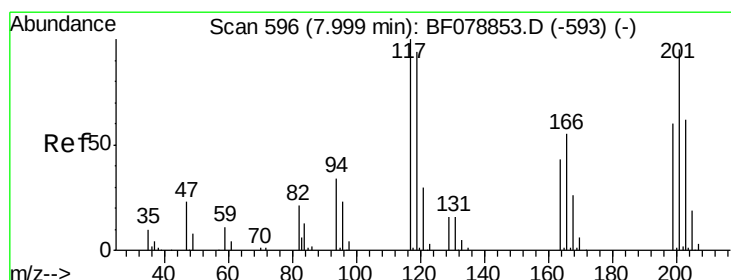
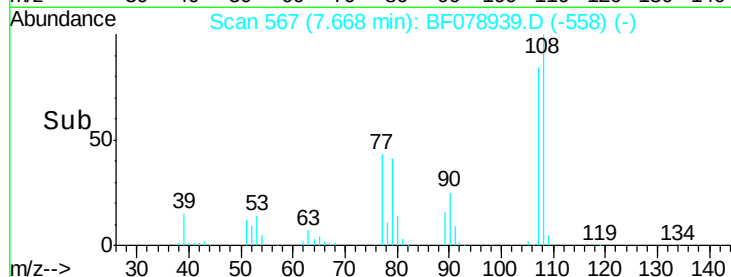
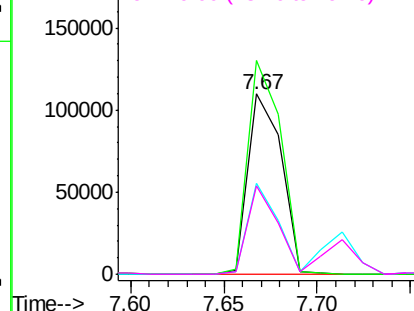
#17
2-Methylphenol
Concen: 37.13 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion:	107	Resp:	136769
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.9	142.3
77	50.7	36.2	54.4
79	49.2	35.2	52.8

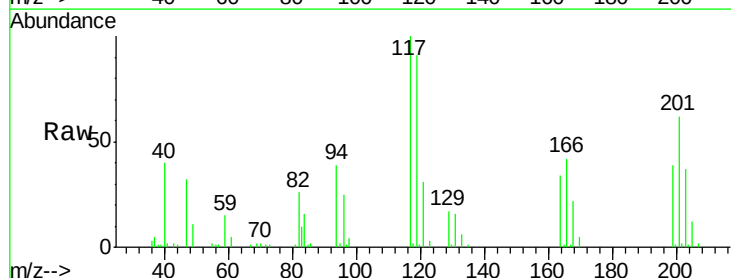


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

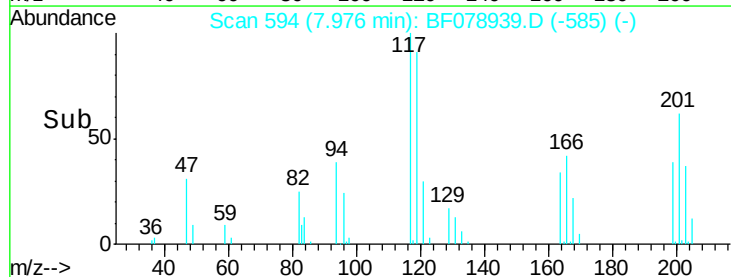
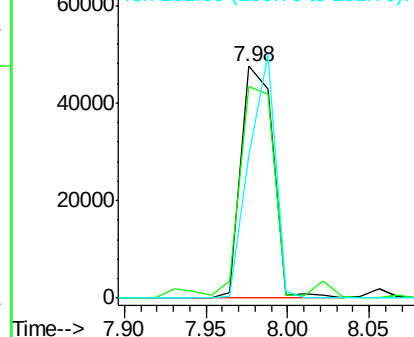


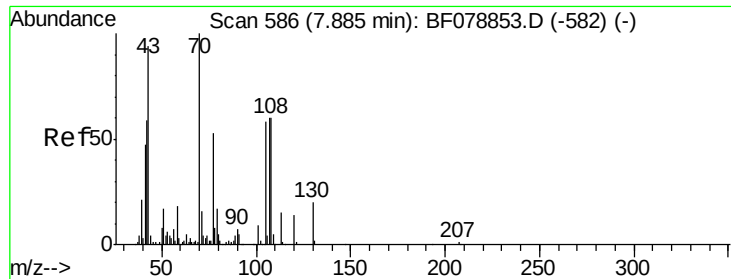
#18
Hexachloroethane
Concen: 35.04 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:	117	Resp:	63917
Ion	Ratio	Lower	Upper
117	100		
119	91.2	75.4	113.0
201	61.6	83.2	124.8#



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

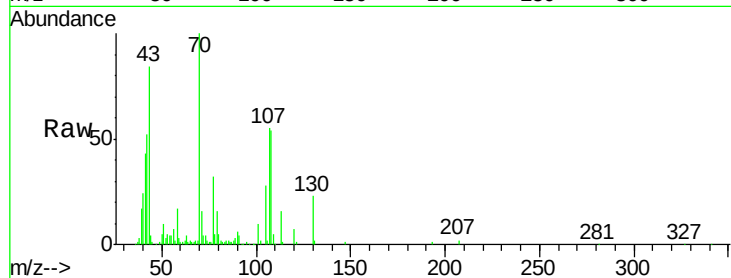




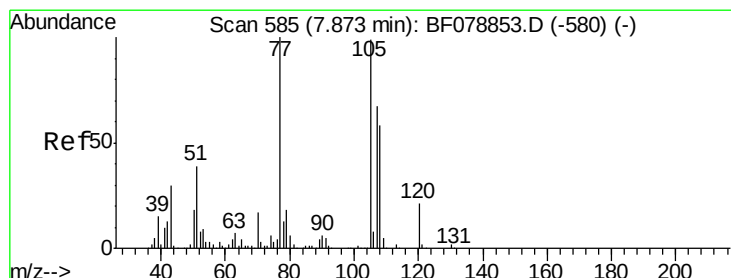
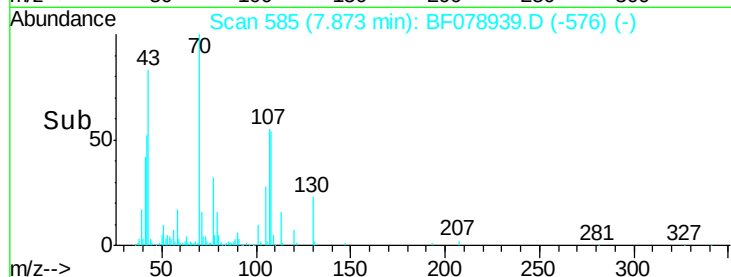
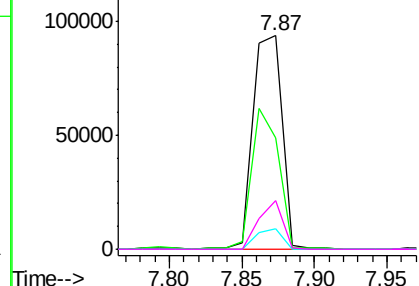
#19
n-Nitroso-di-n-propylamine
Concen: 36.26 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion: 70 Resp: 130682
Ion Ratio Lower Upper
70 100
42 52.3 55.4 83.0#
101 9.8 6.6 10.0
130 23.0 11.9 17.9#



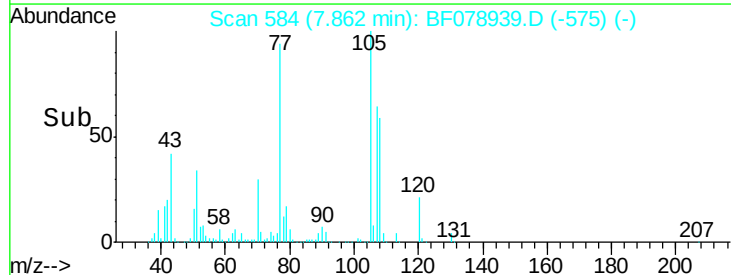
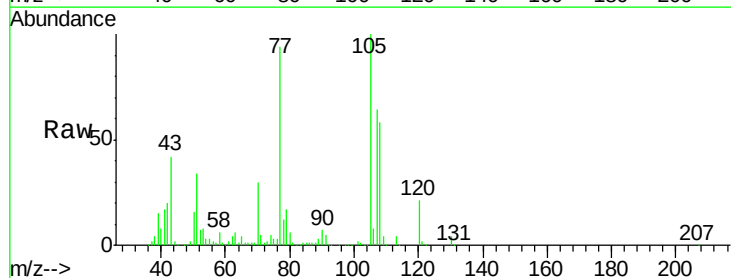
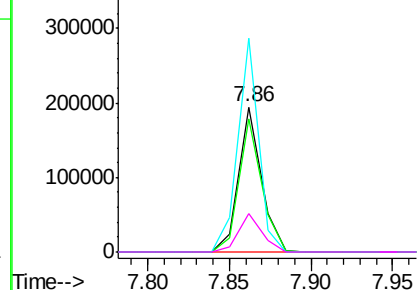
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

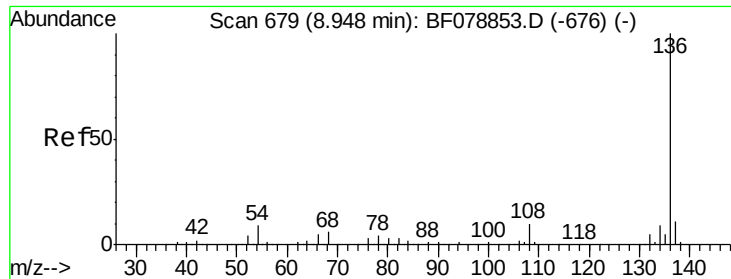


#20
3+4-Methylphenols
Concen: 38.24 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion: 107 Resp: 187691
Ion Ratio Lower Upper
107 100
108 91.5 76.9 116.9
77 147.2 136.8 176.8
79 26.9 9.7 49.7

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

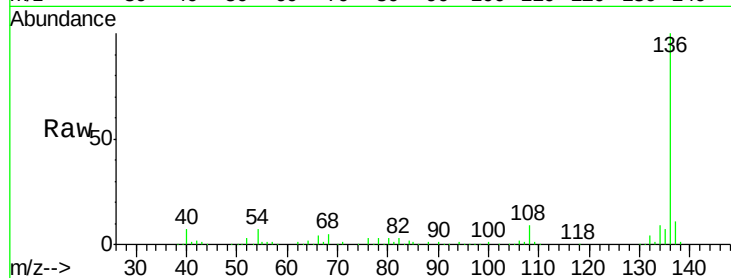




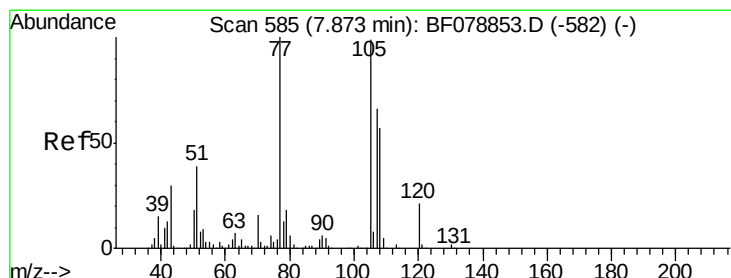
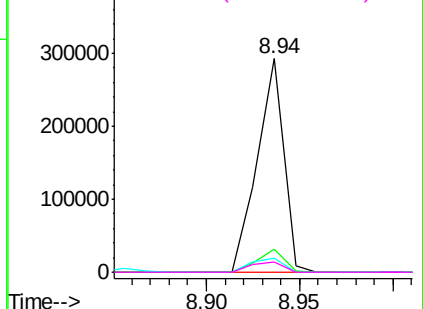
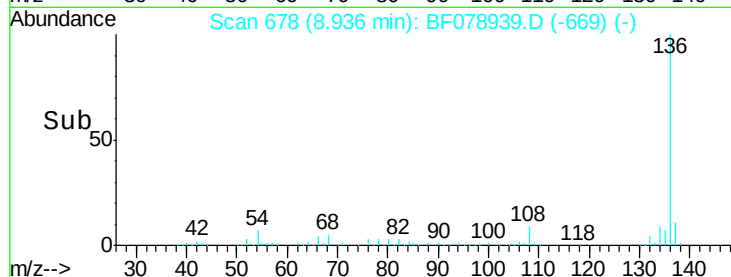
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion:136	Resp:	287705
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.6	5.8 8.8
68	4.9	4.2 6.4

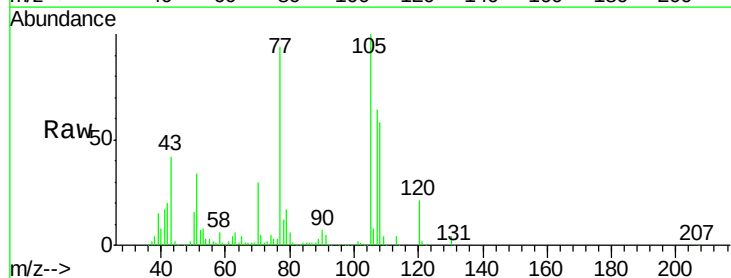


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

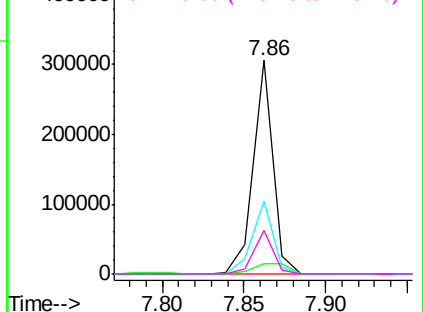
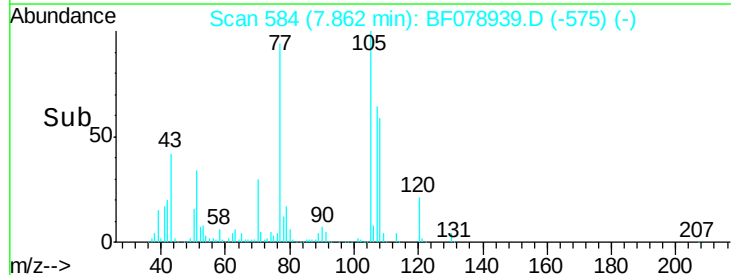


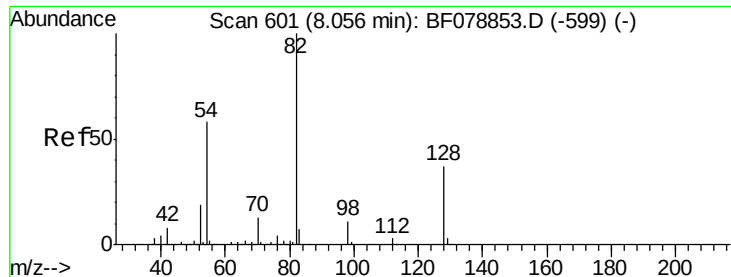
#22
Acetophenone
Concen: 39.88 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:105	Resp:	259225
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.6 6.8
51	34.1	26.7 40.1
120	20.5	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

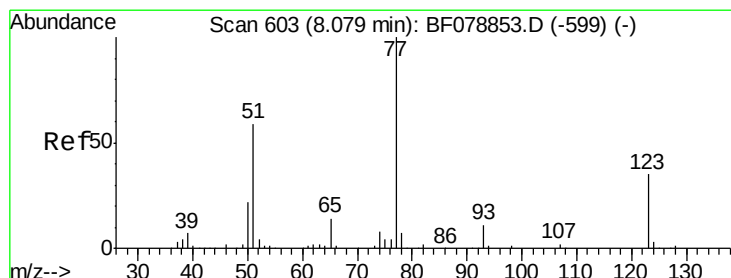
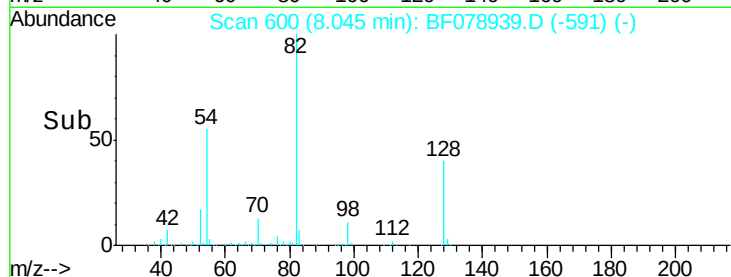
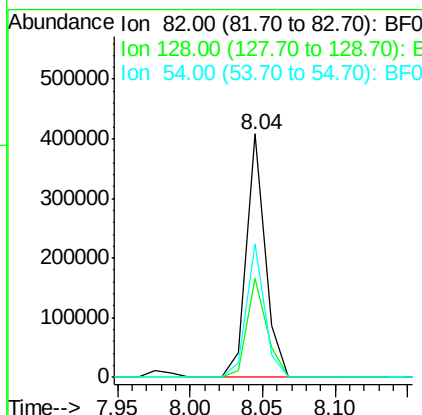
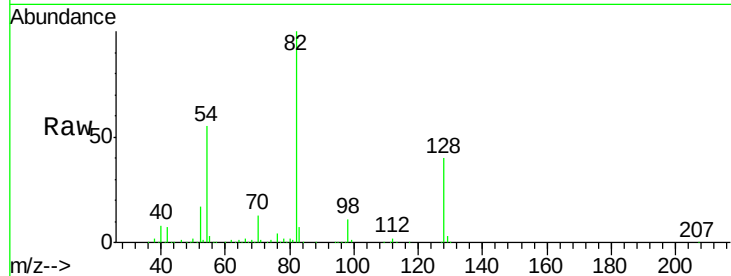




#23
 Nitrobenzene-d5
 Concen: 73.43 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

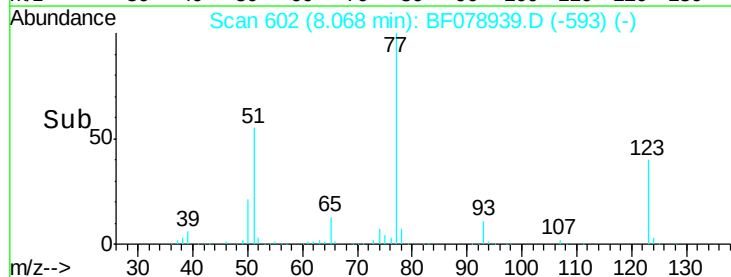
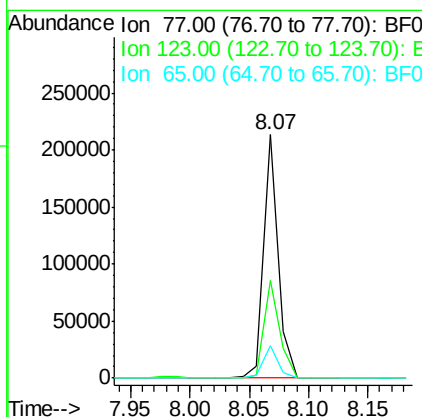
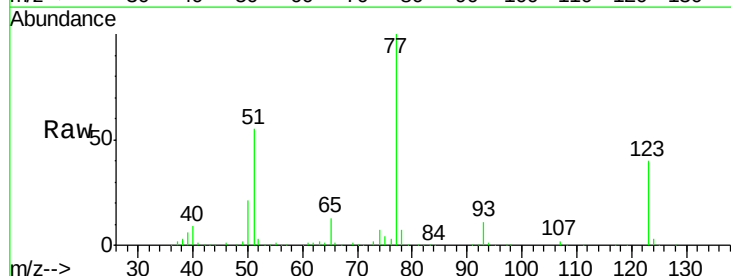
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

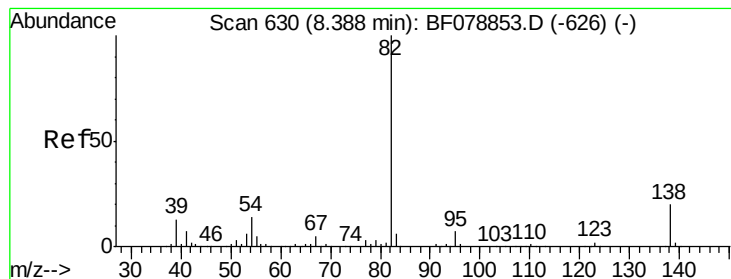
Tot Ion	82	Resp	367609
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.0	45.0
54	54.7	46.4	69.6



#24
 Nitrobenzene
 Concen: 37.00 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion	77	Resp	183573
Ion Ratio	Lower	Upper	
77	100		
123	40.3	31.8	47.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 36.19 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

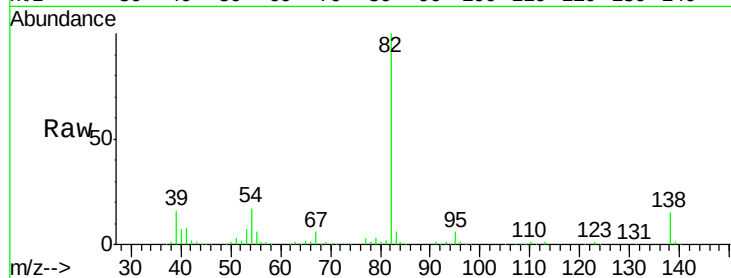
Tot Ion: 82 Resp: 335829

Ion Ratio Lower Upper

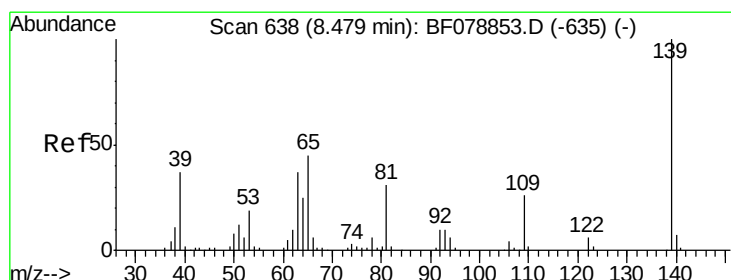
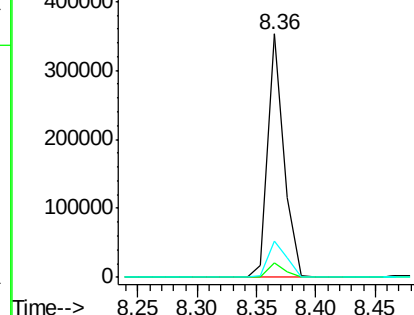
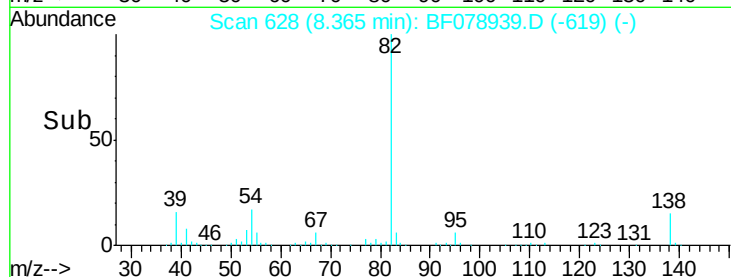
82 100

95 6.1 5.3 7.9

138 15.0 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: 36.40 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

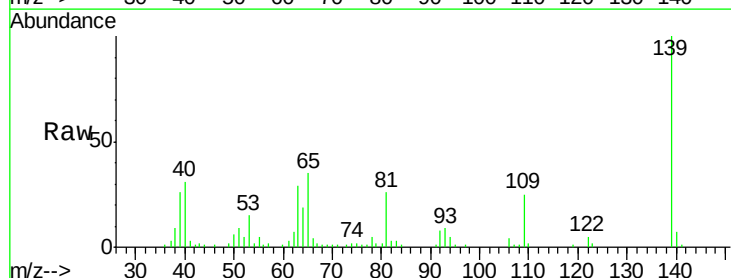
Tgt Ion:139 Resp: 74748

Ion Ratio Lower Upper

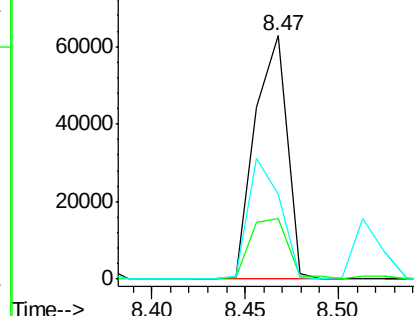
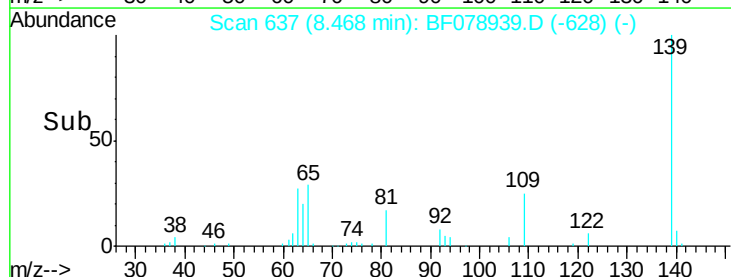
139 100

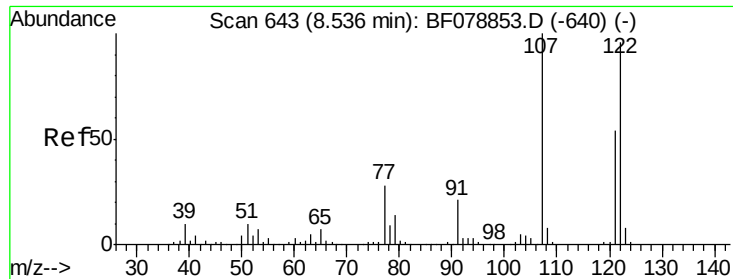
109 25.0 21.0 31.4

65 34.8 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: 38.08 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

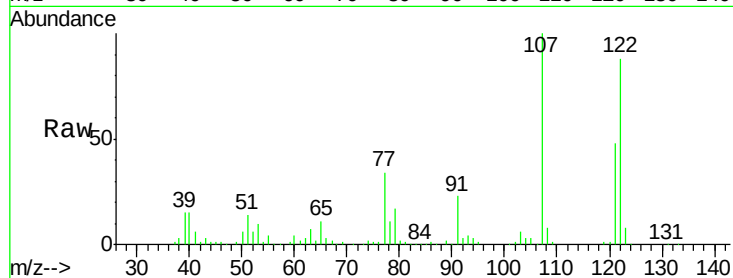
Tot Ion:122 Resp: 156506

Ion Ratio Lower Upper

122 100

107 114.1 90.6 135.8

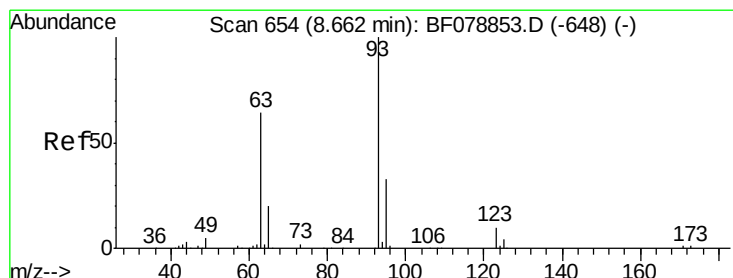
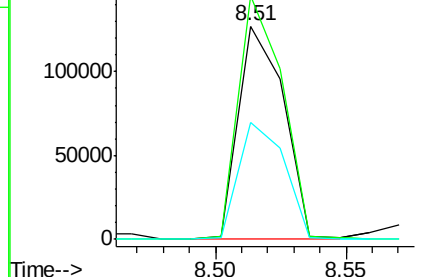
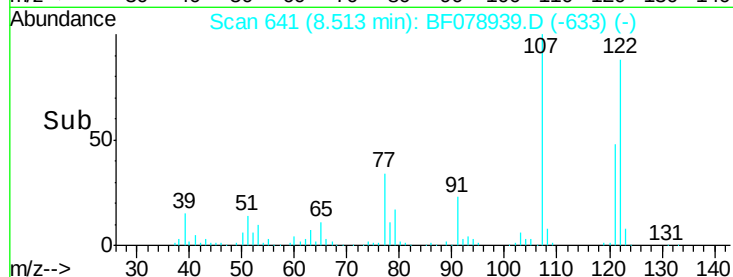
121 54.7 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.75 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

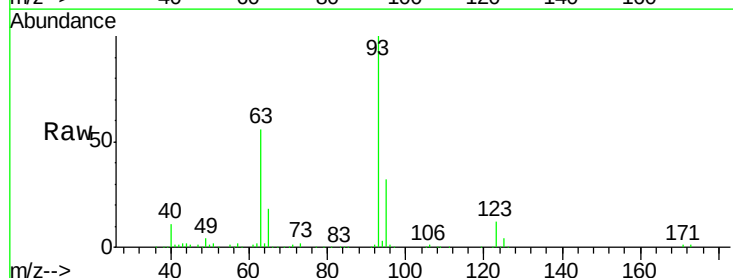
Tgt Ion: 93 Resp: 210239

Ion Ratio Lower Upper

93 100

95 32.2 26.7 40.1

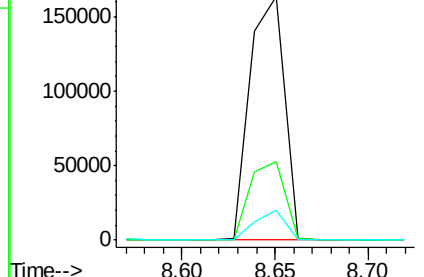
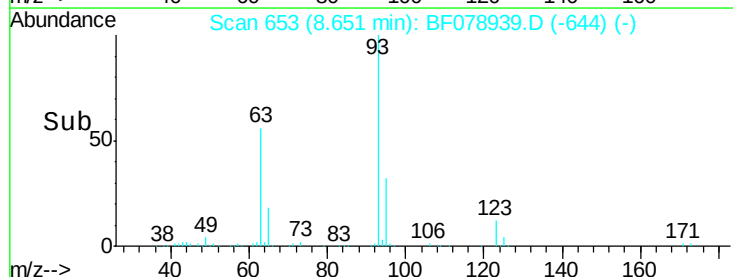
123 12.1 9.1 13.7

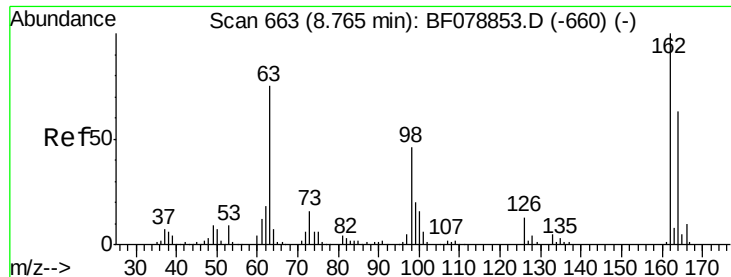


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

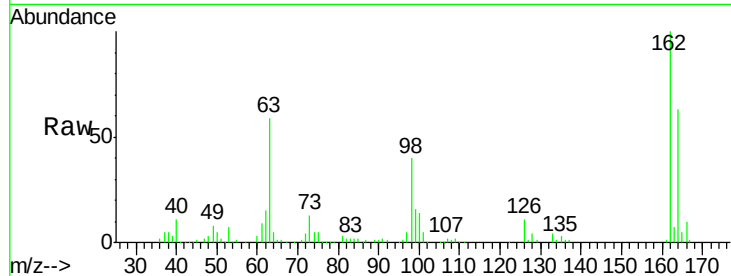




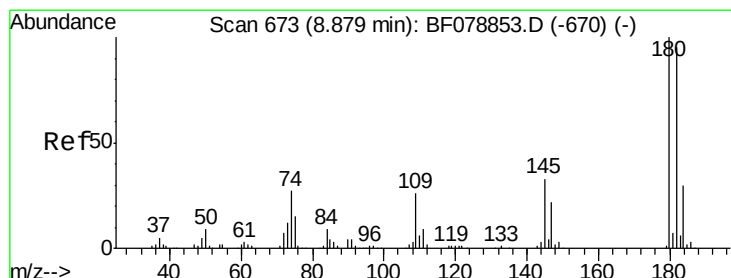
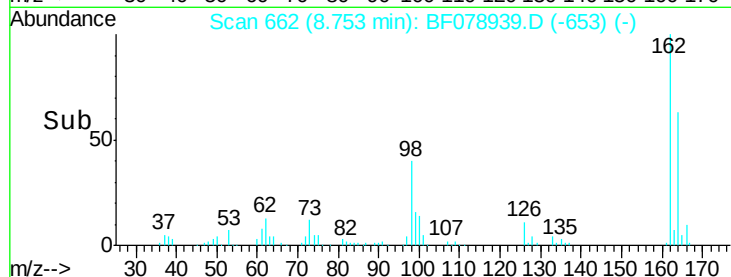
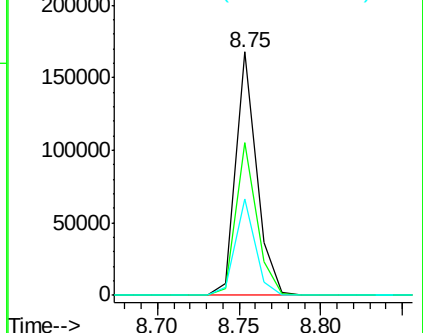
#29
2,4-Dichlorophenol
Concen: 40.37 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion:162 Resp: 147543
Ion Ratio Lower Upper
162 100
164 63.0 43.6 83.6
98 39.7 16.5 56.5

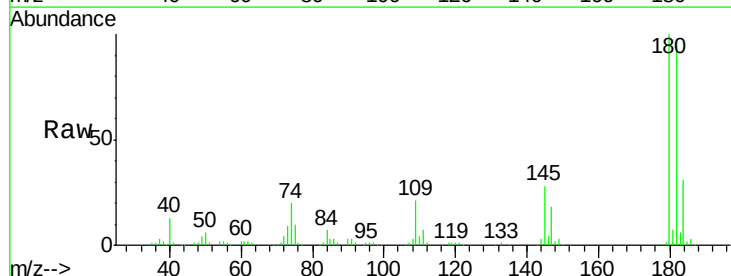


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

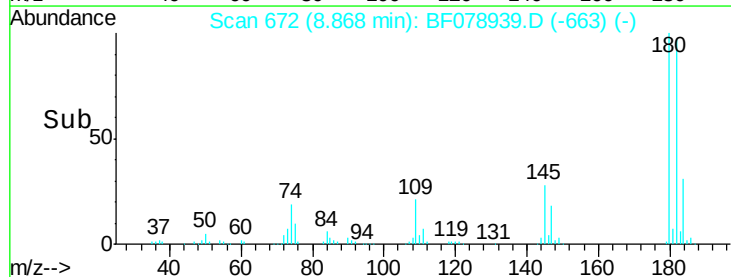
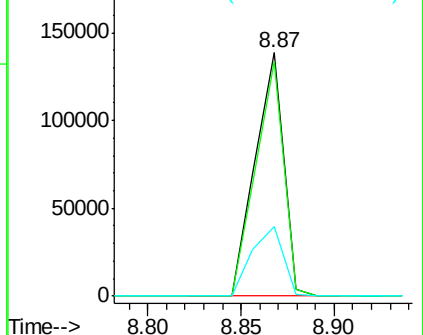


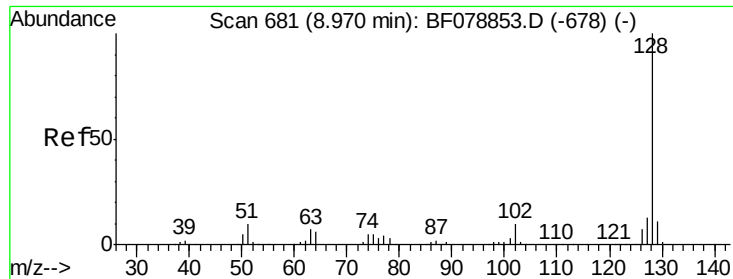
#30
1,2,4-Trichlorobenzene
Concen: 36.32 ng
RT: 8.87 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:180 Resp: 145821
Ion Ratio Lower Upper
180 100
182 96.5 78.9 118.3
145 28.4 24.2 36.4



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

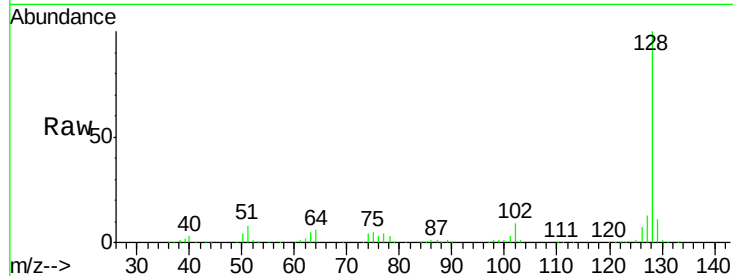




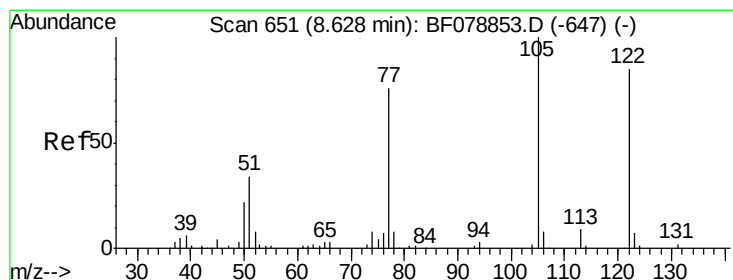
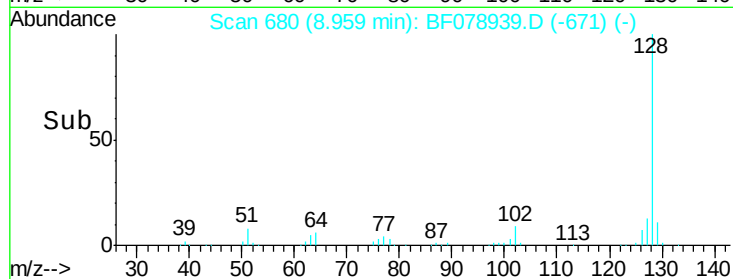
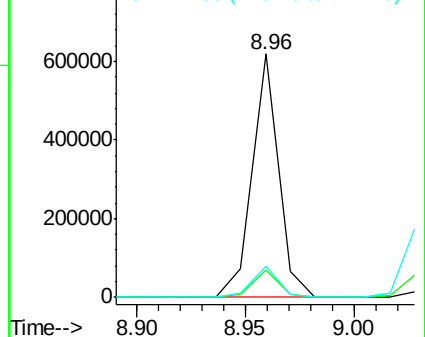
#31
Naphthalene
Concen: 37.97 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion:128 Resp: 520585
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.7 16.1

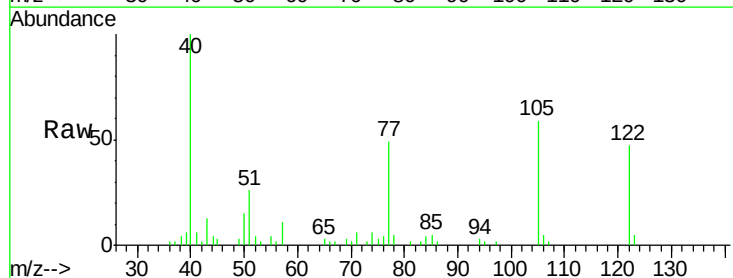


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

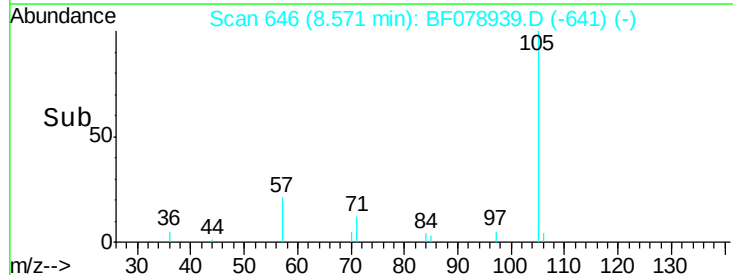
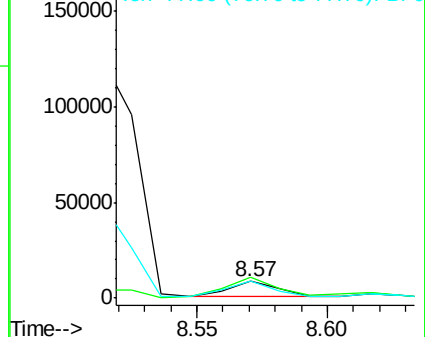


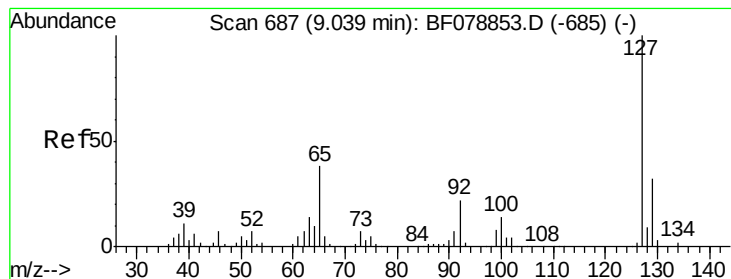
#32
Benzoic acid
Concen: 9.67 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.05 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:122 Resp: 9944
Ion Ratio Lower Upper
122 100
105 124.4 107.1 147.1
77 102.6 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: 26.55 ng

RT: 9.03 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

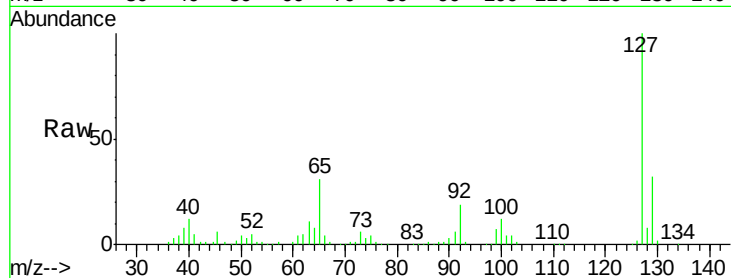
Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

Tot Ion:	127	Resp:	154027
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	31.3	25.8	38.6
92	19.3	15.5	23.3

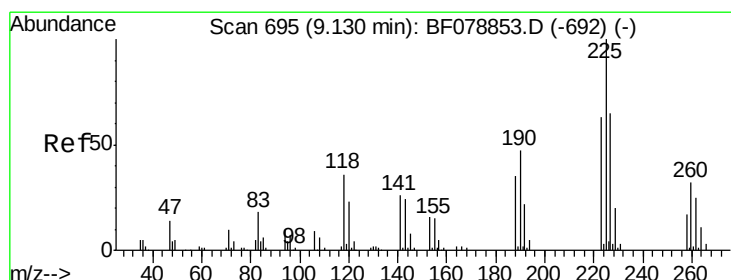
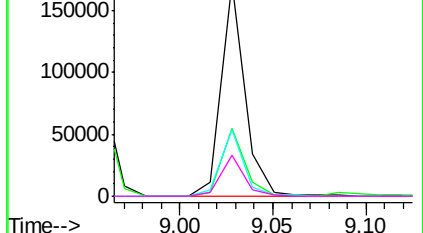
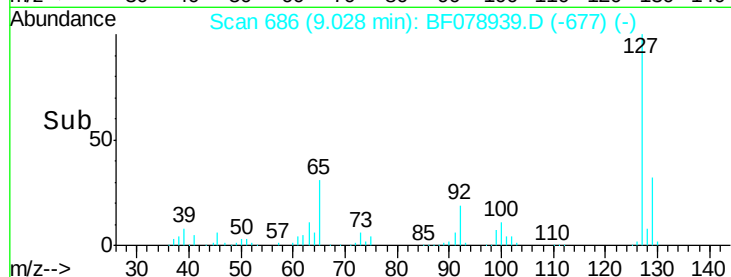


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.89 ng

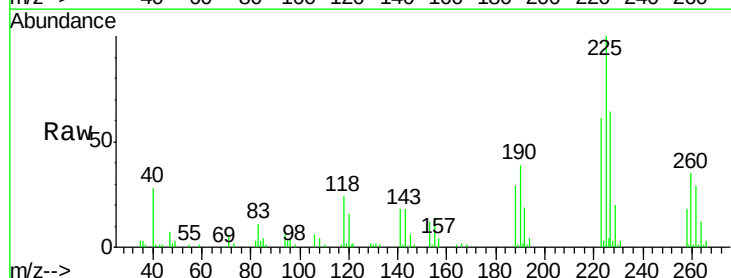
RT: 9.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

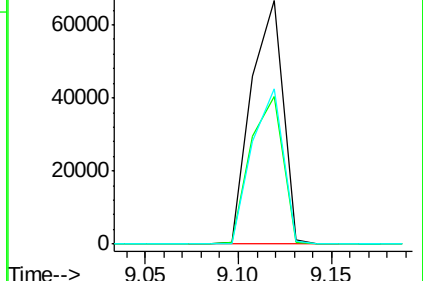
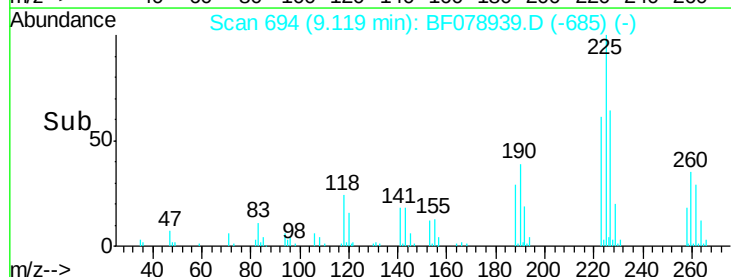
Tgt Ion:	225	Resp:	78337
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	63.8	51.4	77.0

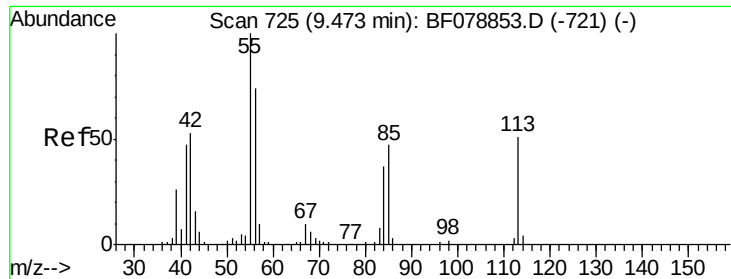


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

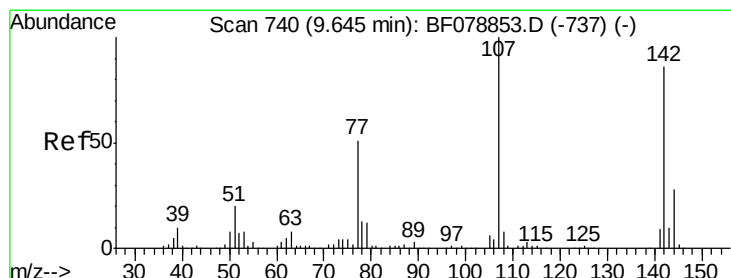
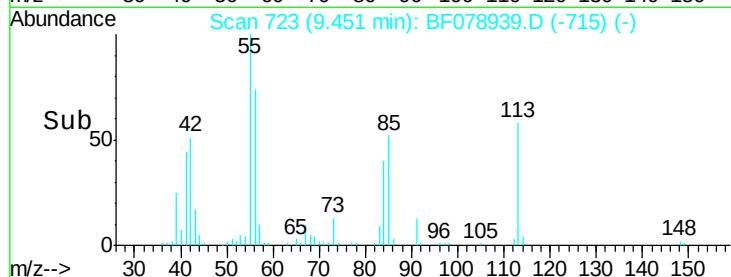
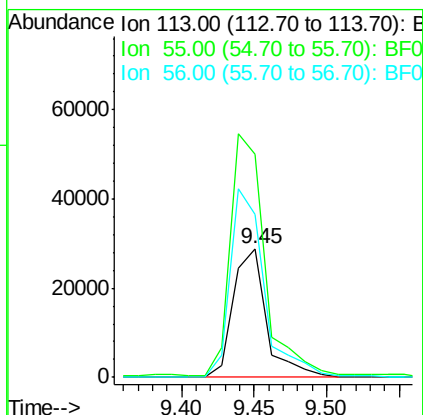
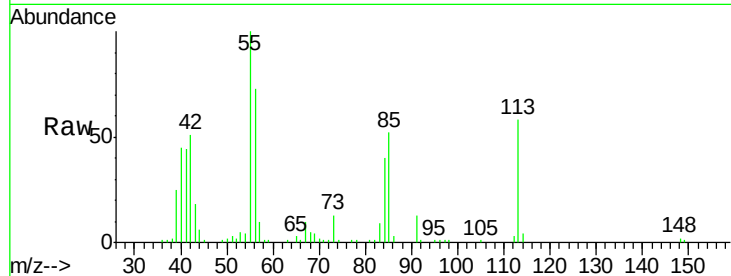




#35
 Caprolactam
 Concen: 38.79 ng
 RT: 9.45 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

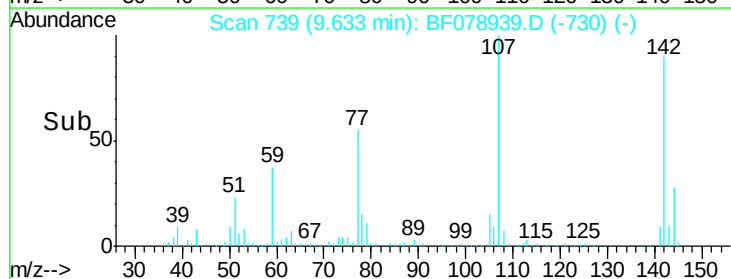
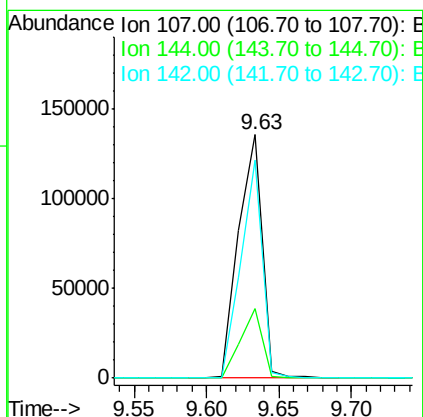
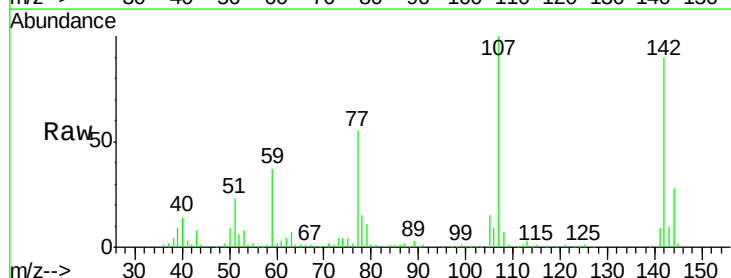
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

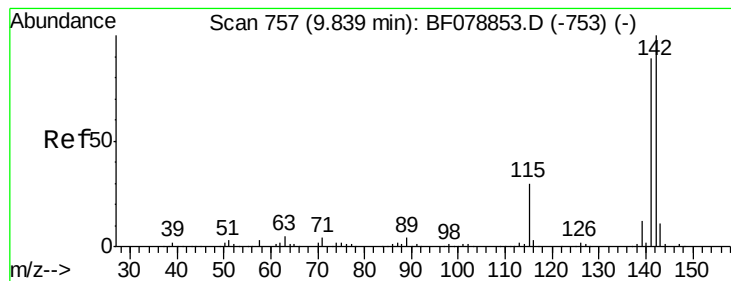
Tot Ion:113 Resp: 45834
 Ion Ratio Lower Upper
 113 100
 55 172.8 169.7 209.7
 56 126.1 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.28 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:107 Resp: 154620
 Ion Ratio Lower Upper
 107 100
 144 28.4 19.8 29.6
 142 89.8 60.6 91.0

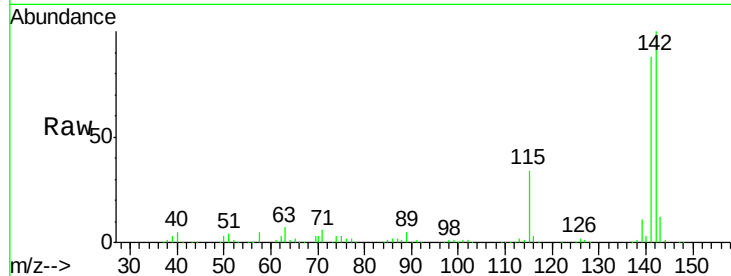




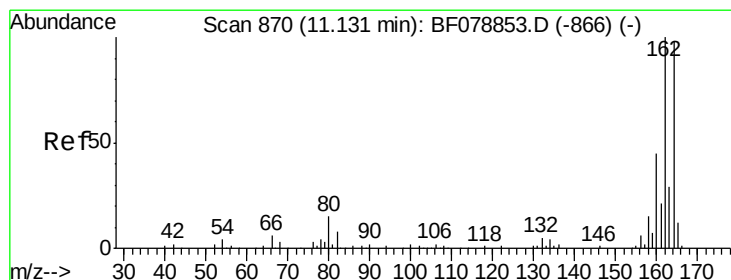
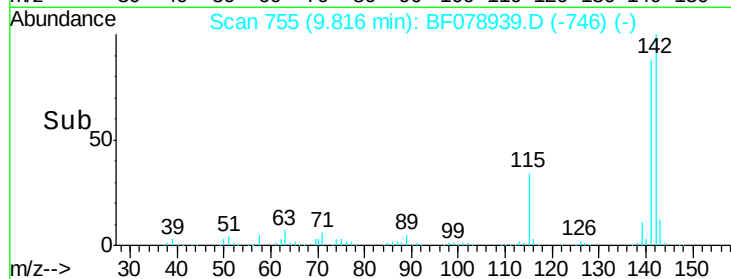
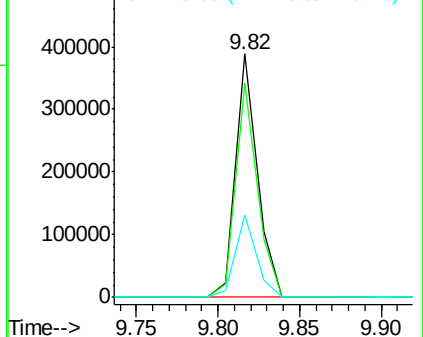
#37
 2-Methylnaphthalene
 Concen: 37.46 ng
 RT: 9.82 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

Tot Ion:142 Resp: 355901
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.9 106.3
 115 33.7 28.5 42.7

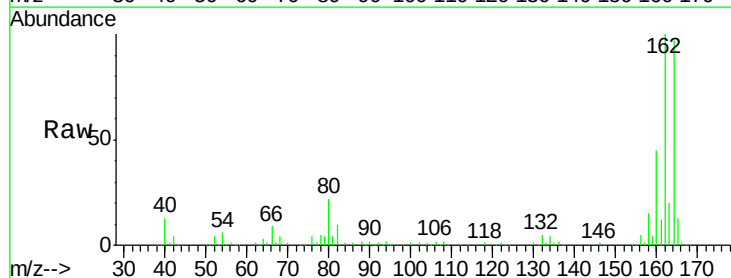


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

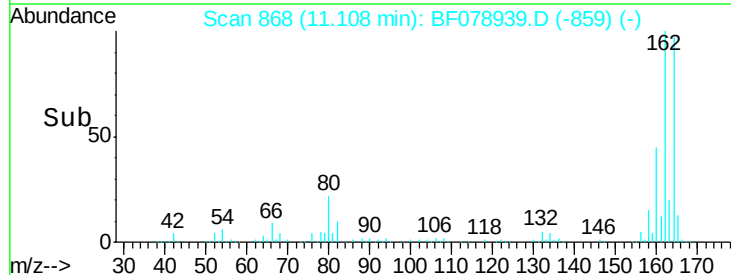
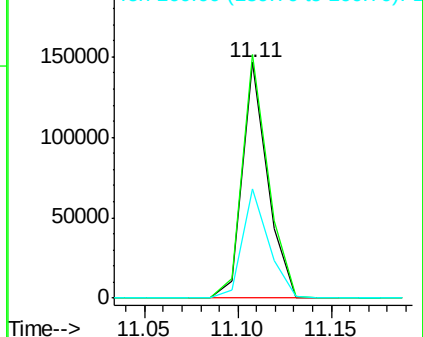


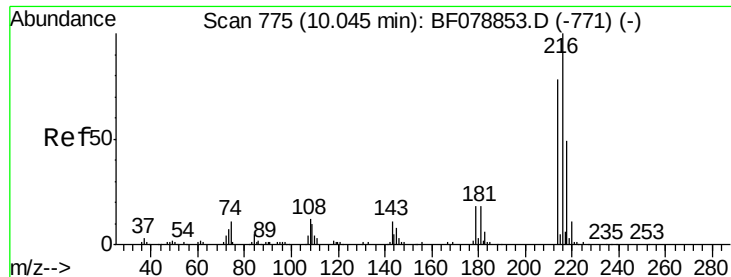
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:164 Resp: 138016
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.7 124.1
 160 46.2 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: 36.26 ng

RT: 10.02 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

Tot Ion:216 Resp: 140952

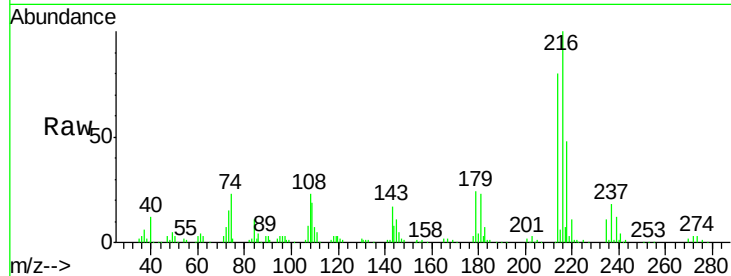
Ion Ratio Lower Upper

216 100

214 78.4 0.0 0.0#

179 22.7 0.0 0.0#

108 24.7 0.0 0.0#

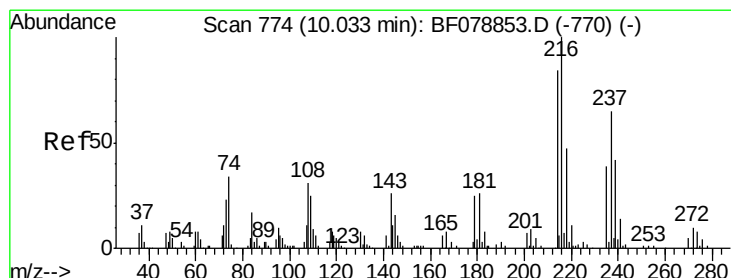
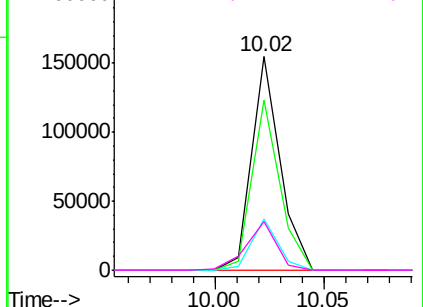
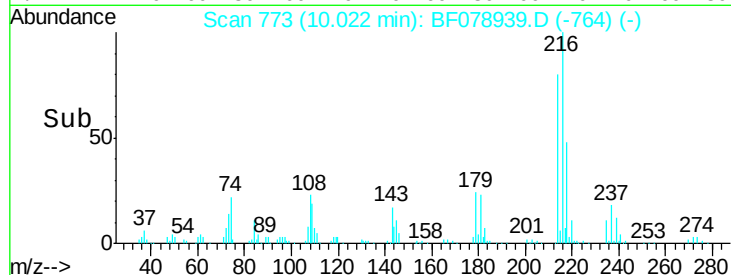


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.31 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

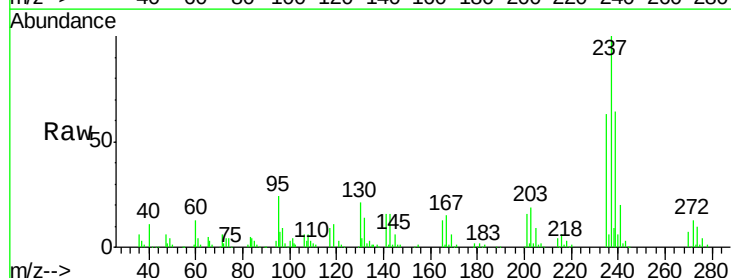
Tgt Ion:237 Resp: 137421

Ion Ratio Lower Upper

237 100

235 63.1 44.7 84.7

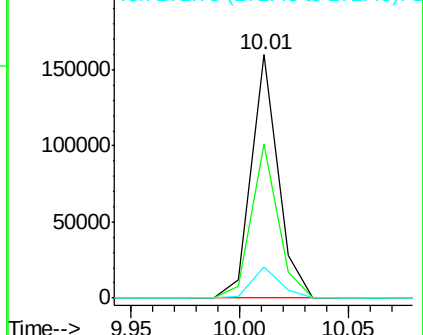
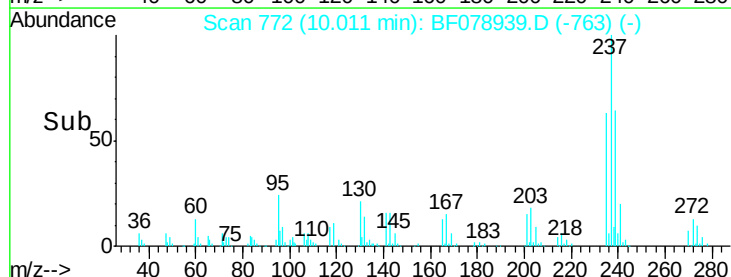
272 12.9 0.0 32.6

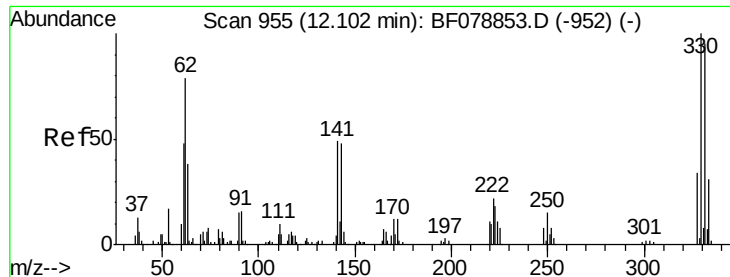


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

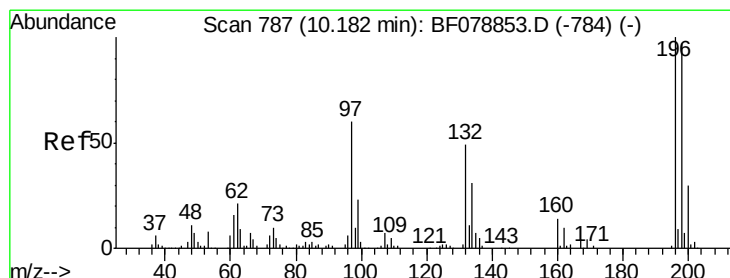
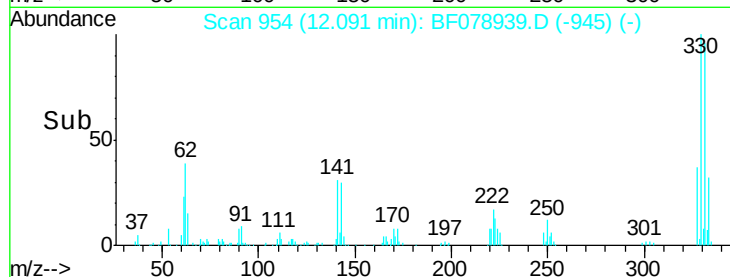
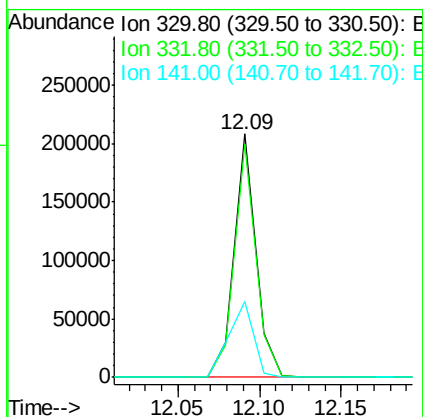
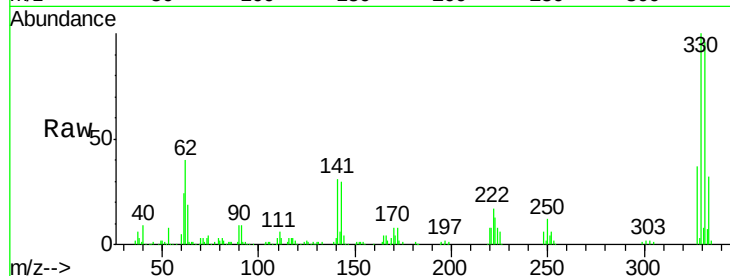




#41
 2,4,6-Tribromophenol
 Concen: 128.10 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

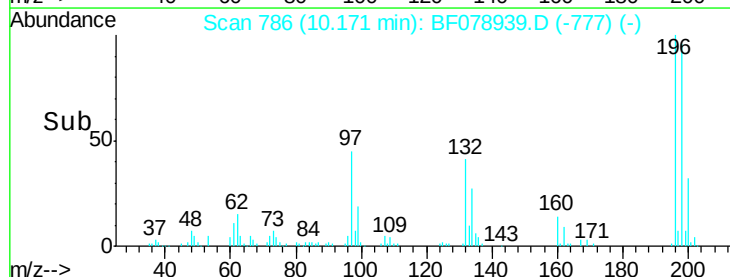
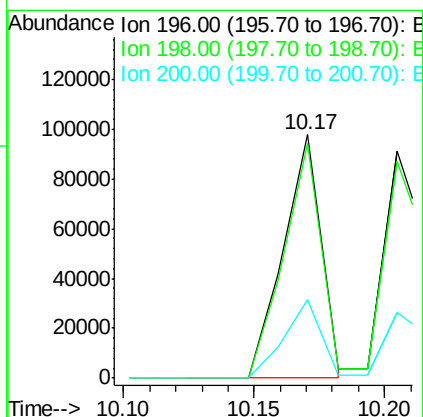
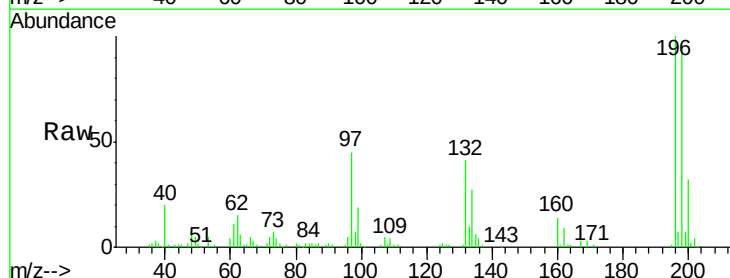
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

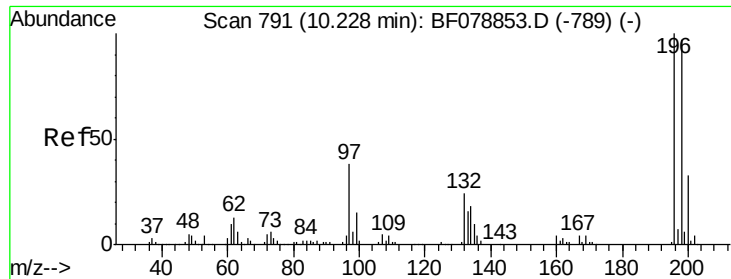
Tot Ion:330 Resp: 191256
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 35.8 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.92 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:196 Resp: 98658
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.5 120.7
 200 32.2 24.9 37.3

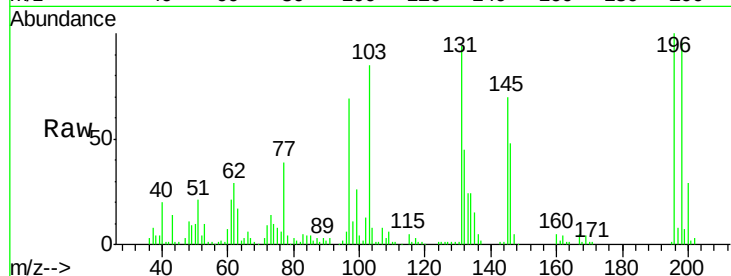




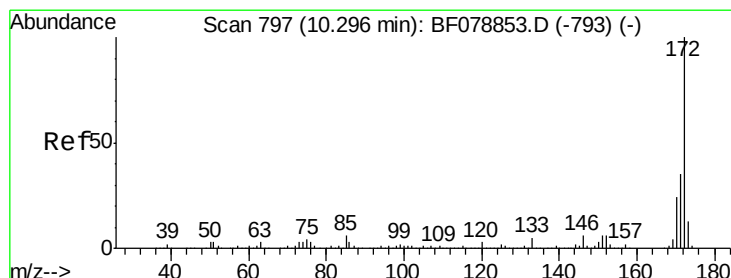
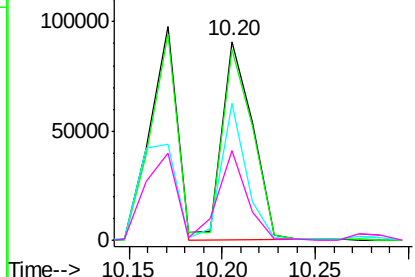
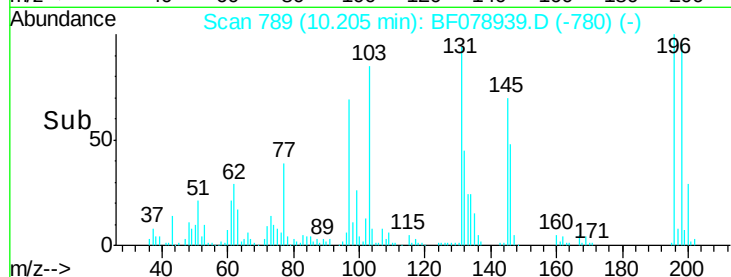
#43
 2,4,5-Trichlorophenol
 Concen: 38.27 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	79.8	119.6
97	68.8	46.0	69.0
132	45.2	26.6	40.0

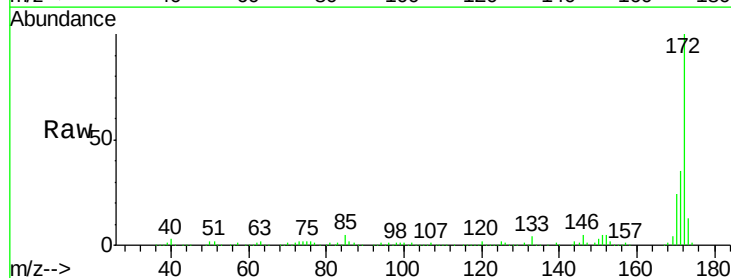


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

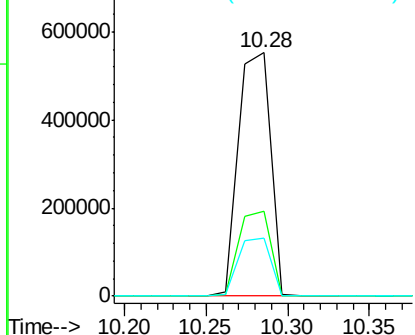
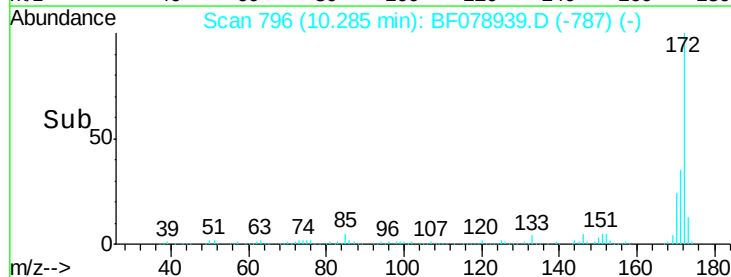


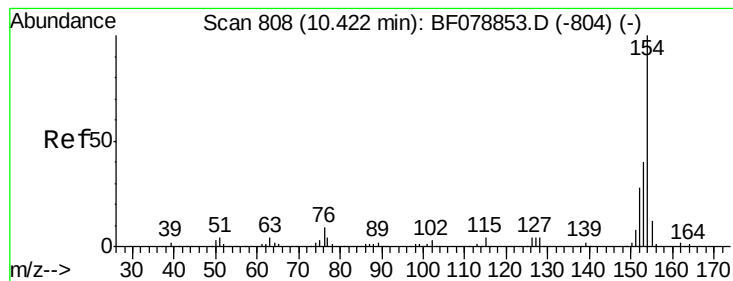
#44
 2-Fluorobiphenyl
 Concen: 75.78 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.8	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: 38.19 ng

RT: 10.40 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

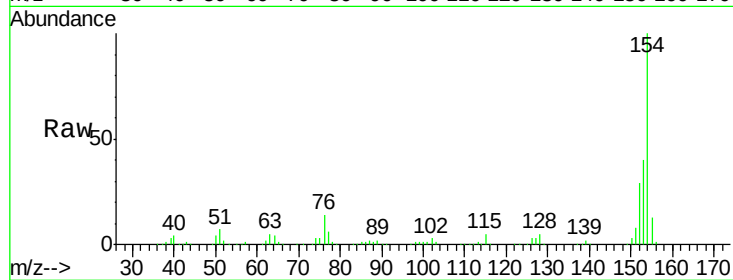
Tot Ion:154 Resp: 418972

Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

76 14.4 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

600000

500000

400000

300000

200000

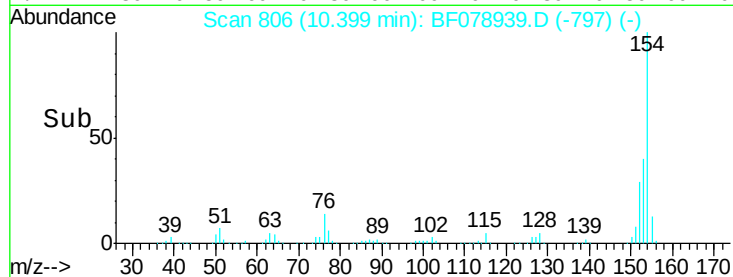
100000

0

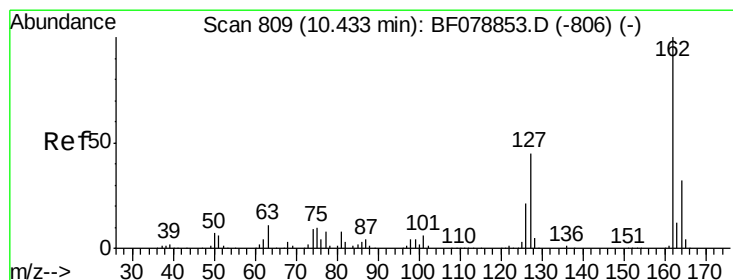
10.35

10.40

10.45



Time-->



#46

2-Chloronaphthalene

Concen: 38.48 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

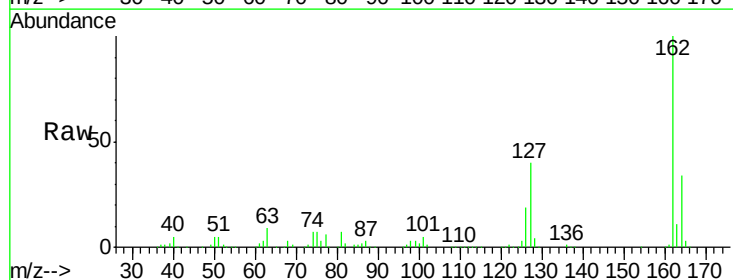
Tgt Ion:162 Resp: 329347

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

164 33.7 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

500000

400000

300000

200000

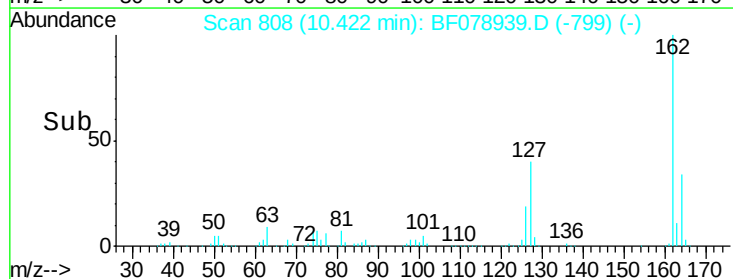
100000

0

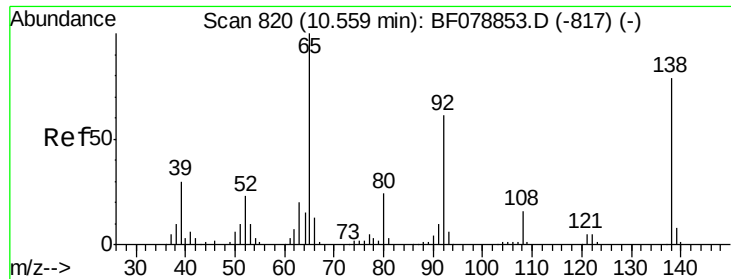
10.35

10.40

10.45



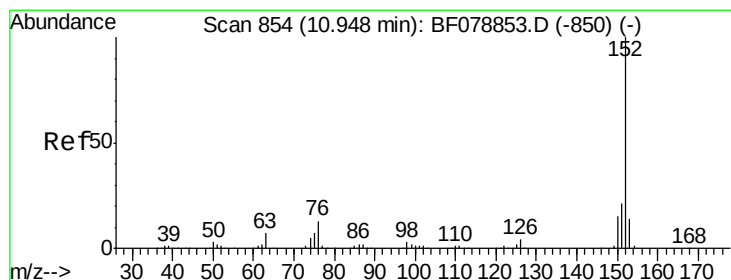
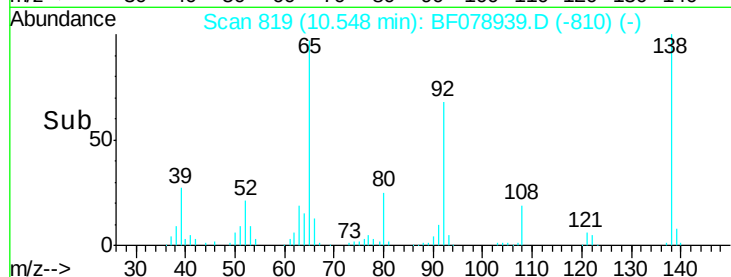
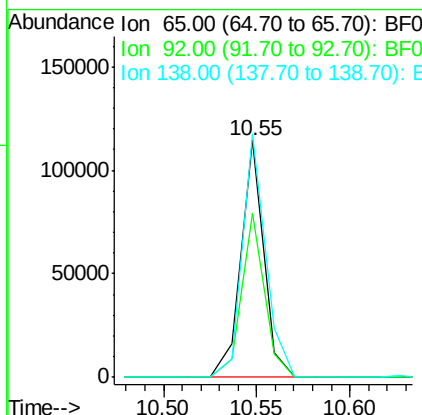
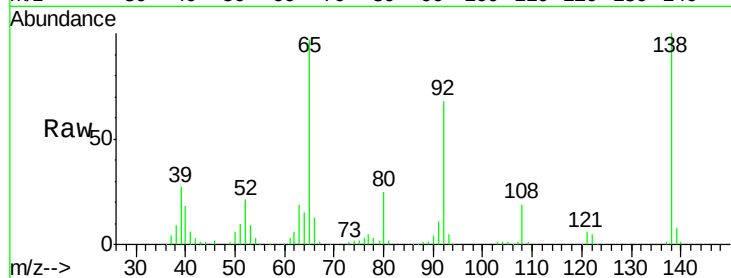
Time-->



#47
 2-Nitroaniline
 Concen: 39.56 ng
 RT: 10.55 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

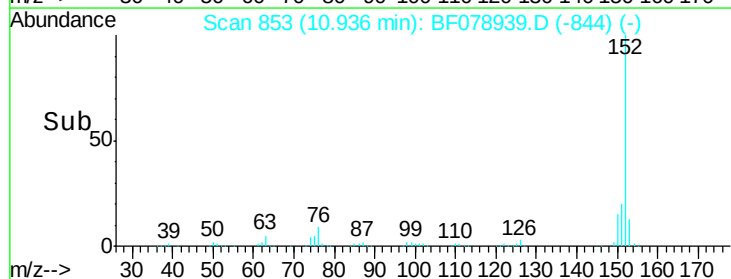
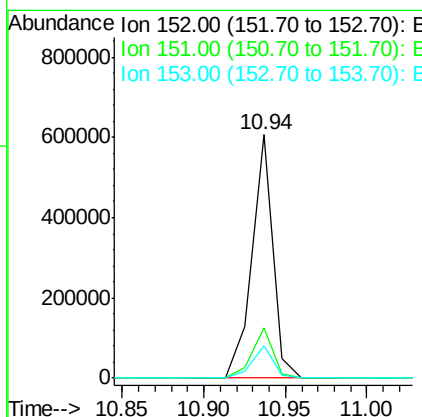
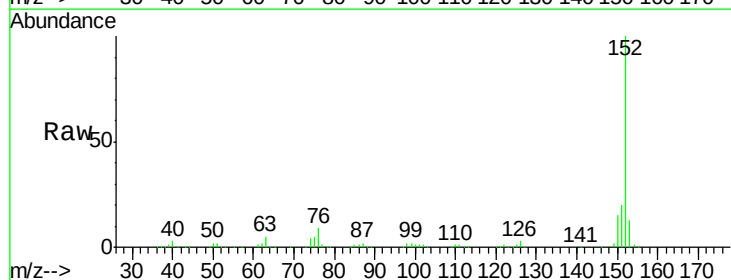
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

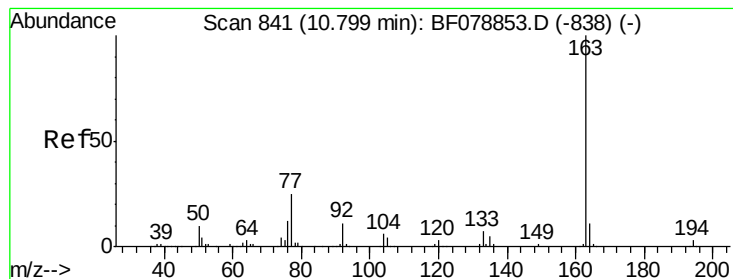
Tot Ion: 65 Resp: 98100
 Ion Ratio Lower Upper
 65 100
 92 69.4 54.0 81.0
 138 102.7 75.0 112.6



#48
 Acenaphthylene
 Concen: 38.54 ng
 RT: 10.94 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion: 152 Resp: 541618
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 46.50 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

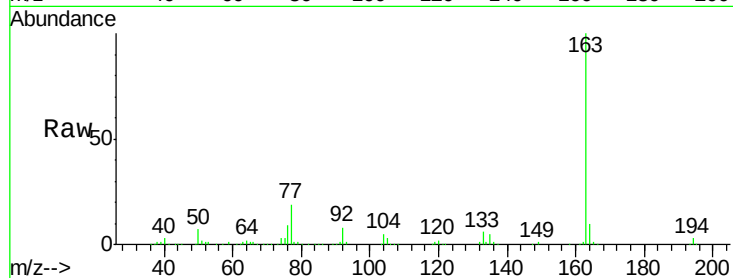
Tot Ion:163 Resp: 471051

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

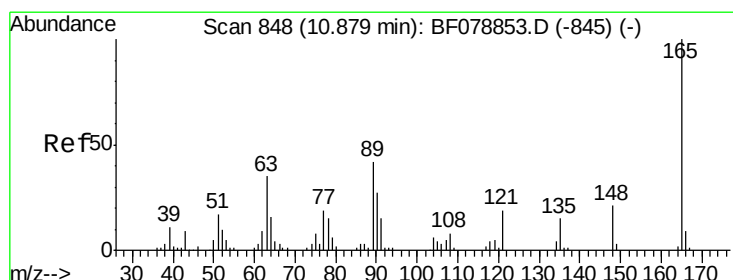
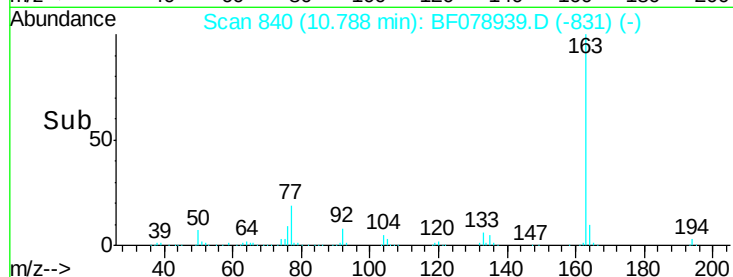
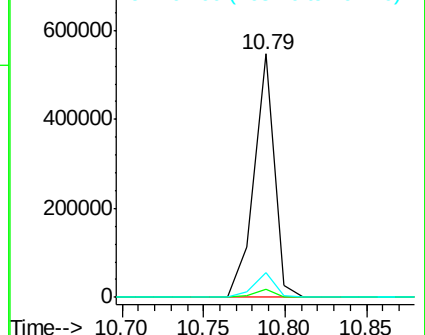
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.81 ng

RT: 10.86 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

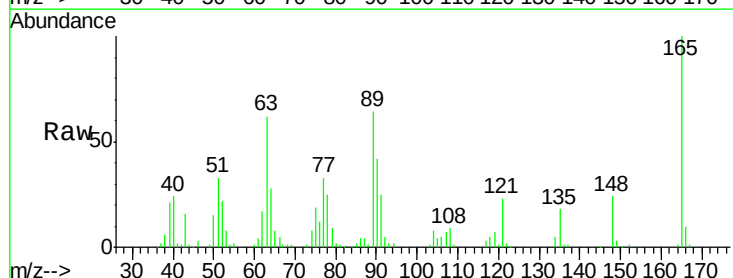
Tgt Ion:165 Resp: 77576

Ion Ratio Lower Upper

165 100

63 62.4 54.4 81.6

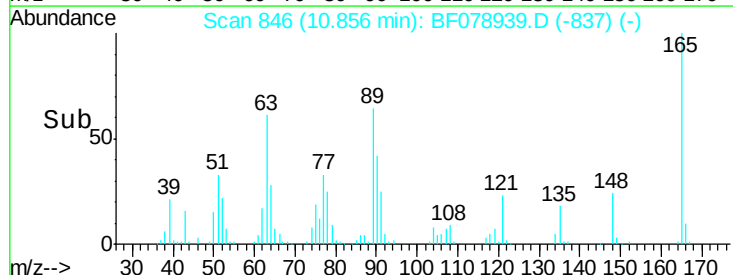
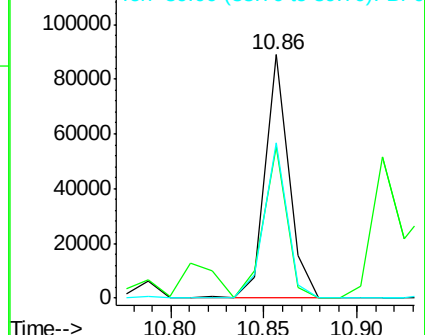
89 63.9 55.7 83.5

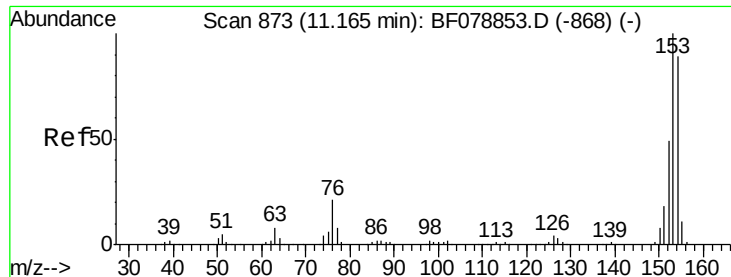


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.24 ng

RT: 11.15 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

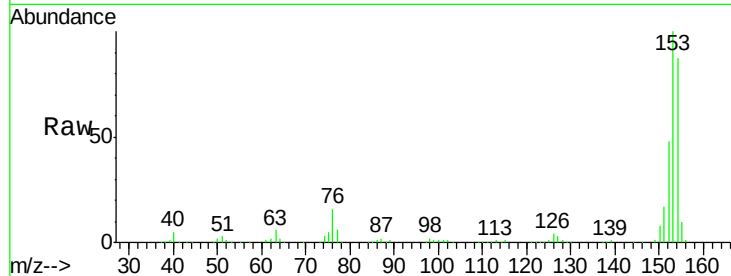
Tot Ion:154 Resp: 312031

Ion Ratio Lower Upper

154 100

153 114.6 91.5 137.3

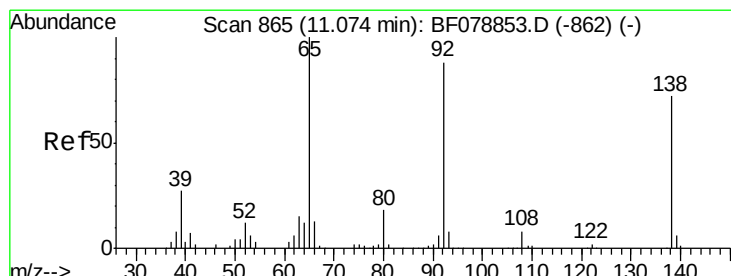
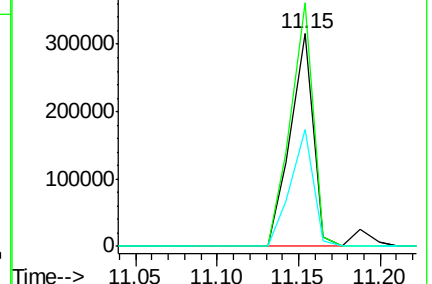
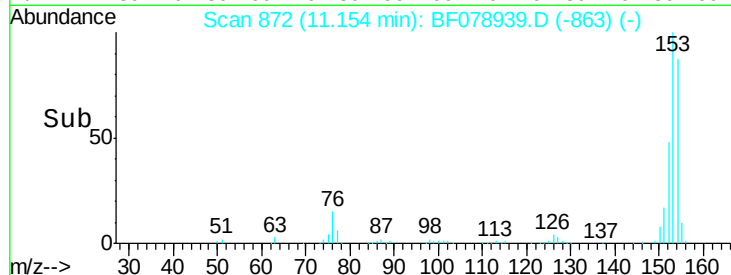
152 54.9 44.2 66.4



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: 33.81 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

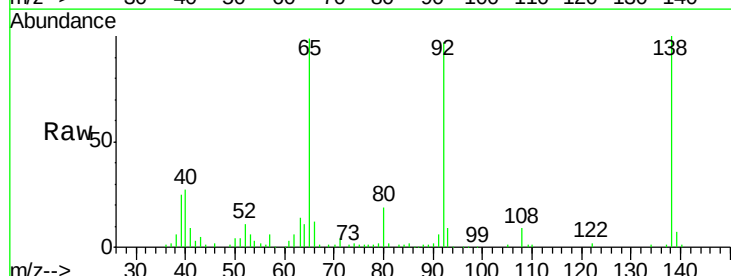
Tgt Ion:138 Resp: 84438

Ion Ratio Lower Upper

138 100

108 9.2 10.6 16.0#

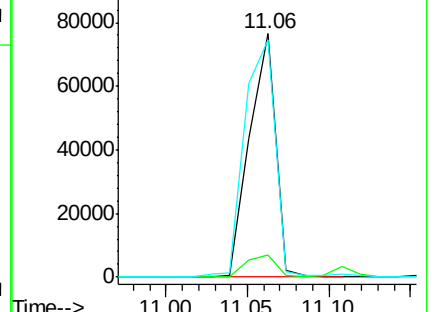
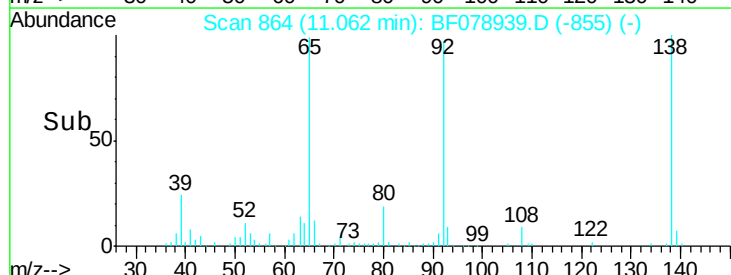
92 97.4 81.8 122.6

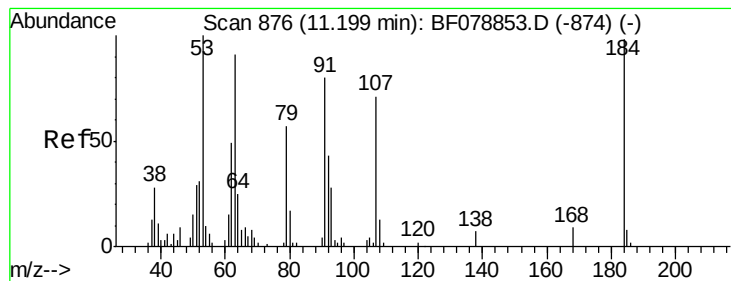


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 51.60 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

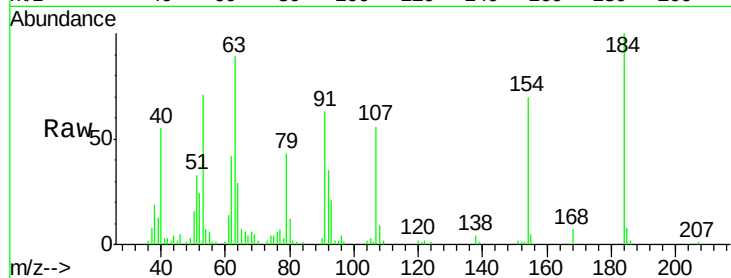
Tot Ion:184 Resp: 32939

Ion Ratio Lower Upper

184 100

63 89.3 63.3 94.9

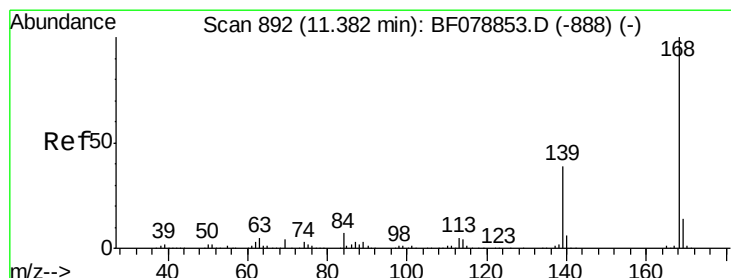
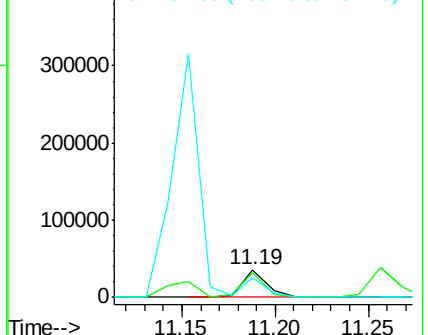
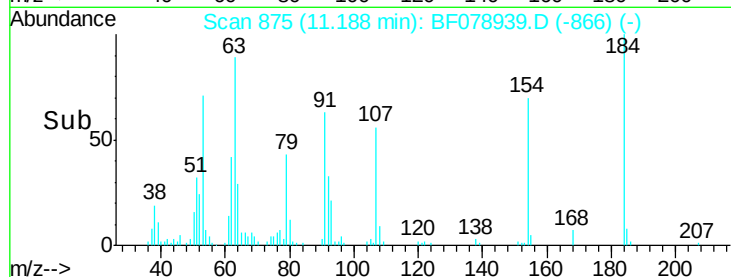
154 70.1 53.8 80.6



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: 38.86 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

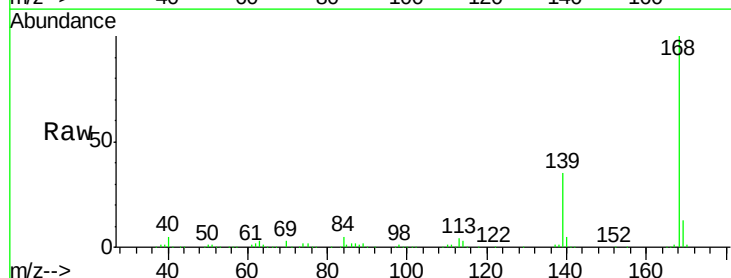
Tgt Ion:168 Resp: 470340

Ion Ratio Lower Upper

168 100

139 35.4 31.0 46.4

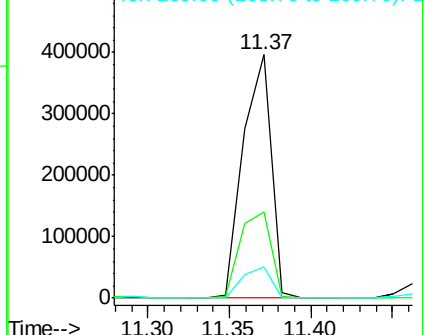
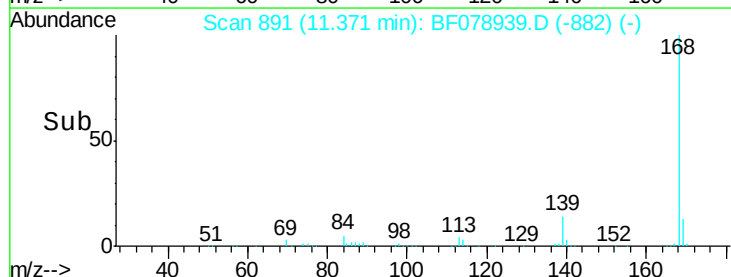
169 13.0 10.6 16.0

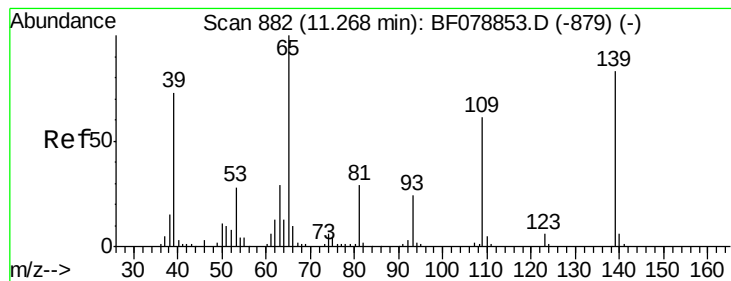


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.75 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

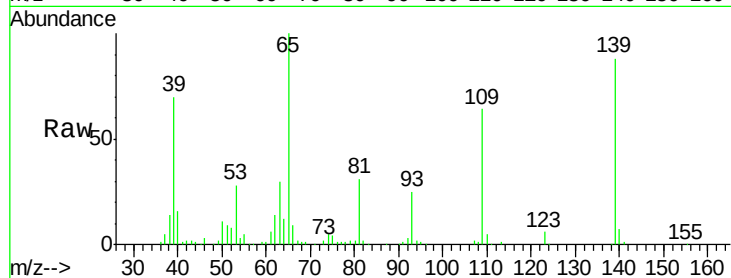
Tot Ion:139 Resp: 145764

Ion Ratio Lower Upper

139 100

109 72.9 47.6 87.6

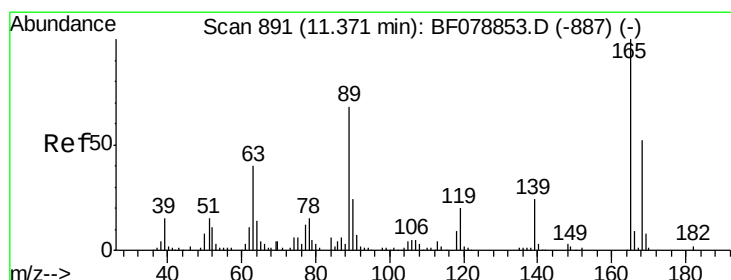
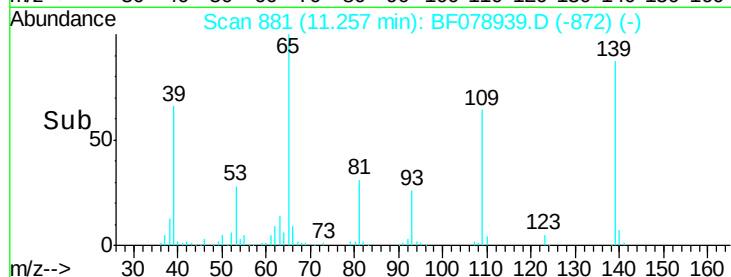
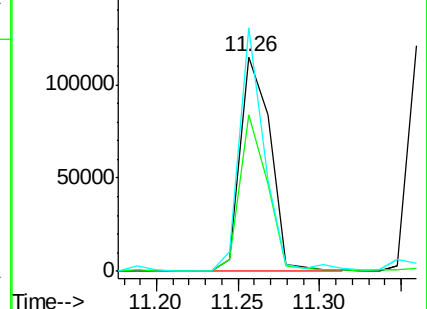
65 113.5 54.3 94.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.18 ng

RT: 11.35 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Tgt Ion:165 Resp: 100896

Ion Ratio Lower Upper

165 100

63 62.3 51.2 76.8

89 93.6 82.7 124.1

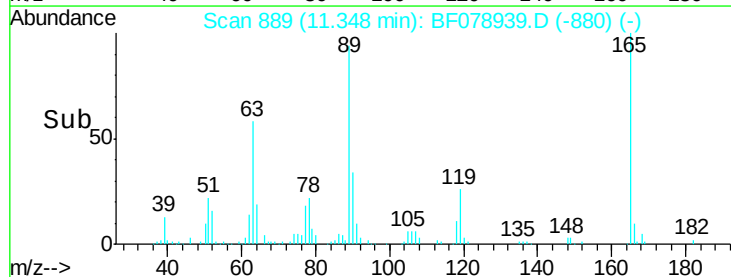
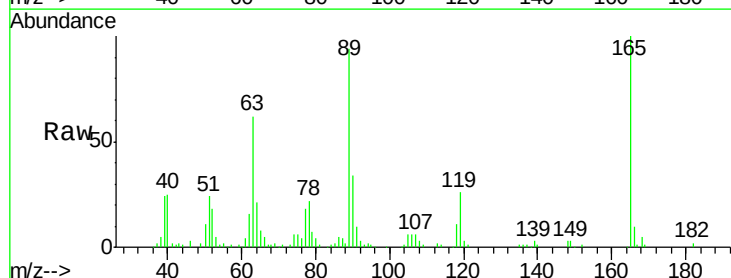
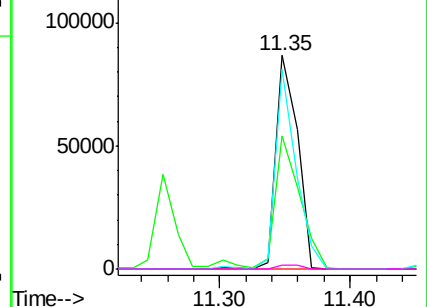
182 1.9 1.4 2.2

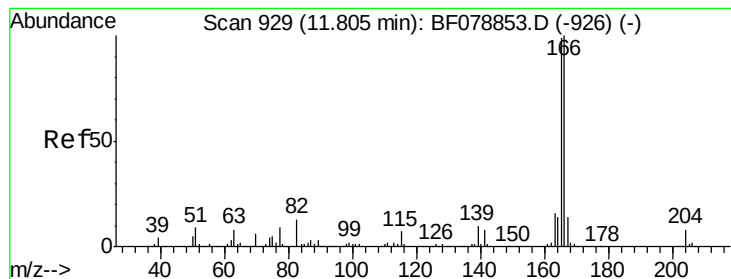
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.94 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

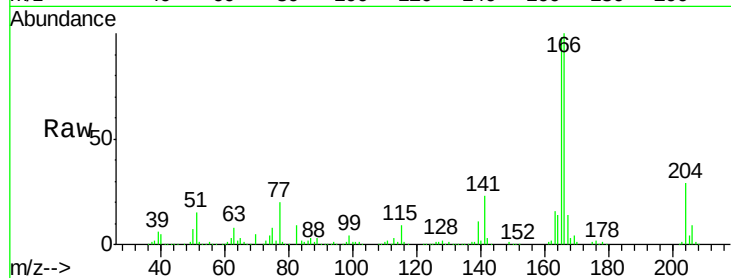
Tot Ion:166 Resp: 386842

Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

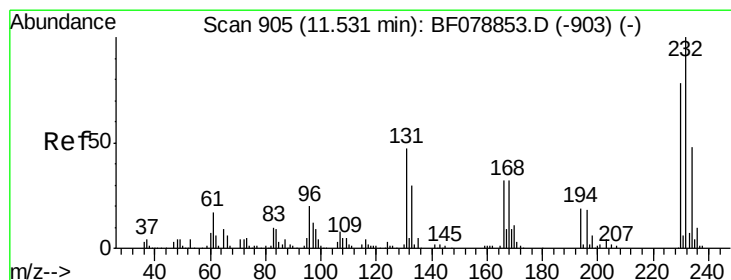
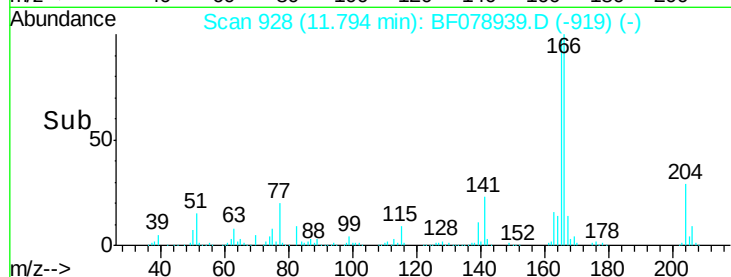
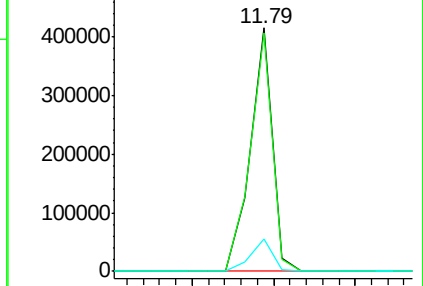
167 13.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.29 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Tgt Ion:232 Resp: 84530

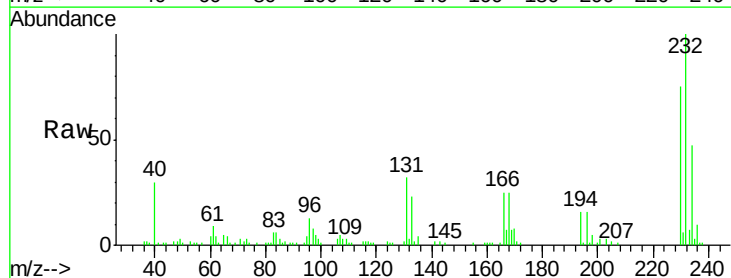
Ion Ratio Lower Upper

232 100

131 53.5 0.0 0.0#

130 2.5 0.0 0.0#

166 35.2 0.0 0.0#

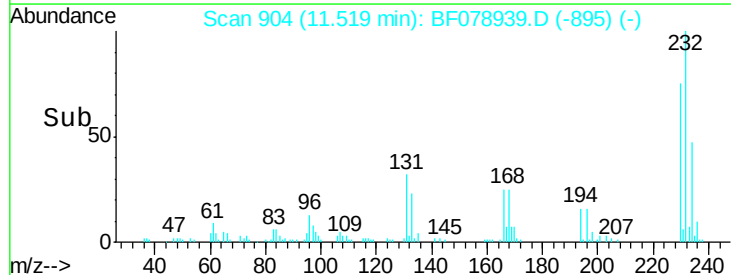
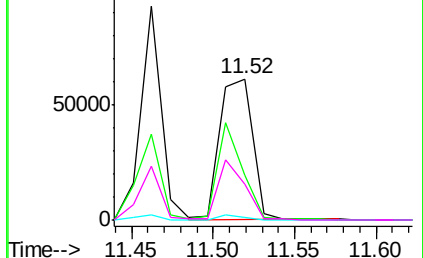


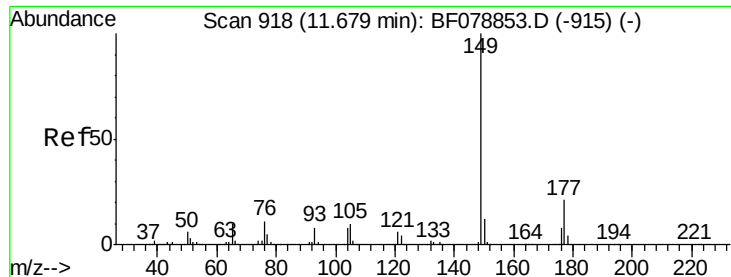
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

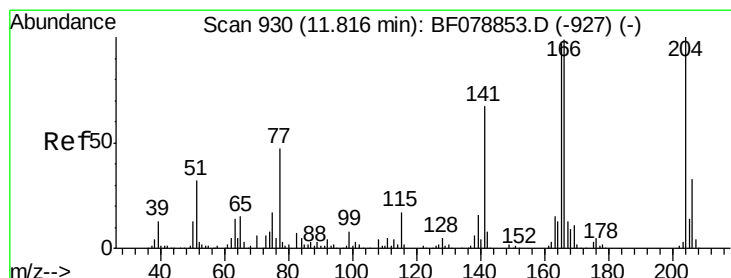
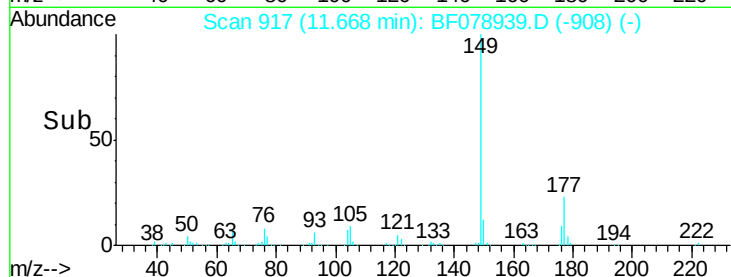
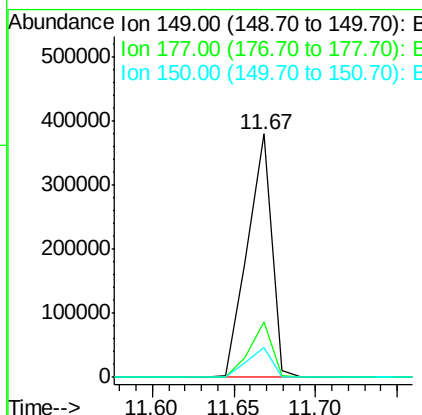
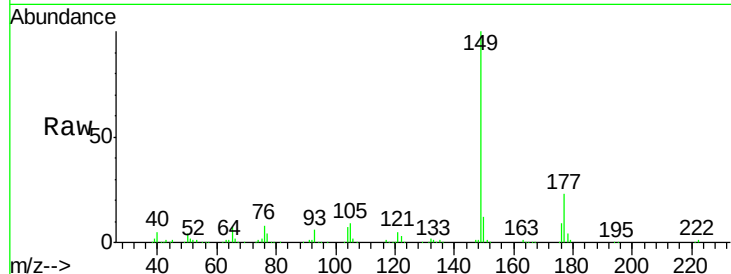




#59
Diethylphthalate
Concen: 39.01 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

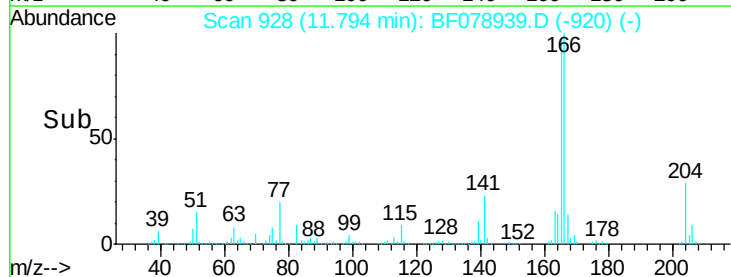
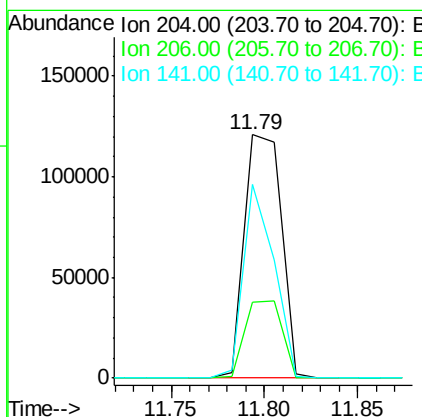
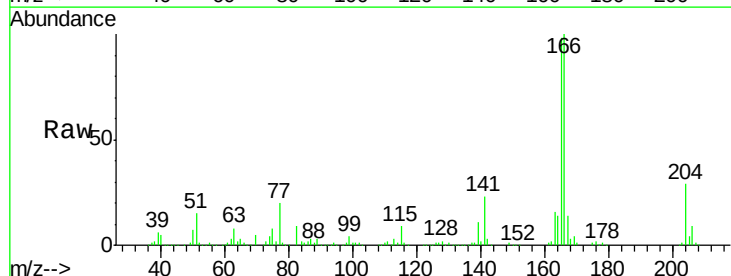
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

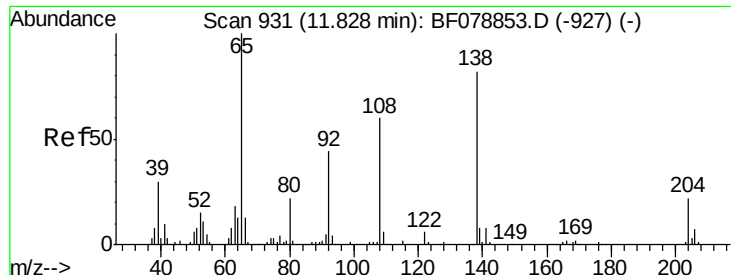
Tot Ion:149 Resp: 391467
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.1 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 37.85 ng
RT: 11.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:204 Resp: 166799
Ion Ratio Lower Upper
204 100
206 31.0 26.9 40.3
141 79.8 48.3 72.5#

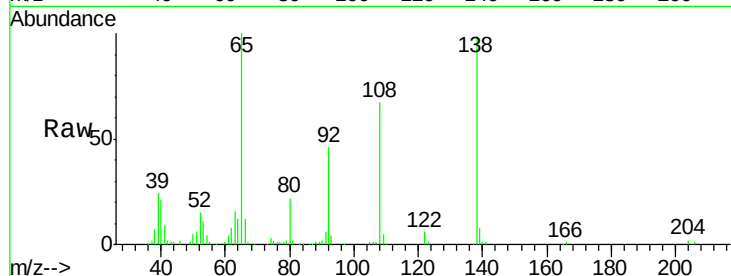




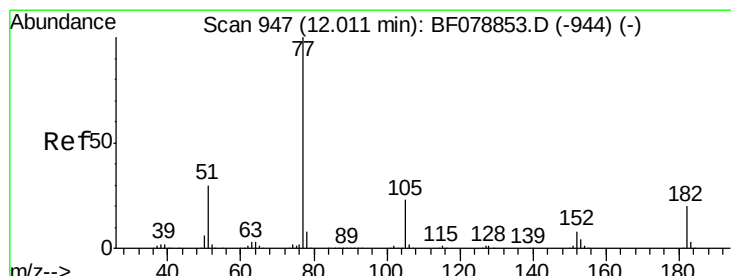
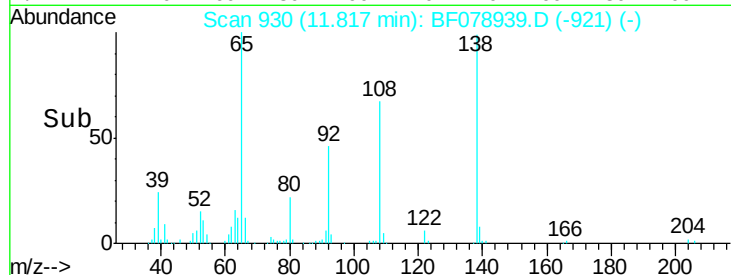
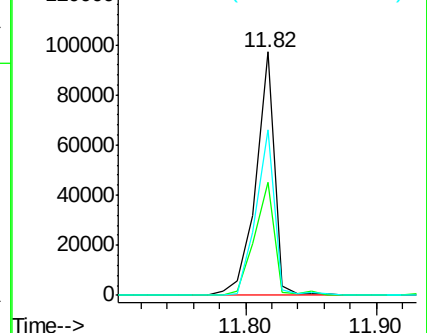
#61
4-Nitroaniline
Concen: 39.06 ng
RT: 11.82 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

Tot Ion:138 Resp: 97580
Ion Ratio Lower Upper
138 100
92 46.3 28.0 68.0
108 68.2 56.3 96.3

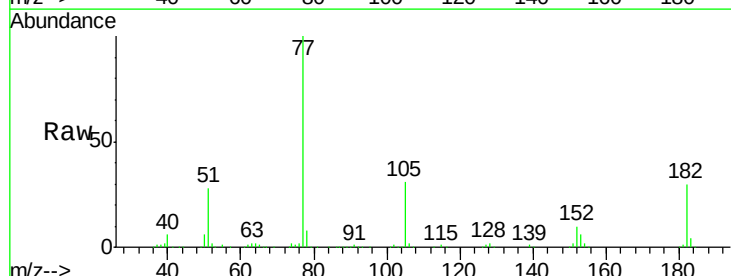


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

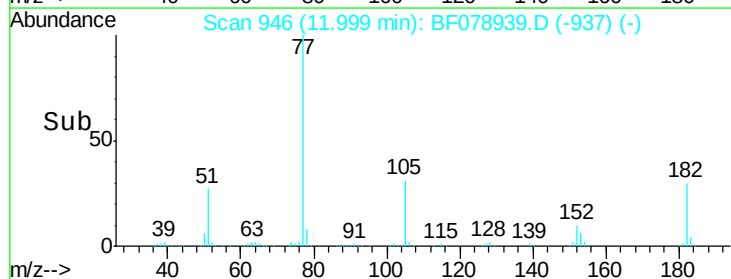
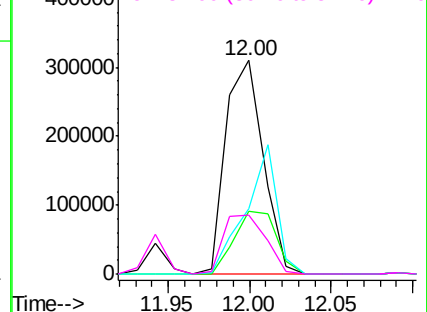


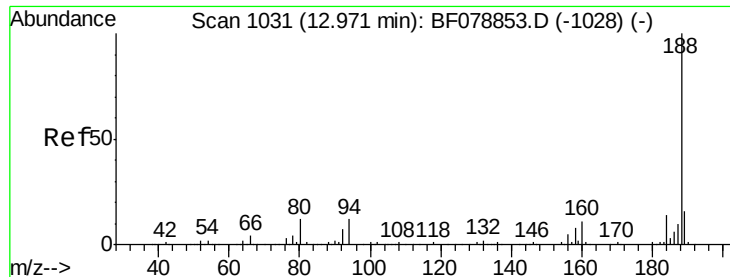
#62
Azobenzene
Concen: 49.57 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion: 77 Resp: 490181
Ion Ratio Lower Upper
77 100
182 29.7 3.8 43.8
105 30.8 3.9 43.9
51 27.6 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

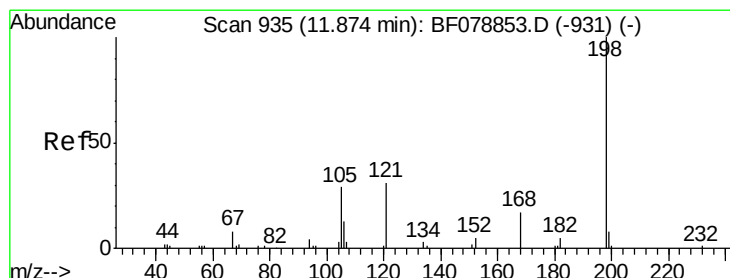
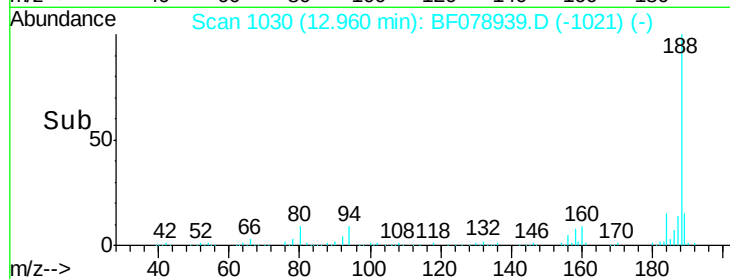
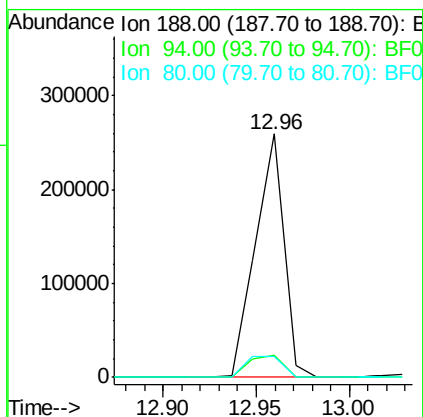
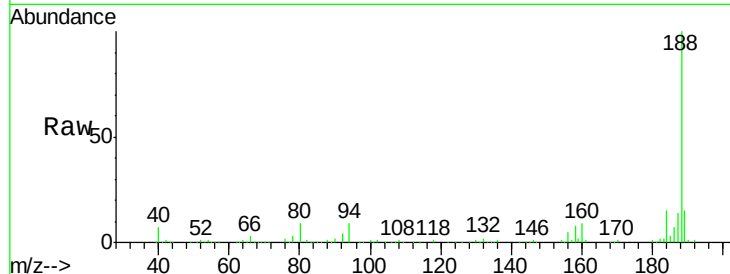




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

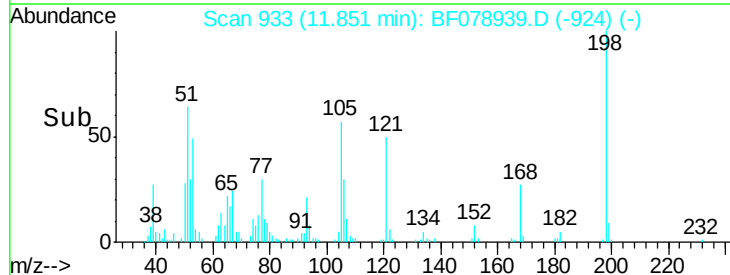
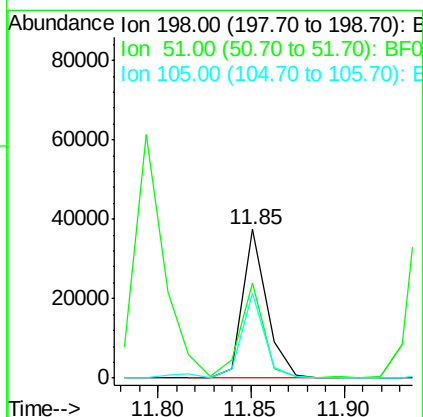
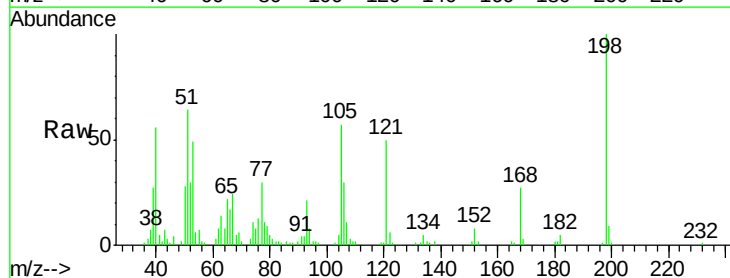
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

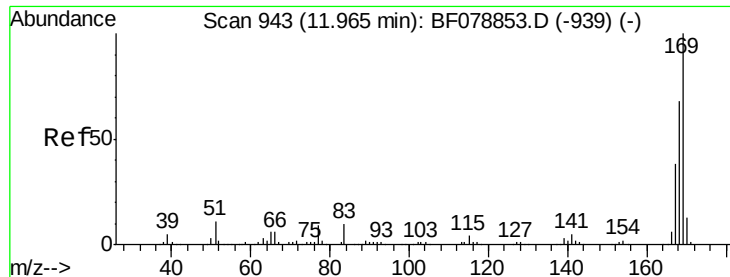
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	8.6	8.9	13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.79 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.0	47.3	87.3
105	57.2	38.8	78.8

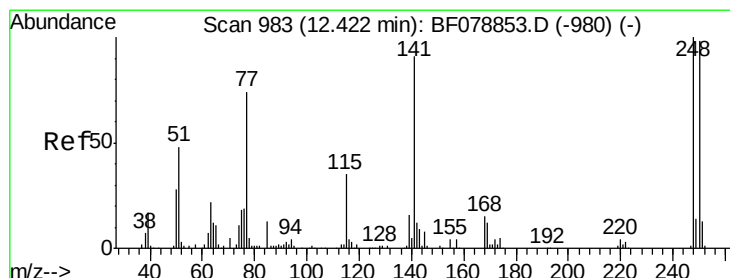
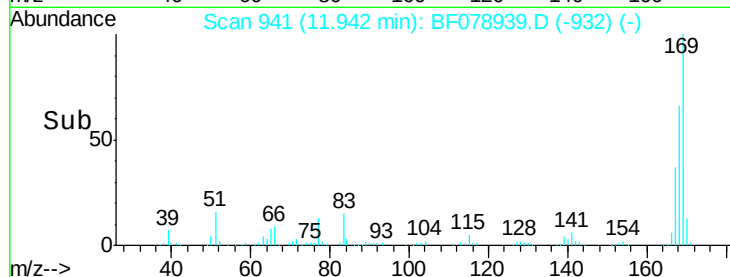
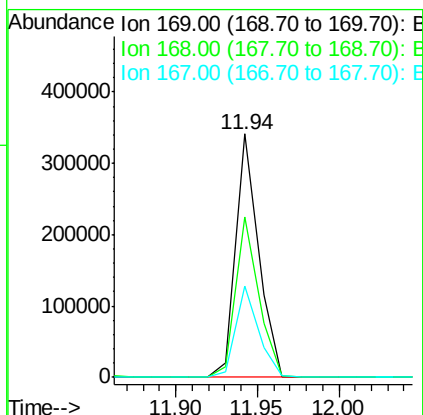
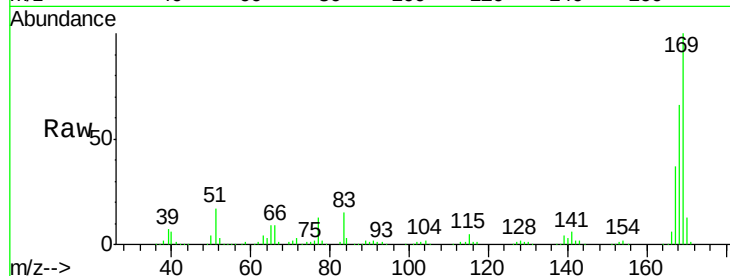




#65
 n-Nitrosodiphenylamine
 Concen: 36.05 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

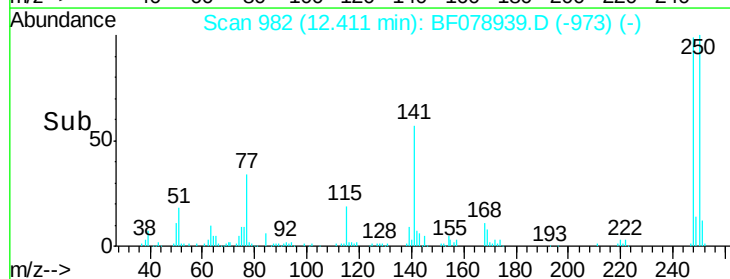
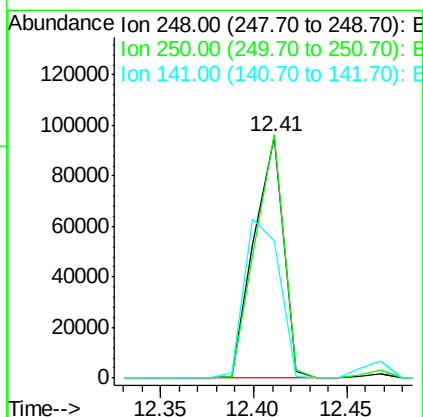
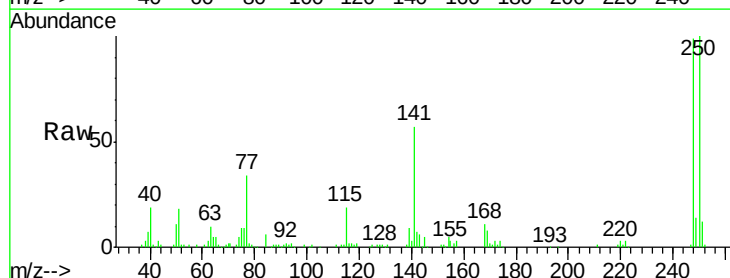
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

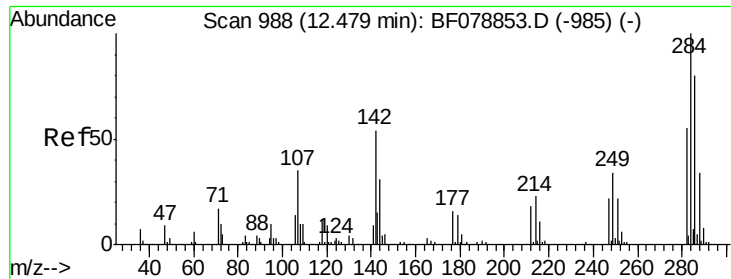
Tot Ion:169 Resp: 328860
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.6 82.0
 167 37.3 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.55 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:248 Resp: 104374
 Ion Ratio Lower Upper
 248 100
 250 101.0 77.1 115.7
 141 57.1 58.8 88.2#

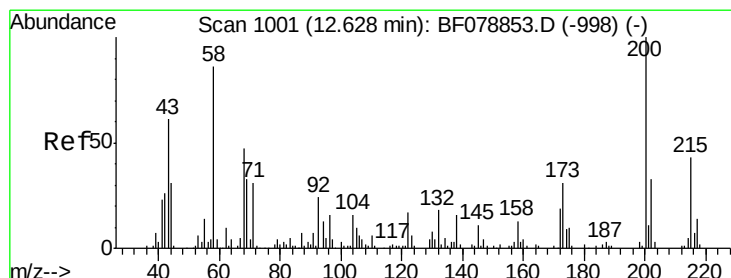
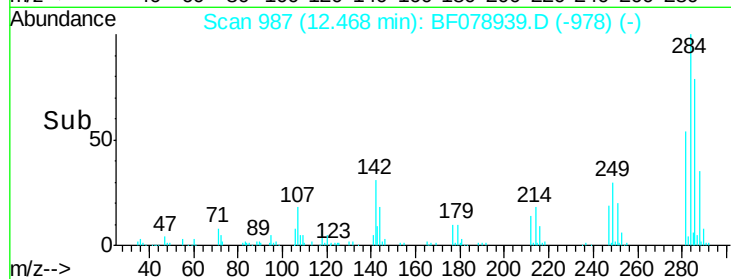
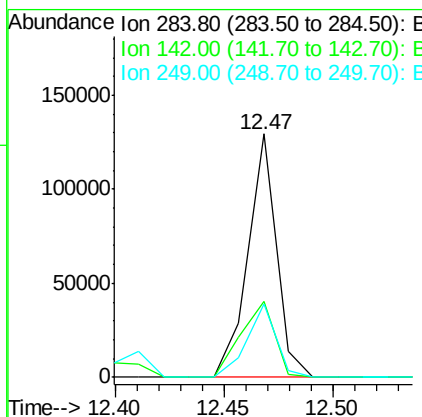
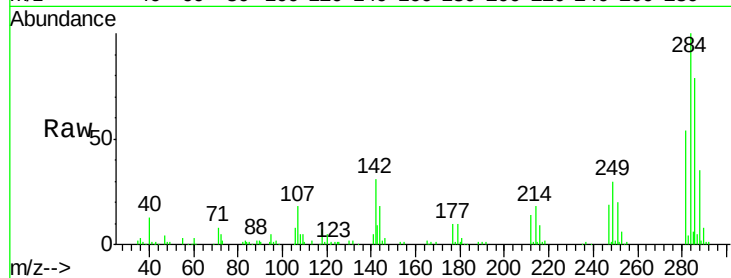




#67
Hexachlorobenzene
Concen: 36.26 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

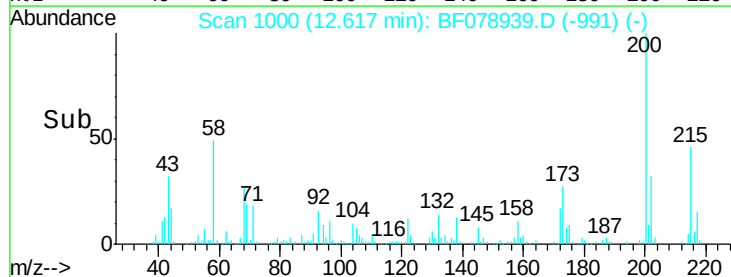
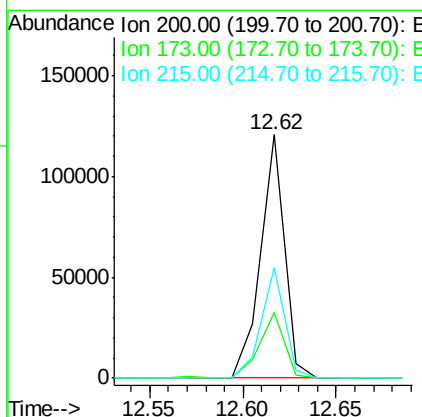
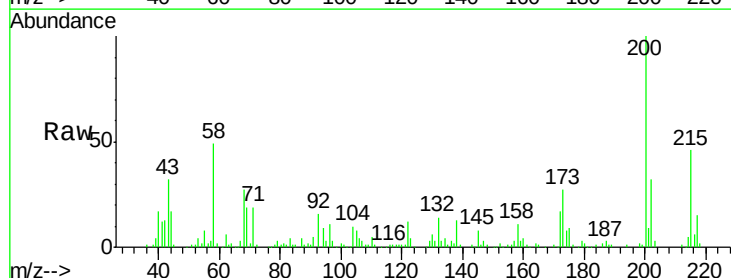
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

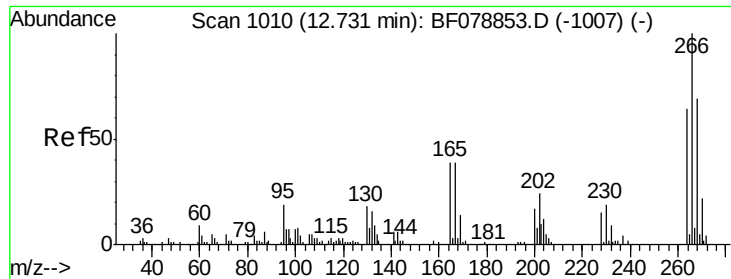
Tot Ion:284 Resp: 118348
Ion Ratio Lower Upper
284 100
142 31.2 35.2 52.8#
249 30.3 25.4 38.2



#68
Atrazine
Concen: 40.19 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:200 Resp: 106625
Ion Ratio Lower Upper
200 100
173 27.1 8.1 48.1
215 45.6 22.9 62.9

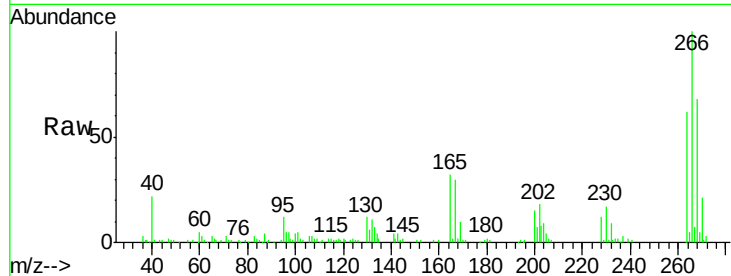




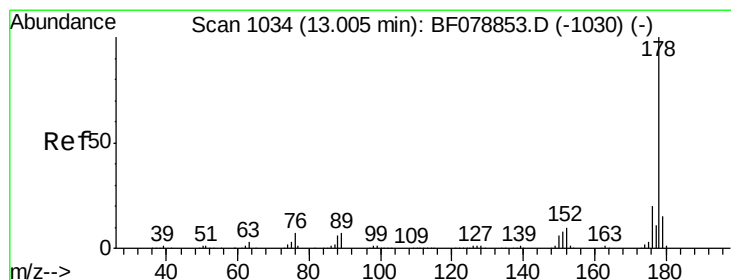
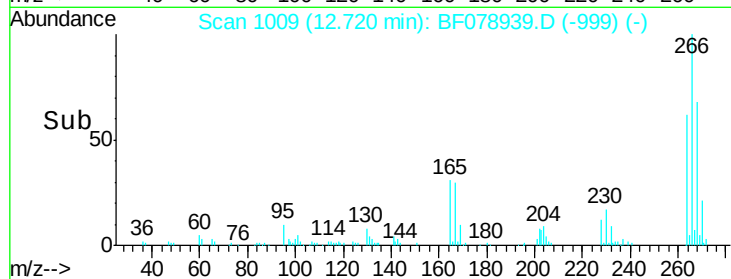
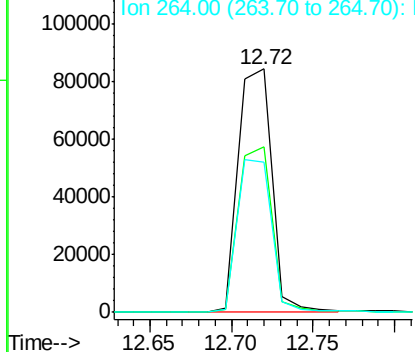
#69
 Pentachlorophenol
 Concen: 64.79 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

Tot Ion:266 Resp: 120986
 Ion Ratio Lower Upper
 266 100
 268 67.9 55.0 82.6
 264 61.8 48.2 72.2

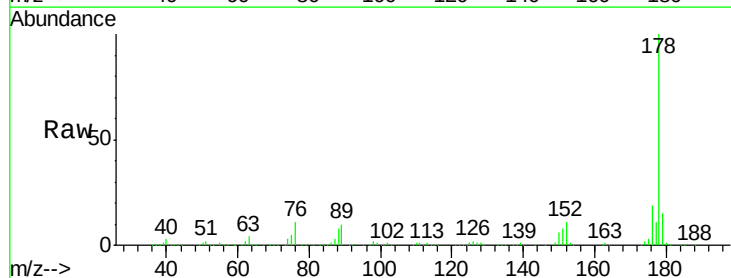


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

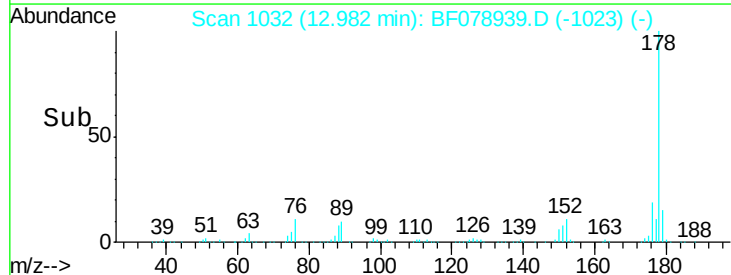
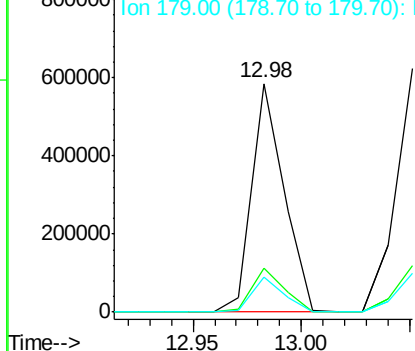


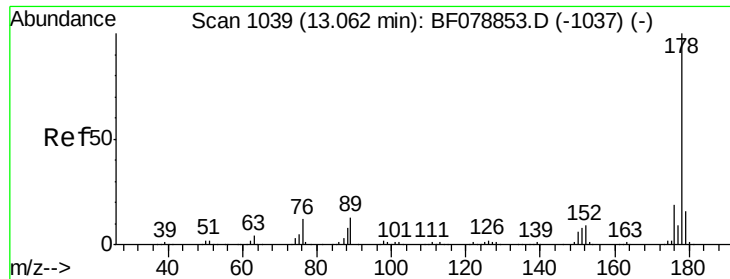
#70
 Phenanthrene
 Concen: 39.49 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:178 Resp: 605160
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 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

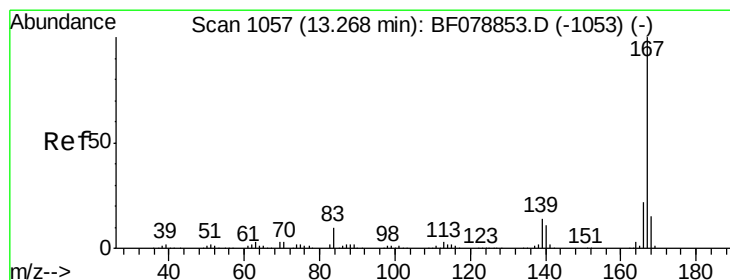
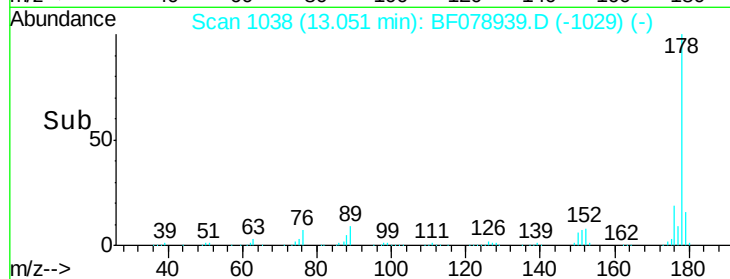
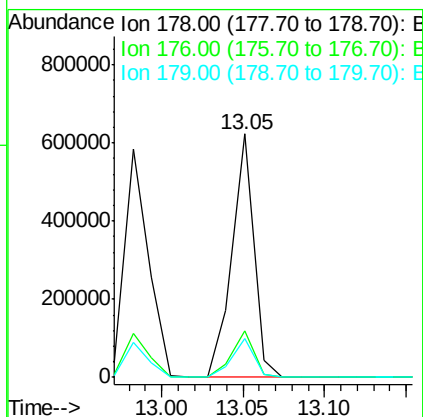
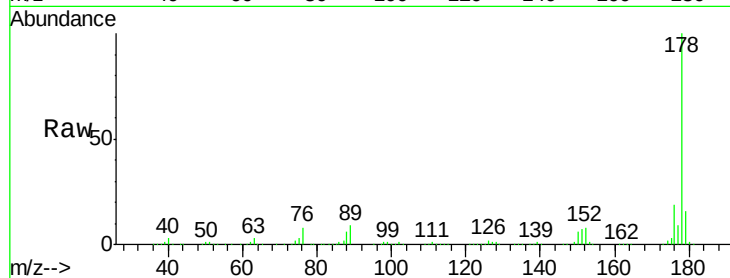




#71
 Anthracene
 Concen: 38.38 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

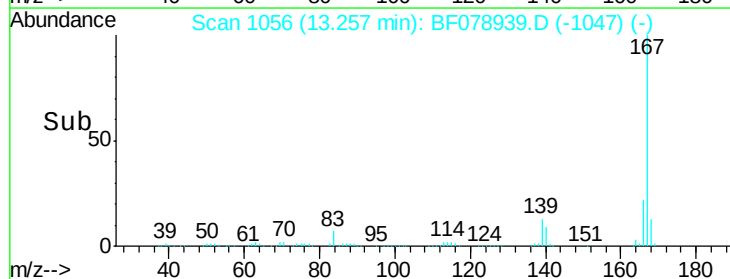
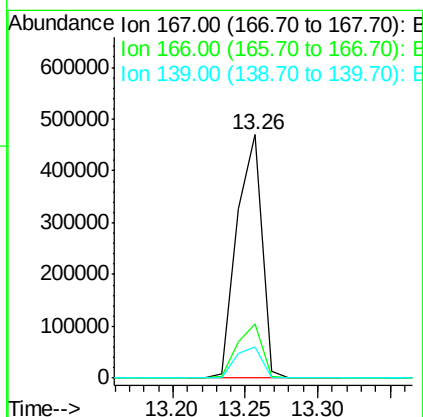
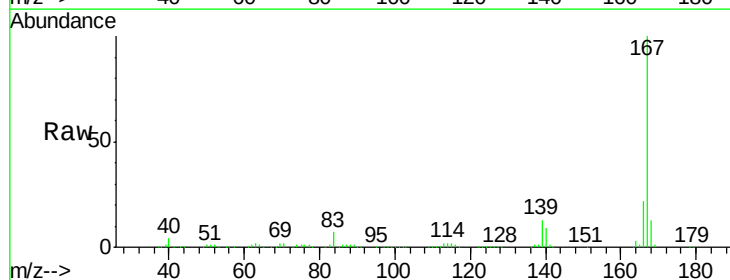
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

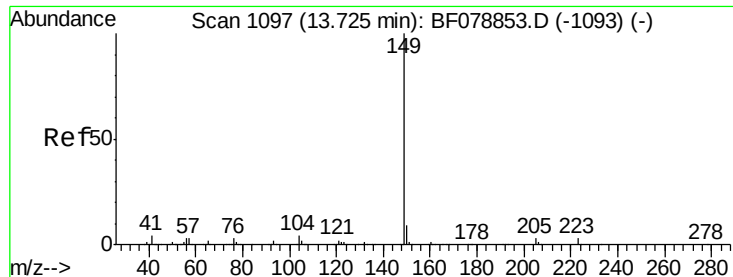
Tot Ion:178 Resp: 577037
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 39.39 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:167 Resp: 564505
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.7 10.6 16.0





#73

Di-n-butylphthalate

Concen: 38.30 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

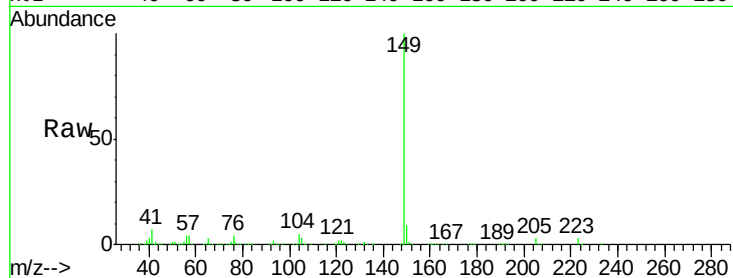
Tot Ion:149 Resp: 658127

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

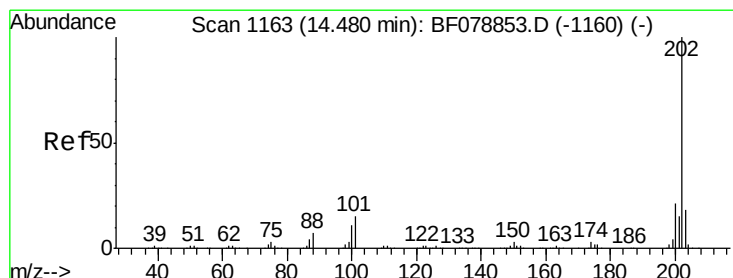
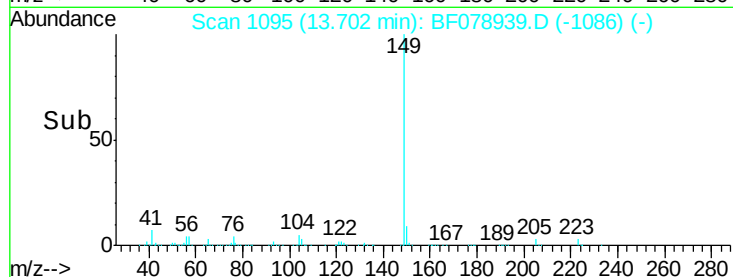
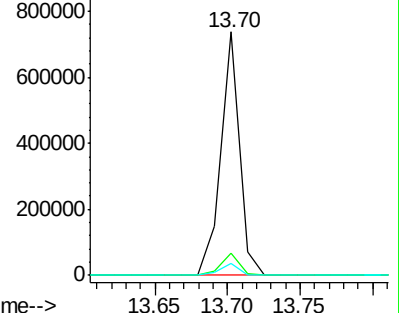
104 4.7 4.6 7.0



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: 44.71 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

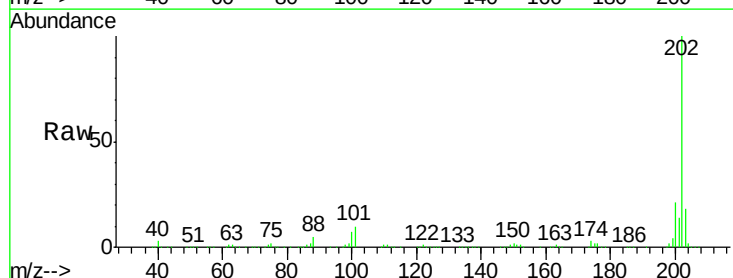
Tgt Ion:202 Resp: 714050

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

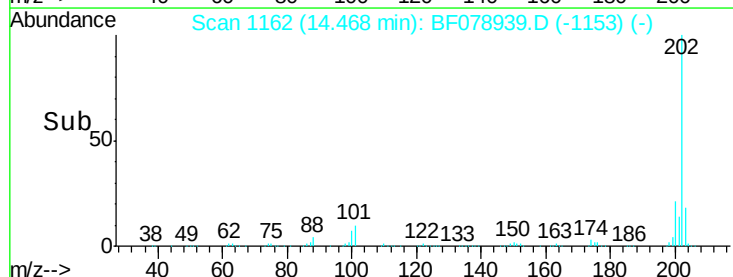
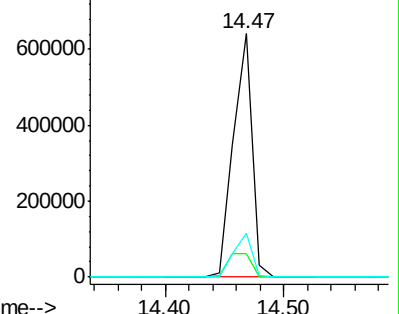
203 17.9 0.0 38.4

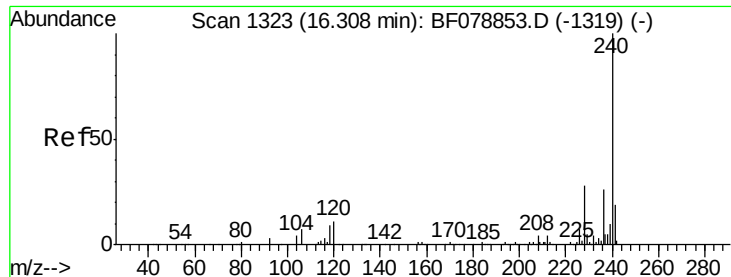


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.25 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

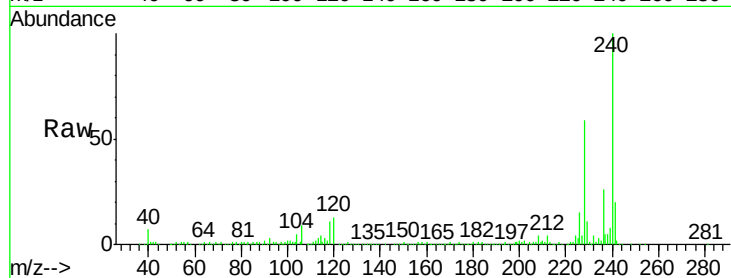
Tot Ion:240 Resp: 291260

Ion Ratio Lower Upper

240 100

120 12.9 9.7 14.5

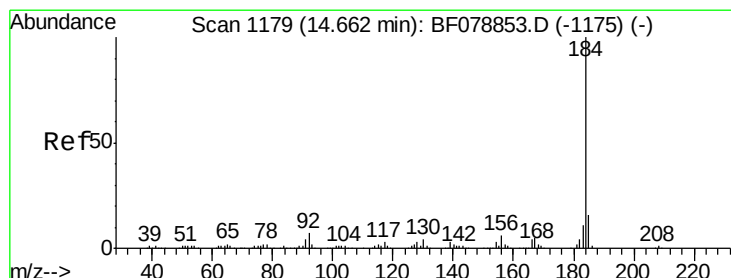
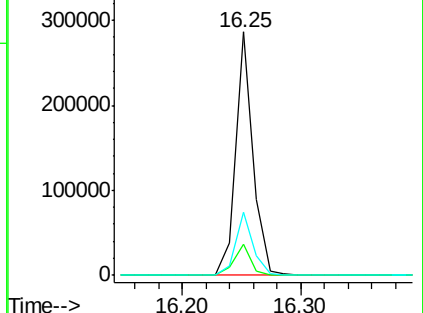
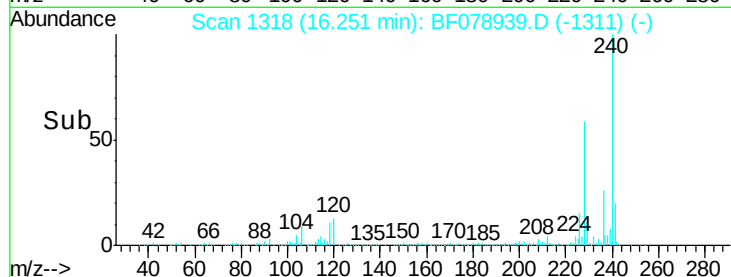
236 26.1 20.2 30.4



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: 40.97 ng

RT: 14.64 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

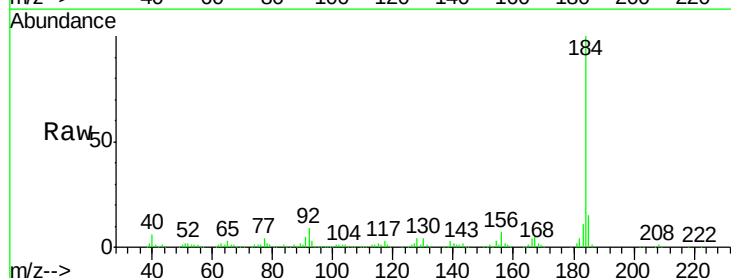
Tgt Ion:184 Resp: 321609

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

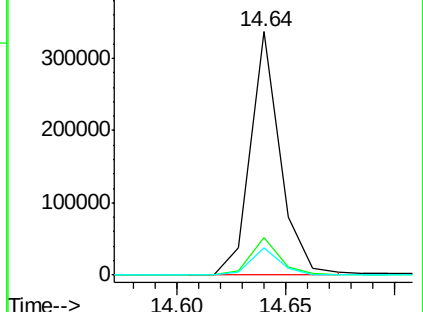
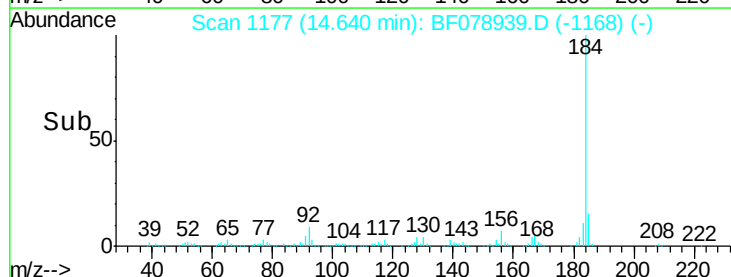
183 11.2 8.4 12.6

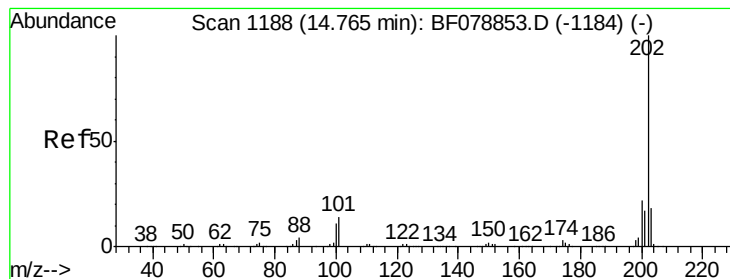


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.63 ng

RT: 14.74 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

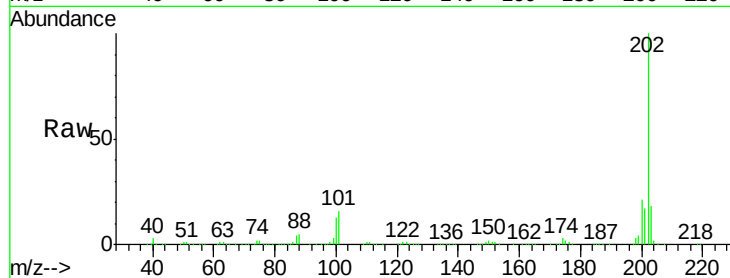
Tot Ion:202 Resp: 732352

Ion Ratio Lower Upper

202 100

200 20.9 17.5 26.3

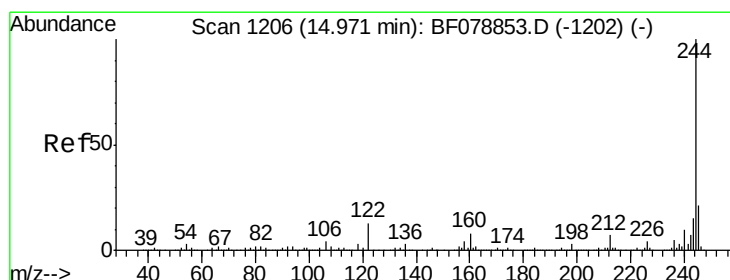
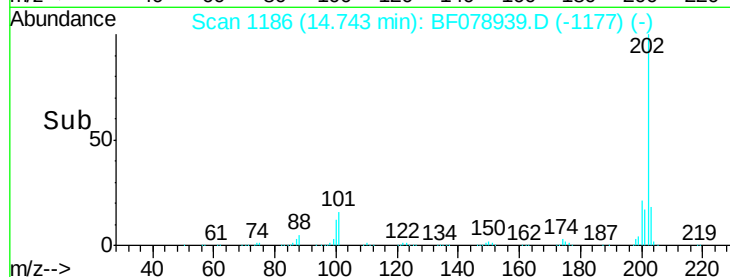
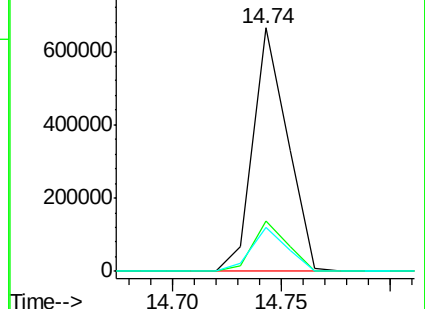
203 18.2 13.9 20.9



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: 71.74 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

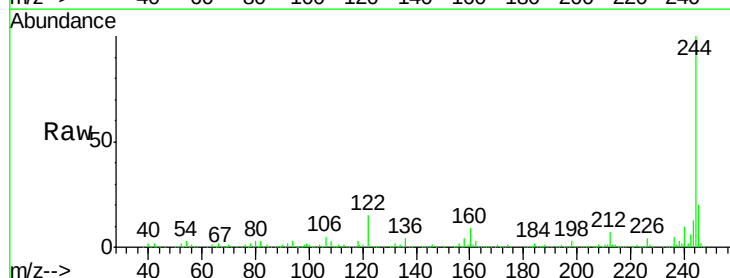
Tgt Ion:244 Resp: 872800

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

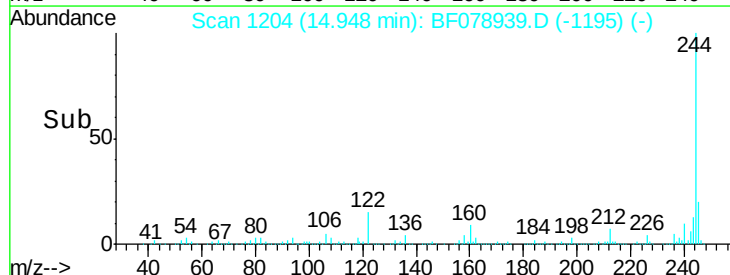
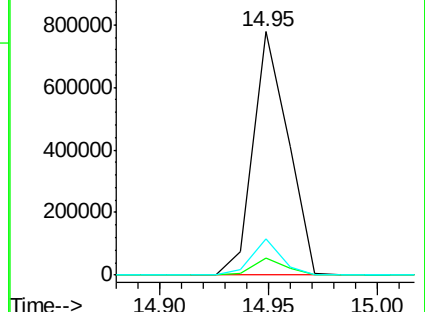
122 14.9 10.3 15.5

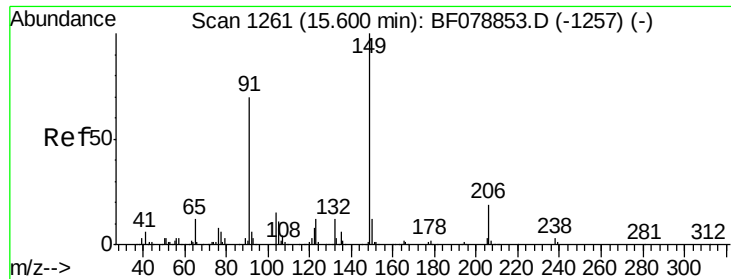


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

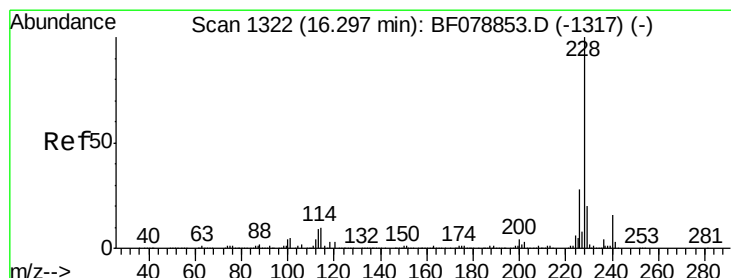
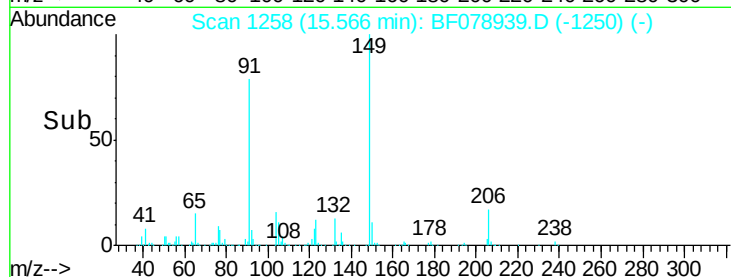
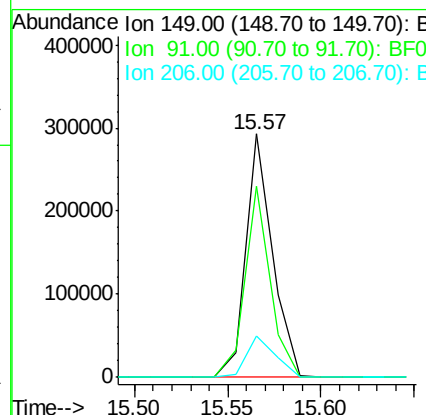
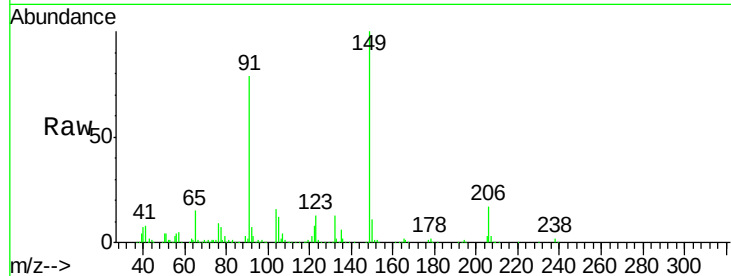




#79
Butylbenzylphthalate
Concen: 39.66 ng
RT: 15.57 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

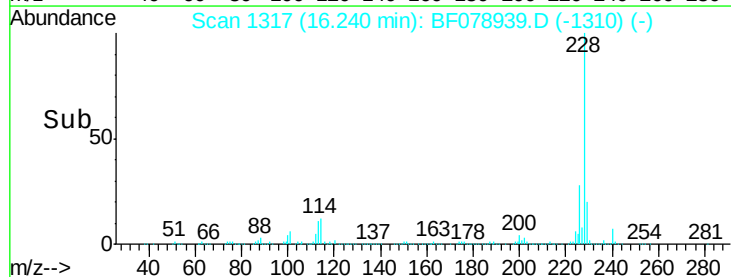
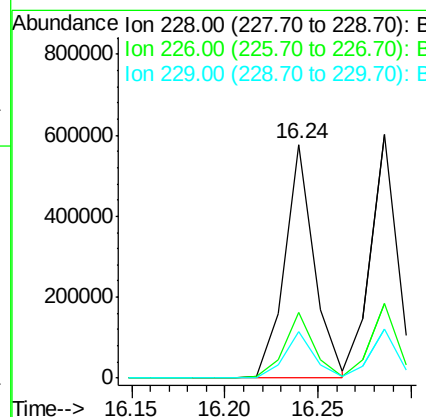
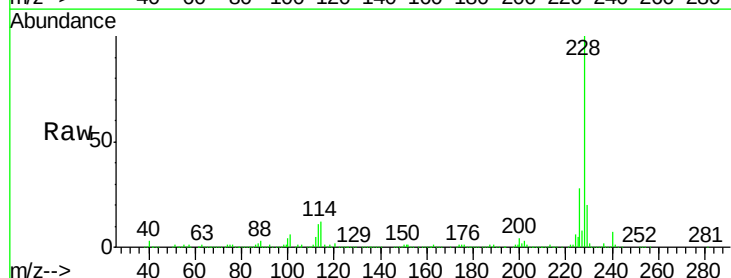
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

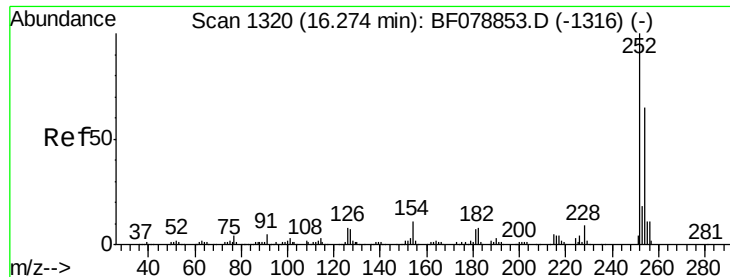
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.6	64.6	97.0
206	16.8	12.2	18.4



#80
Benzo(a)anthracene
Concen: 39.92 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.9	23.9

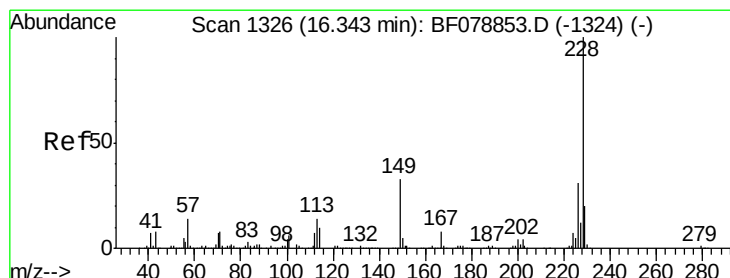
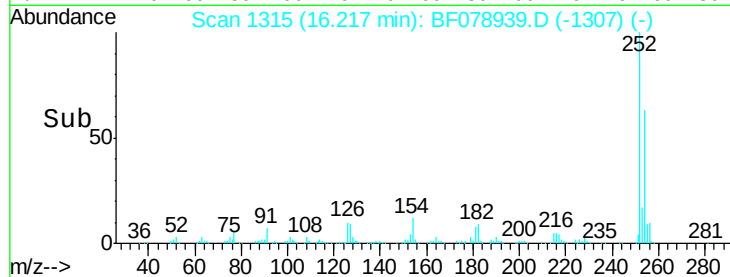
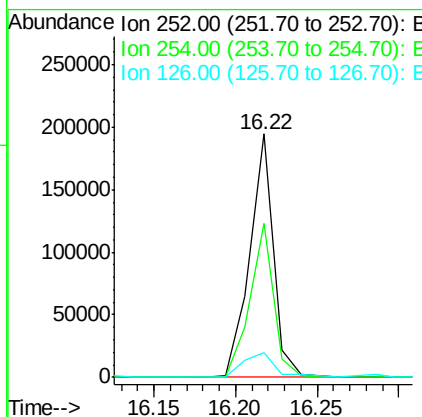
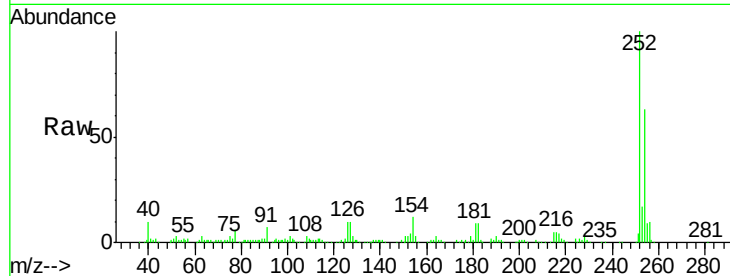




#81
 3,3'-Dichlorobenzidine
 Concen: 34.47 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

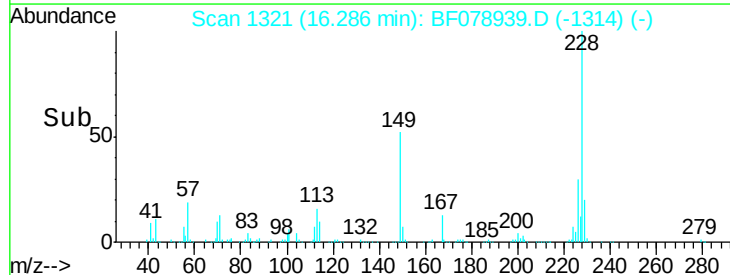
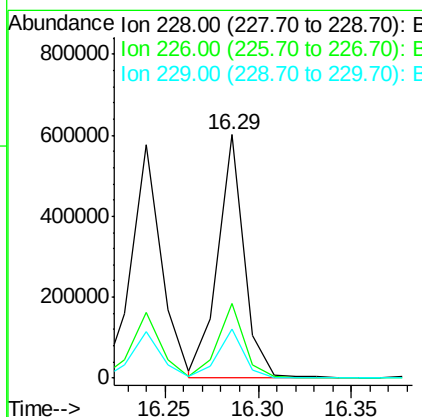
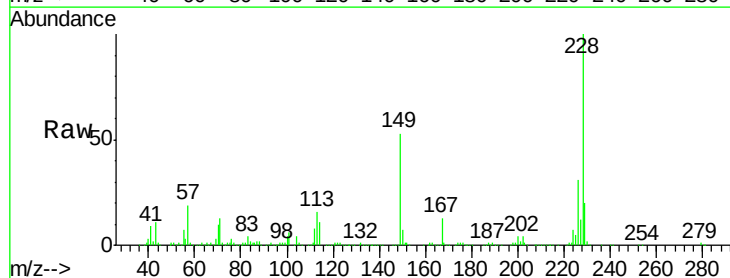
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

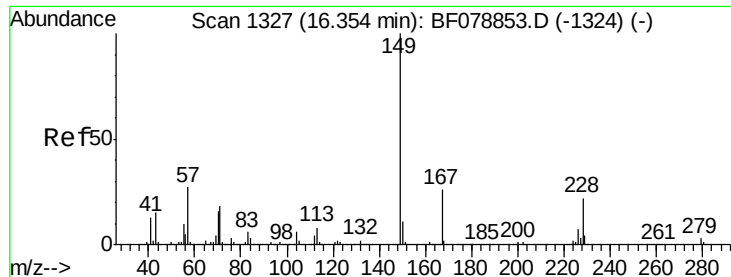
Tot Ion:252 Resp: 195856
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.3 76.9
 126 10.4 6.6 10.0#



#82
 Chrysene
 Concen: 38.57 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion:228 Resp: 591638
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.2 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.88 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

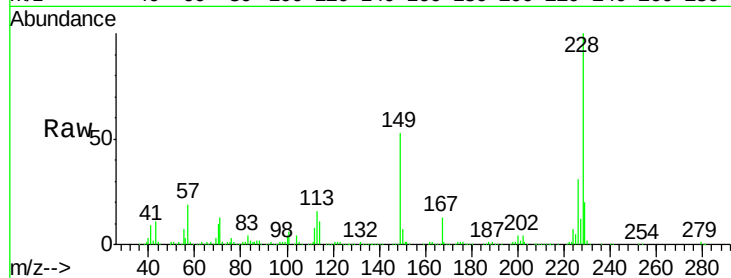
Tot Ion:149 Resp: 443135

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

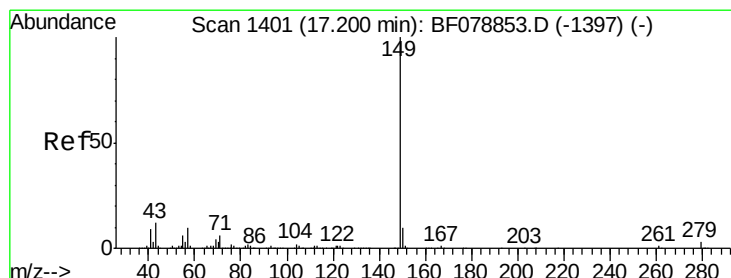
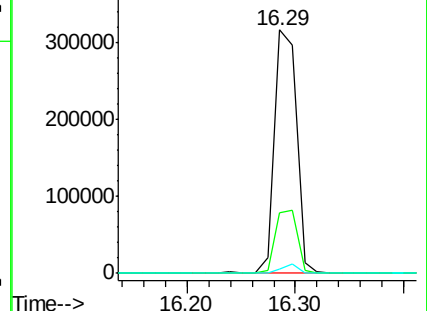
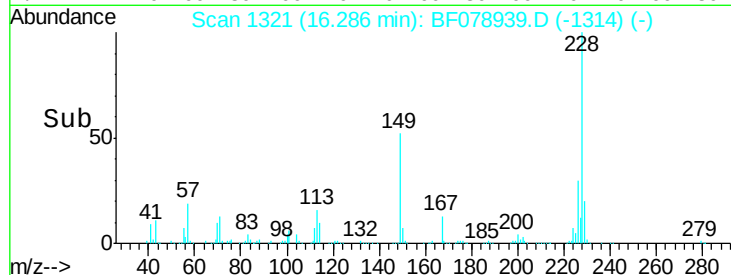
279 1.9 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.07 ng

RT: 17.10 min Scan# 1392

Delta R.T. -0.05 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

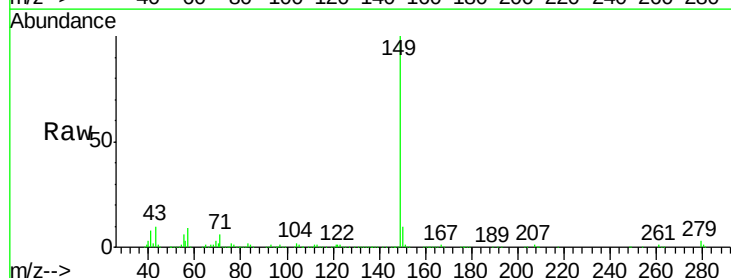
Tgt Ion:149 Resp: 745014

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

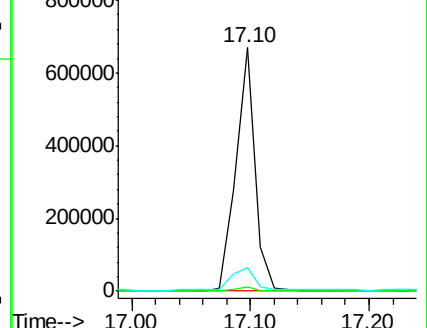
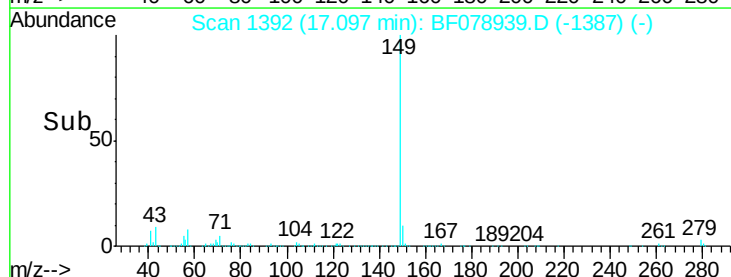
43 10.6 0.0 0.0#

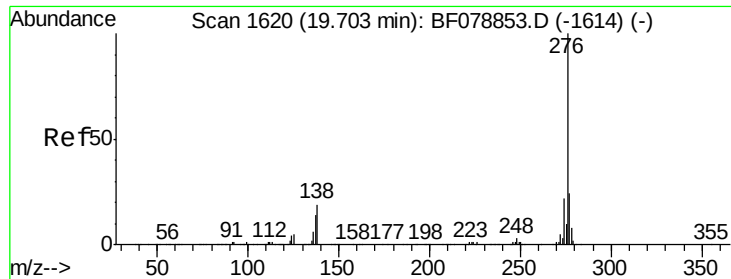


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

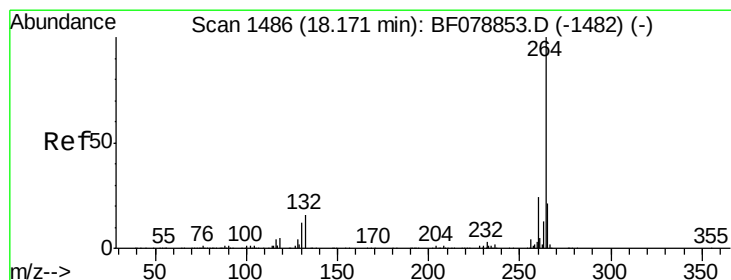
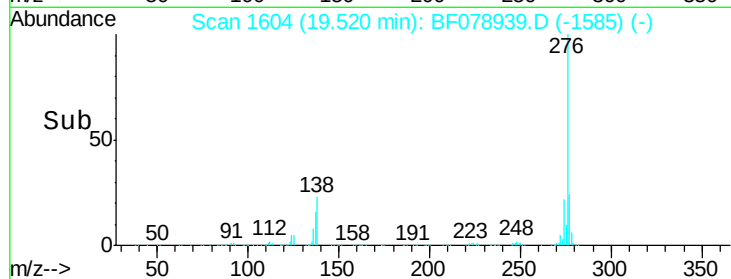
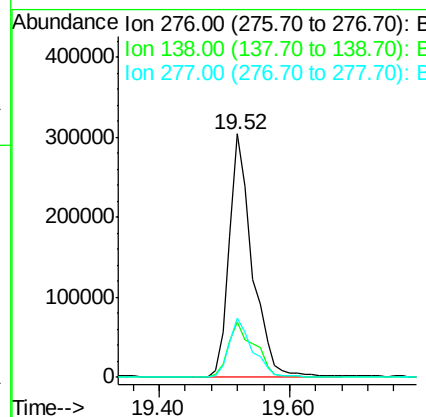
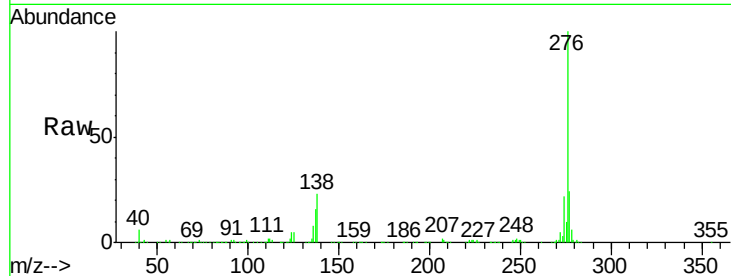




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.35 ng
 RT: 19.52 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

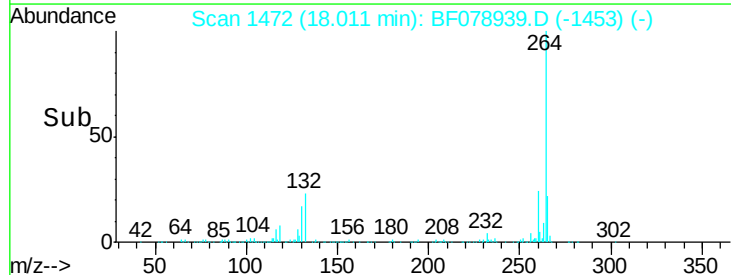
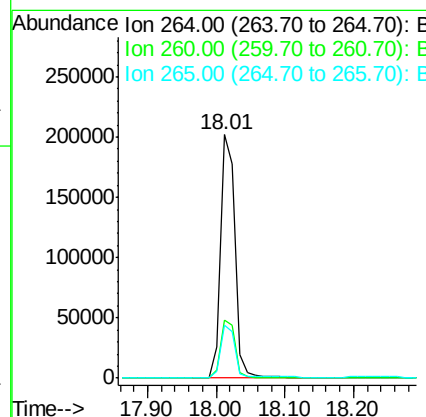
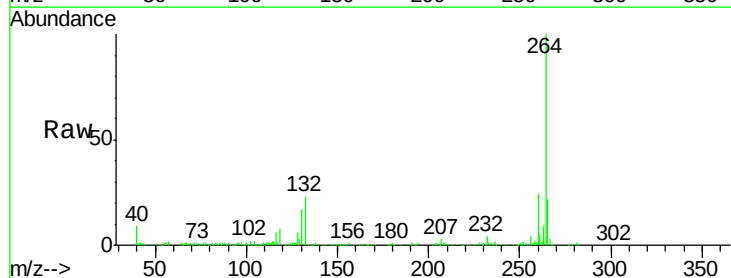
Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6MSD

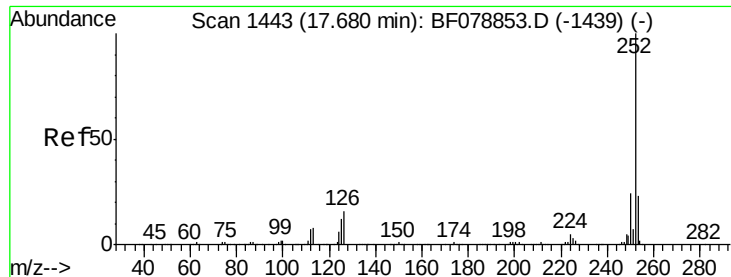
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.08 min
 Lab File: BF078939.D
 Acq: 5 May 2015 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.8	18.3	27.5

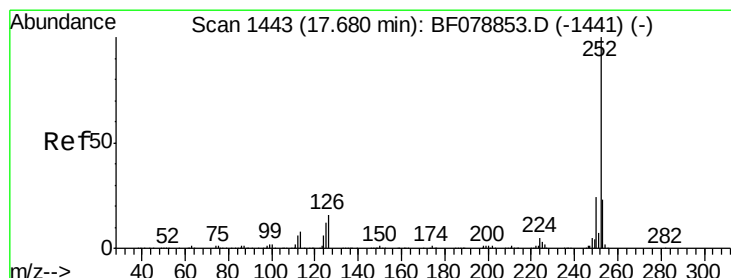
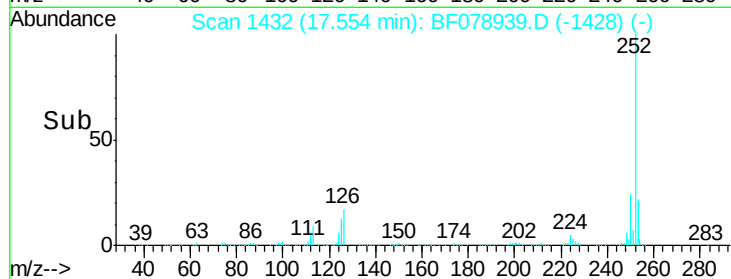
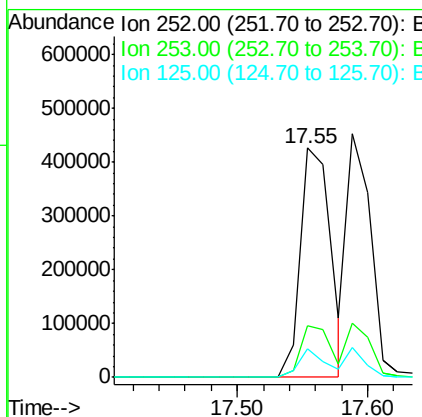
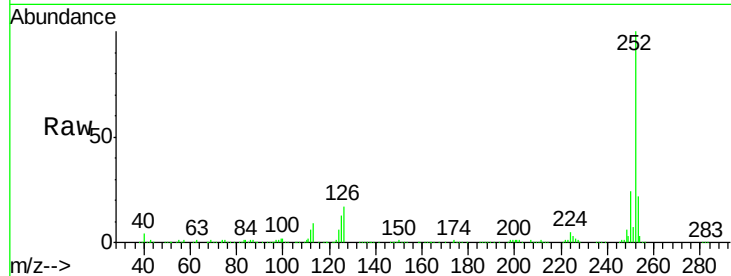




#87
Benzo(b)fluoranthene
Concen: 41.24 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.06 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

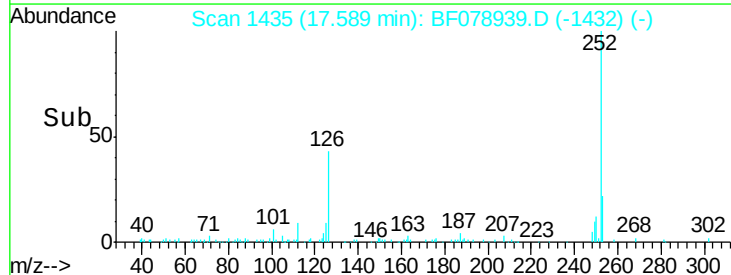
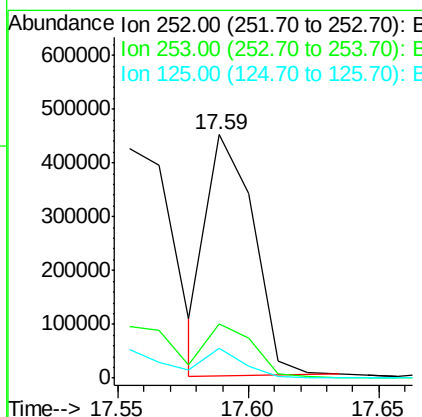
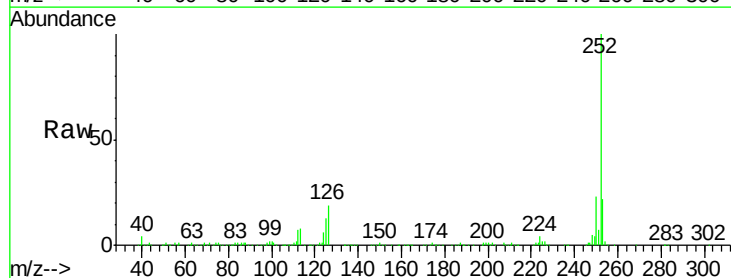
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6MSD

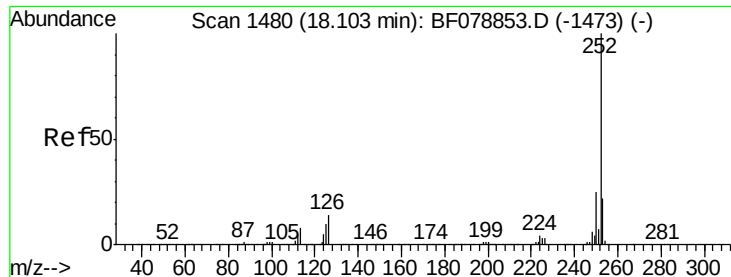
Tot Ion:252 Resp: 682606
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.7 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 35.13 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.07 min
Lab File: BF078939.D
Acq: 5 May 2015 13:58

Tgt Ion:252 Resp: 562807
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.5 10.0 15.0





#89

Benzo(a)pyrene

Concen: 40.80 ng

RT: 17.95 min Scan# 1467

Delta R.T. -0.07 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

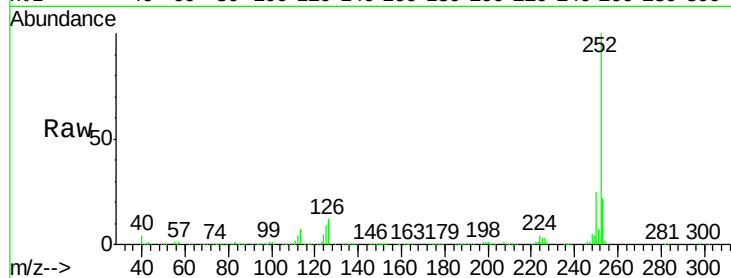
Tot Ion:252 Resp: 621850

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

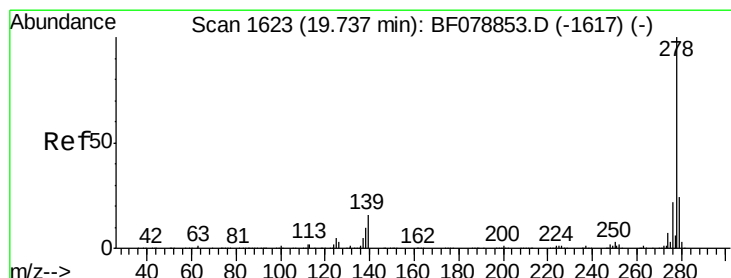
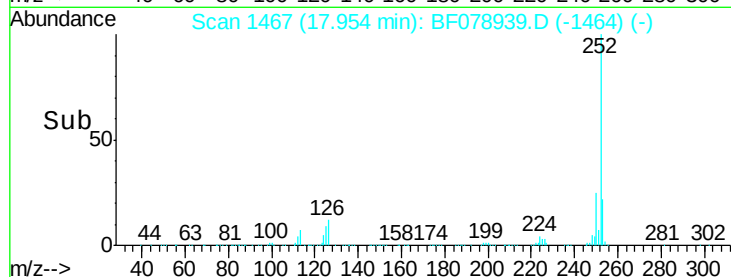
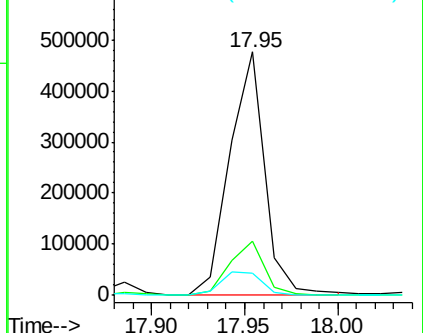
125 9.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.86 ng

RT: 19.55 min Scan# 1607

Delta R.T. -0.08 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

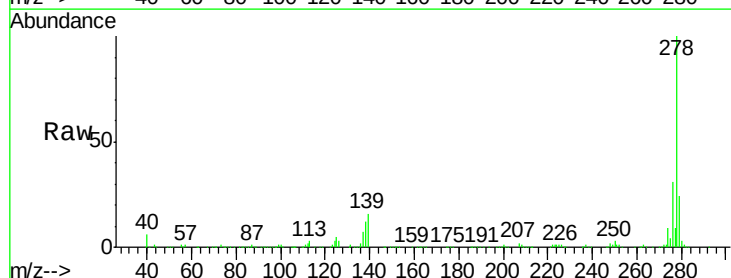
Tgt Ion:278 Resp: 580889

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

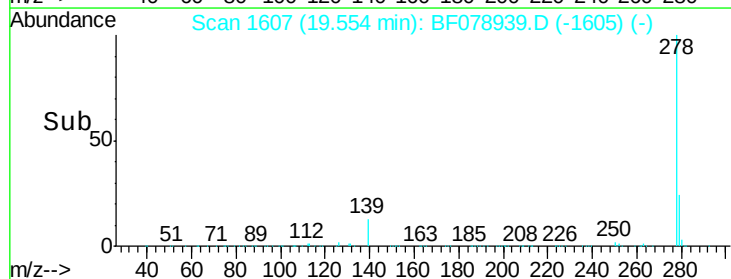
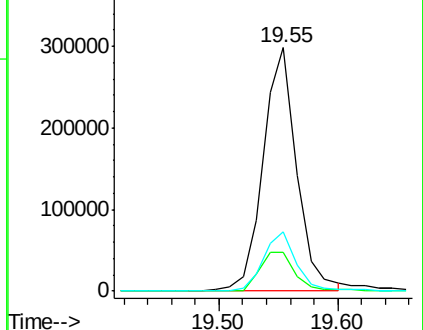
279 24.3 19.6 29.4

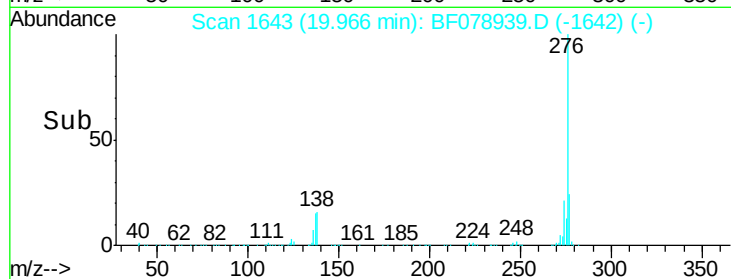
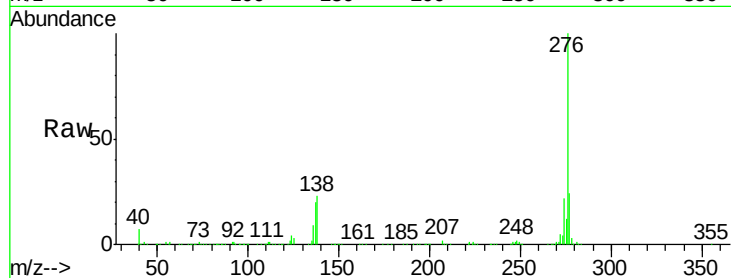
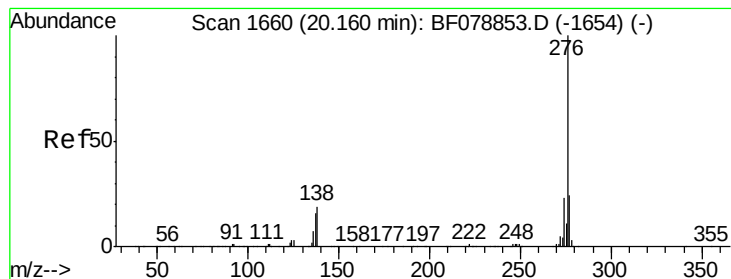


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.27 ng

RT: 19.97 min Scan# 1643

Delta R.T. -0.09 min

Lab File: BF078939.D

Acq: 5 May 2015 13:58

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6MSD

Tot Ion: 276 Resp: 621293

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 22.7 17.4 26.0

