

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF078997.D
 Acq On : 7 May 2015 15:50
 Operator : TP/IZ
 Sample : G2035-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Quant Time: May 08 01:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	80185	20.00	ng	0.01
21) Naphthalene-d8	8.92	136	333469	20.00	ng	0.01
38) Acenaphthene-d10	11.10	164	168111	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	327929	20.00	ng	0.01
75) Chrysene-d12	16.26	240	340309	20.00	ng	-0.01
86) Perylene-d12	18.09	264	344644	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	521473	111.95	ng	0.01
7) Phenol-d6	6.90	99	697149	113.22	ng	0.01
23) Nitrobenzene-d5	8.03	82	413319	71.23	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	200913	110.47	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	719597	59.64	ng	0.00
78) Terphenyl-d14	14.94	244	811444	57.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	45899	22.66	ng	# 33
3) Pyridine	3.08	79	139949	23.61	ng	91
4) n-Nitrosodimethylamine	2.98	42	77367	30.46	ng	84
6) Aniline	6.95	93	191337	22.01	ng	98
8) 2-Chlorophenol	7.07	128	195932	37.08	ng	99
9) Benzaldehyde	6.79	77	16290	3.93	ng	85
10) Phenol	6.92	94	257057	35.99	ng	93
11) bis(2-Chloroethyl)ether	7.03	93	182655	34.88	ng	97
12) 1,3-Dichlorobenzene	7.27	146	200971	33.84	ng	# 92
13) 1,4-Dichlorobenzene	7.36	146	197115	32.25	ng	94
14) 1,2-Dichlorobenzene	7.54	146	195551	34.37	ng	95
15) Benzyl Alcohol	7.52	79	165856	36.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.70	45	288878	36.06	ng	98
17) 2-Methylphenol	7.67	107	164702	38.74	ng	97
18) Hexachloroethane	7.96	117	62288	29.59	ng	91
19) n-Nitroso-di-n-propylamine	7.85	70	143065	34.40	ng	97
20) 3+4-Methylphenols	7.86	107	217260	38.35	ng	# 48
22) Acetophenone	7.85	105	290696	38.58	ng	96
24) Nitrobenzene	8.06	77	212451	36.94	ng	94
25) Isophorone	8.35	82	375313	34.89	ng	99
26) 2-Nitrophenol	8.44	139	90441	37.99	ng	# 72
27) 2,4-Dimethylphenol	8.51	122	189571	39.80	ng	95
28) bis(2-Chloroethoxy)methane	8.63	93	235380	35.50	ng	98
29) 2,4-Dichlorophenol	8.75	162	164177	38.76	ng	94
30) 1,2,4-Trichlorobenzene	8.86	180	167849	36.07	ng	97
31) Naphthalene	8.95	128	592267	37.27	ng	99
32) Benzoic acid	8.62	122	114493	39.64	ng	99
33) 4-Chloroaniline	9.02	127	161601	24.04	ng	97
34) Hexachlorobutadiene	9.10	225	92525	34.53	ng	97
35) Caprolactam	9.45	113	54355	39.68	ng	# 82
36) 4-Chloro-3-methylphenol	9.62	107	184267	41.42	ng	95
37) 2-Methylnaphthalene	9.80	142	419690	38.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	166255	35.11	ng	# 100
40) Hexachlorocyclopentadiene	10.00	237	19585	8.23	ng	97

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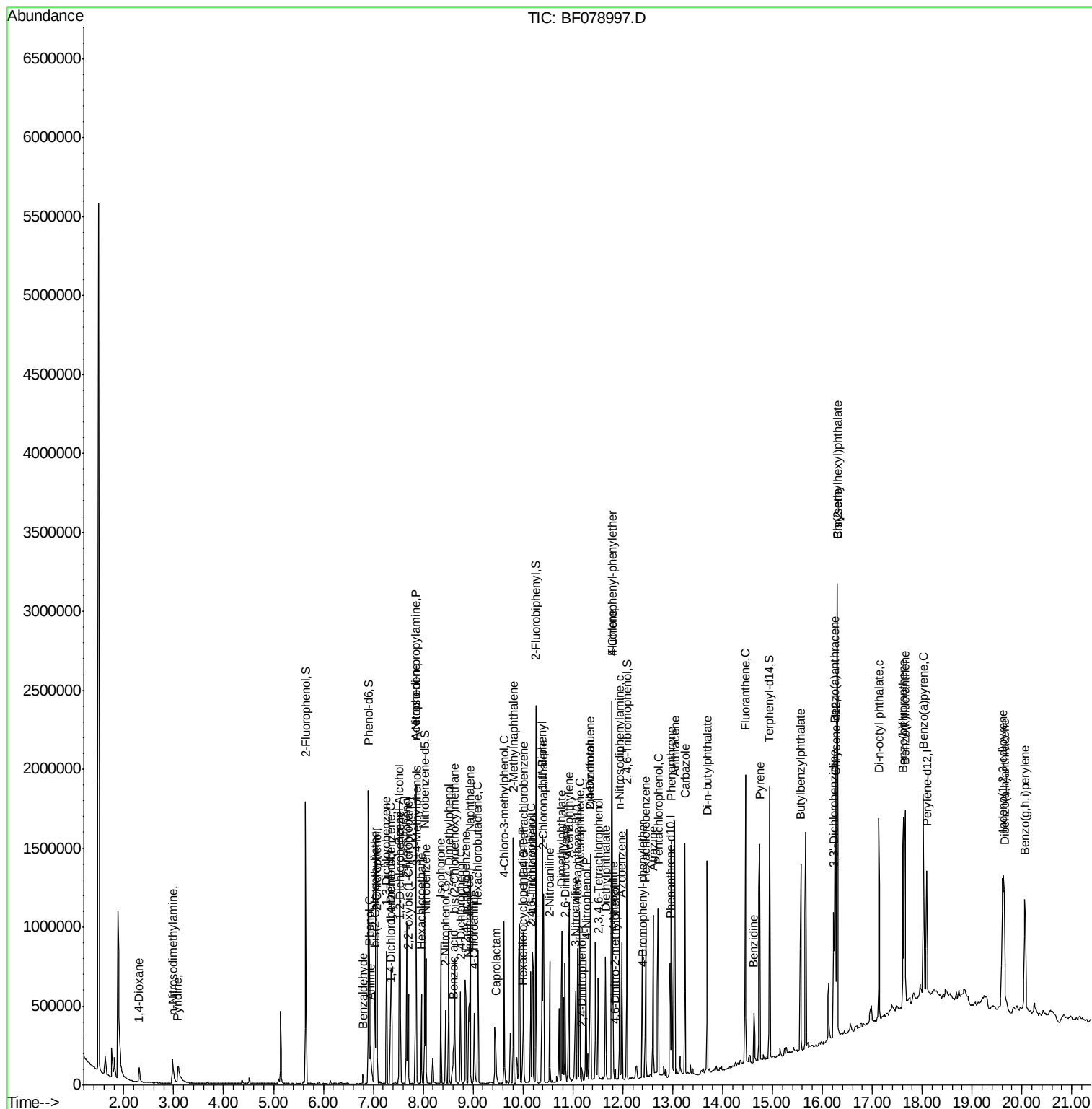
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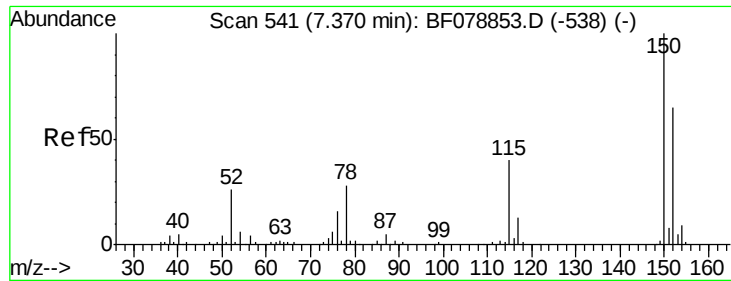
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	116577	35.81	nq	98
43) 2,4,5-Trichlorophenol	10.20	196	123635	37.57	nq	# 91
45) 1,1'-Biphenyl	10.39	154	490721	36.72	nq	97
46) 2-Chloronaphthalene	10.41	162	370899	35.58	nq	96
47) 2-Nitroaniline	10.54	65	119902	39.70	nq	95
48) Acenaphthylene	10.92	152	604456	35.32	nq	99
49) Dimethylphthalate	10.78	163	465023	37.69	nq	100
50) 2,6-Dinitrotoluene	10.84	165	85785	35.23	nq	89
51) Acenaphthene	11.14	154	344693	33.77	nq	100
52) 3-Nitroaniline	11.05	138	97611	32.09	nq	# 97
53) 2,4-Dinitrophenol	11.19	184	11864	22.70	nq	# 73
54) Dibenzofuran	11.35	168	529371	35.91	nq	96
55) 4-Nitrophenol	11.27	139	181399	75.35	nq	87
56) 2,4-Dinitrotoluene	11.35	165	117686	36.56	nq	# 72
57) Fluorene	11.78	166	432391	35.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.51	232	98361	36.58	nq	# 100
59) Diethylphthalate	11.66	149	420444	34.40	nq	98
60) 4-Chlorophenyl-phenylether	11.78	204	182536	34.00	nq	92
61) 4-Nitroaniline	11.81	138	105467	34.66	nq	92
62) Azobenzene	11.98	77	428368	35.57	nq	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	11359	12.29	nq	# 78
65) n-Nitrosodiphenylamine	11.93	169	364133	33.34	nq	98
66) 4-Bromophenyl-phenylether	12.40	248	116594	34.11	nq	# 85
67) Hexachlorobenzene	12.46	284	131131	33.57	nq	# 91
68) Atrazine	12.61	200	108571	34.19	nq	100
69) Pentachlorophenol	12.71	266	137594	61.89	nq	97
70) Phenanthrene	12.97	178	645862	35.21	nq	100
71) Anthracene	13.04	178	644672	35.82	nq	100
72) Carbazole	13.25	167	633894	36.95	nq	99
73) Di-n-butylphthalate	13.69	149	716023	34.81	nq	99
74) Fluoranthene	14.46	202	752089	39.34	nq	98
76) Benzidine	14.63	184	142898	15.58	nq	98
77) Pyrene	14.74	202	770671	39.30	nq	99
79) Butylbenzylphthalate	15.57	149	339568	39.61	nq	# 86
80) Benzo(a)anthracene	16.25	228	711016	38.15	nq	99
81) 3,3'-Dichlorobenzidine	16.23	252	230484	34.72	nq	100
82) Chrysene	16.30	228	645994	36.04	nq	99
83) Bis(2-ethylhexyl)phthalate	16.30	149	467503	36.01	nq	# 97
84) Di-n-octyl phthalate	17.13	149	845353	36.97	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.61	276	766423	33.56	nq	# 100
87) Benzo(b)fluoranthene	17.62	252	748930	39.70	nq	# 97
88) Benzo(k)fluoranthene	17.66	252	682983	37.40	nq	# 96
89) Benzo(a)pyrene	18.02	252	684136	39.39	nq	# 94
90) Dibenzo(a,h)anthracene	19.65	278	603937	32.72	nq	100
91) Benzo(g,h,i)perylene	20.06	276	629753	34.04	nq	96

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

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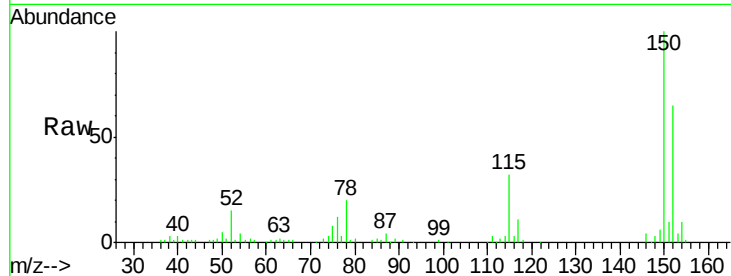


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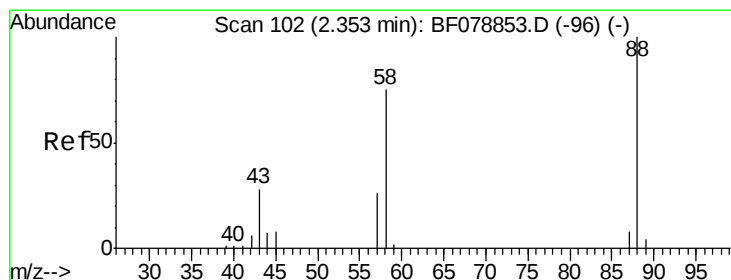
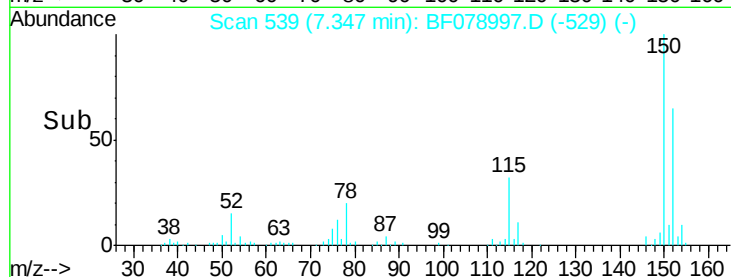
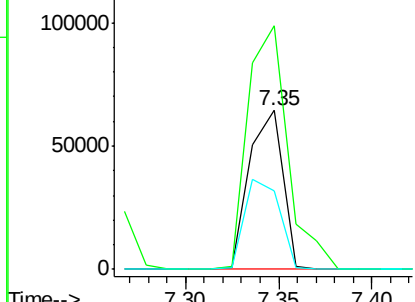
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tot Ion:152 Resp: 80185
Ion Ratio Lower Upper
152 100
150 153.3 122.0 183.0
115 49.5 46.3 69.5



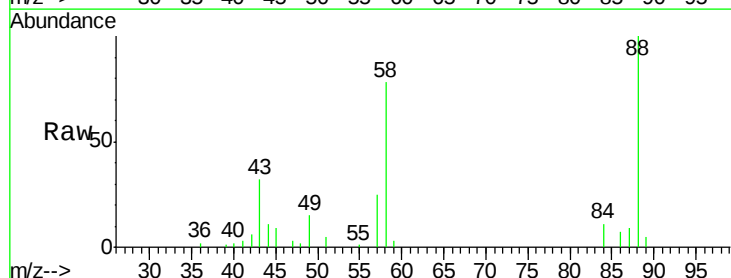
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



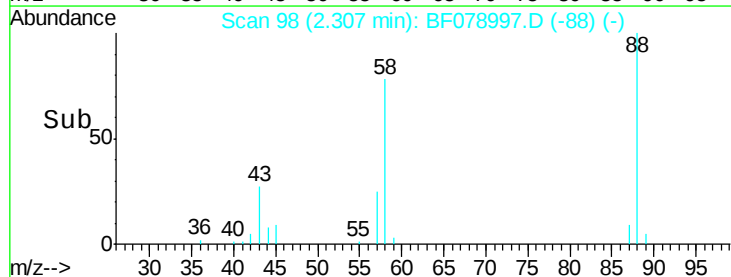
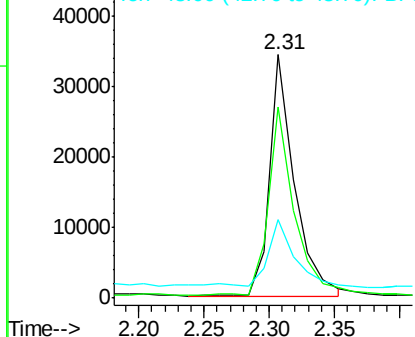
#2

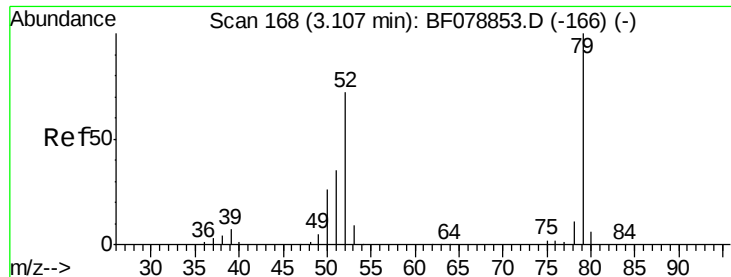
1,4-Dioxane
Concen: 22.66 ng
RT: 2.31 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion: 88 Resp: 45899
Ion Ratio Lower Upper
88 100
58 80.1 0.0 0.0#
43 26.1 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: 23.61 ng

RT: 3.08 min Scan# 166

Delta R.T. 0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

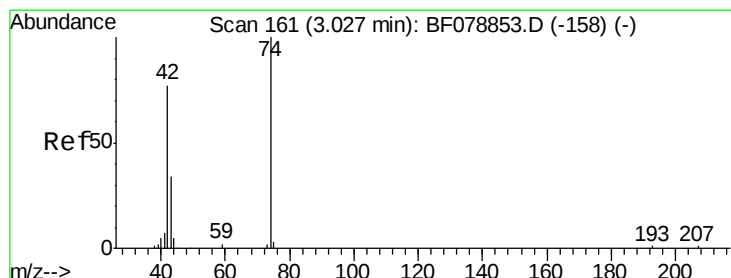
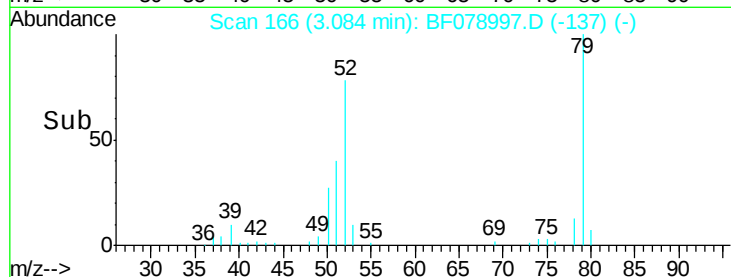
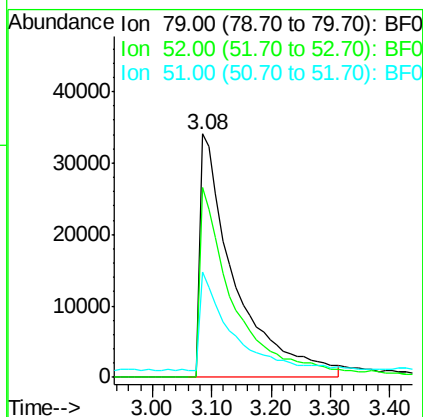
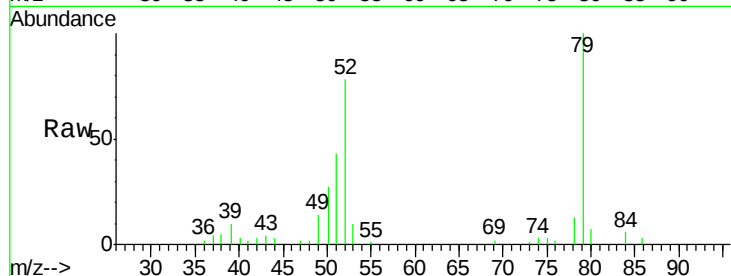
Tot Ion: 79 Resp: 139949

Ion Ratio Lower Upper

79 100

52 77.8 57.2 85.8

51 43.1 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 30.46 ng

RT: 2.98 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

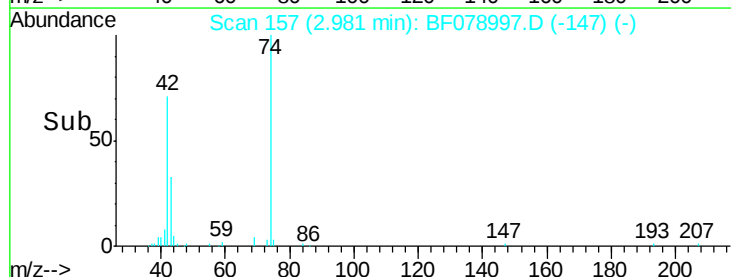
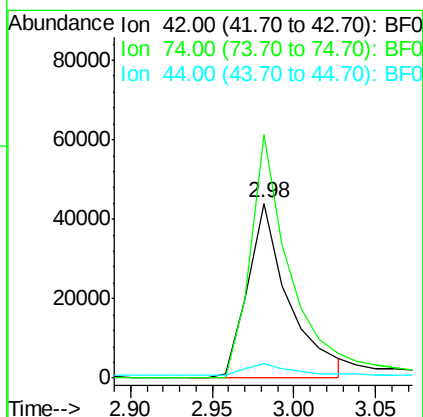
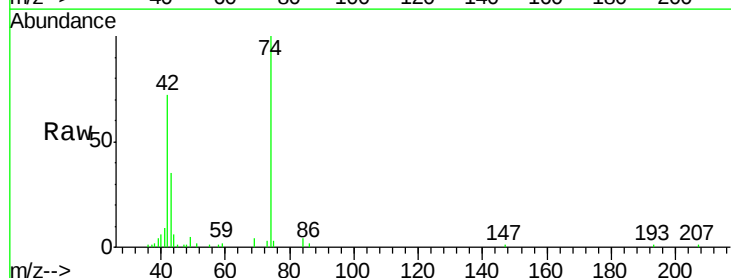
Tgt Ion: 42 Resp: 77367

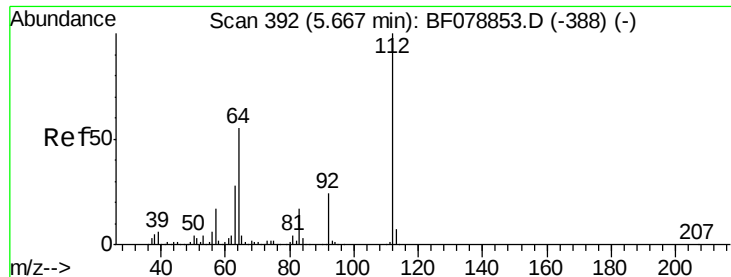
Ion Ratio Lower Upper

42 100

74 139.4 96.5 144.7

44 8.3 6.1 9.1





#5

2-Fluorophenol

Concen: 111.95 ng

RT: 5.64 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

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TP-3-D2MSD

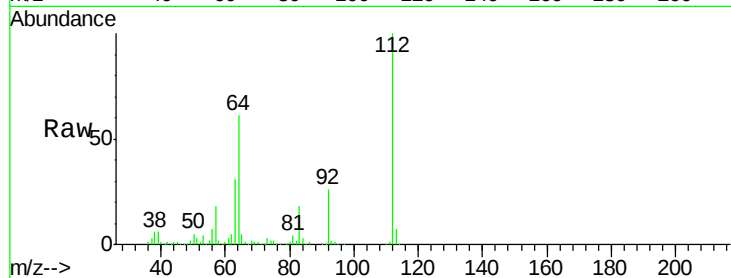
Tot Ion:112 Resp: 521473

Ion Ratio Lower Upper

112 100

64 61.4 53.5 80.3

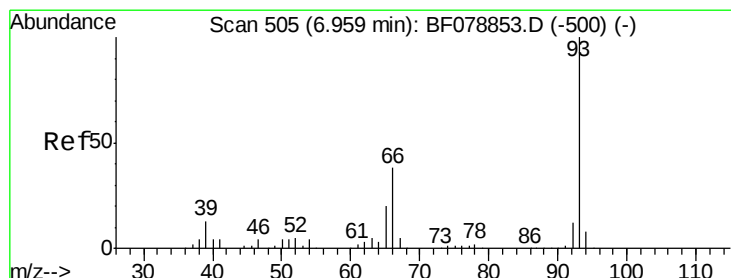
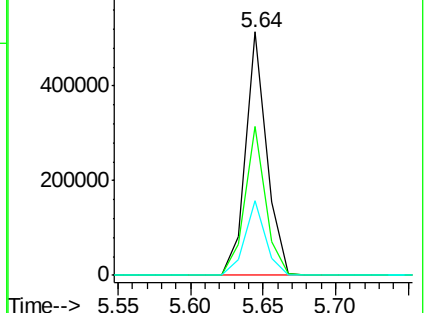
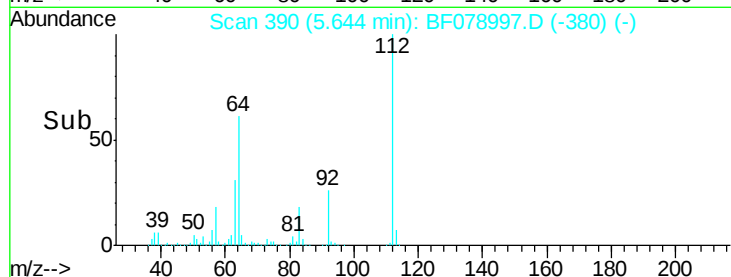
63 30.6 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.01 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.02 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

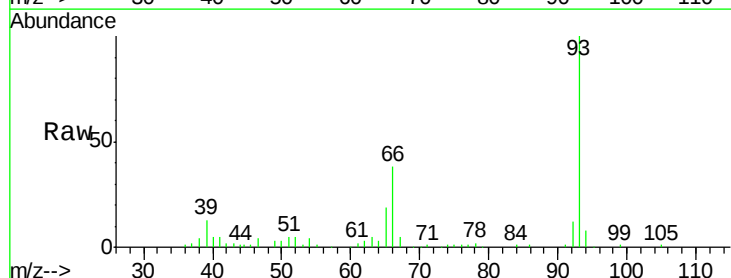
Tgt Ion: 93 Resp: 191337

Ion Ratio Lower Upper

93 100

66 38.1 29.7 44.5

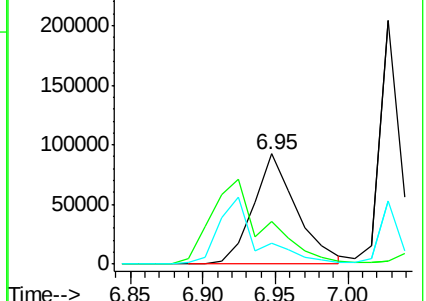
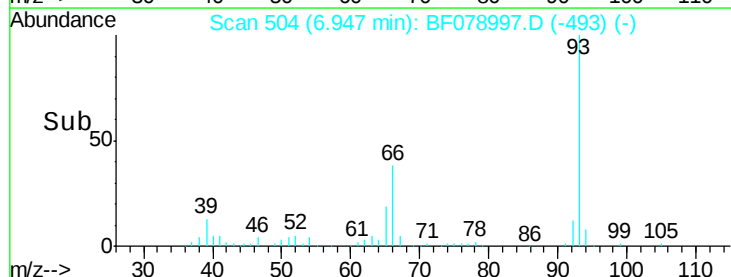
65 19.2 14.6 22.0

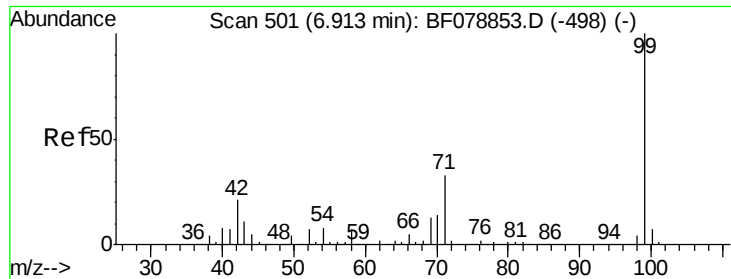


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

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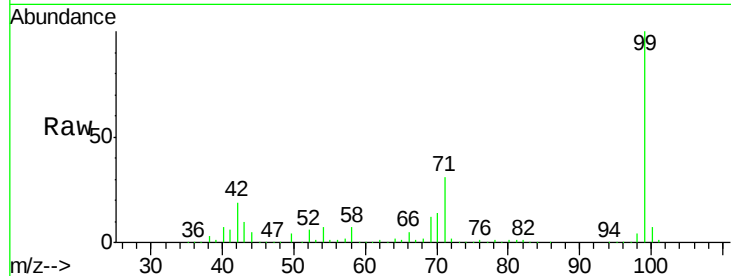
Tot Ion: 99 Resp: 697149

Ion Ratio Lower Upper

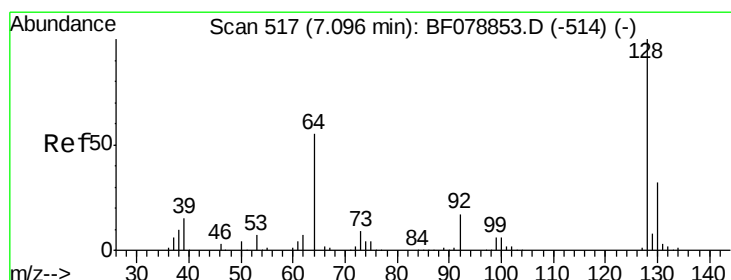
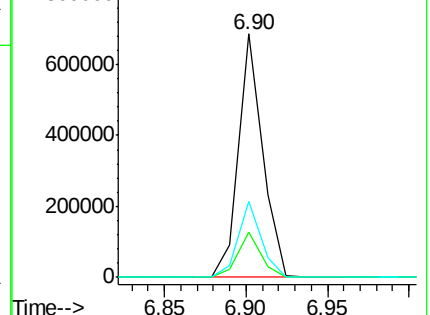
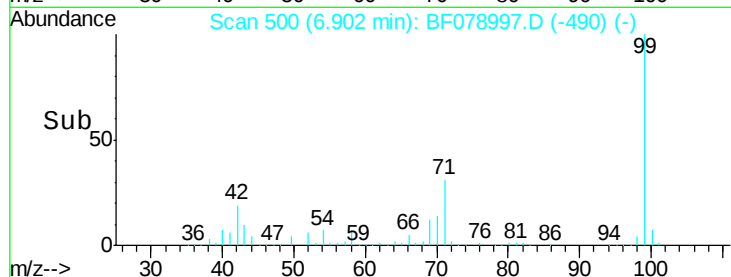
99 100

42 18.8 12.8 19.2

71 31.1 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: 37.08 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

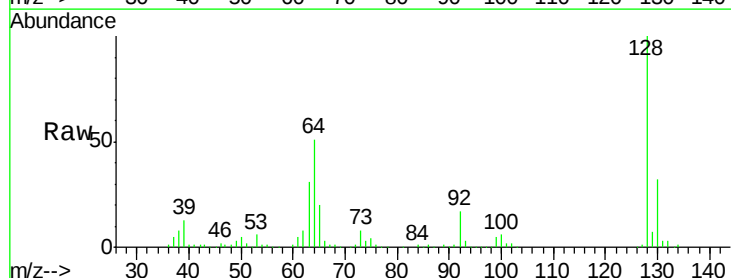
Tgt Ion: 128 Resp: 195932

Ion Ratio Lower Upper

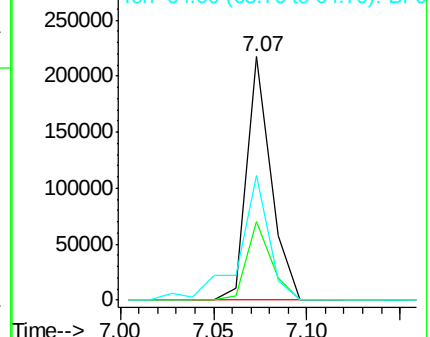
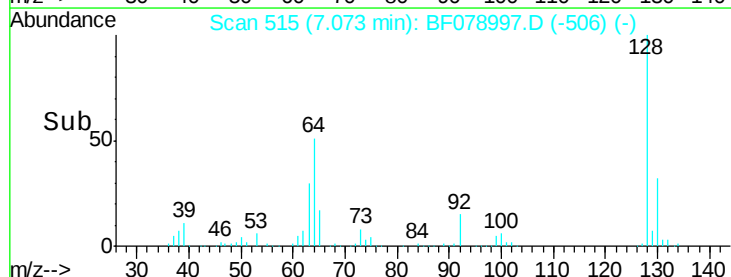
128 100

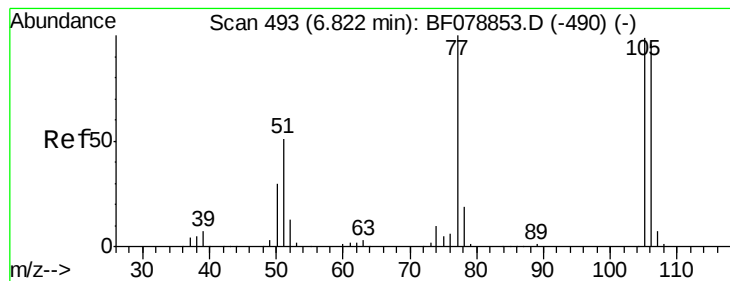
130 32.2 12.1 52.1

64 51.0 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: 3.93 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

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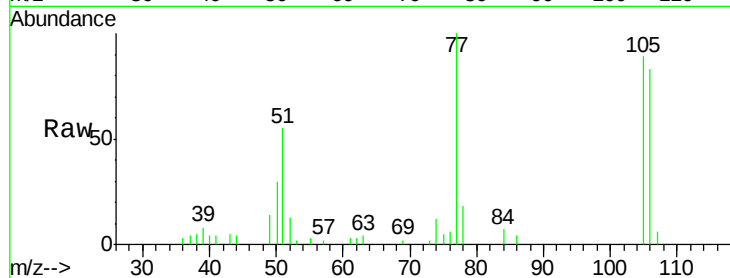
Tot Ion: 77 Resp: 16290

Ion Ratio Lower Upper

77 100

105 88.9 81.7 121.7

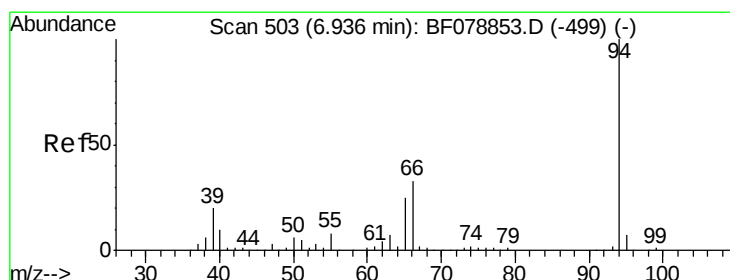
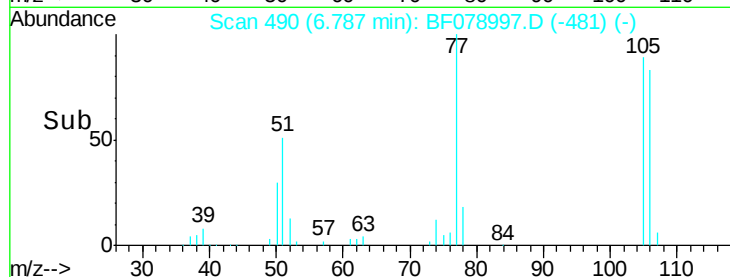
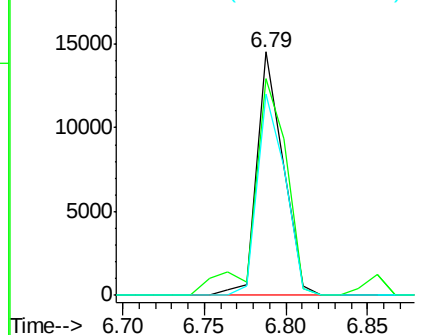
106 82.6 79.0 119.0



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: 35.99 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

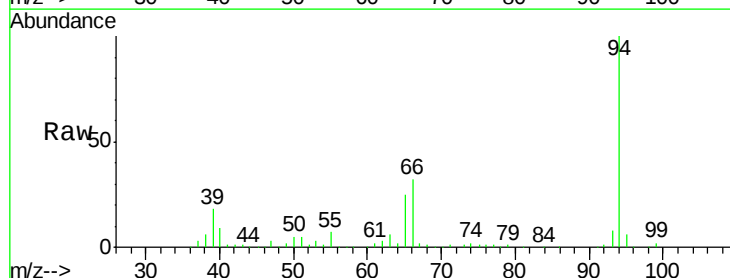
Tgt Ion: 94 Resp: 257057

Ion Ratio Lower Upper

94 100

65 25.0 8.5 48.5

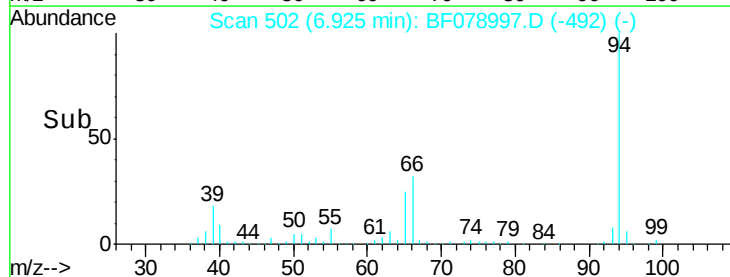
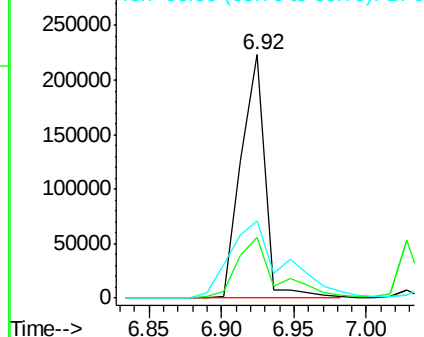
66 31.7 16.0 56.0

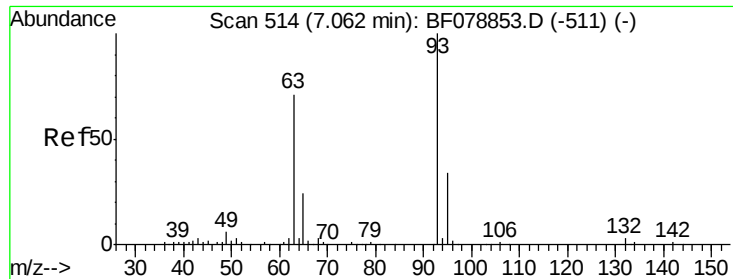


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.88 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

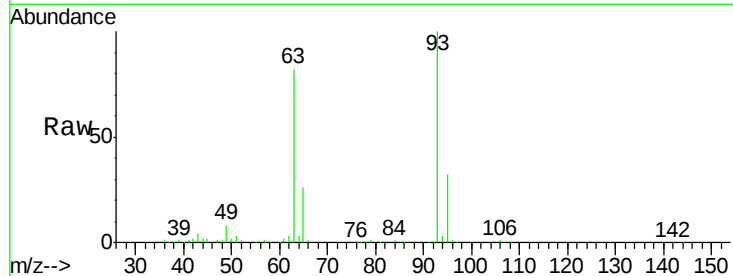
Tot Ion: 93 Resp: 182655

Ion Ratio Lower Upper

93 100

63 81.8 64.8 104.8

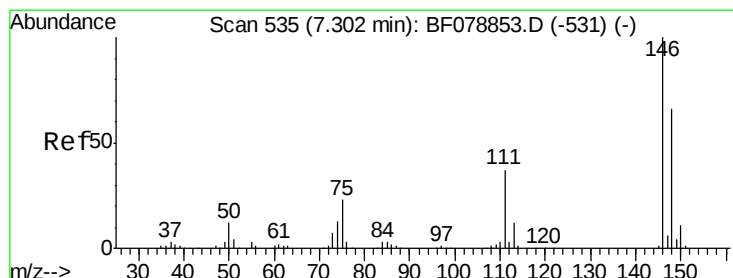
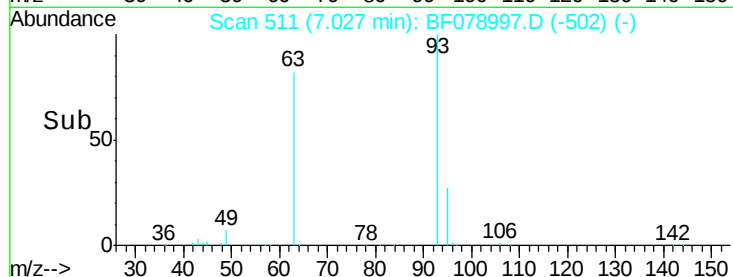
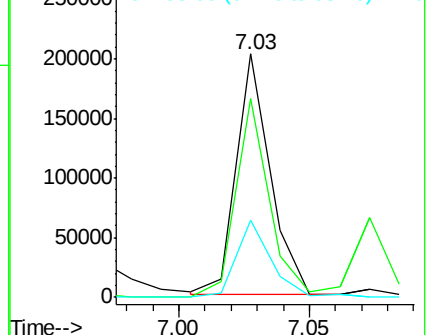
95 31.8 12.4 52.4



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: 33.84 ng

RT: 7.27 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

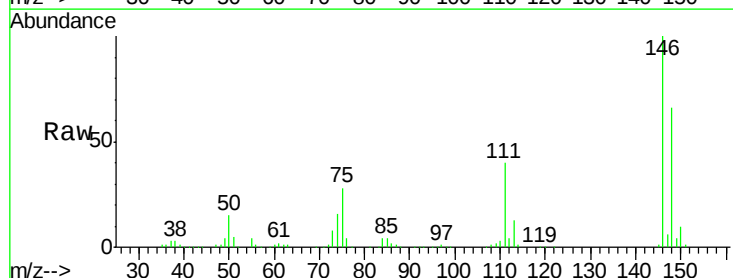
Tgt Ion: 146 Resp: 200971

Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

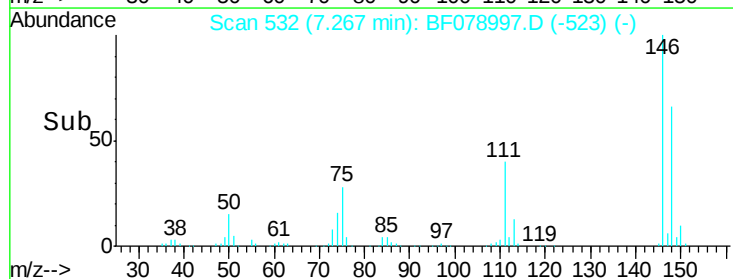
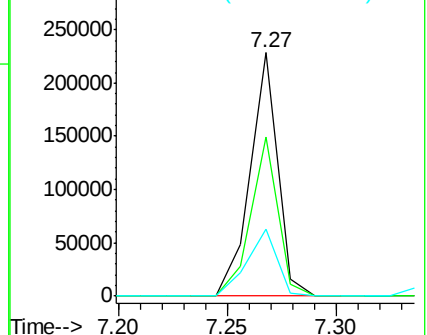
75 27.8 29.2 43.8#

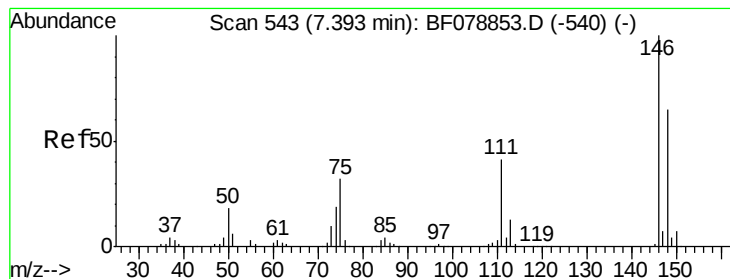


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.25 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

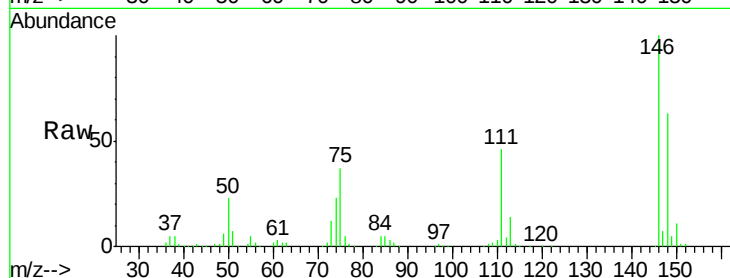
Tot Ion:146 Resp: 197115

Ion Ratio Lower Upper

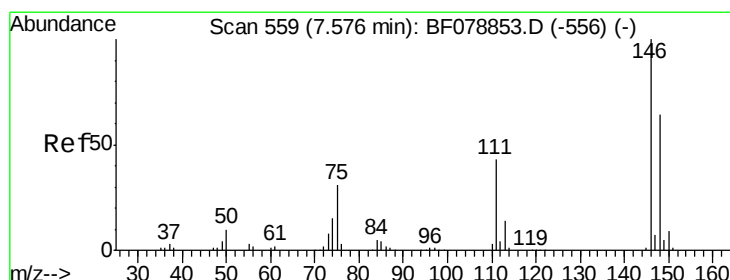
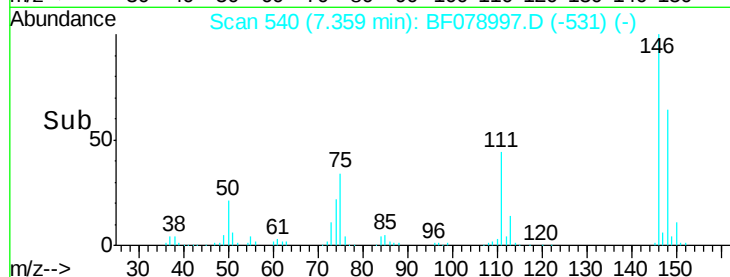
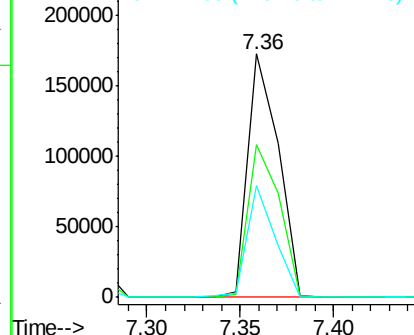
146 100

148 62.9 52.8 79.2

111 45.7 31.7 47.5



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



#14

1,2-Dichlorobenzene

Concen: 34.37 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

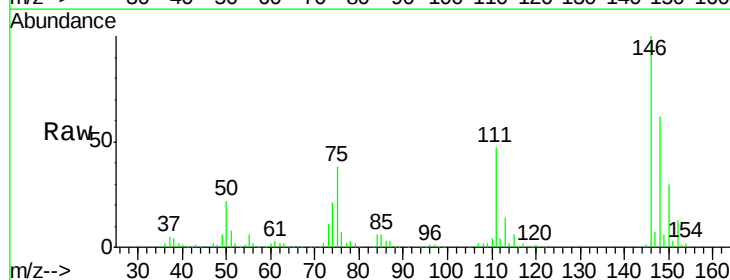
Tgt Ion:146 Resp: 195551

Ion Ratio Lower Upper

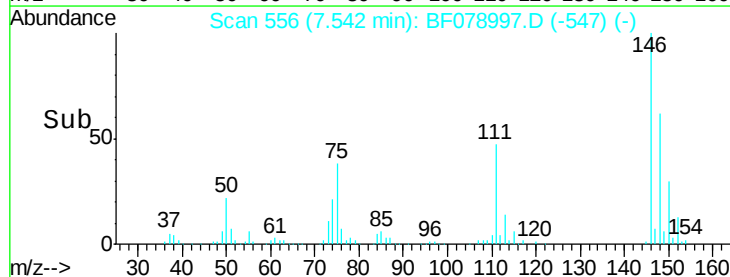
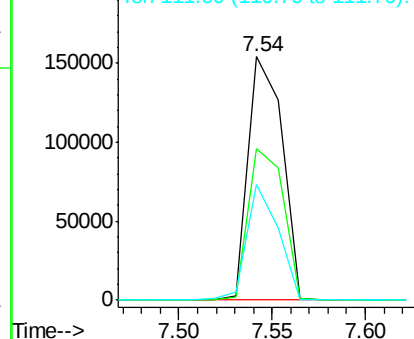
146 100

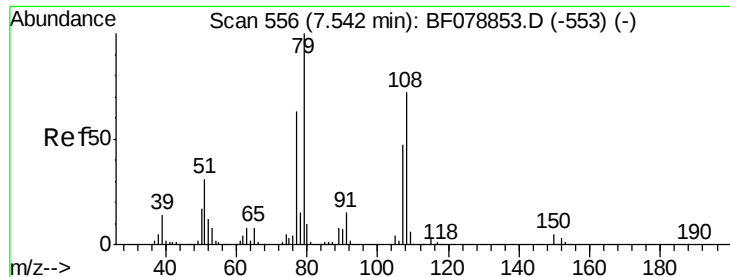
148 62.4 51.2 76.8

111 47.2 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 36.29 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

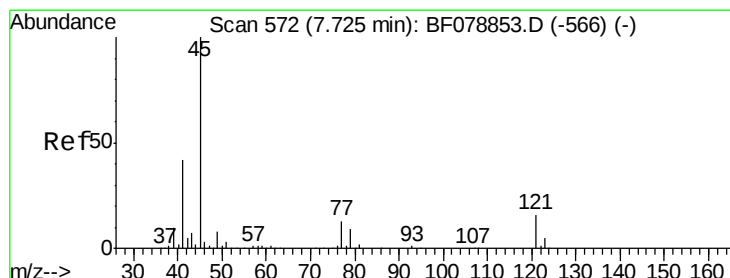
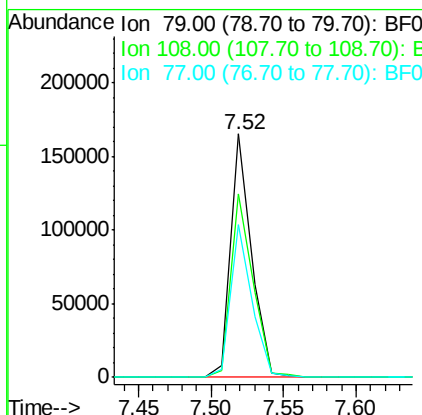
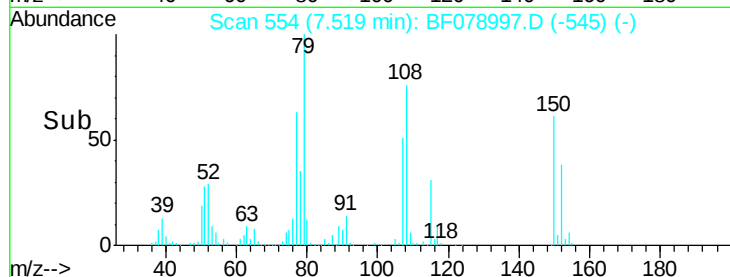
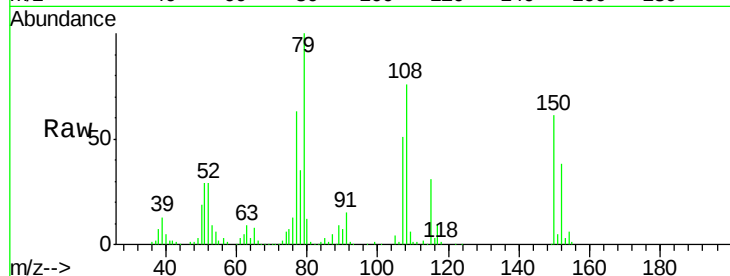
Tot Ion: 79 Resp: 165856

Ion Ratio Lower Upper

79 100

108 75.6 62.5 93.7

77 62.8 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.06 ng

RT: 7.70 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

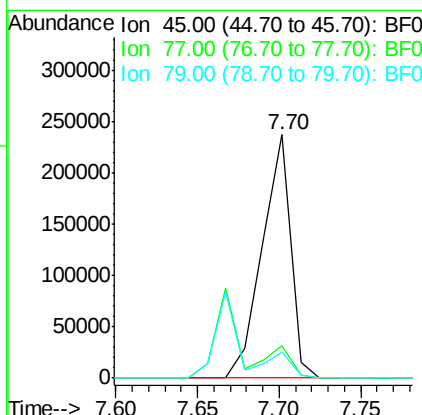
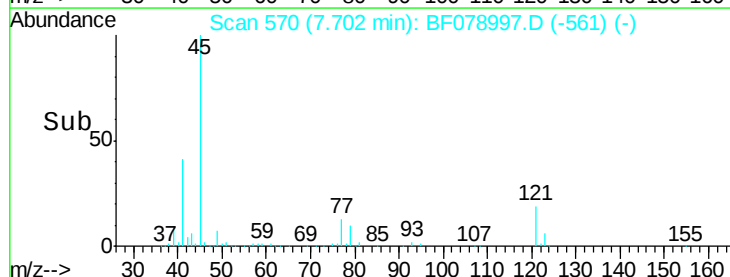
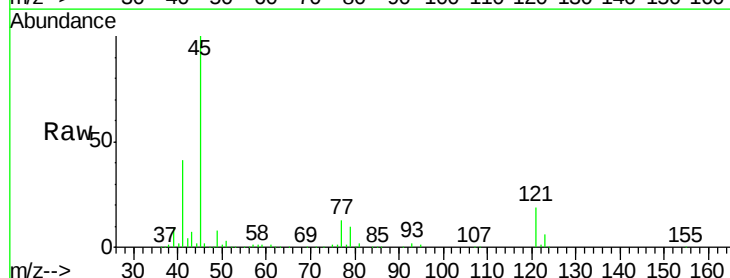
Tgt Ion: 45 Resp: 288878

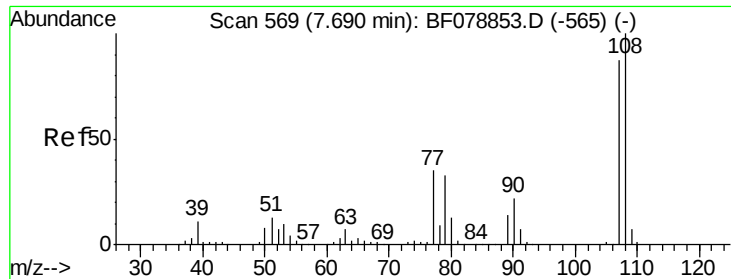
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.3

79 10.5 0.0 30.1

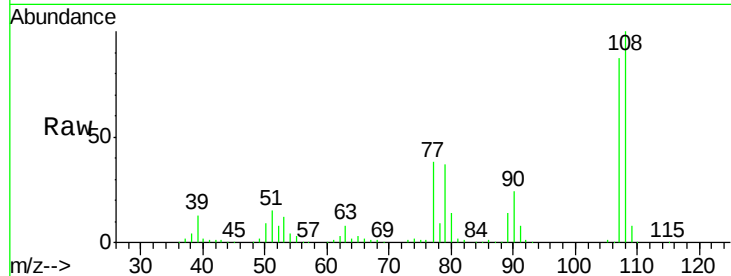




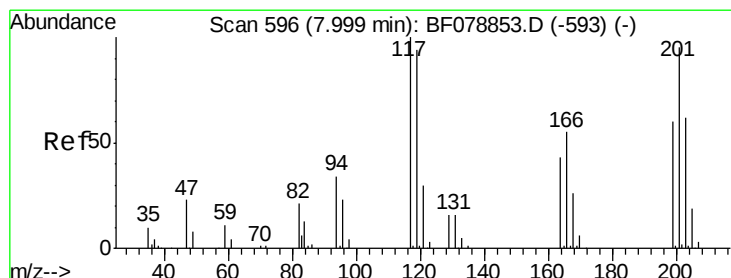
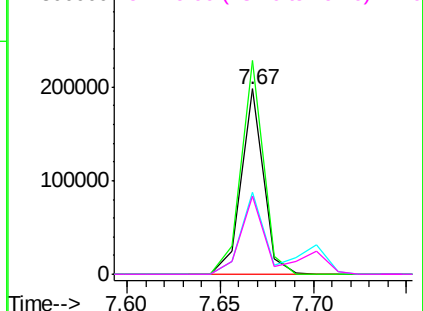
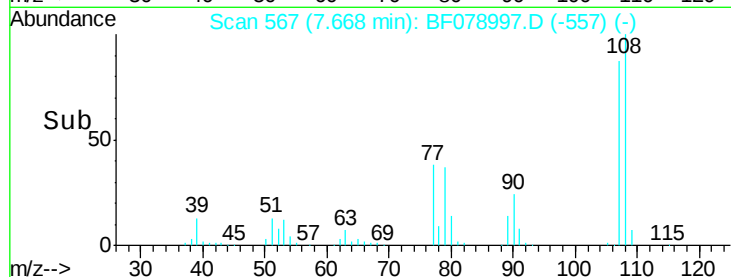
#17
2-Methylphenol
Concen: 38.74 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tot Ion:107 Resp: 164702
Ion Ratio Lower Upper
107 100
108 115.3 94.9 142.3
77 44.4 36.2 54.4
79 42.4 35.2 52.8

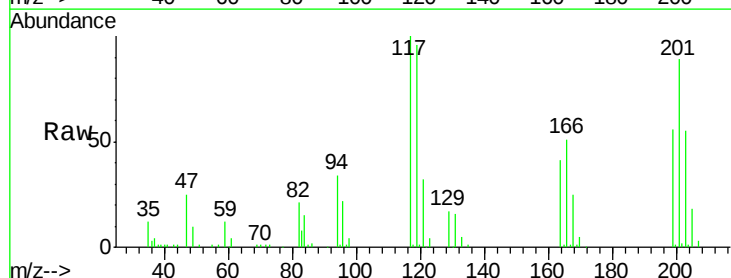


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

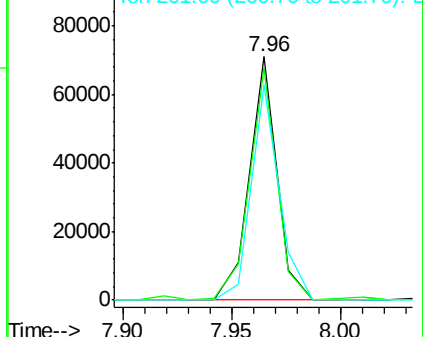
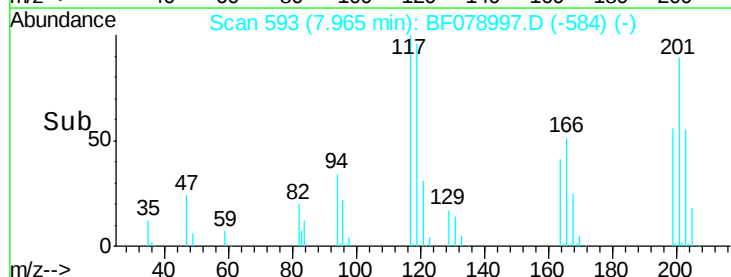


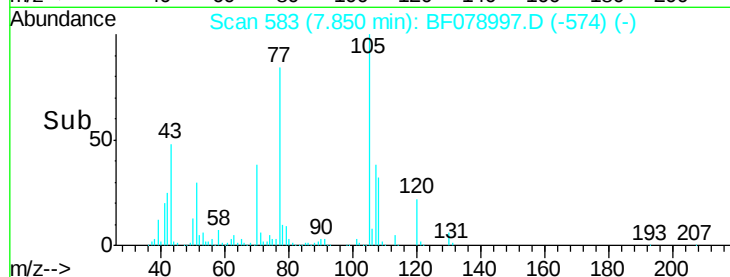
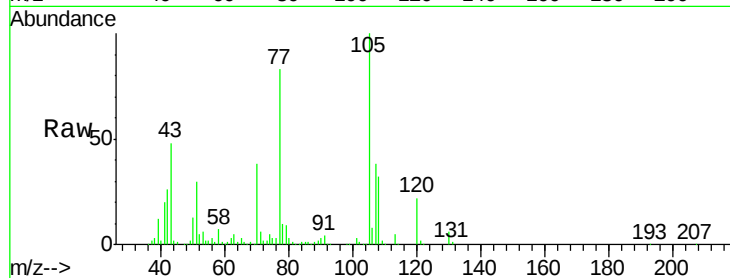
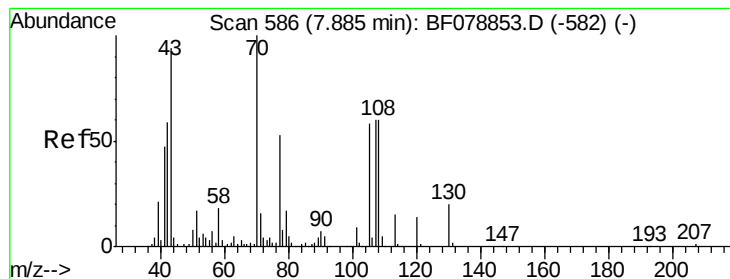
#18
Hexachloroethane
Concen: 29.59 ng
RT: 7.96 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:117 Resp: 62288
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 88.6 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: 34.40 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

Tot Ion: 70 Resp: 143065

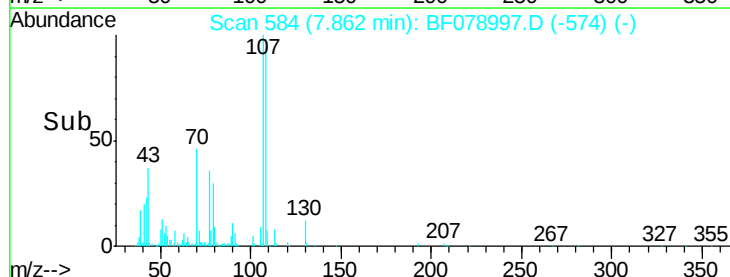
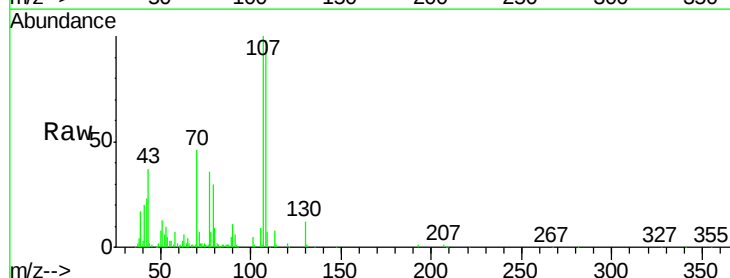
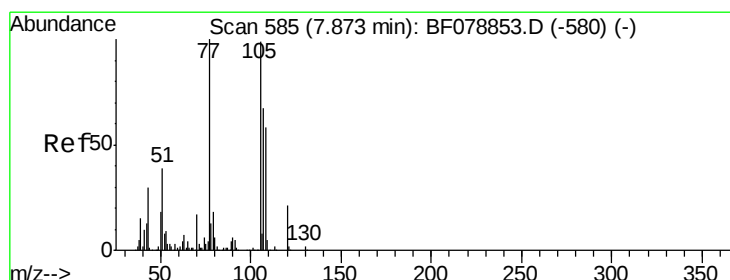
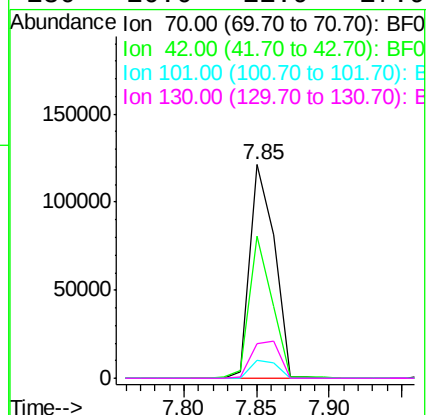
Ion Ratio Lower Upper

70 100

42 66.5 55.4 83.0

101 8.5 6.6 10.0

130 16.0 11.9 17.9



#20

3+4-Methylphenols

Concen: 38.35 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Tgt Ion:107 Resp: 217260

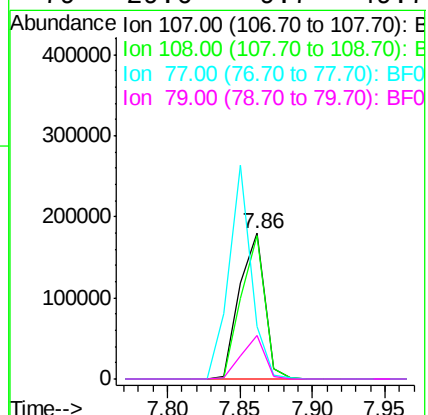
Ion Ratio Lower Upper

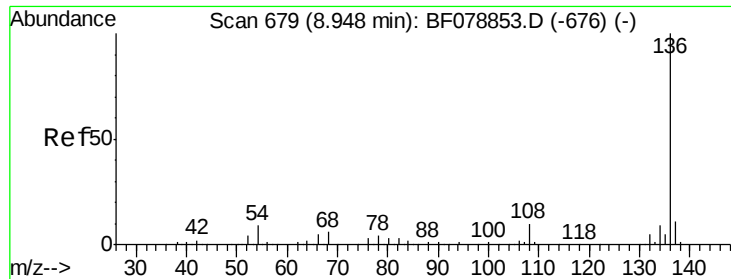
107 100

108 98.3 76.9 116.9

77 35.9 136.8 176.8#

79 29.6 9.7 49.7

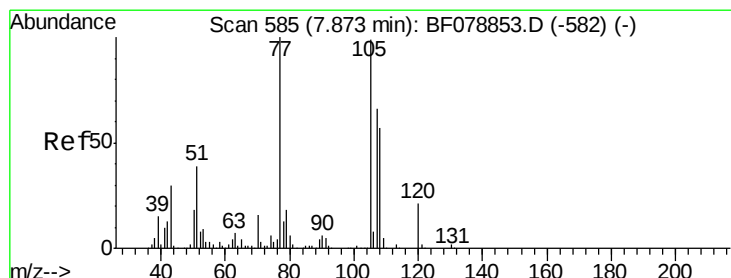
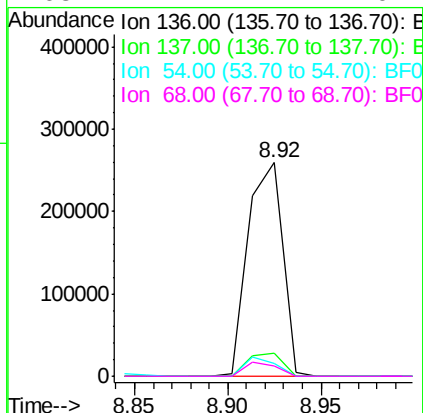
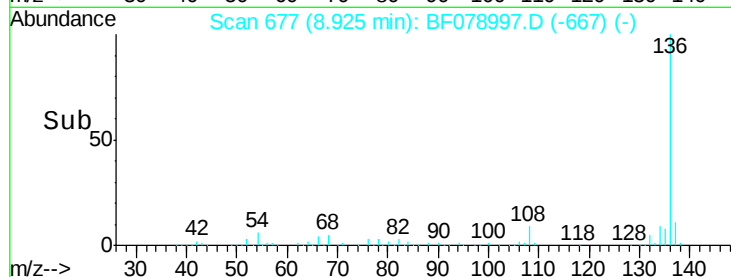
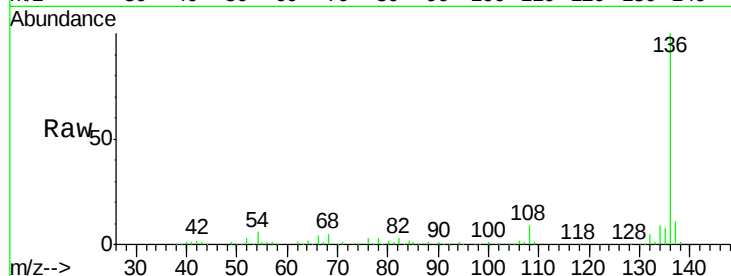




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

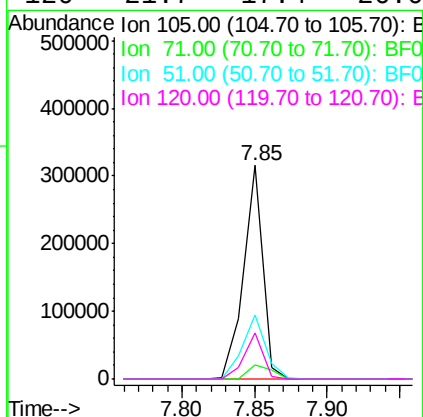
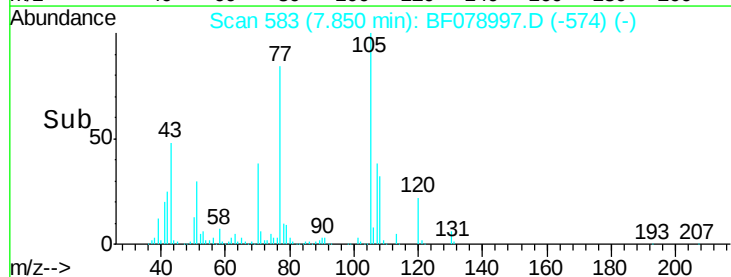
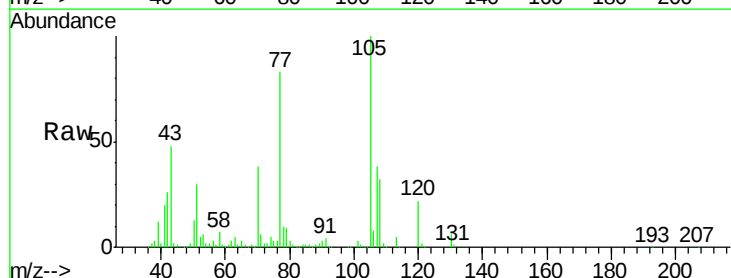
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

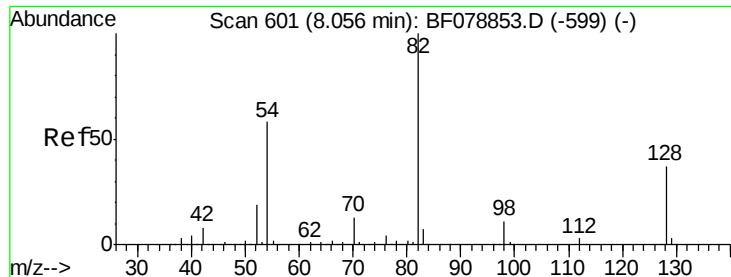
Tot Ion:136	Resp:	333469
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	5.9	5.8 8.8
68	4.7	4.2 6.4



#22
Acetophenone
Concen: 38.58 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:105	Resp:	290696
Ion Ratio	Lower	Upper
105	100	
71	6.4	4.6 6.8
51	29.8	26.7 40.1
120	21.7	17.4 26.0

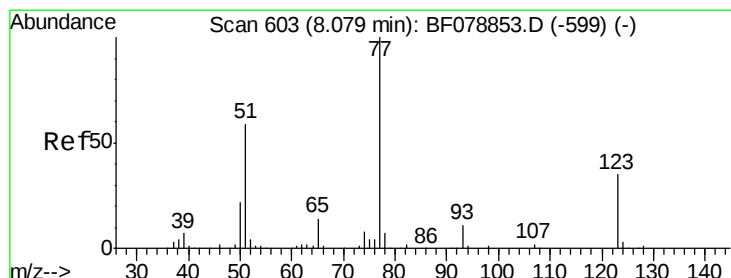
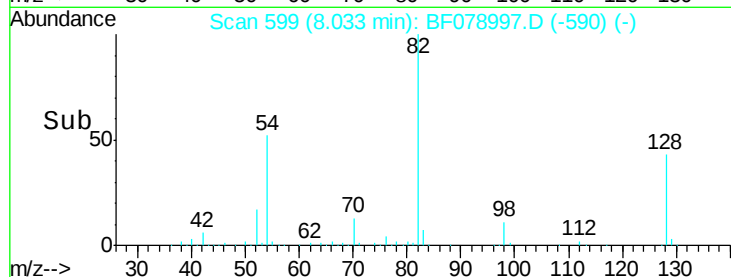
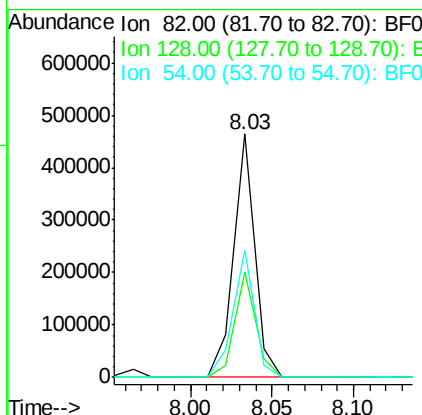
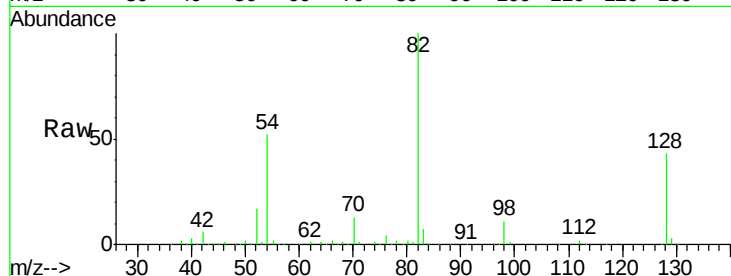




#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

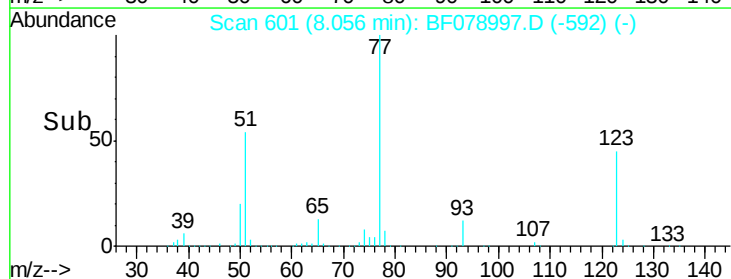
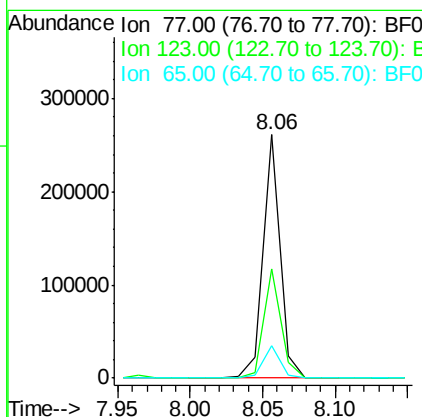
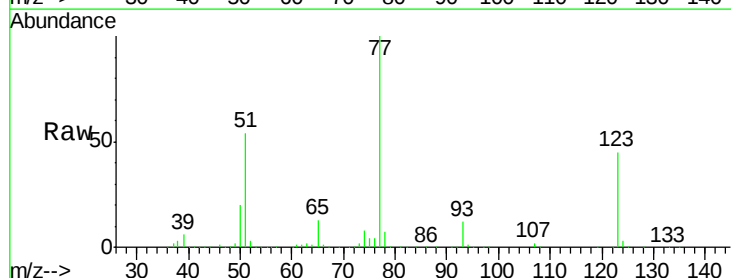
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

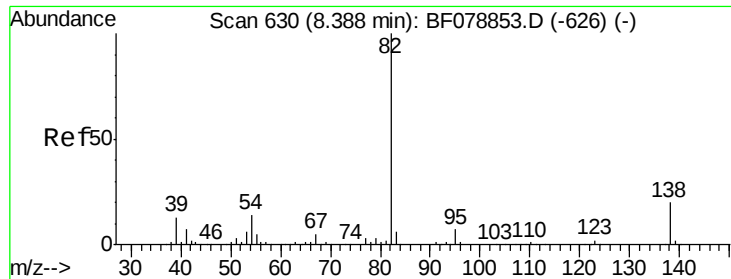
Tot Ion	82	Resp	413319
Ion Ratio	Lower	Upper	
82	100		
128	43.2	30.0	45.0
54	52.2	46.4	69.6



#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 8.06 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	77	Resp	212451
Ion Ratio	Lower	Upper	
77	100		
123	44.7	31.8	47.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 34.89 ng

RT: 8.35 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

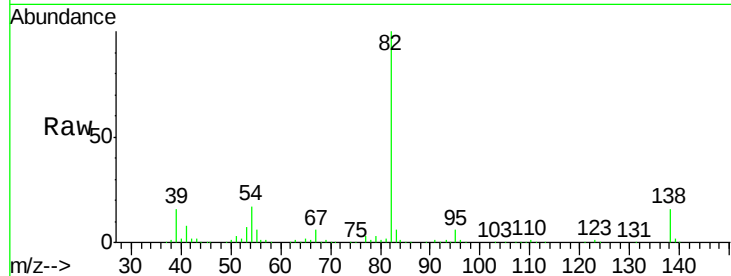
Tot Ion: 82 Resp: 375313

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 15.8 12.0 18.0

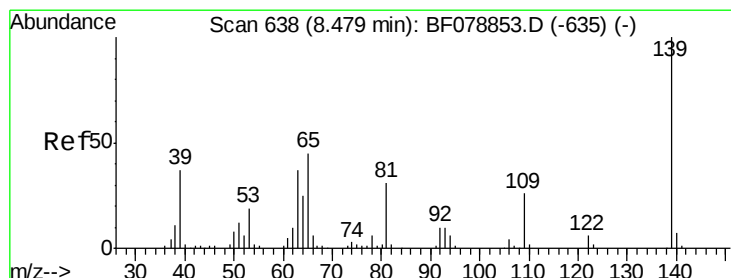
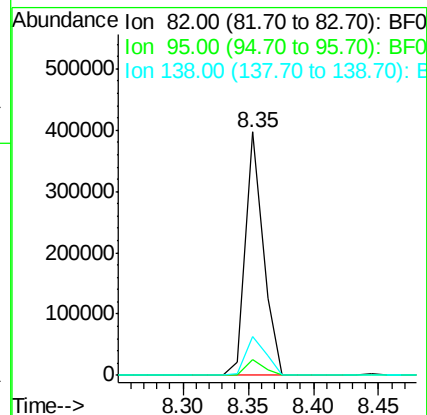
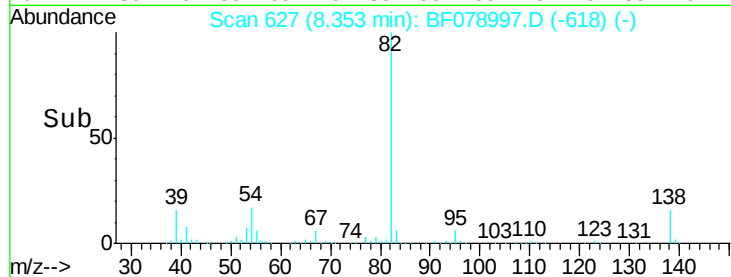


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)

Time-->



#26

2-Nitrophenol

Concen: 37.99 ng

RT: 8.44 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

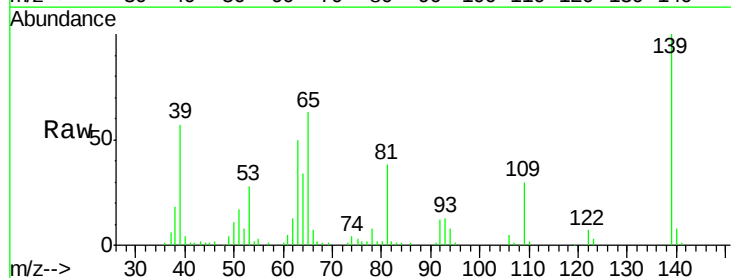
Tgt Ion: 139 Resp: 90441

Ion Ratio Lower Upper

139 100

109 29.9 21.0 31.4

65 63.3 30.5 45.7#

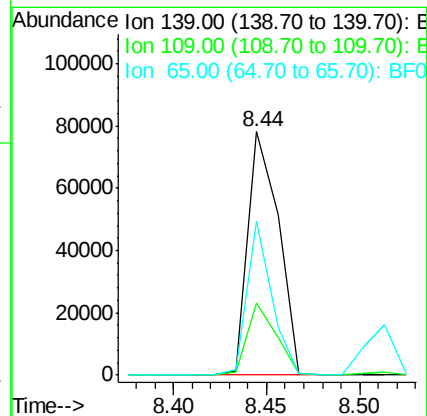
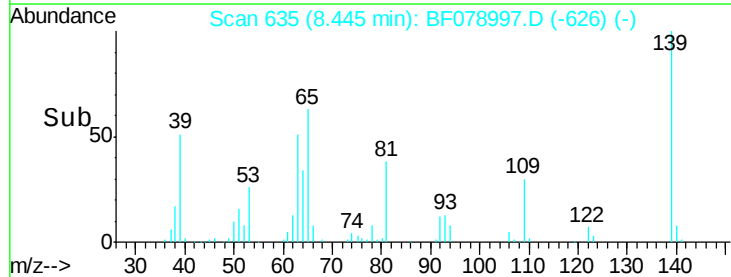


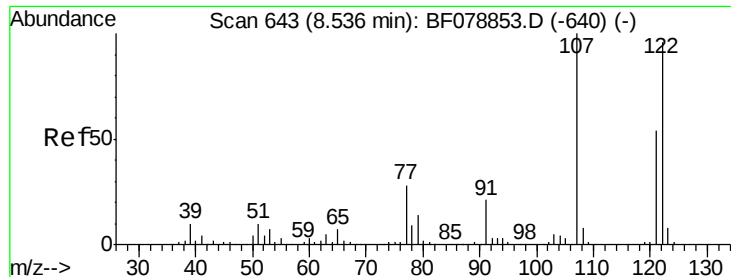
Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)

Time-->

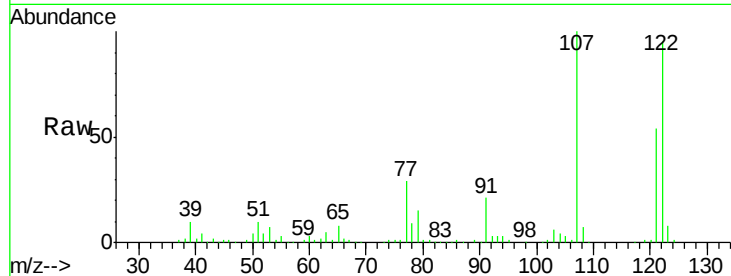




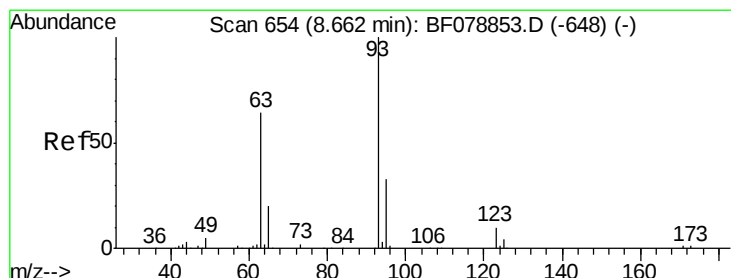
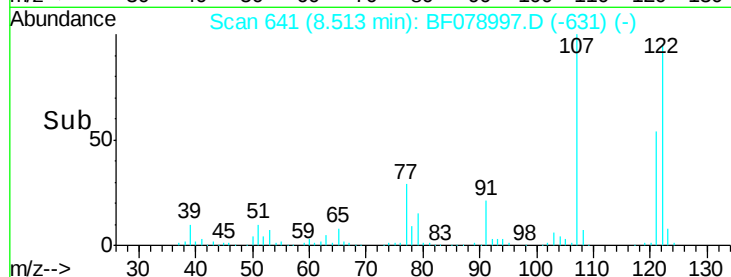
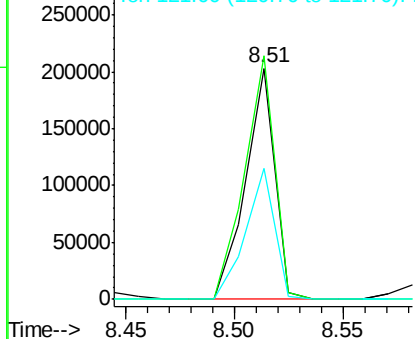
#27
 2,4-Dimethylphenol
 Concen: 39.80 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampled :
 TP-3-D2MSD

Tot Ion:122 Resp: 189571
 Ion Ratio Lower Upper
 122 100
 107 105.4 90.6 135.8
 121 56.8 45.4 68.2

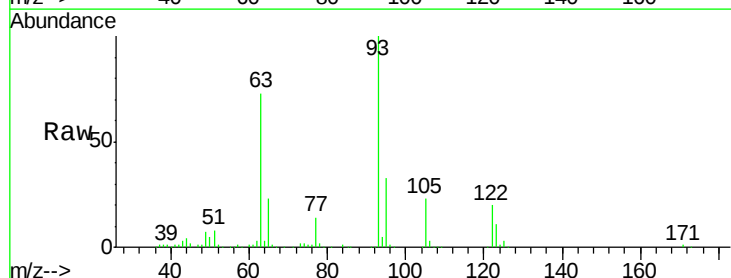


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

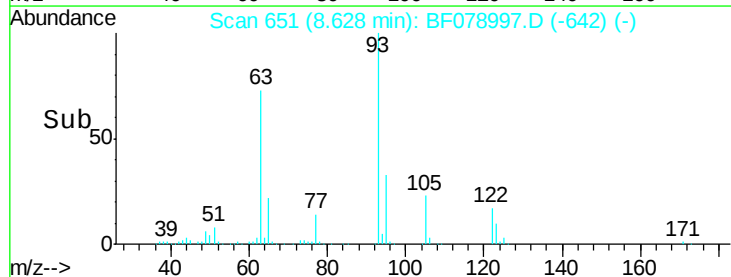
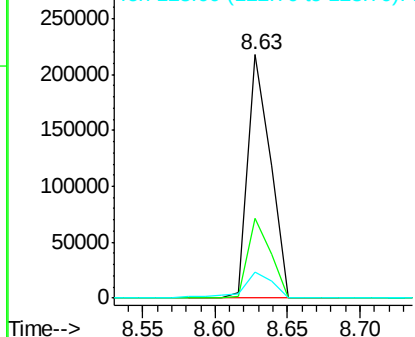


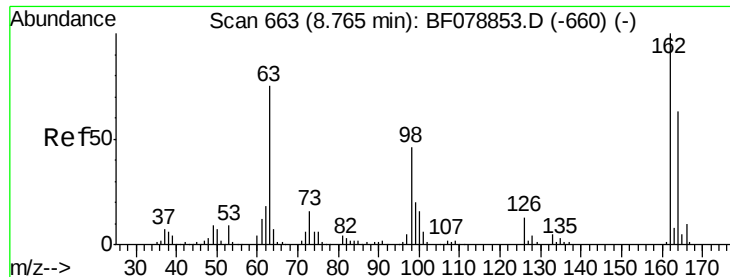
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.50 ng
 RT: 8.63 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion: 93 Resp: 235380
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.7 40.1
 123 10.6 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

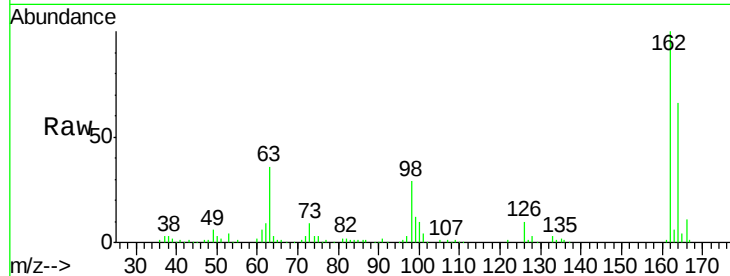




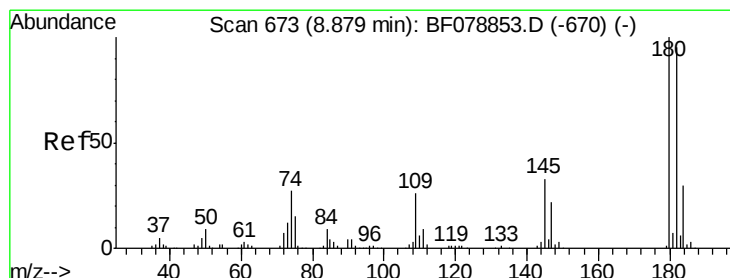
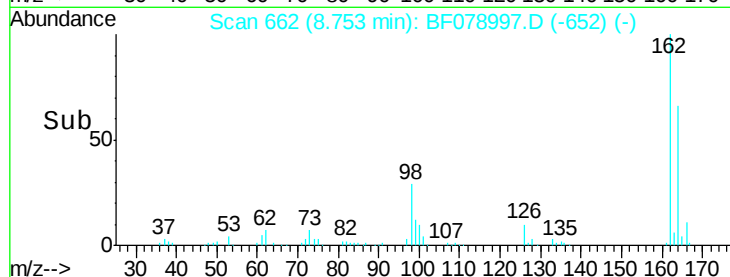
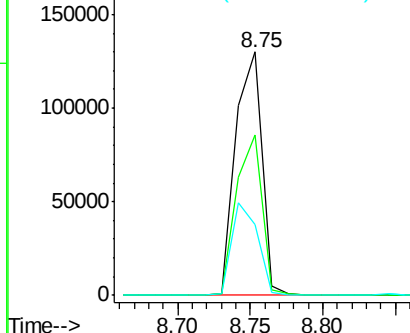
#29
 2,4-Dichlorophenol
 Concen: 38.76 ng
 RT: 8.75 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.6	83.6
98	29.2	16.5	56.5

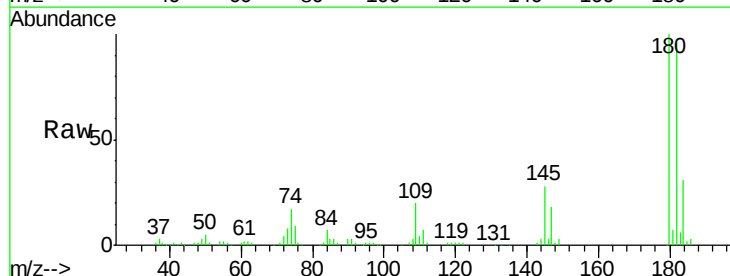


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

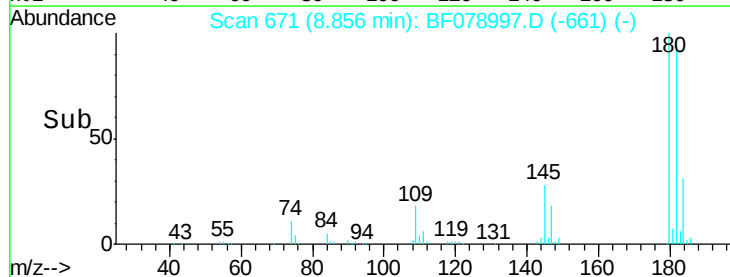
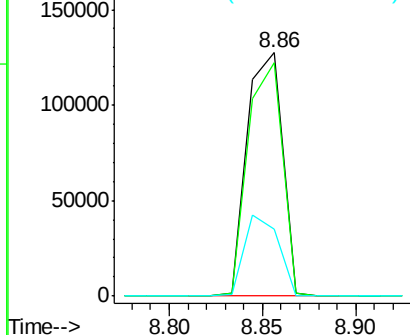


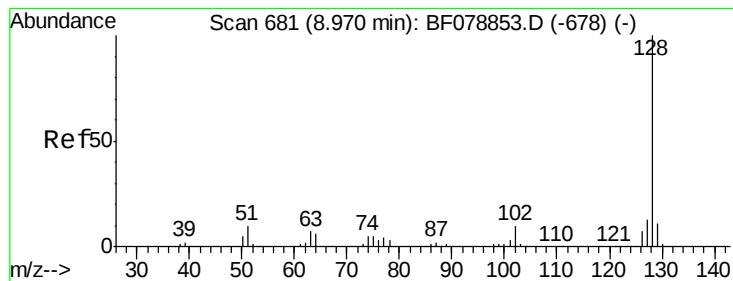
#30
 1,2,4-Trichlorobenzene
 Concen: 36.07 ng
 RT: 8.86 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.9	118.3
145	27.5	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: 37.27 ng

RT: 8.95 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

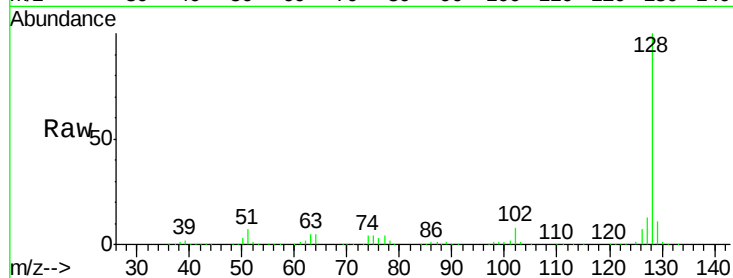
Tot Ion:128 Resp: 592267

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

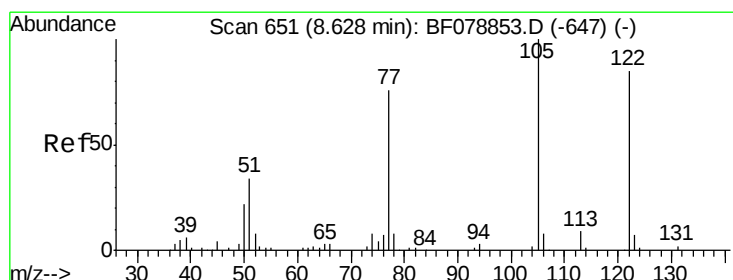
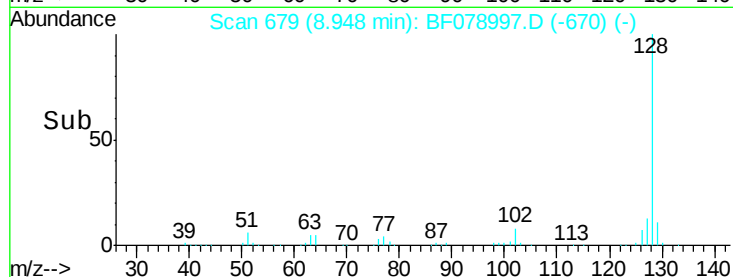
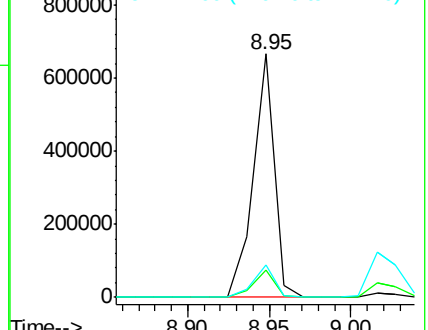
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.64 ng

RT: 8.62 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

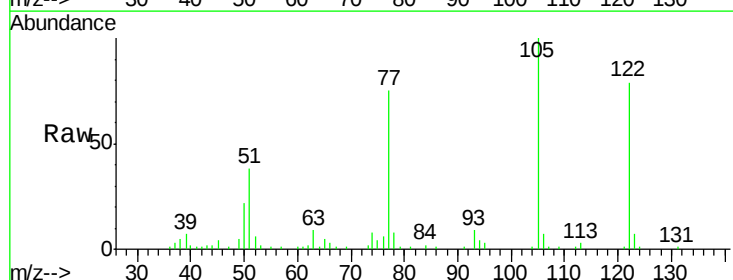
Tgt Ion:122 Resp: 114493

Ion Ratio Lower Upper

122 100

105 126.1 107.1 147.1

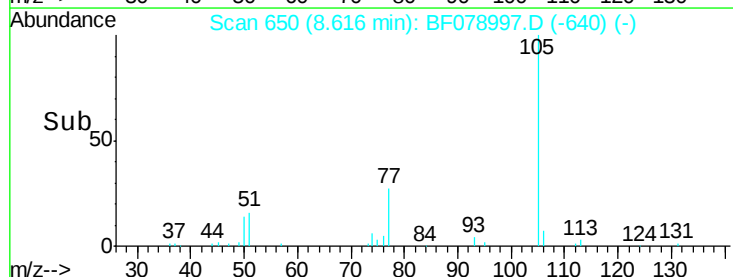
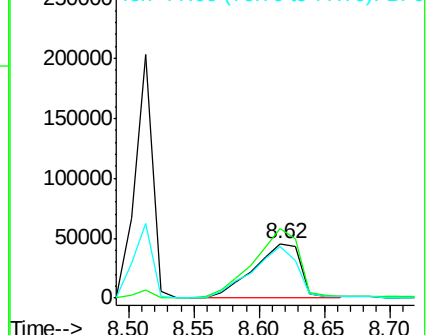
77 94.8 73.9 113.9

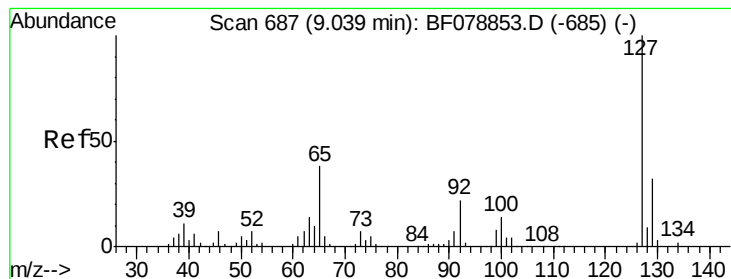


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.04 ng

RT: 9.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

Tot Ion:127 Resp: 161601

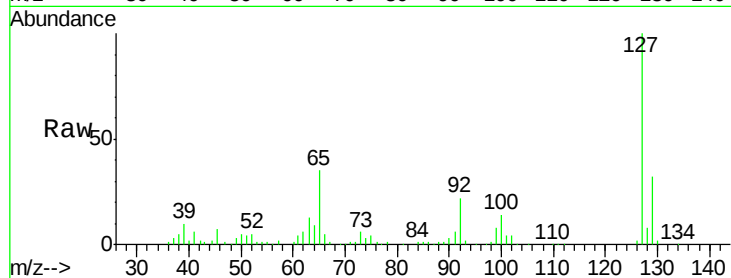
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 35.0 25.8 38.6

92 21.7 15.5 23.3

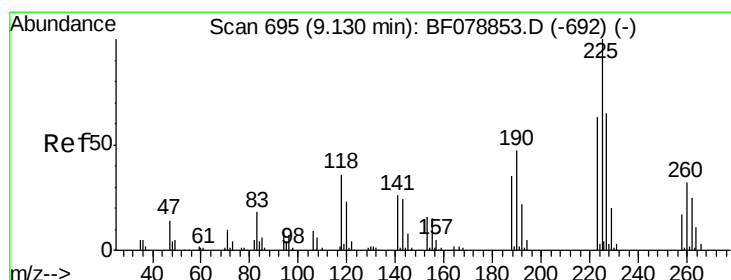
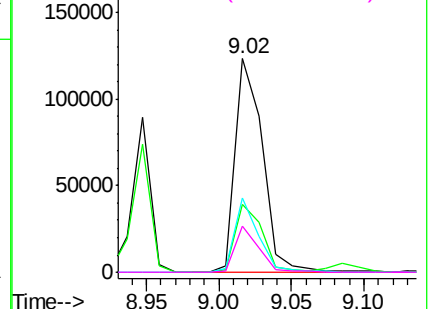
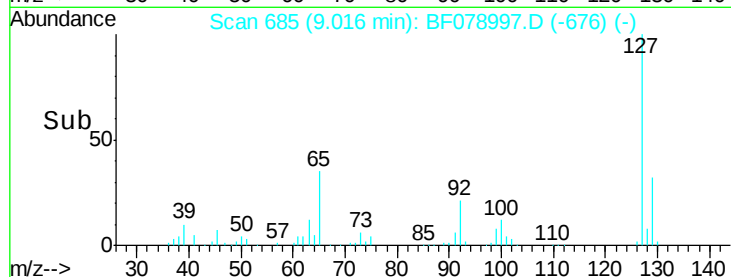


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.53 ng

RT: 9.10 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

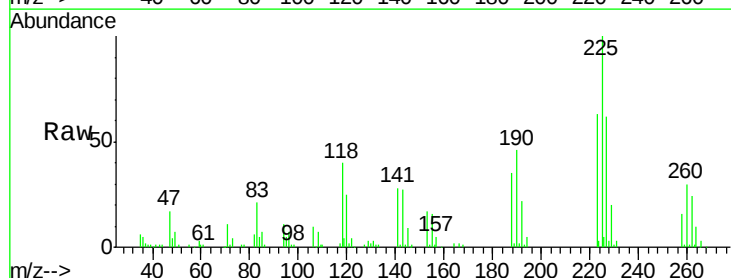
Tgt Ion:225 Resp: 92525

Ion Ratio Lower Upper

225 100

223 63.0 48.2 72.4

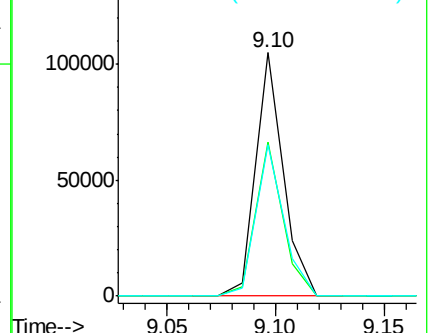
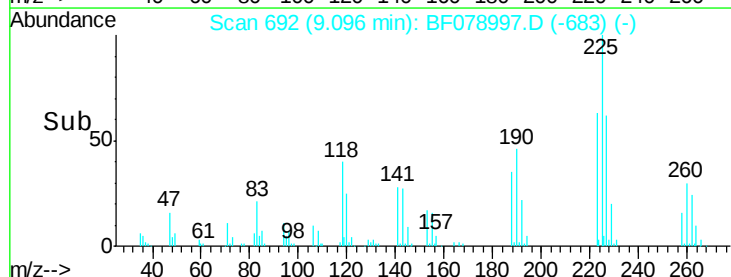
227 62.4 51.4 77.0

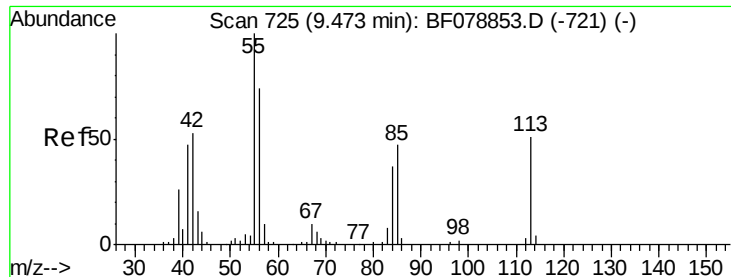


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

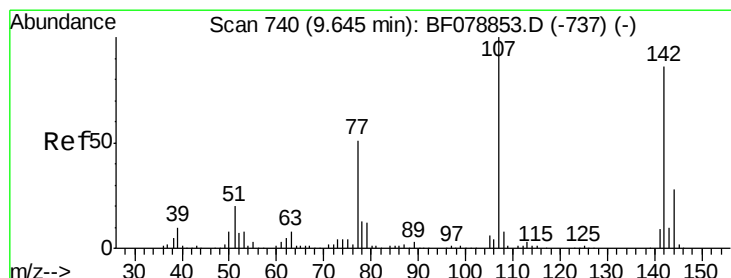
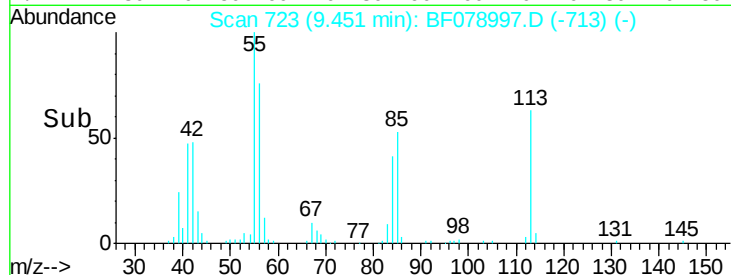
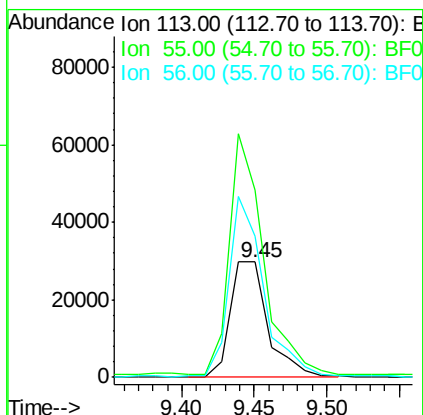
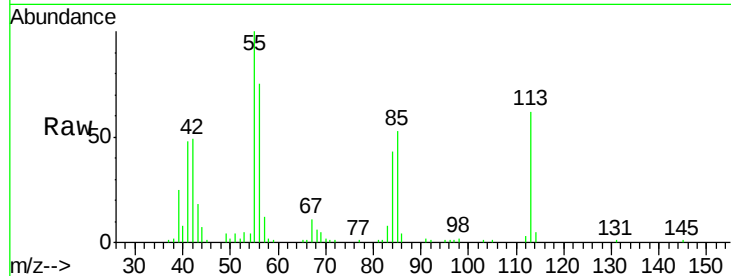




#35
 Caprolactam
 Concen: 39.68 ng
 RT: 9.45 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

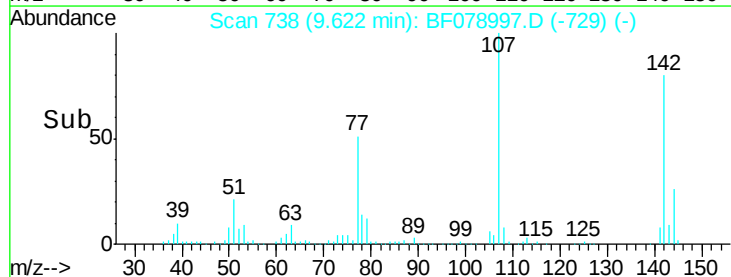
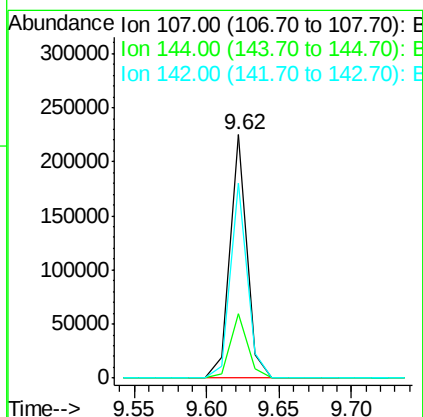
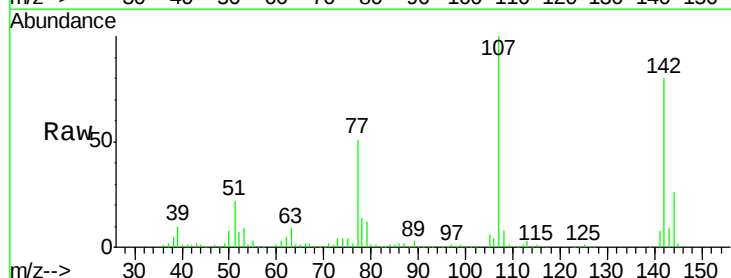
Instrument :
 BNA_F
 ClientSampleID :
 TP-3-D2MSD

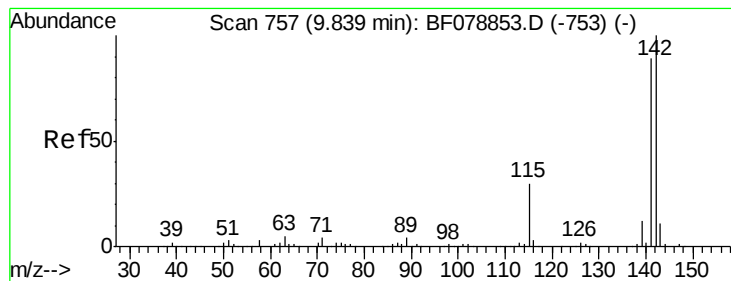
Tot Ion:113 Resp: 54355
 Ion Ratio Lower Upper
 113 100
 55 161.9 169.7 209.7#
 56 121.8 122.5 162.5#



#36
 4-Chloro-3-methylphenol
 Concen: 41.42 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:107 Resp: 184267
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 80.3 60.6 91.0

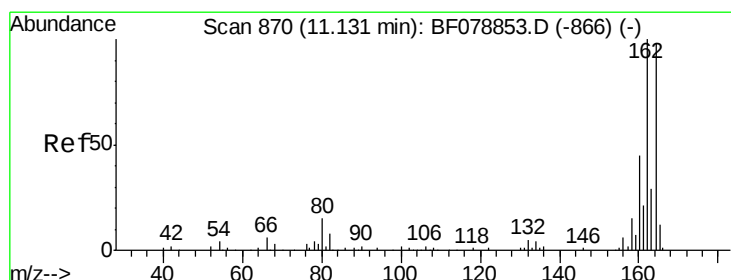
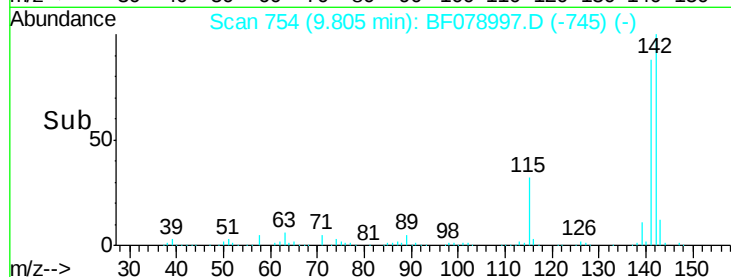
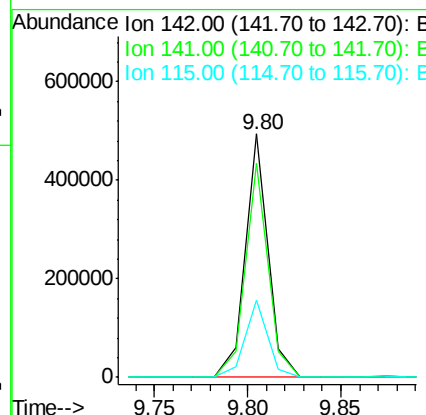
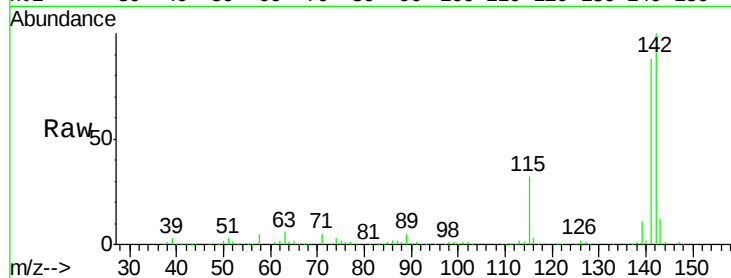




#37
 2-Methylnaphthalene
 Concen: 38.12 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

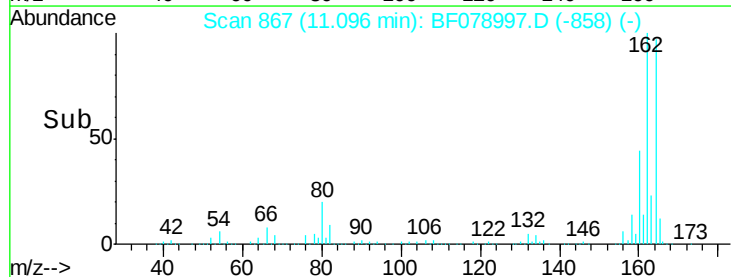
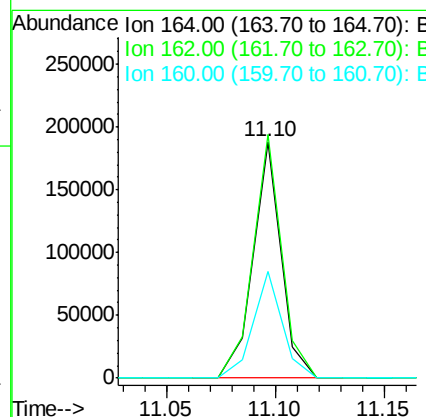
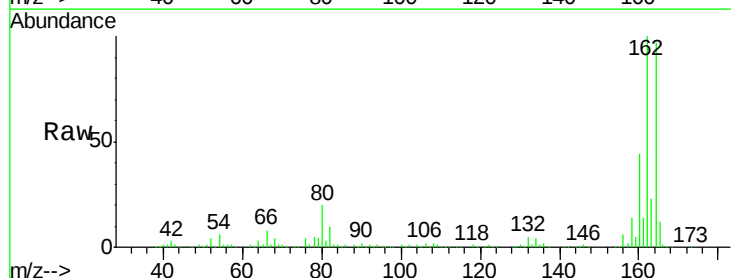
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

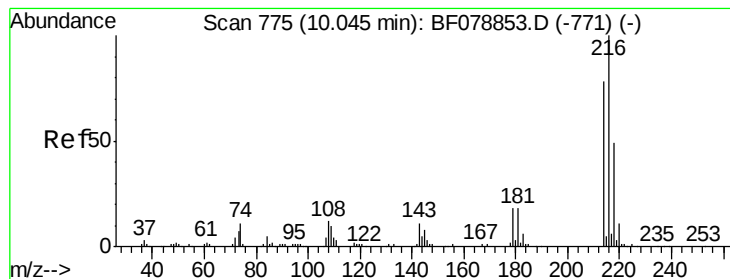
Tot Ion:142 Resp: 419690
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.9 106.3
 115 31.8 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:164 Resp: 168111
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.7 124.1
 160 45.3 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.11 ng

RT: 10.01 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

Tot Ion:216 Resp: 166255

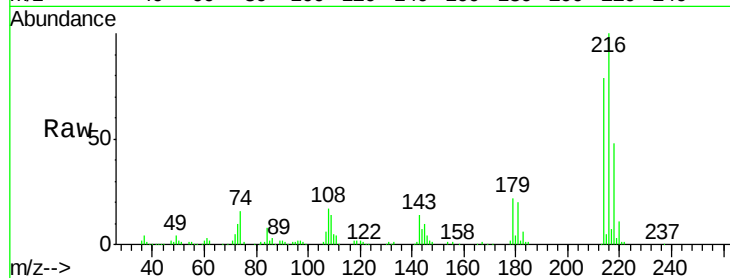
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 22.4 0.0 0.0#

108 19.7 0.0 0.0#

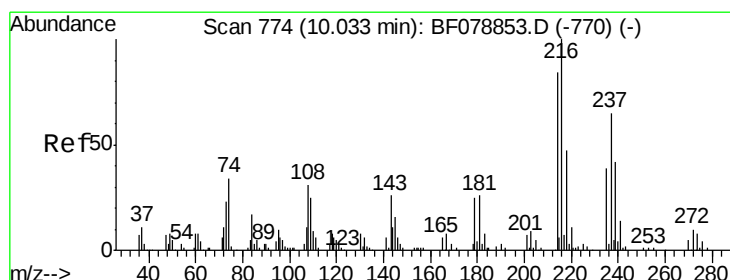
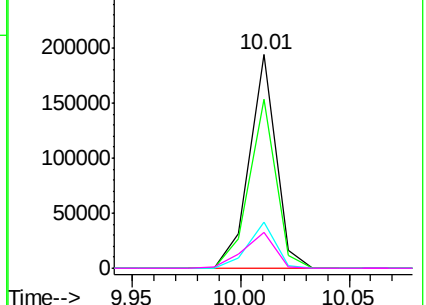
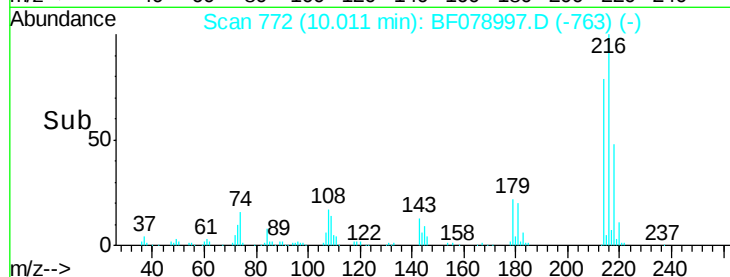


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.23 ng

RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

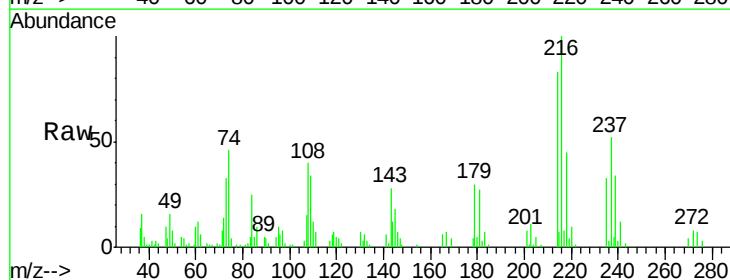
Tgt Ion:237 Resp: 19585

Ion Ratio Lower Upper

237 100

235 62.7 44.7 84.7

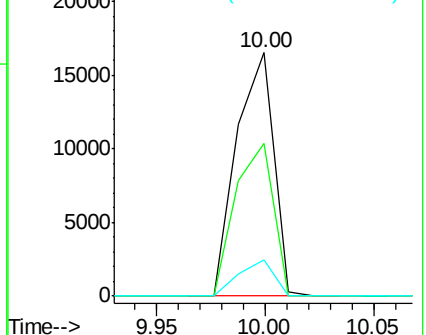
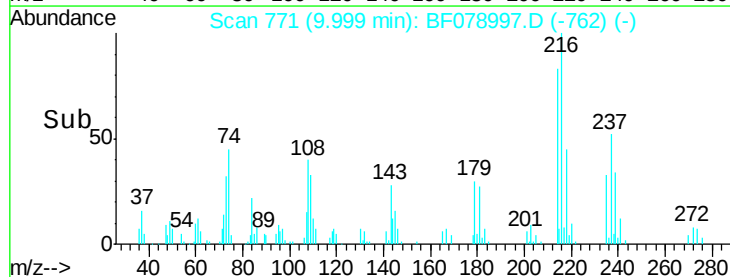
272 15.1 0.0 32.6

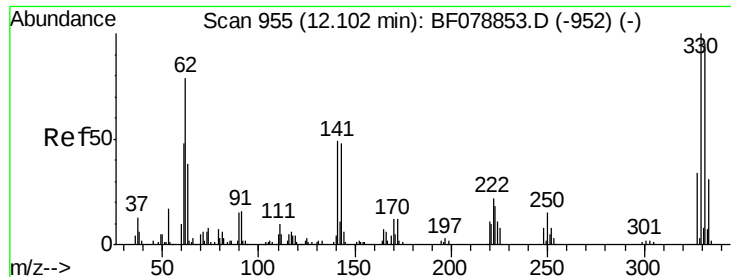


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

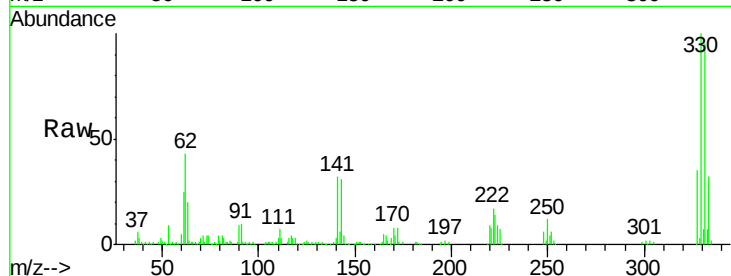




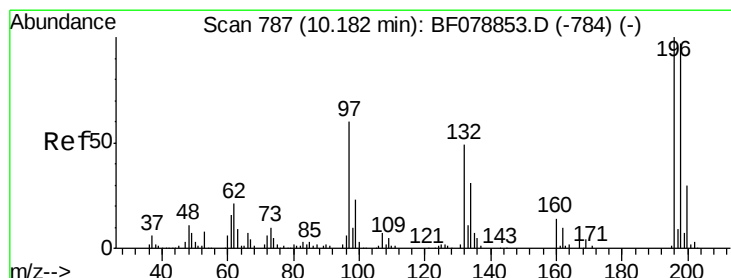
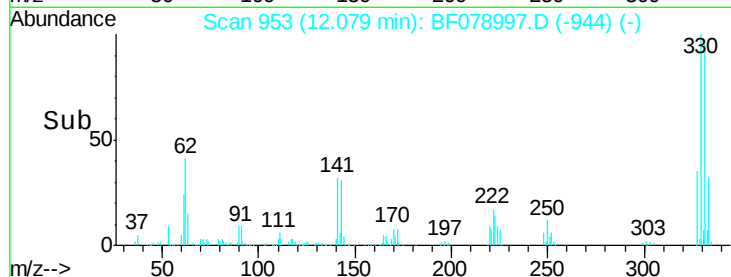
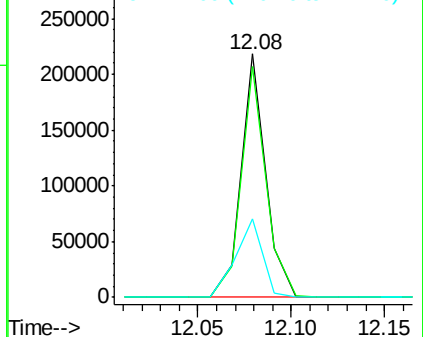
#41
 2,4,6-Tribromophenol
 Concen: 110.47 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion:330 Resp: 200913
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 35.9 0.0 0.0#

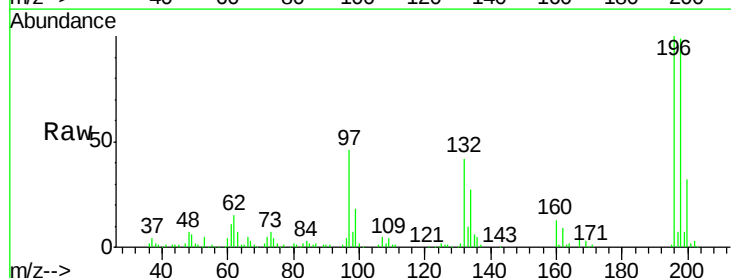


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

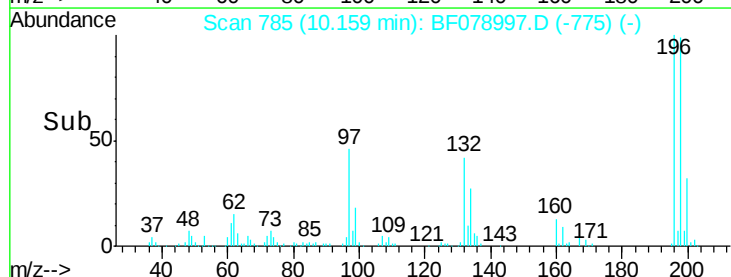
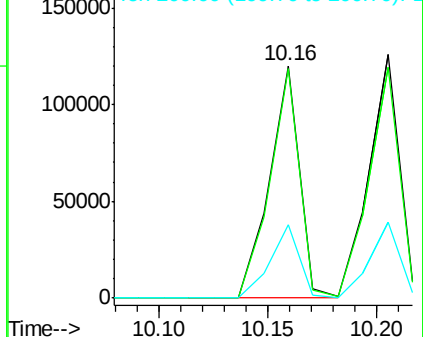


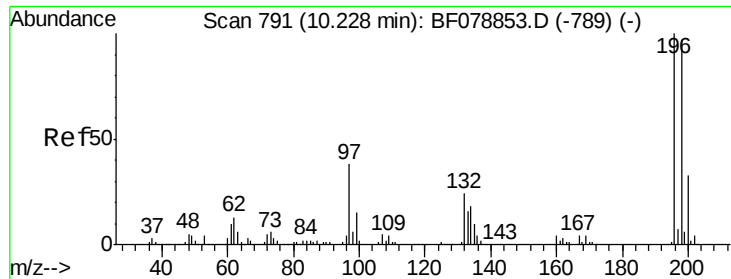
#42
 2,4,6-Trichlorophenol
 Concen: 35.81 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:196 Resp: 116577
 Ion Ratio Lower Upper
 196 100
 198 98.6 80.5 120.7
 200 31.6 24.9 37.3



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

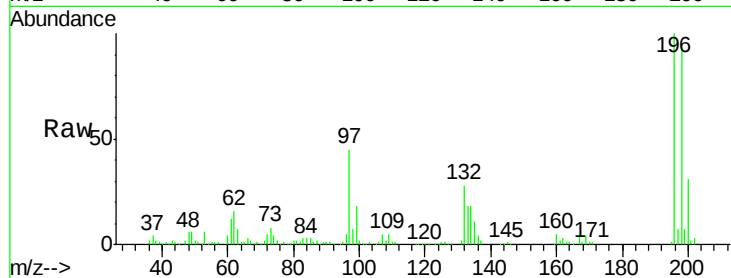




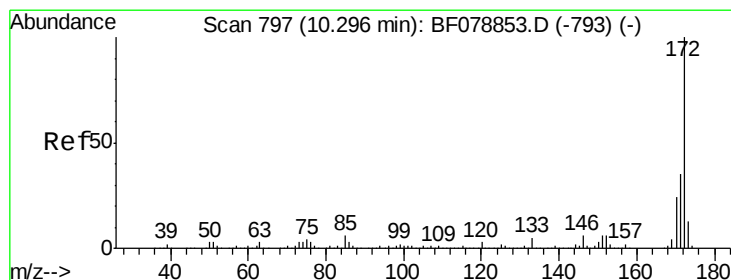
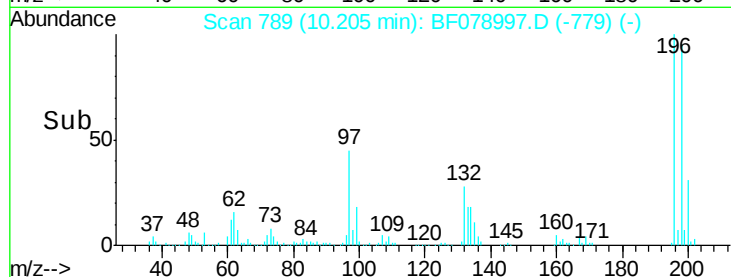
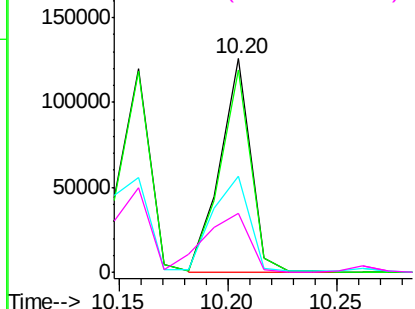
#43
 2,4,5-Trichlorophenol
 Concen: 37.57 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion:196	Resp:	123635
Ion Ratio	Lower	Upper
196	100	
198	94.7	79.8 119.6
97	45.1	46.0 69.0#
132	27.6	26.6 40.0

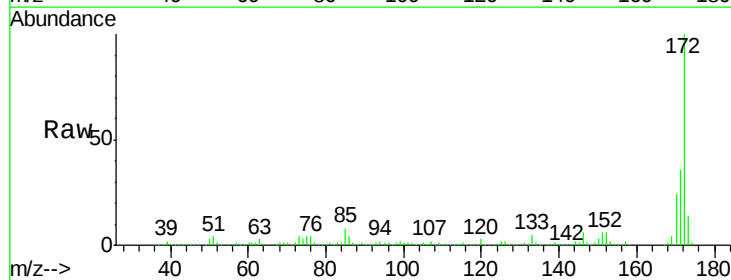


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

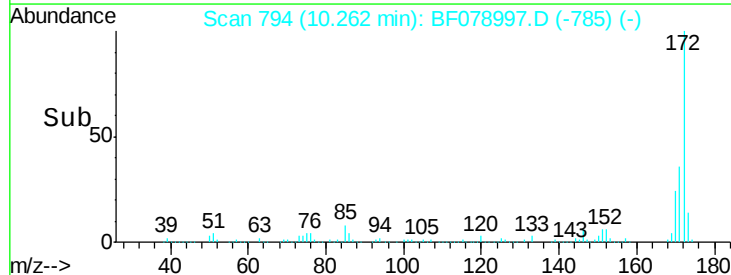
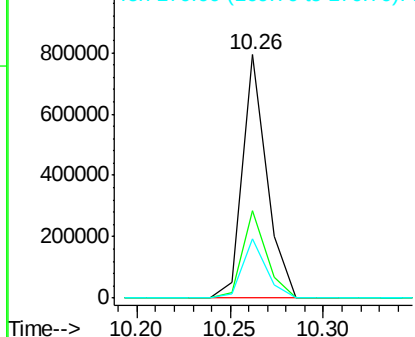


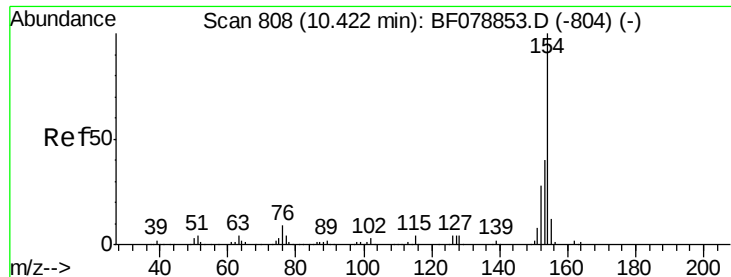
#44
 2-Fluorobiphenyl
 Concen: 59.64 ng
 RT: 10.26 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:172	Resp:	719597
Ion Ratio	Lower	Upper
172	100	
171	35.8	27.9 41.9
170	24.4	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: 36.72 ng

RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

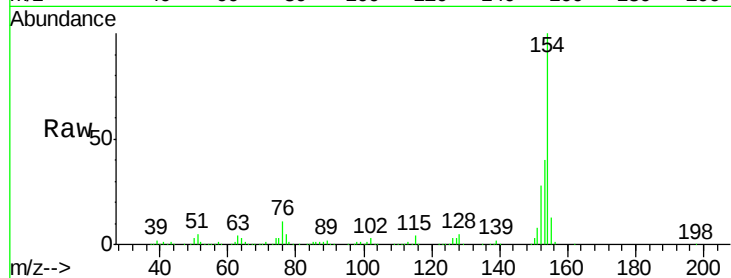
Tot Ion:154 Resp: 490721

Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

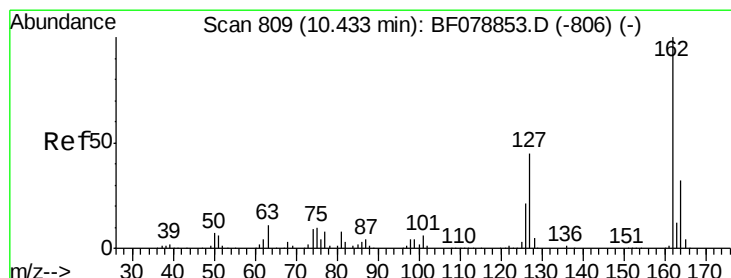
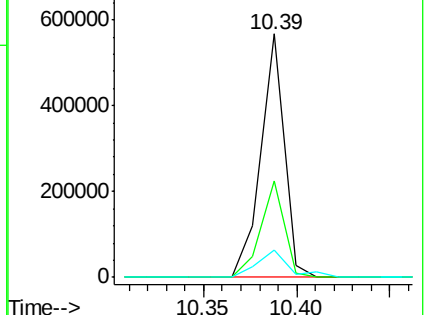
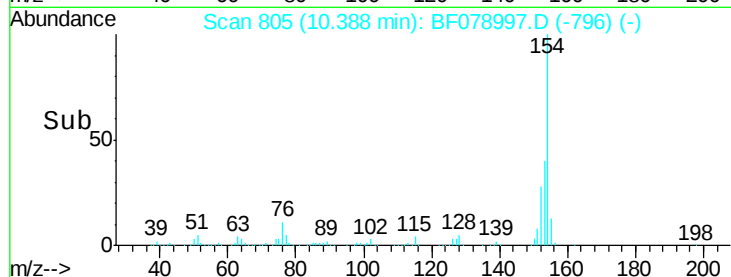
76 11.3 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.58 ng

RT: 10.41 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

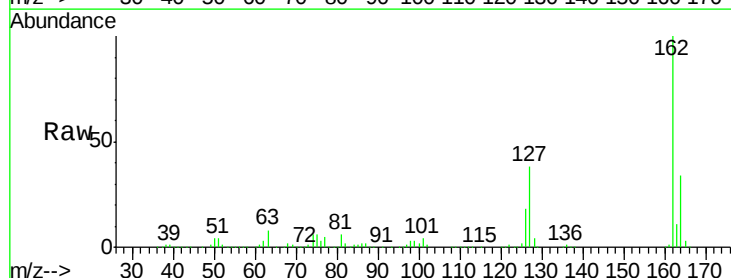
Tgt Ion:162 Resp: 370899

Ion Ratio Lower Upper

162 100

127 38.2 33.9 50.9

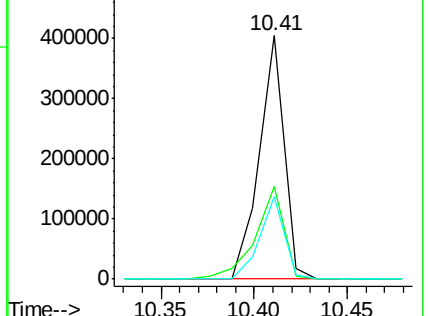
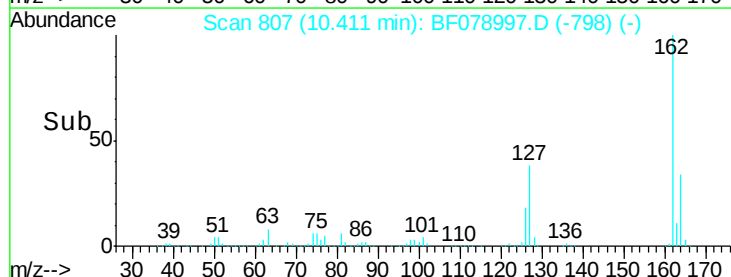
164 33.6 26.3 39.5

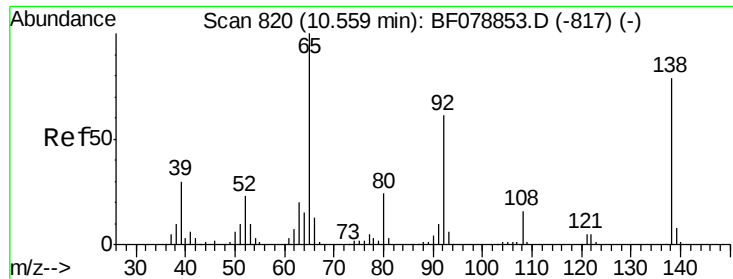


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

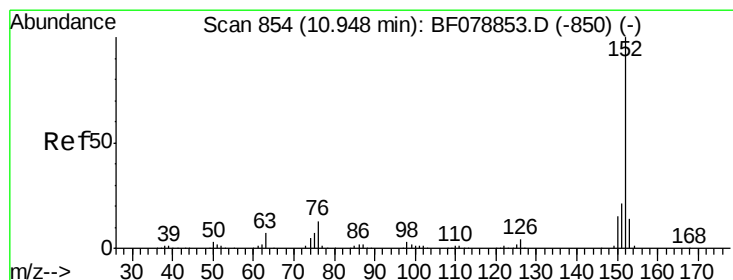
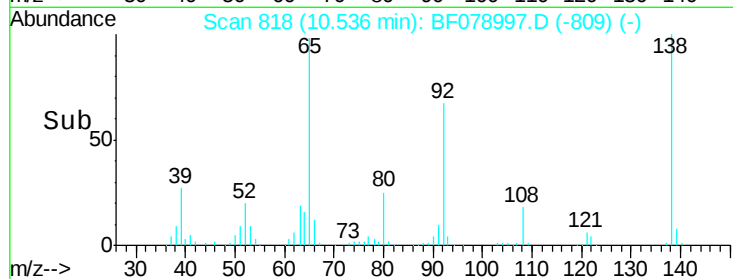
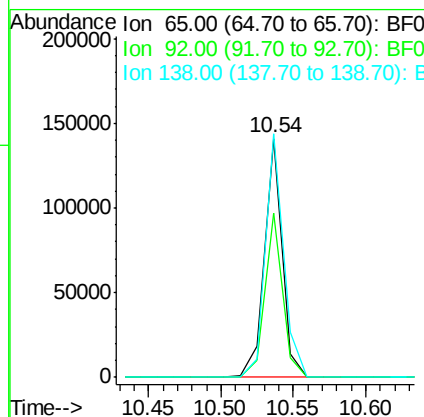
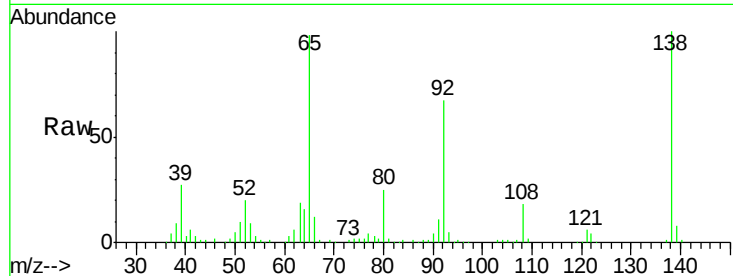




#47
 2-Nitroaniline
 Concen: 39.70 ng
 RT: 10.54 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

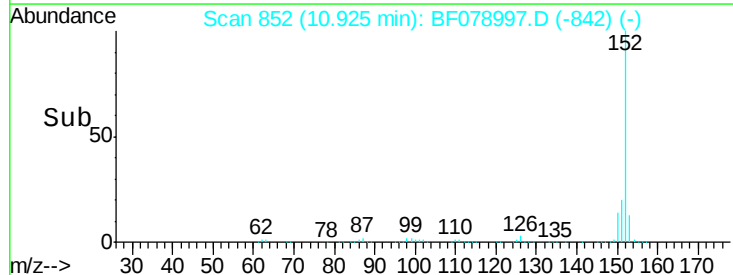
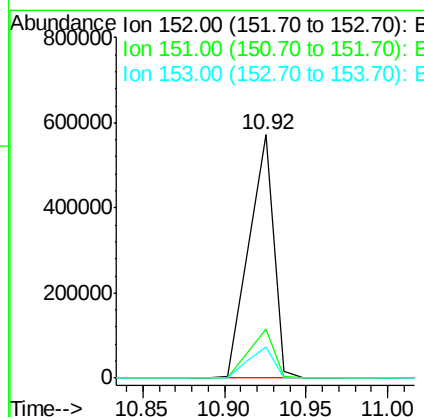
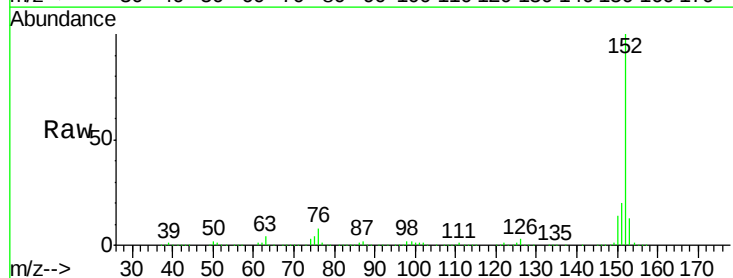
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

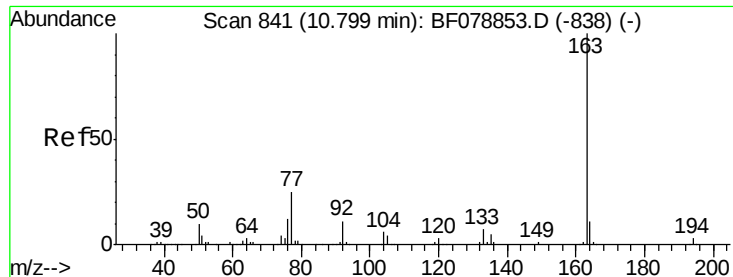
Tot Ion: 65 Resp: 119902
 Ion Ratio Lower Upper
 65 100
 92 68.5 54.0 81.0
 138 101.8 75.0 112.6



#48
 Acenaphthylene
 Concen: 35.32 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion: 152 Resp: 604456
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 12.9 10.9 16.3

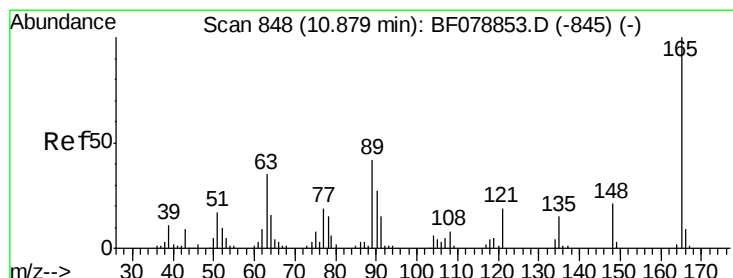
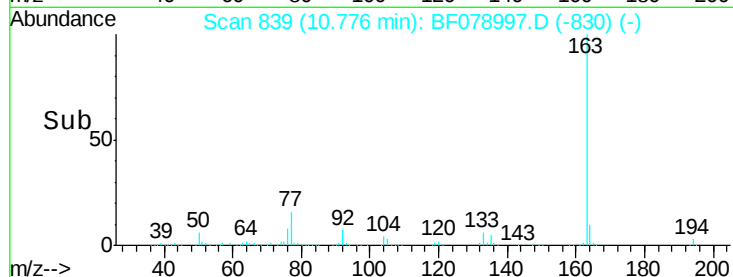
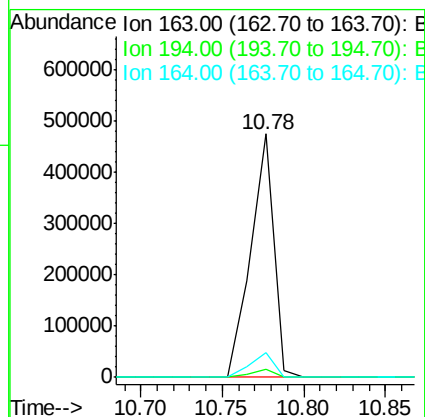
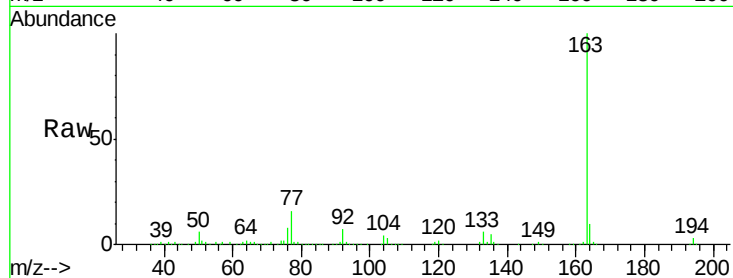




#49
Dimethylphthalate
Concen: 37.69 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

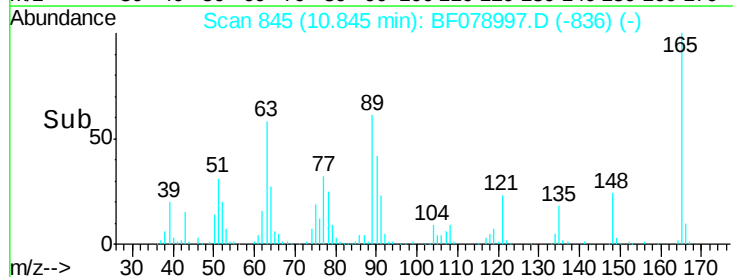
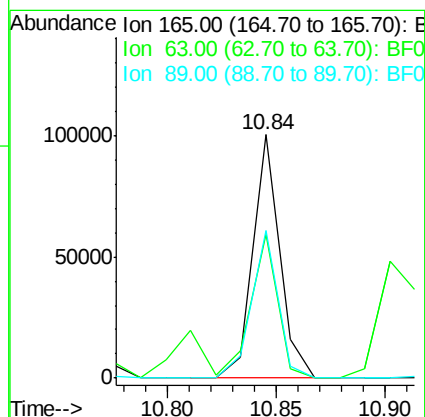
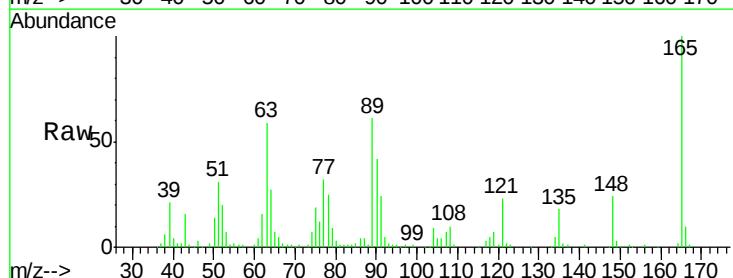
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

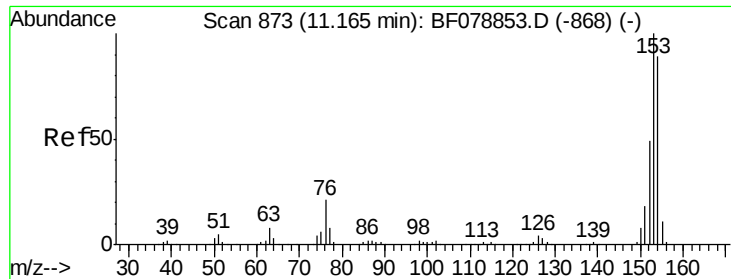
Tot Ion:163 Resp: 465023
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 35.23 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:165 Resp: 85785
Ion Ratio Lower Upper
165 100
63 58.8 54.4 81.6
89 60.8 55.7 83.5





#51

Acenaphthene

Concen: 33.77 ng

RT: 11.14 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

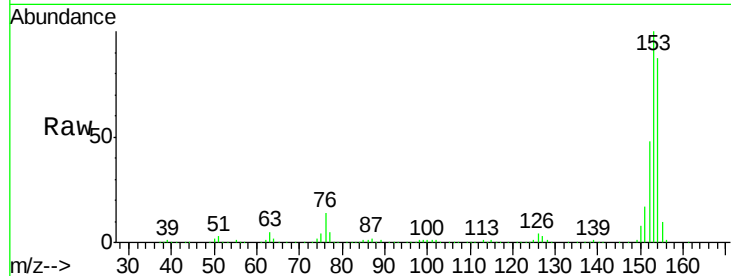
Tot Ion:154 Resp: 344693

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

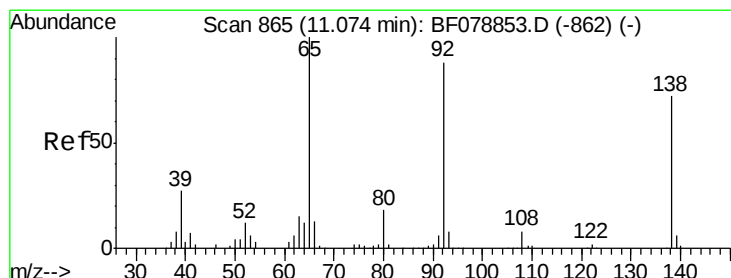
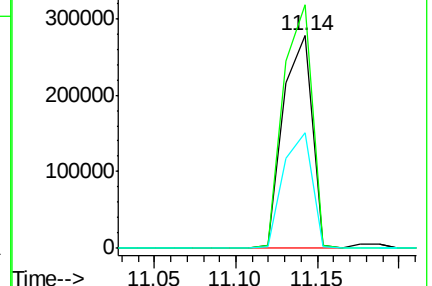
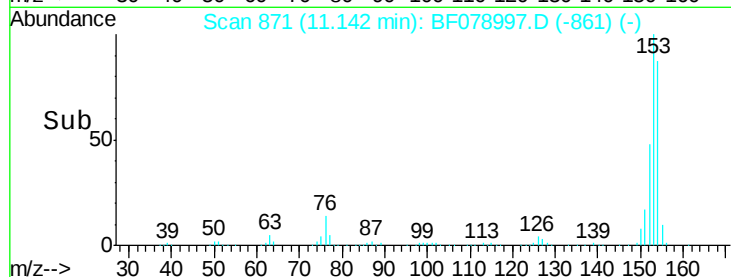
152 54.6 44.2 66.4



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: 32.09 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

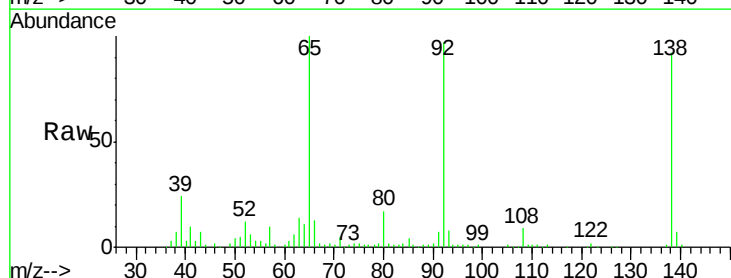
Tgt Ion:138 Resp: 97611

Ion Ratio Lower Upper

138 100

108 10.2 10.6 16.0#

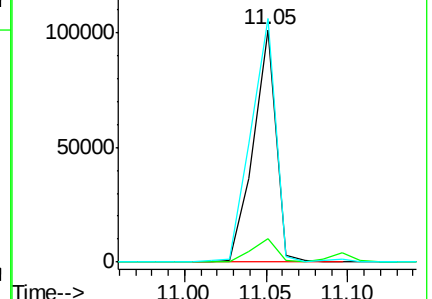
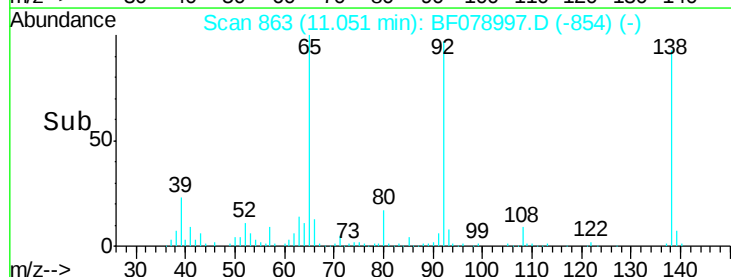
92 104.8 81.8 122.6

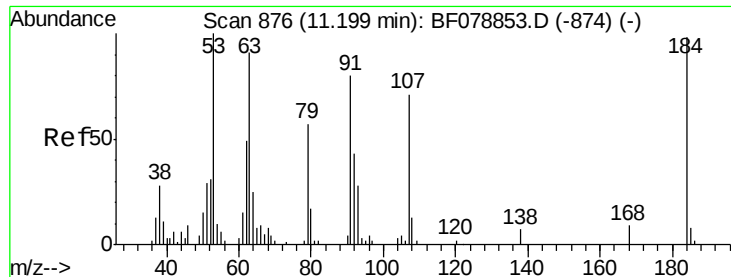


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

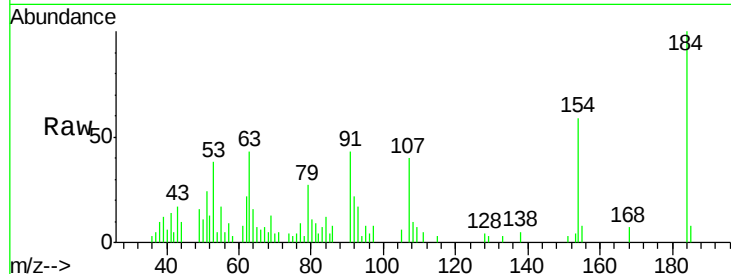




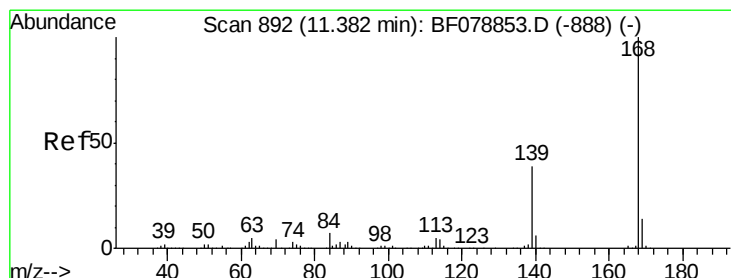
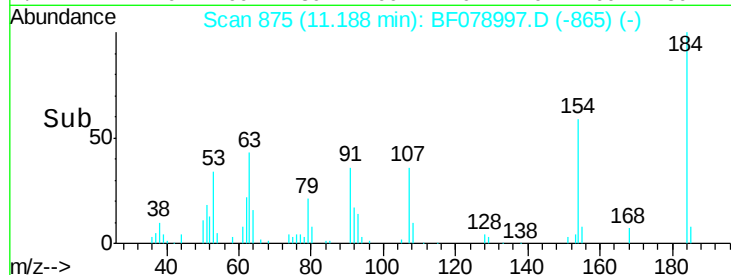
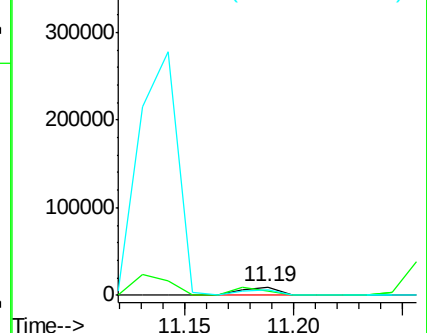
#53
2,4-Dinitrophenol
Concen: 22.70 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tot Ion:184 Resp: 11864
Ion Ratio Lower Upper
184 100
63 42.8 63.3 94.9#
154 58.6 53.8 80.6

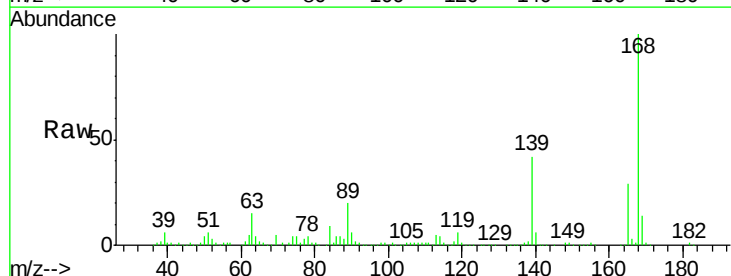


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

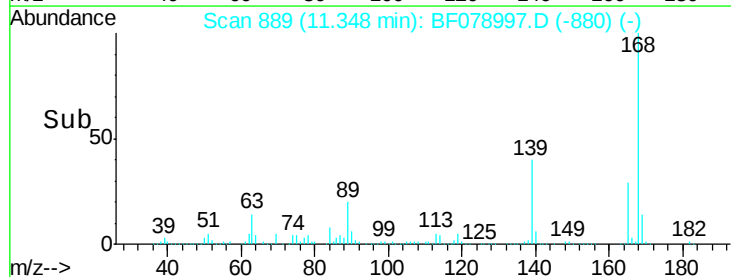
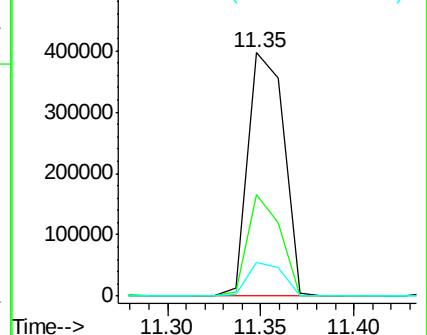


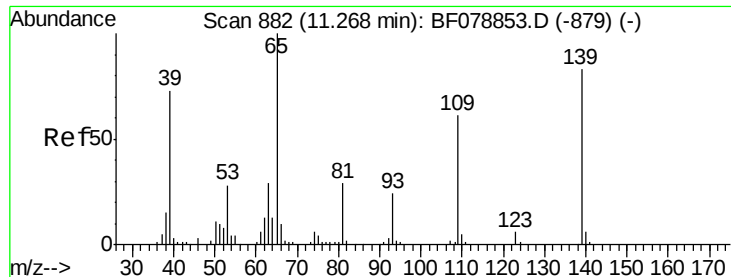
#54
Dibenzofuran
Concen: 35.91 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:168 Resp: 529371
Ion Ratio Lower Upper
168 100
139 41.6 31.0 46.4
169 13.8 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

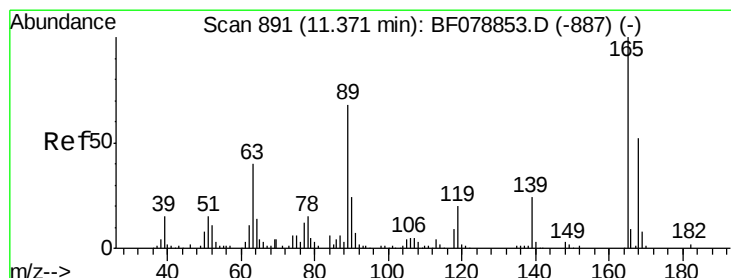
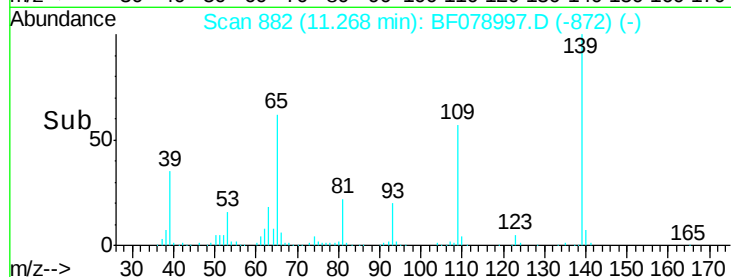
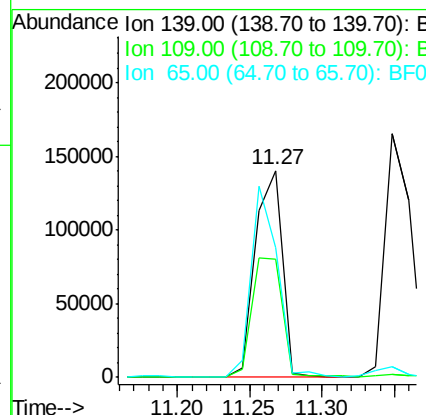
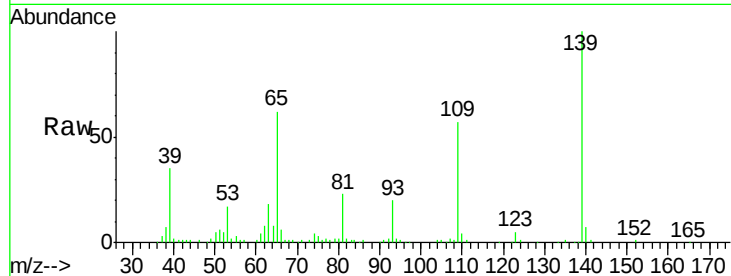




#55
4-Nitrophenol
Concen: 75.35 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

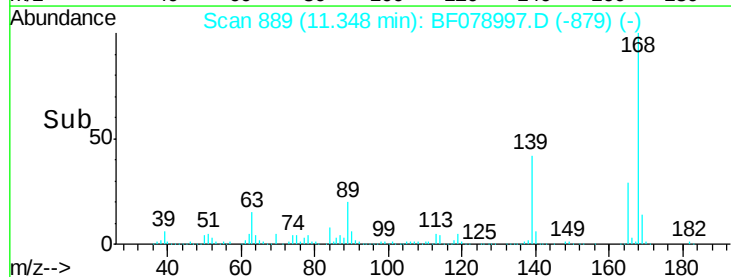
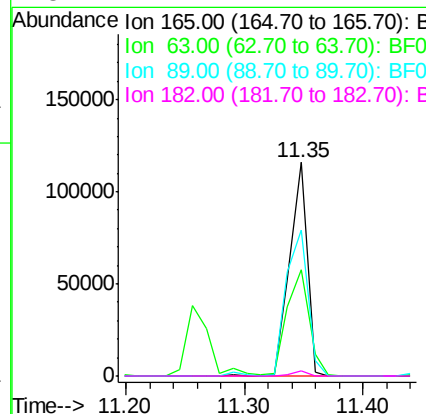
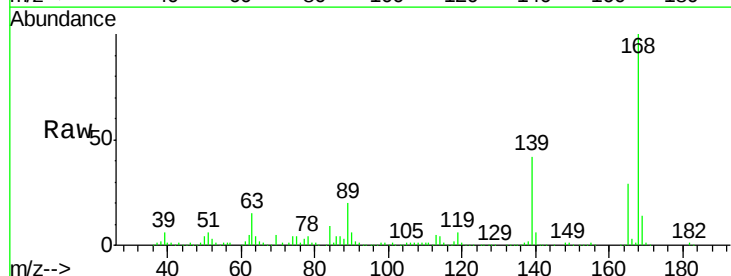
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

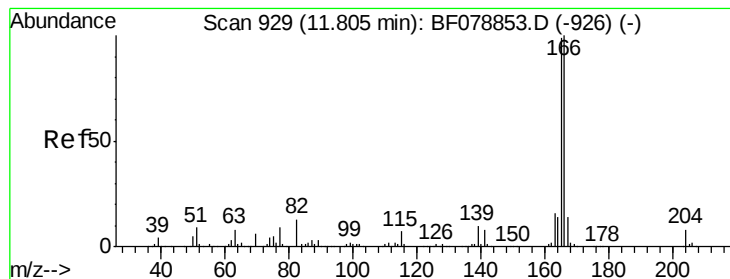
Tot Ion	Ratio	Lower	Upper
139	100		
109	57.2	47.6	87.6
65	62.5	54.3	94.3



#56
2,4-Dinitrotoluene
Concen: 36.56 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	51.2	76.8#
89	68.5	82.7	124.1#
182	2.2	1.4	2.2#





#57

Fluorene

Concen: 35.73 ng

RT: 11.78 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

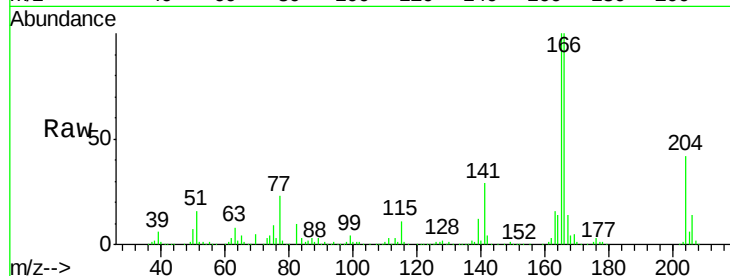
Tot Ion:166 Resp: 432391

Ion Ratio Lower Upper

166 100

165 99.5 78.5 117.7

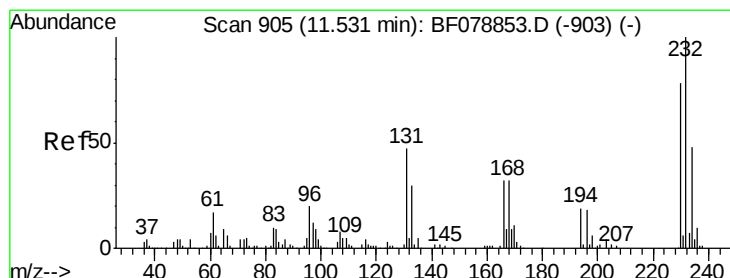
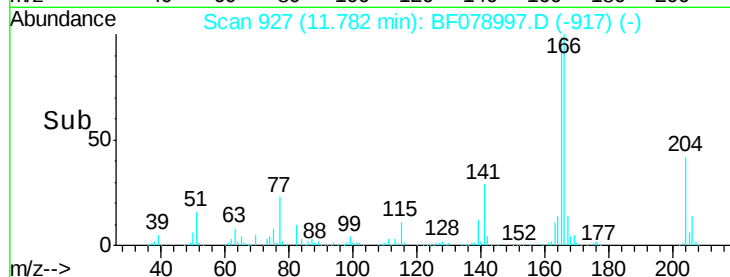
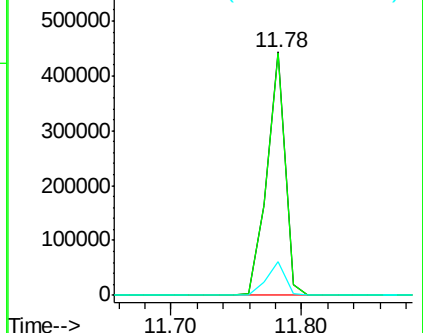
167 13.6 11.0 16.6



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: 36.58 ng

RT: 11.51 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Tgt Ion:232 Resp: 98361

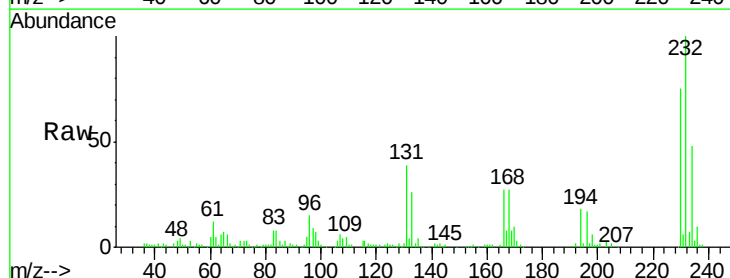
Ion Ratio Lower Upper

232 100

131 51.1 0.0 0.0#

130 2.7 0.0 0.0#

166 32.5 0.0 0.0#

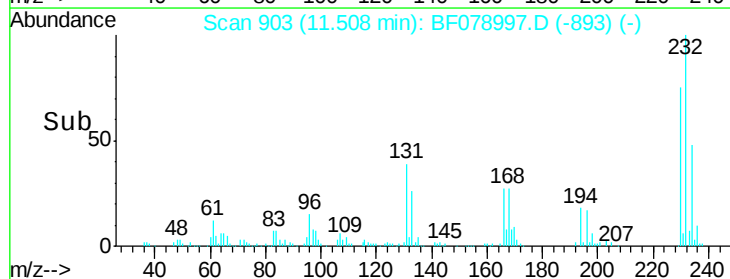
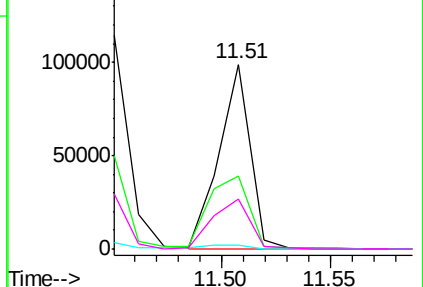


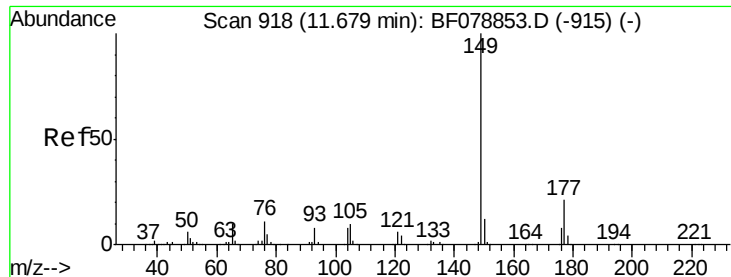
Abundance Ion 232.00 (231.70 to 232.70): E

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

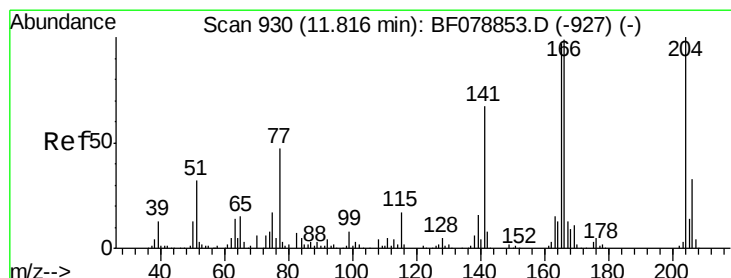
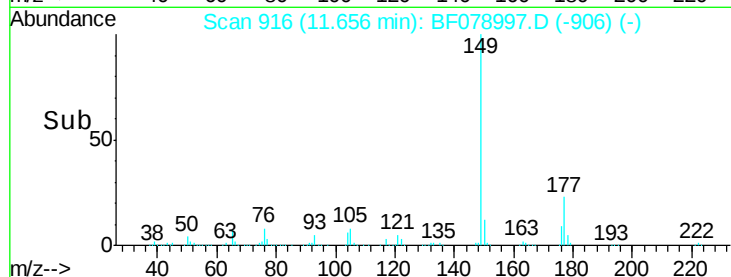
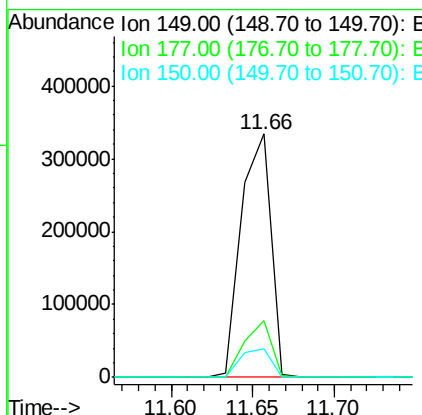
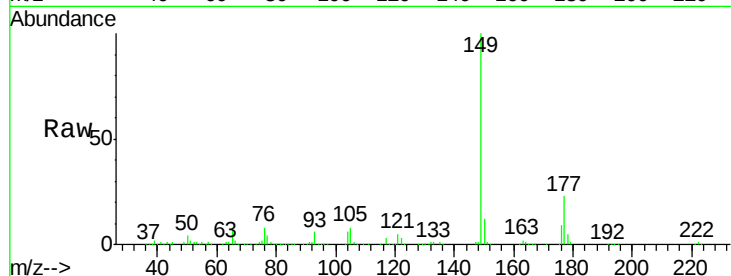




#59
Diethylphthalate
Concen: 34.40 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

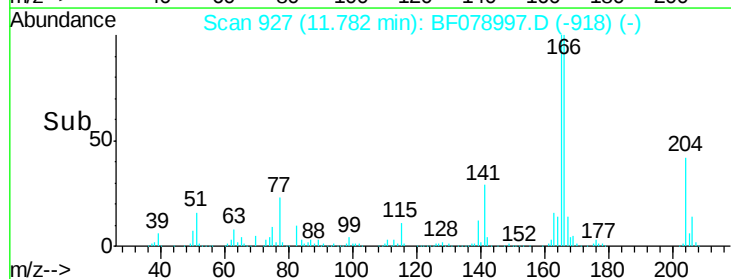
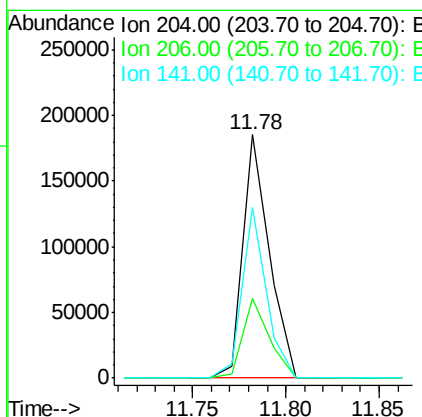
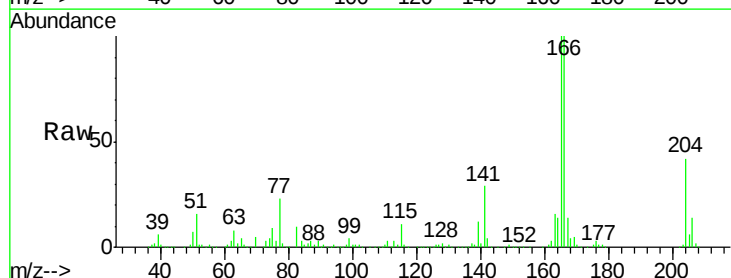
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

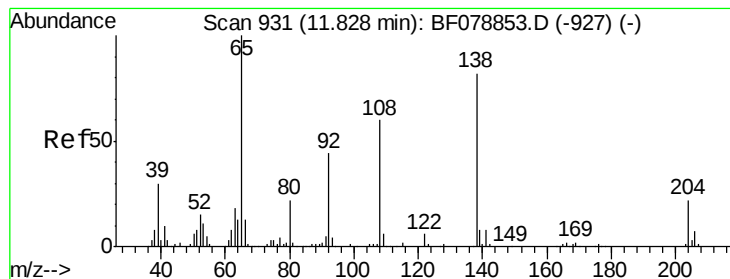
Tot Ion:149 Resp: 420444
Ion Ratio Lower Upper
149 100
177 23.2 17.5 26.3
150 11.9 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 34.00 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:204 Resp: 182536
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 69.9 48.3 72.5





#61

4-Nitroaniline

Concen: 34.66 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

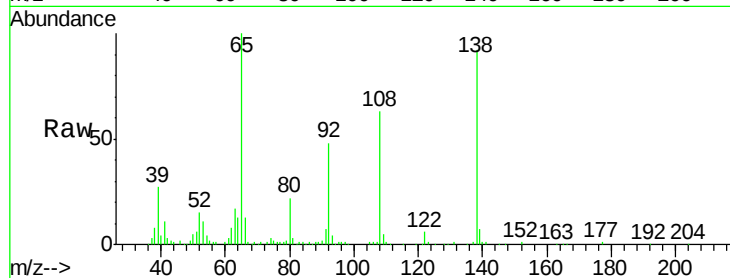
Tot Ion:138 Resp: 105467

Ion Ratio Lower Upper

138 100

92 51.9 28.0 68.0

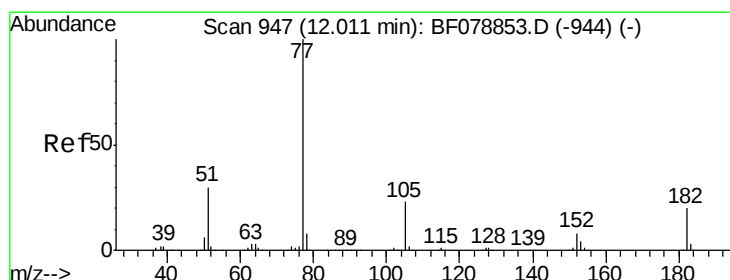
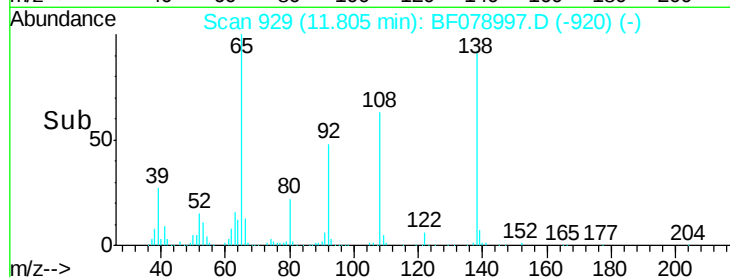
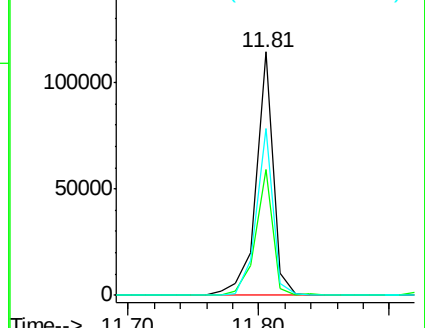
108 68.7 56.3 96.3



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: 35.57 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Tgt Ion: 77 Resp: 428368

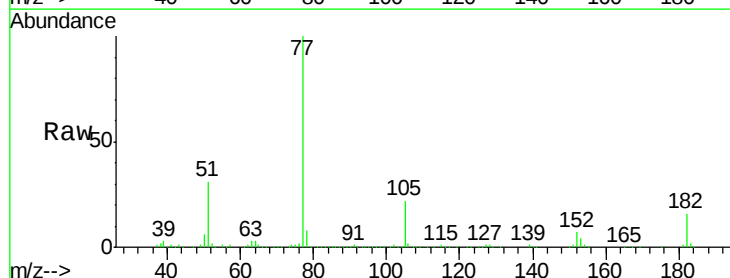
Ion Ratio Lower Upper

77 100

182 15.8 3.8 43.8

105 21.8 3.9 43.9

51 30.9 10.8 50.8

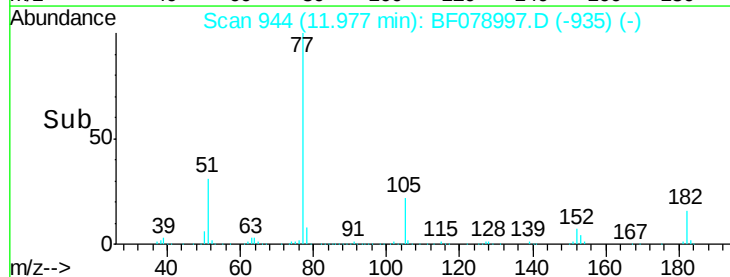
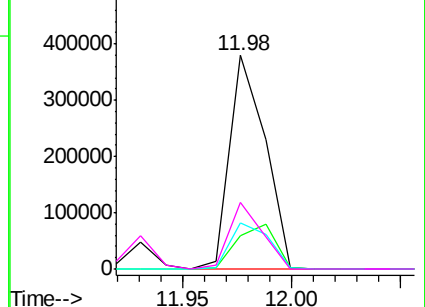


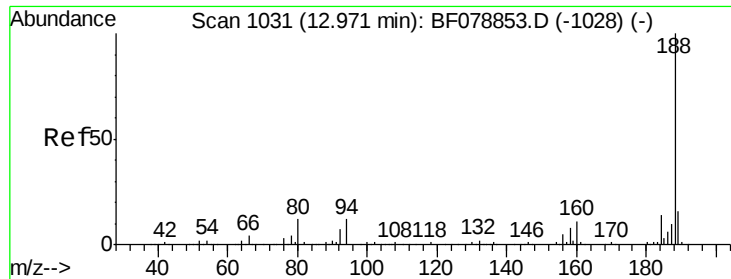
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

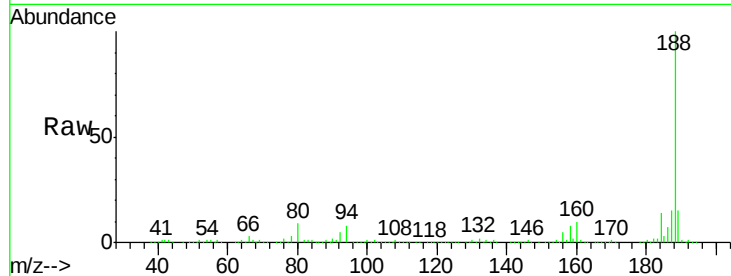




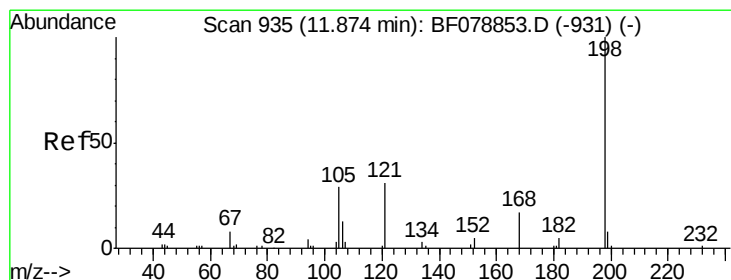
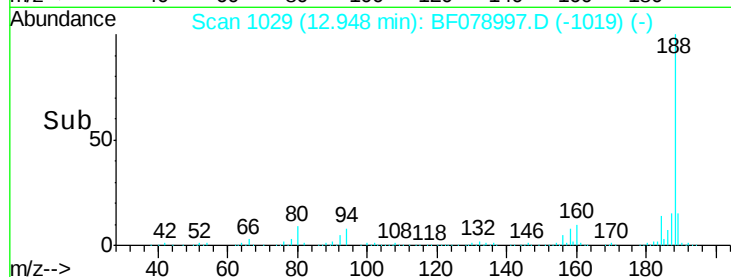
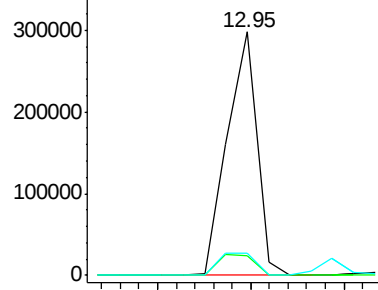
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.1	8.9	13.3

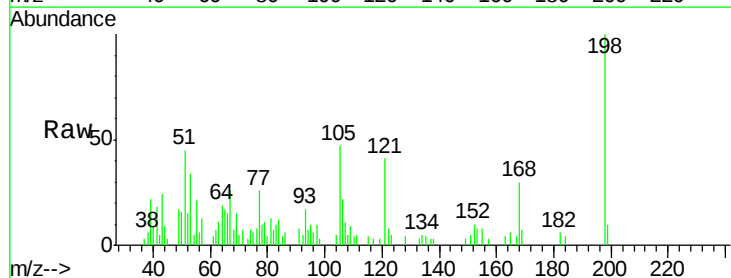


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

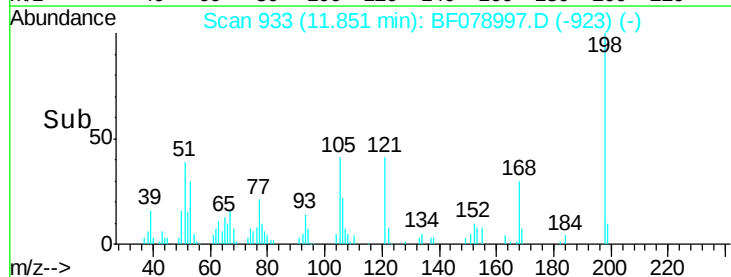
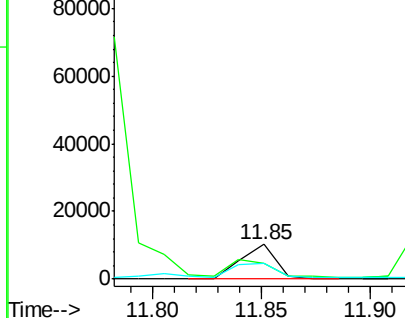


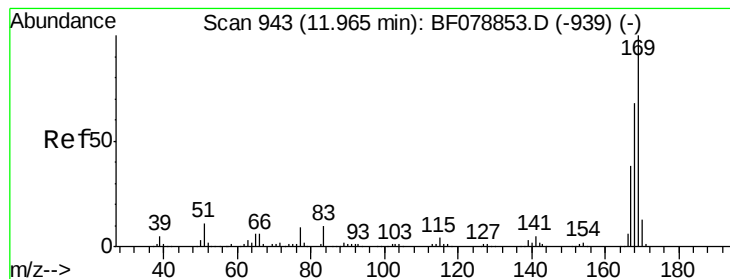
#64
4,6-Dinitro-2-methylphenol
Concen: 12.29 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.0	47.3	87.3#
105	46.6	38.8	78.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.34 ng

RT: 11.93 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

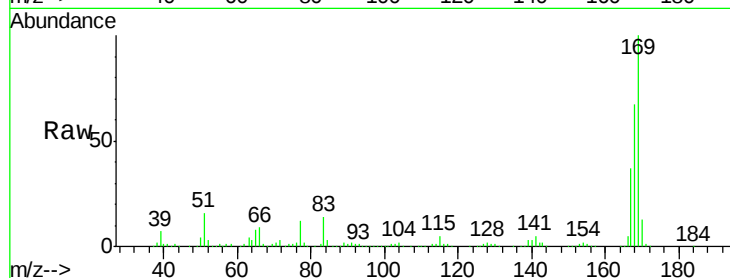
Tot Ion:169 Resp: 364133

Ion Ratio Lower Upper

169 100

168 67.4 54.6 82.0

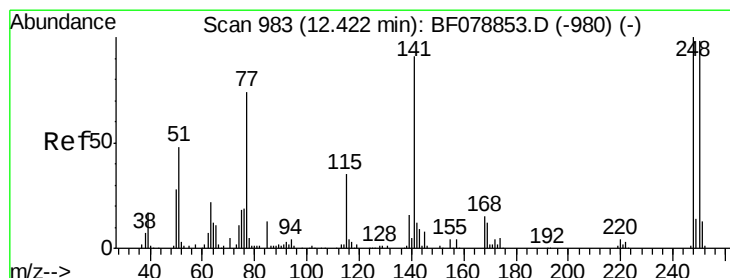
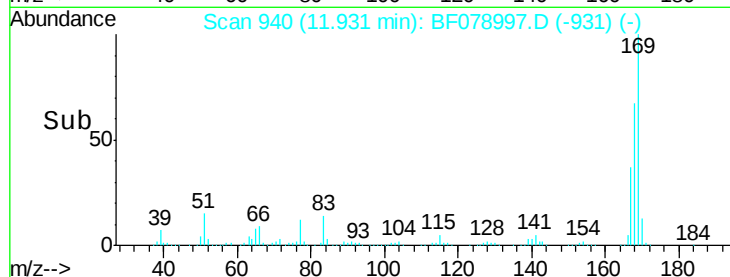
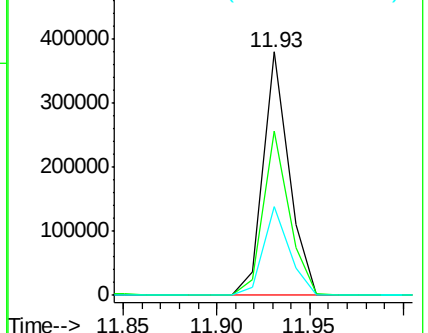
167 36.5 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.11 ng

RT: 12.40 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

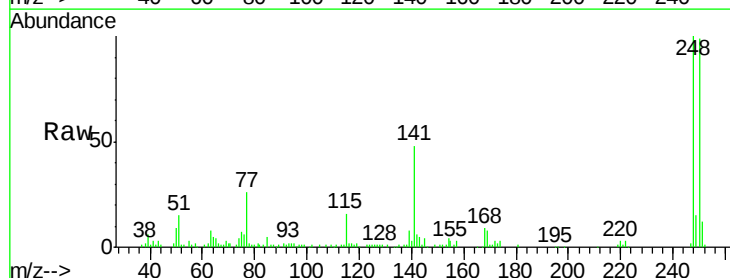
Tgt Ion:248 Resp: 116594

Ion Ratio Lower Upper

248 100

250 99.0 77.1 115.7

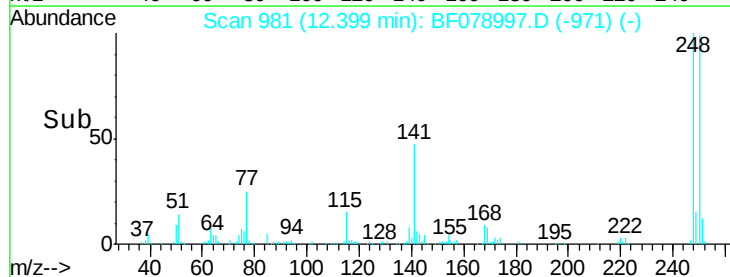
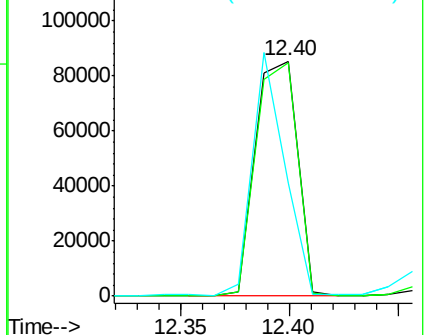
141 48.0 58.8 88.2#

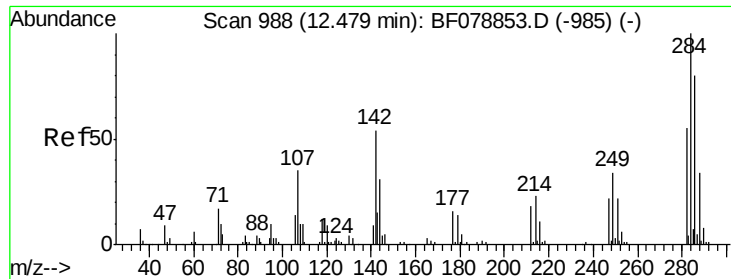


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

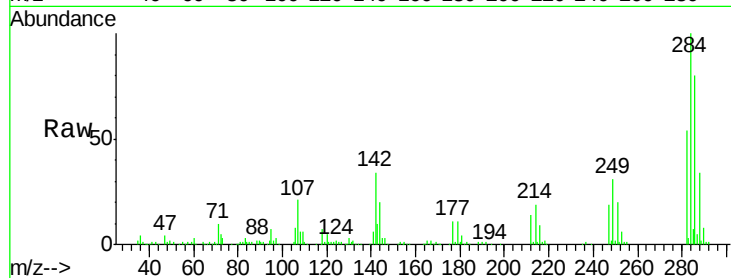




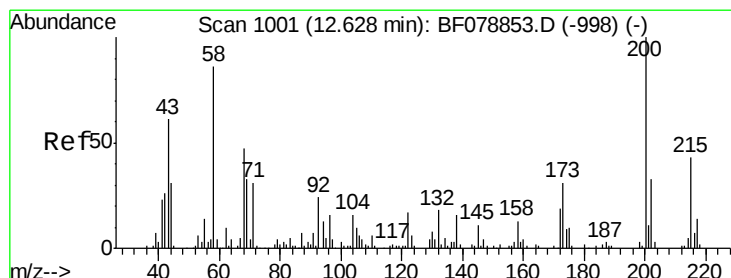
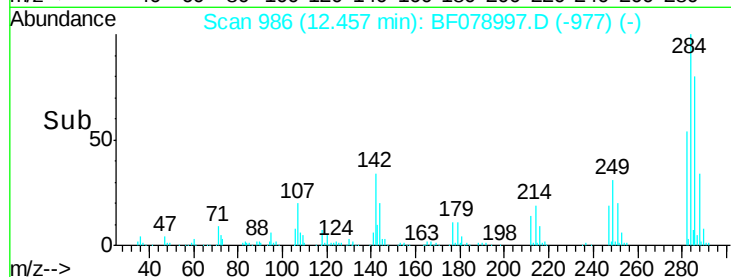
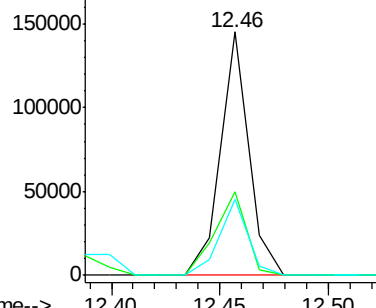
#67
Hexachlorobenzene
Concen: 33.57 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	35.2	52.8#
249	31.3	25.4	38.2

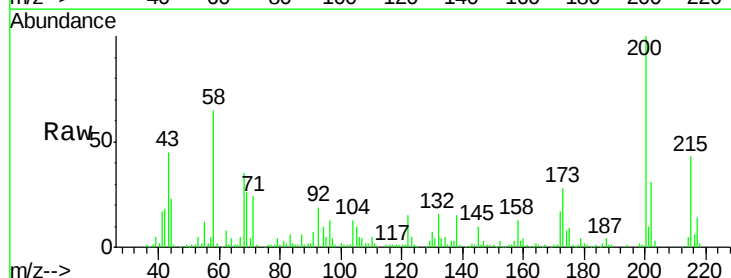


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

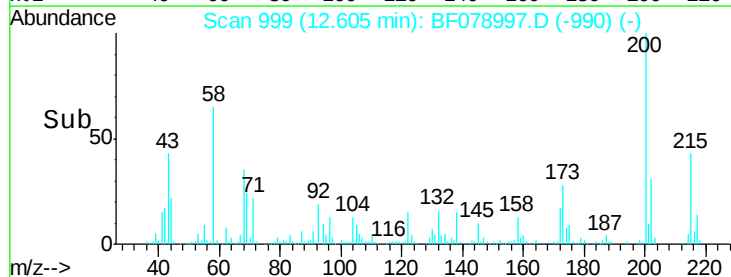
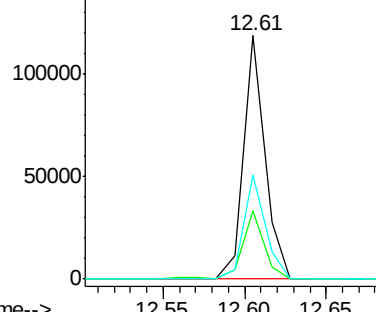


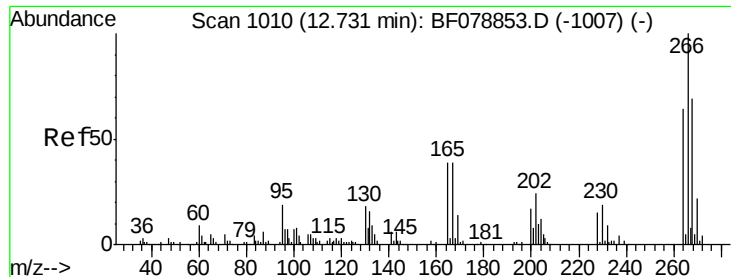
#68
Atrazine
Concen: 34.19 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	43.0	22.9	62.9



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

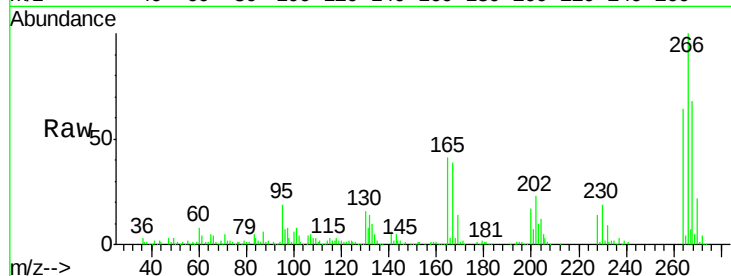




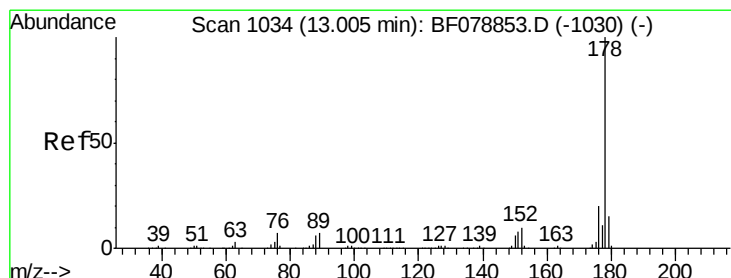
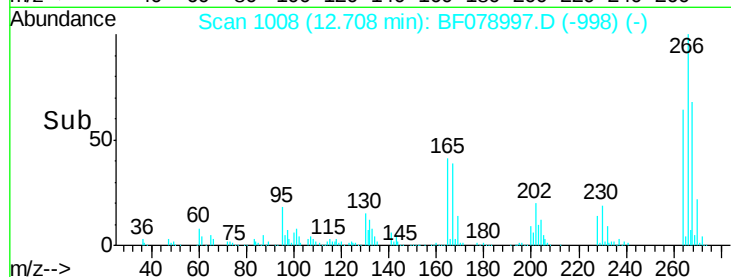
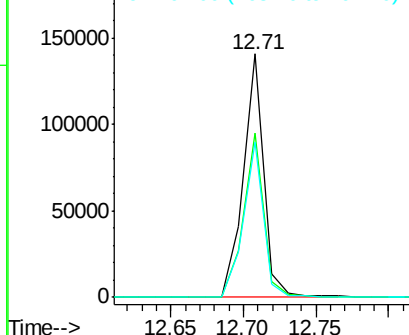
#69
 Pentachlorophenol
 Concen: 61.89 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion:266 Resp: 137594
 Ion Ratio Lower Upper
 266 100
 268 67.7 55.0 82.6
 264 63.5 48.2 72.2

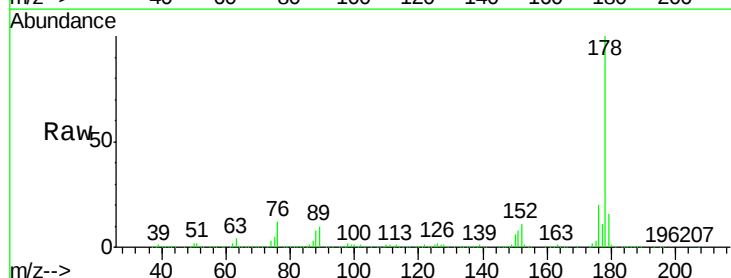


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

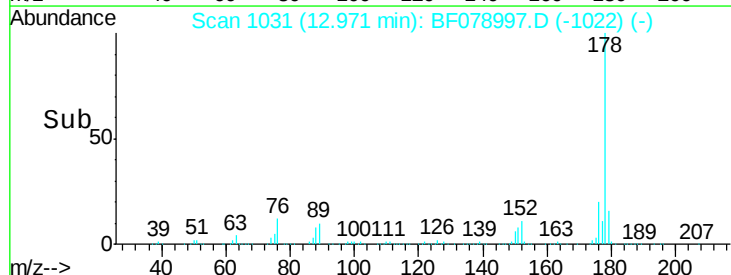
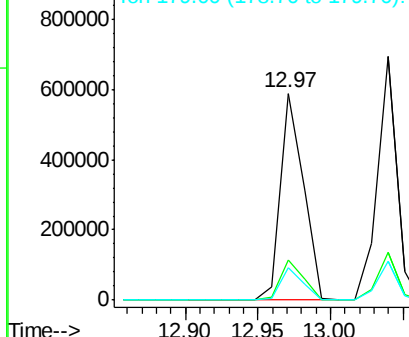


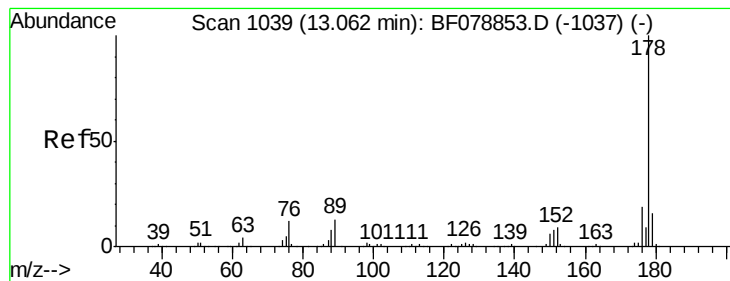
#70
 Phenanthrene
 Concen: 35.21 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:178 Resp: 645862
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 12.5 18.7



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





#71

Anthracene

Concen: 35.82 ng

RT: 13.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

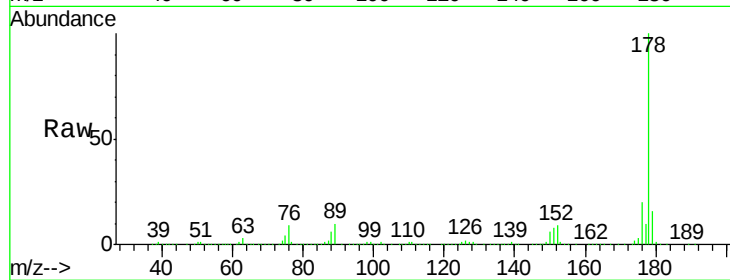
Tot Ion:178 Resp: 644672

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

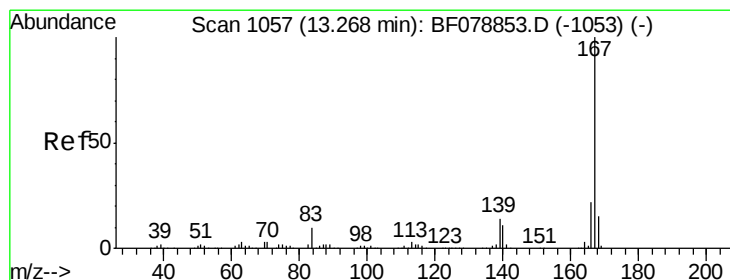
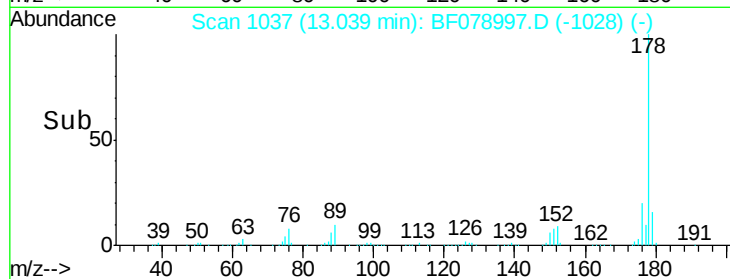
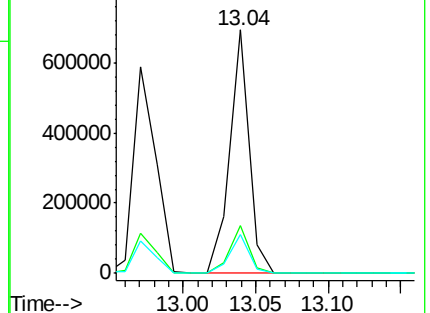
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.95 ng

RT: 13.25 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

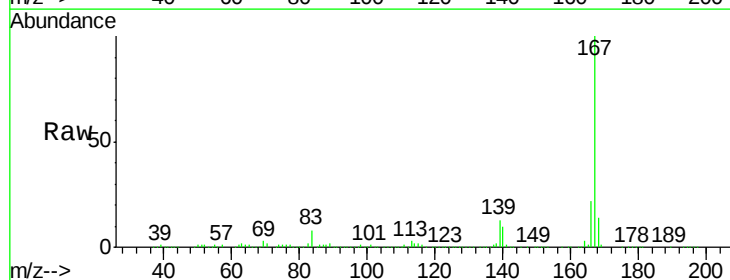
Tgt Ion:167 Resp: 633894

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

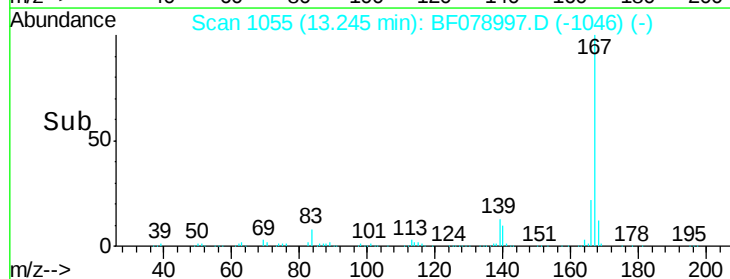
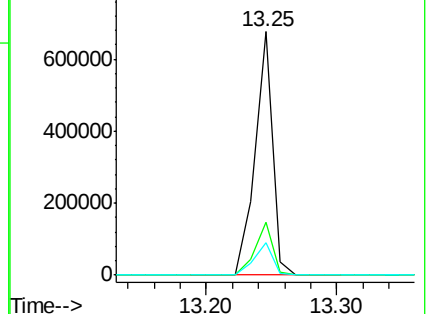
139 13.2 10.6 16.0

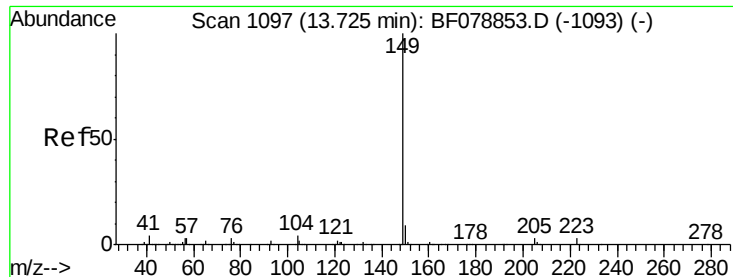


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

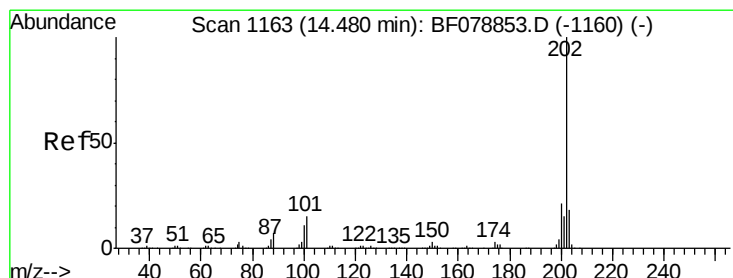
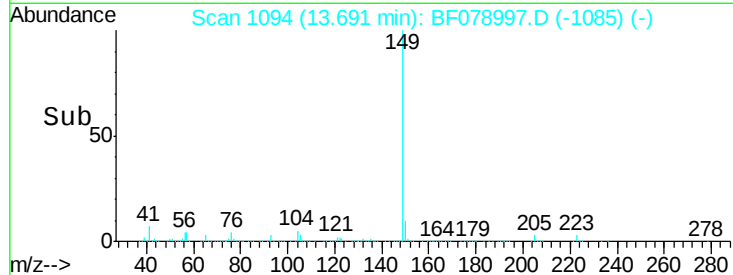
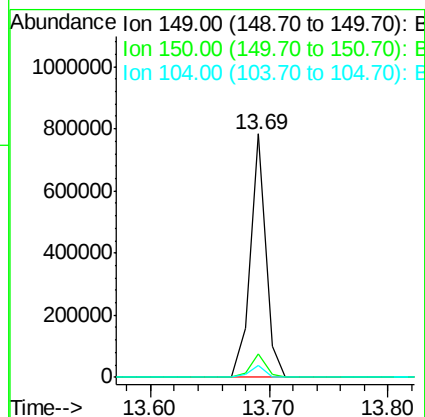
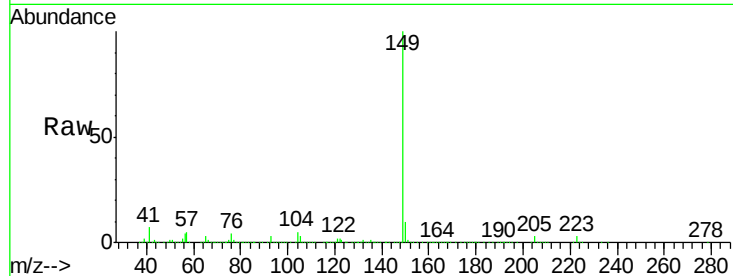




#73
Di-n-butylphthalate
Concen: 34.81 ng
RT: 13.69 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

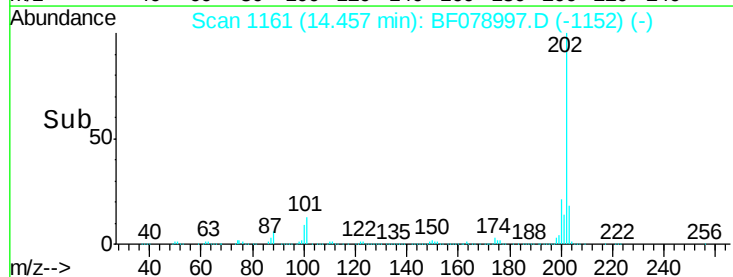
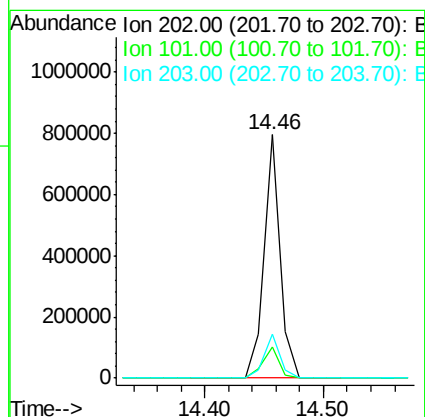
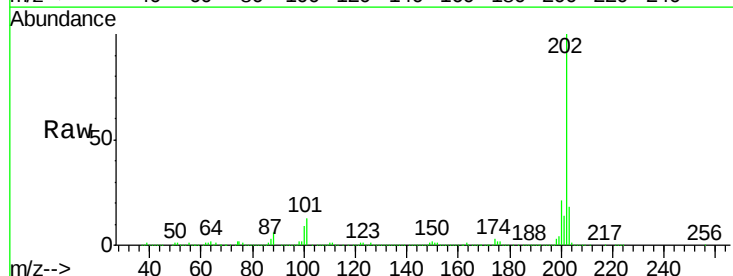
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

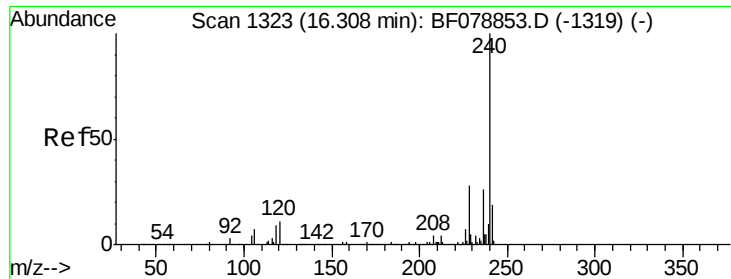
Tot Ion:149 Resp: 716023
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 4.8 4.6 7.0



#74
Fluoranthene
Concen: 39.34 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:202 Resp: 752089
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.6
203 18.2 0.0 38.4

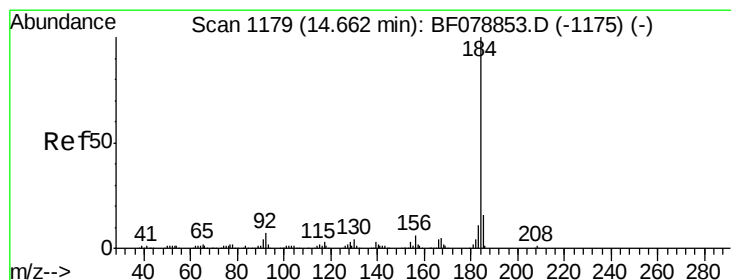
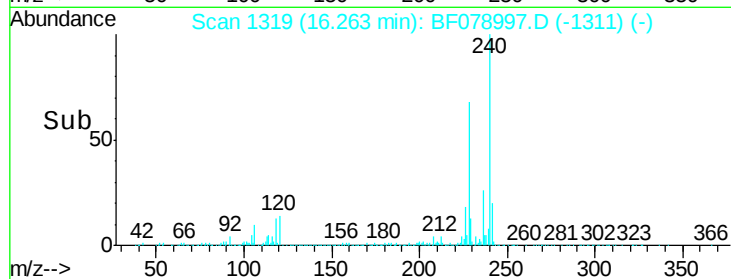
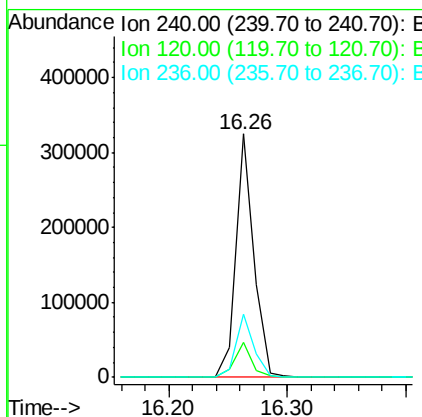
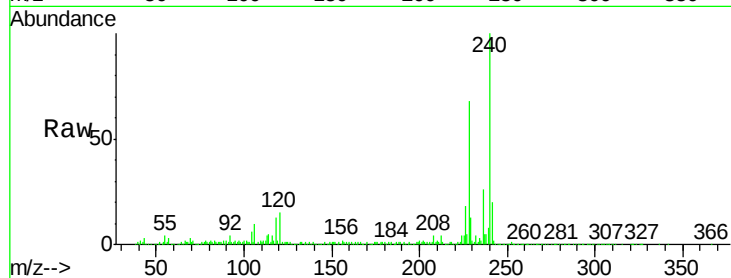




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

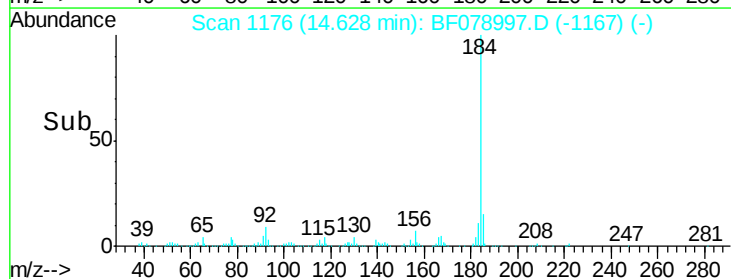
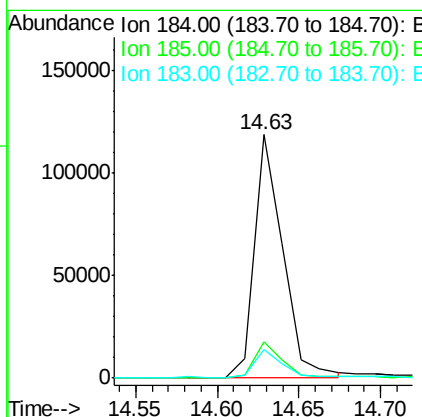
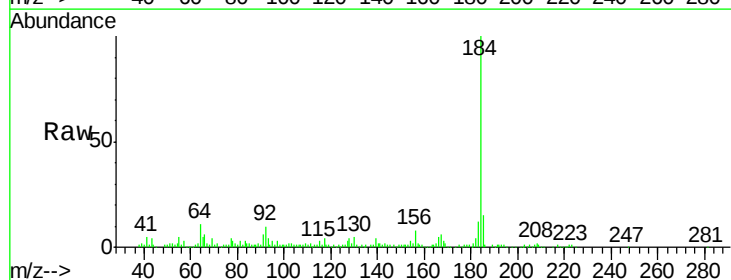
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

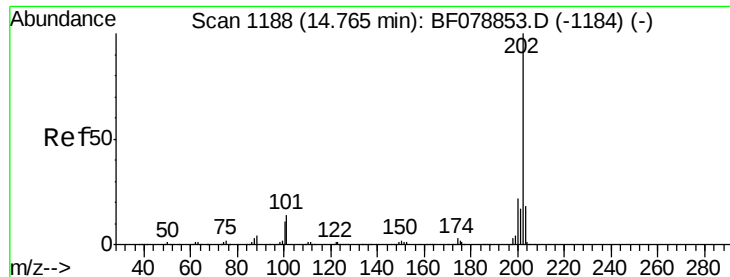
Tot Ion:240 Resp: 340309
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.7 14.5#
 236 25.7 20.2 30.4



#76
 Benzidine
 Concen: 15.58 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:184 Resp: 142898
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.3 18.5
 183 11.5 8.4 12.6





#77

Pvrene

Concen: 39.30 ng

RT: 14.74 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

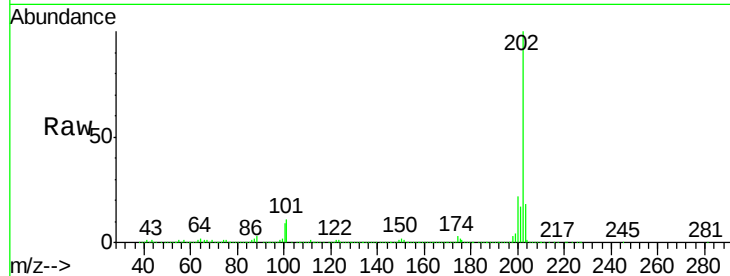
Tot Ion:202 Resp: 770671

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

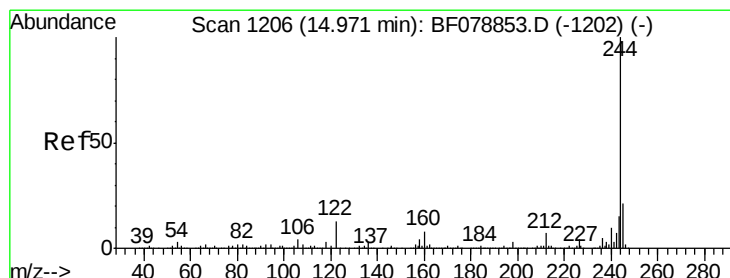
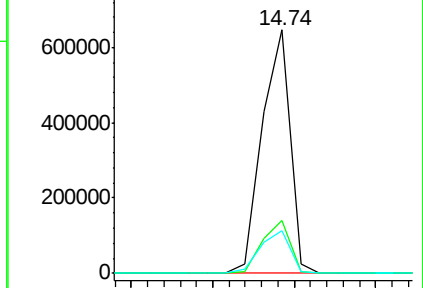
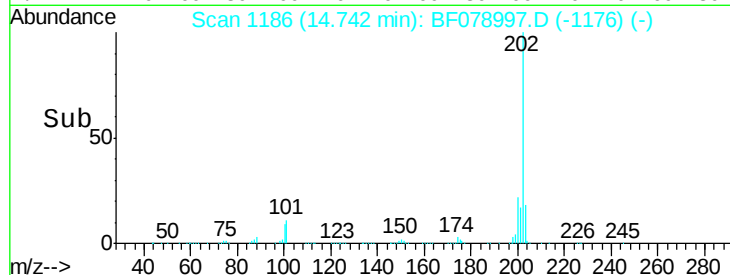
203 17.7 13.9 20.9



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: 57.09 ng

RT: 14.94 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

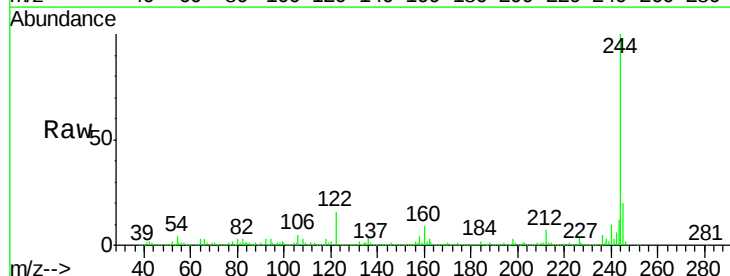
Tgt Ion:244 Resp: 811444

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

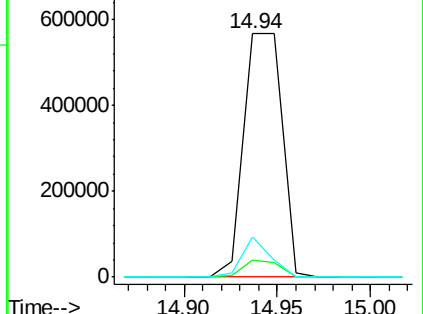
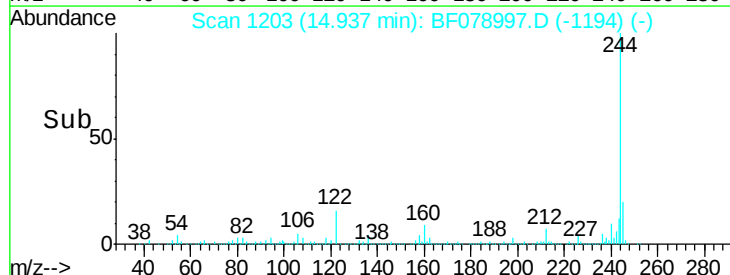
122 16.5 10.3 15.5#

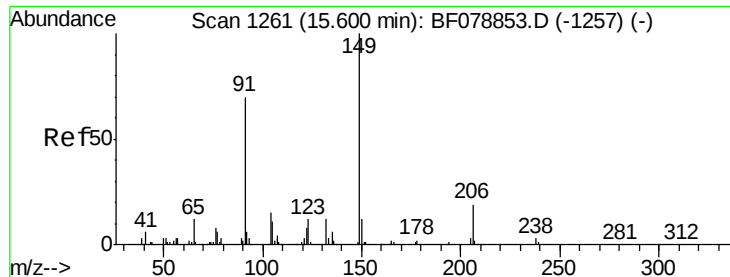


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

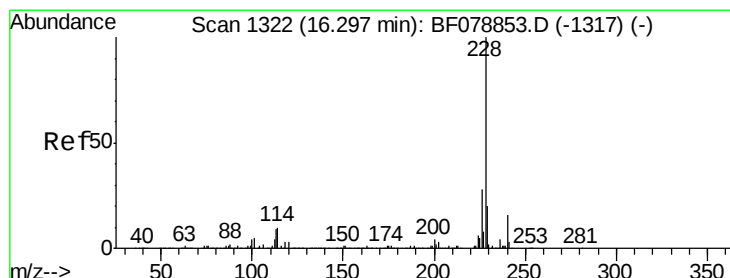
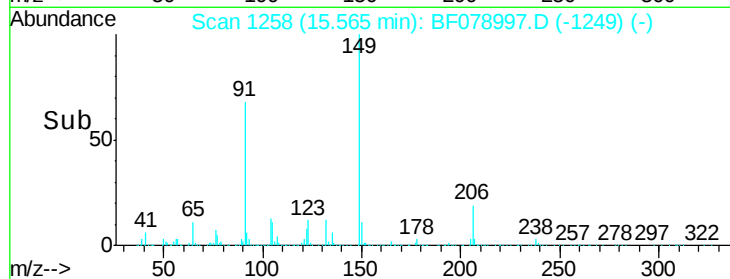
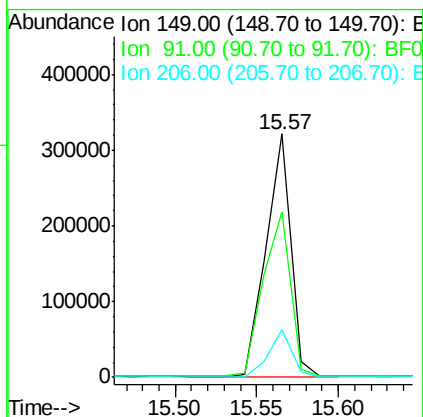
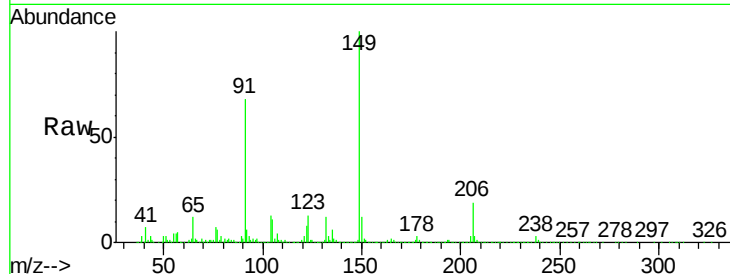




#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 15.57 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

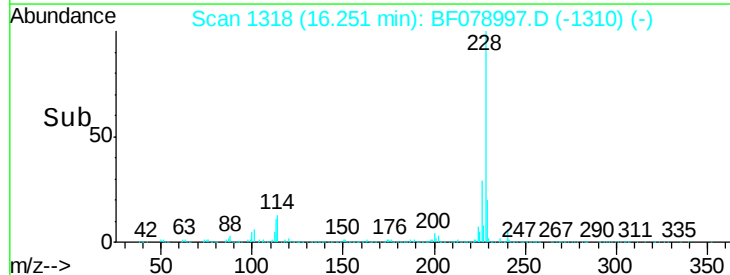
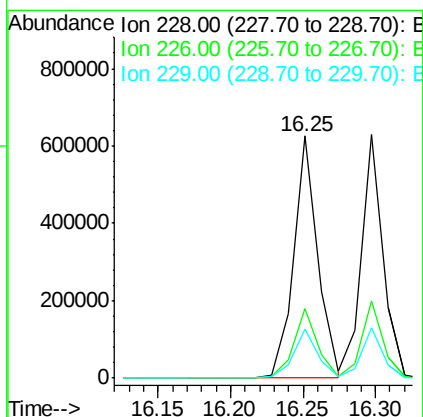
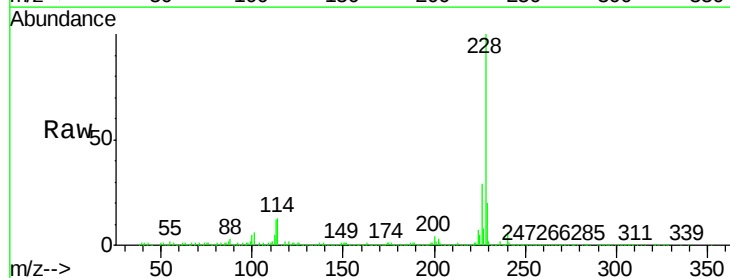
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

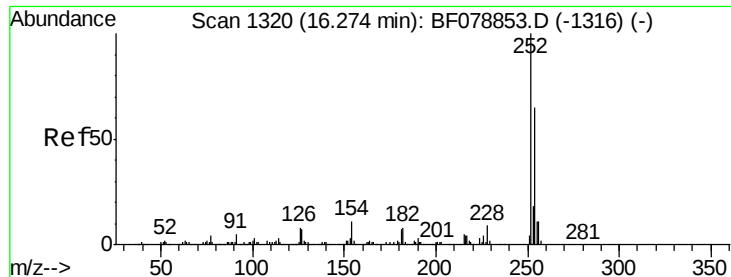
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	64.6	97.0
206	19.4	12.2	18.4



#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	15.9	23.9

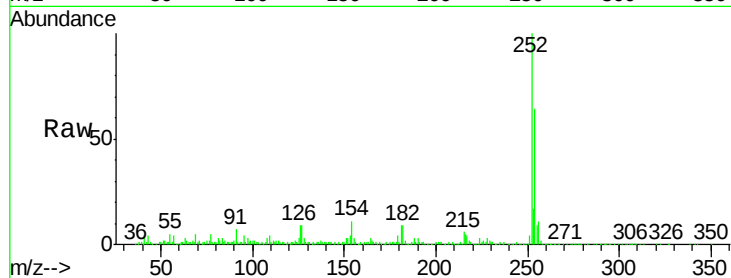




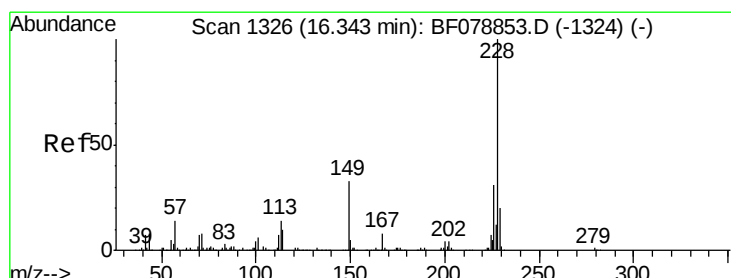
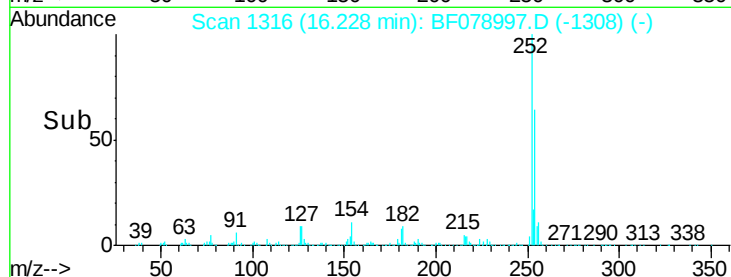
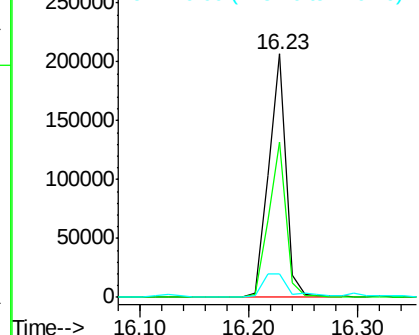
#81
 3,3'-Dichlorobenzidine
 Concen: 34.72 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion:252 Resp: 230484
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 9.5 6.6 10.0

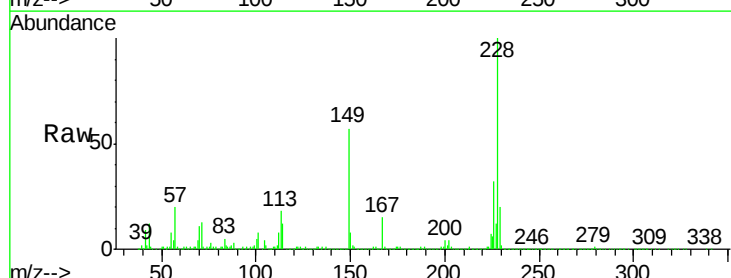


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

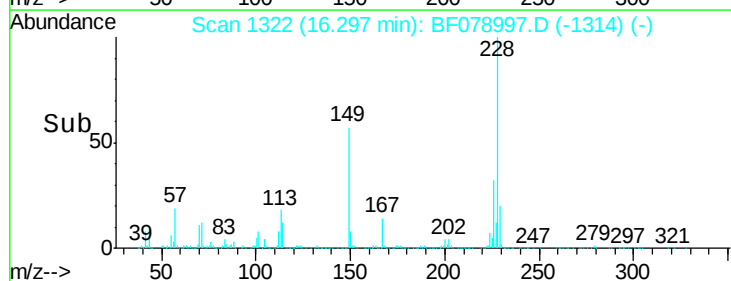
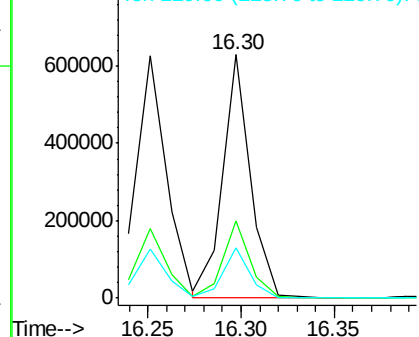


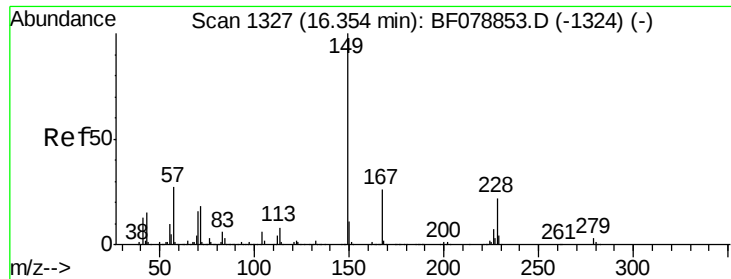
#82
 Chrysene
 Concen: 36.04 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:228 Resp: 645994
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.5 16.0 24.0



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

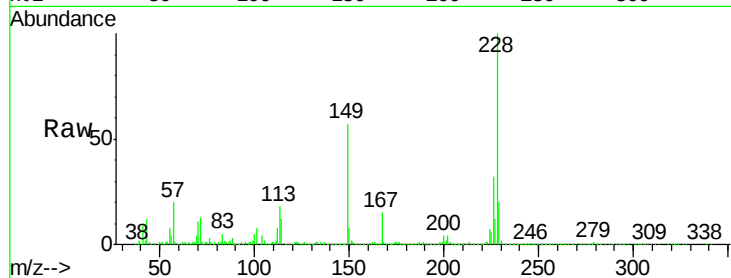




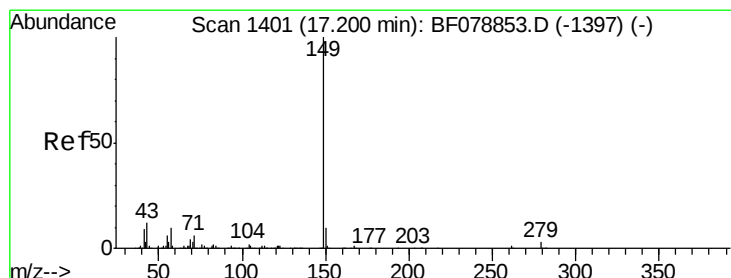
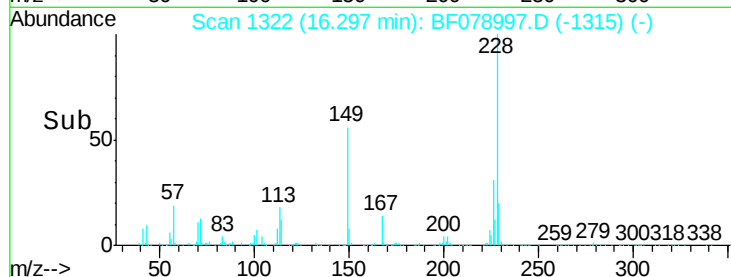
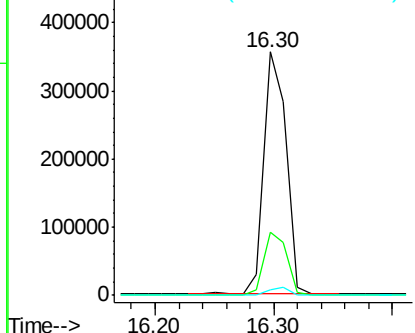
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.01 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.8	32.8
279	2.1	2.9	4.3

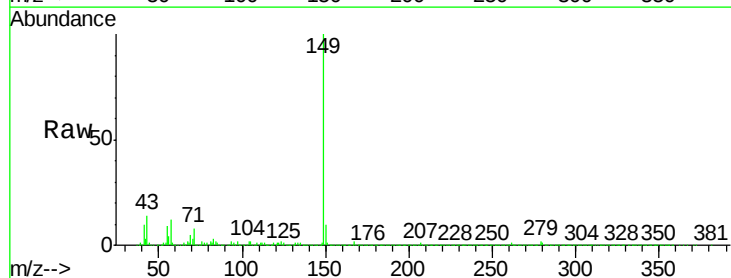


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

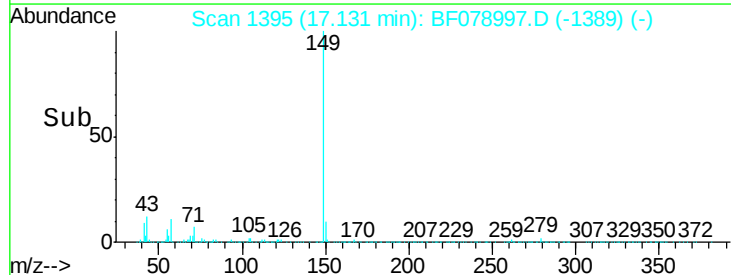
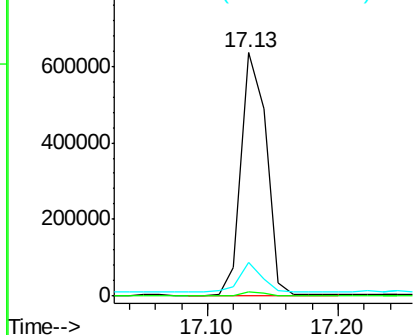


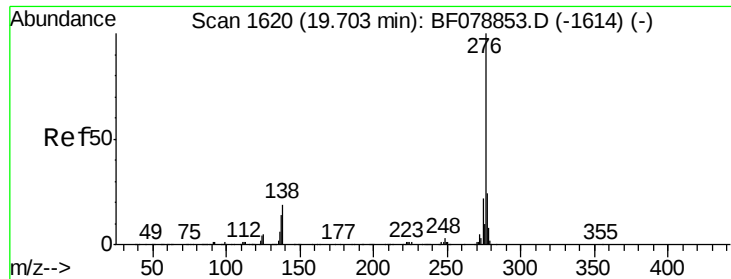
#84
 Di-n-octyl phthalate
 Concen: 36.97 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.03 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0
43	10.4	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

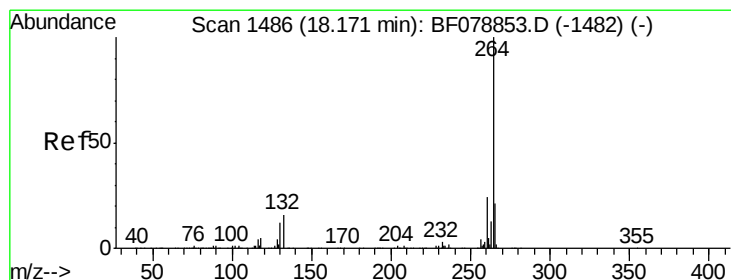
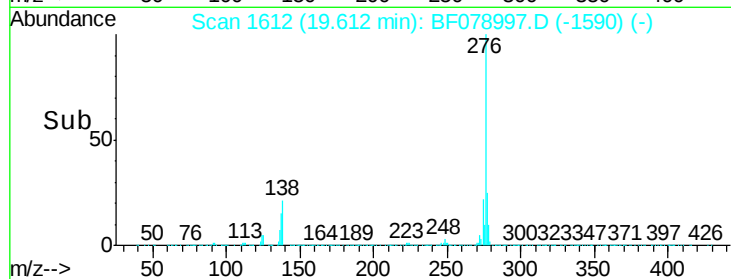
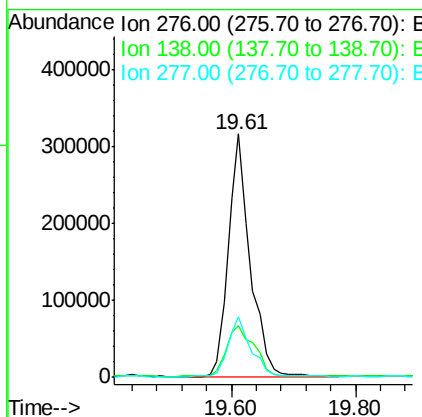
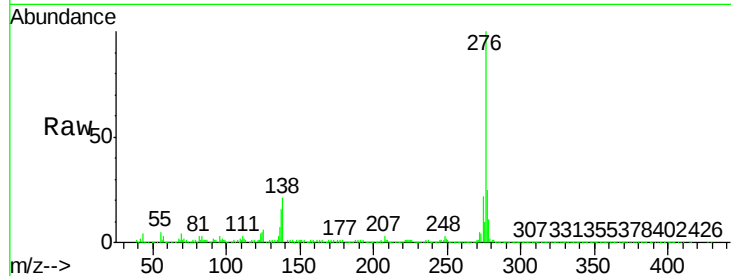




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.56 ng
 RT: 19.61 min Scan# 1612
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

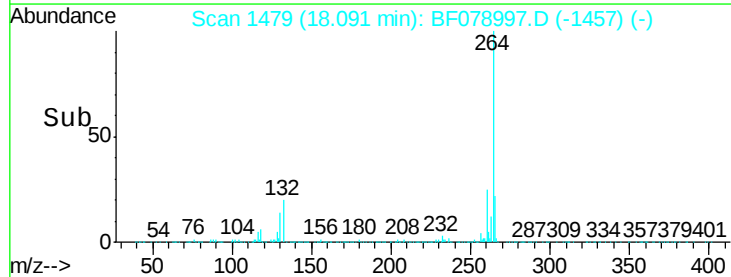
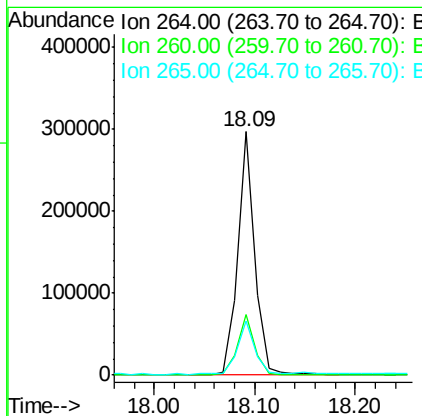
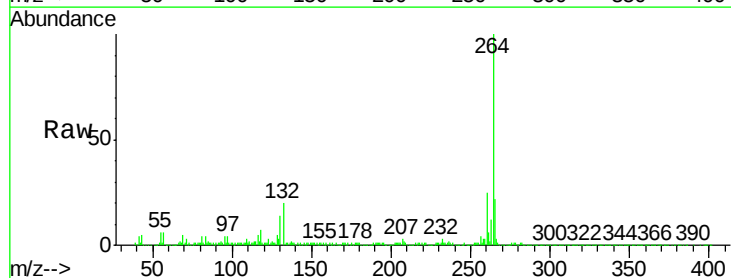
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

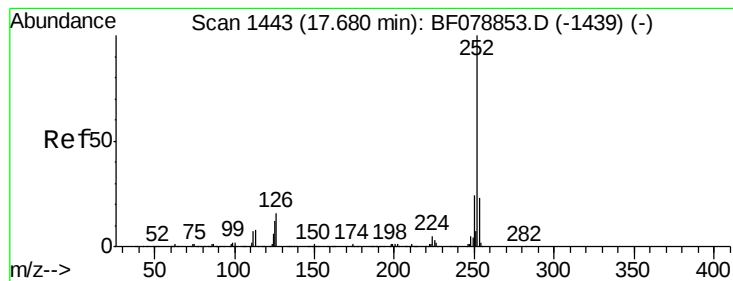
Tot Ion:276 Resp: 766423
 Ion Ratio Lower Upper
 276 100
 138 27.4 0.0 0.0#
 277 25.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:264 Resp: 344644
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.2 18.3 27.5





#87

Benzo(b)fluoranthene

Concen: 39.70 ng

RT: 17.62 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

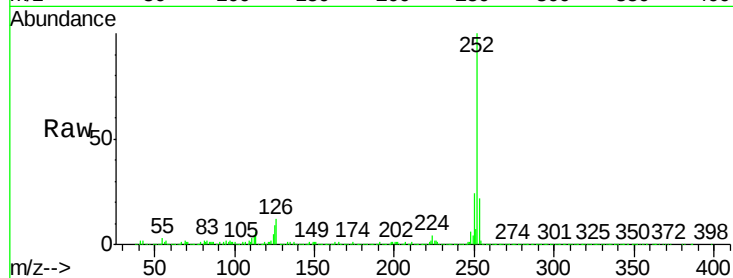
Tot Ion:252 Resp: 748930

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

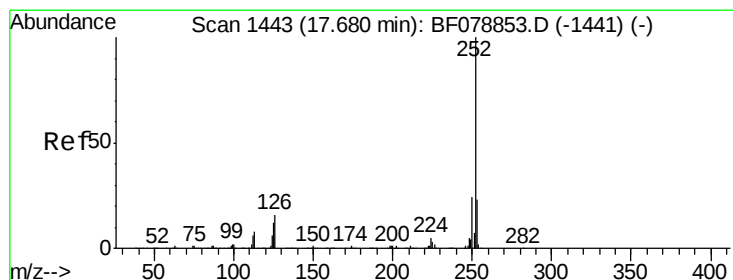
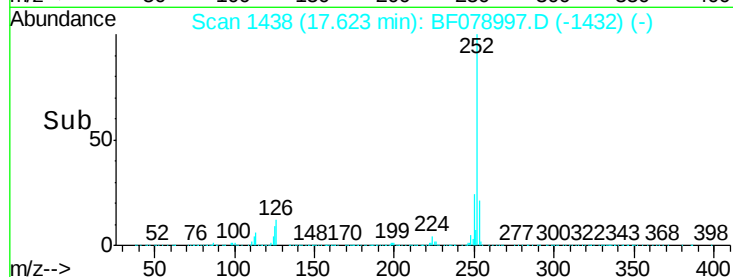
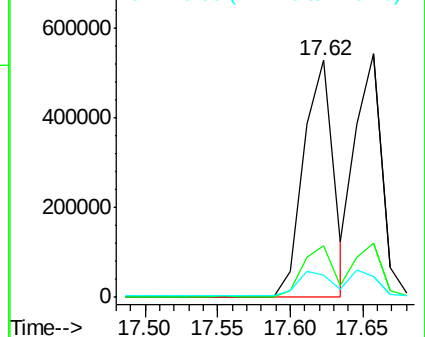
125 9.4 9.5 14.3#



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



#88

Benzo(k)fluoranthene

Concen: 37.40 ng

RT: 17.66 min Scan# 1441

Delta R.T. -0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

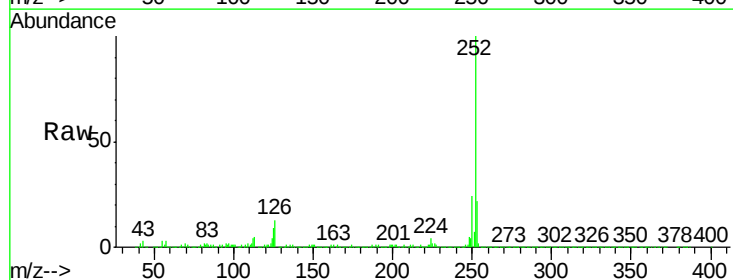
Tgt Ion:252 Resp: 682983

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

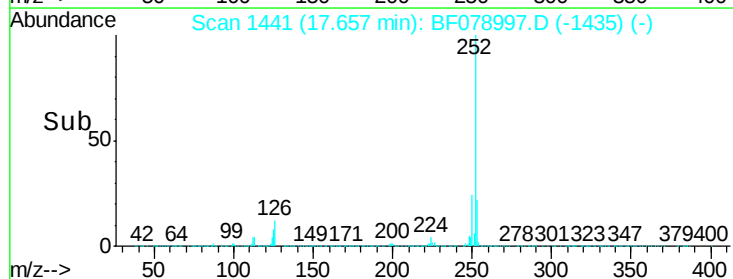
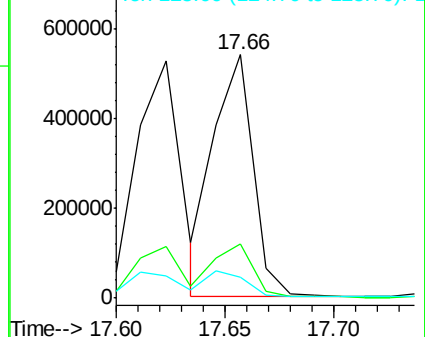
125 8.7 10.0 15.0#

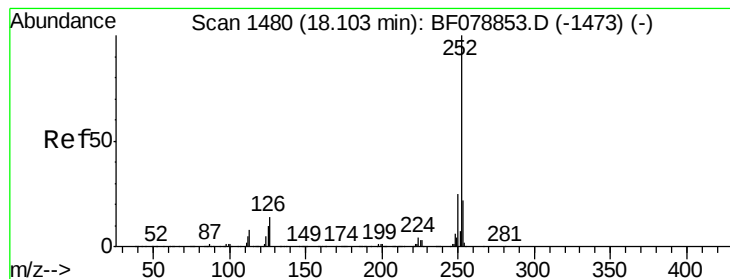


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.39 ng

RT: 18.02 min Scan# 1473

Delta R.T. -0.05 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

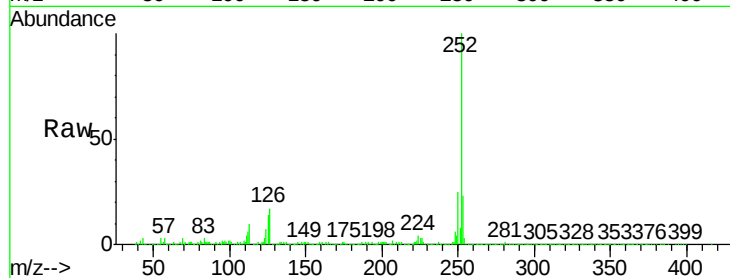
Tot Ion:252 Resp: 684136

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

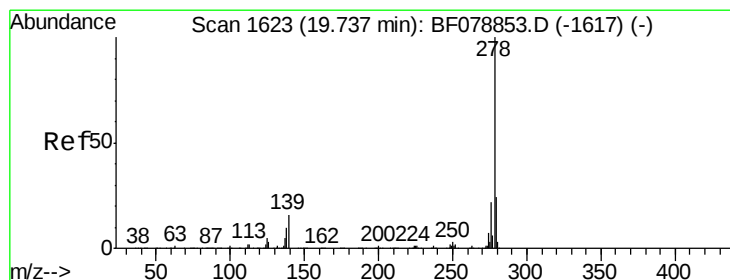
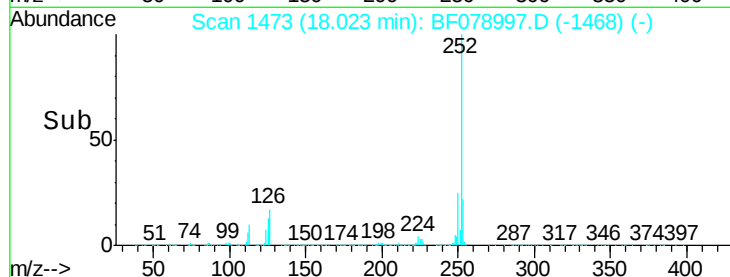
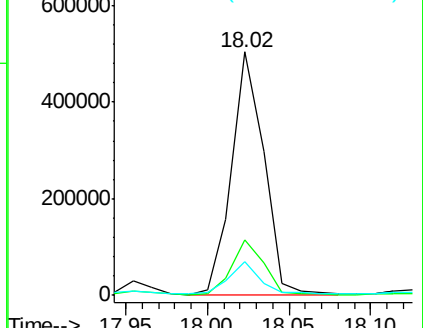
125 14.0 7.0 10.6#



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: 32.72 ng

RT: 19.65 min Scan# 1615

Delta R.T. -0.05 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

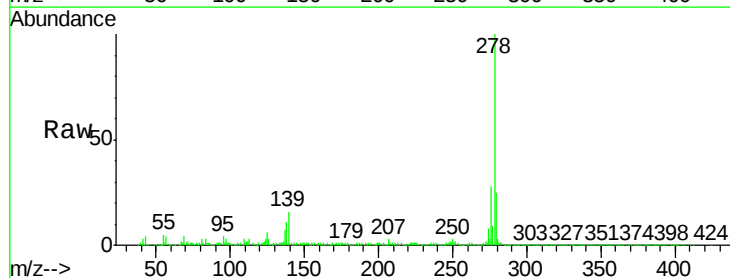
Tgt Ion:278 Resp: 603937

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

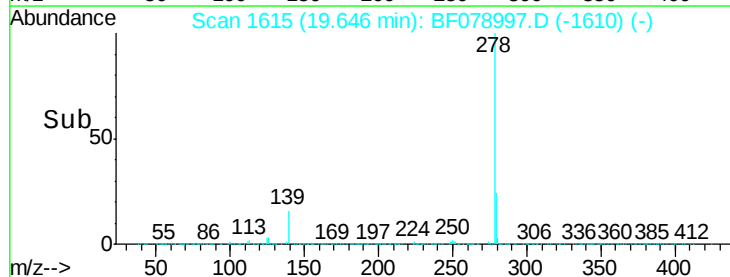
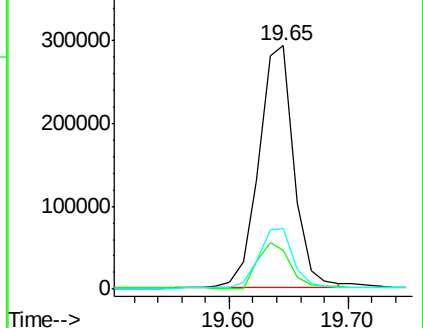
279 24.7 19.6 29.4

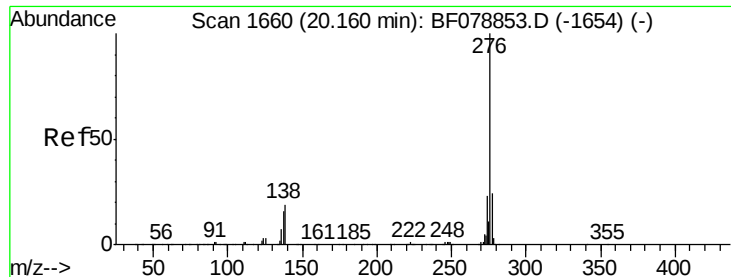


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.04 ng
 RT: 20.06 min Scan# 1651
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.4	17.4	26.0

