

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078855.D
 Acq On : 30 Apr 2015 17:58
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 18:36:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 18:01:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	74632	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	308481	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	147134	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	291072	20.00	ng	0.00
75) Chrysene-d12	16.26	240	306136	20.00	ng	-0.03
86) Perylene-d12	18.02	264	306914	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	92559	10.80	ng	0.00
7) Phenol-d6	6.91	99	124892	11.04	ng	-0.01
23) Nitrobenzene-d5	8.06	82	114783	10.75	ng	-0.01
41) 2,4,6-Tribromophenol	12.10	330	33238	10.20	ng	-0.01
44) 2-Fluorobiphenyl	10.30	172	239184	11.90	ng	0.00
78) Terphenyl-d14	14.97	244	291642	11.95	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	17864	9.38	ng	# 1
3) Pyridine	3.15	79	54786	9.92	ng	97
4) n-Nitrosodimethylamine	3.04	42	21316	8.84	ng	# 96
6) Aniline	6.96	93	85414	10.66	ng	99
8) 2-Chlorophenol	7.10	128	52321	10.83	ng	98
9) Benzaldehyde	6.82	77	42164	11.42	ng	99
10) Phenol	6.92	94	69757	10.60	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	51230	10.70	ng	97
12) 1,3-Dichlorobenzene	7.29	146	58354	10.91	ng	96
13) 1,4-Dichlorobenzene	7.39	146	61536	11.17	ng	97
14) 1,2-Dichlorobenzene	7.58	146	57537	11.15	ng	100
15) Benzyl Alcohol	7.54	79	43987	10.36	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.72	45	79027	10.90	ng	98
17) 2-Methylphenol	7.68	107	40699	10.30	ng	95
18) Hexachloroethane	8.00	117	20952	10.81	ng	98
19) n-Nitroso-di-n-propylamine	7.87	70	38956	10.10	ng	97
20) 3+4-Methylphenols	7.87	107	54203	10.23	ng	98
22) Acetophenone	7.87	105	76321	11.35	ng	96
24) Nitrobenzene	8.08	77	59494	11.31	ng	97
25) Isophorone	8.38	82	103886	10.50	ng	96
26) 2-Nitrophenol	8.48	139	21085	8.96	ng	95
27) 2,4-Dimethylphenol	8.54	122	43668	9.76	ng	98
28) bis(2-Chloroethoxy)methane	8.66	93	64391	10.49	ng	98
29) 2,4-Dichlorophenol	8.76	162	40756	10.30	ng	94
30) 1,2,4-Trichlorobenzene	8.88	180	46451	11.06	ng	100
31) Naphthalene	8.97	128	159901	11.30	ng	99
33) 4-Chloroaniline	9.04	127	66828	10.87	ng	96
34) Hexachlorobutadiene	9.13	225	25795	10.69	ng	95
35) Caprolactam	9.45	113	12185	9.54	ng	90
36) 4-Chloro-3-methylphenol	9.63	107	41033	9.67	ng	90
37) 2-Methylnaphthalene	9.83	142	107154	10.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	45418	11.29	ng	# 100
40) Hexachlorocyclopentadiene	10.02	237	19448	9.21	ng	98
42) 2,4,6-Trichlorophenol	10.18	196	30698	10.69	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.22	196	29031	9.96	nq	92
45) 1,1'-Biphenyl	10.41	154	126099	11.13	nq	98
46) 2-Chloronaphthalene	10.43	162	99776	11.36	nq	98
47) 2-Nitroaniline	10.56	65	26537	9.72	nq	91
48) Acenaphthylene	10.95	152	165172	11.31	nq	99
49) Dimethylphthalate	10.80	163	119504	11.49	nq	99
50) 2,6-Dinitrotoluene	10.87	165	20458	9.52	nq	97
51) Acenaphthene	11.17	154	99887	11.60	nq	98
52) 3-Nitroaniline	11.07	138	27393	10.14	nq	97
53) 2,4-Dinitrophenol	11.20	184	3258	4.78	nq	# 81
54) Dibenzofuran	11.38	168	144583	11.72	nq	98
55) 4-Nitrophenol	11.27	139	20009	9.40	nq	# 83
56) 2,4-Dinitrotoluene	11.36	165	25101	8.72	nq	91
57) Fluorene	11.81	166	118880	11.66	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.53	232	24327	10.41	nq	# 100
59) Diethylphthalate	11.68	149	117337	11.21	nq	99
60) 4-Chlorophenyl-phenylether	11.82	204	53200	11.72	nq	97
61) 4-Nitroaniline	11.83	138	26496	9.61	nq	91
62) Azobenzene	12.01	77	116496	11.19	nq	97
64) 4,6-Dinitro-2-methylphenol	11.86	198	7624	6.12	nq	98
65) n-Nitrosodiphenylamine	11.95	169	100059	10.32	nq	99
66) 4-Bromophenyl-phenylether	12.42	248	32523	10.95	nq	99
67) Hexachlorobenzene	12.48	284	37243	10.97	nq	94
68) Atrazine	12.63	200	29196	10.28	nq	97
69) Pentachlorophenol	12.73	266	12864	7.01	nq	95
70) Phenanthrene	13.01	178	172537	10.87	nq	98
71) Anthracene	13.06	178	172702	10.95	nq	98
72) Carbazole	13.27	167	164432	10.99	nq	97
73) Di-n-butylphthalate	13.71	149	184208	9.85	nq	99
74) Fluoranthene	14.48	202	181201	10.75	nq	95
76) Benzidine	14.65	184	83316	9.82	nq	98
77) Pyrene	14.77	202	191228	11.04	nq	98
79) Butylbenzylphthalate	15.59	149	75689	9.28	nq	85
80) Benzo(a)anthracene	16.25	228	180223	10.87	nq	99
81) 3,3'-Dichlorobenzidine	16.23	252	60561	9.78	nq	# 97
82) Chrysene	16.30	228	179955	11.78	nq	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	119920	9.83	nq	98
84) Di-n-octyl phthalate	17.11	149	187175	8.94	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.53	276	211254	10.19	nq	# 100
87) Benzo(b)fluoranthene	17.57	252	173466	10.50	nq	# 95
88) Benzo(k)fluoranthene	17.57	252	173466	10.80	nq	# 94
89) Benzo(a)pyrene	17.95	252	163928	10.71	nq	99
90) Dibenzo(a,h)anthracene	19.57	278	169130	10.26	nq	97
91) Benzo(g,h,i)perylene	19.98	276	172341	10.54	nq	99

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

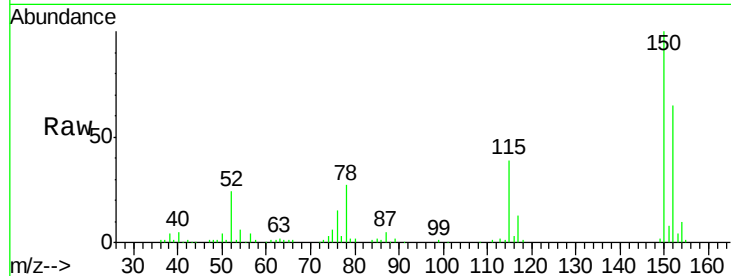


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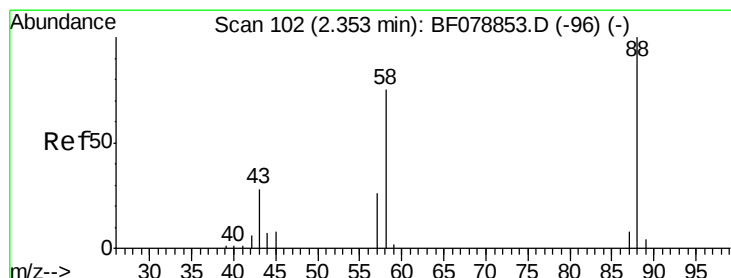
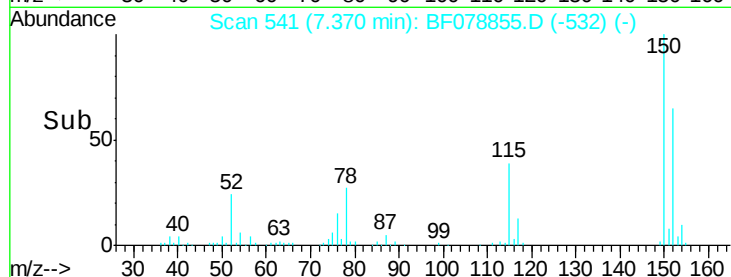
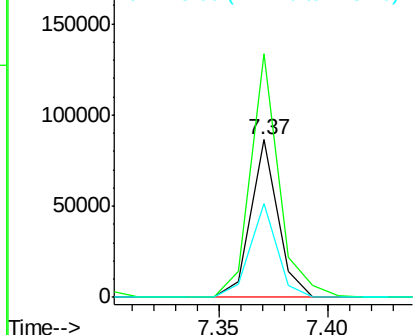
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74632
Ion Ratio Lower Upper
152 100
150 154.5 122.0 183.0
115 59.9 46.3 69.5



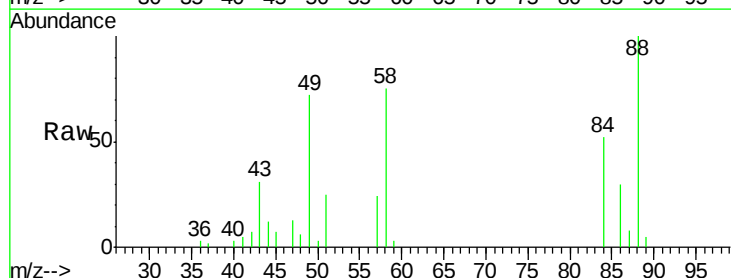
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



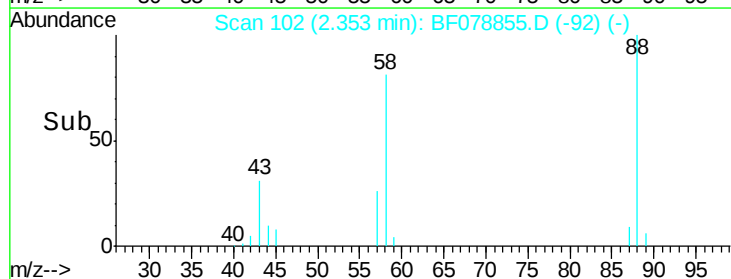
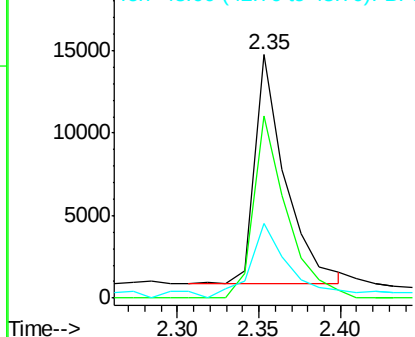
#2

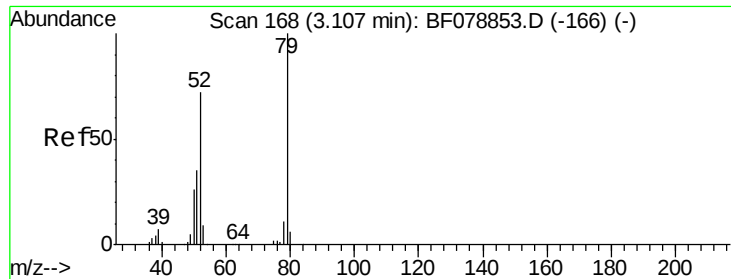
1,4-Dioxane
Concen: 9.38 ng
RT: 2.35 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion: 88 Resp: 17864
Ion Ratio Lower Upper
88 100
58 87.2 0.0 0.0#
43 44.8 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: 9.92 ng

RT: 3.15 min Scan# 172

Delta R.T. 0.06 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

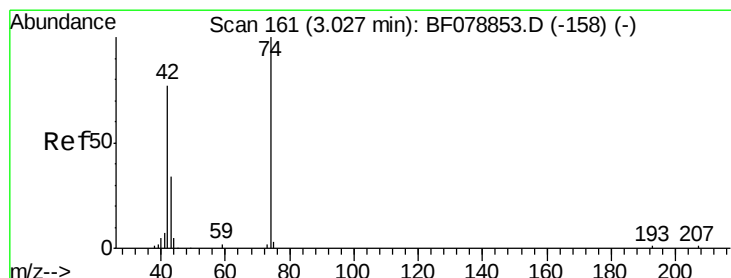
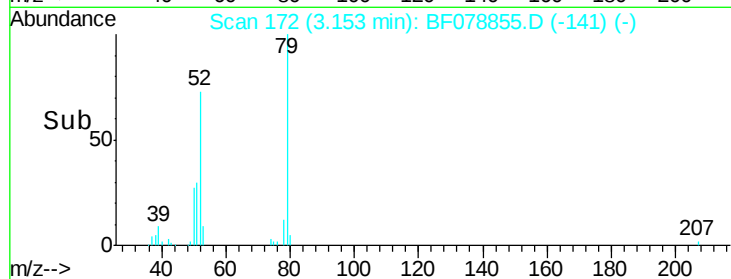
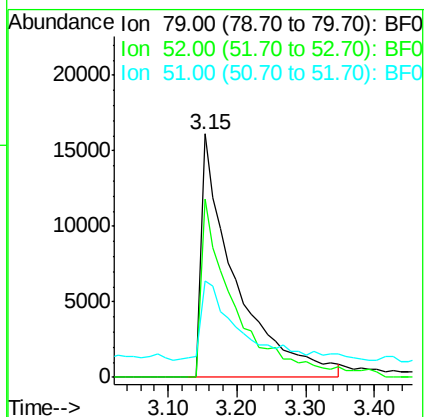
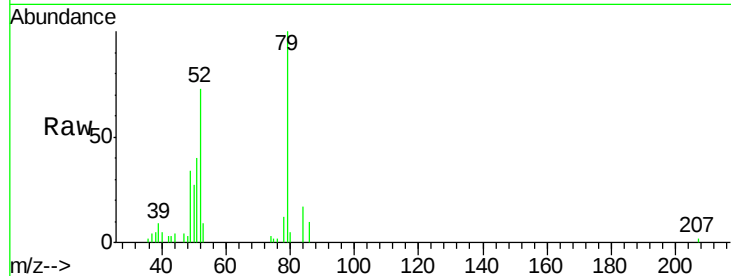
Tot Ion: 79 Resp: 54786

Ion Ratio Lower Upper

79 100

52 73.3 57.2 85.8

51 39.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 8.84 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

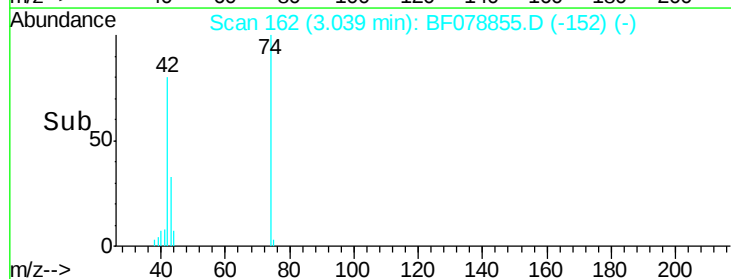
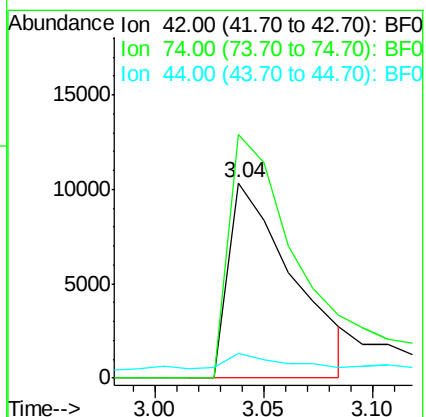
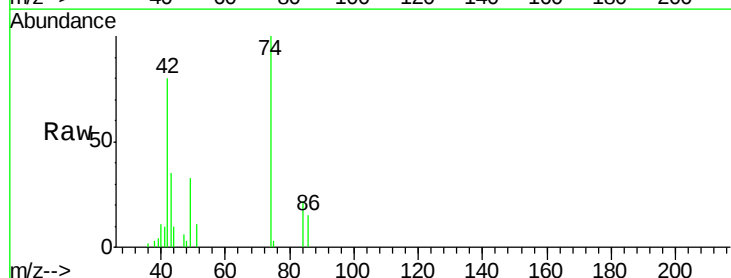
Tgt Ion: 42 Resp: 21316

Ion Ratio Lower Upper

42 100

74 124.6 96.5 144.7

44 12.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 10.80 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

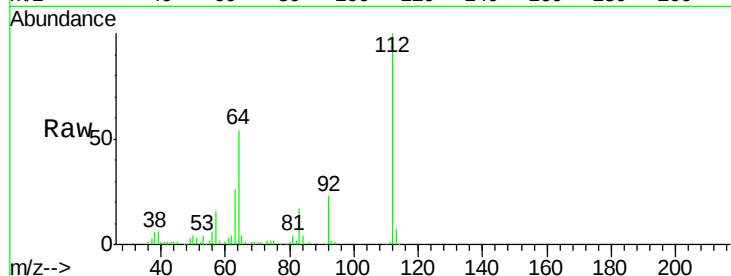
Tot Ion:112 Resp: 92559

Ion Ratio Lower Upper

112 100

64 54.0 53.5 80.3

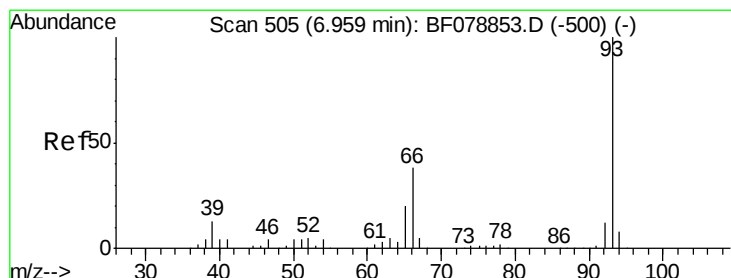
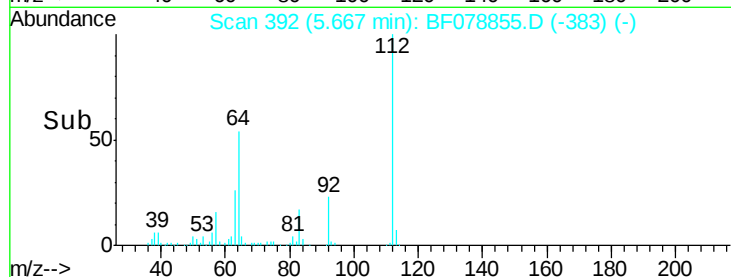
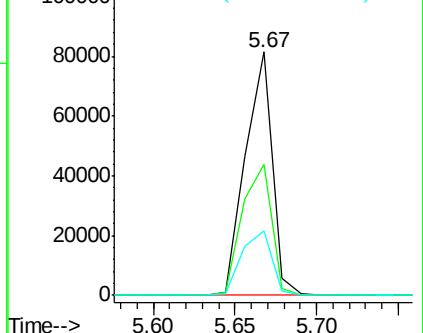
63 26.4 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.66 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

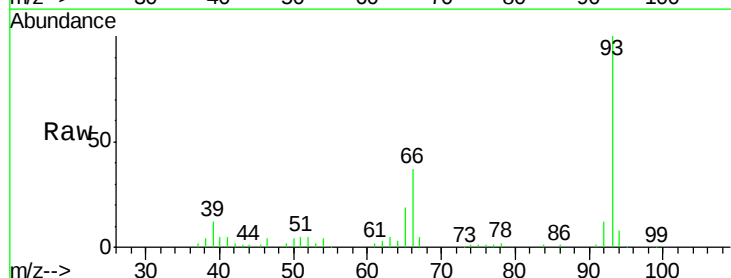
Tgt Ion: 93 Resp: 85414

Ion Ratio Lower Upper

93 100

66 36.7 29.7 44.5

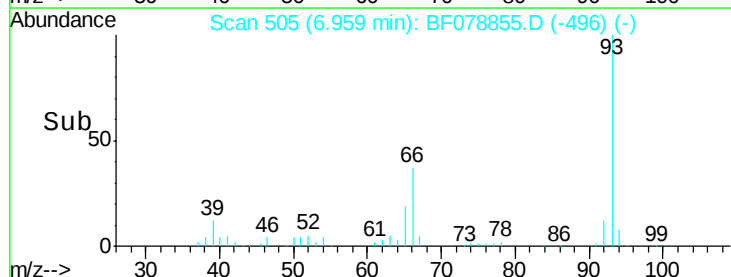
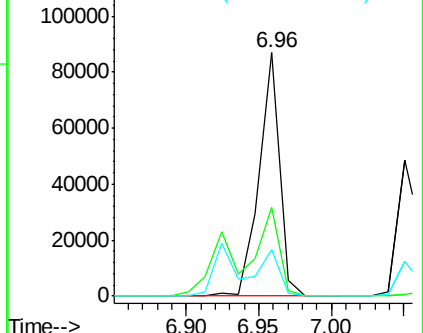
65 19.2 14.6 22.0



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: 11.04 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

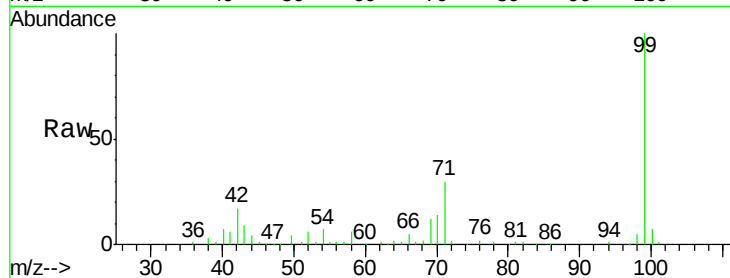
Tot Ion: 99 Resp: 124892

Ion Ratio Lower Upper

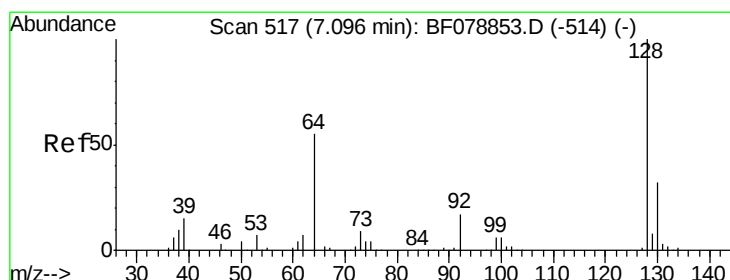
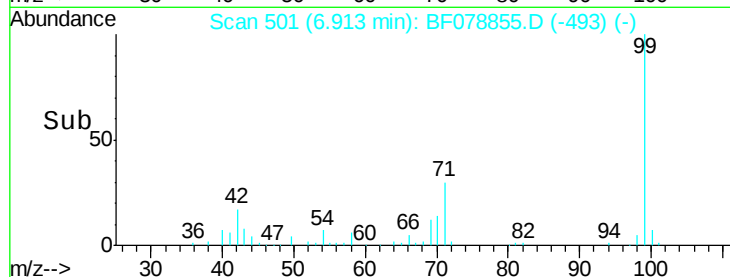
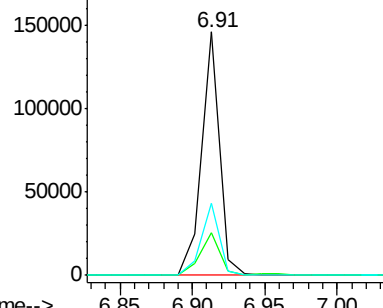
99 100

42 17.5 12.8 19.2

71 29.8 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: 10.83 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

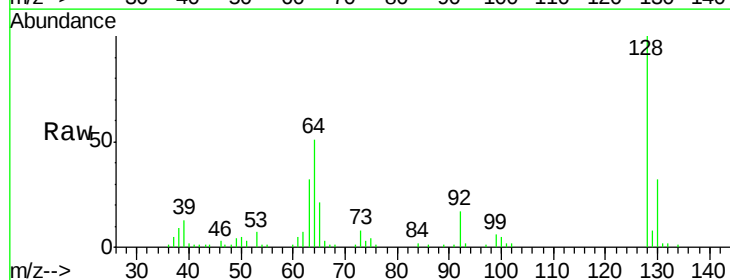
Tgt Ion: 128 Resp: 52321

Ion Ratio Lower Upper

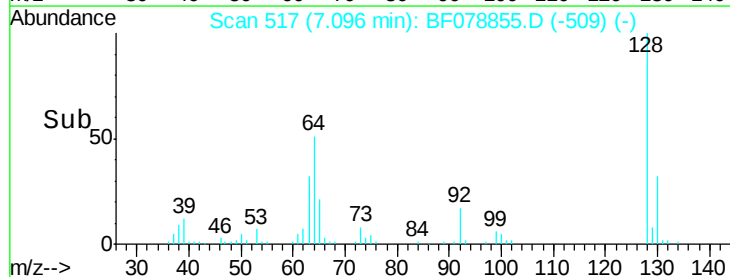
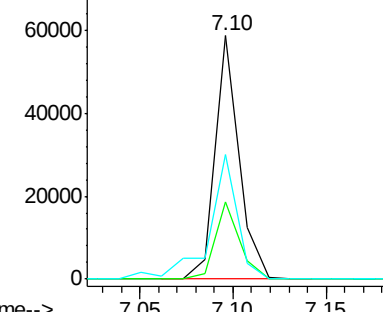
128 100

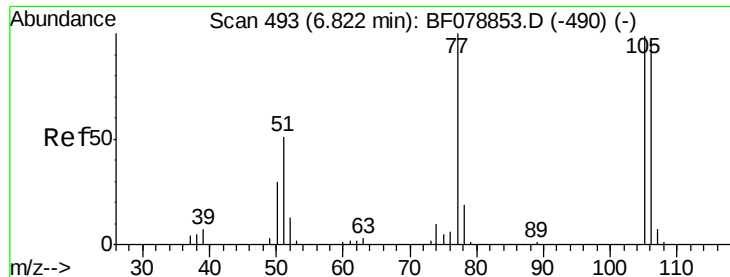
130 31.9 12.1 52.1

64 51.3 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: 11.42 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

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Acq: 30 Apr 2015 17:58

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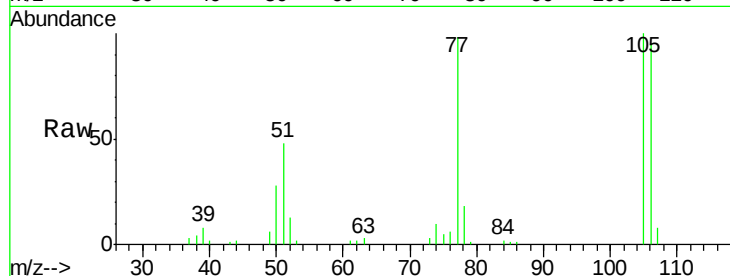
Tot Ion: 77 Resp: 42164

Ion Ratio Lower Upper

77 100

105 102.1 81.7 121.7

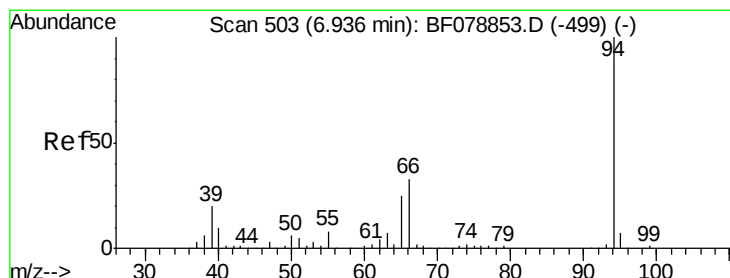
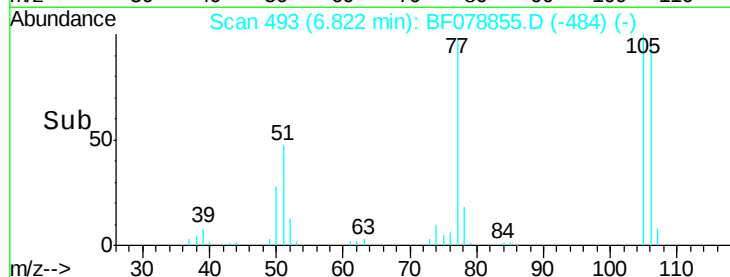
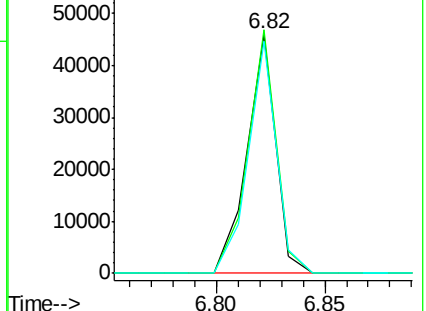
106 97.2 79.0 119.0



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: 10.60 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

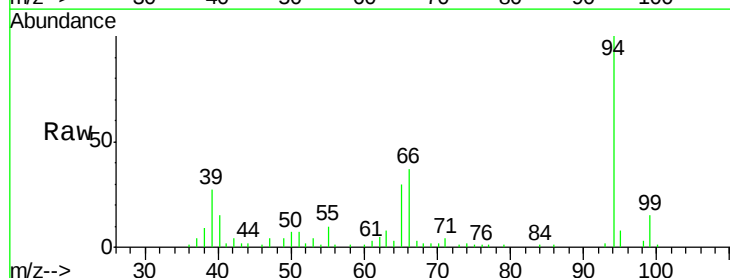
Tgt Ion: 94 Resp: 69757

Ion Ratio Lower Upper

94 100

65 30.1 8.5 48.5

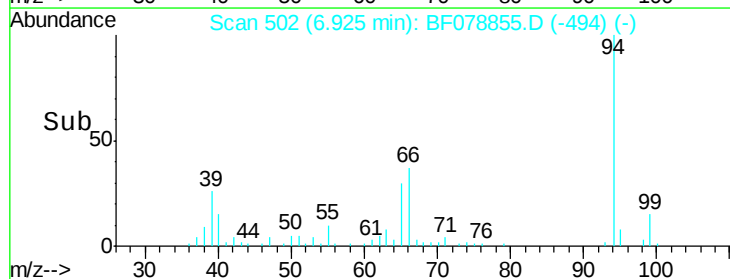
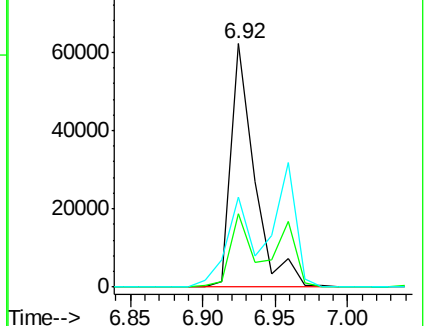
66 37.2 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 10.70 ng

RT: 7.05 min Scan# 513

Delta R.T. -0.01 min

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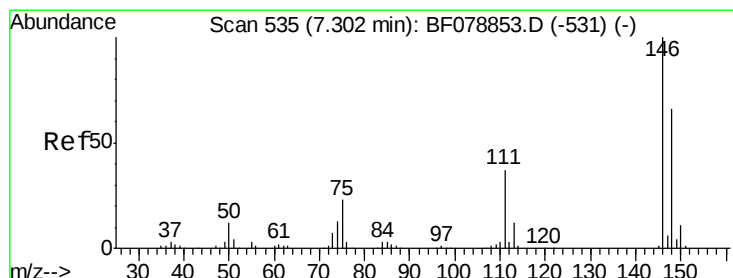
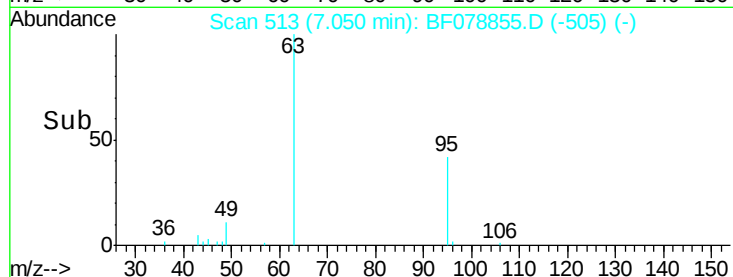
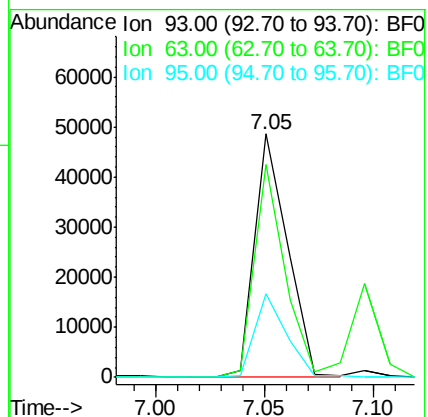
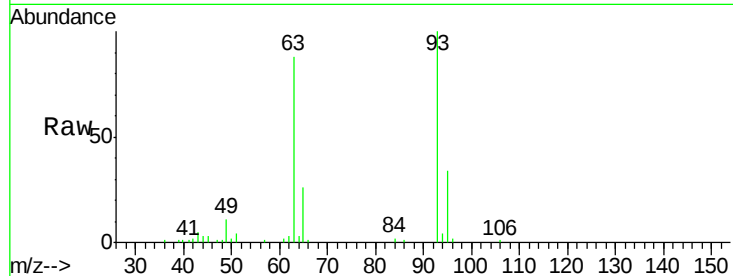
Tot Ion: 93 Resp: 51230

Ion Ratio Lower Upper

93 100

63 87.5 64.8 104.8

95 34.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 10.91 ng

RT: 7.29 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

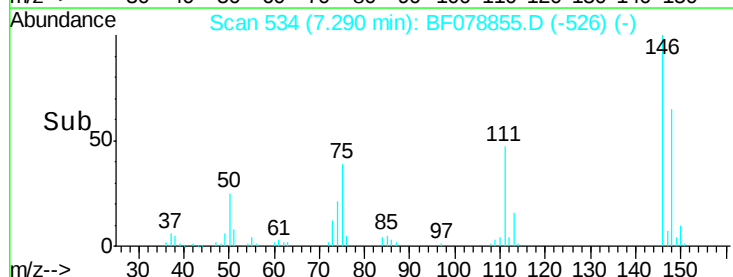
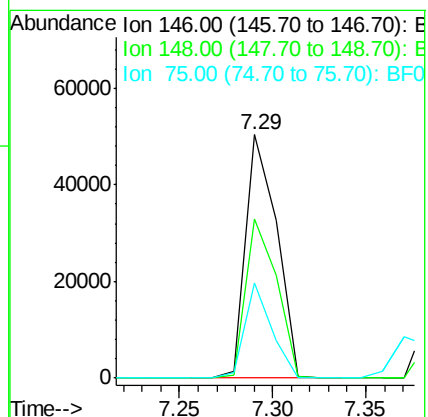
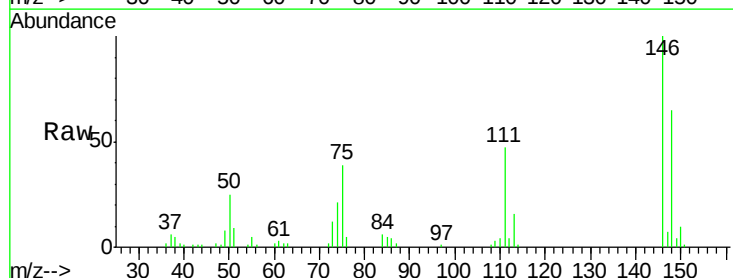
Tgt Ion: 146 Resp: 58354

Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.2

75 39.0 29.2 43.8

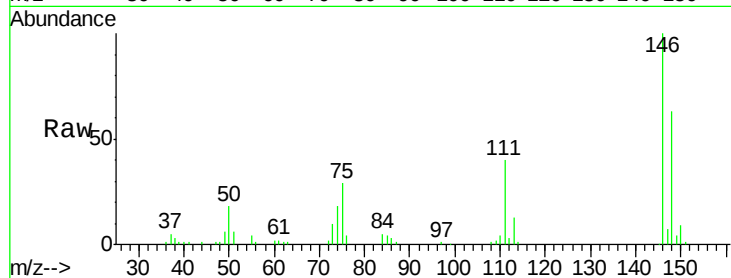




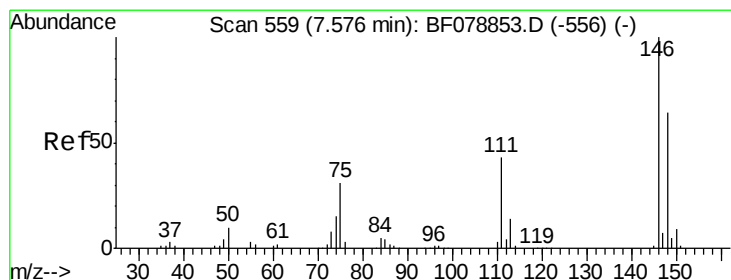
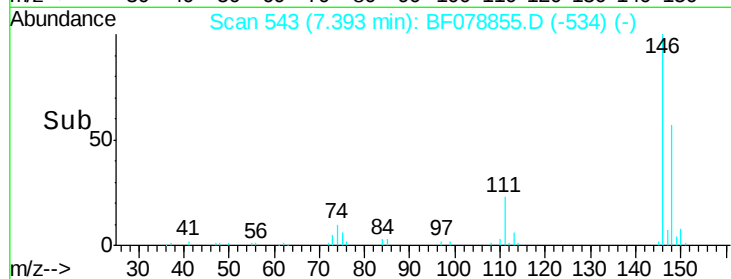
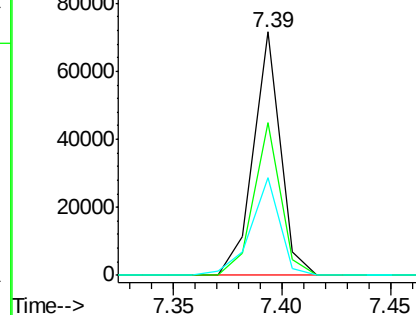
#13
 1,4-Dichlorobenzene
 Concen: 11.17 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 61536
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.8 79.2
 111 39.9 31.7 47.5

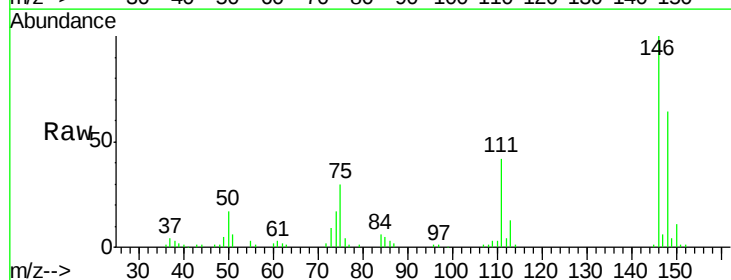


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

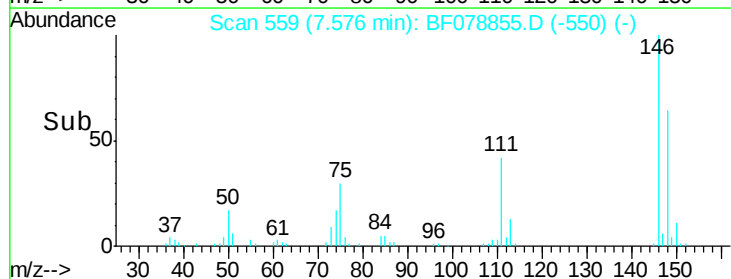
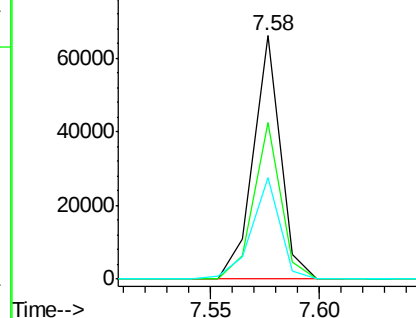


#14
 1,2-Dichlorobenzene
 Concen: 11.15 ng
 RT: 7.58 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:146 Resp: 57537
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 41.9 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: 10.36 ng

RT: 7.54 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

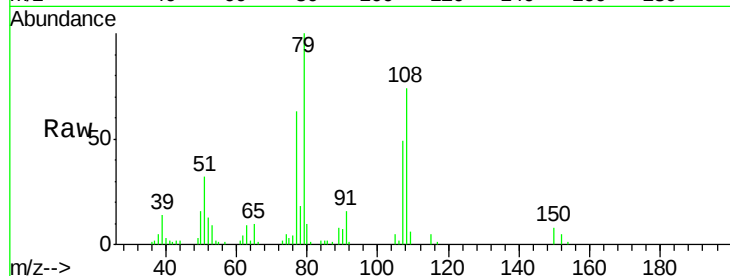
Tot Ion: 79 Resp: 43987

Ion Ratio Lower Upper

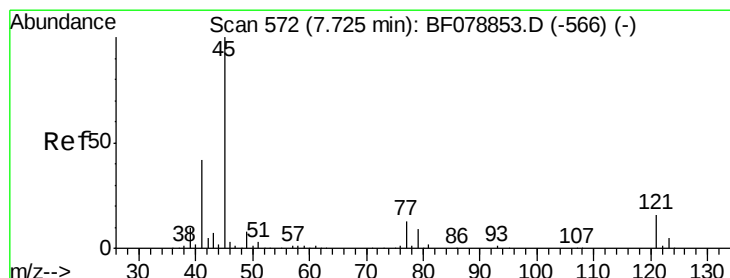
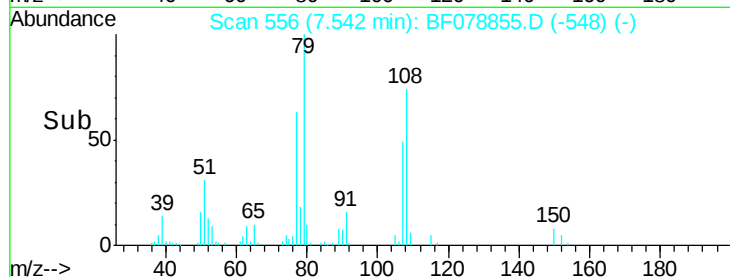
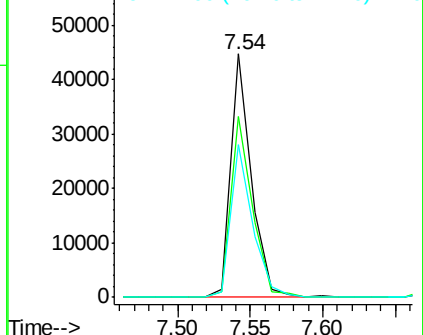
79 100

108 74.2 62.5 93.7

77 62.5 52.2 78.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.90 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

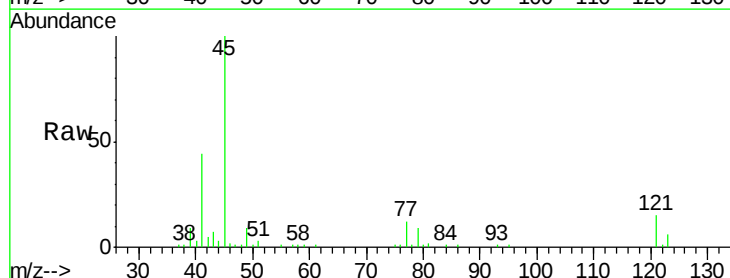
Tgt Ion: 45 Resp: 79027

Ion Ratio Lower Upper

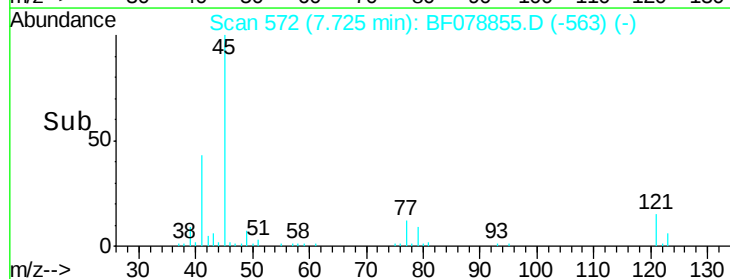
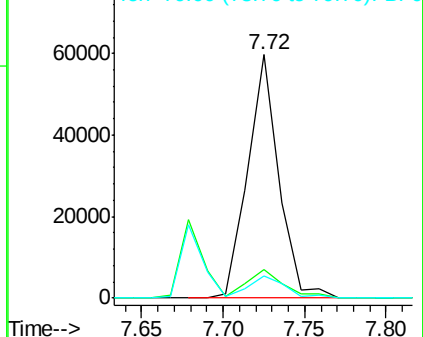
45 100

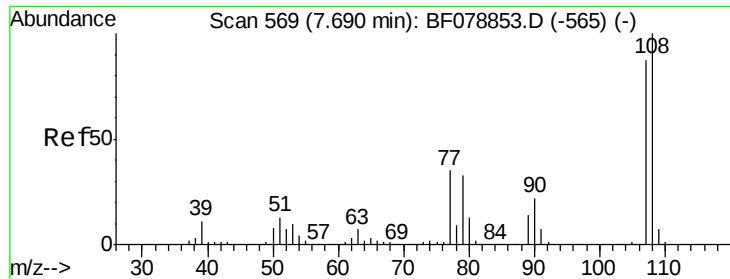
77 11.7 0.0 32.3

79 9.3 0.0 30.1



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

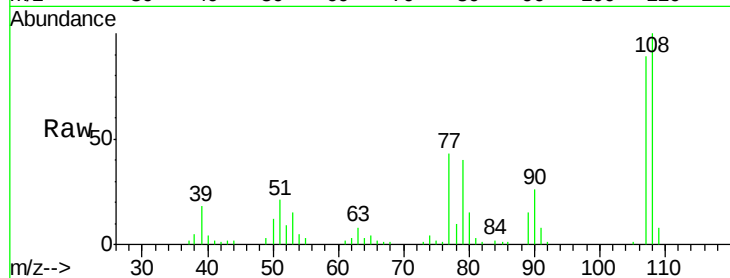




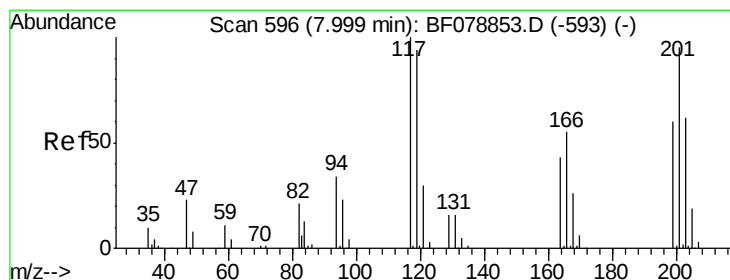
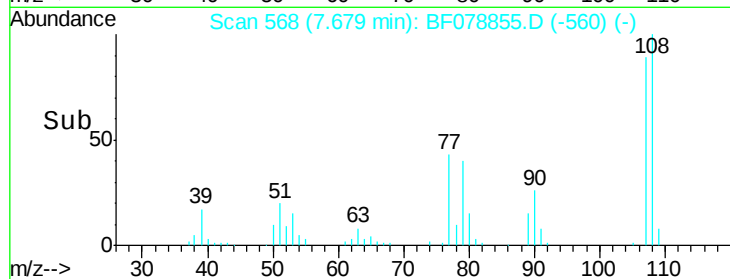
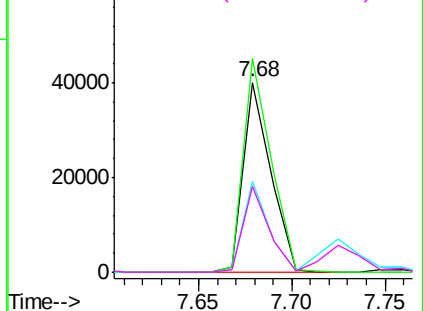
#17
2-Methylphenol
Concen: 10.30 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	40699
Ion	Ratio	Lower	Upper
107	100		
108	112.5	94.9	142.3
77	48.2	36.2	54.4
79	45.3	35.2	52.8

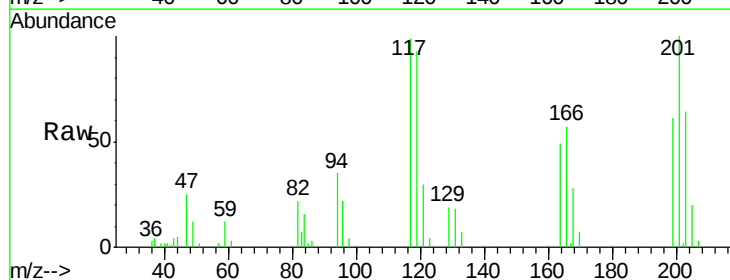


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

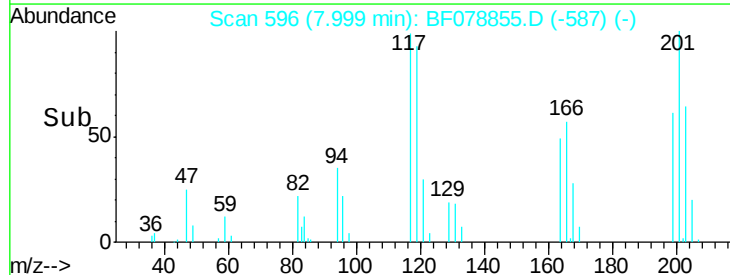
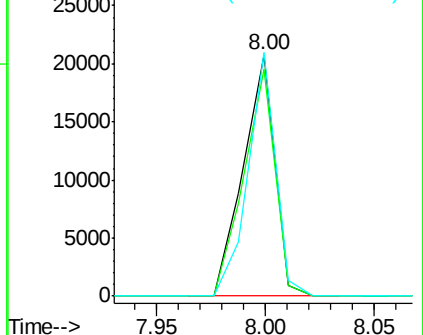


#18
Hexachloroethane
Concen: 10.81 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:	117	Resp:	20952
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.0
201	100.8	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

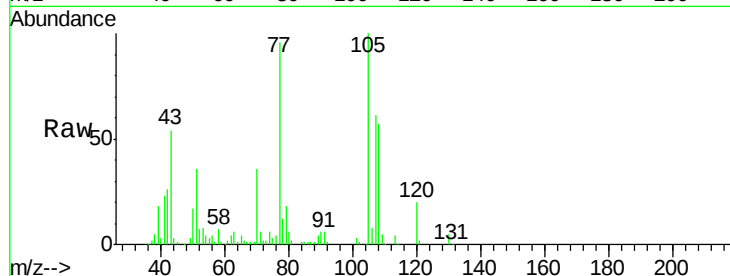




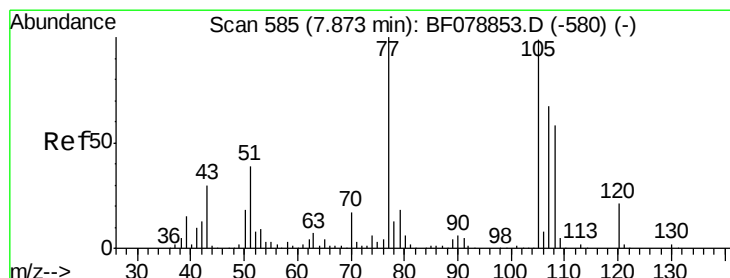
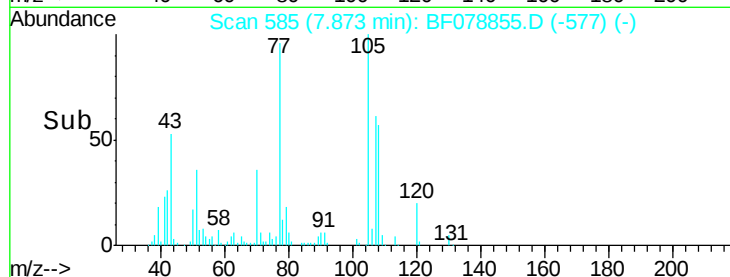
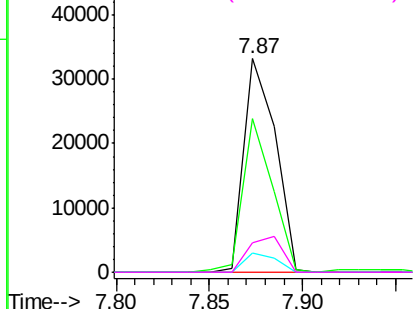
#19
n-Nitroso-di-n-propylamine
Concen: 10.10 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 38956
Ion Ratio Lower Upper
70 100
42 72.0 55.4 83.0
101 9.1 6.6 10.0
130 13.7 11.9 17.9

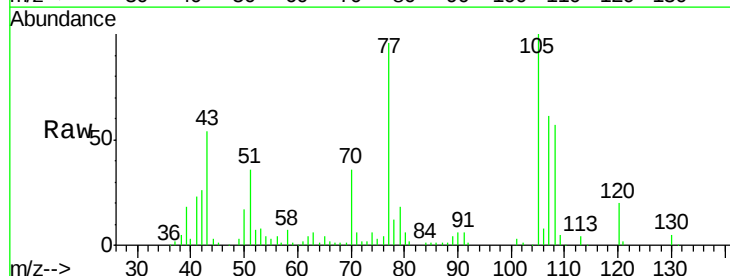


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

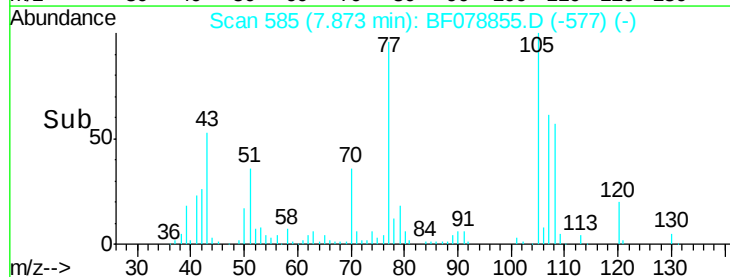
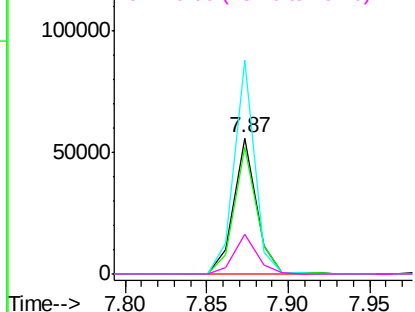


#20
3+4-Methylphenols
Concen: 10.23 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:107 Resp: 54203
Ion Ratio Lower Upper
107 100
108 92.6 76.9 116.9
77 156.7 136.8 176.8
79 28.9 9.7 49.7



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

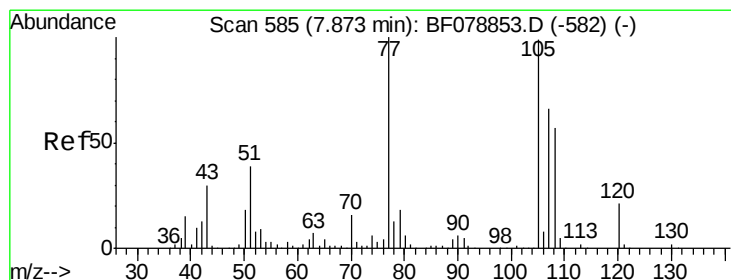
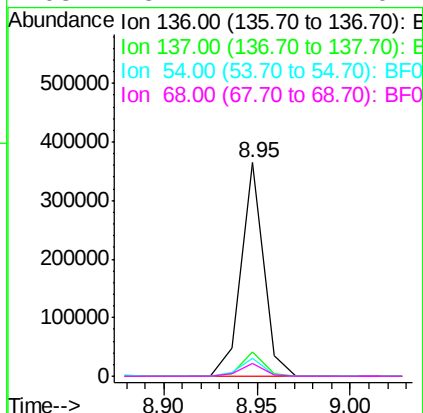
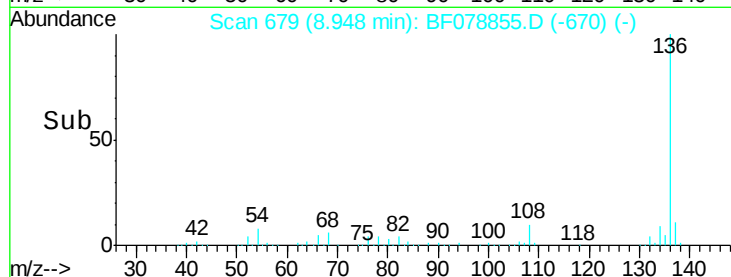
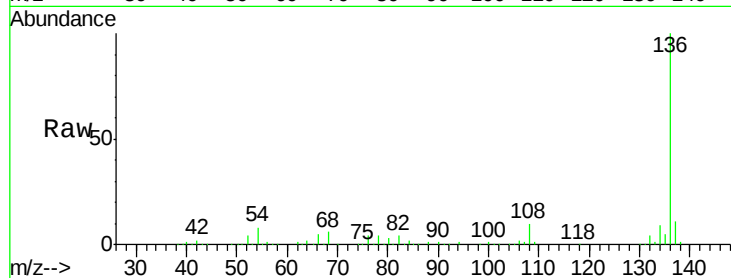




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

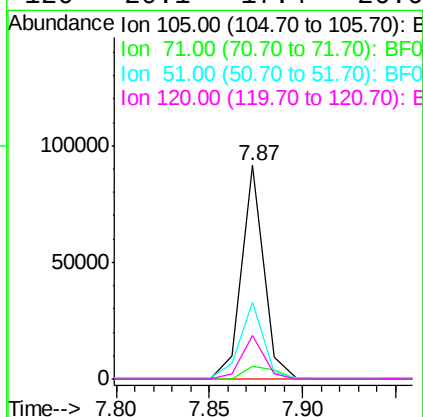
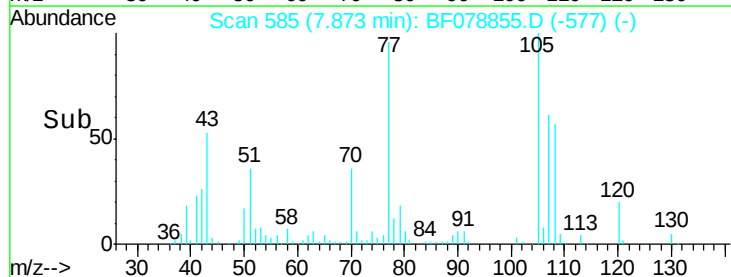
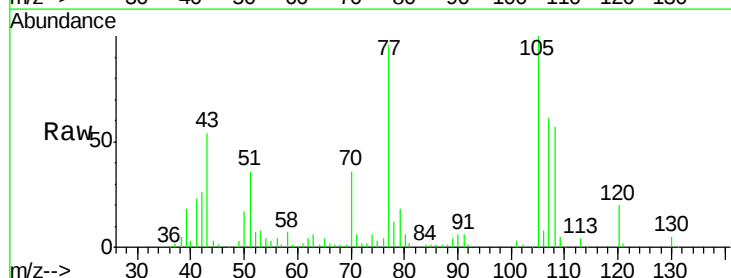
Instrument :
BNA_F
ClientSampleId :

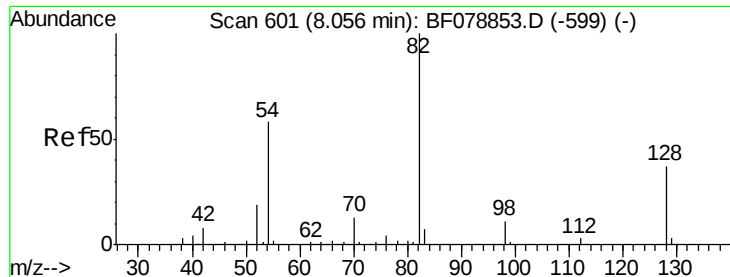
Tot Ion:136	Resp:	308481
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	8.1	5.8 8.8
68	5.7	4.2 6.4



#22
Acetophenone
Concen: 11.35 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:105	Resp:	76321
Ion Ratio	Lower	Upper
105	100	
71	6.2	4.6 6.8
51	36.3	26.7 40.1
120	20.1	17.4 26.0

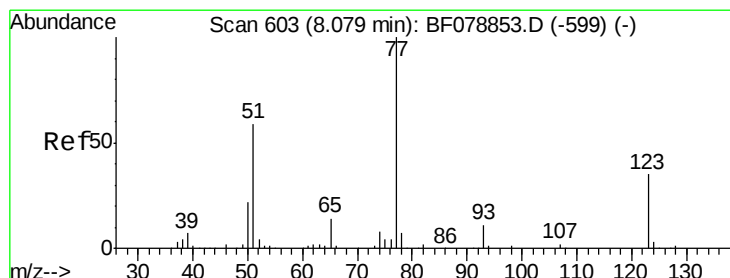
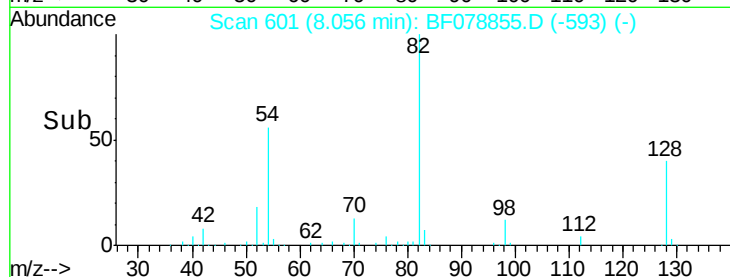
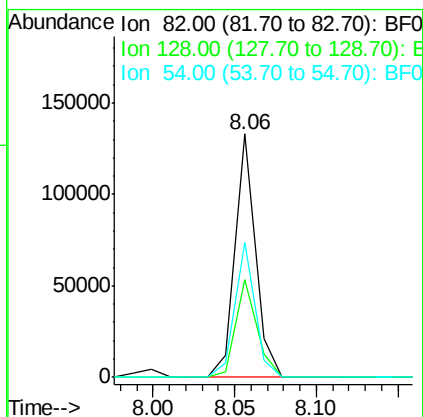
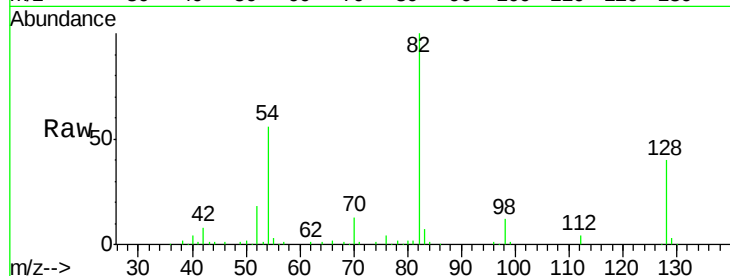




#23
 Nitrobenzene-d5
 Concen: 10.75 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

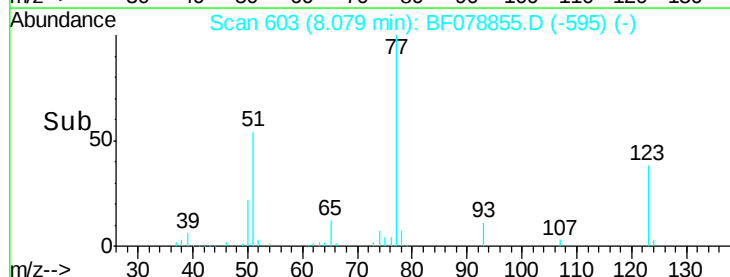
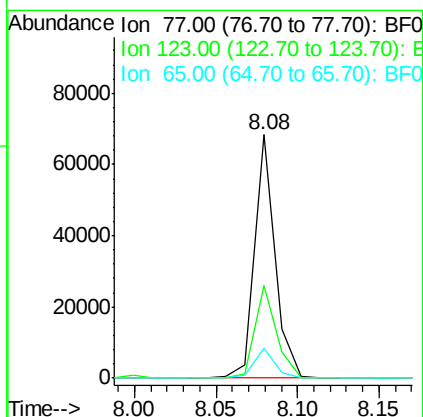
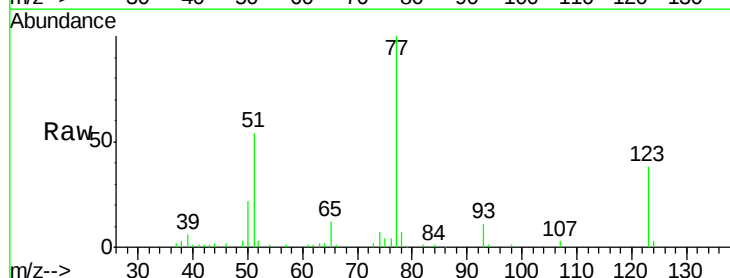
Instrument :
 BNA_F
 ClientSampleId :

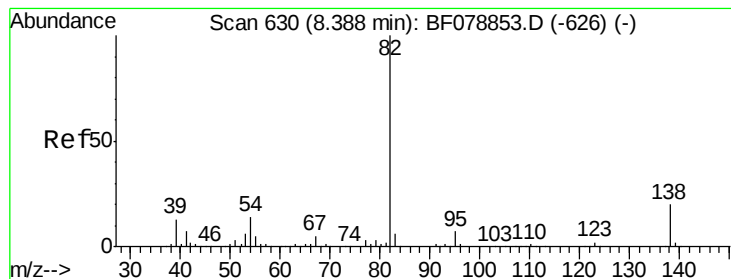
Tot Ion: 82 Resp: 114783
 Ion Ratio Lower Upper
 82 100
 128 40.3 30.0 45.0
 54 55.6 46.4 69.6



#24
 Nitrobenzene
 Concen: 11.31 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion: 77 Resp: 59494
 Ion Ratio Lower Upper
 77 100
 123 38.2 31.8 47.8
 65 12.3 10.6 15.8





#25

Isophorone

Concen: 10.50 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

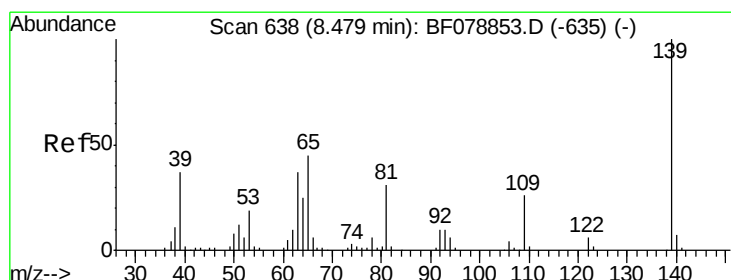
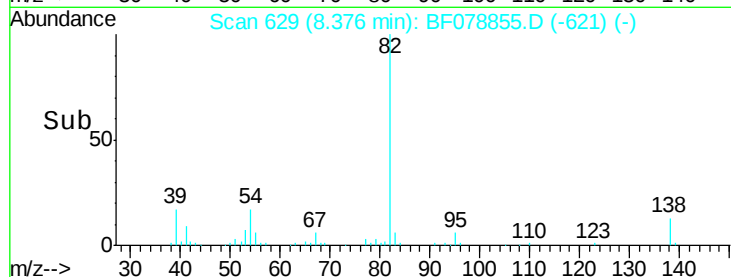
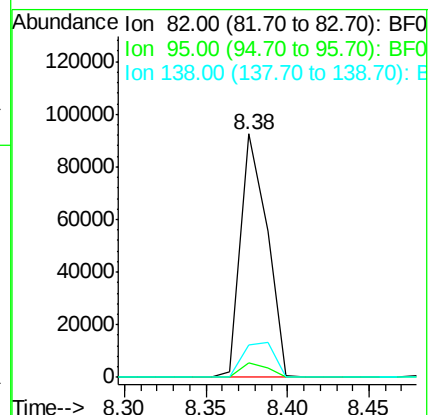
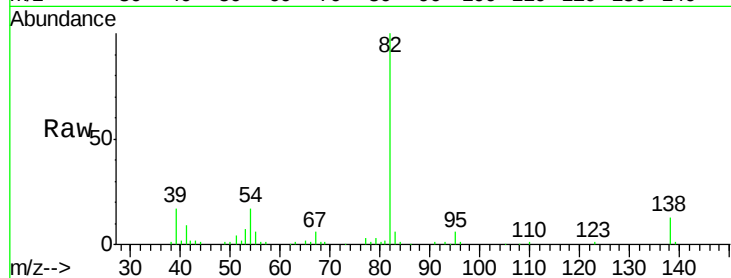
Tot Ion: 82 Resp: 103886

Ion Ratio Lower Upper

82 100

95 6.0 5.3 7.9

138 13.2 12.0 18.0



#26

2-Nitrophenol

Concen: 8.96 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

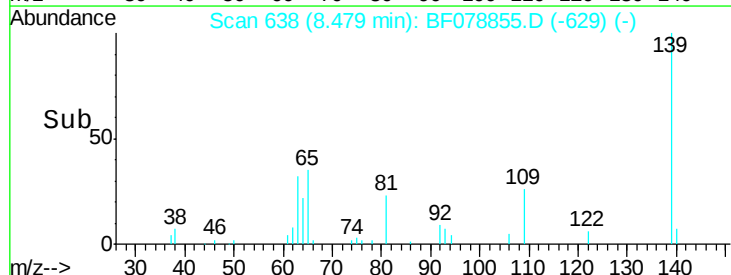
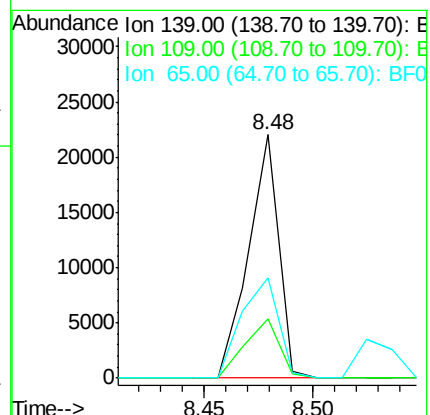
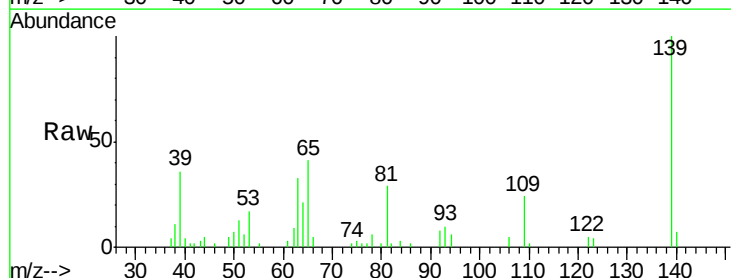
Tgt Ion: 139 Resp: 21085

Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.4

65 41.1 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 9.76 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampled :

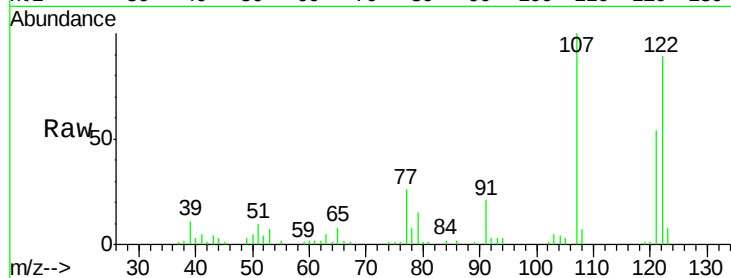
Tot Ion:122 Resp: 43668

Ion Ratio Lower Upper

122 100

107 112.0 90.6 135.8

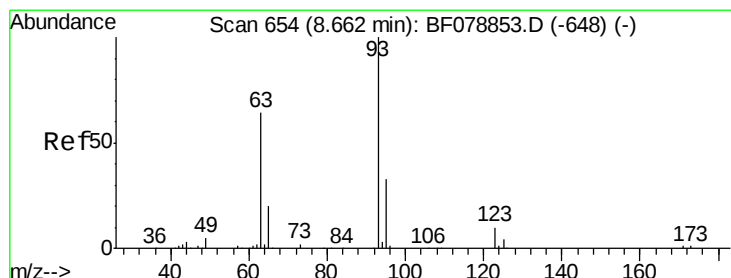
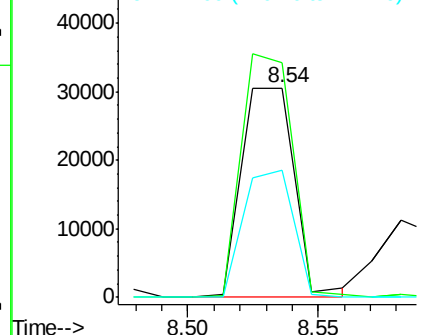
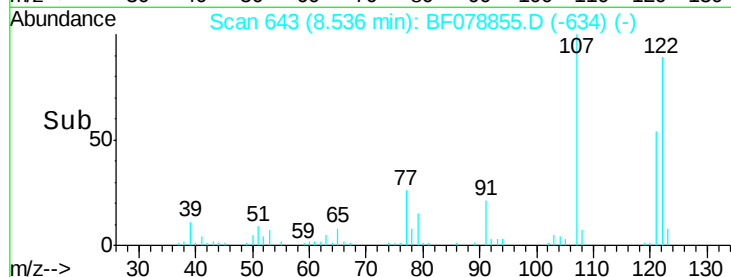
121 60.6 45.4 68.2



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: 10.49 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

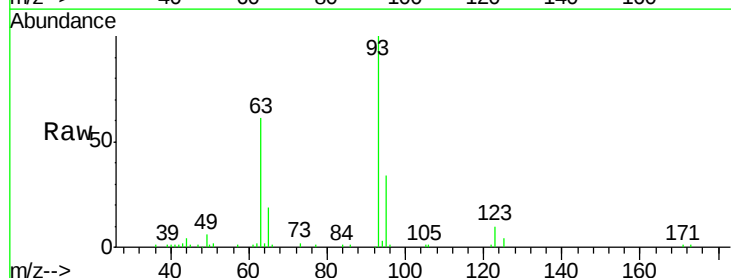
Tgt Ion: 93 Resp: 64391

Ion Ratio Lower Upper

93 100

95 34.2 26.7 40.1

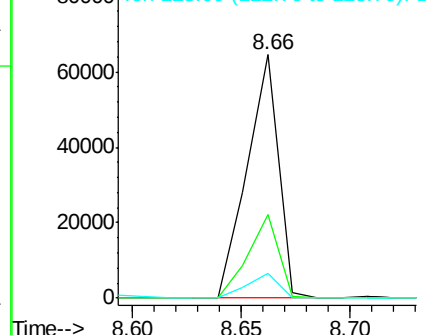
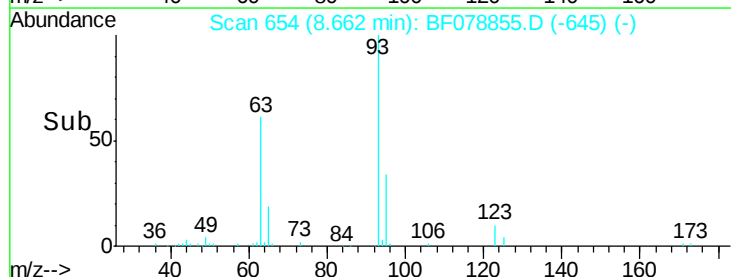
123 10.1 9.1 13.7

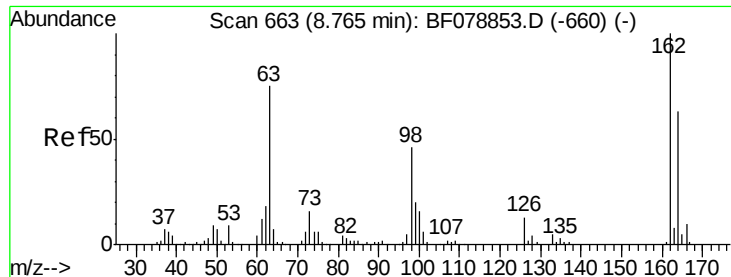


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

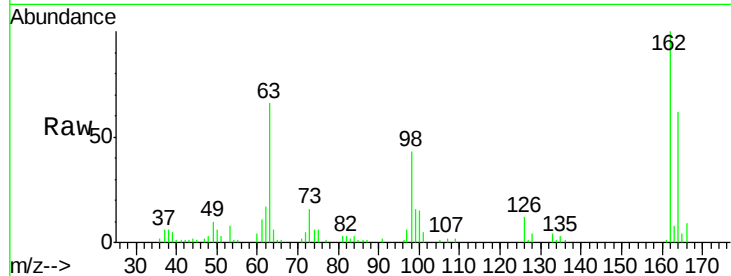




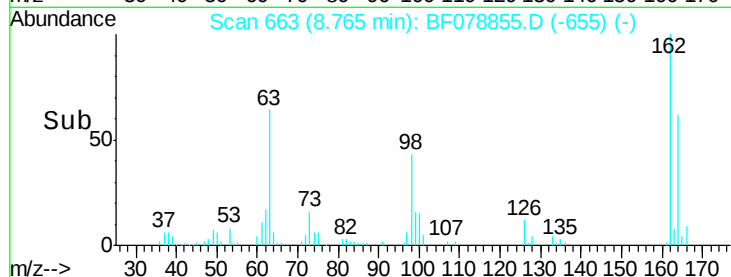
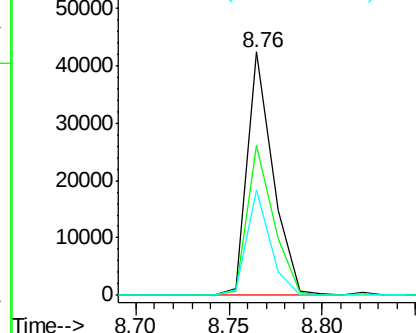
#29
 2,4-Dichlorophenol
 Concen: 10.30 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 40756
 Ion Ratio Lower Upper
 162 100
 164 61.6 43.6 83.6
 98 43.2 16.5 56.5

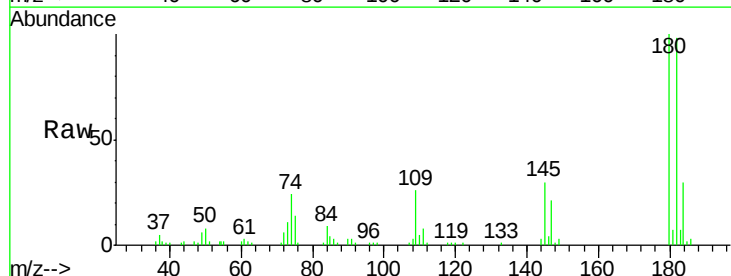


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

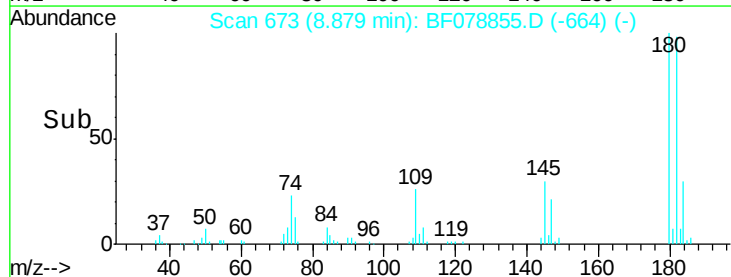
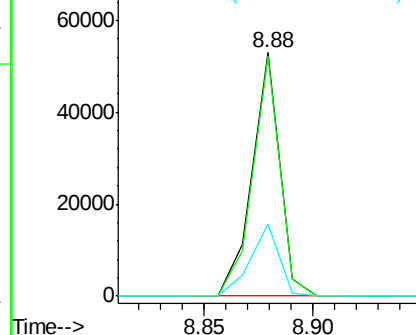


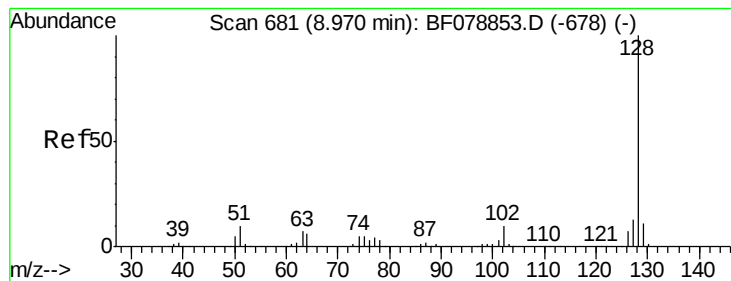
#30
 1,2,4-Trichlorobenzene
 Concen: 11.06 ng
 RT: 8.88 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:180 Resp: 46451
 Ion Ratio Lower Upper
 180 100
 182 98.4 78.9 118.3
 145 29.5 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: 11.30 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

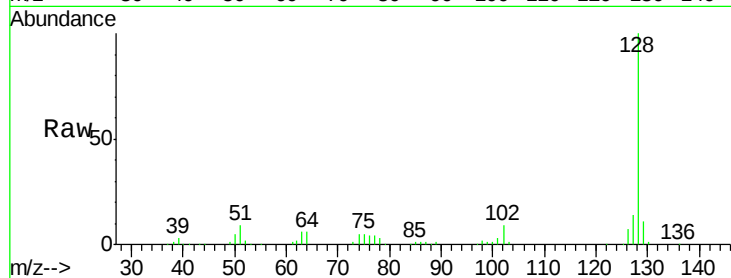
Tot Ion:128 Resp: 159901

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

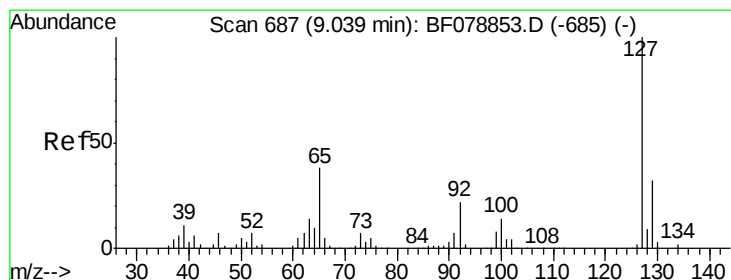
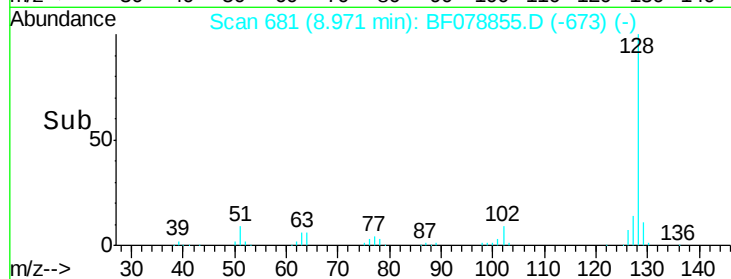
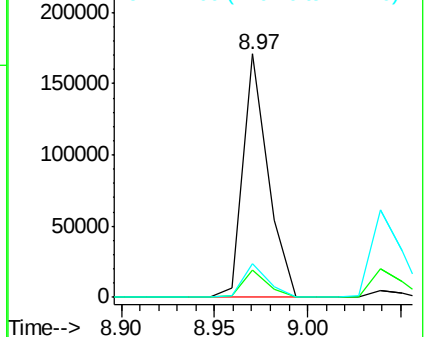
127 13.7 10.7 16.1



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



#33

4-Chloroaniline

Concen: 10.87 ng

RT: 9.04 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Tgt Ion:127 Resp: 66828

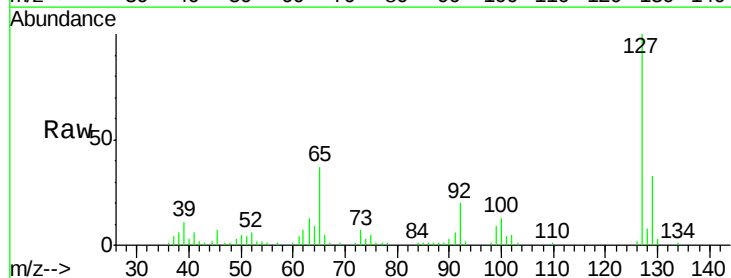
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 37.2 25.8 38.6

92 19.9 15.5 23.3

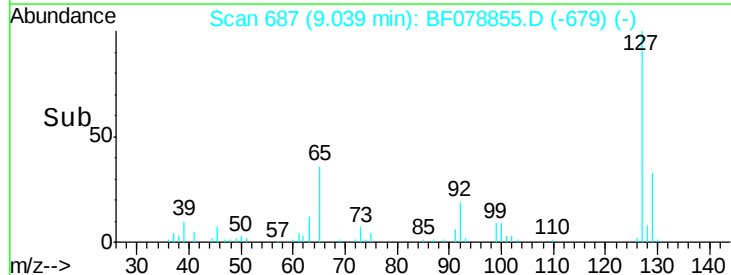
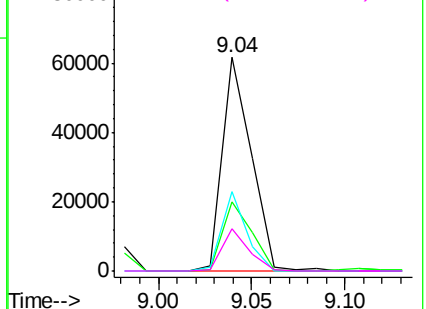


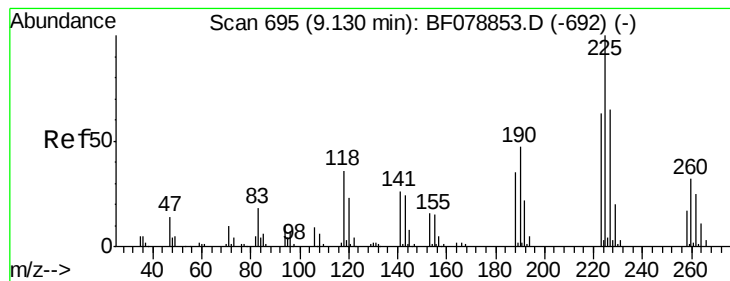
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 10.69 ng

RT: 9.13 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

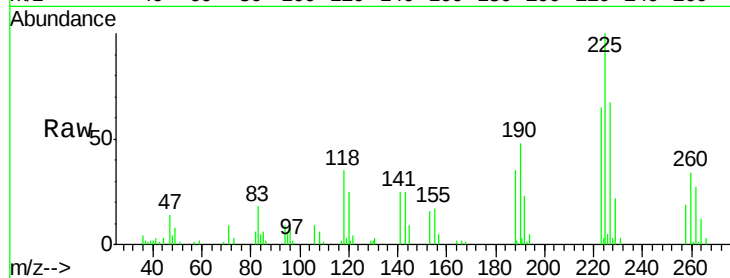
Tot Ion:225 Resp: 25795

Ion Ratio Lower Upper

225 100

223 65.0 48.2 72.4

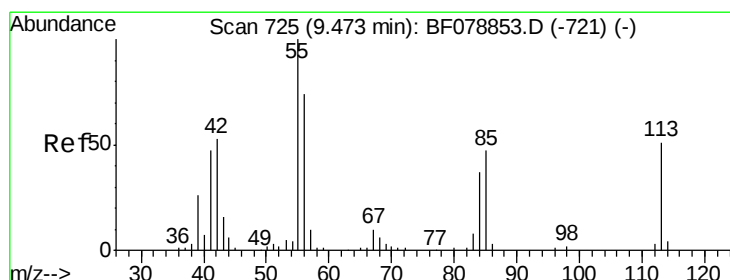
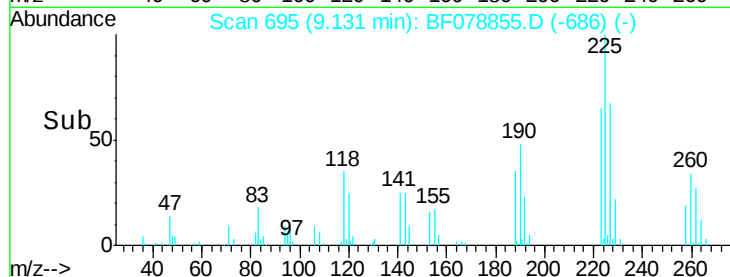
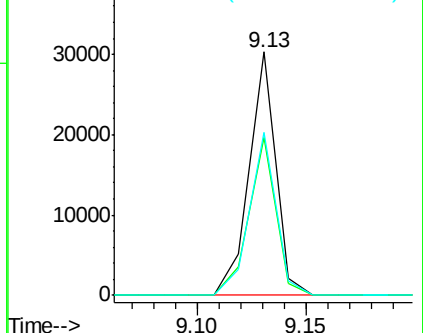
227 66.9 51.4 77.0



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: 9.54 ng

RT: 9.45 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

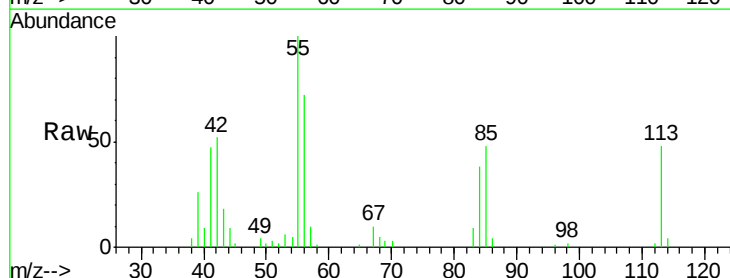
Tgt Ion:113 Resp: 12185

Ion Ratio Lower Upper

113 100

55 208.4 169.7 209.7

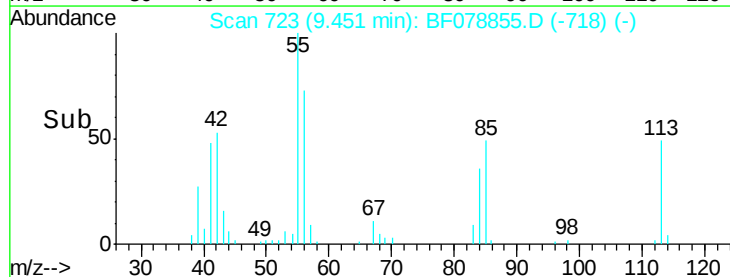
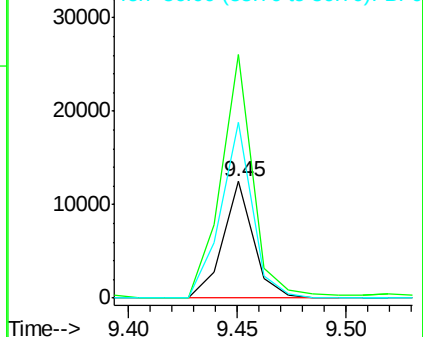
56 150.1 122.5 162.5

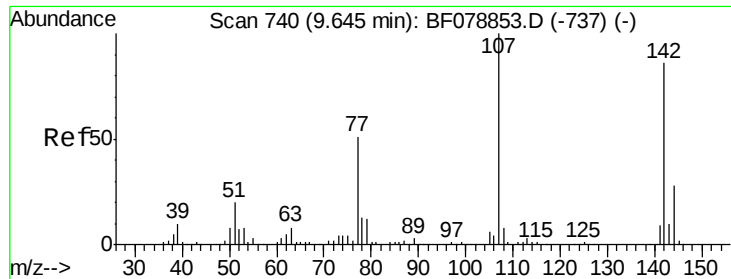


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

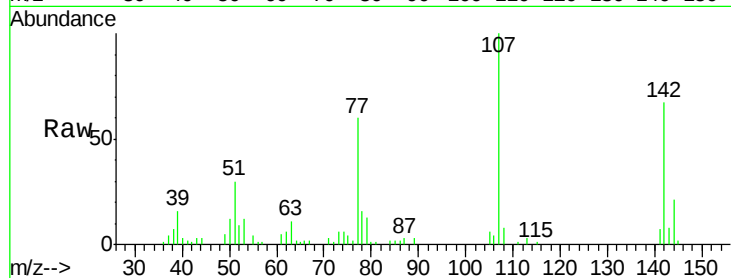




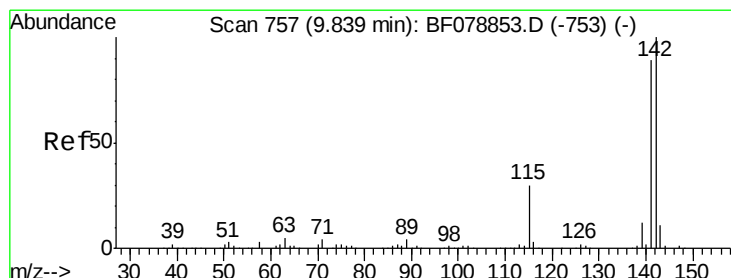
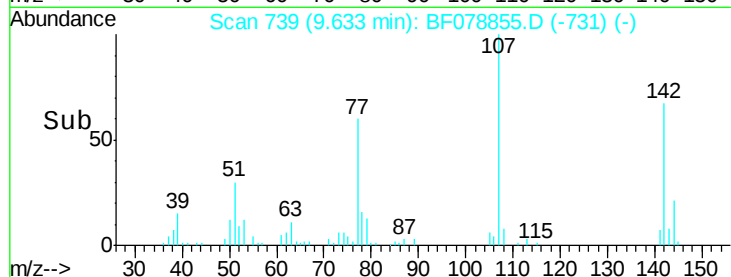
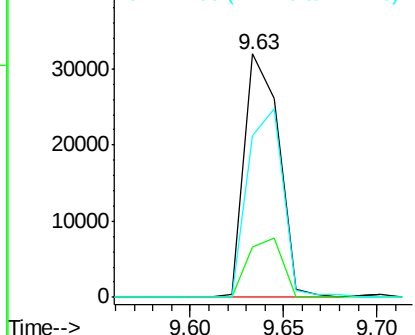
#36
 4-Chloro-3-methylphenol
 Concen: 9.67 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 41033
 Ion Ratio Lower Upper
 107 100
 144 20.9 19.8 29.6
 142 66.6 60.6 91.0

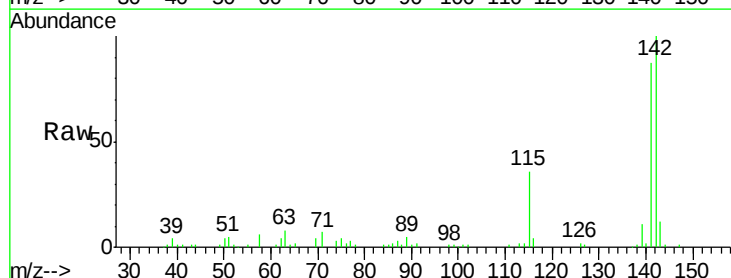


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

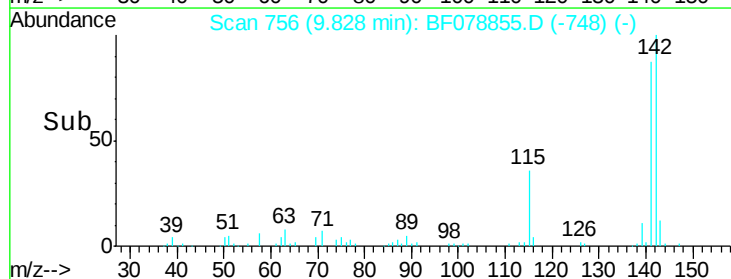
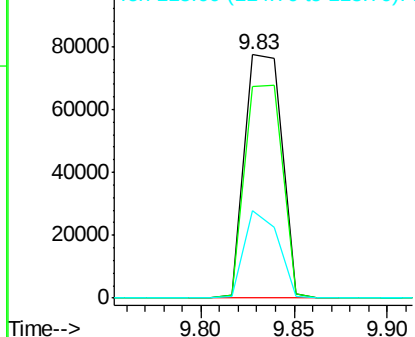


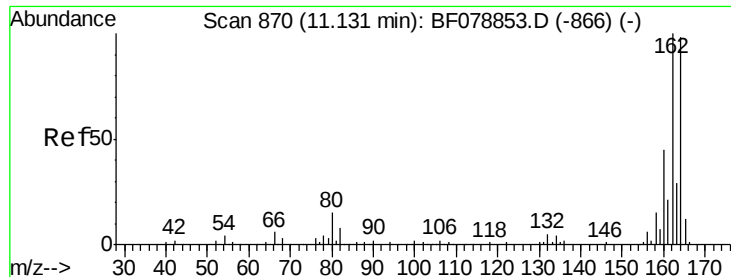
#37
 2-Methylnaphthalene
 Concen: 10.67 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:142 Resp: 107154
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.9 106.3
 115 35.9 28.5 42.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampled :

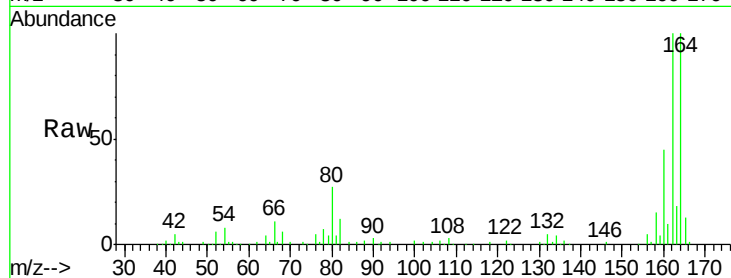
Tot Ion:164 Resp: 147134

Ion Ratio Lower Upper

164 100

162 100.2 82.7 124.1

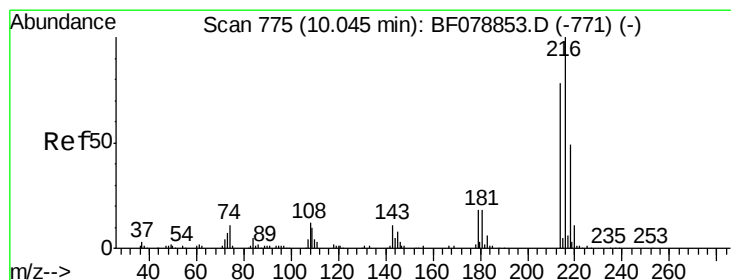
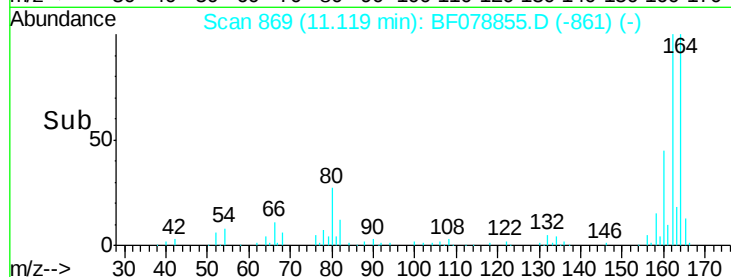
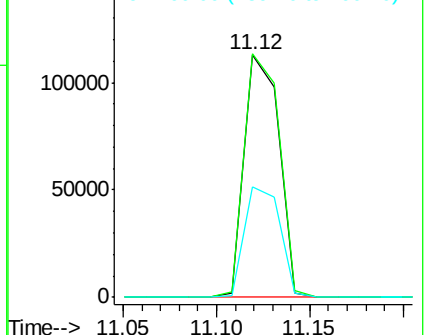
160 45.5 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.29 ng

RT: 10.03 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Tgt Ion:216 Resp: 45418

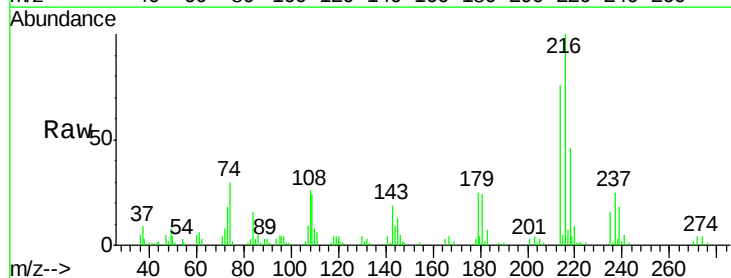
Ion Ratio Lower Upper

216 100

214 76.6 0.0 0.0#

179 22.4 0.0 0.0#

108 22.0 0.0 0.0#

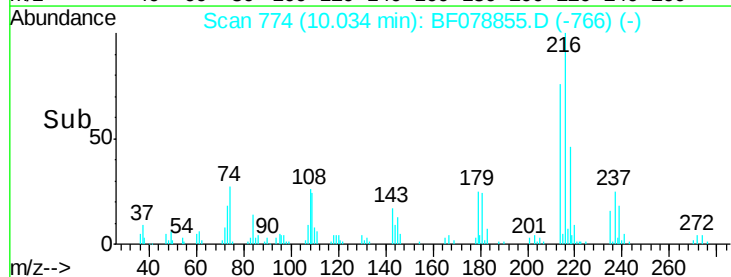
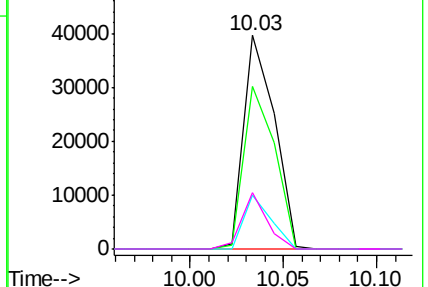


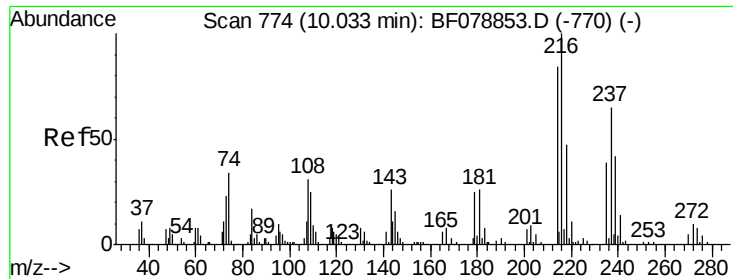
Abundance Ion 216.00 (215.70 to 216.70): E

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

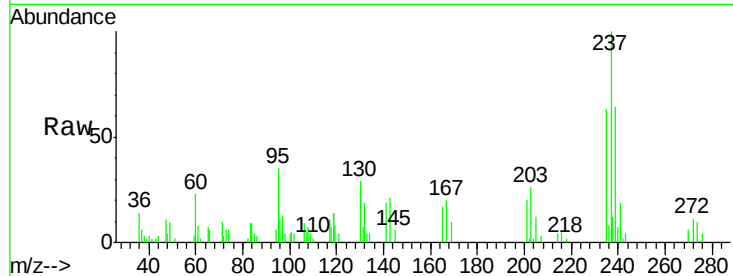




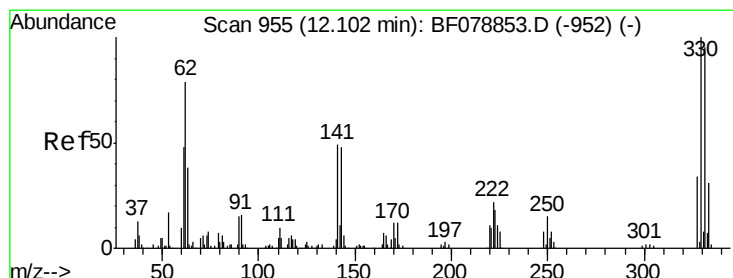
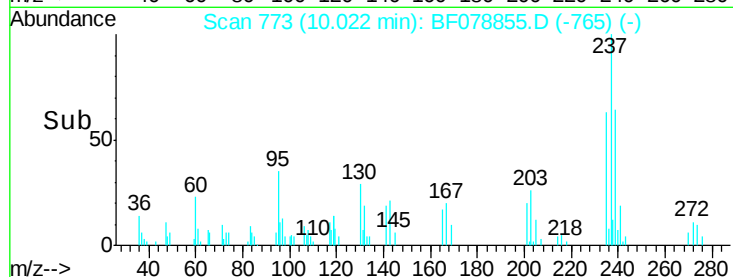
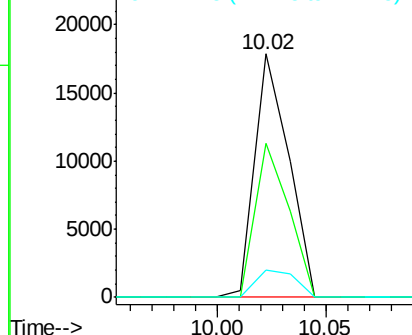
#40
Hexachlorocyclopentadiene
Concen: 9.21 ng
RT: 10.02 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 19448
Ion Ratio Lower Upper
237 100
235 63.0 44.7 84.7
272 11.4 0.0 32.6

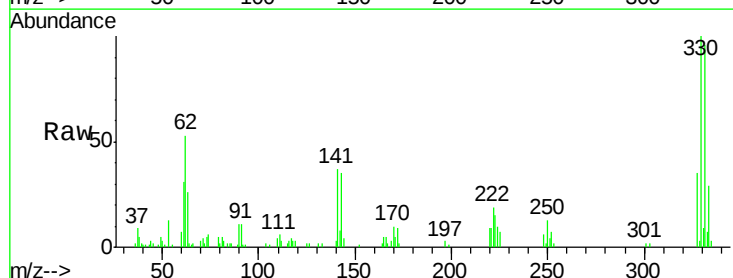


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

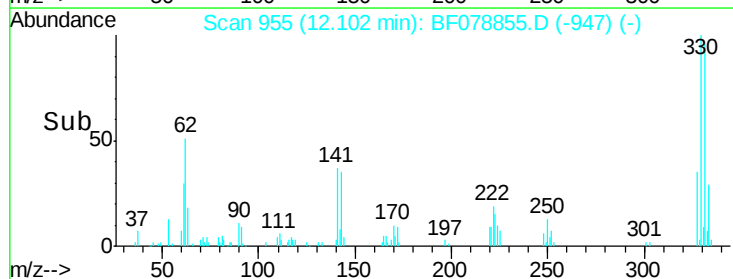
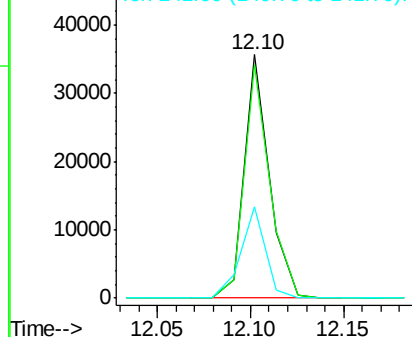


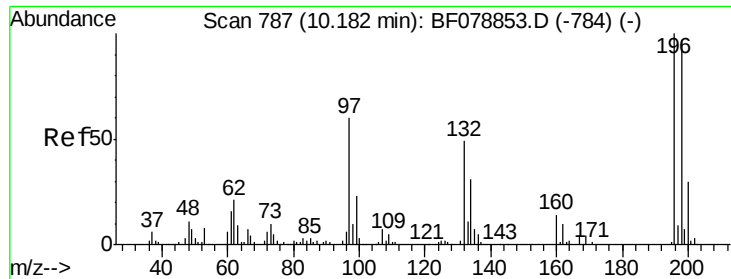
#41
2,4,6-Tribromophenol
Concen: 10.20 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:330 Resp: 33238
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 37.1 0.0 0.0#



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

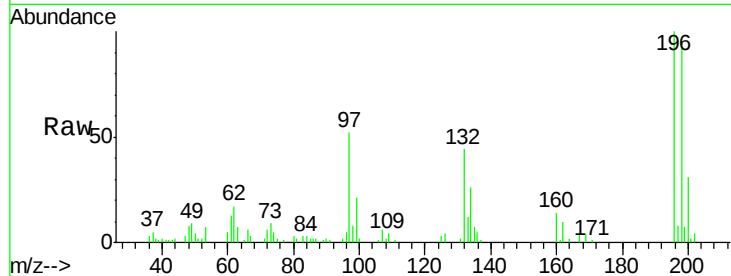




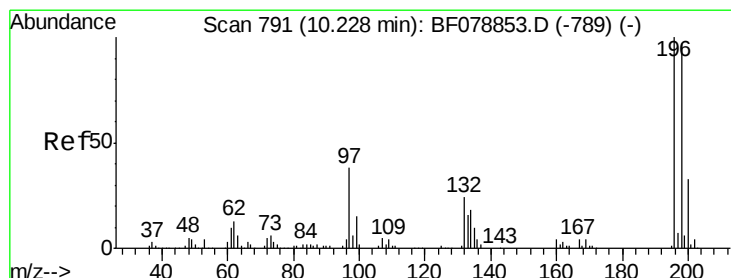
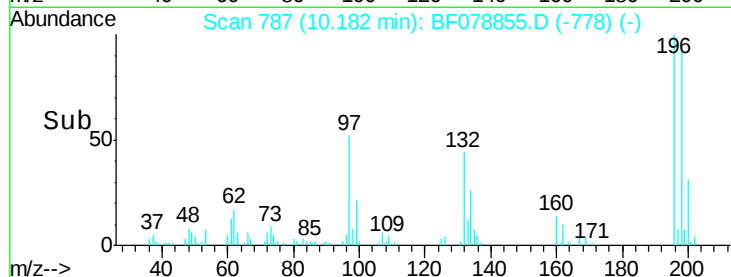
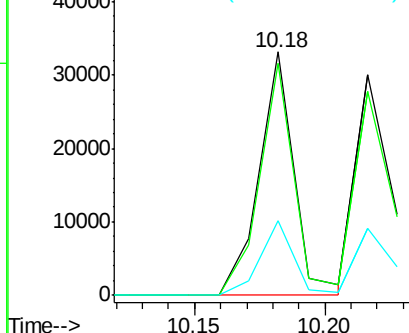
#42
 2,4,6-Trichlorophenol
 Concen: 10.69 ng
 RT: 10.18 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 30698
 Ion Ratio Lower Upper
 196 100
 198 95.2 80.5 120.7
 200 30.6 24.9 37.3

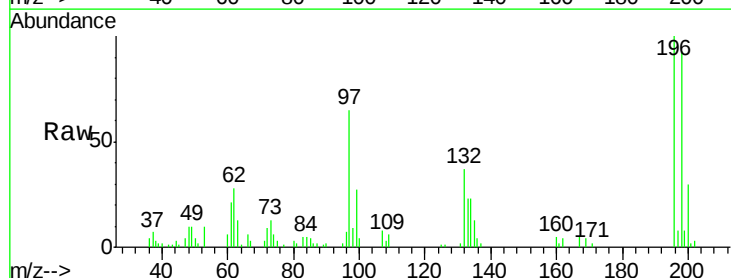


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

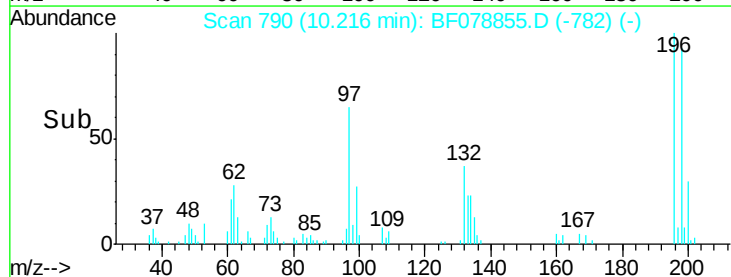
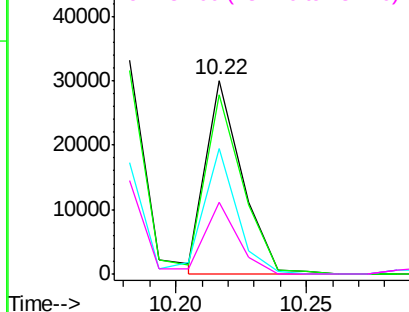


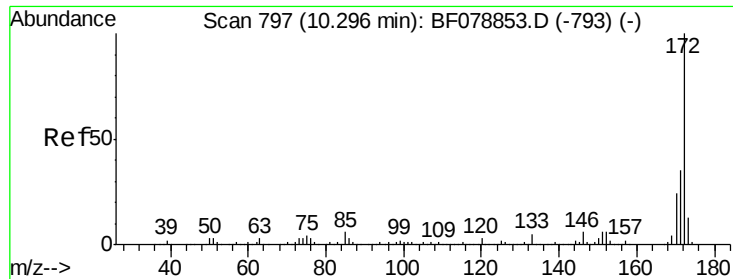
#43
 2,4,5-Trichlorophenol
 Concen: 9.96 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:196 Resp: 29031
 Ion Ratio Lower Upper
 196 100
 198 92.6 79.8 119.6
 97 64.9 46.0 69.0
 132 36.9 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

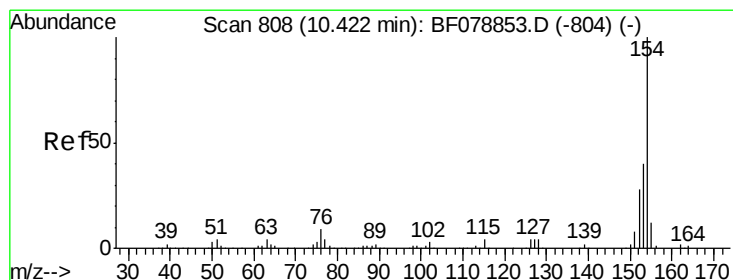
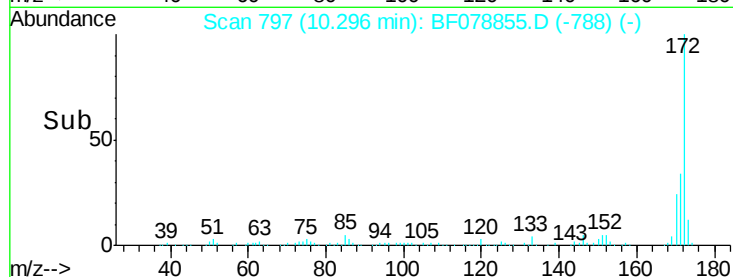
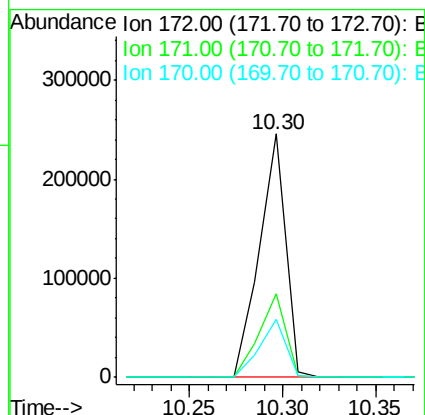
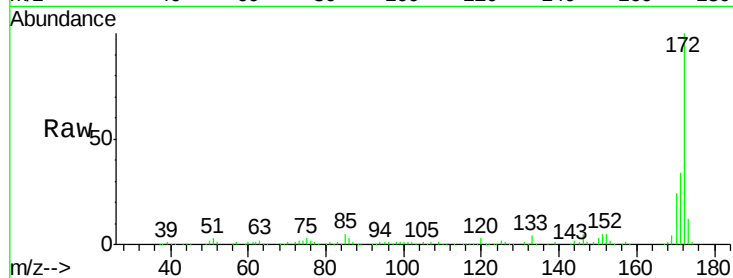




#44
2-Fluorobiphenyl
Concen: 11.90 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

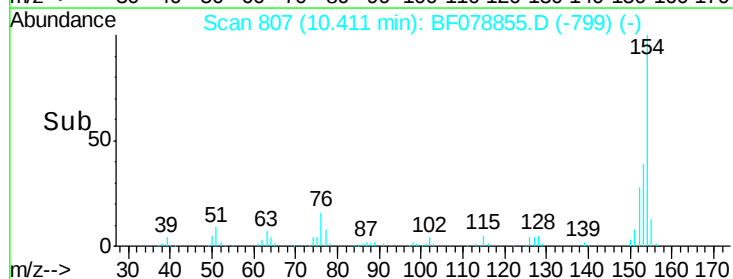
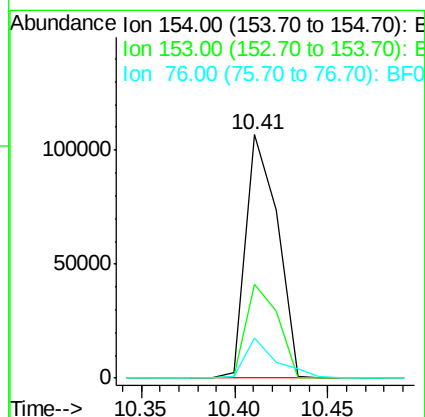
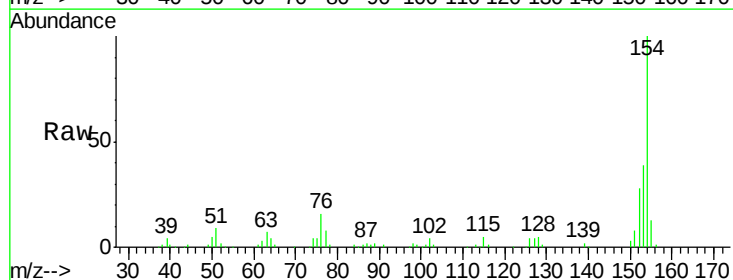
Instrument :
BNA_F
ClientSampleId :

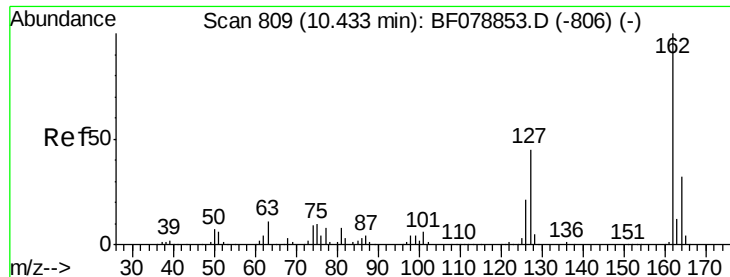
Tot Ion:172 Resp: 239184
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.8 19.4 29.0



#45
1,1'-Biphenyl
Concen: 11.13 ng
RT: 10.41 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:154 Resp: 126099
Ion Ratio Lower Upper
154 100
153 38.6 19.9 59.9
76 16.2 0.0 35.0

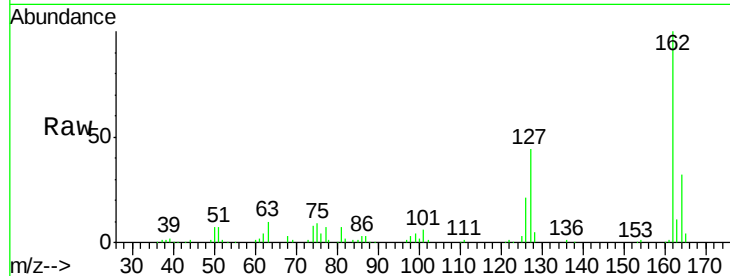




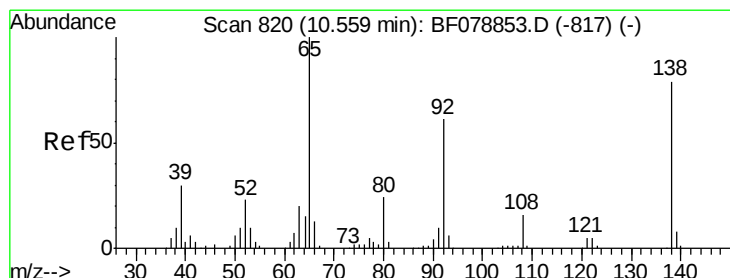
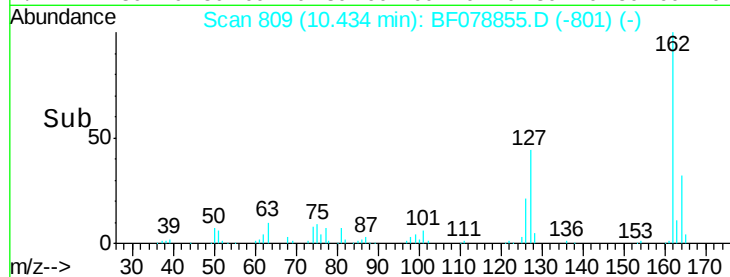
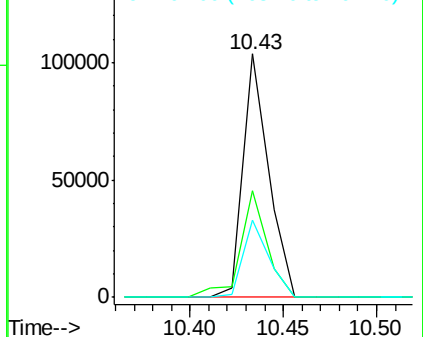
#46
2-Chloronaphthalene
Concen: 11.36 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 99776
Ion Ratio Lower Upper
162 100
127 43.6 33.9 50.9
164 31.8 26.3 39.5

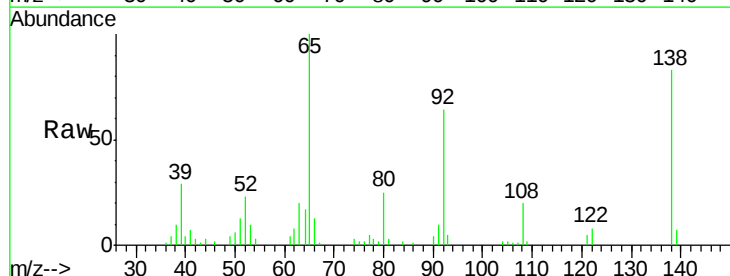


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

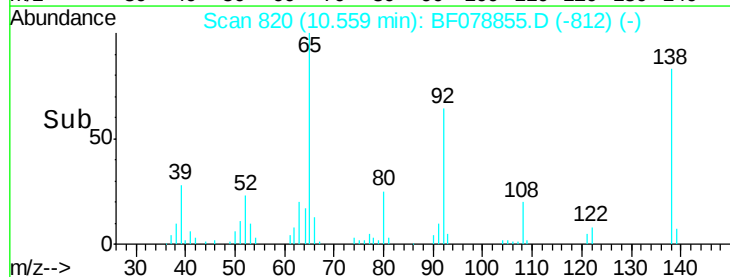
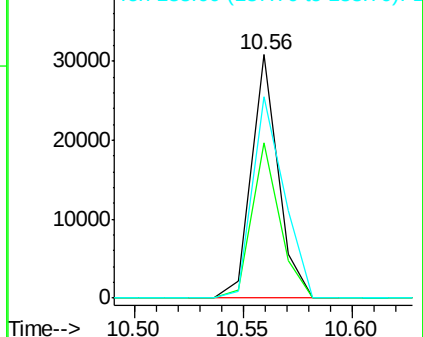


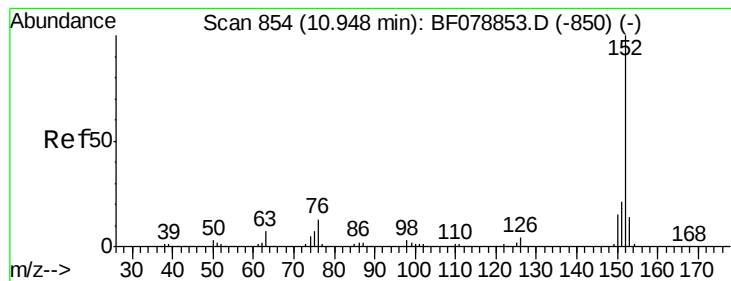
#47
2-Nitroaniline
Concen: 9.72 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion: 65 Resp: 26537
Ion Ratio Lower Upper
65 100
92 63.5 54.0 81.0
138 82.9 75.0 112.6



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





#48

Acenaphthylene

Concen: 11.31 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampled :

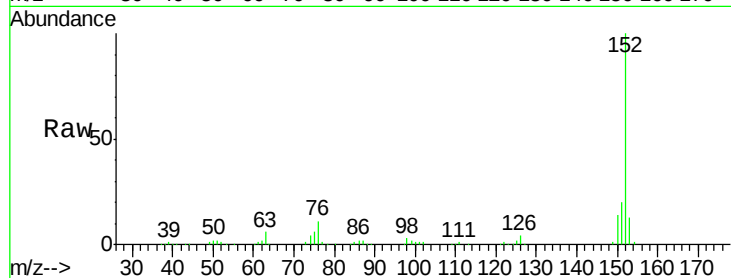
Tot Ion:152 Resp: 165172

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

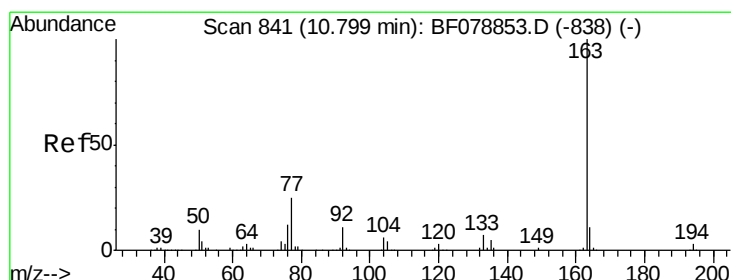
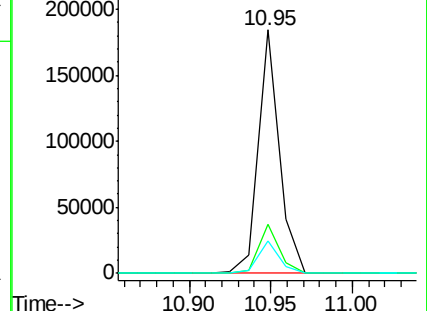
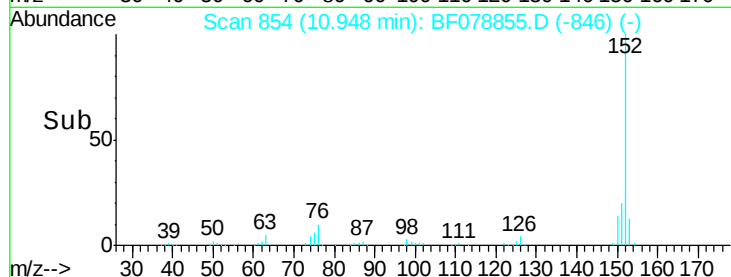
153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.49 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

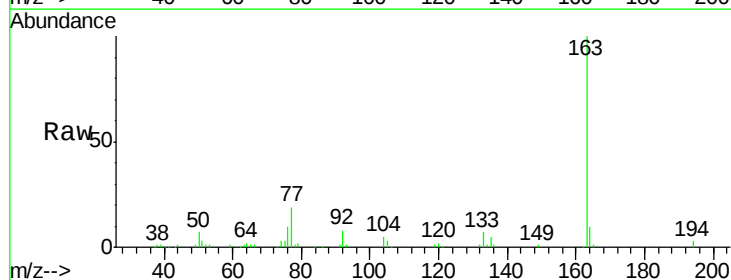
Tgt Ion:163 Resp: 119504

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

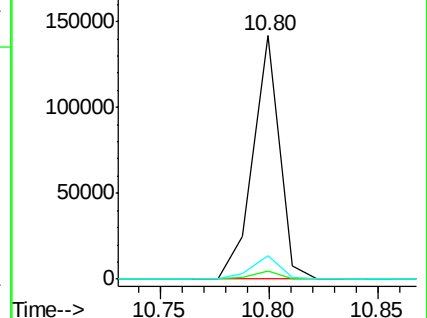
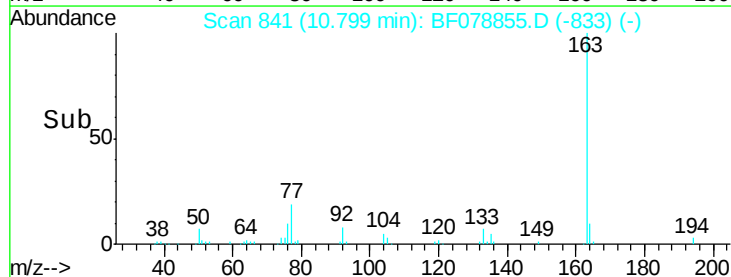
164 9.8 8.1 12.1

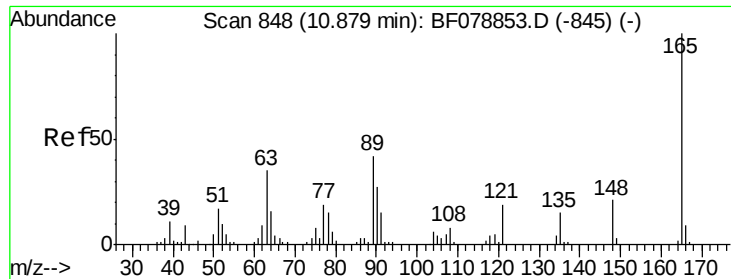


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

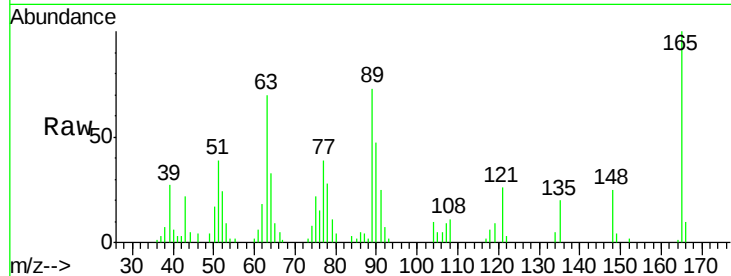




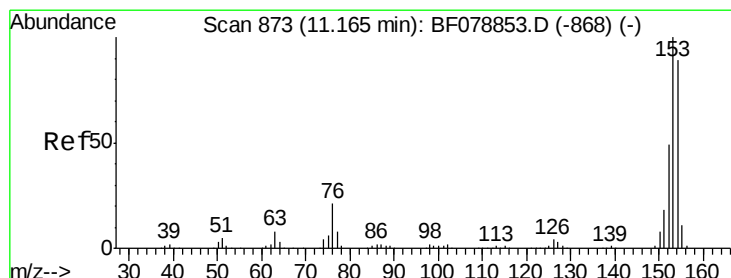
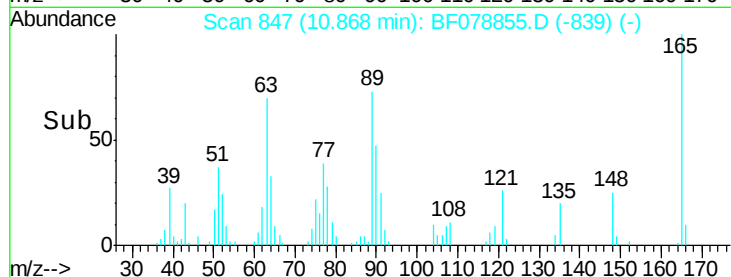
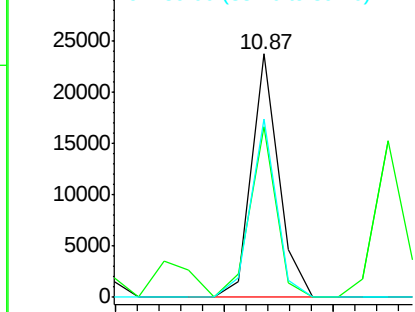
#50
2,6-Dinitrotoluene
Concen: 9.52 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 20458
Ion Ratio Lower Upper
165 100
63 70.1 54.4 81.6
89 73.0 55.7 83.5

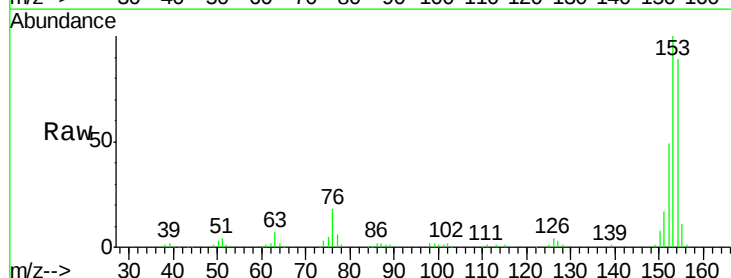


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

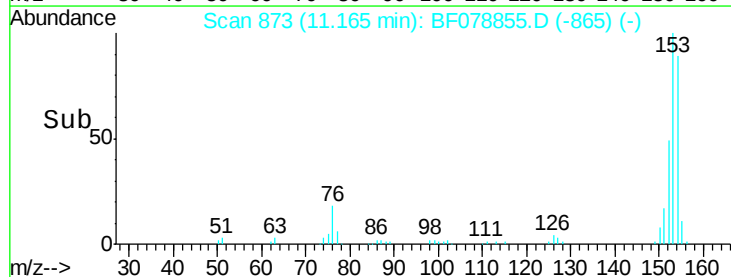
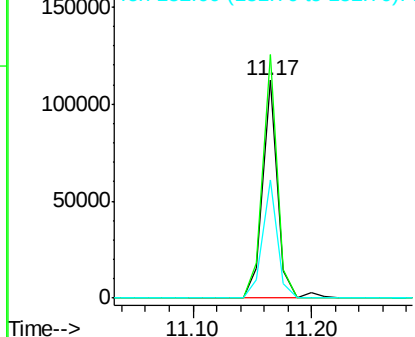


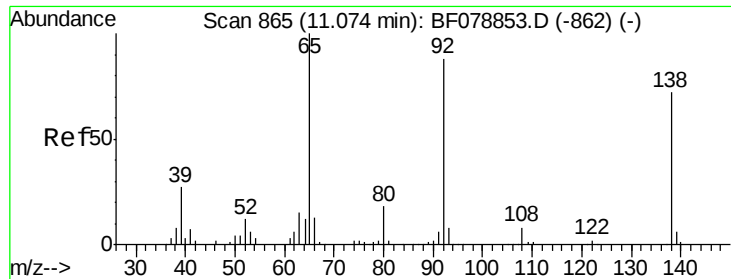
#51
Acenaphthene
Concen: 11.60 ng
RT: 11.17 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:154 Resp: 99887
Ion Ratio Lower Upper
154 100
153 111.9 91.5 137.3
152 54.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 10.14 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

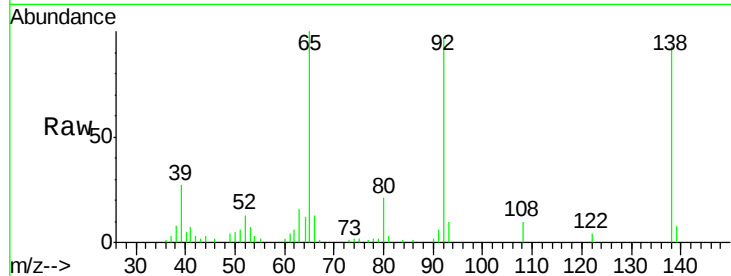
Tot Ion:138 Resp: 27393

Ion Ratio Lower Upper

138 100

108 10.7 10.6 16.0

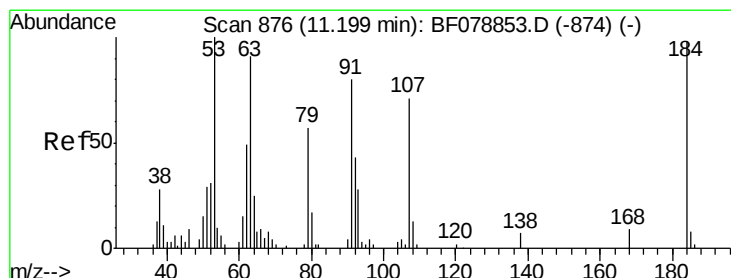
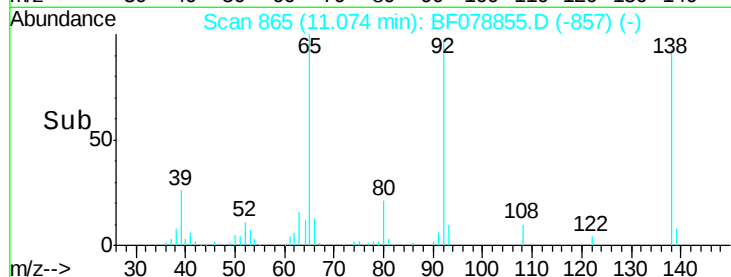
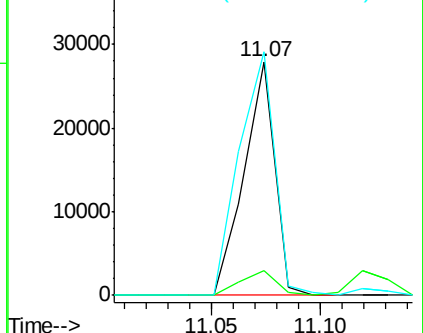
92 104.3 81.8 122.6



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): E



#53

2,4-Dinitrophenol

Concen: 4.78 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

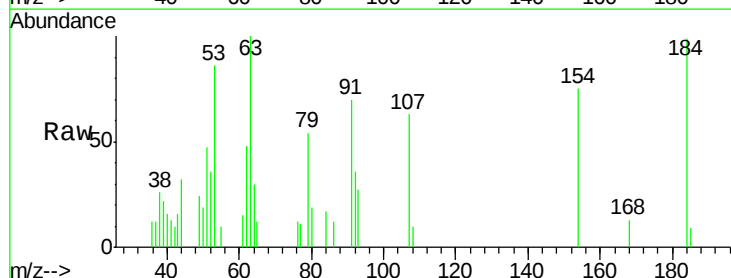
Tgt Ion:184 Resp: 3258

Ion Ratio Lower Upper

184 100

63 101.3 63.3 94.9#

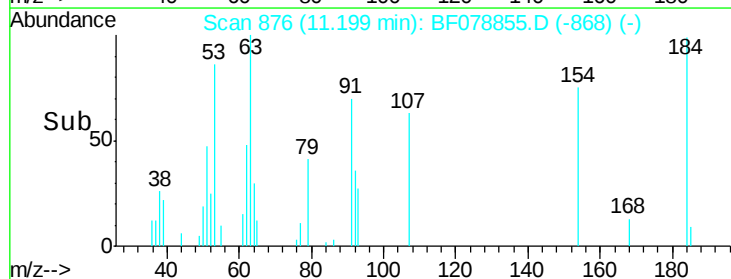
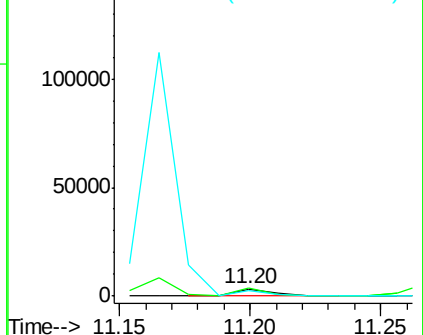
154 75.8 53.8 80.6

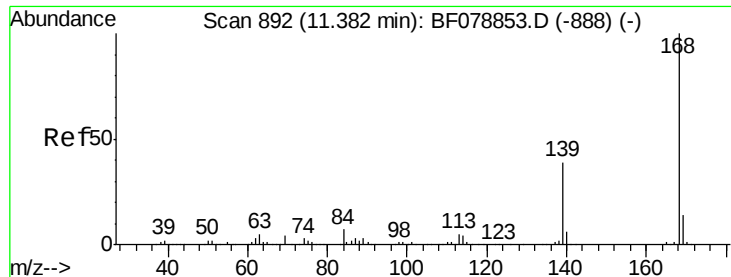


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

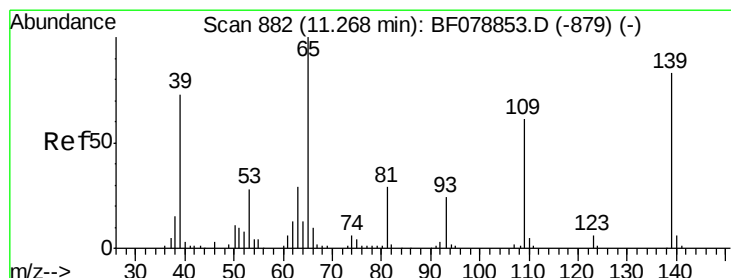
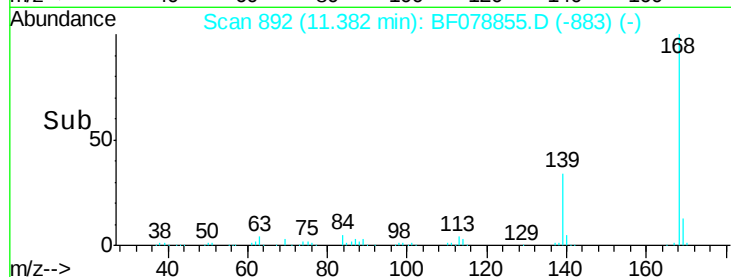
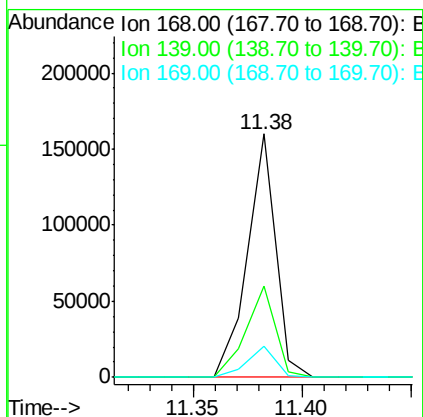
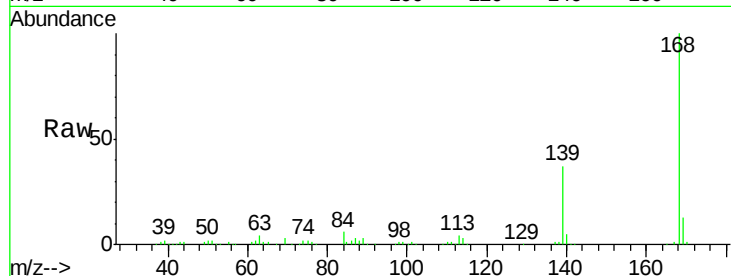




#54
Dibenzenofuran
Concen: 11.72 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

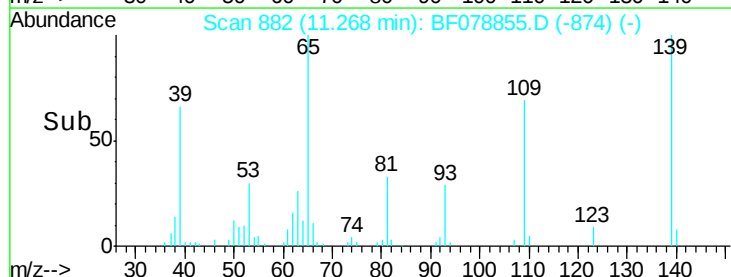
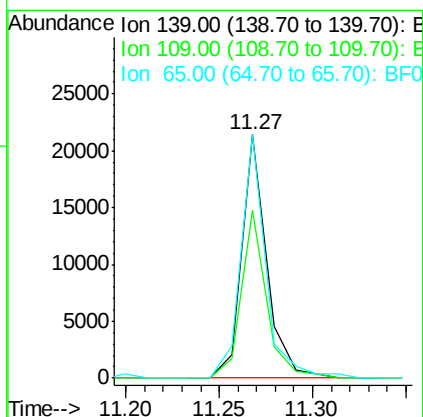
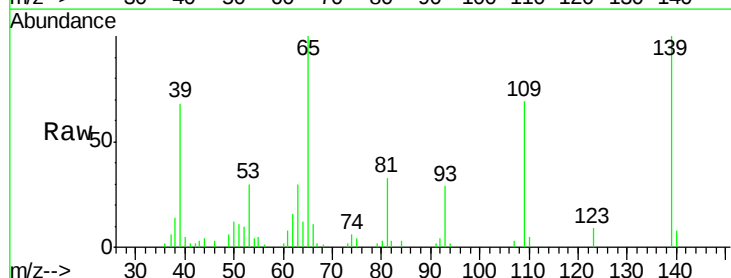
Instrument :
BNA_F
ClientSampleId :

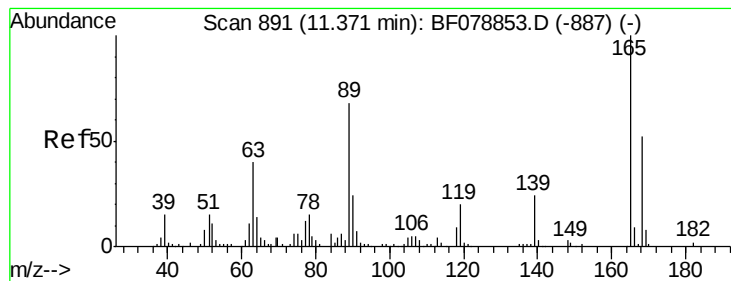
Tot Ion:168 Resp: 144583
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.4
169 13.0 10.6 16.0



#55
4-Nitrophenol
Concen: 9.40 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:139 Resp: 20009
Ion Ratio Lower Upper
139 100
109 69.0 47.6 87.6
65 99.8 54.3 94.3#





#56

2,4-Dinitrotoluene

Concen: 8.72 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25101

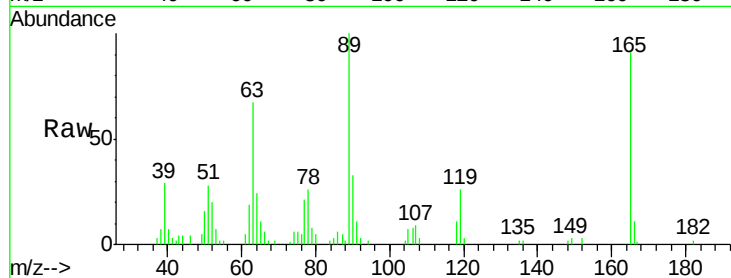
Ion Ratio Lower Upper

165 100

63 73.7 51.2 76.8

89 110.1 82.7 124.1

182 2.1 1.4 2.2

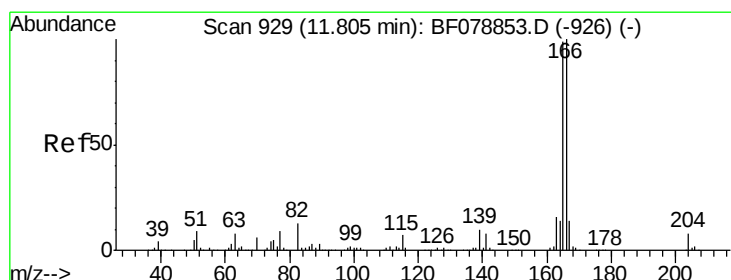
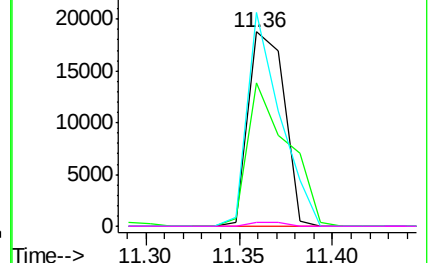
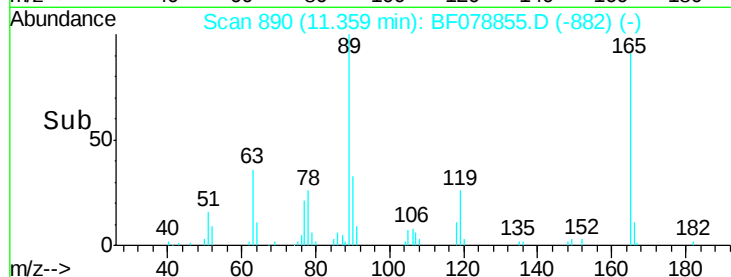


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 11.66 ng

RT: 11.81 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

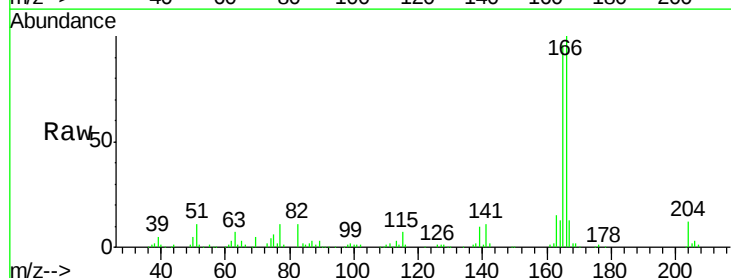
Tgt Ion:166 Resp: 118880

Ion Ratio Lower Upper

166 100

165 95.8 78.5 117.7

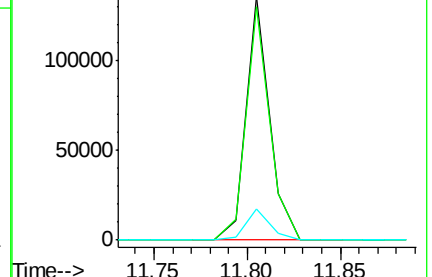
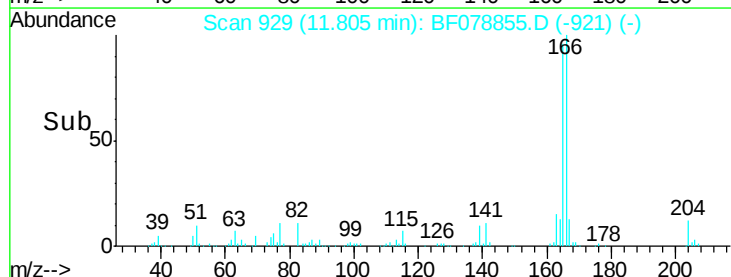
167 13.0 11.0 16.6

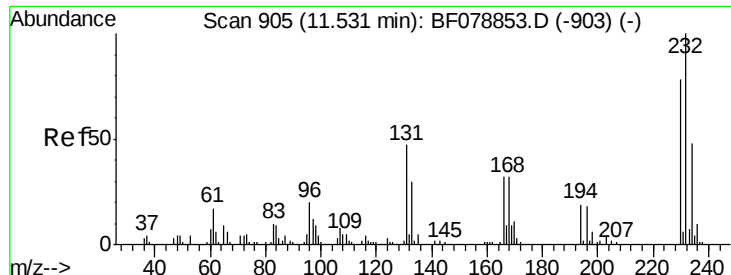


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

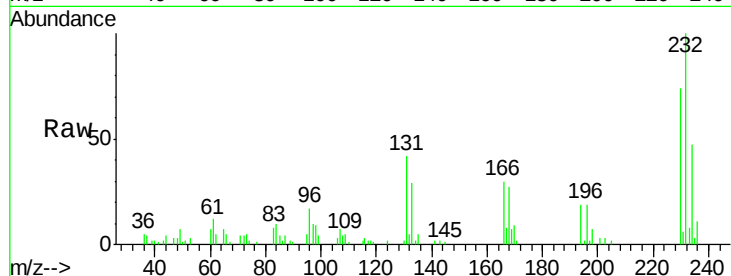




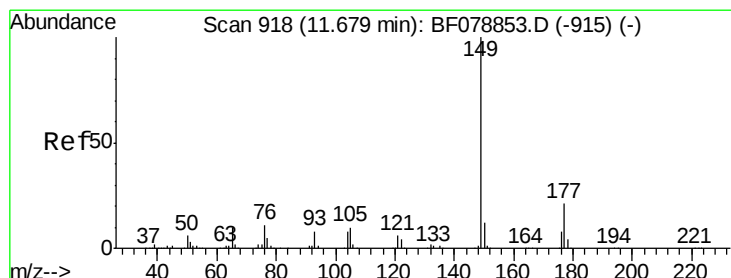
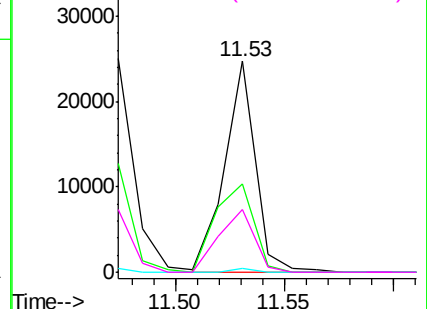
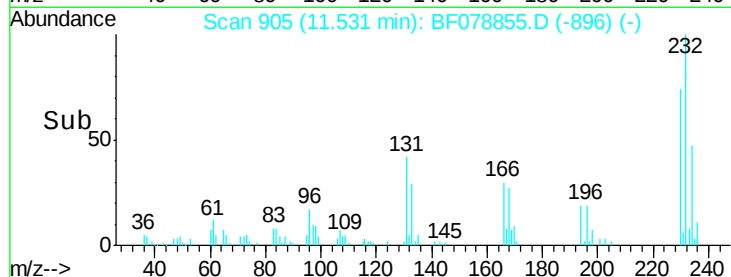
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.41 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 24327
 Ion Ratio Lower Upper
 232 100
 131 52.5 0.0 0.0#
 130 1.3 0.0 0.0#
 166 34.1 0.0 0.0#

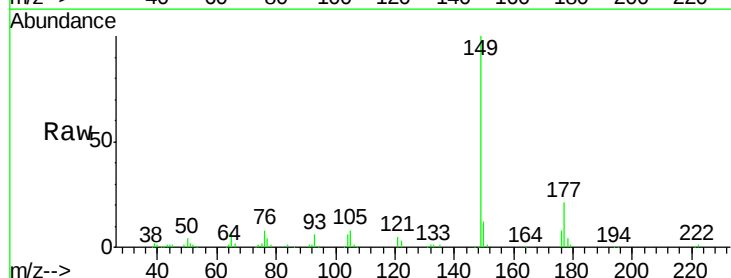


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

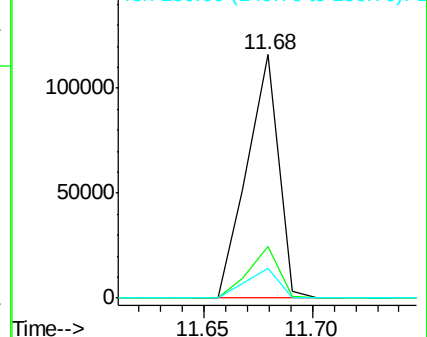
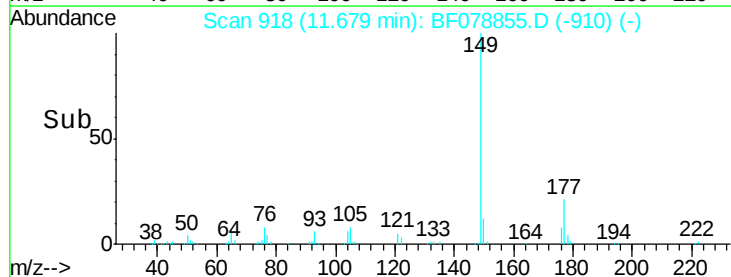


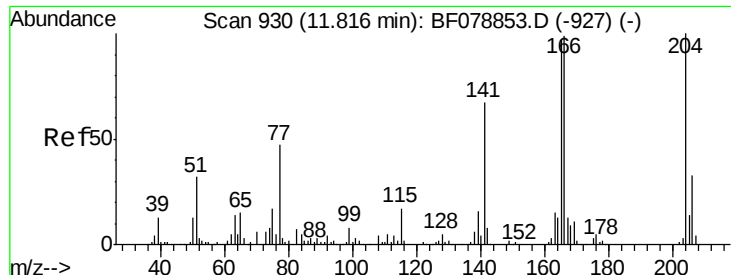
#59
 Diethylphthalate
 Concen: 11.21 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:149 Resp: 117337
 Ion Ratio Lower Upper
 149 100
 177 21.1 17.5 26.3
 150 12.1 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

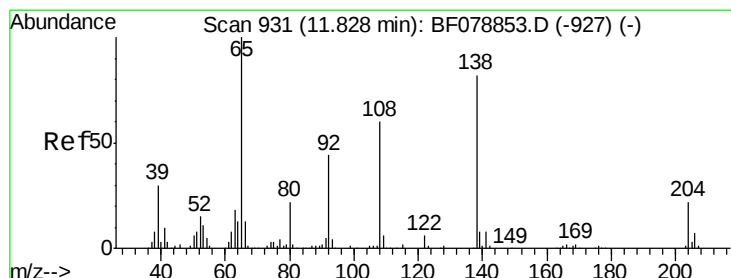
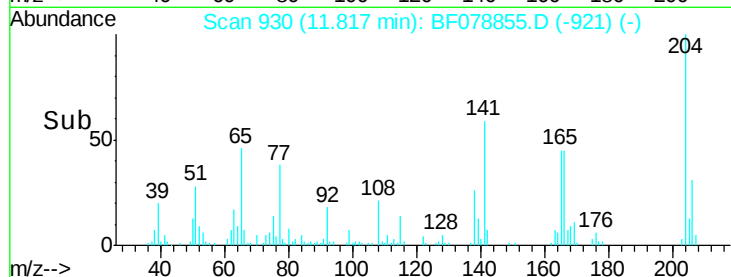
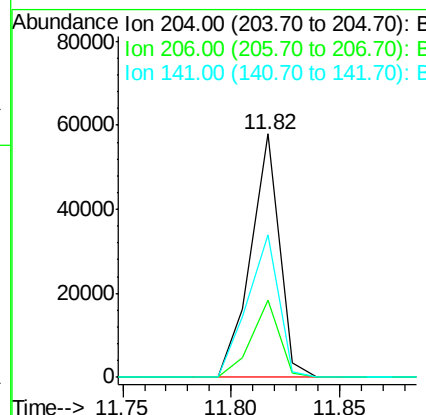
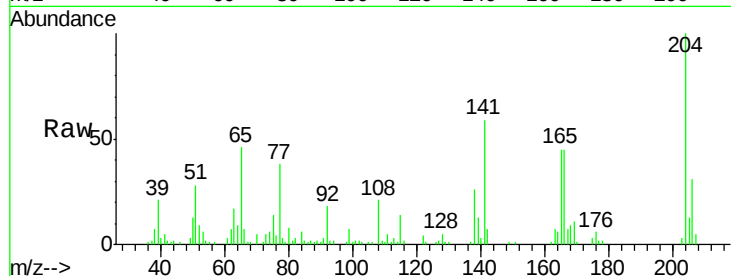




#60
 4-Chlorophenyl-phenylether
 Concen: 11.72 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

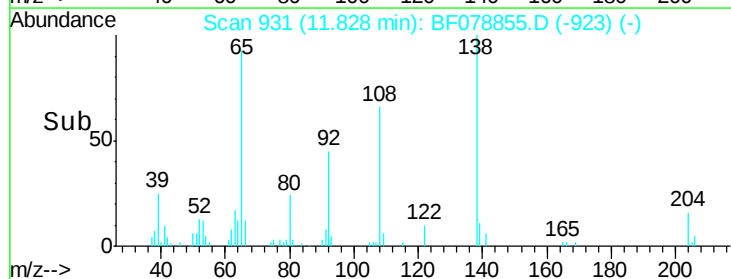
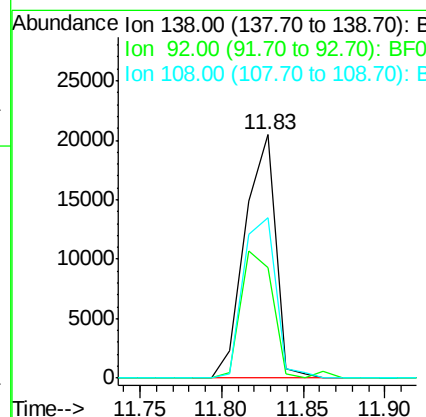
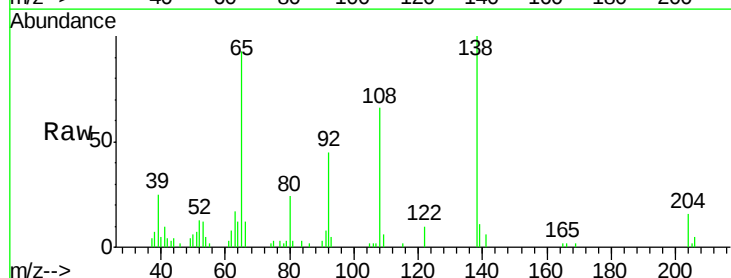
Instrument :
 BNA_F
 ClientSampled :

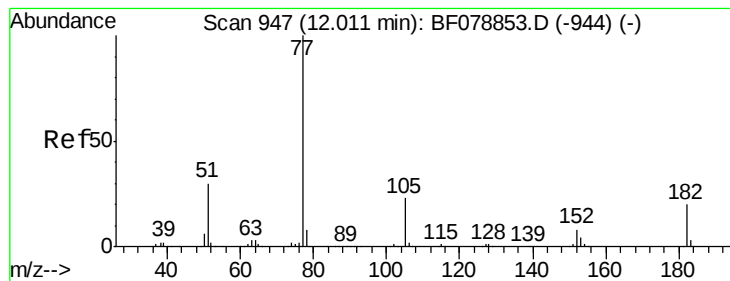
Tot Ion:204 Resp: 53200
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.9 40.3
 141 58.7 48.3 72.5



#61
 4-Nitroaniline
 Concen: 9.61 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:138 Resp: 26496
 Ion Ratio Lower Upper
 138 100
 92 45.4 28.0 68.0
 108 66.1 56.3 96.3





#62

Azobenzene

Concen: 11.19 ng

RT: 12.01 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 116496

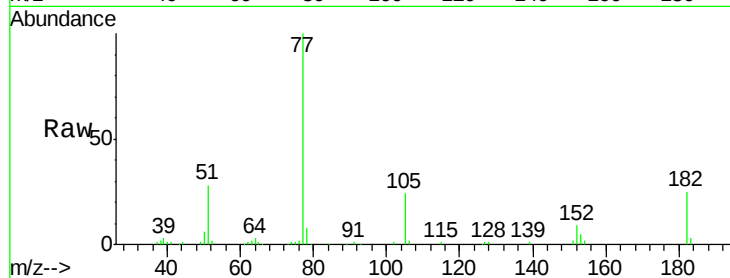
Ion Ratio Lower Upper

77 100

182 25.4 3.8 43.8

105 23.9 3.9 43.9

51 27.9 10.8 50.8

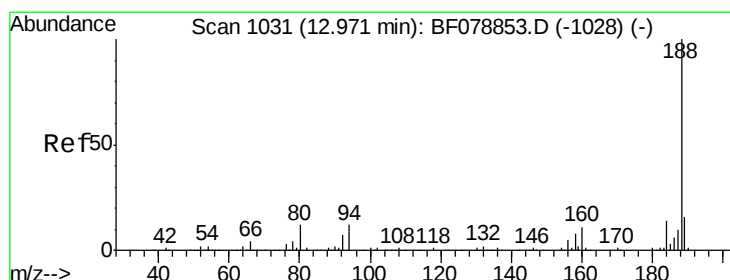
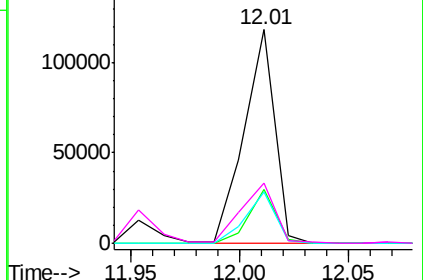
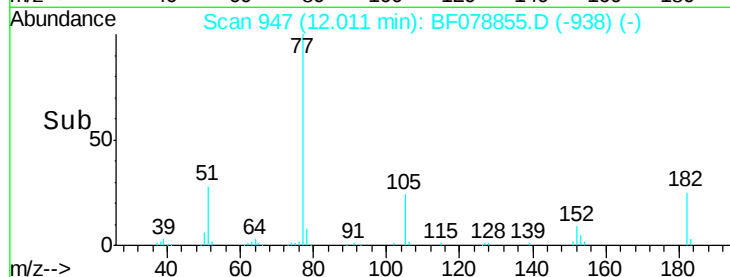


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

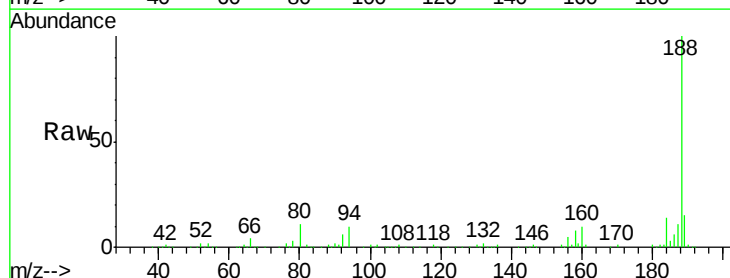
Tgt Ion: 188 Resp: 291072

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

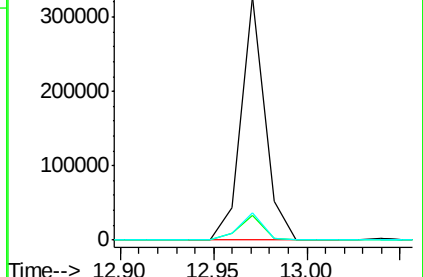
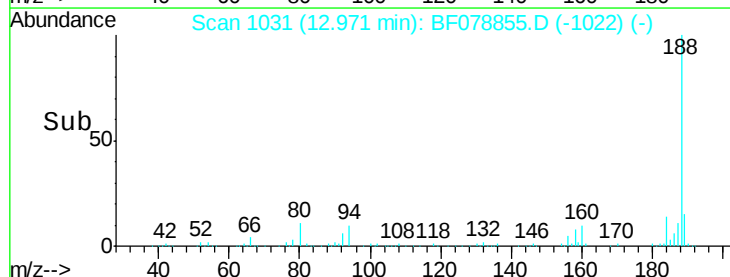
80 11.0 8.9 13.3

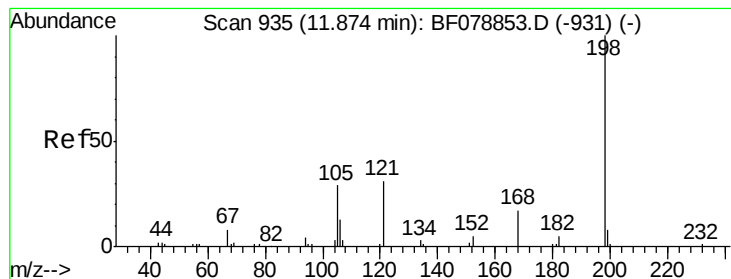


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.12 ng

RT: 11.86 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampled :

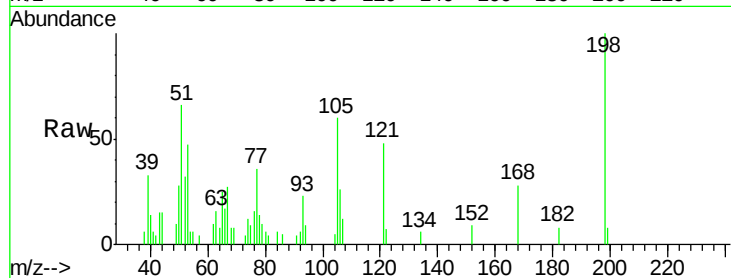
Tot Ion:198 Resp: 7624

Ion Ratio Lower Upper

198 100

51 65.5 47.3 87.3

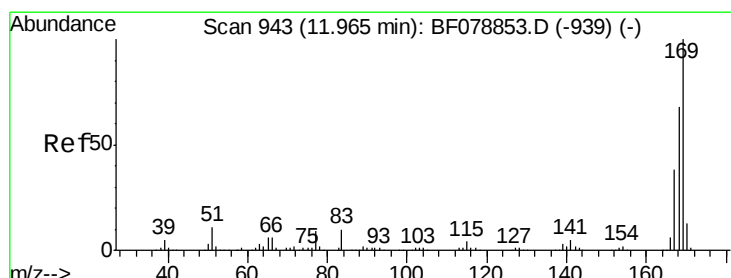
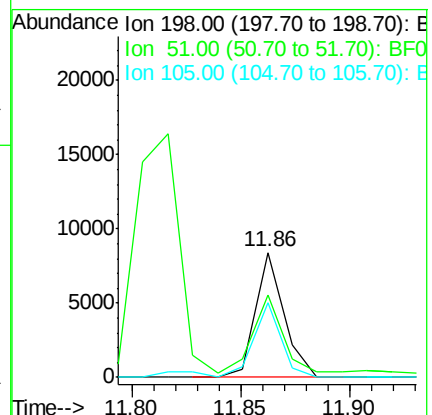
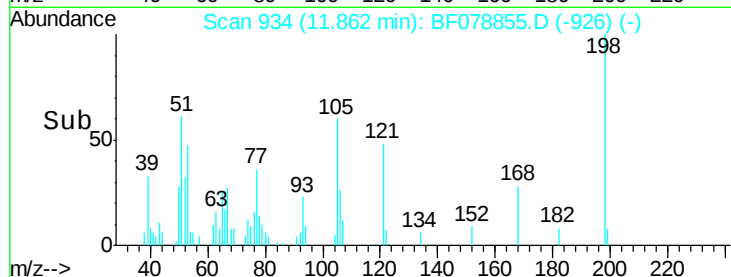
105 59.6 38.8 78.8



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: 10.32 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

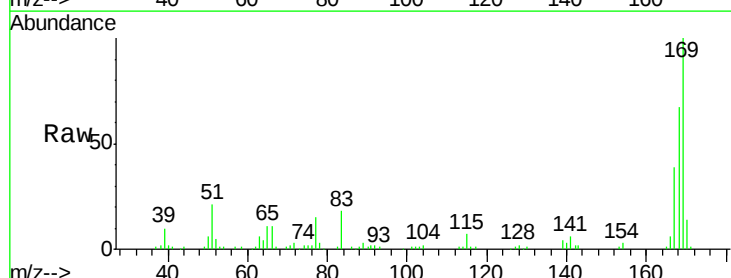
Tgt Ion:169 Resp: 100059

Ion Ratio Lower Upper

169 100

168 66.8 54.6 82.0

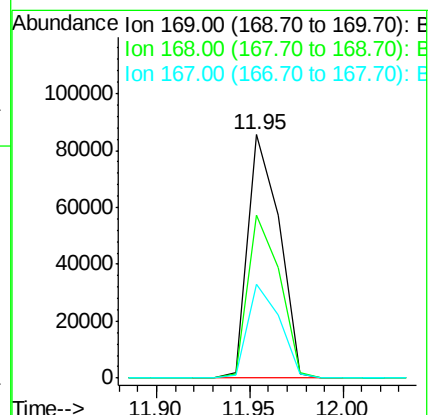
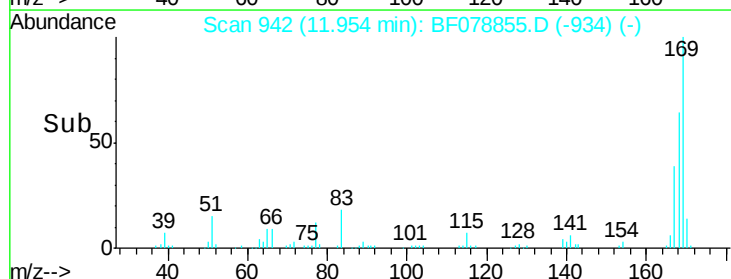
167 38.6 30.6 45.8

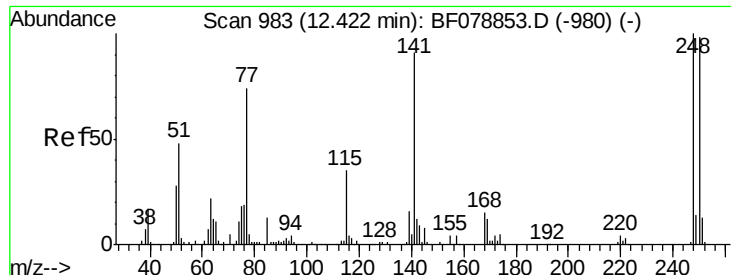


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

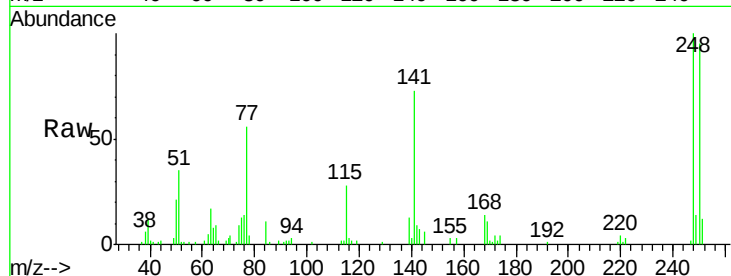




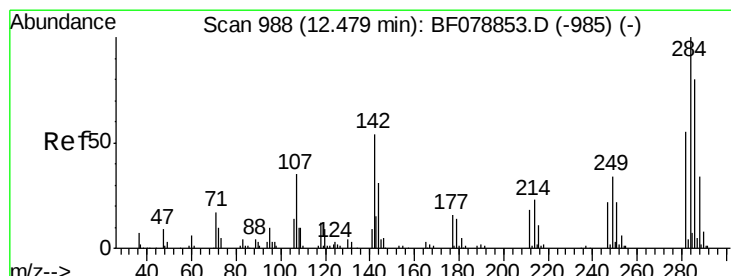
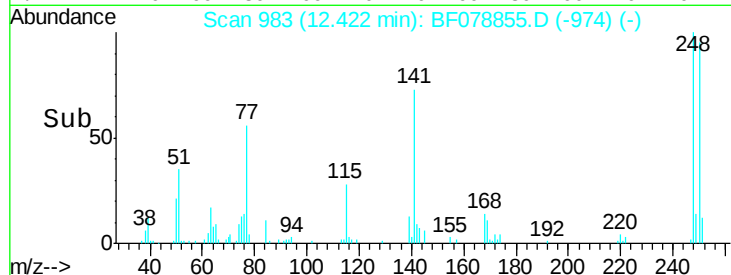
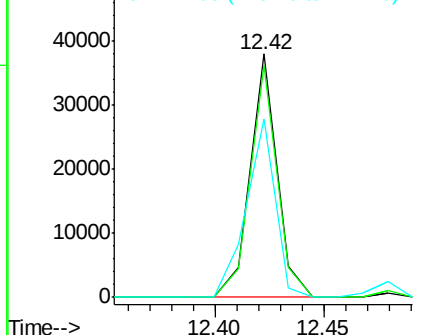
#66
 4-Bromophenyl-phenylether
 Concen: 10.95 ng
 RT: 12.42 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 32523
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.1 115.7
 141 73.1 58.8 88.2

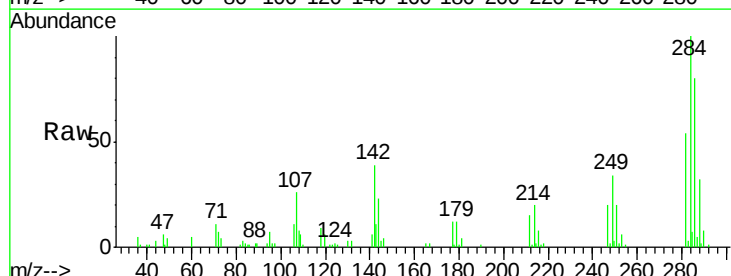


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

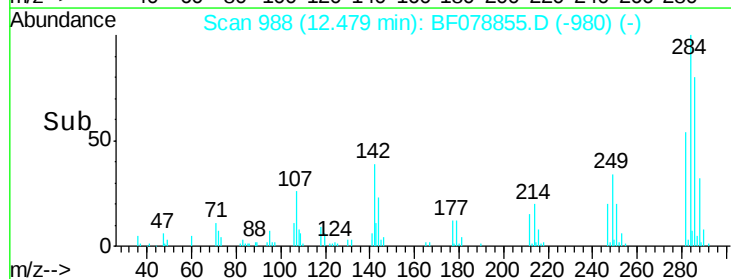
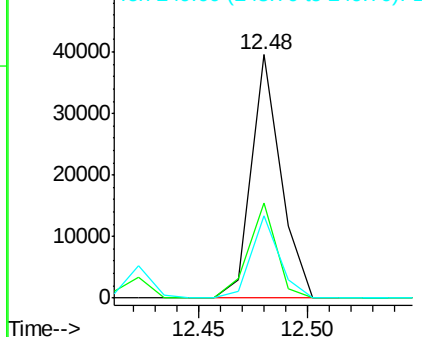


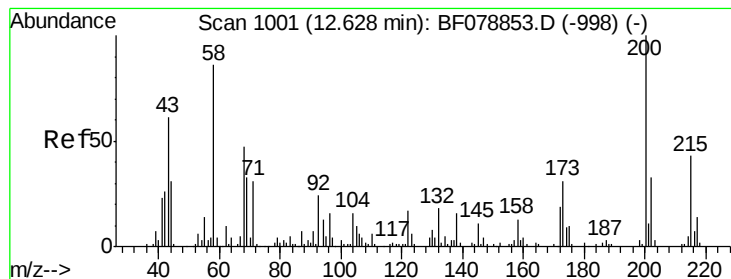
#67
 Hexachlorobenzene
 Concen: 10.97 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:284 Resp: 37243
 Ion Ratio Lower Upper
 284 100
 142 39.2 35.2 52.8
 249 33.6 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: 10.28 ng

RT: 12.63 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

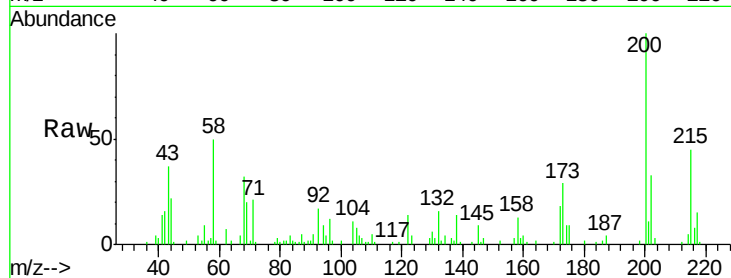
Tot Ion:200 Resp: 29196

Ion Ratio Lower Upper

200 100

173 29.4 8.1 48.1

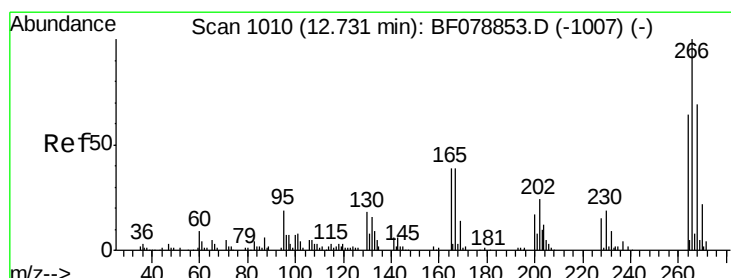
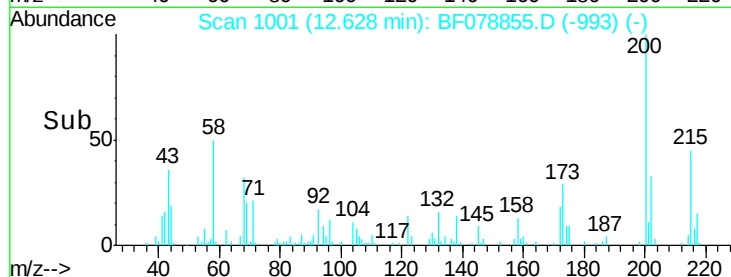
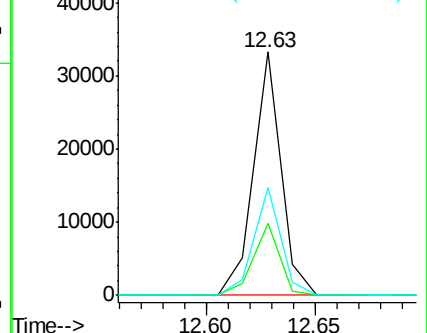
215 44.5 22.9 62.9



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: 7.01 ng

RT: 12.73 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

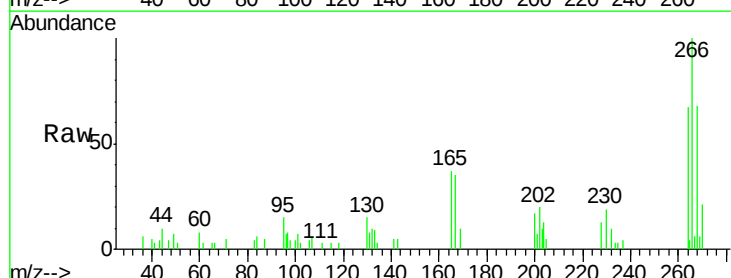
Tgt Ion:266 Resp: 12864

Ion Ratio Lower Upper

266 100

268 67.7 55.0 82.6

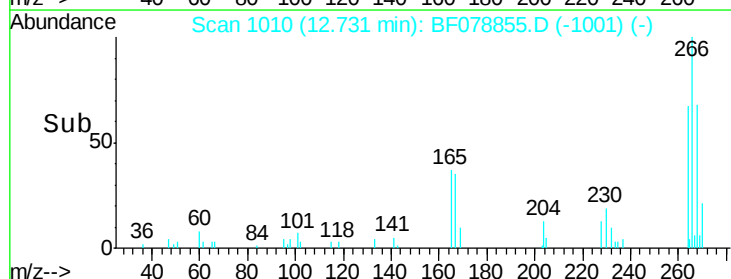
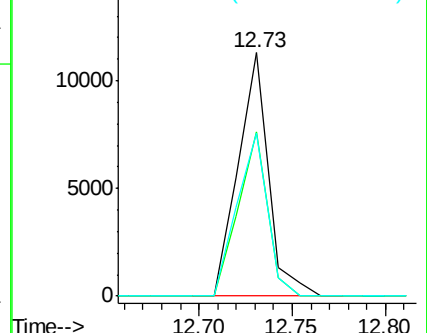
264 66.8 48.2 72.2

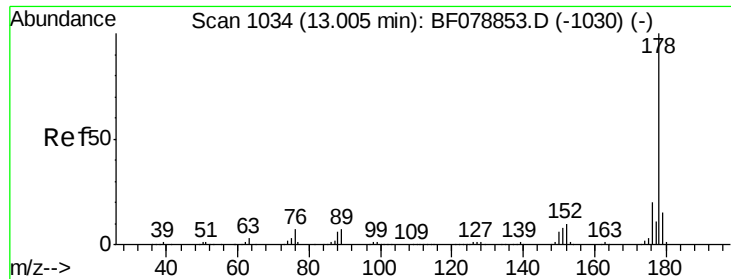


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

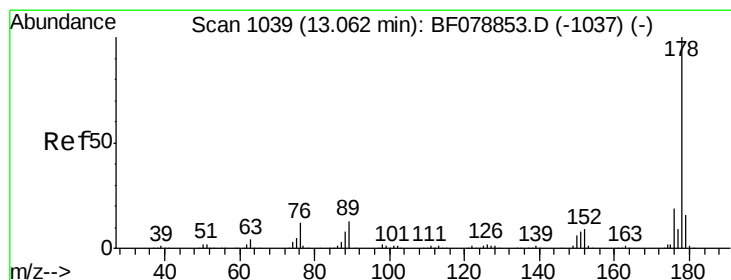
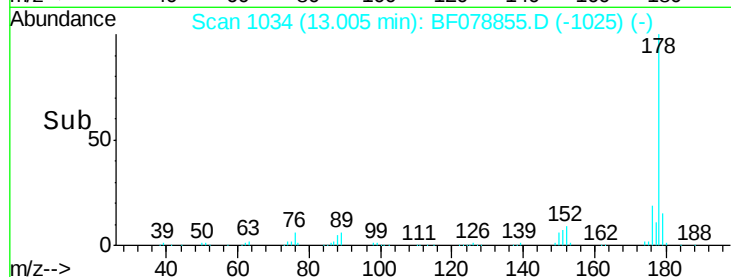
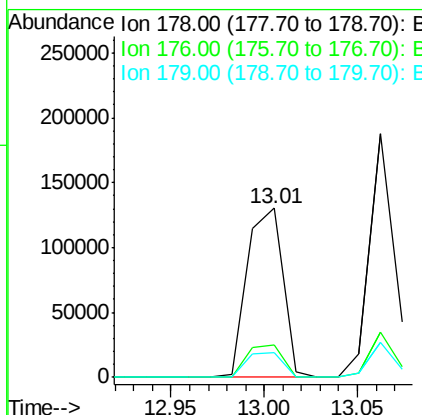
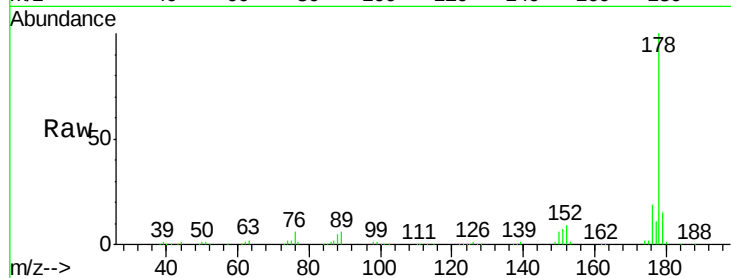




#70
Phenanthrene
Concen: 10.87 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

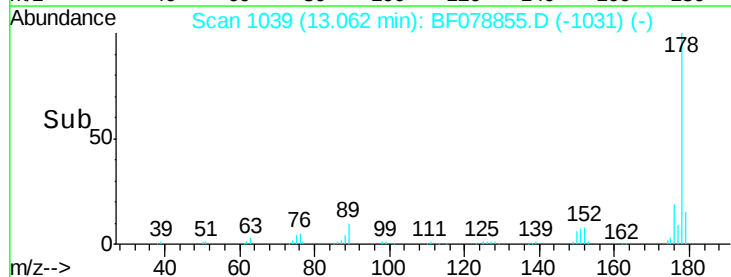
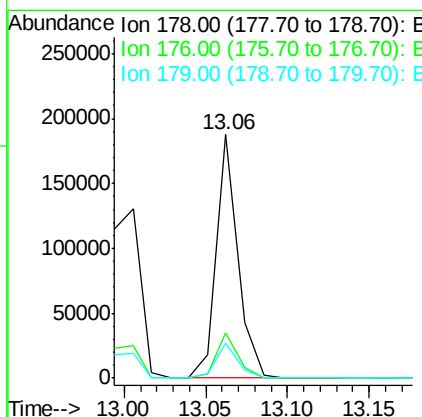
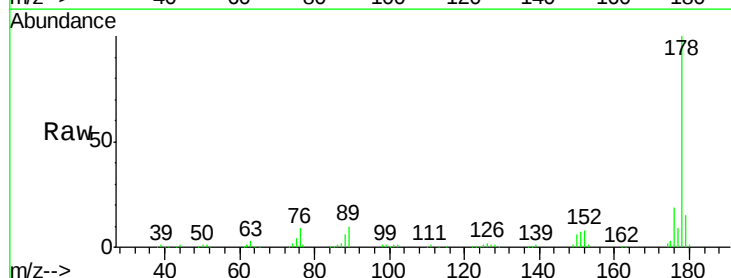
Instrument :
BNA_F
ClientSampleId :

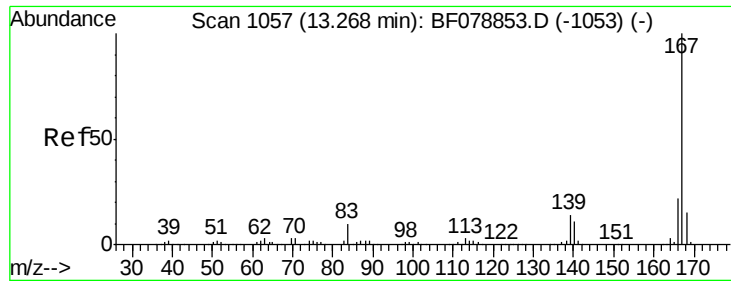
Tot Ion:178 Resp: 172537
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.5 12.5 18.7



#71
Anthracene
Concen: 10.95 ng
RT: 13.06 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:178 Resp: 172702
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 14.6 12.7 19.1

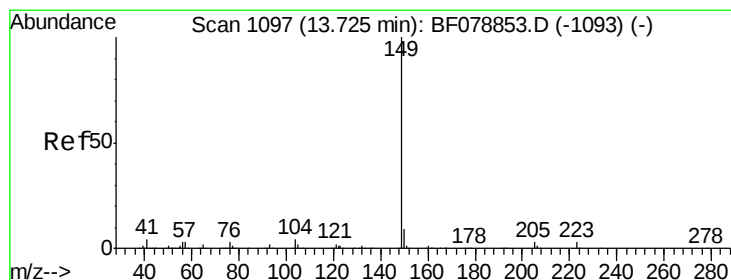
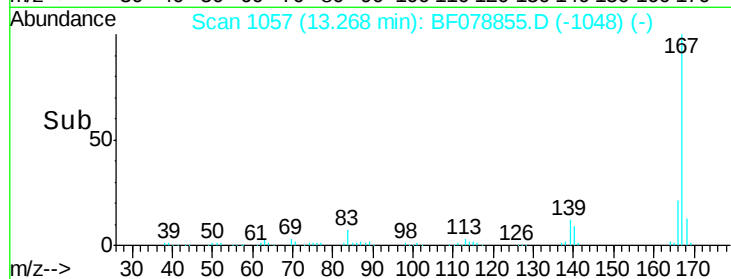
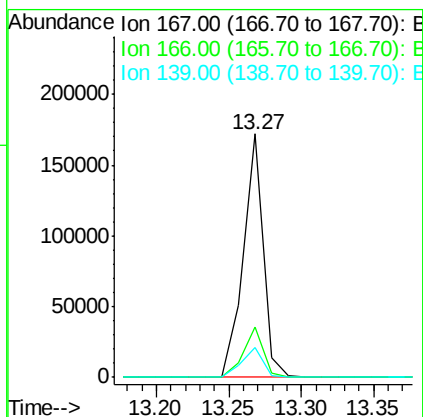
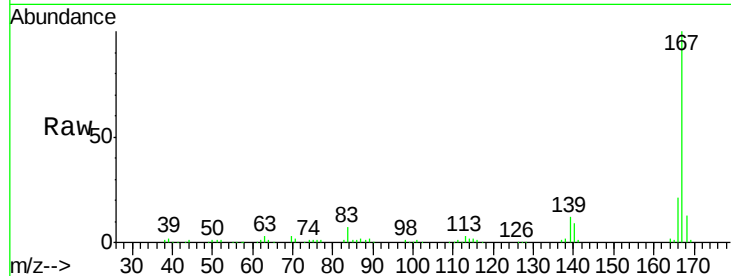




#72
 Carbazole
 Concen: 10.99 ng
 RT: 13.27 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

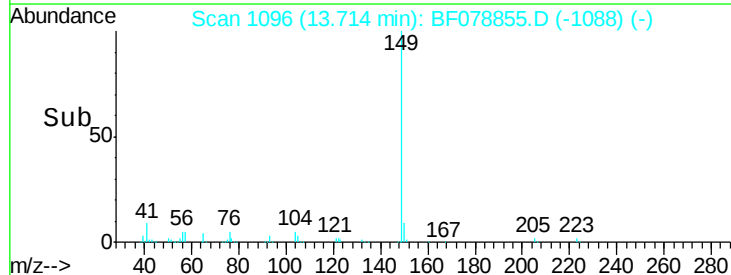
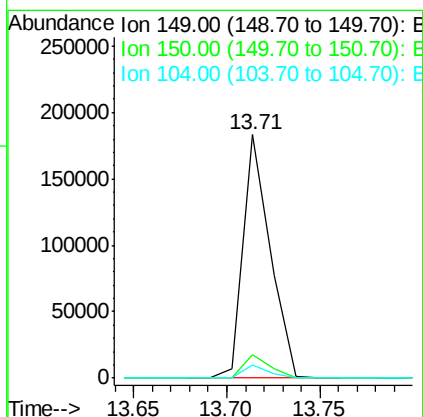
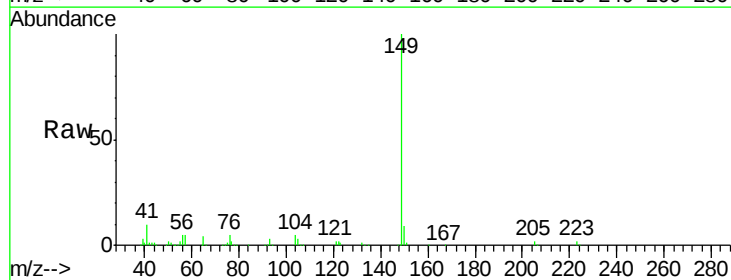
Instrument :
 BNA_F
 ClientSampleId :

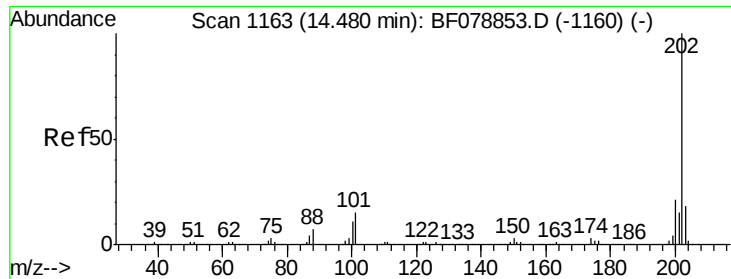
Tot Ion:167 Resp: 164432
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.8 26.8
 139 12.3 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 9.85 ng
 RT: 13.71 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:149 Resp: 184208
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.6 7.0

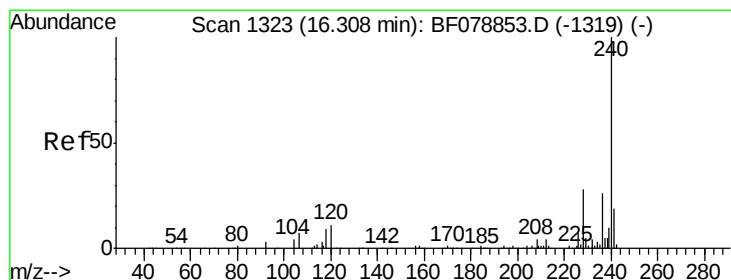
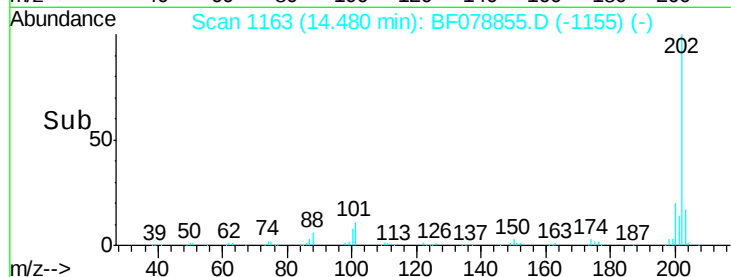
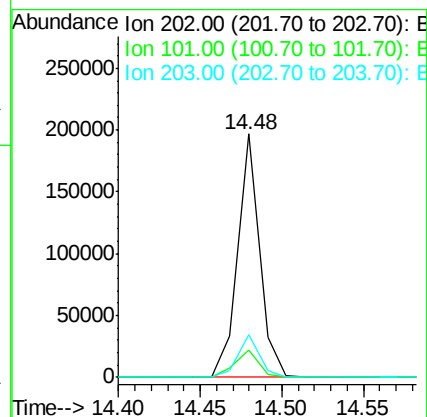
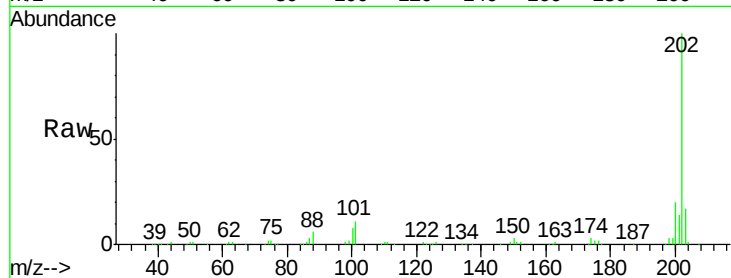




#74
 Fluoranthene
 Concen: 10.75 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

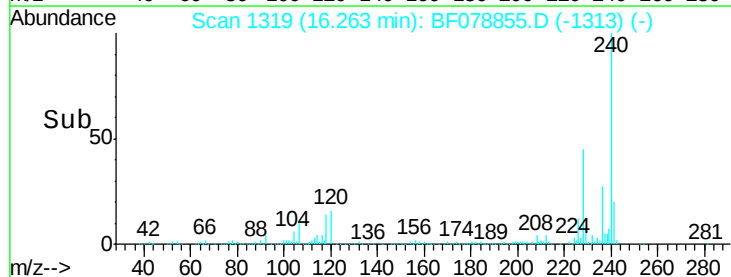
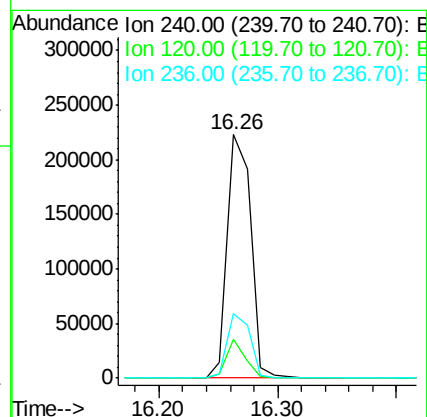
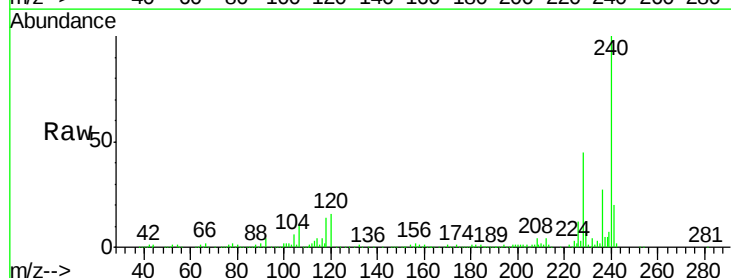
Instrument :
 BNA_F
 ClientSampled :

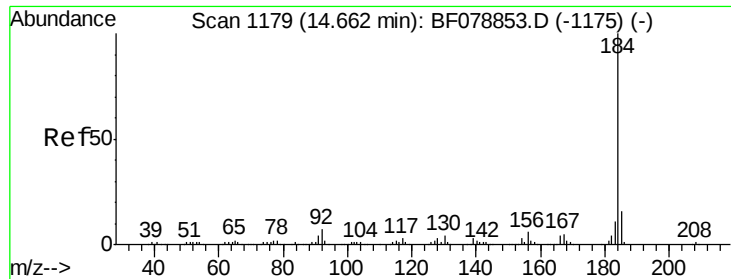
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.6
203	17.3	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.7	14.5#
236	26.6	20.2	30.4





#76

Benzidine

Concen: 9.82 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

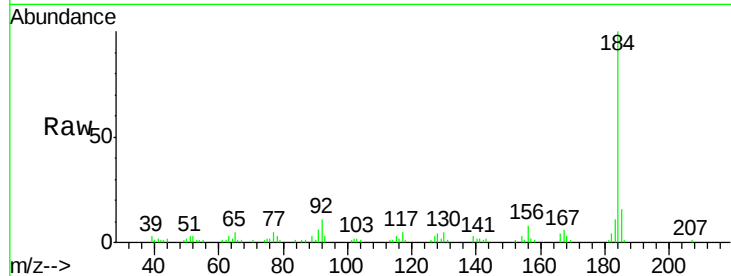
Tot Ion:184 Resp: 83316

Ion Ratio Lower Upper

184 100

185 16.3 12.3 18.5

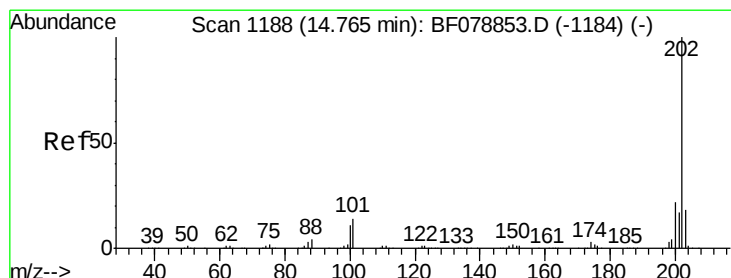
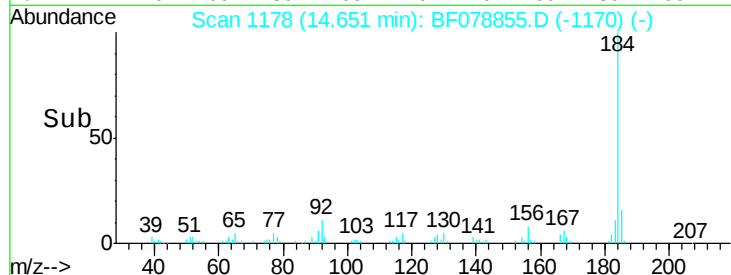
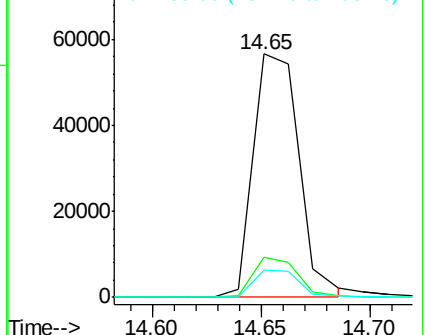
183 11.4 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 11.04 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

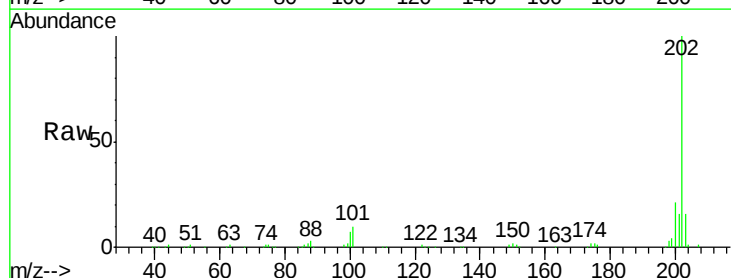
Tgt Ion:202 Resp: 191228

Ion Ratio Lower Upper

202 100

200 20.9 17.5 26.3

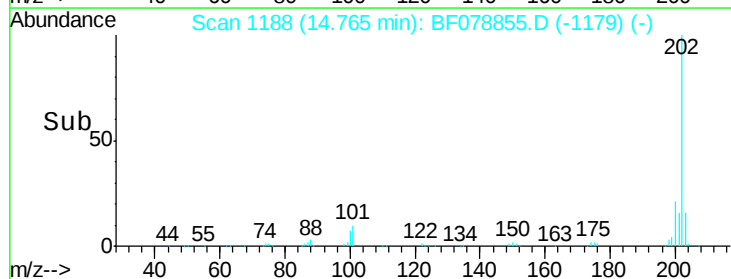
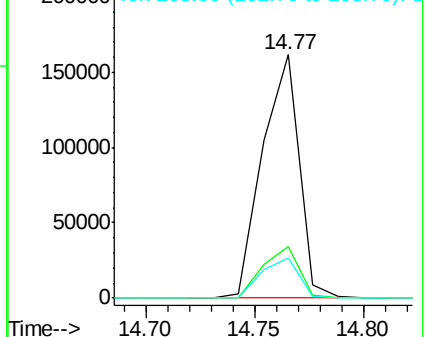
203 16.3 13.9 20.9

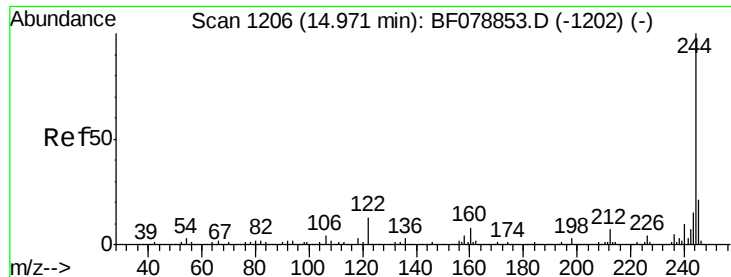


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

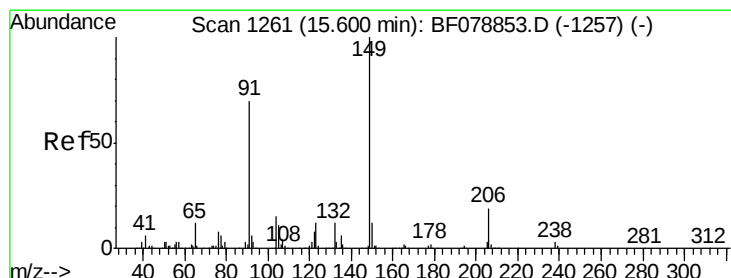
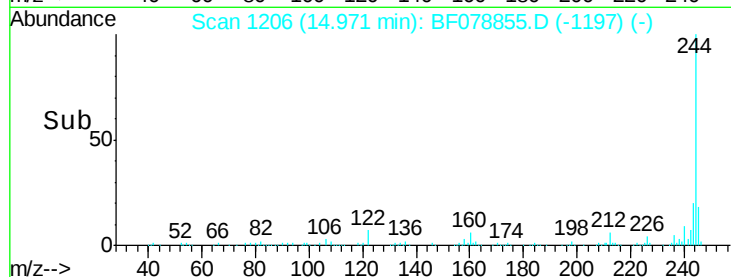
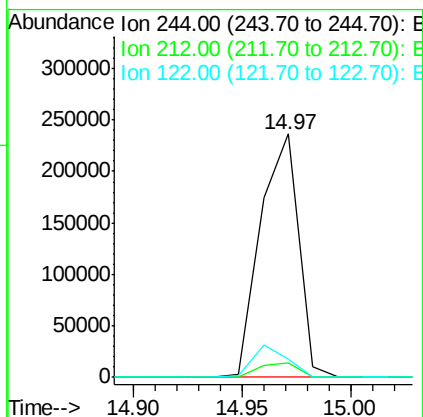
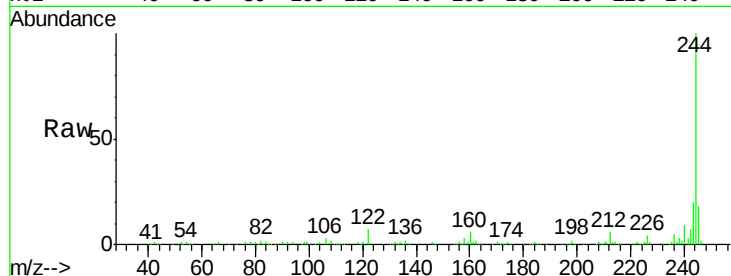




#78
 Terphenyl-d14
 Concen: 11.95 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

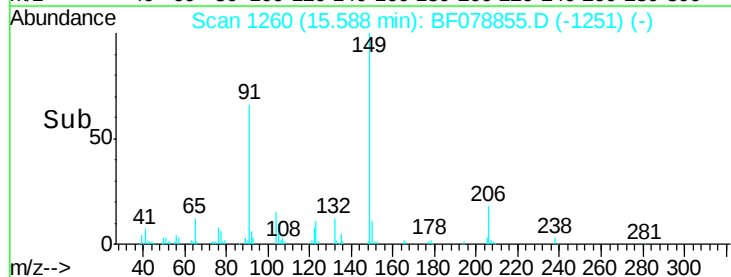
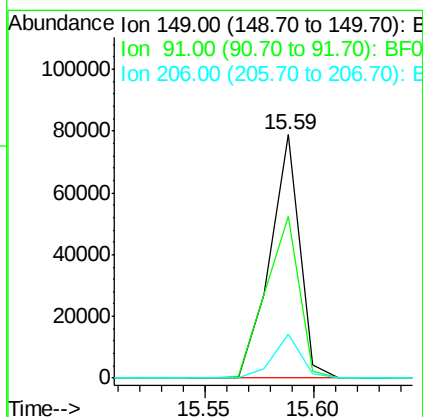
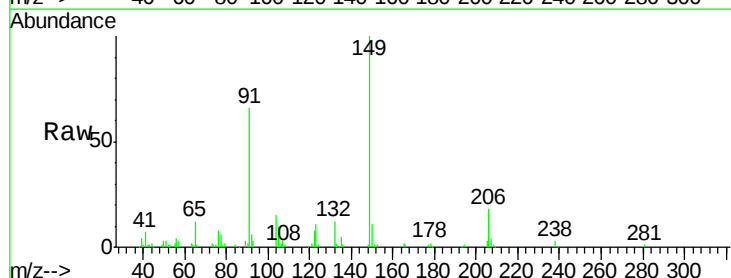
Instrument :
 BNA_F
 ClientSampleId :

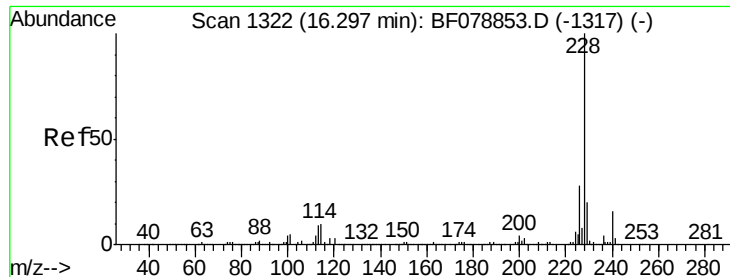
Tot Ion:244 Resp: 291642
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 7.4 10.3 15.5#



#79
 Butylbenzylphthalate
 Concen: 9.28 ng
 RT: 15.59 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion:149 Resp: 75689
 Ion Ratio Lower Upper
 149 100
 91 66.2 64.6 97.0
 206 18.3 12.2 18.4





#80

Benzo(a)anthracene

Concen: 10.87 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.03 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

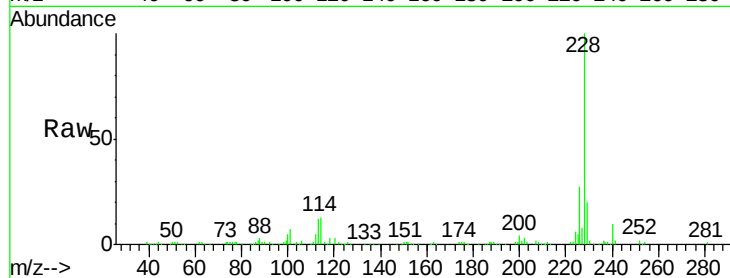
Tot Ion:228 Resp: 180223

Ion Ratio Lower Upper

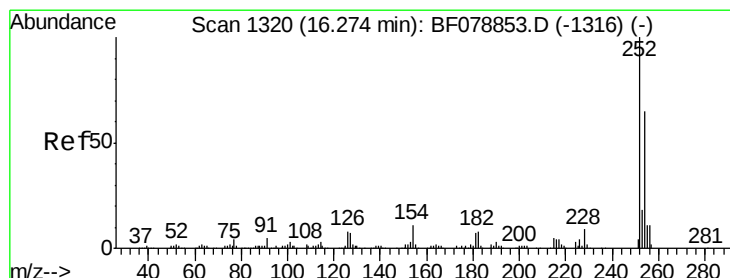
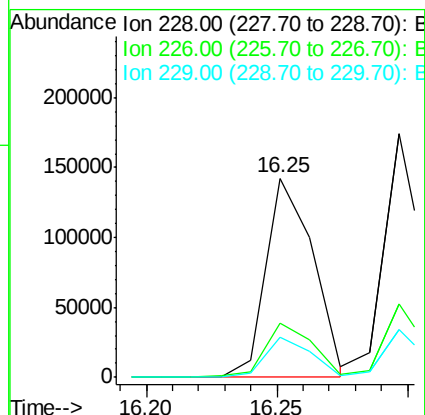
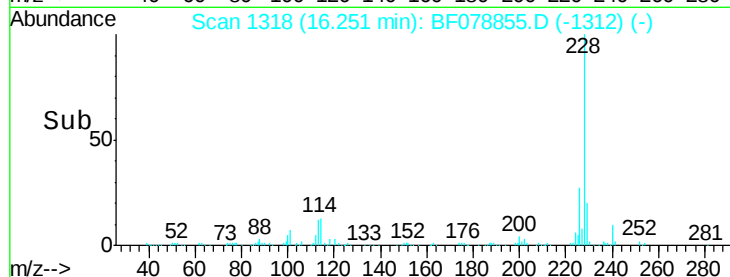
228 100

226 27.4 22.6 33.8

229 20.0 15.9 23.9



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



#81

3,3'-Dichlorobenzidine

Concen: 9.78 ng

RT: 16.23 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

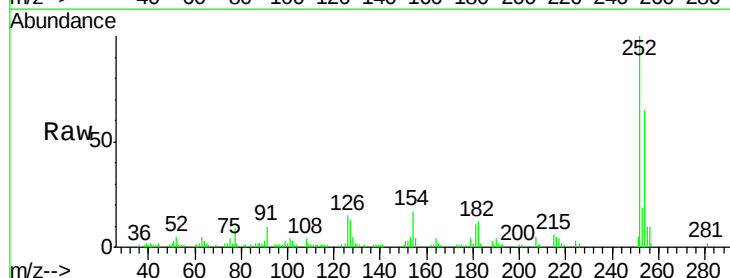
Tgt Ion:252 Resp: 60561

Ion Ratio Lower Upper

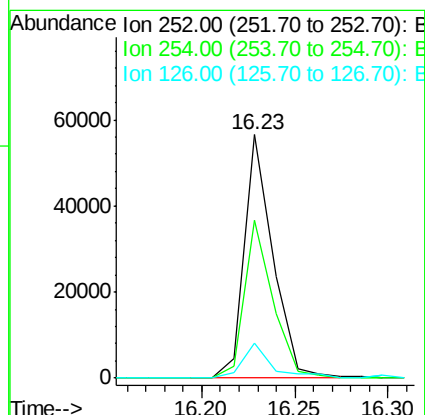
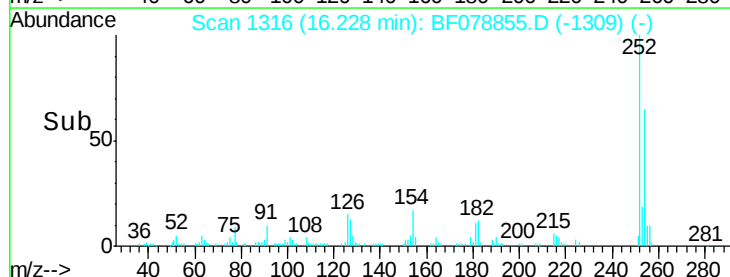
252 100

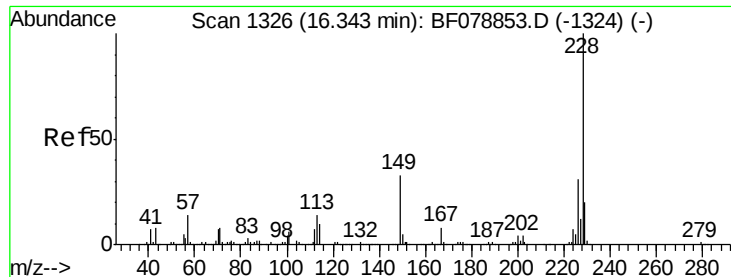
254 65.0 51.3 76.9

126 14.6 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

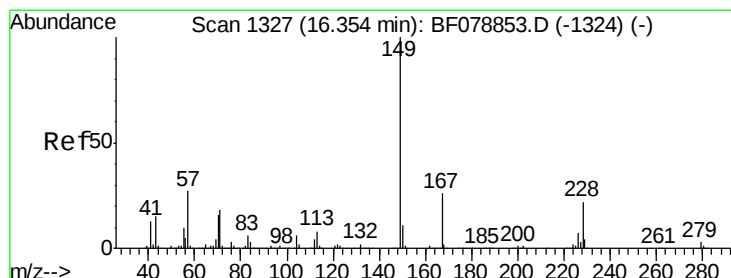
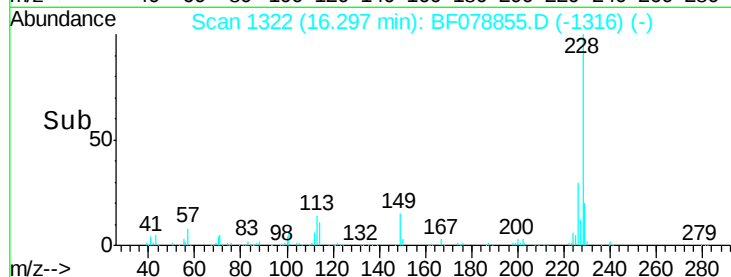
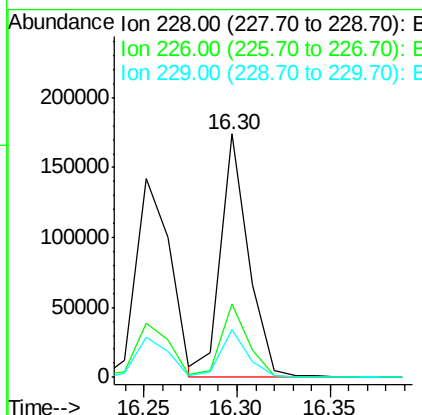
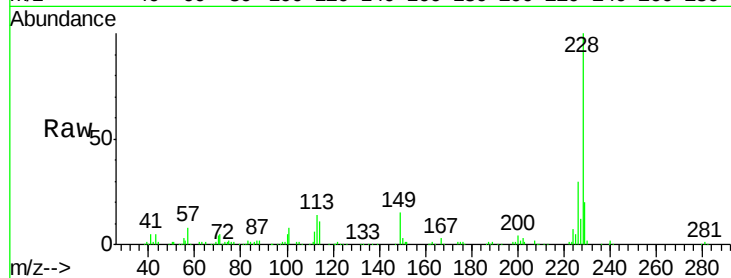




#82
 Chrysene
 Concen: 11.78 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

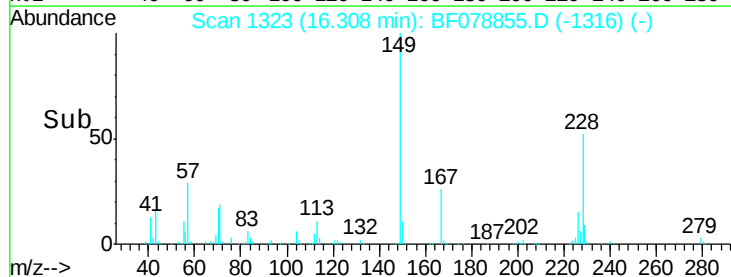
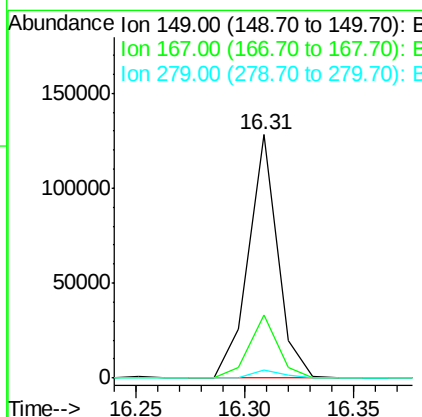
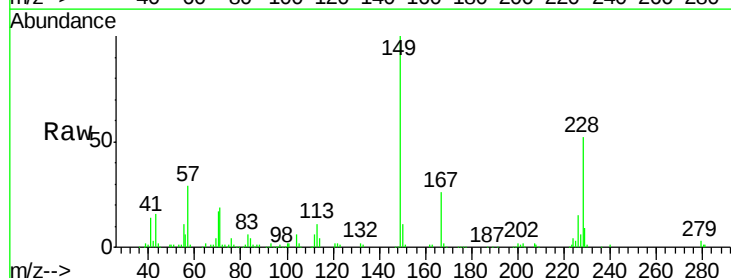
Instrument :
 BNA_F
 ClientSampleId :

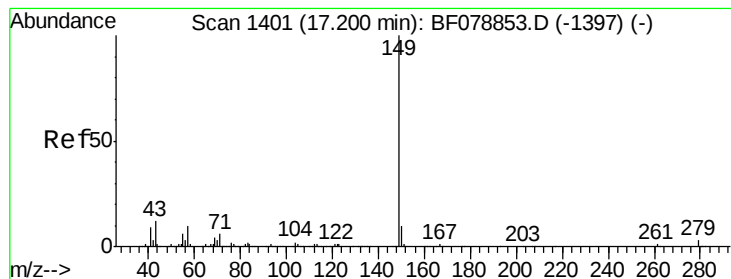
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.6	16.0	24.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.83 ng
 RT: 16.31 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF078855.D
 Acq: 30 Apr 2015 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.8
279	3.1	2.9	4.3





#84

Di-n-octyl phthalate

Concen: 8.94 ng

RT: 17.11 min Scan# 1393

Delta R.T. -0.06 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Instrument :

BNA_F

ClientSampleId :

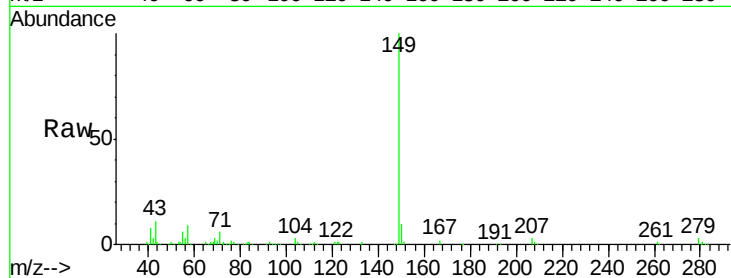
Tot Ion:149 Resp: 187175

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

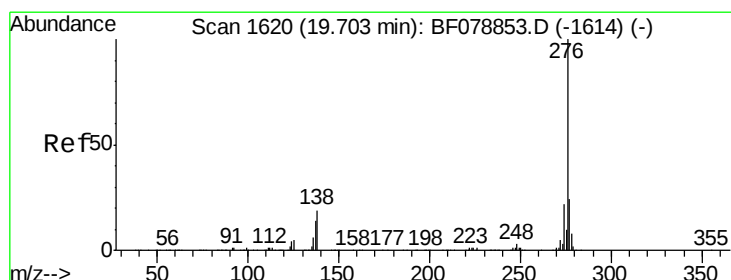
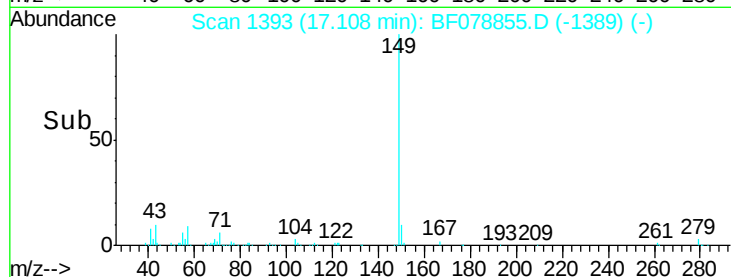
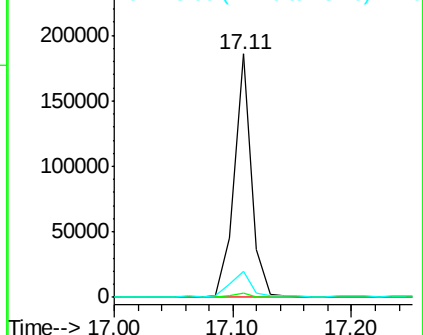
43 11.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 10.19 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.11 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

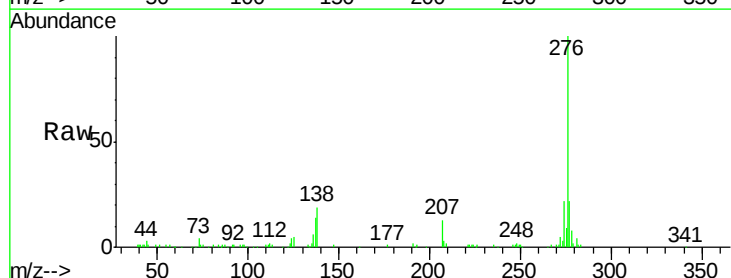
Tgt Ion:276 Resp: 211254

Ion Ratio Lower Upper

276 100

138 25.6 0.0 0.0#

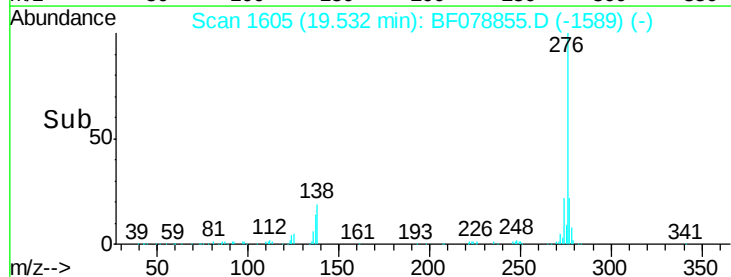
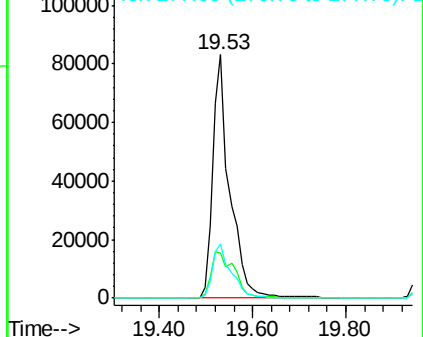
277 24.3 0.0 0.0#

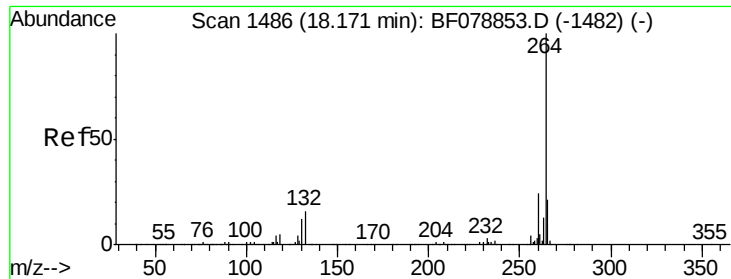


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

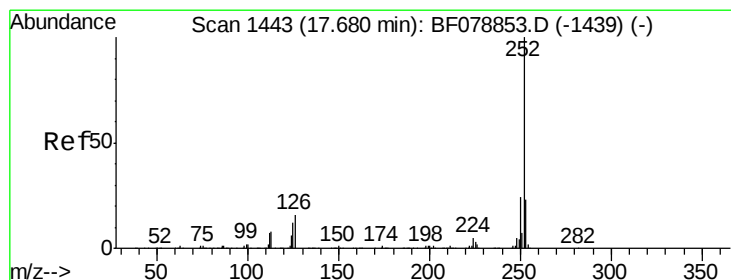
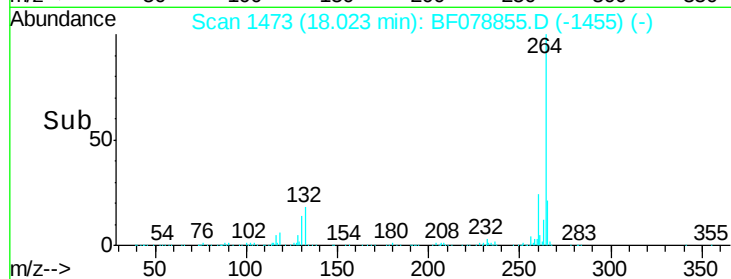
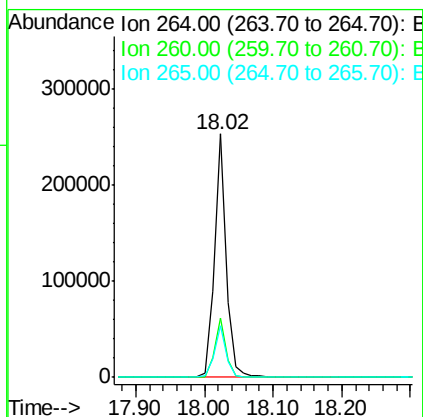
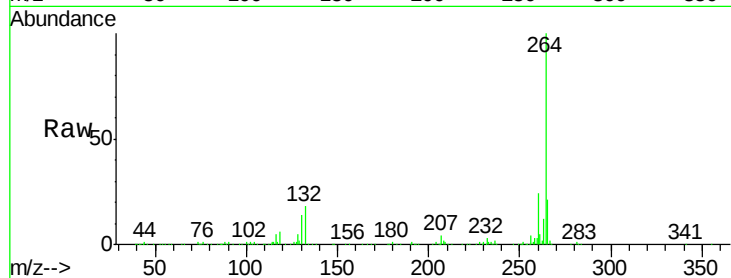




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1473
Delta R.T. -0.09 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

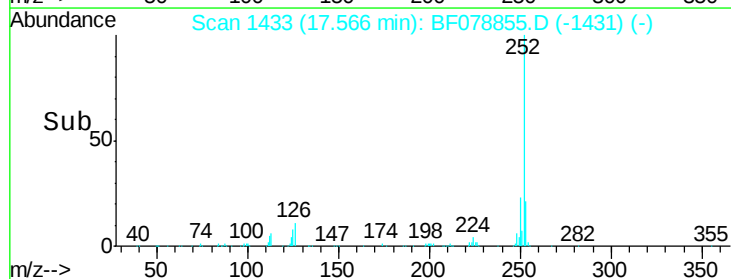
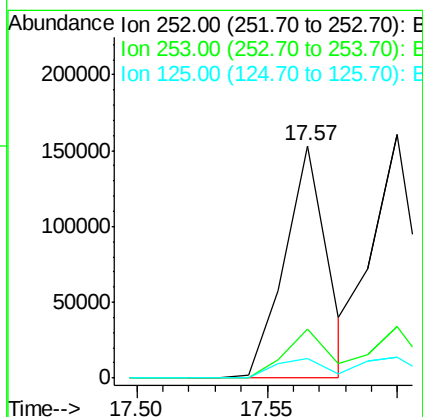
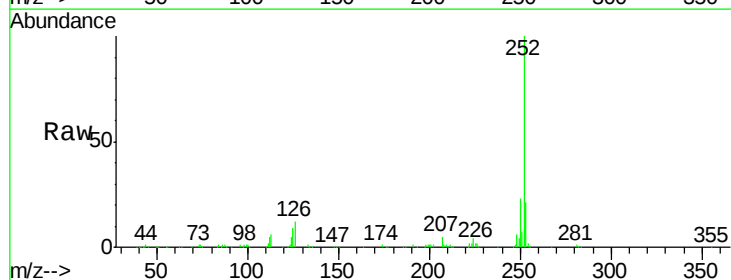
Instrument :
BNA_F
ClientSampleId :

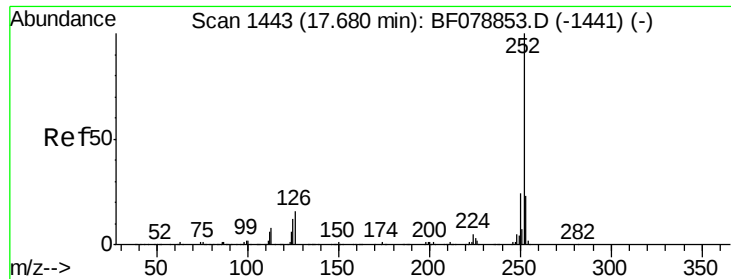
Tot Ion:264 Resp: 306914
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.1 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 10.50 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.08 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:252 Resp: 173466
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 8.6 9.5 14.3#

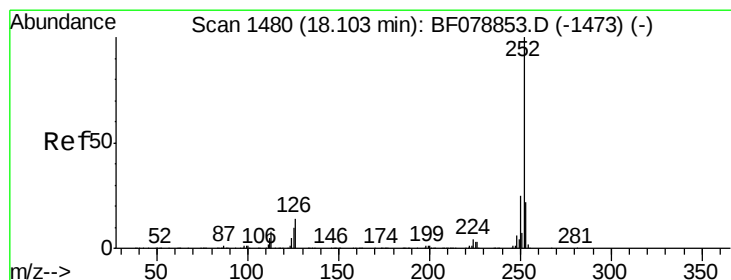
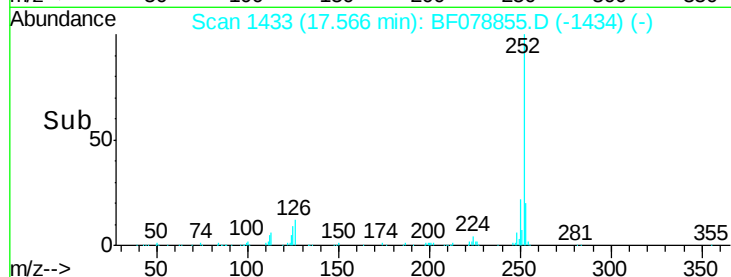
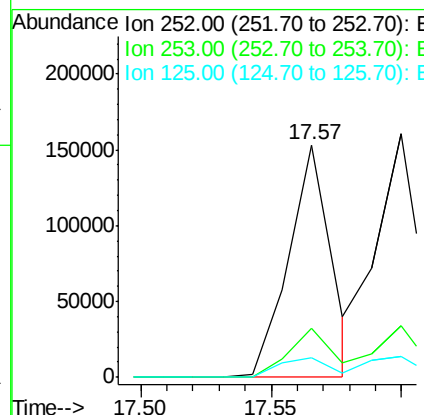
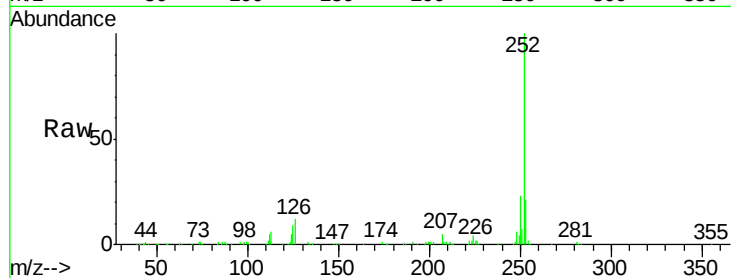




#88
Benzo(k)fluoranthene
Concen: 10.80 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.11 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

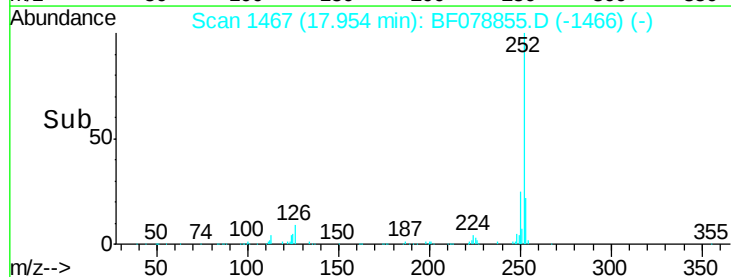
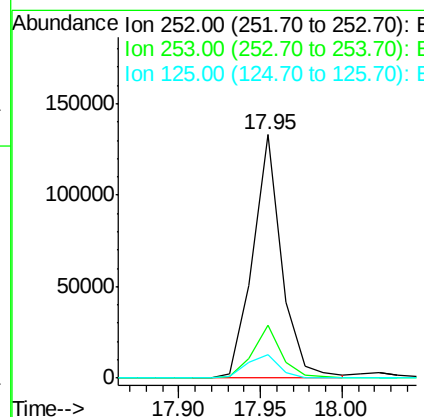
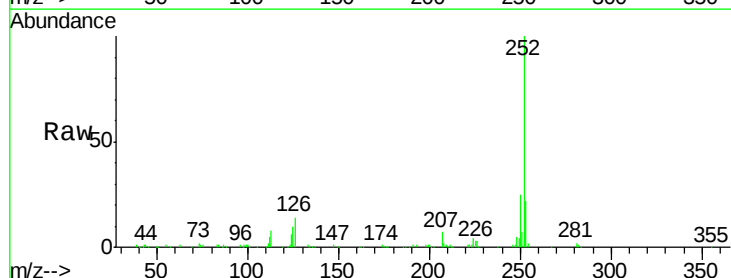
Instrument :
BNA_F
ClientSampleId :

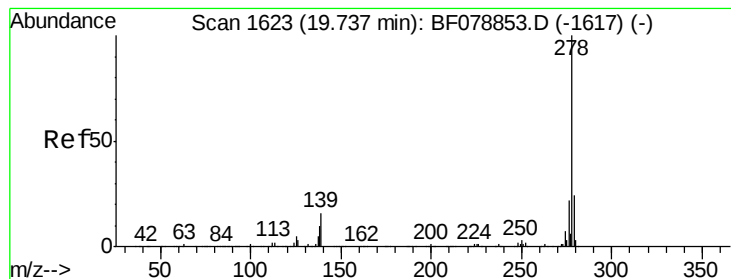
Tot Ion:252 Resp: 173466
Ion Ratio Lower Upper
252 100
253 20.9 18.1 27.1
125 8.6 10.0 15.0#



#89
Benzo(a)pyrene
Concen: 10.71 ng
RT: 17.95 min Scan# 1467
Delta R.T. -0.09 min
Lab File: BF078855.D
Acq: 30 Apr 2015 17:58

Tgt Ion:252 Resp: 163928
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.7 7.0 10.6





#90

Dibenzo(a,h)anthracene

Concen: 10.26 ng

RT: 19.57 min Scan# 1608

Delta R.T. -0.11 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

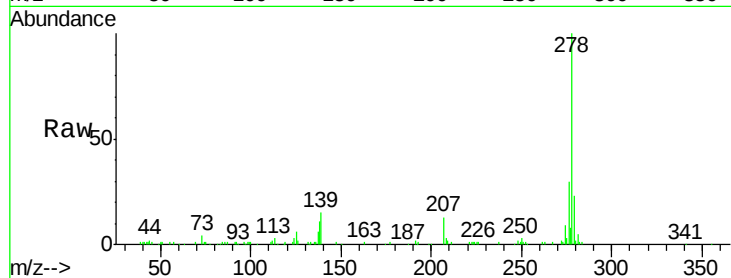
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 169130

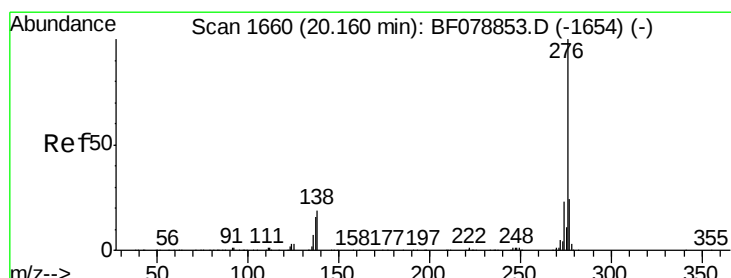
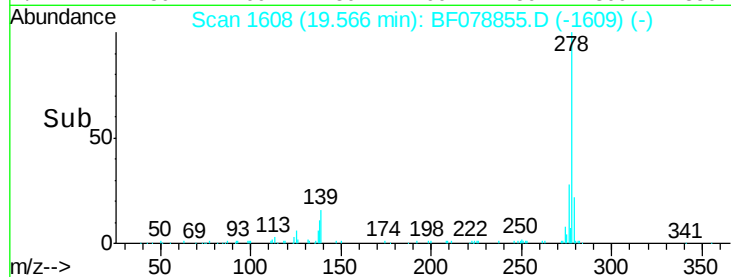
Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.8	19.2
279	23.3	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.54 ng

RT: 19.98 min Scan# 1644

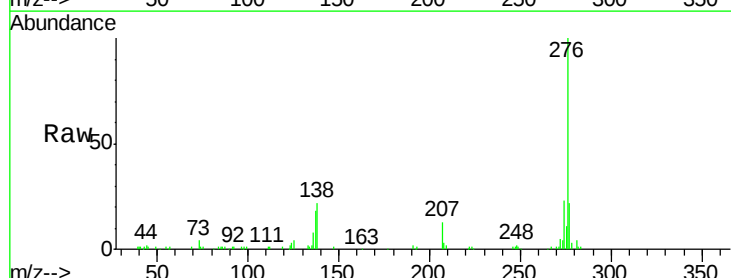
Delta R.T. -0.13 min

Lab File: BF078855.D

Acq: 30 Apr 2015 17:58

Tgt Ion:276 Resp: 172341

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	21.5	17.4	26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

