

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099835.D
 Acq On : 26 Oct 2017 2:26
 Operator : SJ/JU
 Sample : PB103631BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:07:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	67097	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	269603	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	122378	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	218355	20.00	ng	0.00
75) Chrysene-d12	13.99	240	169055	20.00	ng	0.00
86) Perylene-d12	15.46	264	150355	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	273723	64.05	ng	0.00
7) Phenol-d6	6.44	99	321255	63.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	258905	61.83	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	70384	63.11	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	561389	70.78	ng	0.00
78) Terphenyl-d14	12.92	244	530389	68.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	51573	27.327	ng	91
3) Pyridine	3.31	79	118038	26.008	ng	90
4) n-Nitrosodimethylamine	3.24	42	45336	27.961	ng	# 72
6) Aniline	6.46	93	84607	12.877	ng	# 82
8) 2-Chlorophenol	6.58	128	148663	32.638	ng	94
9) Benzaldehyde	6.35	77	74867	24.724	ng	93
10) Phenol	6.45	94	176121	31.655	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	134631	31.335	ng	96
12) 1,3-Dichlorobenzene	6.81	146	161632	31.603	ng	96
13) 1,4-Dichlorobenzene	6.81	146	161632	31.139	ng	97
14) 1,2-Dichlorobenzene	6.96	146	152271	32.188	ng	97
15) Benzyl Alcohol	6.95	79	104694	32.486	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	170335	35.689	ng	# 35
17) 2-Methylphenol	7.06	107	117160	30.750	ng	97
18) Hexachloroethane	7.30	117	49152	28.383	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	92846	31.265	ng	92
20) 3+4-Methylphenols	7.22	107	153739	34.654	ng	# 86
22) Acetophenone	7.21	105	195339	31.821	ng	95
24) Nitrobenzene	7.38	77	137088	32.490	ng	94
25) Isophorone	7.62	82	253912	33.415	ng	98
26) 2-Nitrophenol	7.70	139	76991	31.858	ng	# 86
27) 2,4-Dimethylphenol	7.73	122	128255	36.019	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	170305	32.002	ng	100
29) 2,4-Dichlorophenol	7.95	162	121958	32.970	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	125647	31.791	ng	97
31) Naphthalene	8.10	128	417718	32.098	ng	99
32) Benzoic acid	7.87	122	46123	14.716	ng	90
33) 4-Chloroaniline	8.16	127	79071	14.714	ng	# 93
34) Hexachlorobutadiene	8.21	225	62897	30.939	ng	98
35) Caprolactam	8.53	113	37493	32.231	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	121596	32.207	ng	90
37) 2-Methylnaphthalene	8.79	142	288872	33.123	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	117433	29.711	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	4464	16.563	ng	93

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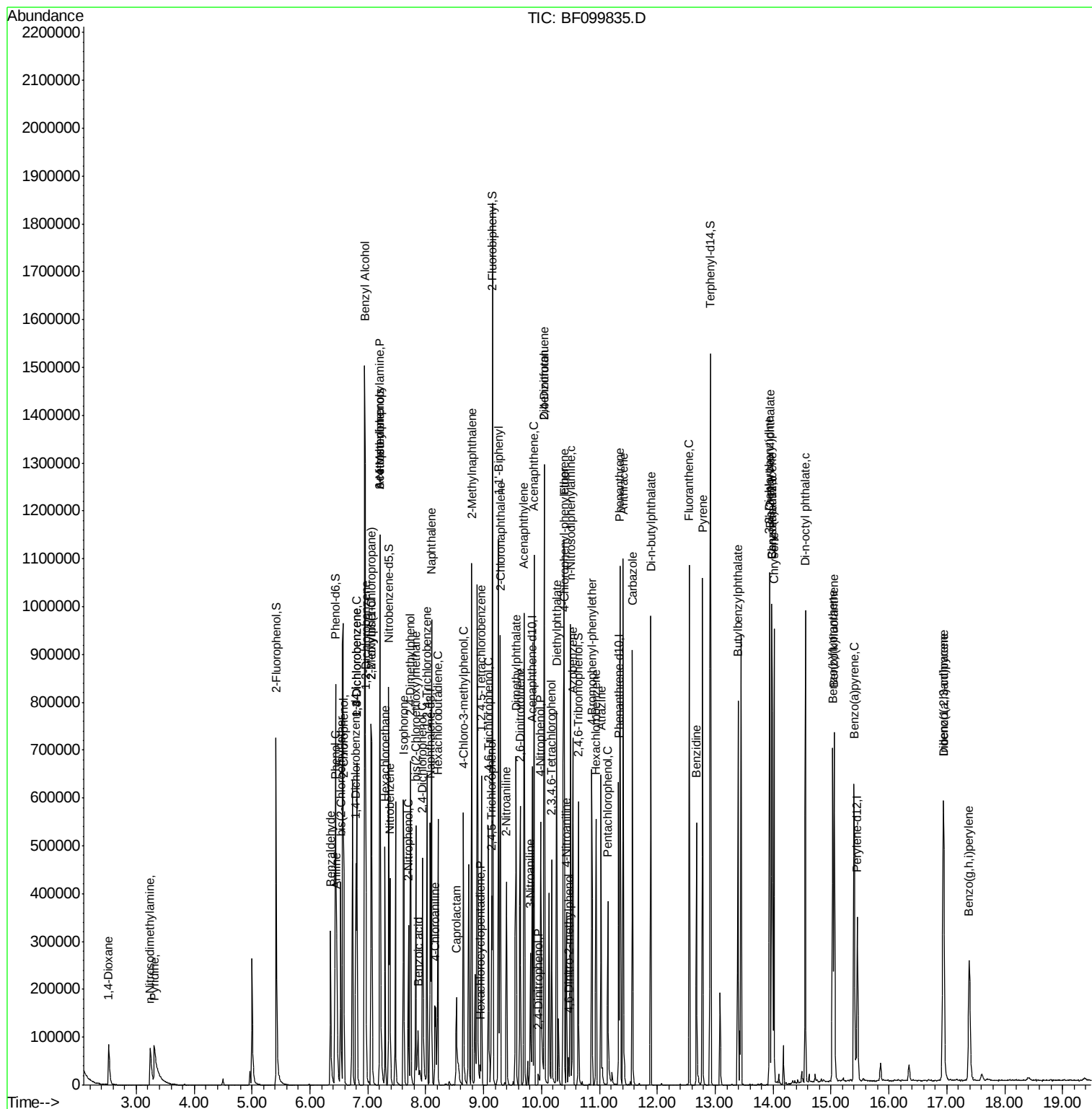
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	79670	33.324	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	80960	31.911	ng	# 93
45) 1,1'-Biphenyl	9.26	154	341035	30.805	ng	98
46) 2-Chloronaphthalene	9.29	162	262727	32.677	ng	96
47) 2-Nitroaniline	9.39	65	67805	32.132	ng	90
48) Acenaphthylene	9.70	152	395469	31.936	ng	98
49) Dimethylphthalate	9.56	163	303020	31.267	ng	100
50) 2,6-Dinitrotoluene	9.63	165	66526	32.653	ng	87
51) Acenaphthene	9.87	154	235996	31.190	ng	98
52) 3-Nitroaniline	9.81	138	53389	22.240	ng	89
53) 2,4-Dinitrophenol	9.95	184	7016	13.855	ng	# 83
54) Dibenzofuran	10.05	168	354279	33.170	ng	99
55) 4-Nitrophenol	9.99	139	76097	60.669	ng	78
56) 2,4-Dinitrotoluene	10.05	165	82796	33.745	ng	87
57) Fluorene	10.39	166	286165	32.360	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	60890	34.230	ng	# 92
59) Diethylphthalate	10.26	149	295163	31.188	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	131355	31.561	ng	90
61) 4-Nitroaniline	10.43	138	64723	28.259	ng	85
62) Azobenzene	10.54	77	252864	31.873	ng	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	10467	7.626	ng	# 75
65) n-Nitrosodiphenylamine	10.50	169	252982	31.386	ng	98
66) 4-Bromophenyl-phenylether	10.87	248	75038	32.643	ng	93
67) Hexachlorobenzene	10.95	284	74858	31.831	ng	# 87
68) Atrazine	11.03	200	80249	33.144	ng	98
69) Pentachlorophenol	11.15	266	52340	52.085	ng	97
70) Phenanthrene	11.36	178	403980	32.783	ng	98
71) Anthracene	11.41	178	418946	33.493	ng	99
72) Carbazole	11.57	167	390090	33.164	ng	99
73) Di-n-butylphthalate	11.89	149	481367	32.085	ng	98
74) Fluoranthene	12.55	202	417597	32.609	ng	98
76) Benzidine	12.67	184	224483	30.346	ng	98
77) Pyrene	12.78	202	423928	32.978	ng	99
79) Butylbenzylphthalate	13.39	149	198433	31.347	ng	87
80) Benzo(a)anthracene	13.97	228	345666	32.254	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	109141	28.055	ng	98
82) Chrysene	14.02	228	326603	32.416	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	282277	31.754	ng	98
84) Di-n-octyl phthalate	14.56	149	479741	31.443	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	260407	28.154	ng	96
87) Benzo(b)fluoranthene	15.03	252	328414	34.591	ng	98
88) Benzo(k)fluoranthene	15.06	252	286969	32.054	ng	99
89) Benzo(a)pyrene	15.40	252	290477	34.060	ng	97
90) Dibenzo(a,h)anthracene	16.94	278	225358	29.738	ng	99
91) Benzo(g,h,i)perylene	17.39	276	204585	27.594	ng	99

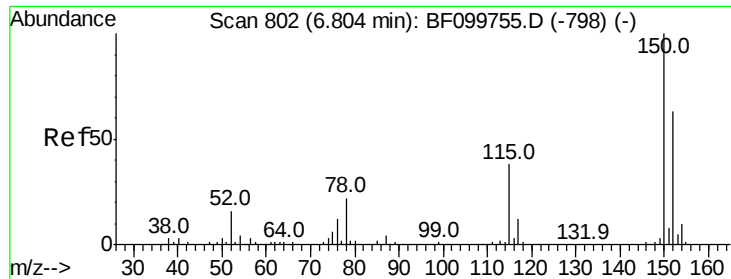
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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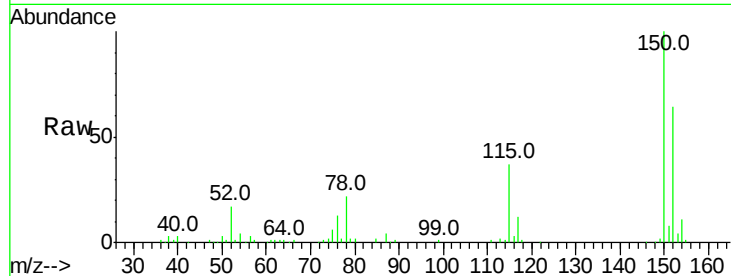


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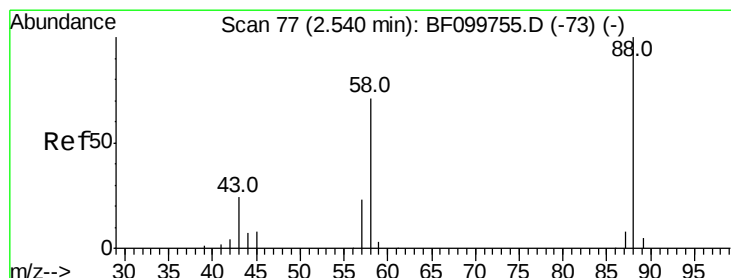
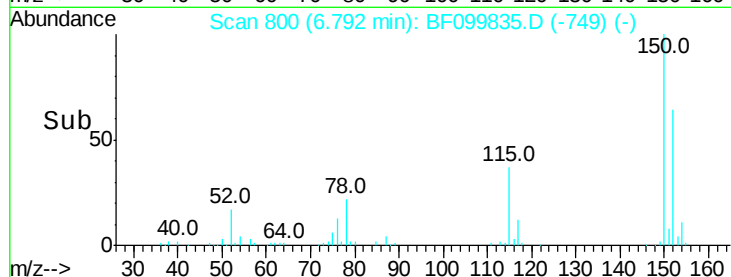
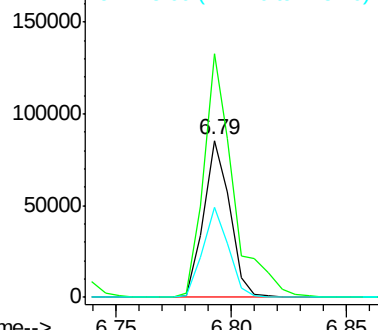
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67097
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 57.5 50.1 75.1



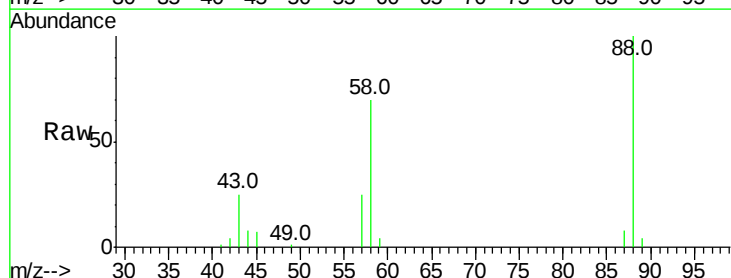
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



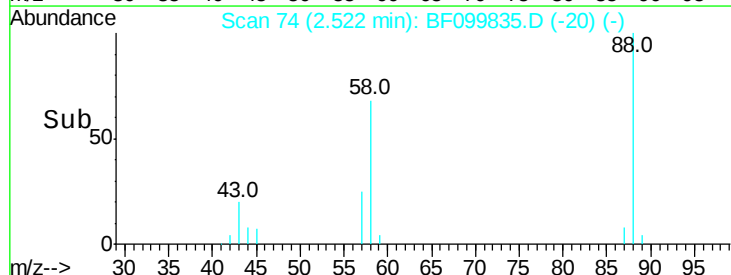
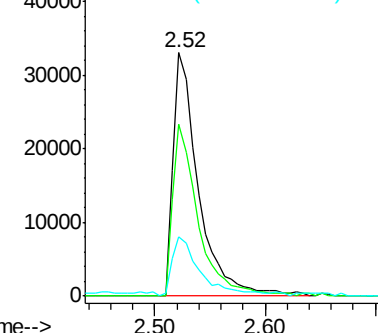
#2

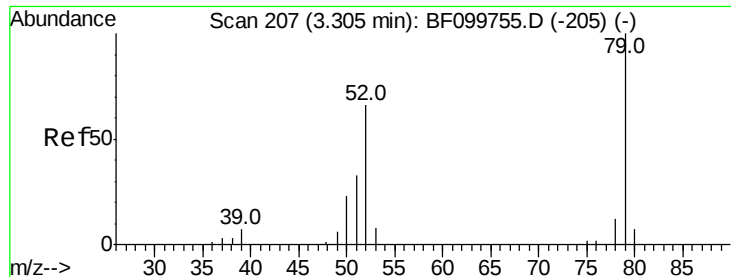
1,4-Dioxane
Concen: 27.327 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion: 88 Resp: 51573
Ion Ratio Lower Upper
88 100
58 70.6 62.6 93.8
43 26.2 24.6 37.0



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

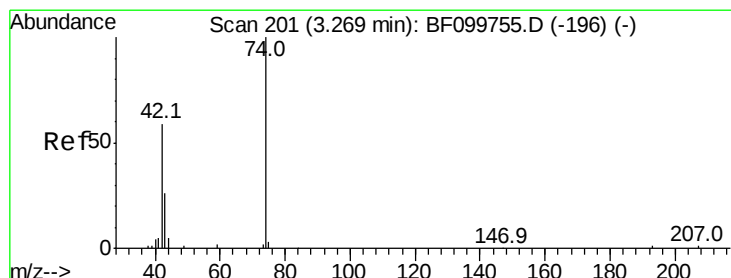
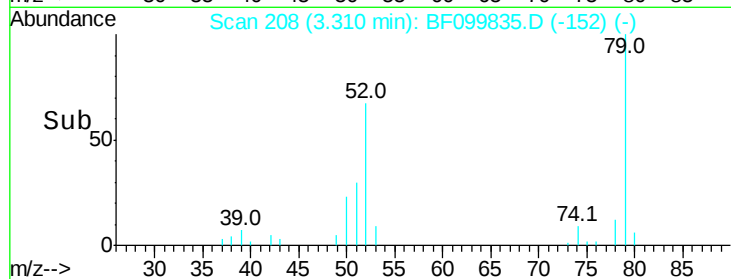
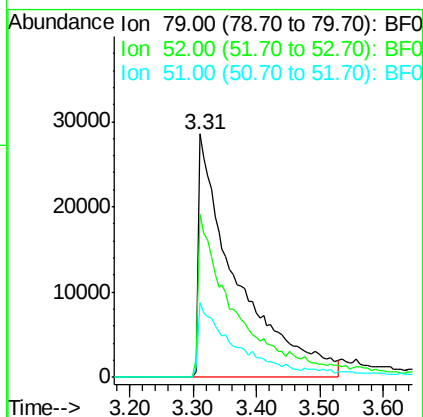
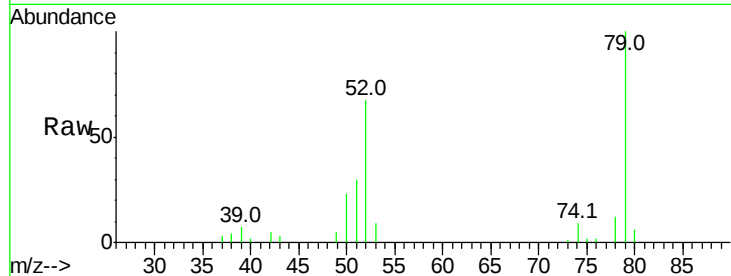




#3
 Pvridine
 Concen: 26.008 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.03 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

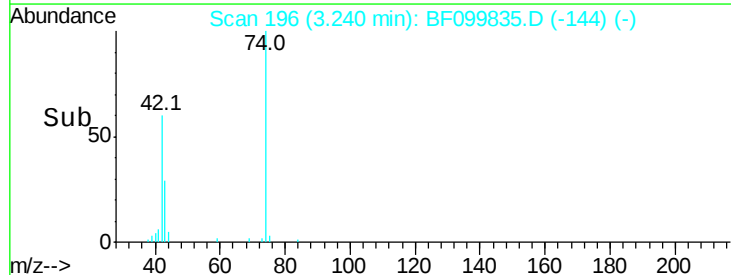
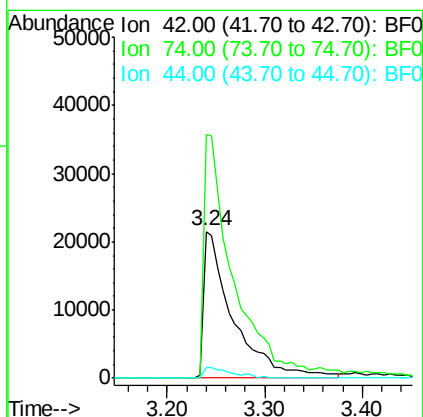
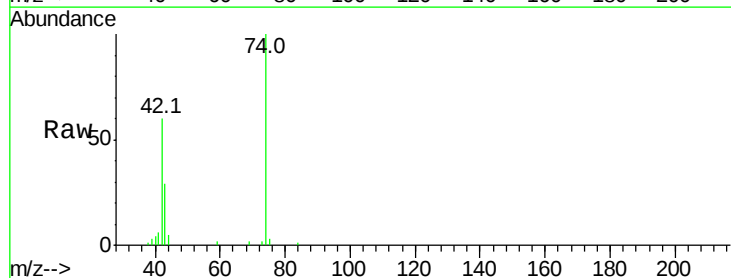
Instrument :
 BNA_F
 ClientSampled :

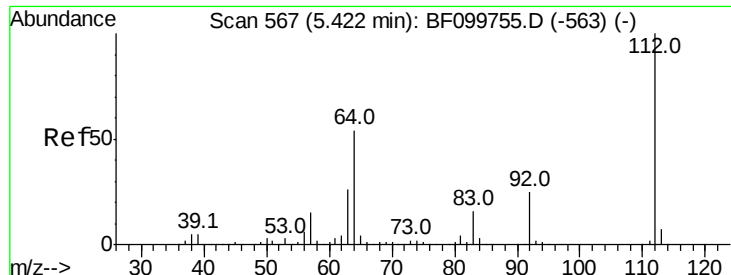
Tot Ion: 79 Resp: 118038
 Ion Ratio Lower Upper
 79 100
 52 67.1 59.8 89.6
 51 30.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 27.961 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion: 42 Resp: 45336
 Ion Ratio Lower Upper
 42 100
 74 165.9 104.9 157.3#
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 64.047 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

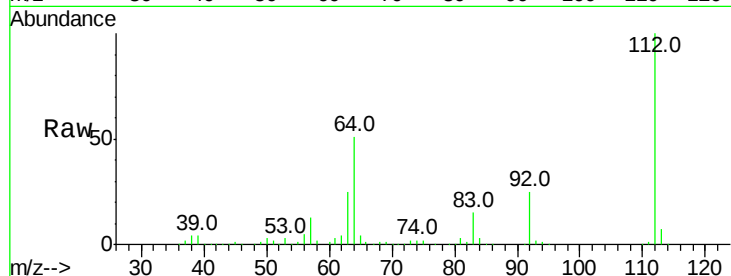
Tot Ion:112 Resp: 273723

Ion Ratio Lower Upper

112 100

64 50.8 47.9 71.9

63 25.0 23.7 35.5

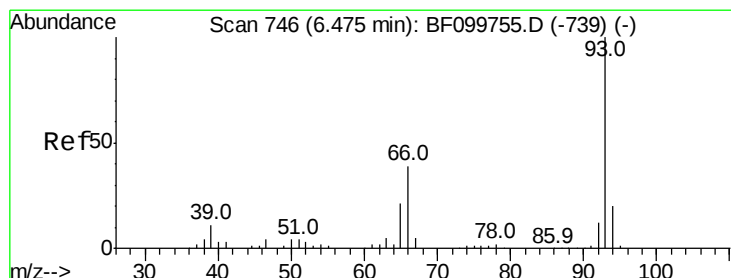
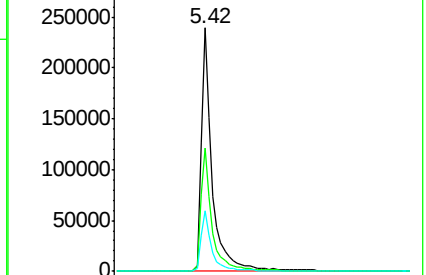
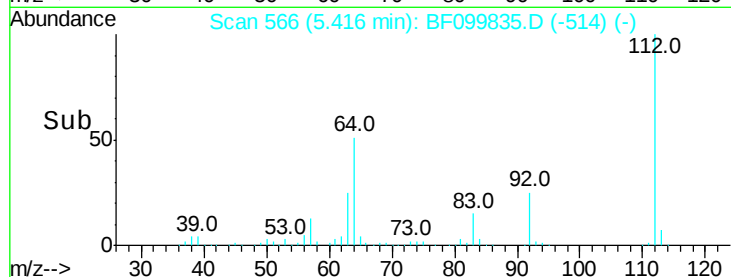


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 12.877 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

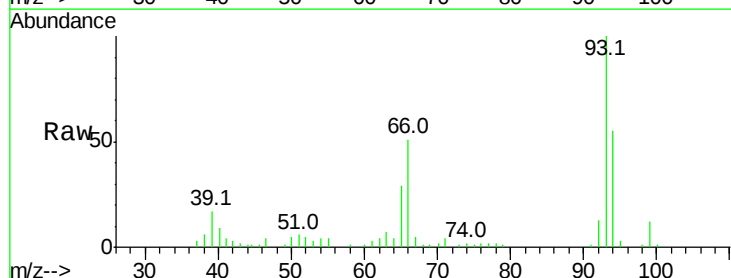
Tgt Ion: 93 Resp: 84607

Ion Ratio Lower Upper

93 100

66 51.0 32.2 48.2#

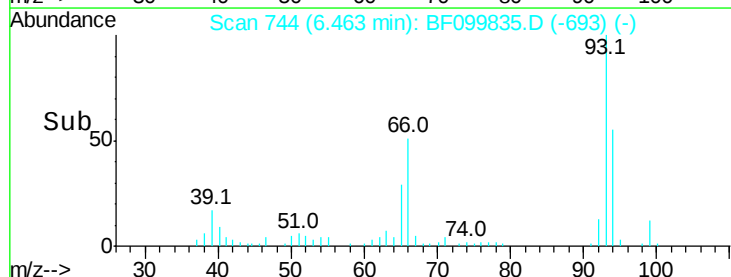
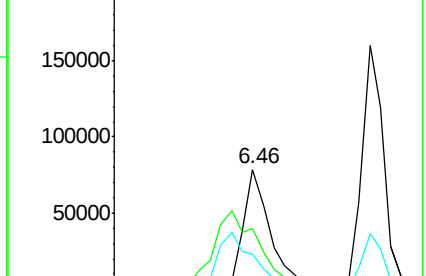
65 28.7 16.4 24.6#

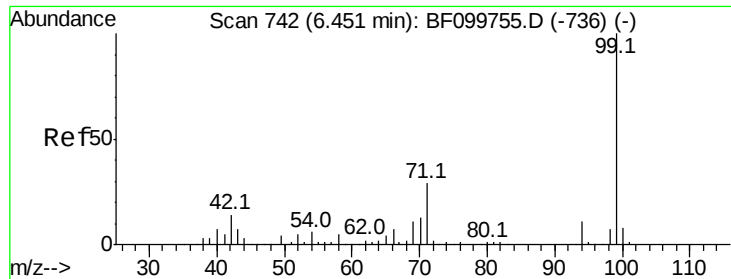


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 63.395 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

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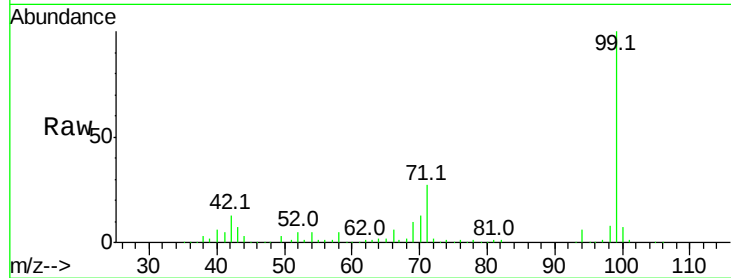
Tot Ion: 99 Resp: 321255

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

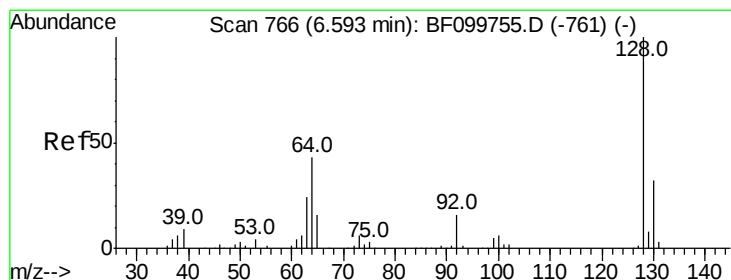
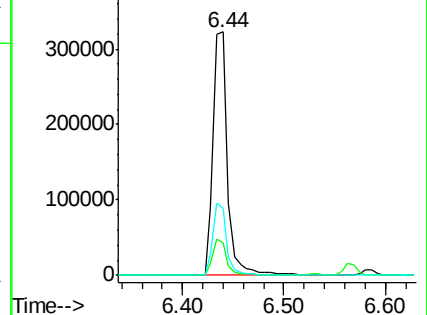
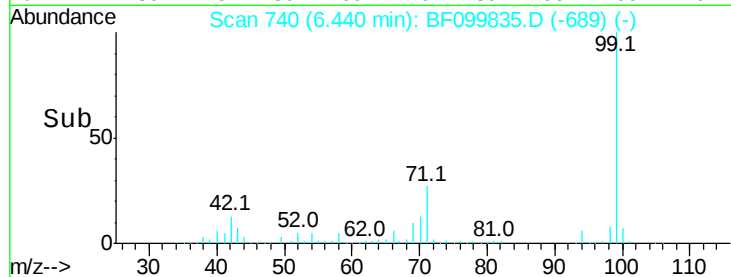
71 27.3 25.4 38.0



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: 32.638 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

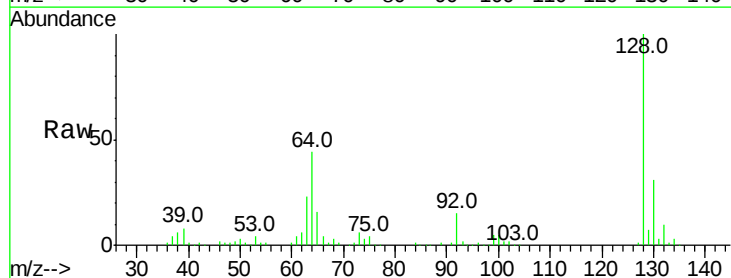
Tgt Ion: 128 Resp: 148663

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

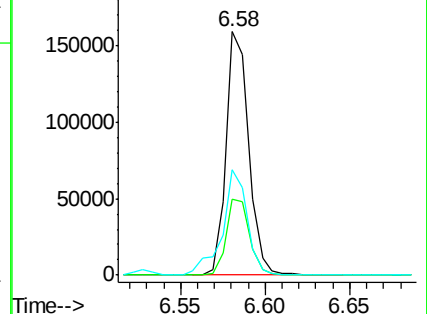
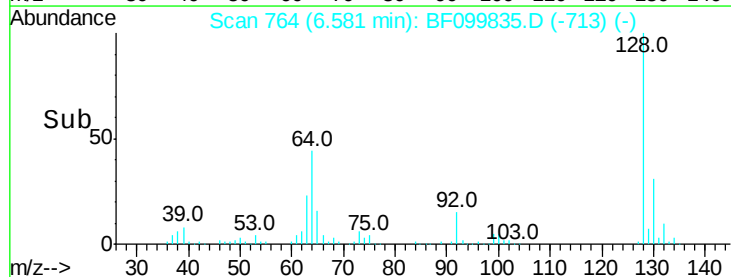
64 43.5 29.4 69.4

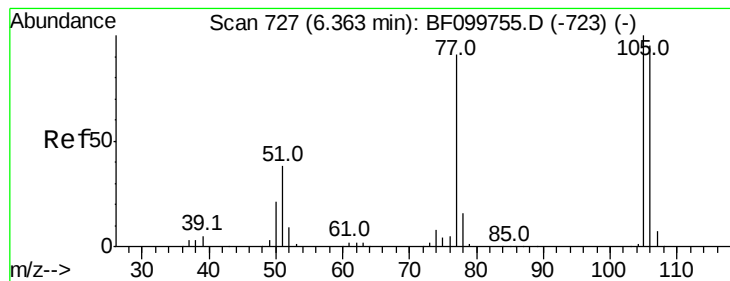


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.724 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

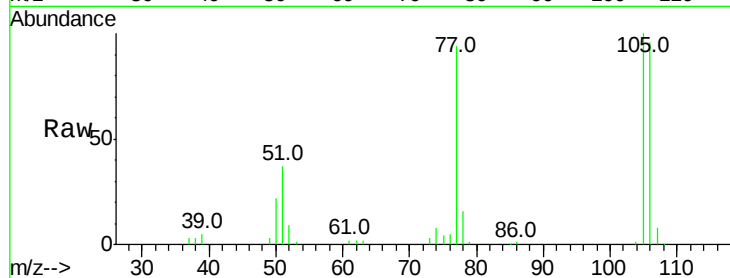
Tot Ion: 77 Resp: 74867

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

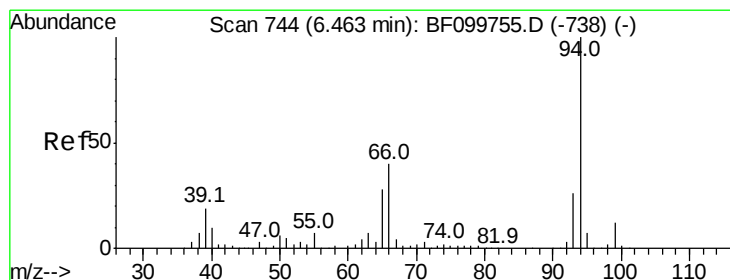
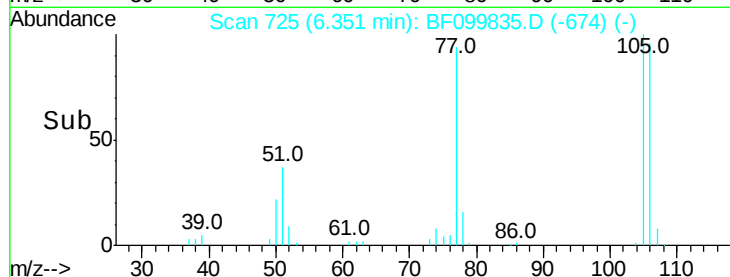
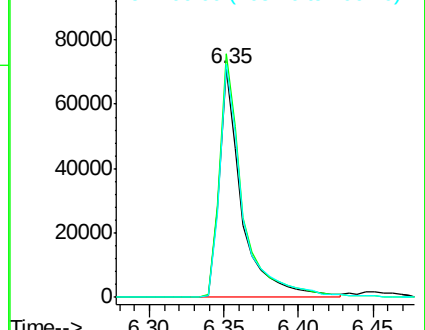
106 102.3 74.5 114.5



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: 31.655 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

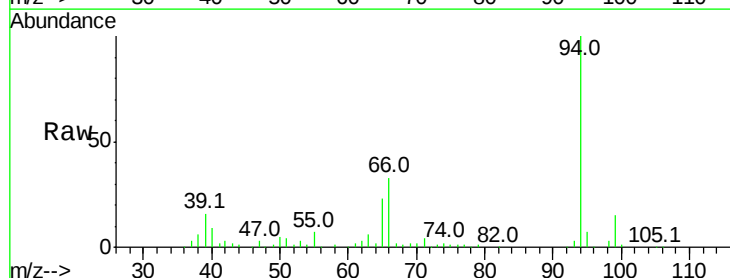
Tgt Ion: 94 Resp: 176121

Ion Ratio Lower Upper

94 100

65 23.4 7.9 47.9

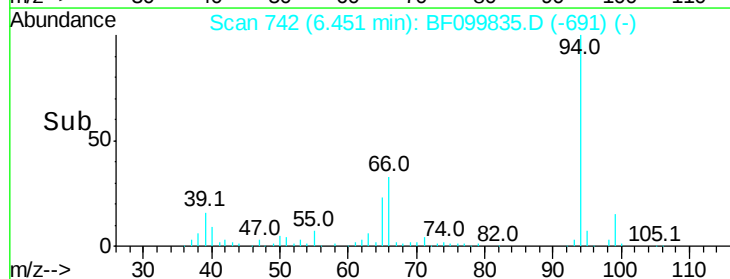
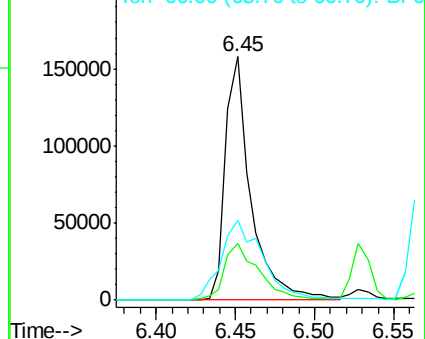
66 32.6 16.2 56.2

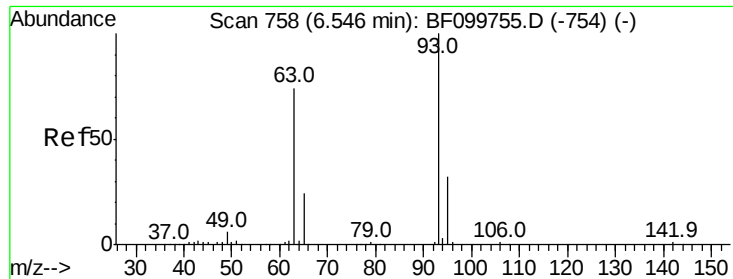


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

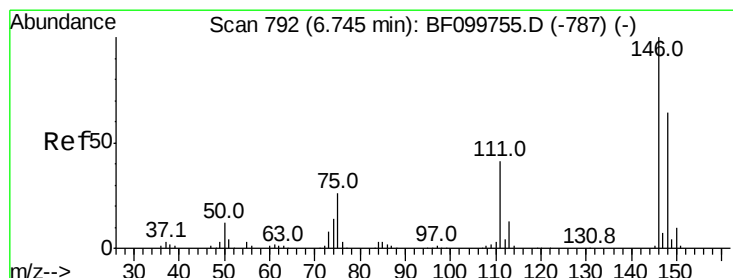
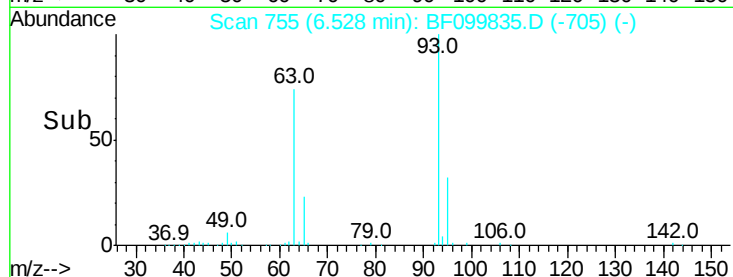
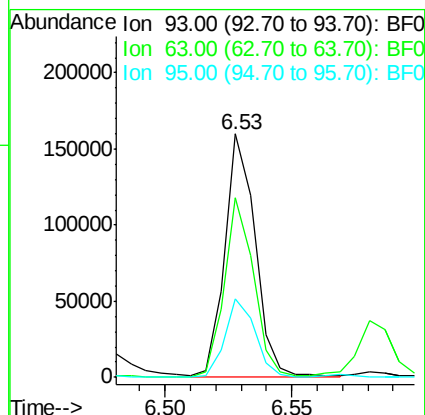
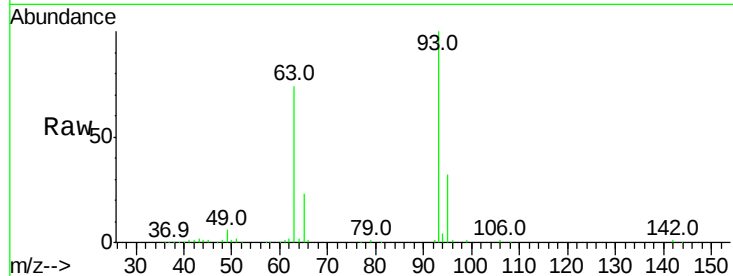




#11
bis(2-Chloroethyl)ether
Concen: 31.335 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

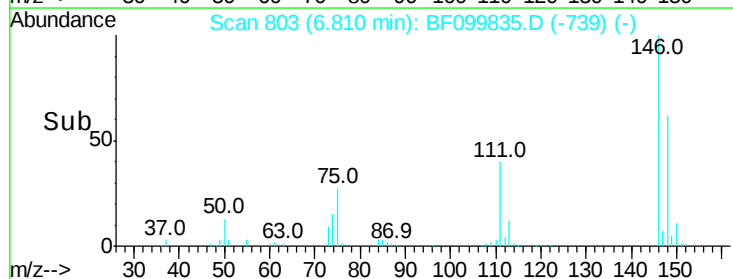
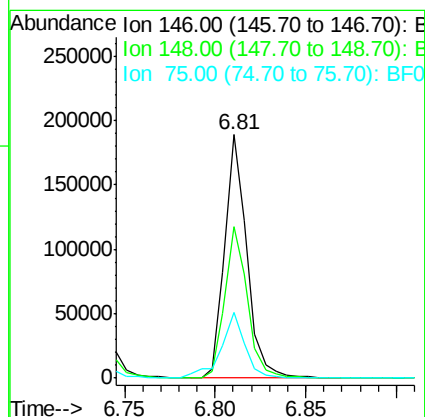
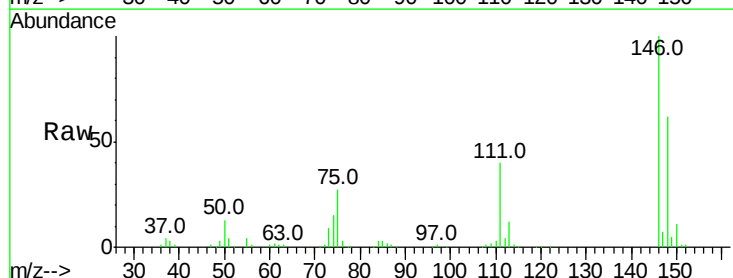
Instrument :
BNA_F
ClientSampleId :

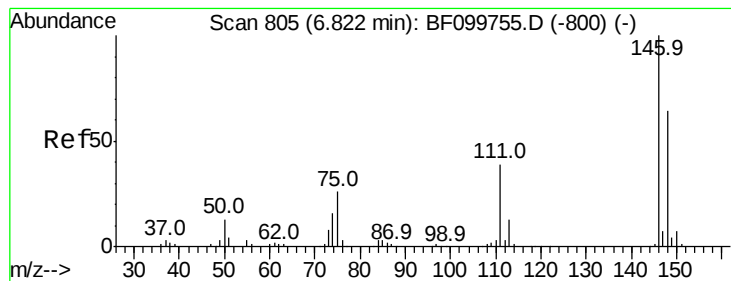
Tot Ion: 93 Resp: 134631
Ion Ratio Lower Upper
93 100
63 73.9 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.603 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.08 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion: 146 Resp: 161632
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.8
75 27.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.139 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

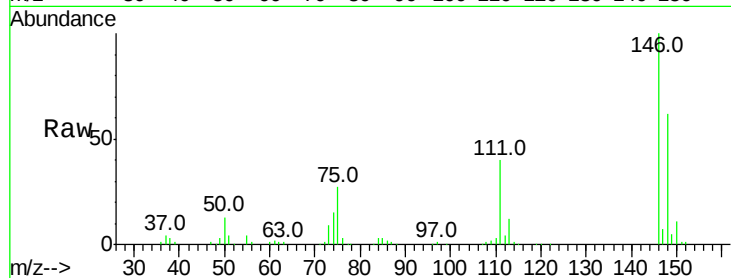
Tot Ion:146 Resp: 161632

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

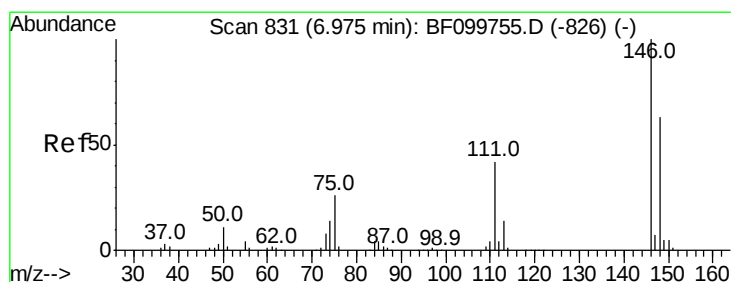
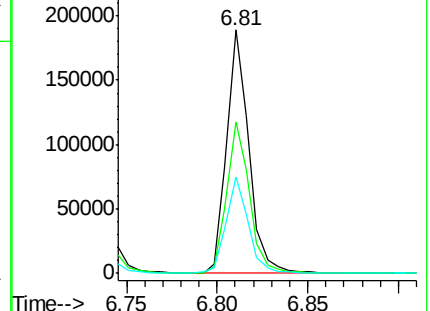
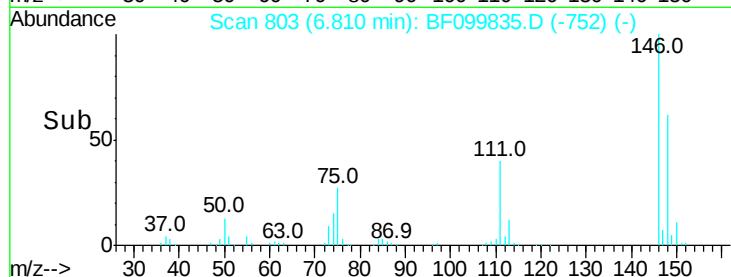
111 39.6 34.2 51.2



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: 32.188 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

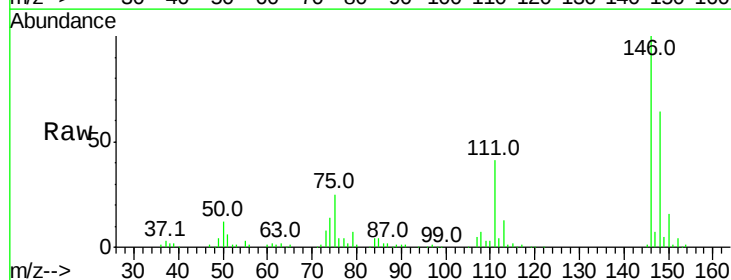
Tgt Ion:146 Resp: 152271

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

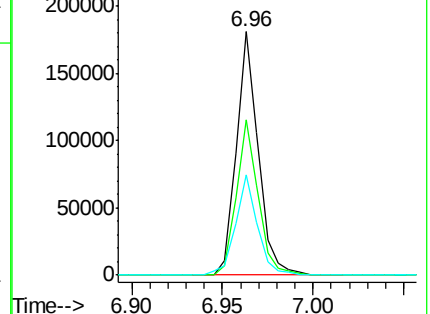
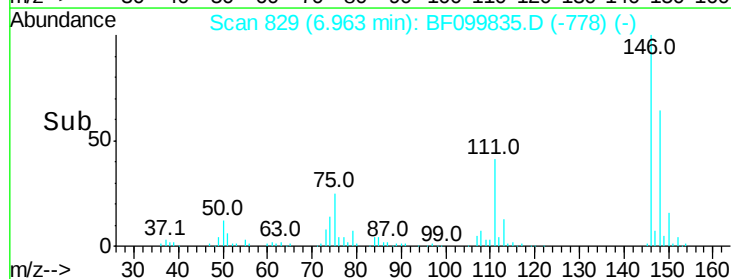
111 41.3 36.0 54.0

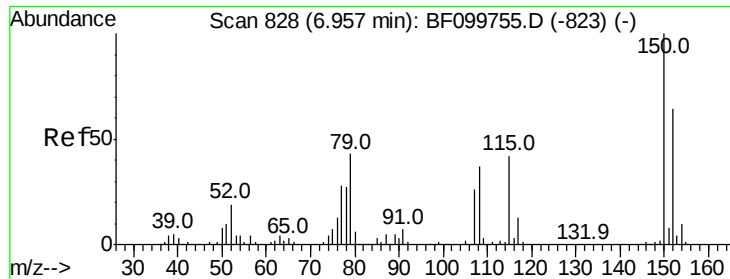


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

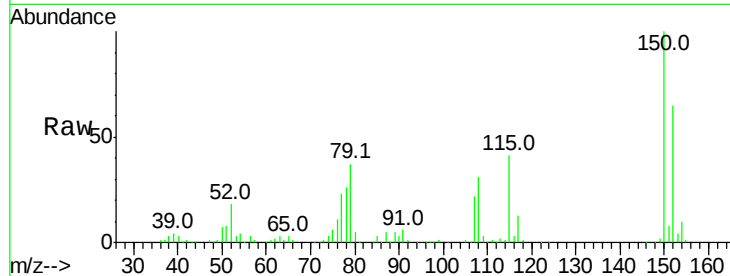




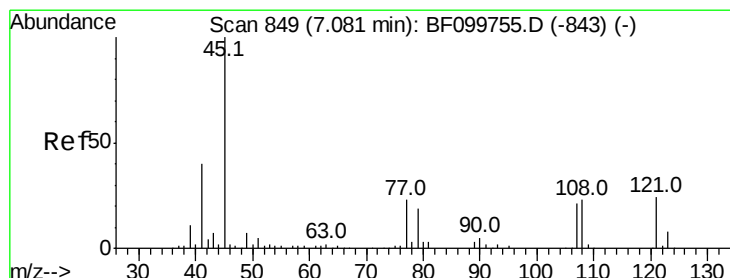
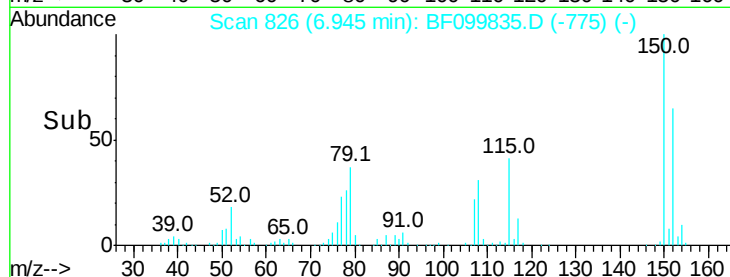
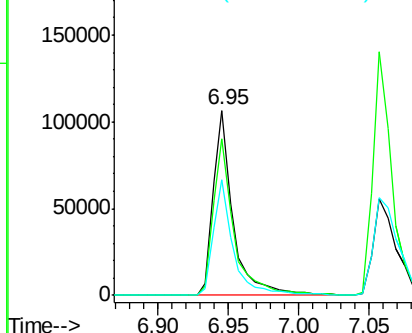
#15
Benzyl Alcohol
Concen: 32.486 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 104694
Ion Ratio Lower Upper
79 100
108 84.3 65.1 97.7
77 62.2 50.6 75.8

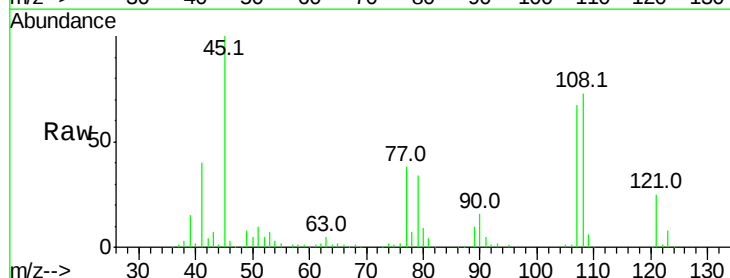


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

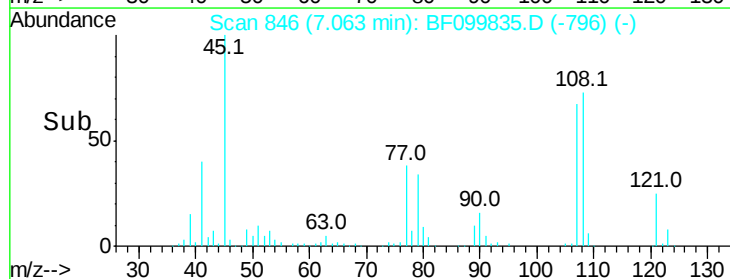
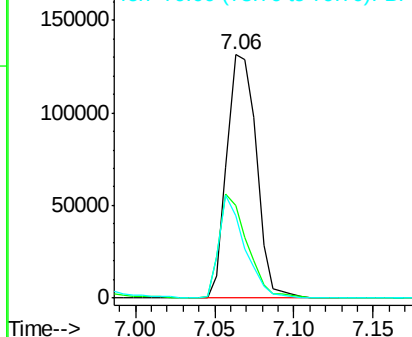


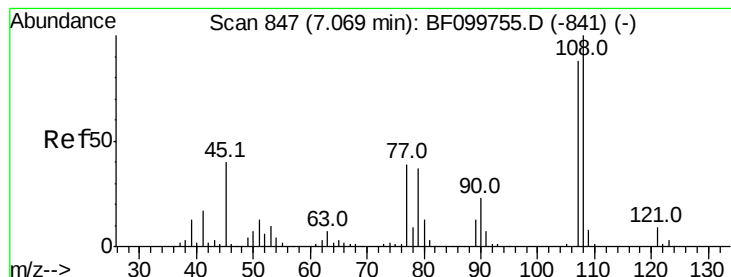
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.689 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion: 45 Resp: 170335
Ion Ratio Lower Upper
45 100
77 38.2 0.0 32.9#
79 34.1 0.0 29.6#



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: 30.750 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 117160

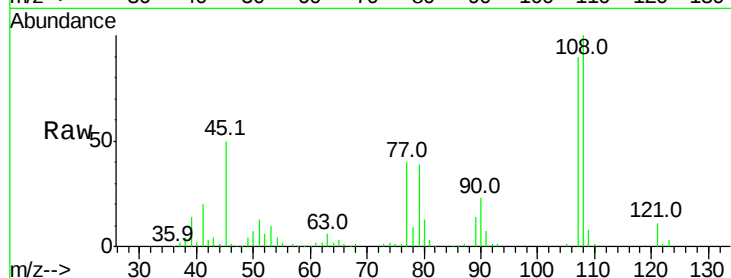
Ion Ratio Lower Upper

107 100

108 111.2 91.7 137.5

77 44.5 33.8 50.8

79 43.9 33.8 50.8

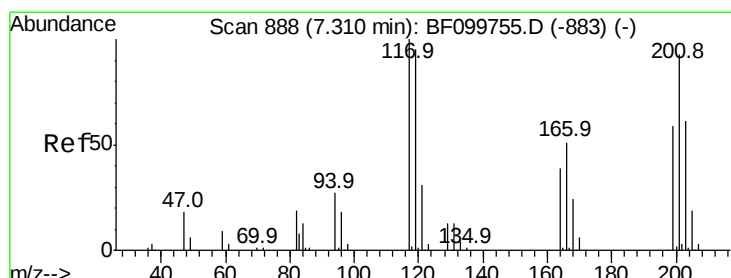
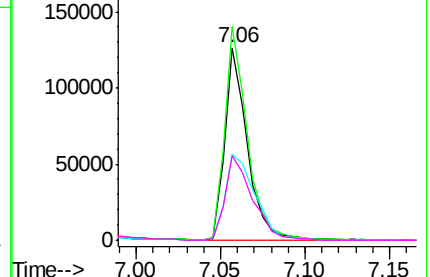
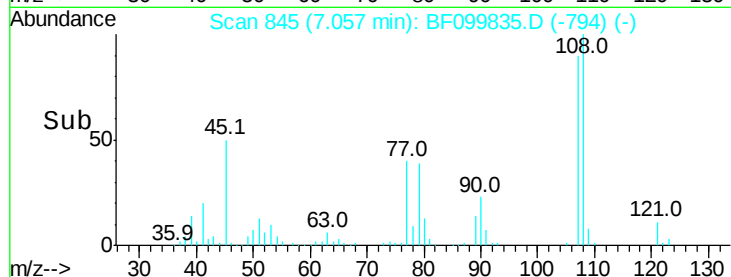


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.383 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

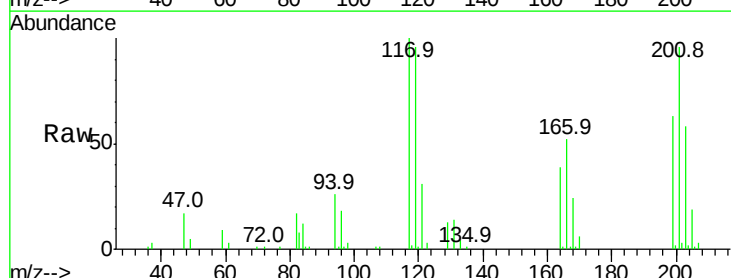
Tgt Ion:117 Resp: 49152

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

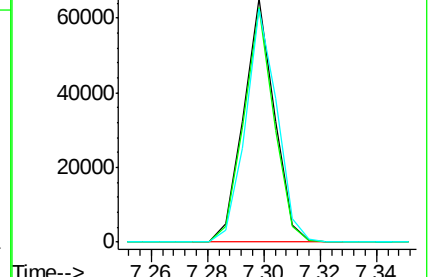
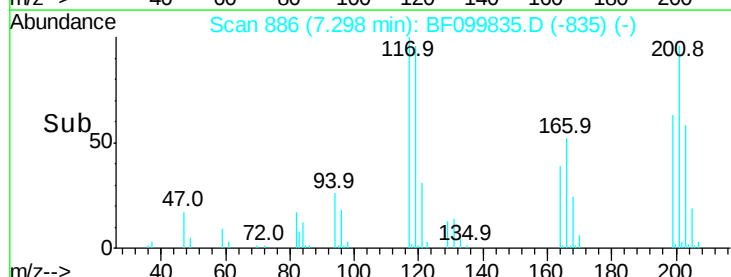
201 95.8 75.7 113.5

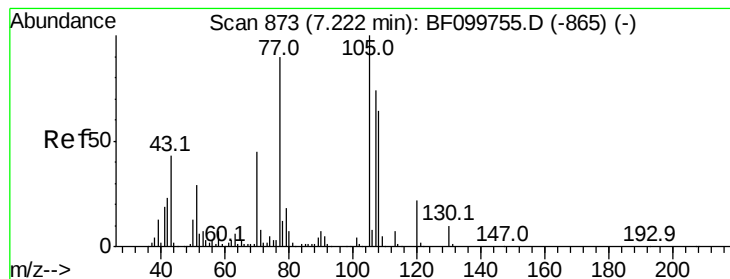


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.265 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 92846

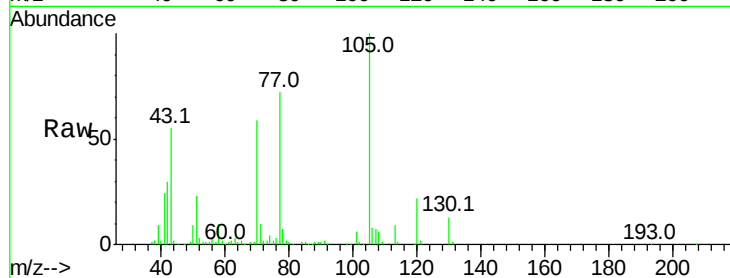
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 9.5 7.4 11.2

130 21.3 16.6 25.0

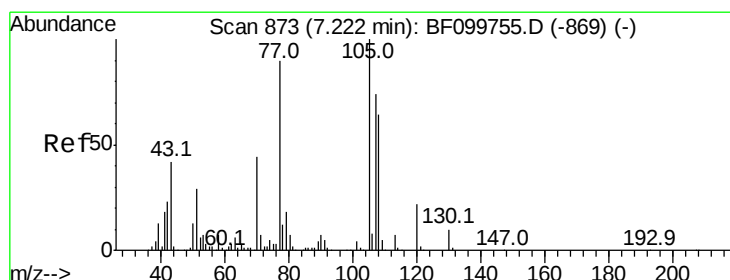
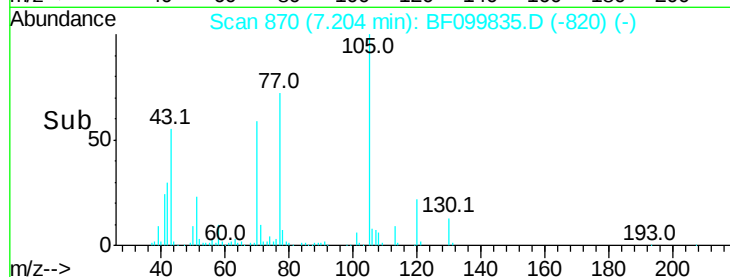
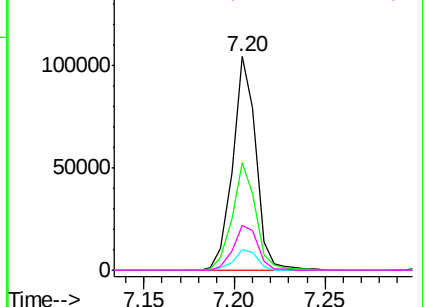


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 34.654 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Tgt Ion: 107 Resp: 153739

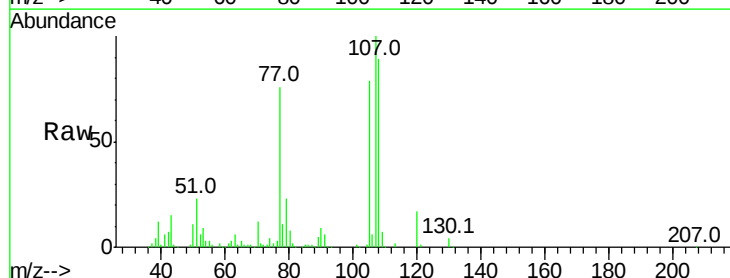
Ion Ratio Lower Upper

107 100

108 88.6 68.2 108.2

77 75.8 26.7 66.7#

79 23.5 6.3 46.3

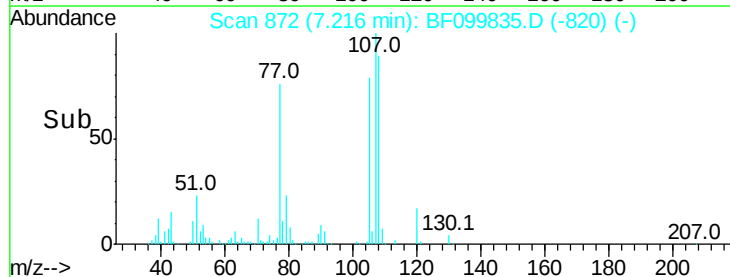
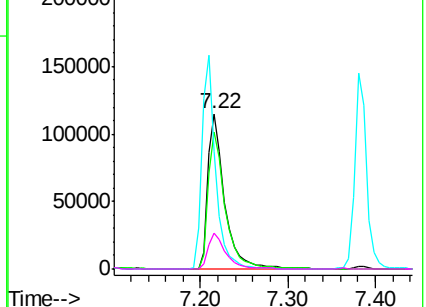


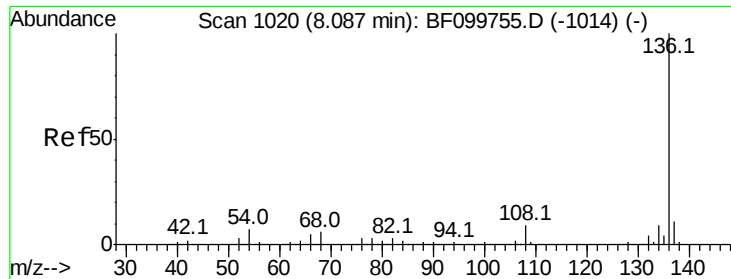
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

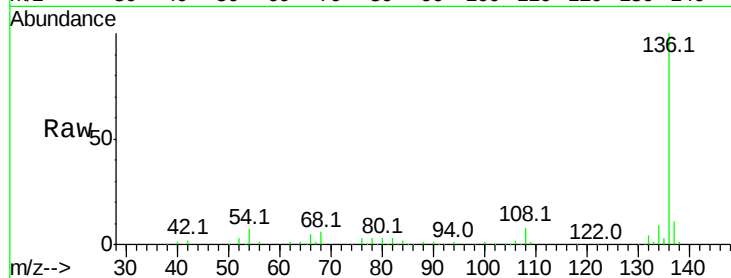




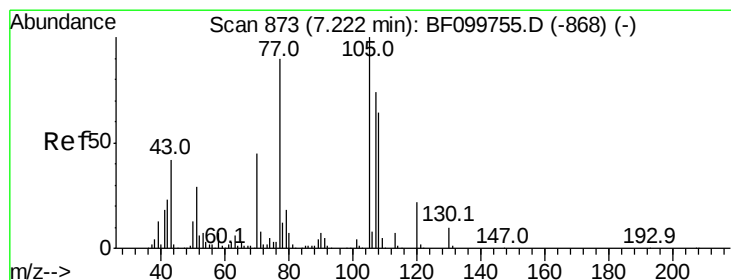
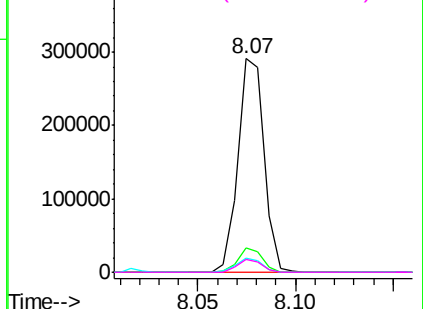
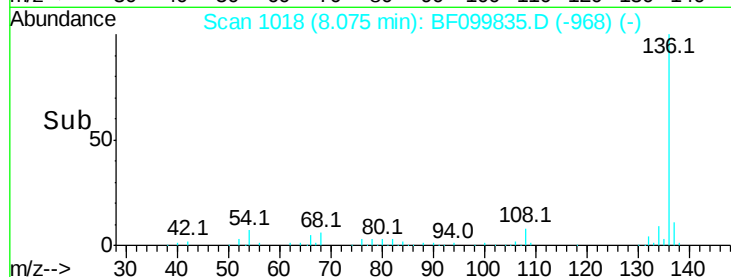
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	269603
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

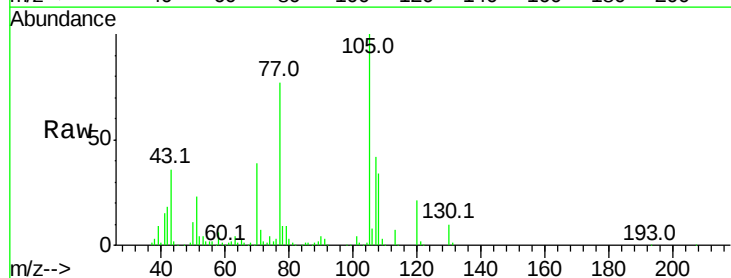


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

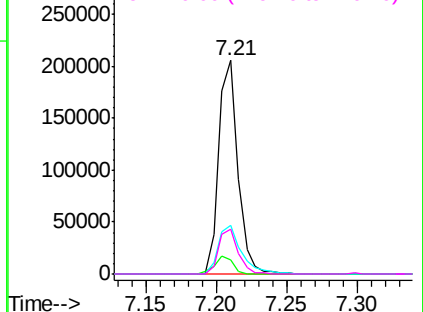
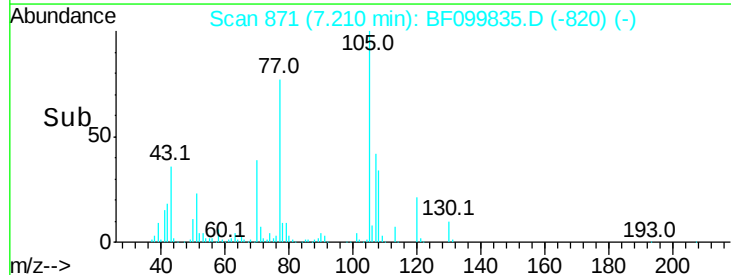


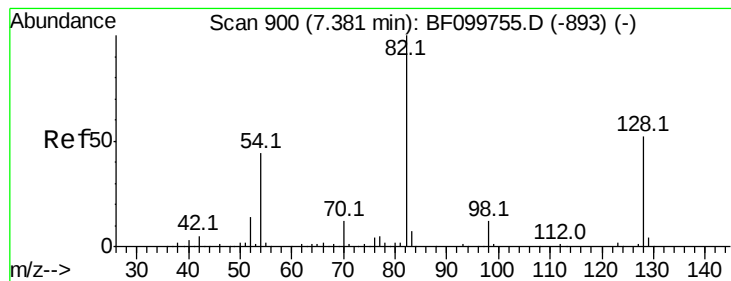
#22
Acetophenone
Concen: 31.821 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:	105	Resp:	195339
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.4	6.6
51	23.0	22.3	33.5
120	21.0	16.9	25.3



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





#23

Nitrobenzene-d5

Concen: 61.826 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099835.D

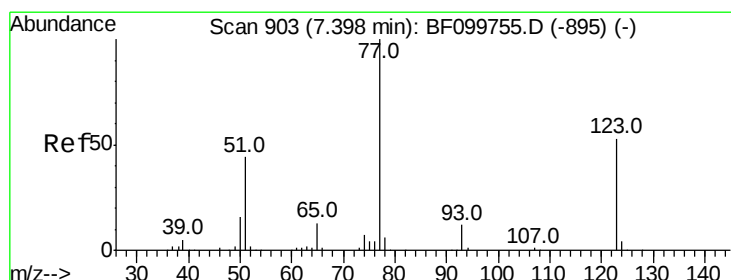
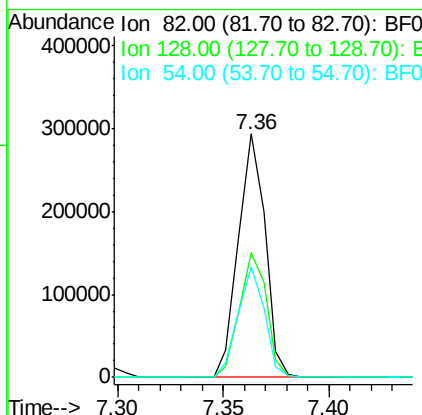
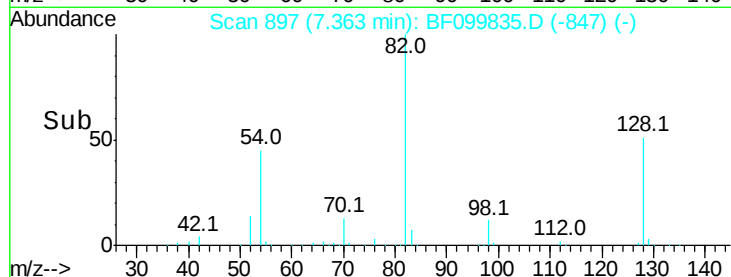
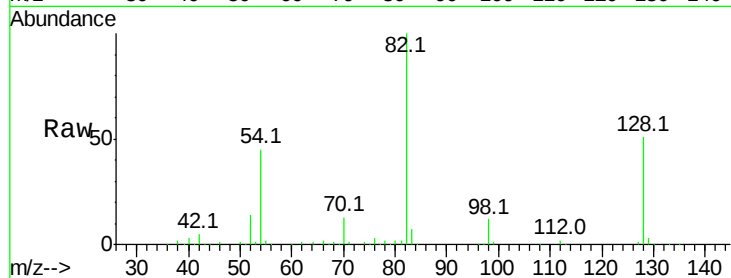
Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:	82	Resp:	258905
Ion Ratio	Lower	Upper	
82	100		
128	51.1	36.1	54.1
54	45.4	41.4	62.2



#24

Nitrobenzene

Concen: 32.490 ng

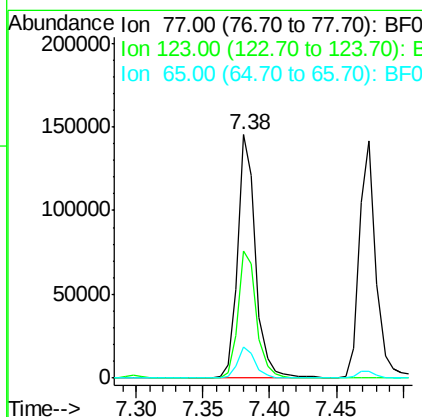
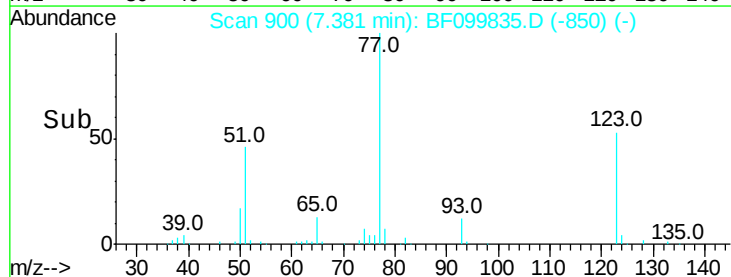
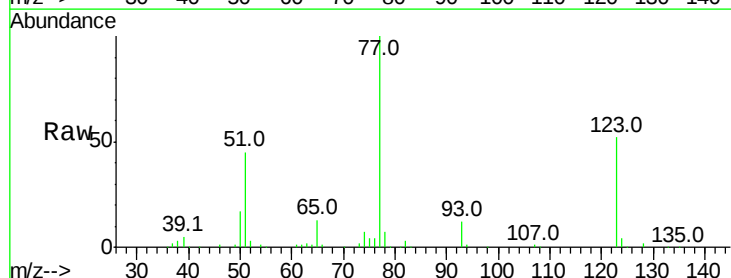
RT: 7.38 min Scan# 900

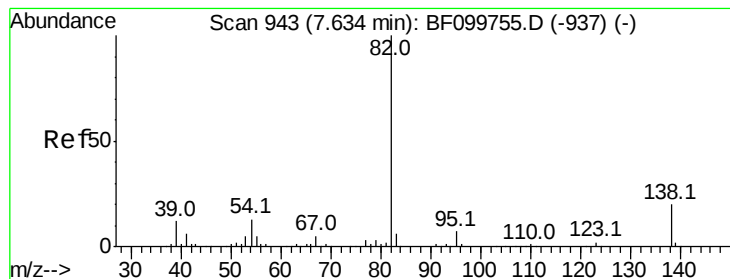
Delta R.T. -0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Tgt Ion:	77	Resp:	137088
Ion Ratio	Lower	Upper	
77	100		
123	52.1	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 33.415 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

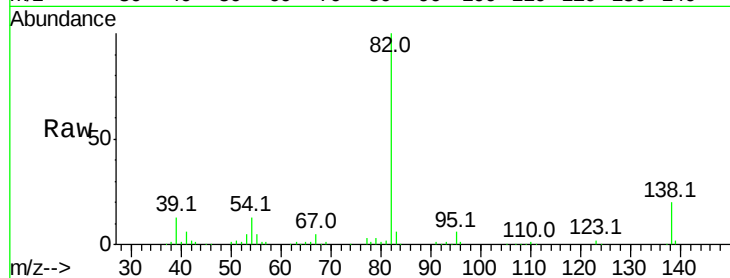
Tot Ion: 82 Resp: 253912

Ion Ratio Lower Upper

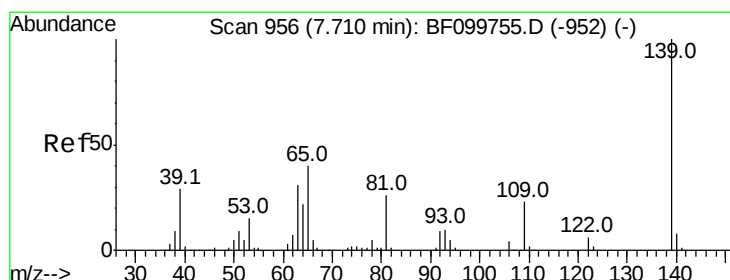
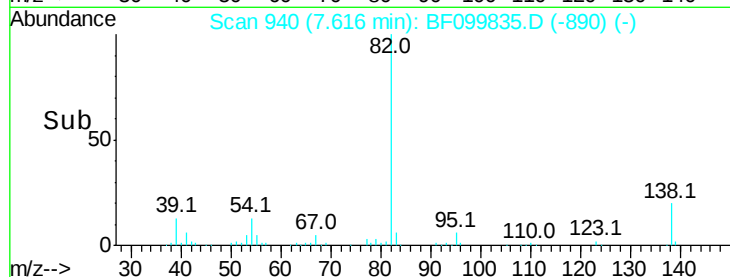
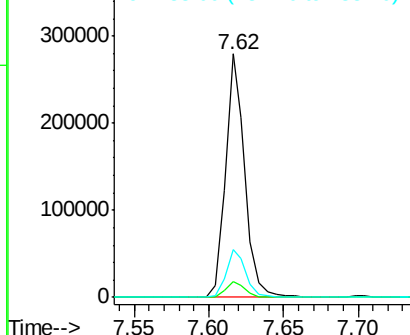
82 100

95 6.3 5.2 7.8

138 19.7 14.9 22.3



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



#26

2-Nitrophenol

Concen: 31.858 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

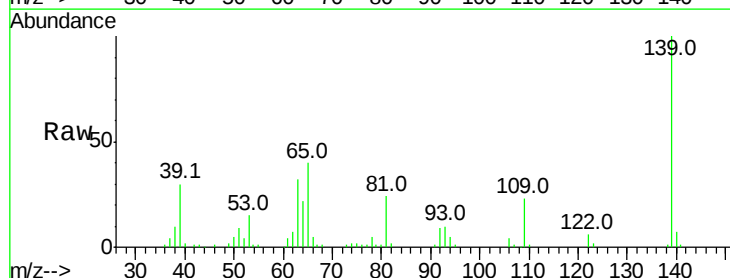
Tgt Ion:139 Resp: 76991

Ion Ratio Lower Upper

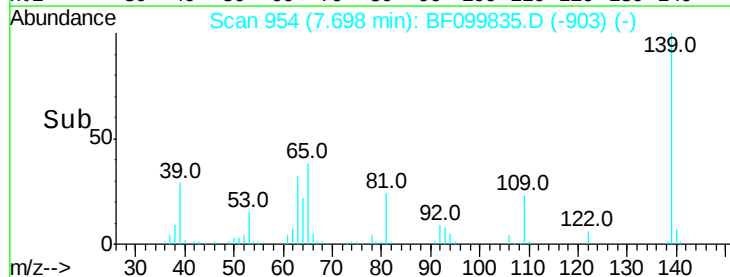
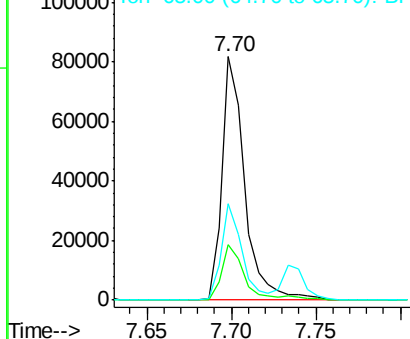
139 100

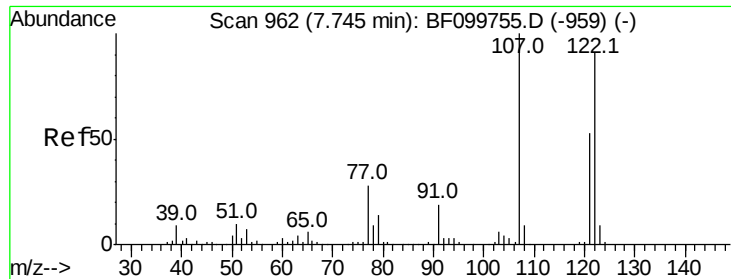
109 22.8 22.7 34.1

65 39.7 40.5 60.7#



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

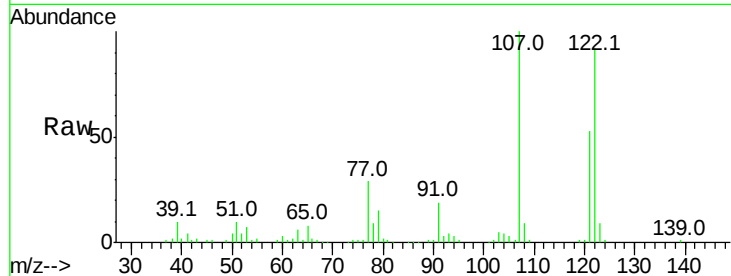




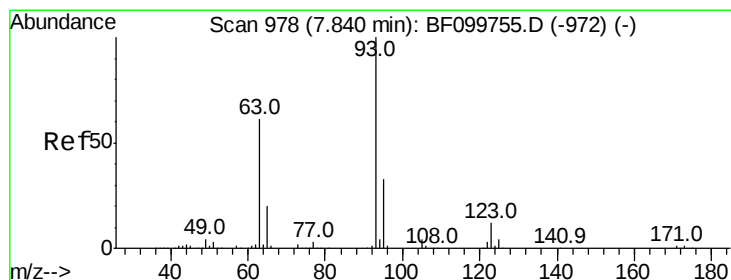
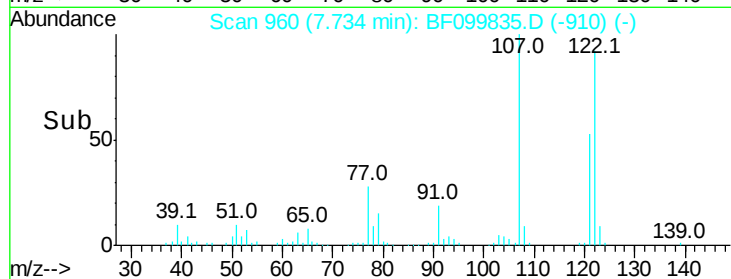
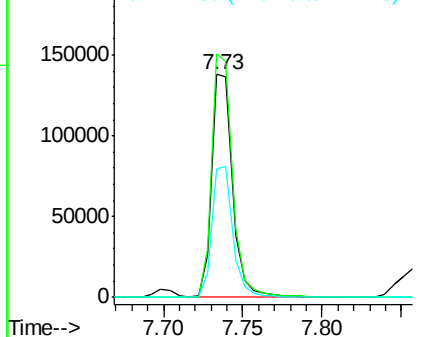
#27
 2,4-Dimethylphenol
 Concen: 36.019 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 128255
 Ion Ratio Lower Upper
 122 100
 107 109.2 91.2 136.8
 121 57.4 47.2 70.8

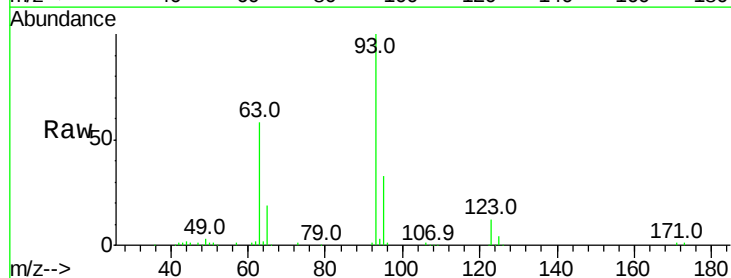


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

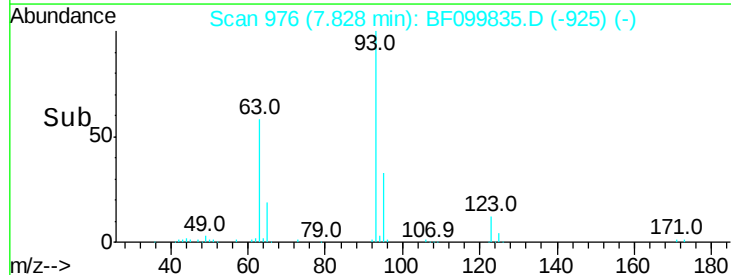
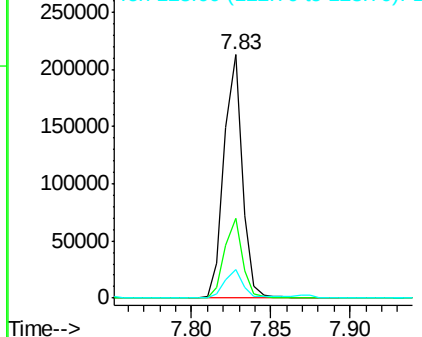


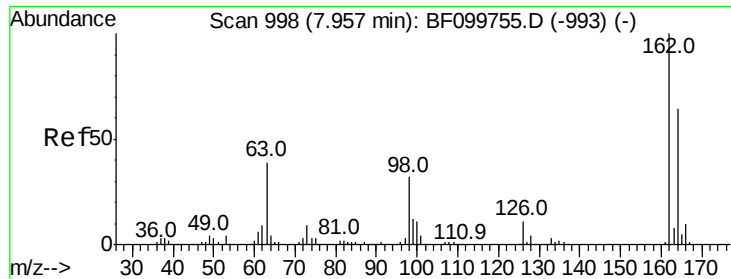
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.002 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion: 93 Resp: 170305
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.8 9.8 14.6



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

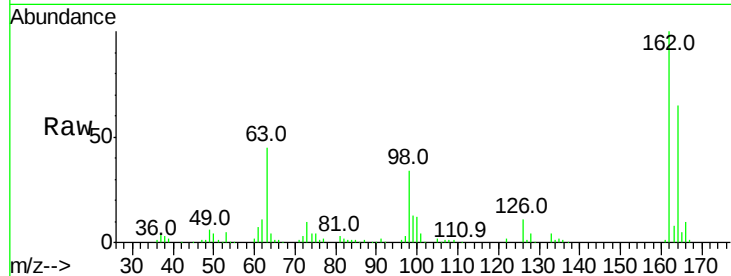




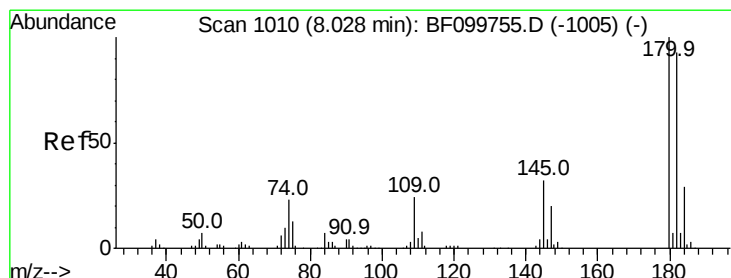
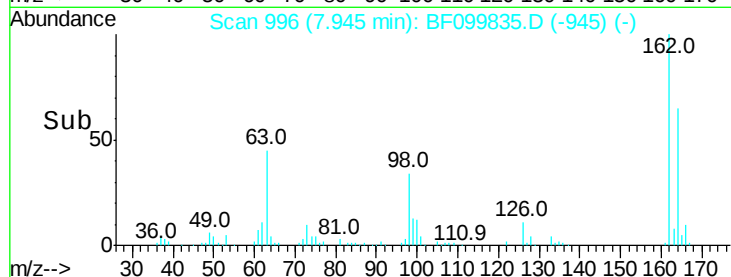
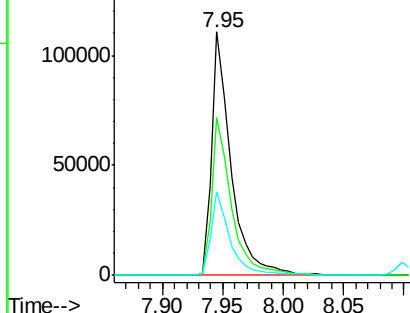
#29
 2,4-Dichlorophenol
 Concen: 32.970 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	34.3	18.1	58.1

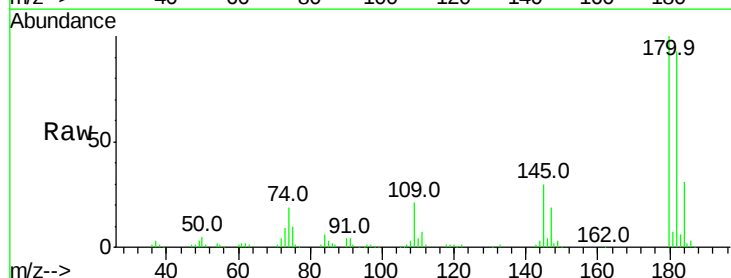


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

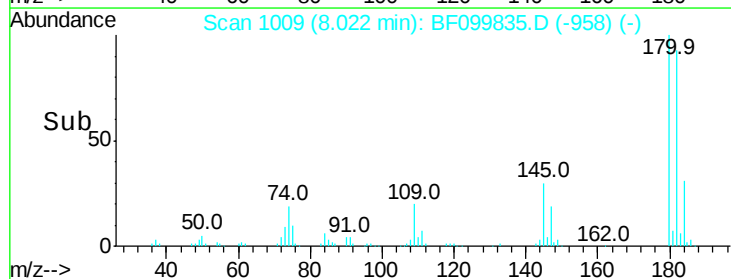
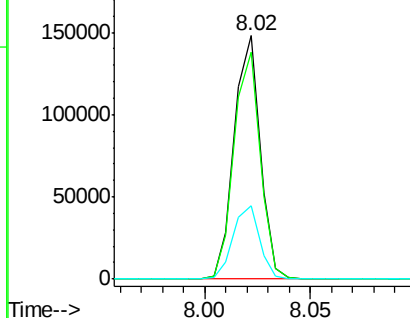


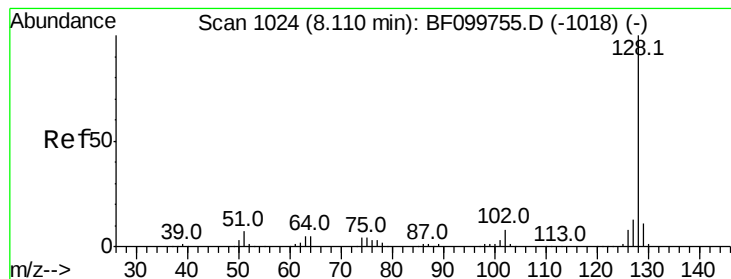
#30
 1,2,4-Trichlorobenzene
 Concen: 31.791 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.8	115.2
145	30.0	26.5	39.7



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: 32.098 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

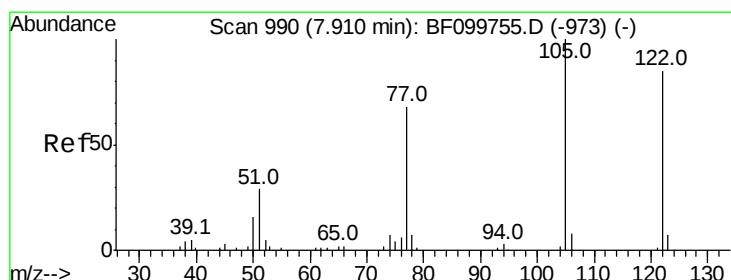
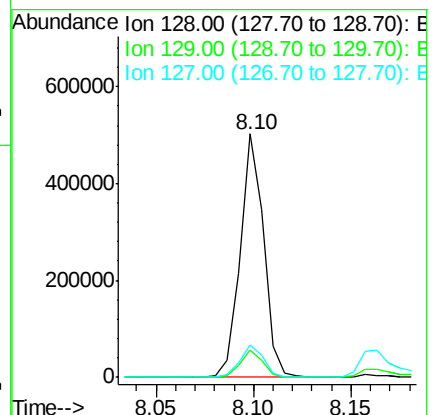
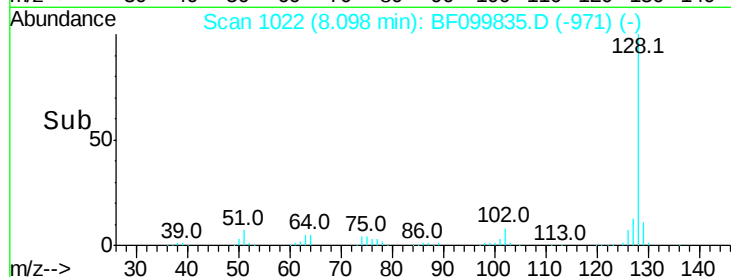
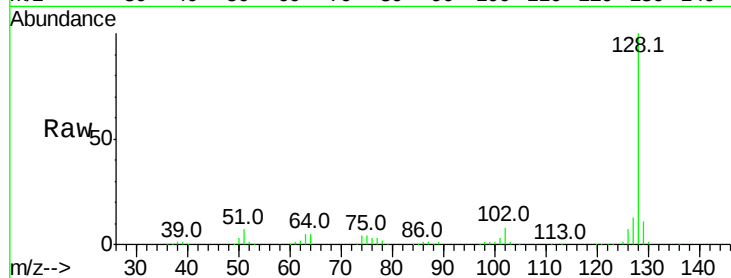
Tot Ion:128 Resp: 417718

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 14.716 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

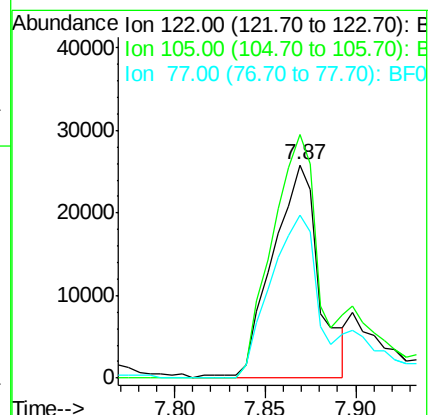
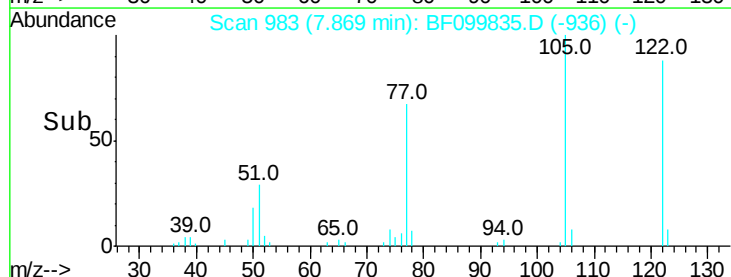
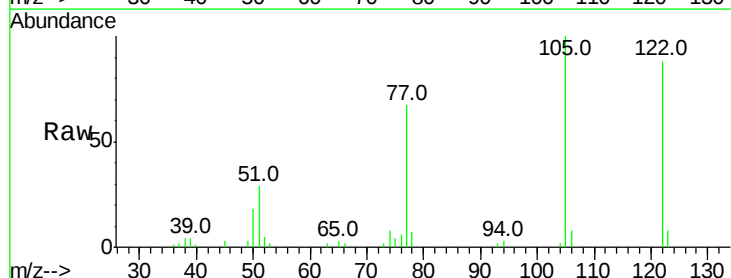
Tgt Ion:122 Resp: 46123

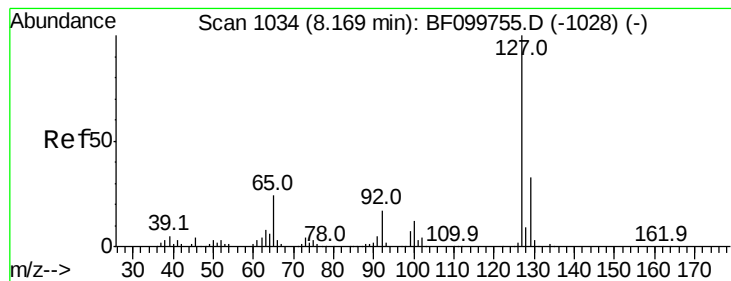
Ion Ratio Lower Upper

122 100

105 114.2 101.1 141.1

77 76.6 70.7 110.7





#33

4-Chloroaniline

Concen: 14.714 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 79071

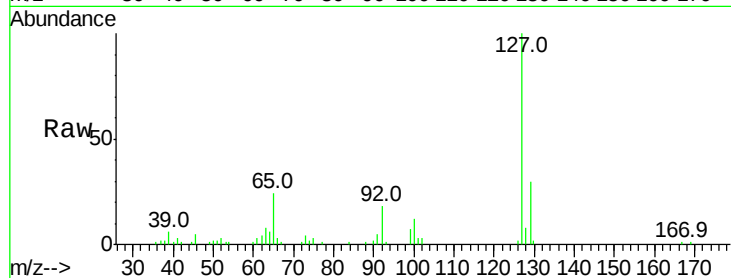
Ion Ratio Lower Upper

127 100

129 29.9 25.9 38.9

65 23.9 25.0 37.4#

92 17.8 15.2 22.8

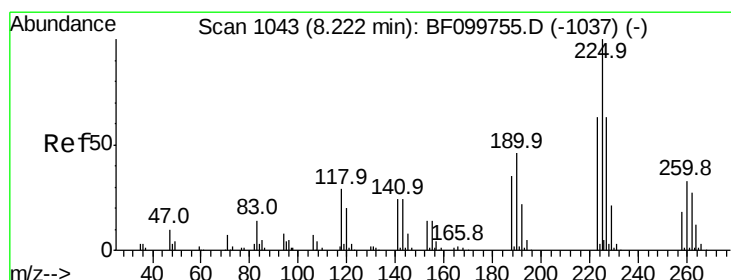
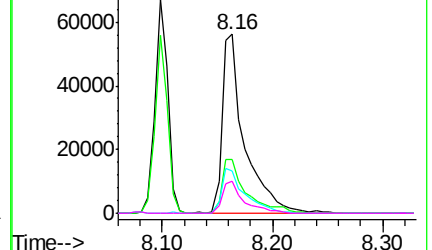
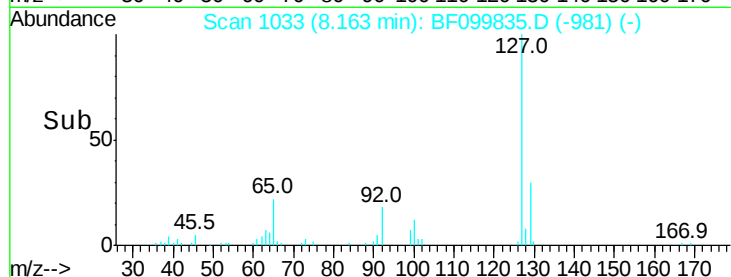


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.939 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

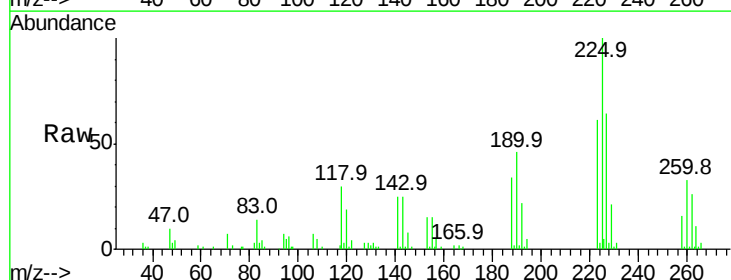
Tgt Ion:225 Resp: 62897

Ion Ratio Lower Upper

225 100

223 61.2 50.6 76.0

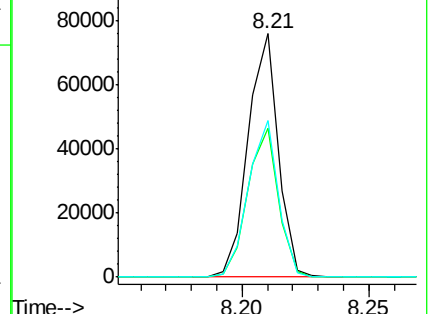
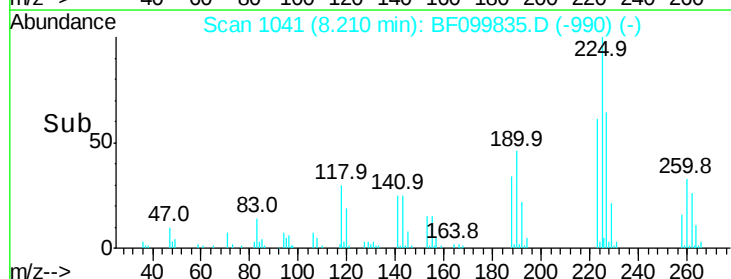
227 64.2 51.9 77.9

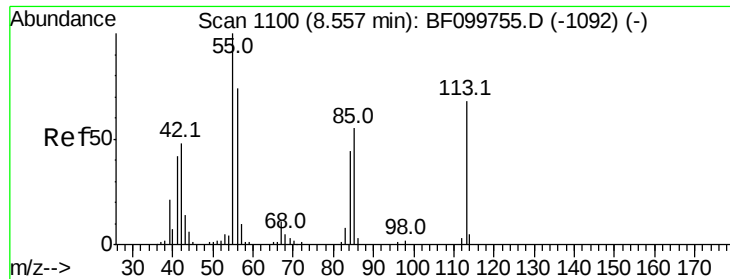


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.231 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

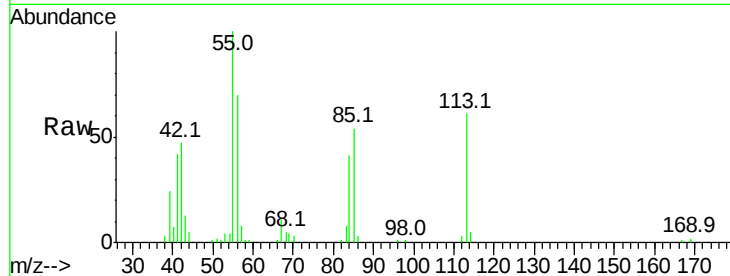
Tot Ion:113 Resp: 37493

Ion Ratio Lower Upper

113 100

55 163.4 163.3 203.3

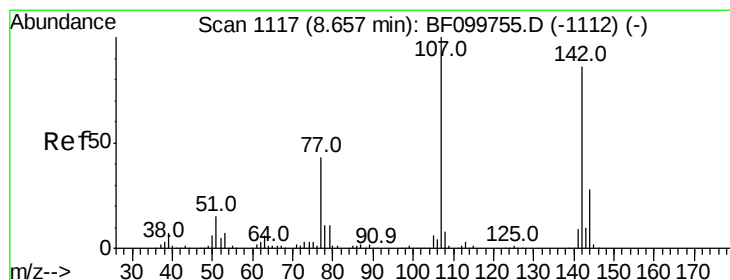
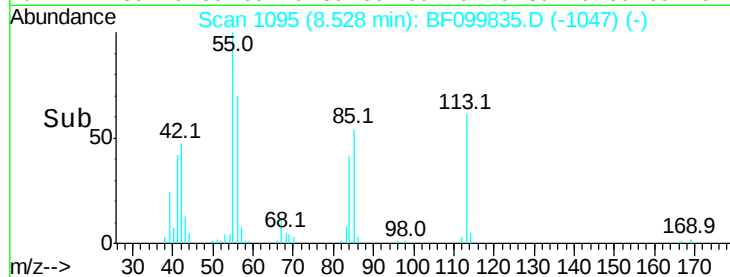
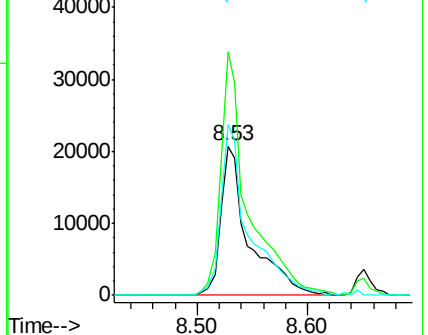
56 114.1 115.7 155.7#



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: 32.207 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

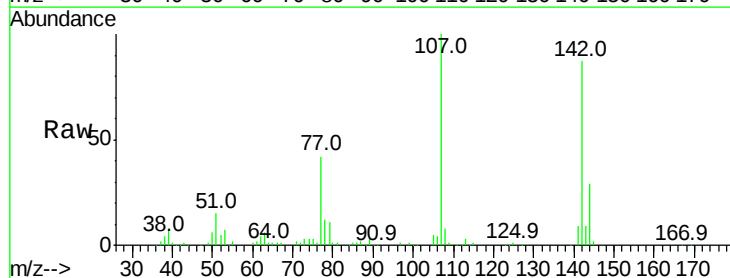
Tgt Ion:107 Resp: 121596

Ion Ratio Lower Upper

107 100

144 29.2 20.5 30.7

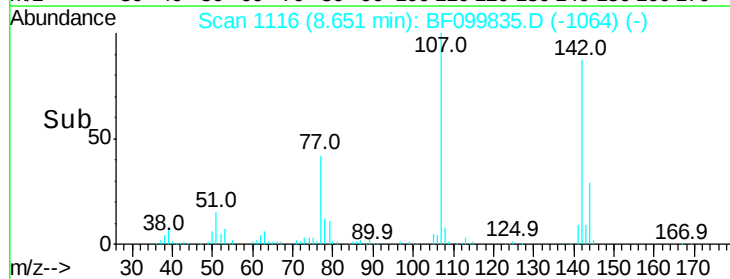
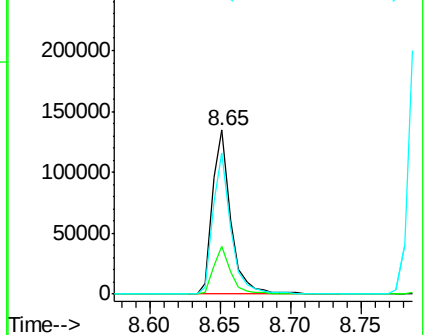
142 86.6 62.0 93.0

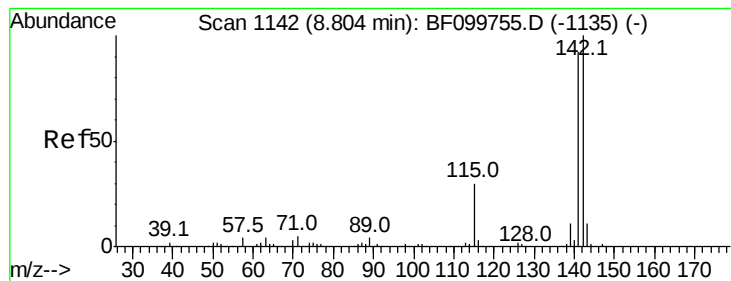


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.123 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

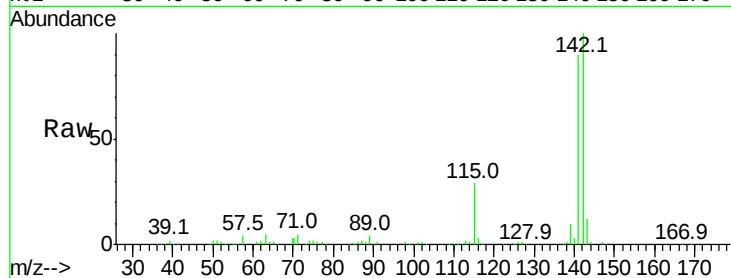
Tot Ion:142 Resp: 288872

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

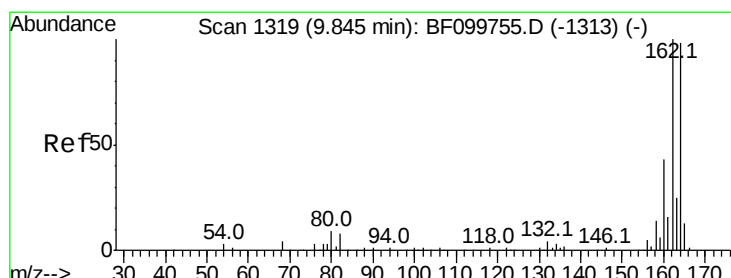
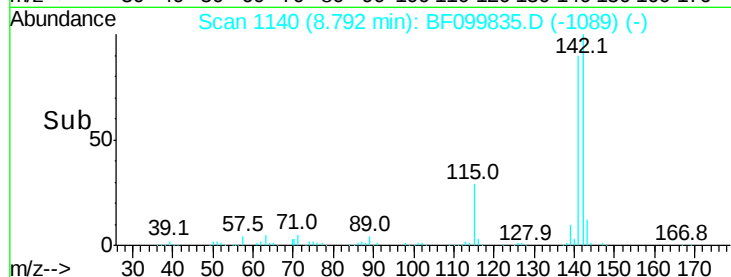
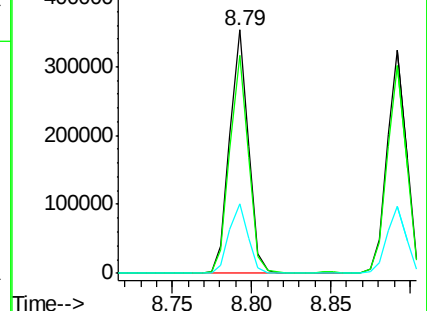
115 28.6 26.1 39.1



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: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

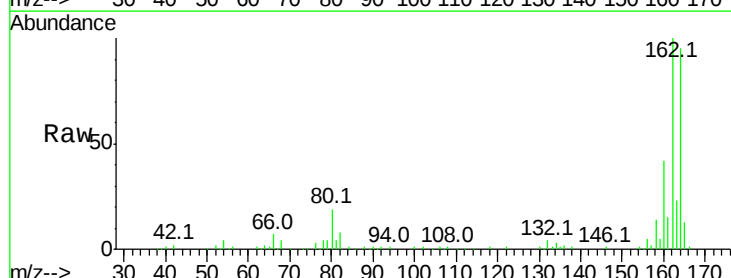
Tgt Ion:164 Resp: 122378

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

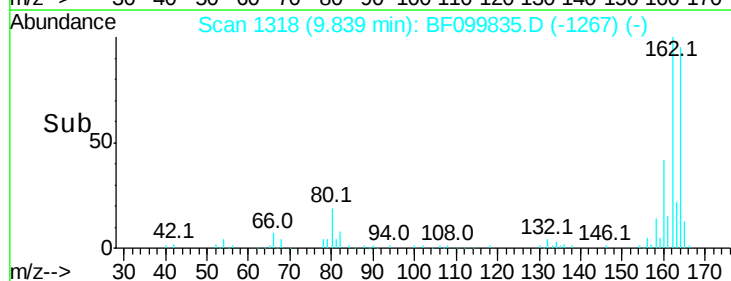
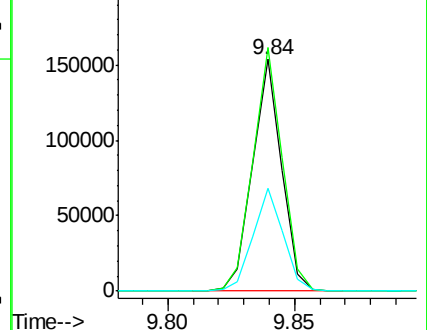
160 44.6 38.3 57.5



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

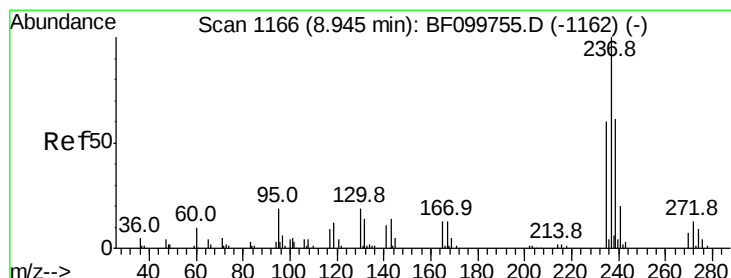
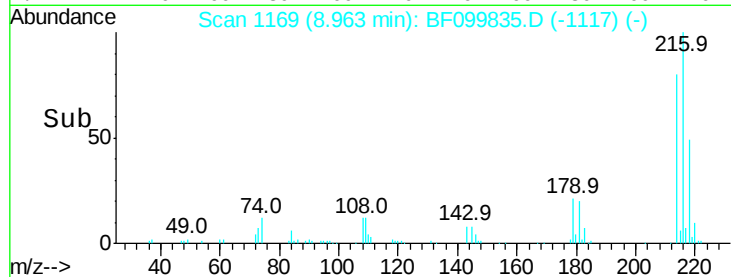
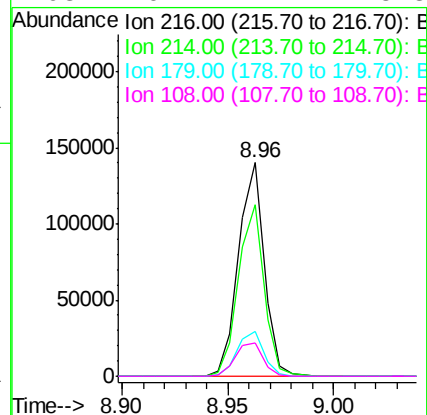
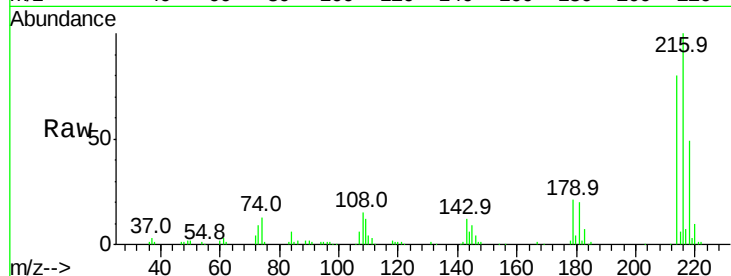




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.711 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

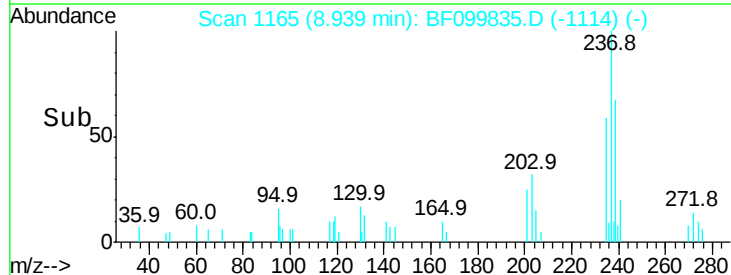
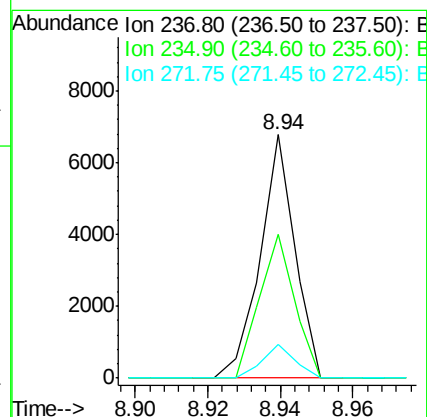
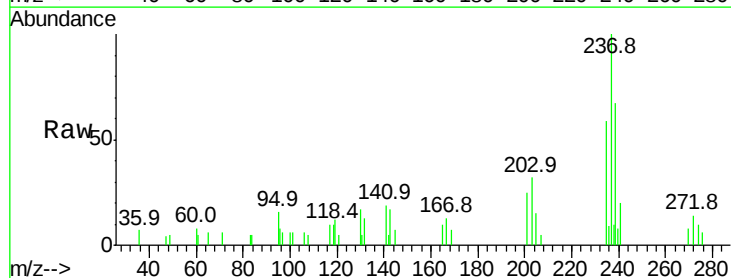
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
216	100	117433		
214	80.1	63.0	94.4	
179	21.8	18.1	27.1	
108	16.7	17.2	25.8	



#40
 Hexachlorocyclopentadiene
 Concen: 16.563 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	4464		
235	58.8	44.8	84.8	
272	14.0	0.0	33.3	

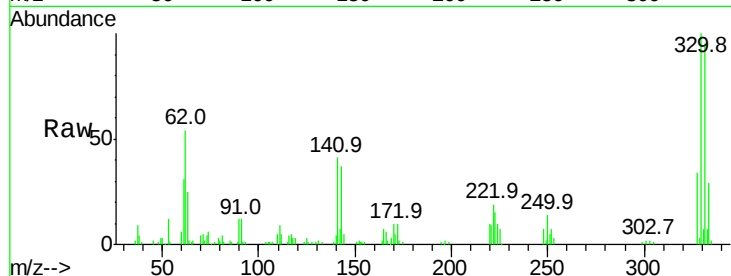




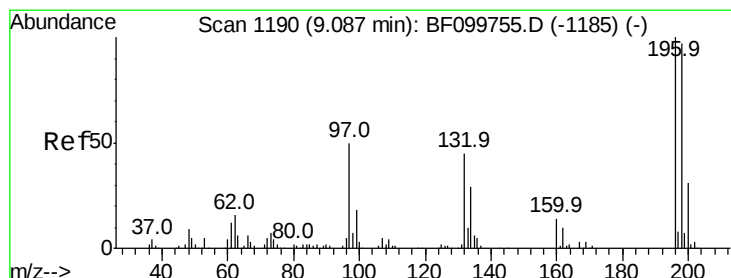
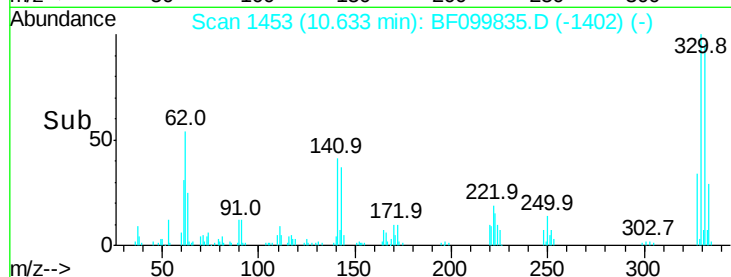
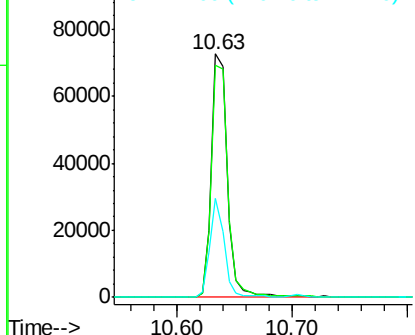
#41
 2,4,6-Tribromophenol
 Concen: 63.110 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 70384
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 36.2 29.9 44.9

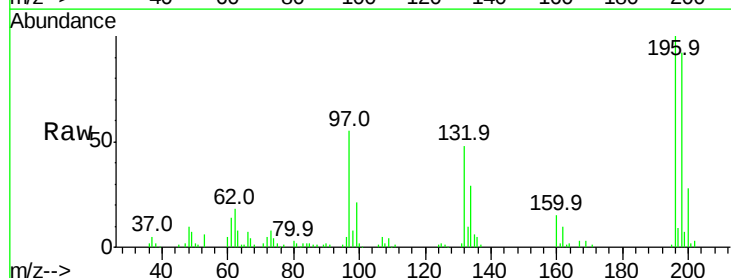


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

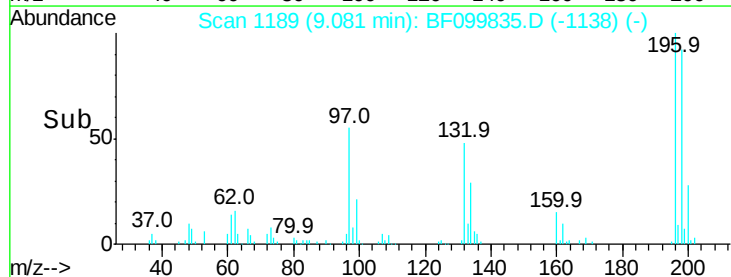
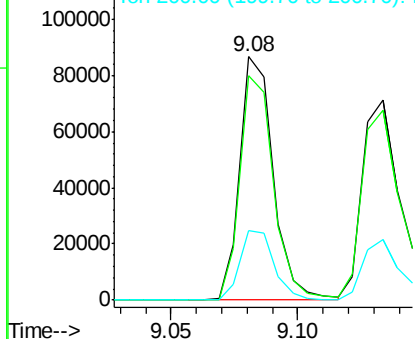


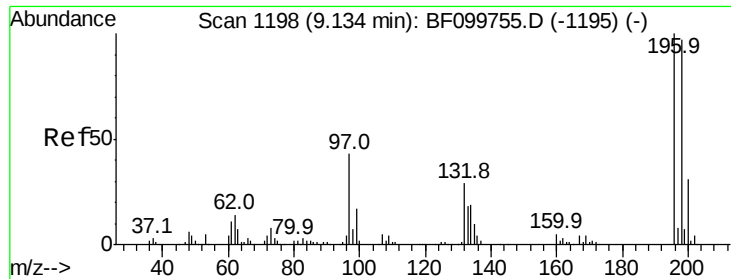
#42
 2,4,6-Trichlorophenol
 Concen: 33.324 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:196 Resp: 79670
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.7 113.5
 200 28.4 24.5 36.7



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

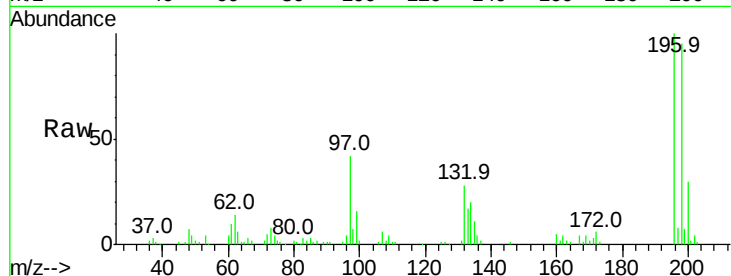




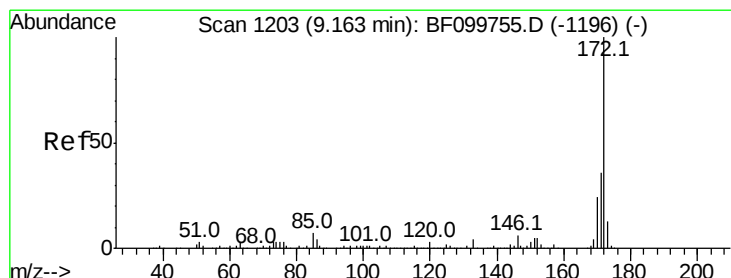
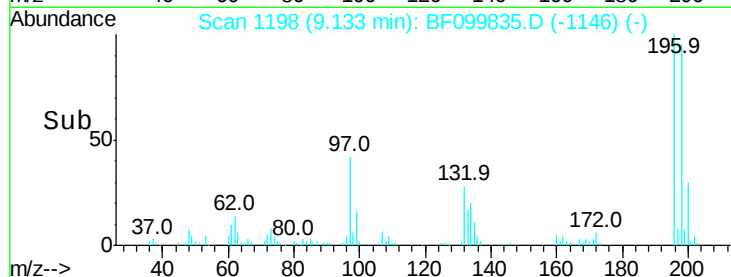
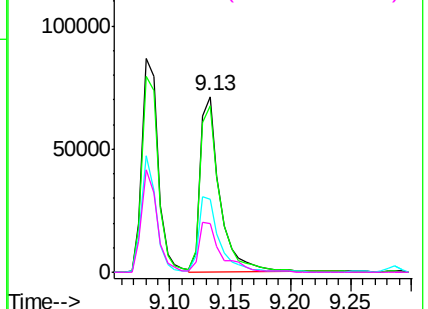
#43
 2,4,5-Trichlorophenol
 Concen: 31.911 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	41.9	42.9	64.3
132	28.0	26.3	39.5

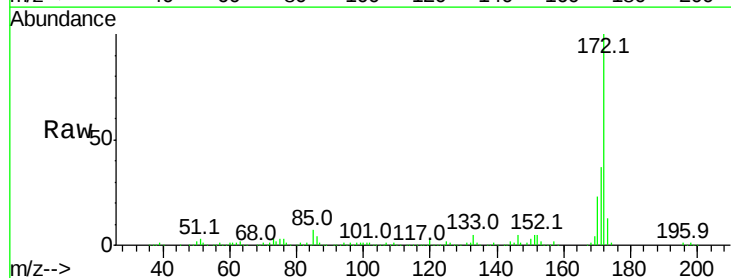


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

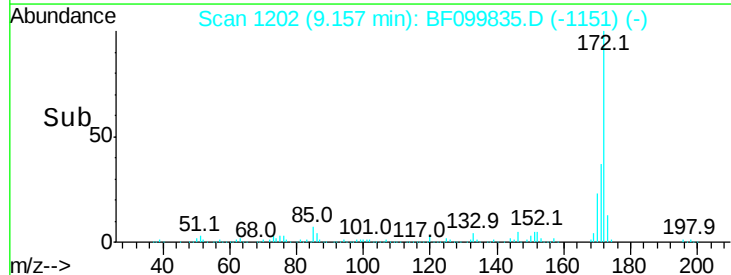
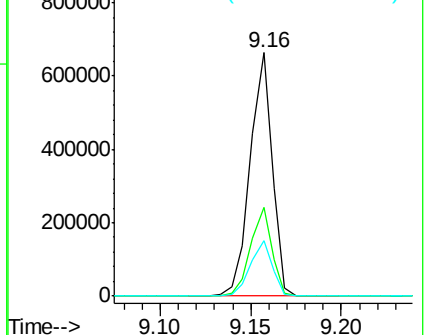


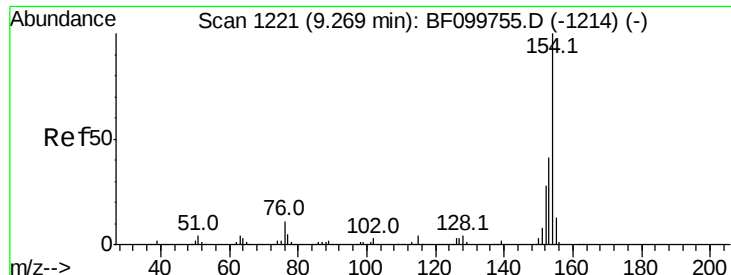
#44
 2-Fluorobiphenyl
 Concen: 70.775 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.0	19.6	29.4



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

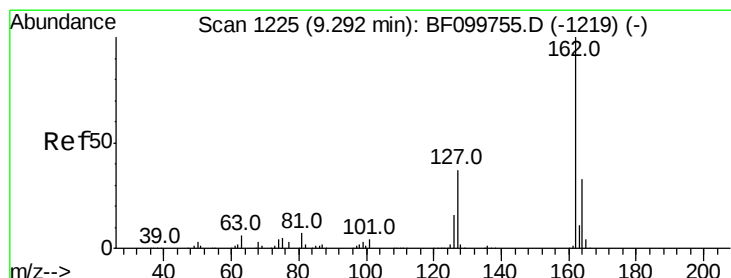
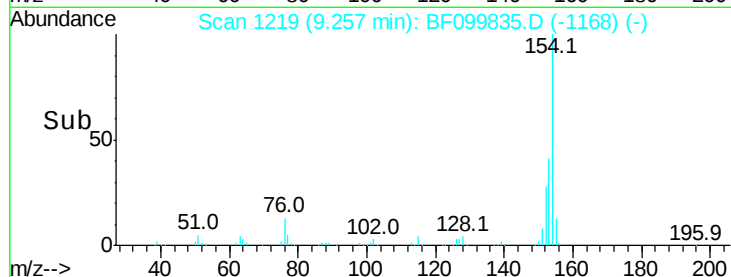
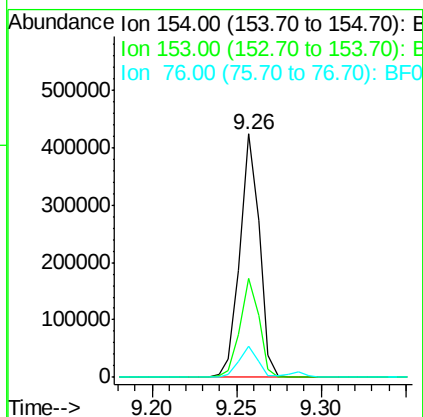
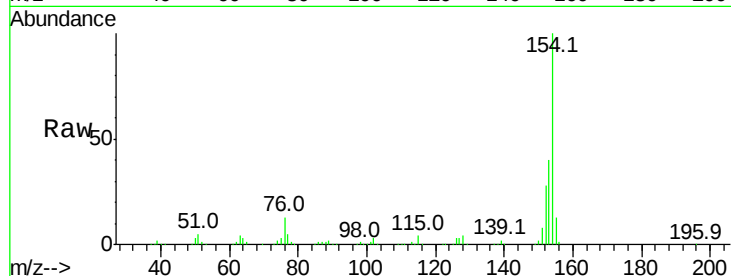




#45
 1,1'-Biphenyl
 Concen: 30.805 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

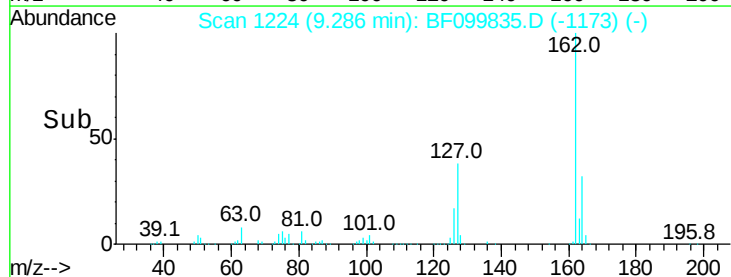
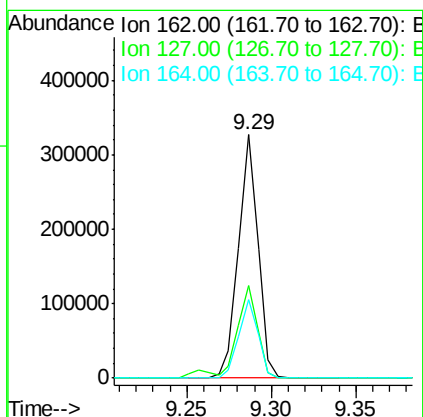
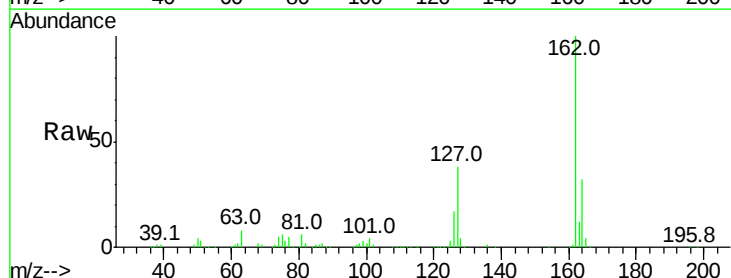
Instrument :
 BNA_F
 ClientSampleId :

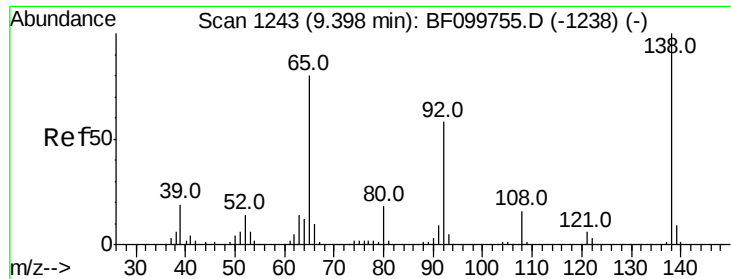
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 32.677 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.9	50.9
164	32.3	26.5	39.7

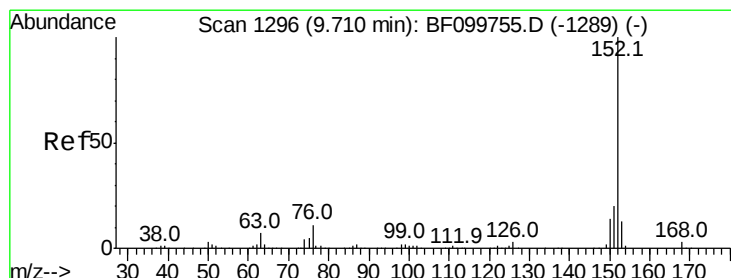
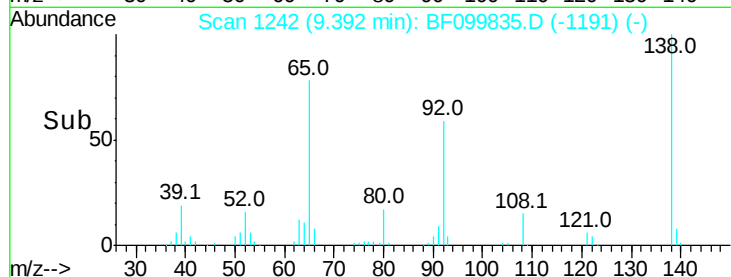
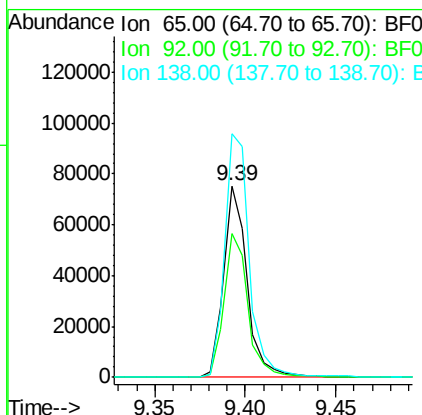
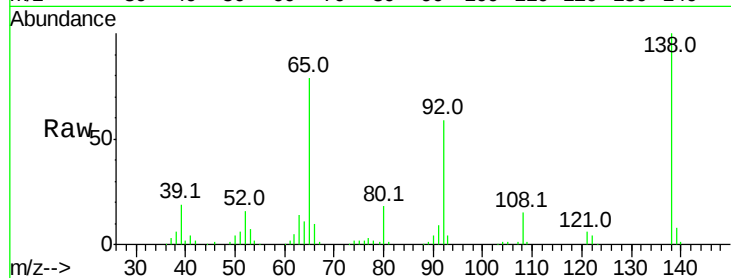




#47
 2-Nitroaniline
 Concen: 32.132 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

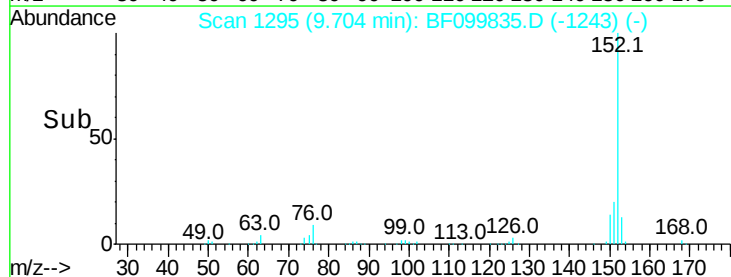
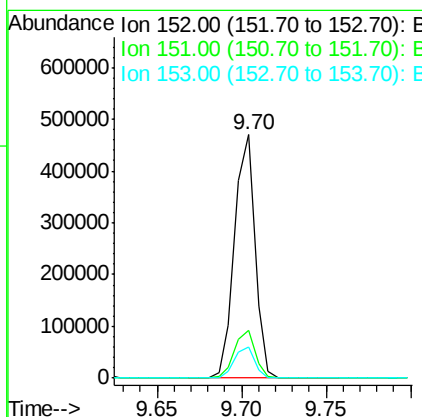
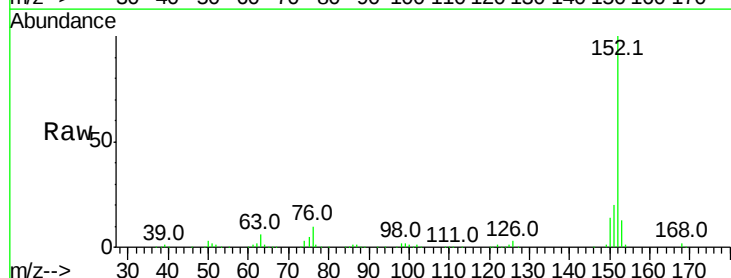
Instrument :
 BNA_F
 ClientSampleId :

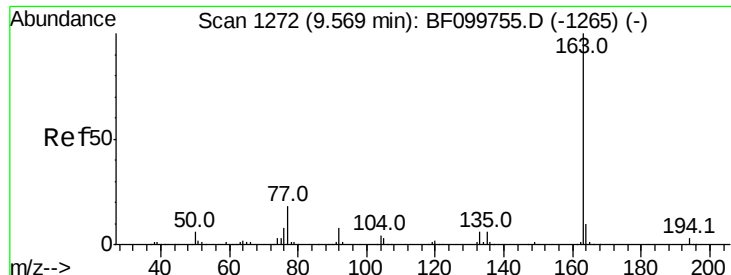
Tot Ion: 65 Resp: 67805
 Ion Ratio Lower Upper
 65 100
 92 74.9 55.8 83.6
 138 127.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.936 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:152 Resp: 395469
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.3 24.5
 153 12.8 10.7 16.1

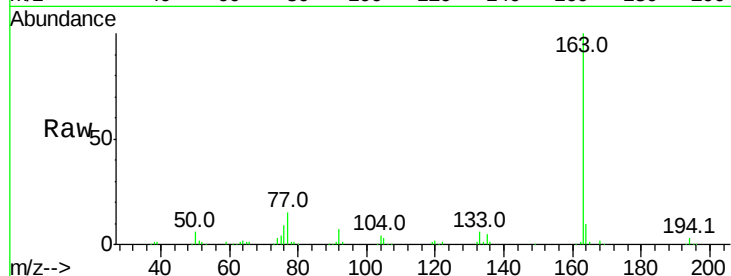




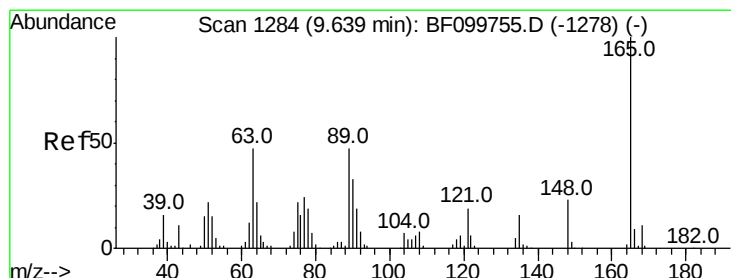
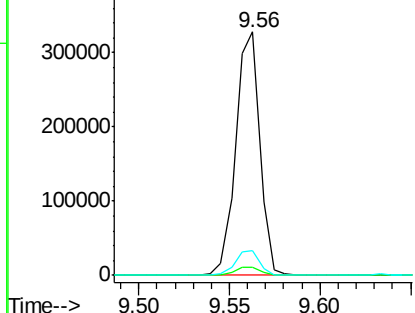
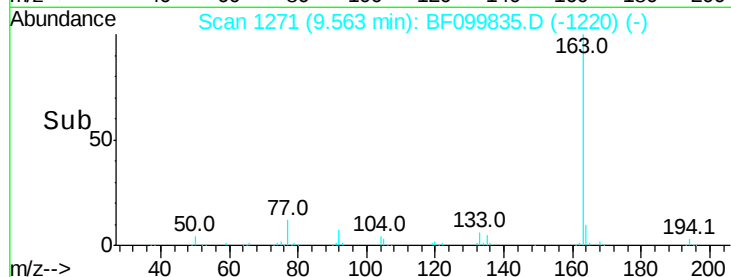
#49
Dimethylphthalate
Concen: 31.267 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 303020
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

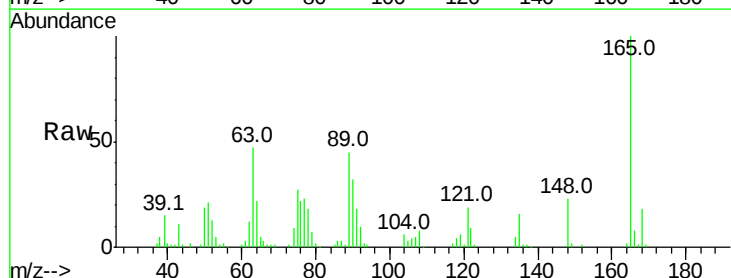


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

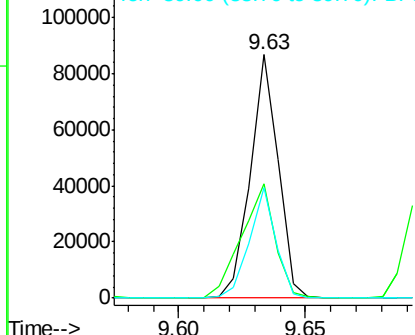
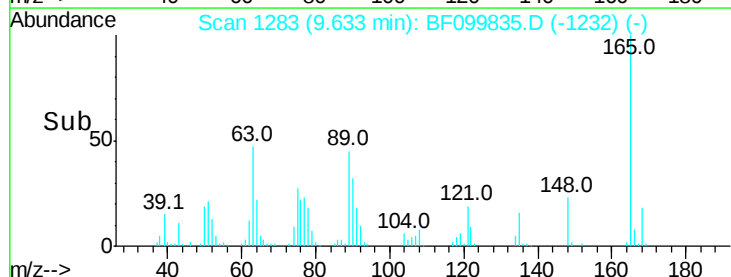


#50
2,6-Dinitrotoluene
Concen: 32.653 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:165 Resp: 66526
Ion Ratio Lower Upper
165 100
63 47.0 44.7 67.1
89 45.3 44.0 66.0



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: 31.190 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

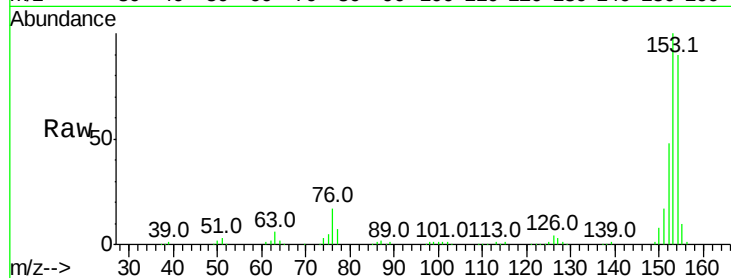
Tot Ion:154 Resp: 235996

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

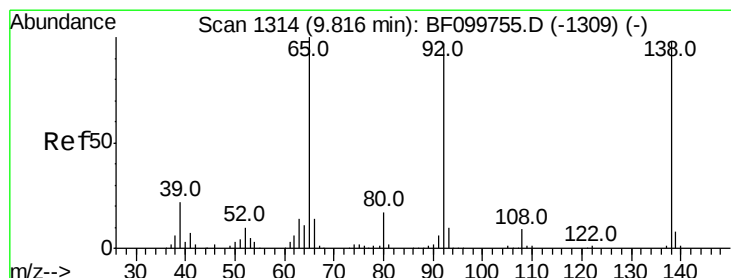
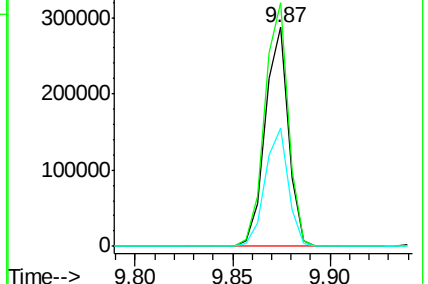
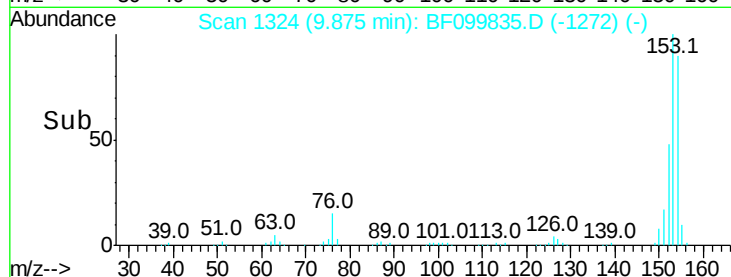
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.240 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

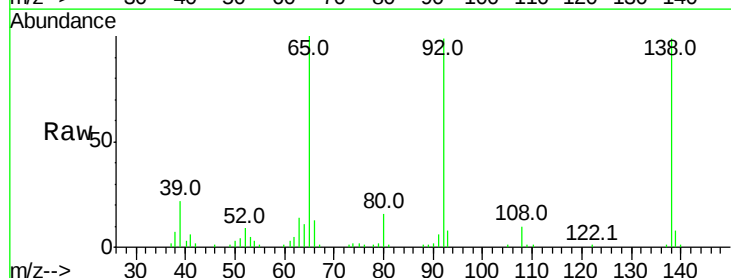
Tgt Ion:138 Resp: 53389

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

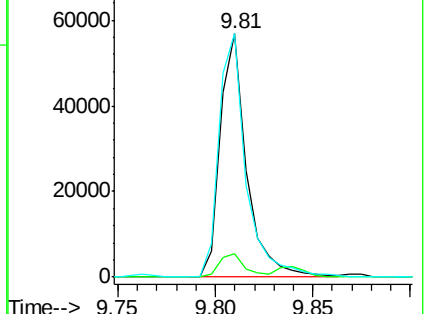
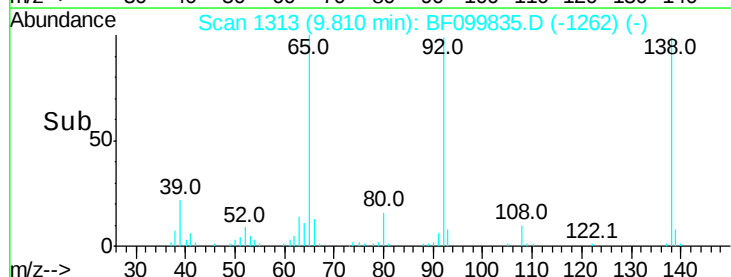
92 99.9 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

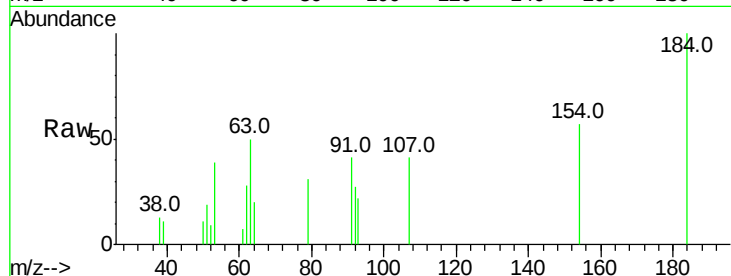




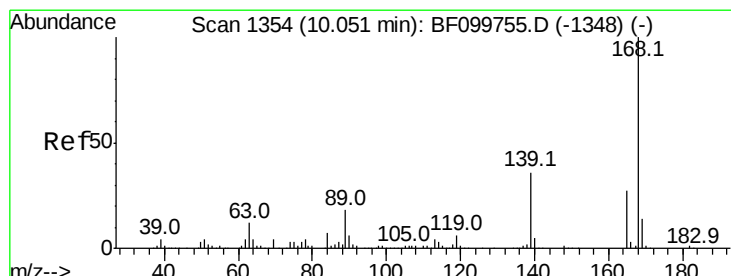
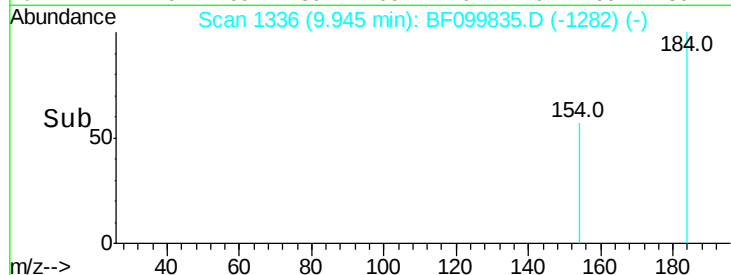
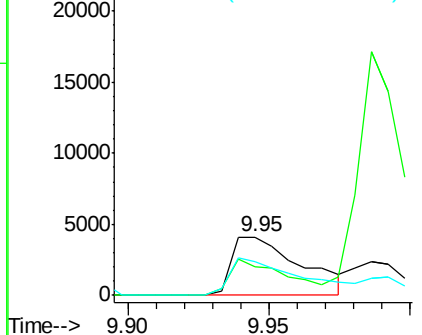
#53
 2,4-Dinitrophenol
 Concen: 13.855 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 7016
 Ion Ratio Lower Upper
 184 100
 63 49.6 54.2 81.2#
 154 57.3 53.5 80.3

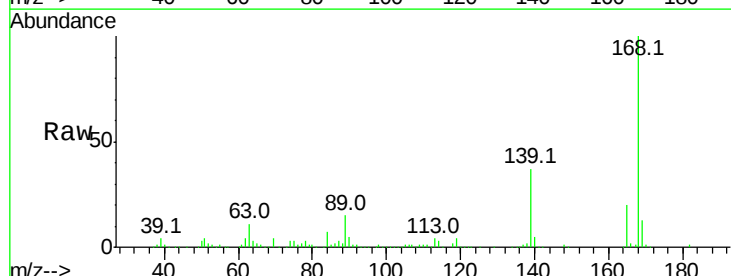


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

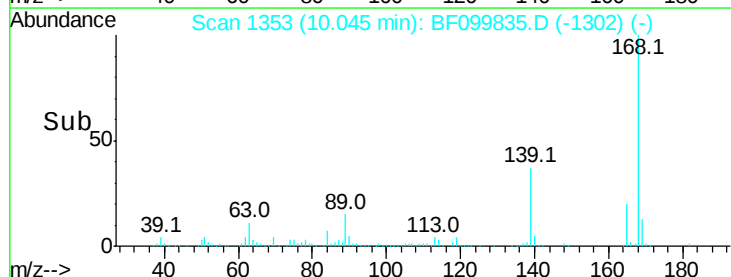
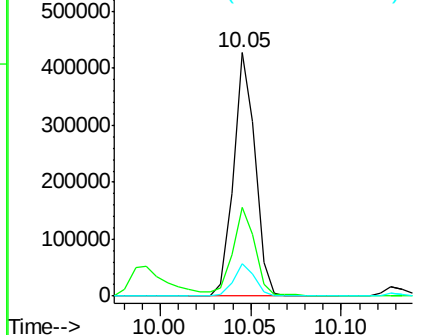


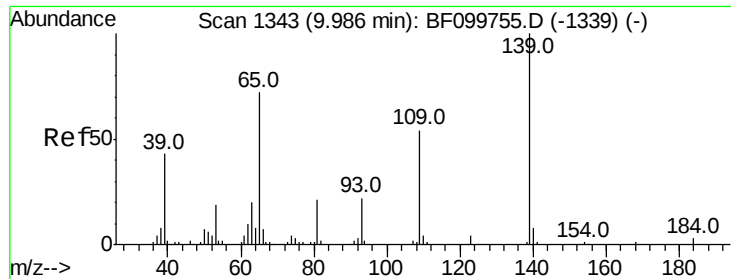
#54
 Dibenzofuran
 Concen: 33.170 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:168 Resp: 354279
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.1 45.1
 169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 60.669 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

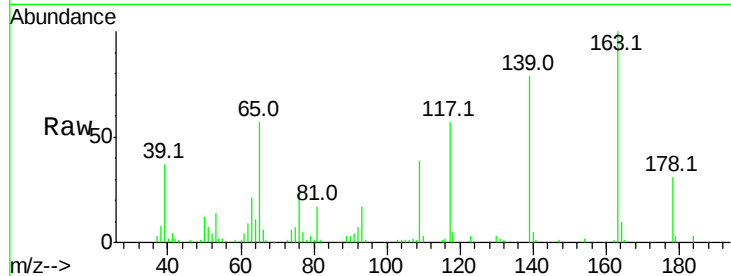
Tot Ion:139 Resp: 76097

Ion Ratio Lower Upper

139 100

109 50.0 48.4 88.4

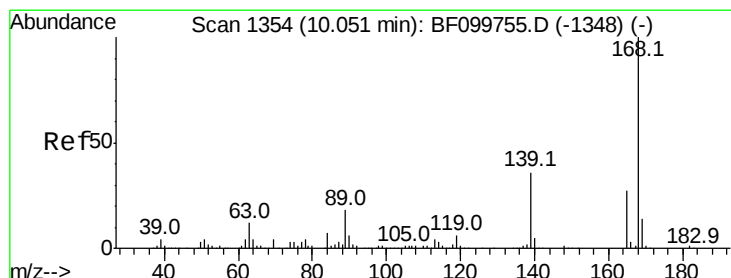
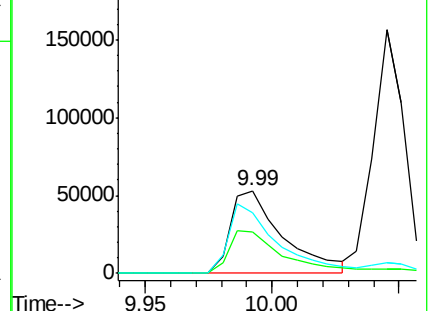
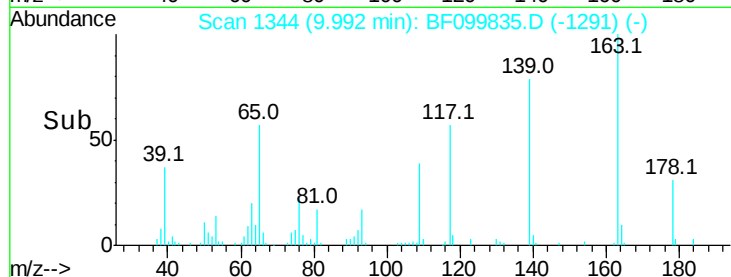
65 72.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 33.745 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Tgt Ion:165 Resp: 82796

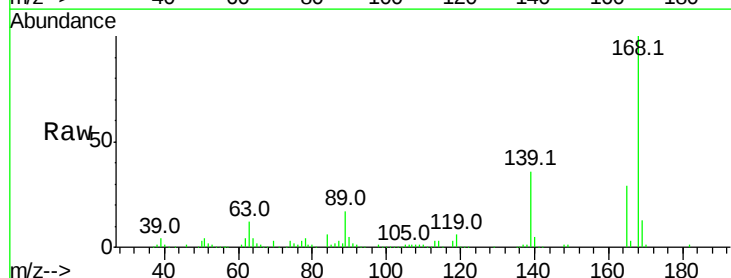
Ion Ratio Lower Upper

165 100

63 39.3 36.4 54.6

89 58.8 57.8 86.6

182 2.3 1.6 2.4

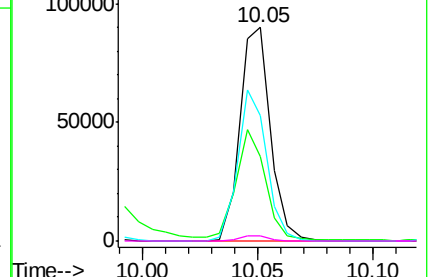
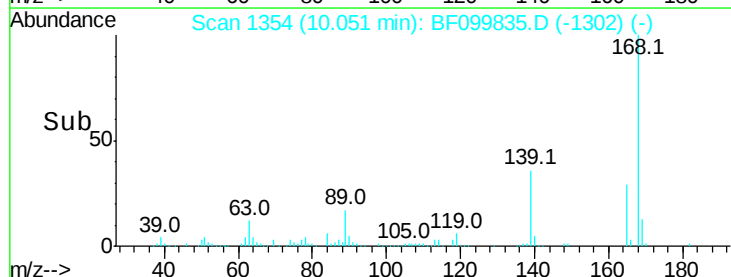


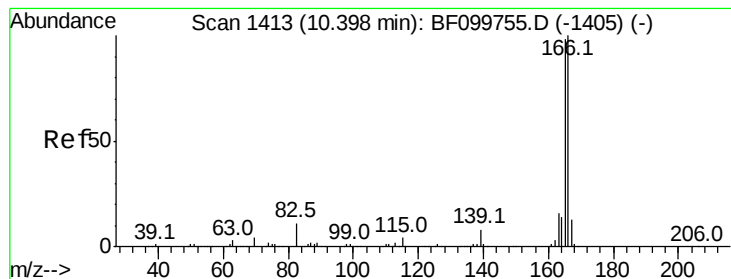
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.360 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

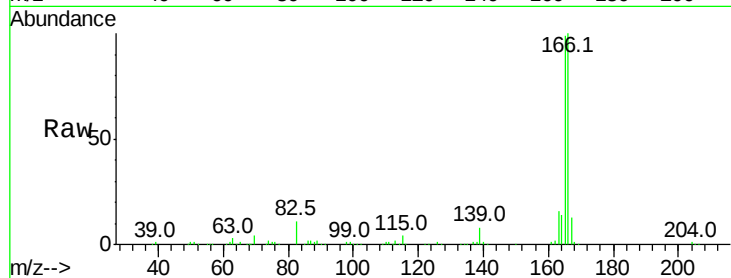
Tot Ion:166 Resp: 286165

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

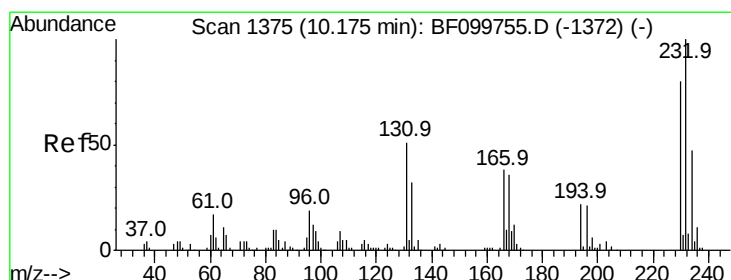
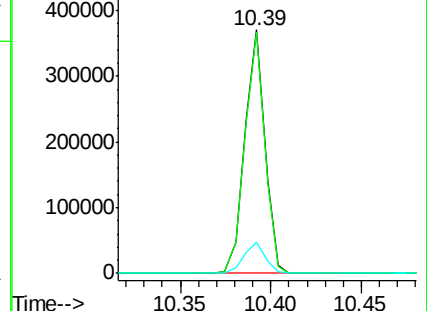
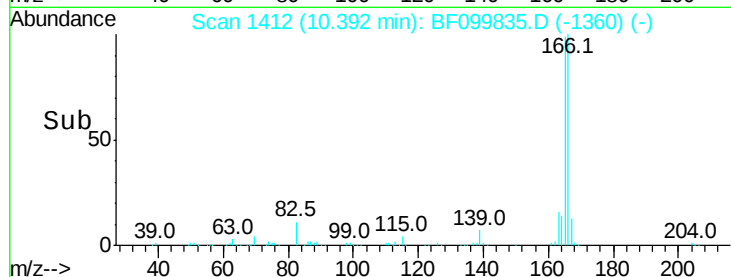
167 12.6 10.6 16.0



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: 34.230 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Tgt Ion:232 Resp: 60890

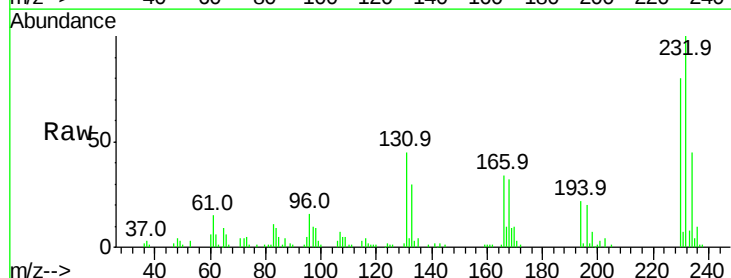
Ion Ratio Lower Upper

232 100

131 45.9 43.8 65.8

130 1.7 2.1 3.1#

166 34.4 27.8 41.6

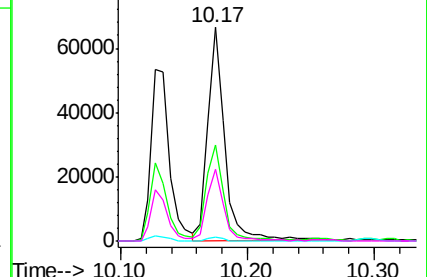
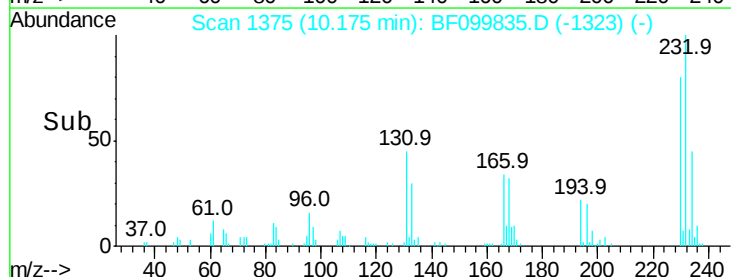


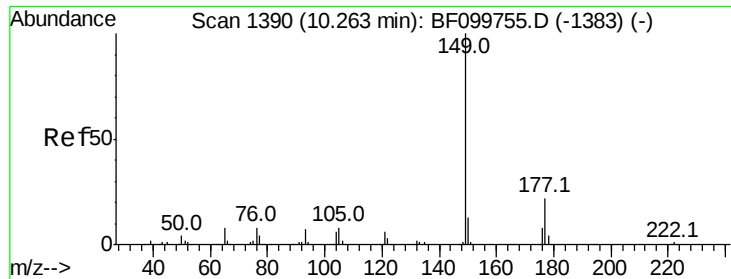
Abundance Ion 232.00 (231.70 to 232.70): E

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

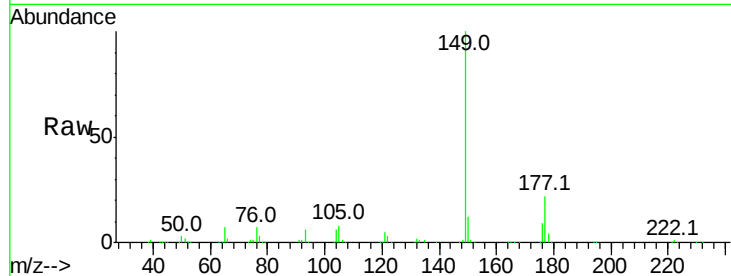




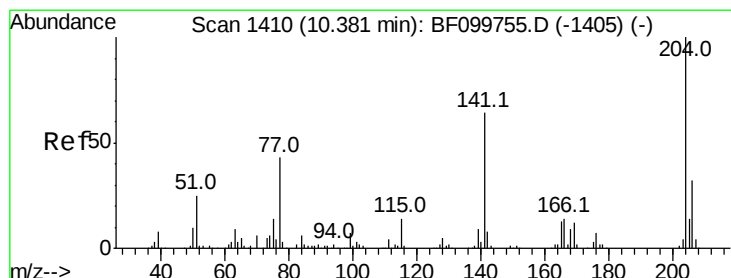
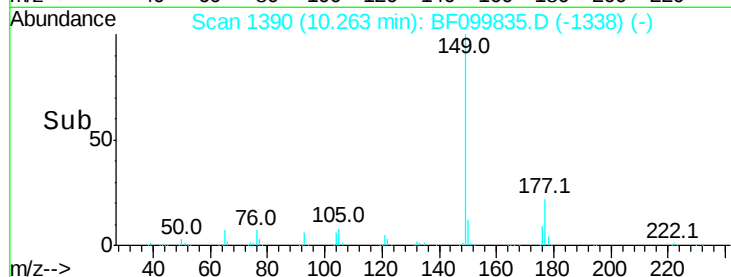
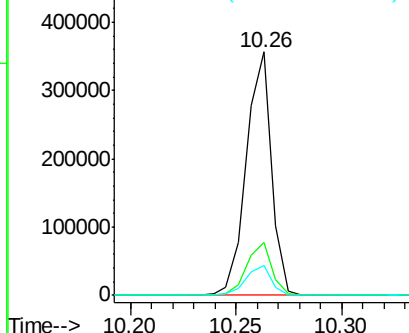
#59
Diethylphthalate
Concen: 31.188 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.1	10.1	15.1

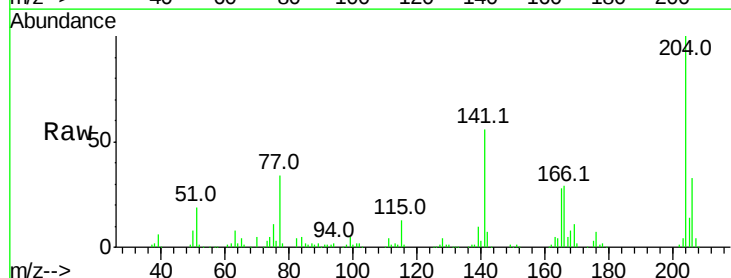


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

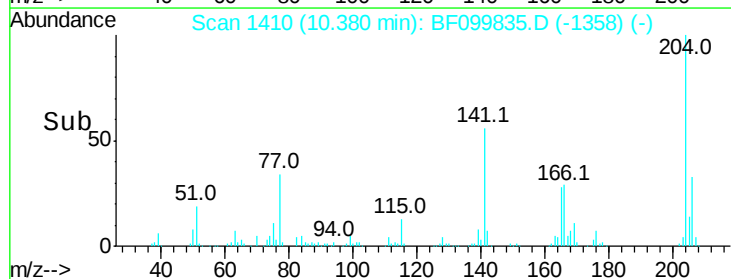
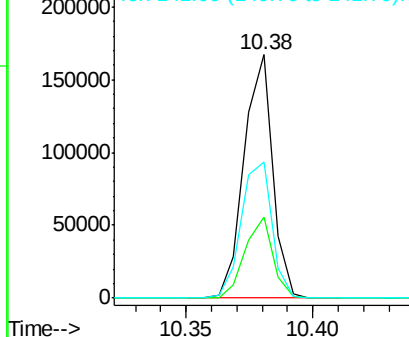


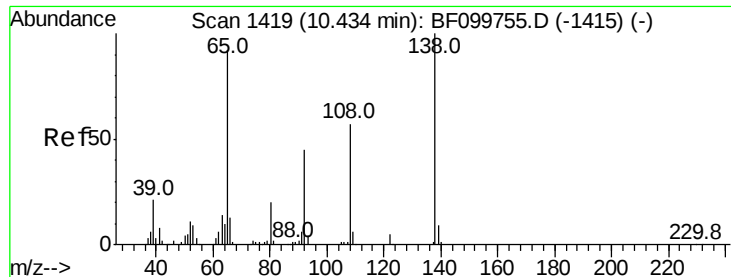
#60
4-Chlorophenyl-phenylether
Concen: 31.561 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	56.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

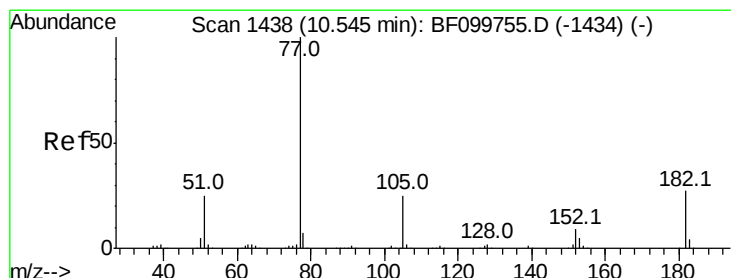
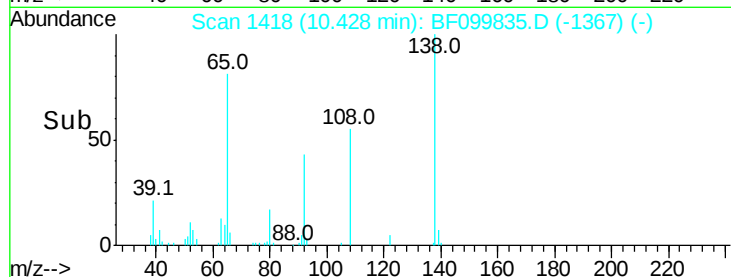
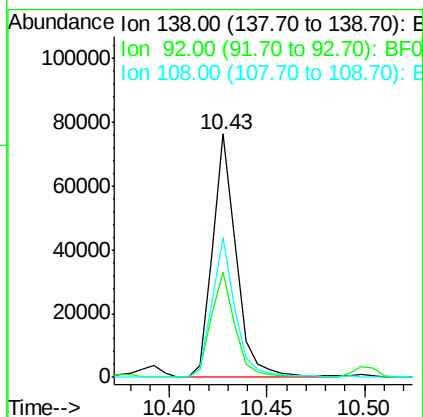
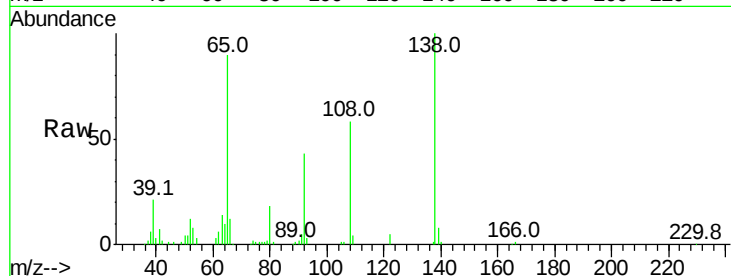




#61
4-Nitroaniline
Concen: 28.259 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

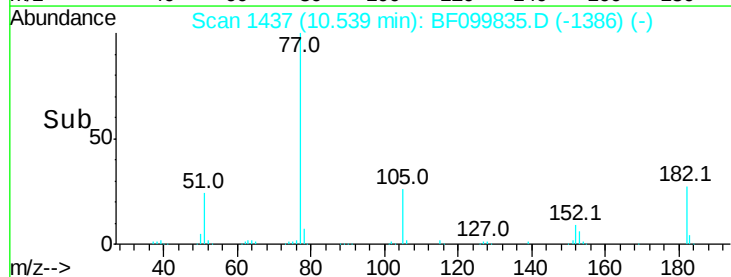
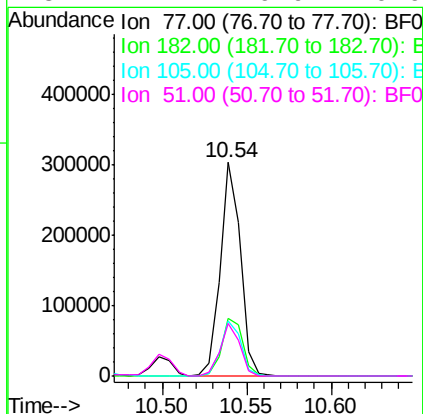
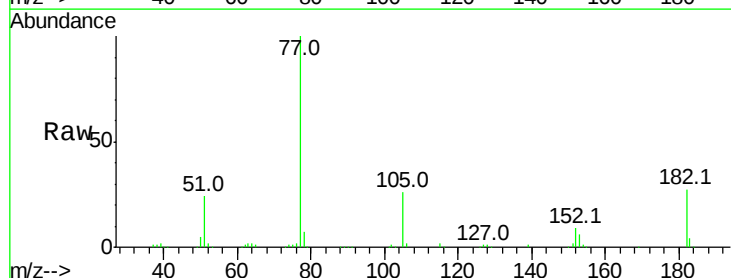
Instrument :
BNA_F
ClientSampled :

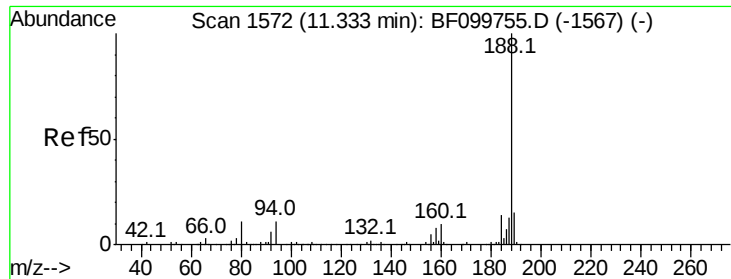
Tot Ion:138 Resp: 64723
Ion Ratio Lower Upper
138 100
92 43.0 30.2 70.2
108 57.6 52.5 92.5



#62
Azobenzene
Concen: 31.873 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion: 77 Resp: 252864
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 25.5 3.0 43.0
51 24.4 9.9 49.9

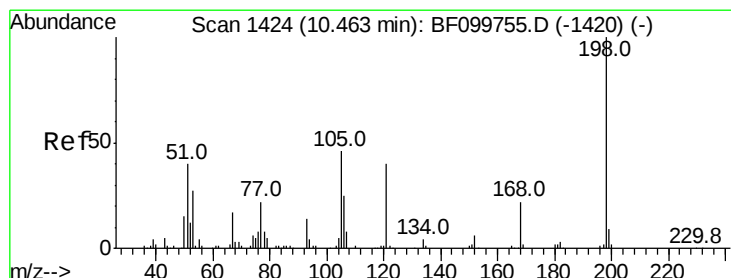
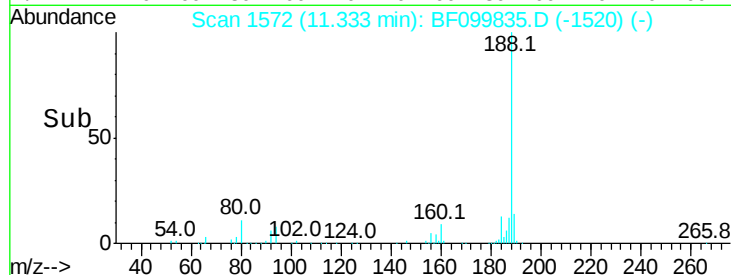
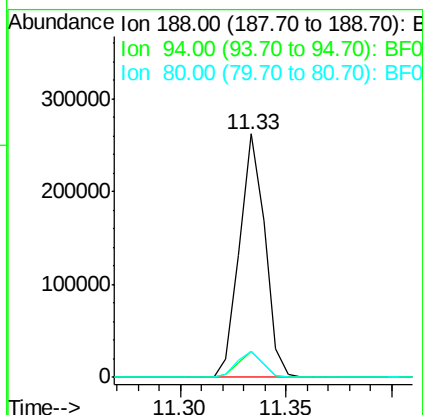
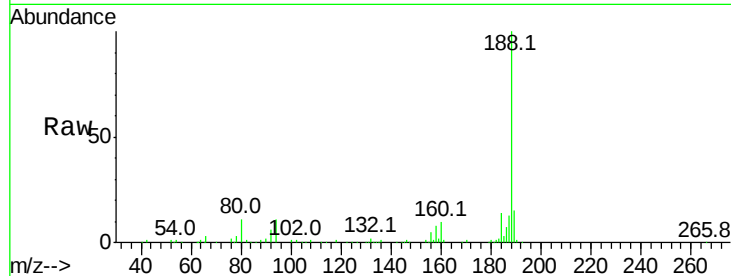




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

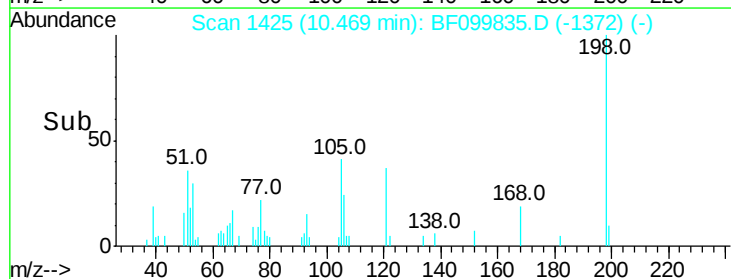
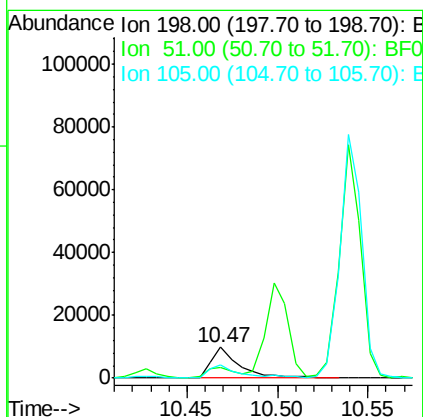
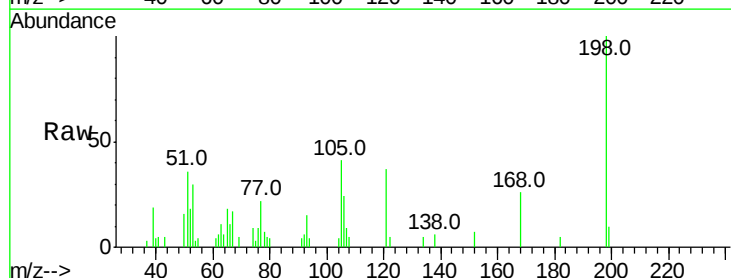
Instrument :
BNA_F
ClientSampleId :

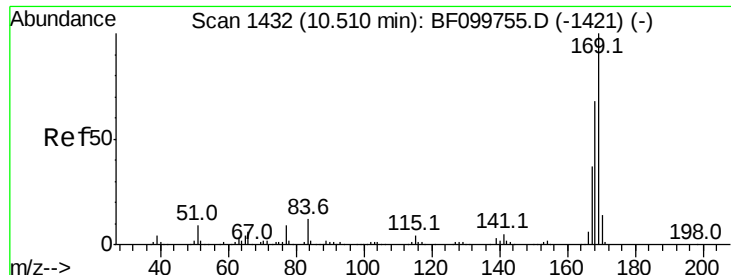
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.8	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.626 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.1	37.7	77.7#
105	41.2	36.3	76.3

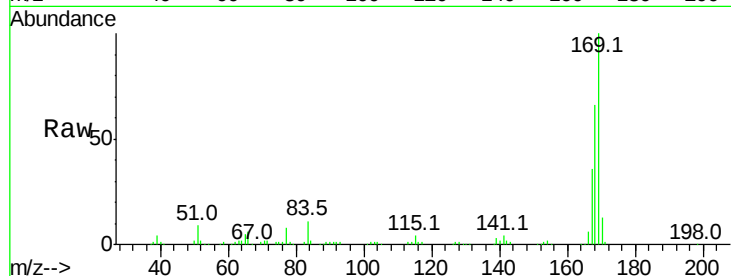




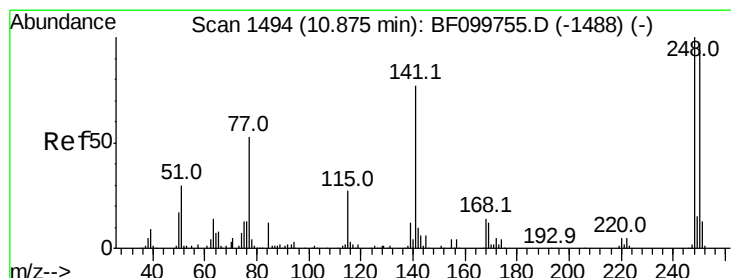
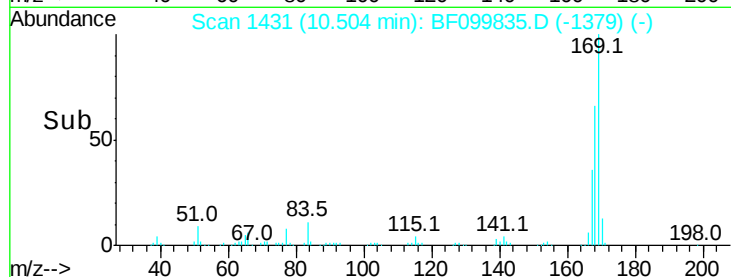
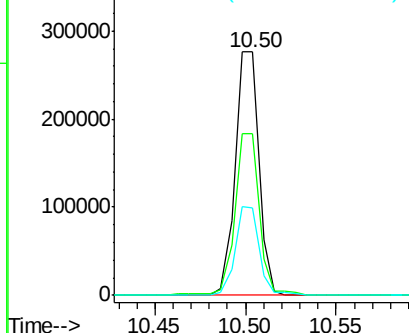
#65
 n-Nitrosodiphenylamine
 Concen: 31.386 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 252982
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.4 81.6
 167 36.2 29.8 44.6

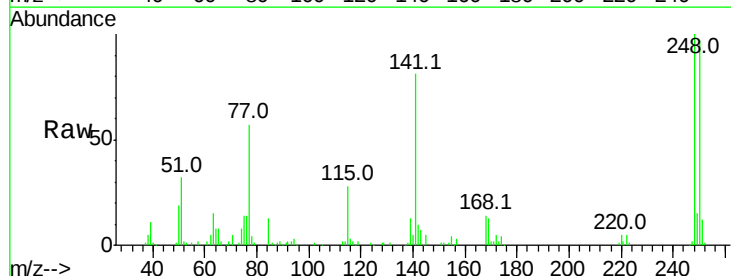


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

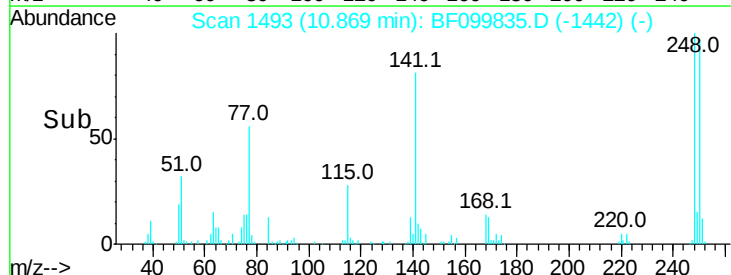
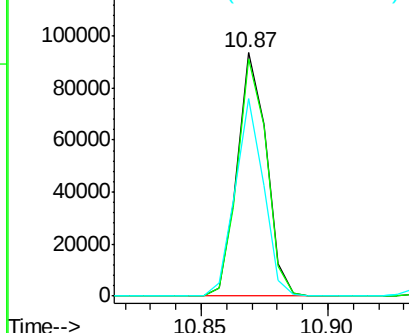


#66
 4-Bromophenyl-phenylether
 Concen: 32.643 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:248 Resp: 75038
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 80.9 74.4 111.6



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

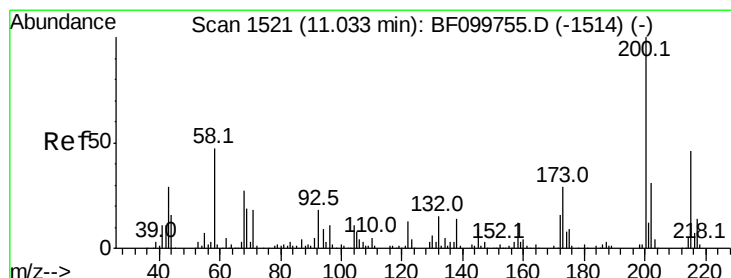
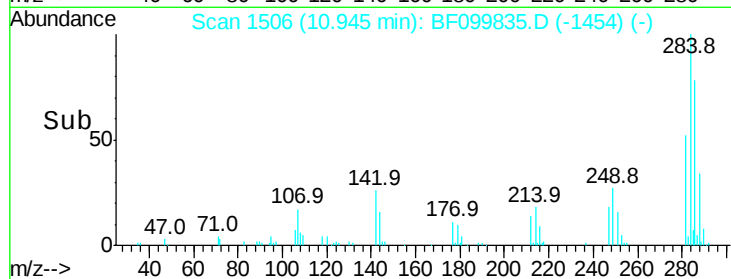
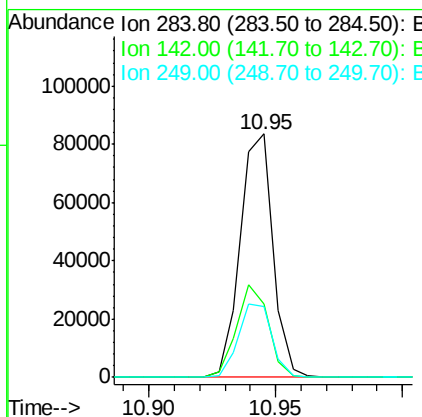
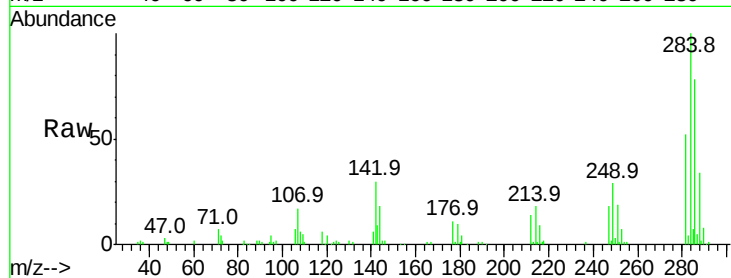




#67
Hexachlorobenzene
Concen: 31.831 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

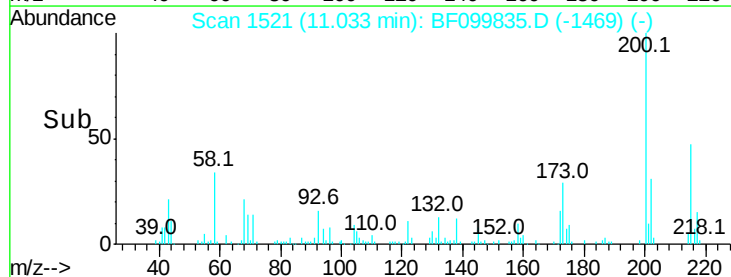
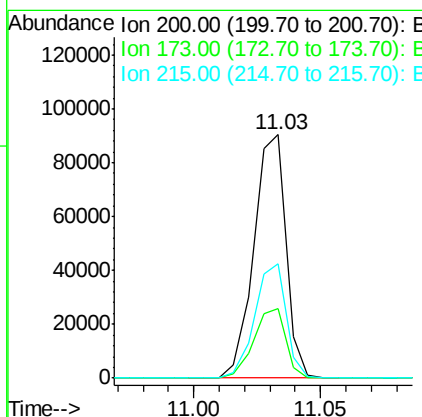
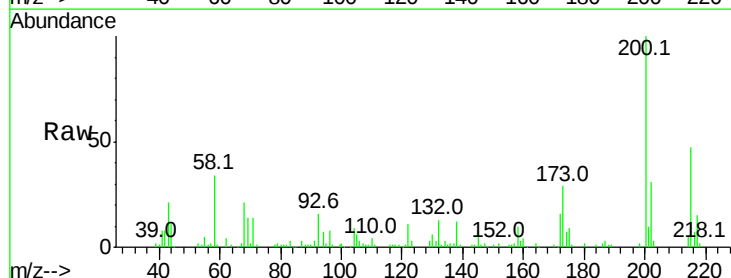
Instrument :
BNA_F
ClientSampleId :

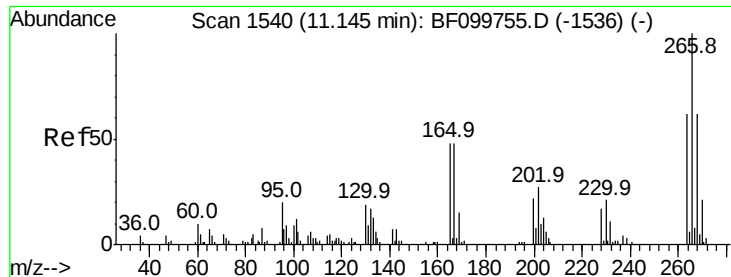
Tot Ion:284 Resp: 74858
Ion Ratio Lower Upper
284 100
142 30.4 34.6 52.0#
249 28.9 24.8 37.2



#68
Atrazine
Concen: 33.144 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:200 Resp: 80249
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 47.2 25.1 65.1

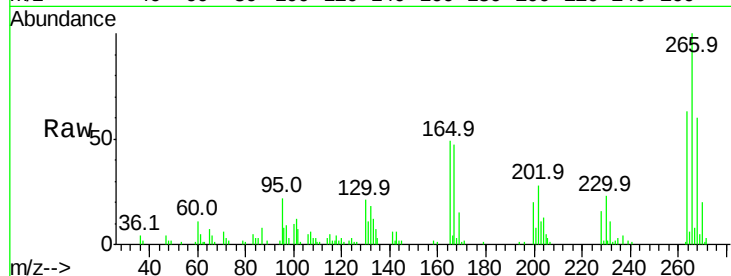




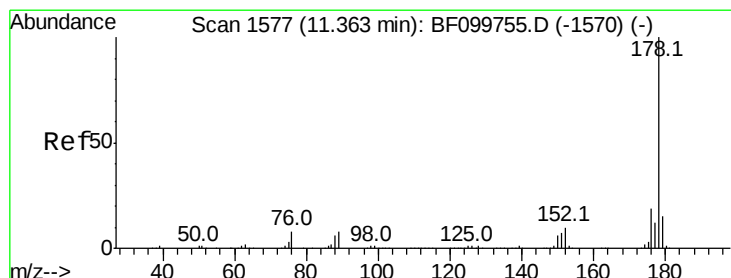
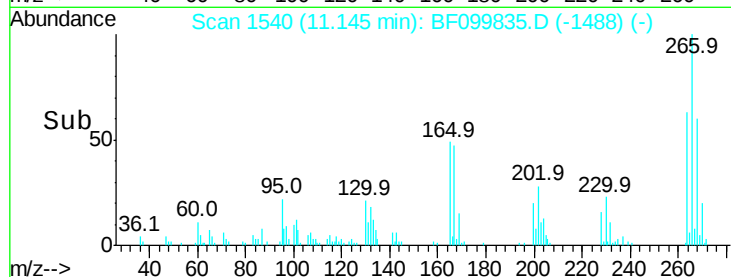
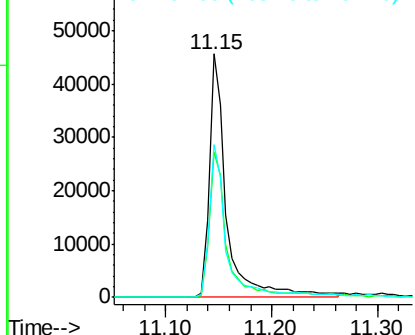
#69
 Pentachlorophenol
 Concen: 52.085 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52340
 Ion Ratio Lower Upper
 266 100
 268 59.6 51.1 76.7
 264 62.6 49.5 74.3

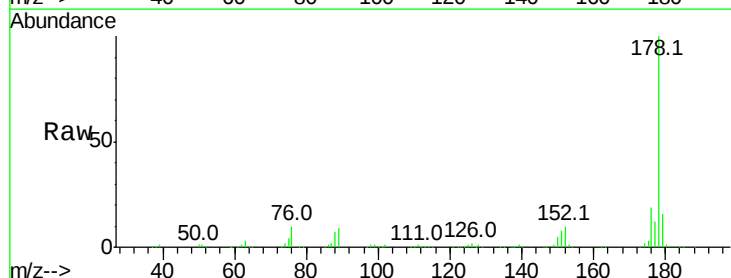


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

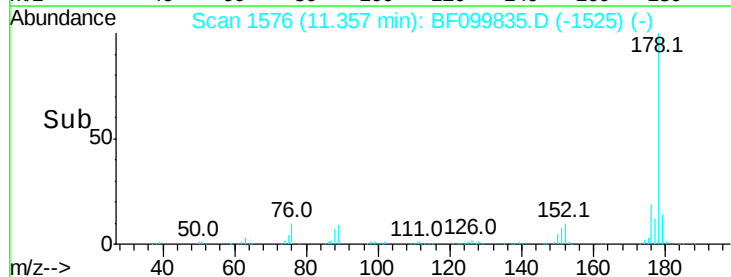
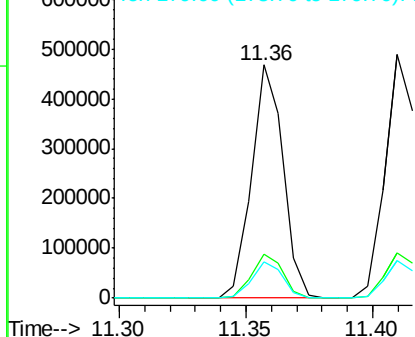


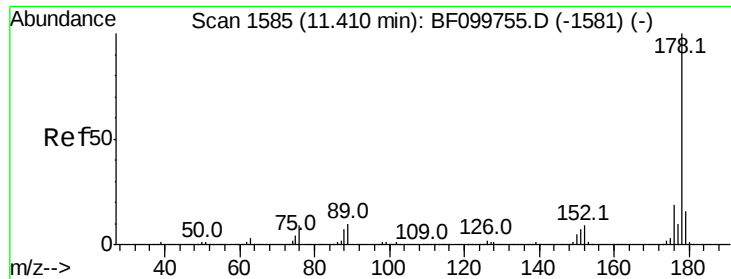
#70
 Phenanthrene
 Concen: 32.783 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:178 Resp: 403980
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 13.0 19.6



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

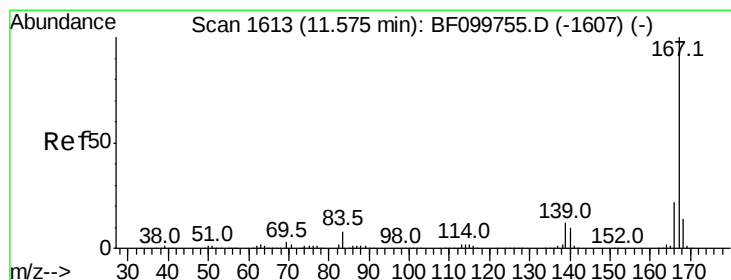
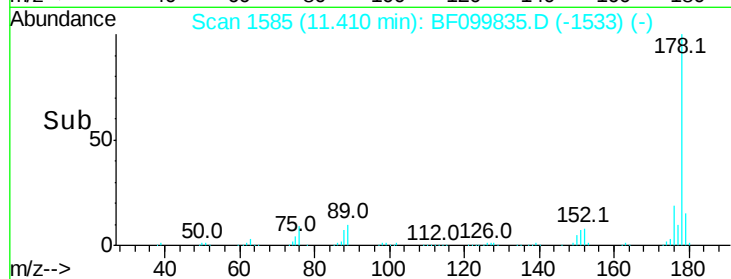
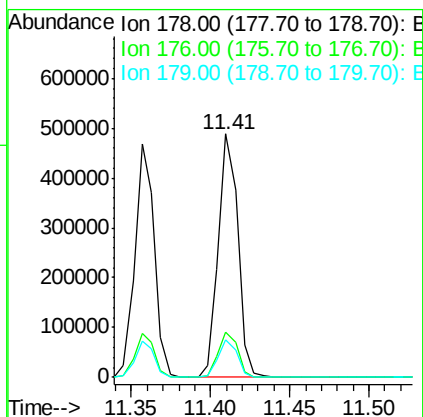
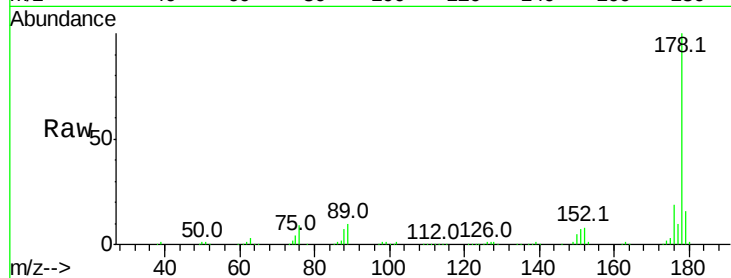




#71
 Anthracene
 Concen: 33.493 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

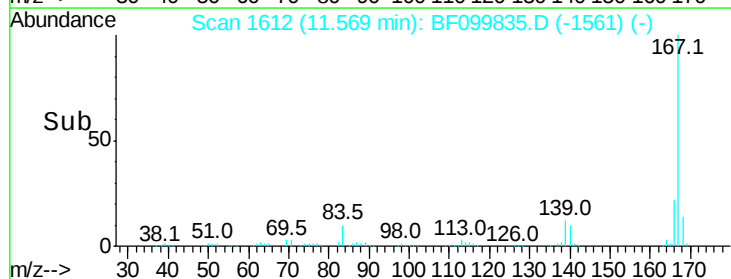
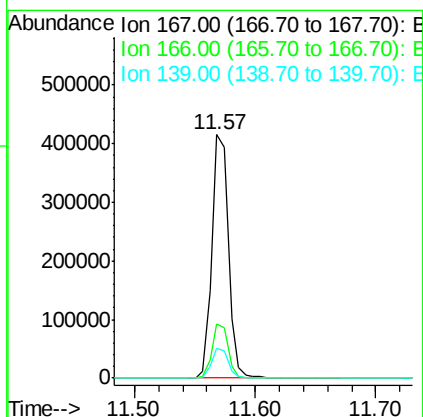
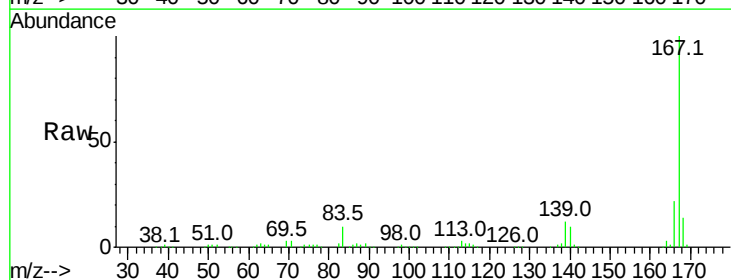
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 418946
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 33.164 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:167 Resp: 390090
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.085 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

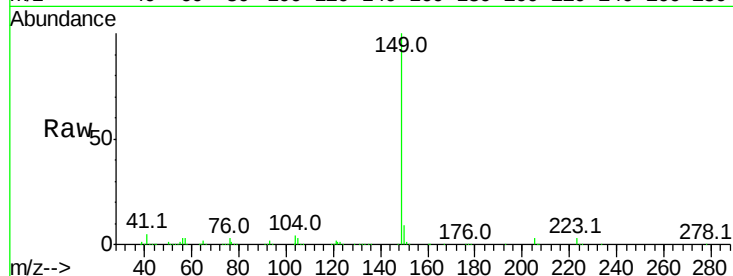
Tot Ion:149 Resp: 481367

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

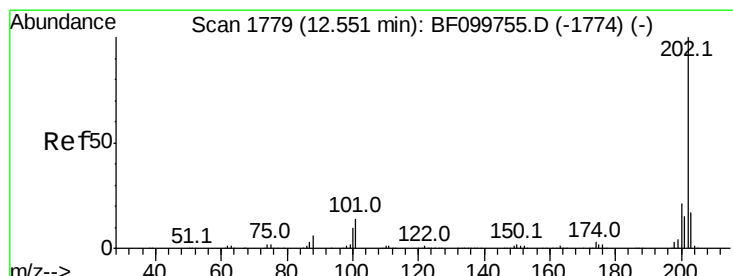
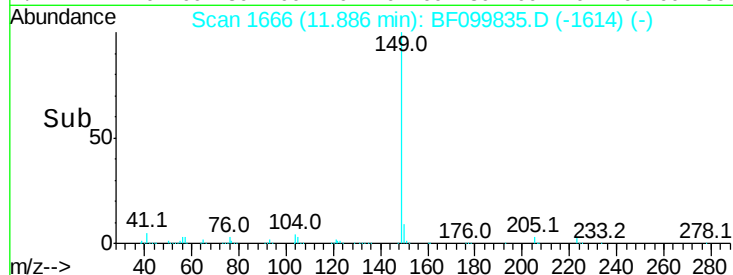
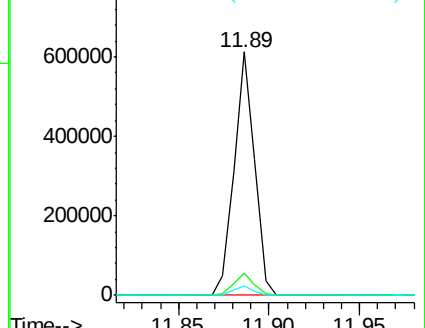
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.609 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

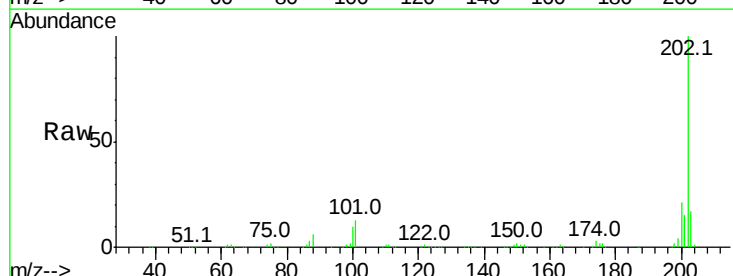
Tgt Ion:202 Resp: 417597

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

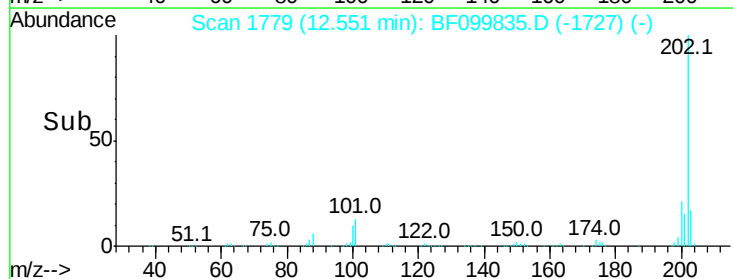
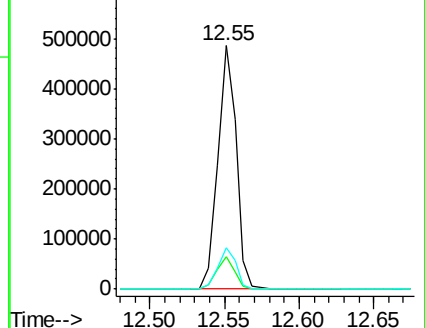
203 17.1 0.0 38.1

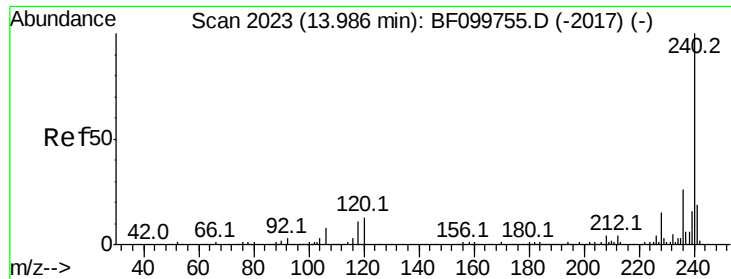


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

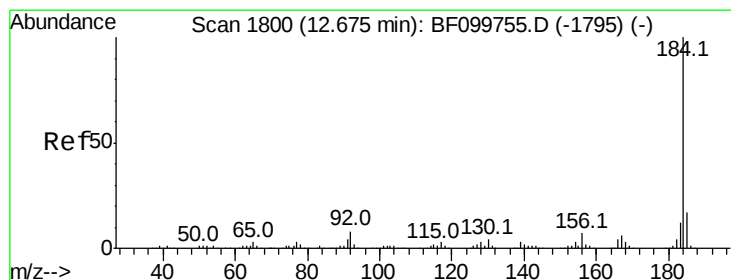
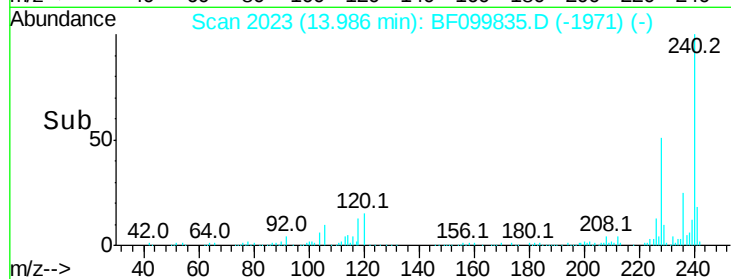
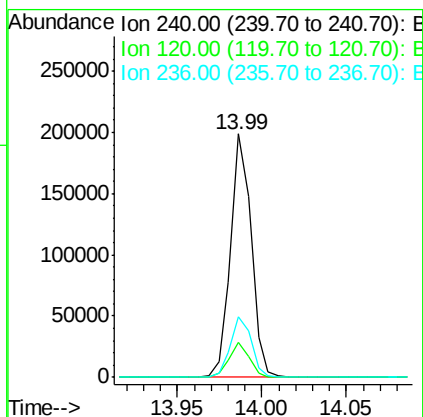
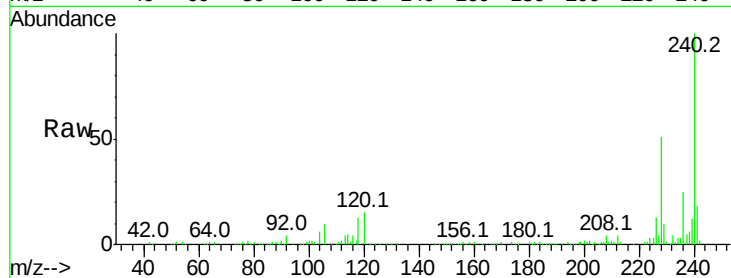




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

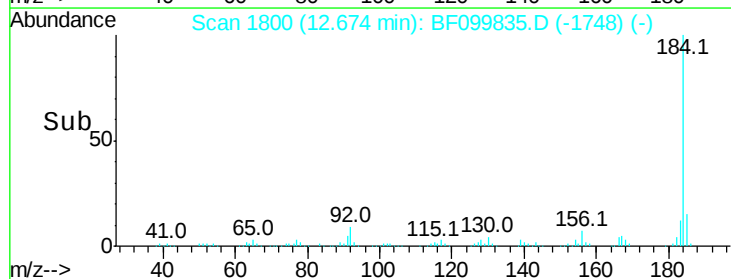
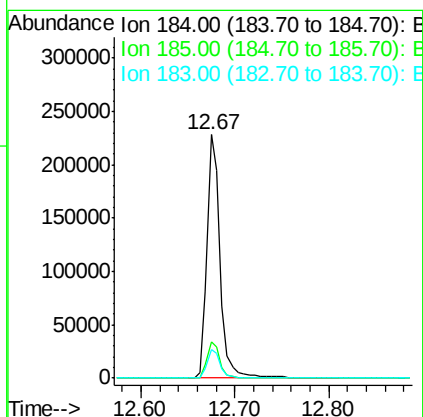
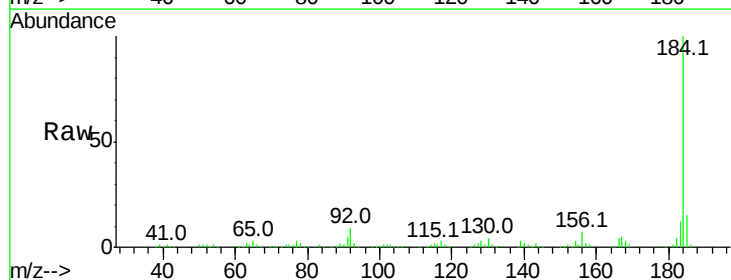
Instrument :
BNA_F
ClientSampleId :

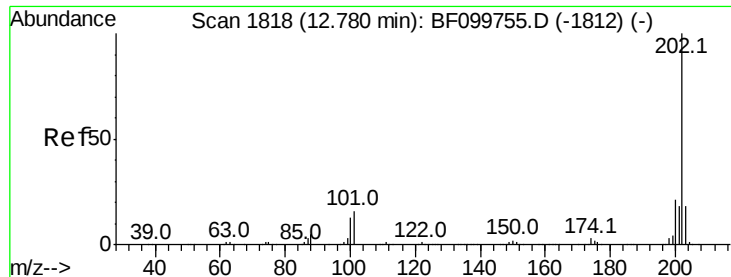
Tot Ion:240 Resp: 169055
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 24.9 20.7 31.1



#76
Benzidine
Concen: 30.346 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:184 Resp: 224483
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.9 9.3 13.9

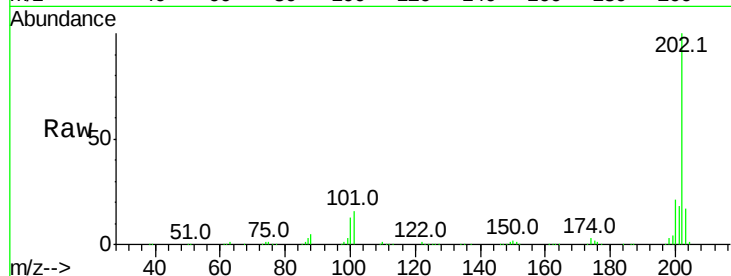




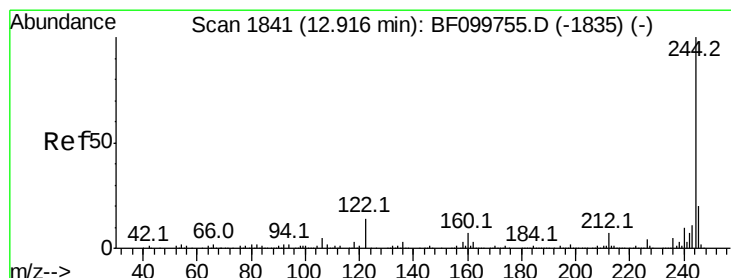
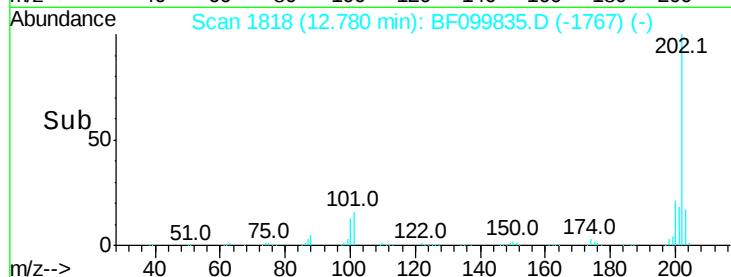
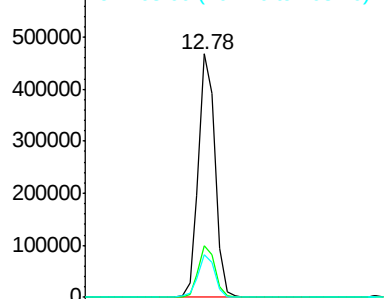
#77
 Pvrene
 Concen: 32.978 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

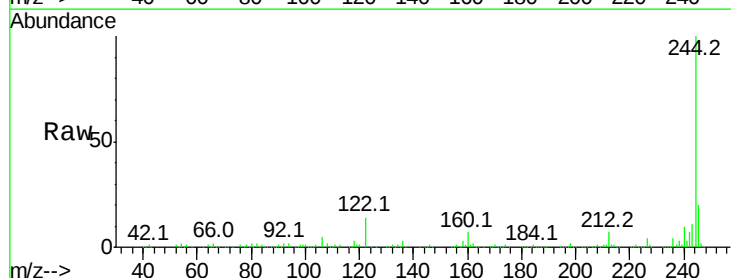


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

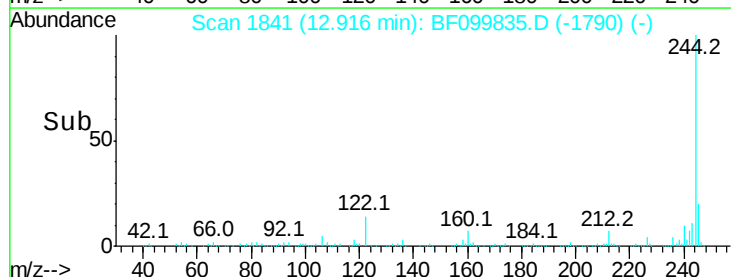
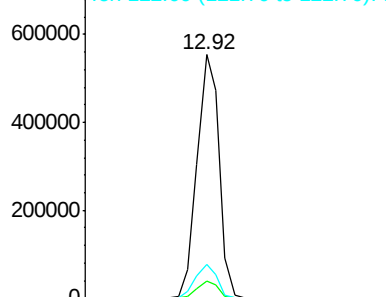


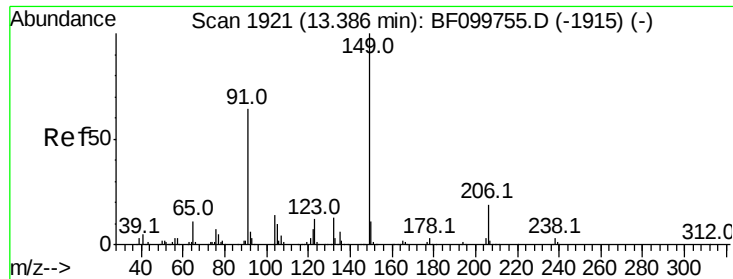
#78
 Terphenyl-d14
 Concen: 68.563 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4



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

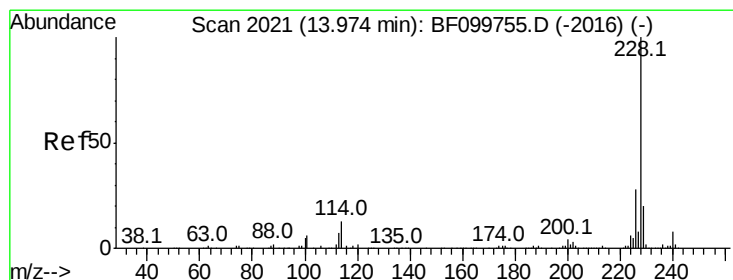
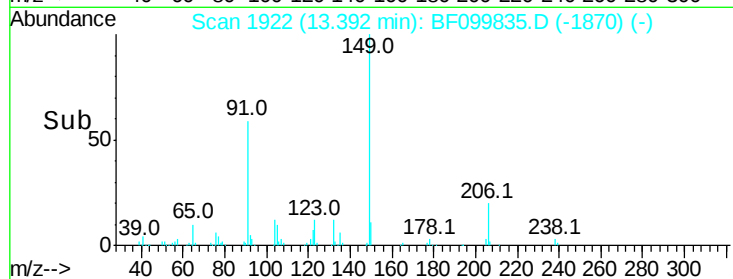
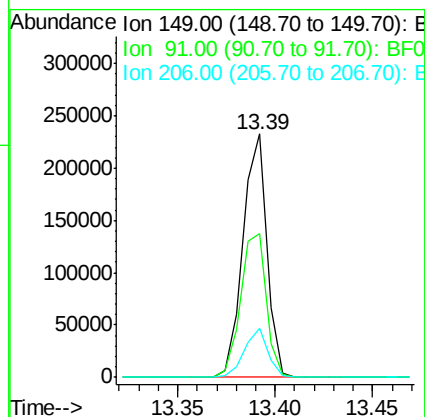
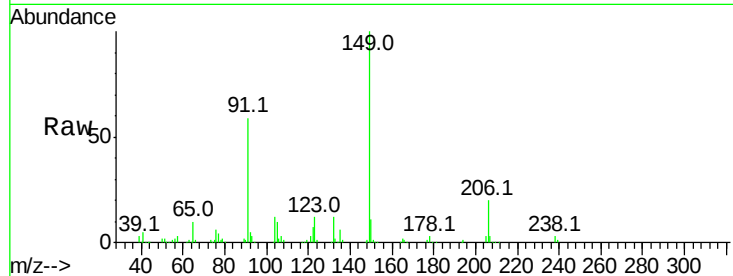




#79
Butylbenzylphthalate
Concen: 31.347 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

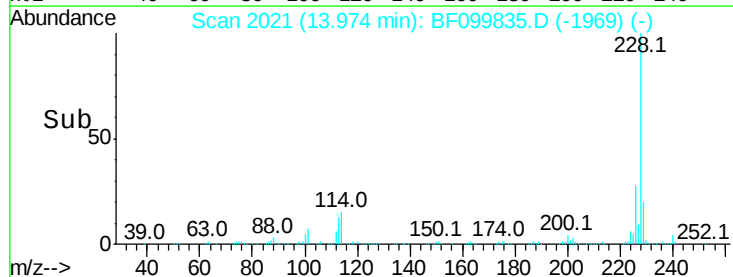
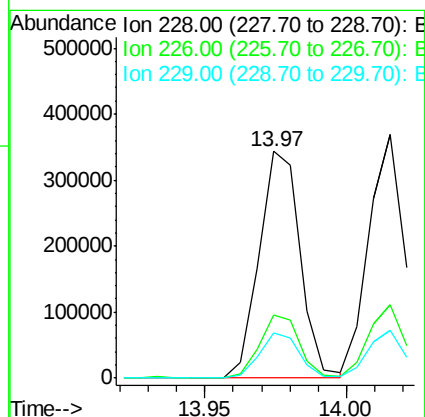
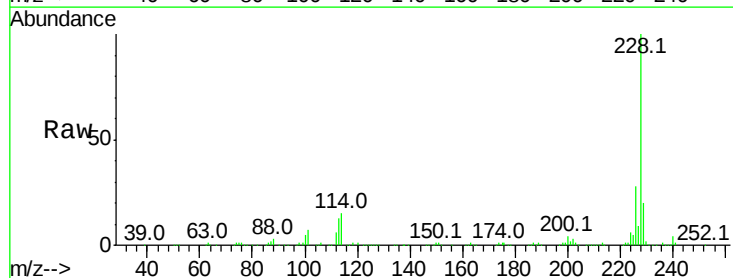
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	149	Resp:	198433
Ion Ratio	Lower	Upper	
149	100		
91	59.0	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.254 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:	228	Resp:	345666
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.1	15.8	23.6

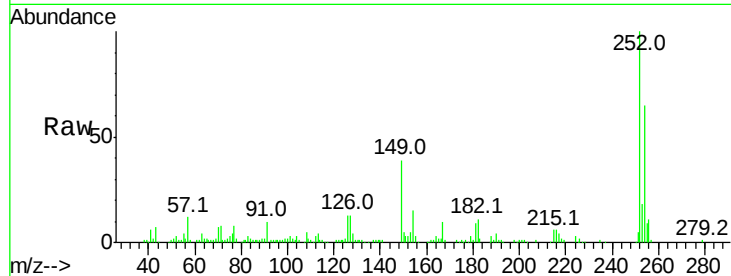




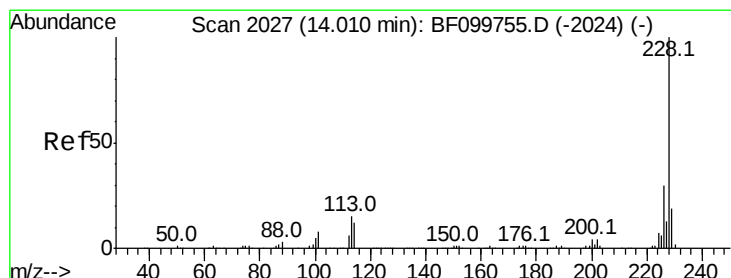
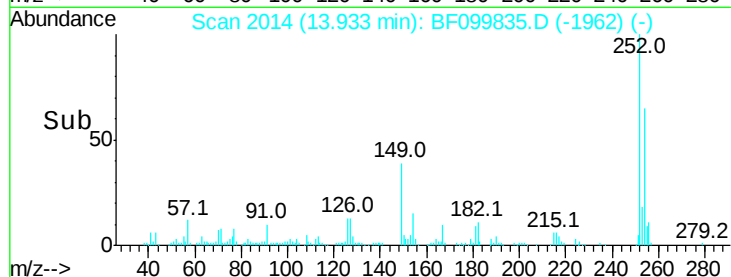
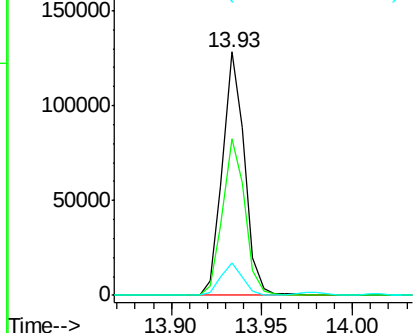
#81
 3,3'-Dichlorobenzidine
 Concen: 28.055 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	13.2	11.3	16.9

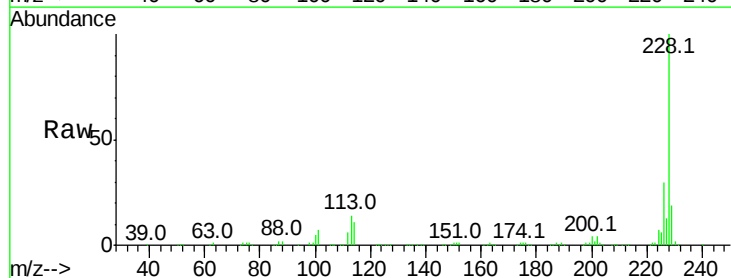


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

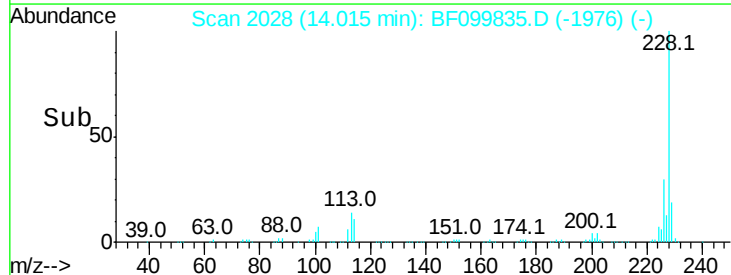
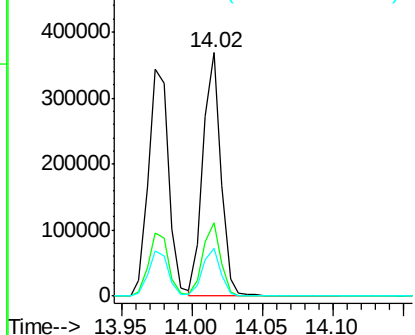


#82
 Chrysene
 Concen: 32.416 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.5	16.2	24.4



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

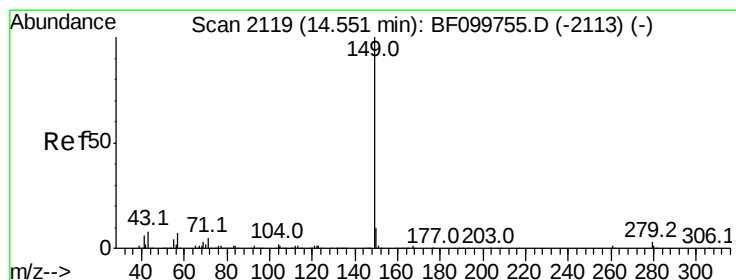
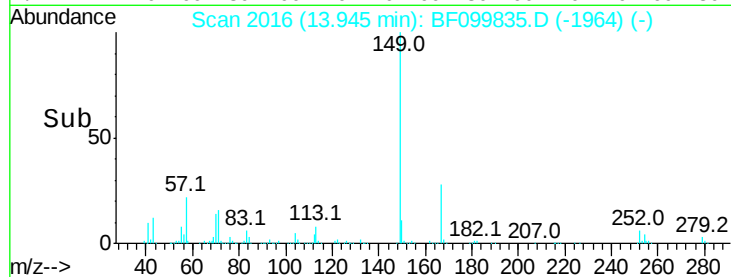
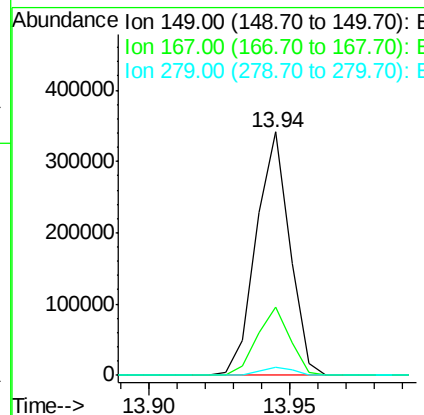
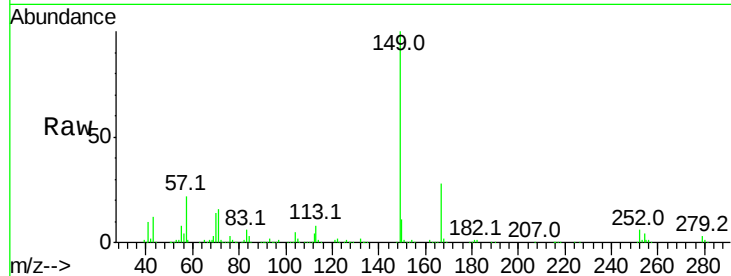




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.754 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

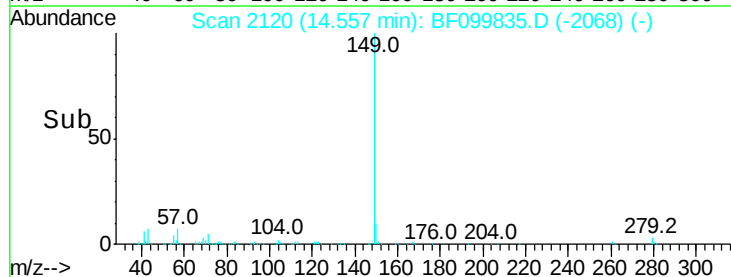
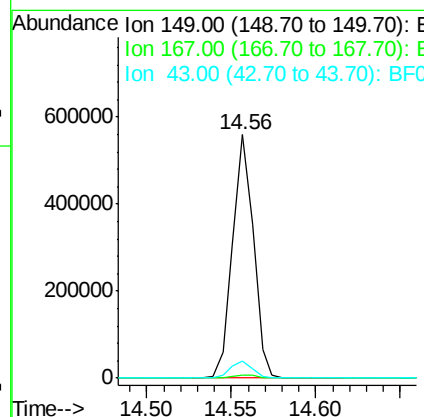
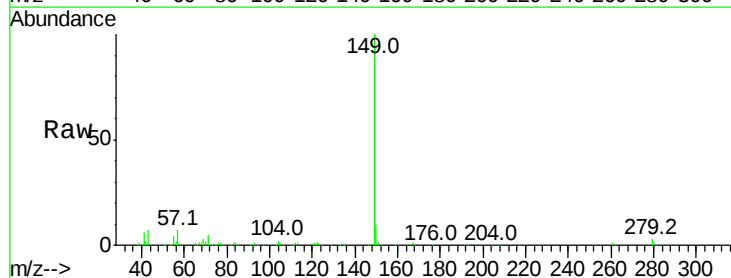
Instrument :
 BNA_F
 ClientSampleId :

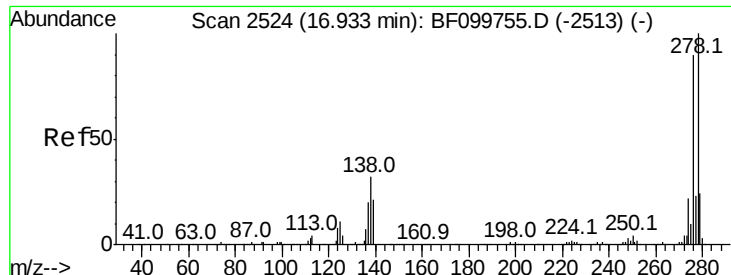
Tot Ion:149 Resp: 282277
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 31.443 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion:149 Resp: 479741
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 8.4 12.6#

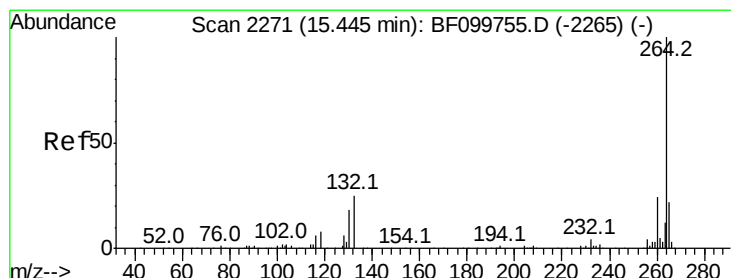
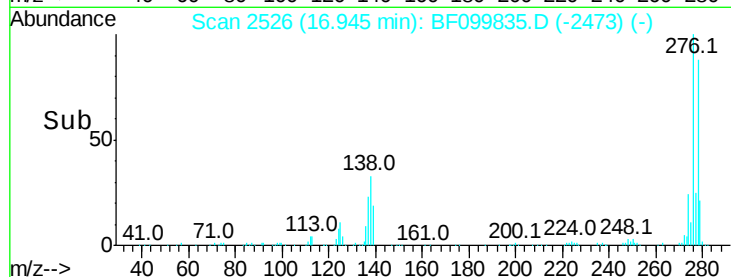
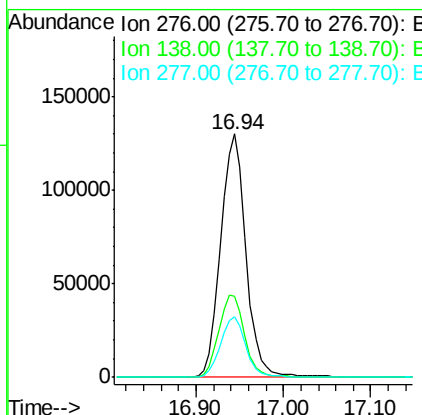
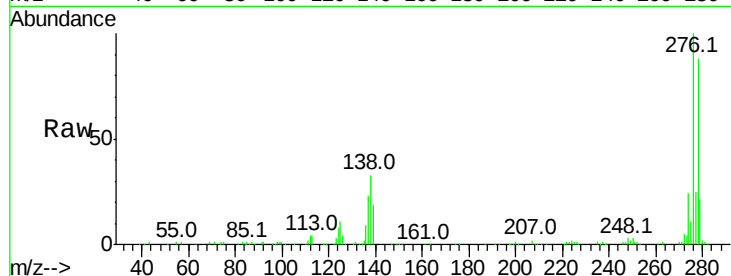




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.154 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

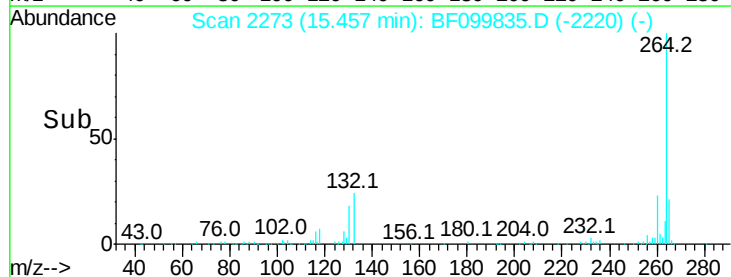
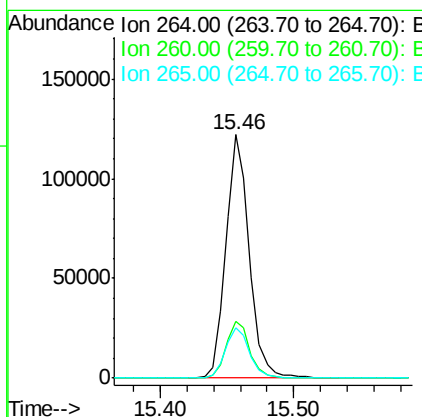
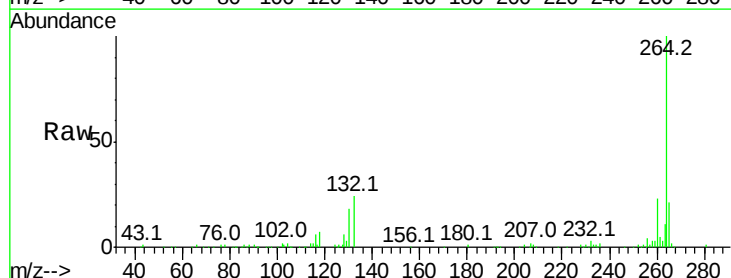
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3

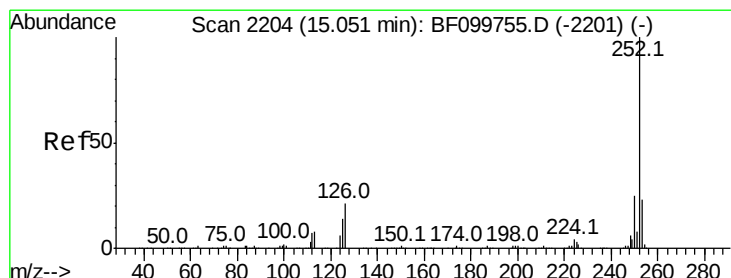
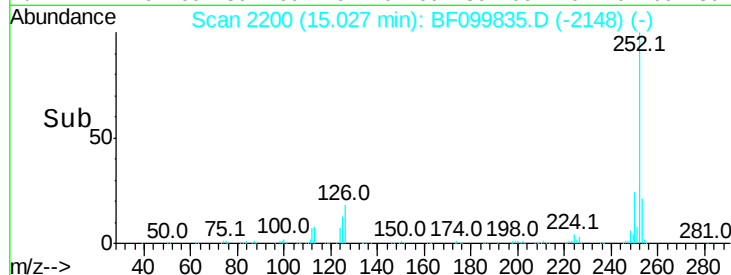
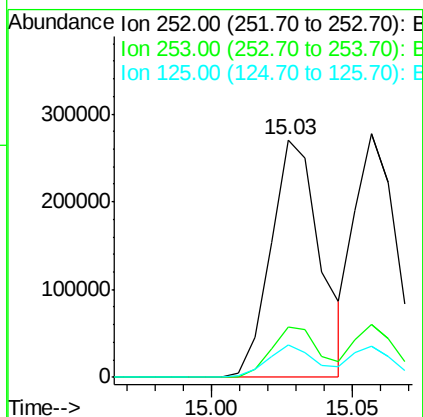
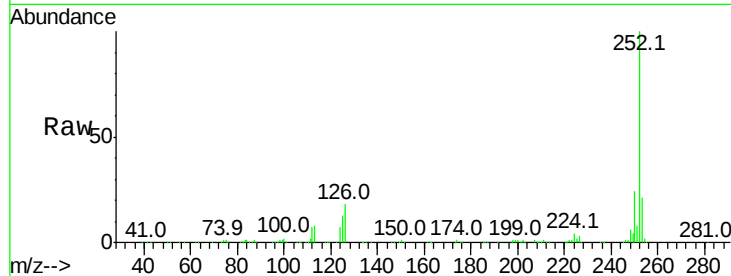




#87
Benzo(b)fluoranthene
Concen: 34.591 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

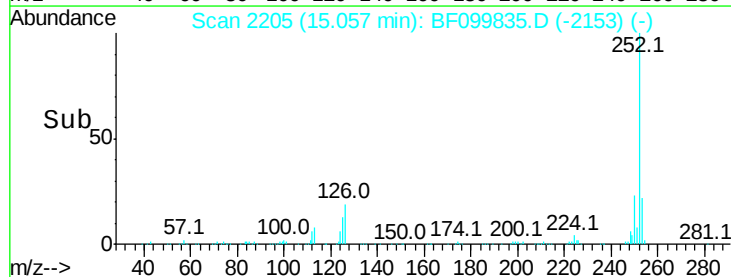
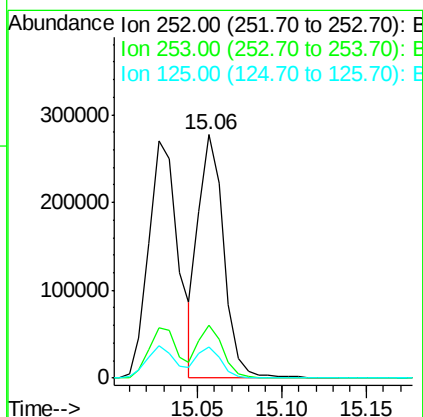
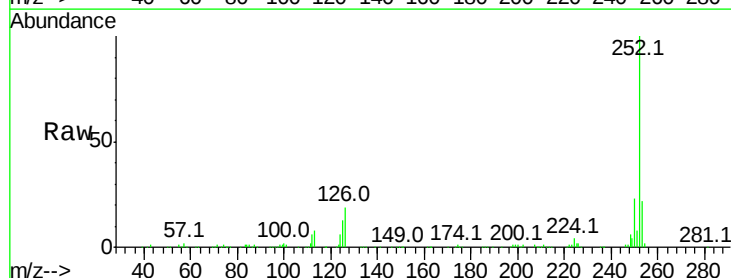
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 328414
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.054 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099835.D
Acq: 26 Oct 2017 2:26

Tgt Ion:252 Resp: 286969
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 34.060 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

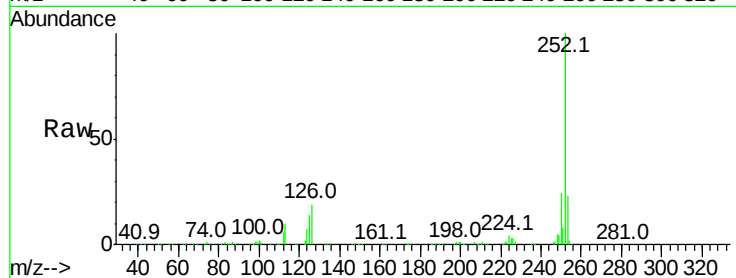
Tot Ion:252 Resp: 290477

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

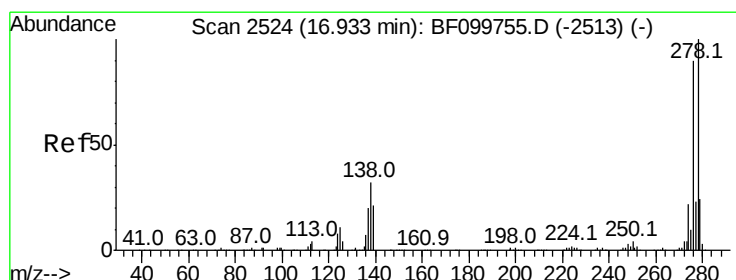
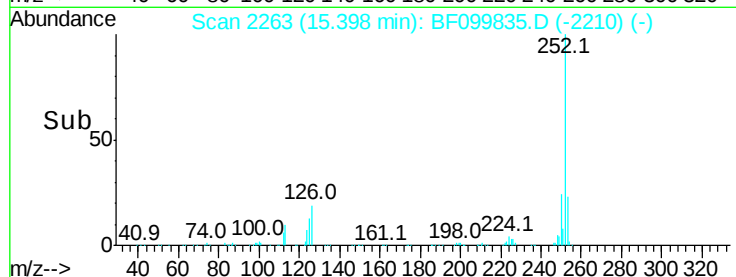
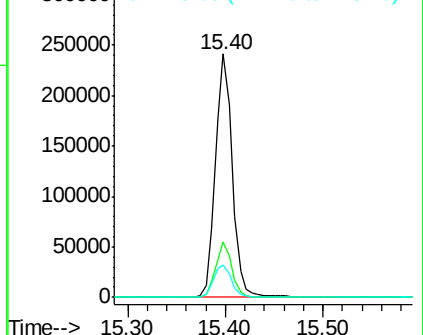
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.738 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099835.D

Acq: 26 Oct 2017 2:26

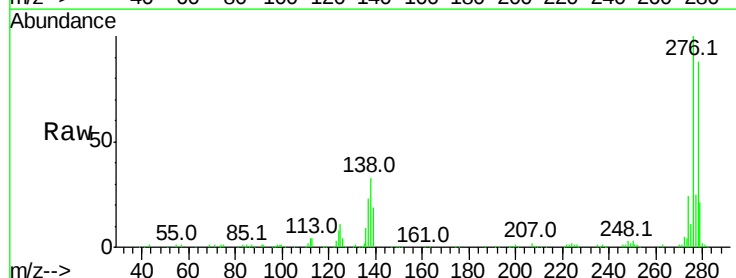
Tgt Ion:278 Resp: 225358

Ion Ratio Lower Upper

278 100

139 21.0 15.9 23.9

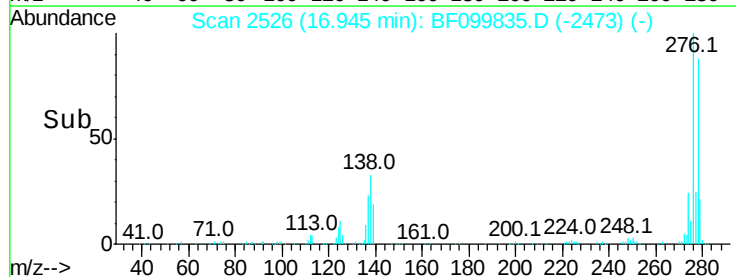
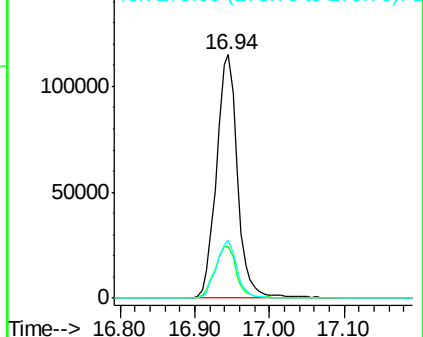
279 23.8 19.0 28.4

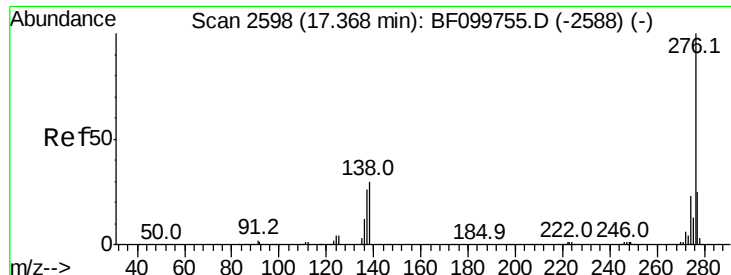


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

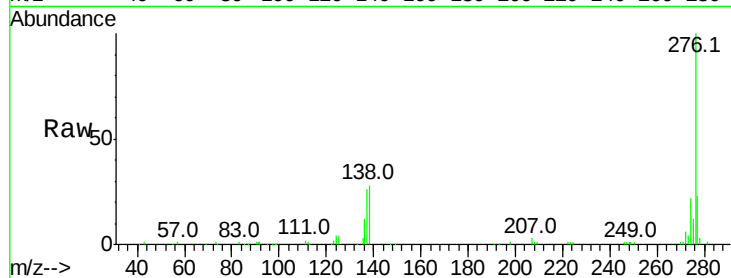




#91
 Benzo(a,h,i)perylene
 Concen: 27.594 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.01 min
 Lab File: BF099835.D
 Acq: 26 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	28.4	21.8	32.8



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

