

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099888.D
 Acq On : 27 Oct 2017 21:23
 Operator : SJ/JU
 Sample : PB103670BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 22:55:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117417	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	490272	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239058	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	431226	20.00	ng	0.00
75) Chrysene-d12	13.99	240	284498	20.00	ng	0.00
86) Perylene-d12	15.46	264	225022	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	564540	75.48	ng	0.01
7) Phenol-d6	6.45	99	672653	75.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	385998	50.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	163662	75.12	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	831168	53.64	ng	0.00
78) Terphenyl-d14	12.92	244	746123	57.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	73064	22.12	ng	# 89
3) Pyridine	3.37	79	169475	21.34	ng	# 87
4) n-Nitrosodimethylamine	3.31	42	64823	22.85	ng	# 71
6) Aniline	6.47	93	132499	11.52	ng	# 91
8) 2-Chlorophenol	6.59	128	207003	25.97	ng	# 91
9) Benzaldehyde	6.35	77	100415	18.95	ng	# 90
10) Phenol	6.46	94	243066	24.96	ng	# 96
11) bis(2-Chloroethyl)ether	6.53	93	186932	24.86	ng	# 92
12) 1,3-Dichlorobenzene	6.81	146	222742	24.89	ng	# 96
13) 1,4-Dichlorobenzene	6.81	146	222742	24.52	ng	# 99
14) 1,2-Dichlorobenzene	6.96	146	204592	24.71	ng	# 95
15) Benzyl Alcohol	6.95	79	143991	25.53	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	231978	27.77	ng	# 12
17) 2-Methylphenol	7.06	107	164809	24.72	ng	# 92
18) Hexachloroethane	7.30	117	72558	23.94	ng	# 93
19) n-Nitroso-di-n-propylamine	7.21	70	127362	24.51	ng	# 90
20) 3+4-Methylphenols	7.22	107	217818	28.06	ng	# 81
22) Acetophenone	7.21	105	267590	23.97	ng	# 95
24) Nitrobenzene	7.39	77	189937	24.75	ng	# 87
25) Isophorone	7.62	82	361908	26.19	ng	# 96
26) 2-Nitrophenol	7.70	139	116518	26.51	ng	# 88
27) 2,4-Dimethylphenol	7.74	122	185926	28.71	ng	# 92
28) bis(2-Chloroethoxy)methane	7.83	93	241078	24.91	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	181495	26.98	ng	# 98
30) 1,2,4-Trichlorobenzene	8.02	180	180277	25.08	ng	# 99
31) Naphthalene	8.10	128	590645	24.96	ng	# 99
32) Benzoic acid	7.89	122	101676	17.84	ng	# 91
33) 4-Chloroaniline	8.16	127	70841	7.25	ng	# 94
34) Hexachlorobutadiene	8.20	225	88147	23.84	ng	# 97
35) Caprolactam	8.55	113	40938	19.35	ng	# 75
36) 4-Chloro-3-methylphenol	8.66	107	179269	26.11	ng	# 90
37) 2-Methylnaphthalene	8.79	142	422759	26.66	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	170454	22.08	ng	# 98
40) Hexachlorocyclopentadiene	8.94	237	54893	44.05	ng	# 99

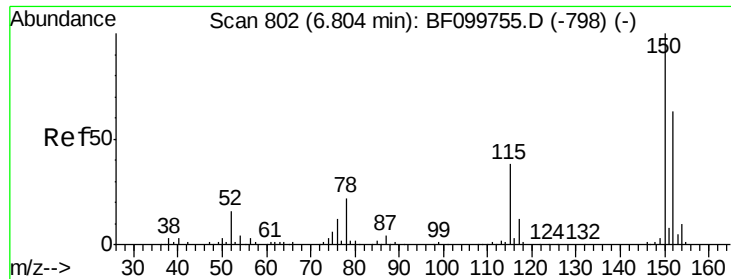
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099888.D
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 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	117387	25.13	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	119620	24.14	nq	# 94
45) 1,1'-Biphenyl	9.26	154	497147	22.99	nq	98
46) 2-Chloronaphthalene	9.29	162	382794	24.37	nq	95
47) 2-Nitroaniline	9.40	65	100140	24.29	nq	# 80
48) Acenaphthylene	9.70	152	581590	24.04	nq	99
49) Dimethylphthalate	9.56	163	446278	23.57	nq	99
50) 2,6-Dinitrotoluene	9.64	165	99728	25.06	nq	# 78
51) Acenaphthene	9.87	154	348894	23.60	nq	99
52) 3-Nitroaniline	9.81	138	54984	11.73	nq	92
53) 2,4-Dinitrophenol	9.94	184	51059	35.92	nq	# 79
54) Dibenzofuran	10.05	168	521437	24.99	nq	99
55) 4-Nitrophenol	10.00	139	97668	39.86	nq	# 79
56) 2,4-Dinitrotoluene	10.05	165	128261	26.76	nq	93
57) Fluorene	10.39	166	427650	24.76	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92864	26.72	nq	# 91
59) Diethylphthalate	10.26	149	445480	24.10	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	195583	24.06	nq	91
61) 4-Nitroaniline	10.44	138	99648	22.27	nq	81
62) Azobenzene	10.54	77	379703	24.50	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	50491	18.63	nq	# 75
65) n-Nitrosodiphenylamine	10.50	169	377569	23.72	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	113549	25.01	nq	94
67) Hexachlorobenzene	10.95	284	115359	24.84	nq	# 87
68) Atrazine	11.03	200	118321	24.74	nq	99
69) Pentachlorophenol	11.15	266	81372	41.00	nq	99
70) Phenanthrene	11.36	178	597442	24.55	nq	99
71) Anthracene	11.41	178	625847	25.34	nq	99
72) Carbazole	11.57	167	565686	24.35	nq	99
73) Di-n-butylphthalate	11.89	149	719653	24.29	nq	98
74) Fluoranthene	12.55	202	614526	24.30	nq	99
76) Benzidine	12.67	184	173925	13.97	nq	98
77) Pyrene	12.79	202	619294	28.63	nq	99
79) Butylbenzylphthalate	13.39	149	275044	25.82	nq	94
80) Benzo(a)anthracene	13.98	228	440994	24.45	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	82440	12.59	nq	99
82) Chrysene	14.02	228	415526	24.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	373174	24.95	nq	98
84) Di-n-octyl phthalate	14.56	149	537052	20.92	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.95	276	363706	23.37	nq	97
87) Benzo(b)fluoranthene	15.03	252	342486	24.10	nq	98
88) Benzo(k)fluoranthene	15.06	252	318917	23.80	nq	99
89) Benzo(a)pyrene	15.40	252	317170	24.85	nq	97
90) Dibenzo(a,h)anthracene	16.95	278	304920	26.89	nq	98
91) Benzo(g,h,i)perylene	17.40	276	318832	28.73	nq	98

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

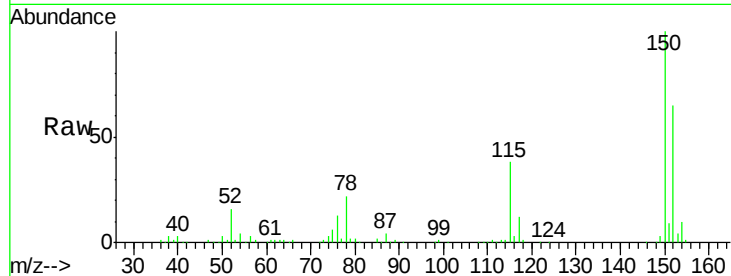


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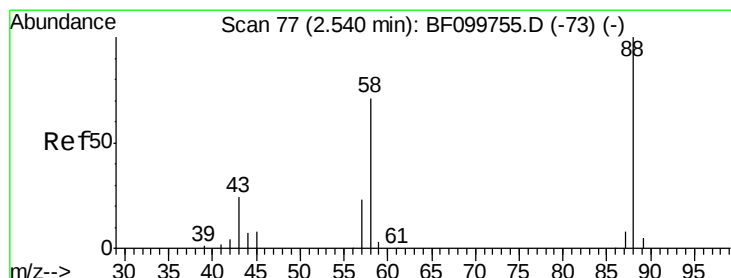
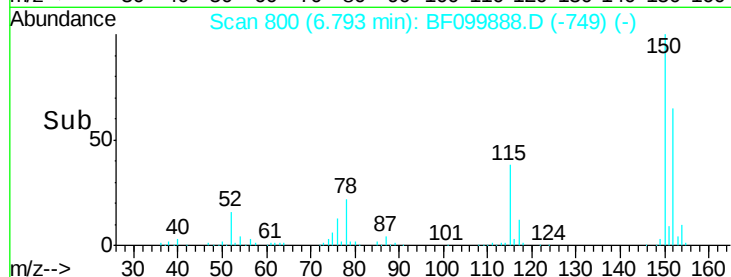
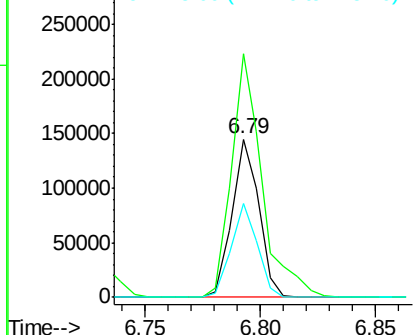
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117417
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.2 50.1 75.1



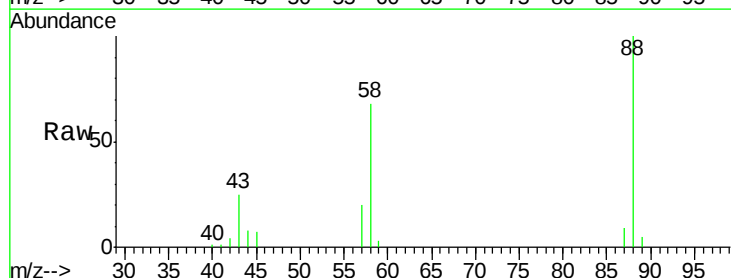
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



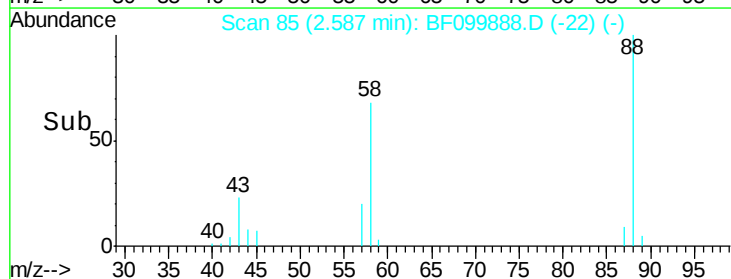
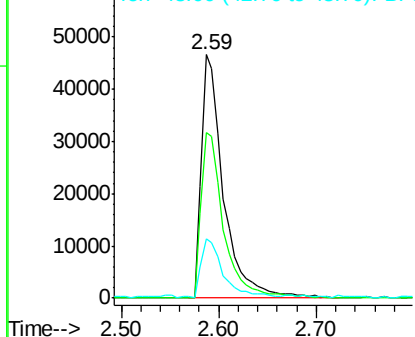
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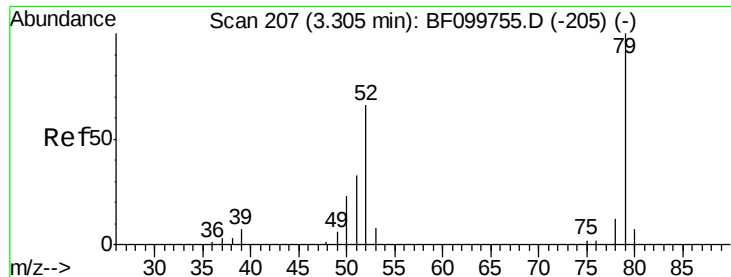
1,4-Dioxane
Concen: 22.12 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion: 88 Resp: 73064
Ion Ratio Lower Upper
88 100
58 69.5 62.6 93.8
43 23.6 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

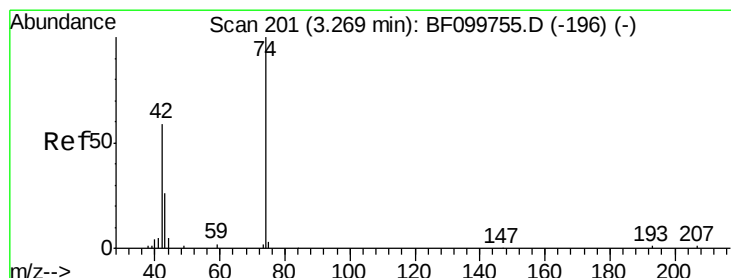
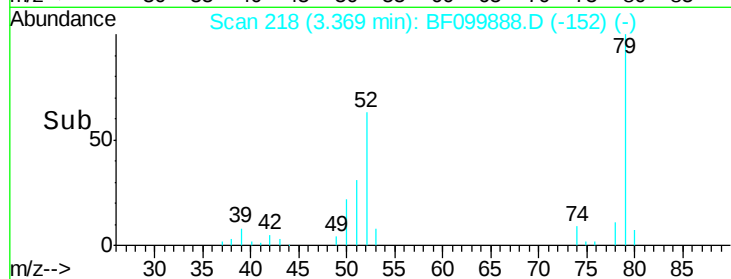
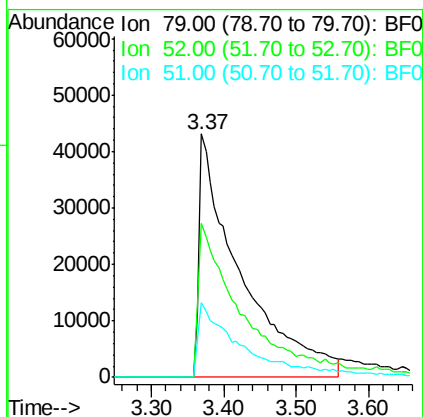
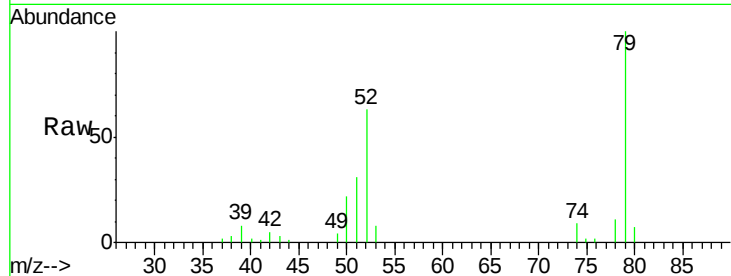




#3
 Pvridine
 Concen: 21.34 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.09 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

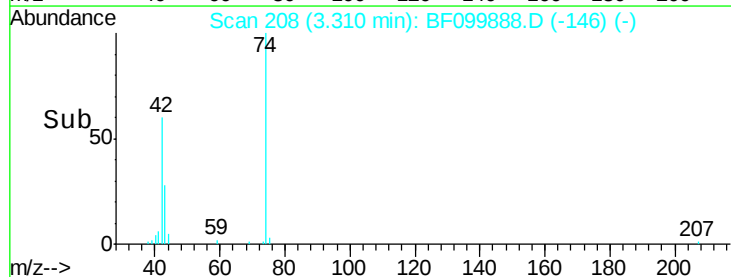
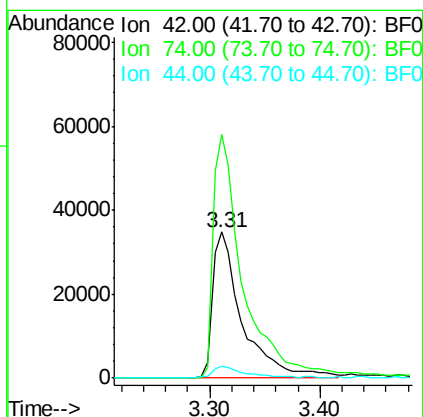
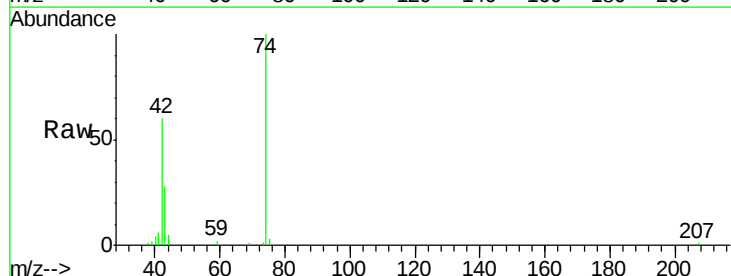
Instrument :
 BNA_F
 ClientSampleId :

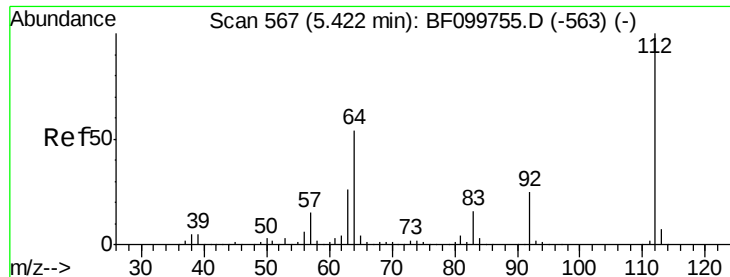
Tot Ion: 79 Resp: 169475
 Ion Ratio Lower Upper
 79 100
 52 63.4 59.8 89.6
 51 30.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 22.85 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.06 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion: 42 Resp: 64823
 Ion Ratio Lower Upper
 42 100
 74 166.8 104.9 157.3#
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 75.48 ng

RT: 5.43 min Scan# 568

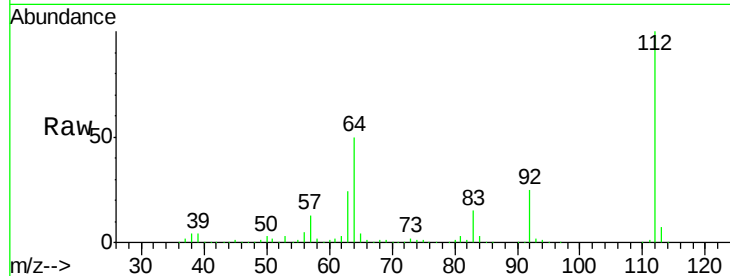
Delta R.T. 0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :
BNA_F
ClientSampled :

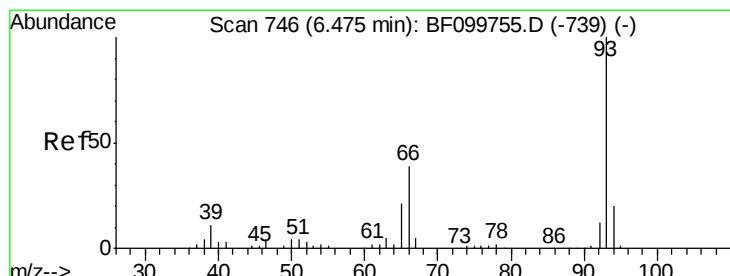
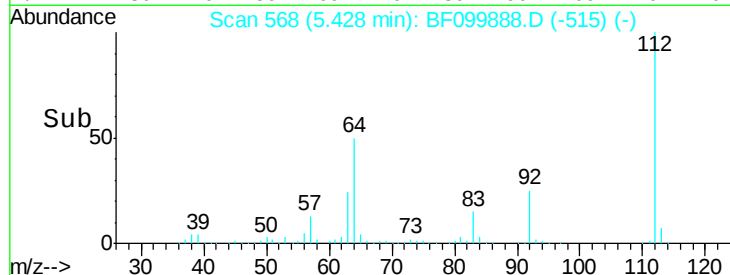
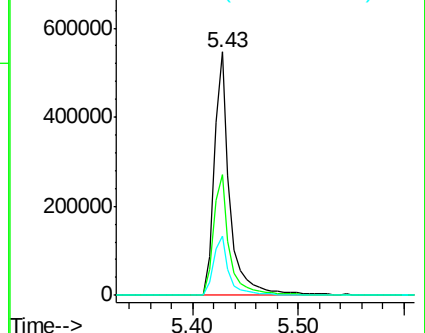
Tot Ion:	112	Resp:	564540
Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	24.2	23.7	35.5



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



#6

Aniline

Concen: 11.52 ng

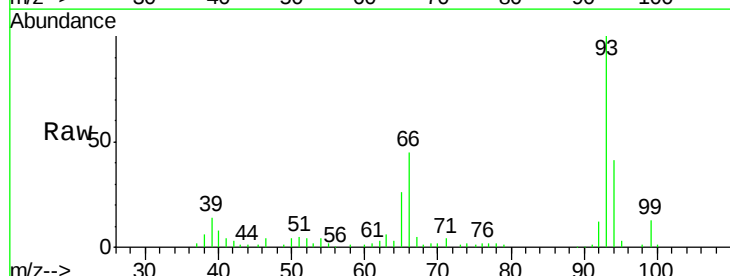
RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

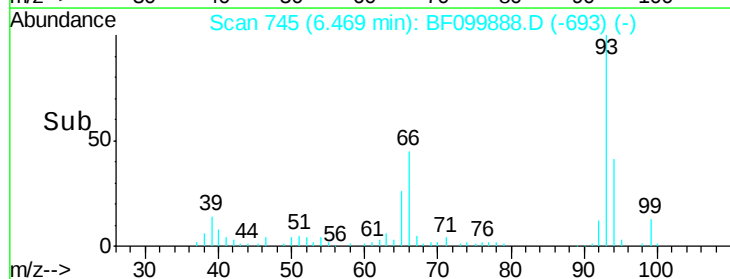
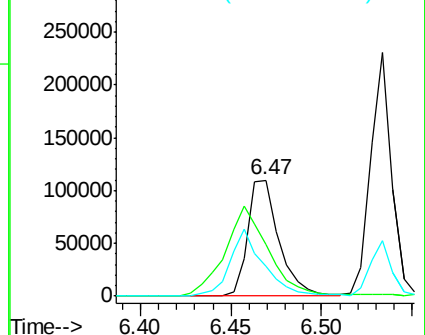
Tgt Ion:	93	Resp:	132499
Ion	Ratio	Lower	Upper
93	100		
66	44.9	32.2	48.2
65	26.3	16.4	24.6

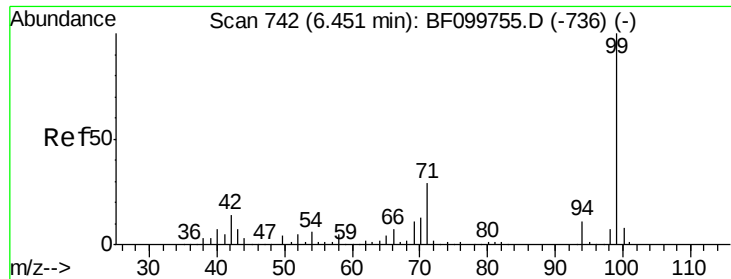


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.85 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

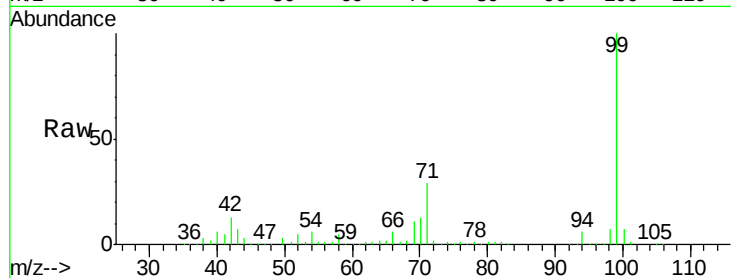
Tot Ion: 99 Resp: 672653

Ion Ratio Lower Upper

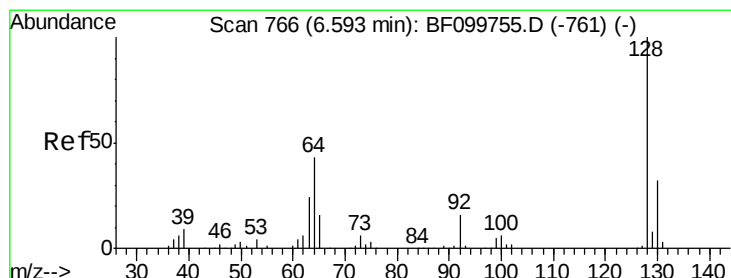
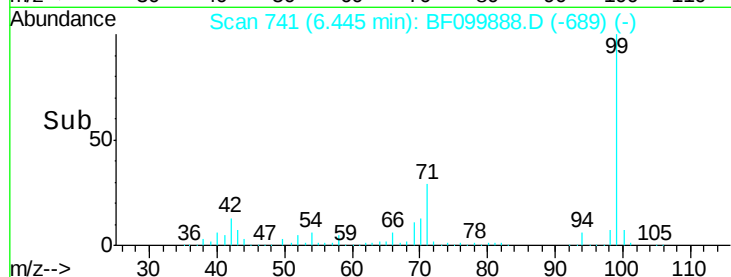
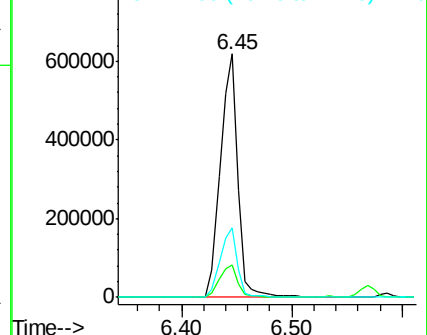
99 100

42 13.2 14.5 21.7#

71 28.5 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: 25.97 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

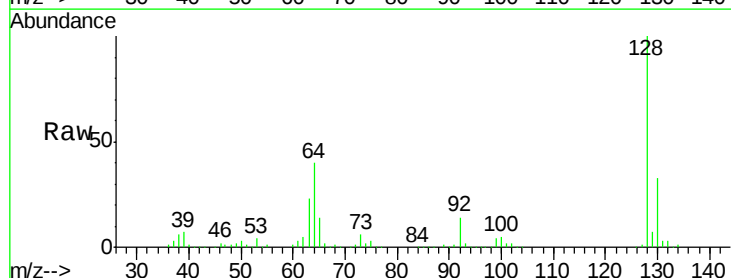
Tgt Ion: 128 Resp: 207003

Ion Ratio Lower Upper

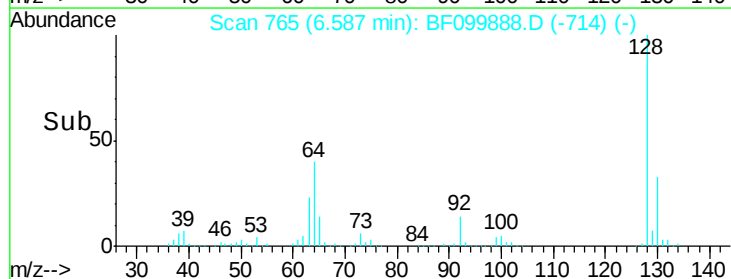
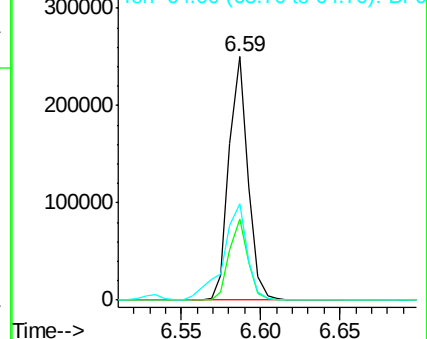
128 100

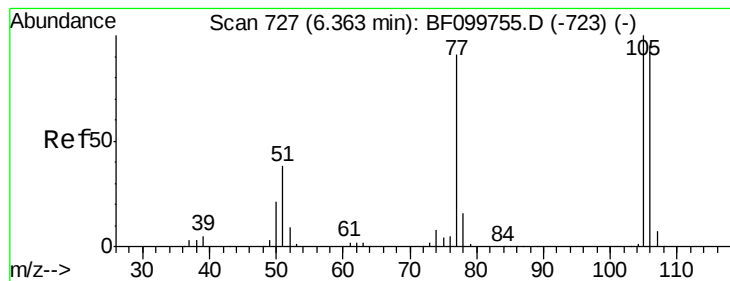
130 33.5 13.0 53.0

64 39.8 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: 18.95 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

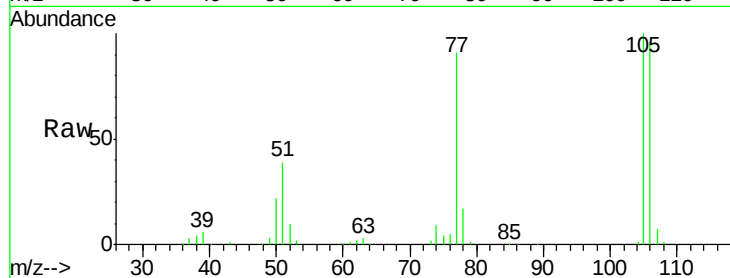
Tot Ion: 77 Resp: 100415

Ion Ratio Lower Upper

77 100

105 109.6 81.1 121.1

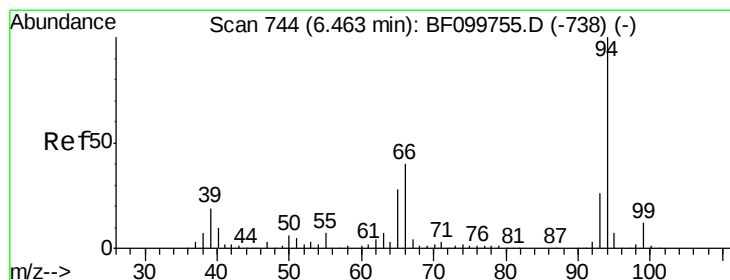
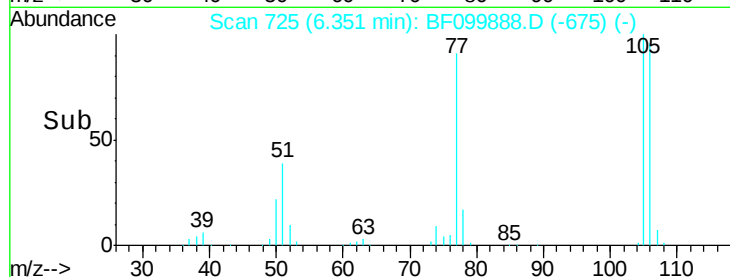
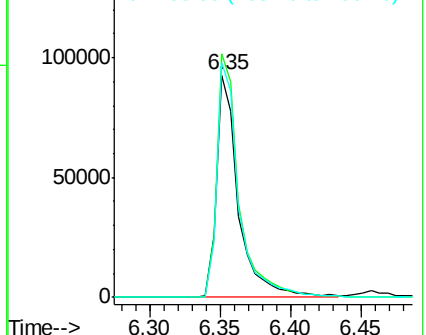
106 105.5 74.5 114.5



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: 24.96 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

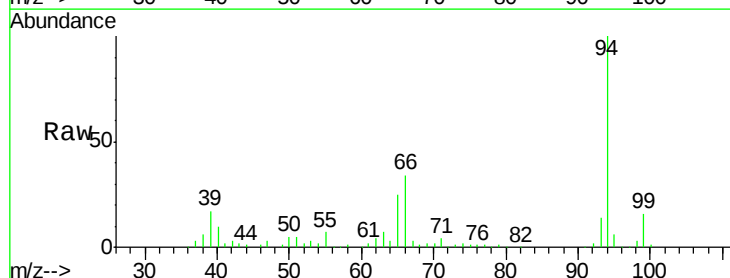
Tgt Ion: 94 Resp: 243066

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

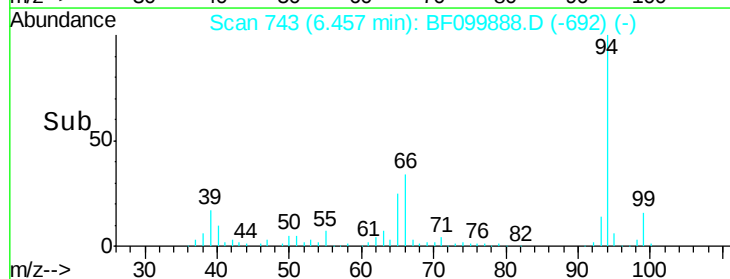
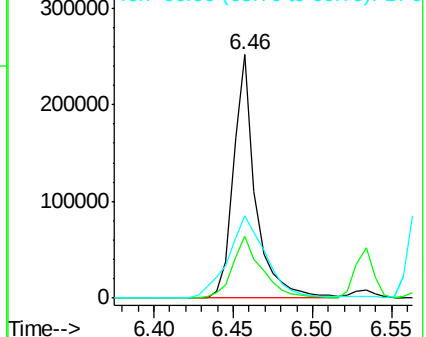
66 33.9 16.2 56.2

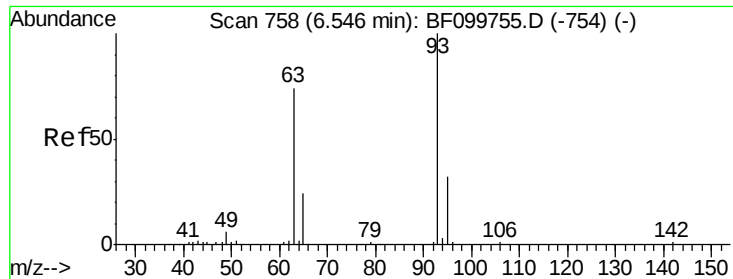


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

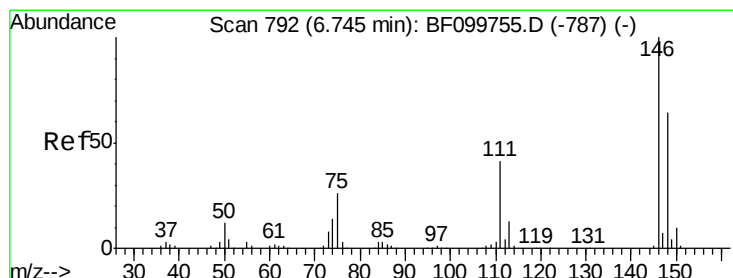
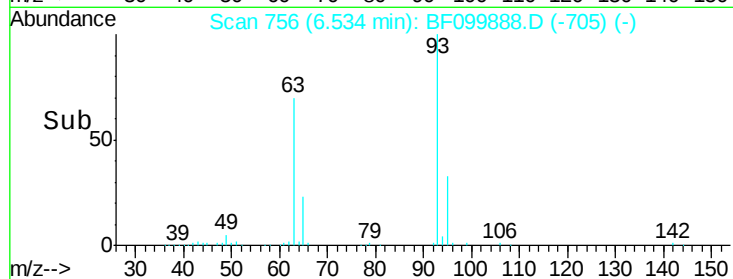
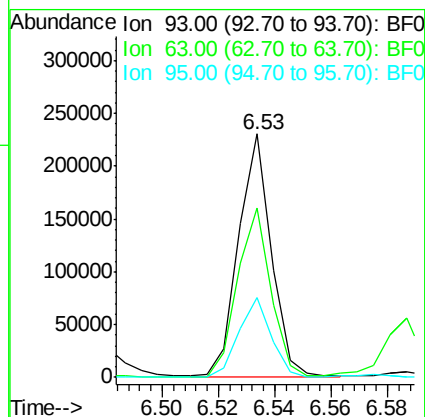
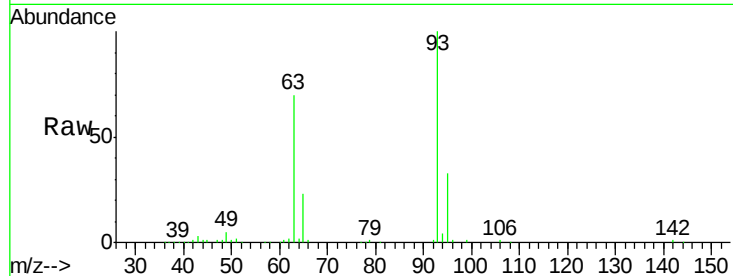




#11
bis(2-Chloroethyl)ether
Concen: 24.86 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

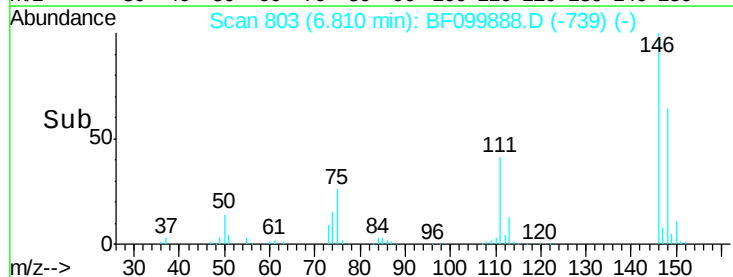
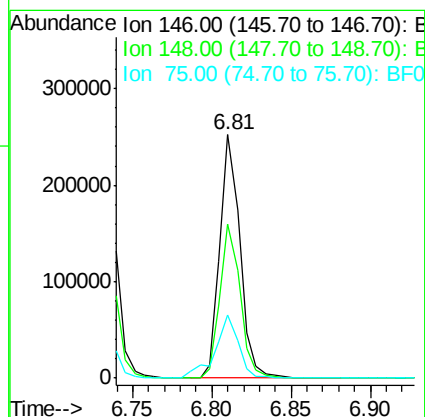
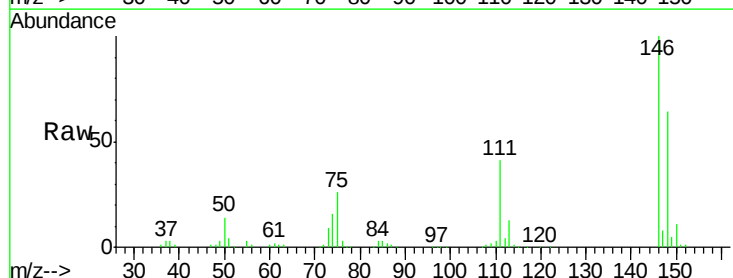
Instrument :
BNA_F
ClientSampleId :

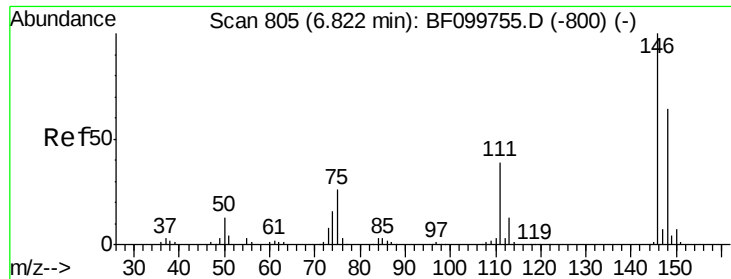
Tot Ion: 93 Resp: 186932
Ion Ratio Lower Upper
93 100
63 69.6 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 24.89 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.08 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion: 146 Resp: 222742
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 26.0 24.2 36.4

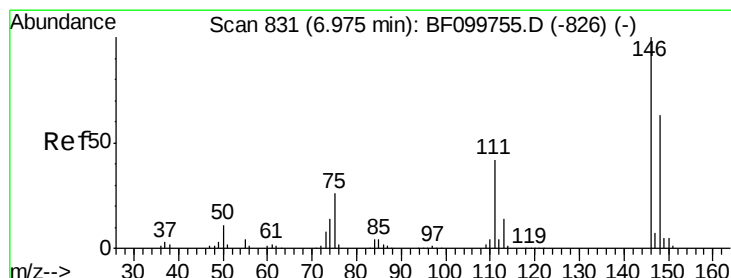
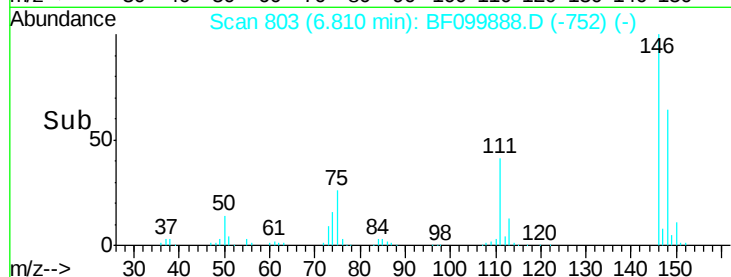
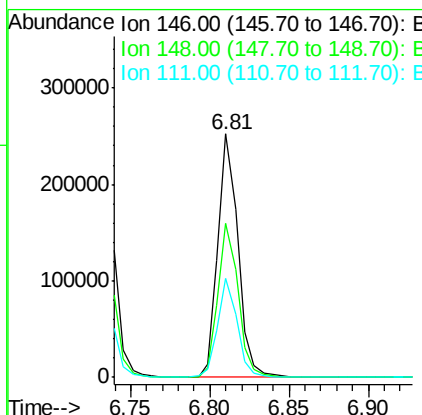
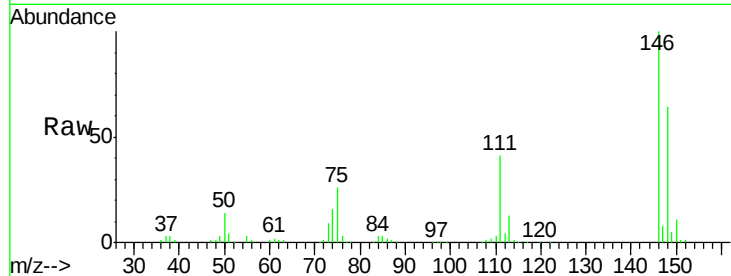




#13
 1,4-Dichlorobenzene
 Concen: 24.52 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

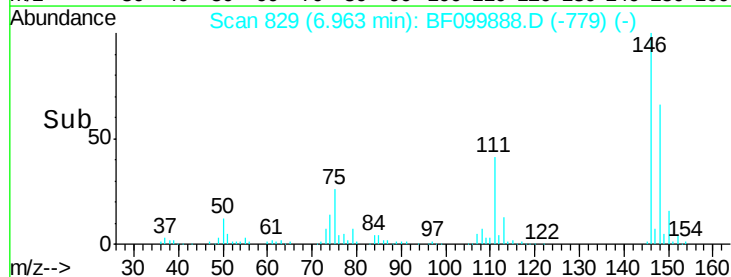
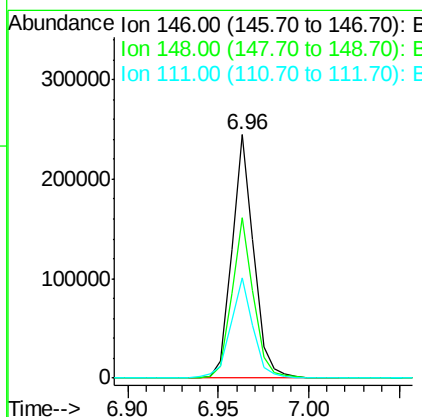
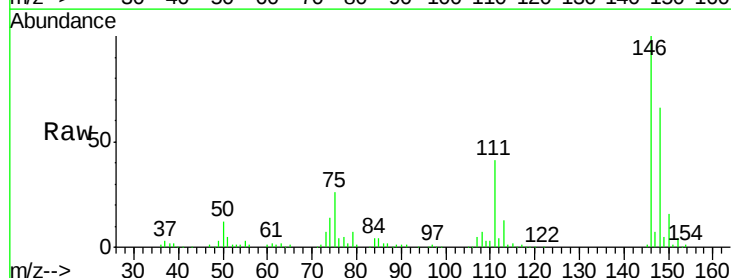
Instrument :
 BNA_F
 ClientSampleId :

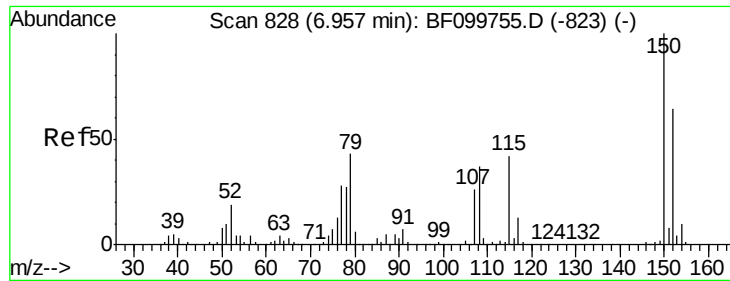
Tot Ion:146 Resp: 222742
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 40.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 24.71 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:146 Resp: 204592
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.6 75.8
 111 41.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 25.53 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

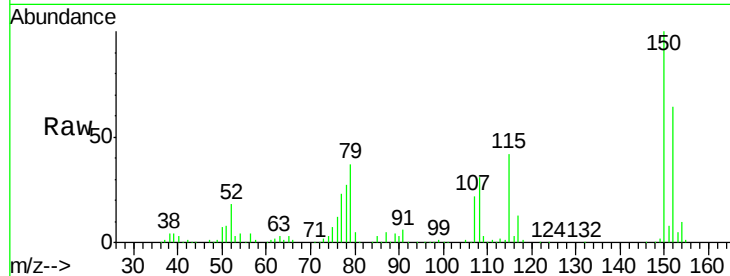
Tot Ion: 79 Resp: 143991

Ion Ratio Lower Upper

79 100

108 82.6 65.1 97.7

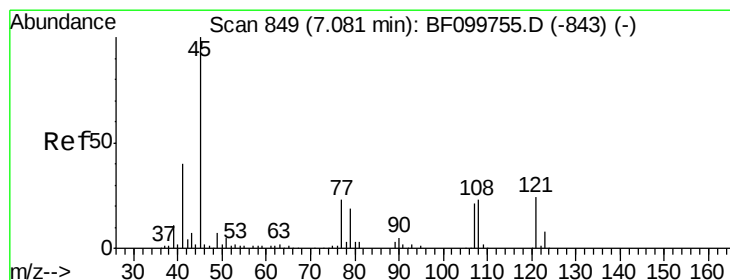
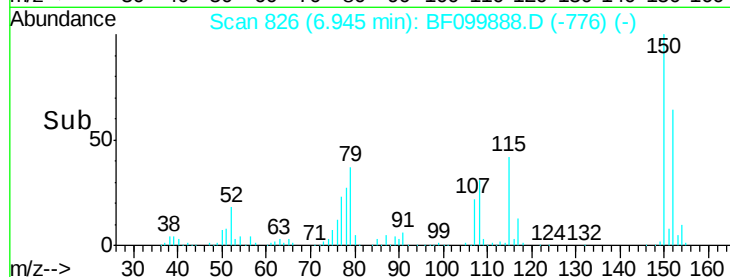
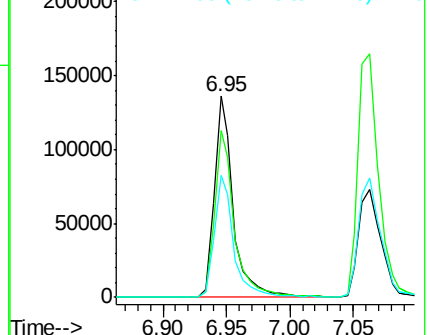
77 60.5 50.6 75.8



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: 27.77 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

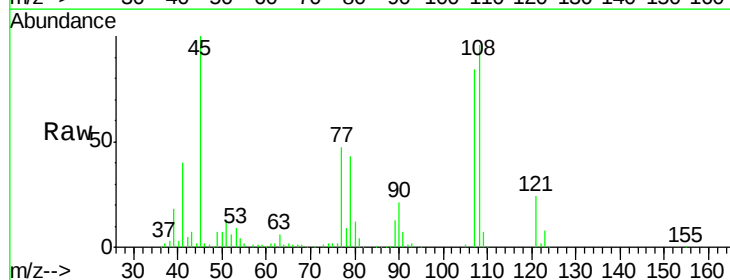
Tgt Ion: 45 Resp: 231978

Ion Ratio Lower Upper

45 100

77 47.1 0.0 32.9#

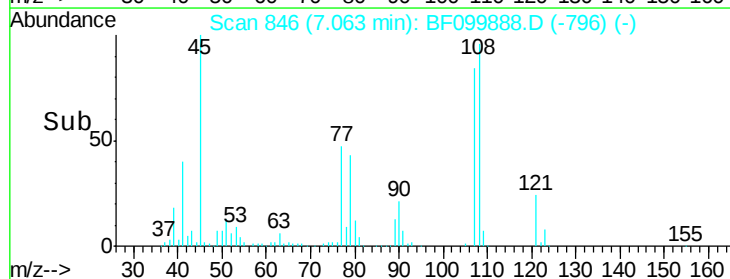
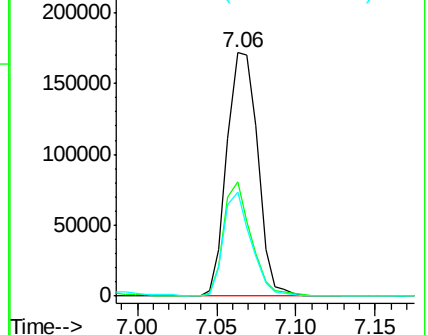
79 42.7 0.0 29.6#

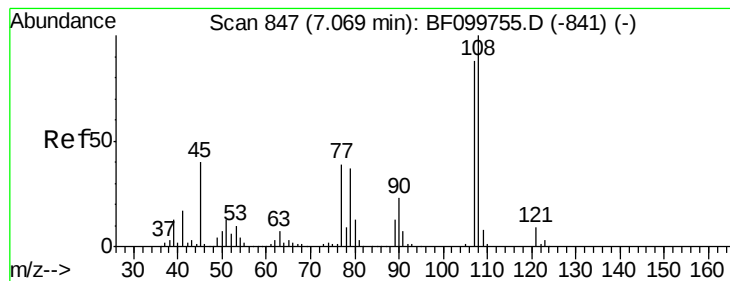


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 24.72 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 164809

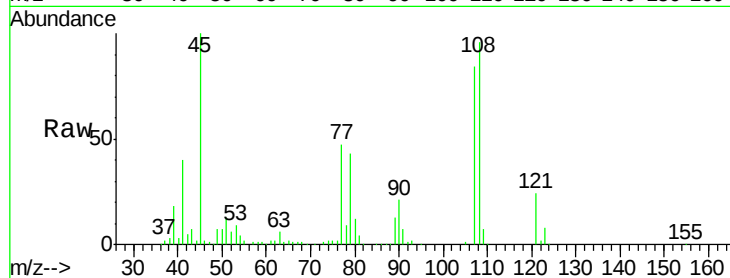
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 56.3 33.8 50.8#

79 51.0 33.8 50.8#

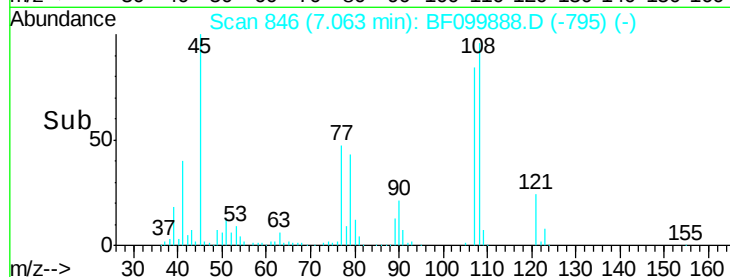


Abundance Ion 107.00 (106.70 to 107.70): E

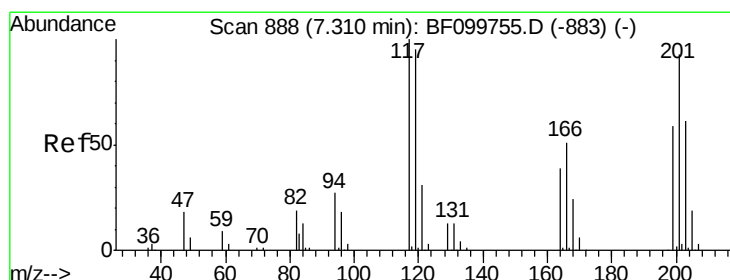
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 23.94 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

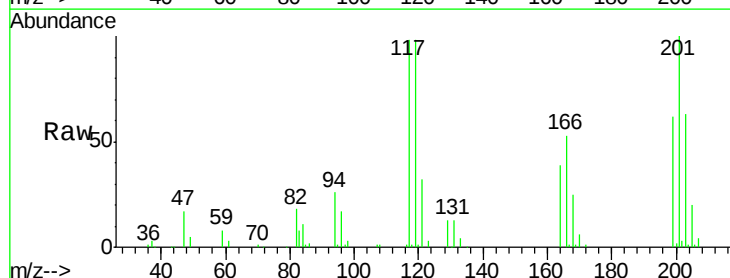
Tgt Ion:117 Resp: 72558

Ion Ratio Lower Upper

117 100

119 100.7 75.8 113.8

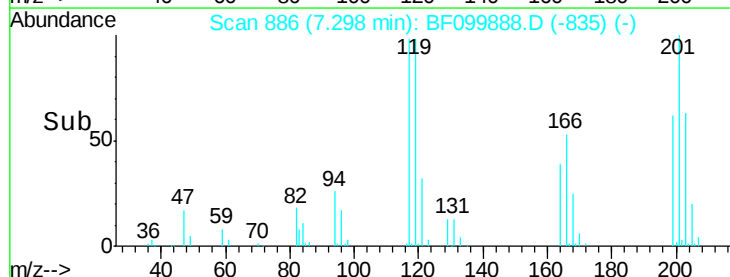
201 102.3 75.7 113.5



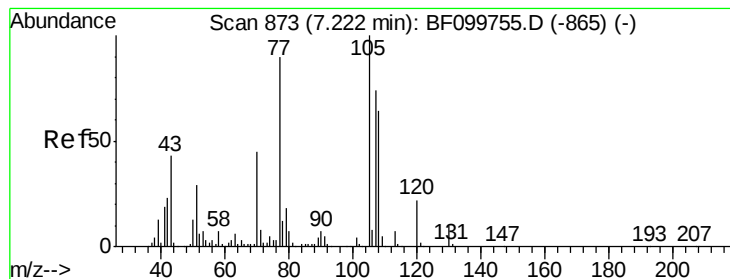
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 24.51 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 127362

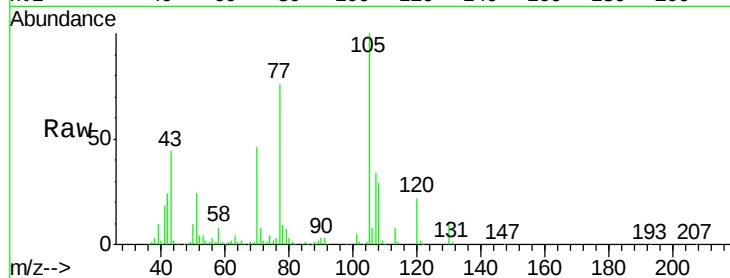
Ion Ratio Lower Upper

70 100

42 50.7 47.5 71.3

101 10.4 7.4 11.2

130 24.6 16.6 25.0

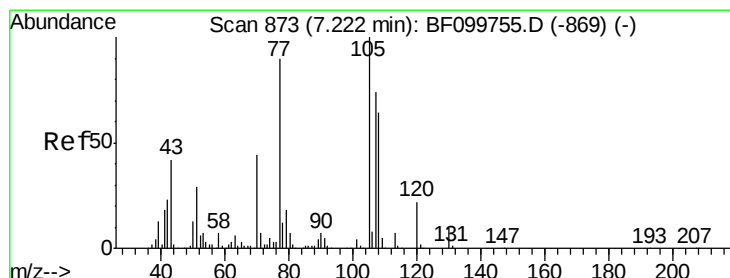
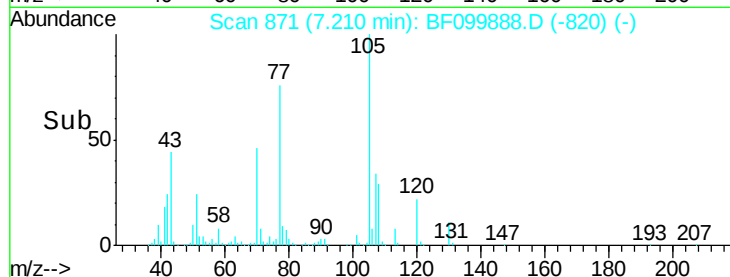
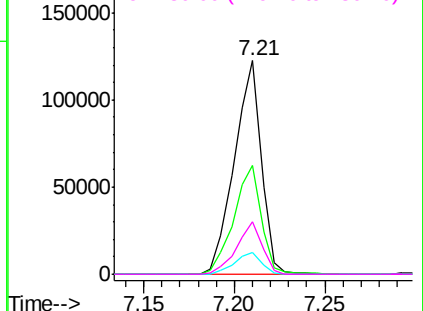


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 28.06 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Tgt Ion: 107 Resp: 217818

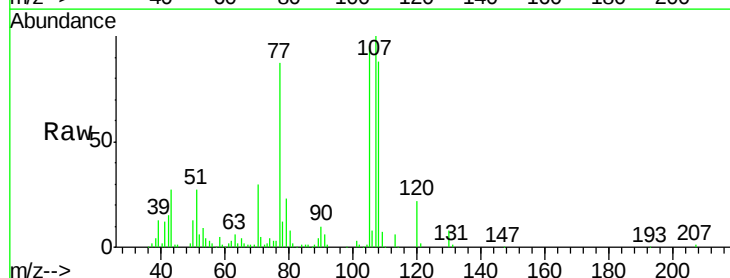
Ion Ratio Lower Upper

107 100

108 87.5 68.2 108.2

77 87.0 26.7 66.7#

79 22.6 6.3 46.3

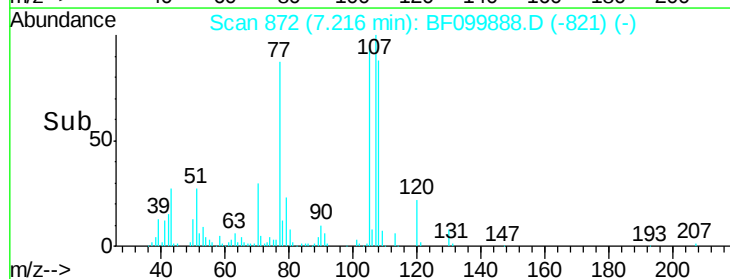
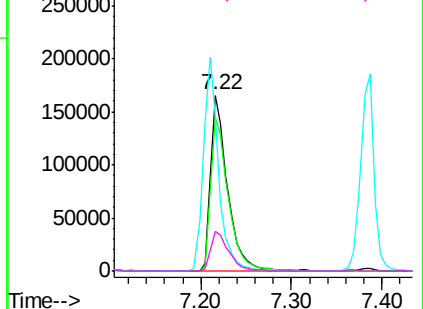


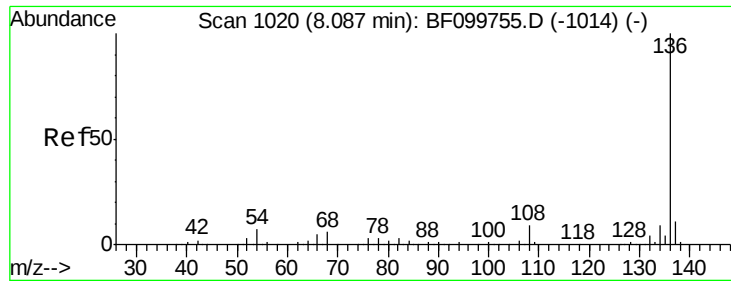
Abundance Ion 107.00 (106.70 to 107.70): BF0

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

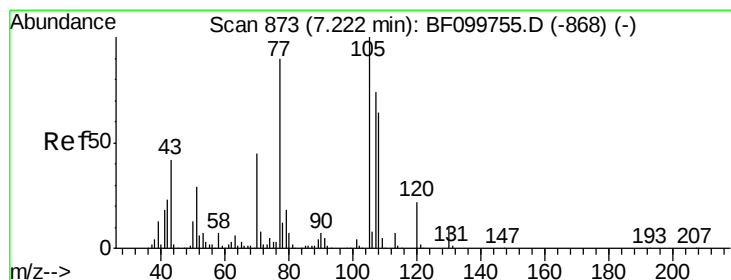
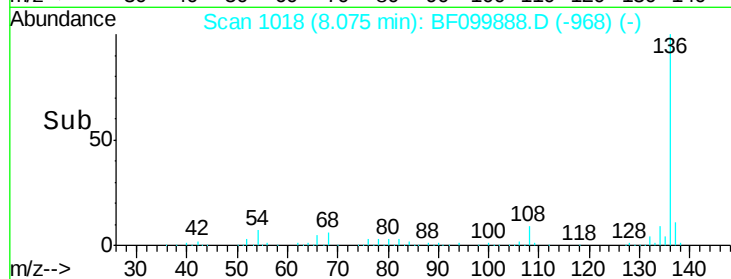
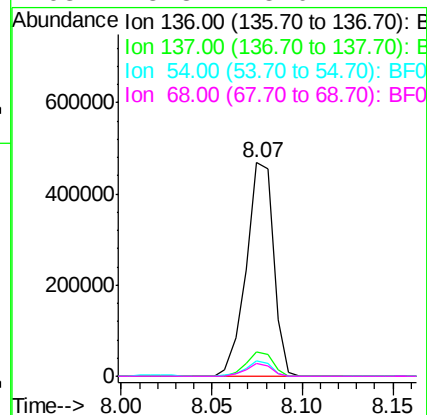
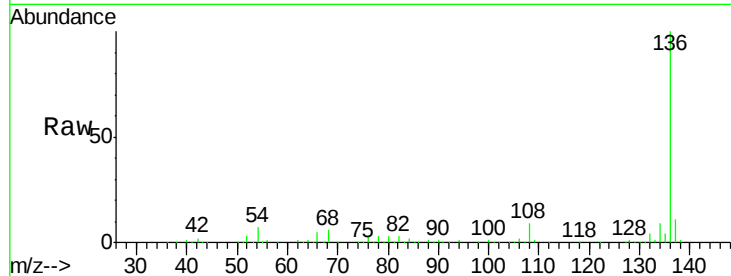




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

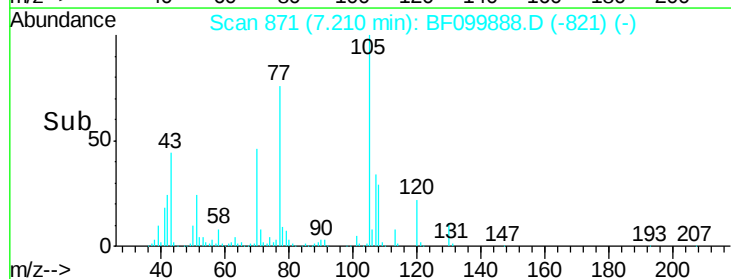
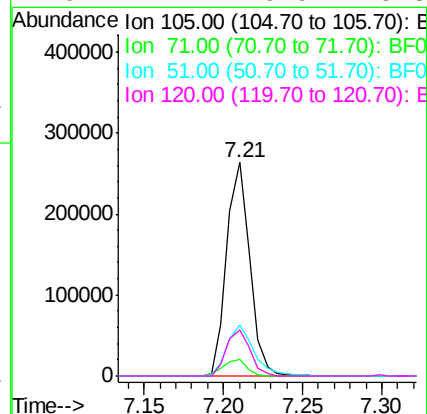
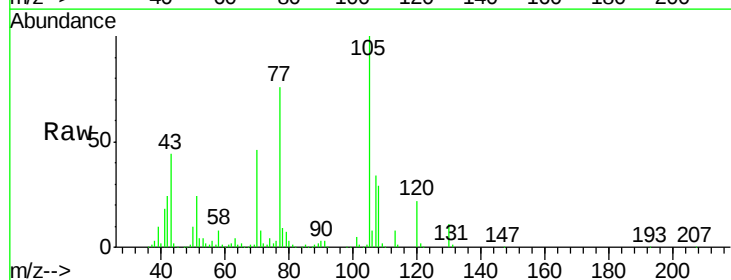
Instrument :
BNA_F
ClientSampleId :

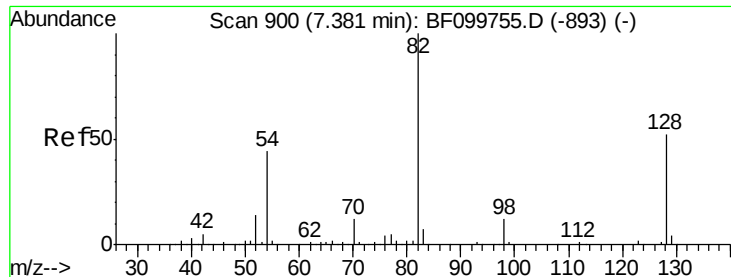
Tot Ion:136	Resp:	490272
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	7.2	6.6 9.8
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 23.97 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:105	Resp:	267590
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	23.8	22.3 33.5
120	21.7	16.9 25.3

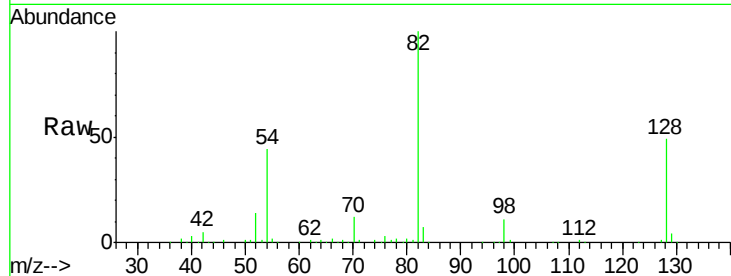




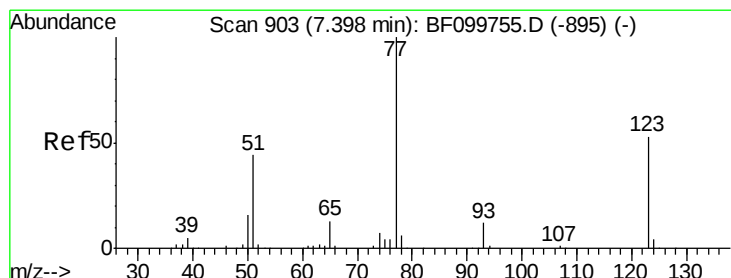
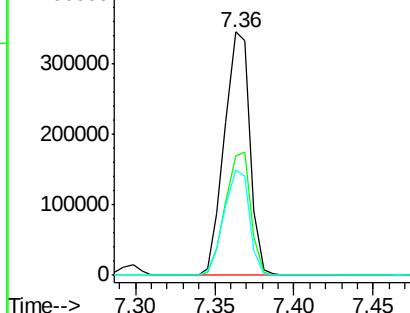
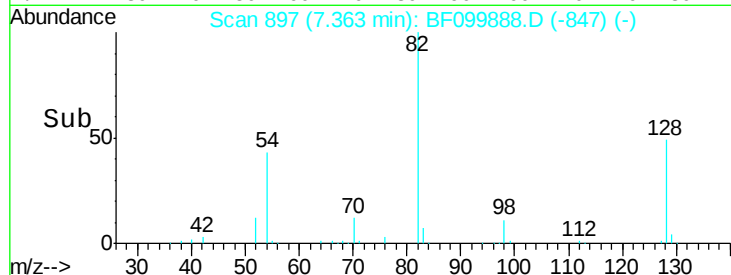
#23
Nitrobenzene-d5
Concen: 50.69 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	385998
Ion Ratio	100	Lower	Upper
128	48.9	36.1	54.1
54	43.5	41.4	62.2

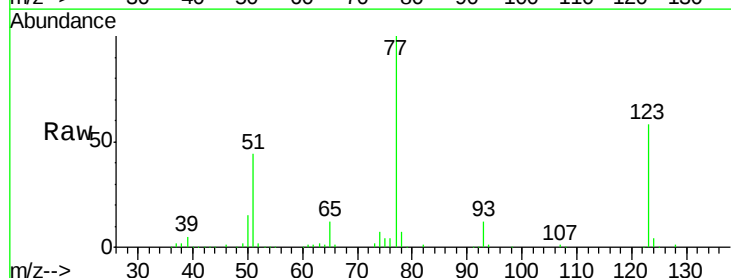


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

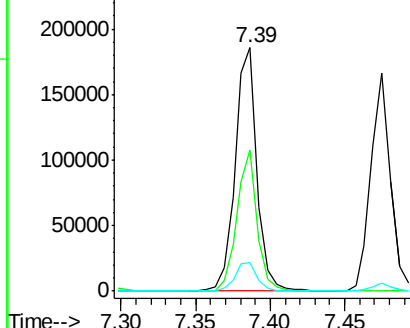
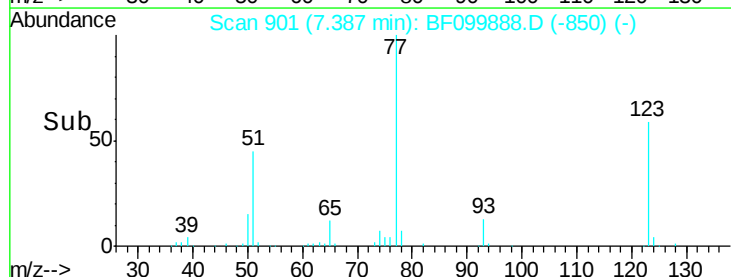


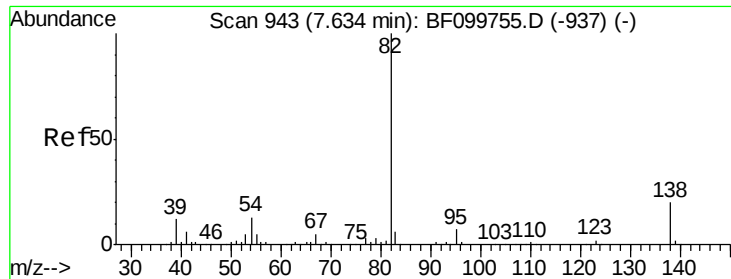
#24
Nitrobenzene
Concen: 24.75 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion	77	Resp	189937
Ion Ratio	100	Lower	Upper
123	58.1	37.9	56.9#
65	12.0	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

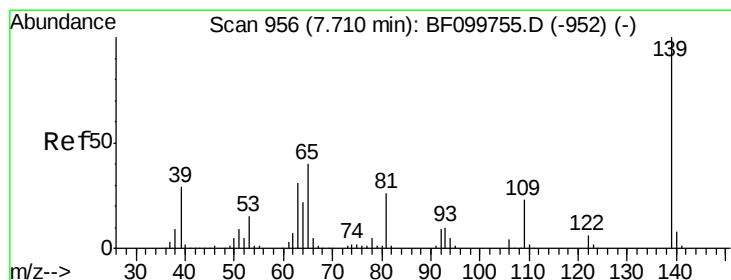
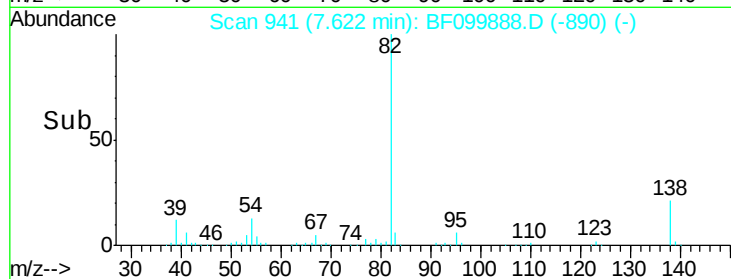
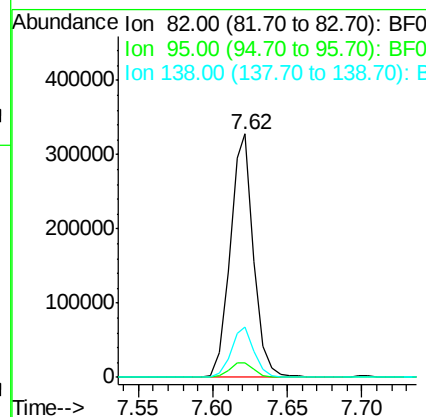
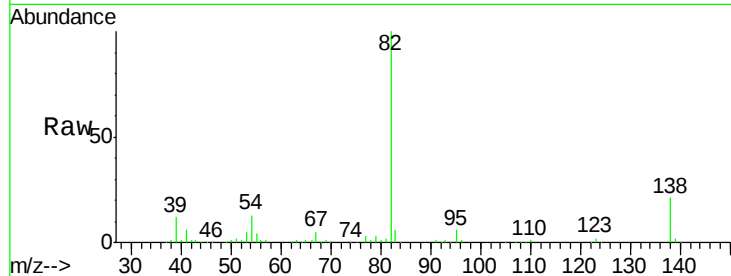




#25
Isophorone
Concen: 26.19 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

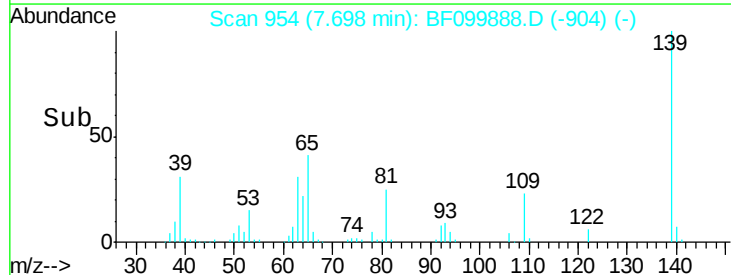
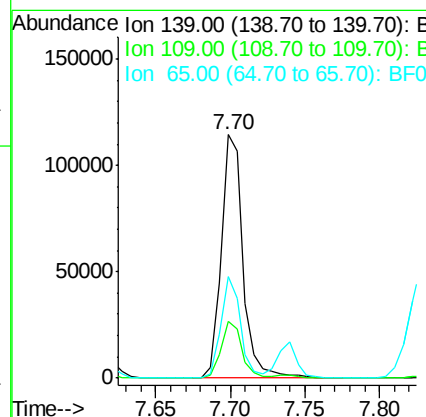
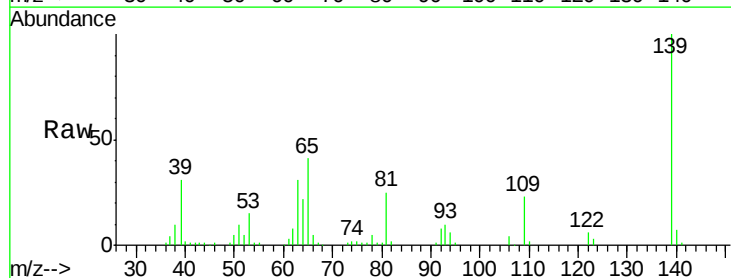
Instrument :
BNA_F
ClientSampleId :

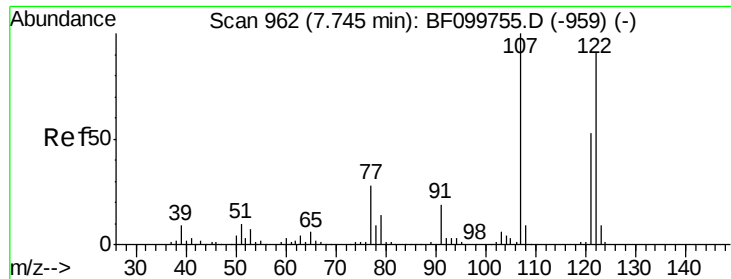
Tot Ion: 82 Resp: 361908
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 20.8 14.9 22.3



#26
2-Nitrophenol
Concen: 26.51 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion: 139 Resp: 116518
Ion Ratio Lower Upper
139 100
109 23.4 22.7 34.1
65 41.5 40.5 60.7

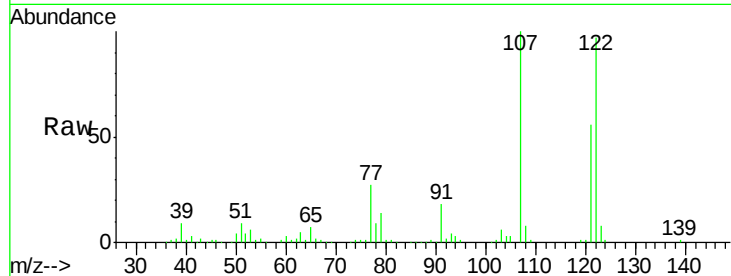




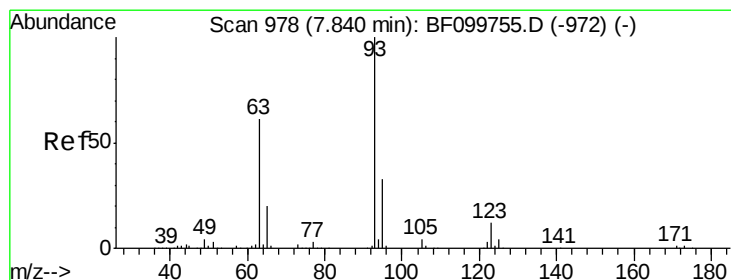
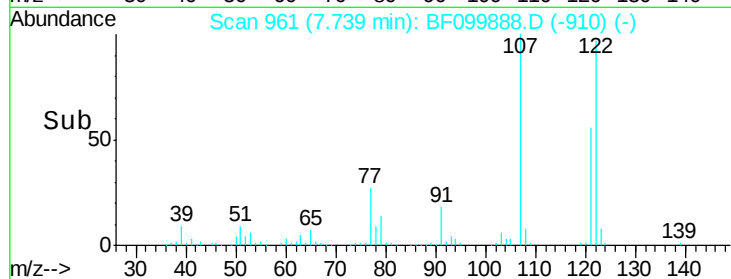
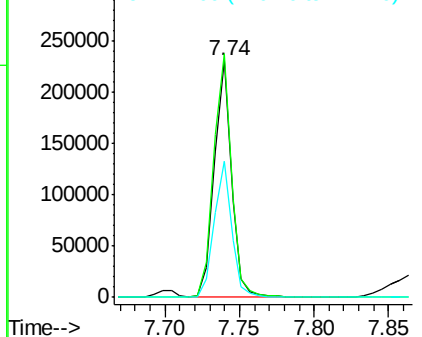
#27
 2,4-Dimethylphenol
 Concen: 28.71 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 185926
 Ion Ratio Lower Upper
 122 100
 107 102.7 91.2 136.8
 121 57.3 47.2 70.8

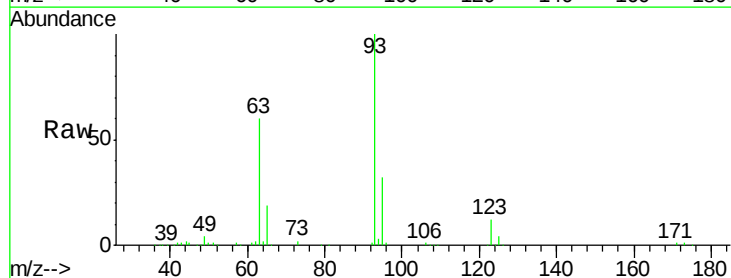


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

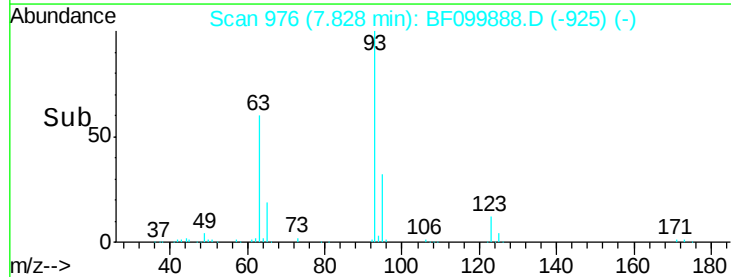
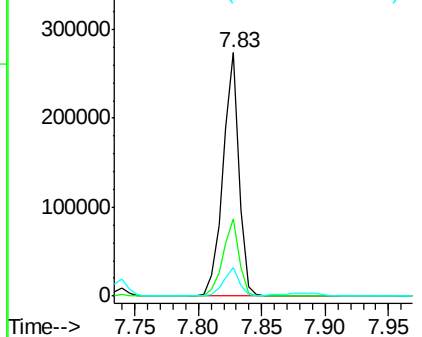


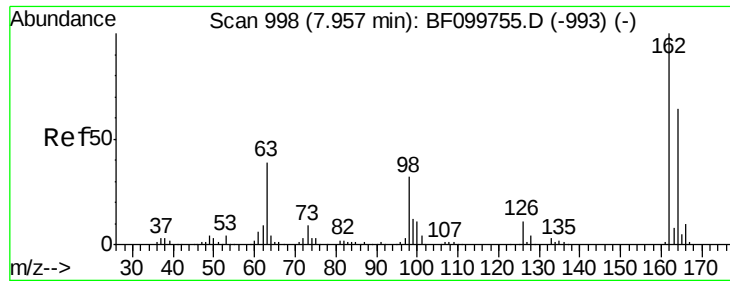
#28
 bis(2-Chloroethoxy)methane
 Concen: 24.91 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion: 93 Resp: 241078
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 11.5 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

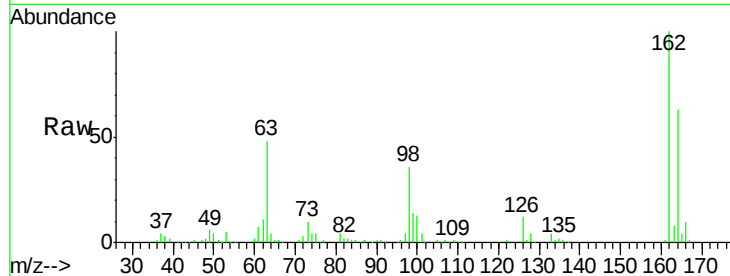




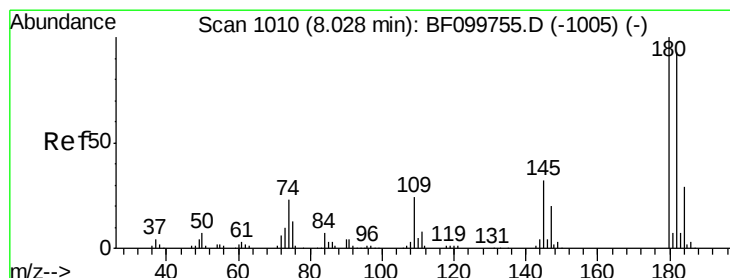
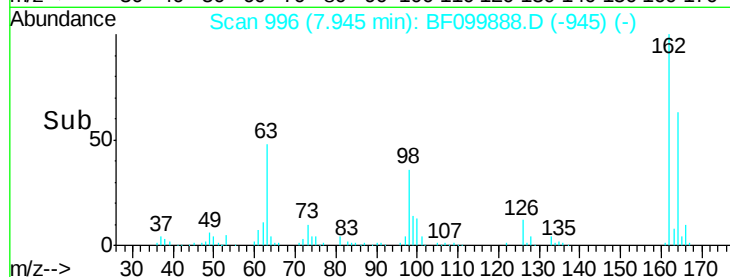
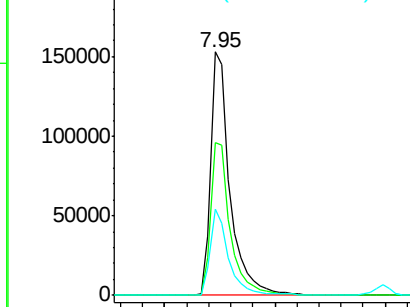
#29
2,4-Dichlorophenol
Concen: 26.98 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 181495
Ion Ratio Lower Upper
162 100
164 62.6 42.7 82.7
98 35.5 18.1 58.1

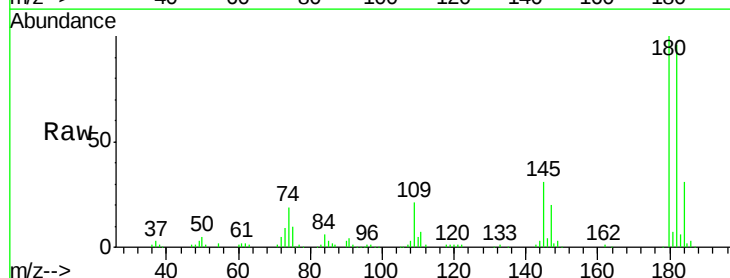


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

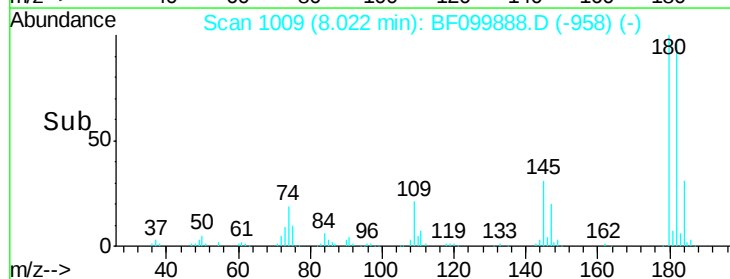
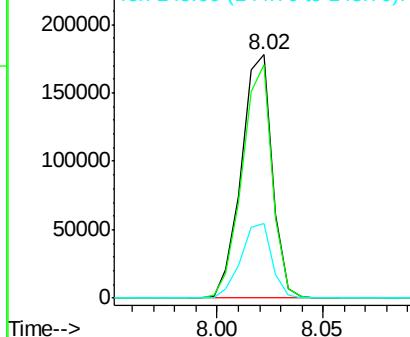


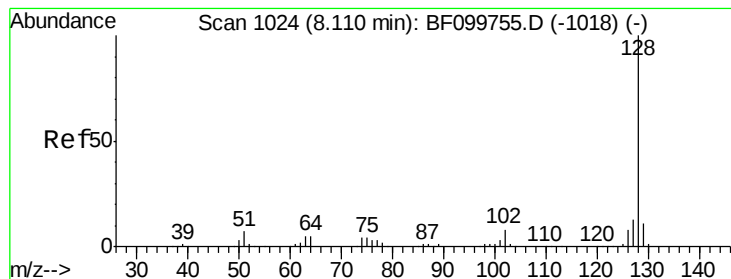
#30
1,2,4-Trichlorobenzene
Concen: 25.08 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:180 Resp: 180277
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 30.5 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: 24.96 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

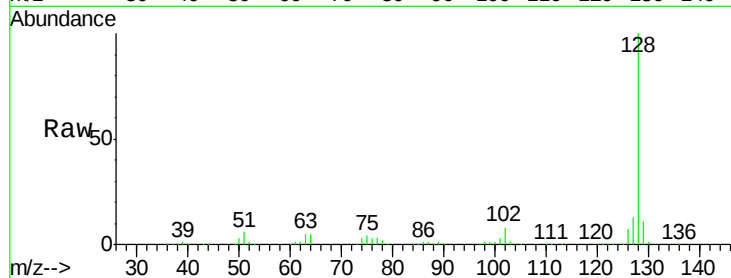
Tot Ion:128 Resp: 590645

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

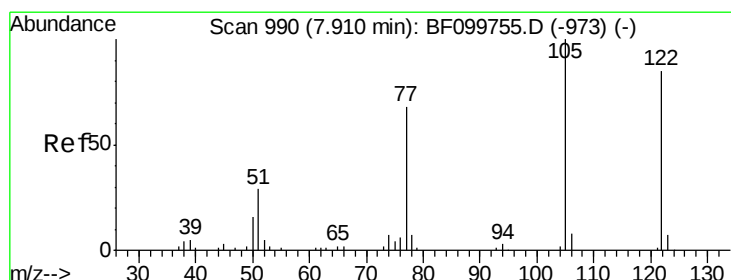
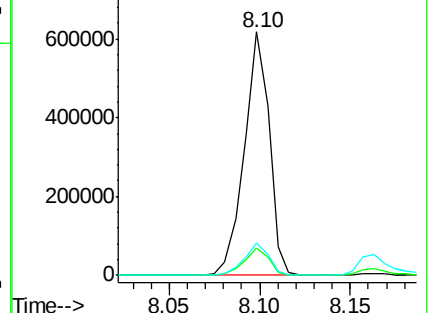
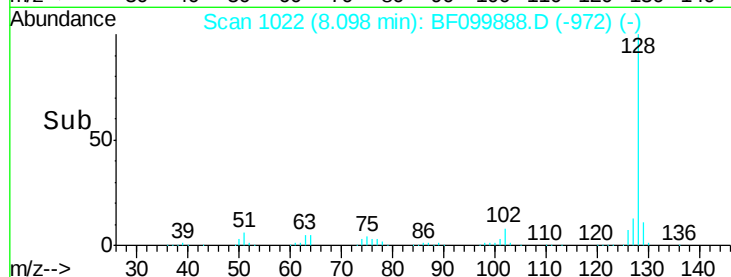
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.84 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

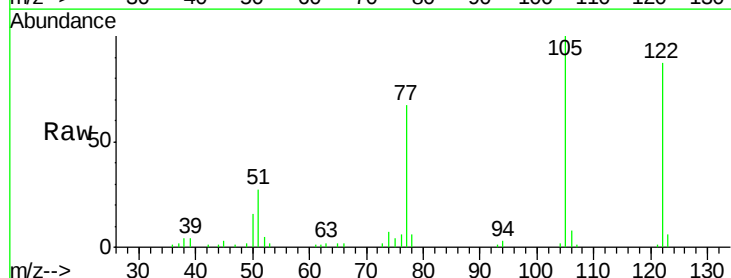
Tgt Ion:122 Resp: 101676

Ion Ratio Lower Upper

122 100

105 115.2 101.1 141.1

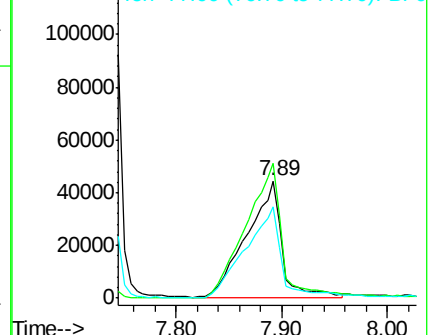
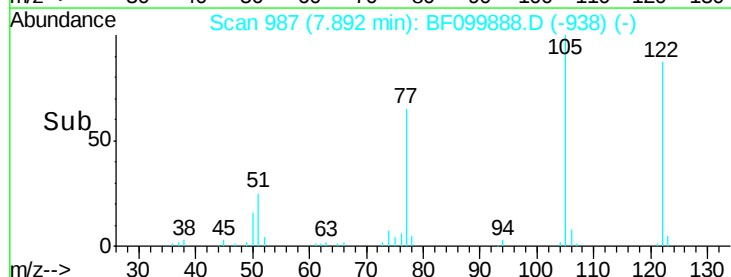
77 77.7 70.7 110.7

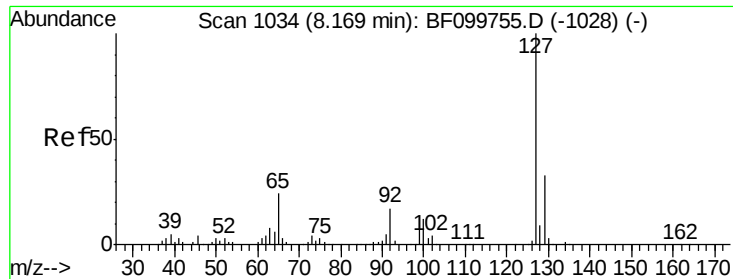


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

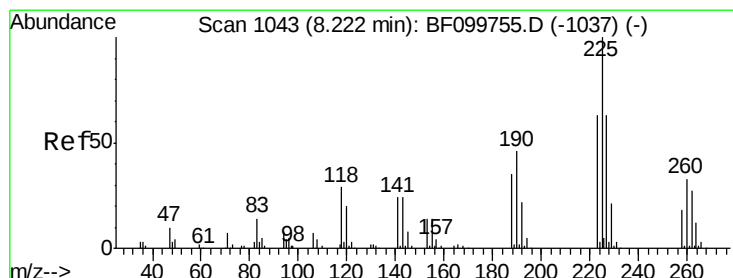
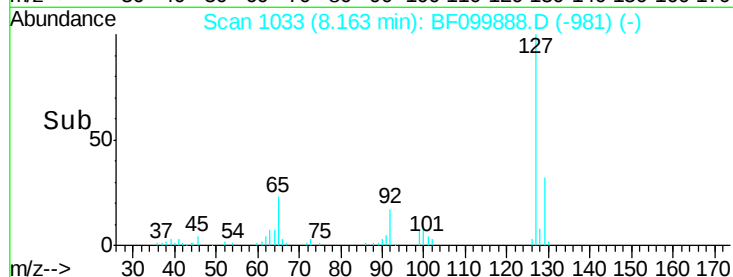
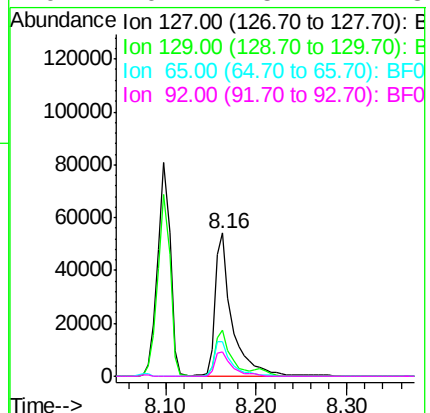
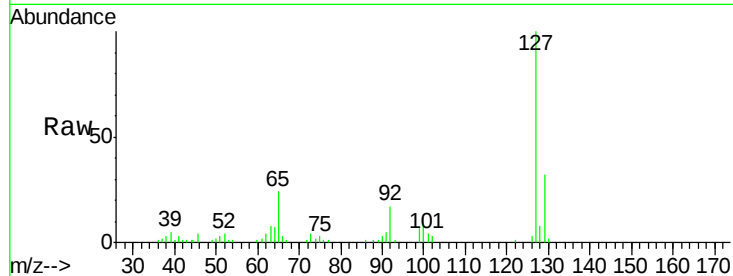




#33
4-Chloroaniline
Concen: 7.25 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

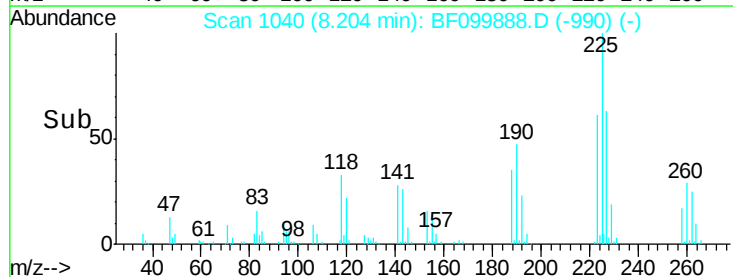
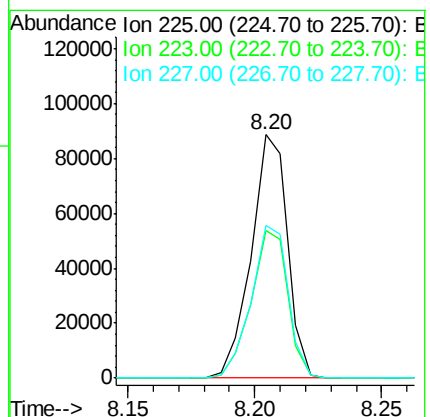
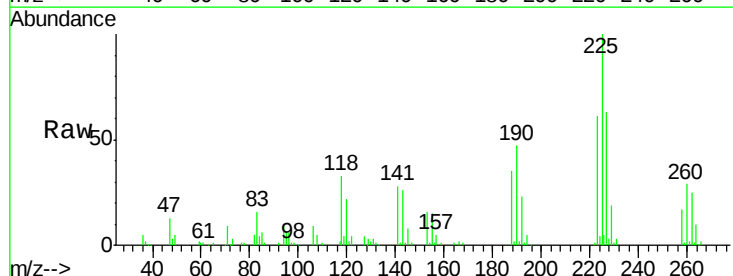
Instrument :
BNA_F
ClientSampleId :

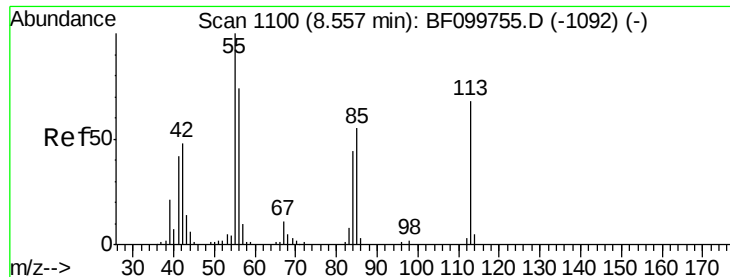
Tot Ion:127 Resp: 70841
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 24.4 25.0 37.4#
92 16.7 15.2 22.8



#34
Hexachlorobutadiene
Concen: 23.84 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:225 Resp: 88147
Ion Ratio Lower Upper
225 100
223 60.5 50.6 76.0
227 62.7 51.9 77.9





#35

Caprolactam

Concen: 19.35 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

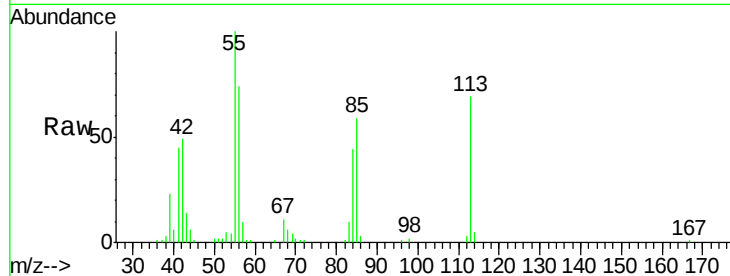
Tot Ion:113 Resp: 40938

Ion Ratio Lower Upper

113 100

55 145.3 163.3 203.3#

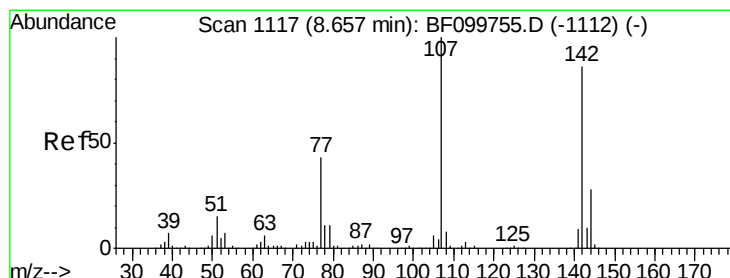
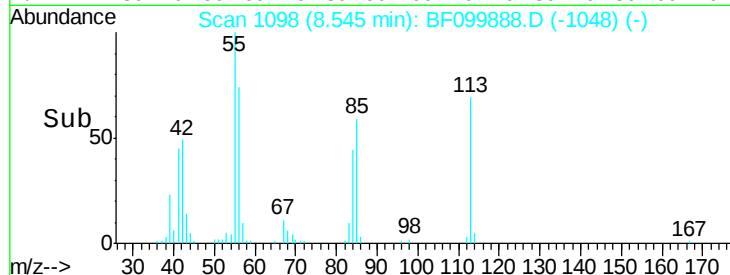
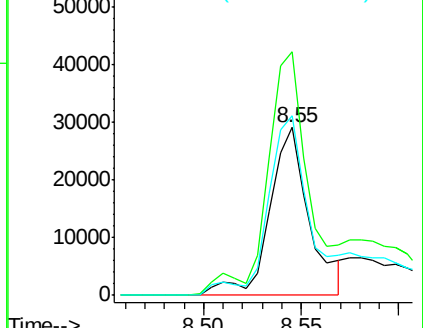
56 107.3 115.7 155.7#



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: 26.11 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

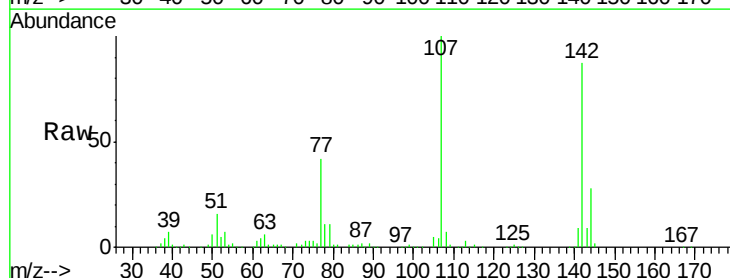
Tgt Ion:107 Resp: 179269

Ion Ratio Lower Upper

107 100

144 28.2 20.5 30.7

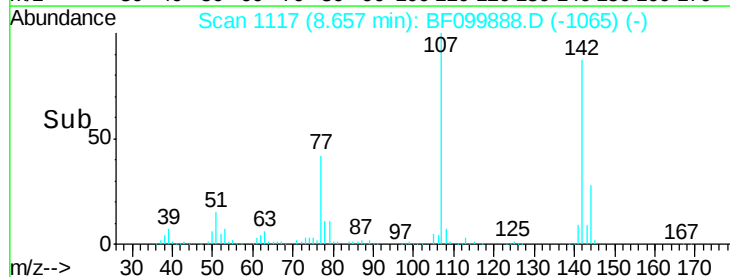
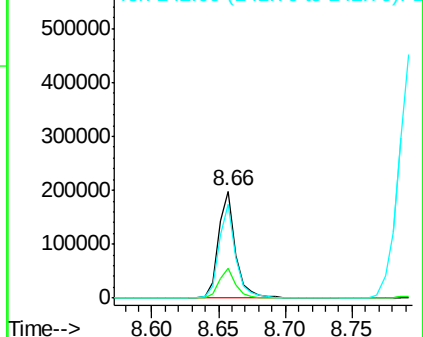
142 87.0 62.0 93.0

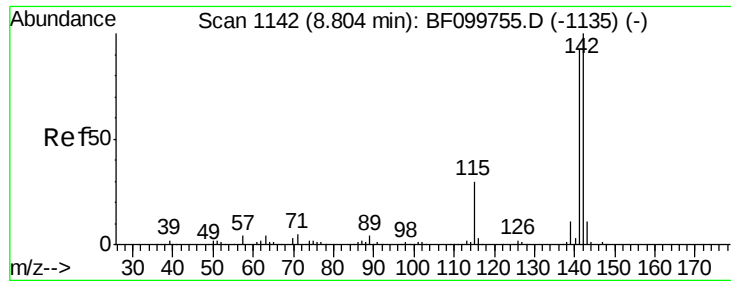


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

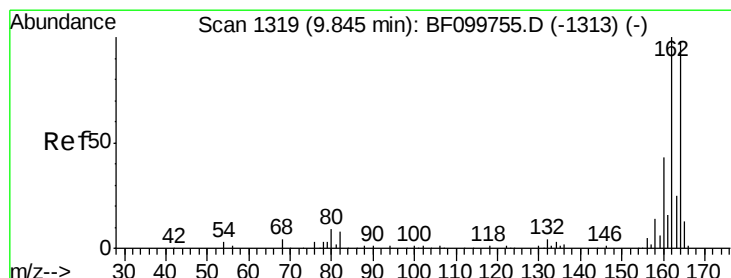
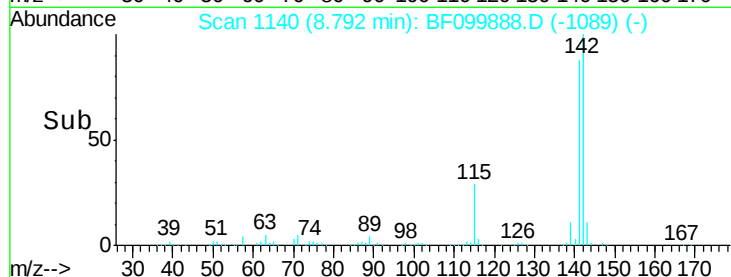
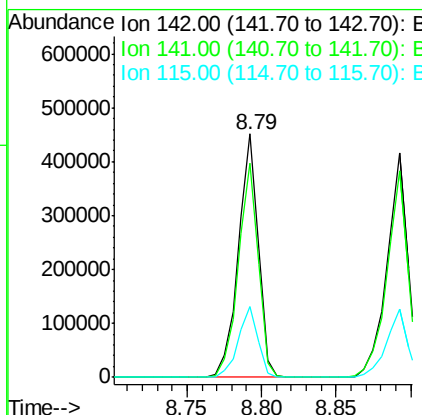
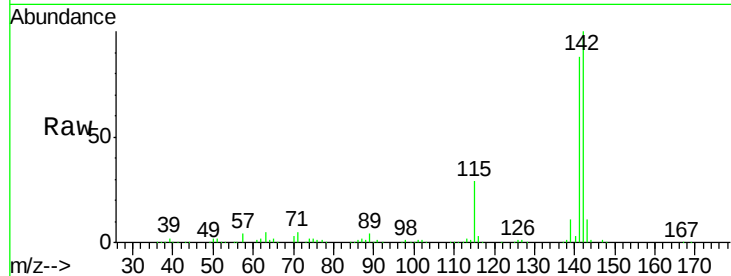




#37
2-Methylnaphthalene
Concen: 26.66 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

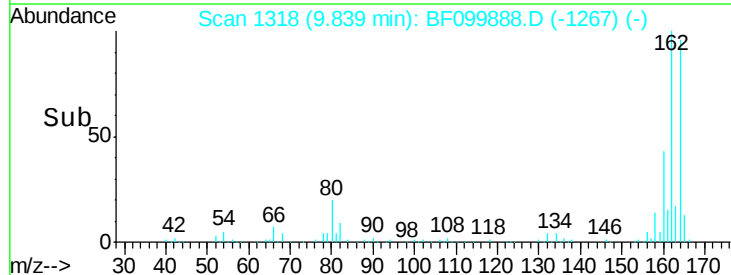
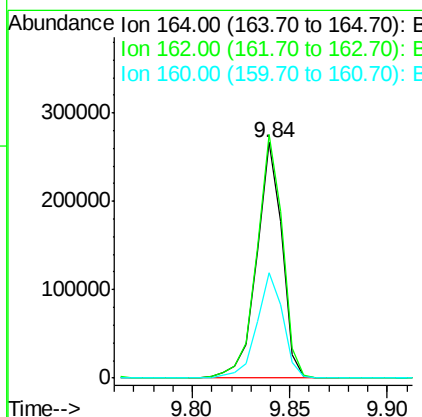
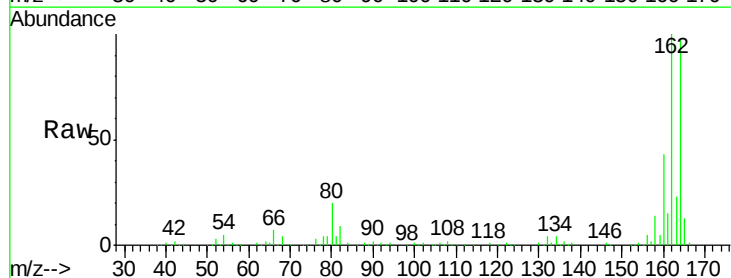
Instrument :
BNA_F
ClientSampled :

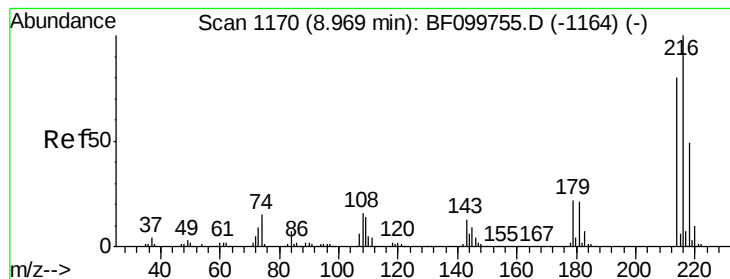
Tot Ion:142 Resp: 422759
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 28.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:164 Resp: 239058
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.08 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 170454

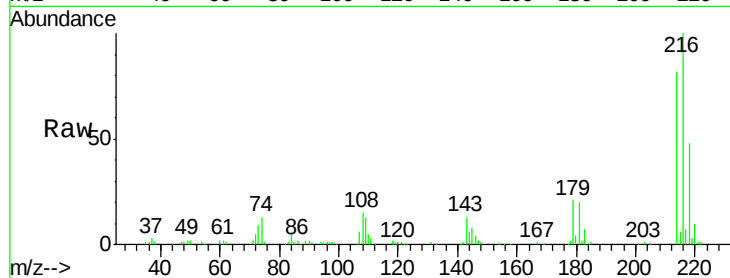
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.8 18.1 27.1

108 17.9 17.2 25.8

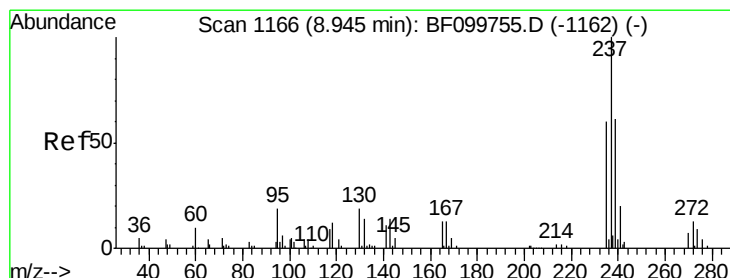
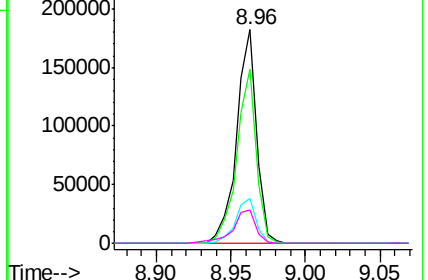
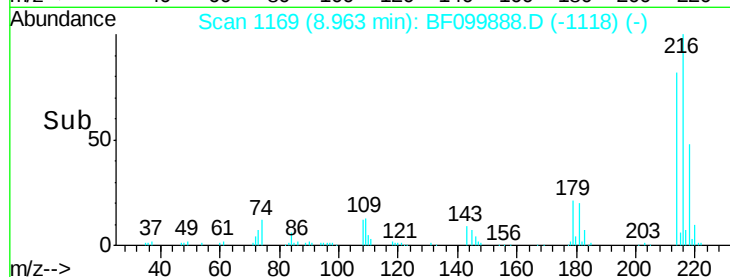


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.05 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

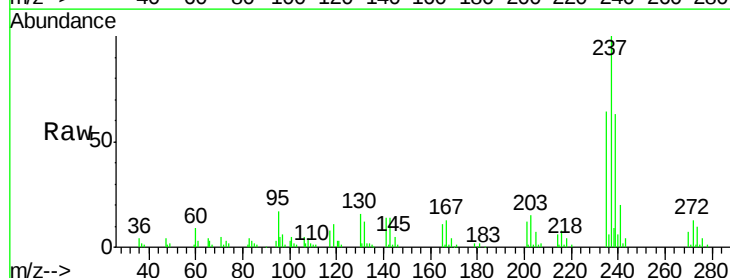
Tgt Ion:237 Resp: 54893

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

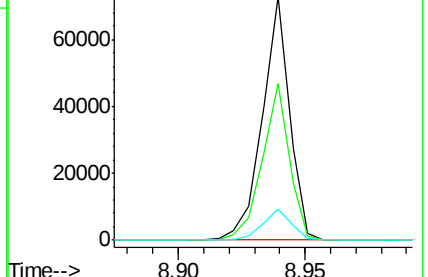
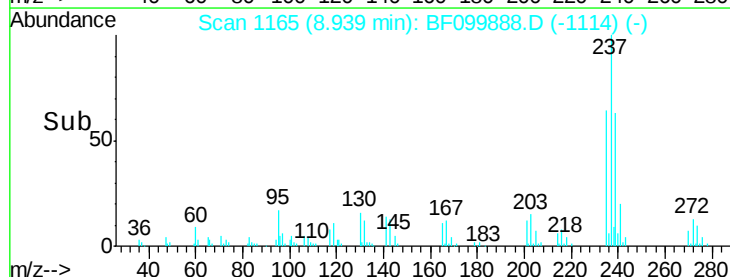
272 12.9 0.0 33.3

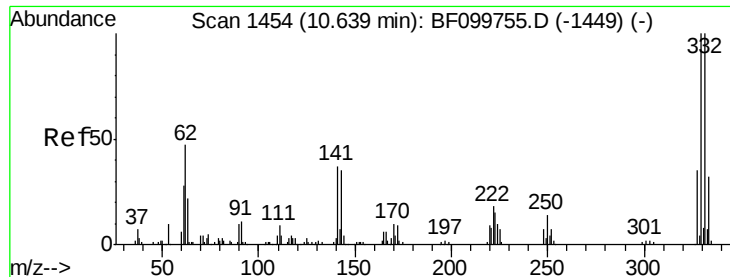


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

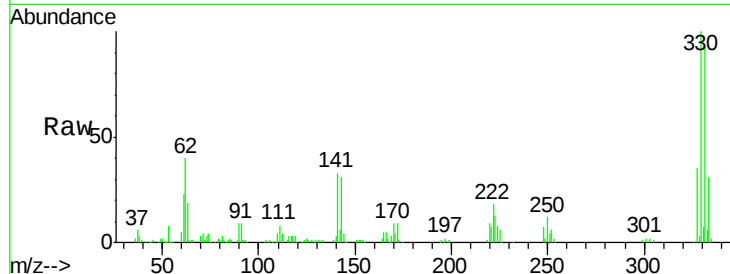




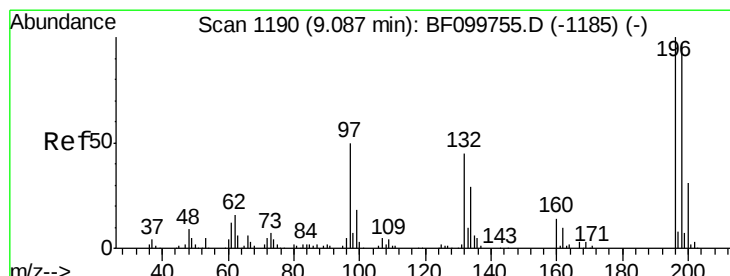
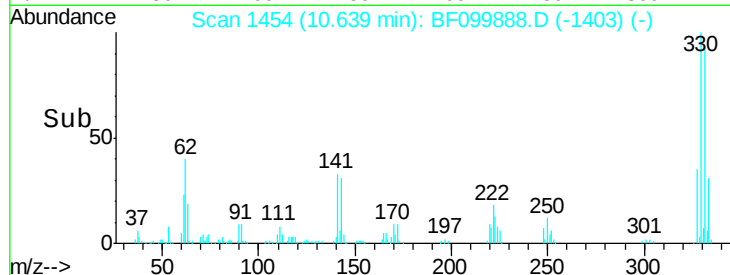
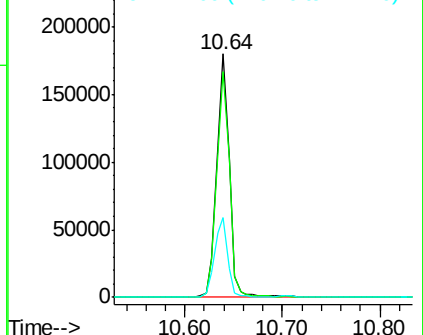
#41
 2,4,6-Tribromophenol
 Concen: 75.12 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 163662
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.7 29.9 44.9

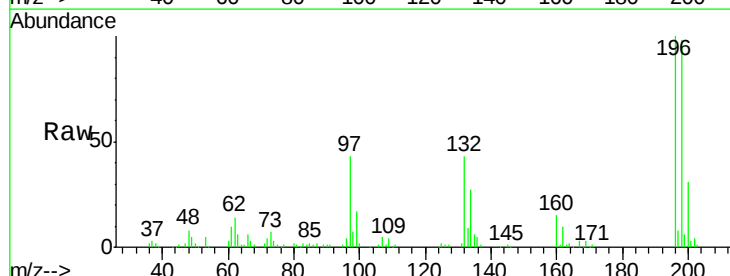


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

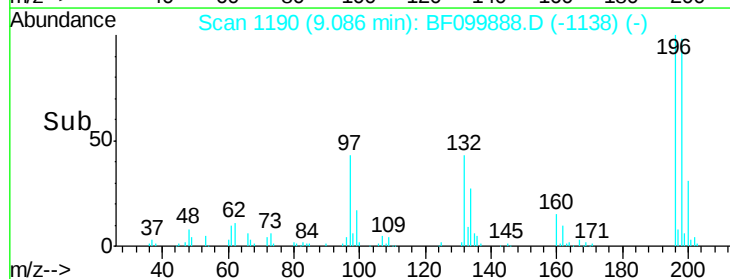
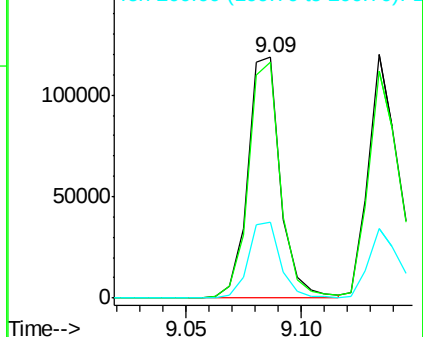


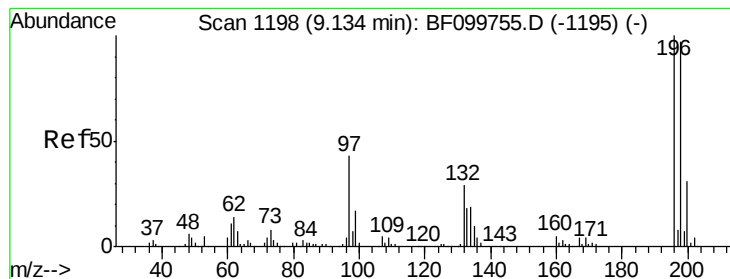
#42
 2,4,6-Trichlorophenol
 Concen: 25.13 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:196 Resp: 117387
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.7 113.5
 200 31.3 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: 24.14 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 119620

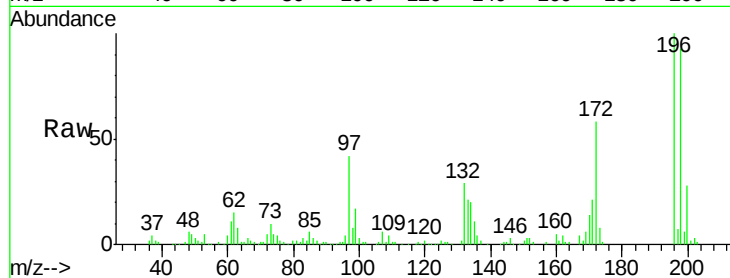
Ion Ratio Lower Upper

196 100

198 93.2 74.6 112.0

97 42.4 42.9 64.3#

132 28.8 26.3 39.5

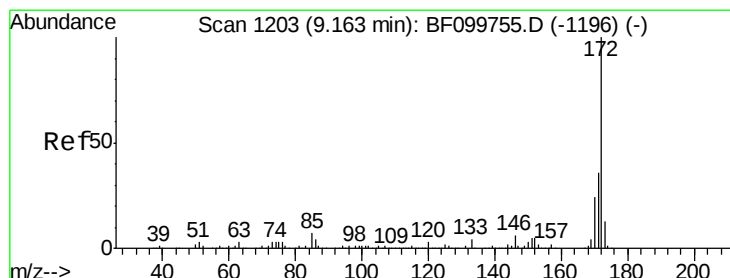
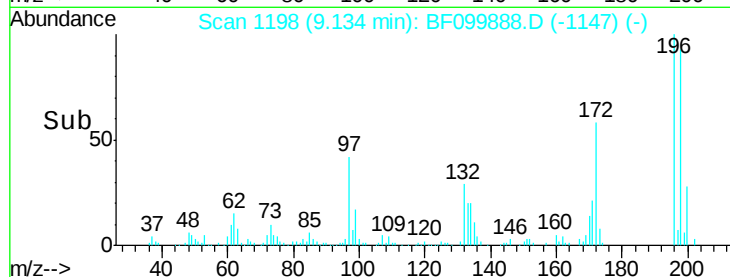
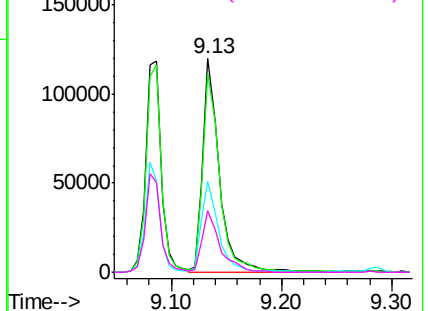


Abundance Ion 196.00 (195.70 to 196.70): E

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: 53.64 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

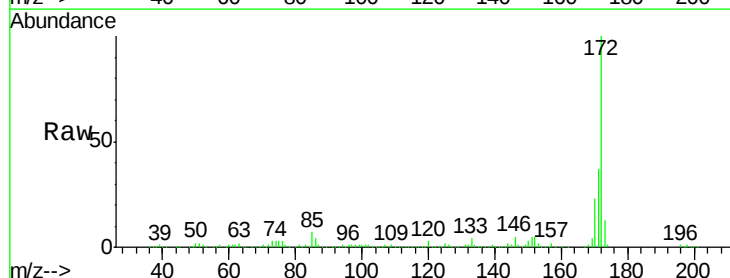
Tgt Ion:172 Resp: 831168

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

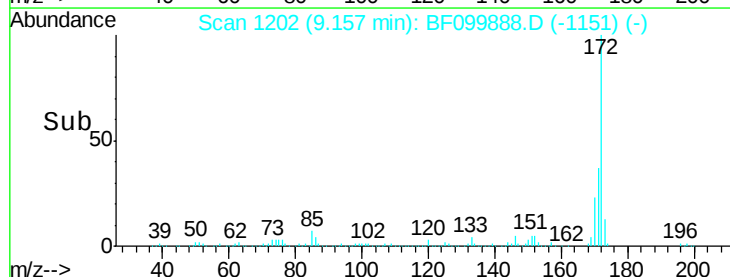
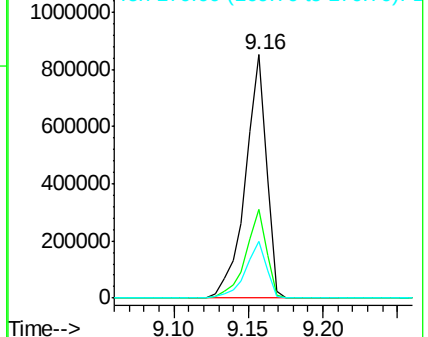
170 23.3 19.6 29.4

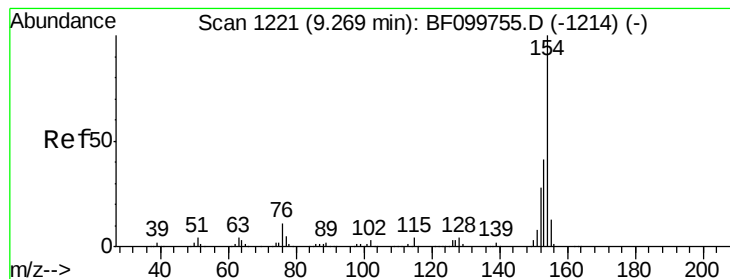


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 22.99 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

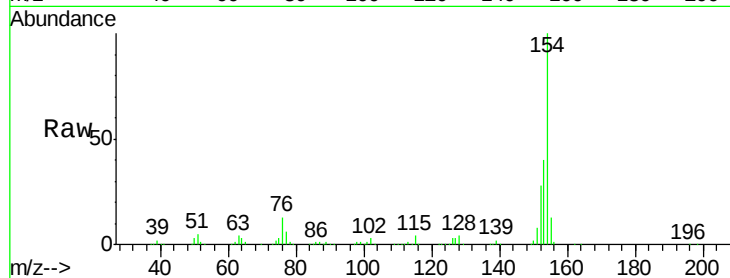
Tot Ion:154 Resp: 497147

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

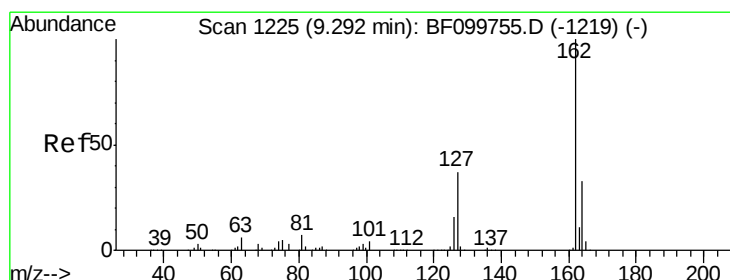
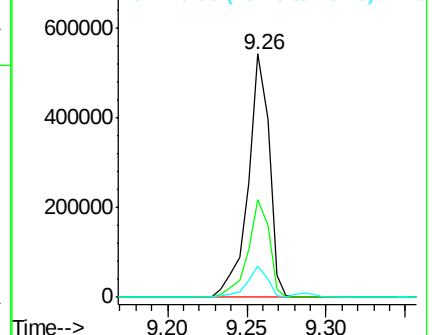
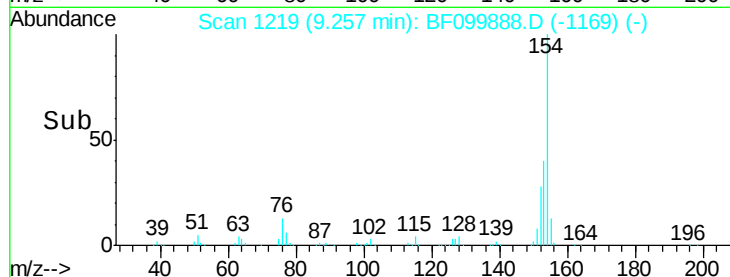
76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.37 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

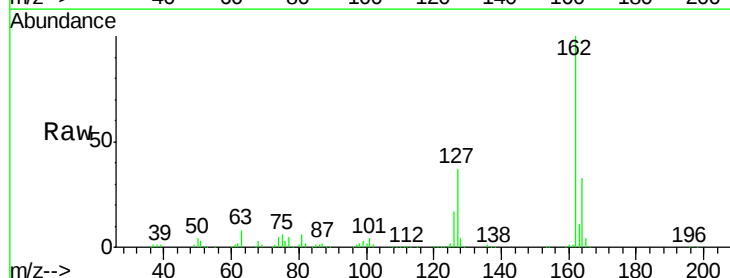
Tgt Ion:162 Resp: 382794

Ion Ratio Lower Upper

162 100

127 37.3 33.9 50.9

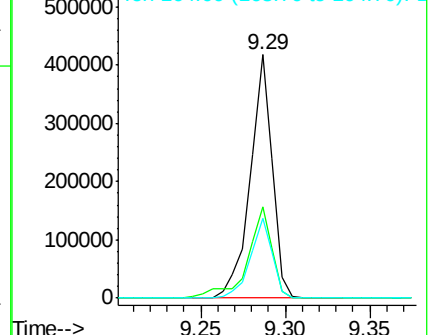
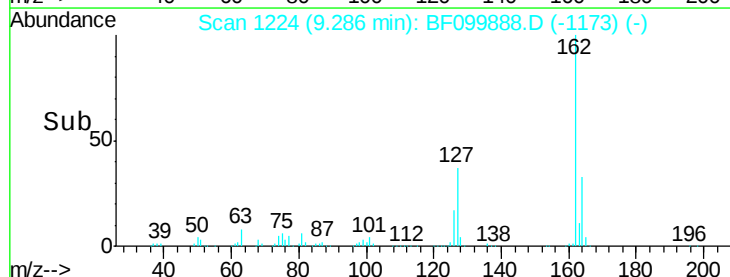
164 32.7 26.5 39.7

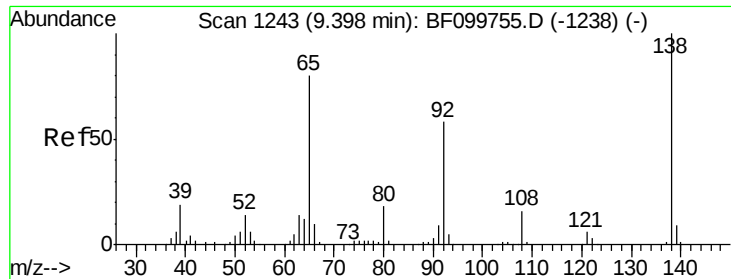


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

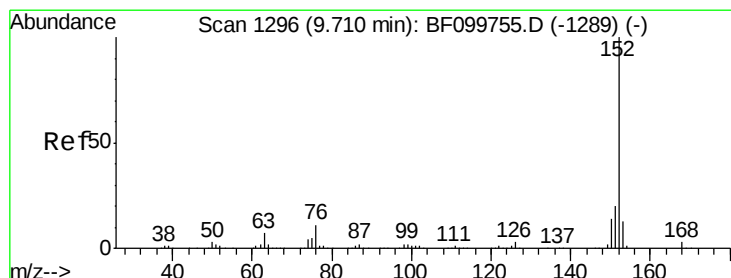
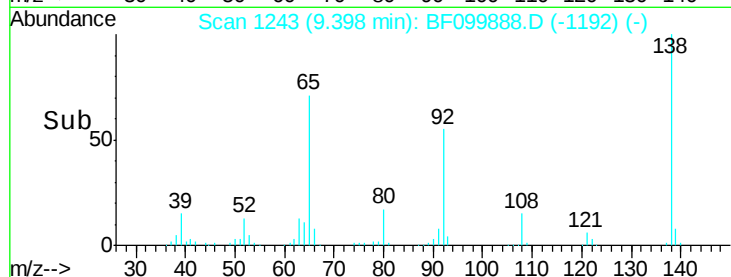
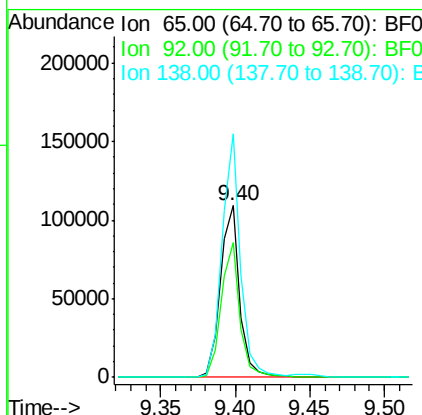
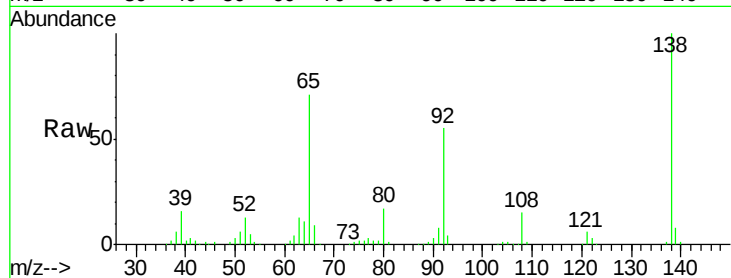




#47
 2-Nitroaniline
 Concen: 24.29 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

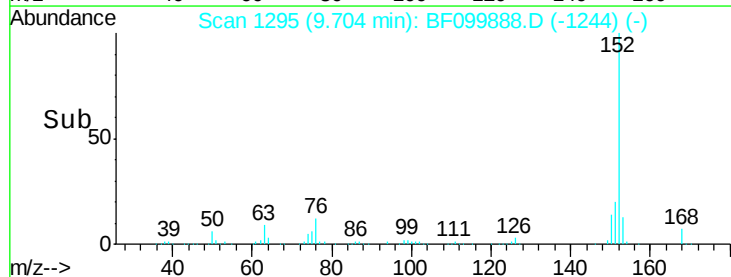
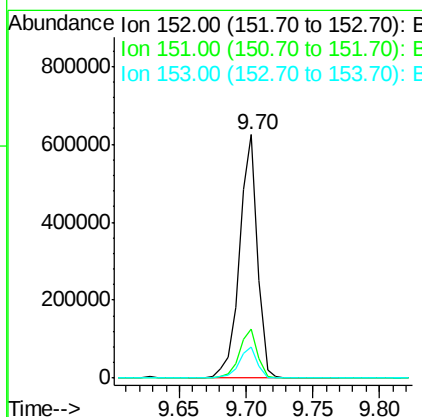
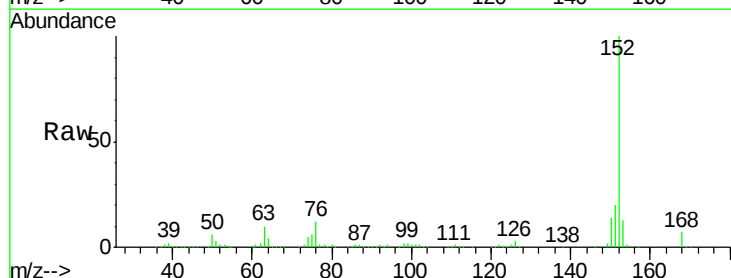
Instrument :
 BNA_F
 ClientSampleId :

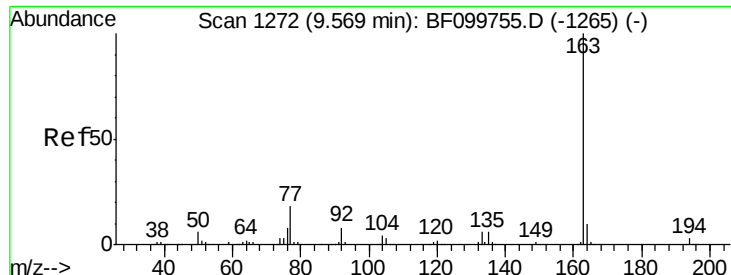
Tot Ion: 65 Resp: 100140
 Ion Ratio Lower Upper
 65 100
 92 78.5 55.8 83.6
 138 141.7 91.2 136.8#



#48
 Acenaphthylene
 Concen: 24.04 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:152 Resp: 581590
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 12.7 10.7 16.1

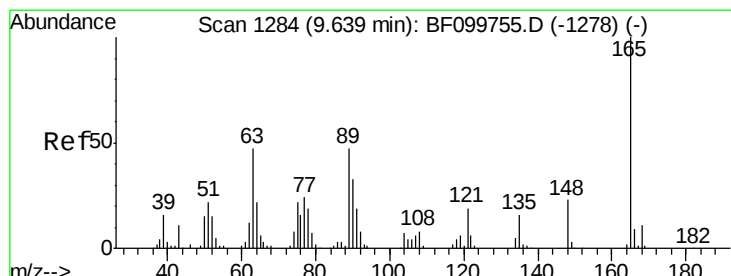
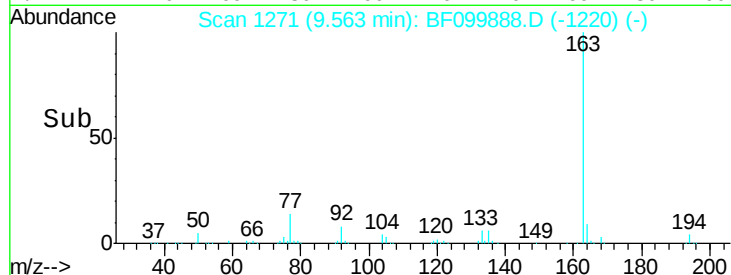
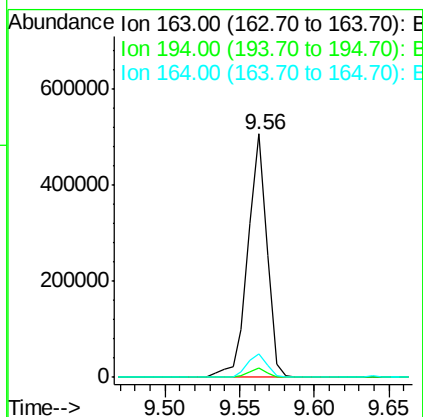
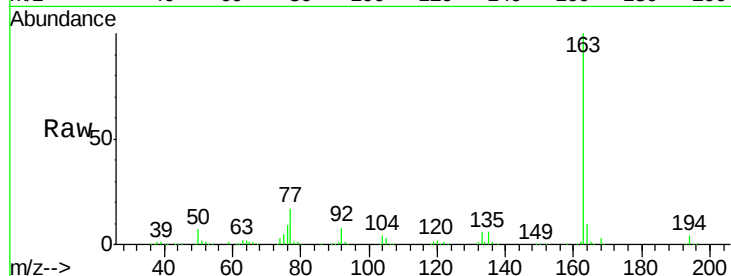




#49
Dimethylphthalate
Concen: 23.57 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

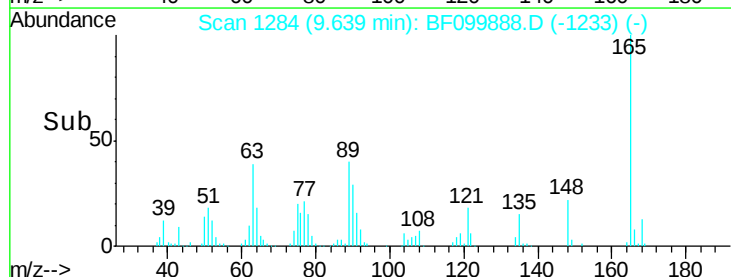
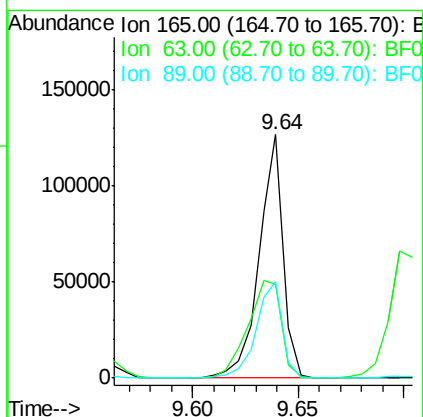
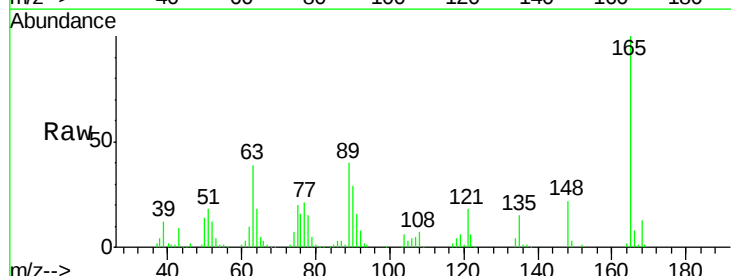
Instrument :
BNA_F
ClientSampleId :

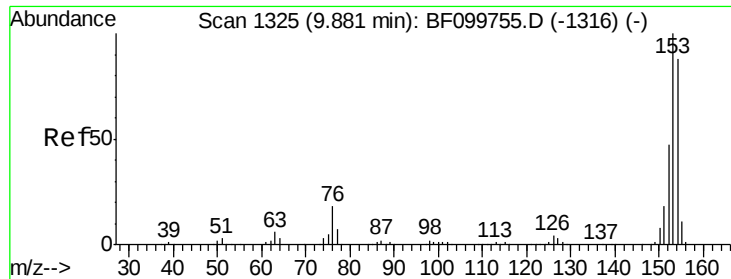
Tot Ion:163 Resp: 446278
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 25.06 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:165 Resp: 99728
Ion Ratio Lower Upper
165 100
63 38.8 44.7 67.1#
89 39.6 44.0 66.0#





#51

Acenaphthene

Concen: 23.60 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

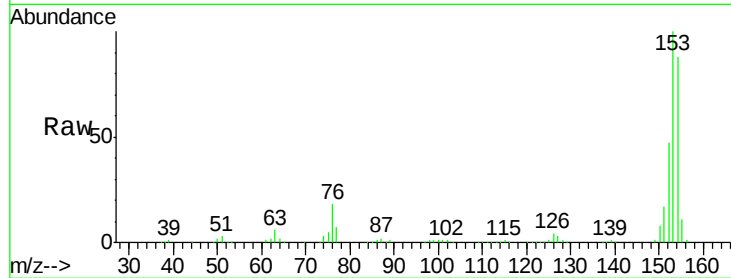
Tot Ion:154 Resp: 348894

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

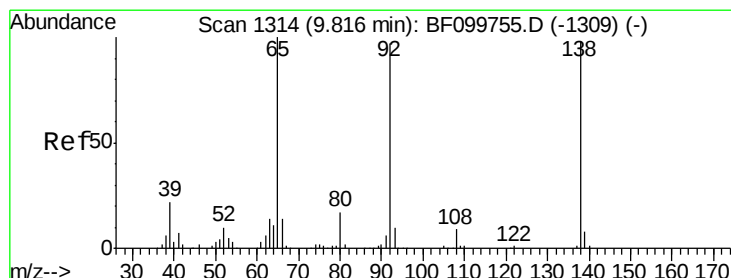
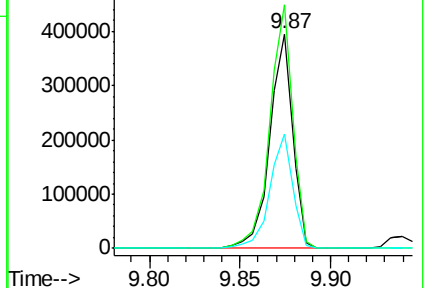
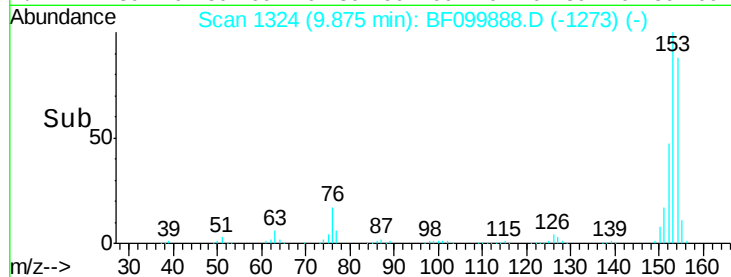
152 53.4 43.8 65.8



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: 11.73 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

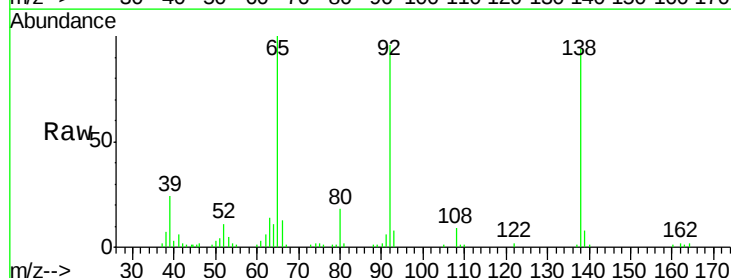
Tgt Ion:138 Resp: 54984

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

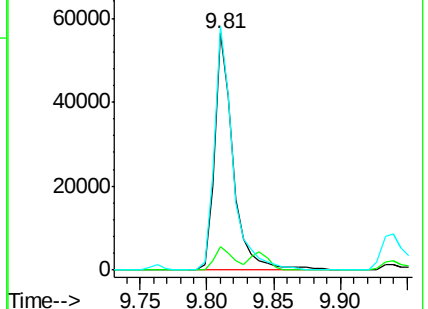
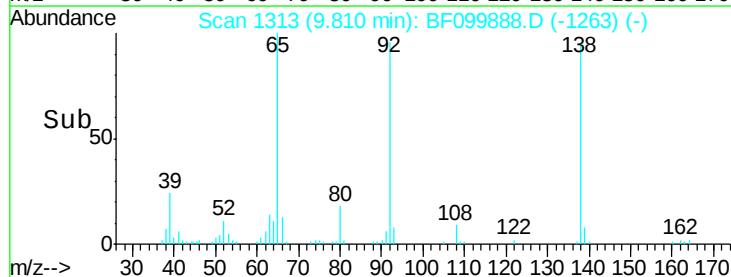
92 102.7 89.4 134.2

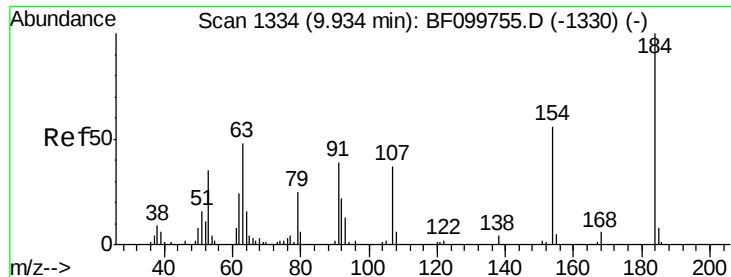


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

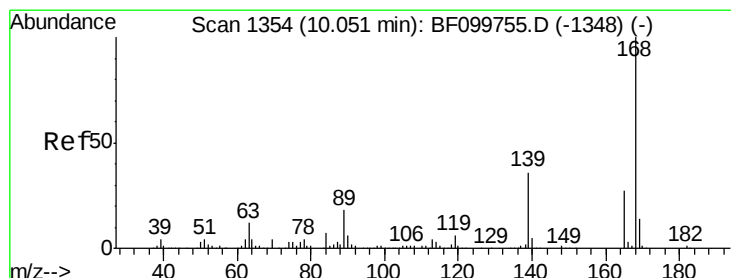
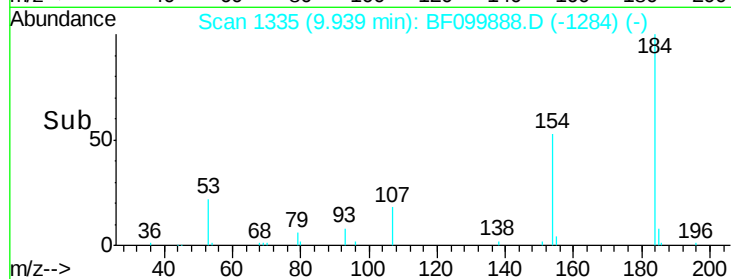
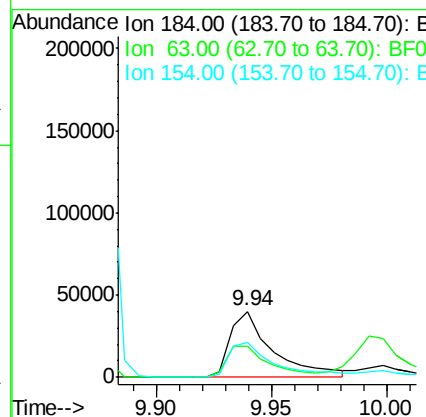
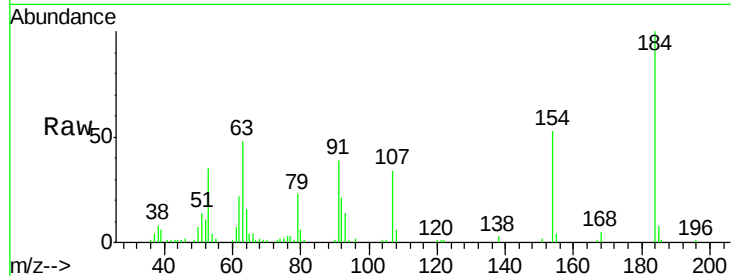




#53
 2,4-Dinitrophenol
 Concen: 35.92 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

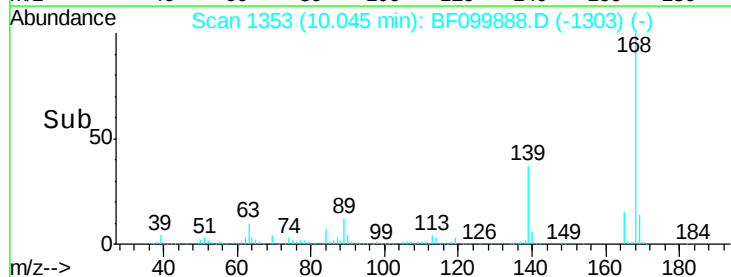
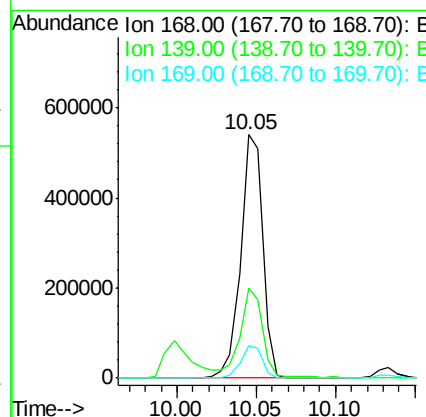
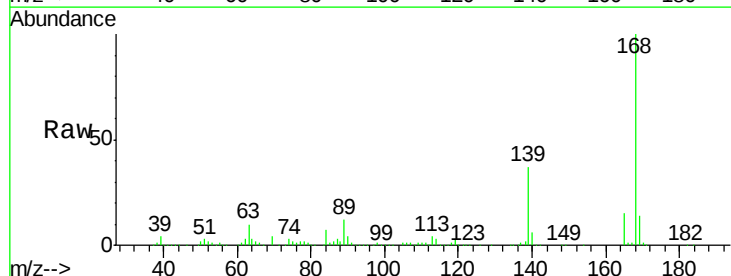
Instrument :
 BNA_F
 ClientSampleId :

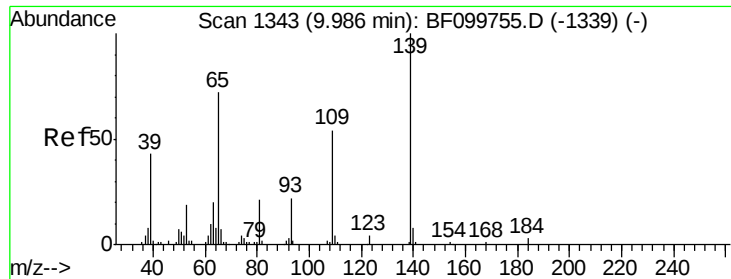
Tot Ion:184 Resp: 51059
 Ion Ratio Lower Upper
 184 100
 63 47.6 54.2 81.2#
 154 52.8 53.5 80.3#



#54
 Dibenzofuran
 Concen: 24.99 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:168 Resp: 521437
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.6 10.9 16.3

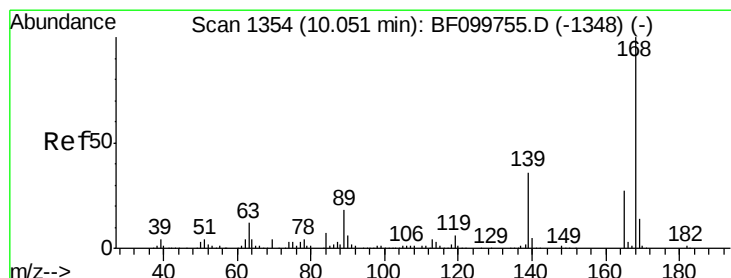
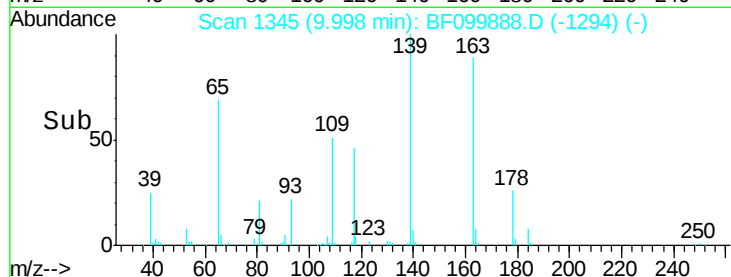
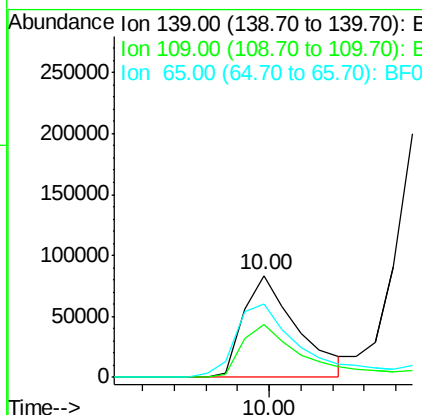
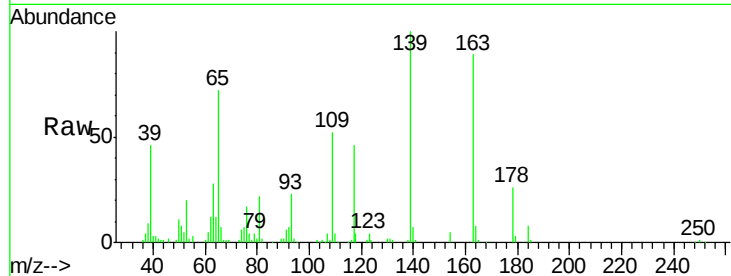




#55
4-Nitrophenol
Concen: 39.86 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

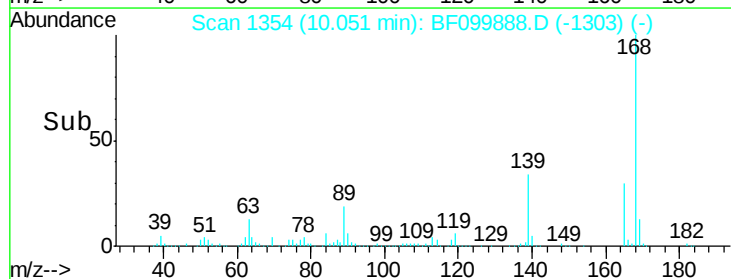
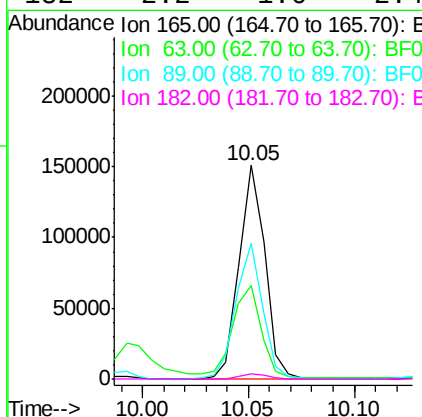
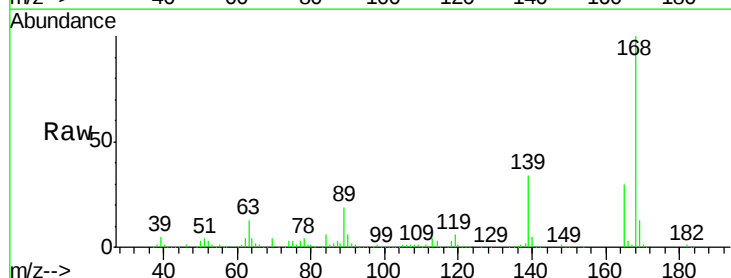
Instrument :
BNA_F
ClientSampled :

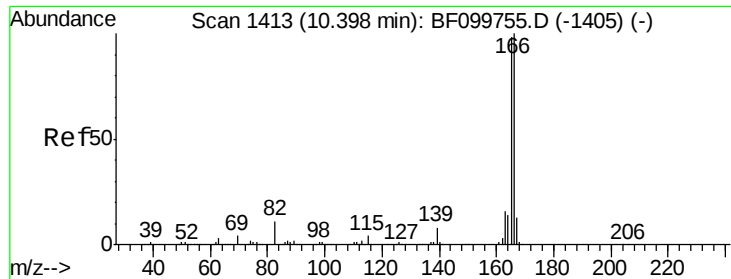
Tot Ion:139 Resp: 97668
Ion Ratio Lower Upper
139 100
109 52.2 48.4 88.4
65 71.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 26.76 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:165 Resp: 128261
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 63.7 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 24.76 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

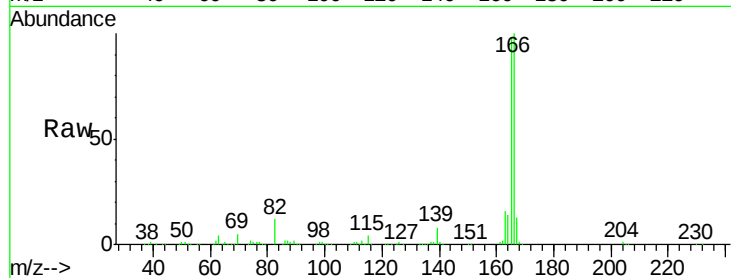
Tot Ion:166 Resp: 427650

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

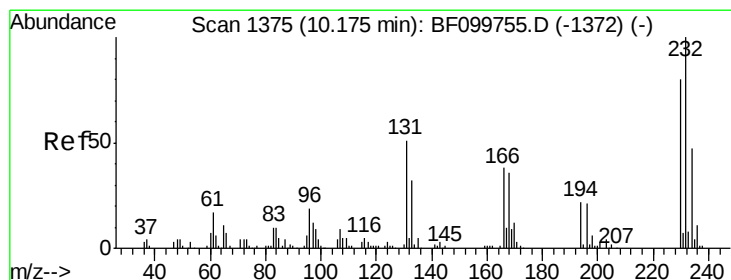
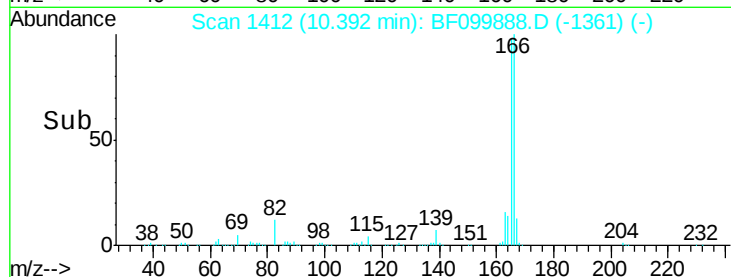
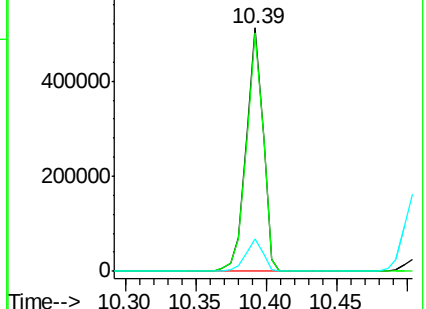
167 13.5 10.6 16.0



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: 26.72 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Tgt Ion:232 Resp: 92864

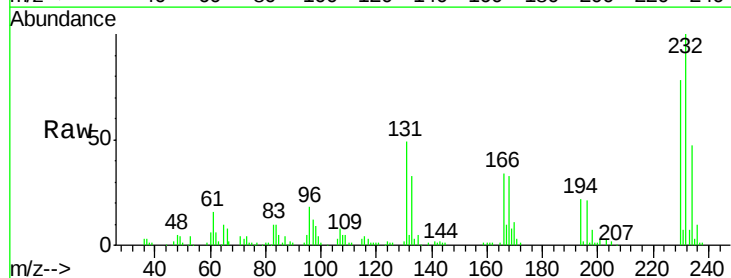
Ion Ratio Lower Upper

232 100

131 46.2 43.8 65.8

130 1.9 2.1 3.1#

166 32.5 27.8 41.6

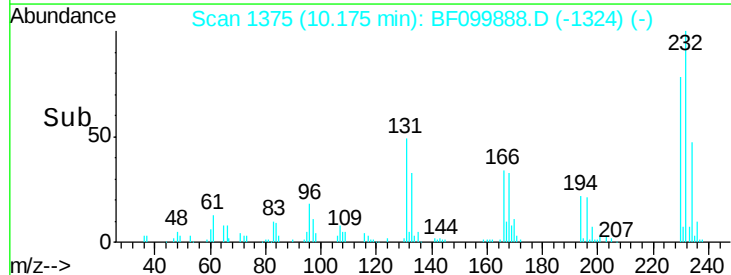
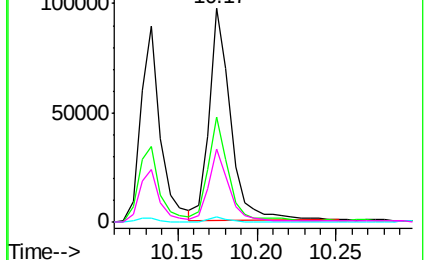


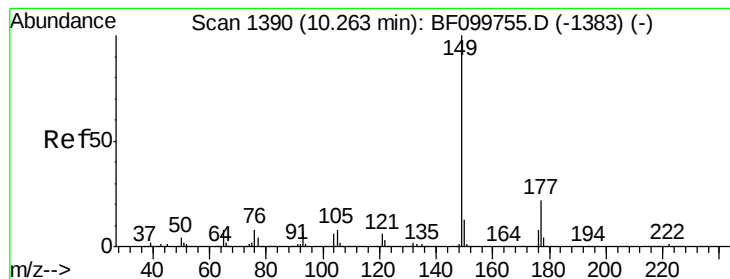
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.10 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

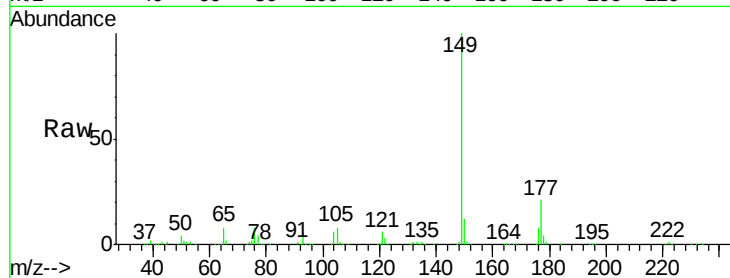
Tot Ion:149 Resp: 445480

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

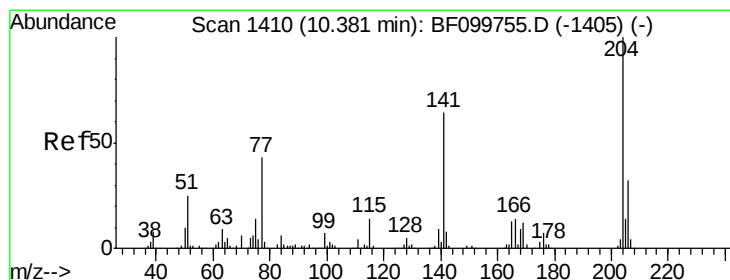
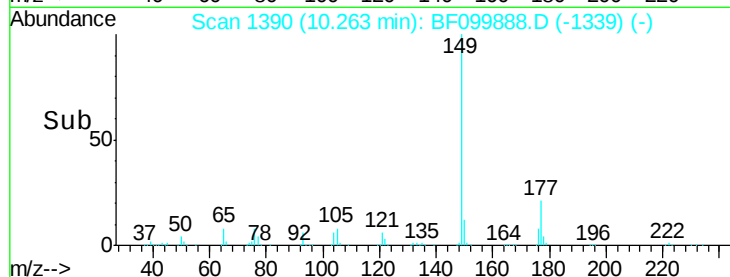
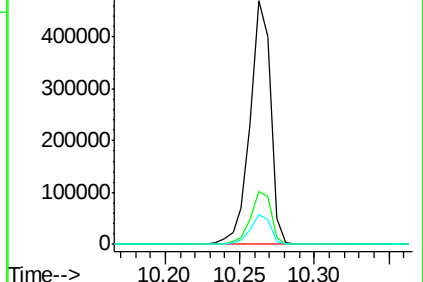
150 12.1 10.1 15.1



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: 24.06 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

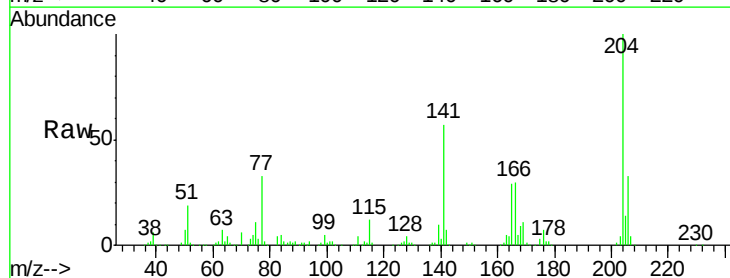
Tgt Ion:204 Resp: 195583

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

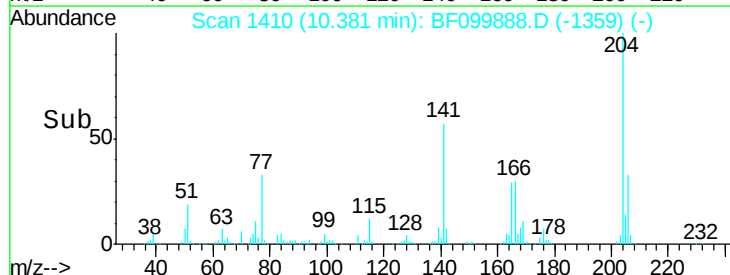
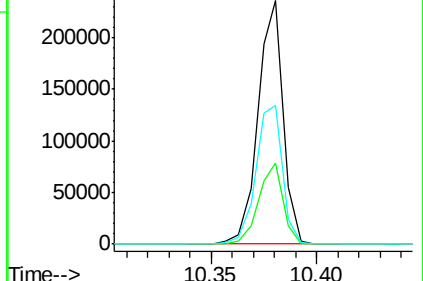
141 56.9 54.6 81.8

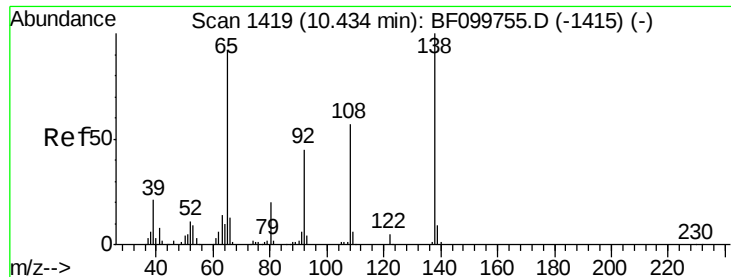


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

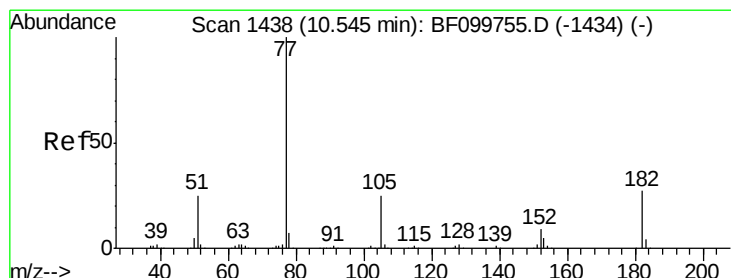
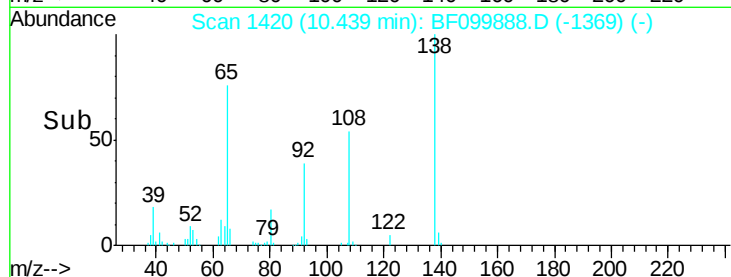
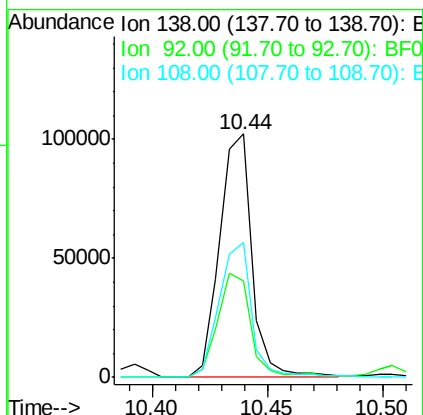
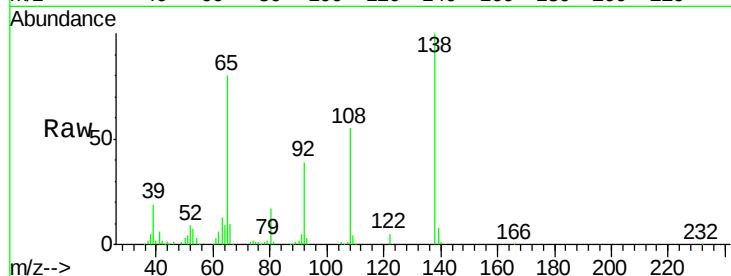




#61
4-Nitroaniline
Concen: 22.27 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

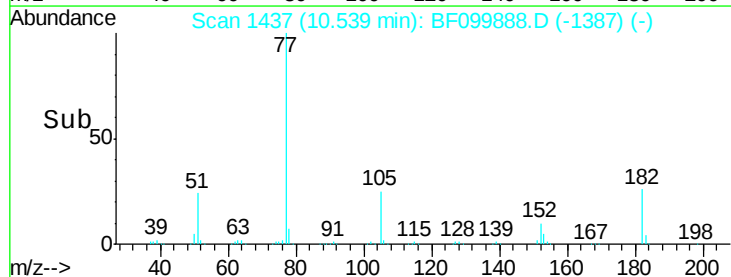
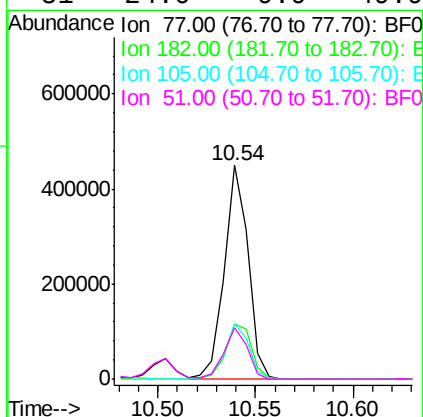
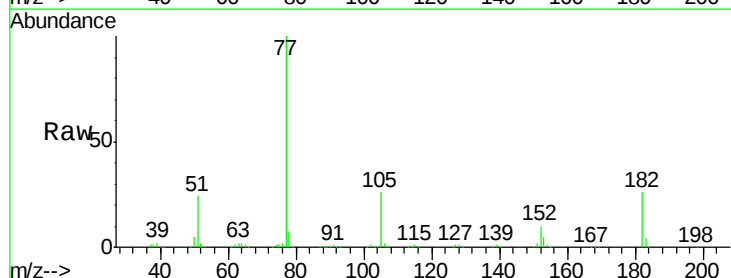
Instrument :
BNA_F
ClientSampleId :

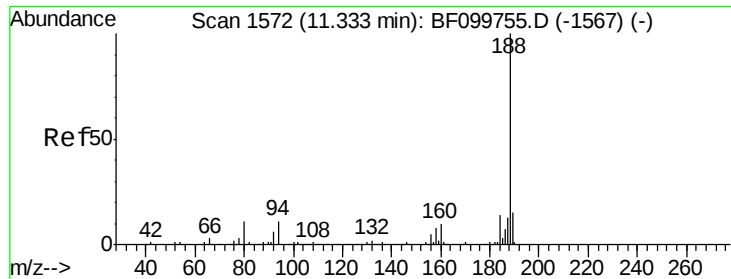
Tot Ion:138 Resp: 99648
Ion Ratio Lower Upper
138 100
92 39.4 30.2 70.2
108 55.2 52.5 92.5



#62
Azobenzene
Concen: 24.50 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion: 77 Resp: 379703
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 25.9 3.0 43.0
51 24.0 9.9 49.9

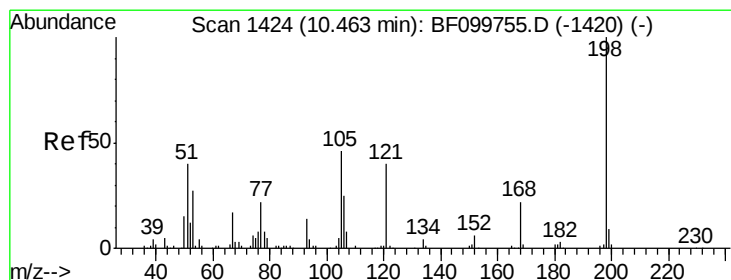
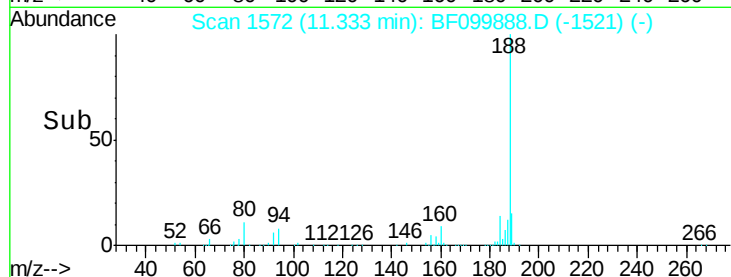
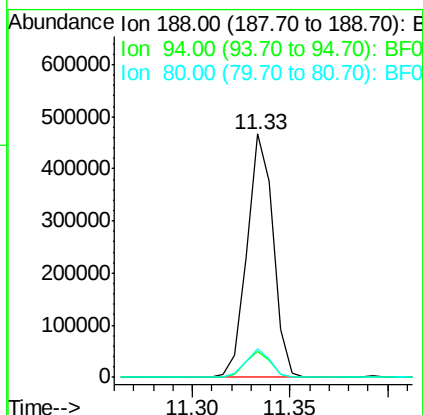
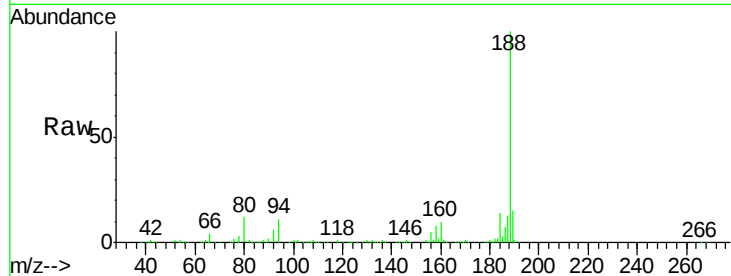




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

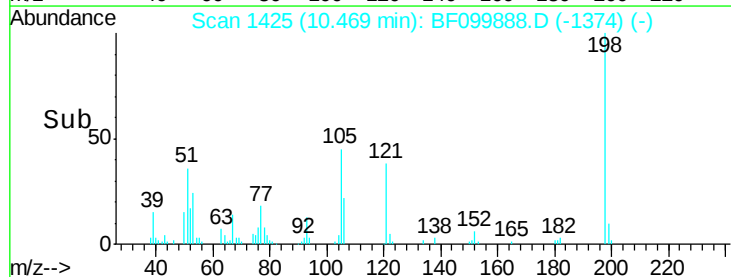
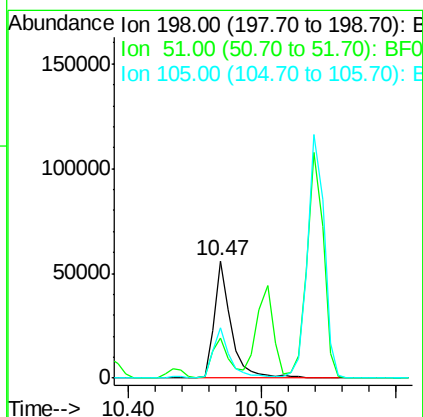
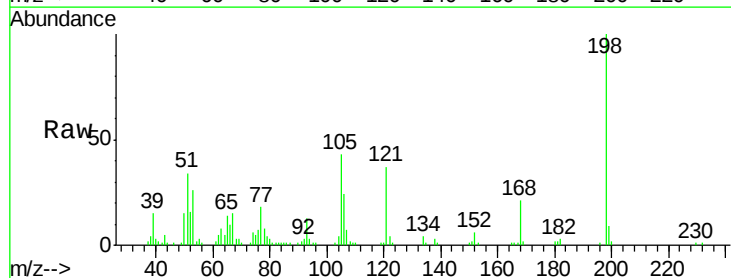
Instrument :
BNA_F
ClientSampleId :

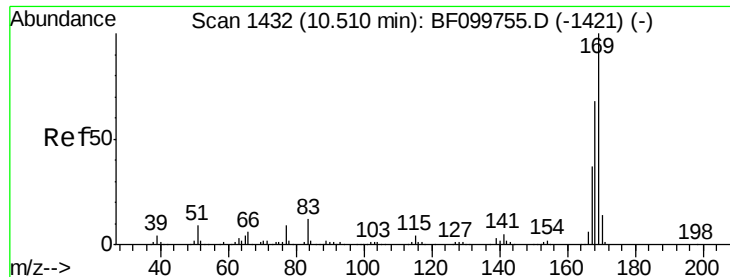
Tot Ion:188 Resp: 431226
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 18.63 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:198 Resp: 50491
Ion Ratio Lower Upper
198 100
51 34.5 37.7 77.7#
105 42.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 23.72 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

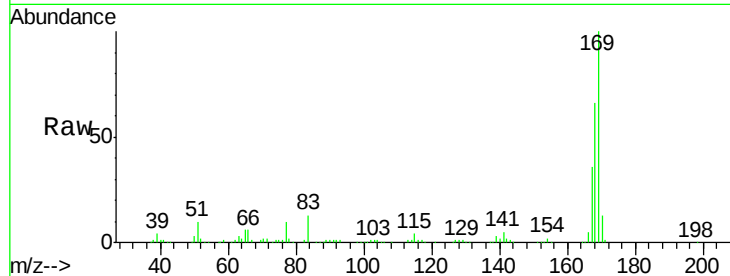
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 377569

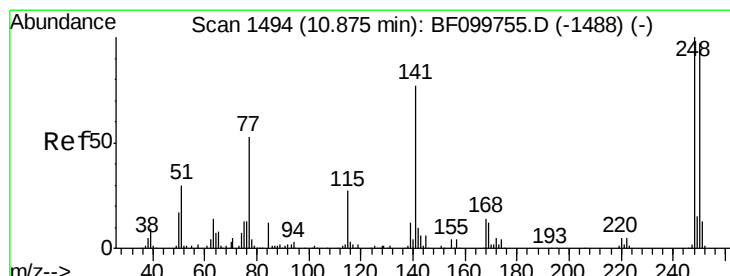
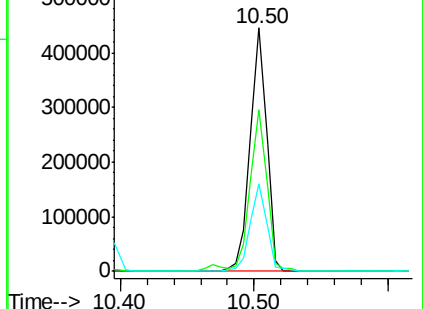
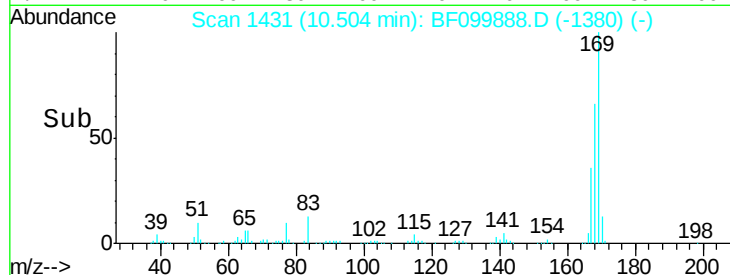
Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	36.2	29.8	44.6



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: 25.01 ng

RT: 10.87 min Scan# 1493

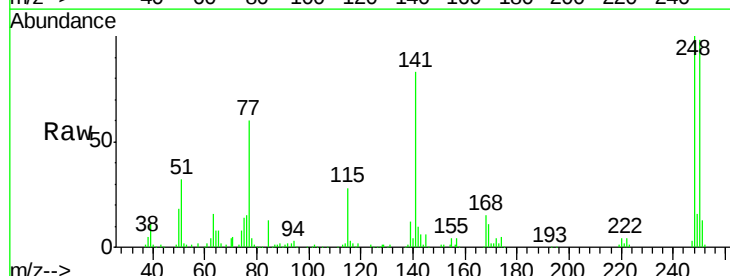
Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Tgt Ion:248 Resp: 113549

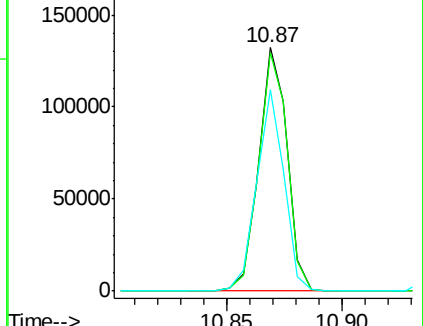
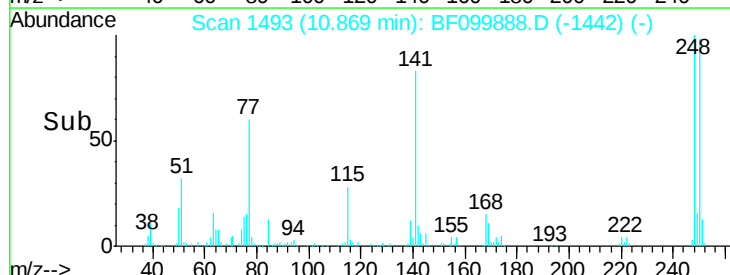
Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.9	115.3
141	82.8	74.4	111.6

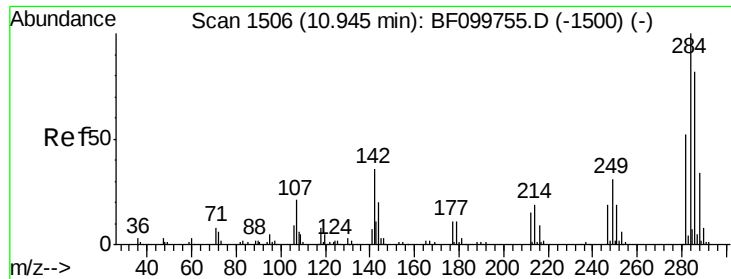


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

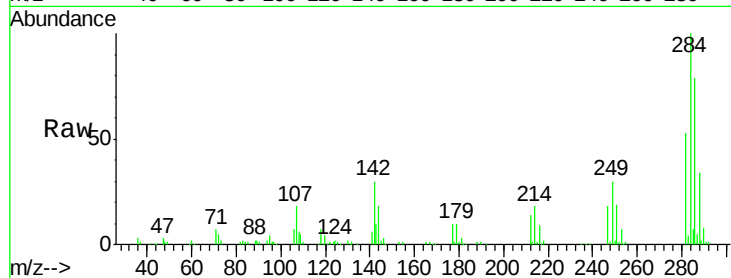




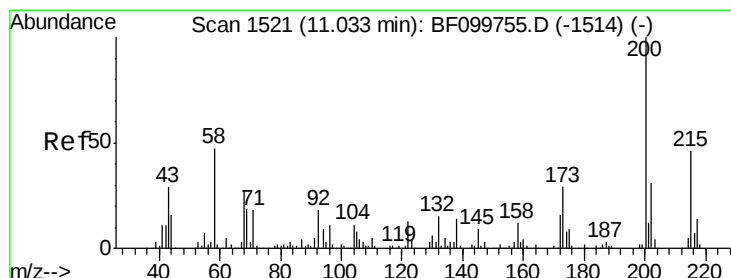
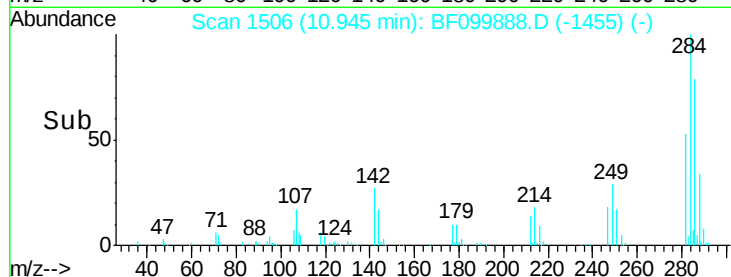
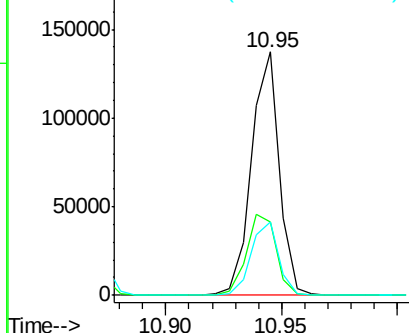
#67
Hexachlorobenzene
Concen: 24.84 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 115359
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 30.1 24.8 37.2

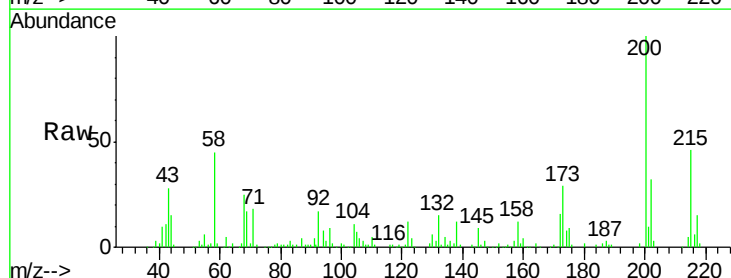


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

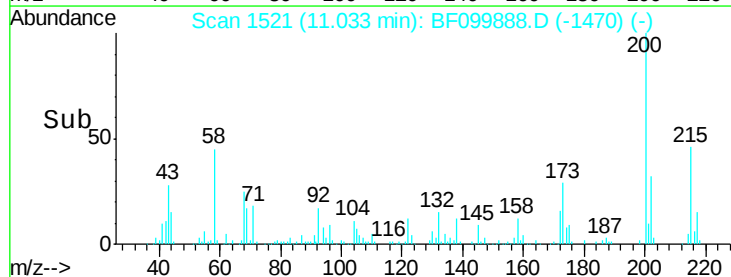
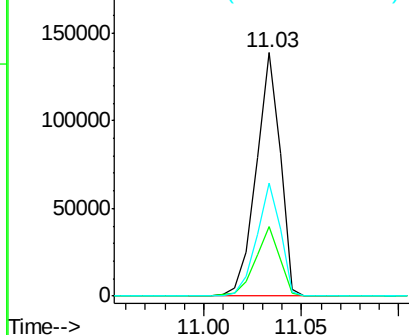


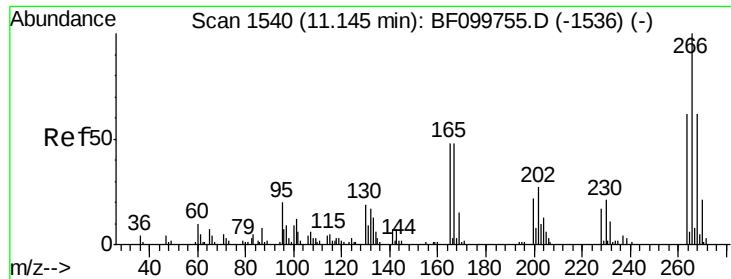
#68
Atrazine
Concen: 24.74 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:200 Resp: 118321
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.3 25.1 65.1



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

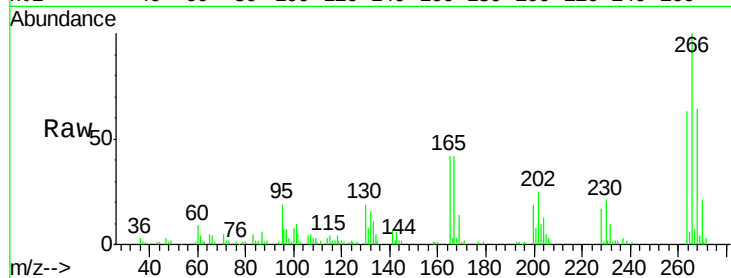




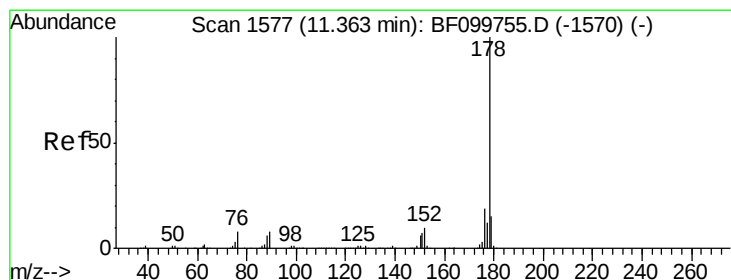
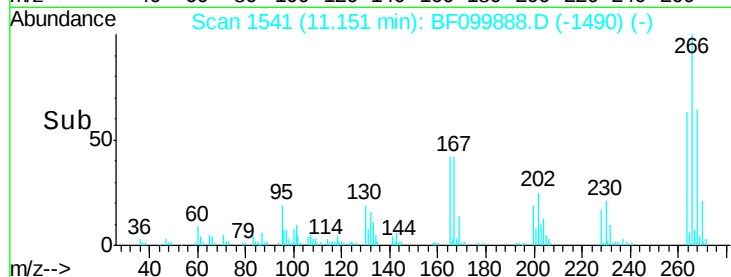
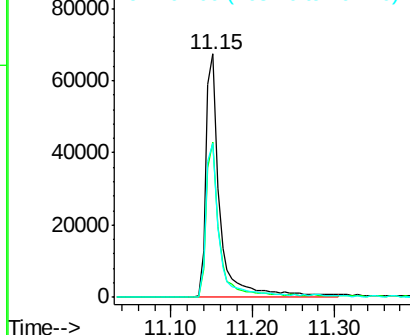
#69
 Pentachlorophenol
 Concen: 41.00 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 81372
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.2 49.5 74.3

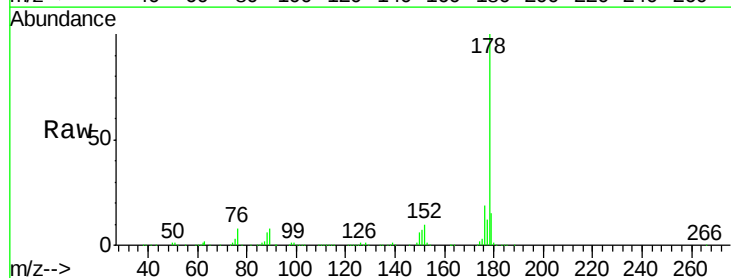


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

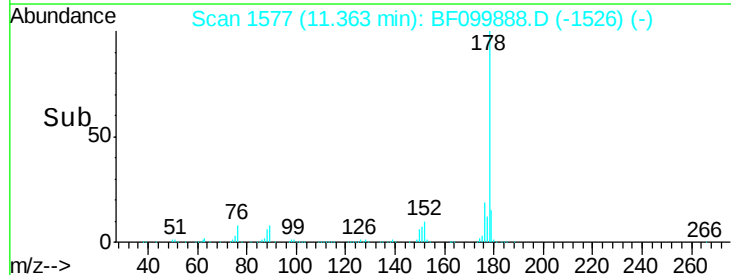
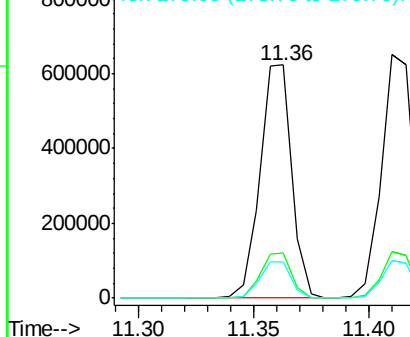


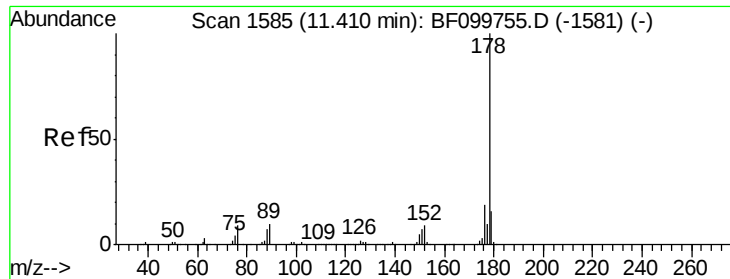
#70
 Phenanthrene
 Concen: 24.55 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:178 Resp: 597442
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

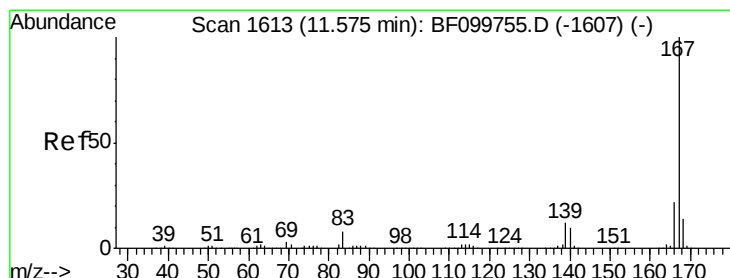
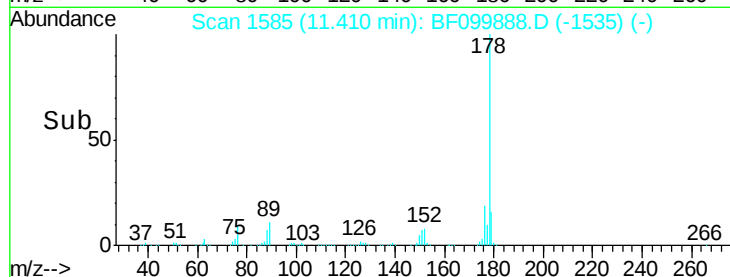
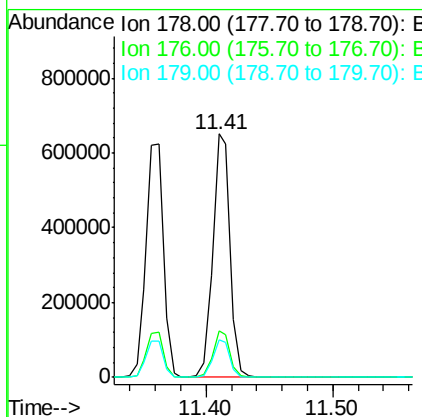
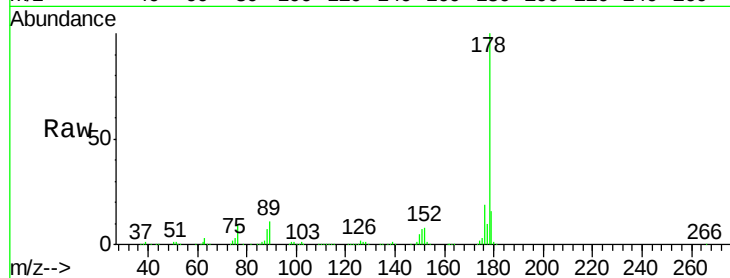




#71
 Anthracene
 Concen: 25.34 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

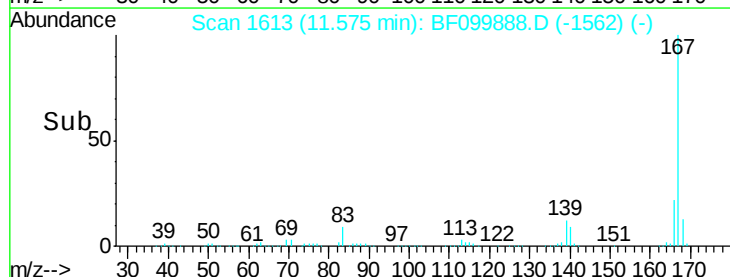
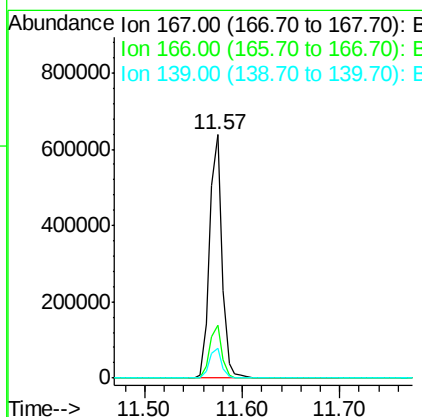
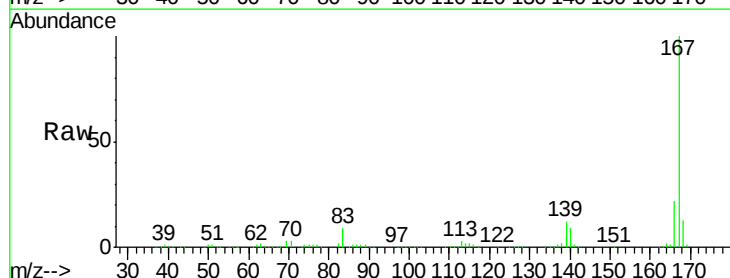
Instrument :
 BNA_F
 ClientSampleId :

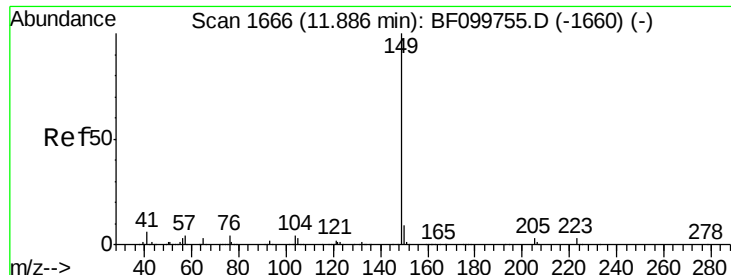
Tot Ion:178 Resp: 625847
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 24.35 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:167 Resp: 565686
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 24.29 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampled :

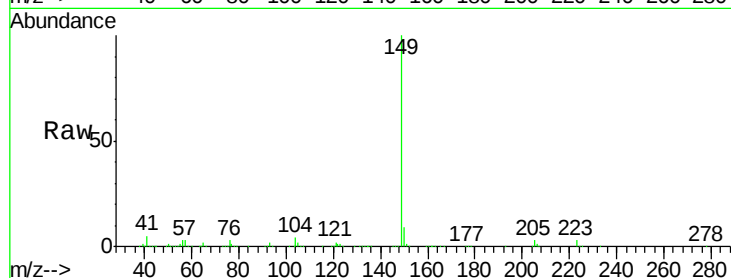
Tot Ion:149 Resp: 719653

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

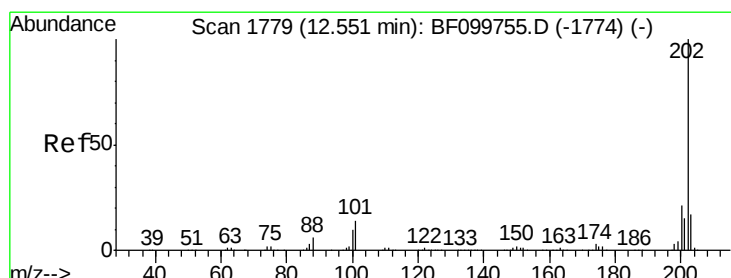
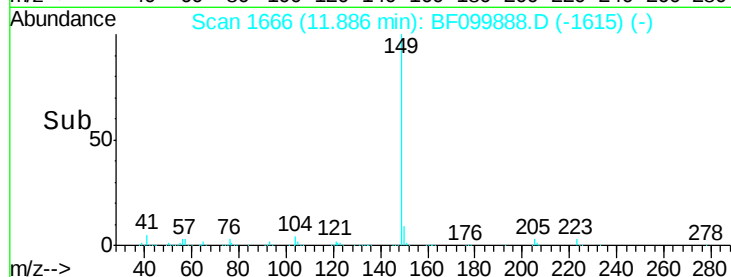
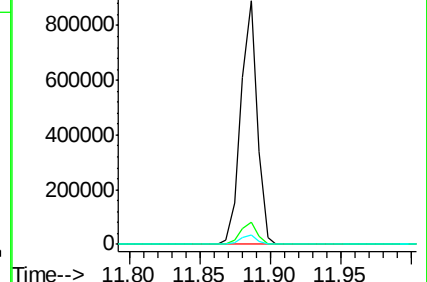
104 3.8 3.8 5.8



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: 24.30 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

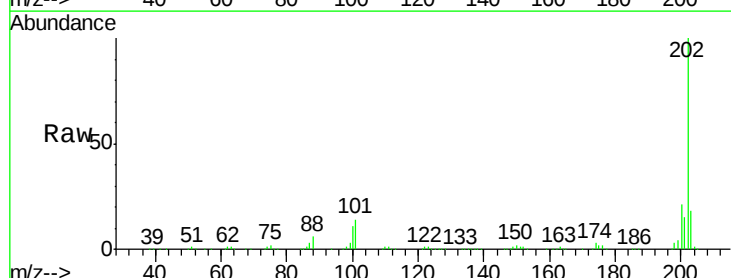
Tgt Ion:202 Resp: 614526

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

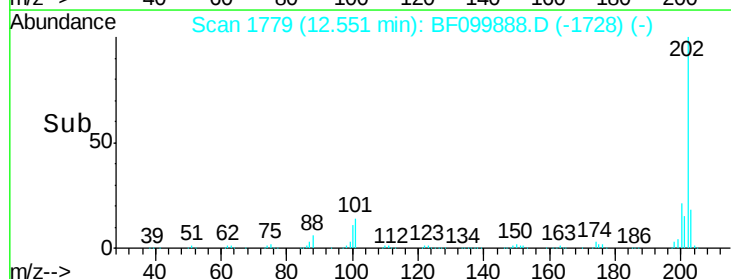
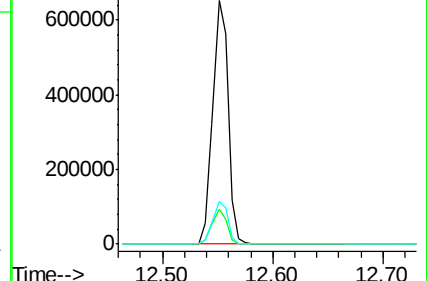
203 17.6 0.0 38.1

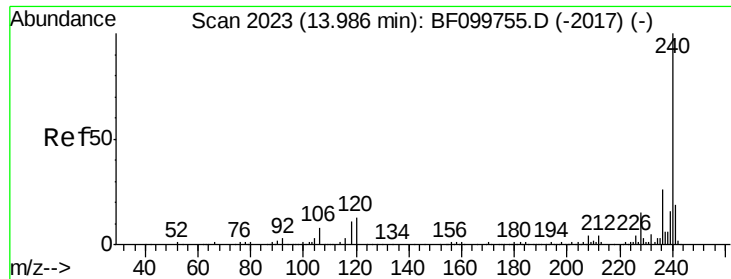


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

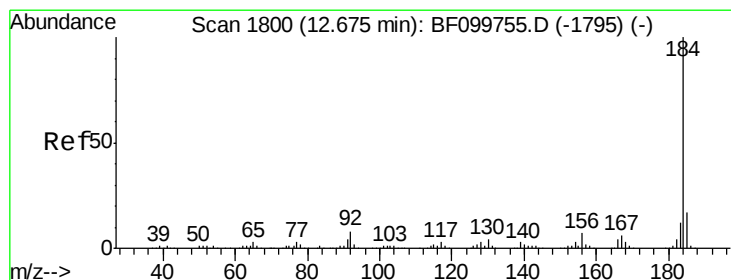
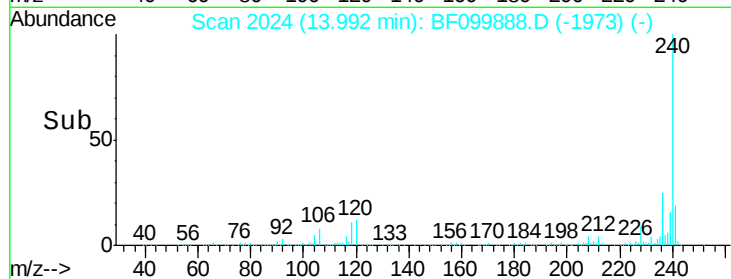
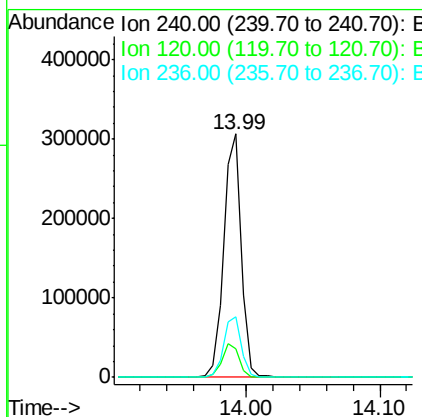
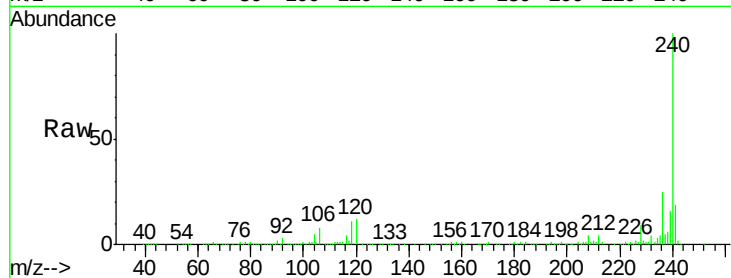




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

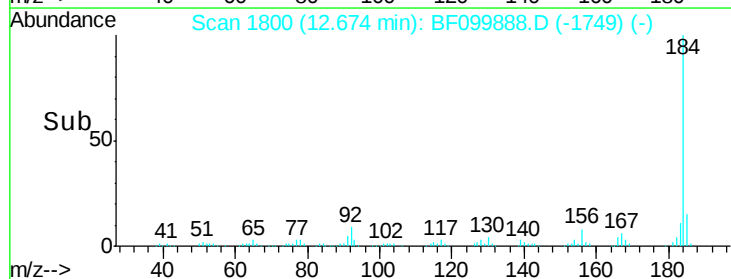
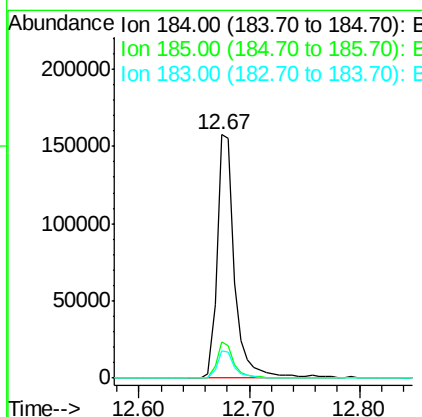
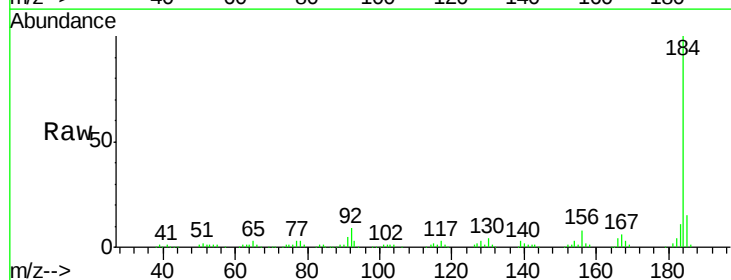
Instrument :
 BNA_F
 ClientSampleId :

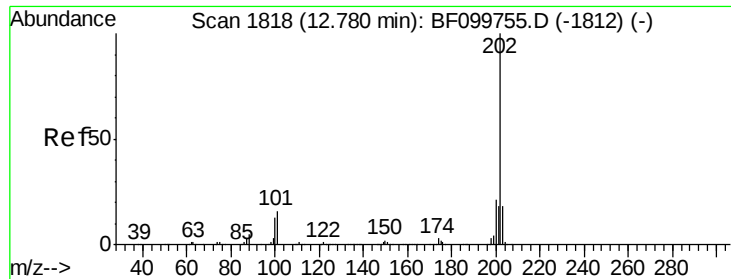
Tot Ion:240 Resp: 284498
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 24.9 20.7 31.1



#76
 Benzidine
 Concen: 13.97 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:184 Resp: 173925
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.6 18.8
 183 11.4 9.3 13.9

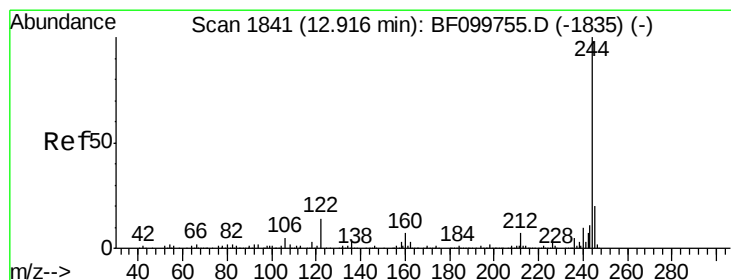
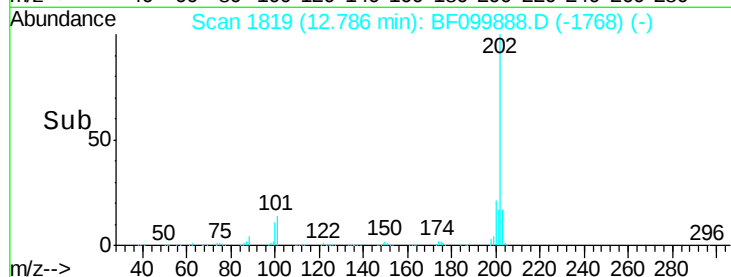
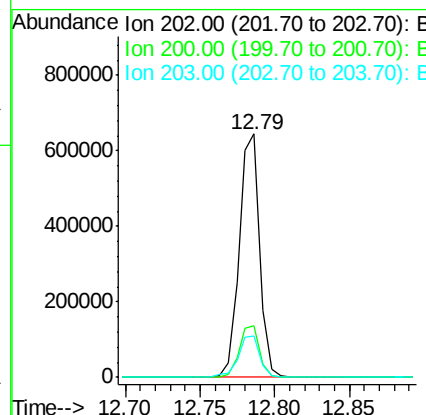
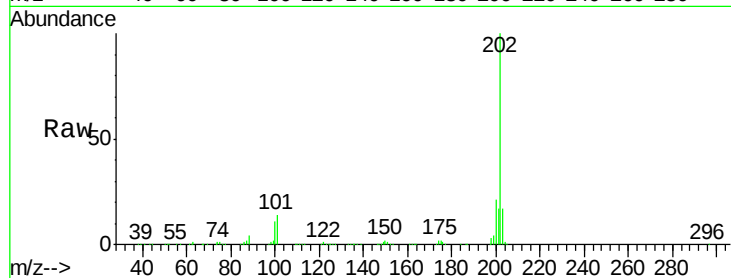




#77
Pvrene
Concen: 28.63 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

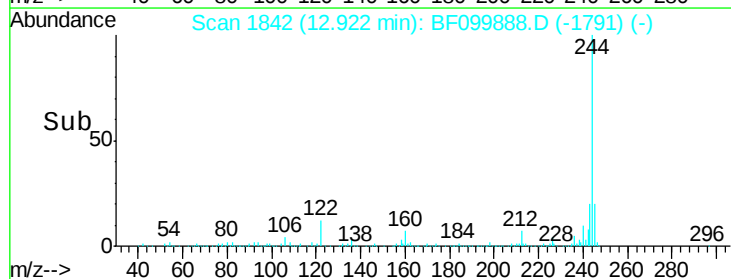
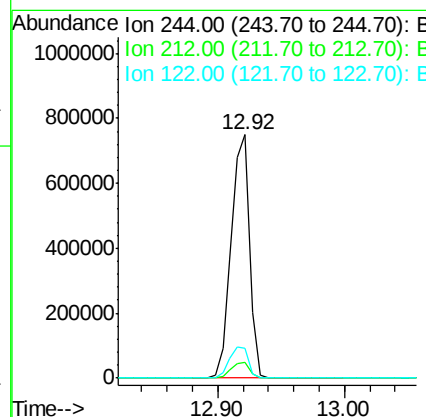
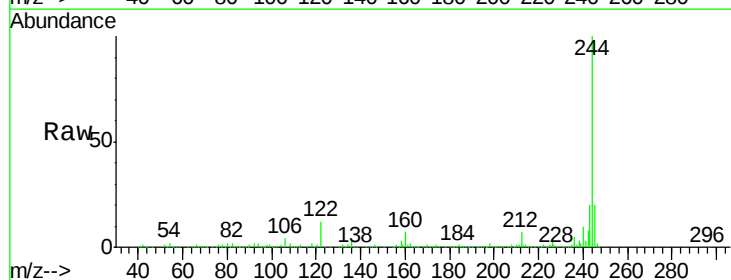
Instrument :
BNA_F
ClientSampleId :

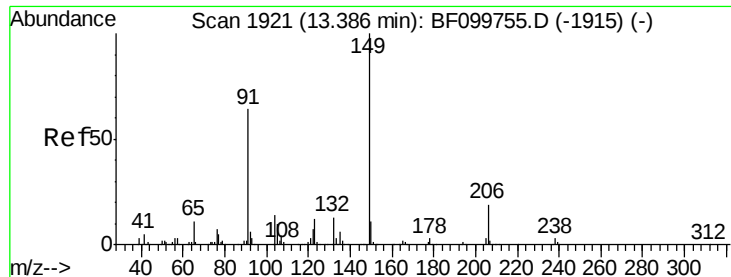
Tot Ion:202 Resp: 619294
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 57.31 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:244 Resp: 746123
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 12.4 11.0 16.4

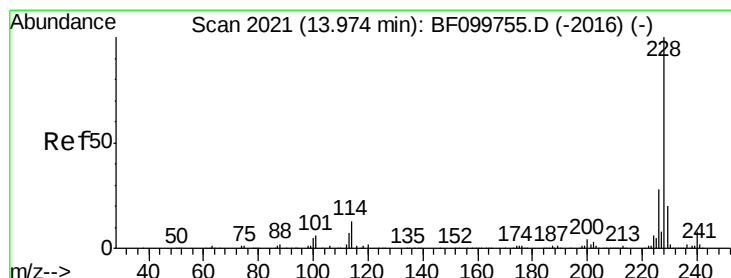
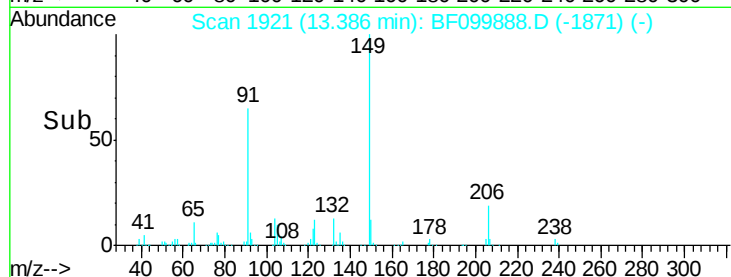
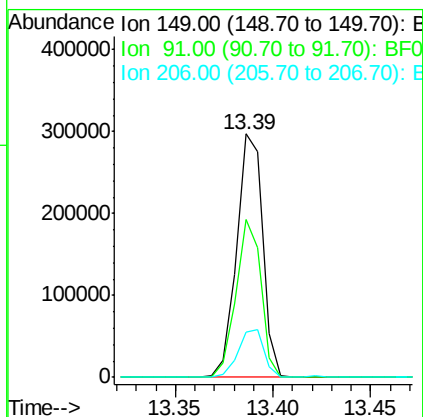
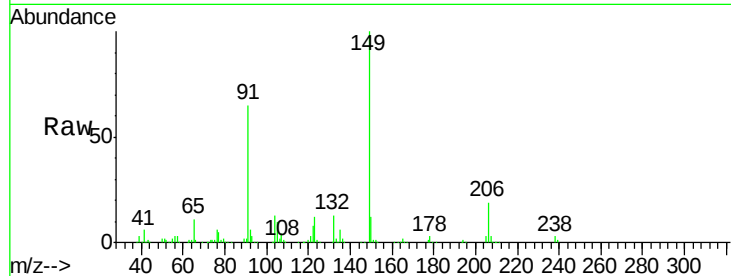




#79
Butylbenzylphthalate
Concen: 25.82 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

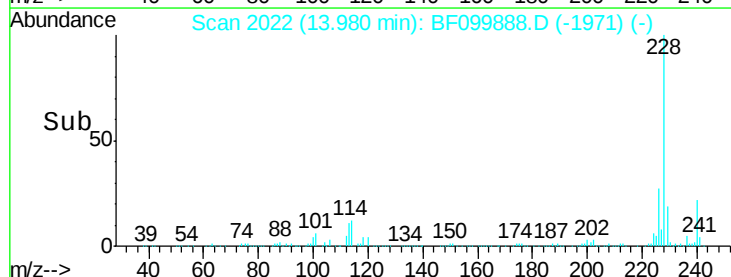
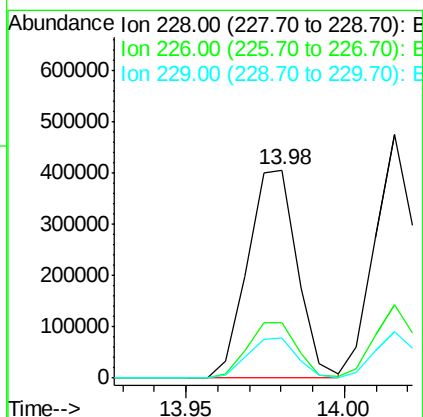
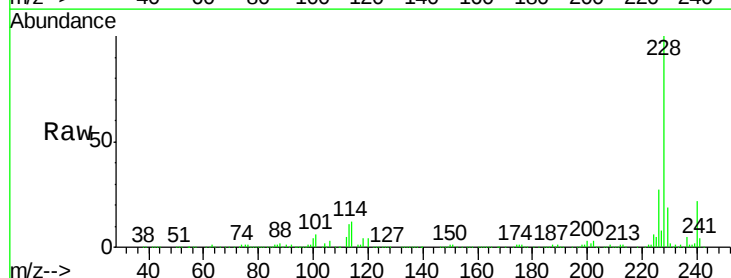
Instrument :
BNA_F
ClientSampleId :

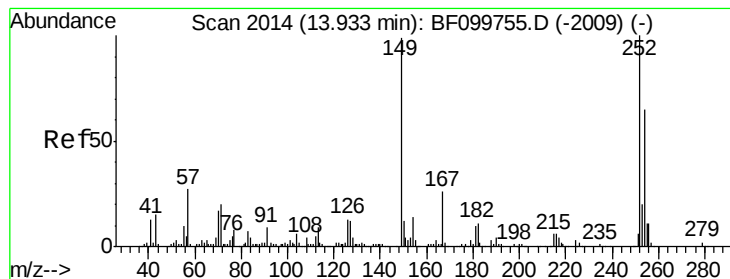
Tot Ion:149 Resp: 275044
Ion Ratio Lower Upper
149 100
91 64.9 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 24.45 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099888.D
Acq: 27 Oct 2017 21:23

Tgt Ion:228 Resp: 440994
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.3 15.8 23.6

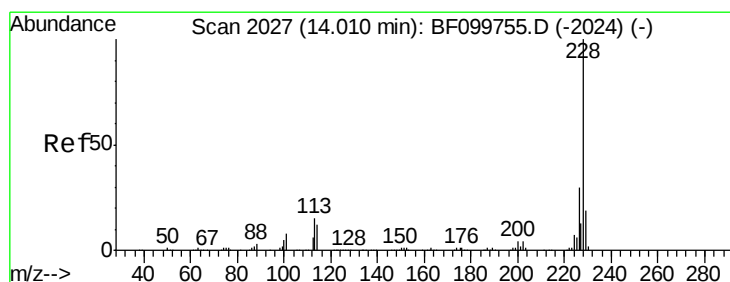
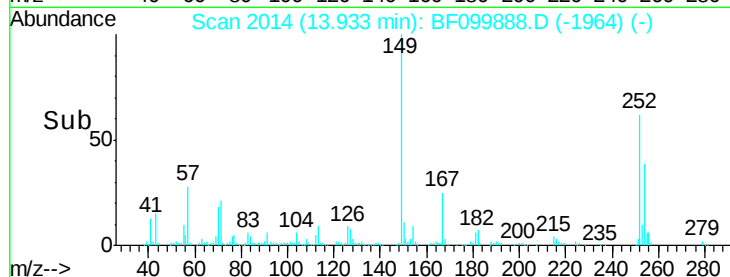
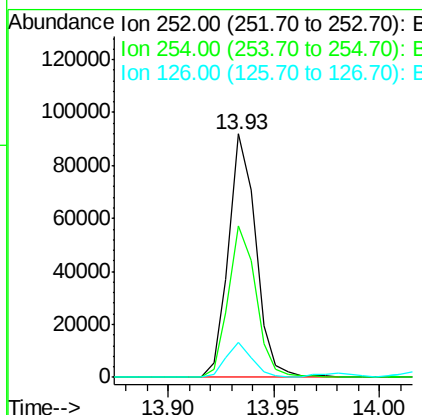
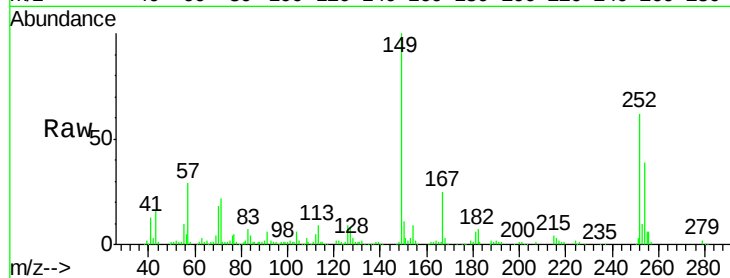




#81
 3,3'-Dichlorobenzidine
 Concen: 12.59 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

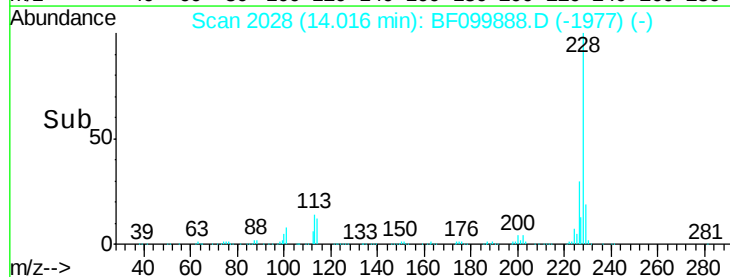
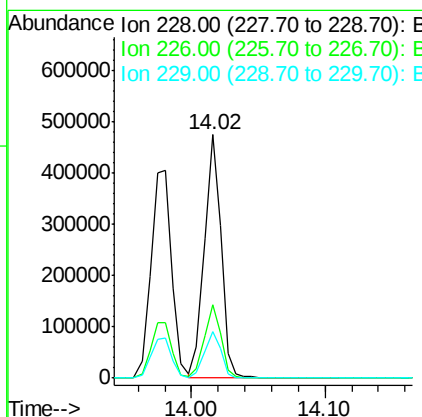
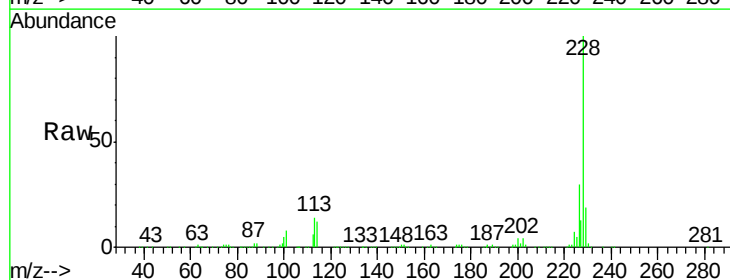
Instrument :
 BNA_F
 ClientSampleId :

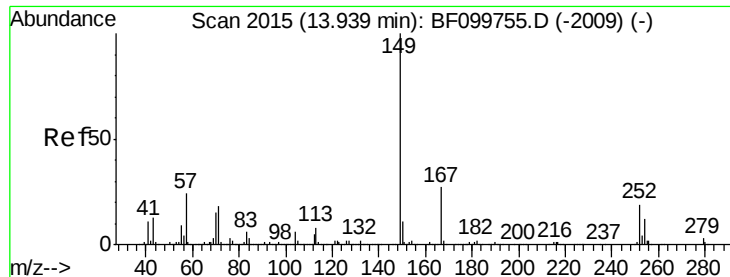
Tot Ion:252 Resp: 82440
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 14.4 11.3 16.9



#82
 Chrysene
 Concen: 24.51 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion:228 Resp: 415526
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.95 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

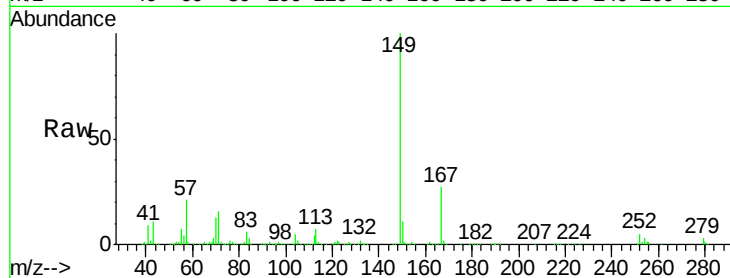
Tot Ion:149 Resp: 373174

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

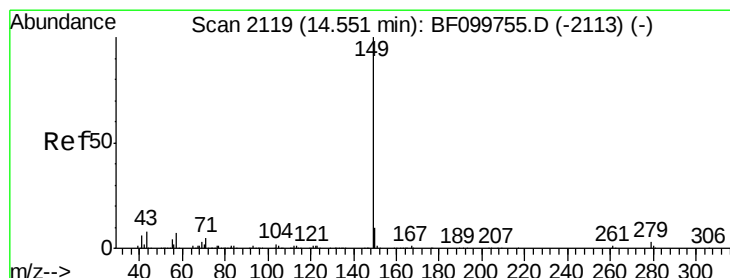
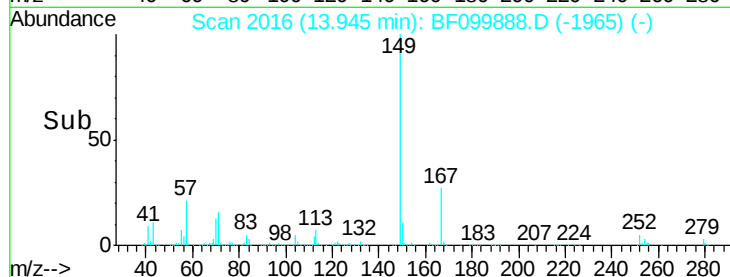
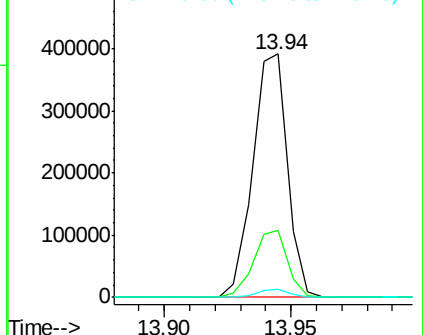
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 20.92 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

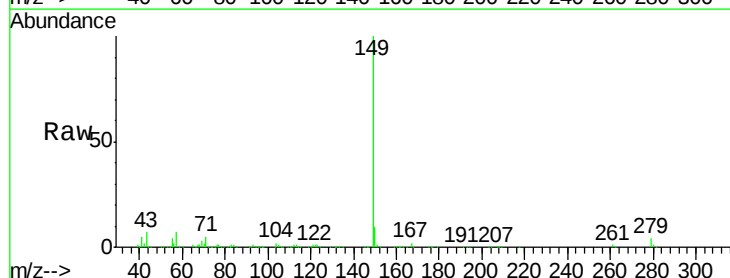
Tgt Ion:149 Resp: 537052

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

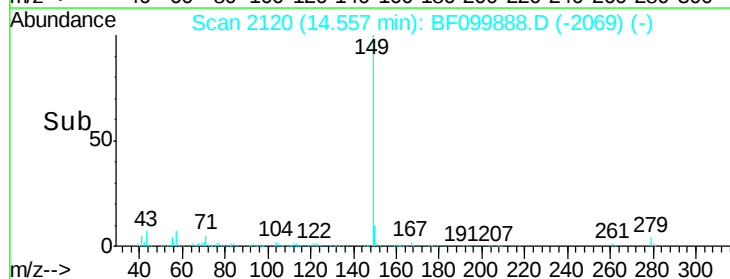
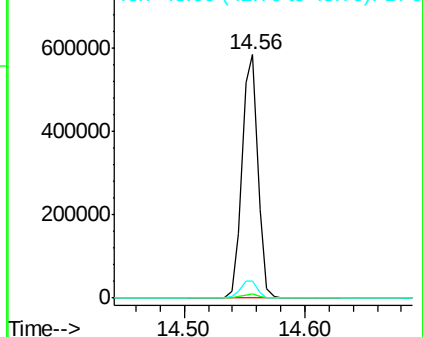
43 7.3 8.4 12.6#

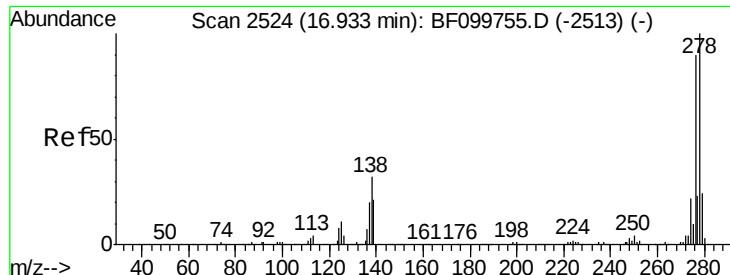


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

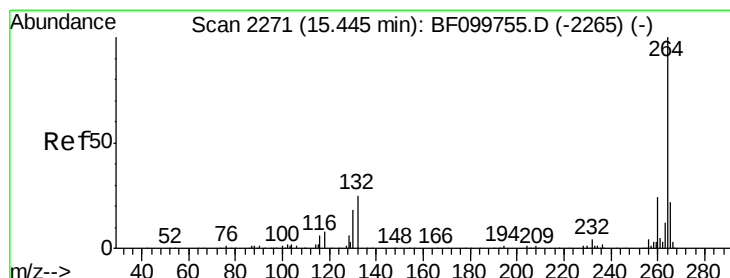
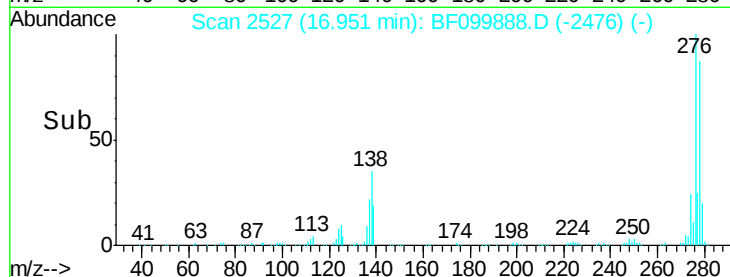
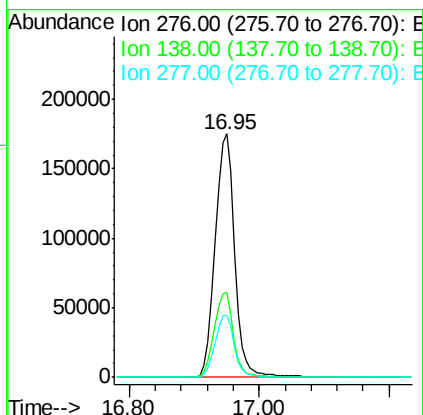
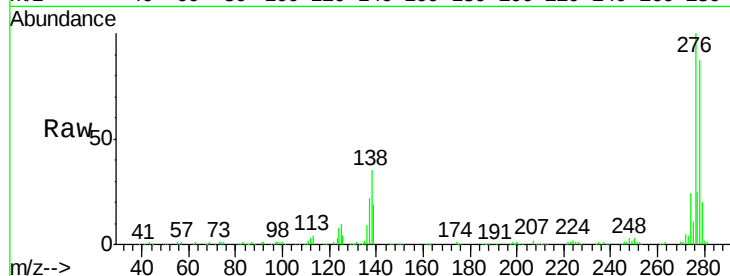




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.37 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

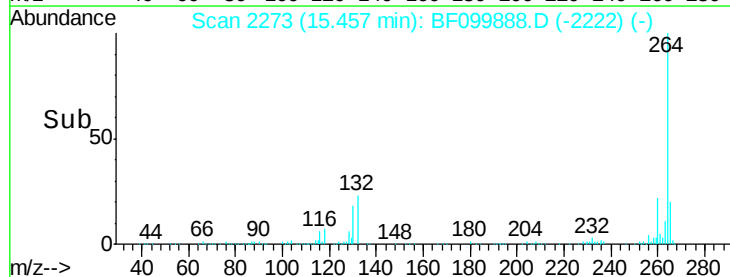
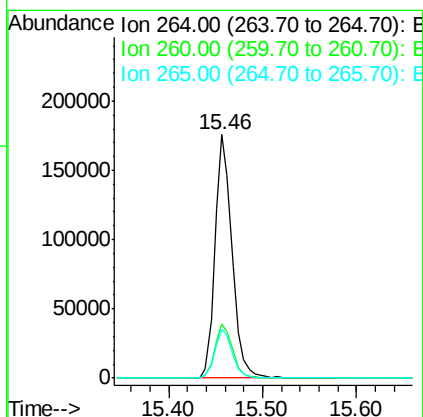
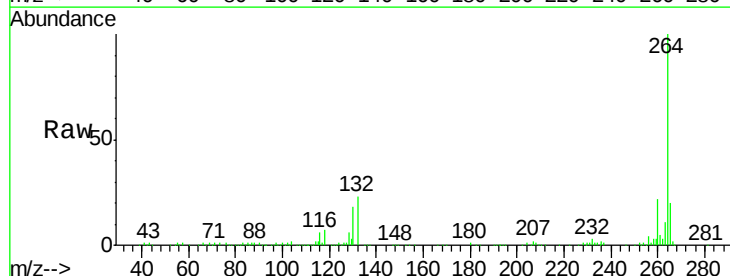
Instrument :
 BNA_F
 ClientSampleId :

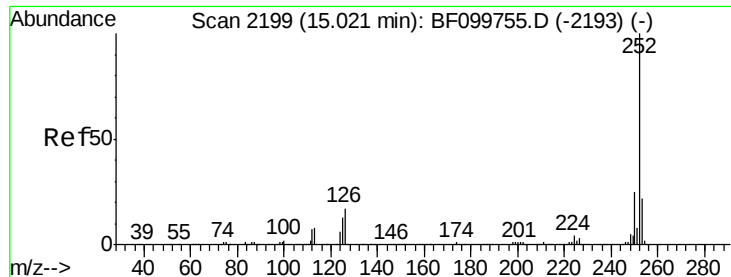
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 24.10 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

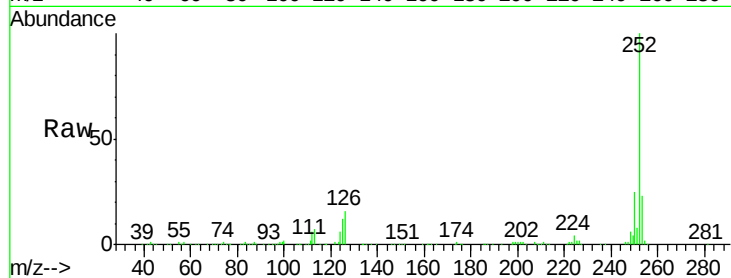
Tot Ion:252 Resp: 342486

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

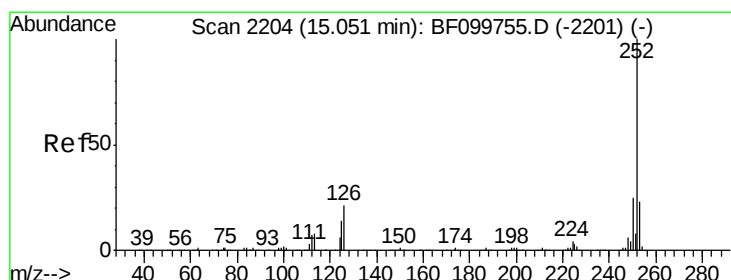
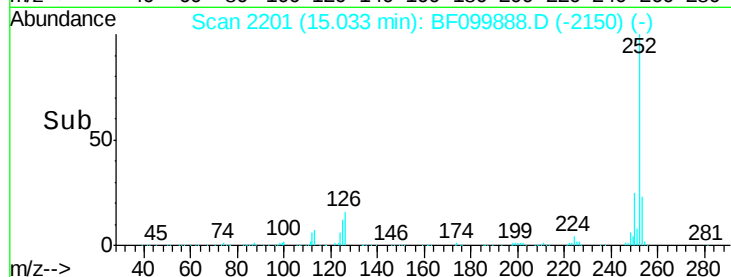
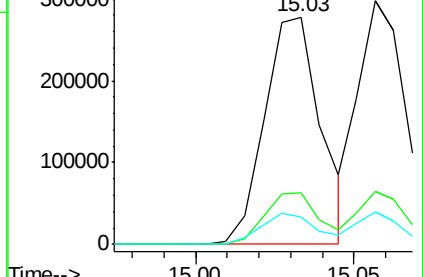
125 12.0 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 23.80 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

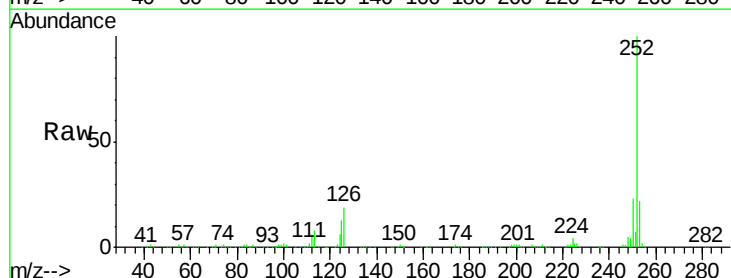
Tgt Ion:252 Resp: 318917

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

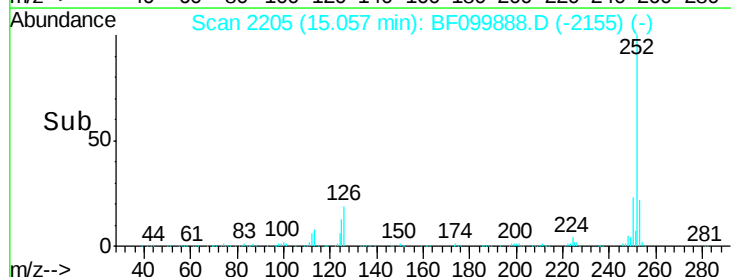
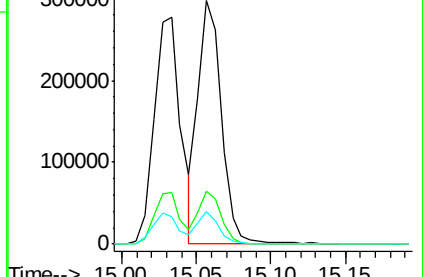
125 13.1 10.2 15.2

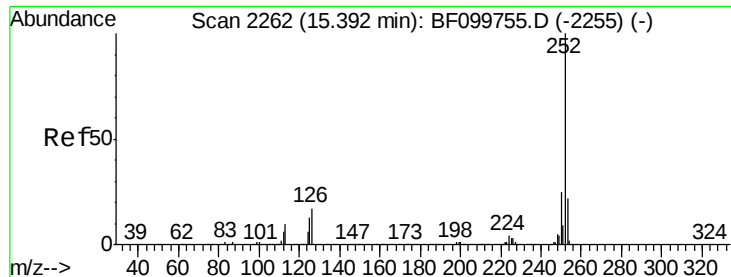


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.85 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

Instrument :

BNA_F

ClientSampleId :

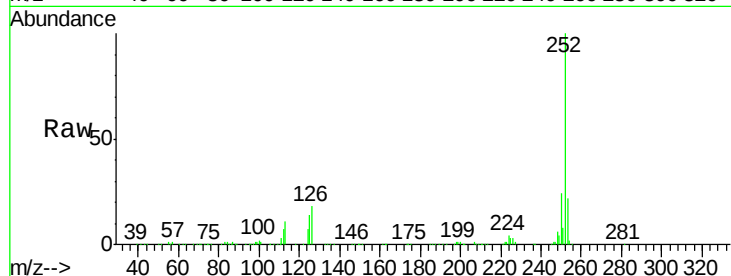
Tot Ion:252 Resp: 317170

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

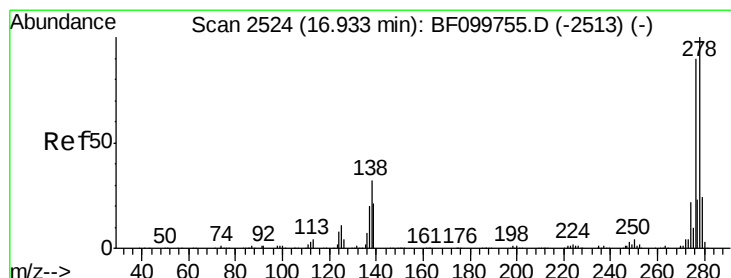
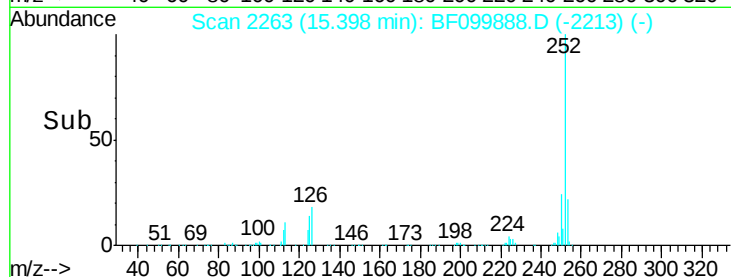
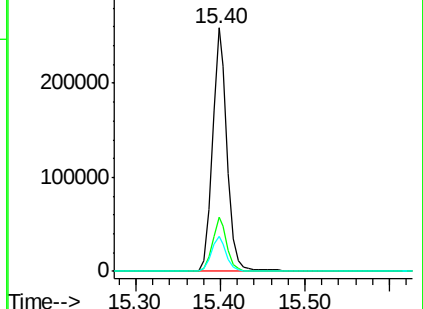
125 14.2 9.8 14.6



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: 26.89 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BF099888.D

Acq: 27 Oct 2017 21:23

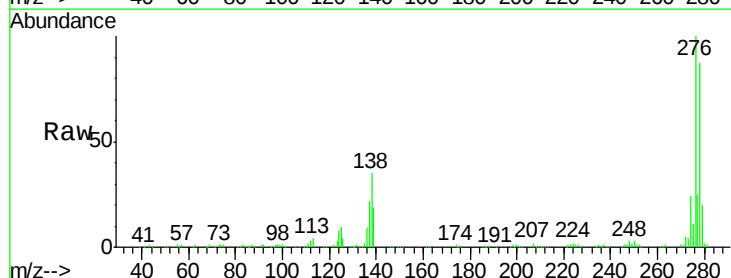
Tgt Ion:278 Resp: 304920

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

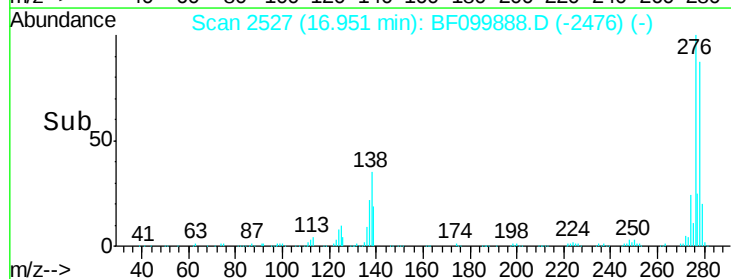
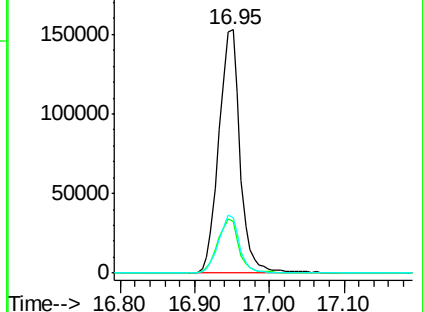
279 22.7 19.0 28.4

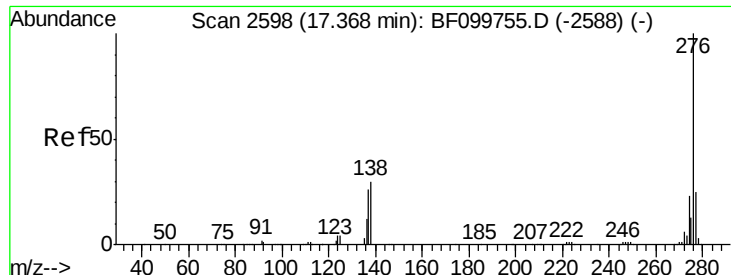


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

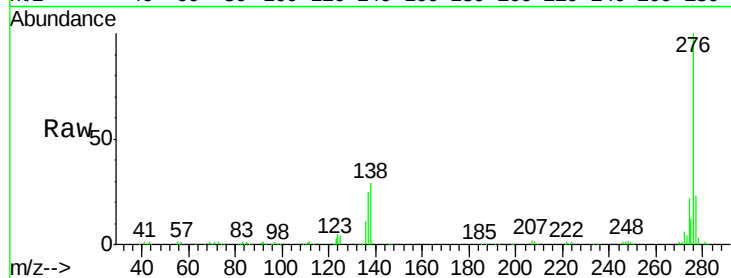




#91
 Benzo(a,h,i)perylene
 Concen: 28.73 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF099888.D
 Acq: 27 Oct 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.0	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

