

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099412.D
 Acq On : 12 Oct 2017 23:20
 Operator : SJ/JU
 Sample : I5729-11MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:56:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130742	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	520384	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	207788	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	290052	20.00	ng	0.00
75) Chrysene-d12	14.02	240	228763	20.00	ng	0.00
86) Perylene-d12	15.49	264	191282	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	989424	120.47	ng	0.02
7) Phenol-d6	6.50	99	1197310	118.18	ng	0.01
23) Nitrobenzene-d5	7.43	82	716532	88.30	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	177072	104.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1156557	92.92	ng	0.00
78) Terphenyl-d14	12.96	244	752462	74.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	134913	34.39	ng	95
3) Pyridine	3.47	79	394496	37.17	ng	93
4) n-Nitrosodimethylamine	3.43	42	159745	35.50	ng	# 78
6) Aniline	6.53	93	322023	23.55	ng	98
8) 2-Chlorophenol	6.65	128	371440	39.94	ng	95
9) Benzaldehyde	6.41	77	136077	23.15	ng	93
10) Phenol	6.52	94	472695	41.72	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	358219	40.67	ng	98
12) 1,3-Dichlorobenzene	6.80	146	389110	39.95	ng	97
13) 1,4-Dichlorobenzene	6.87	146	393650	39.72	ng	97
14) 1,2-Dichlorobenzene	7.03	146	362597	39.60	ng	98
15) Benzyl Alcohol	7.00	79	277955	37.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	484848	35.33	ng	89
17) 2-Methylphenol	7.12	107	307789	40.44	ng	96
18) Hexachloroethane	7.36	117	117714	33.05	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	230460	35.63	ng	93
20) 3+4-Methylphenols	7.27	107	353396	36.71	ng	# 75
22) Acetophenone	7.27	105	481156	38.16	ng	# 96
24) Nitrobenzene	7.45	77	364491	39.60	ng	92
25) Isophorone	7.68	82	677975	40.41	ng	98
26) 2-Nitrophenol	7.76	139	187509	42.36	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	312725	37.41	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	444779	42.54	ng	99
29) 2,4-Dichlorophenol	8.00	162	300872	41.92	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	298246	41.55	ng	99
31) Naphthalene	8.16	128	997486	40.81	ng	100
32) Benzoic acid	7.87	122	19206	2.80	ng	96
33) 4-Chloroaniline	8.21	127	124615	12.21	ng	94
34) Hexachlorobutadiene	8.27	225	144711	39.14	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	300993	37.31	ng	96
37) 2-Methylnaphthalene	8.85	142	663872	41.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263045	42.45	ng	98
40) Hexachlorocyclopentadiene	9.00	237	22225	7.85	ng	92
42) 2,4,6-Trichlorophenol	9.13	196	184065	41.93	ng	99

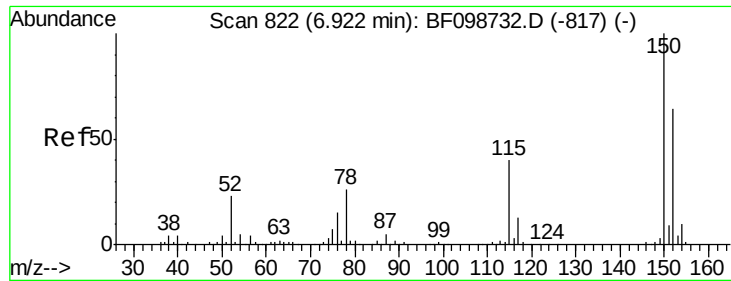
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	188361	42.98	nq	97
45) 1,1'-Biphenyl	9.32	154	741996	41.55	nq	98
46) 2-Chloronaphthalene	9.34	162	572331	42.68	nq	98
47) 2-Nitroaniline	9.44	65	172141	41.93	nq	93
48) Acenaphthylene	9.76	152	831605	40.52	nq	99
49) Dimethylphthalate	9.62	163	870017	55.48	nq	100
50) 2,6-Dinitrotoluene	9.68	165	144915	42.44	nq	92
51) Acenaphthene	9.93	154	485152	37.31	nq	100
52) 3-Nitroaniline	9.85	138	136895	34.39	nq	92
53) 2,4-Dinitrophenol	9.97	184	1424	6.57	nq	97
54) Dibenzofuran	10.10	168	712656	41.17	nq	98
55) 4-Nitrophenol	10.02	139	181104	53.80	nq	83
56) 2,4-Dinitrotoluene	10.09	165	167699	37.85	nq	92
57) Fluorene	10.44	166	535663	38.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	117526	38.82	nq	95
59) Diethylphthalate	10.31	149	637367	41.59	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	255731	40.91	nq	98
61) 4-Nitroaniline	10.47	138	139099	36.22	nq	85
62) Azobenzene	10.59	77	531146	37.70	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	4633	2.63	nq	86
65) n-Nitrosodiphenylamine	10.55	169	488209	48.59	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	137399	48.39	nq	# 89
67) Hexachlorobenzene	10.99	284	131017	43.21	nq	99
68) Atrazine	11.07	200	142526	47.14	nq	99
69) Pentachlorophenol	11.19	266	110080	58.33	nq	98
70) Phenanthrene	11.40	178	669241	43.11	nq	99
71) Anthracene	11.46	178	668638	42.09	nq	99
72) Carbazole	11.61	167	623257	40.06	nq	99
73) Di-n-butylphthalate	11.93	149	836060	44.65	nq	98
74) Fluoranthene	12.59	202	657883	41.85	nq	99
76) Benzidine	12.72	184	321164	37.96	nq	98
77) Pyrene	12.82	202	672211	38.54	nq	99
79) Butylbenzylphthalate	13.43	149	320571	39.10	nq	96
80) Benzo(a)anthracene	14.01	228	598009	43.17	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	198948	39.18	nq	99
82) Chrysene	14.05	228	560441	42.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	446317	39.54	nq	99
84) Di-n-octyl phthalate	14.59	149	809536	44.54	nq	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	400498	37.96	nq	95
87) Benzo(b)fluoranthene	15.06	252	528081	44.90	nq	98
88) Benzo(k)fluoranthene	15.09	252	488425	42.05	nq	99
89) Benzo(a)pyrene	15.43	252	464051	42.99	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	345583	40.00	nq	97
91) Benzo(g,h,i)perylene	17.43	276	322353	37.75	nq	95

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

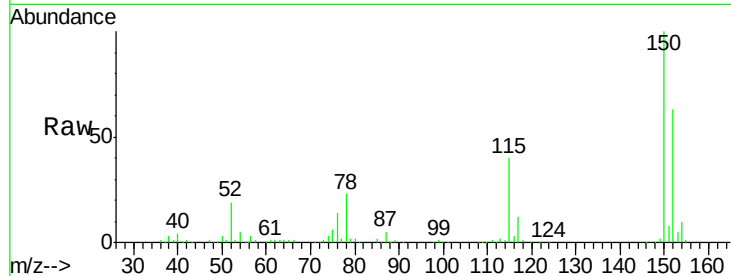


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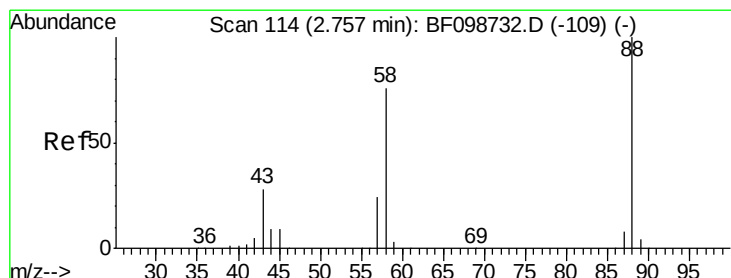
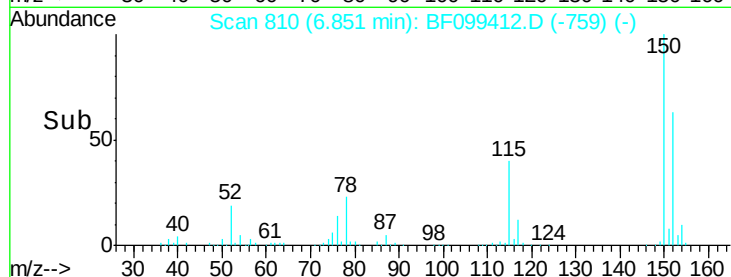
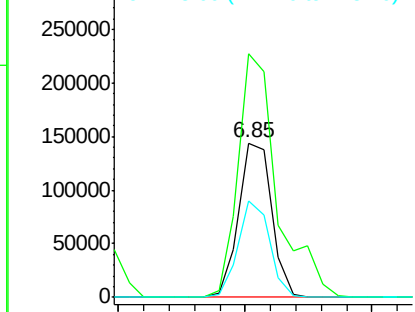
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130742
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.6 50.1 75.1



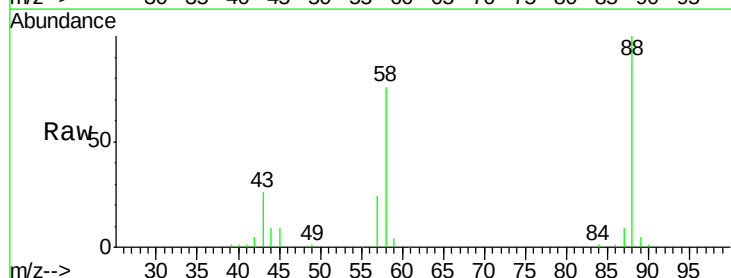
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



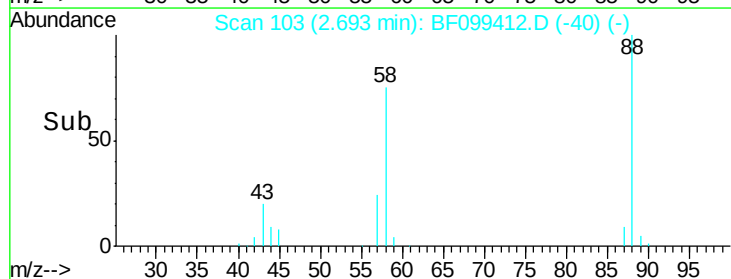
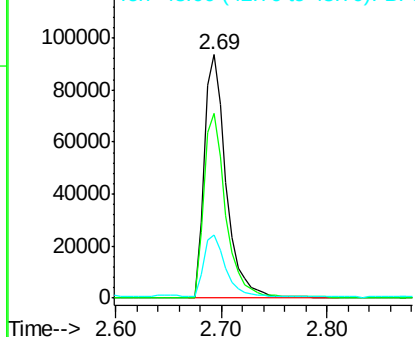
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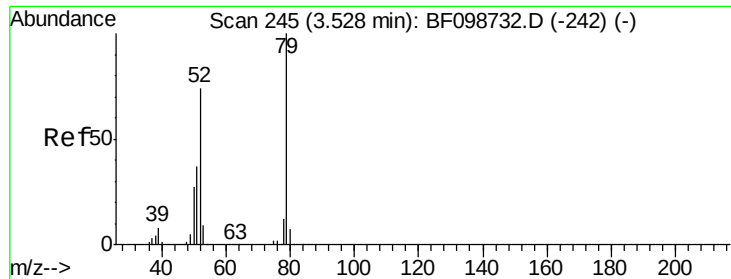
1,4-Dioxane
Concen: 34.39 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion: 88 Resp: 134913
Ion Ratio Lower Upper
88 100
58 75.8 62.6 93.8
43 25.0 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: 37.17 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.07 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

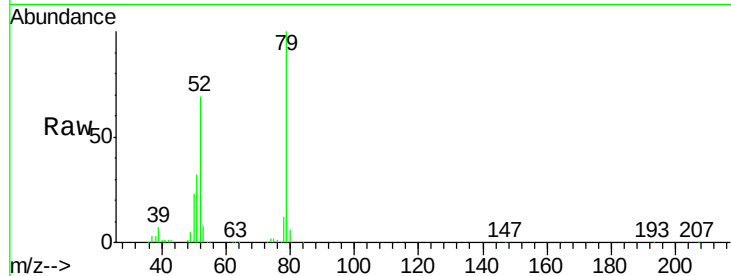
Tot Ion: 79 Resp: 394496

Ion Ratio Lower Upper

79 100

52 69.1 59.8 89.6

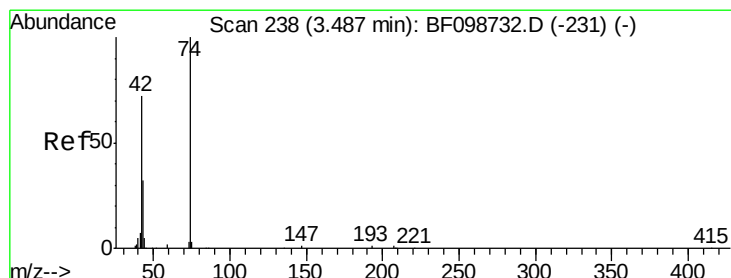
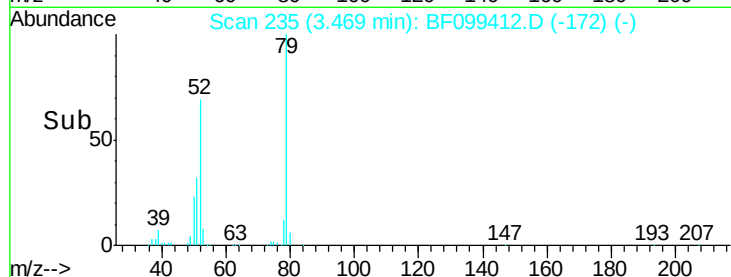
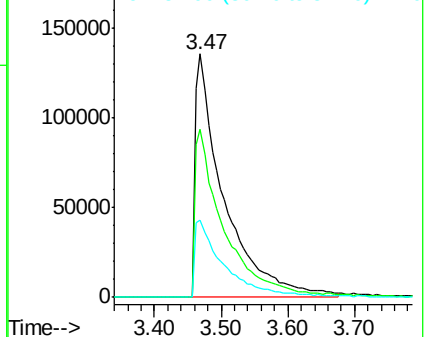
51 32.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.50 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.07 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

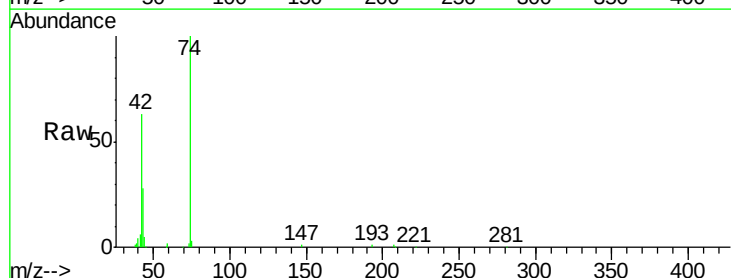
Tgt Ion: 42 Resp: 159745

Ion Ratio Lower Upper

42 100

74 157.9 104.9 157.3#

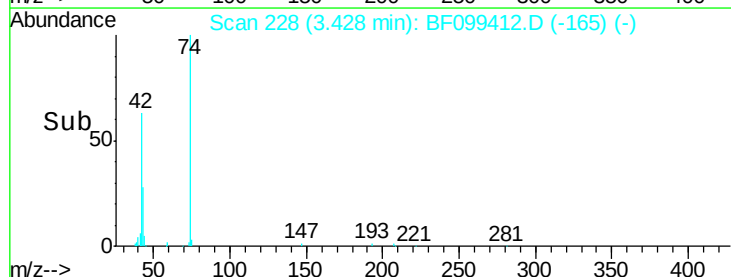
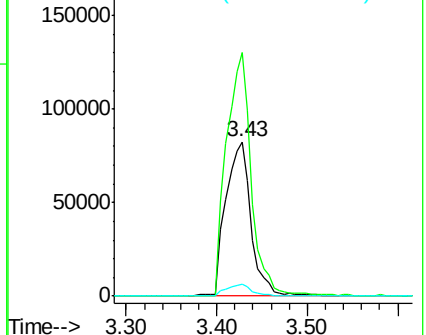
44 7.5 6.9 10.3

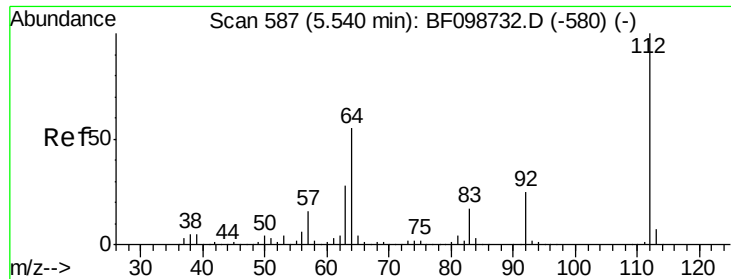


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.47 ng

RT: 5.49 min Scan# 578

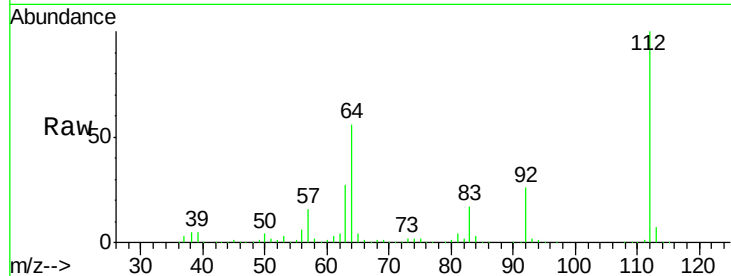
Delta R.T. 0.02 min

Lab File: BF099412.D

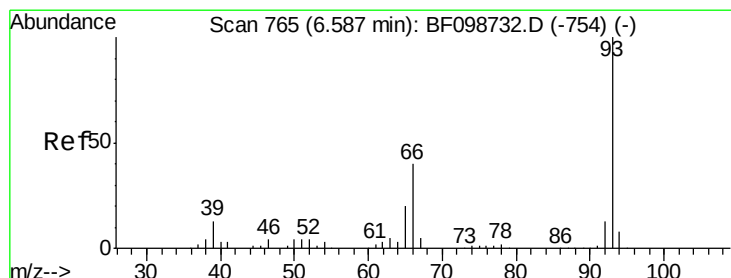
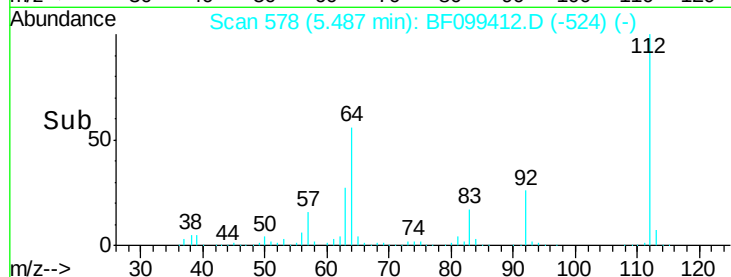
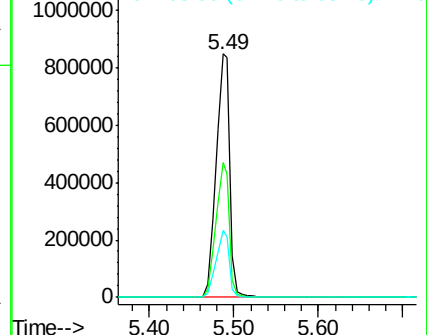
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	989424
Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 23.55 ng

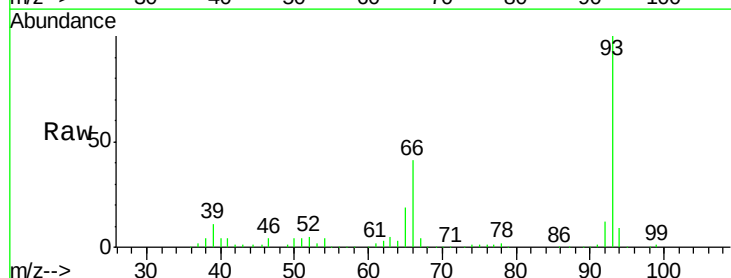
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

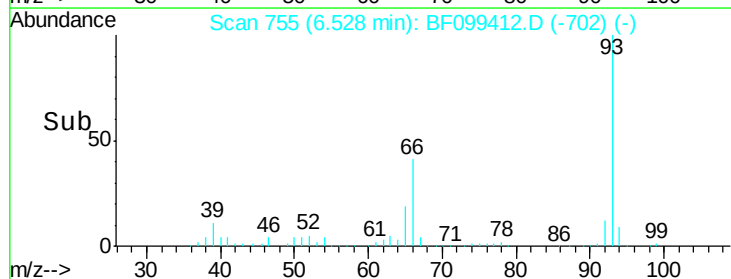
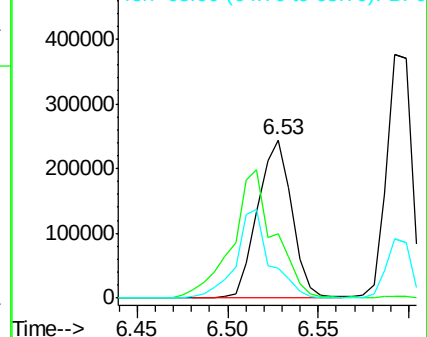
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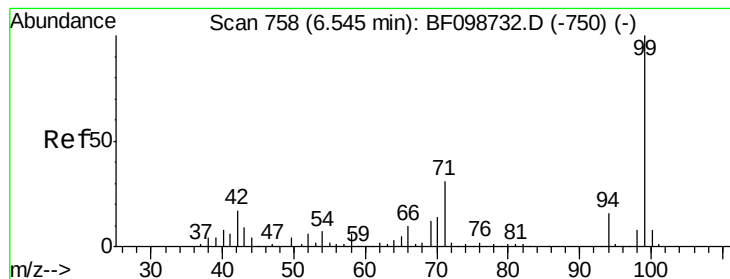
Acq: 12 Oct 2017 23:20

Tgt Ion:	93	Resp:	322023
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.2
65	18.8	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 118.18 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

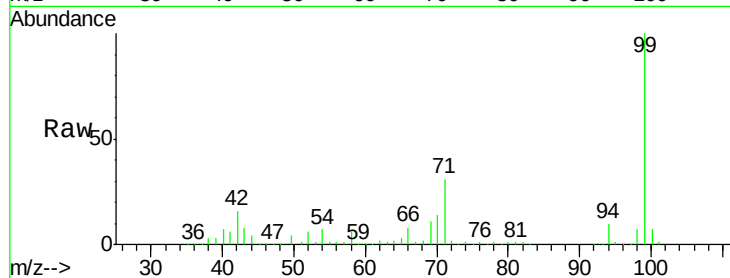
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1197310

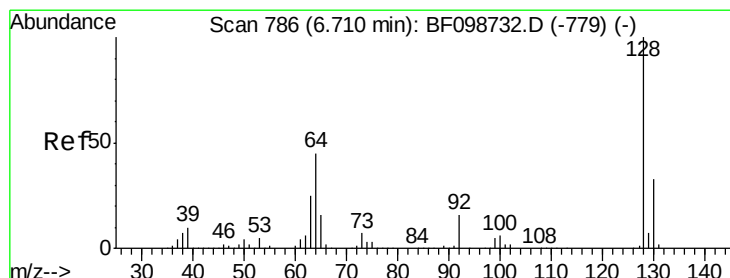
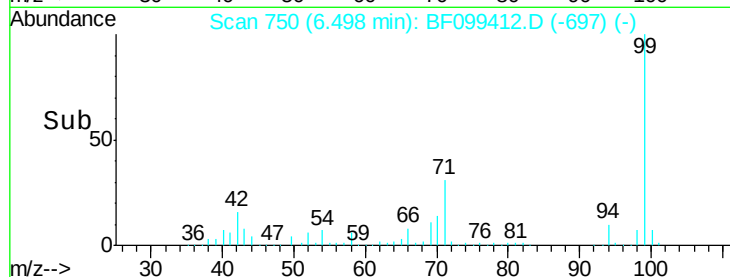
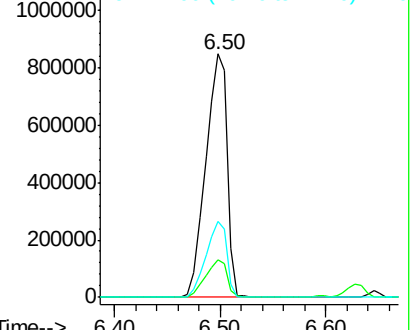
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.94 ng

RT: 6.65 min Scan# 775

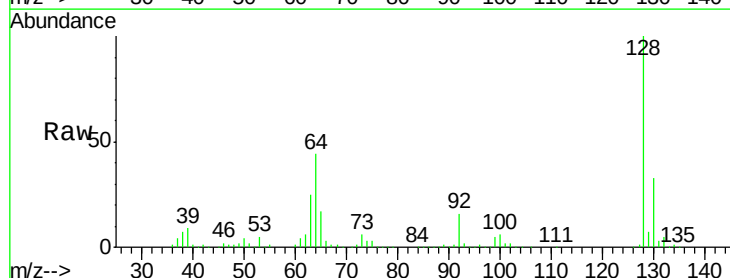
Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Tgt Ion: 128 Resp: 371440

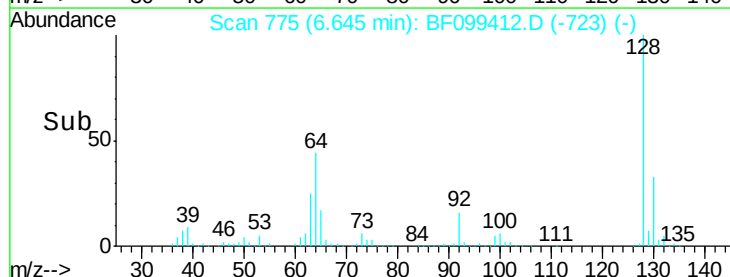
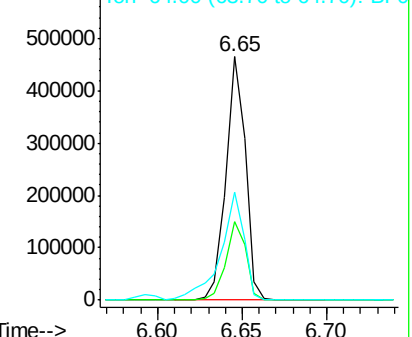
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	44.4	29.4	69.4

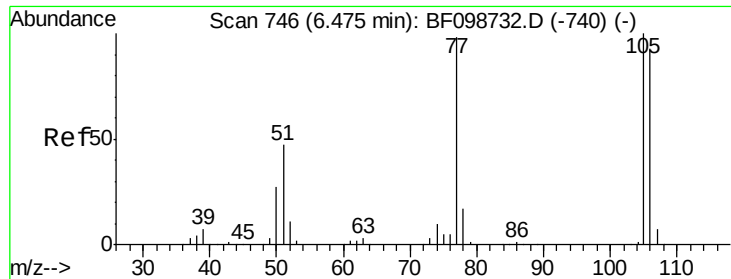


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

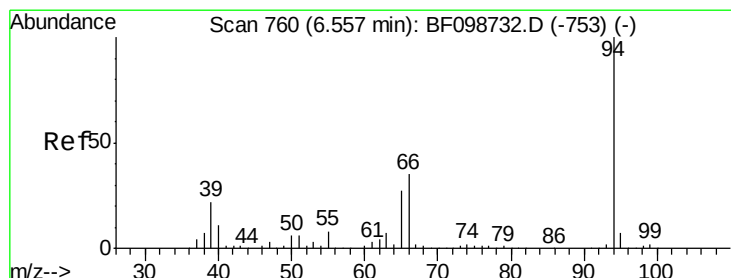
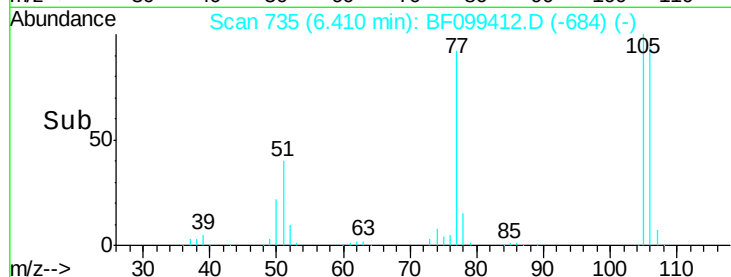
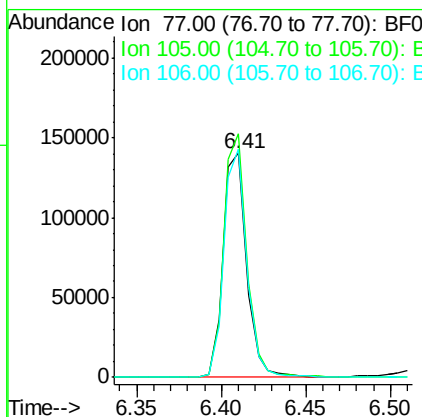
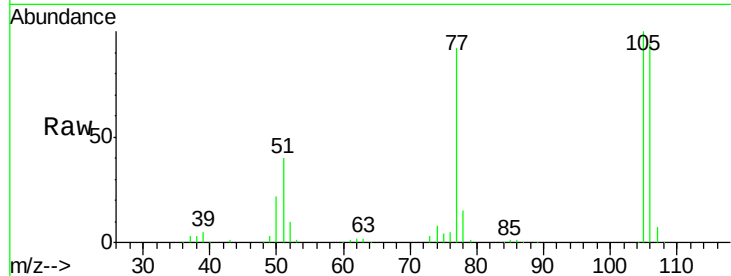




#9
Benzaldehyde
Concen: 23.15 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

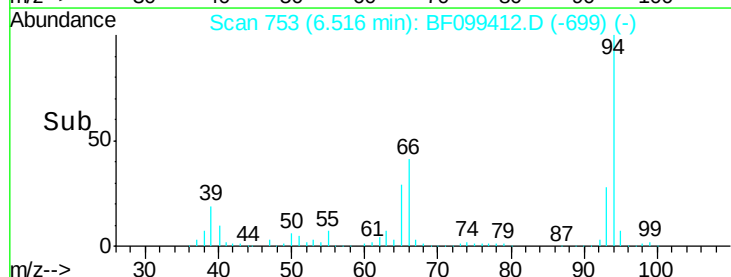
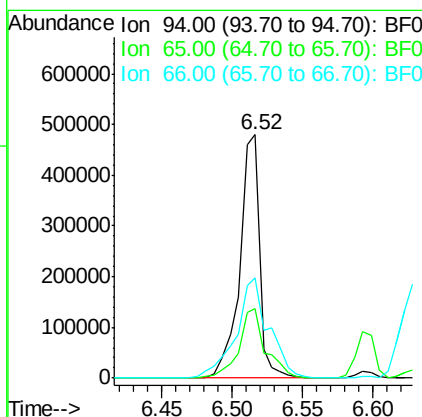
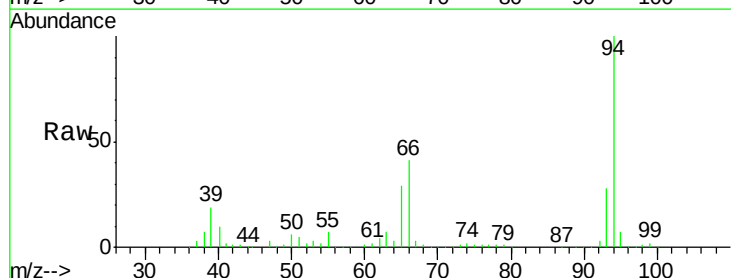
Instrument :
BNA_F
ClientSampleId :

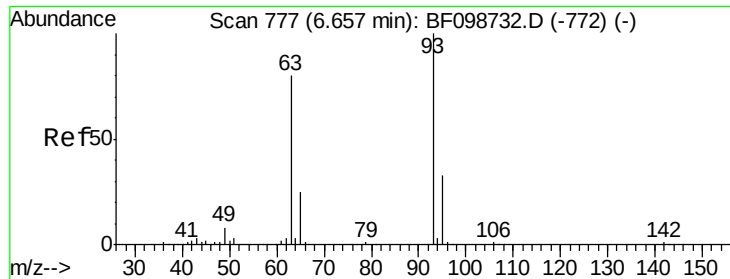
Tot Ion: 77 Resp: 136077
Ion Ratio Lower Upper
77 100
105 108.6 81.1 121.1
106 101.8 74.5 114.5



#10
Phenol
Concen: 41.72 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion: 94 Resp: 472695
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 41.4 16.2 56.2

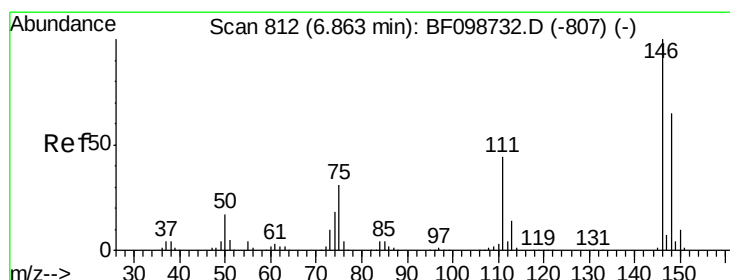
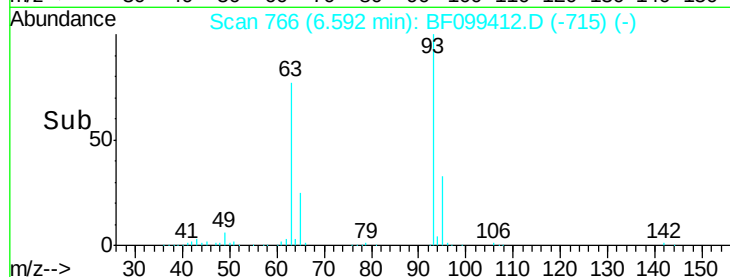
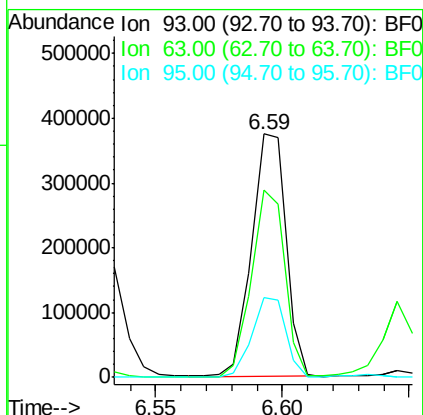
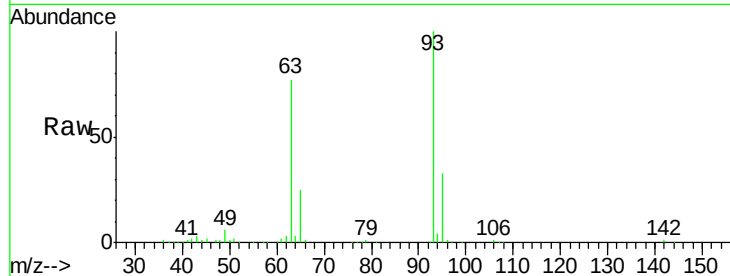




#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

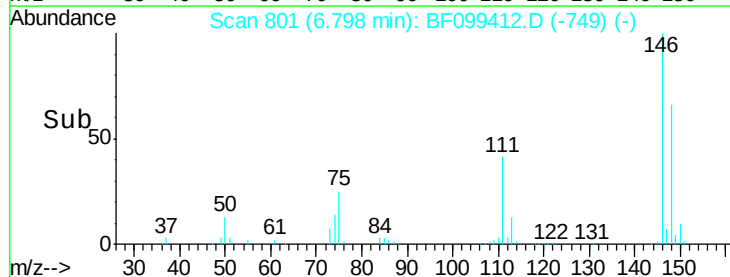
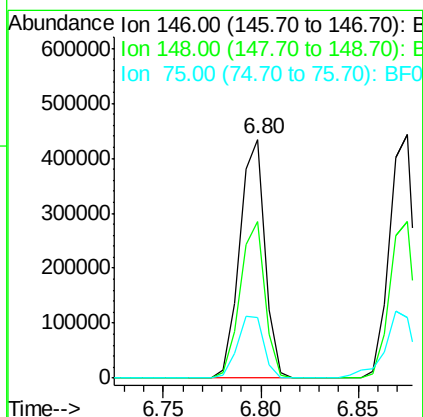
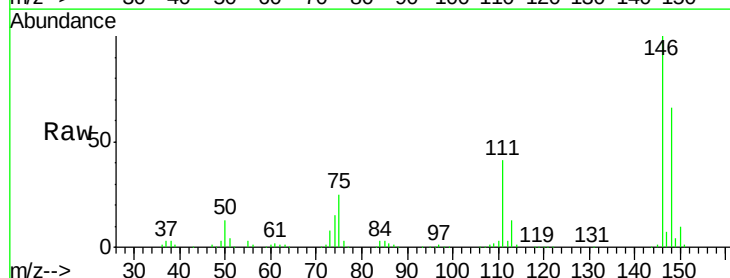
Instrument :
BNA_F
ClientSampled :

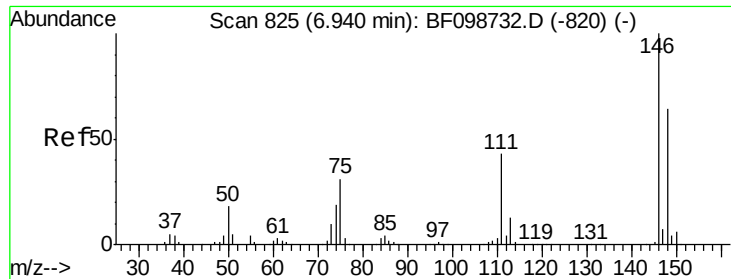
Tot Ion: 93 Resp: 358219
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.95 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion: 146 Resp: 389110
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 25.5 24.2 36.4

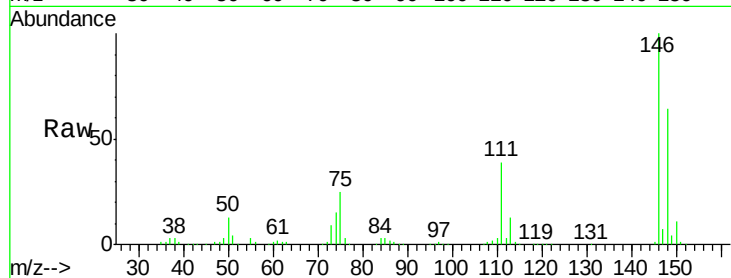




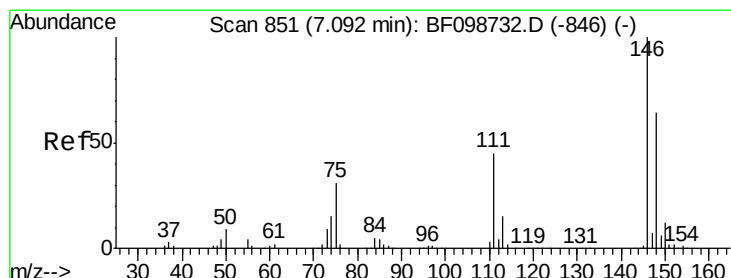
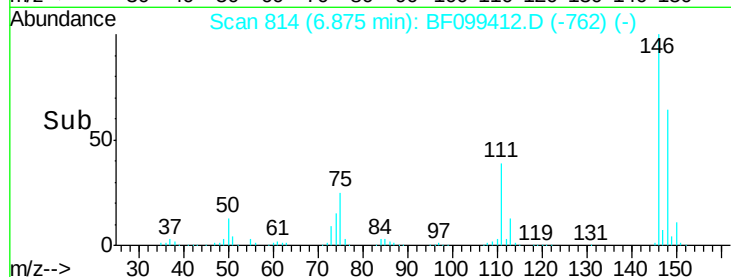
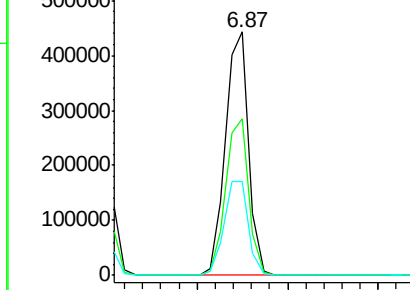
#13
 1,4-Dichlorobenzene
 Concen: 39.72 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 393650
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 38.7 34.2 51.2

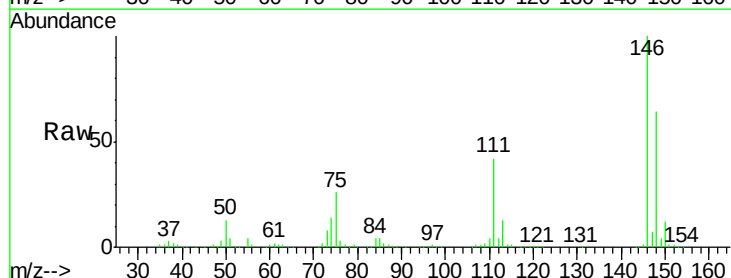


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

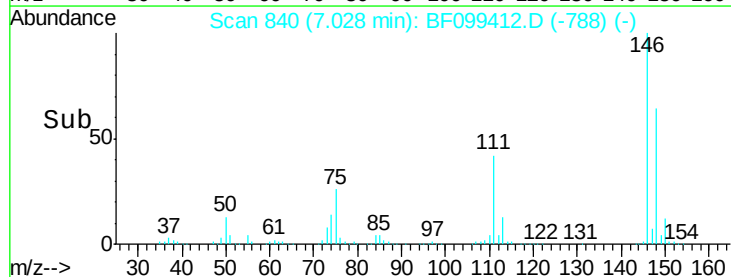
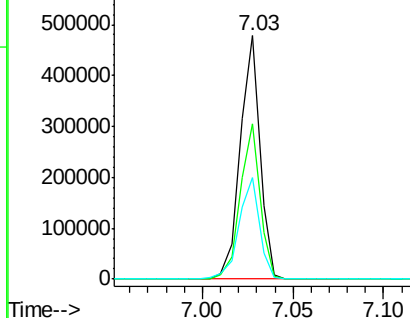


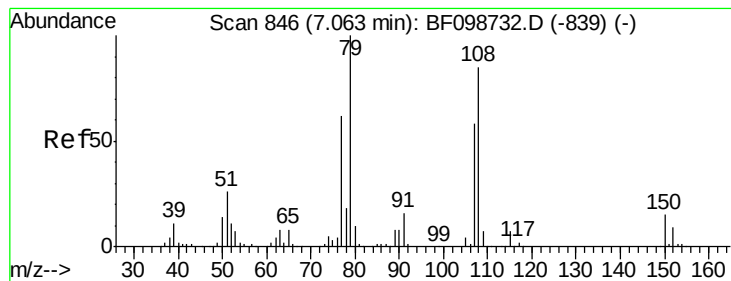
#14
 1,2-Dichlorobenzene
 Concen: 39.60 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion:146 Resp: 362597
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 41.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.40 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

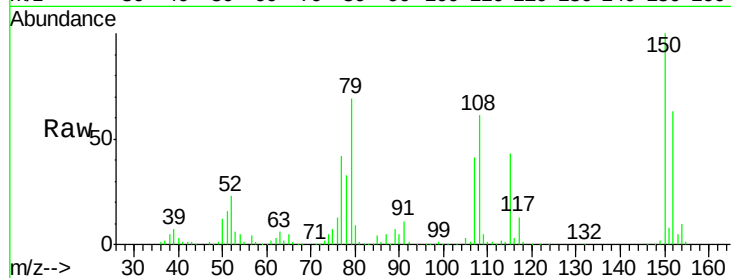
Tot Ion: 79 Resp: 277955

Ion Ratio Lower Upper

79 100

108 87.8 65.1 97.7

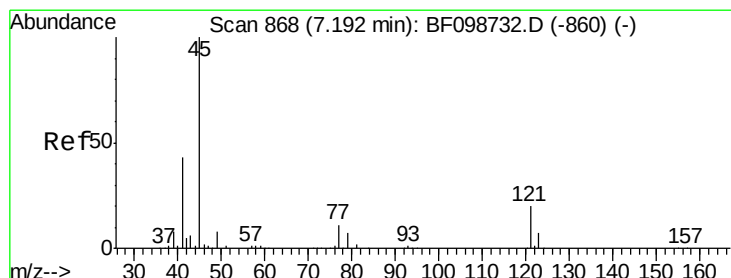
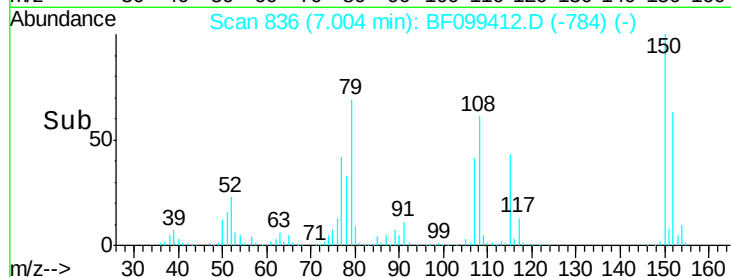
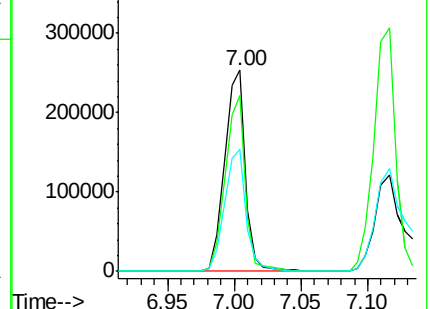
77 60.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.33 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

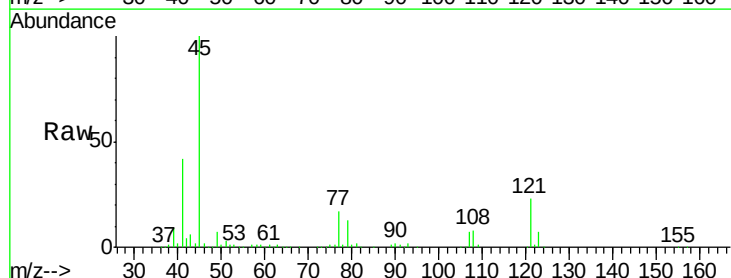
Tgt Ion: 45 Resp: 484848

Ion Ratio Lower Upper

45 100

77 17.1 0.0 32.9

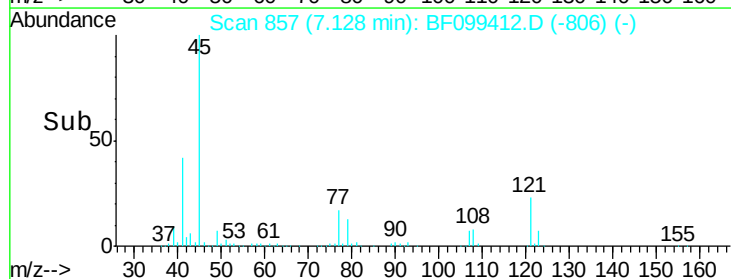
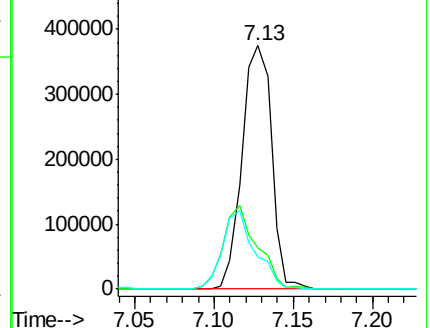
79 13.4 0.0 29.6

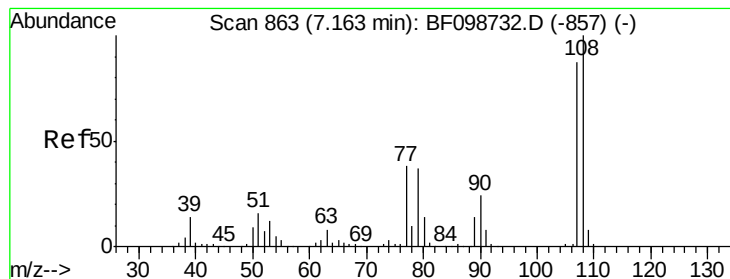


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.44 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 307789

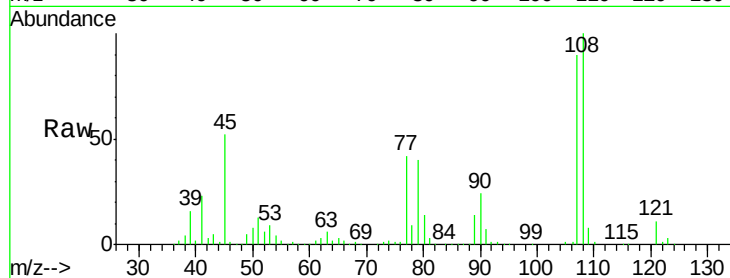
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 46.9 33.8 50.8

79 44.3 33.8 50.8

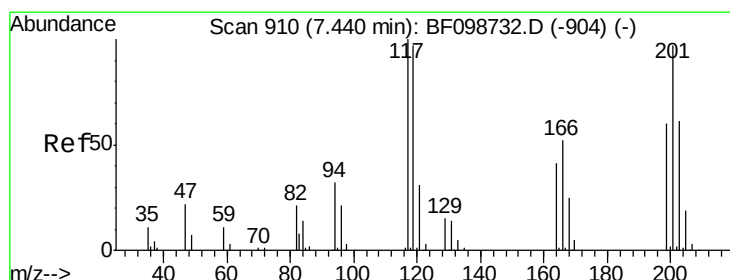
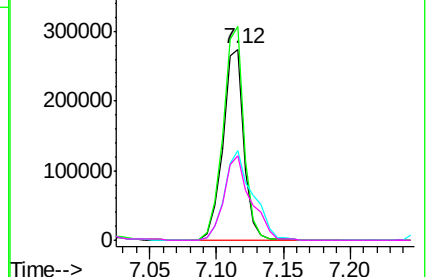
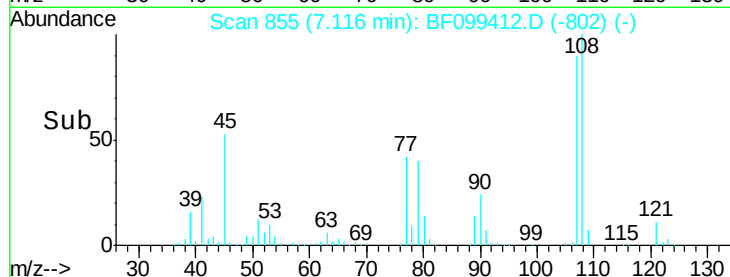


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.05 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

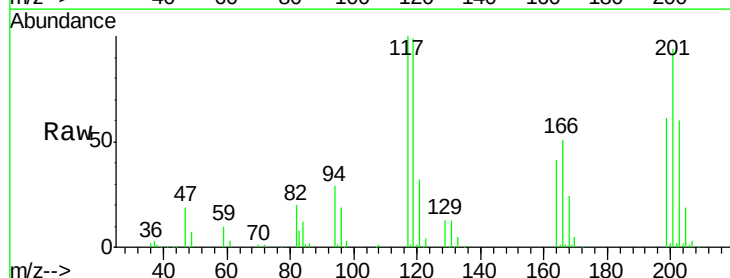
Tgt Ion:117 Resp: 117714

Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.8

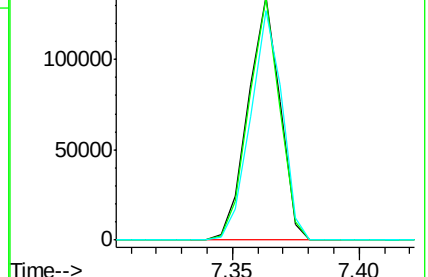
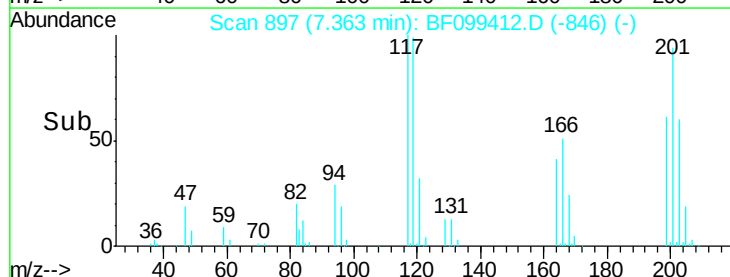
201 94.4 75.7 113.5

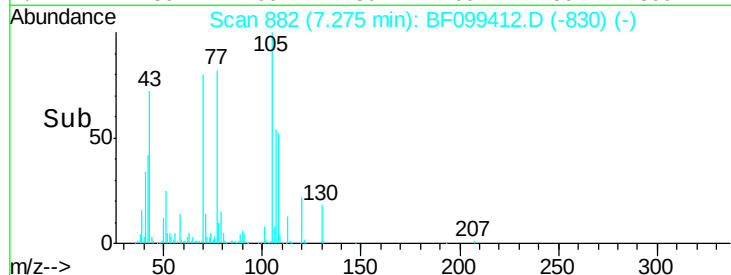
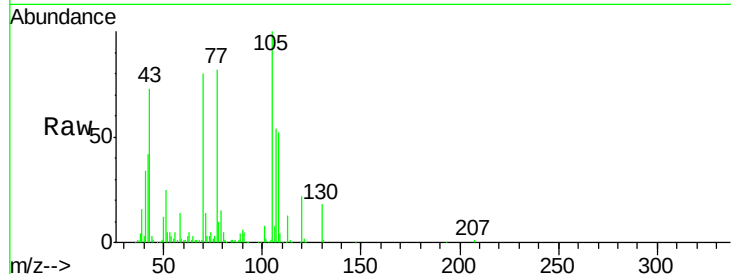
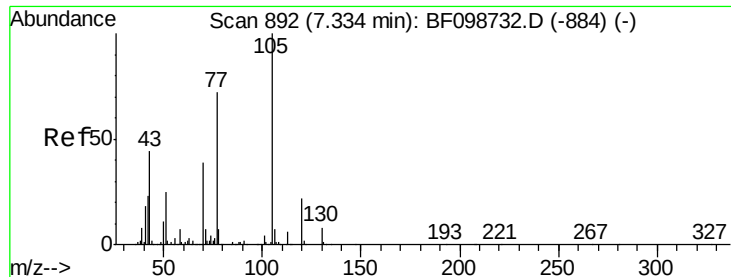


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

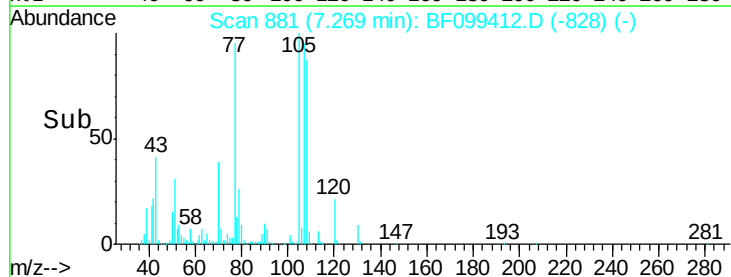
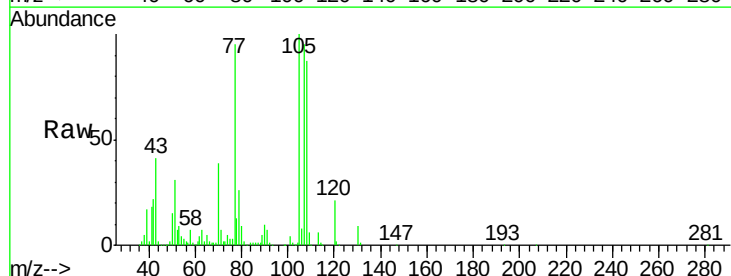
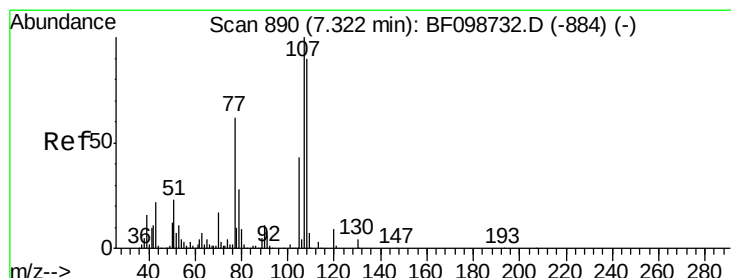
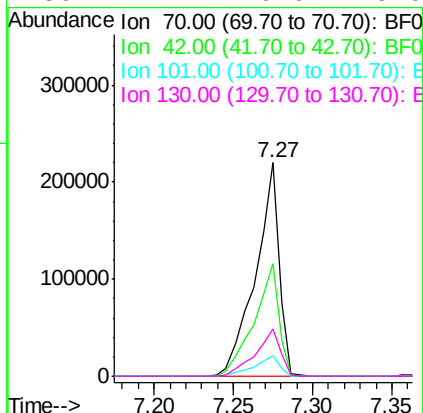




#19
n-Nitroso-di-n-propylamine
Concen: 35.63 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

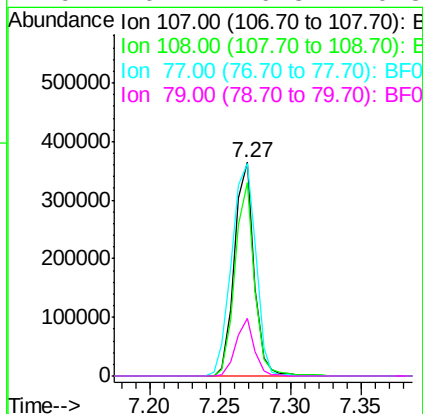
Instrument :
BNA_F
ClientSampleId :

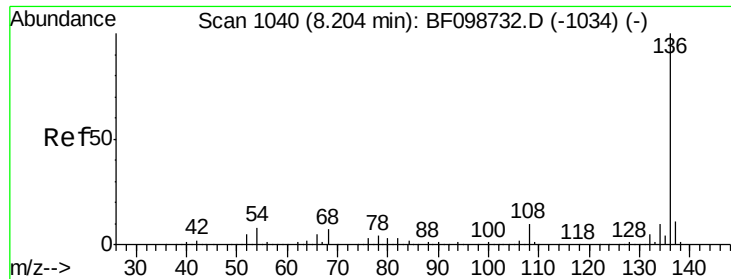
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	9.7	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.71 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	99.7	26.7	66.7#
79	26.7	6.3	46.3

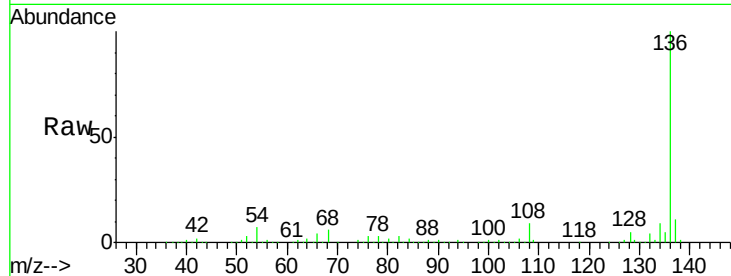




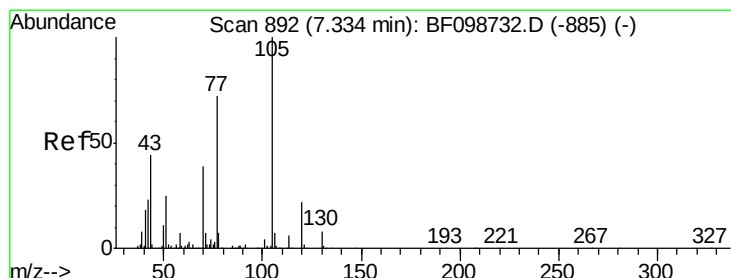
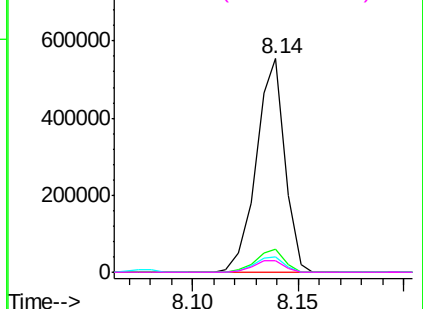
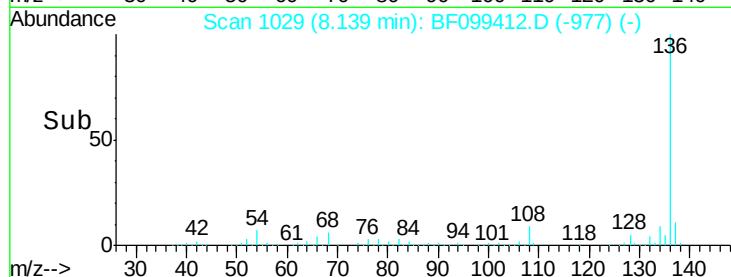
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	520384
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.2	6.6 9.8
68	5.7	5.0 7.4

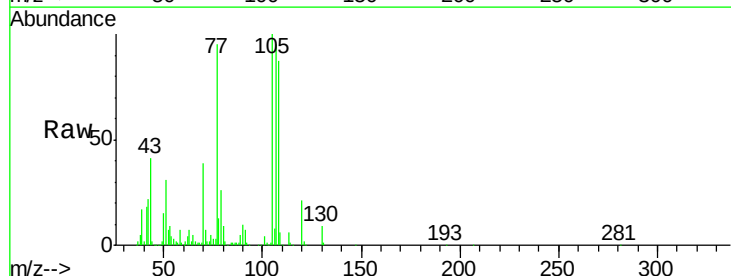


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

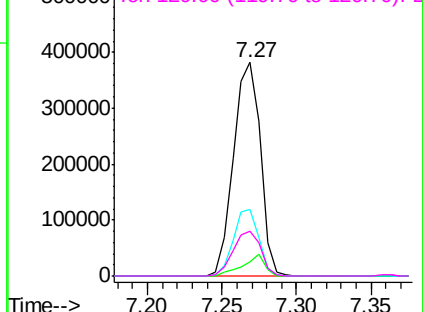
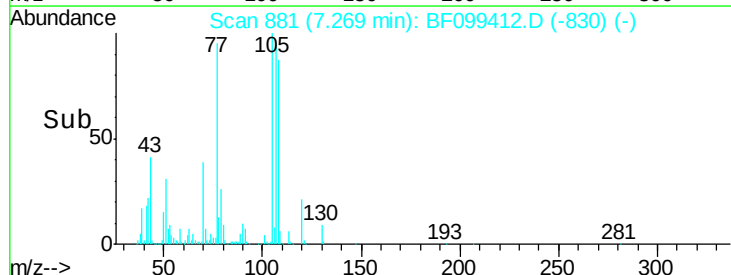


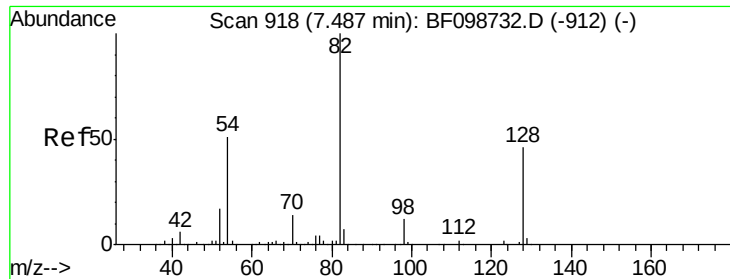
#22
Acetophenone
Concen: 38.16 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:105	Resp:	481156
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.4 6.6#
51	31.2	22.3 33.5
120	21.1	16.9 25.3



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

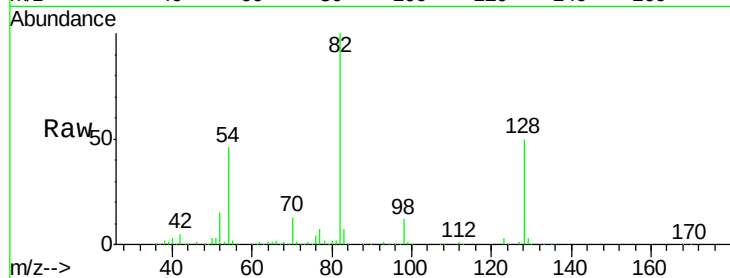




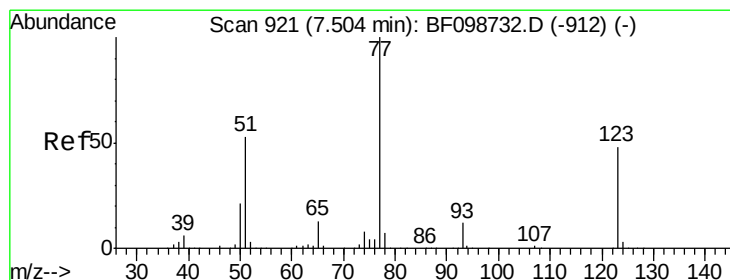
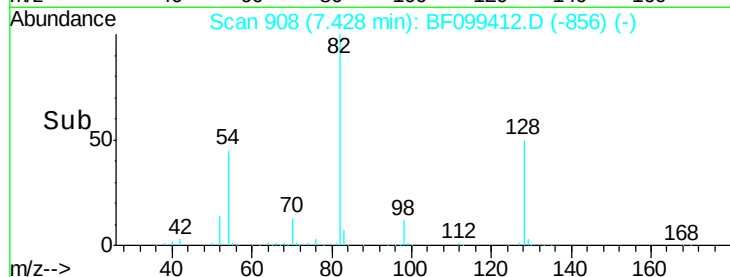
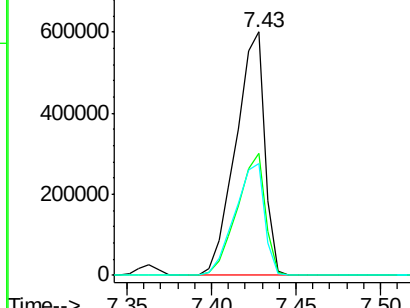
#23
Nitrobenzene-d5
Concen: 88.30 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	716532
Ion Ratio	Lower	Upper	
82	100		
128	50.0	36.1	54.1
54	45.7	41.4	62.2

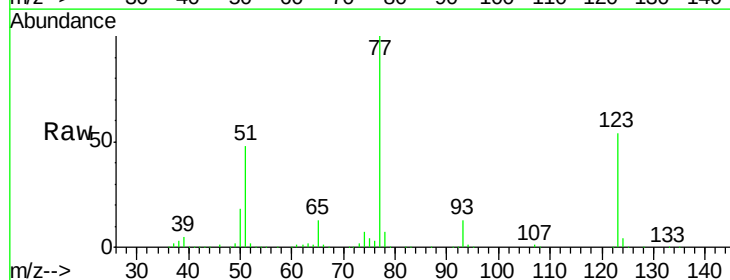


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

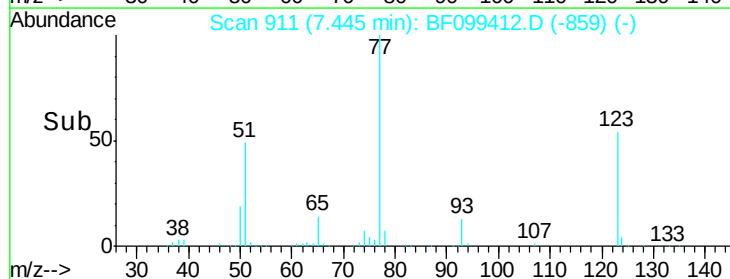
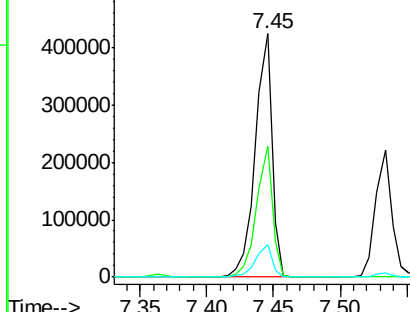


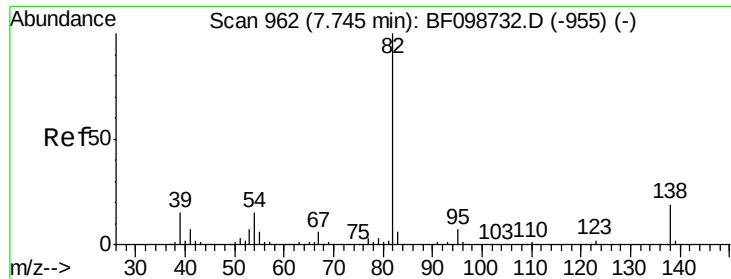
#24
Nitrobenzene
Concen: 39.60 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion	77	Resp	364491
Ion Ratio	Lower	Upper	
77	100		
123	53.9	37.9	56.9
65	13.3	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: 40.41 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

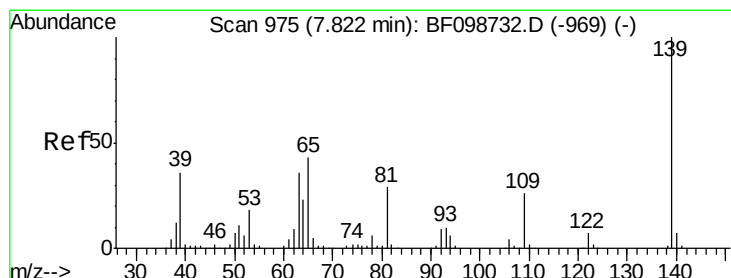
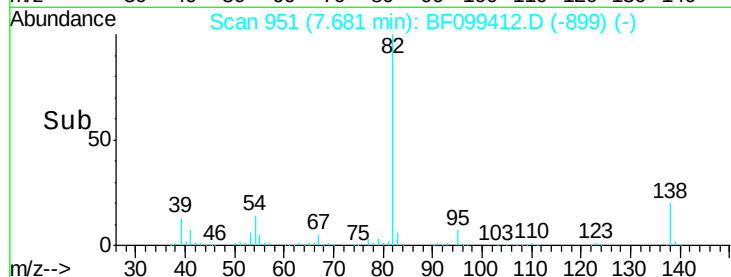
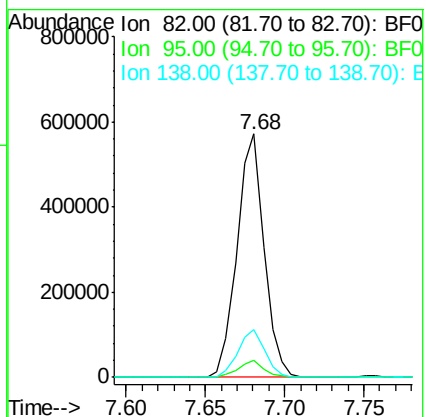
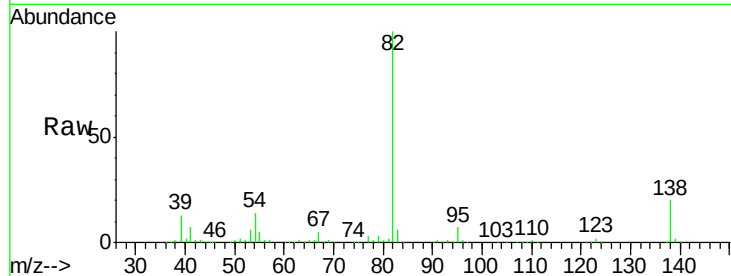
Tot Ion: 82 Resp: 677975

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.7 14.9 22.3



#26

2-Nitrophenol

Concen: 42.36 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

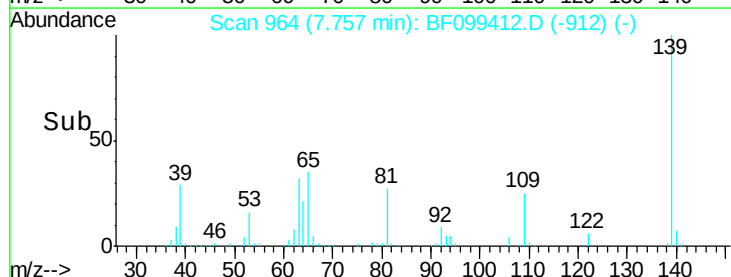
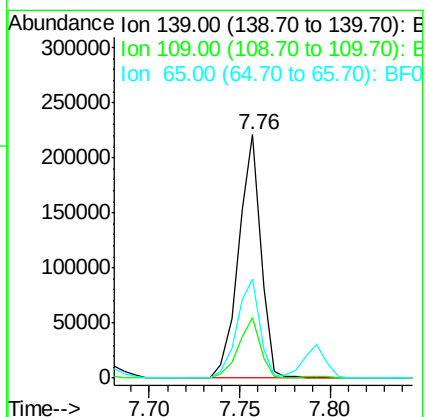
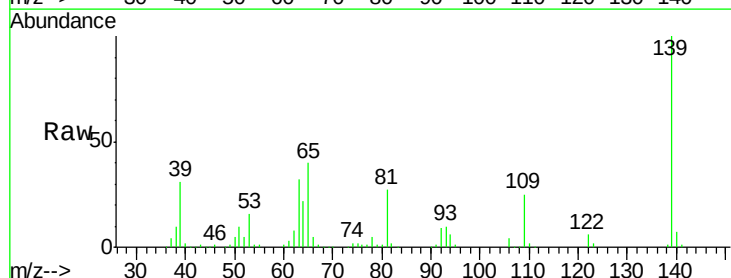
Tgt Ion: 139 Resp: 187509

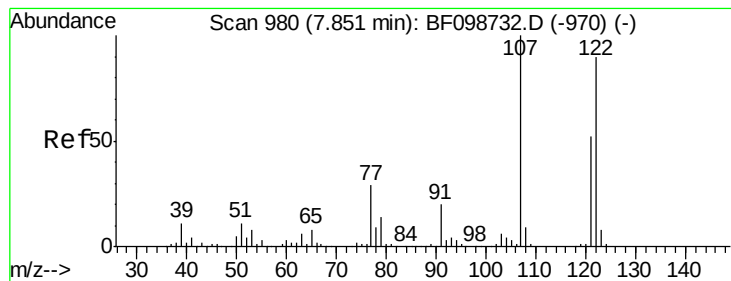
Ion Ratio Lower Upper

139 100

109 25.0 22.7 34.1

65 40.4 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 37.41 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

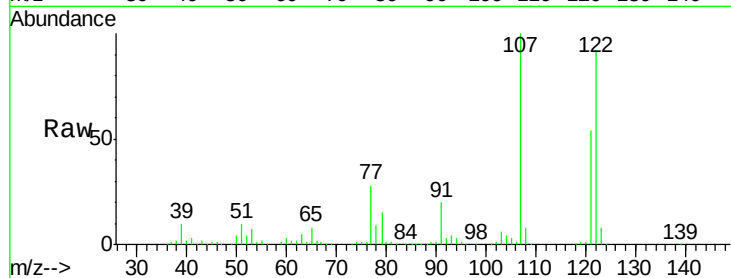
Tot Ion:122 Resp: 312725

Ion Ratio Lower Upper

122 100

107 108.1 91.2 136.8

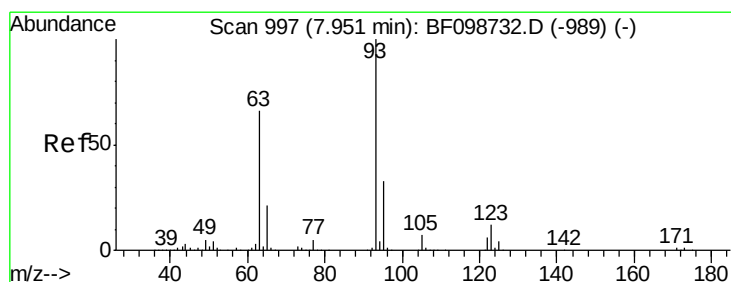
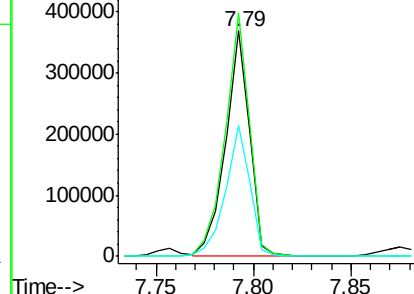
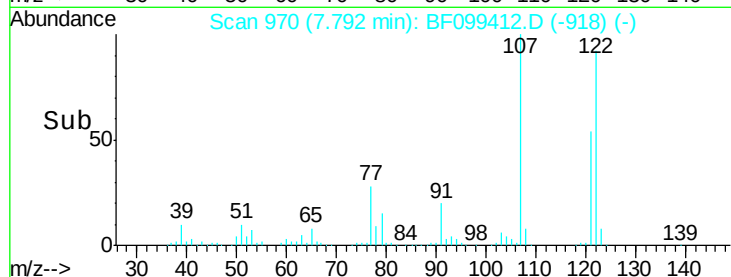
121 58.2 47.2 70.8



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: 42.54 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

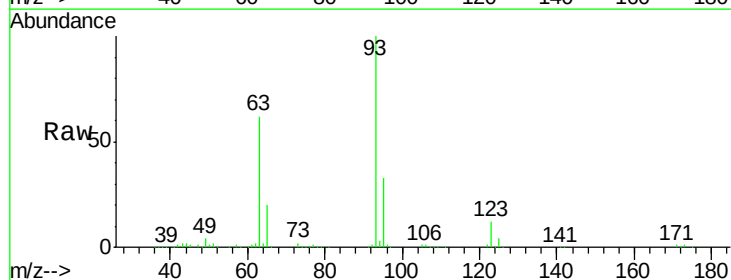
Tgt Ion: 93 Resp: 444779

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

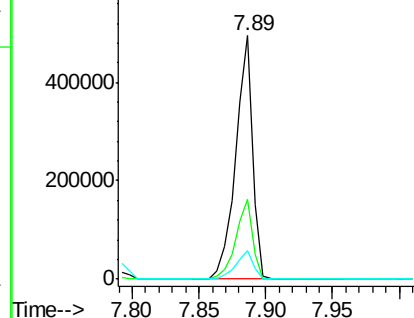
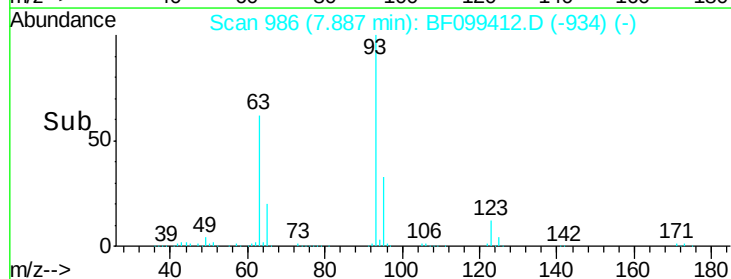
123 11.7 9.8 14.6

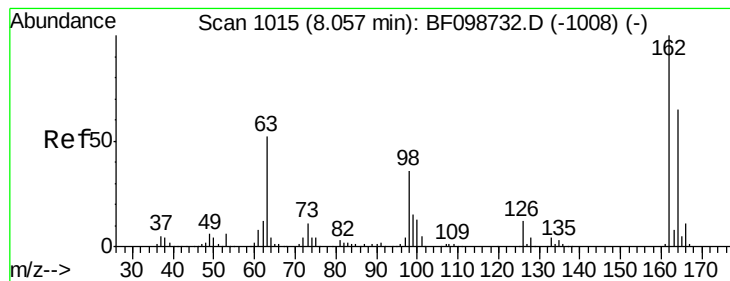


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.92 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

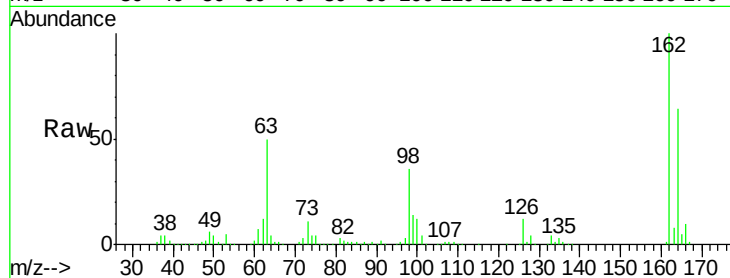
Tot Ion:162 Resp: 300872

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

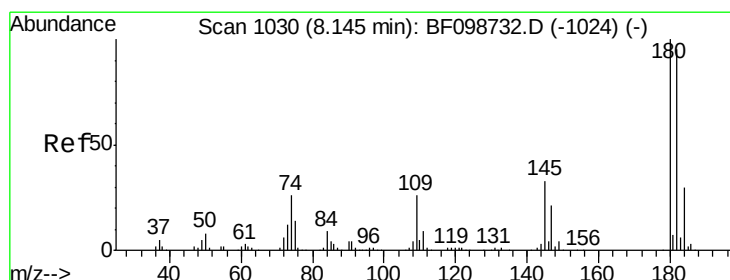
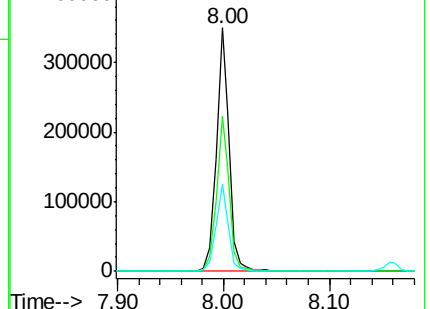
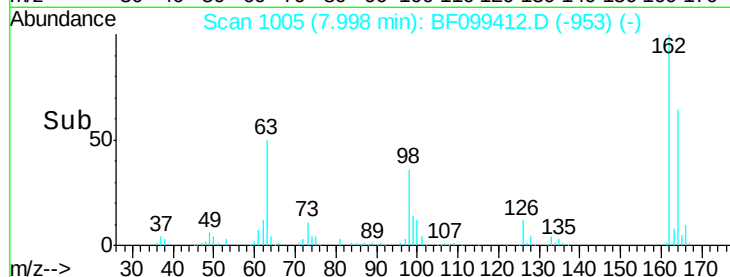
98 35.7 18.1 58.1



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: 41.55 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

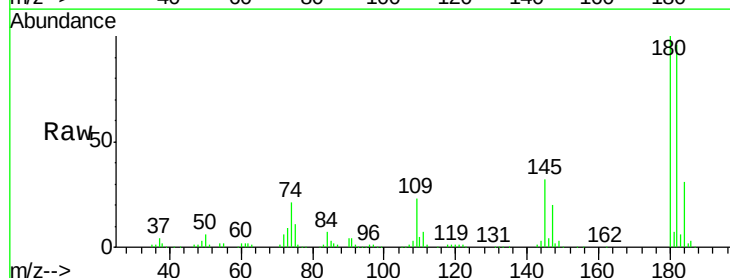
Tgt Ion:180 Resp: 298246

Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

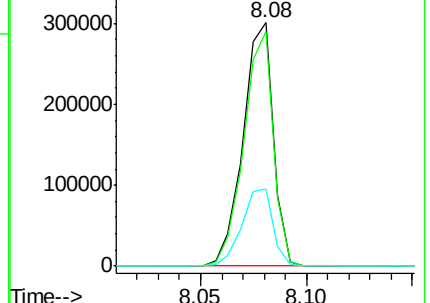
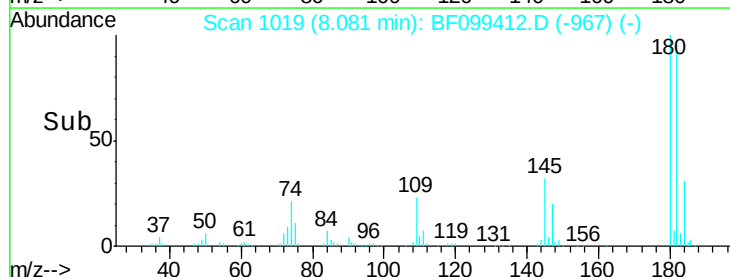
145 31.7 26.5 39.7

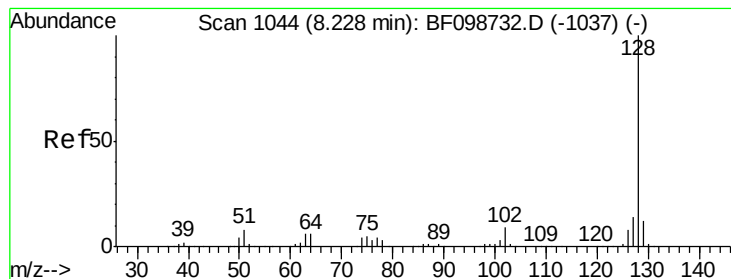


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.81 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

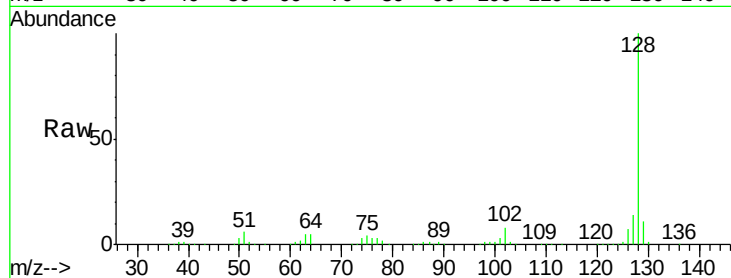
Tot Ion:128 Resp: 997486

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

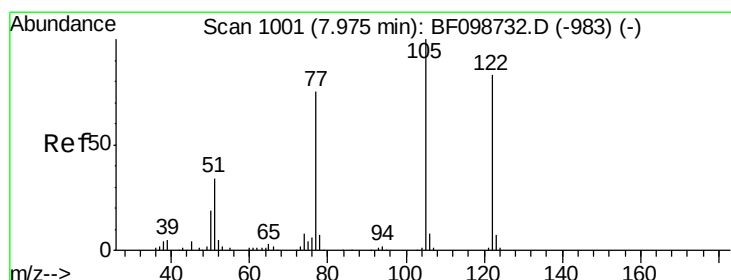
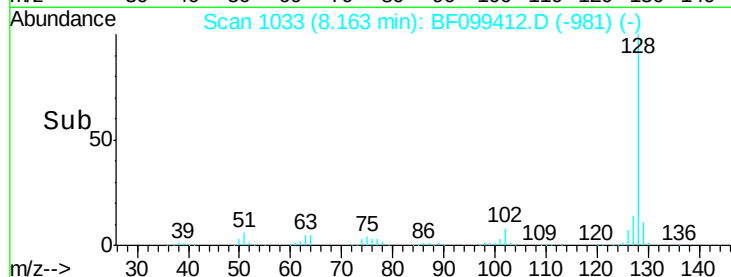
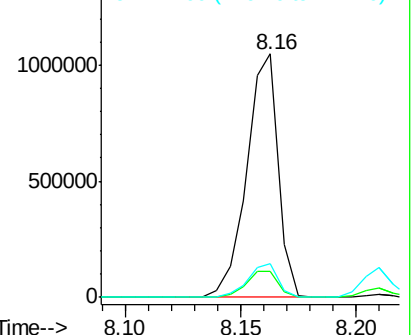
127 13.6 10.9 16.3



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: 2.80 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.04 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

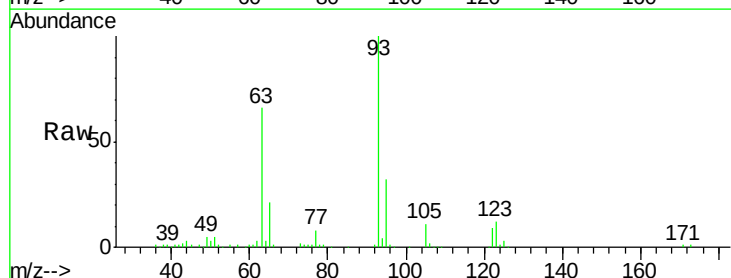
Tgt Ion:122 Resp: 19206

Ion Ratio Lower Upper

122 100

105 116.4 101.1 141.1

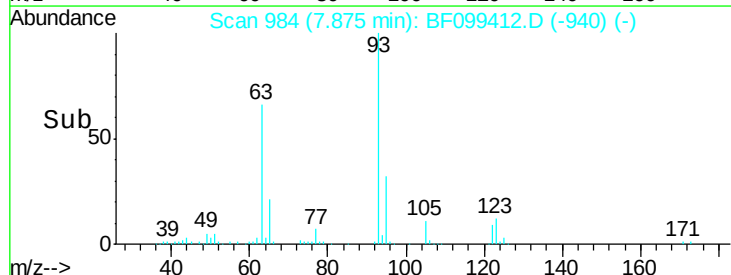
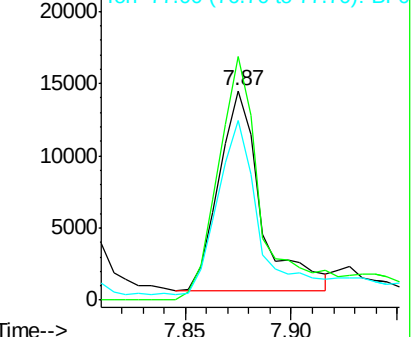
77 86.1 70.7 110.7

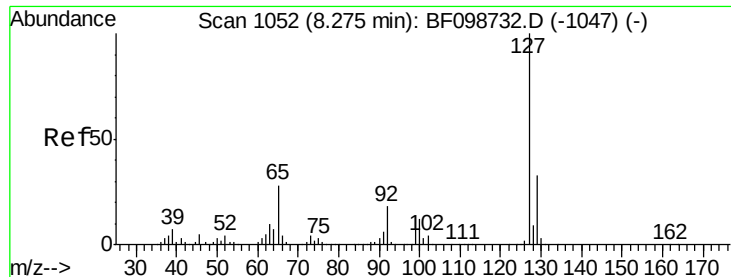


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

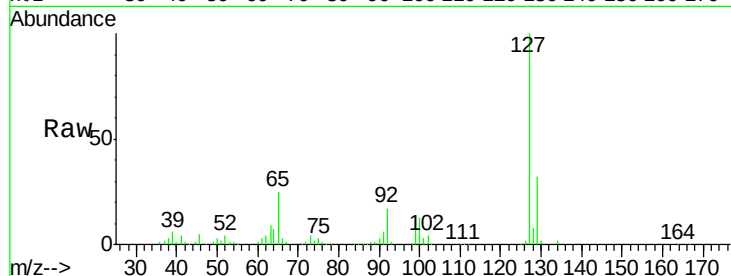




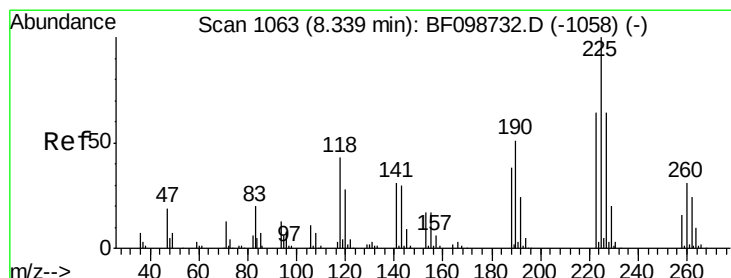
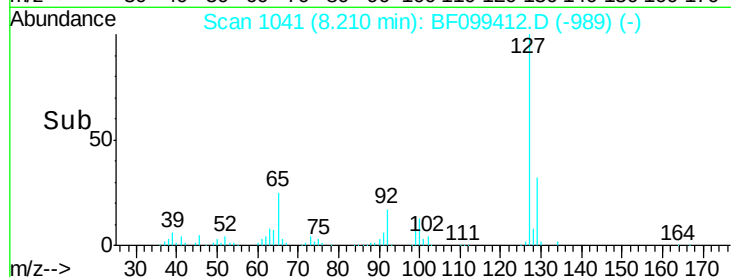
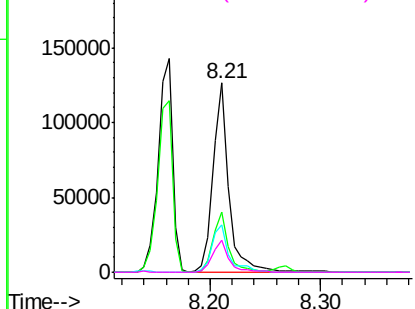
#33
4-Chloroaniline
Concen: 12.21 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	124615
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	25.3	25.0	37.4
92	16.8	15.2	22.8

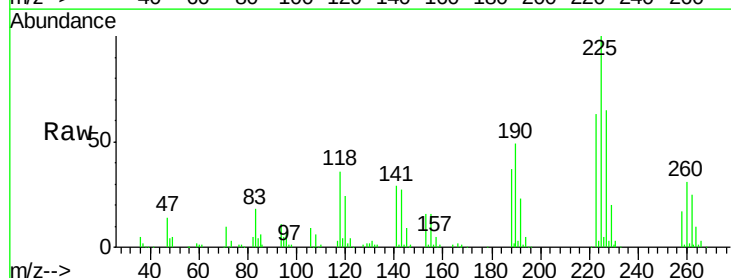


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

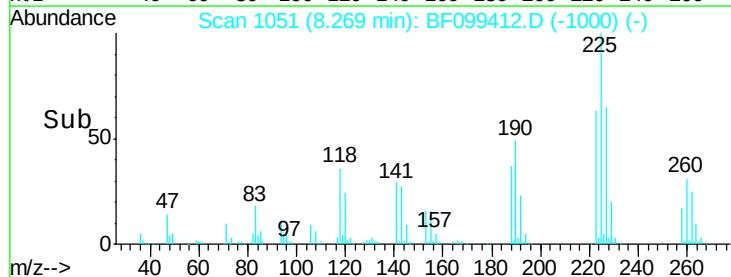
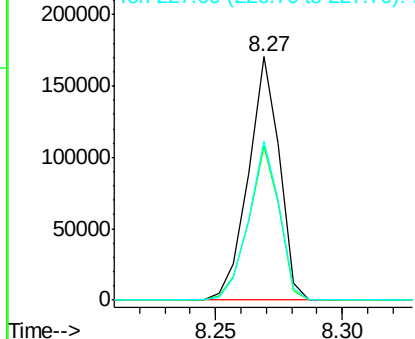


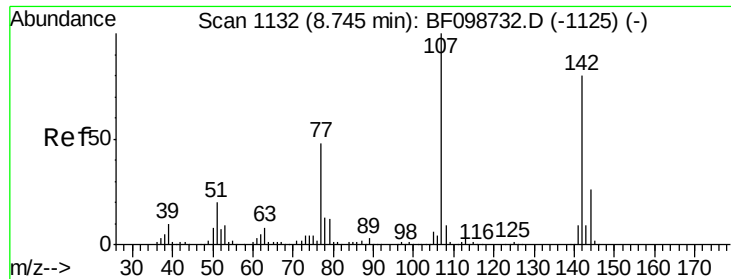
#34
Hexachlorobutadiene
Concen: 39.14 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:	225	Resp:	144711
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

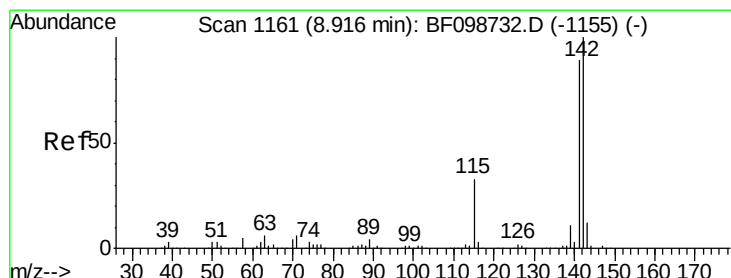
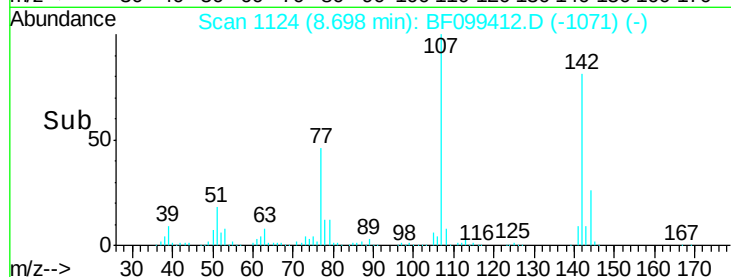
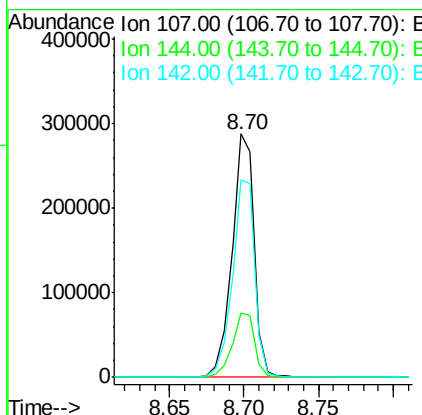
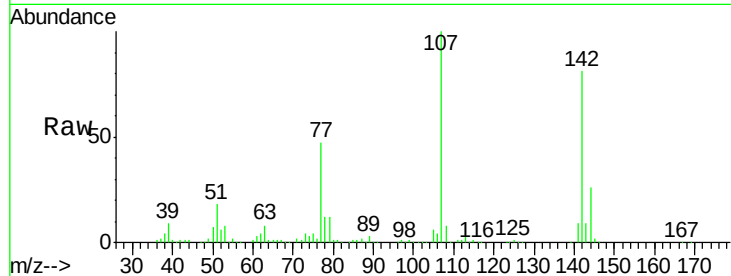




#36
 4-Chloro-3-methylphenol
 Concen: 37.31 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

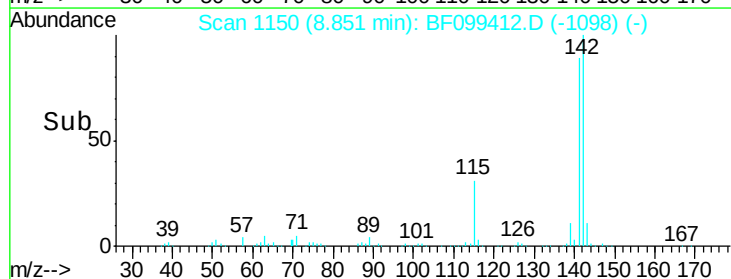
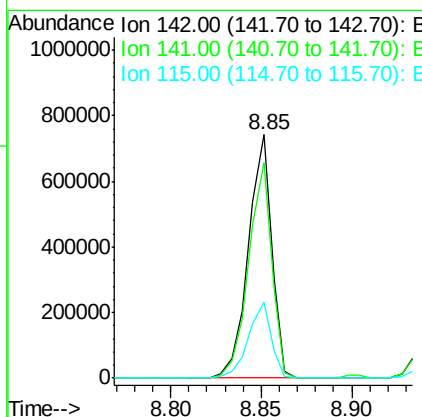
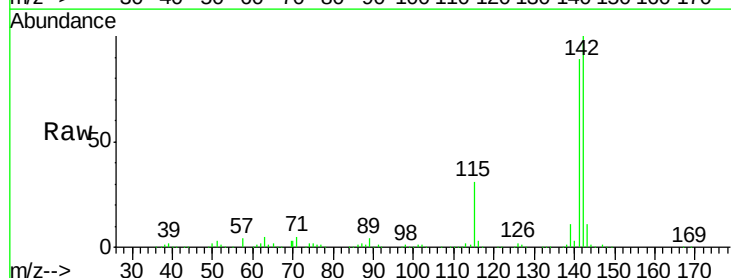
Instrument :
 BNA_F
 ClientSampleId :

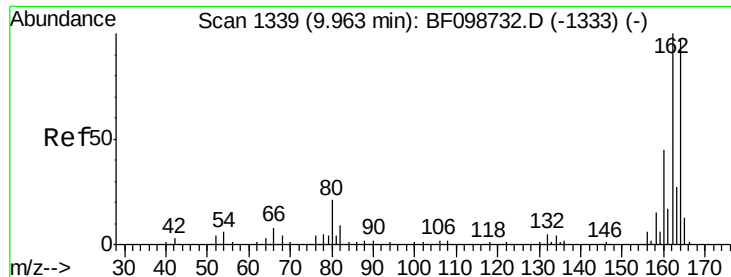
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	81.3	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 41.78 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.1	26.1	39.1

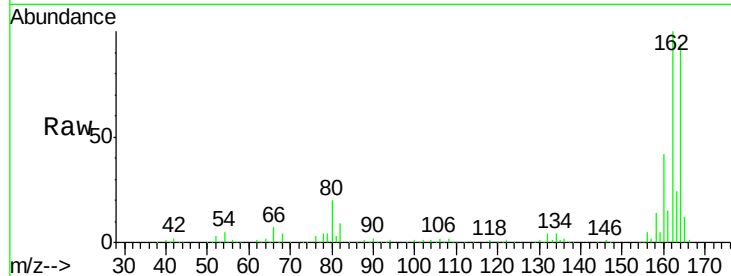




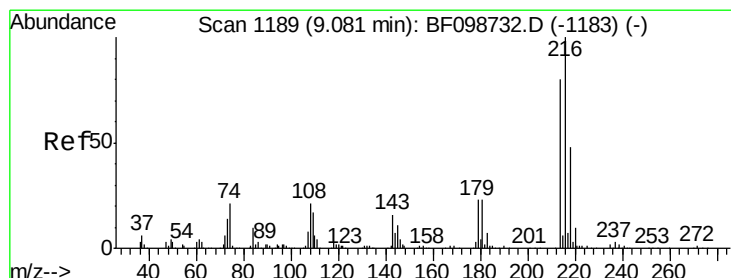
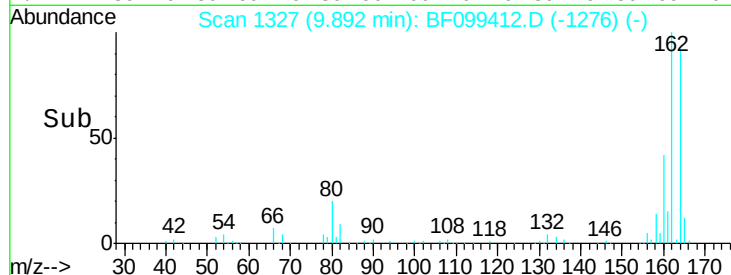
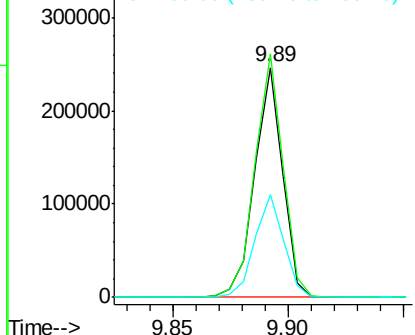
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 207788
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 44.6 38.3 57.5

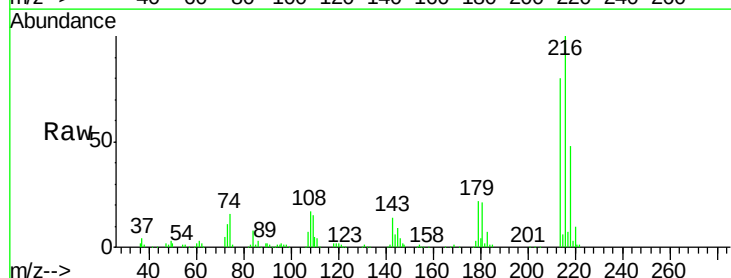


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

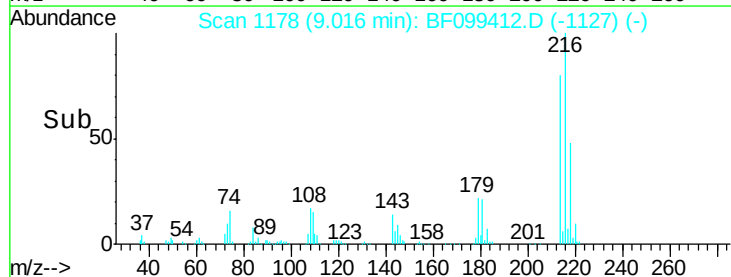
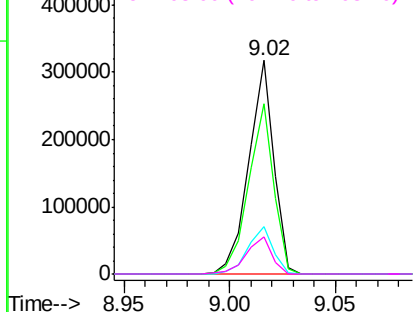


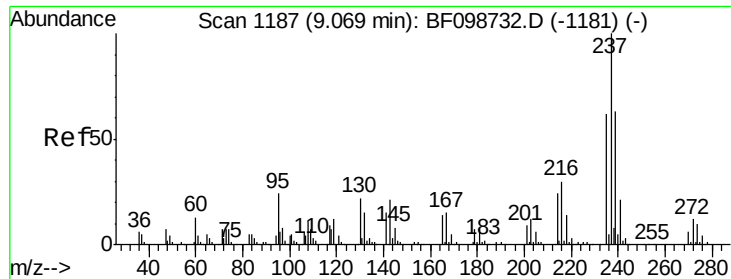
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.45 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:216 Resp: 263045
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.4
179 22.4 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

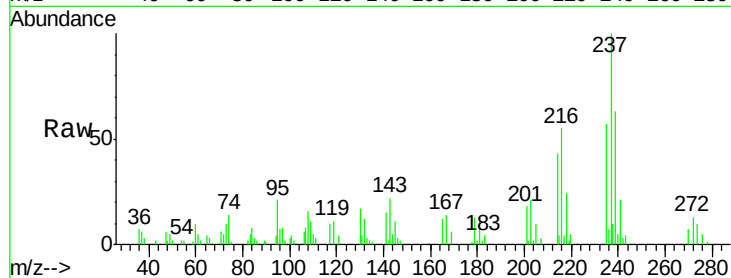




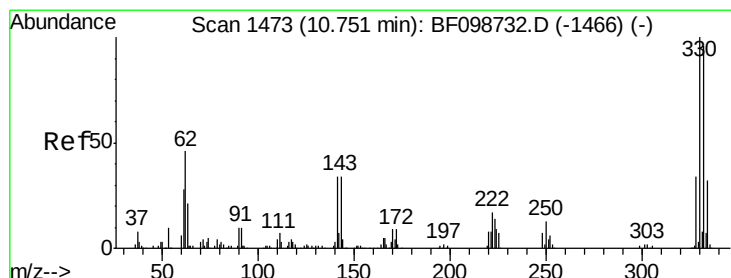
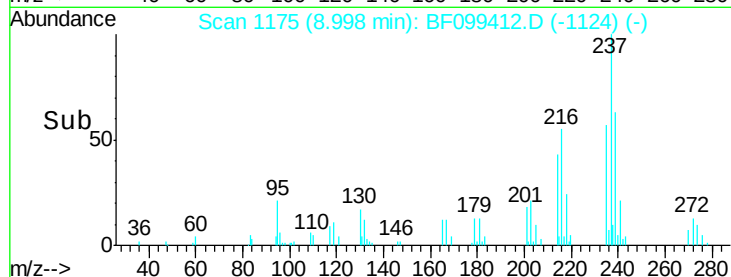
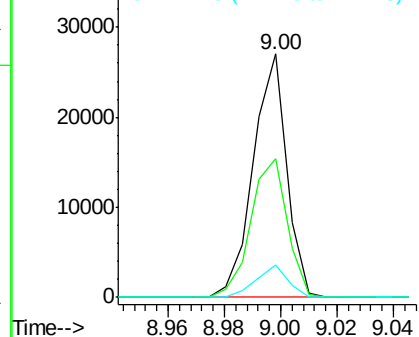
#40
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 22225
Ion Ratio Lower Upper
237 100
235 56.9 44.8 84.8
272 13.1 0.0 33.3

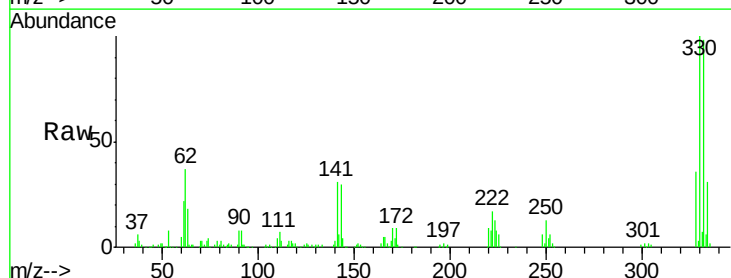


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

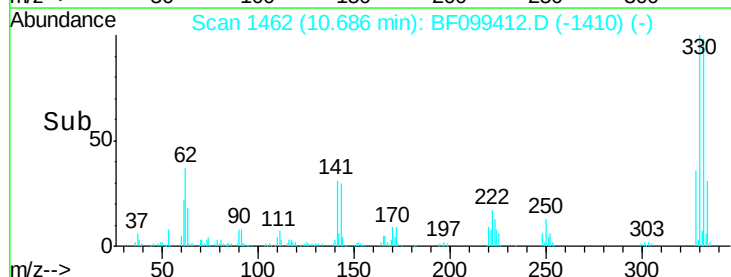
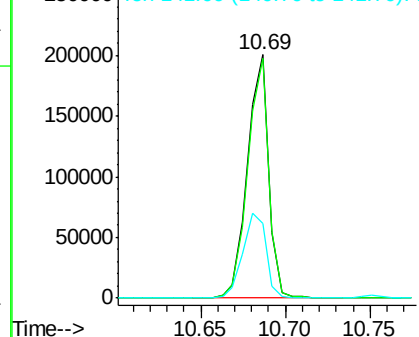


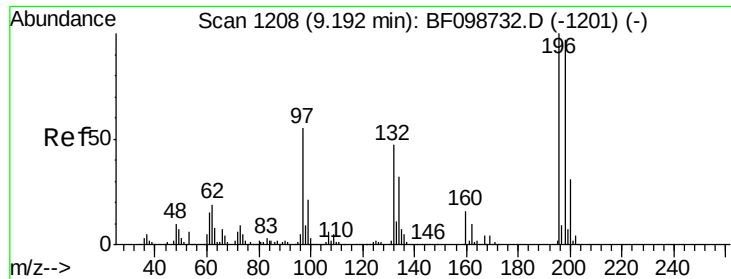
#41
2,4,6-Tribromophenol
Concen: 104.14 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:330 Resp: 177072
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 38.4 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: 41.93 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

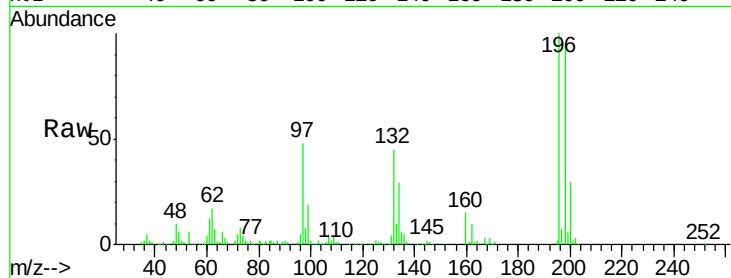
Tot Ion:196 Resp: 184065

Ion Ratio Lower Upper

196 100

198 95.1 75.7 113.5

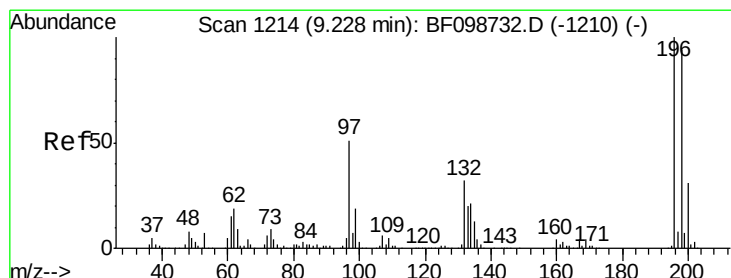
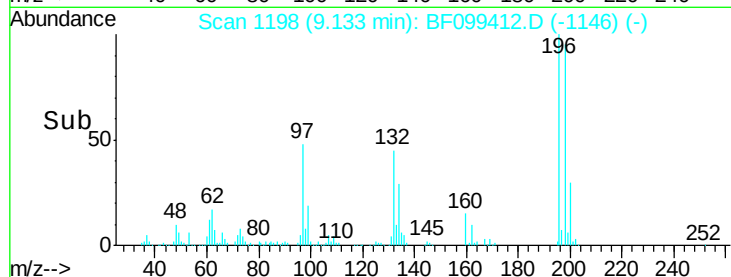
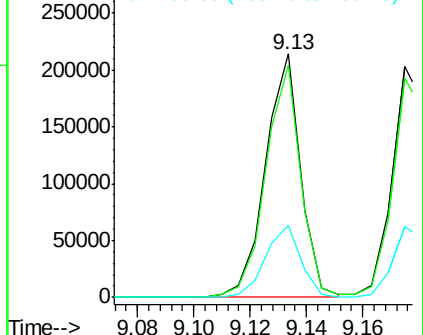
200 29.8 24.5 36.7



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: 42.98 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Tgt Ion:196 Resp: 188361

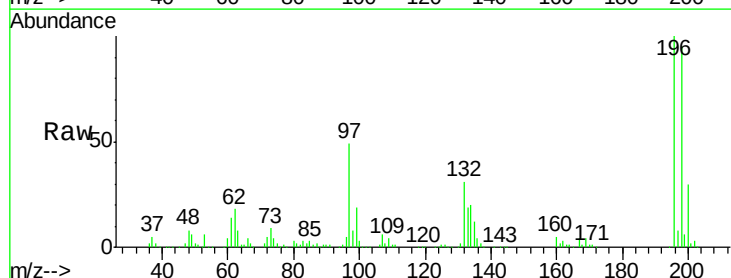
Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

97 48.7 42.9 64.3

132 31.4 26.3 39.5

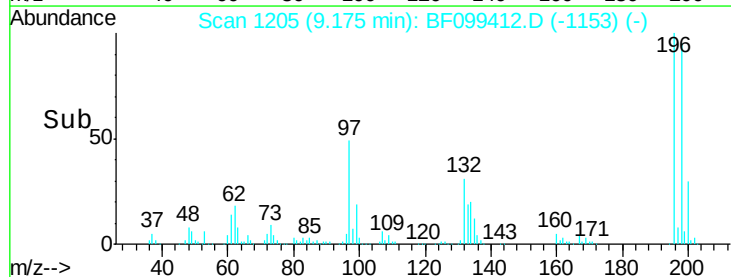
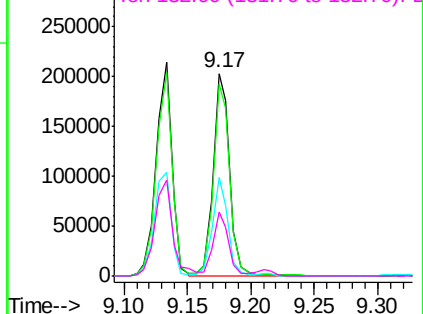


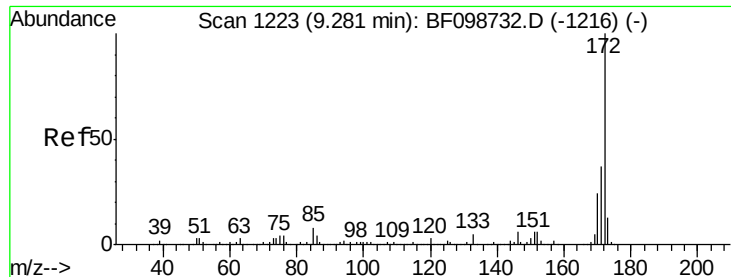
Abundance Ion 196.00 (195.70 to 196.70): E

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



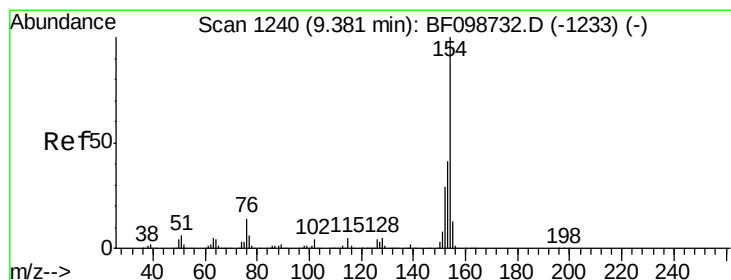
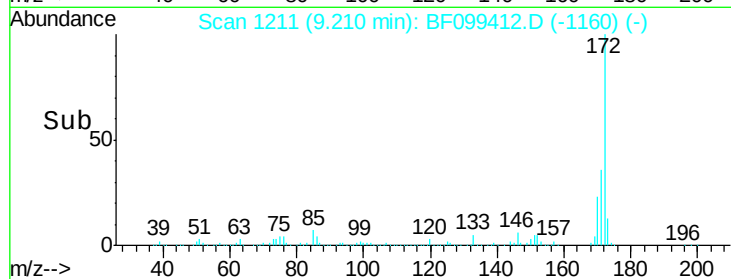
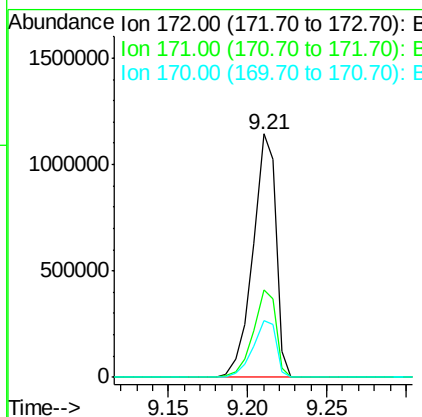
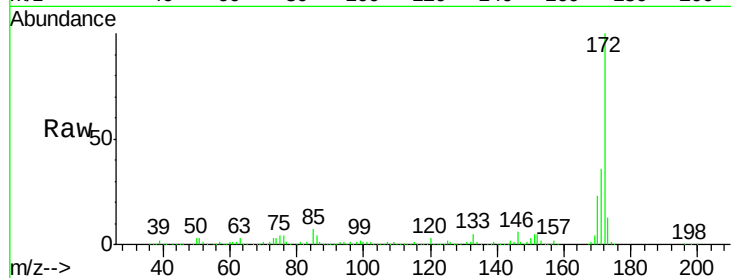


#44
 2-Fluorobiphenyl
 Concen: 92.92 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1156557

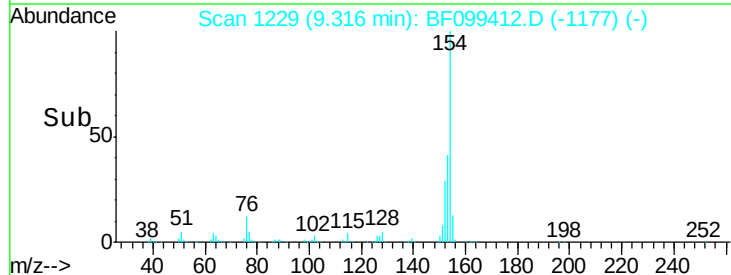
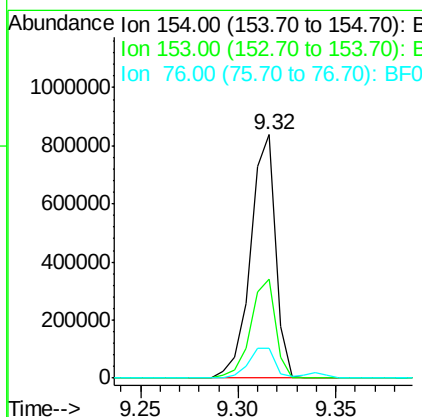
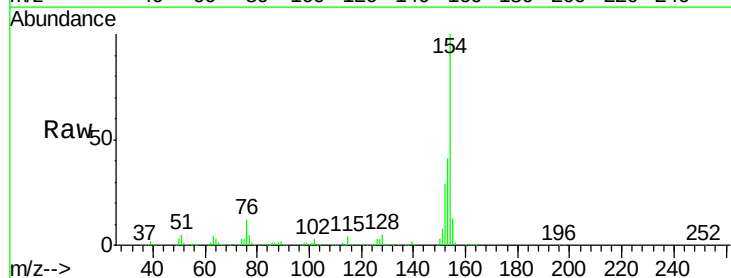
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

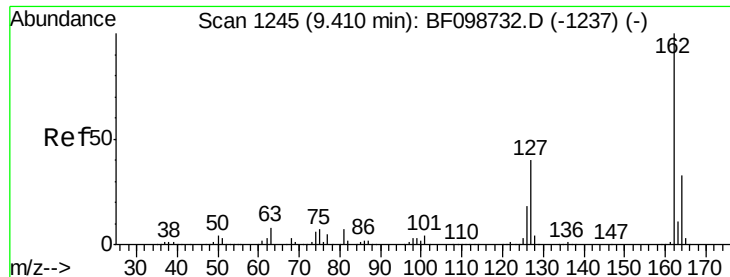


#45
 1,1'-Biphenyl
 Concen: 41.55 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion:154 Resp: 741996

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.2	0.0	34.0

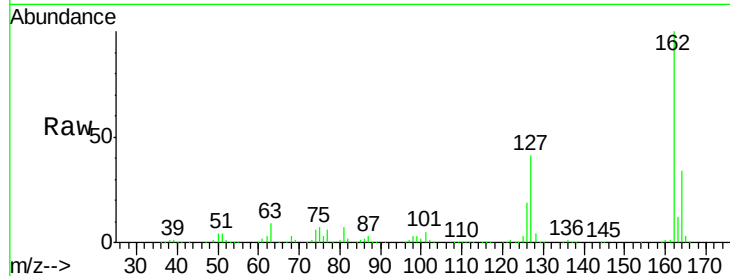




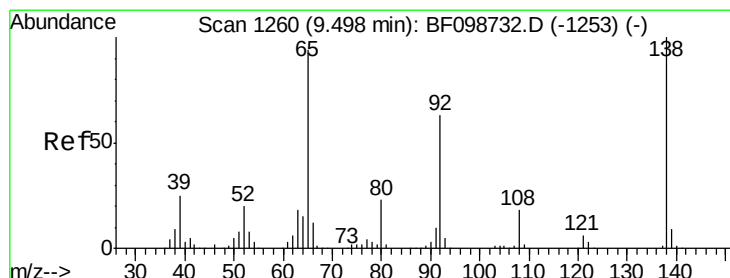
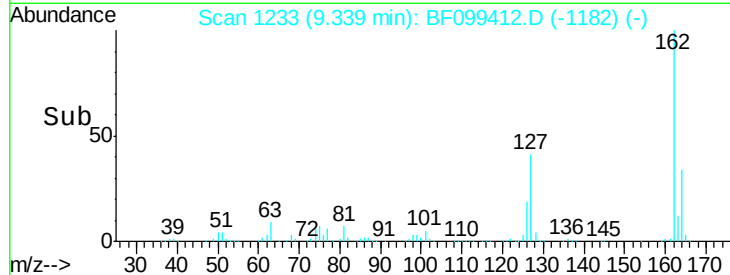
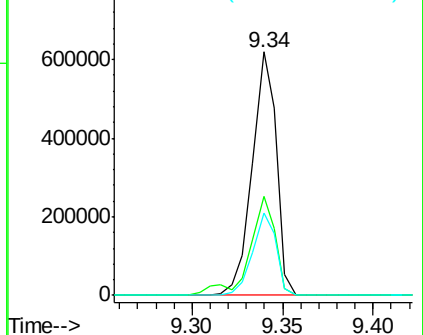
#46
 2-Chloronaphthalene
 Concen: 42.68 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 572331
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.9 50.9
 164 33.6 26.5 39.7

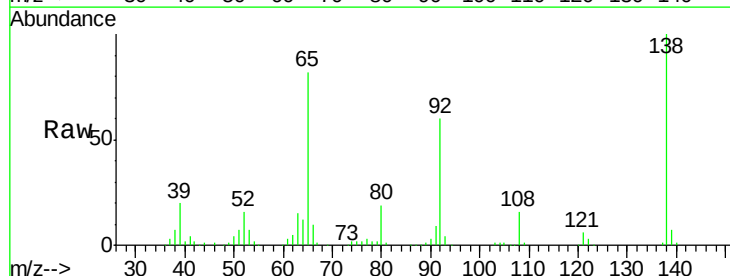


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

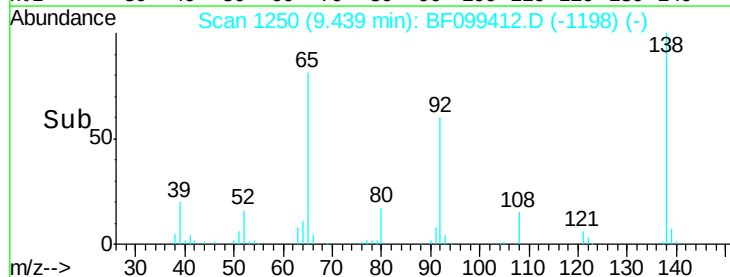
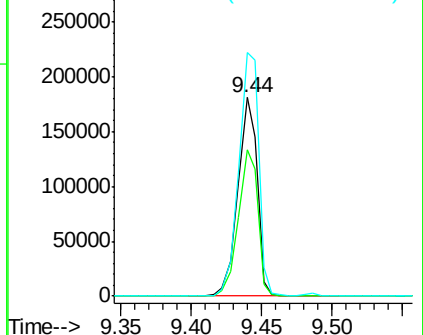


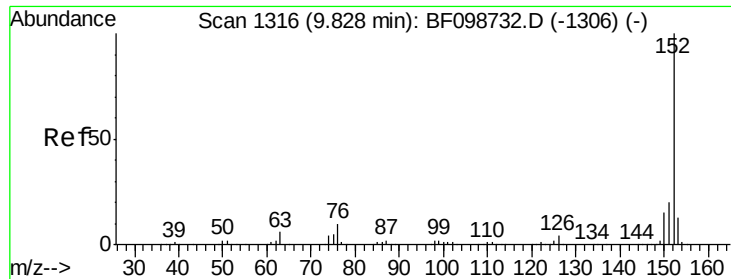
#47
 2-Nitroaniline
 Concen: 41.93 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion: 65 Resp: 172141
 Ion Ratio Lower Upper
 65 100
 92 73.5 55.8 83.6
 138 122.6 91.2 136.8



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





#48

Acenaphthylene

Concen: 40.52 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

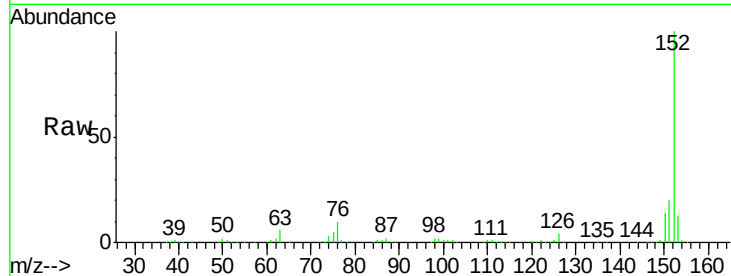
Tot Ion:152 Resp: 831605

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

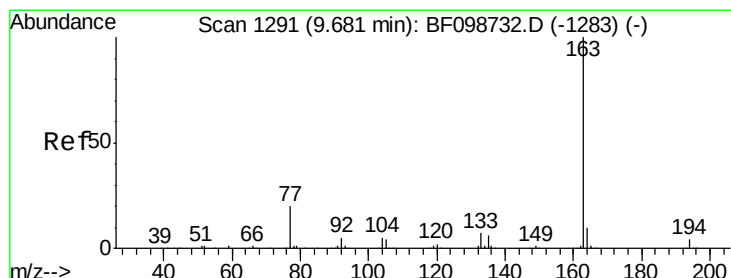
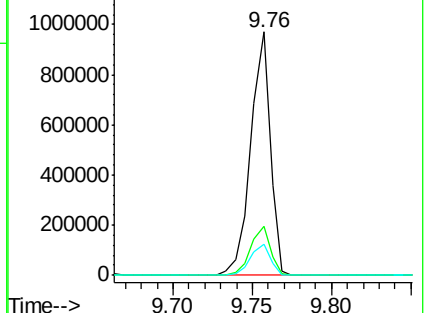
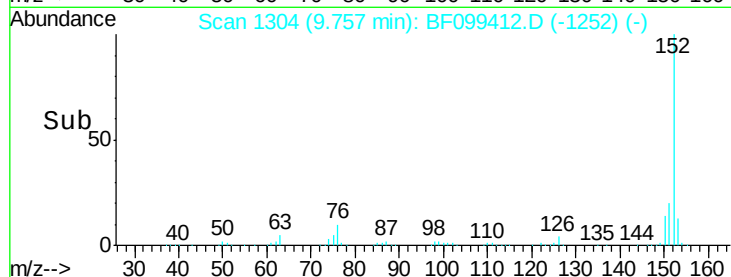
153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 55.48 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

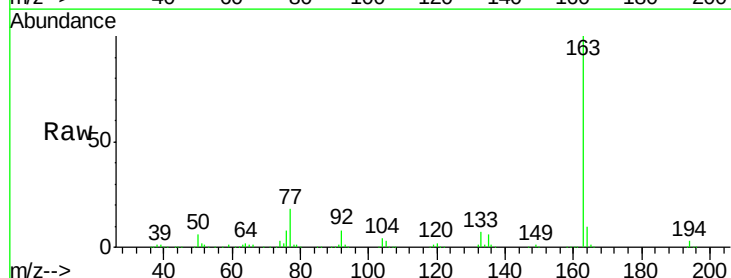
Tgt Ion:163 Resp: 870017

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

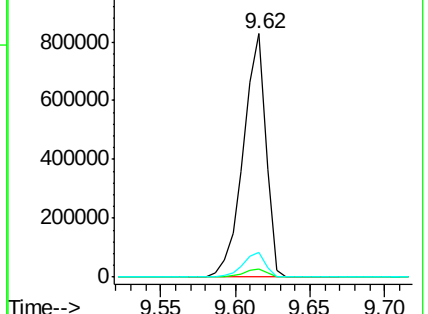
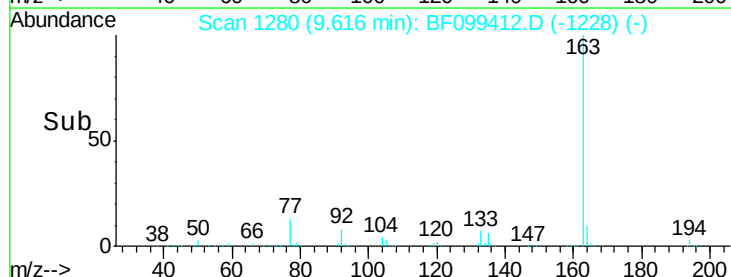
164 10.3 8.2 12.2

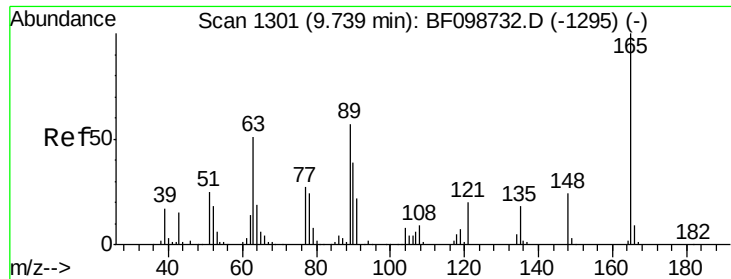


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

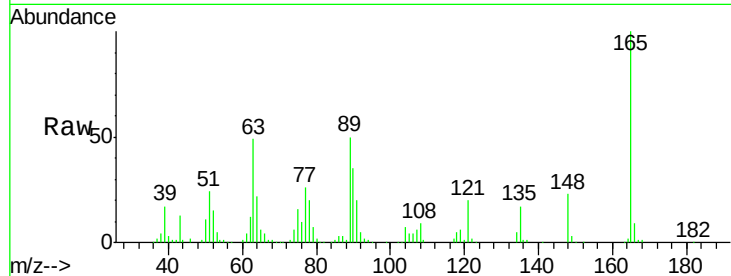




#50
2,6-Dinitrotoluene
Concen: 42.44 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampled :

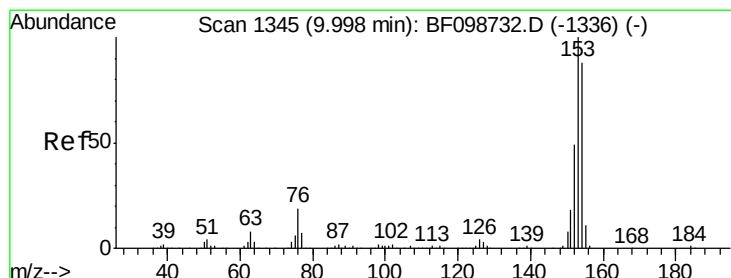
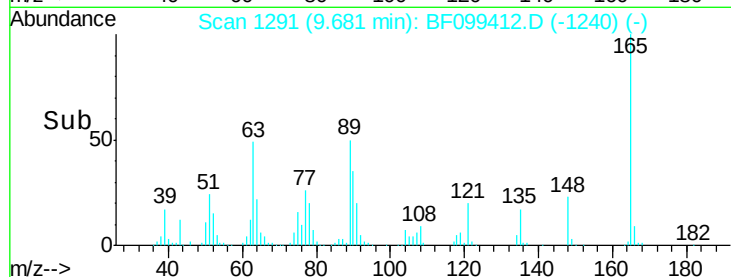
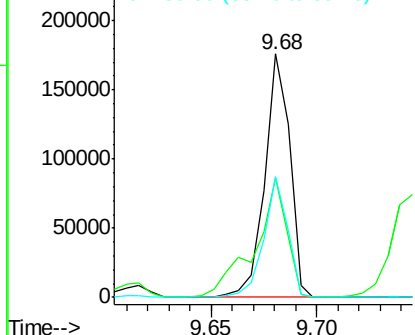
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	44.7	67.1
89	49.7	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E

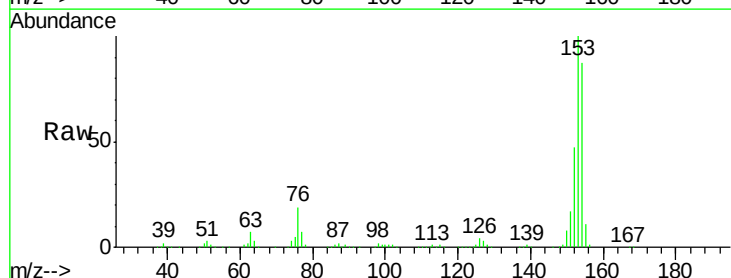
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 37.31 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

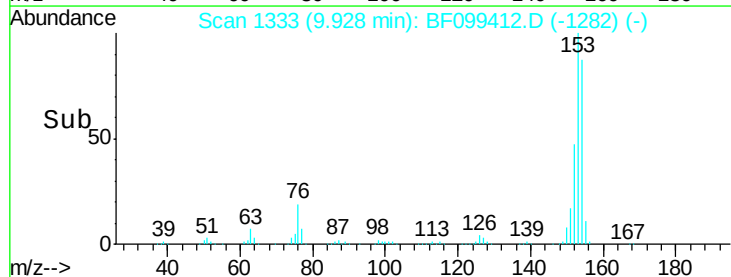
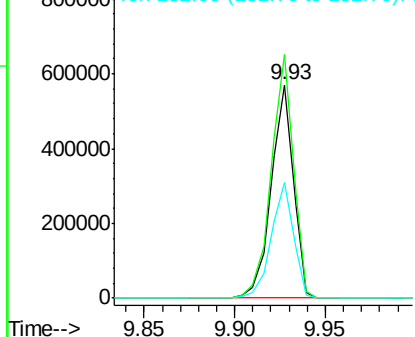
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	54.1	43.8	65.8

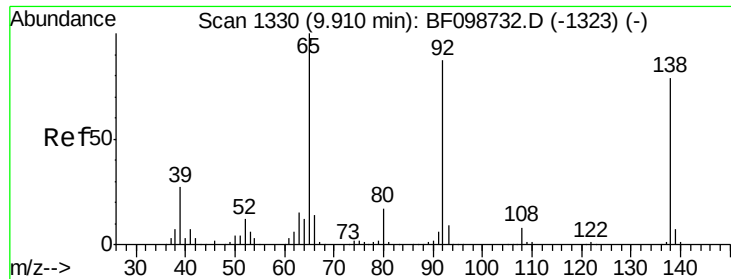


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 34.39 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

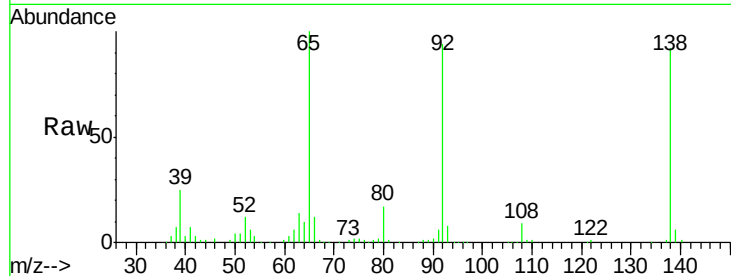
Tot Ion:138 Resp: 136895

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

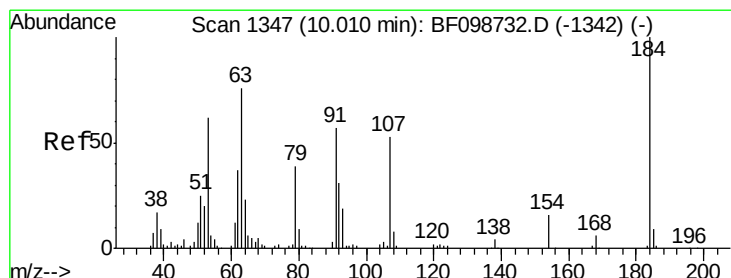
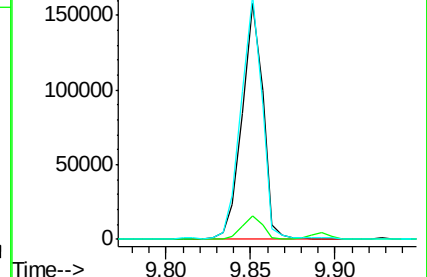
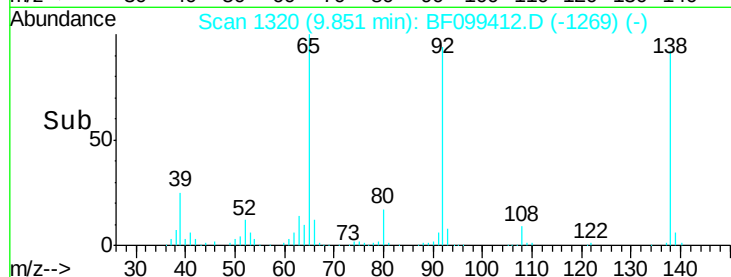
92 102.9 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 6.57 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

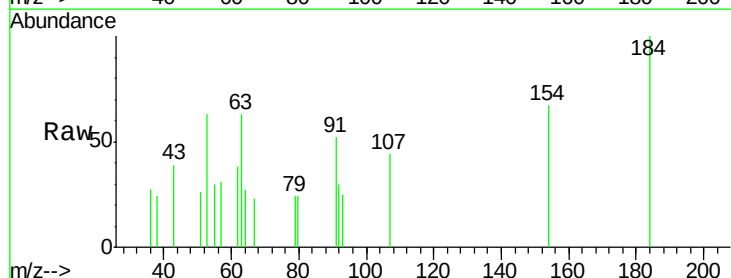
Tgt Ion:184 Resp: 1424

Ion Ratio Lower Upper

184 100

63 62.6 54.2 81.2

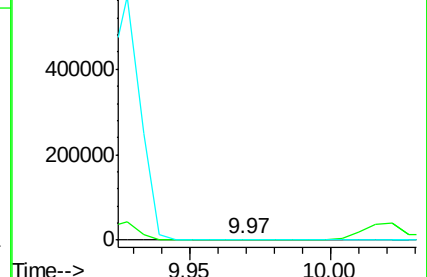
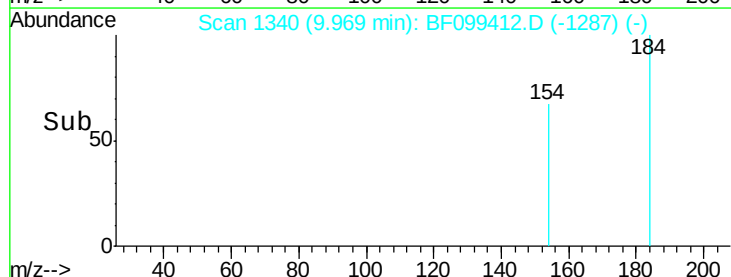
154 66.6 53.5 80.3

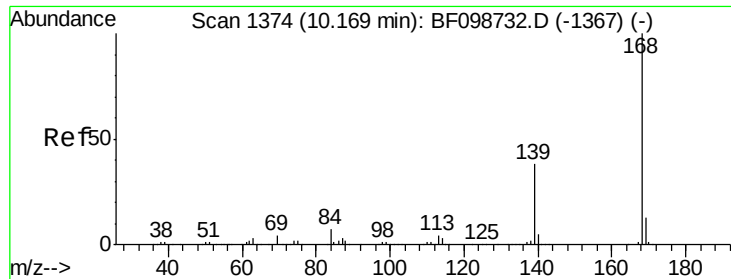


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.17 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

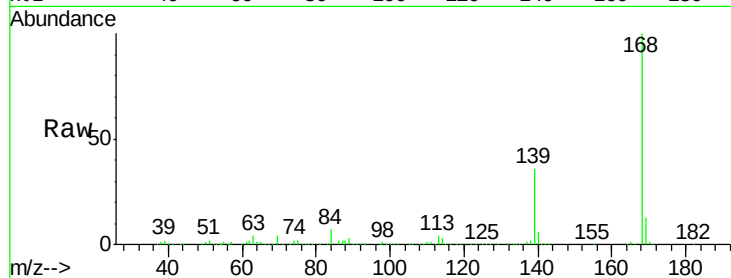
Tot Ion:168 Resp: 712656

Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

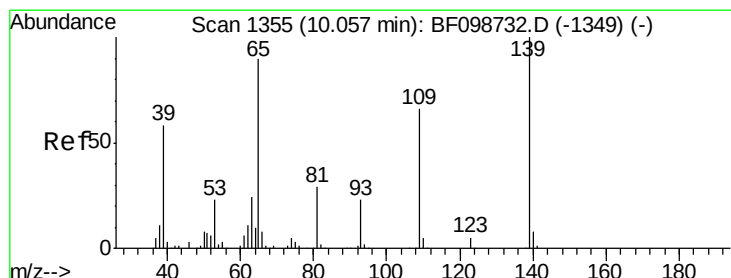
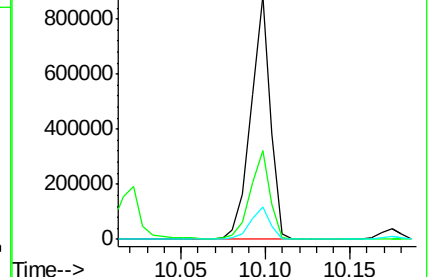
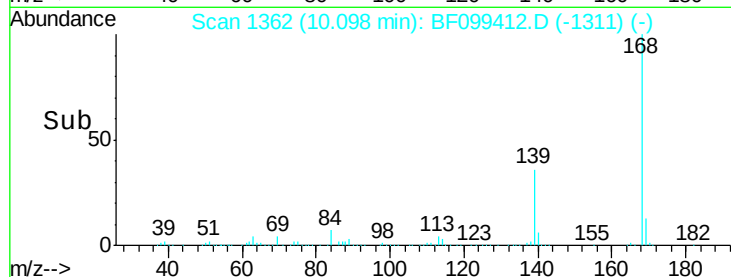
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.80 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

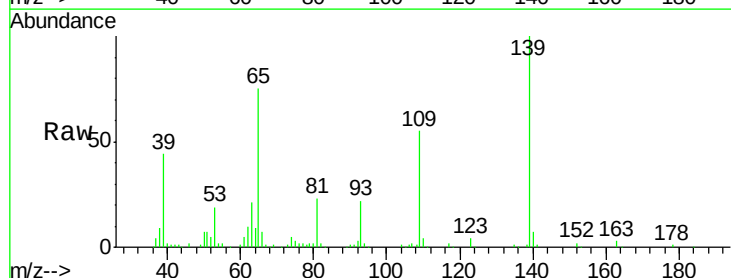
Tgt Ion:139 Resp: 181104

Ion Ratio Lower Upper

139 100

109 55.2 48.4 88.4

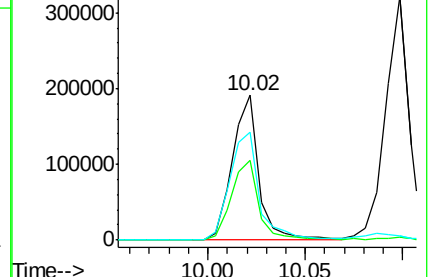
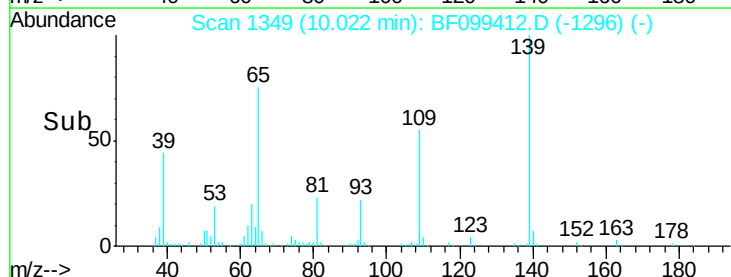
65 75.0 72.6 112.6

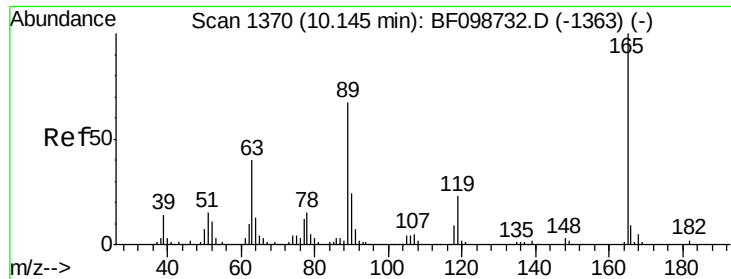


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

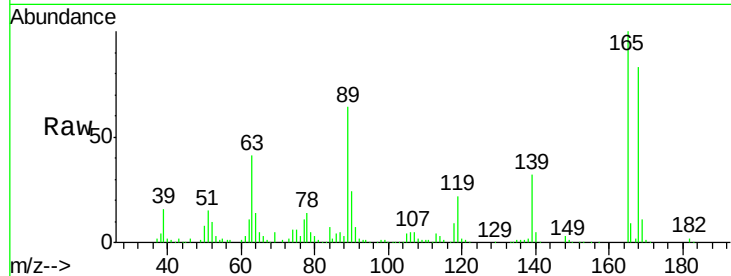




#56
2,4-Dinitrotoluene
Concen: 37.85 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp: 167699
Ion Ratio	Lower Upper
165 100	
63 41.3	36.4 54.6
89 64.4	57.8 86.6
182 2.3	1.6 2.4

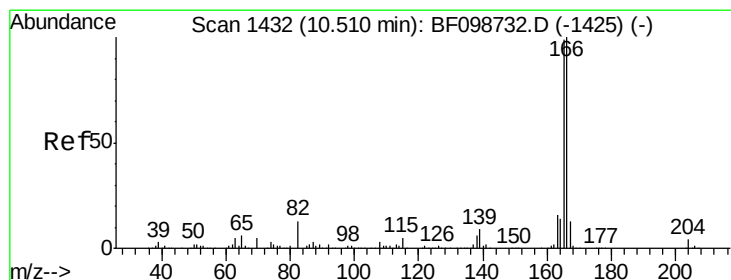
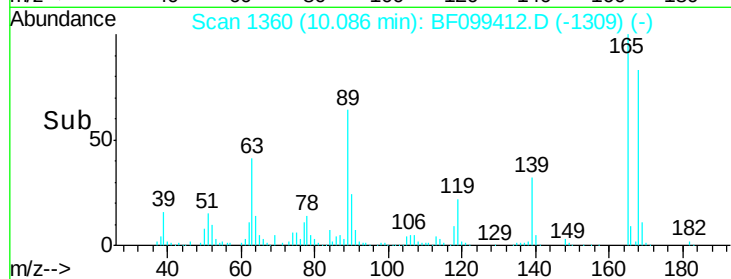
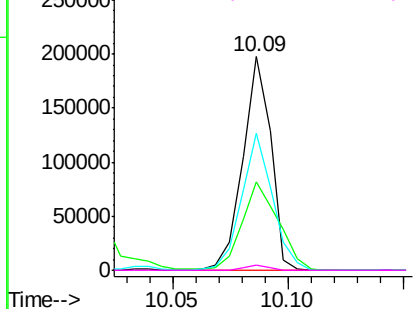


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

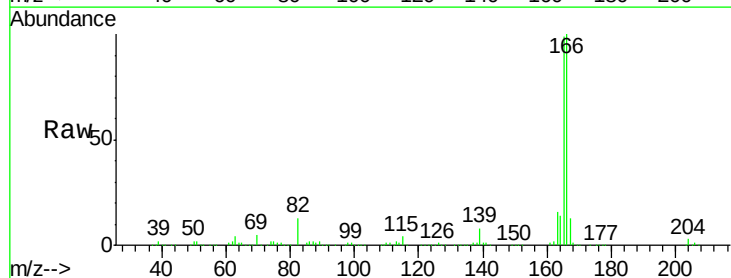
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 38.50 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

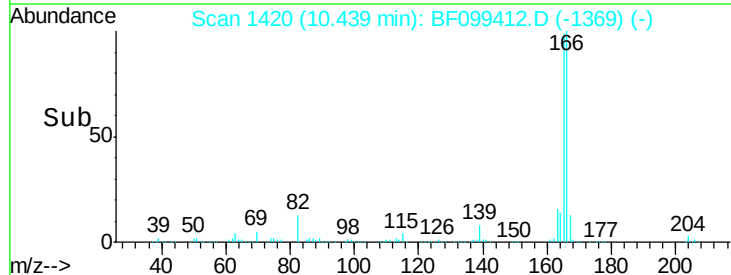
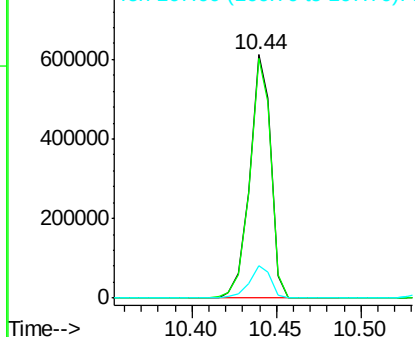
Tgt	Ion:166	Resp:	535663
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.1	10.6	16.0

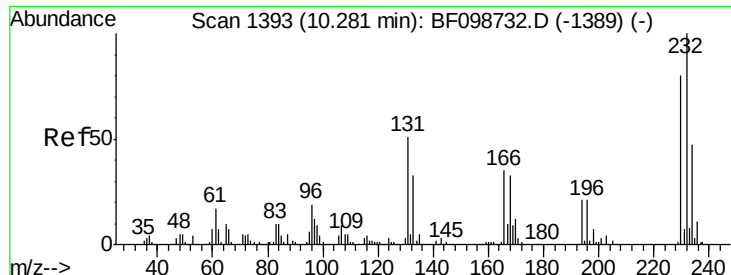


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

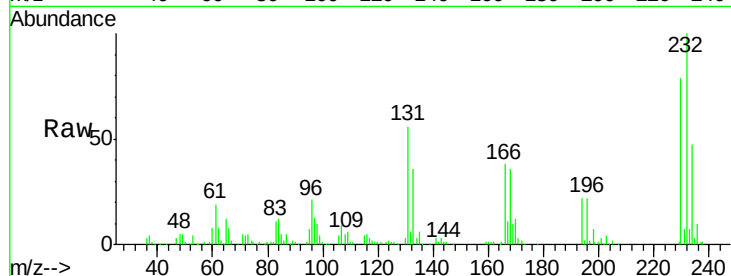




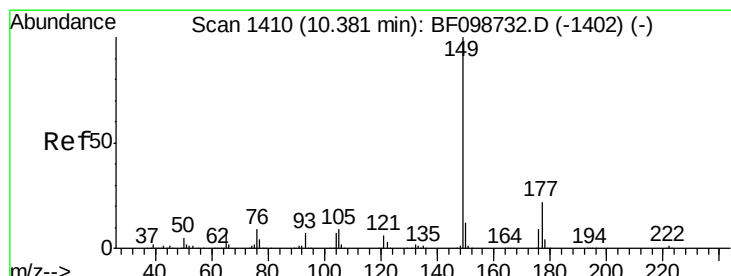
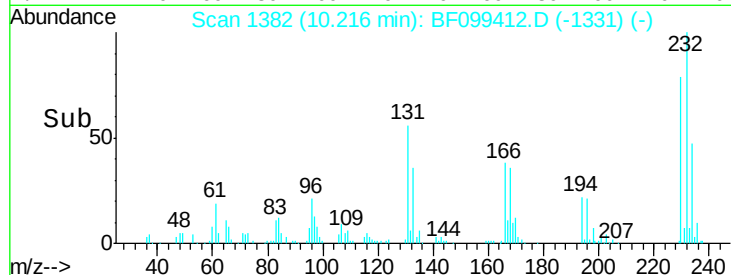
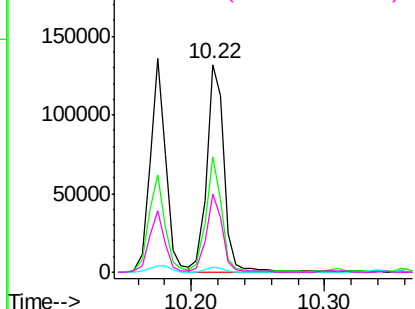
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.82 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 117526
 Ion Ratio Lower Upper
 232 100
 131 49.8 43.8 65.8
 130 2.5 2.1 3.1
 166 35.5 27.8 41.6

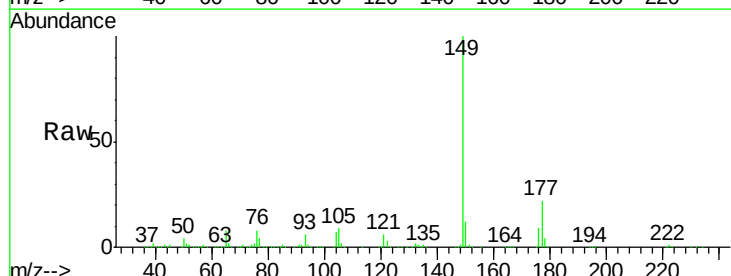


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

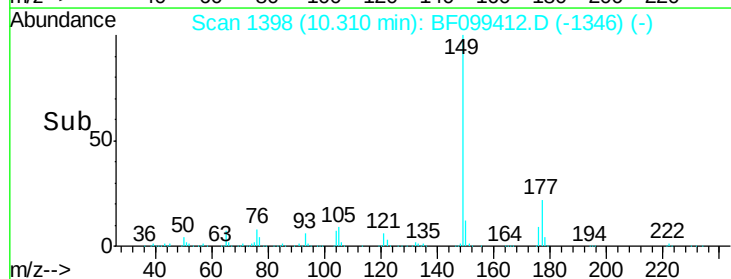
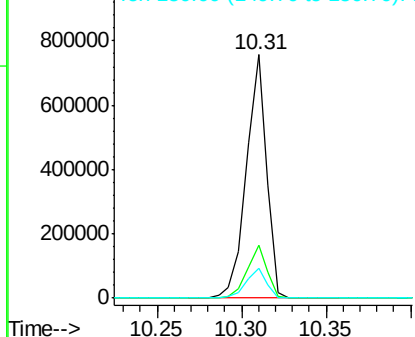


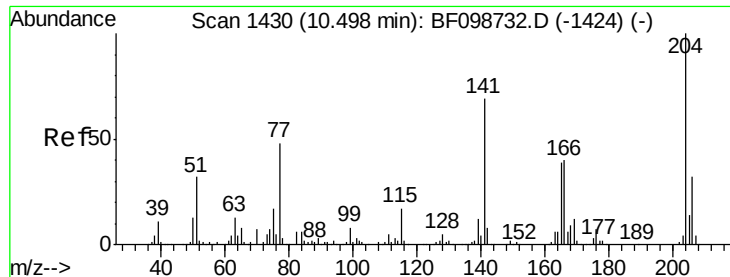
#59
 Diethylphthalate
 Concen: 41.59 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion:149 Resp: 637367
 Ion Ratio Lower Upper
 149 100
 177 21.9 16.1 24.1
 150 12.3 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

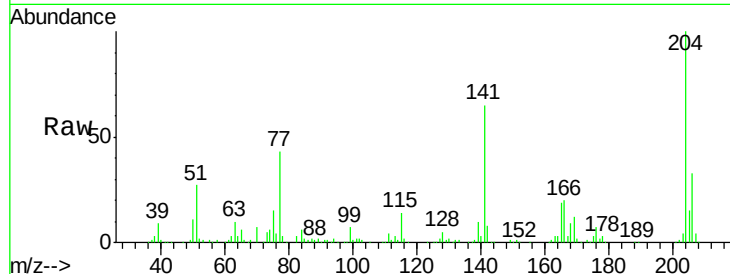




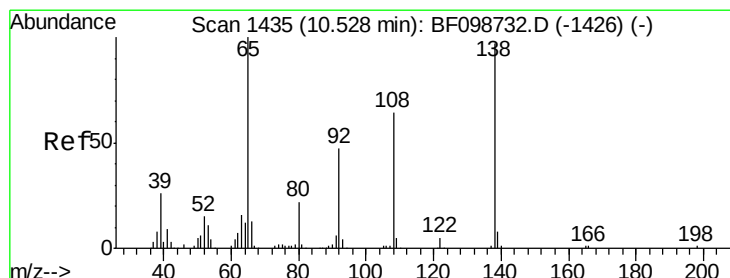
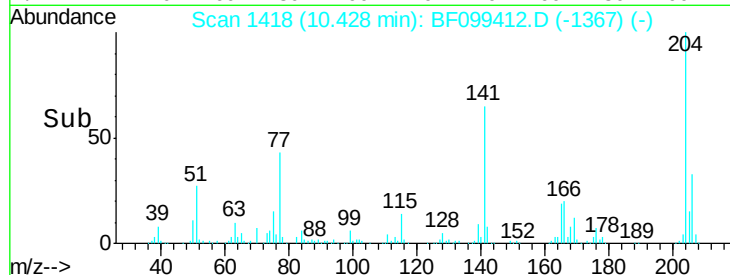
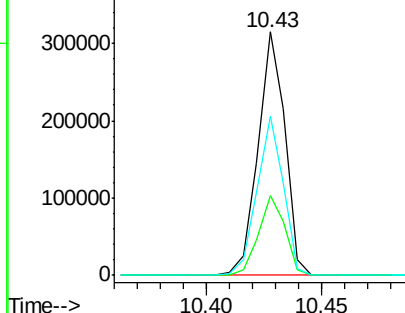
#60
4-Chlorophenyl-phenylether
Concen: 40.91 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 255731
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.4 54.6 81.8

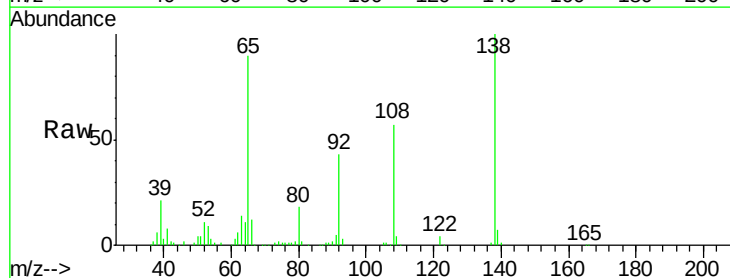


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

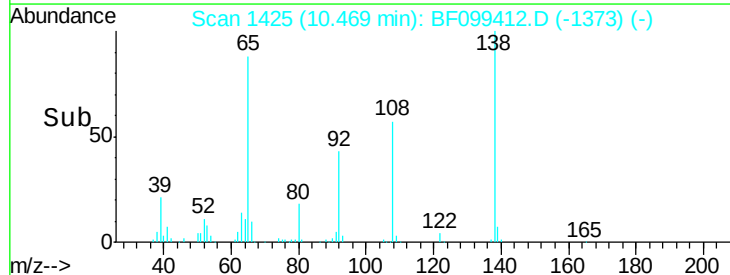
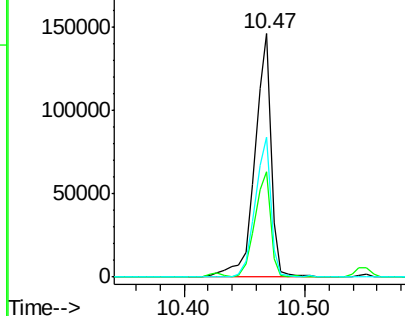


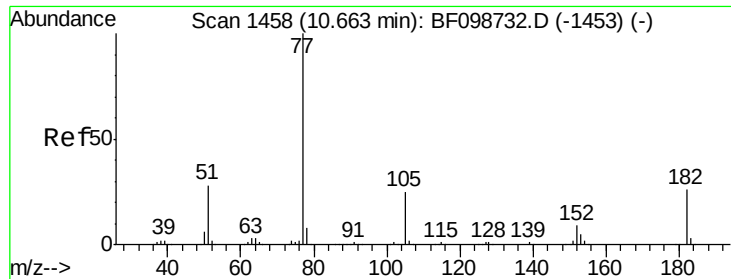
#61
4-Nitroaniline
Concen: 36.22 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:138 Resp: 139099
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 57.2 52.5 92.5



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





#62

Azobenzene

Concen: 37.70 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 531146

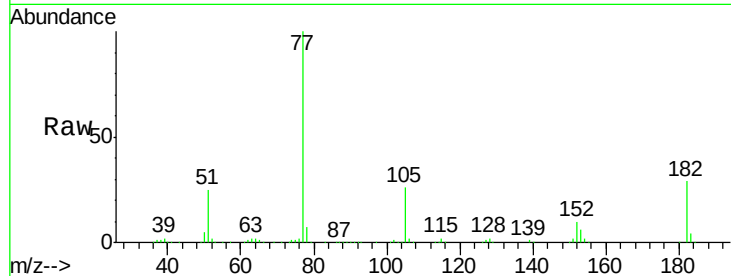
Ion Ratio Lower Upper

77 100

182 29.2 1.7 41.7

105 25.9 3.0 43.0

51 24.9 9.9 49.9

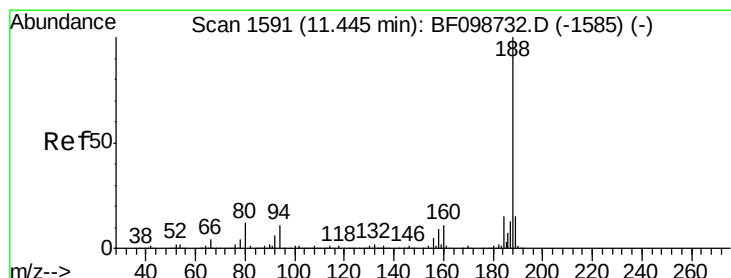
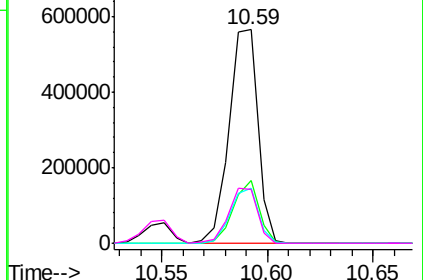
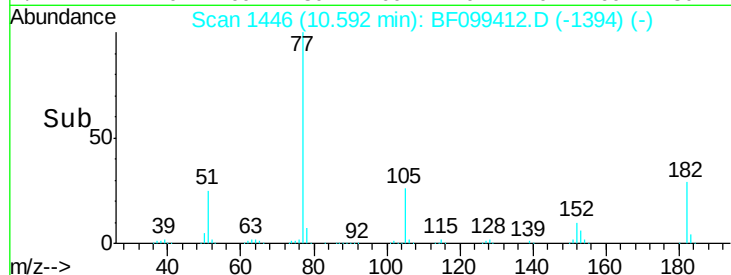


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

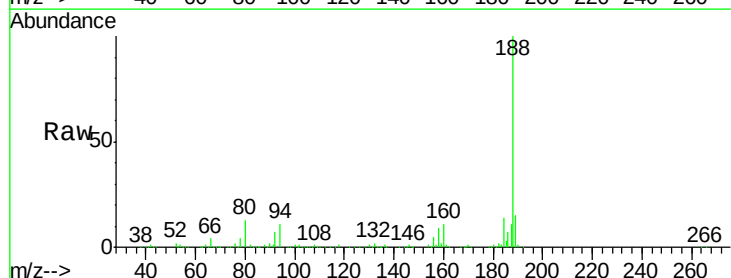
Tgt Ion: 188 Resp: 290052

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

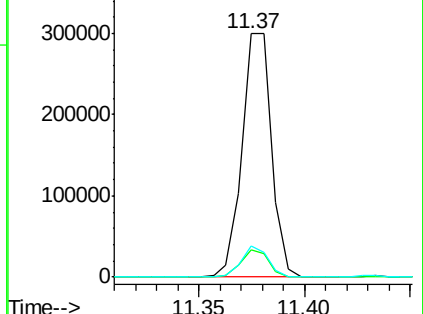
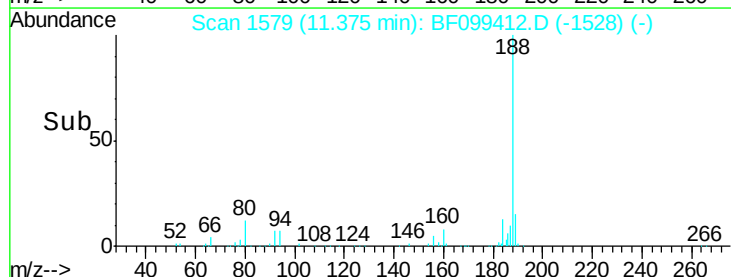
80 12.6 9.2 13.8

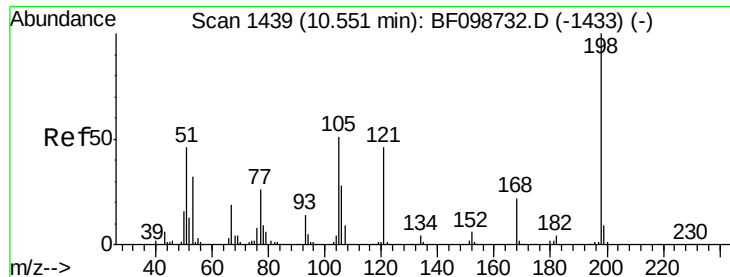


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

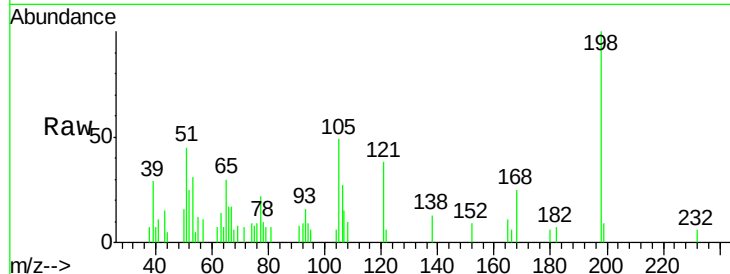




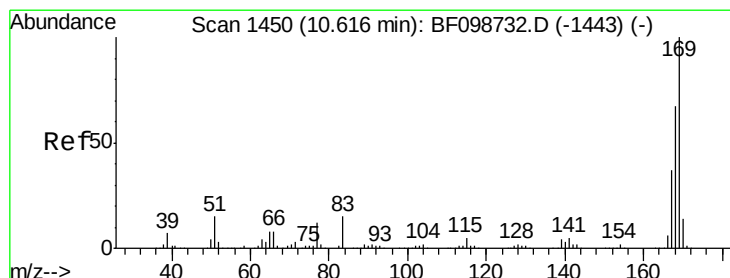
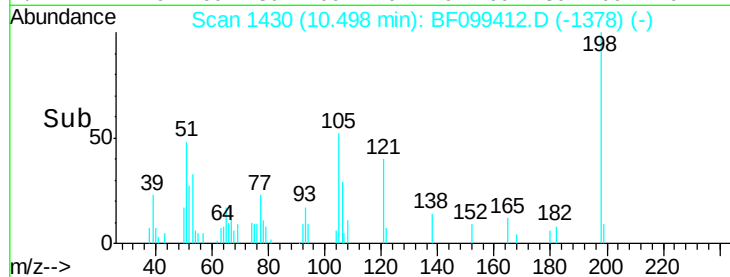
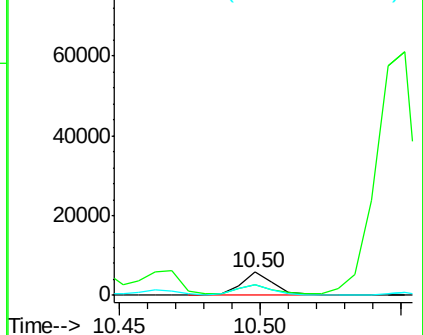
#64
4,6-Dinitro-2-methylphenol
Concen: 2.63 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 4633
Ion Ratio Lower Upper
198 100
51 44.8 37.7 77.7
105 48.8 36.3 76.3

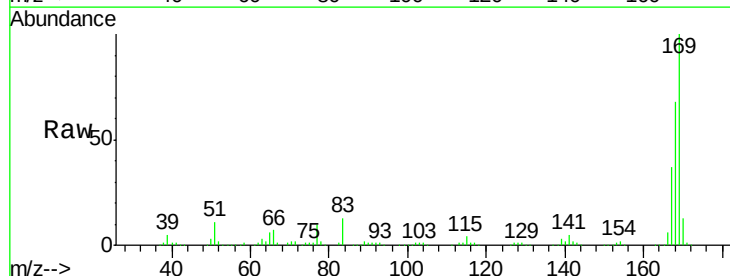


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

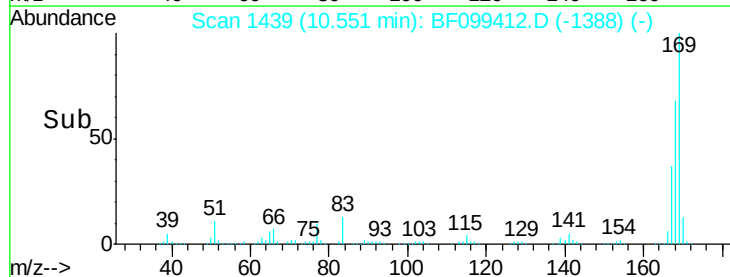
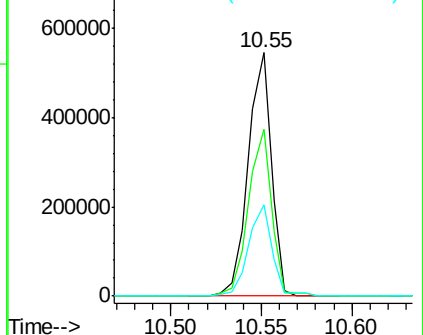


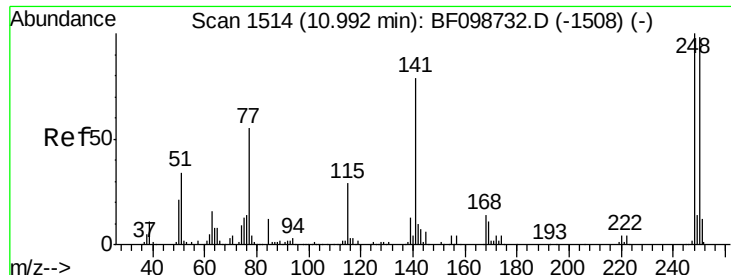
#65
n-Nitrosodiphenylamine
Concen: 48.59 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:169 Resp: 488209
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 37.5 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

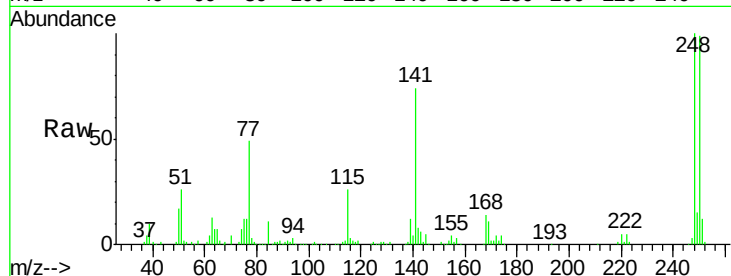




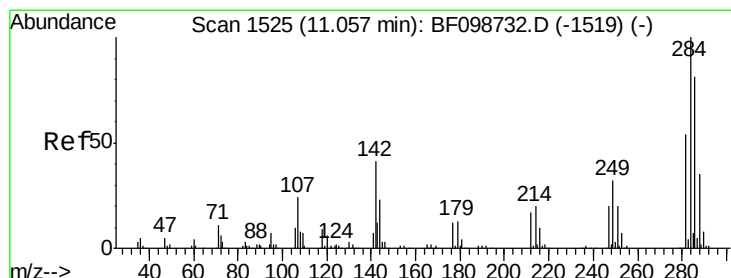
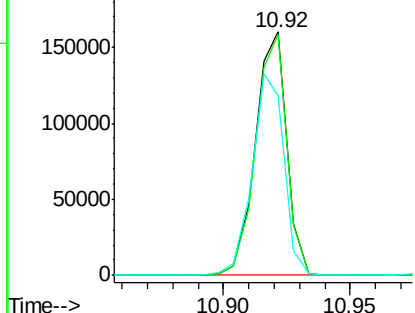
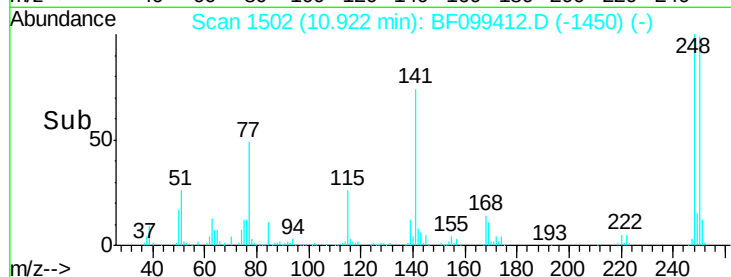
#66
4-Bromophenyl-phenylether
Concen: 48.39 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 137399
Ion Ratio Lower Upper
248 100
250 99.0 76.9 115.3
141 73.8 74.4 111.6#

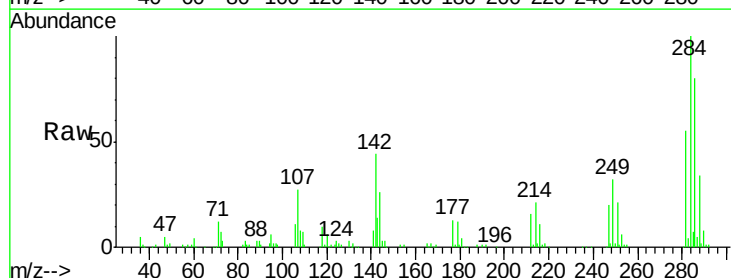


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

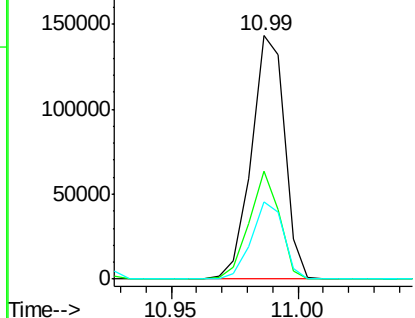
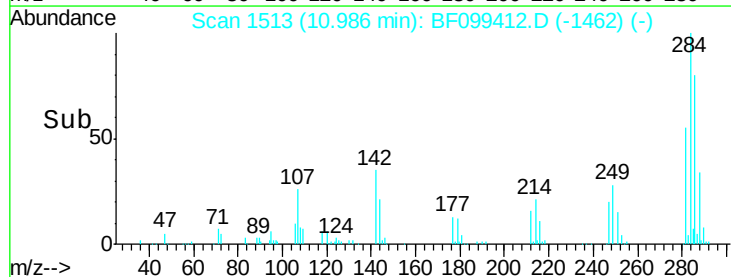


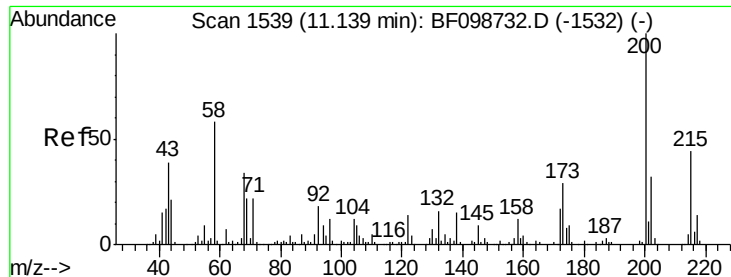
#67
Hexachlorobenzene
Concen: 43.21 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:284 Resp: 131017
Ion Ratio Lower Upper
284 100
142 44.1 34.6 52.0
249 31.8 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

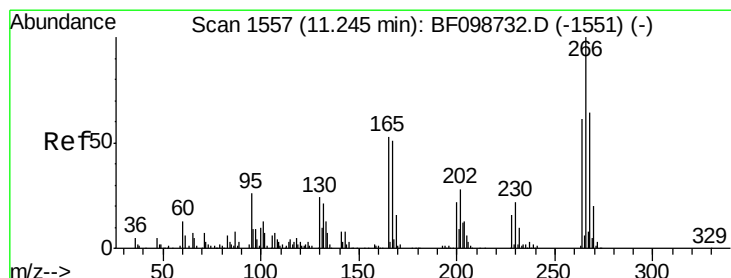
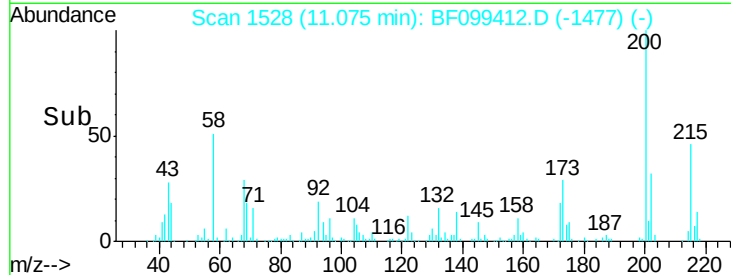
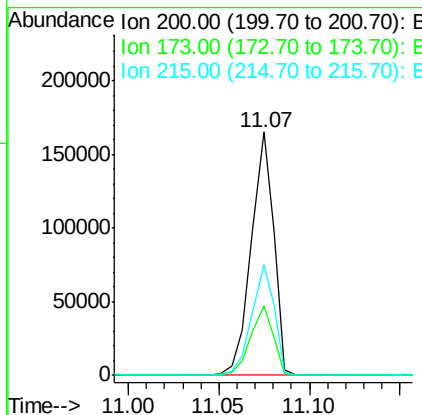
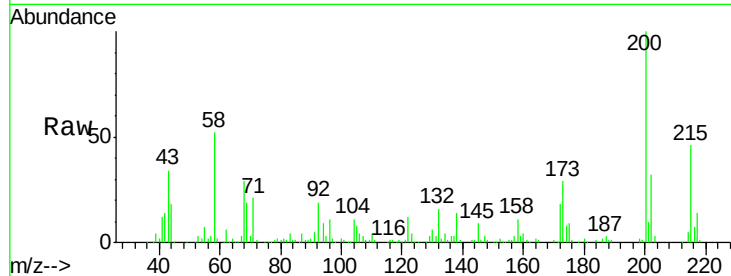




#68
Atrazine
Concen: 47.14 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

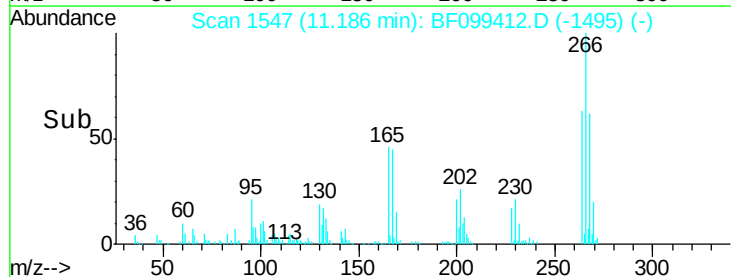
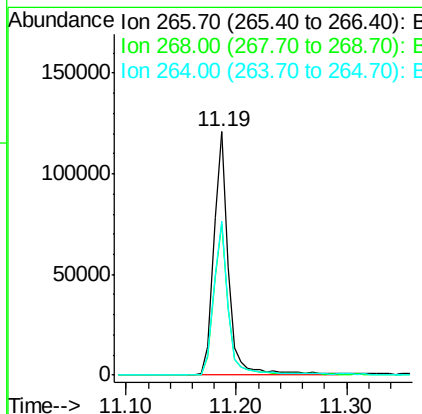
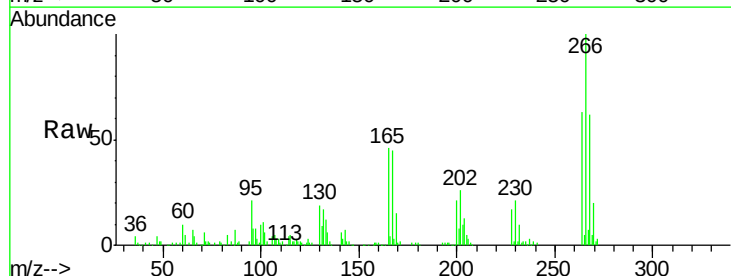
Instrument :
BNA_F
ClientSampled :

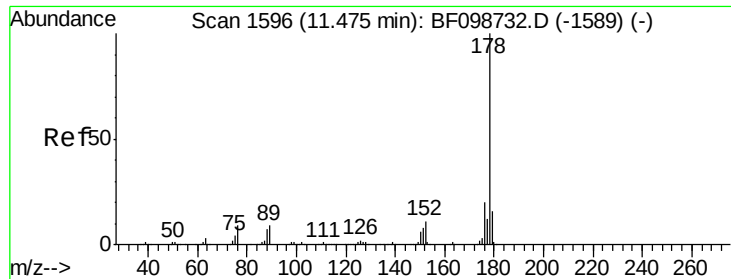
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	45.6	25.1	65.1



#69
Pentachlorophenol
Concen: 58.33 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.1	49.5	74.3





#70

Phenanthrene

Concen: 43.11 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

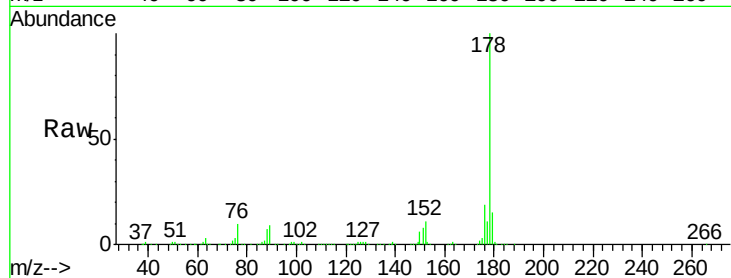
Tot Ion:178 Resp: 669241

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

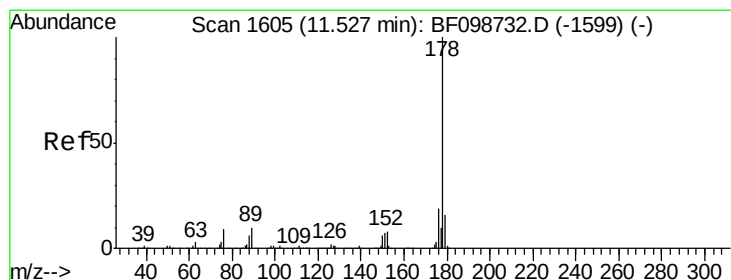
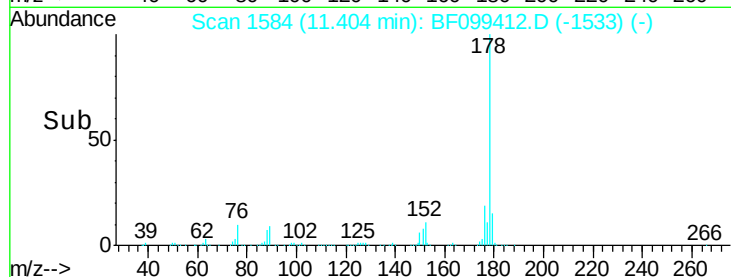
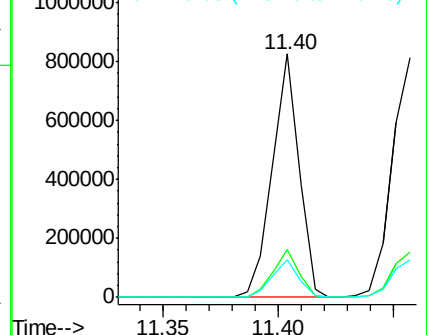
179 15.3 13.0 19.6



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: 42.09 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

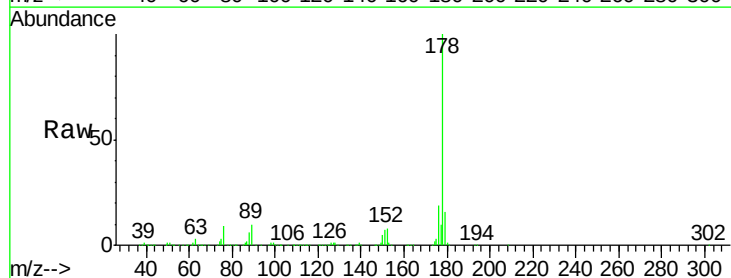
Tgt Ion:178 Resp: 668638

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

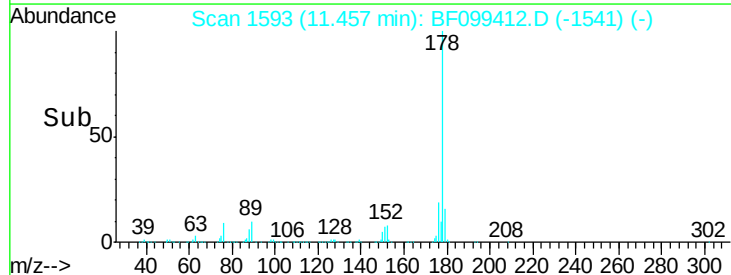
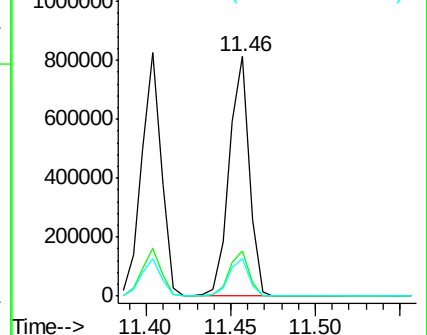
179 15.9 12.6 19.0

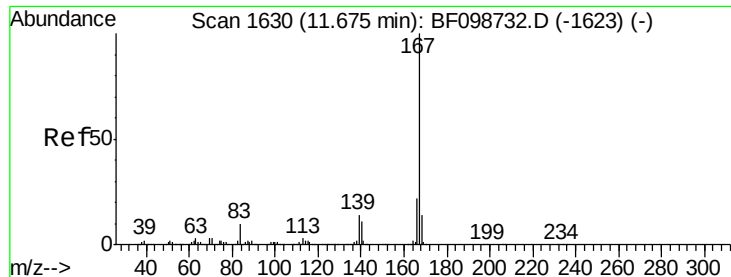


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

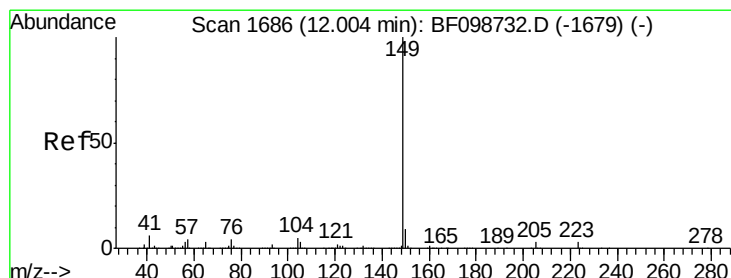
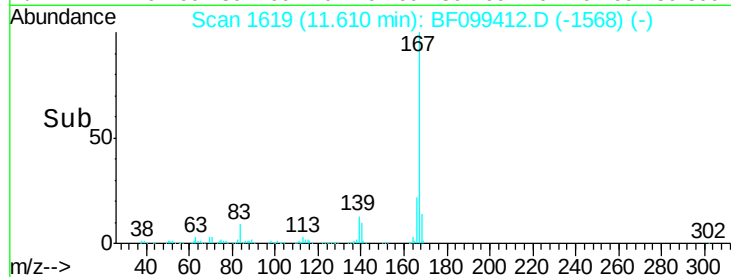
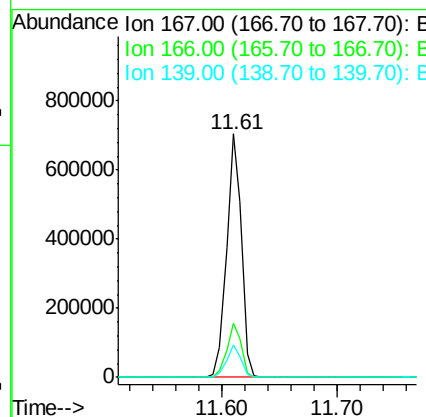
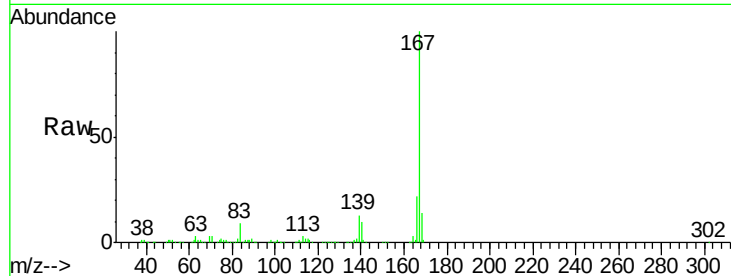




#72
 Carbazole
 Concen: 40.06 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

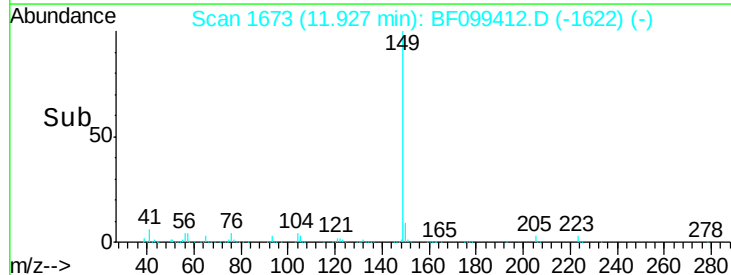
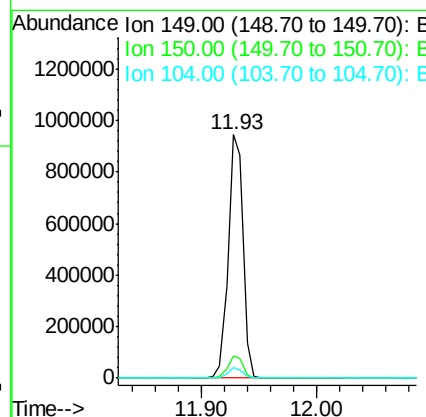
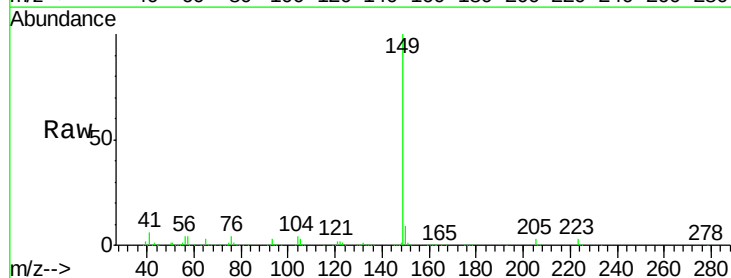
Instrument :
 BNA_F
 ClientSampleId :

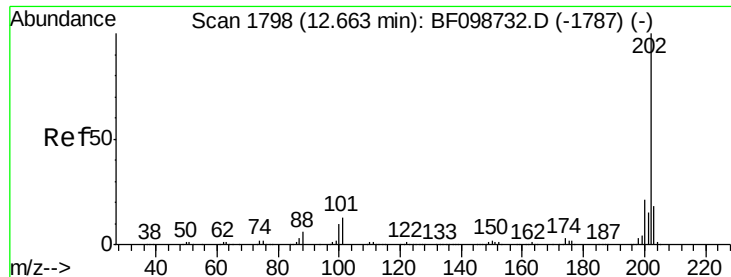
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.4	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 44.65 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8





#74

Fluoranthene

Concen: 41.85 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampled :

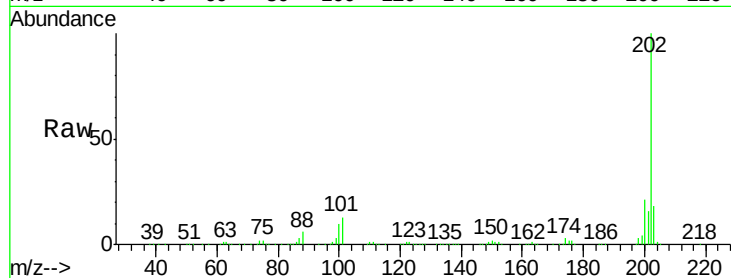
Tot Ion:202 Resp: 657883

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

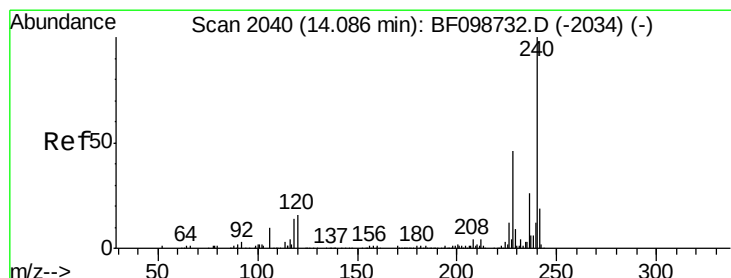
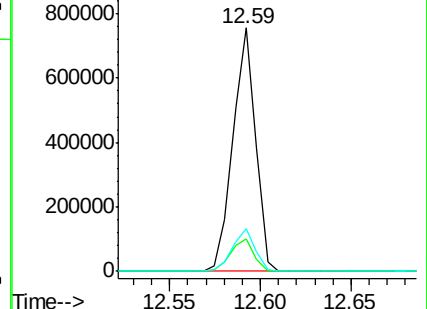
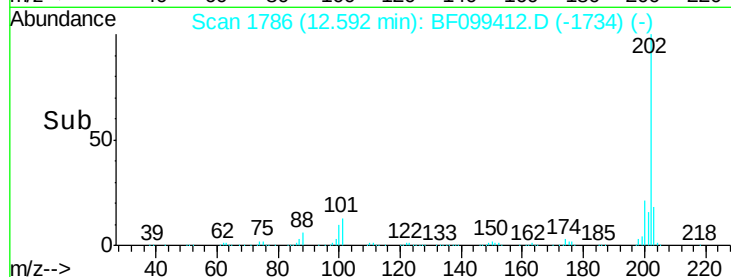
203 17.8 0.0 38.1



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: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

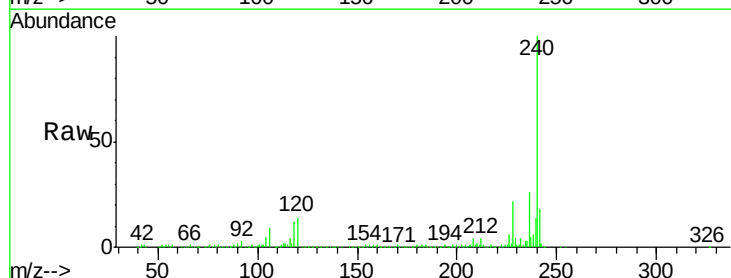
Tgt Ion:240 Resp: 228763

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

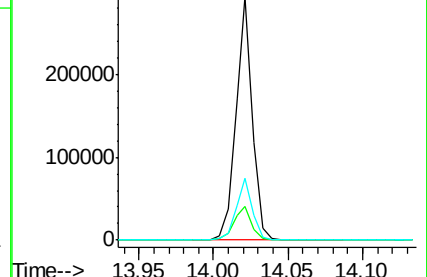
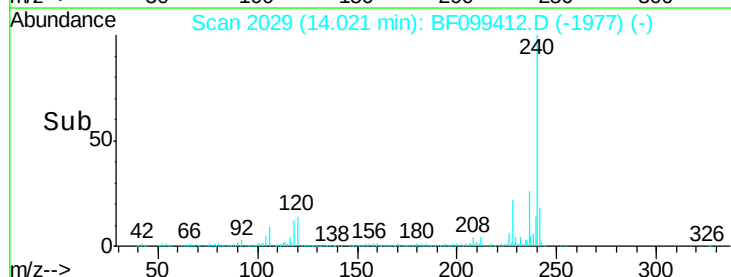
236 25.7 20.7 31.1

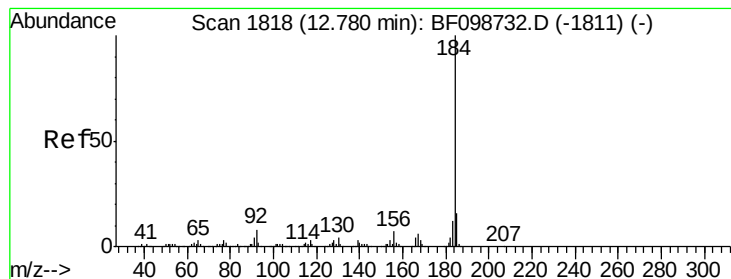


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 37.96 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

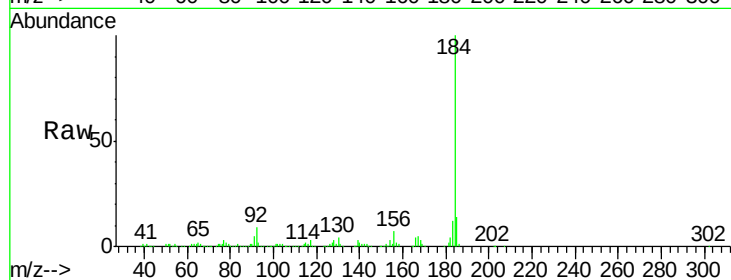
Tot Ion:184 Resp: 321164

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

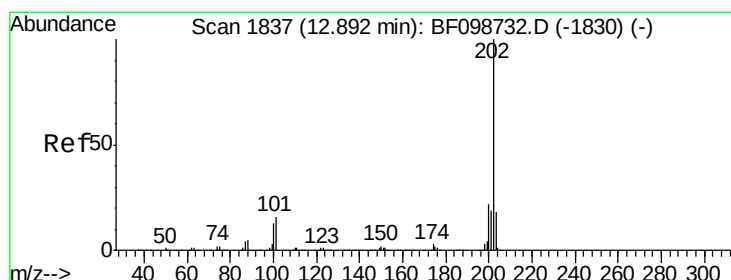
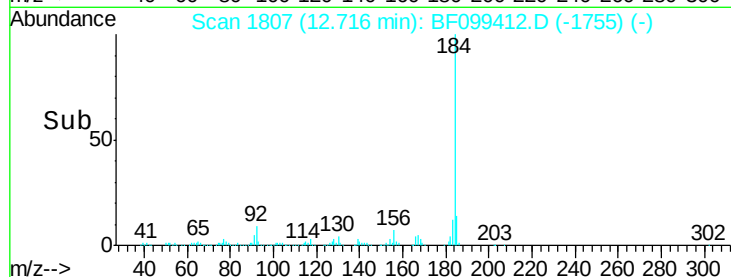
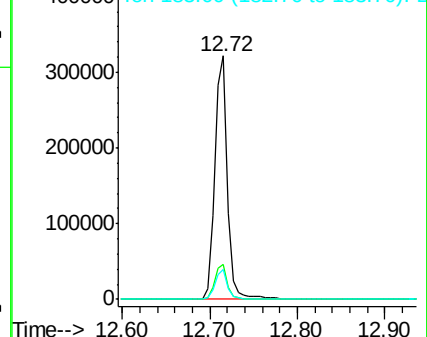
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.54 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

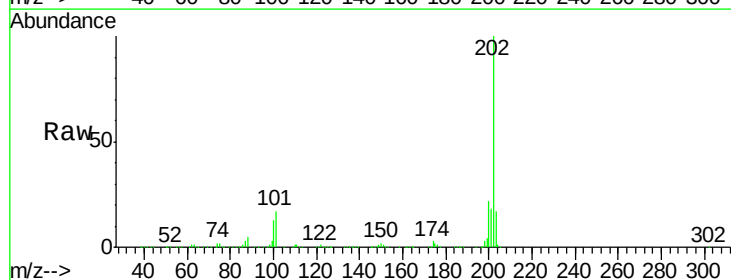
Tgt Ion:202 Resp: 672211

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

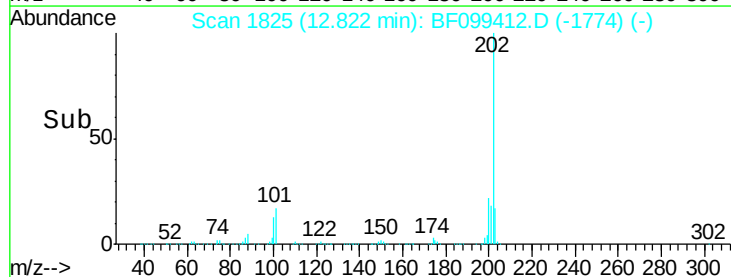
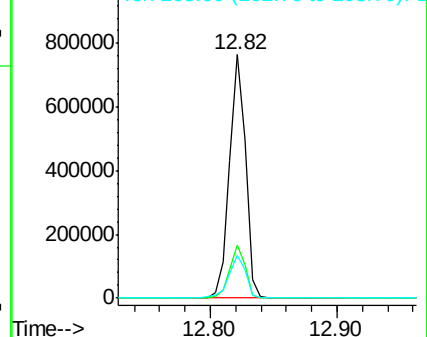
203 17.3 14.3 21.5

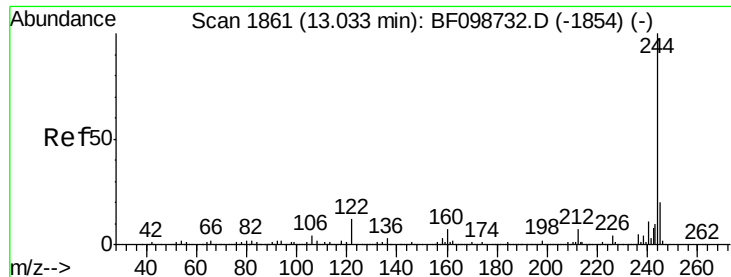


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

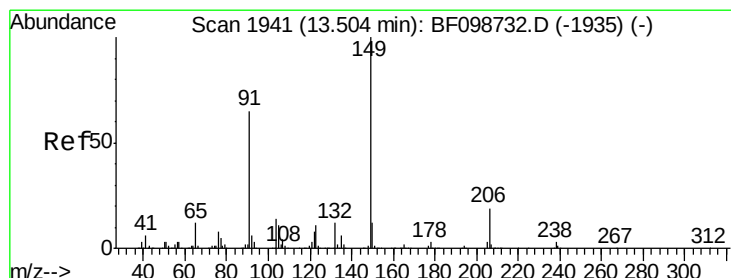
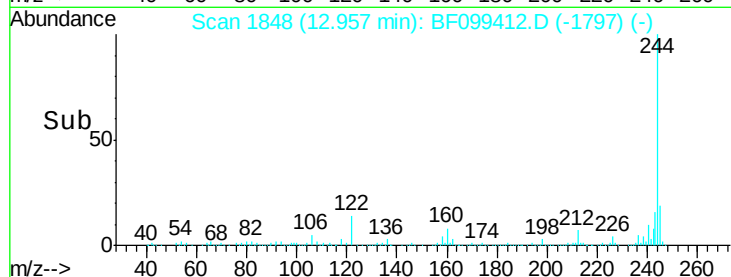
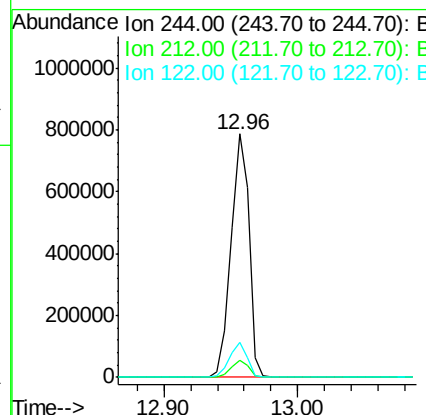
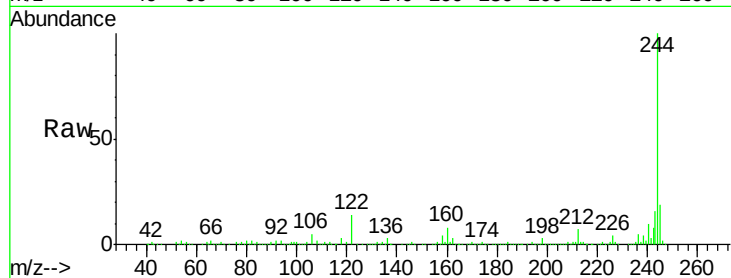




#78
 Terphenyl-d14
 Concen: 74.80 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

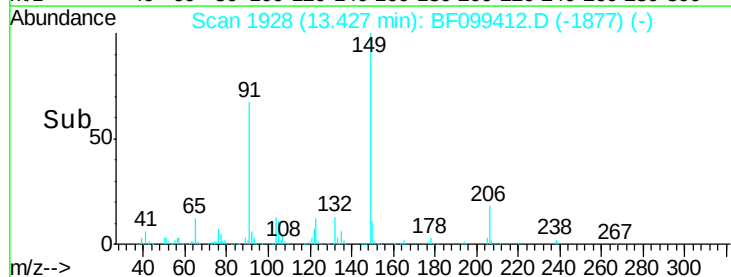
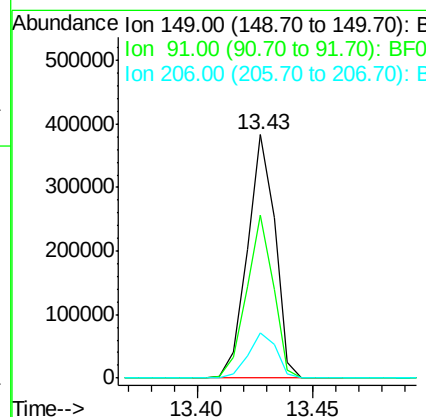
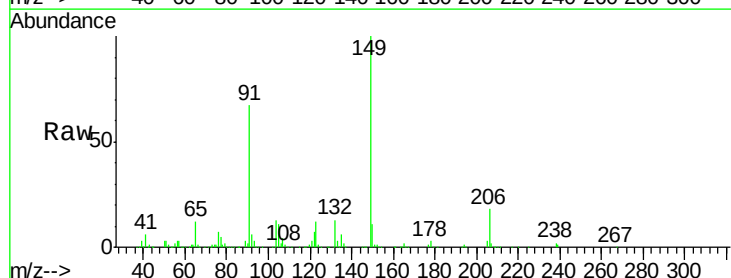
Instrument :
 BNA_F
 ClientSampled :

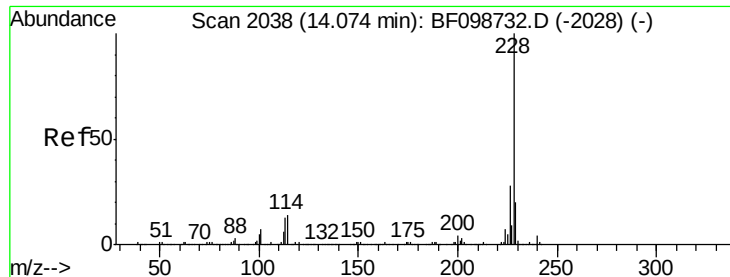
Tot Ion:244 Resp: 752462
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 39.10 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF099412.D
 Acq: 12 Oct 2017 23:20

Tgt Ion:149 Resp: 320571
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.8 85.2
 206 18.4 14.1 21.1

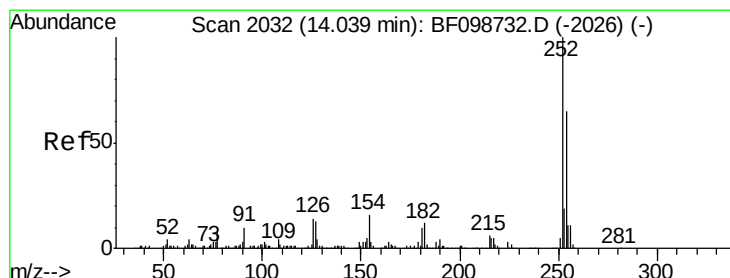
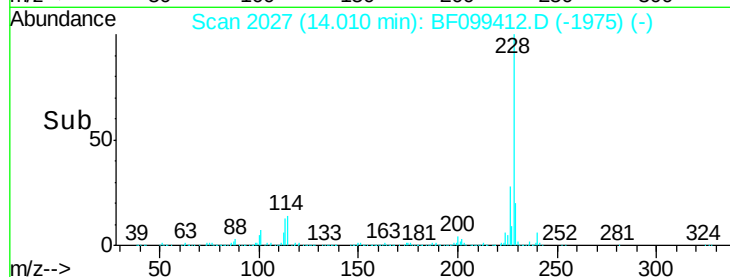
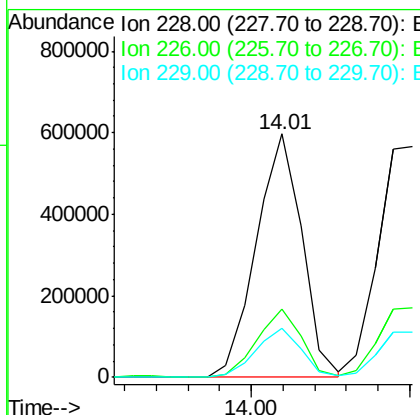
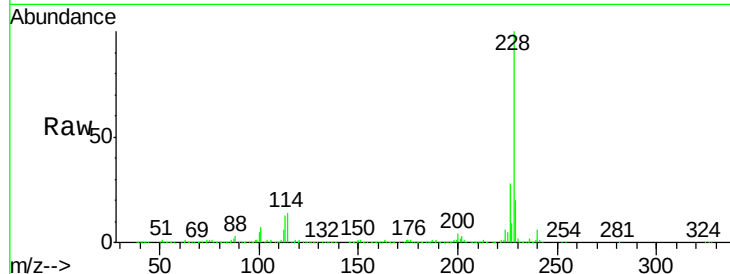




#80
Benzo(a)anthracene
Concen: 43.17 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

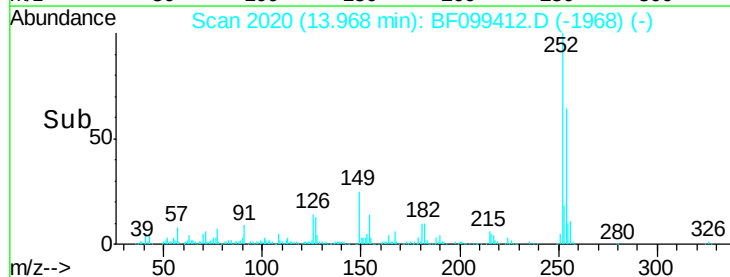
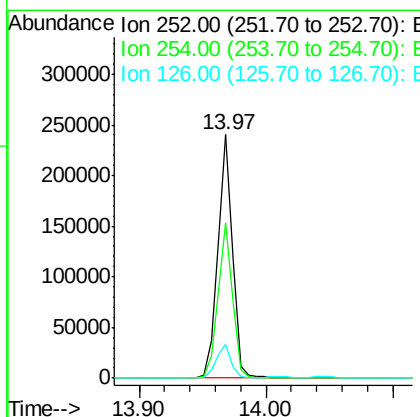
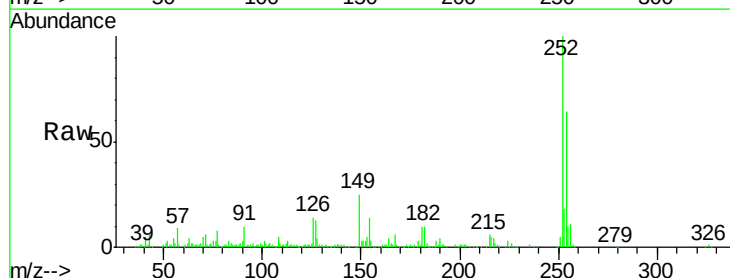
Instrument :
BNA_F
ClientSampleId :

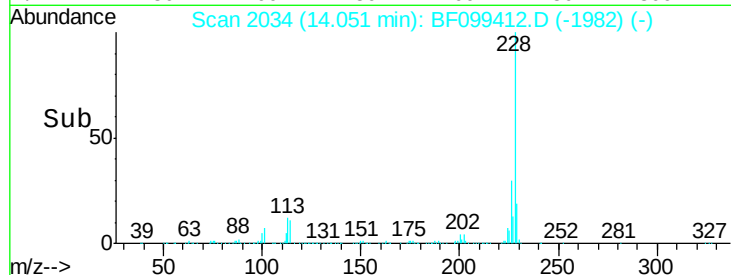
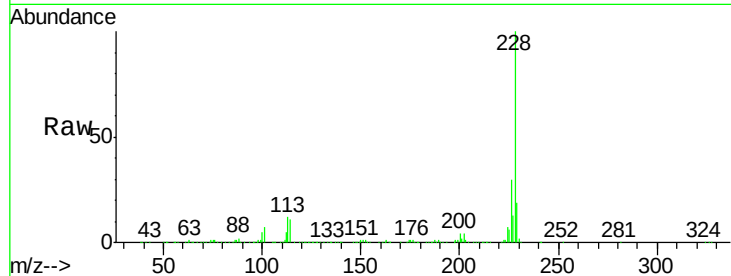
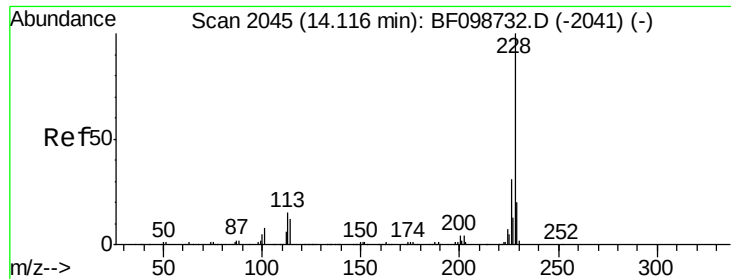
Tot Ion:228 Resp: 598009
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 39.18 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:252 Resp: 198948
Ion Ratio Lower Upper
252 100
254 64.0 50.4 75.6
126 13.8 11.3 16.9





#82

Chrysene

Concen: 42.50 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

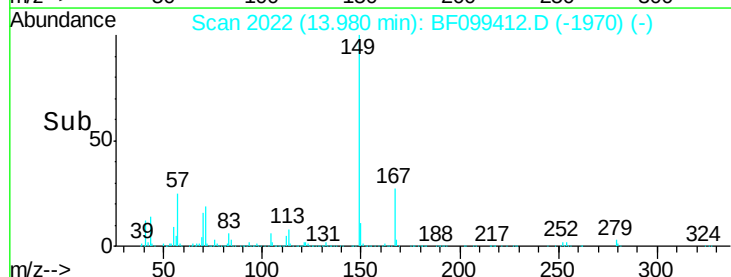
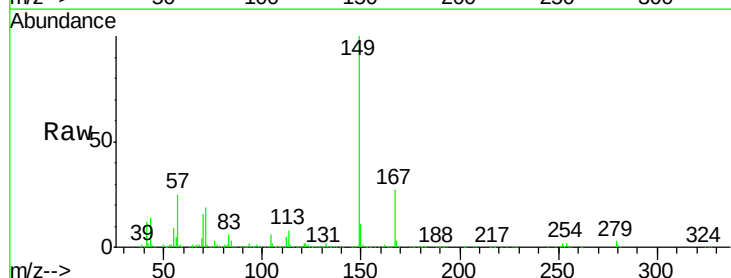
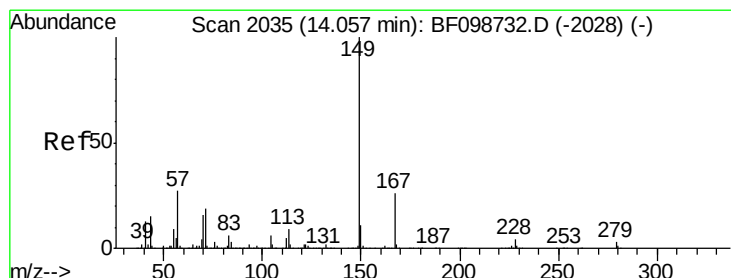
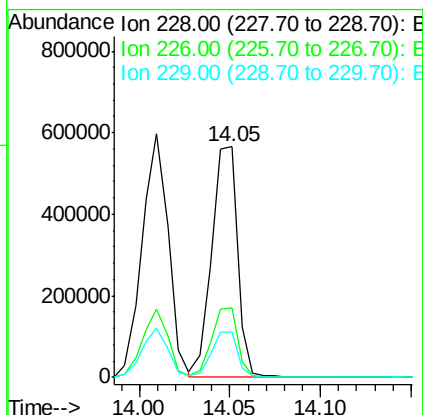
Tot Ion:228 Resp: 560441

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.5 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.54 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

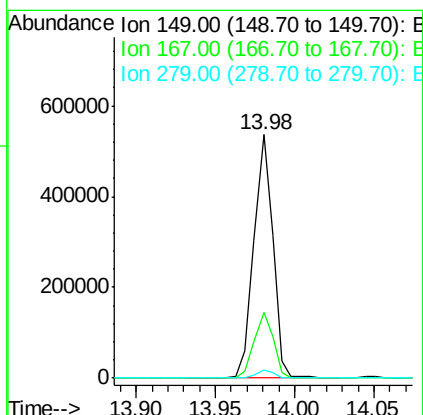
Tgt Ion:149 Resp: 446317

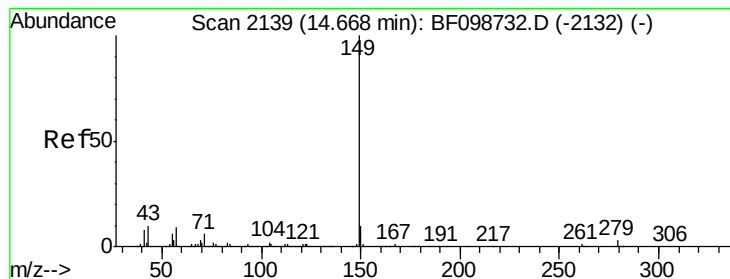
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.1 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 44.54 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Instrument :

BNA_F

ClientSampleId :

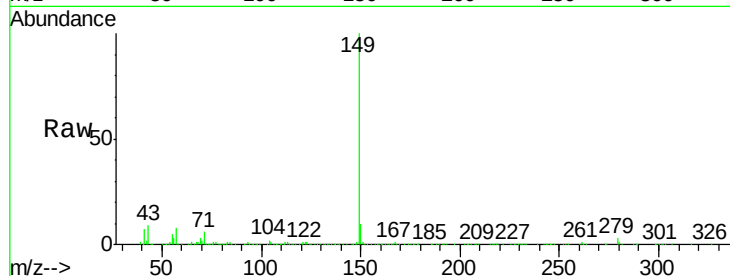
Tot Ion:149 Resp: 809536

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

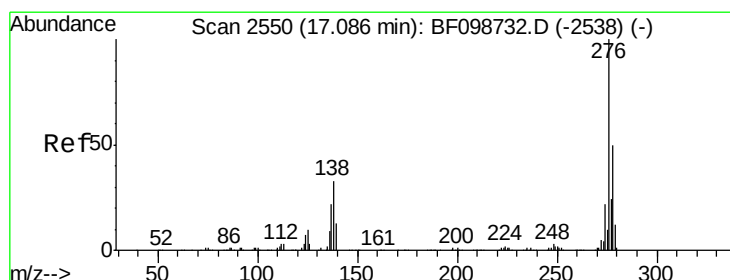
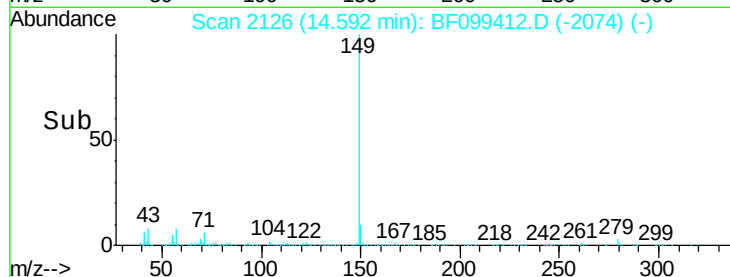
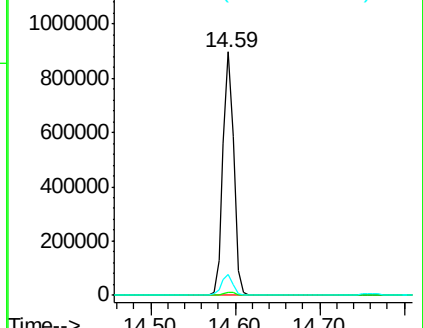
43 8.7 8.4 12.6



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: 37.96 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

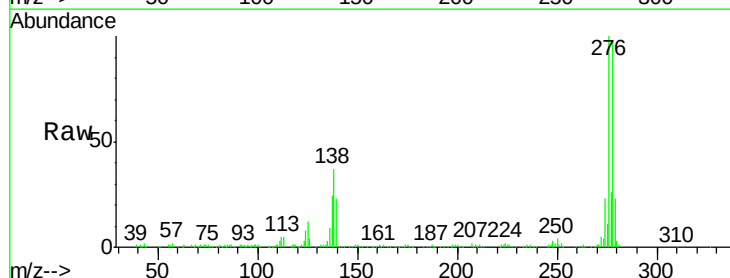
Tgt Ion:276 Resp: 400498

Ion Ratio Lower Upper

276 100

138 35.5 25.0 37.6

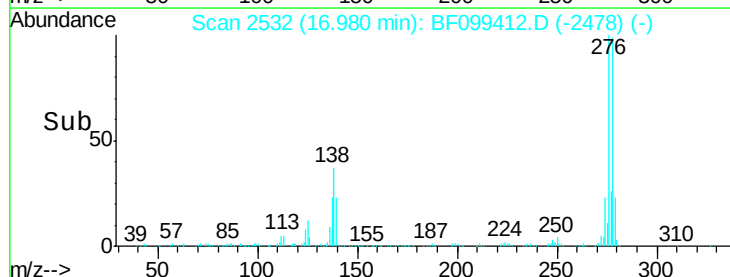
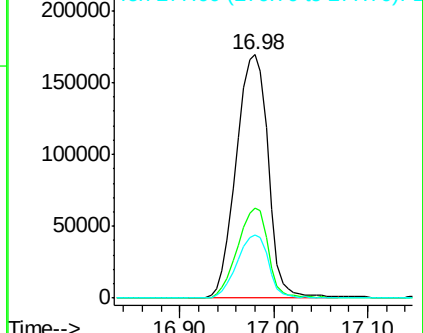
277 25.7 20.1 30.1

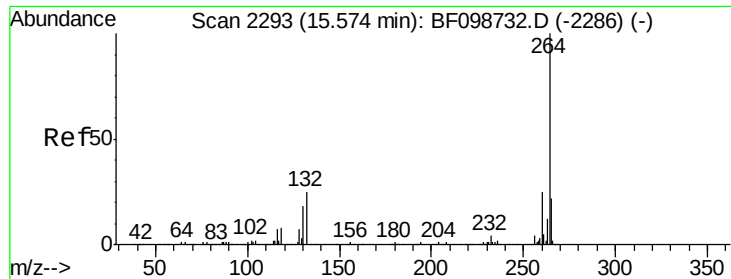


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

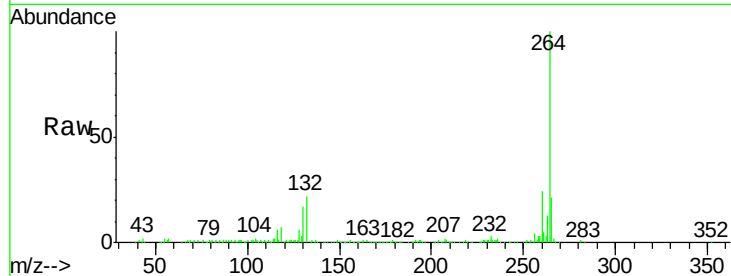




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

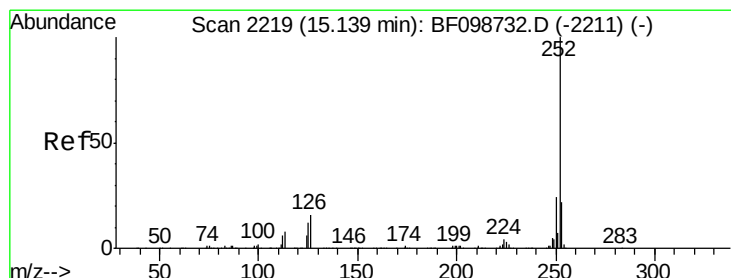
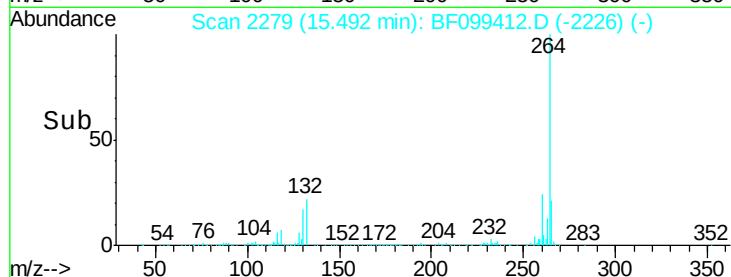
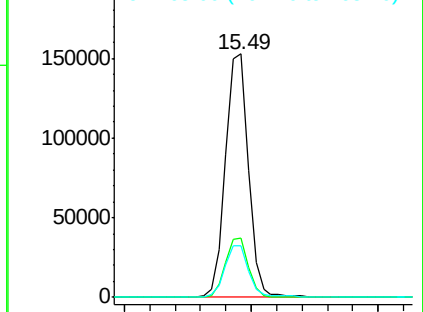


Abundance

Ion 264.00 (263.70 to 264.70): E

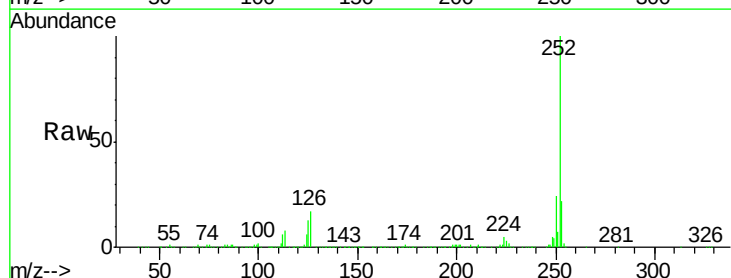
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 44.90 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.5	9.0	13.6

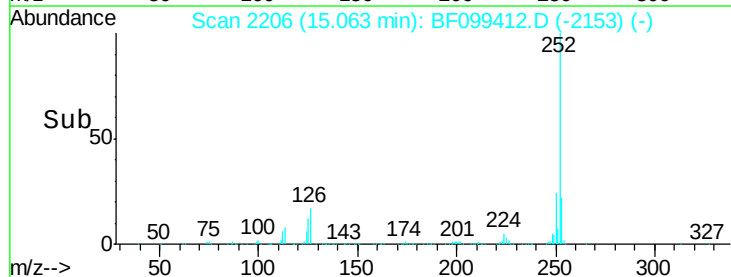
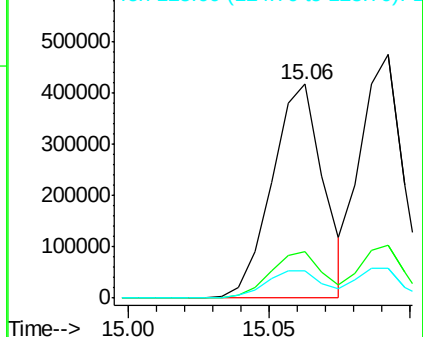


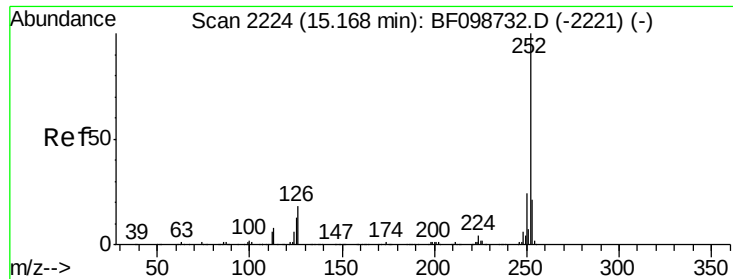
Abundance

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

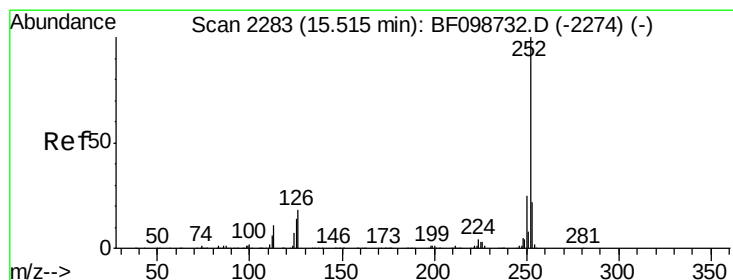
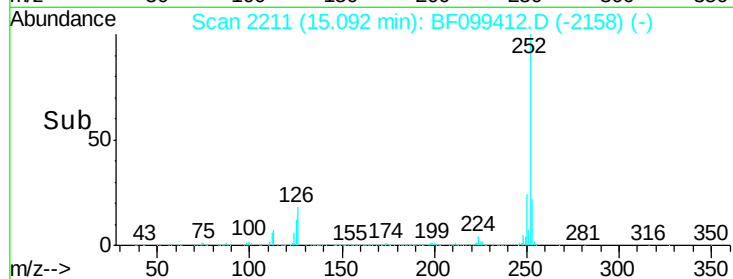
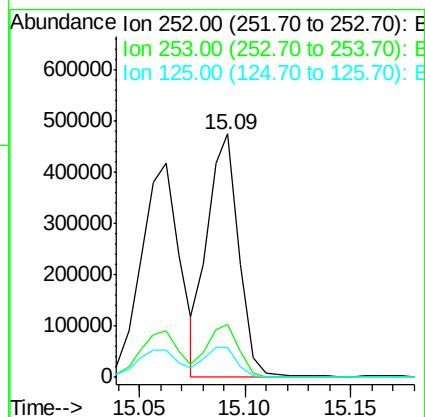
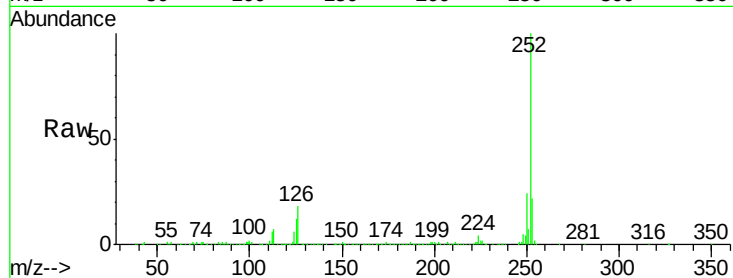




#88
Benzo(k)fluoranthene
Concen: 42.05 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

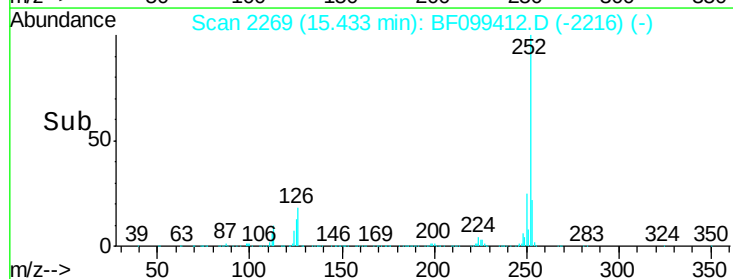
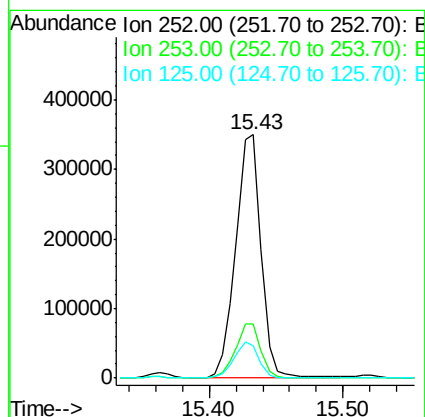
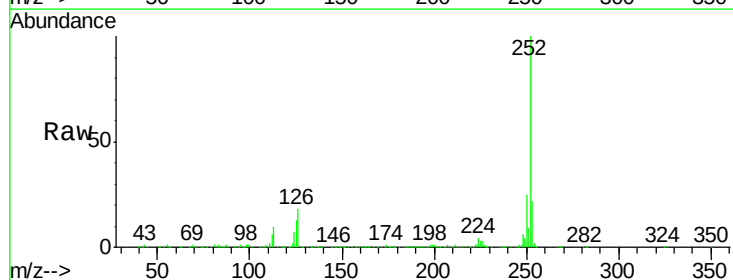
Instrument :
BNA_F
ClientSampleId :

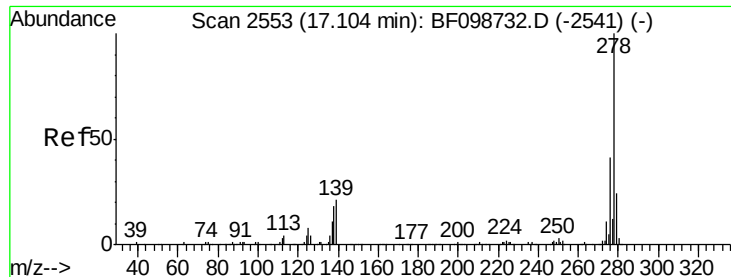
Tot Ion:252 Resp: 488425
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 42.99 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099412.D
Acq: 12 Oct 2017 23:20

Tgt Ion:252 Resp: 464051
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 40.00 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

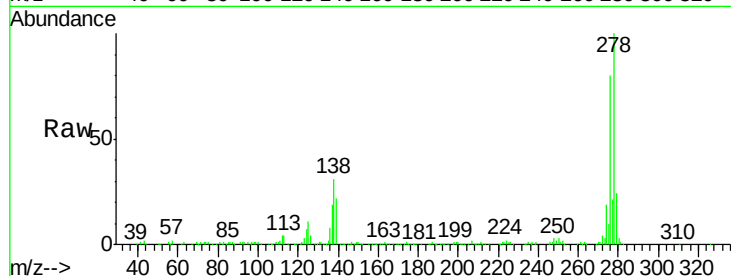
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 345583

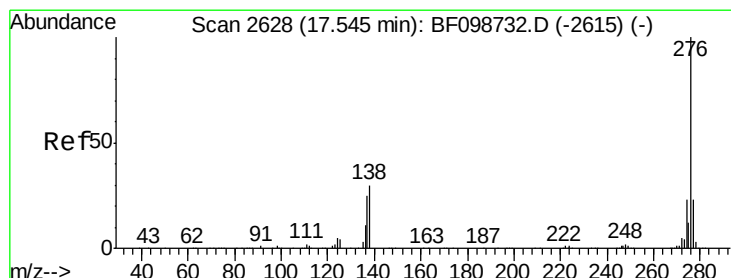
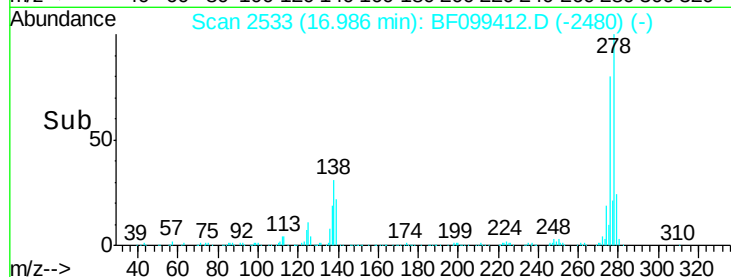
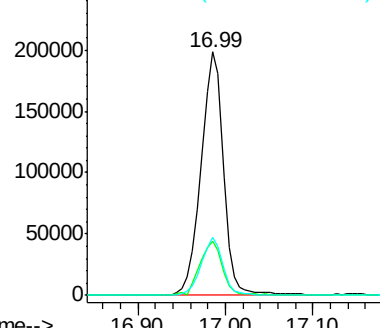
Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	23.8	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.75 ng

RT: 17.43 min Scan# 2608

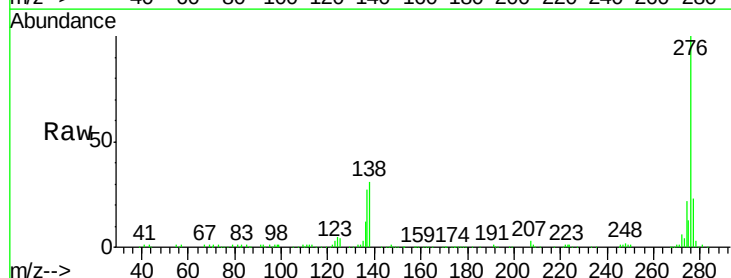
Delta R.T. 0.02 min

Lab File: BF099412.D

Acq: 12 Oct 2017 23:20

Tgt Ion:276 Resp: 322353

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	31.0	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

