

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109872.D
 Acq On : 13 Oct 2018 9:09
 Operator : JU/SJ
 Sample : PB113699BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 01:21:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100227	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	375030	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	162859	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	253231	20.00	ng	0.00
75) Chrysene-d12	13.83	240	180311	20.00	ng	0.00
86) Perylene-d12	15.23	264	147931	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	560422	99.25	ng	0.00
7) Phenol-d6	6.35	99	711682	94.35	ng	0.00
23) Nitrobenzene-d5	7.26	82	696372	102.36	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	150992	85.09	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1204357	101.85	ng	0.00
78) Terphenyl-d14	12.78	244	845082	90.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	95283	32.153	ng	98
3) Pyridine	3.19	79	223890	36.620	ng	99
4) n-Nitrosodimethylamine	3.14	42	104299	47.264	ng	94
6) Aniline	6.37	93	179526	20.431	ng	# 79
8) 2-Chlorophenol	6.49	128	310248	44.676	ng	100
9) Benzaldehyde	6.24	77	145930	30.064	ng	99
10) Phenol	6.36	94	353741	40.897	ng	# 77
11) bis(2-Chloroethyl)ether	6.43	93	265611	37.040	ng	98
12) 1,3-Dichlorobenzene	6.63	146	329073	41.431	ng	98
13) 1,4-Dichlorobenzene	6.71	146	360483	41.636	ng	99
14) 1,2-Dichlorobenzene	6.86	146	317112	41.705	ng	99
15) Benzyl Alcohol	6.85	79	246602	44.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	396654	41.716	ng	97
17) 2-Methylphenol	6.97	107	238019	43.342	ng	99
18) Hexachloroethane	7.20	117	121780	39.793	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	223579	42.266	ng	98
20) 3+4-Methylphenols	7.12	107	301221	44.514	ng	95
22) Acetophenone	7.11	105	448502	49.455	ng	# 99
24) Nitrobenzene	7.28	77	322981	45.623	ng	97
25) Isophorone	7.52	82	598865	53.008	ng	99
26) 2-Nitrophenol	7.60	139	153057	46.222	ng	97
27) 2,4-Dimethylphenol	7.65	122	257248	53.797	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	378654	49.551	ng	100
29) 2,4-Dichlorophenol	7.85	162	255167	47.574	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	271257	45.685	ng	99
31) Naphthalene	8.00	128	880967	50.793	ng	100
32) Benzoic acid	7.80	122	146106	42.736	ng	95
33) 4-Chloroaniline	8.06	127	66588	8.718	ng	96
34) Hexachlorobutadiene	8.12	225	167706	45.427	ng	99
35) Caprolactam	8.44	113	68914	43.023	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	252799	44.651	ng	99
37) 2-Methylnaphthalene	8.69	142	557051	49.032	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	262052	47.270	ng	99
40) Hexachlorocyclopentadiene	8.84	237	75987	35.688	ng	99

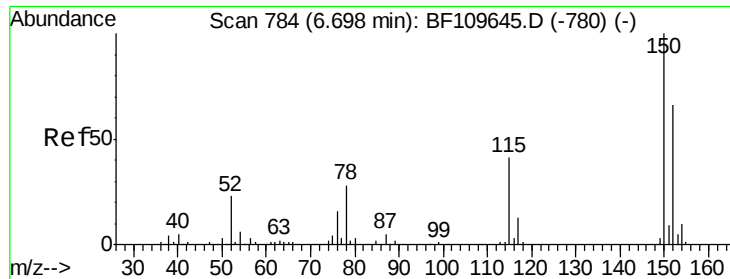
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	156450	47.208	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	179453	47.095	nq	98
45) 1,1'-Biphenyl	9.15	154	675195	46.408	nq	99
46) 2-Chloronaphthalene	9.17	162	504796	46.312	nq	97
47) 2-Nitroaniline	9.28	65	159095	48.204	nq	92
48) Acenaphthylene	9.59	152	775404	48.796	nq	99
49) Dimethylphthalate	9.46	163	610756	51.134	nq	99
50) 2,6-Dinitrotoluene	9.52	165	124453	48.068	nq	90
51) Acenaphthene	9.76	154	433713	46.041	nq	99
52) 3-Nitroaniline	9.69	138	61211	21.091	nq	99
53) 2,4-Dinitrophenol	9.80	184	42526	50.909	nq	91
54) Dibenzofuran	9.93	168	640481	45.359	nq	99
55) 4-Nitrophenol	9.87	139	114622	72.152	nq	89
56) 2,4-Dinitrotoluene	9.93	165	147071	45.518	nq	# 89
57) Fluorene	10.27	166	498597	47.283	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130760	42.215	nq	98
59) Diethylphthalate	10.15	149	582176	49.193	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	249453	44.841	nq	99
61) 4-Nitroaniline	10.30	138	95396	35.492	nq	98
62) Azobenzene	10.42	77	551198	45.866	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	29606	24.020	nq	82
65) n-Nitrosodiphenylamine	10.39	169	465594	54.236	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	150849	51.844	nq	96
67) Hexachlorobenzene	10.82	284	148349	47.084	nq	97
68) Atrazine	10.91	200	146913	54.837	nq	99
69) Pentachlorophenol	11.02	266	129318	72.940	nq	98
70) Phenanthrene	11.23	178	625002	49.319	nq	100
71) Anthracene	11.28	178	686036	52.369	nq	99
72) Carbazole	11.44	167	585460	46.079	nq	100
73) Di-n-butylphthalate	11.76	149	768658	52.161	nq	100
74) Fluoranthene	12.41	202	608146	45.936	nq	98
76) Benzidine	12.54	184	302354	45.140	nq	97
77) Pyrene	12.63	202	595751	45.096	nq	99
79) Butylbenzylphthalate	13.25	149	272141	47.514	nq	97
80) Benzo(a)anthracene	13.82	228	493372	49.584	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	177499	44.302	nq	99
82) Chrysene	13.86	228	525740	50.302	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	362356	51.855	nq	98
84) Di-n-octyl phthalate	14.42	149	634837	57.476	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	355120	47.470	nq	100
87) Benzo(b)fluoranthene	14.83	252	437793	53.553	nq	98
88) Benzo(k)fluoranthene	14.86	252	419859	51.116	nq	98
89) Benzo(a)pyrene	15.17	252	387592	52.246	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	299468	49.152	nq	98
91) Benzo(g,h,i)perylene	16.98	276	290210	47.700	nq	99

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

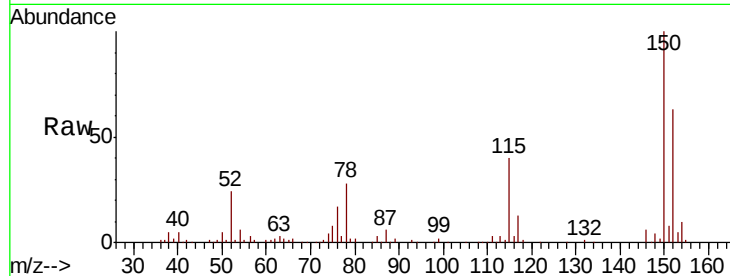


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	64.0	49.1	73.7

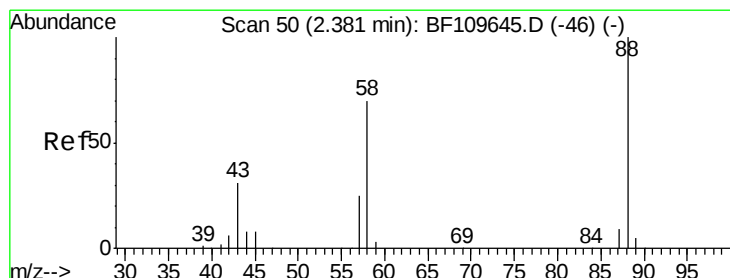
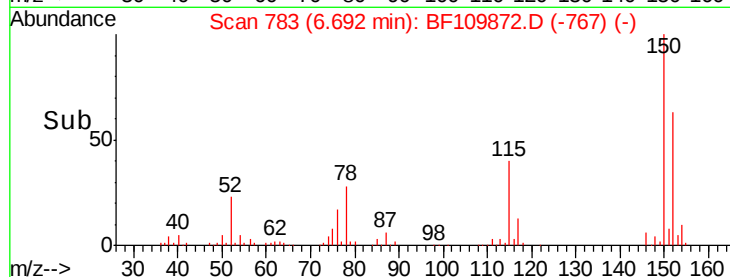
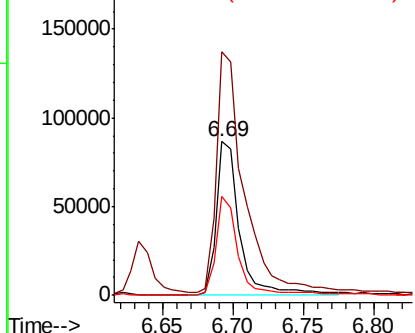


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

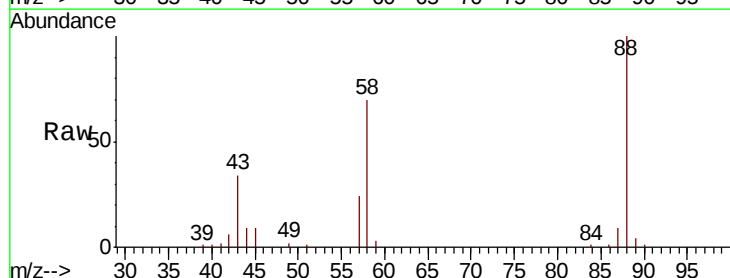
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.153 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.11 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	57.1	85.7
43	29.8	24.1	36.1

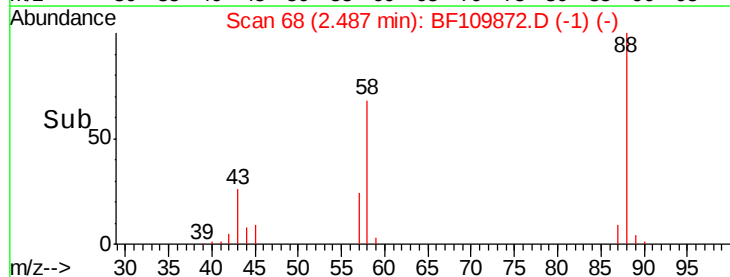
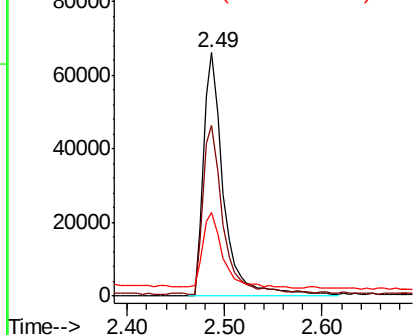


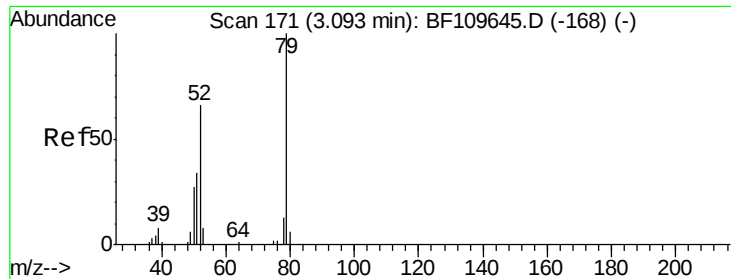
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.620 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.09 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

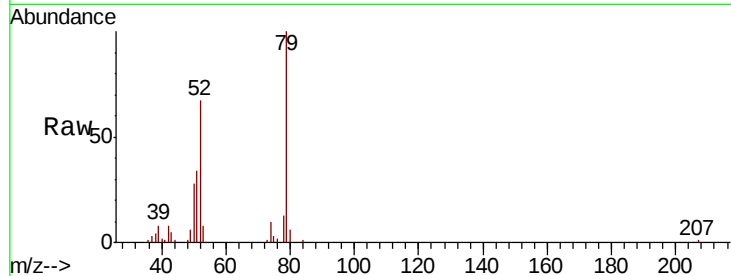
Tot Ion: 79 Resp: 223890

Ion Ratio Lower Upper

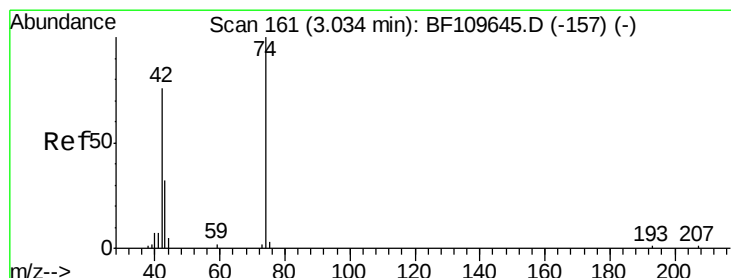
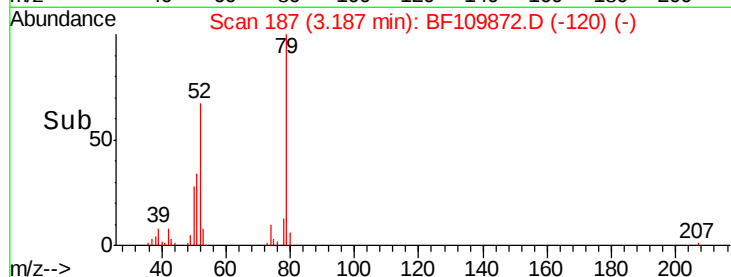
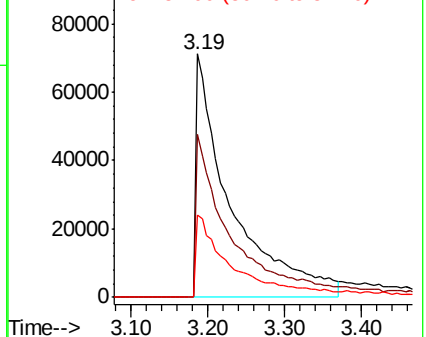
79 100

52 67.1 53.1 79.7

51 33.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.264 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.11 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

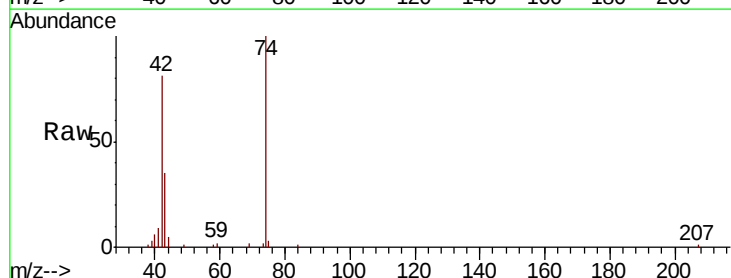
Tgt Ion: 42 Resp: 104299

Ion Ratio Lower Upper

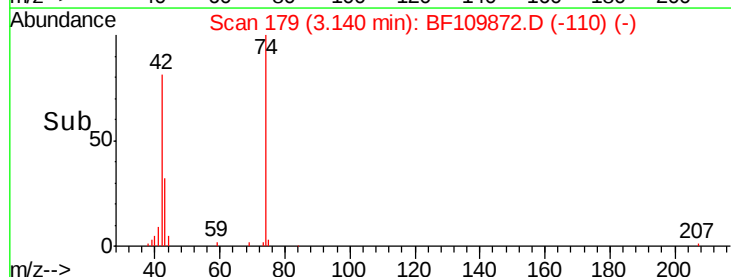
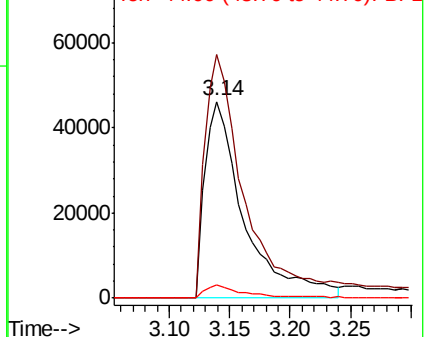
42 100

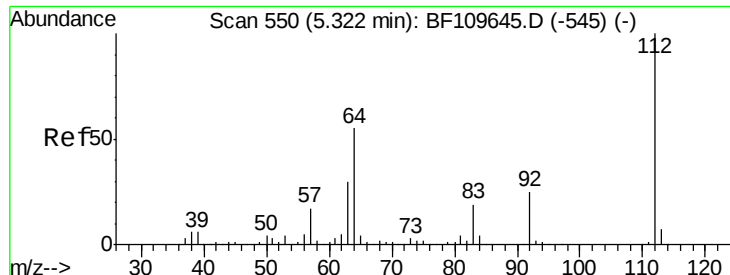
74 124.0 105.5 158.3

44 6.4 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 99.251 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampled :

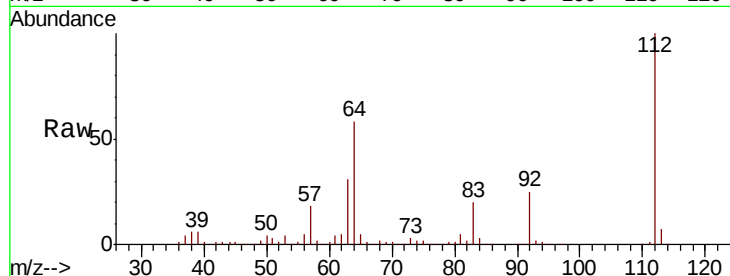
Tot Ion:112 Resp: 560422

Ion Ratio Lower Upper

112 100

64 57.6 44.1 66.1

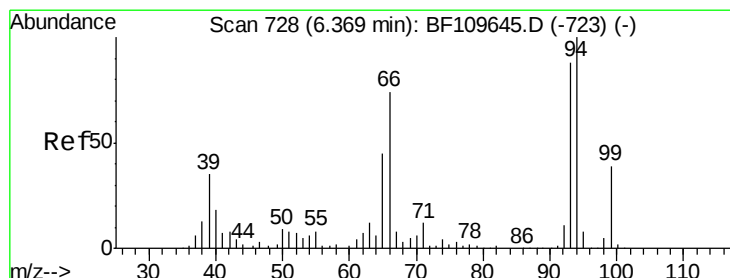
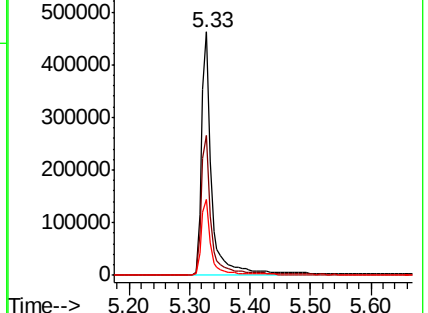
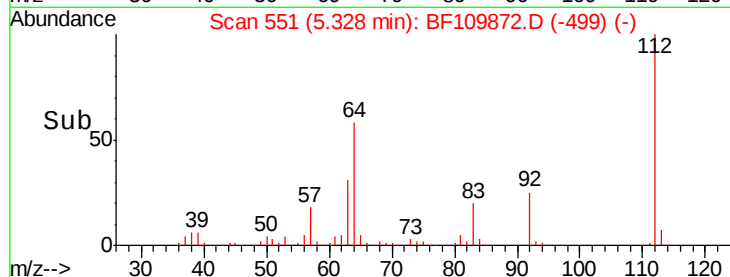
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.431 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

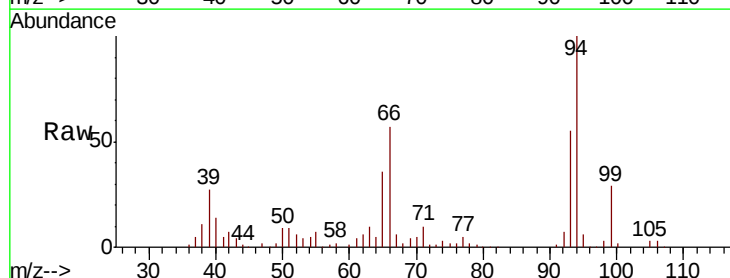
Tgt Ion: 93 Resp: 179526

Ion Ratio Lower Upper

93 100

66 103.5 67.4 101.0#

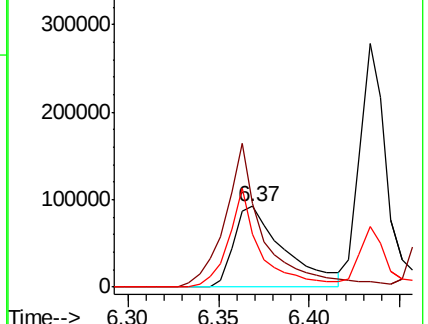
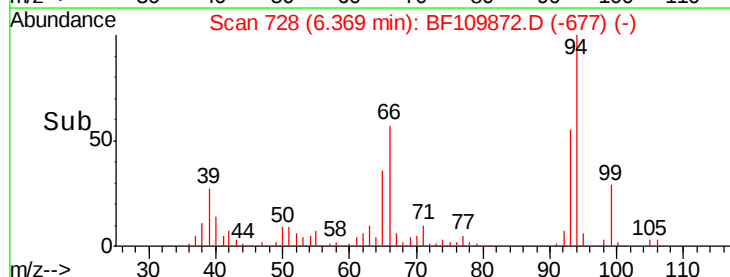
65 66.1 41.0 61.4#

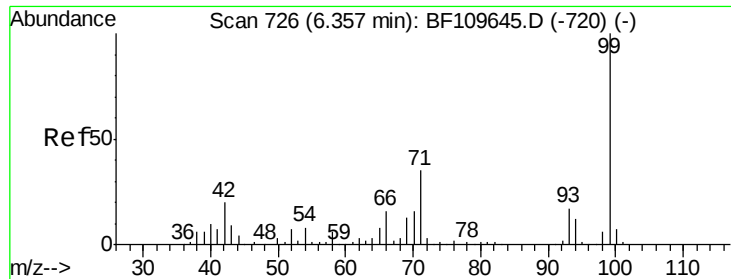


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.349 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

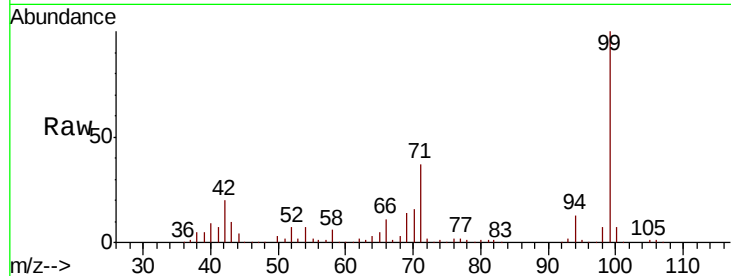
Tot Ion: 99 Resp: 711682

Ion Ratio Lower Upper

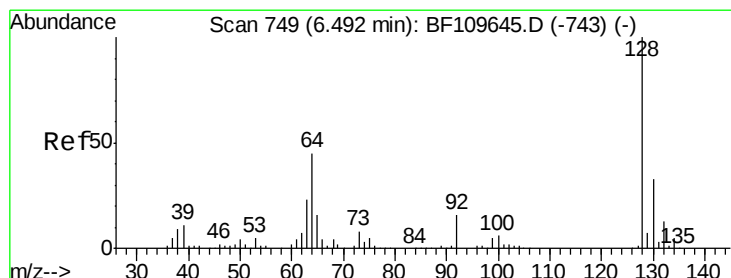
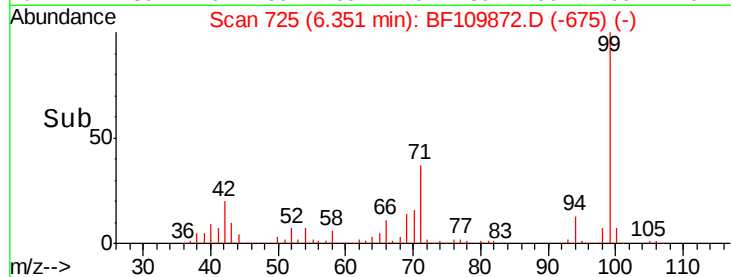
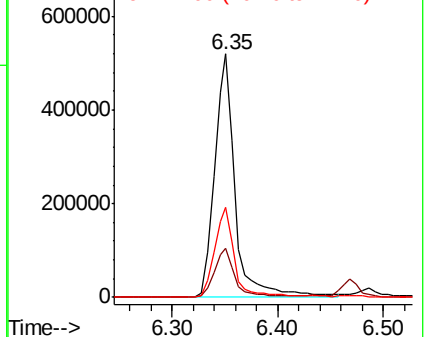
99 100

42 20.1 15.8 23.6

71 37.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.676 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

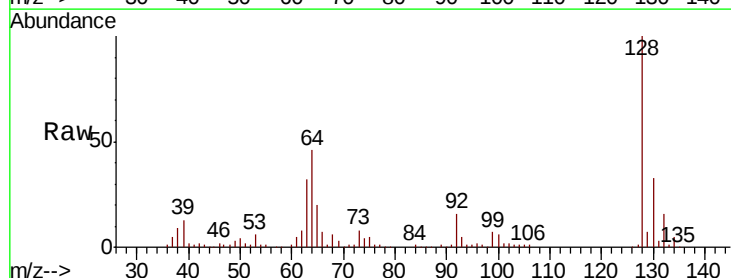
Tgt Ion: 128 Resp: 310248

Ion Ratio Lower Upper

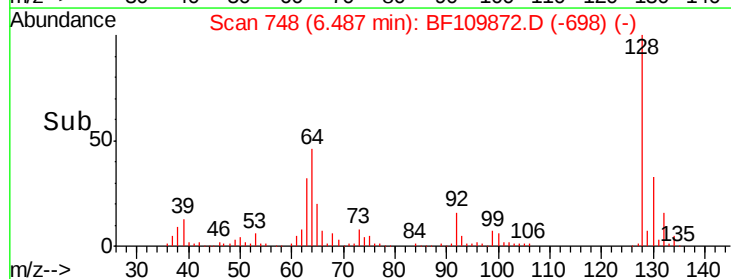
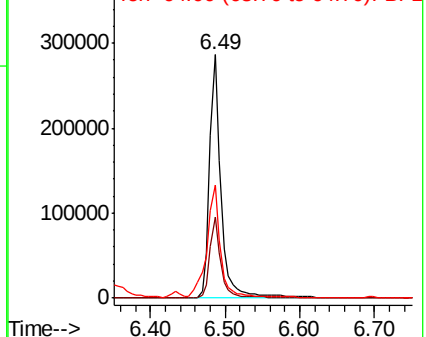
128 100

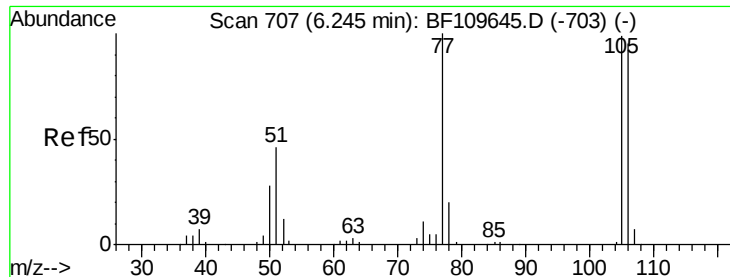
130 33.1 13.1 53.1

64 46.5 26.0 66.0



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): BF1





#9

Benzaldehyde

Concen: 30.064 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampled :

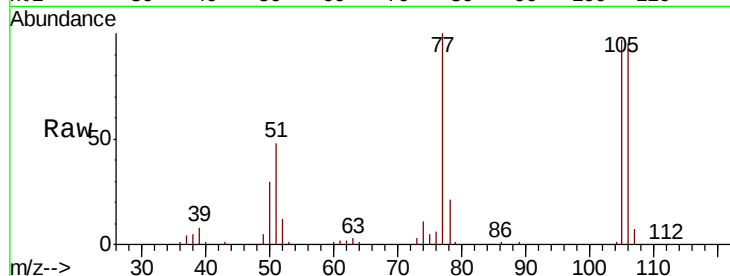
Tot Ion: 77 Resp: 145930

Ion Ratio Lower Upper

77 100

105 97.0 78.6 118.6

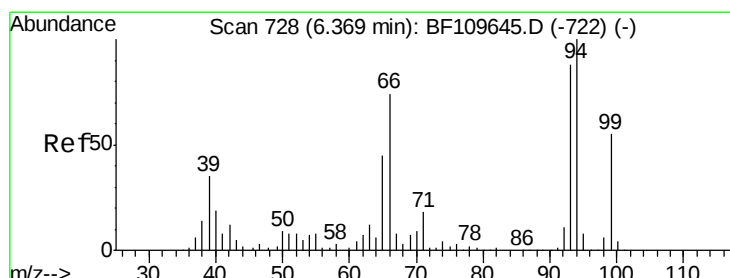
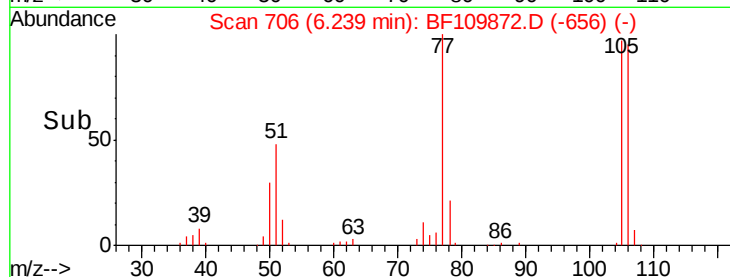
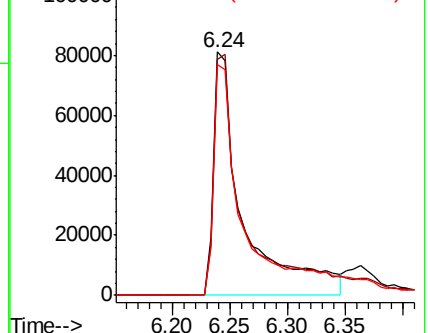
106 95.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.897 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

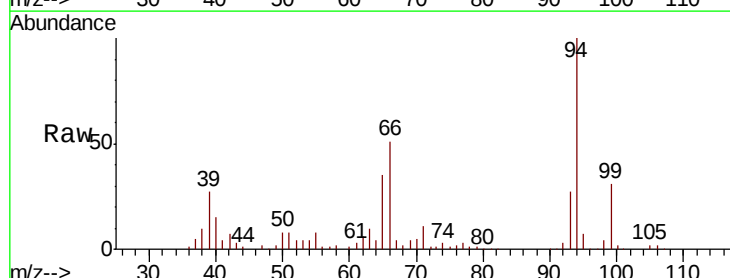
Tgt Ion: 94 Resp: 353741

Ion Ratio Lower Upper

94 100

65 34.9 25.3 65.3

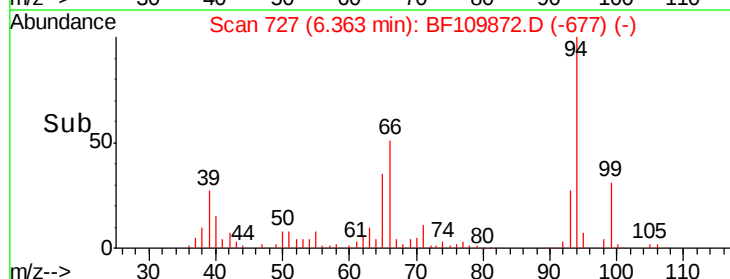
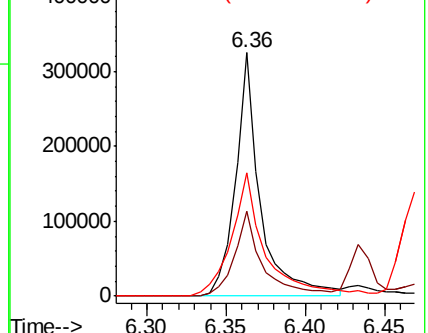
66 50.7 54.5 94.5#

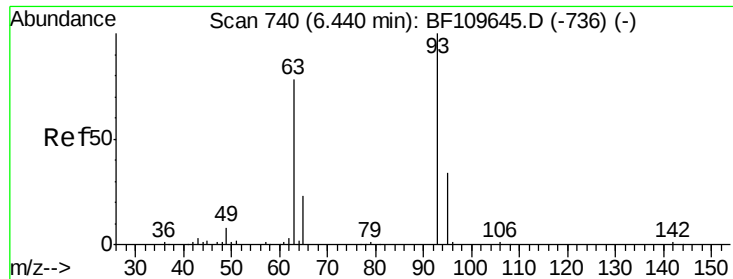


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

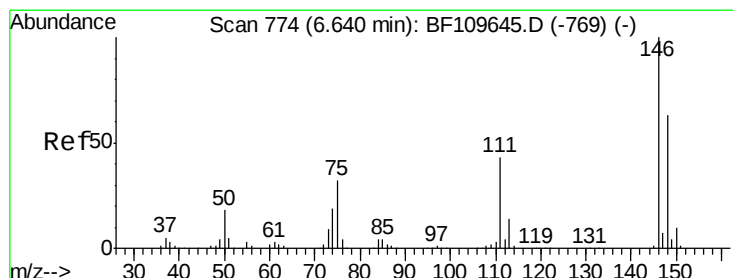
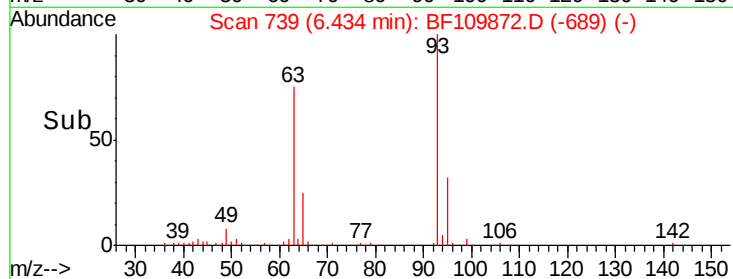
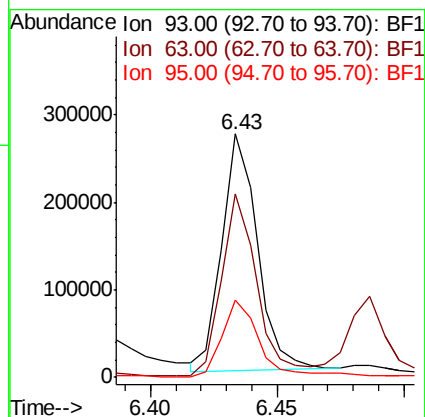
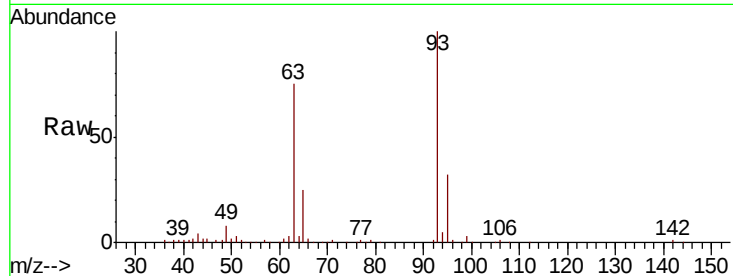




#11
bis(2-Chloroethyl)ether
Concen: 37.040 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

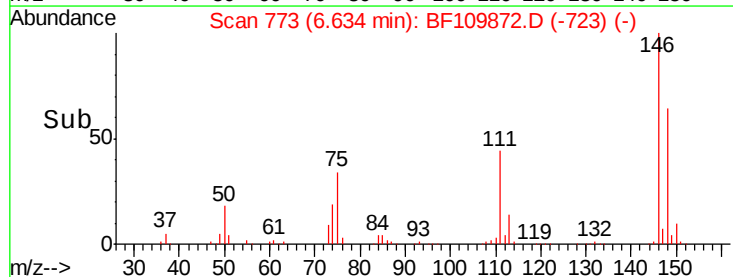
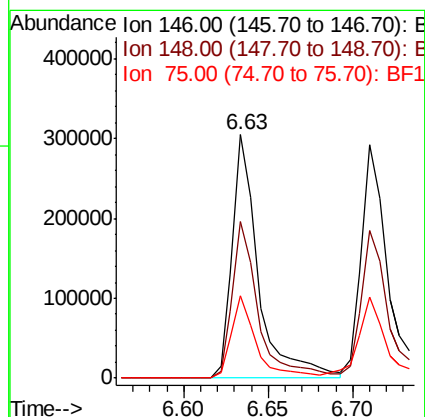
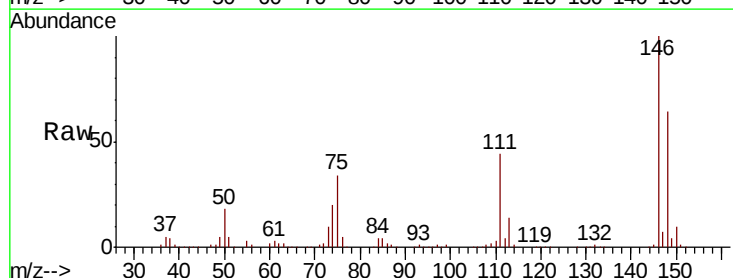
Instrument :
BNA_F
ClientSampleId :

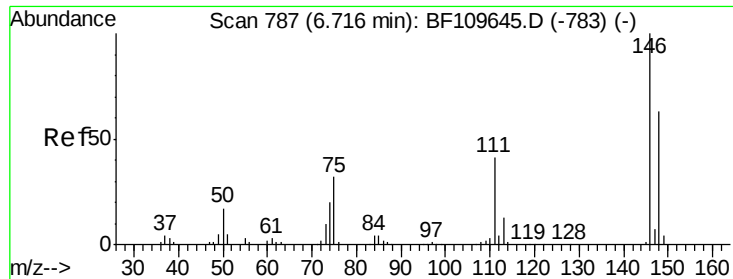
Tot Ion	93	Resp	265611
Ion Ratio	Lower	Upper	
93	100		
63	75.2	53.4	93.4
95	31.9	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 41.431 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	146	Resp	329073
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
75	33.8	25.8	38.6

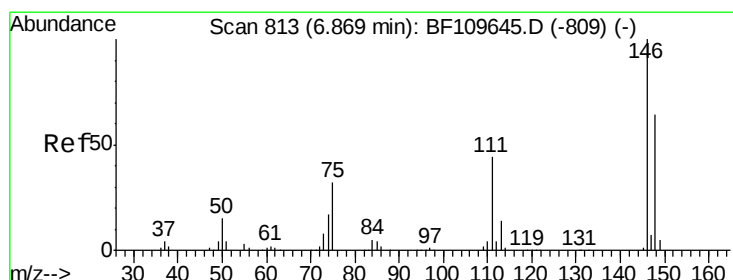
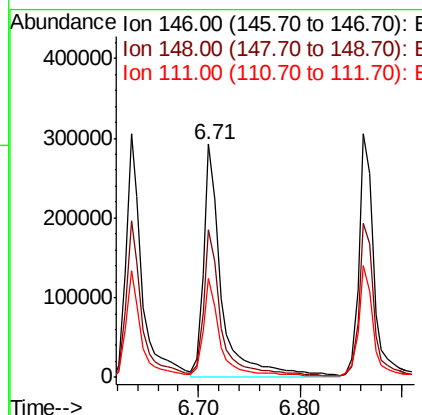
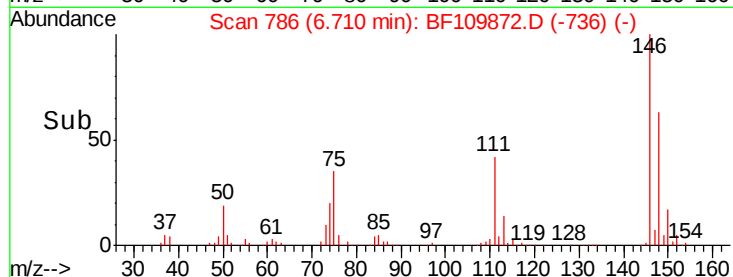
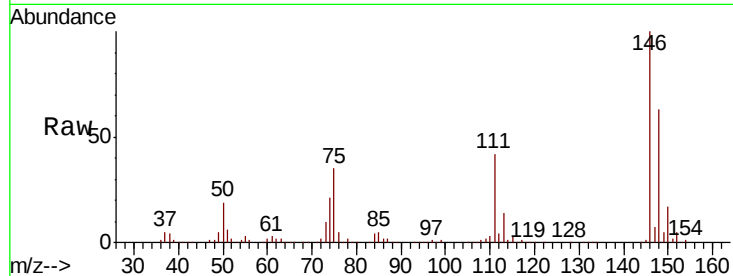




#13
 1,4-Dichlorobenzene
 Concen: 41.636 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

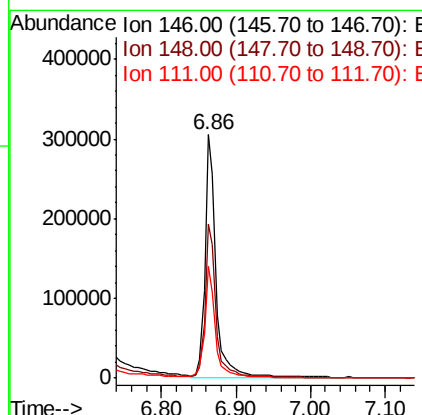
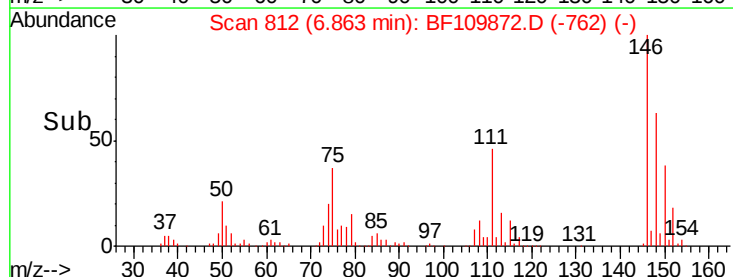
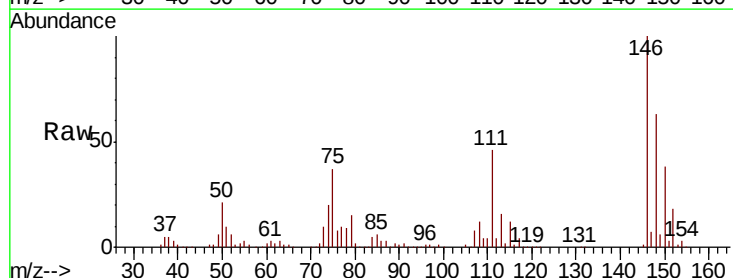
Instrument :
 BNA_F
 ClientSampleId :

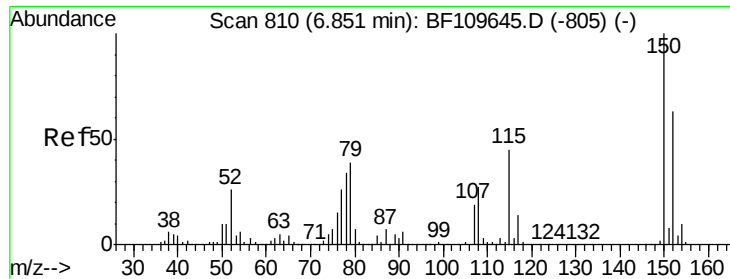
Tot Ion:146 Resp: 360483
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.3 75.5
 111 42.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.705 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:146 Resp: 317112
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 46.1 35.8 53.6

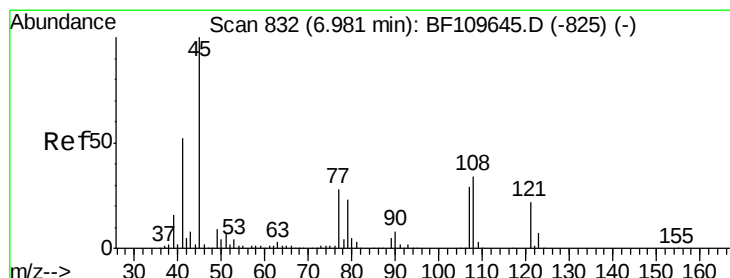
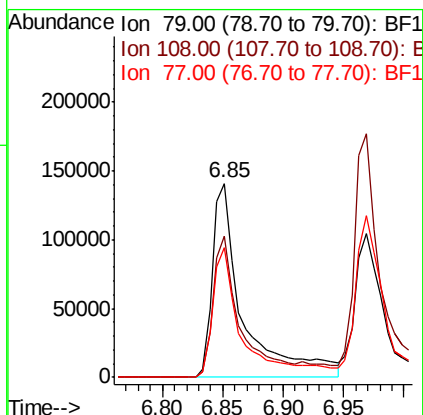
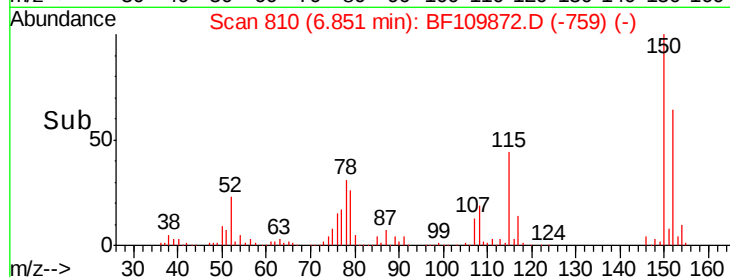
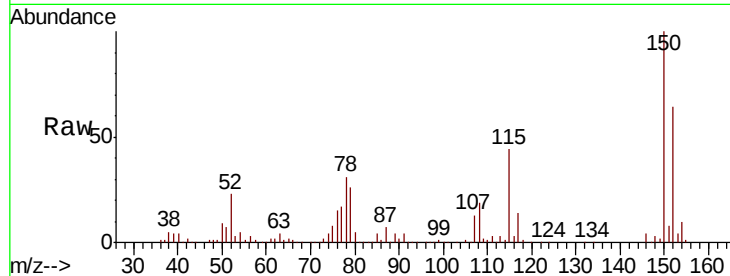




#15
Benzyl Alcohol
Concen: 44.099 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

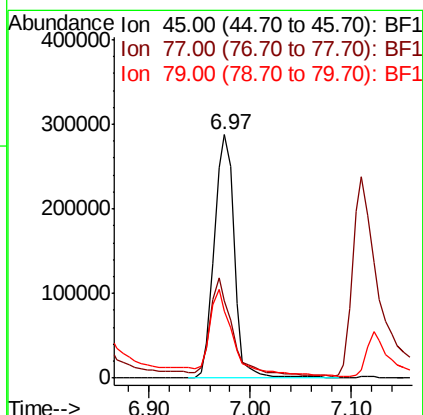
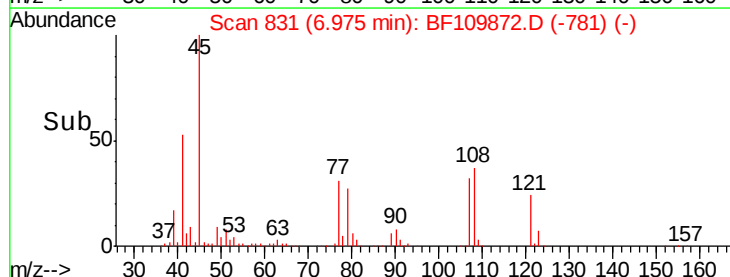
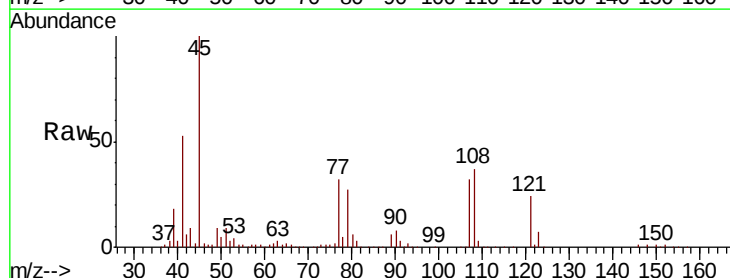
Instrument :
BNA_F
ClientSampled :

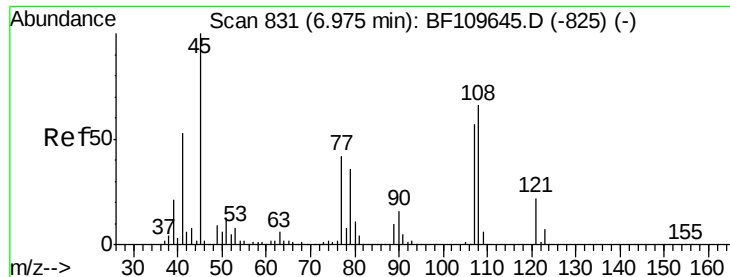
Tot Ion: 79 Resp: 246602
Ion Ratio Lower Upper
79 100
108 72.7 56.3 84.5
77 66.8 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.716 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion: 45 Resp: 396654
Ion Ratio Lower Upper
45 100
77 31.6 10.0 50.0
79 27.4 6.1 46.1

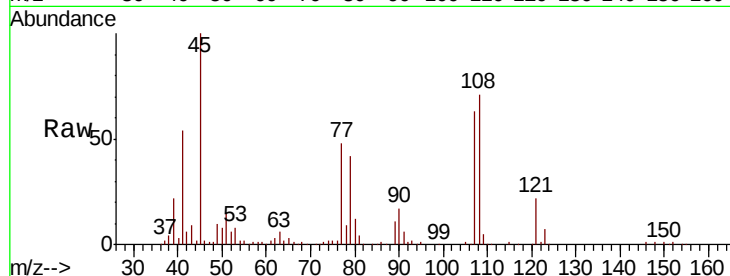




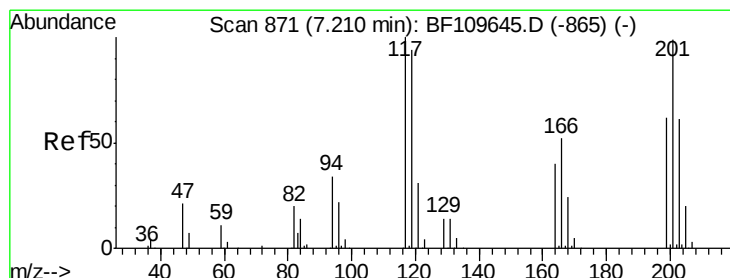
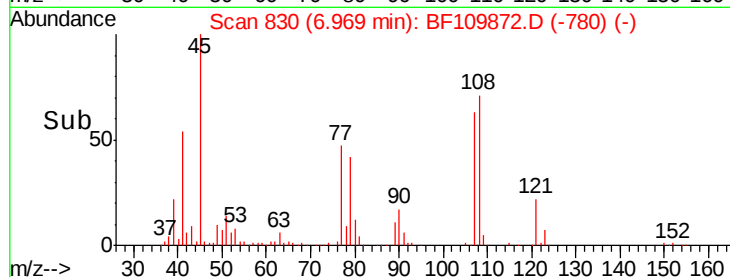
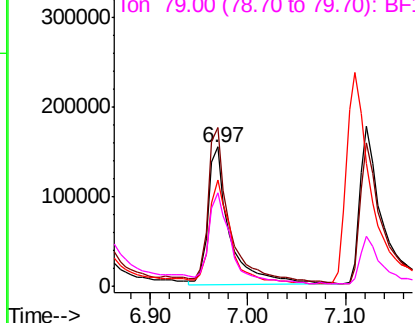
#17
2-Methylphenol
Concen: 43.342 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	238019
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.6	138.8
77	76.0	59.4	89.2
79	67.4	54.0	81.0

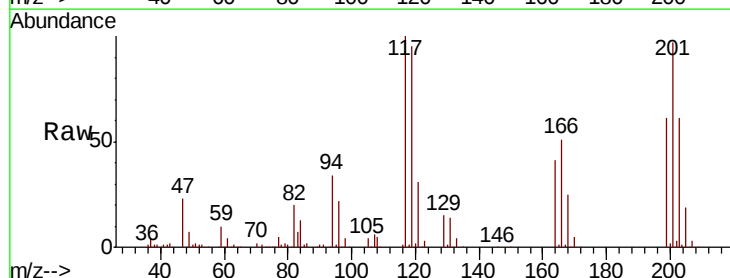


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

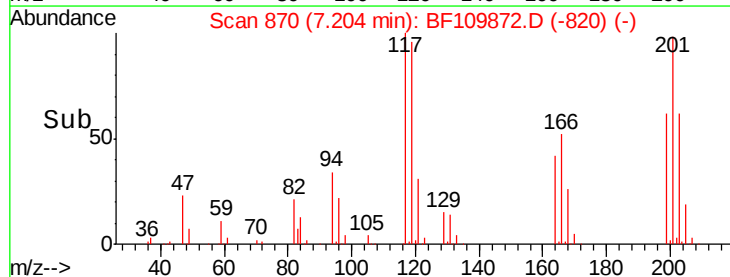
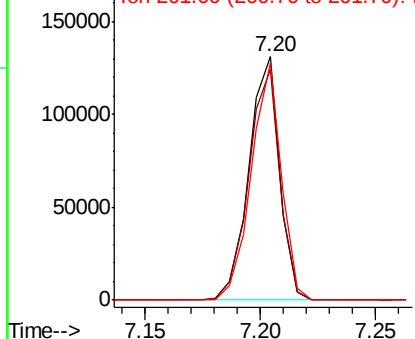


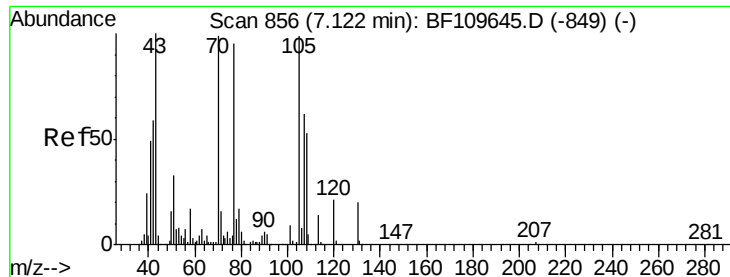
#18
Hexachloroethane
Concen: 39.793 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	117	Resp:	121780
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	97.4	79.2	118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

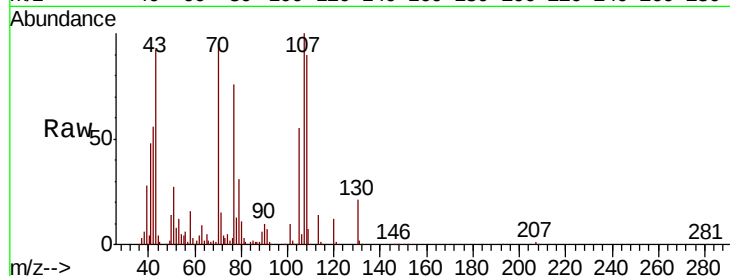




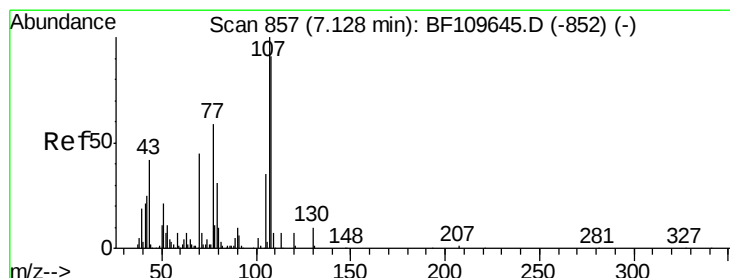
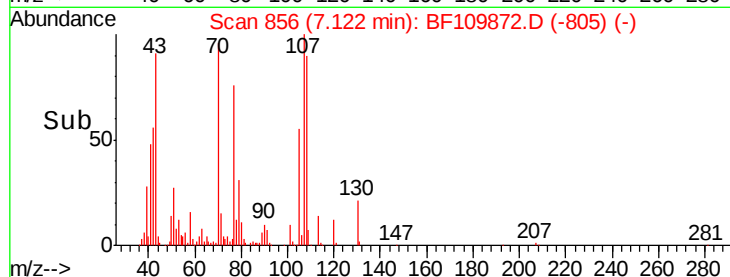
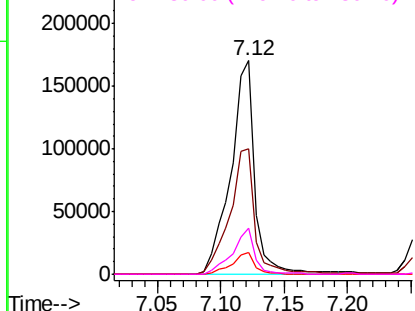
#19
n-Nitroso-di-n-propylamine
Concen: 42.266 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	223579
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.4	71.2
101	10.0	7.3	10.9
130	21.6	16.2	24.2

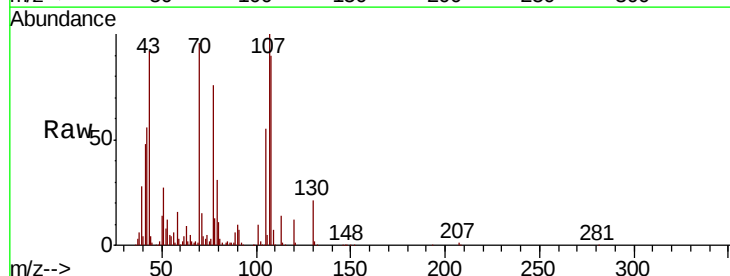


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

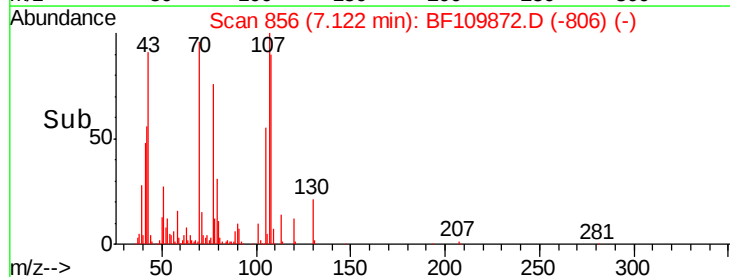
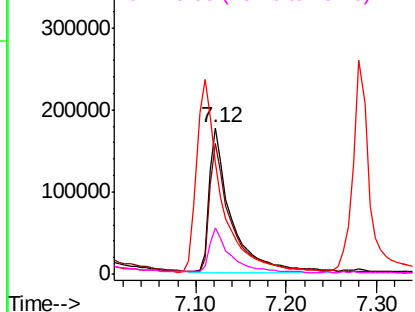


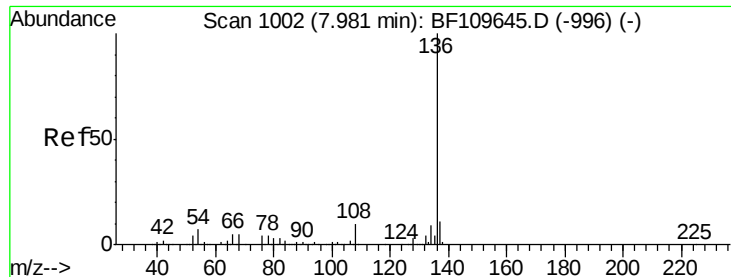
#20
3+4-Methylphenols
Concen: 44.514 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	107	Resp:	301221
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	76.4	47.3	87.3
79	31.2	10.9	50.9



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): BF1
Ion 79.00 (78.70 to 79.70): BF1

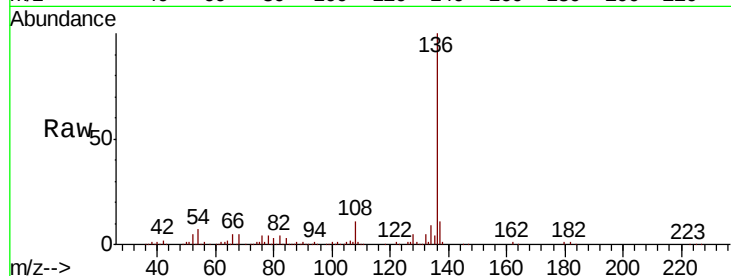




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	375030	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 7.0	5.4	8.2	
68 5.2	4.2	6.2	



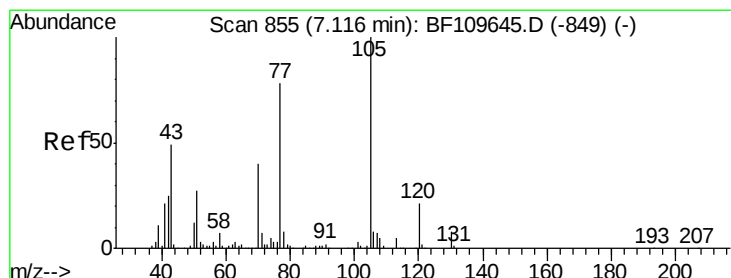
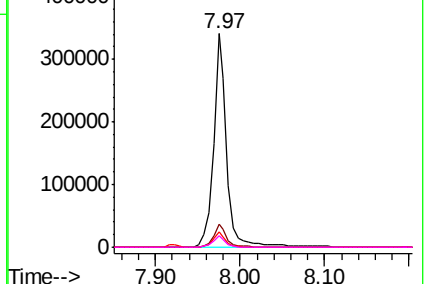
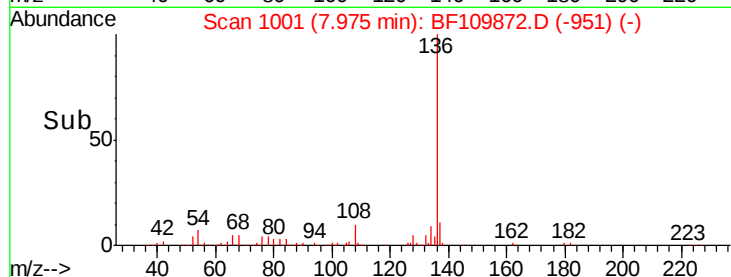
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

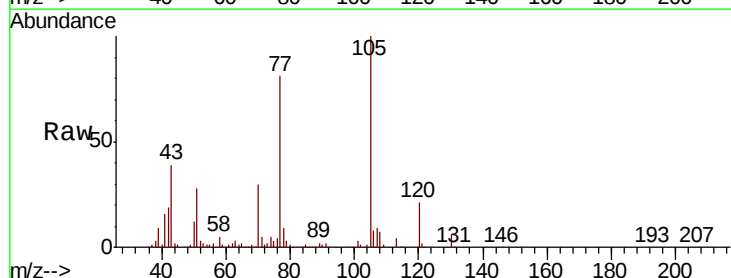
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 49.455 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt	Ion:105	Resp:	448502
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.2	7.8#
51	27.9	21.8	32.8
120	21.2	17.0	25.4



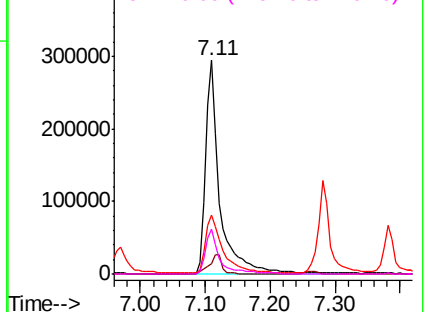
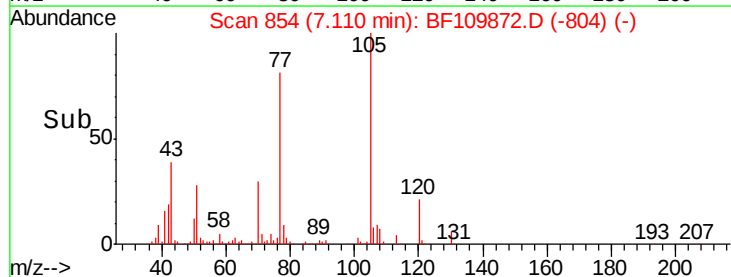
Abundance

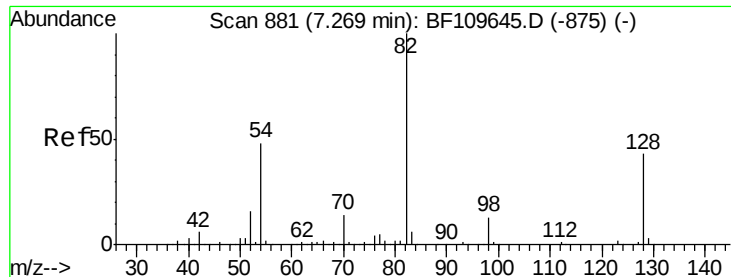
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

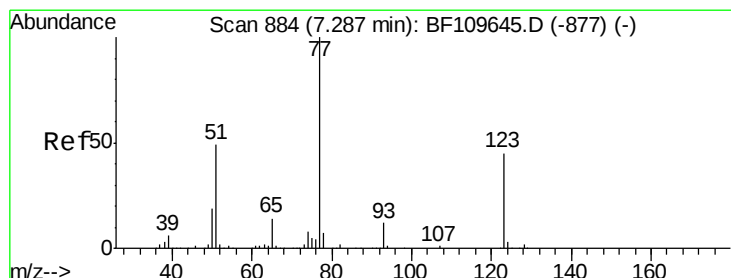
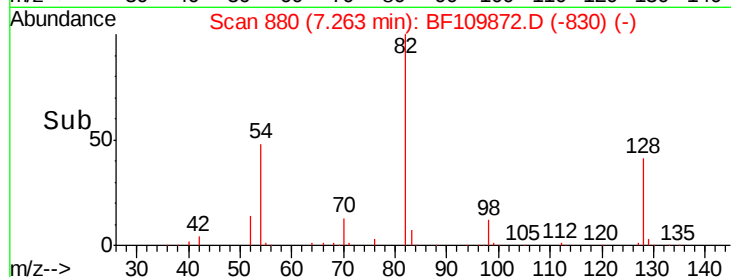
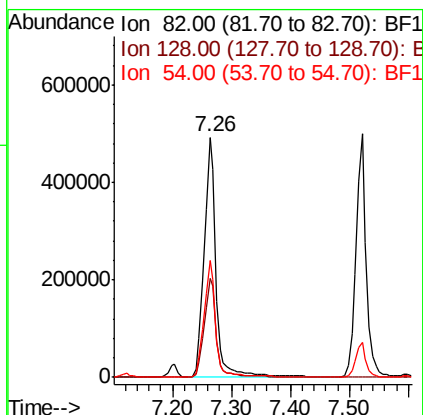
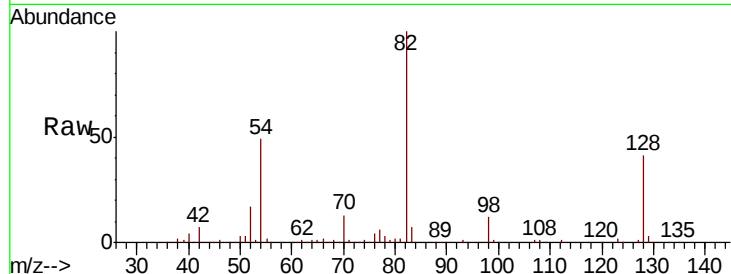




#23
Nitrobenzene-d5
Concen: 102.356 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

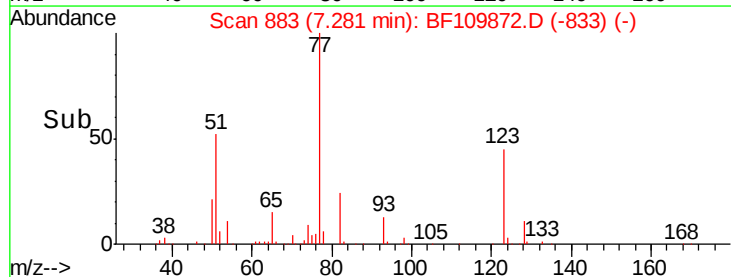
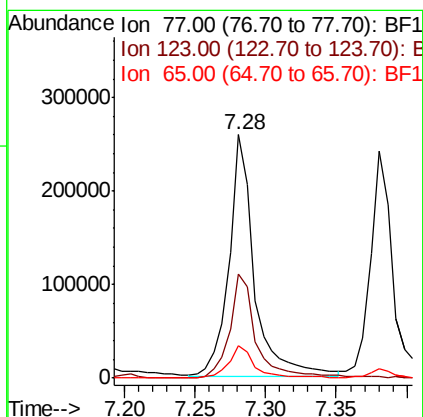
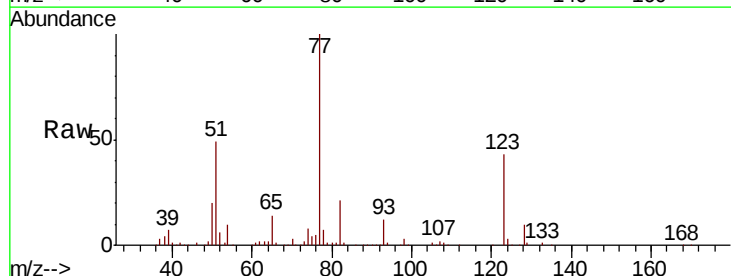
Instrument :
BNA_F
ClientSampleId :

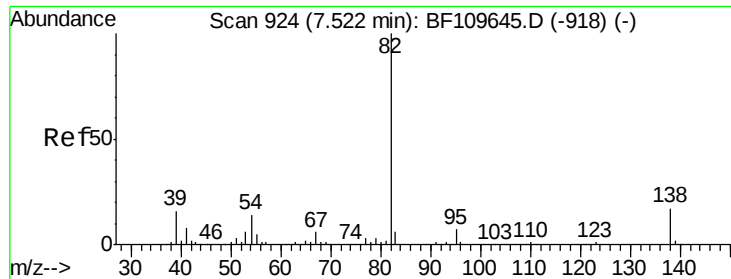
Tot Ion	82	Resp	696372
Ion Ratio	Lower	Upper	
82	100		
128	40.9	34.2	51.2
54	48.6	38.6	58.0



#24
Nitrobenzene
Concen: 45.623 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	77	Resp	322981
Ion Ratio	Lower	Upper	
77	100		
123	42.5	35.7	53.5
65	13.5	10.7	16.1

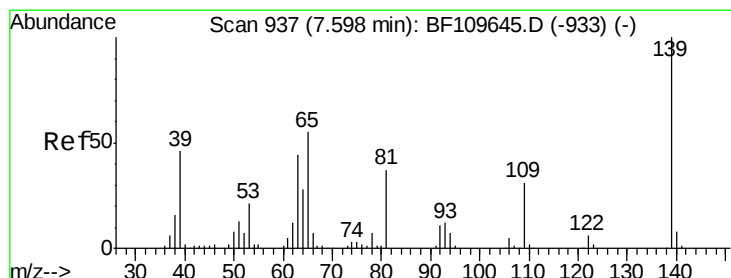
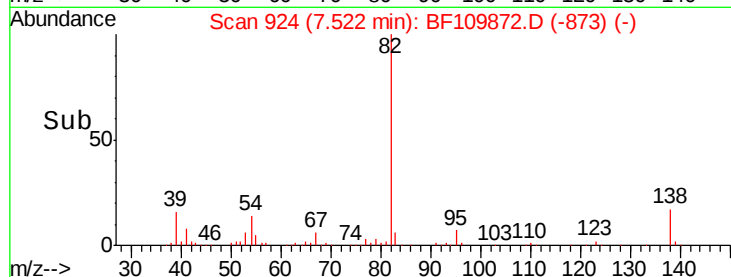
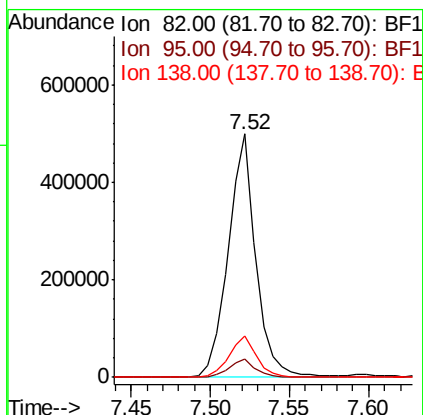
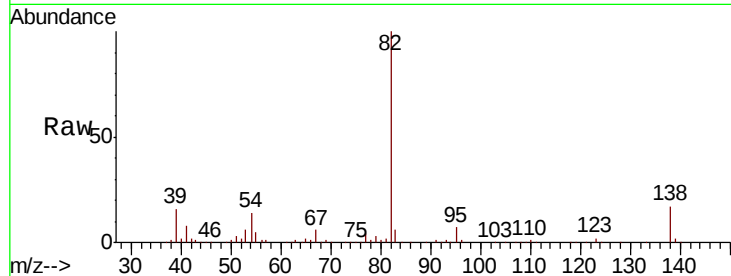




#25
Isophorone
Concen: 53.008 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

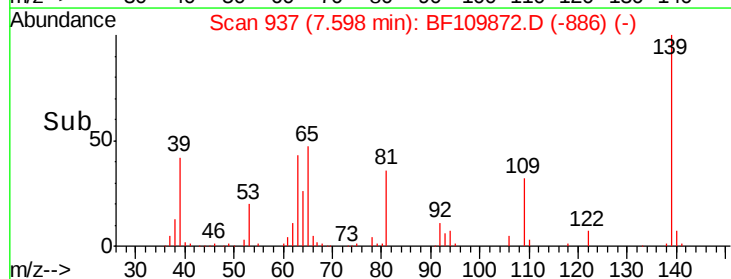
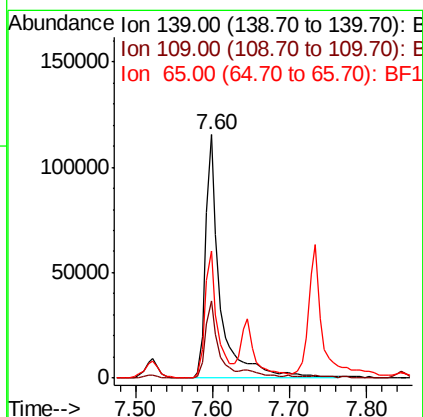
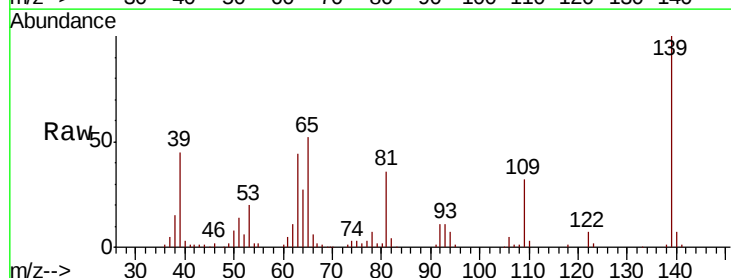
Instrument :
BNA_F
ClientSampleId :

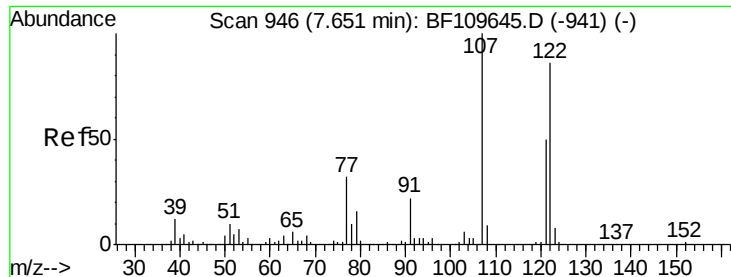
Tot Ion	82	Resp	598865
Ion Ratio	100	Lower	Upper
95	7.3	5.7	8.5
138	17.0	13.2	19.8



#26
2-Nitrophenol
Concen: 46.222 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	139	Resp	153057
Ion Ratio	100	Lower	Upper
109	31.9	25.0	37.6
65	52.2	44.0	66.0

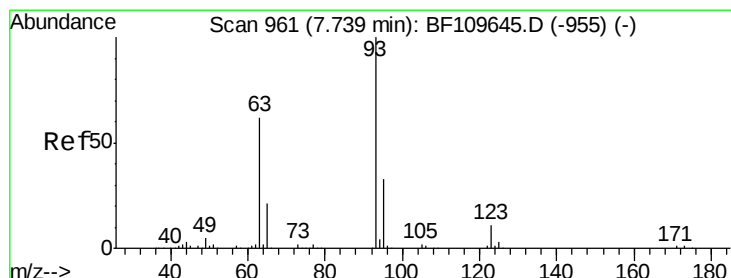
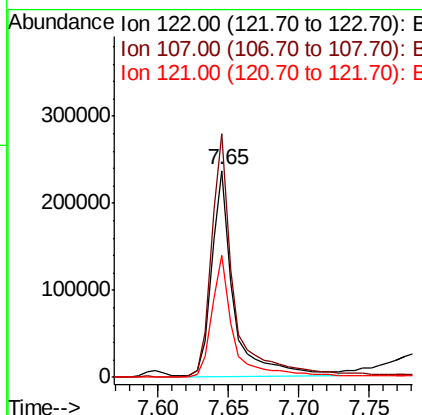
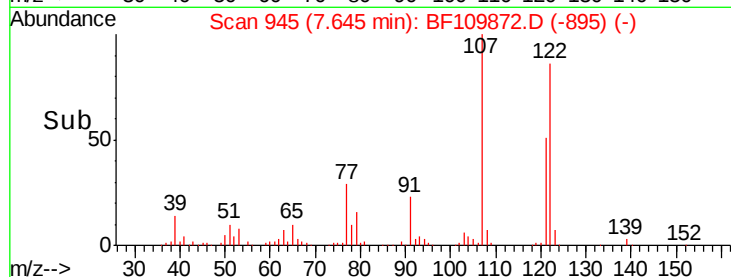
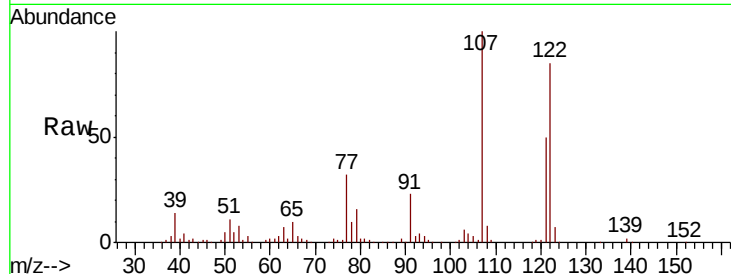




#27
 2,4-Dimethylphenol
 Concen: 53.797 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

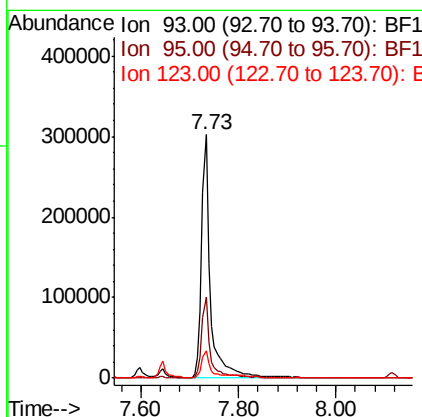
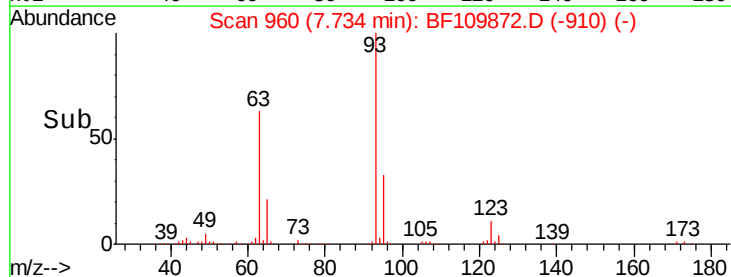
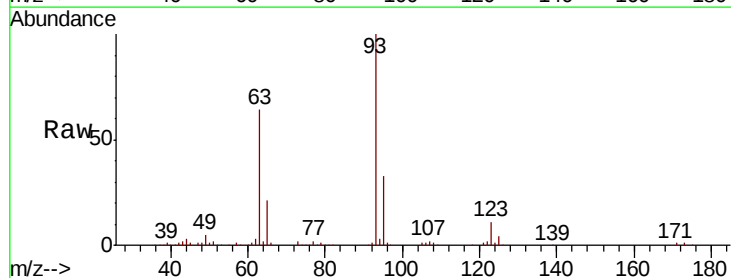
Instrument :
 BNA_F
 ClientSampleId :

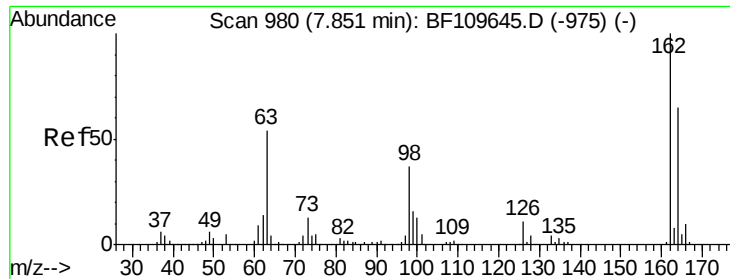
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.5	138.7
121	59.1	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.551 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.2	9.0	13.6

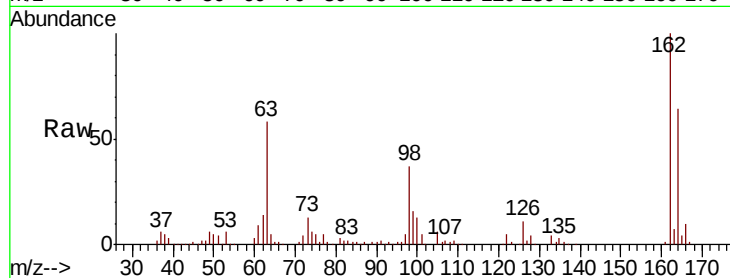




#29
2,4-Dichlorophenol
Concen: 47.574 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.4	17.4	57.4

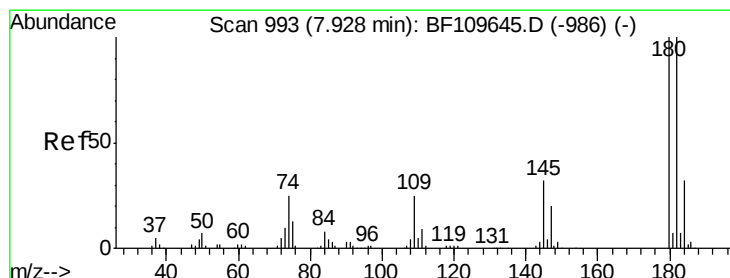
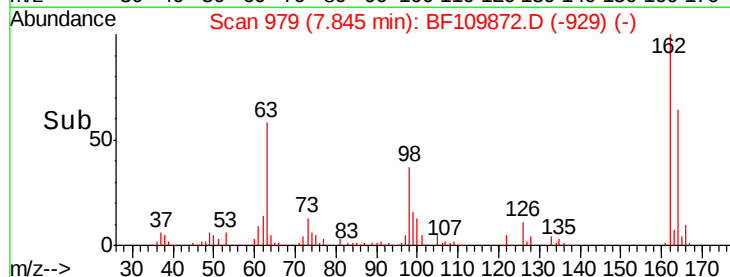
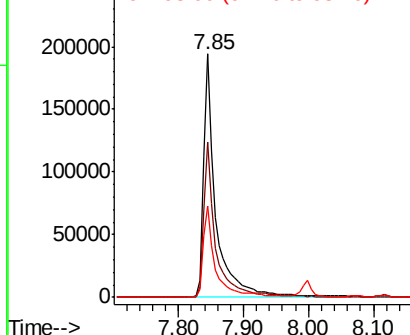


Abundance

Ion 162.00 (161.70 to 162.70): E

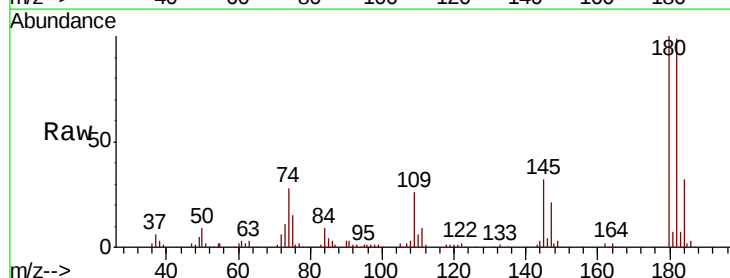
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.685 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	80.3	120.5
145	32.1	25.4	38.0

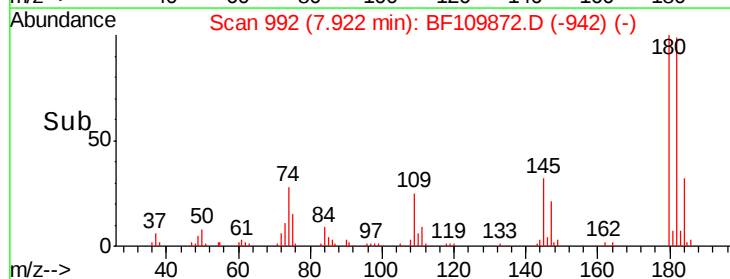
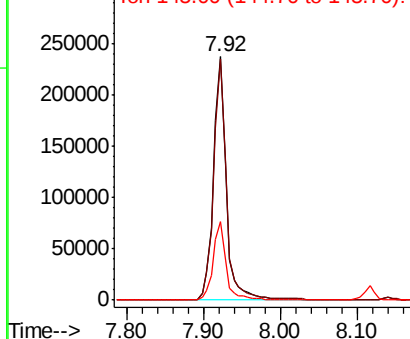


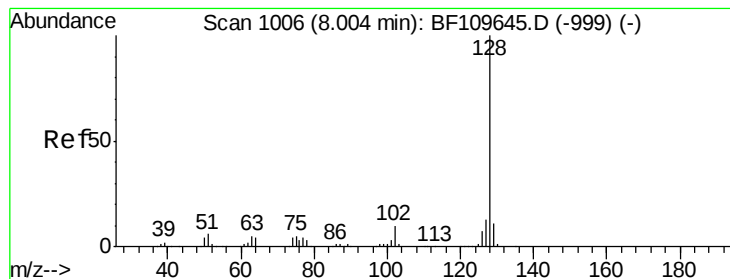
Abundance

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: 50.793 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

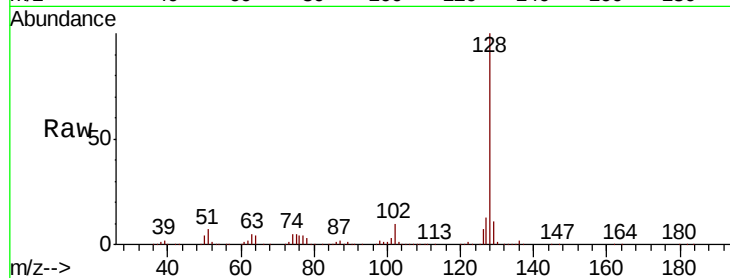
Tot Ion:128 Resp: 880967

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

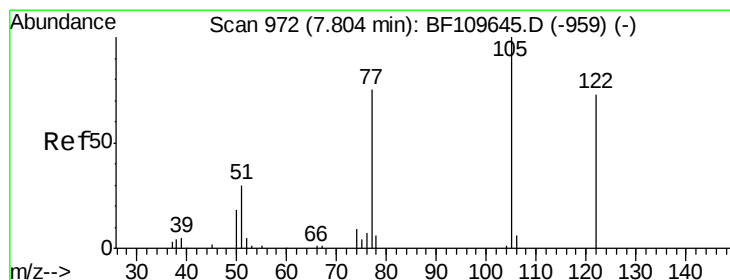
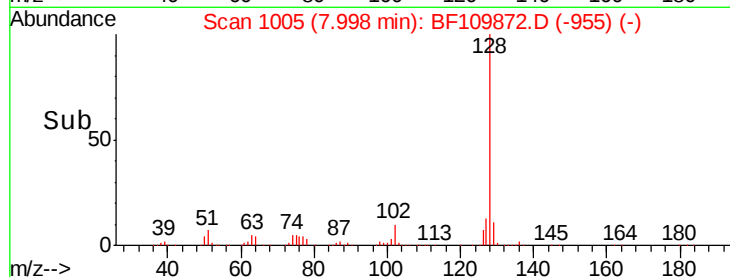
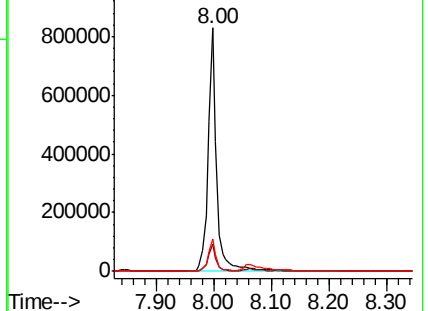
127 13.3 10.8 16.2



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: 42.736 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

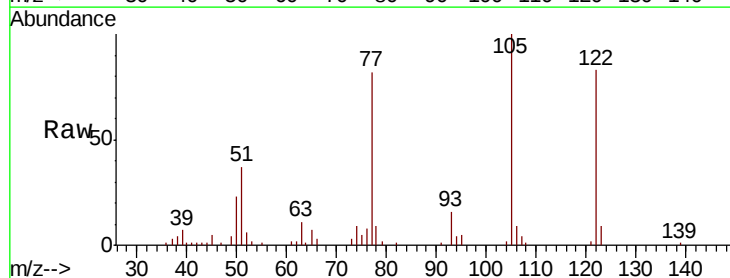
Tgt Ion:122 Resp: 146106

Ion Ratio Lower Upper

122 100

105 119.9 109.0 149.0

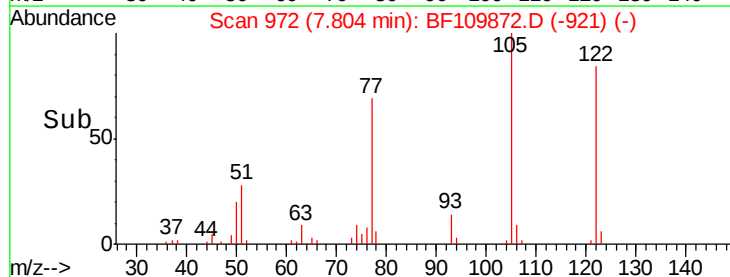
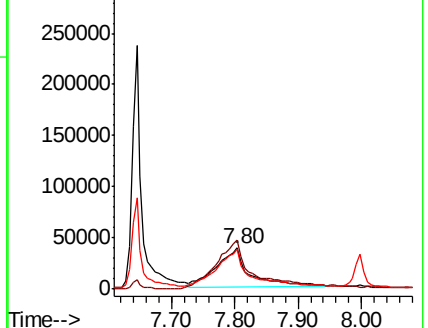
77 98.6 79.0 119.0

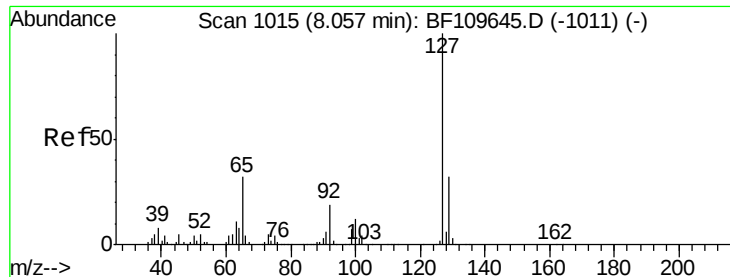


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

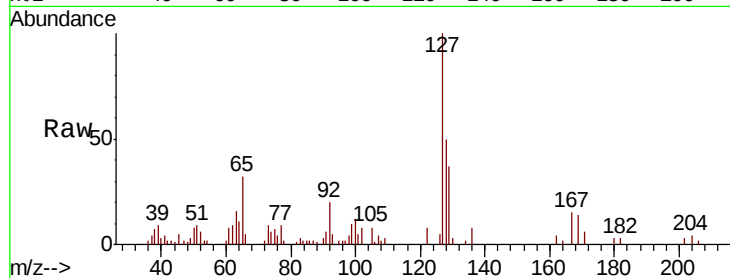




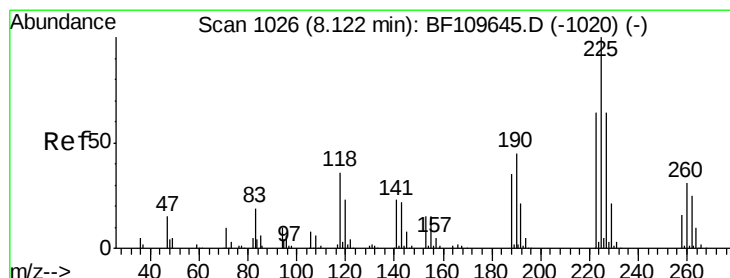
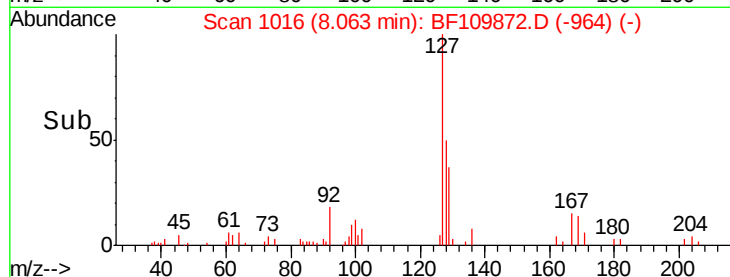
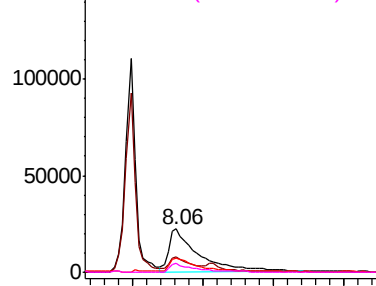
#33
4-Chloroaniline
Concen: 8.718 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	66588
Ion	Ratio	Lower	Upper
127	100		
129	36.5	26.0	39.0
65	32.0	25.1	37.7
92	20.0	15.0	22.6

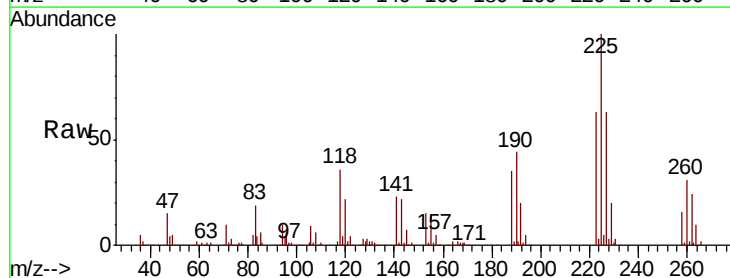


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

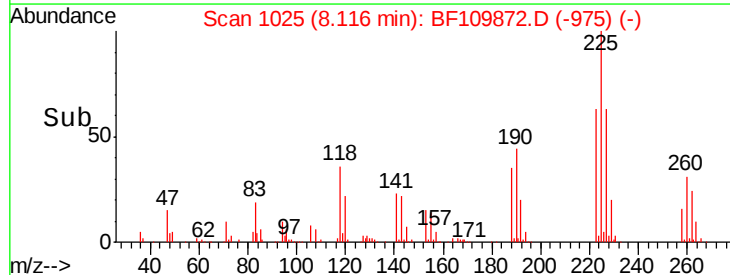
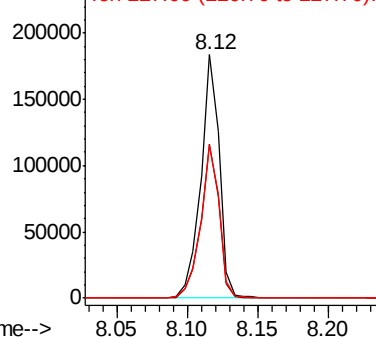


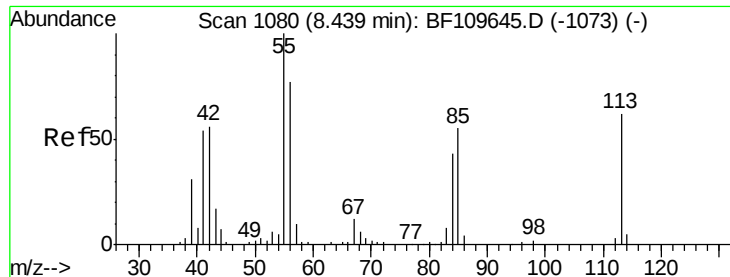
#34
Hexachlorobutadiene
Concen: 45.427 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:	225	Resp:	167706
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	62.9	51.0	76.6



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

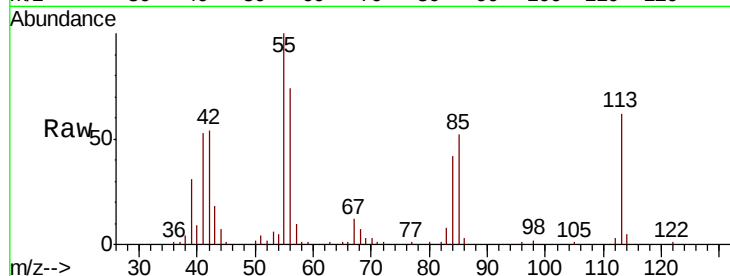




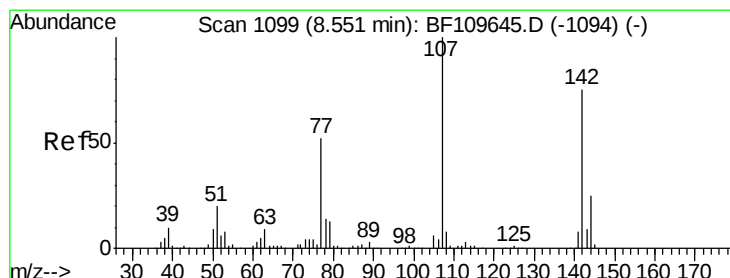
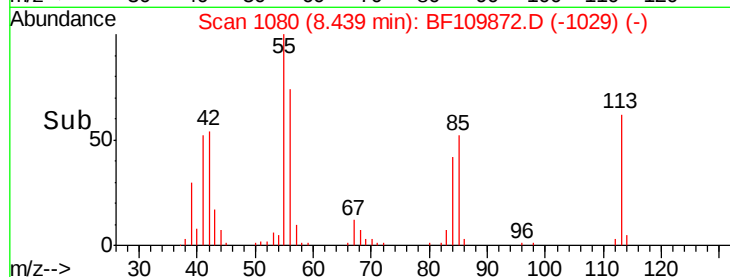
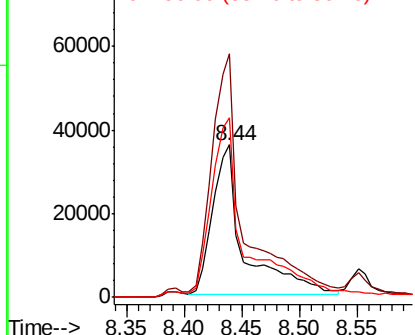
#35
 Caprolactam
 Concen: 43.023 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 68914
 Ion Ratio Lower Upper
 113 100
 55 160.0 142.8 182.8
 56 118.3 105.0 145.0

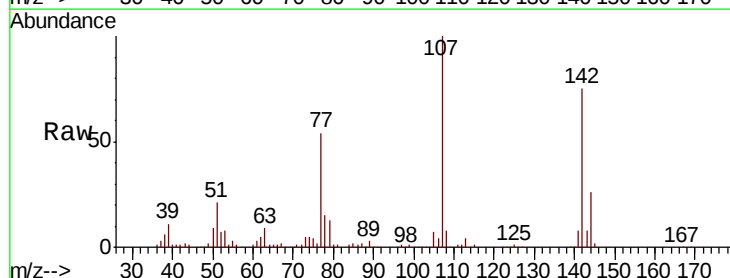


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

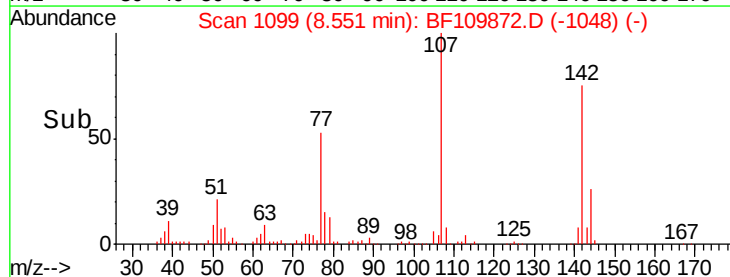
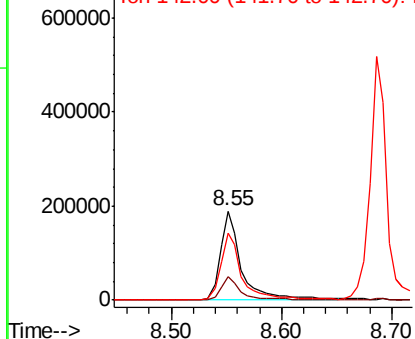


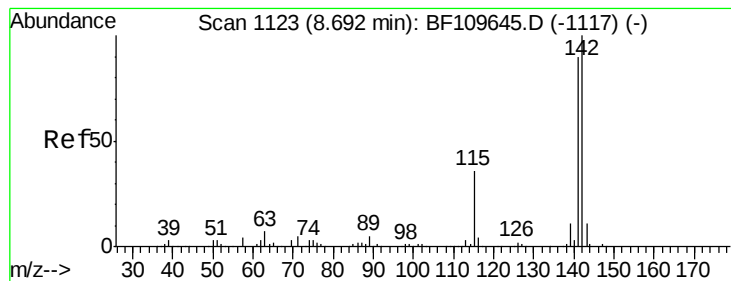
#36
 4-Chloro-3-methylphenol
 Concen: 44.651 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:107 Resp: 252799
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 75.1 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 49.032 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

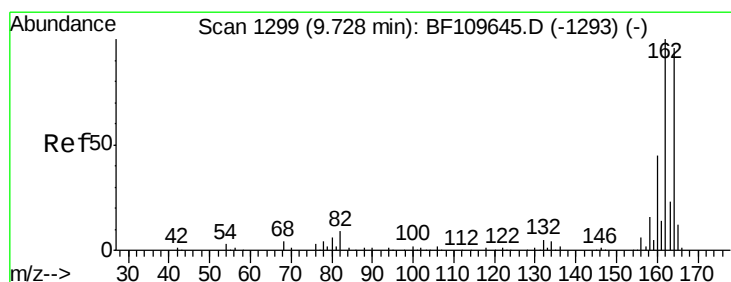
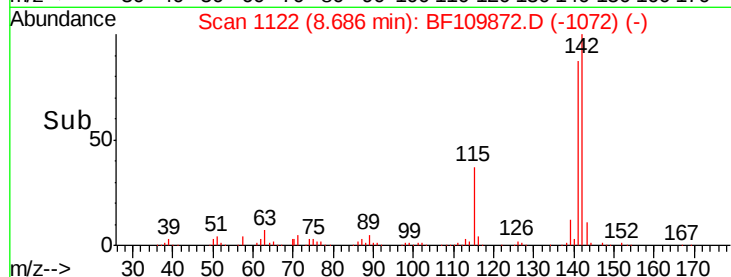
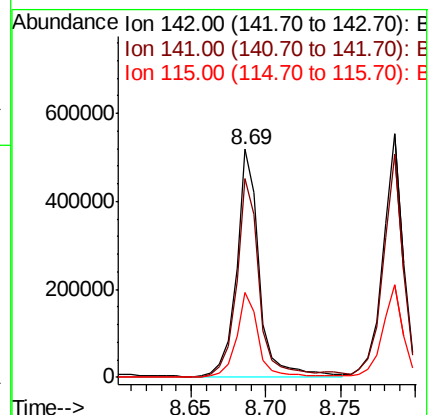
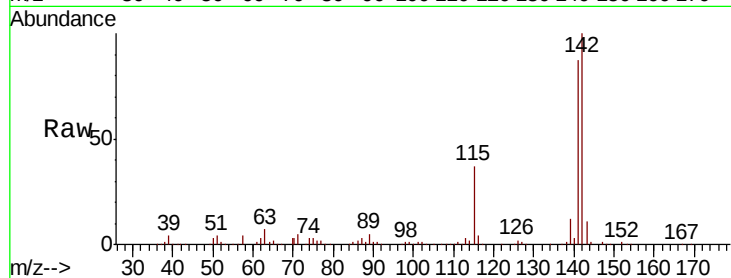
Tot Ion:142 Resp: 557051

Ion Ratio Lower Upper

142 100

141 87.4 71.4 107.2

115 37.1 28.7 43.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

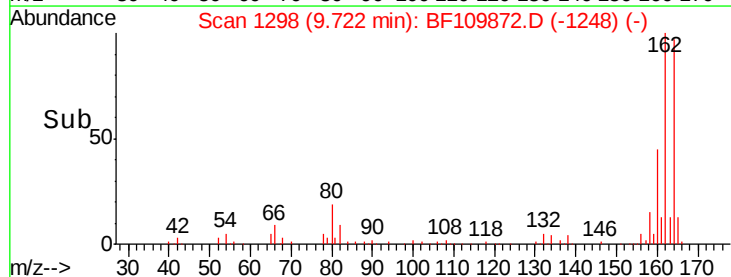
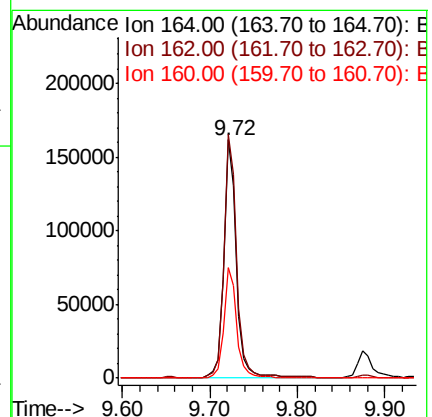
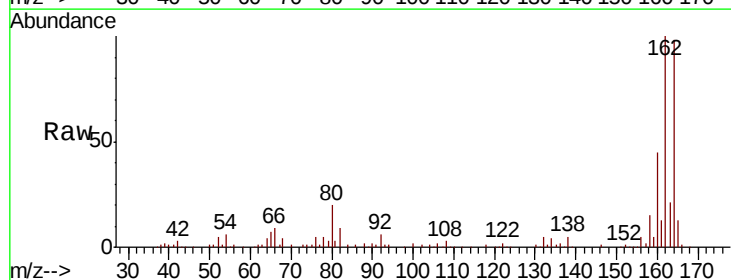
Tgt Ion:164 Resp: 162859

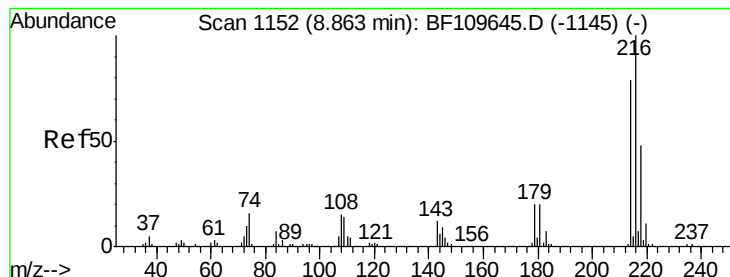
Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

160 46.3 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.270 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262052

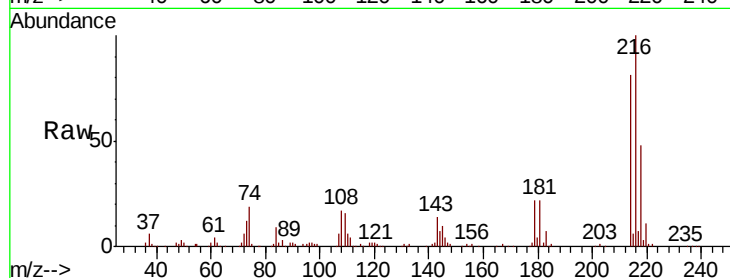
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.3 16.6 25.0

108 17.4 15.1 22.7

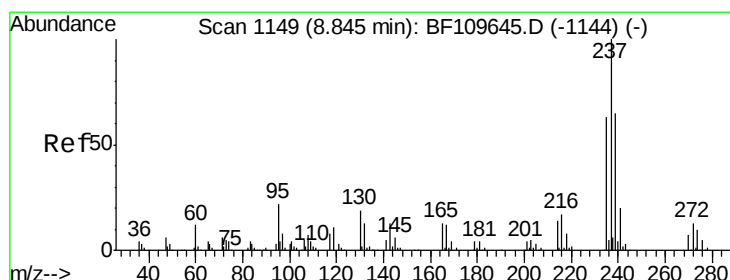
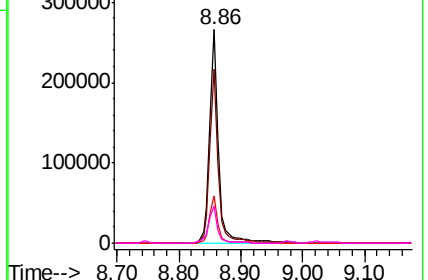
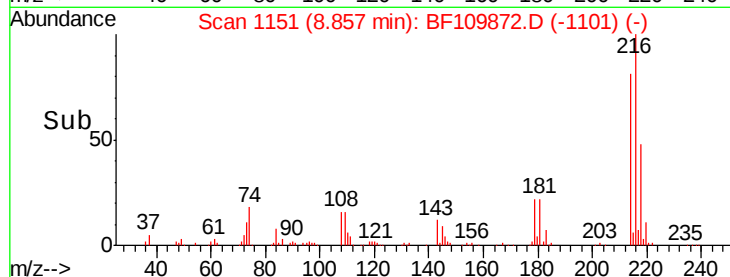


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.688 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

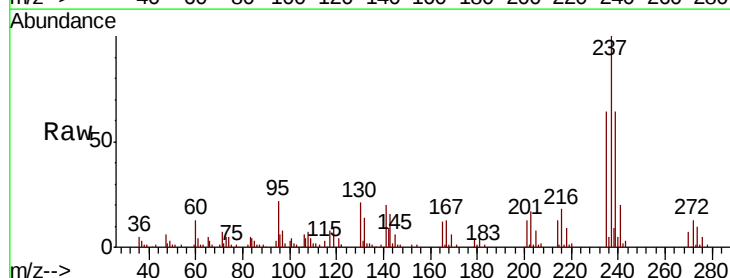
Tgt Ion:237 Resp: 75987

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

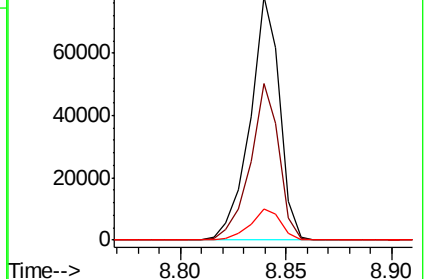
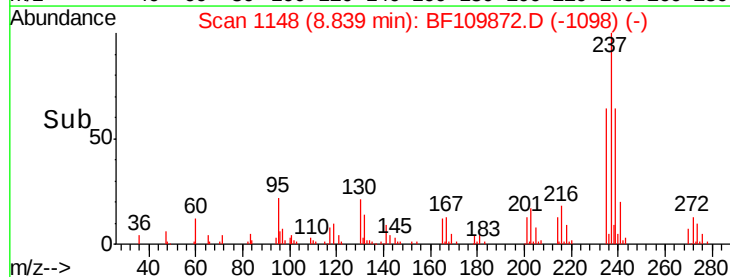
272 13.0 0.0 32.6

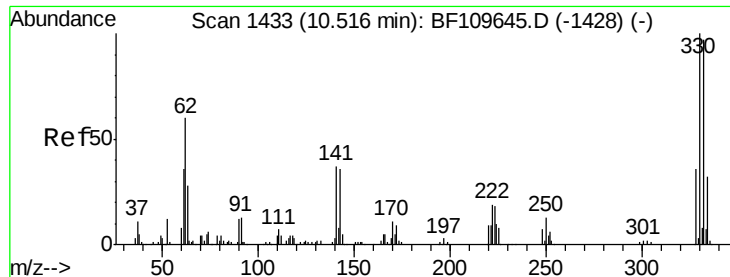


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

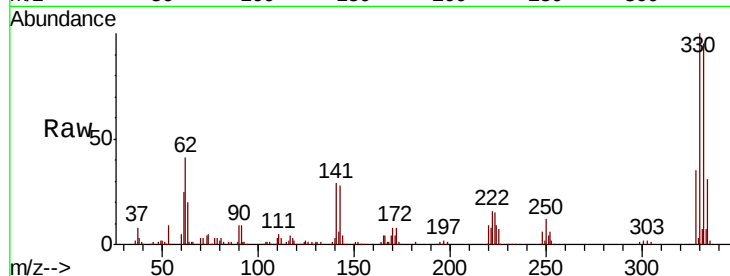




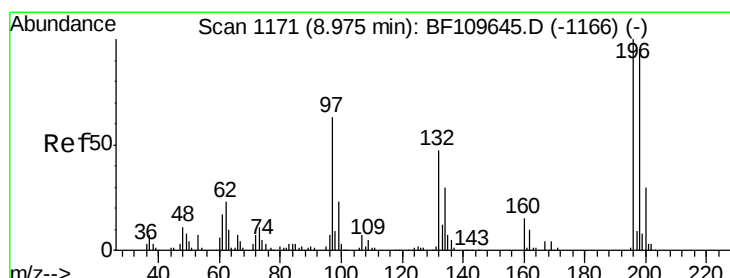
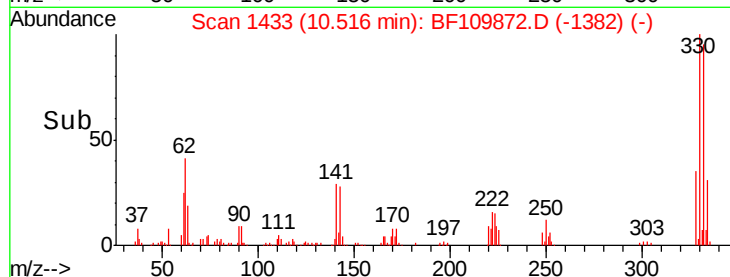
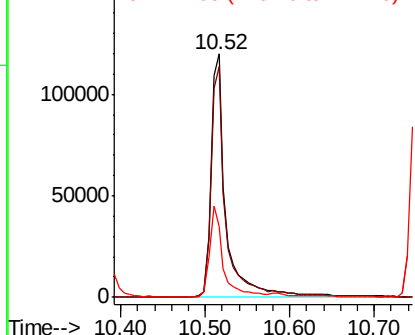
#41
 2,4,6-Tribromophenol
 Concen: 85.089 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150992
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 33.5 27.0 40.4

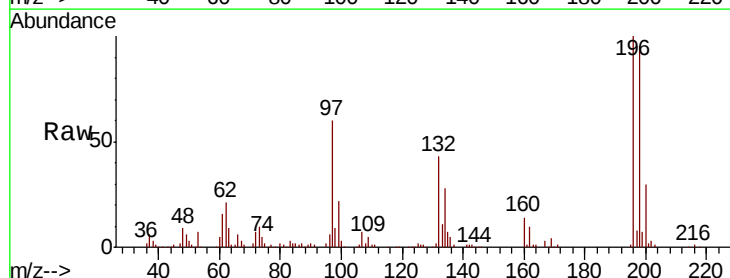


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

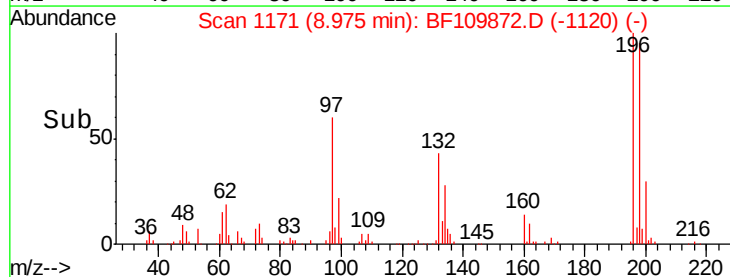
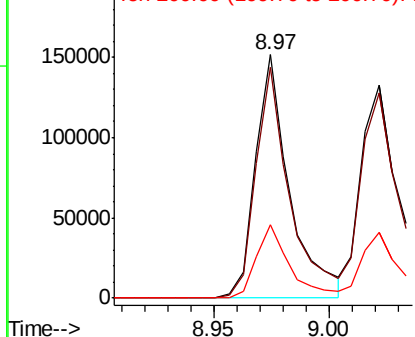


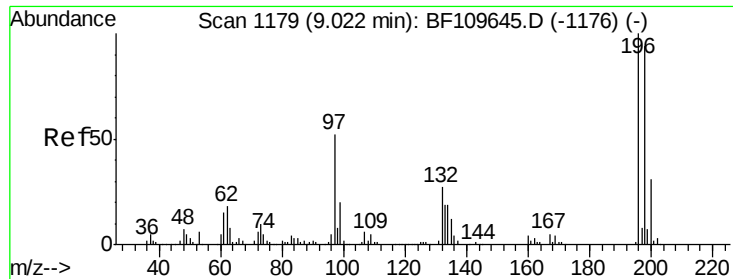
#42
 2,4,6-Trichlorophenol
 Concen: 47.208 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:196 Resp: 156450
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 200 30.2 24.4 36.6



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

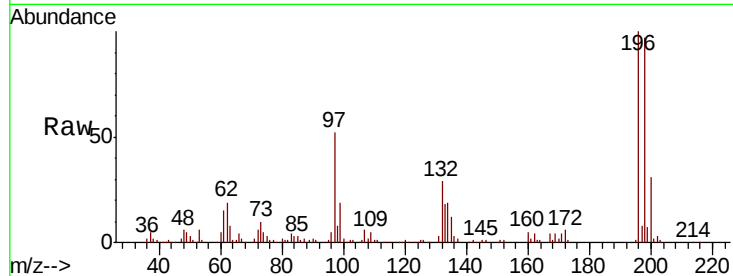




#43
2,4,5-Trichlorophenol
Concen: 47.095 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.8	113.6
97	52.3	42.4	63.6
132	29.1	22.8	34.2



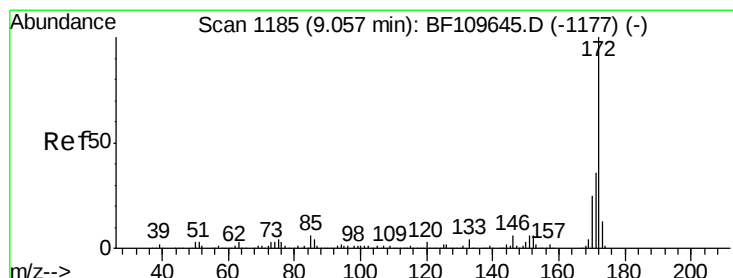
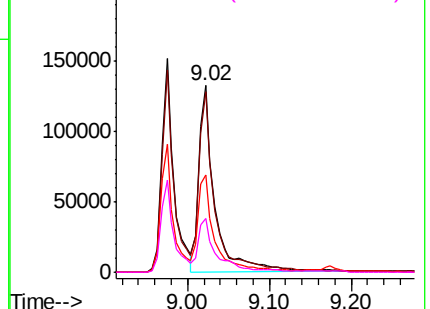
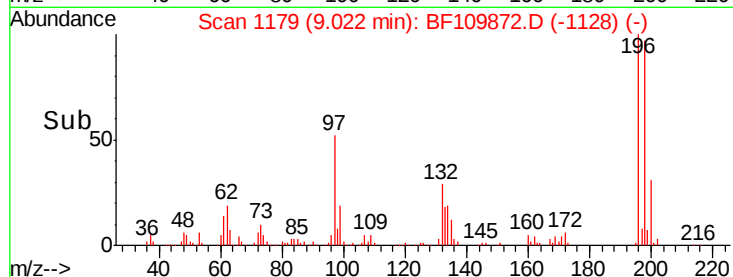
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

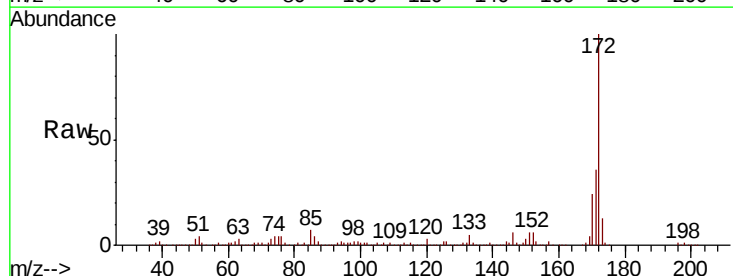
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 101.849 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5

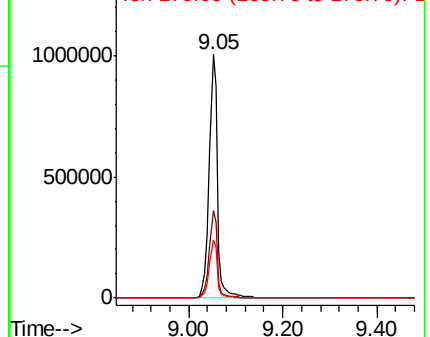
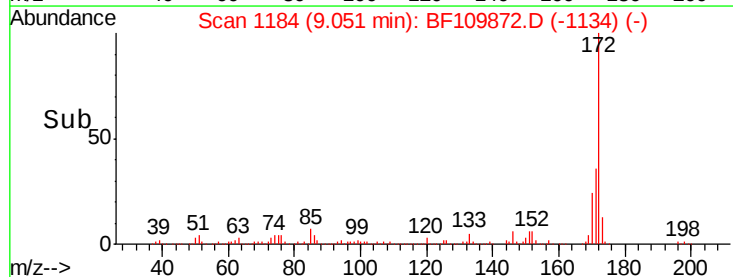


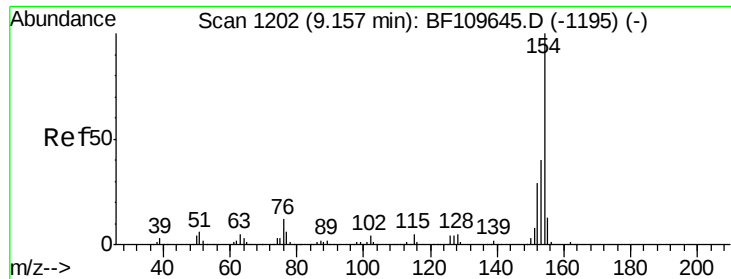
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

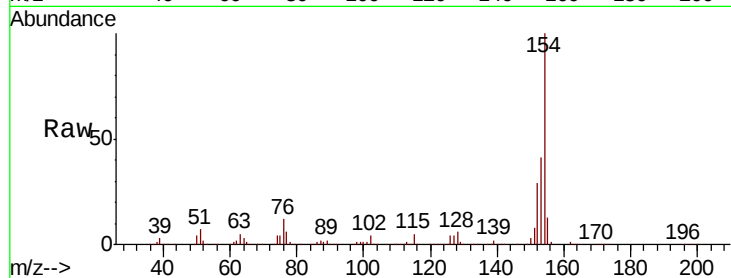




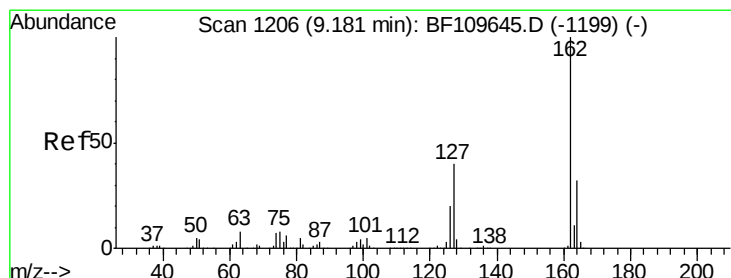
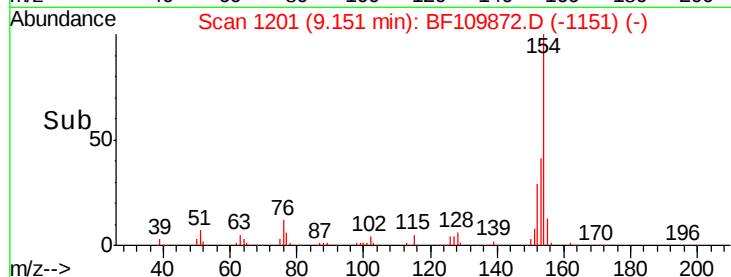
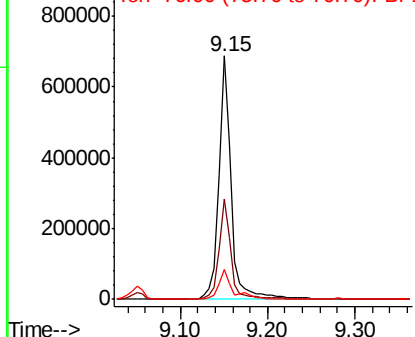
#45
 1,1'-Biphenyl
 Concen: 46.408 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	12.3	0.0	31.9

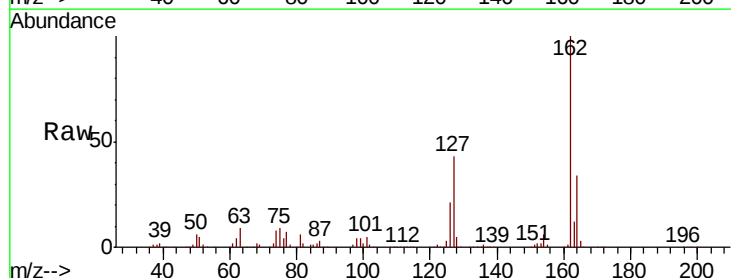


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

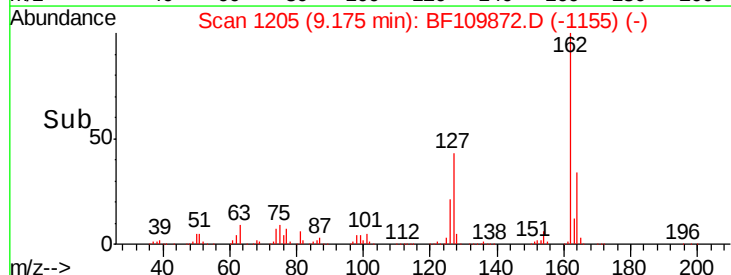
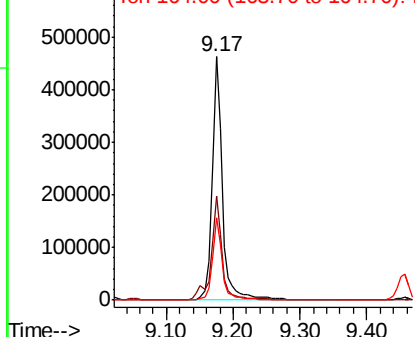


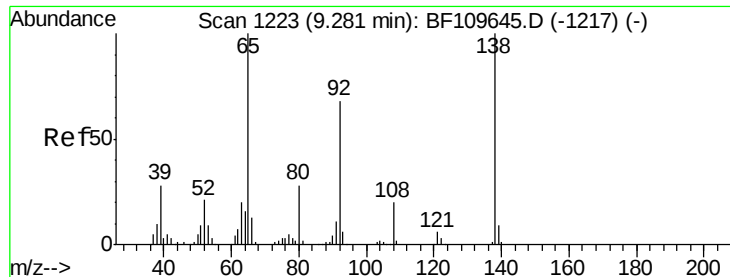
#46
 2-Chloronaphthalene
 Concen: 46.312 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.6	48.8
164	33.6	25.9	38.9



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

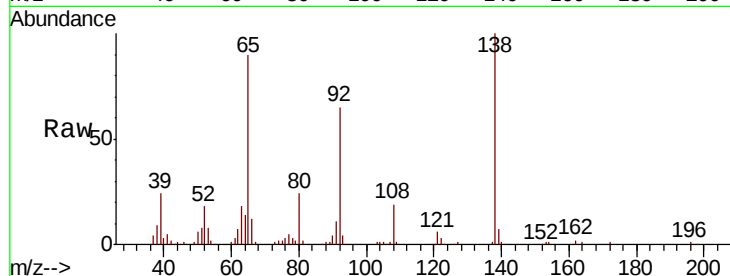




#47
2-Nitroaniline
Concen: 48.204 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	81.8
138	111.1	80.3	120.5

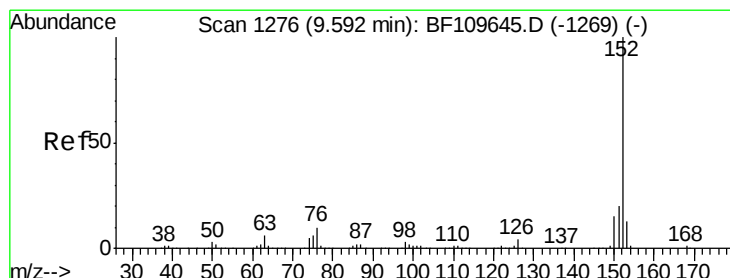
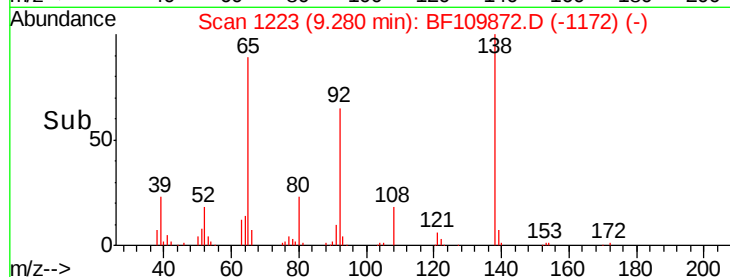
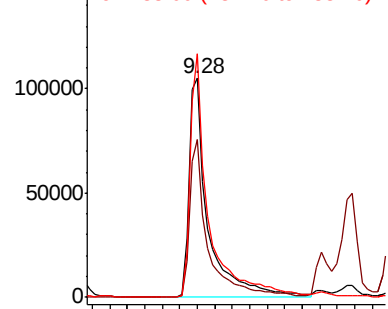


Abundance

Ion 65.00 (64.70 to 65.70): BF1

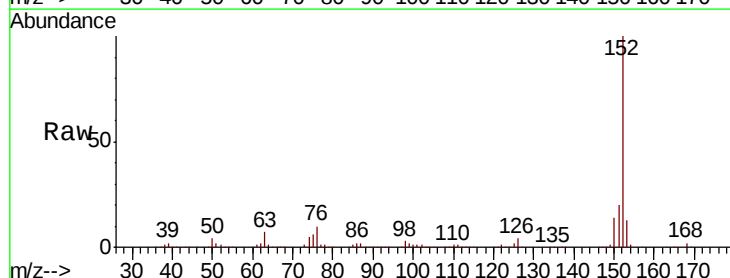
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 48.796 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.2	10.4	15.6

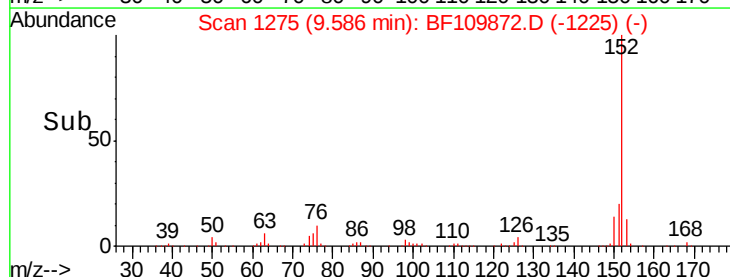
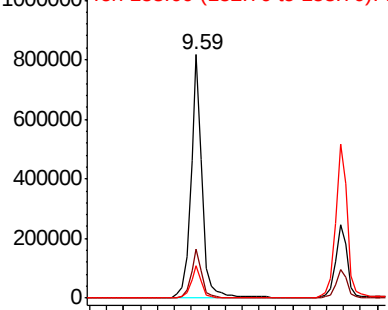


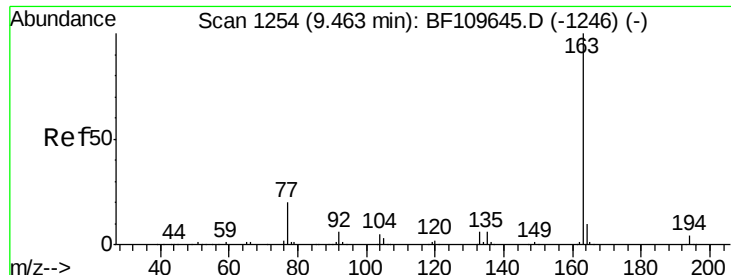
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

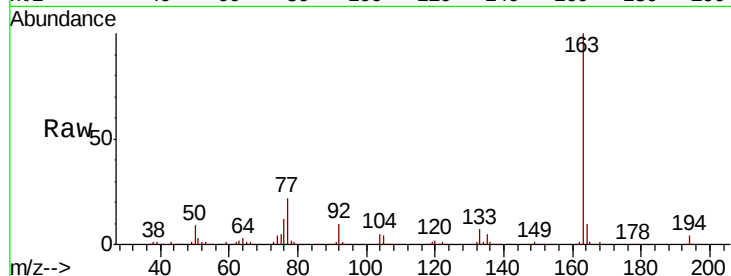




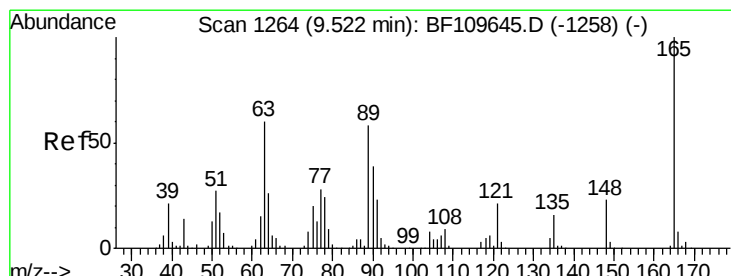
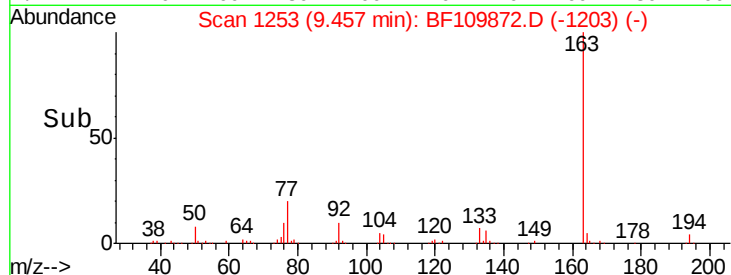
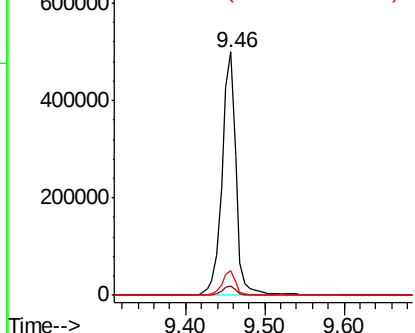
#49
Dimethylphthalate
Concen: 51.134 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1

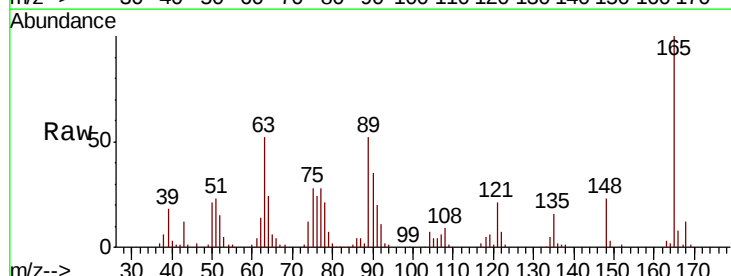


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

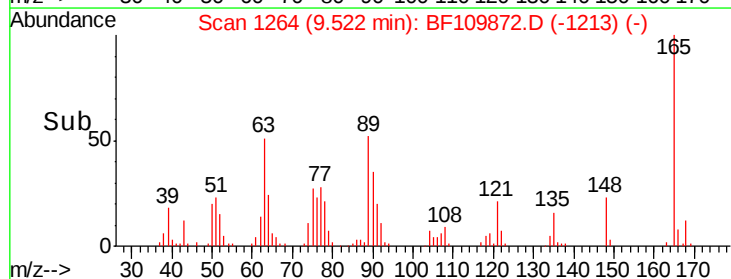
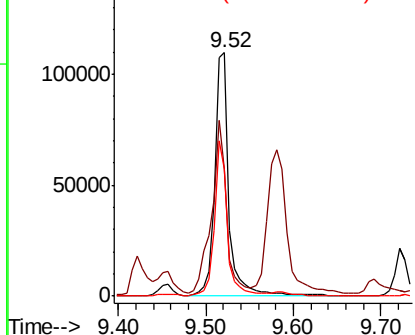


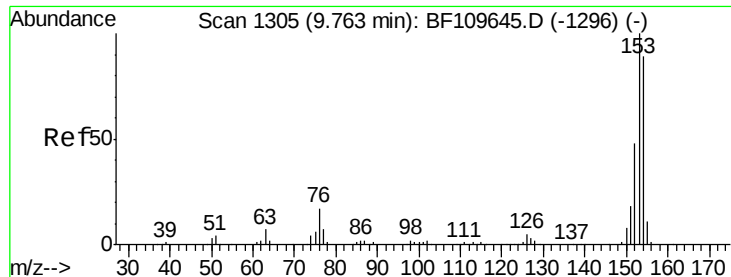
#50
2,6-Dinitrotoluene
Concen: 48.068 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	48.9	73.3
89	52.2	46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.041 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

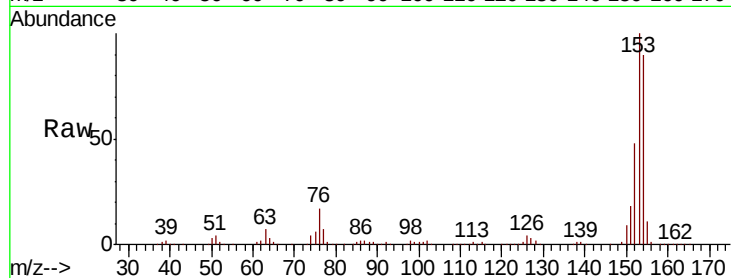
Tot Ion:154 Resp: 433713

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

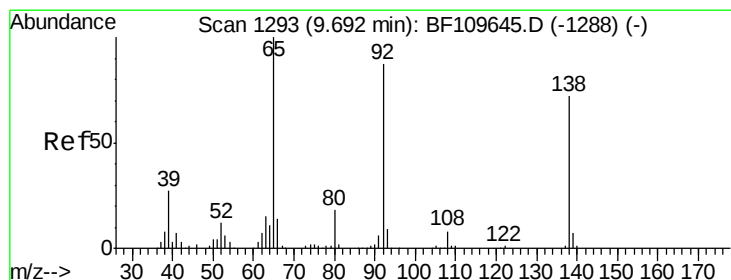
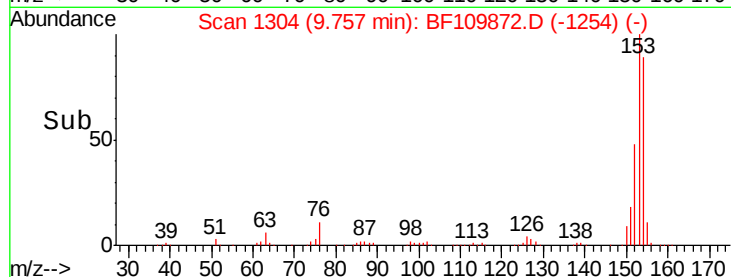
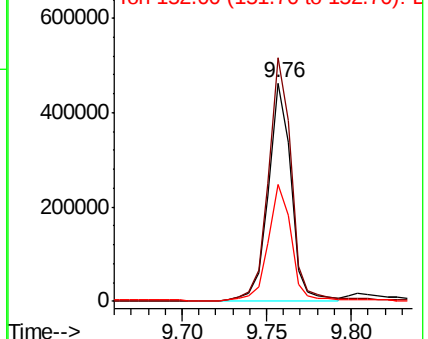
152 53.4 43.4 65.2



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: 21.091 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

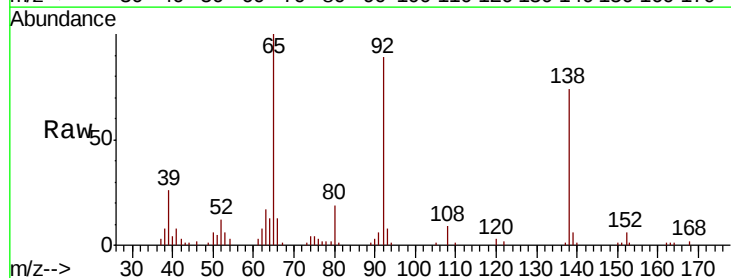
Tgt Ion:138 Resp: 61211

Ion Ratio Lower Upper

138 100

108 12.3 8.7 13.1

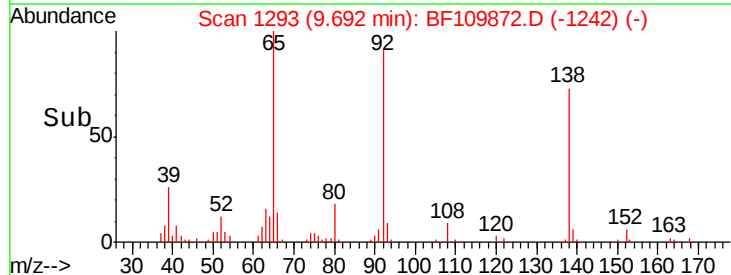
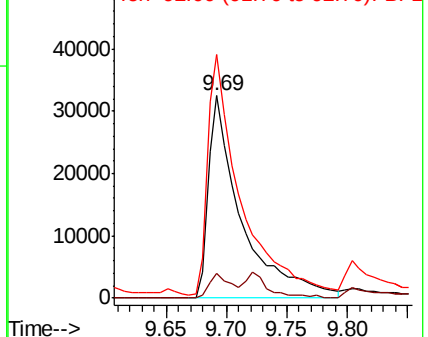
92 120.4 97.0 145.4

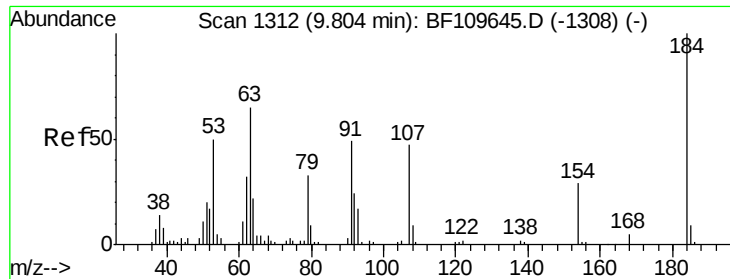


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

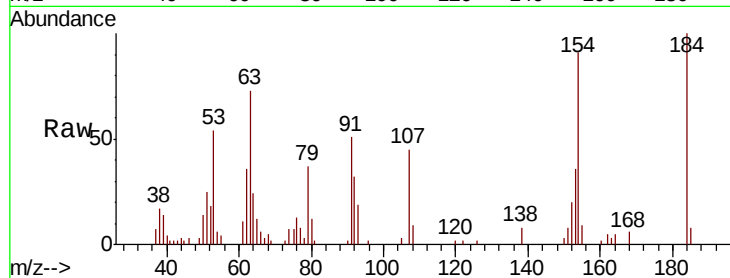




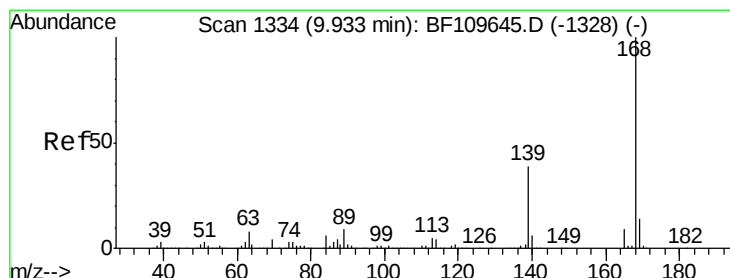
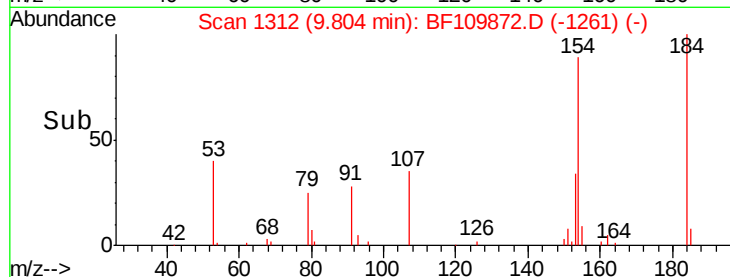
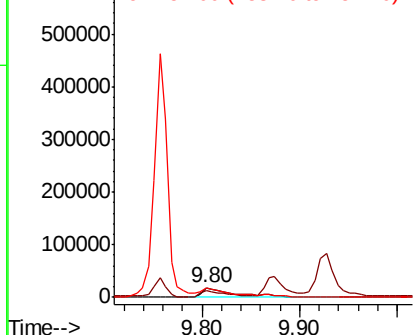
#53
 2,4-Dinitrophenol
 Concen: 50.909 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 42526
 Ion Ratio Lower Upper
 184 100
 63 72.6 55.8 83.6
 154 90.5 63.2 94.8

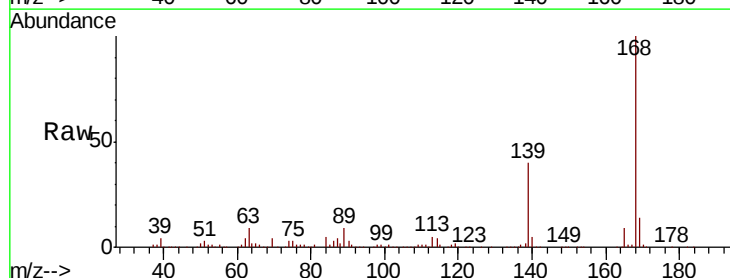


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

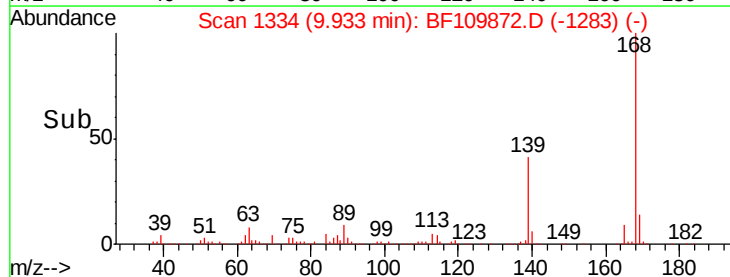
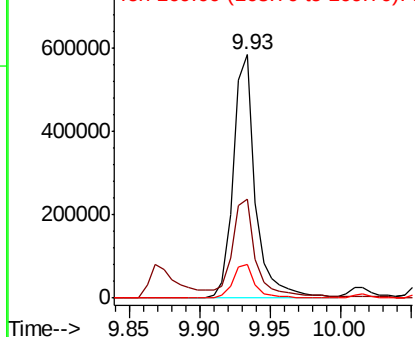


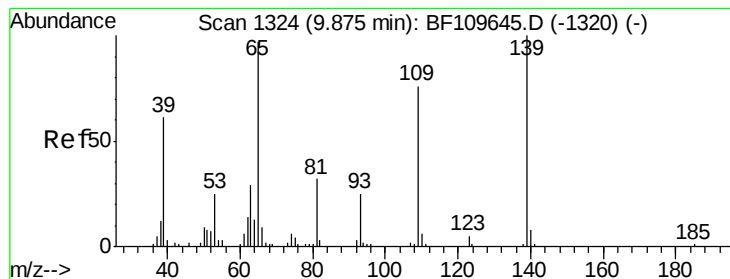
#54
 Dibenzofuran
 Concen: 45.359 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:168 Resp: 640481
 Ion Ratio Lower Upper
 168 100
 139 40.5 33.0 49.6
 169 14.0 11.3 16.9



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: 72.152 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

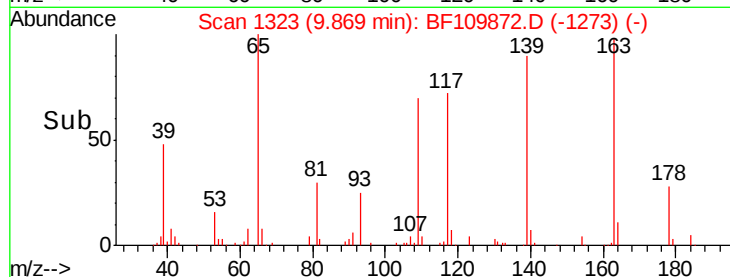
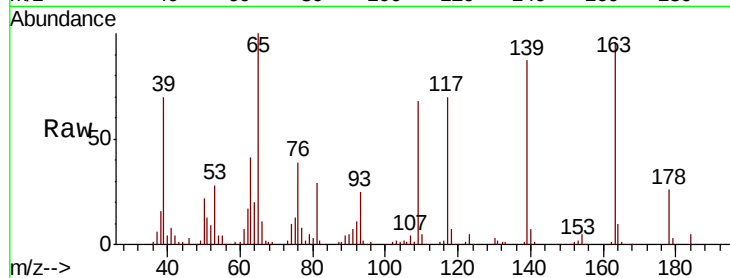
Tot Ion:139 Resp: 114622

Ion Ratio Lower Upper

139 100

109 78.3 55.8 95.8

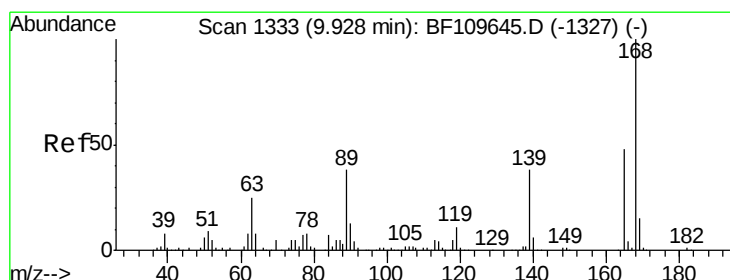
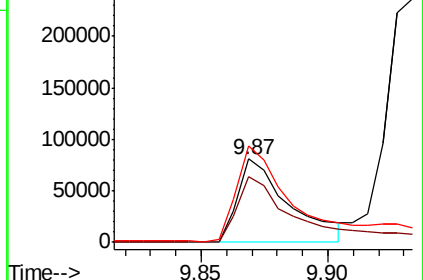
65 114.8 77.9 117.9



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): BF1



#56

2,4-Dinitrotoluene

Concen: 45.518 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:165 Resp: 147071

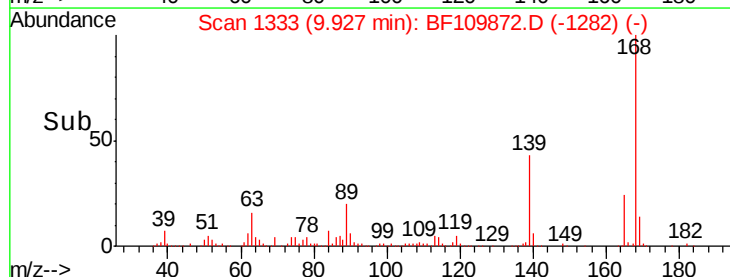
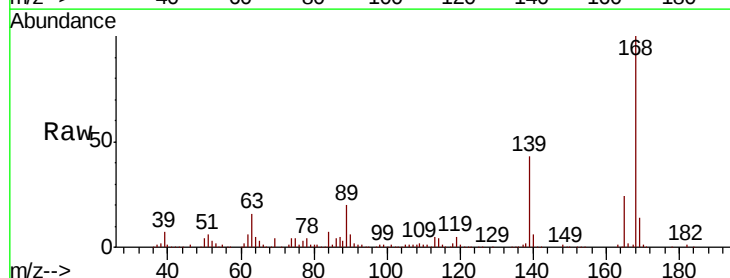
Ion Ratio Lower Upper

165 100

63 67.8 44.8 67.2#

89 83.9 62.2 93.4

182 2.5 2.1 3.1

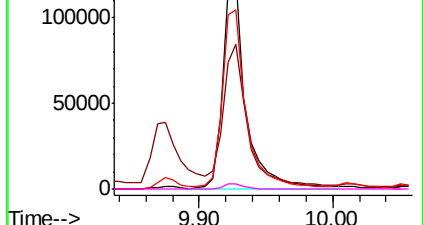


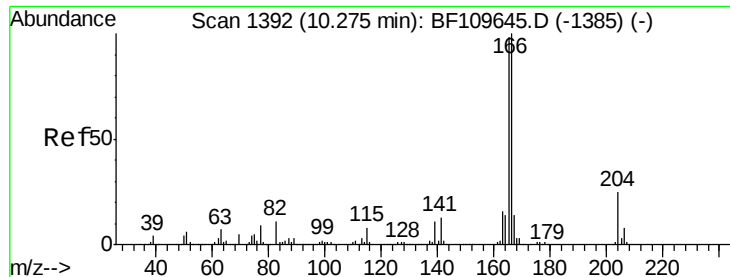
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.283 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

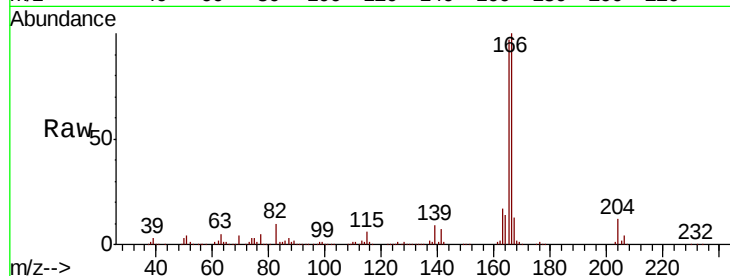
Tot Ion:166 Resp: 498597

Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

167 13.2 10.8 16.2

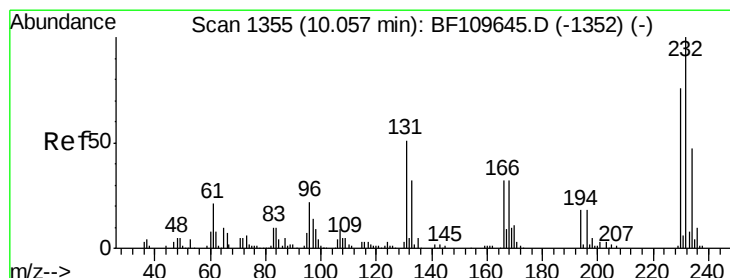
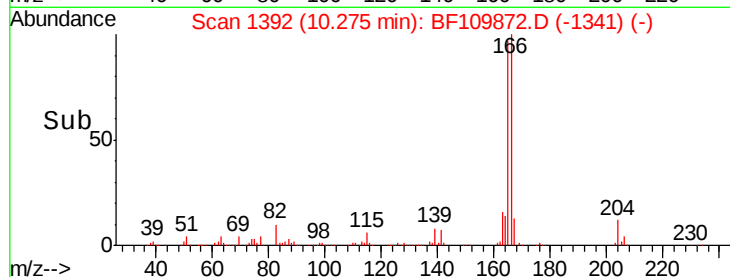
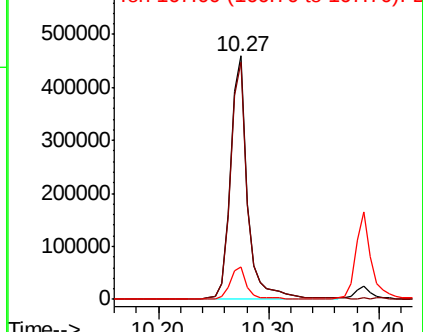


Abundance

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: 42.215 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion:232 Resp: 130760

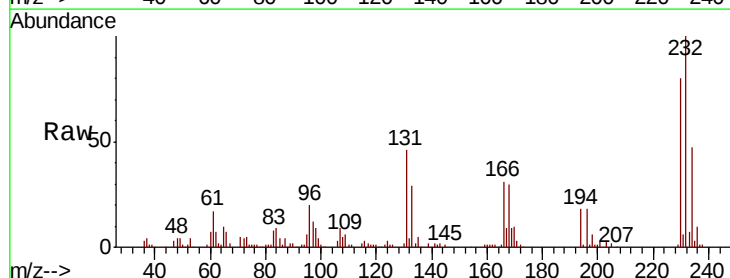
Ion Ratio Lower Upper

232 100

131 45.1 37.0 55.4

130 2.3 1.8 2.6

166 29.5 22.0 33.0



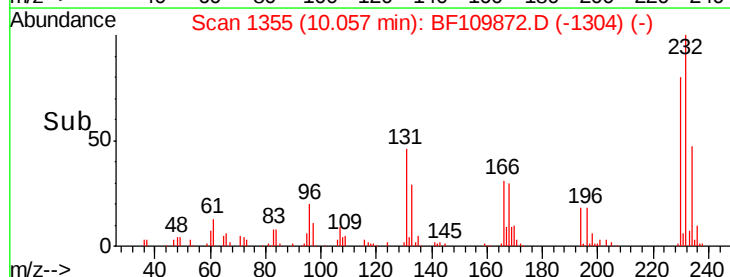
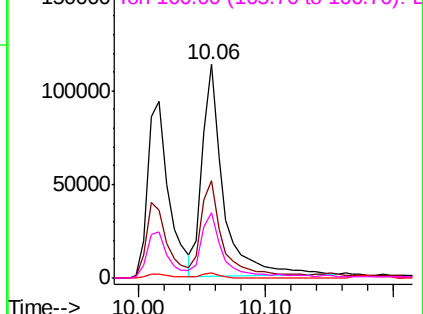
Abundance

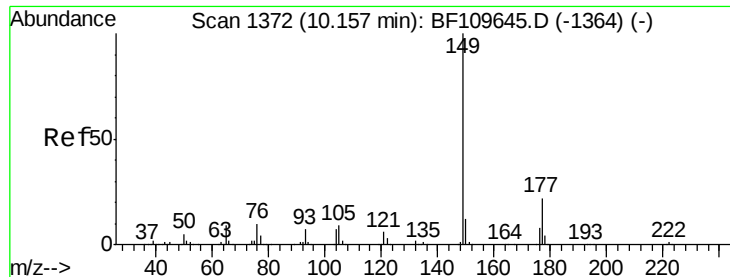
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

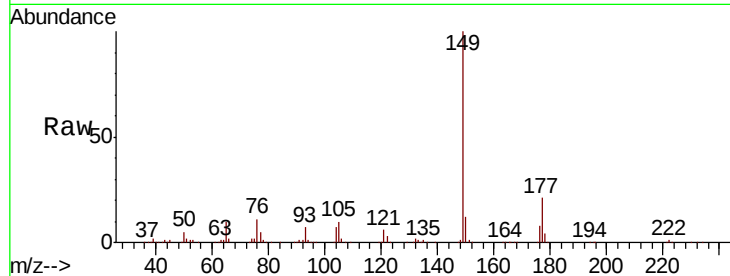




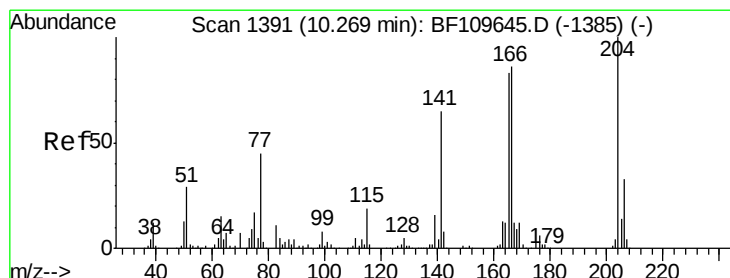
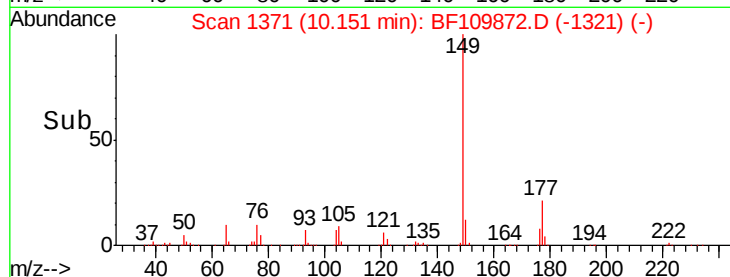
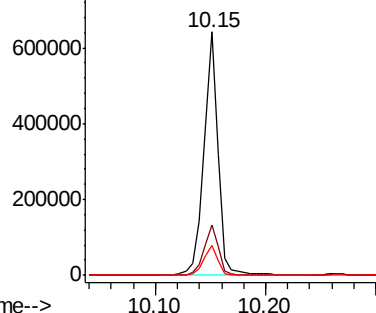
#59
Diethylphthalate
Concen: 49.193 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 582176
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.2
150 12.2 9.8 14.8

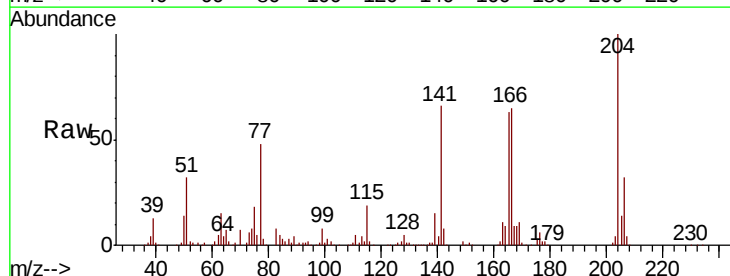


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

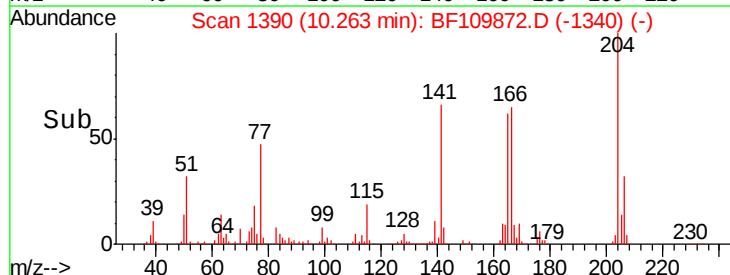
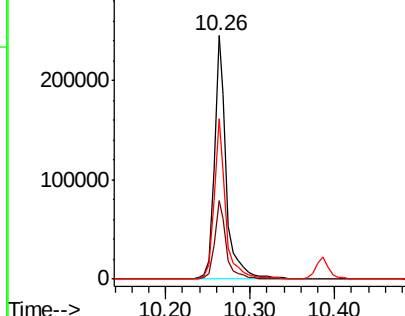


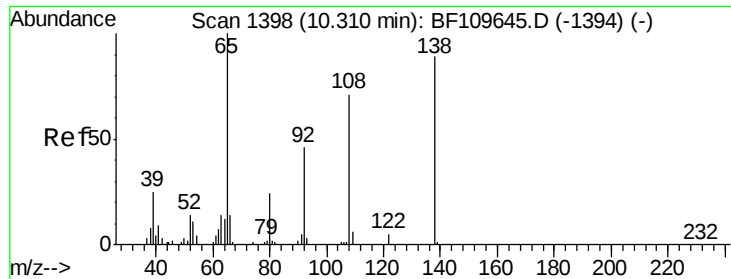
#60
4-Chlorophenyl-phenylether
Concen: 44.841 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:204 Resp: 249453
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.9 51.8 77.8



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: 35.492 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

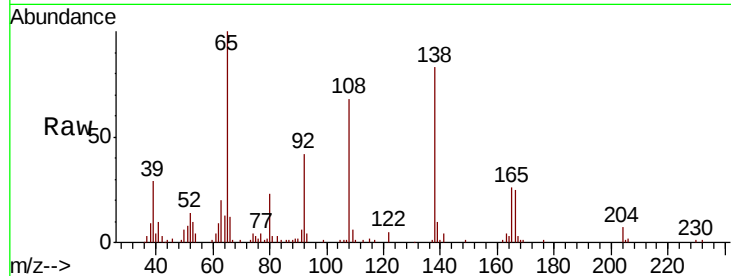
Tot Ion:138 Resp: 95396

Ion Ratio Lower Upper

138 100

92 50.2 31.7 71.7

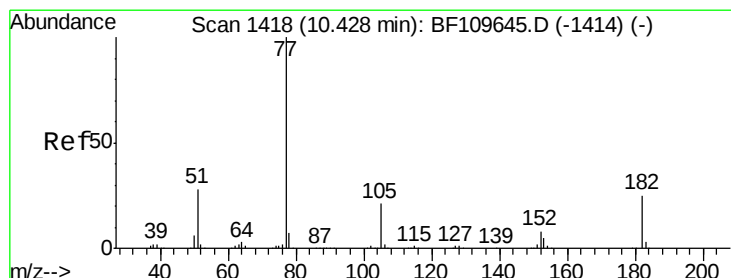
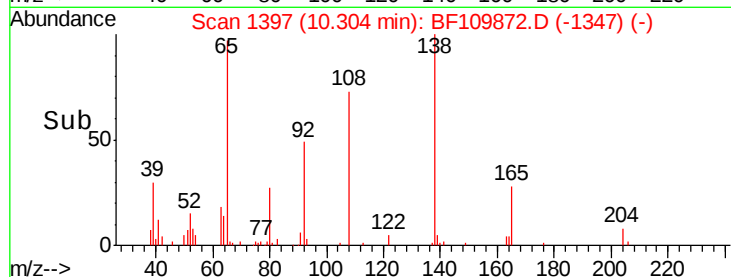
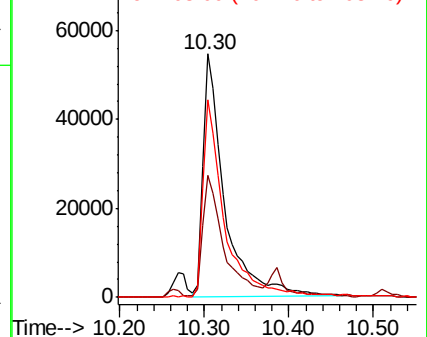
108 81.1 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.866 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Tgt Ion: 77 Resp: 551198

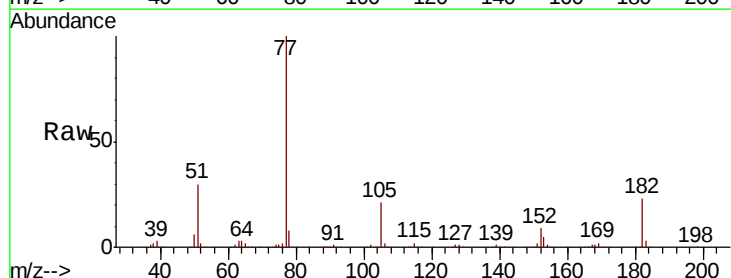
Ion Ratio Lower Upper

77 100

182 23.4 4.3 44.3

105 20.8 1.3 41.3

51 29.5 9.0 49.0

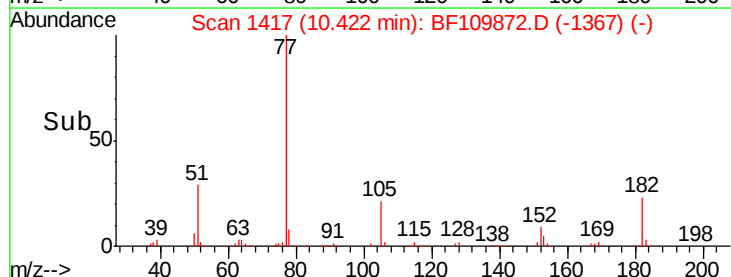
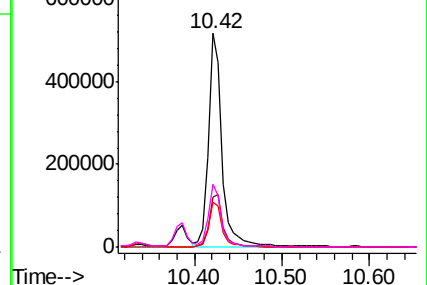


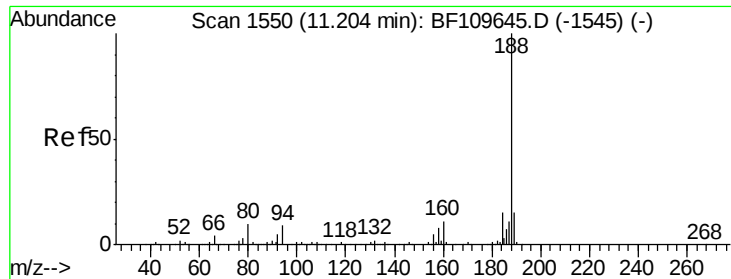
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1

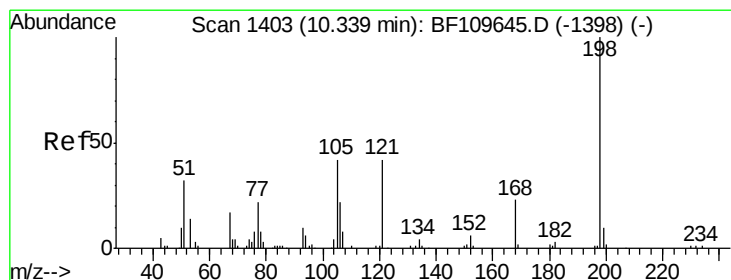
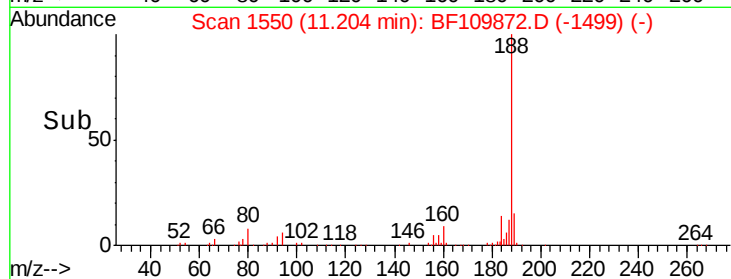
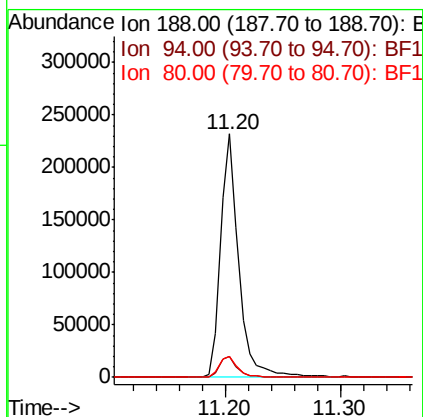
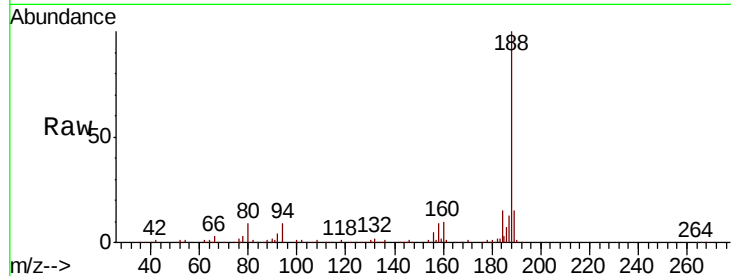




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

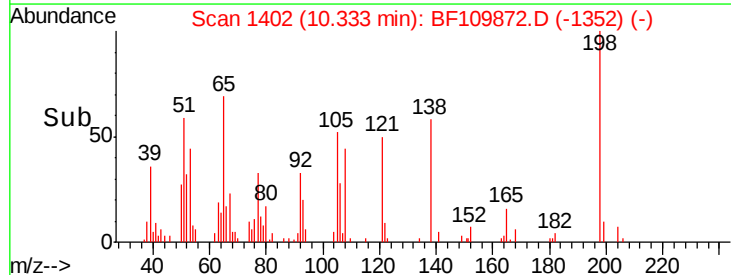
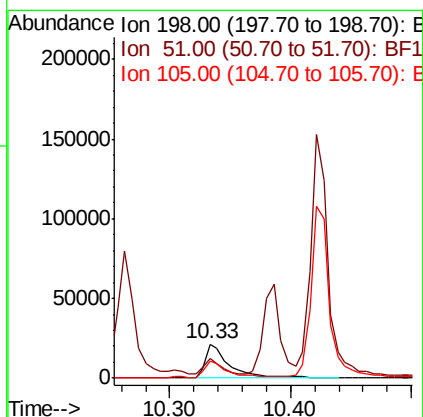
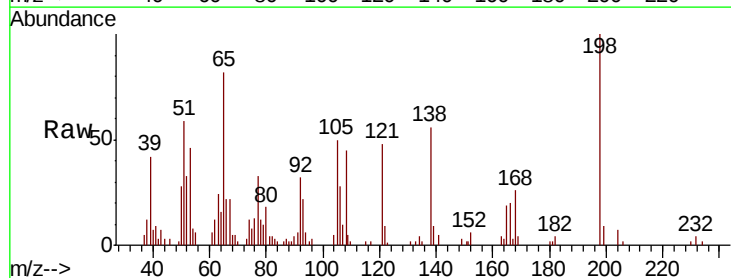
Instrument :
BNA_F
ClientSampleId :

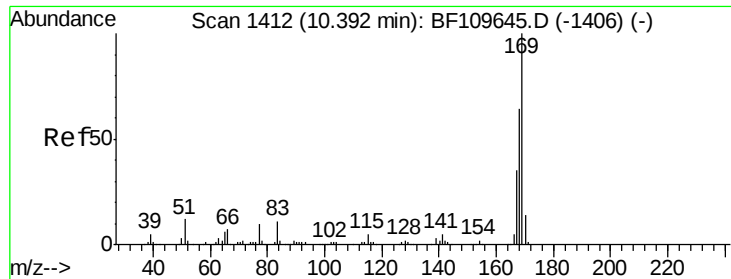
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	8.7	7.9	11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 24.020 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.5	22.8	62.8
105	50.2	23.6	63.6

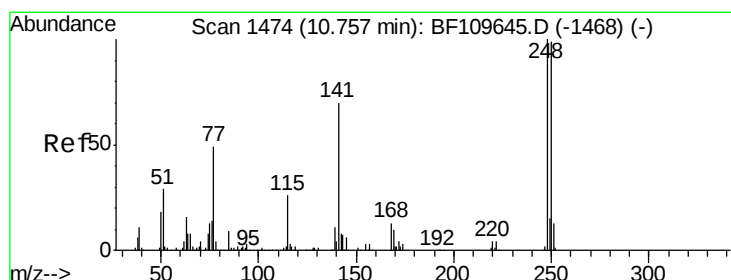
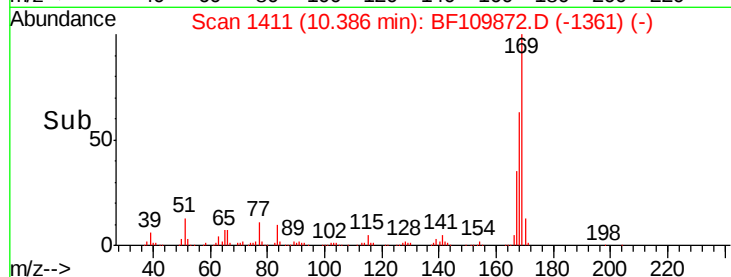
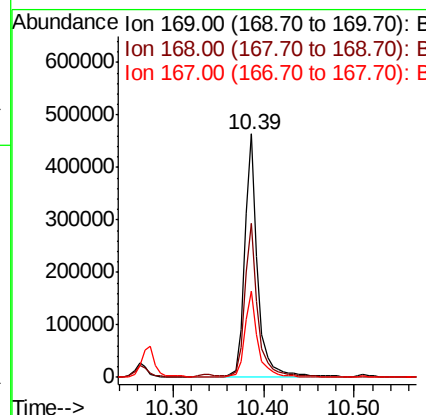
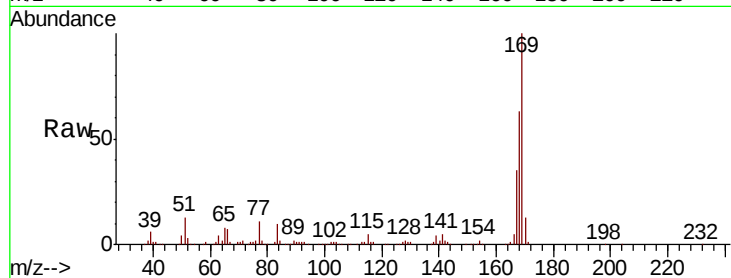




#65
 n-Nitrosodiphenylamine
 Concen: 54.236 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

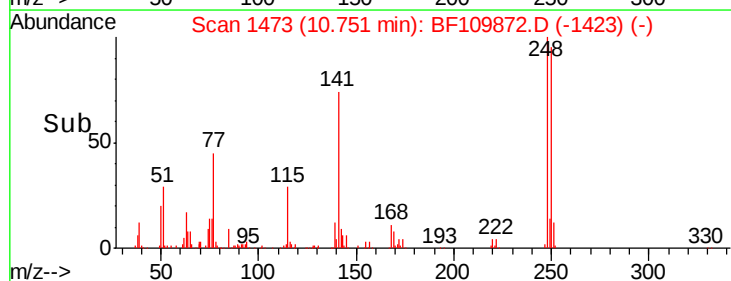
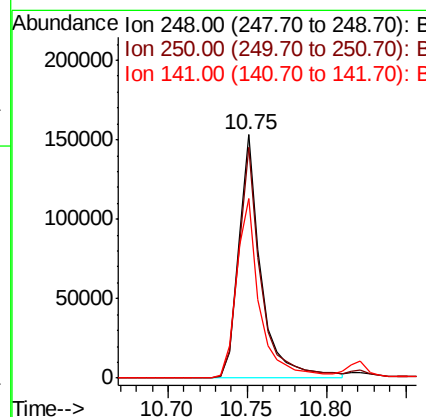
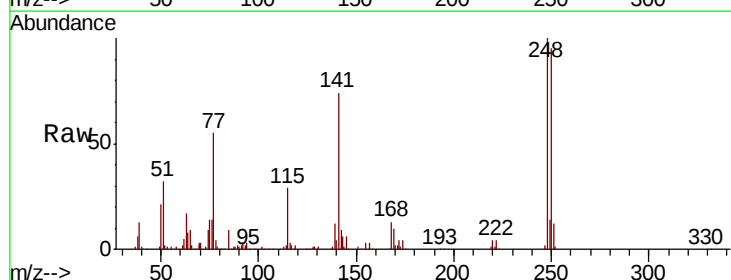
Instrument :
 BNA_F
 ClientSampleId :

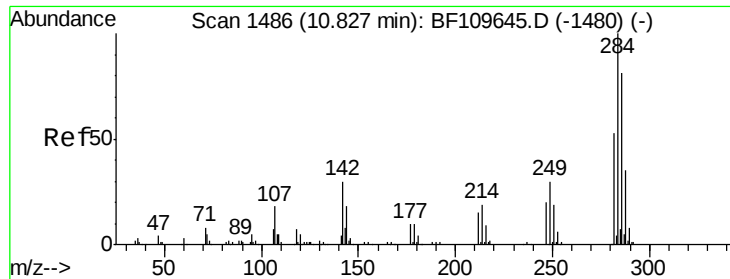
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.1	51.2	76.8
167	35.4	27.8	41.6



#66
 4-Bromophenyl-phenylether
 Concen: 51.844 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.4	119.2
141	73.8	55.9	83.9

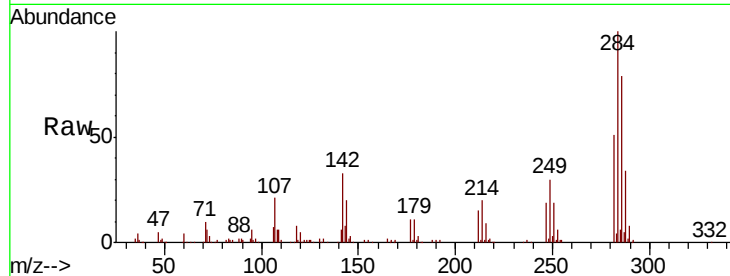




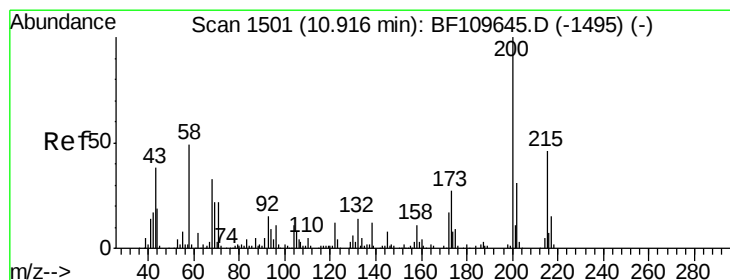
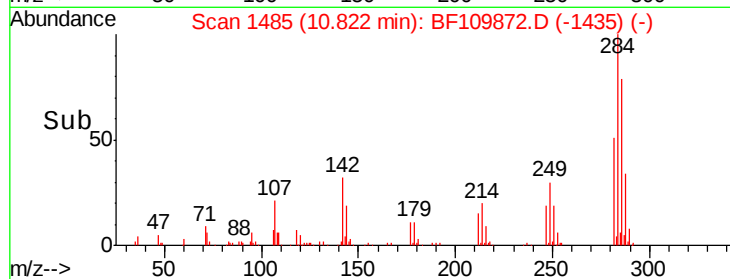
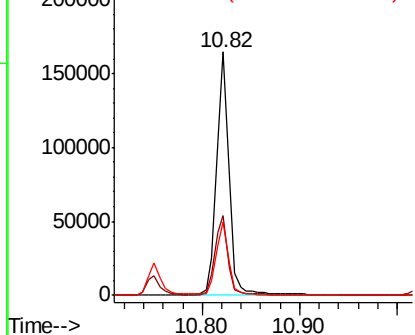
#67
Hexachlorobenzene
Concen: 47.084 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	23.9	35.9
249	30.2	24.2	36.2

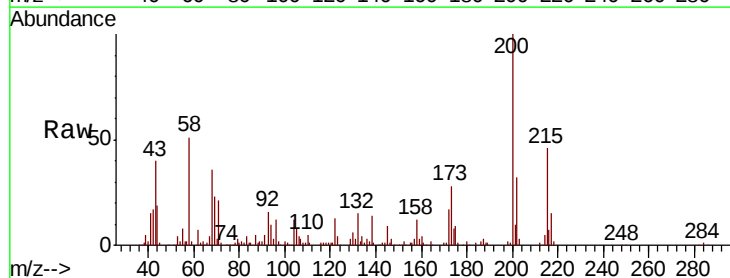


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

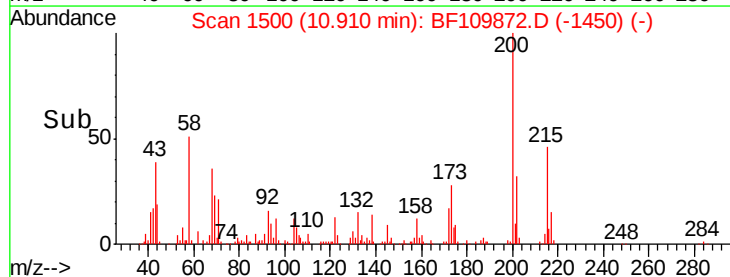
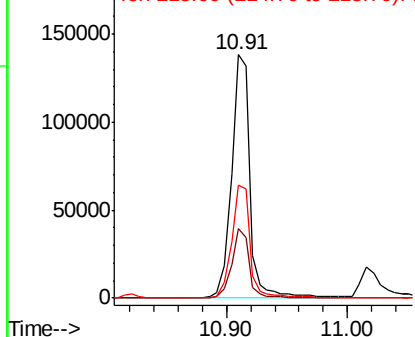


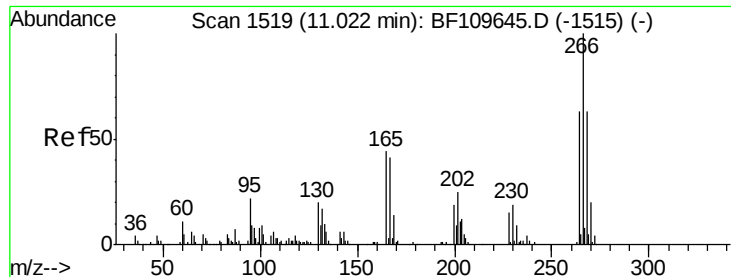
#68
Atrazine
Concen: 54.837 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.6	46.6
215	46.4	26.3	66.3



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

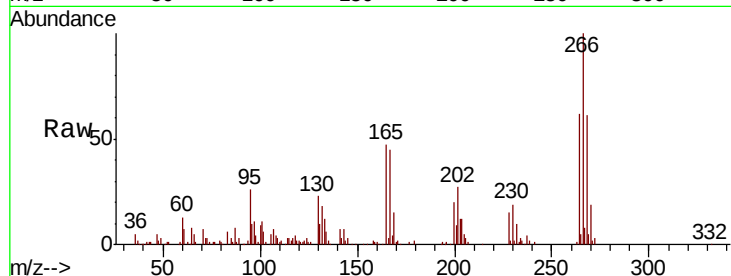




#69
 Pentachlorophenol
 Concen: 72.940 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.6	75.8
264	62.3	50.6	75.8

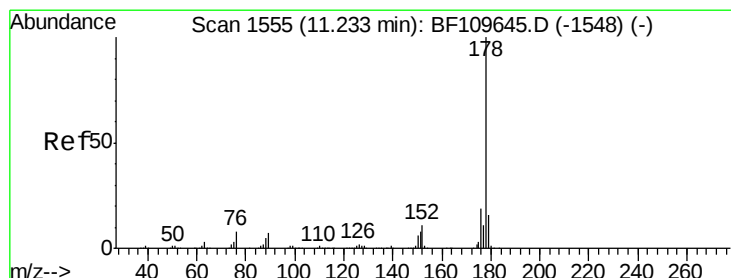
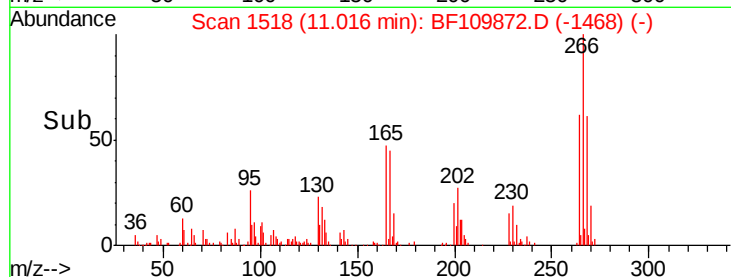
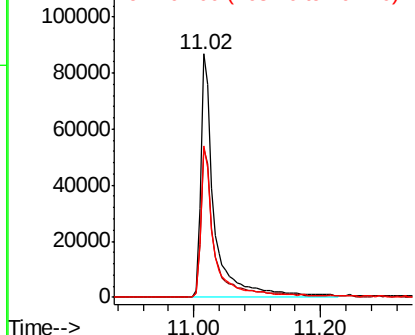


Abundance

Ion 265.70 (265.40 to 266.40): E

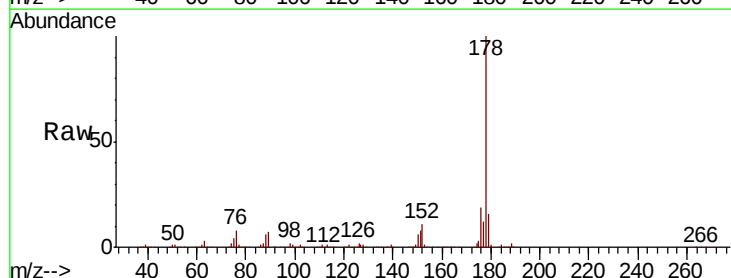
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 49.319 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.5	18.7

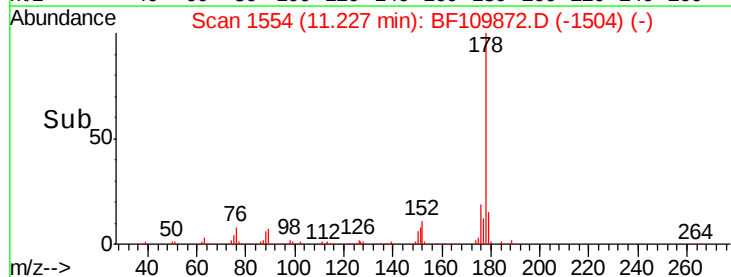
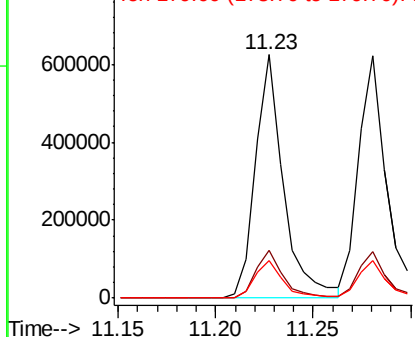


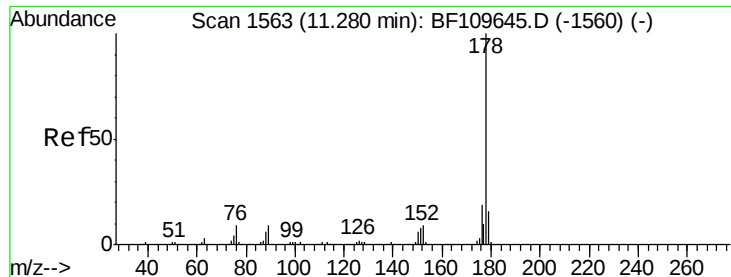
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

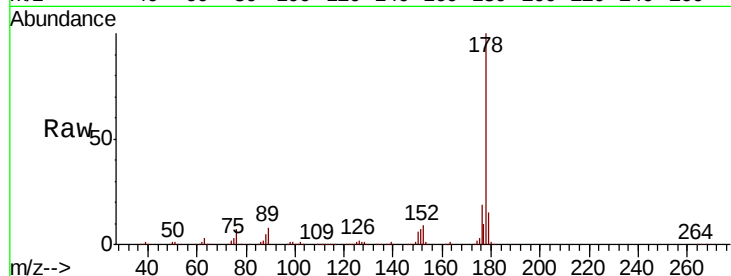




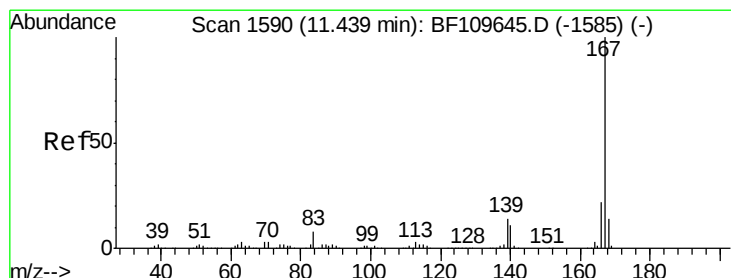
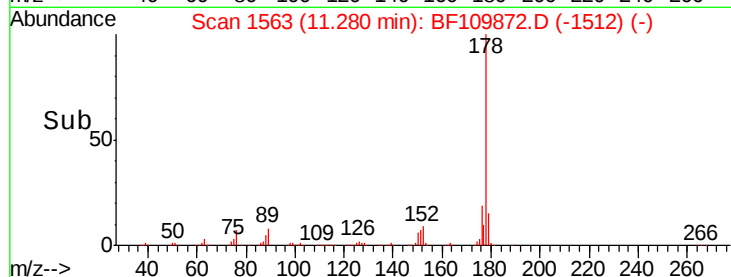
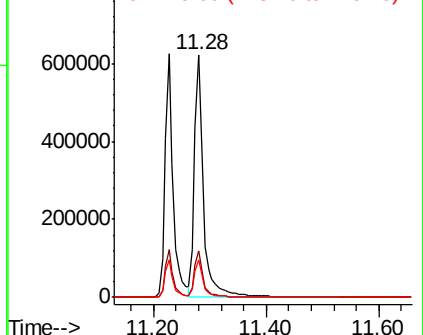
#71
 Anthracene
 Concen: 52.369 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 686036
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 18.8

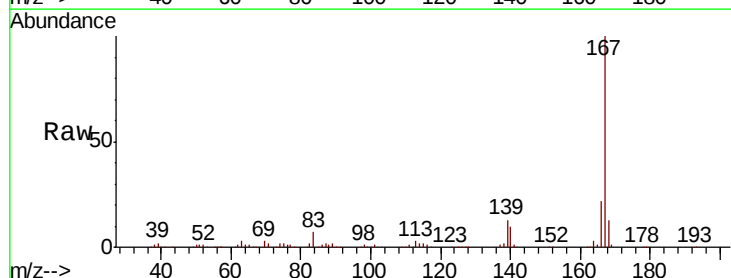


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

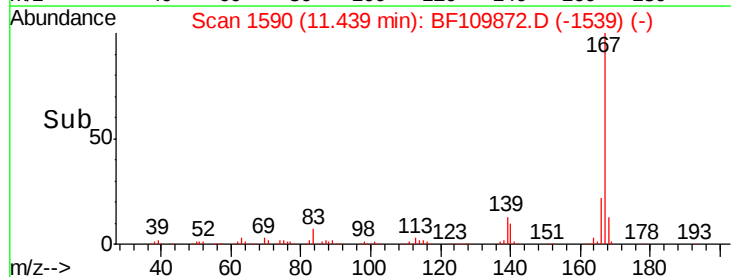
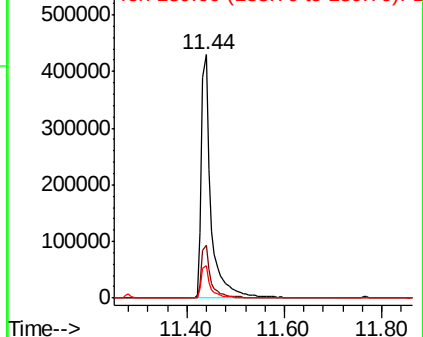


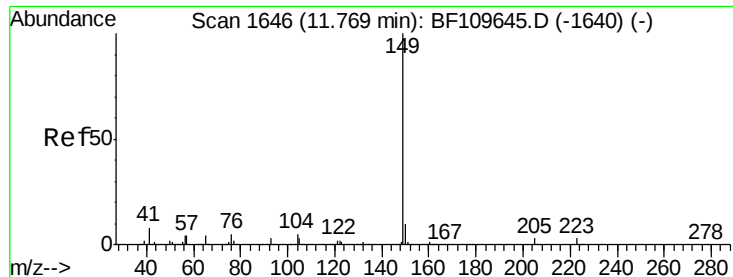
#72
 Carbazole
 Concen: 46.079 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion:167 Resp: 585460
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.161 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

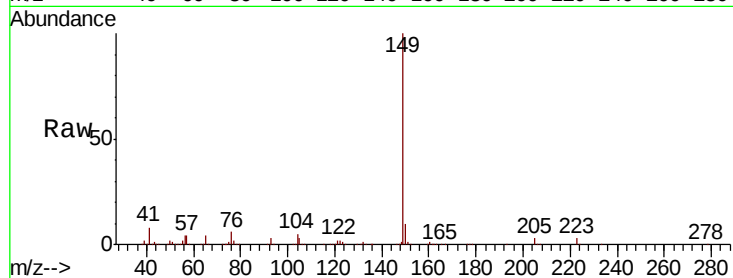
Tot Ion:149 Resp: 768658

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

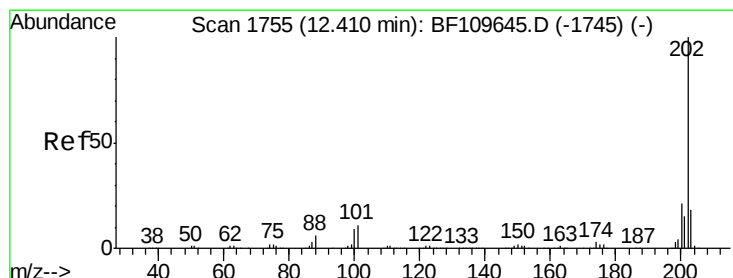
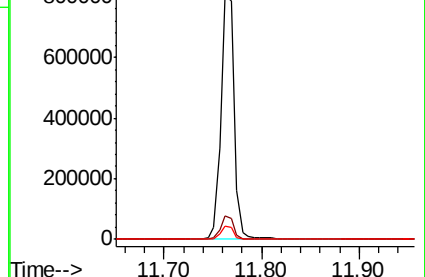
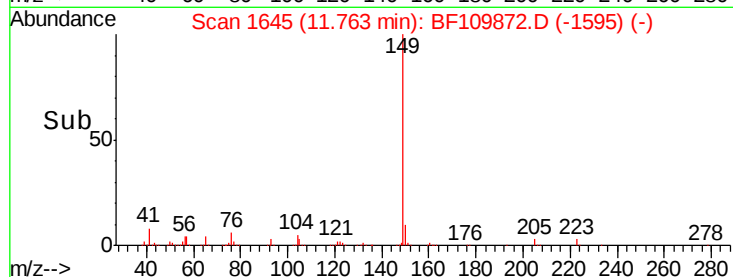
104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.936 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

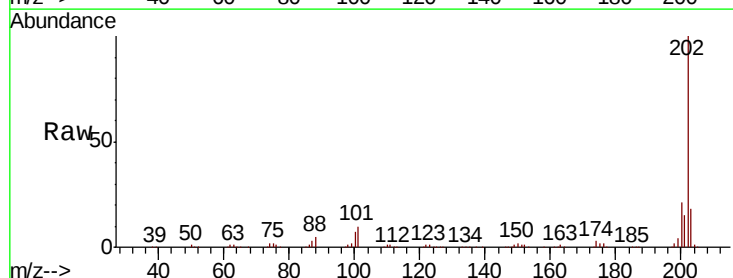
Tgt Ion:202 Resp: 608146

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

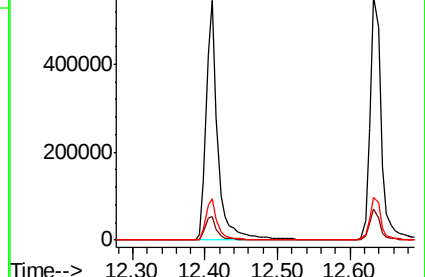
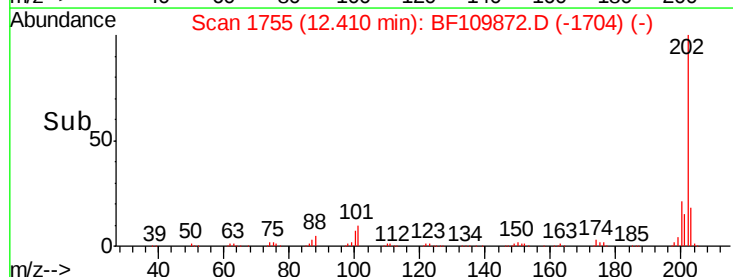
203 17.5 0.0 37.7

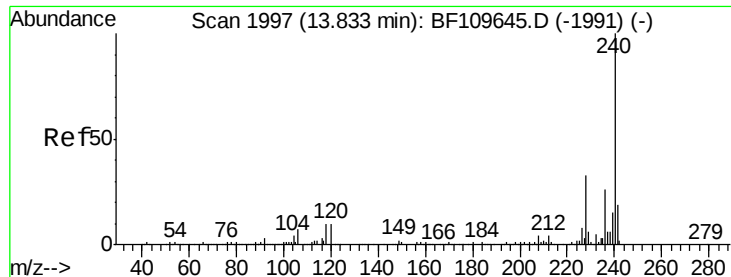


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

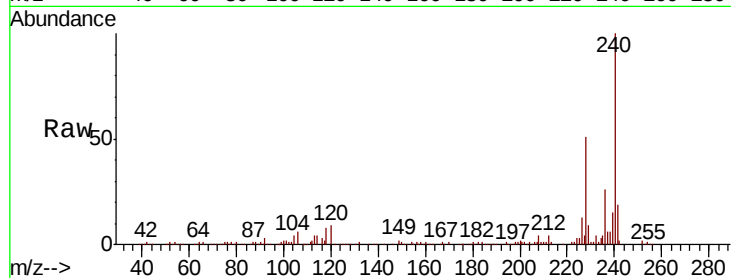
Tot Ion:240 Resp: 180311

Ion Ratio Lower Upper

240 100

120 8.8 8.3 12.5

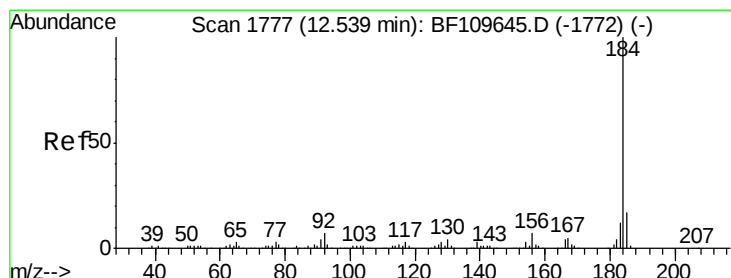
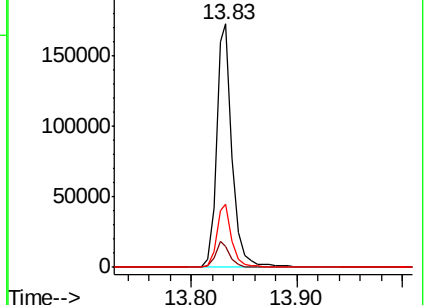
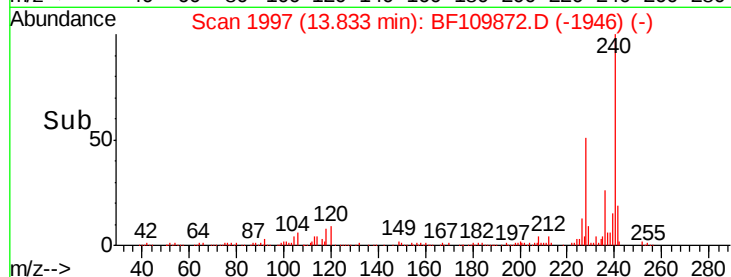
236 26.1 21.2 31.8



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: 45.140 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

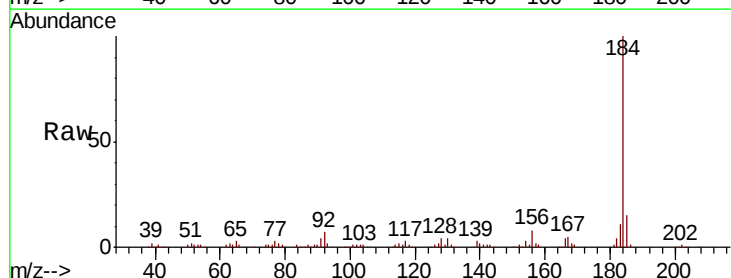
Tgt Ion:184 Resp: 302354

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

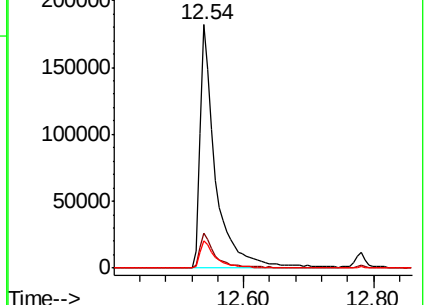
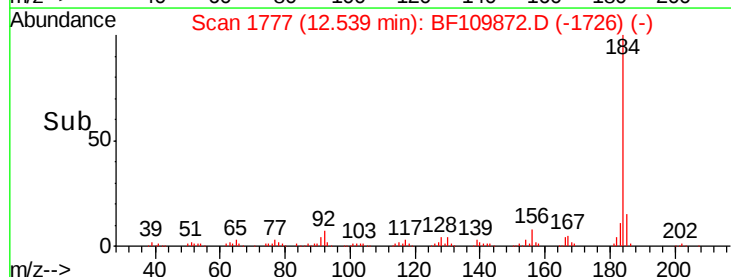
183 11.4 9.4 14.2

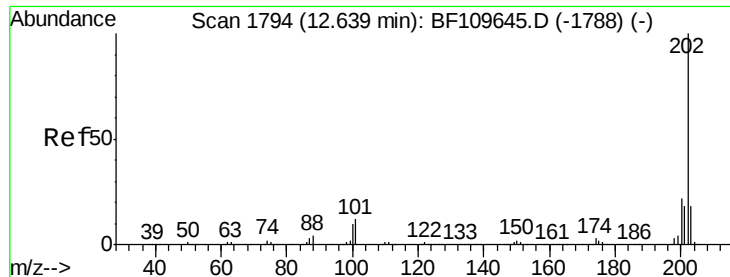


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

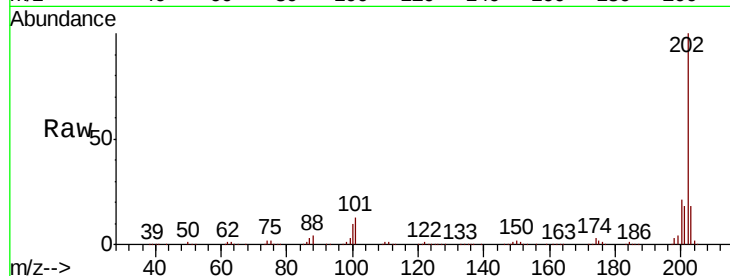




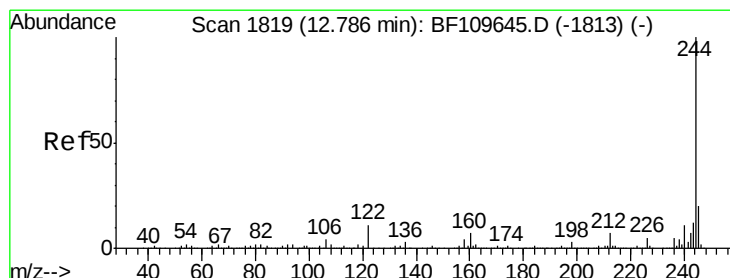
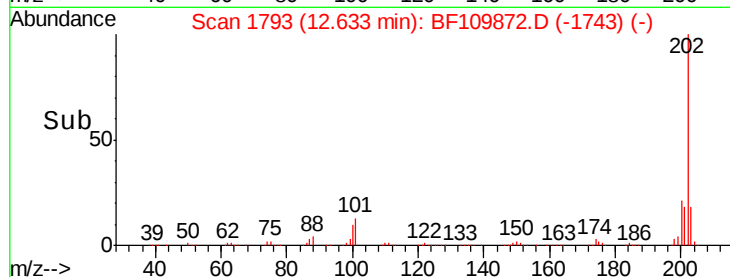
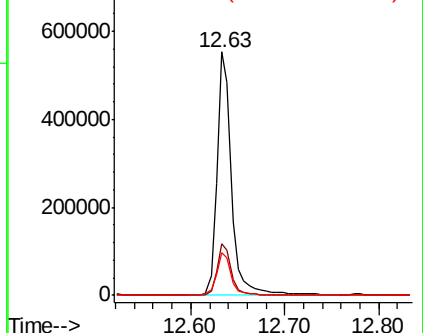
#77
Pvrene
Concen: 45.096 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 595751
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 17.5 14.2 21.4

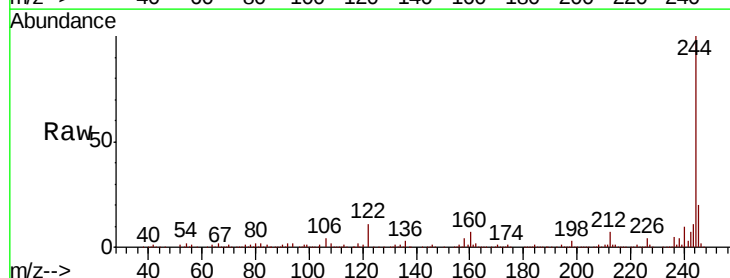


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

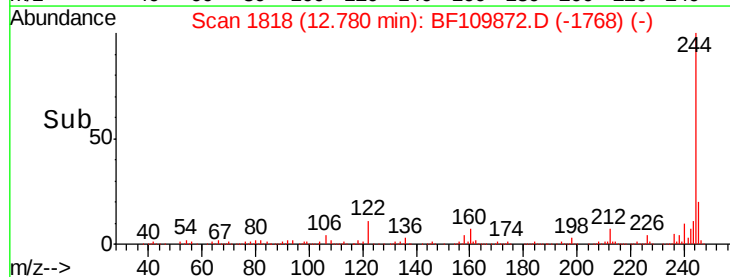
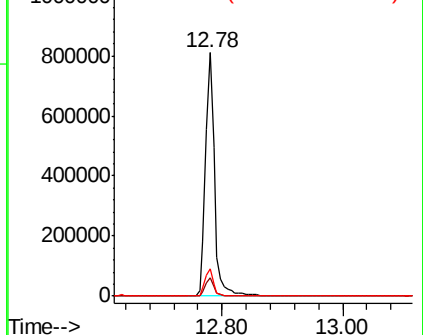


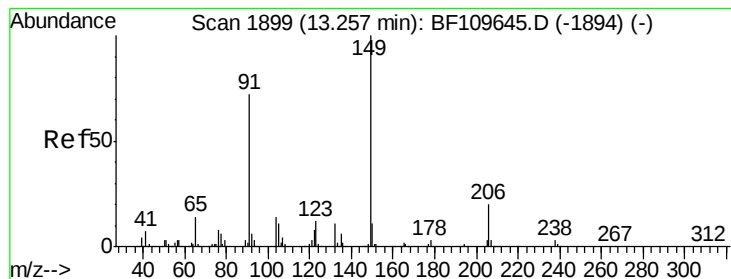
#78
Terphenyl-d14
Concen: 90.729 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109872.D
Acq: 13 Oct 2018 9:09

Tgt Ion:244 Resp: 845082
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.2 8.7 13.1



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





#79

Butylbenzylphthalate

Concen: 47.514 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

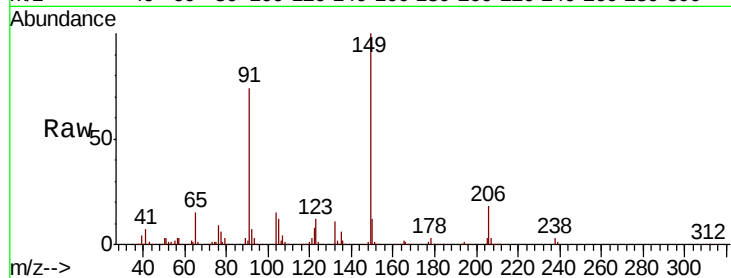
Tot Ion:149 Resp: 272141

Ion Ratio Lower Upper

149 100

91 73.6 57.2 85.8

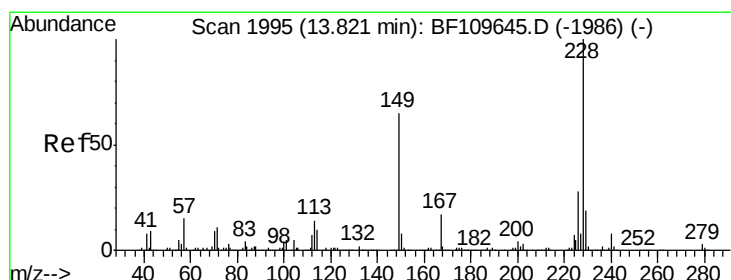
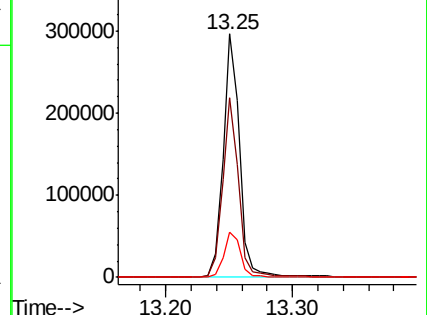
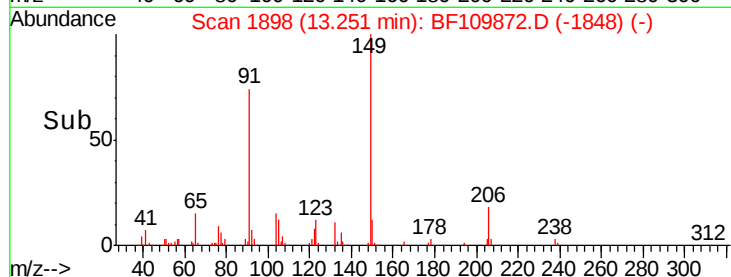
206 18.4 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.584 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

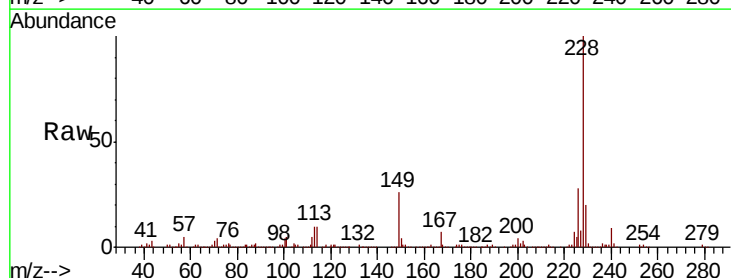
Tgt Ion:228 Resp: 493372

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

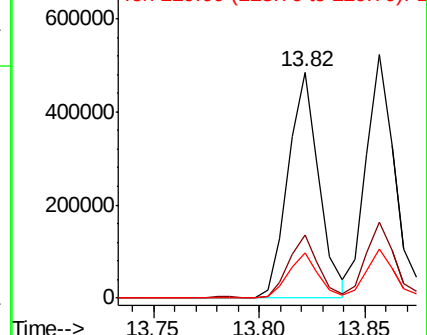
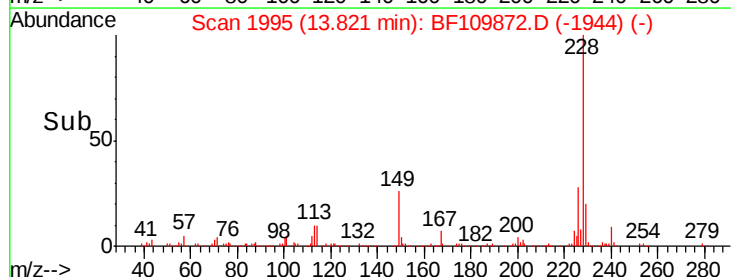
229 20.0 15.6 23.4

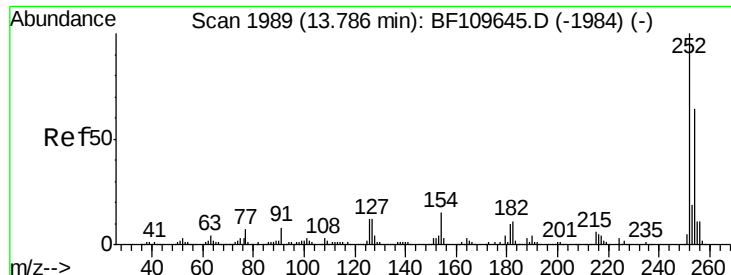


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

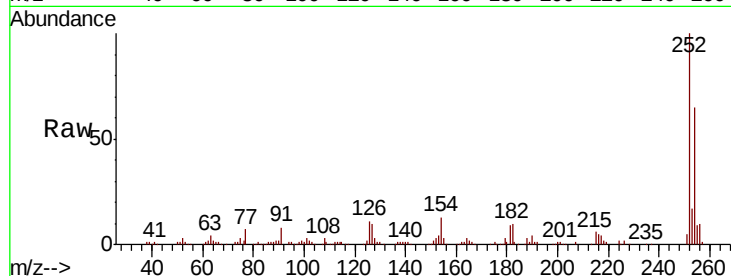




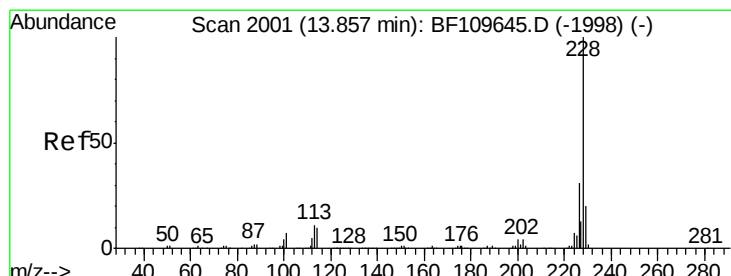
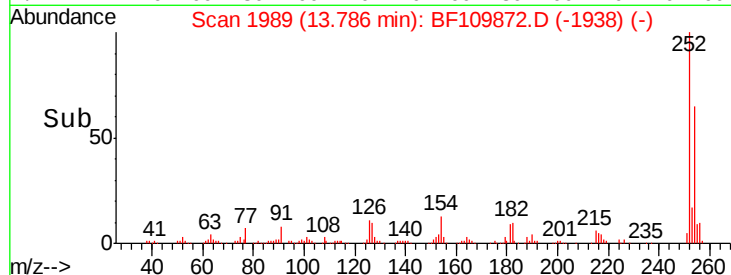
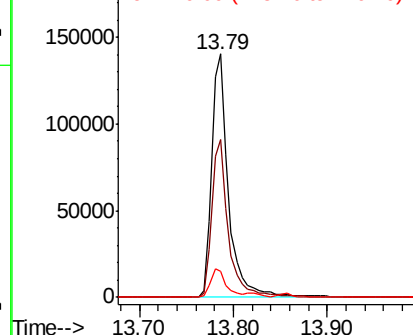
#81
 3,3'-Dichlorobenzidine
 Concen: 44.302 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.6	9.4	14.2

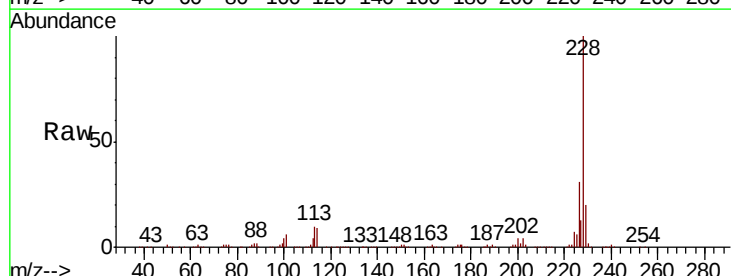


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

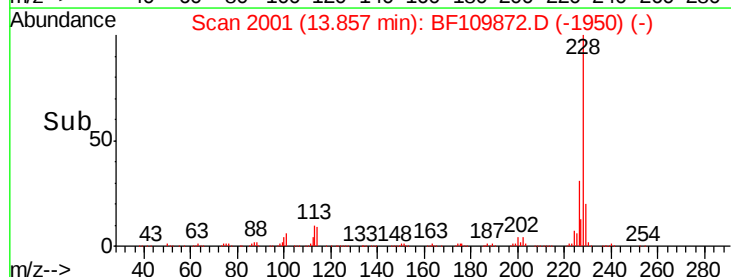
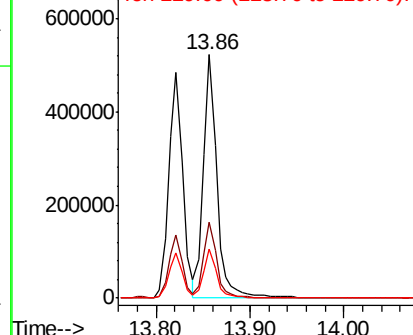


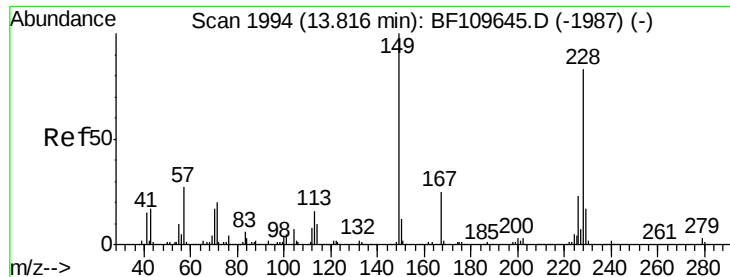
#82
 Chrysene
 Concen: 50.302 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	19.9	15.9	23.9



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

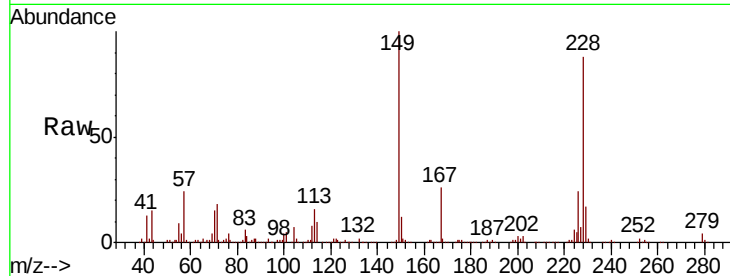




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.855 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.8	29.8
279	3.9	2.7	4.1

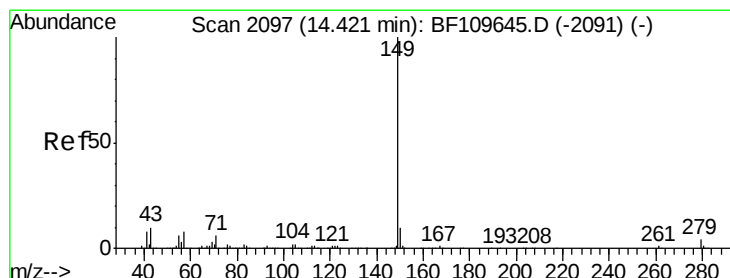
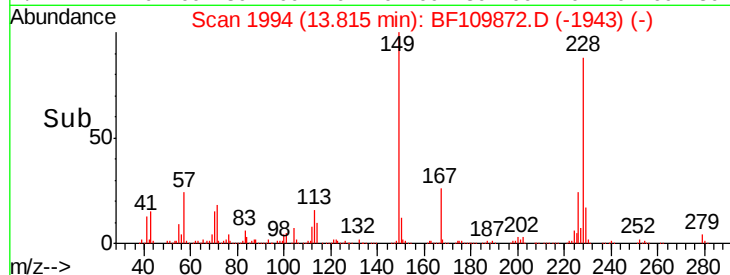
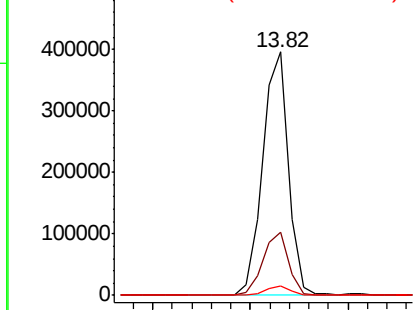


Abundance

Ion 149.00 (148.70 to 149.70): E

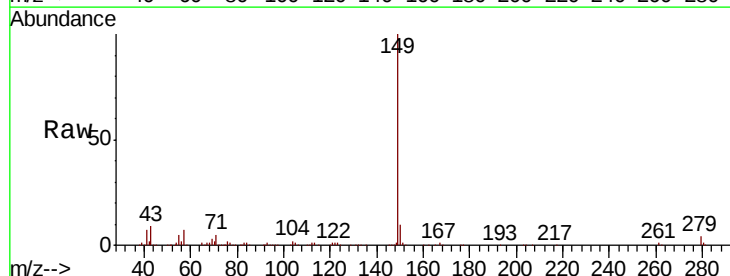
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 57.476 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.2	7.8	11.8

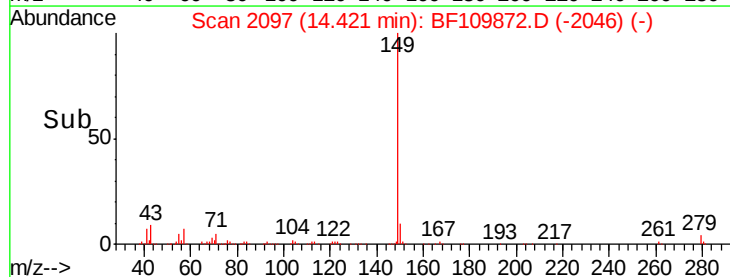
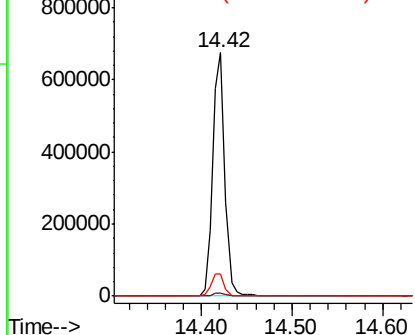


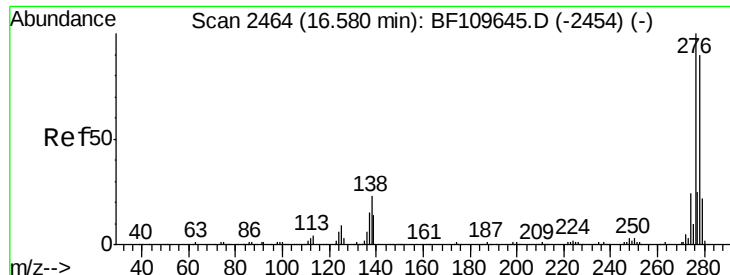
Abundance

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): BF1

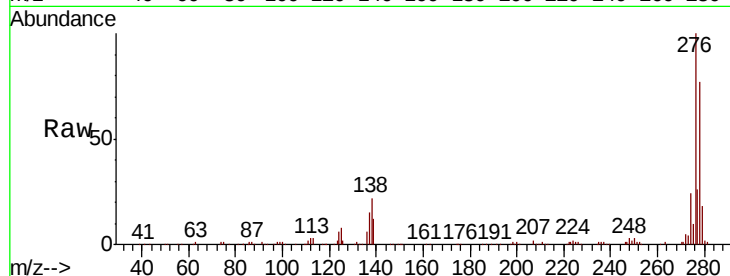




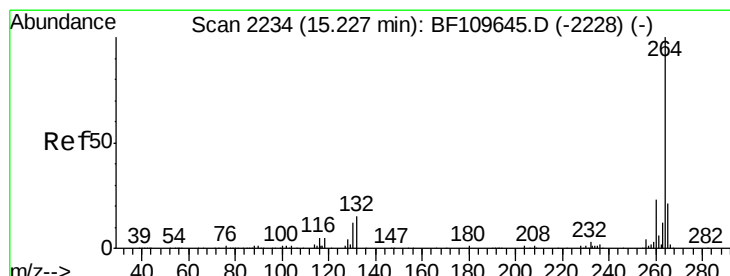
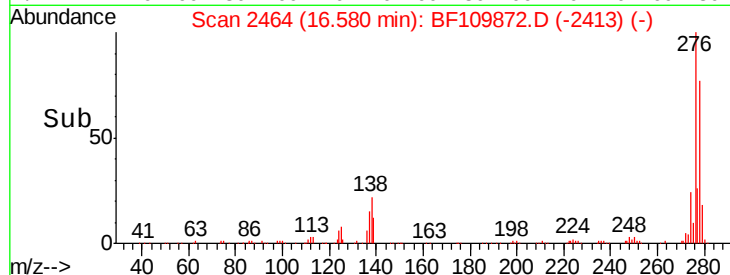
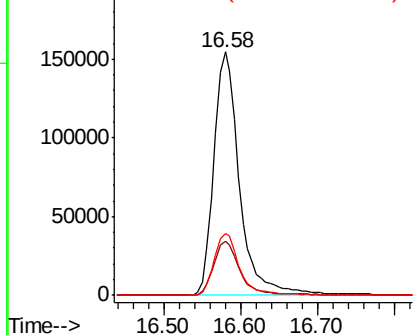
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.470 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	25.2	20.0	30.0

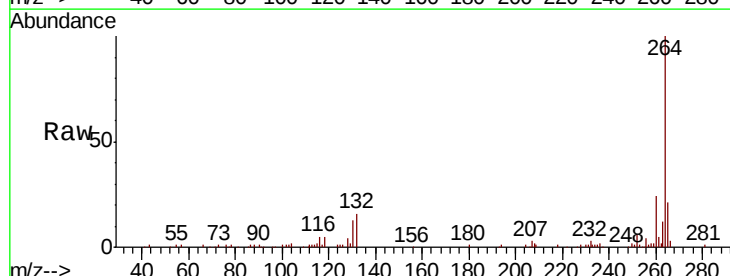


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

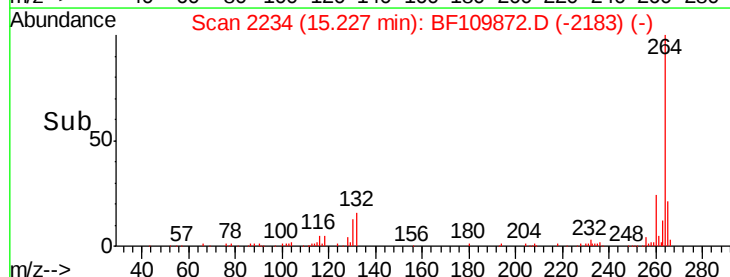
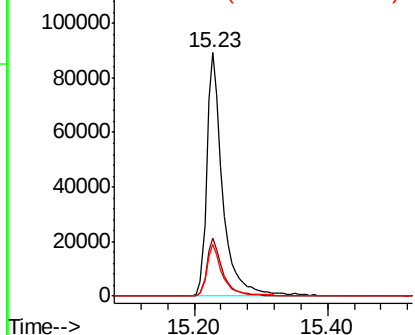


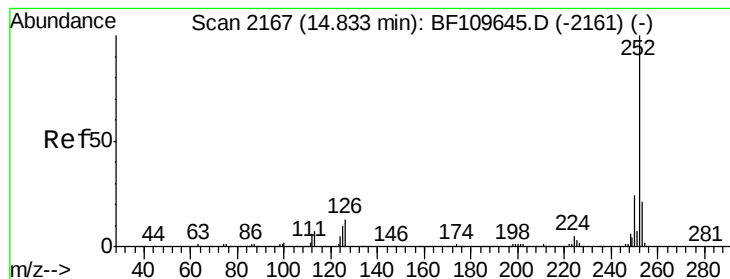
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109872.D
 Acq: 13 Oct 2018 9:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.0	16.7	25.1



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: 53.553 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampled :

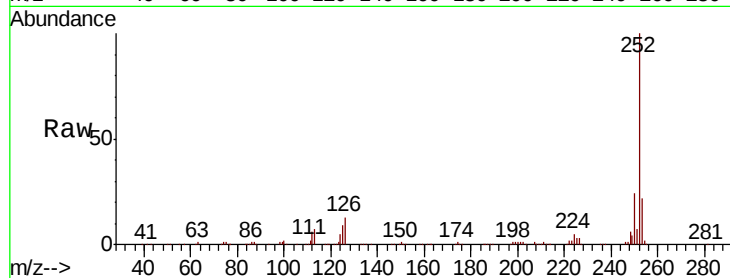
Tot Ion:252 Resp: 437793

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

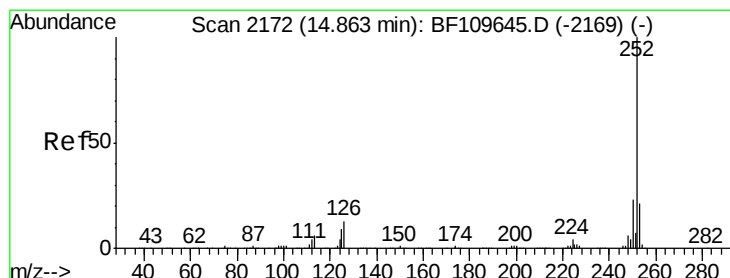
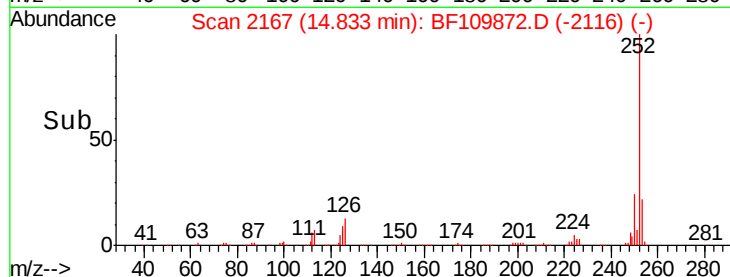
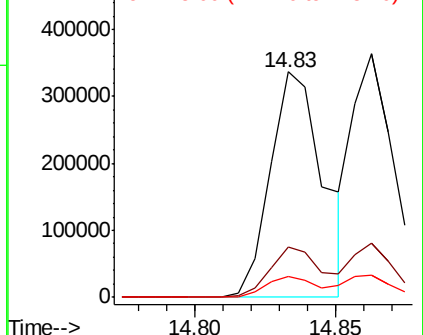
125 9.4 8.2 12.4



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: 51.116 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

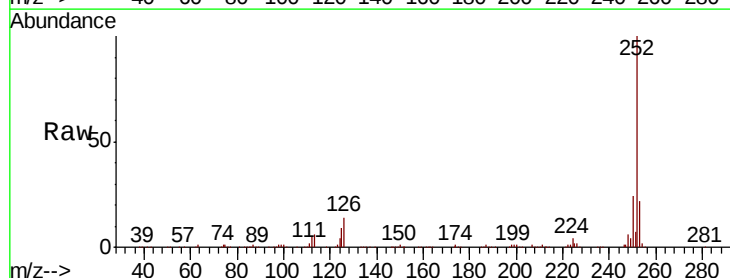
Tgt Ion:252 Resp: 419859

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

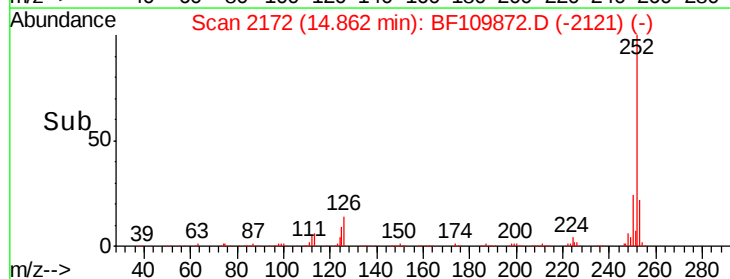
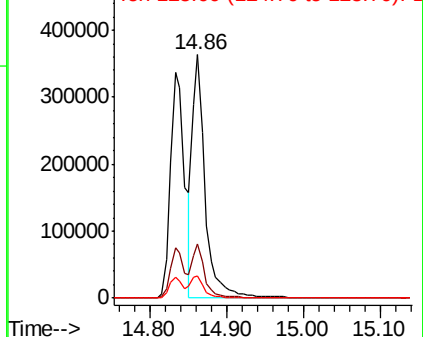
125 8.9 7.4 11.0

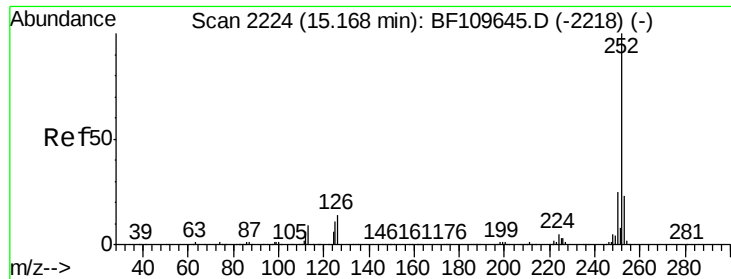


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.246 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

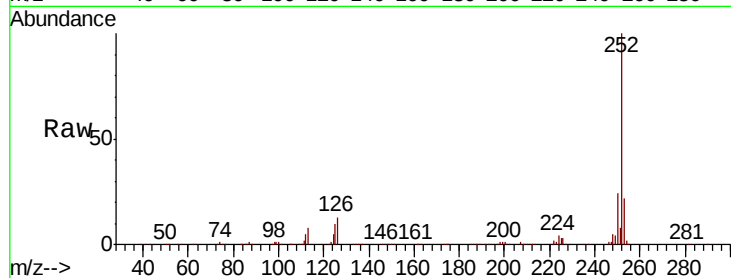
Tot Ion:252 Resp: 387592

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

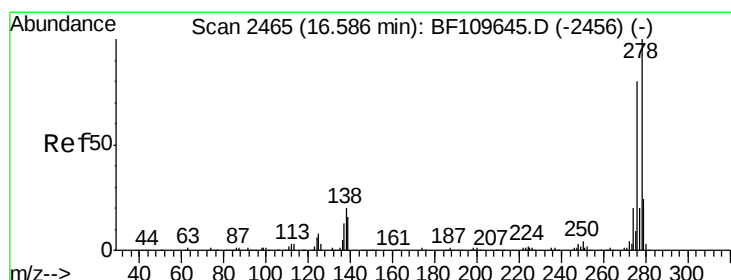
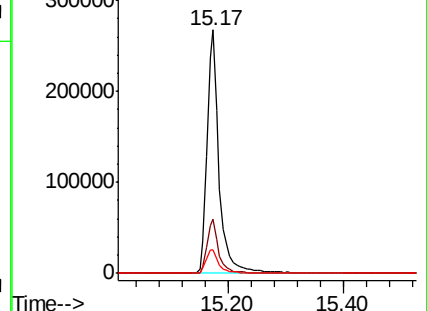
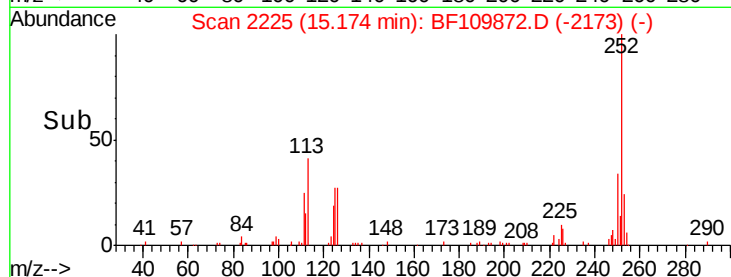
125 9.7 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 49.152 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

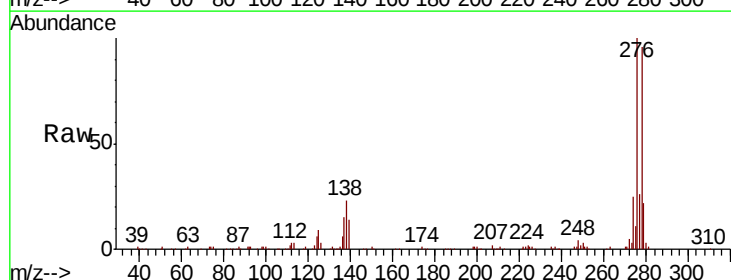
Tgt Ion:278 Resp: 299468

Ion Ratio Lower Upper

278 100

139 14.9 12.7 19.1

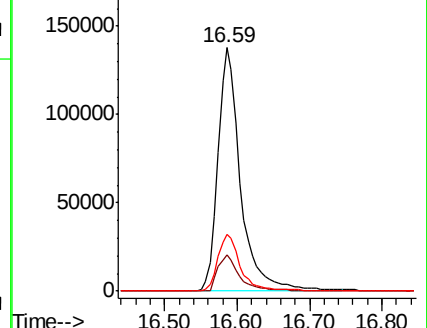
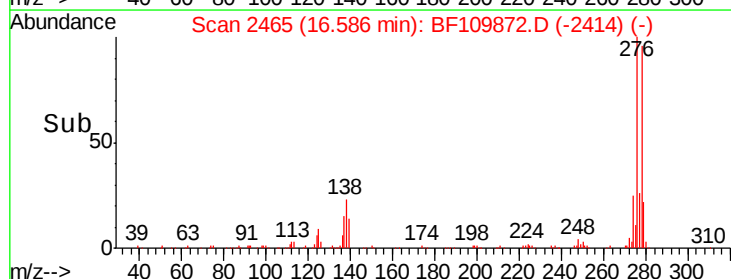
279 23.1 19.0 28.4

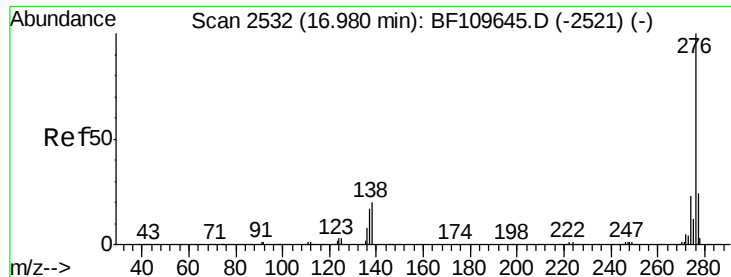


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.700 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109872.D

Acq: 13 Oct 2018 9:09

Instrument :

BNA_F

ClientSampleId :

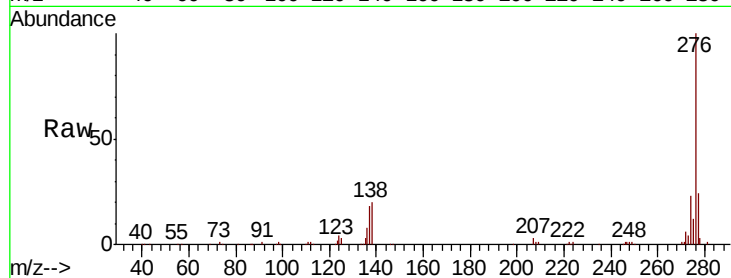
Tot Ion:276 Resp: 290210

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 20.1 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

