

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109328.D
 Acq On : 26 Sep 2018 10:26
 Operator : JU/SJ
 Sample : PB113191BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 11:47:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119589	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450150	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202034	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	326443	20.00	ng	0.00
75) Chrysene-d12	13.84	240	239722	20.00	ng	0.00
86) Perylene-d12	15.24	264	187720	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	497937	68.58	ng	0.00
7) Phenol-d6	6.35	99	637984	68.86	ng	-0.01
23) Nitrobenzene-d5	7.27	82	572578	75.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	129881	65.21	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1005208	75.04	ng	0.00
78) Terphenyl-d14	12.80	244	808197	82.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	97126	29.045	ng	94
3) Pyridine	3.14	79	277114	32.198	ng	90
4) n-Nitrosodimethylamine	3.08	42	130529	35.638	ng	# 98
6) Aniline	6.37	93	241301	20.357	ng	99
8) 2-Chlorophenol	6.49	128	276410	34.234	ng	97
9) Benzaldehyde	6.25	77	160657	26.993	ng	98
10) Phenol	6.36	94	338023	32.217	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	259342	31.588	ng	95
12) 1,3-Dichlorobenzene	6.65	146	298642	32.125	ng	99
13) 1,4-Dichlorobenzene	6.73	146	297755	31.793	ng	97
14) 1,2-Dichlorobenzene	6.88	146	278081	32.187	ng	98
15) Benzyl Alcohol	6.85	79	232071	32.724	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	363193	31.188	ng	94
17) 2-Methylphenol	6.97	107	217529	33.297	ng	96
18) Hexachloroethane	7.22	117	95488	28.940	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	188210	31.002	ng	97
20) 3+4-Methylphenols	7.12	107	268876	34.088	ng	# 73
22) Acetophenone	7.12	105	372349	35.777	ng	# 95
24) Nitrobenzene	7.29	77	286867	35.381	ng	97
25) Isophorone	7.53	82	518838	37.784	ng	99
26) 2-Nitrophenol	7.60	139	128874	40.192	ng	96
27) 2,4-Dimethylphenol	7.65	122	241076	40.292	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	323178	35.554	ng	99
29) 2,4-Dichlorophenol	7.85	162	223857	35.610	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	235868	33.578	ng	98
31) Naphthalene	8.01	128	764728	36.354	ng	99
32) Benzoic acid	7.77	122	133580	34.998	ng	100
33) 4-Chloroaniline	8.06	127	107724	11.723	ng	97
34) Hexachlorobutadiene	8.14	225	139393	32.917	ng	100
35) Caprolactam	8.43	113	71972	35.860	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	229829	34.743	ng	99
37) 2-Methylnaphthalene	8.70	142	508303	37.484	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	233118	36.256	ng	98
40) Hexachlorocyclopentadiene	8.86	237	53616	19.118	ng	96

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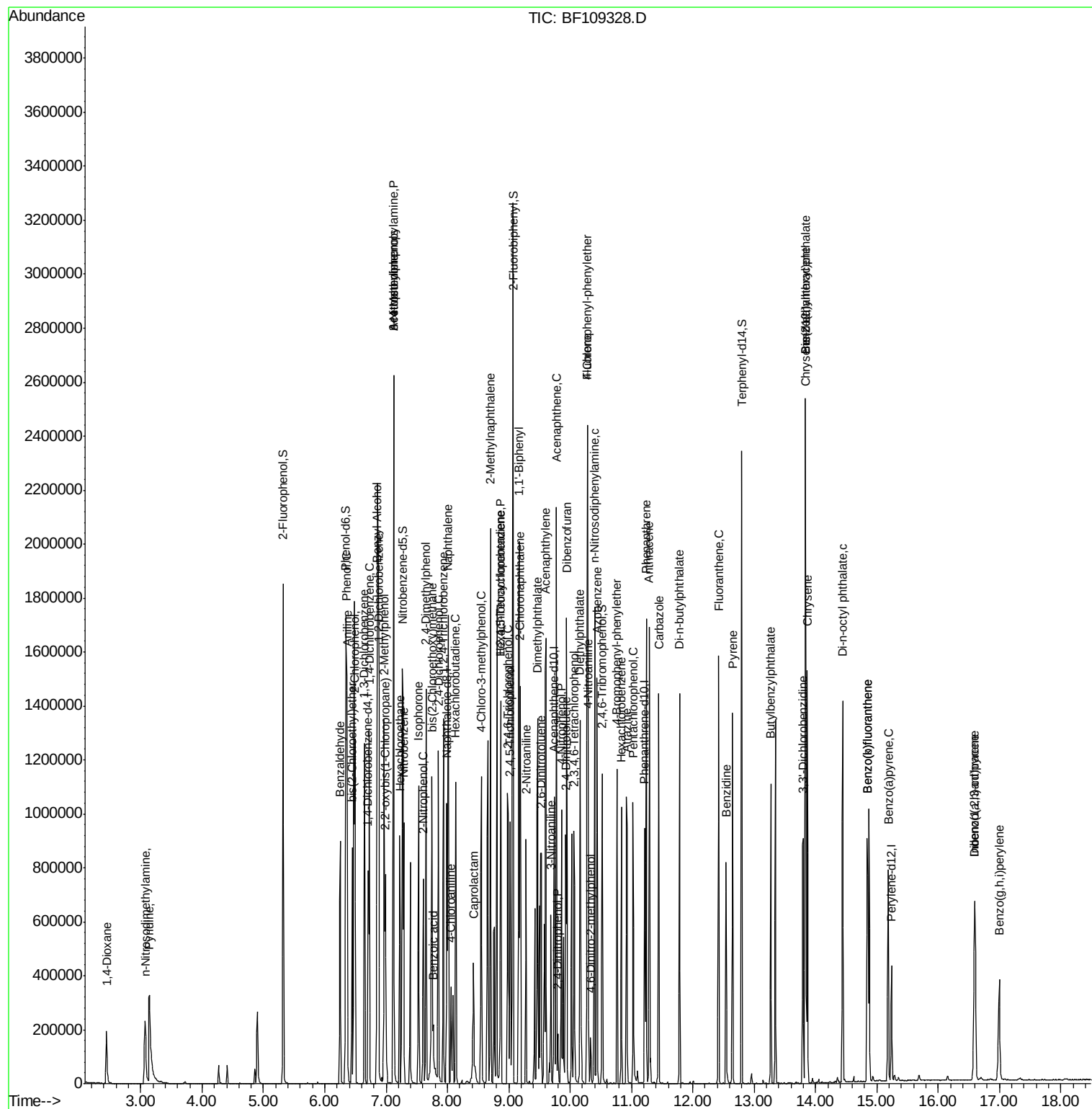
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	149288	36.176	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	158736	36.421	nq	96
45) 1,1'-Biphenyl	9.17	154	607705	36.918	nq	97
46) 2-Chloronaphthalene	9.19	162	457956	34.825	nq	96
47) 2-Nitroaniline	9.28	65	139813	37.500	nq	93
48) Acenaphthylene	9.60	152	719444	36.265	nq	99
49) Dimethylphthalate	9.47	163	530111	36.075	nq	99
50) 2,6-Dinitrotoluene	9.53	165	111427	38.287	nq	93
51) Acenaphthene	9.77	154	404432	33.719	nq	99
52) 3-Nitroaniline	9.69	138	88054	26.126	nq	92
53) 2,4-Dinitrophenol	9.80	184	21242	26.898	nq #	19
54) Dibenzofuran	9.95	168	602590	33.782	nq	99
55) 4-Nitrophenol	9.86	139	153038	60.276	nq	95
56) 2,4-Dinitrotoluene	9.93	165	136049	36.946	nq #	98
57) Fluorene	10.29	166	437311	34.361	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	121105	35.094	nq #	87
59) Diethylphthalate	10.16	149	513786	34.527	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	217222	32.677	nq	94
61) 4-Nitroaniline	10.30	138	99636	30.313	nq	98
62) Azobenzene	10.44	77	494194	31.965	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	19012	19.094	nq	88
65) n-Nitrosodiphenylamine	10.40	169	417339	38.694	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	138134	38.106	nq	94
67) Hexachlorobenzene	10.84	284	136103	35.352	nq #	84
68) Atrazine	10.93	200	134473	40.539	nq	97
69) Pentachlorophenol	11.03	266	125213	54.340	nq	98
70) Phenanthrene	11.24	178	595291	36.523	nq	100
71) Anthracene	11.29	178	604506	36.566	nq	99
72) Carbazole	11.45	167	526206	31.992	nq	100
73) Di-n-butylphthalate	11.79	149	709764	37.483	nq	98
74) Fluoranthene	12.42	202	594409	34.125	nq	96
76) Benzidine	12.55	184	322919	37.361	nq	98
77) Pyrene	12.65	202	600434	34.949	nq	98
79) Butylbenzylphthalate	13.27	149	267377	36.580	nq #	95
80) Benzo(a)anthracene	13.83	228	517626	35.849	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	200510	36.539	nq #	96
82) Chrysene	13.87	228	500676	34.984	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	339759	36.857	nq	99
84) Di-n-octyl phthalate	14.44	149	615250	39.035	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	349642	30.141	nq #	93
87) Benzo(b)fluoranthene	14.84	252	428834	41.574	nq	99
88) Benzo(k)fluoranthene	14.84	252	428834	43.811	nq	98
89) Benzo(a)pyrene	15.19	252	346109	37.237	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	291928	38.284	nq #	96
91) Benzo(g,h,i)perylene	17.00	276	290552	38.770	nq #	91

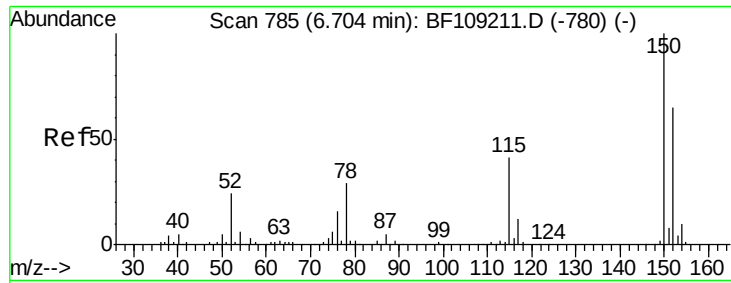
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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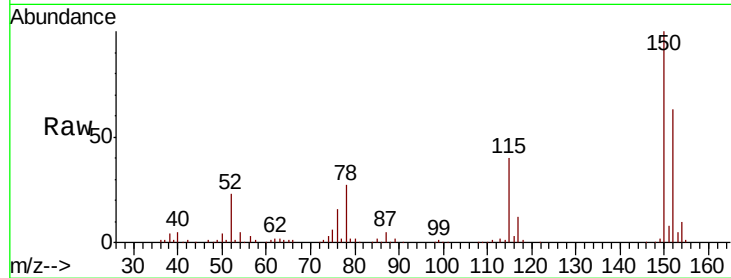


#1

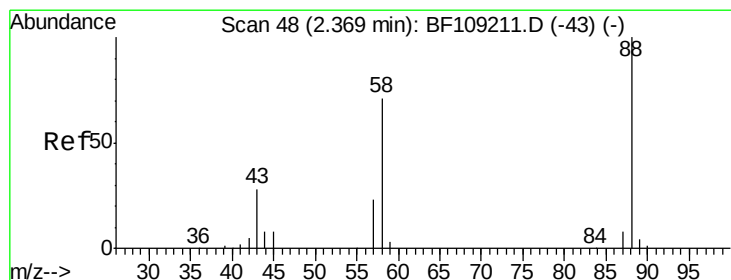
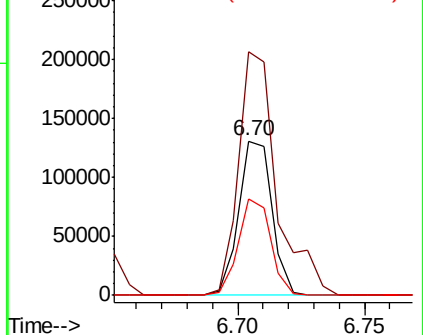
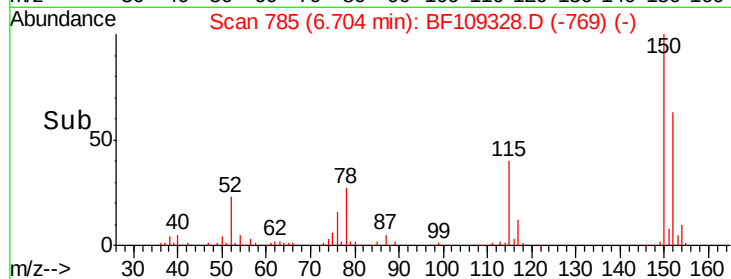
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119589
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 62.6 50.1 75.1



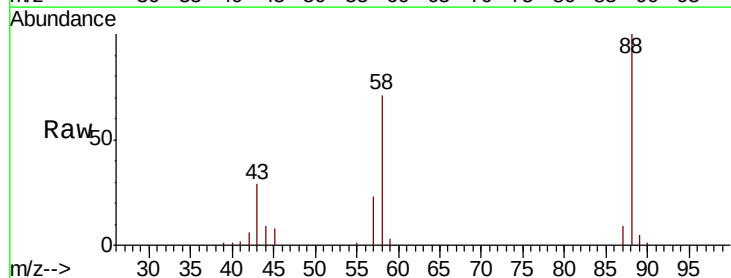
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



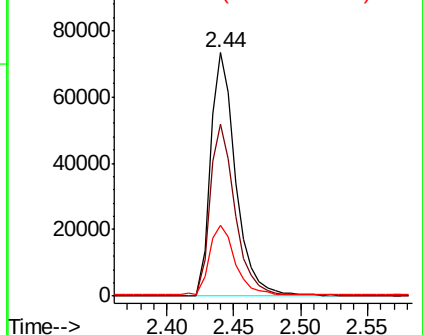
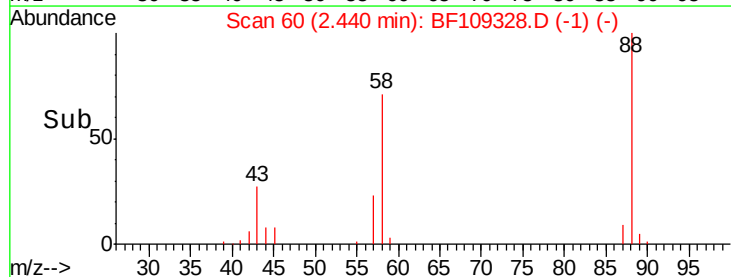
#2

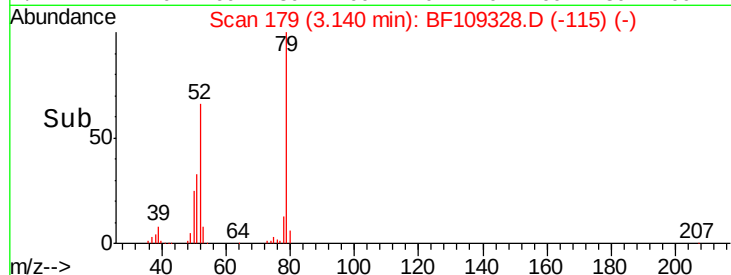
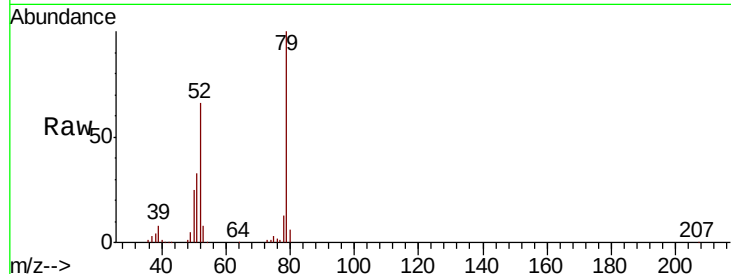
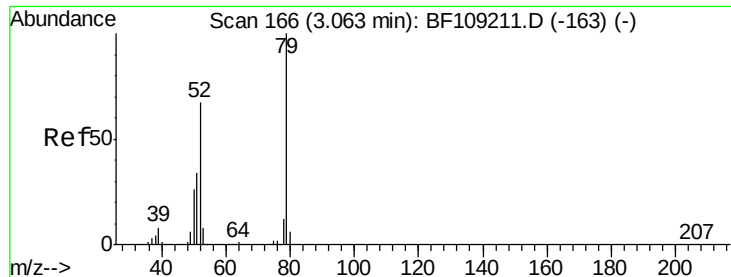
1,4-Dioxane
Concen: 29.045 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.07 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion: 88 Resp: 97126
Ion Ratio Lower Upper
88 100
58 71.1 62.6 93.8
43 29.6 24.6 37.0



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

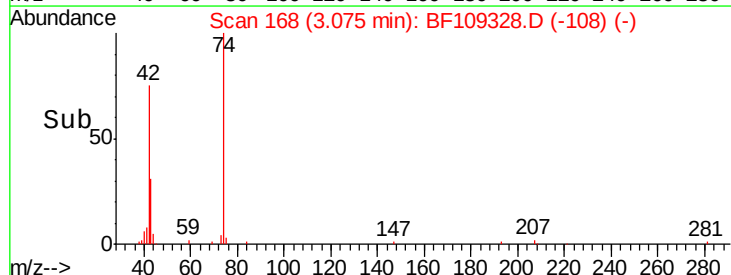
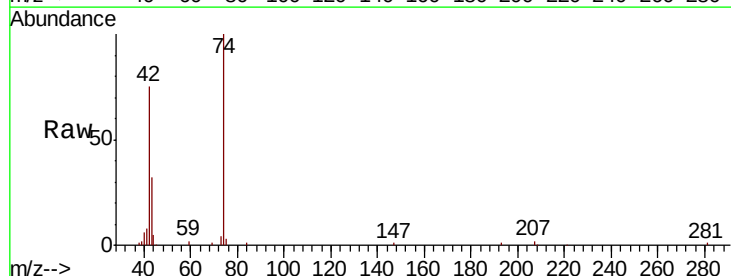
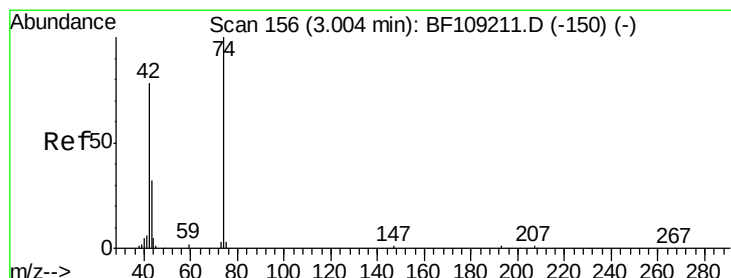
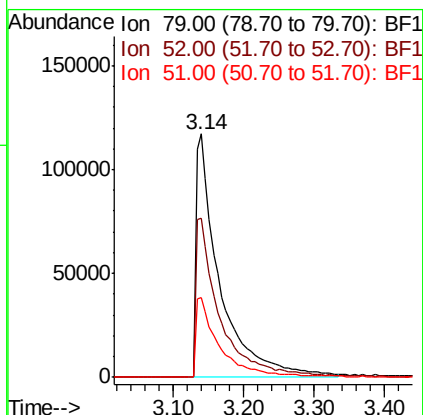




#3
 Pvridine
 Concen: 32.198 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.08 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

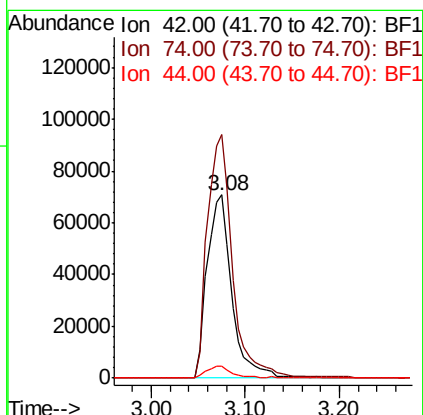
Instrument :
 BNA_F
 ClientSampleId :

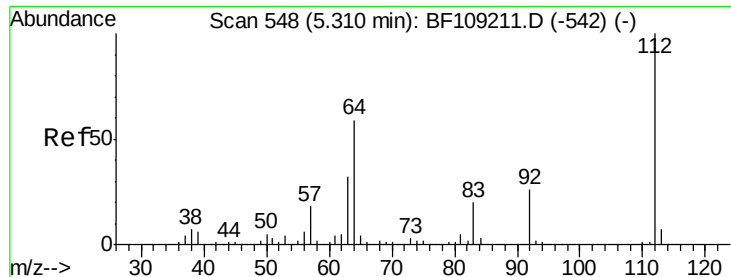
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	32.6	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.638 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.05 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.8	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 68.580 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

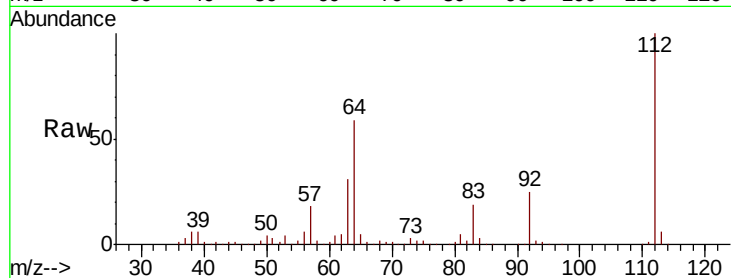
Tot Ion:112 Resp: 497937

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

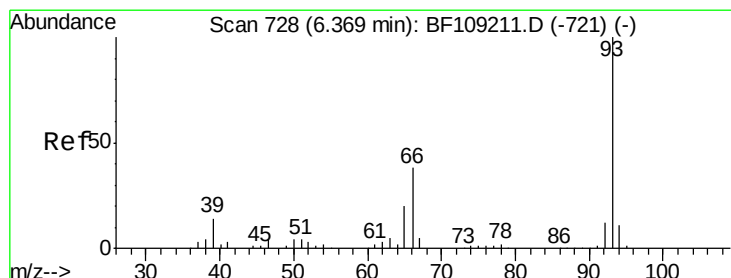
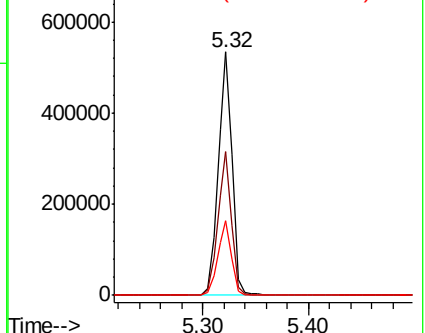
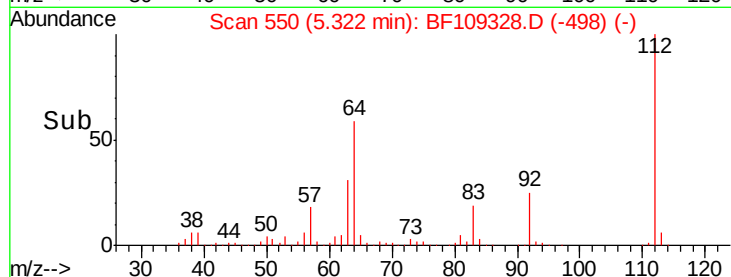
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.357 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

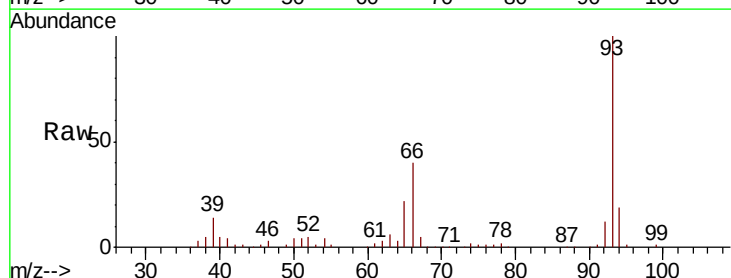
Tgt Ion: 93 Resp: 241301

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

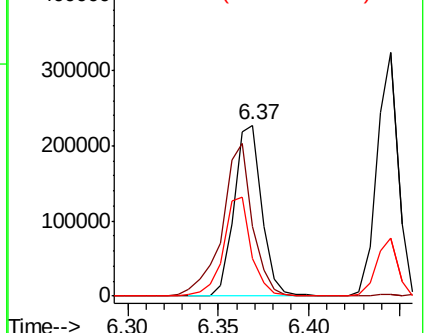
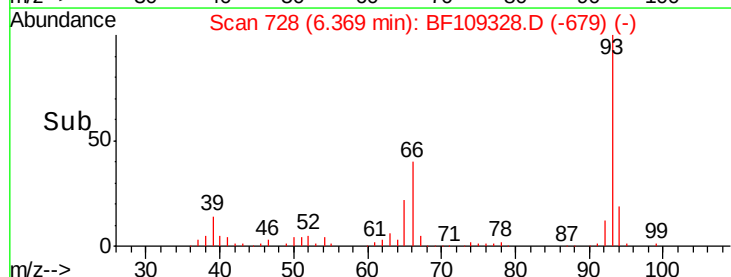
65 21.7 16.4 24.6

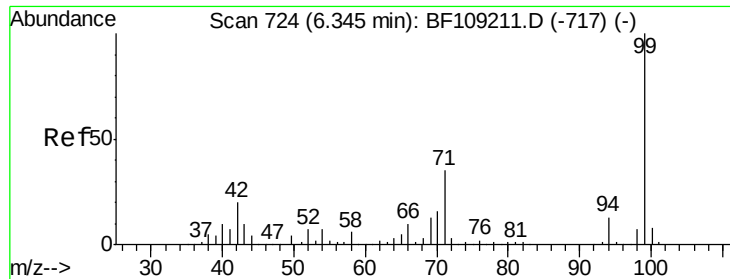


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.860 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

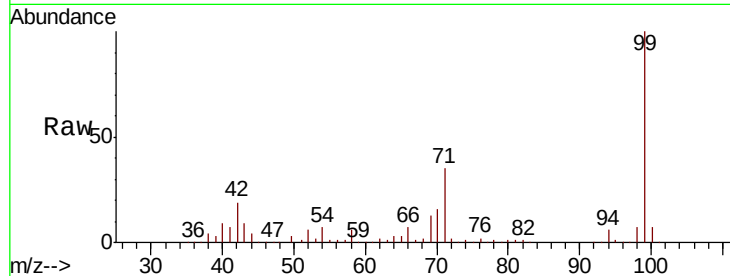
Tot Ion: 99 Resp: 637984

Ion Ratio Lower Upper

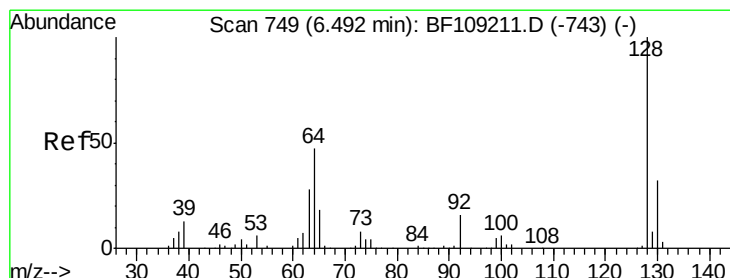
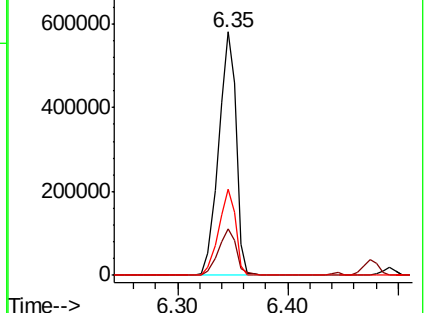
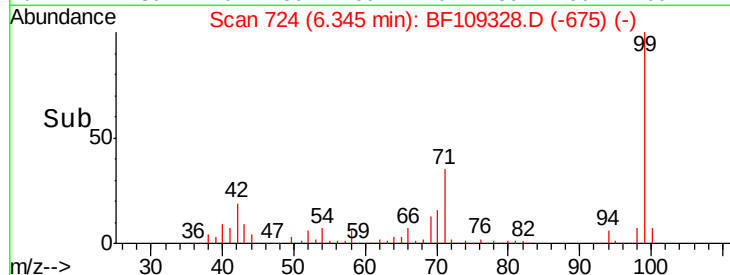
99 100

42 19.3 14.5 21.7

71 35.2 25.4 38.0



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: 34.234 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

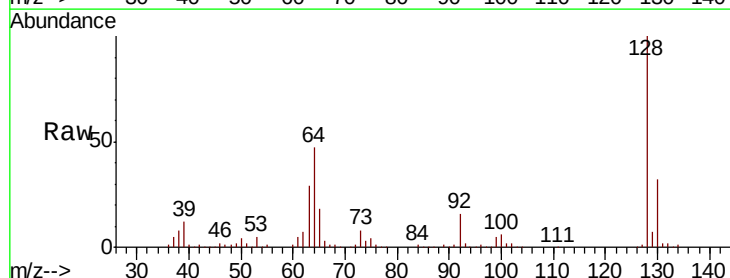
Tgt Ion: 128 Resp: 276410

Ion Ratio Lower Upper

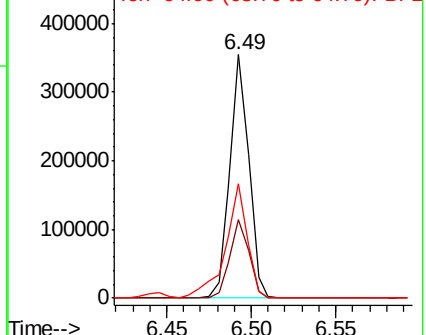
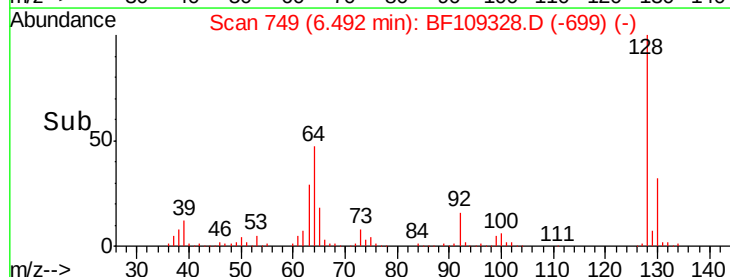
128 100

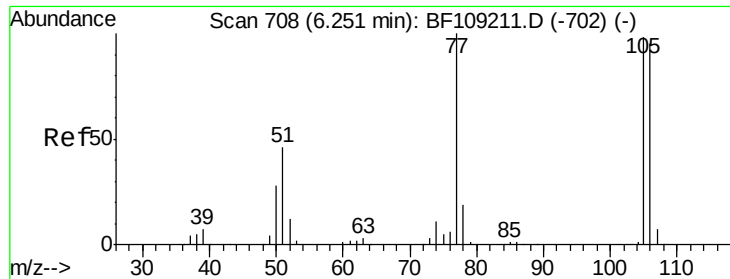
130 32.1 13.0 53.0

64 46.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

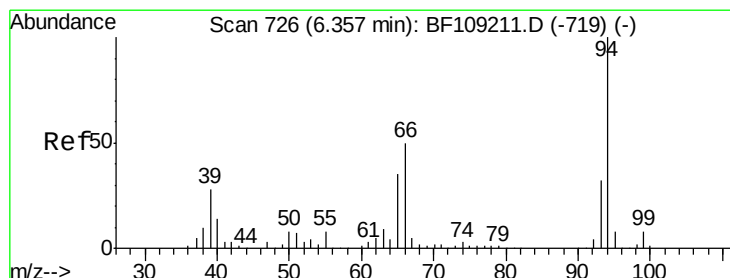
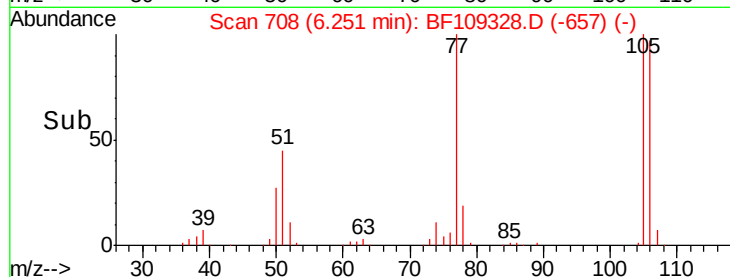
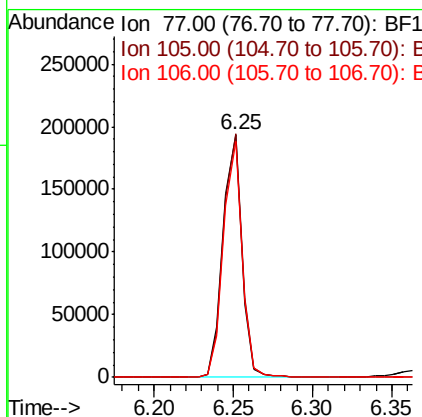
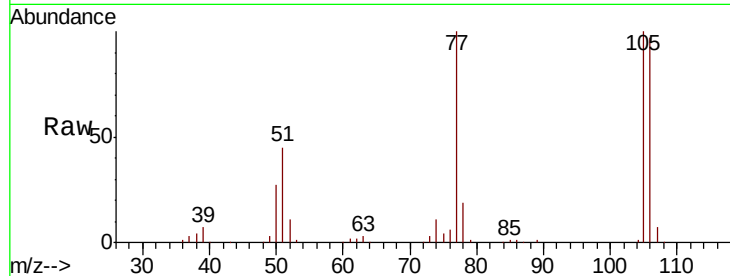




#9
Benzaldehyde
Concen: 26.993 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

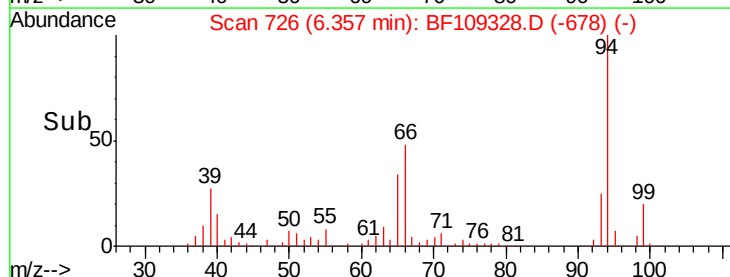
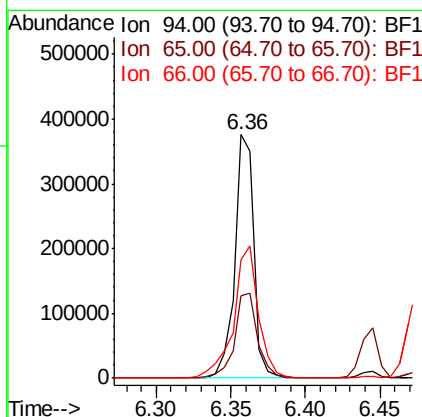
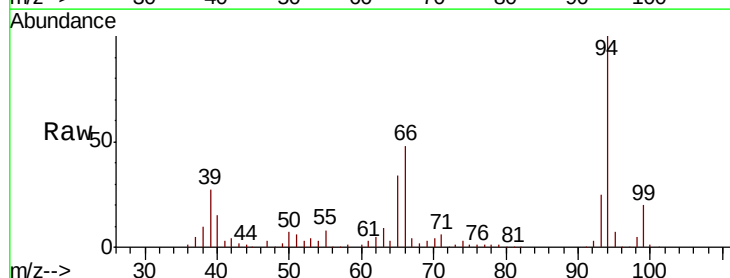
Instrument :
BNA_F
ClientSampleId :

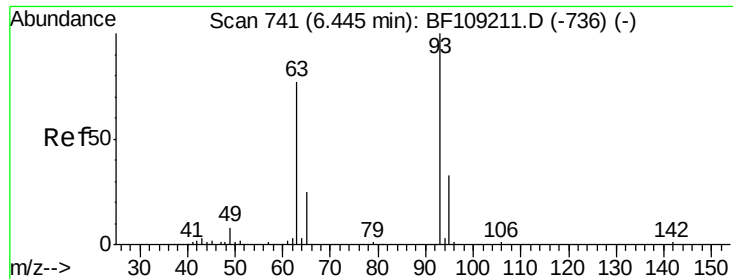
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.1	121.1
106	97.3	74.5	114.5



#10
Phenol
Concen: 32.217 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.9	47.9
66	48.3	16.2	56.2

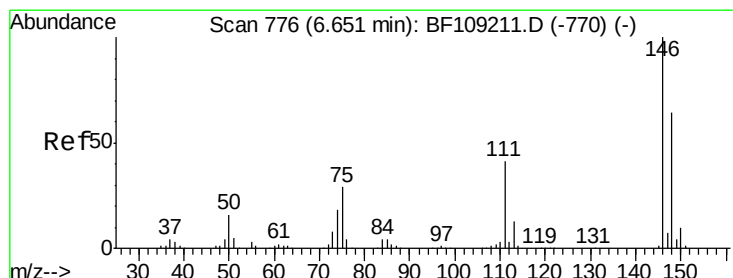
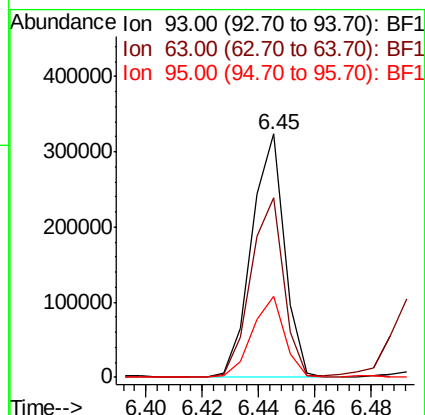
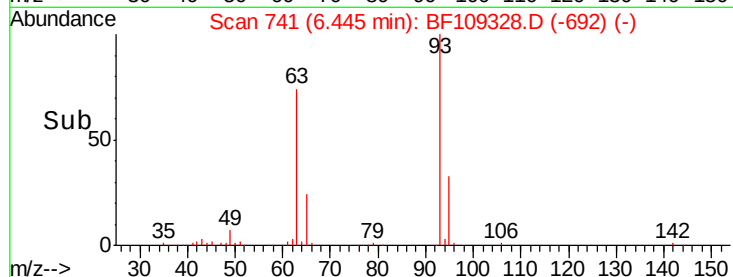
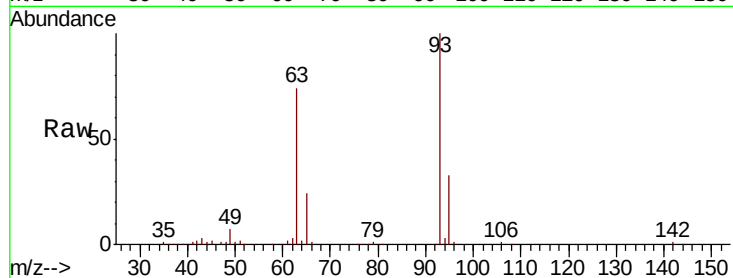




#11
bis(2-Chloroethyl)ether
Concen: 31.588 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

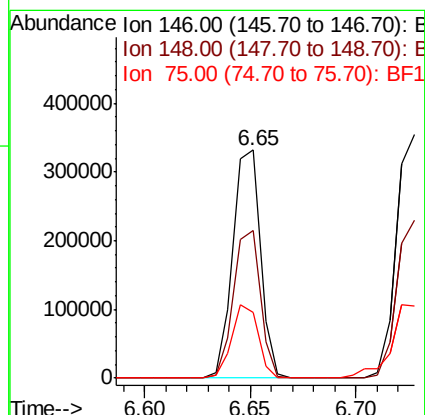
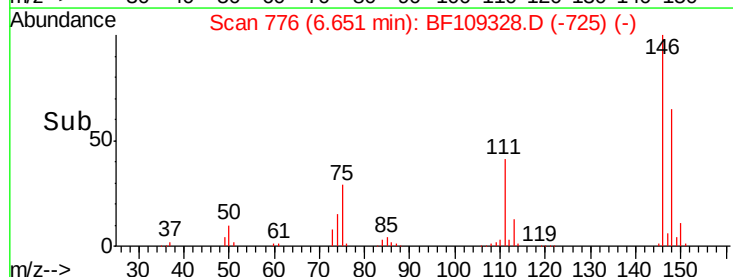
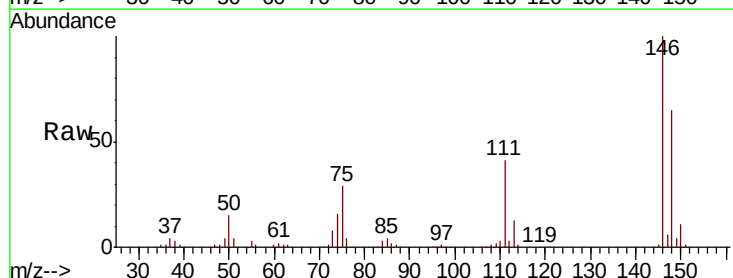
Instrument :
BNA_F
ClientSampleId :

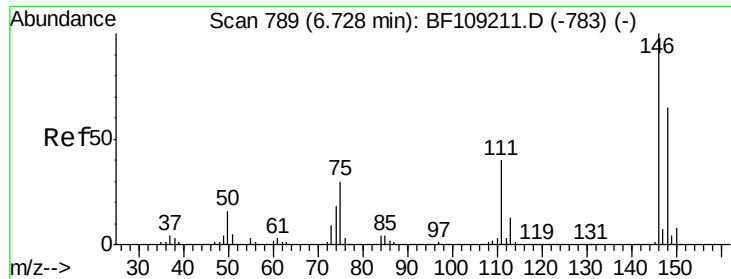
Tot Ion: 93 Resp: 259342
Ion Ratio Lower Upper
93 100
63 73.8 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.125 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion: 146 Resp: 298642
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 29.1 24.2 36.4

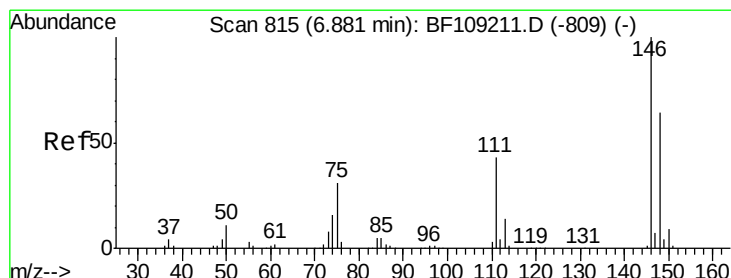
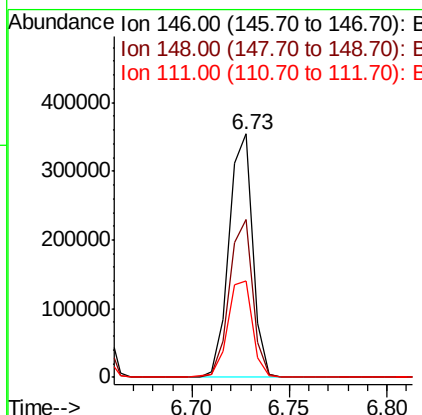
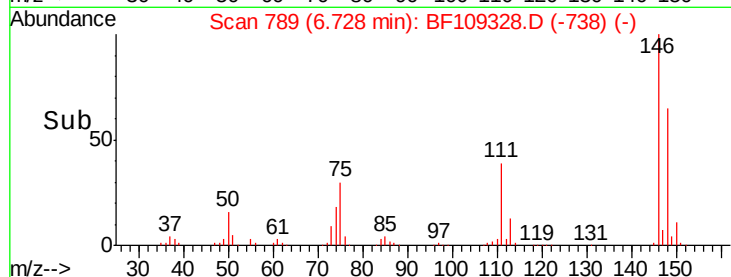
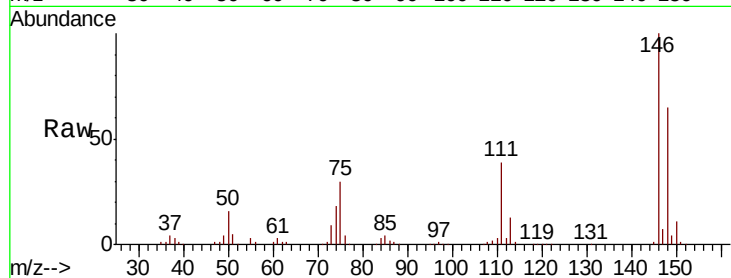




#13
 1,4-Dichlorobenzene
 Concen: 31.793 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

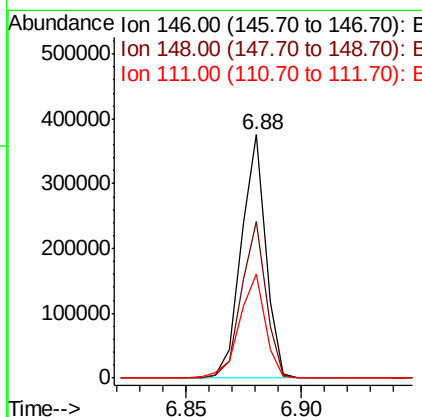
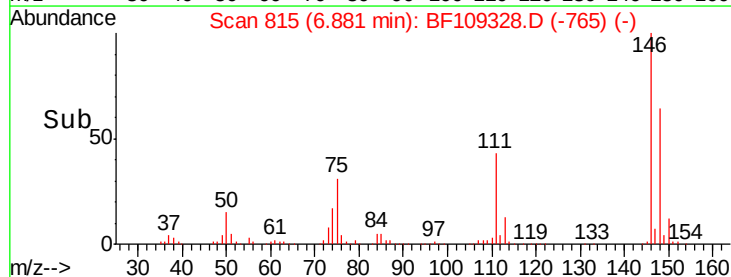
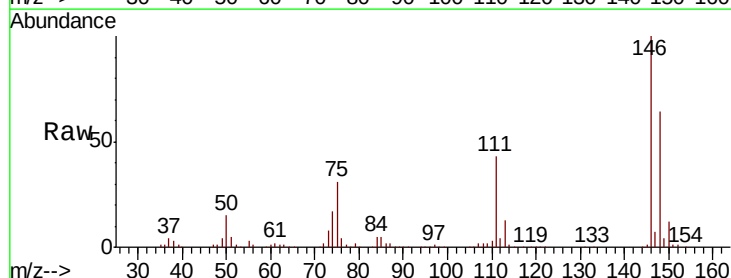
Instrument :
 BNA_F
 ClientSampled :

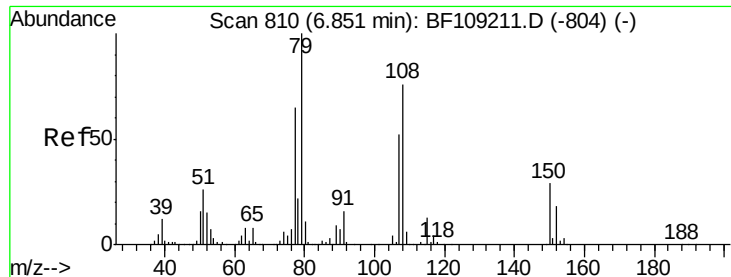
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	39.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.187 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.724 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

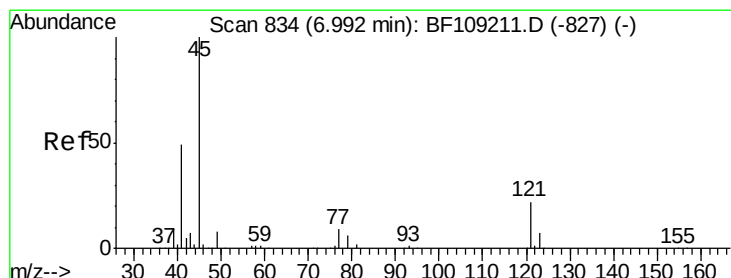
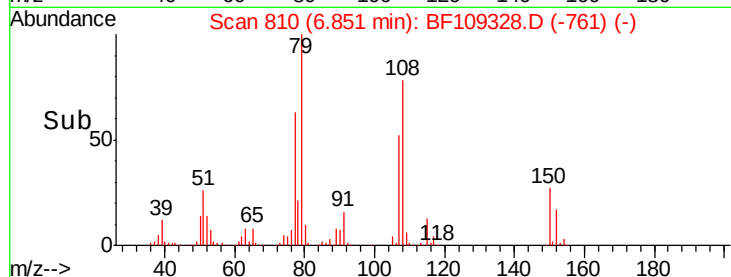
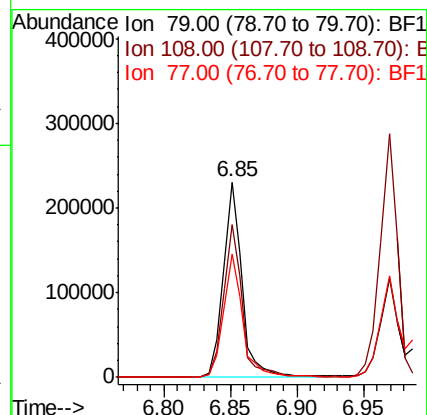
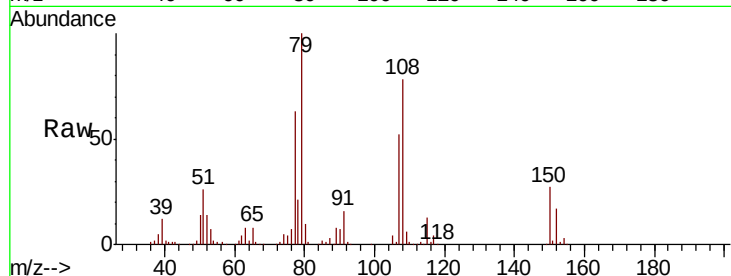
Tot Ion: 79 Resp: 232071

Ion Ratio Lower Upper

79 100

108 77.8 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.188 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

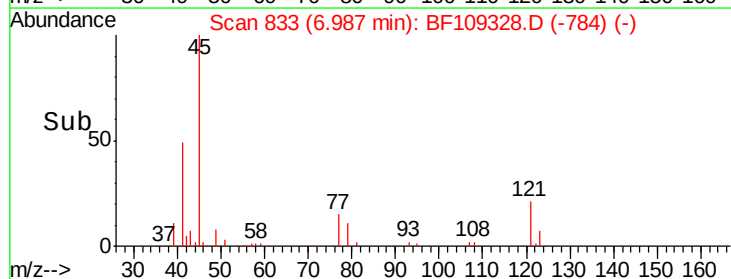
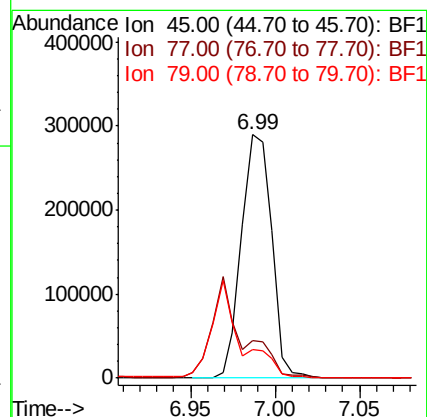
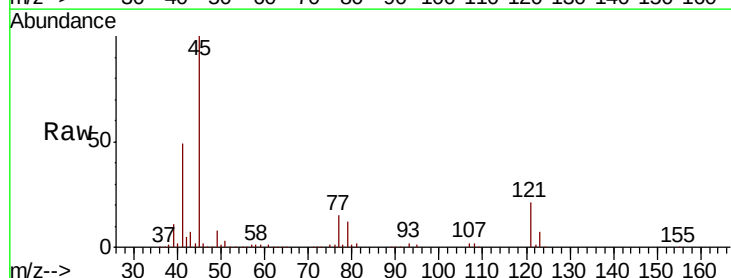
Tgt Ion: 45 Resp: 363193

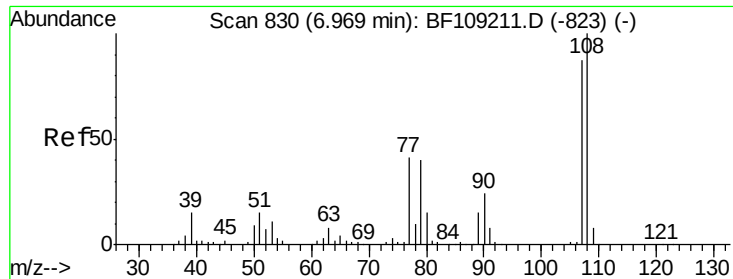
Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

79 11.6 0.0 29.6

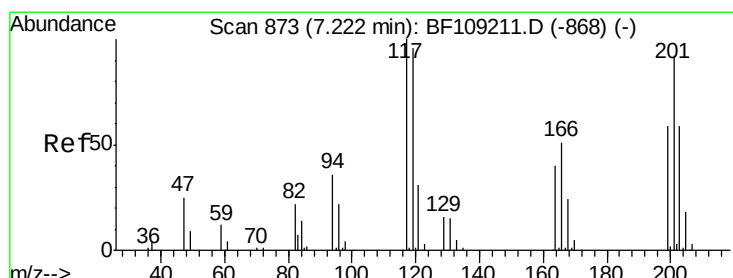
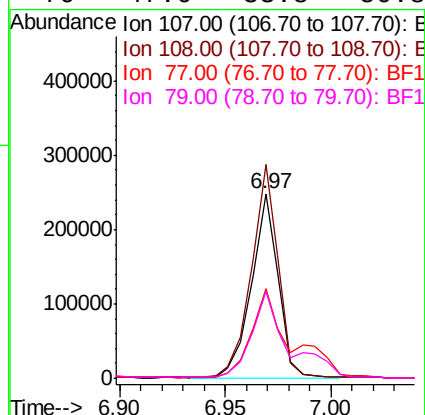
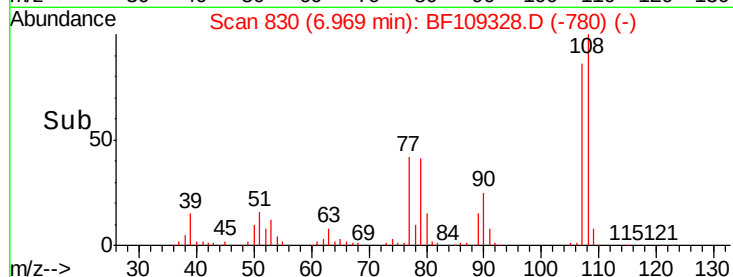
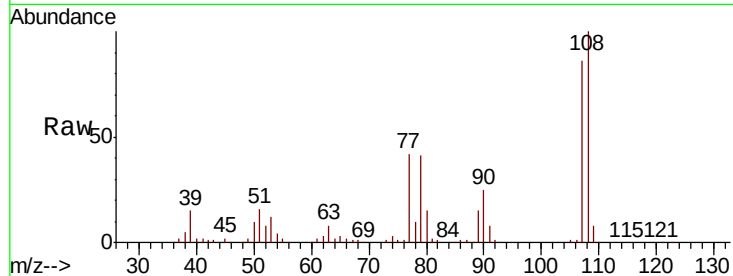




#17
2-Methylphenol
Concen: 33.297 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

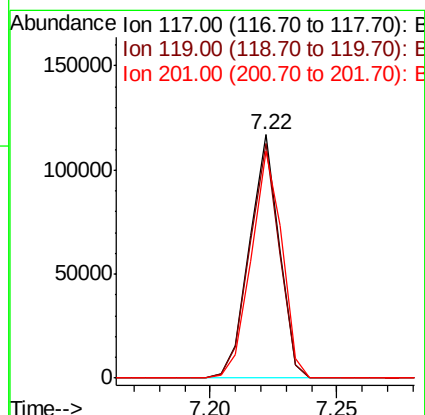
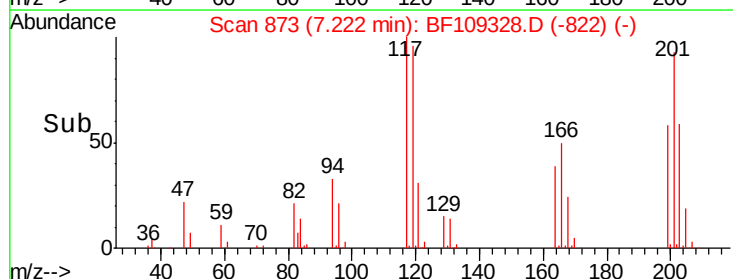
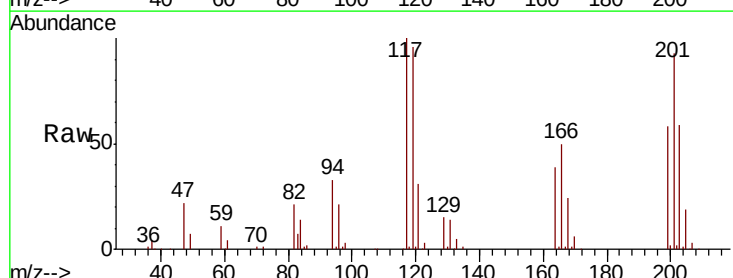
Instrument :
BNA_F
ClientSampleId :

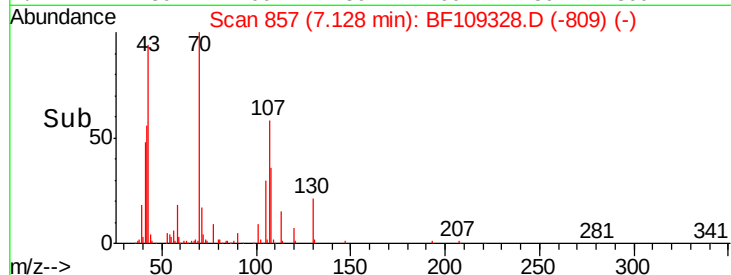
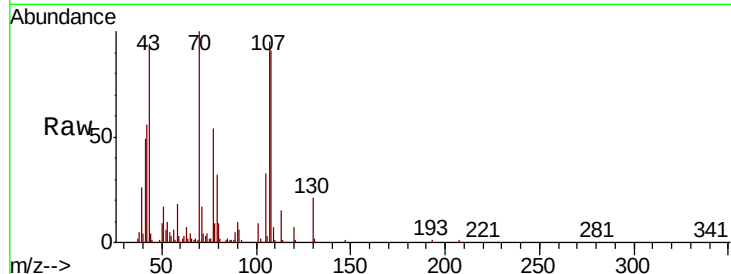
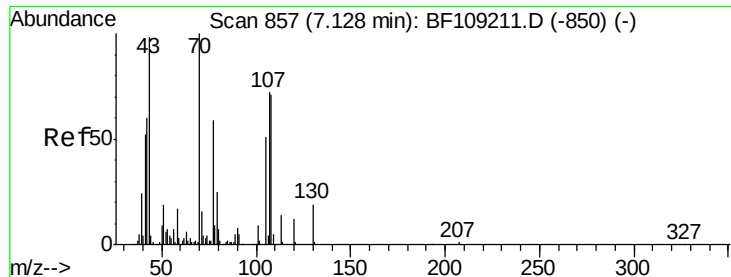
Tot Ion:	107	Resp:	217529
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.7	137.5
77	48.4	33.8	50.8
79	47.0	33.8	50.8



#18
Hexachloroethane
Concen: 28.940 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:	117	Resp:	95488
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	93.3	75.7	113.5

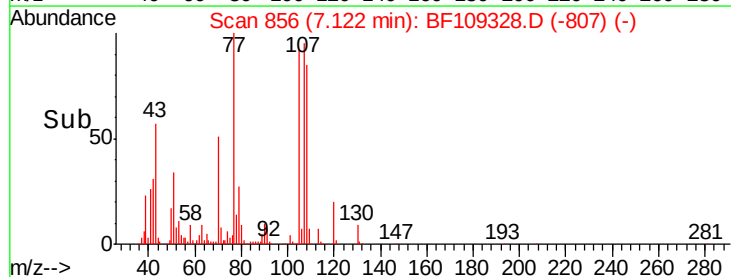
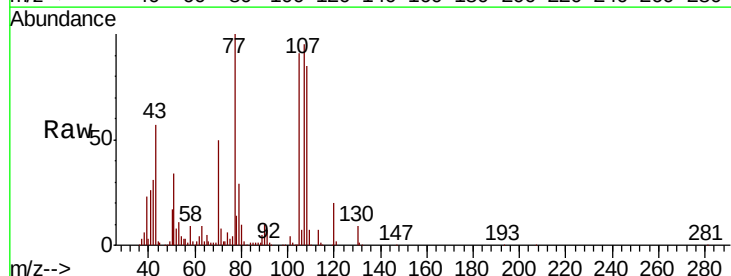
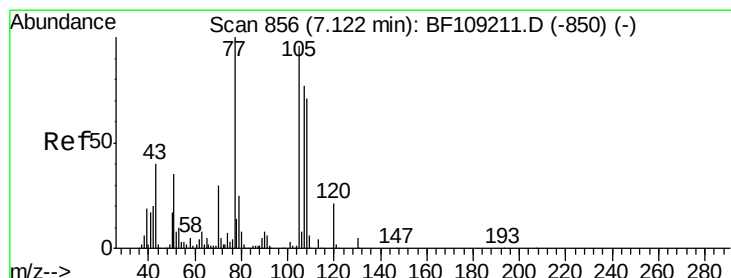
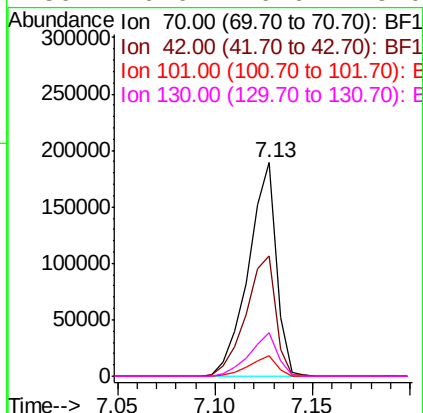




#19
n-Nitroso-di-n-propylamine
Concen: 31.002 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

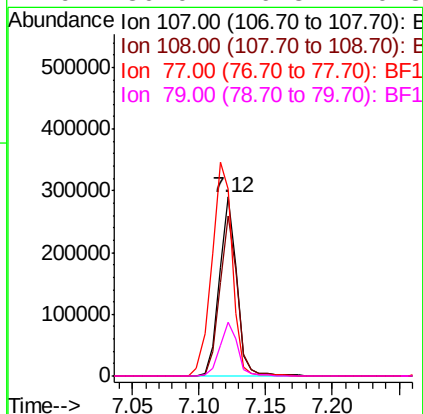
Instrument :
BNA_F
ClientSampled :

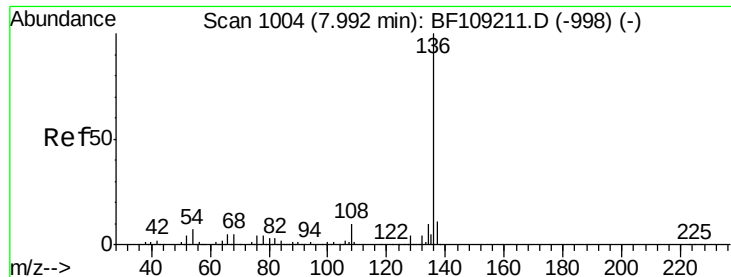
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	9.3	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.088 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	104.9	26.7	66.7#
79	30.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109328.D

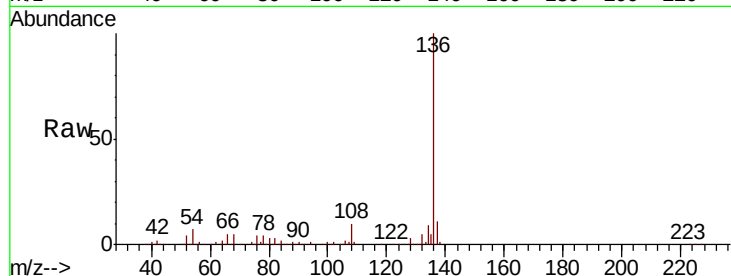
Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	450150
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.5	6.6 9.8#
68	5.5	5.0 7.4

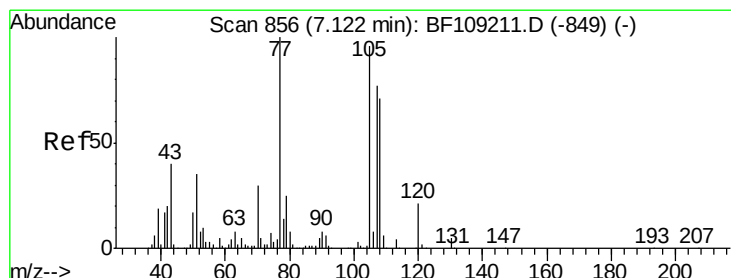
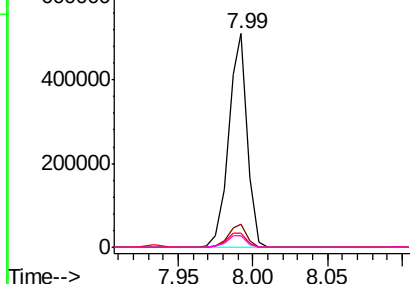
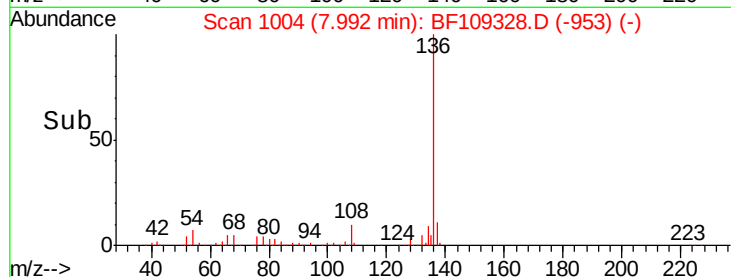


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.777 ng

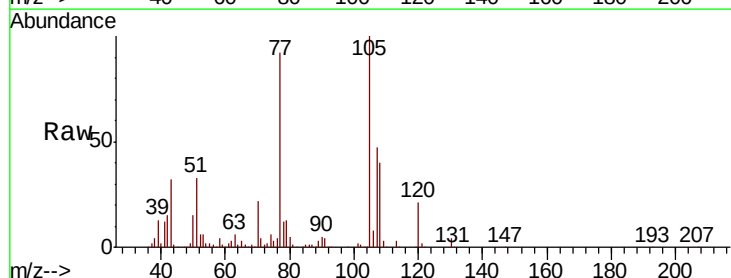
RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:105	Resp:	372349
Ion Ratio	Lower	Upper
105	100	
71	3.6	4.4 6.6#
51	32.6	22.3 33.5
120	21.0	16.9 25.3

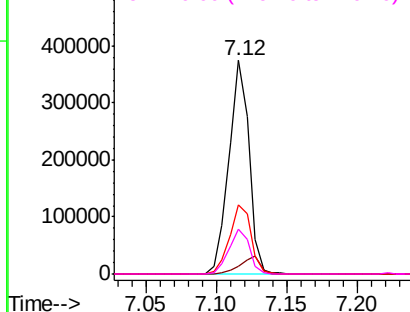
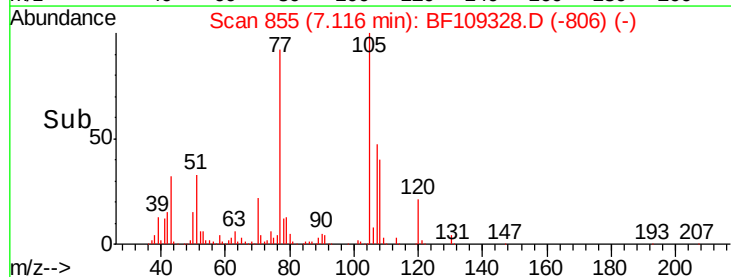


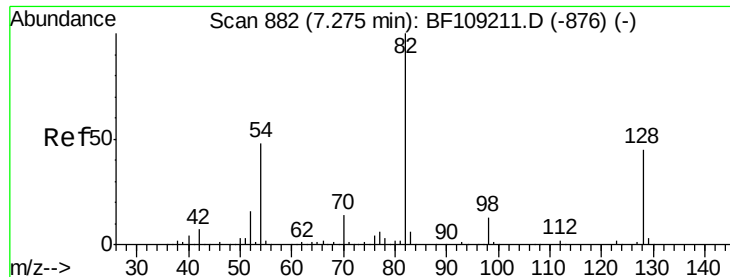
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

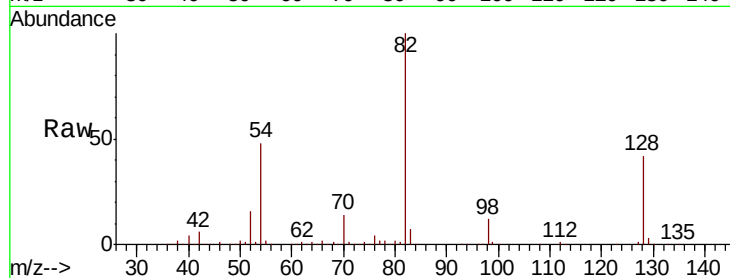




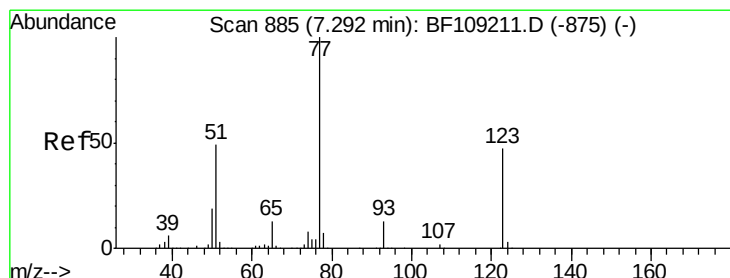
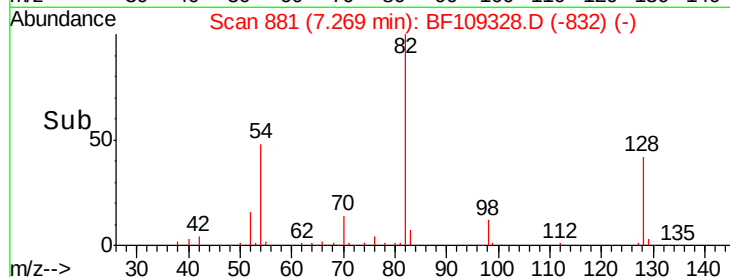
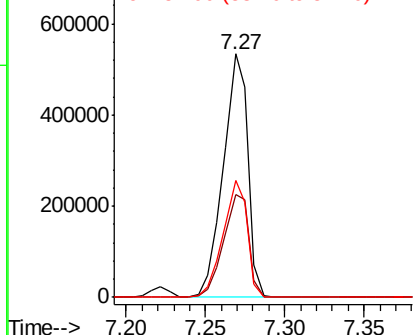
#23
 Nitrobenzene-d5
 Concen: 75.086 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 572578
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 48.2 41.4 62.2

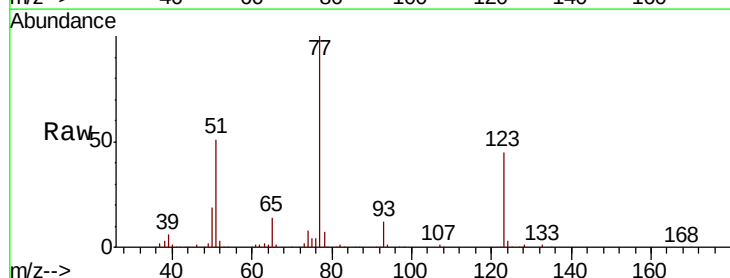


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

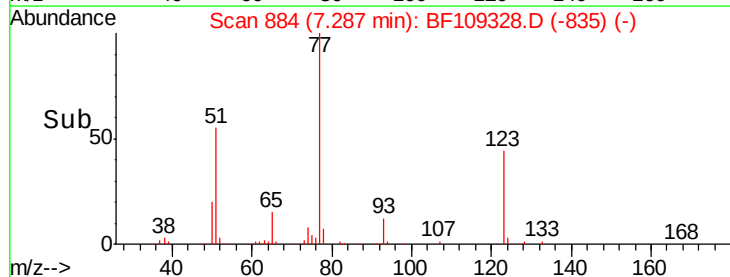
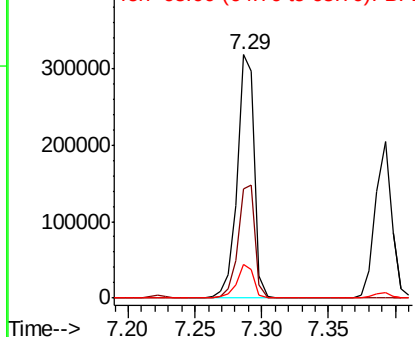


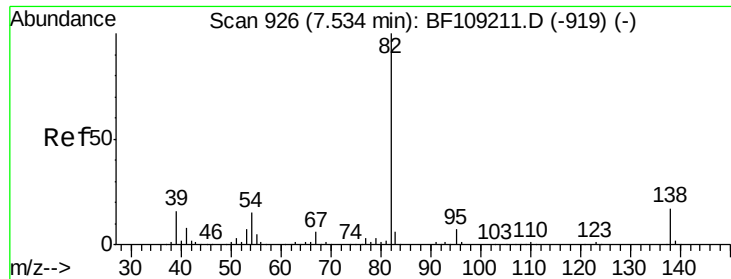
#24
 Nitrobenzene
 Concen: 35.381 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion: 77 Resp: 286867
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 14.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

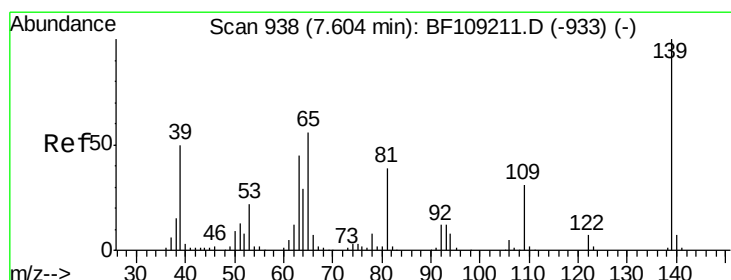
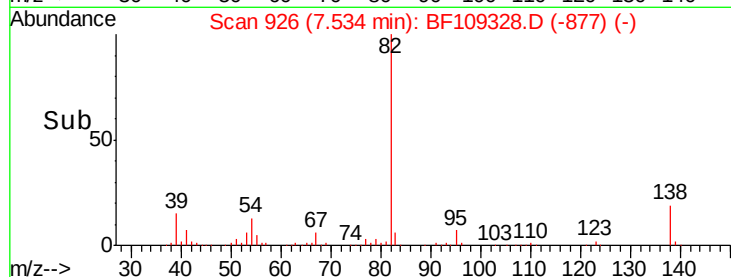
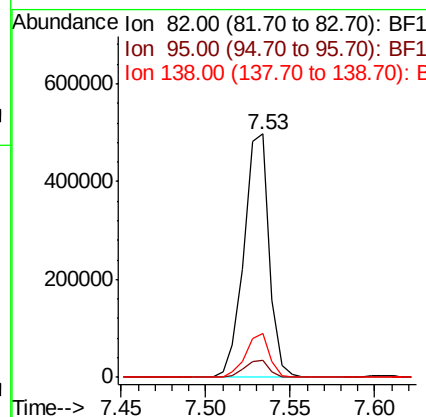
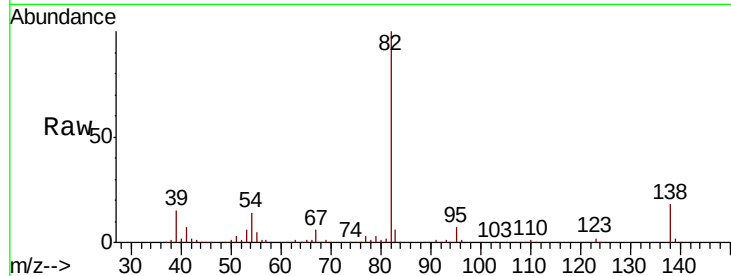




#25
Isophorone
Concen: 37.784 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

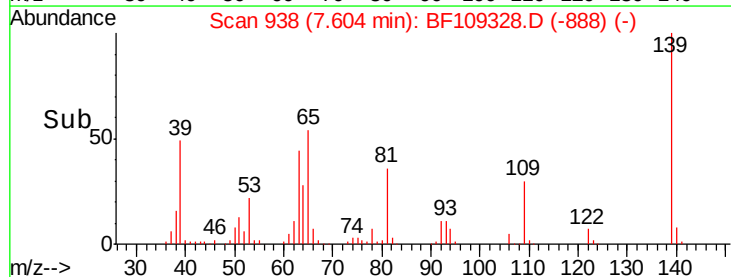
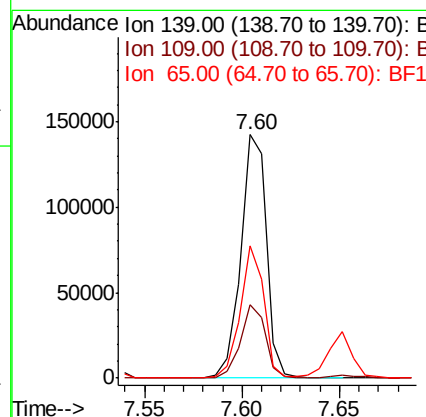
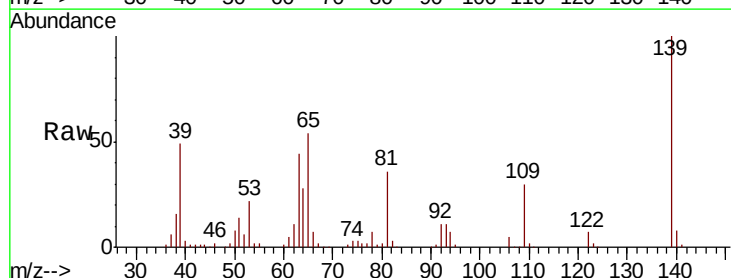
Instrument :
BNA_F
ClientSampleId :

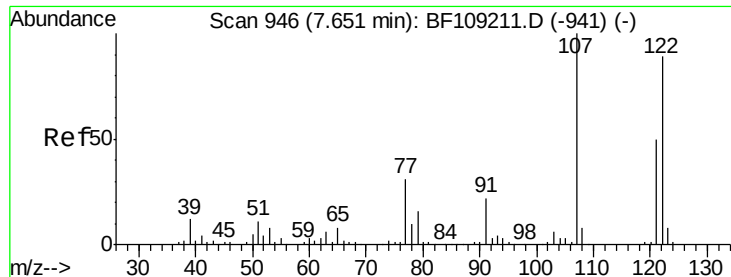
Tot Ion: 82 Resp: 518838
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 40.192 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion: 139 Resp: 128874
Ion Ratio Lower Upper
139 100
109 29.9 22.7 34.1
65 54.3 40.5 60.7

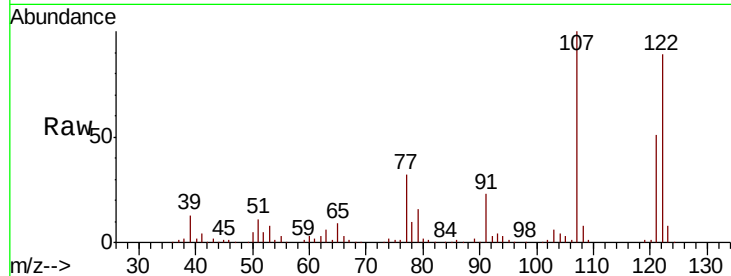




#27
 2,4-Dimethylphenol
 Concen: 40.292 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.2	136.8
121	56.8	47.2	70.8

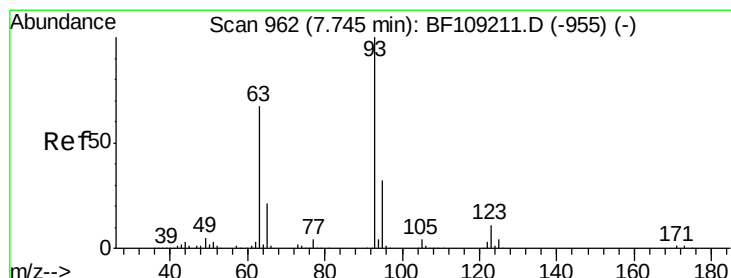
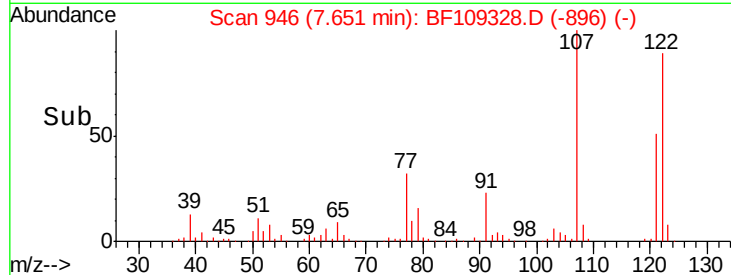
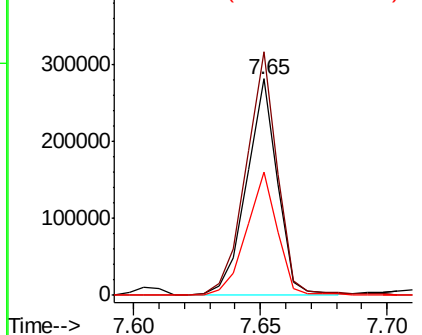


Abundance

Ion 122.00 (121.70 to 122.70): E

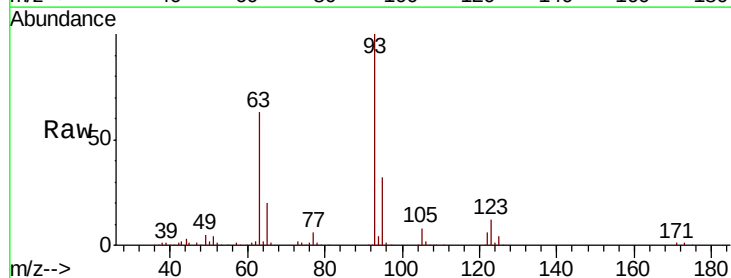
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.554 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.5	9.8	14.6

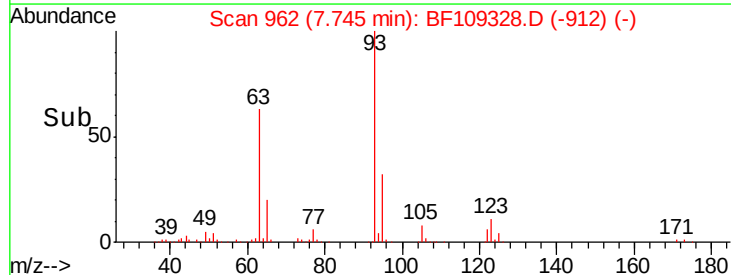
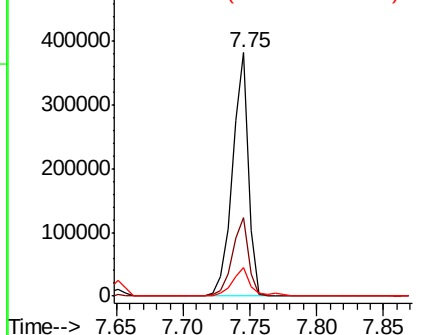


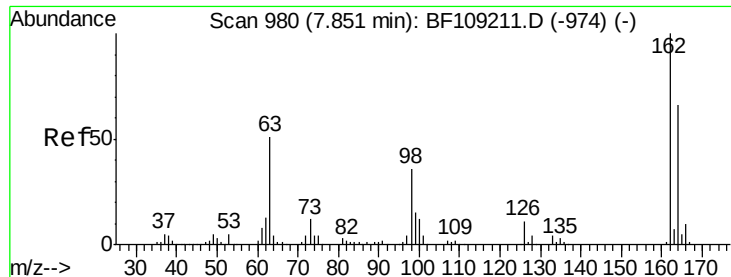
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

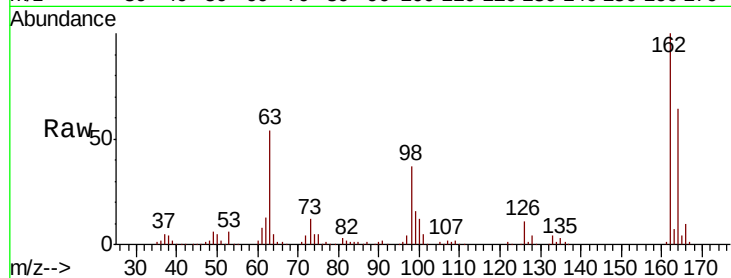




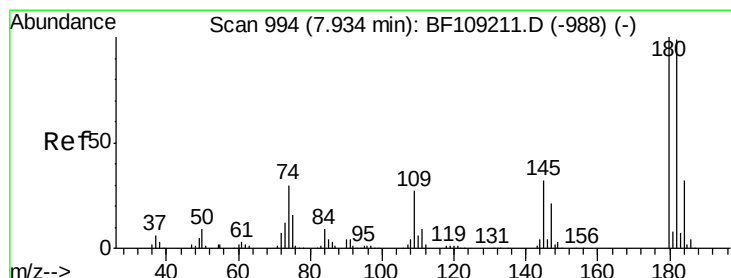
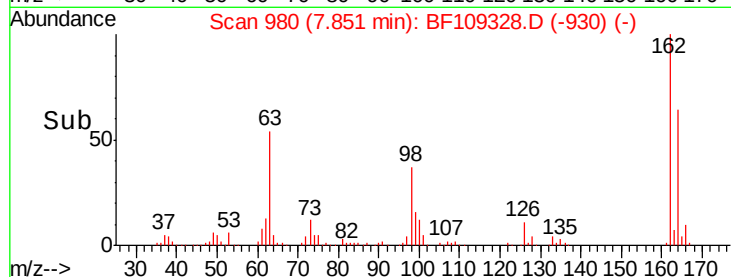
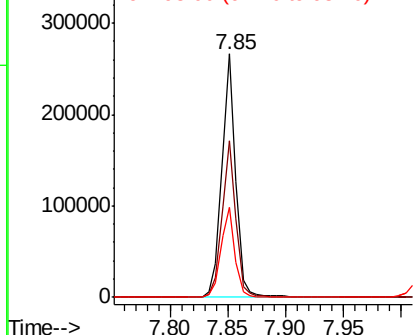
#29
 2,4-Dichlorophenol
 Concen: 35.610 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	37.0	18.1	58.1

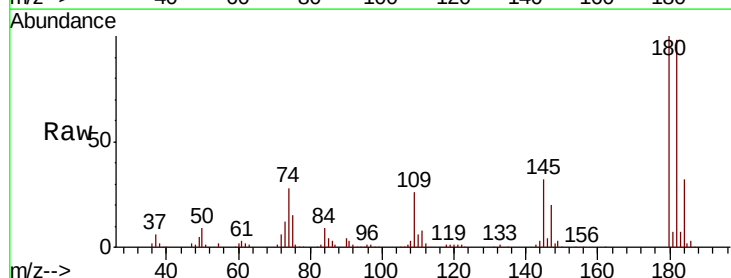


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

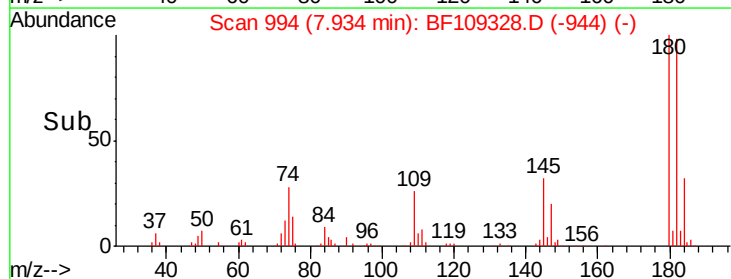
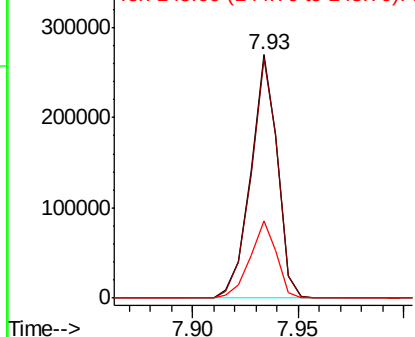


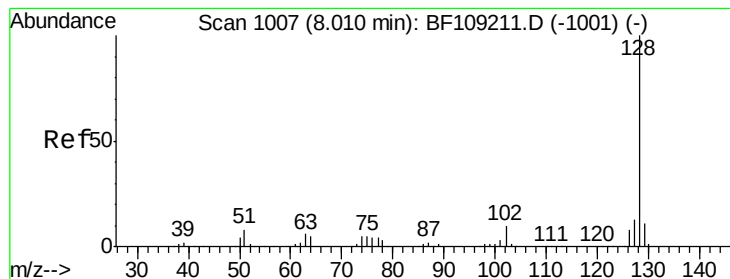
#30
 1,2,4-Trichlorobenzene
 Concen: 33.578 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.8	115.2
145	32.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.354 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

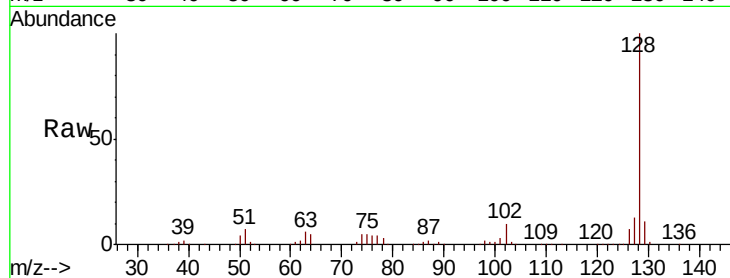
Tot Ion:128 Resp: 764728

Ion Ratio Lower Upper

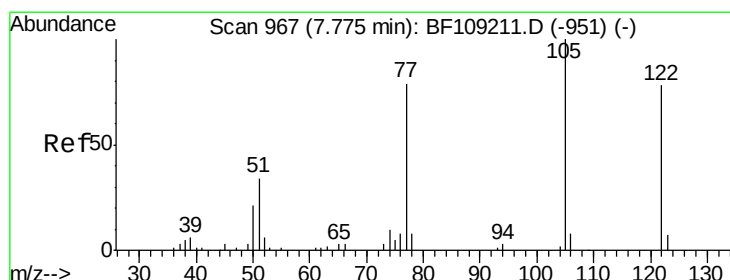
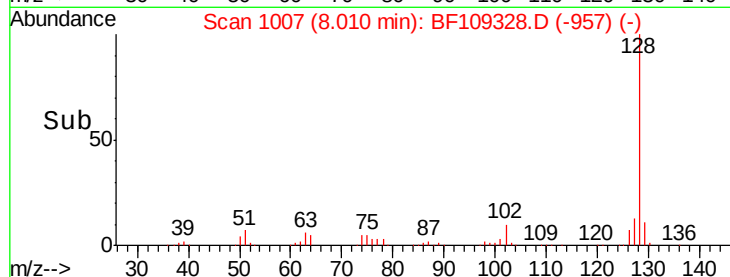
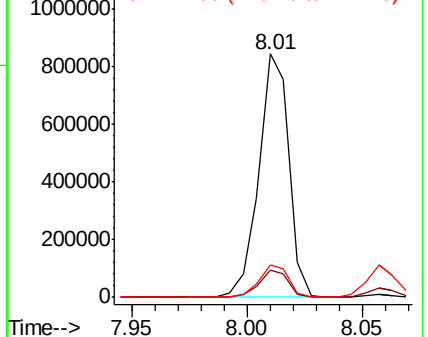
128 100

129 11.2 8.8 13.2

127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.998 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

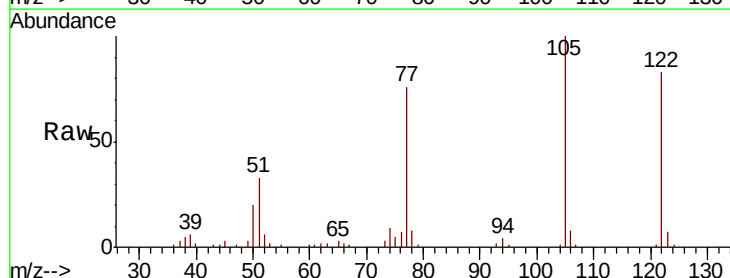
Tgt Ion:122 Resp: 133580

Ion Ratio Lower Upper

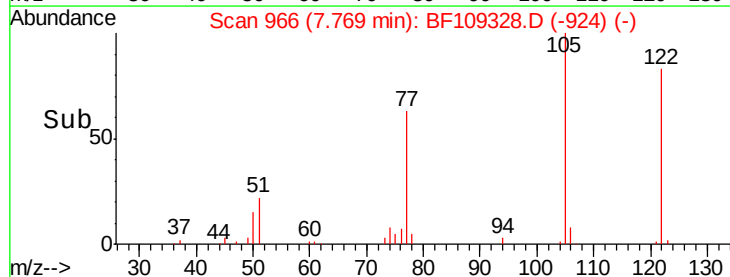
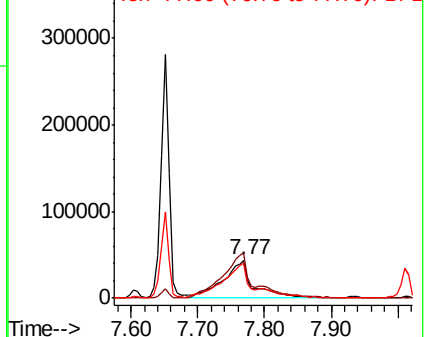
122 100

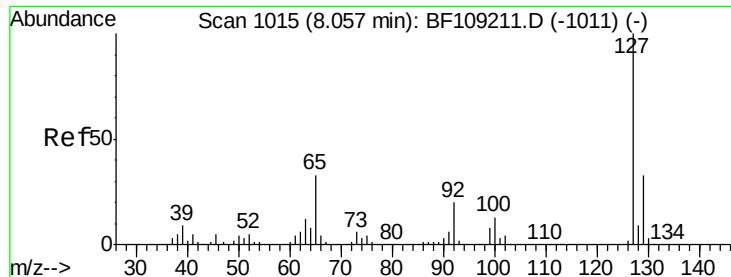
105 121.0 101.1 141.1

77 91.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

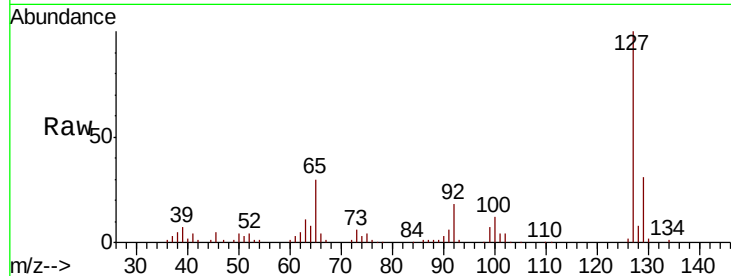




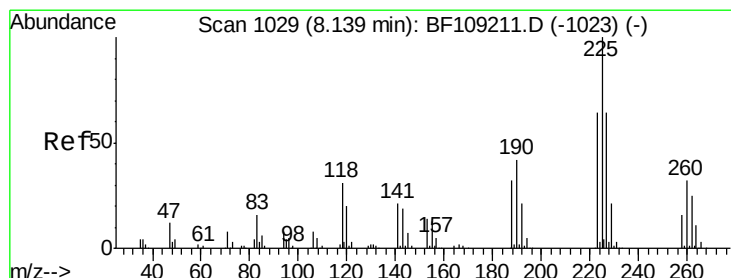
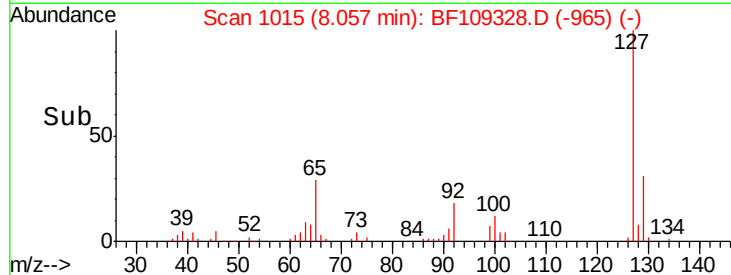
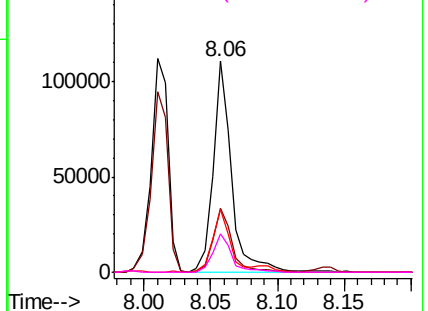
#33
4-Chloroaniline
Concen: 11.723 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	107724
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	29.9	25.0	37.4
92	18.3	15.2	22.8

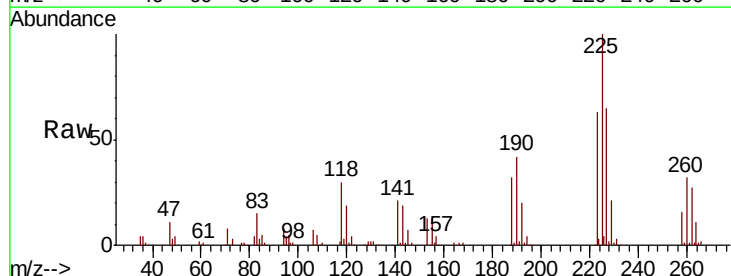


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

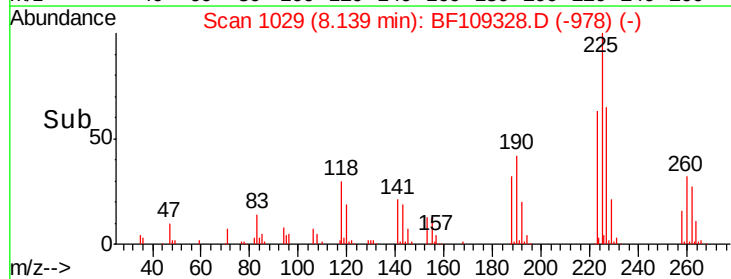
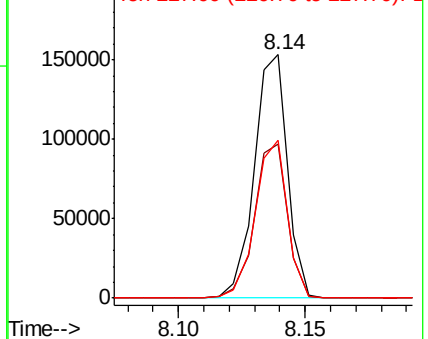


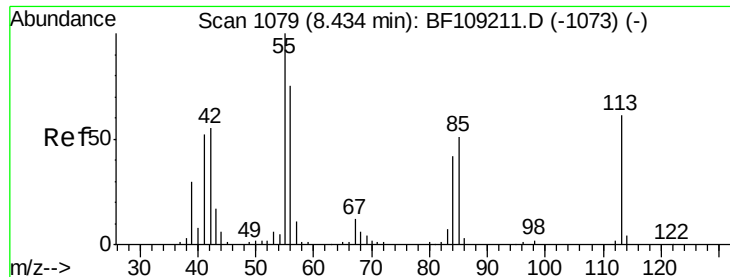
#34
Hexachlorobutadiene
Concen: 32.917 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:	225	Resp:	139393
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.6	51.9	77.9



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

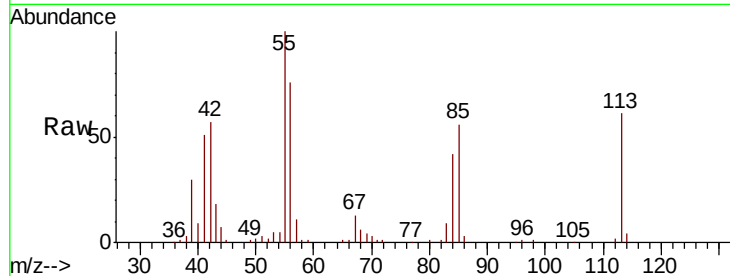




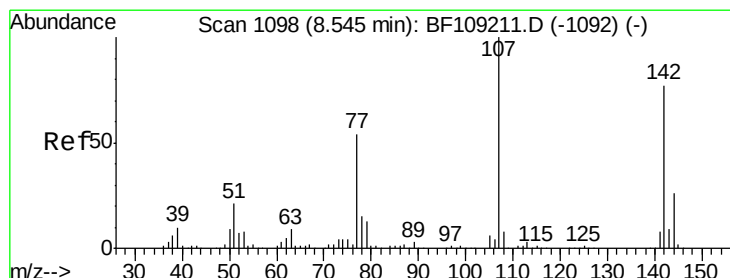
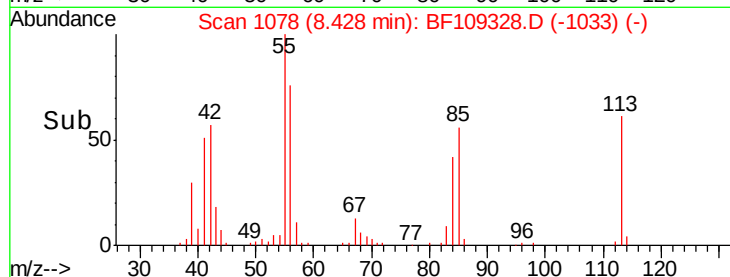
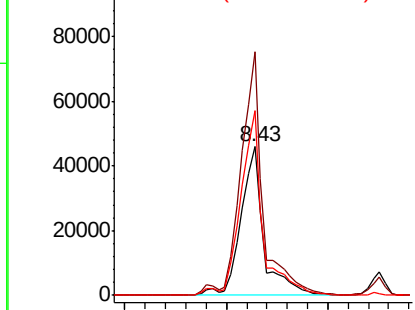
#35
 Caprolactam
 Concen: 35.860 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 71972
 Ion Ratio Lower Upper
 113 100
 55 164.2 163.3 203.3
 56 124.3 115.7 155.7

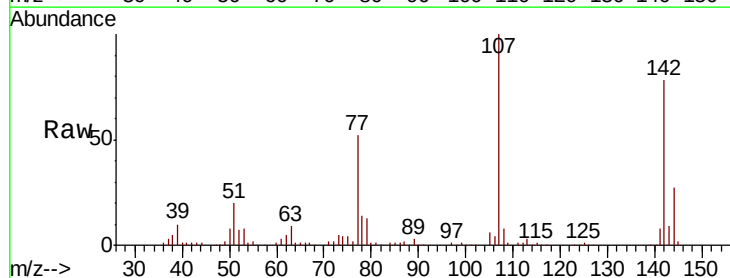


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

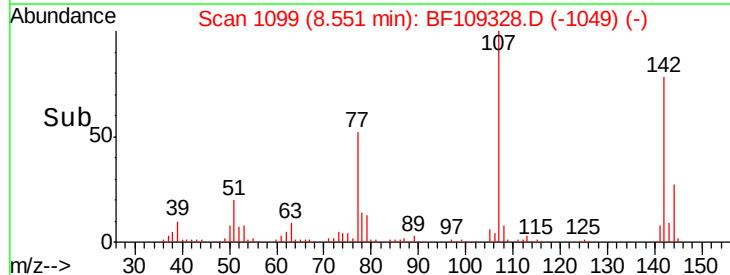
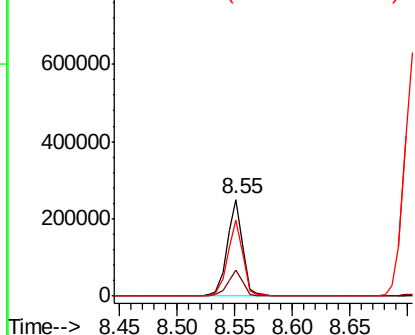


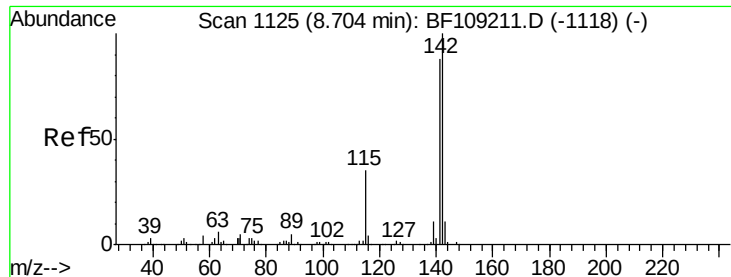
#36
 4-Chloro-3-methylphenol
 Concen: 34.743 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:107 Resp: 229829
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 78.4 62.0 93.0



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

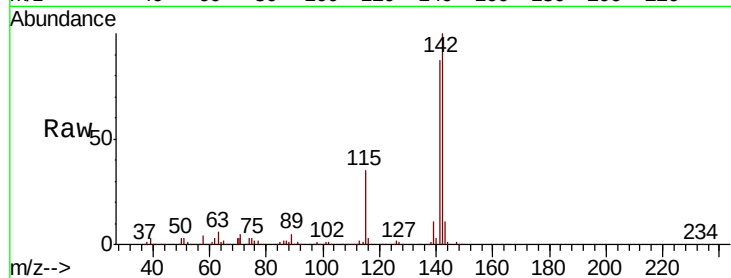




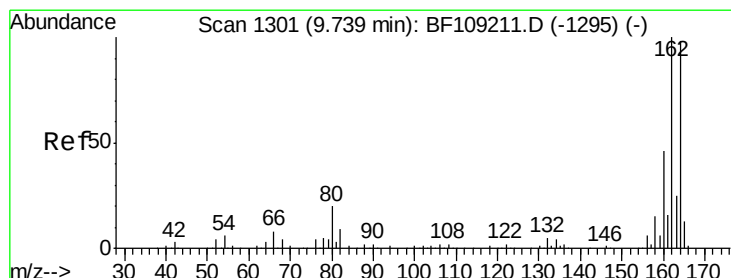
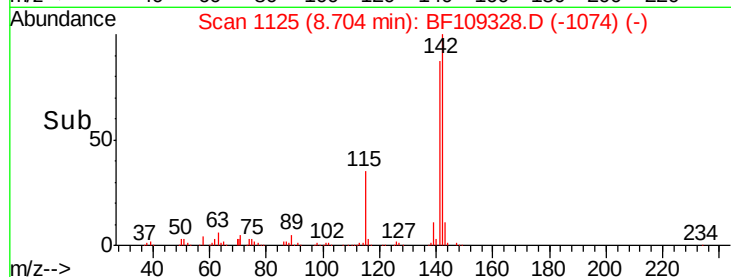
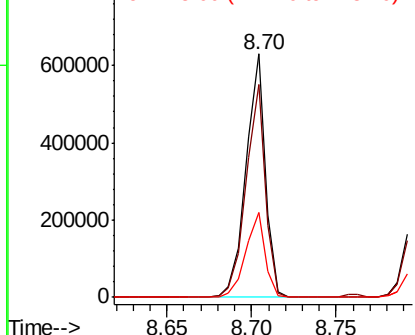
#37
 2-Methylnaphthalene
 Concen: 37.484 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 508303
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.8 106.2
 115 34.9 26.1 39.1

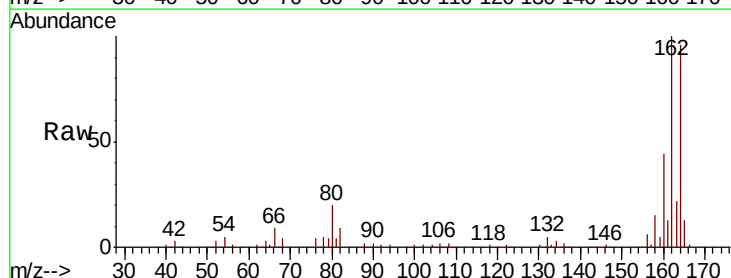


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

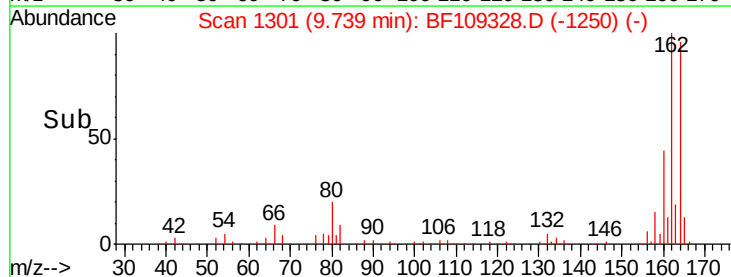
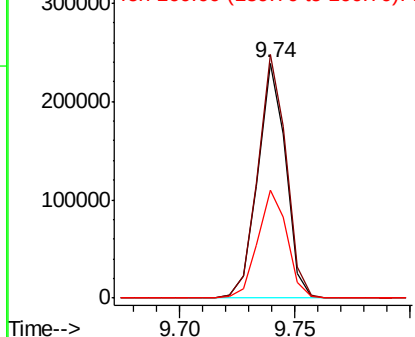


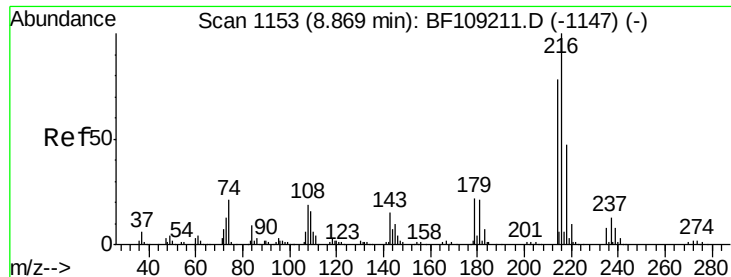
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:164 Resp: 202034
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.256 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 233118

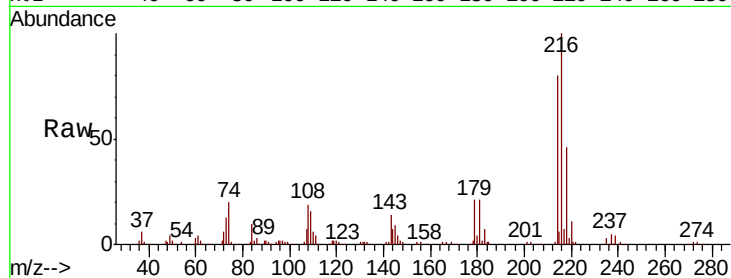
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.7 18.1 27.1

108 18.1 17.2 25.8

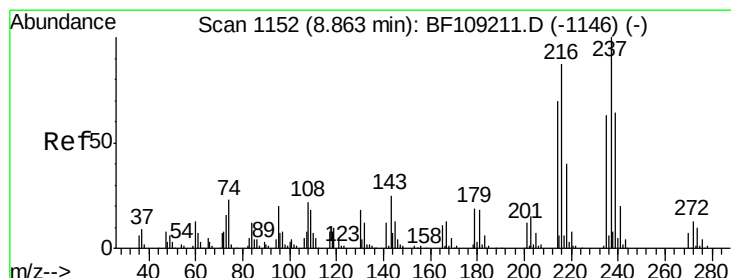
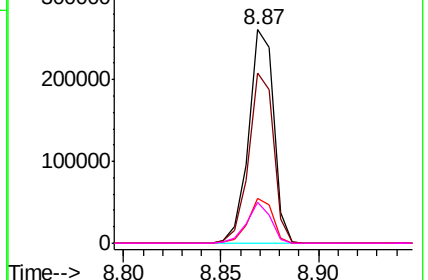
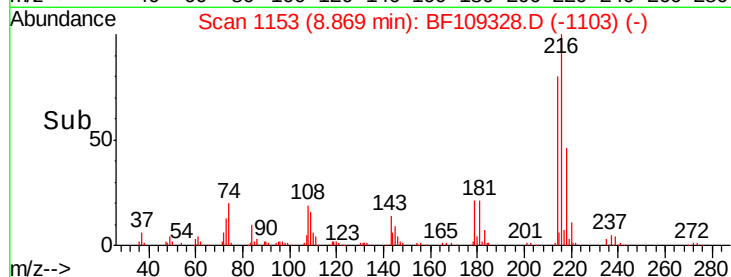


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.118 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

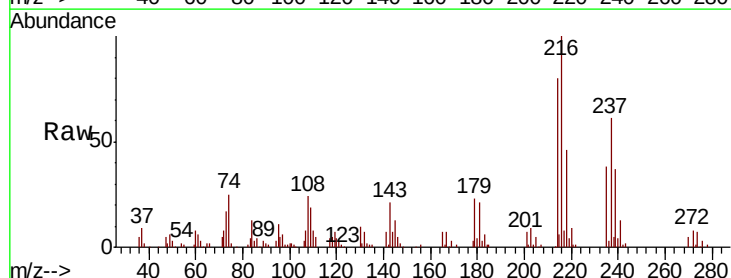
Tgt Ion:237 Resp: 53616

Ion Ratio Lower Upper

237 100

235 61.2 44.8 84.8

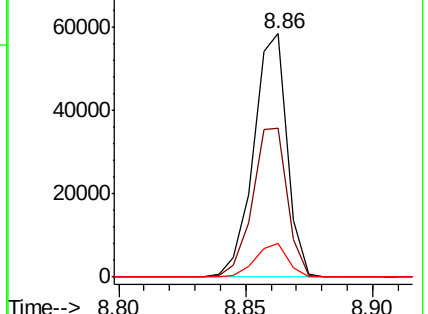
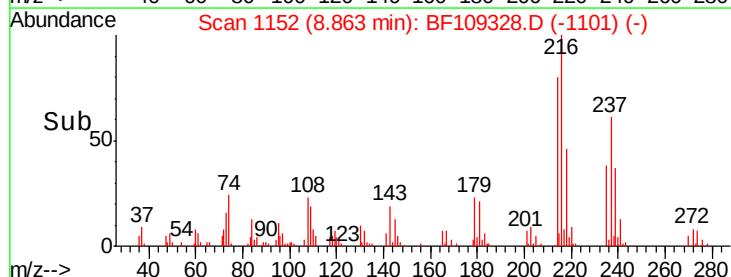
272 13.8 0.0 33.3

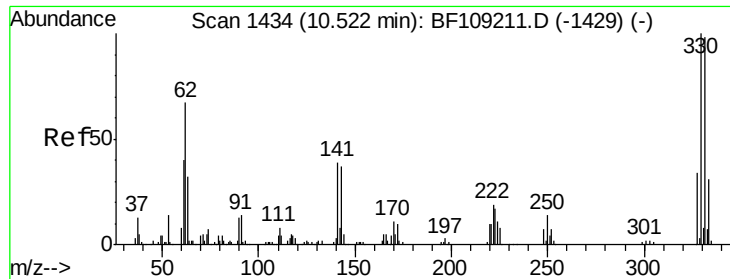


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

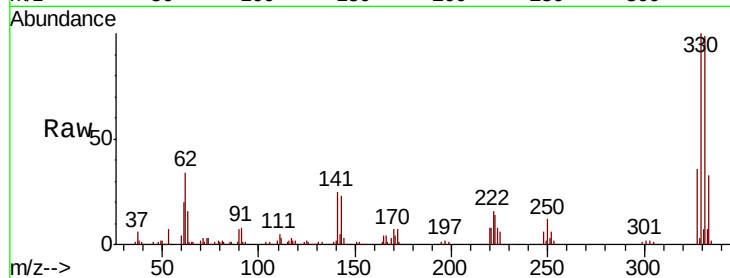




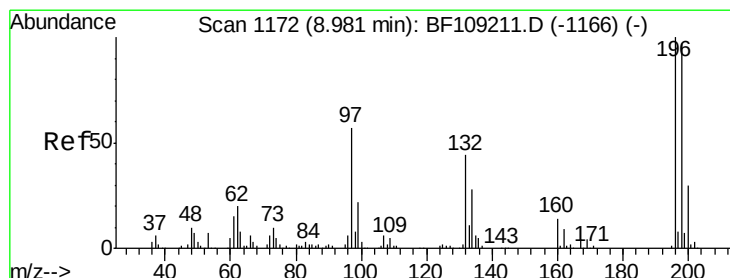
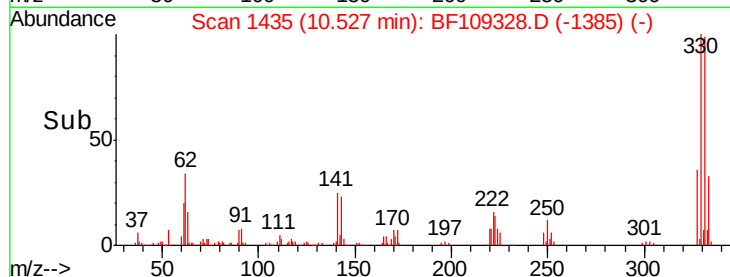
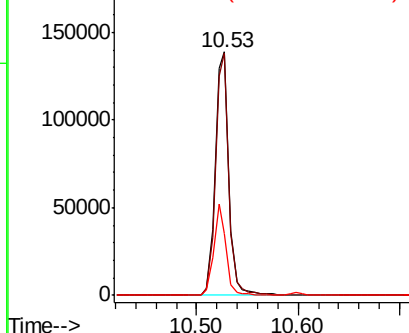
#41
 2,4,6-Tribromophenol
 Concen: 65.213 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.3	29.9	44.9

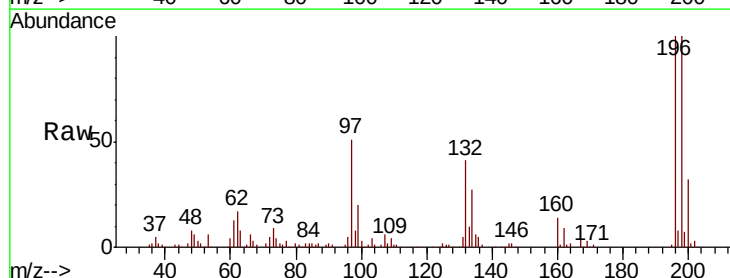


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

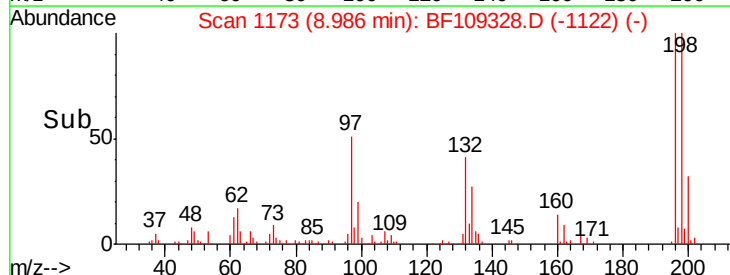
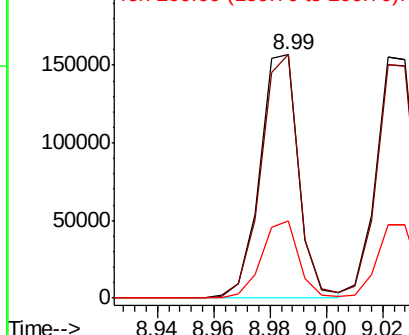


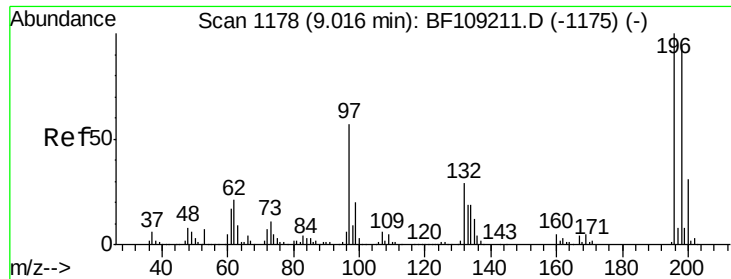
#42
 2,4,6-Trichlorophenol
 Concen: 36.176 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	75.7	113.5
200	31.8	24.5	36.7



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

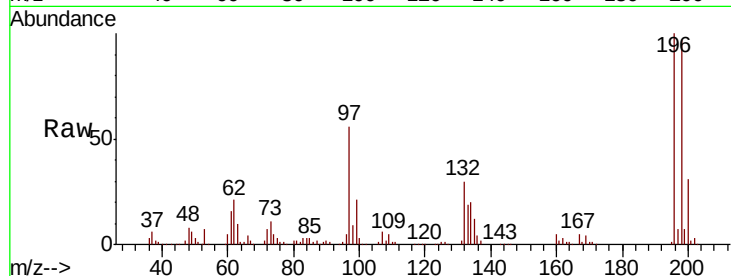




#43
 2,4,5-Trichlorophenol
 Concen: 36.421 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	55.8	42.9	64.3
132	29.5	26.3	39.5



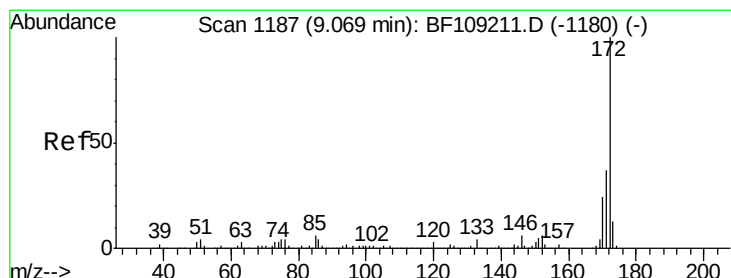
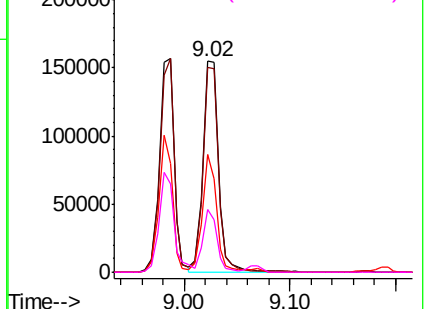
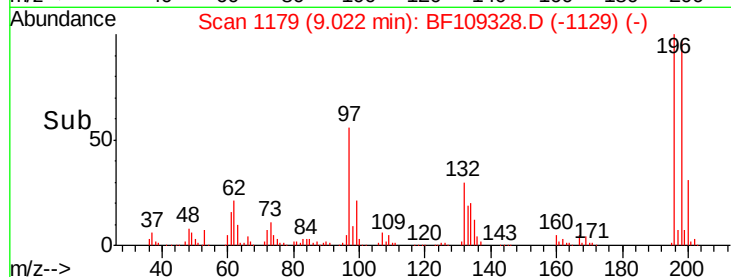
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

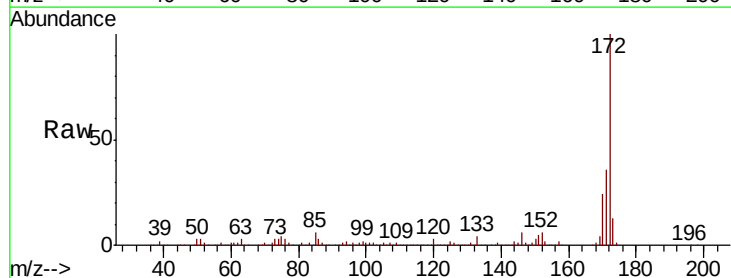
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.039 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

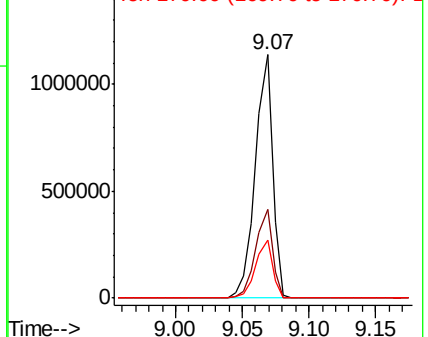
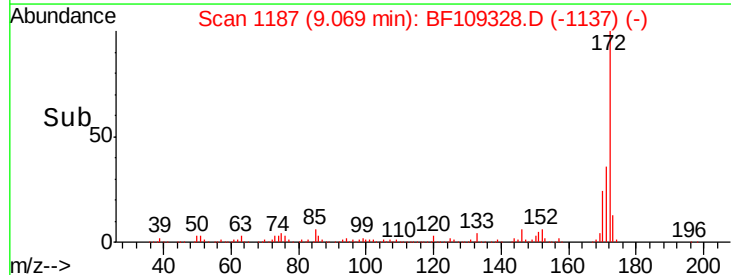


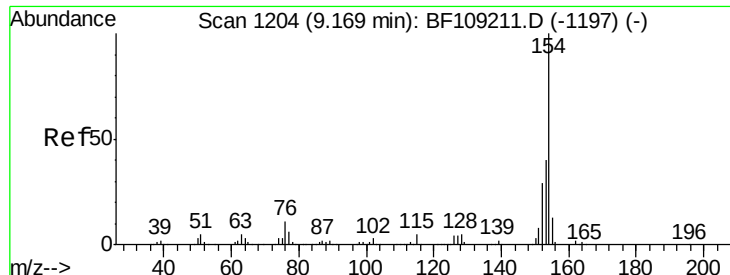
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

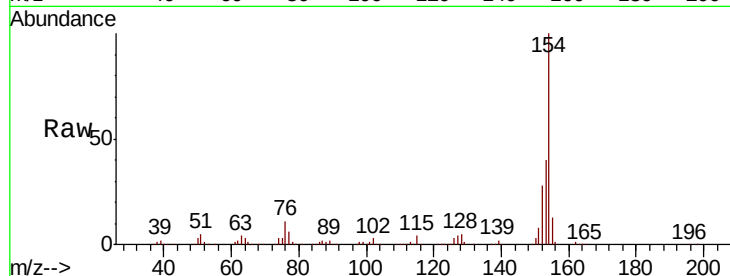




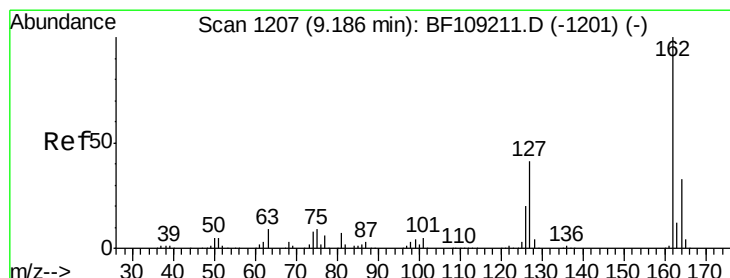
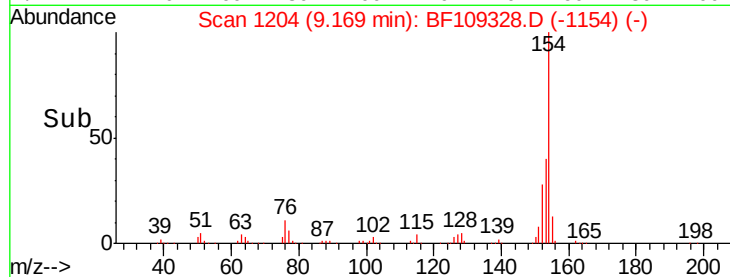
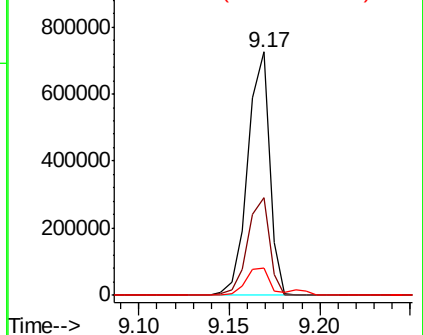
#45
 1,1'-Biphenyl
 Concen: 36.918 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	154	Resp:	607705
Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	11.3	0.0	34.0

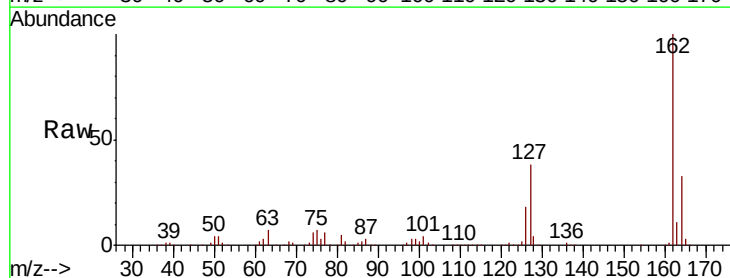


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

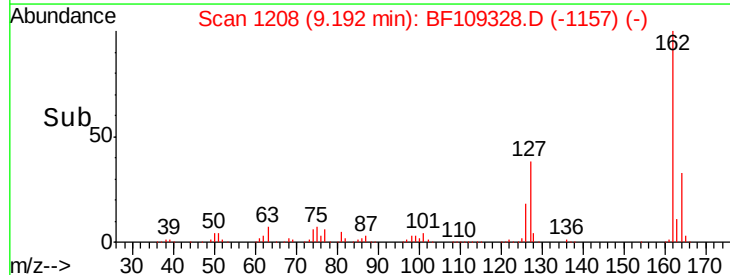
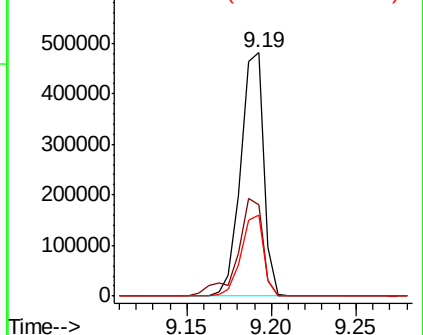


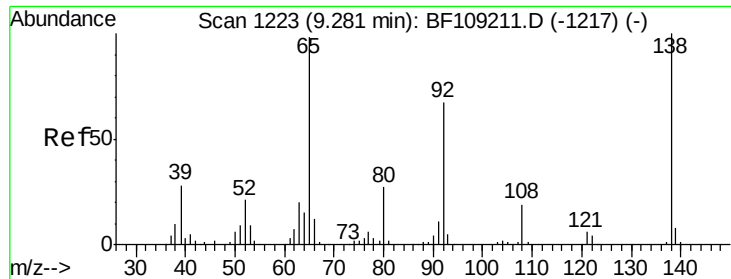
#46
 2-Chloronaphthalene
 Concen: 34.825 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:	162	Resp:	457956
Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.9	50.9
164	33.1	26.5	39.7



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

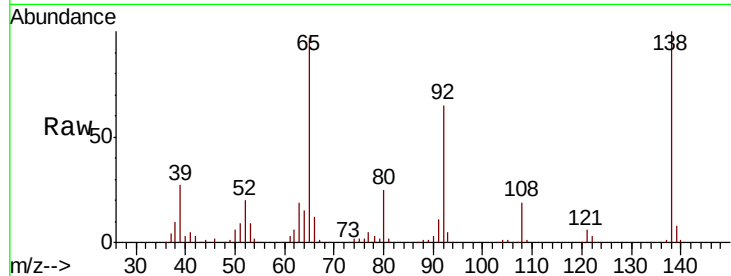




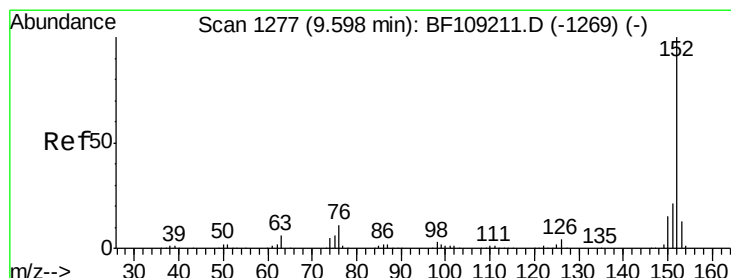
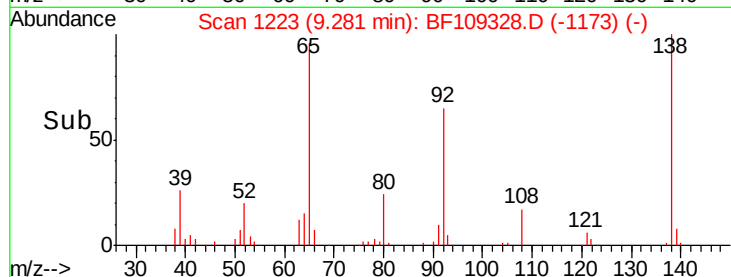
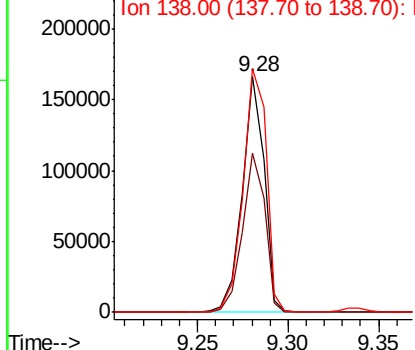
#47
2-Nitroaniline
Concen: 37.500 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 139813
Ion Ratio Lower Upper
65 100
92 67.5 55.8 83.6
138 103.4 91.2 136.8

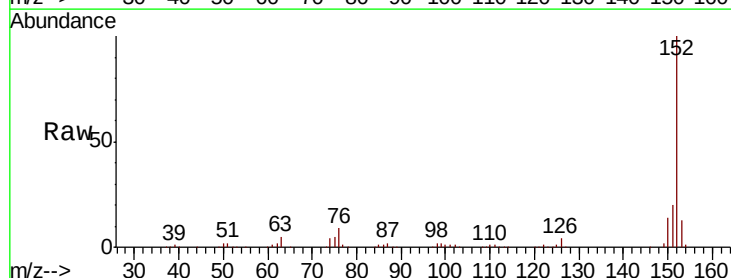


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

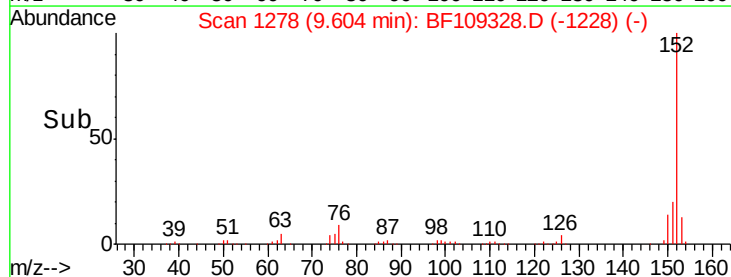
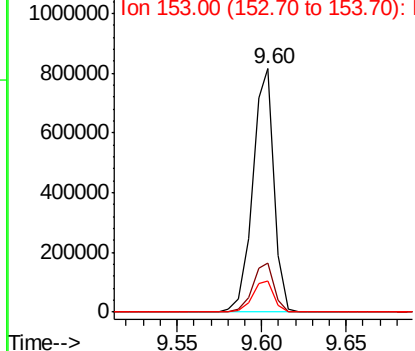


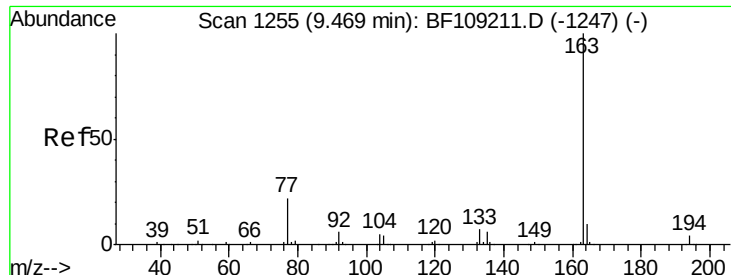
#48
Acenaphthylene
Concen: 36.265 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion: 152 Resp: 719444
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.6 10.7 16.1



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

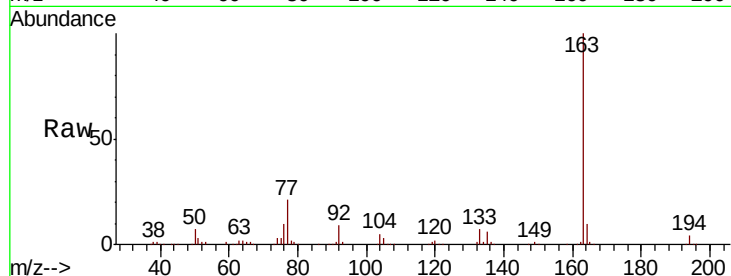




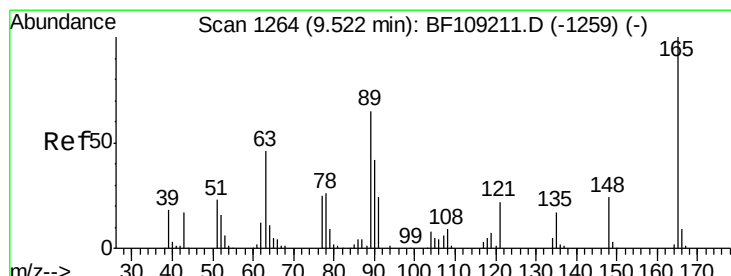
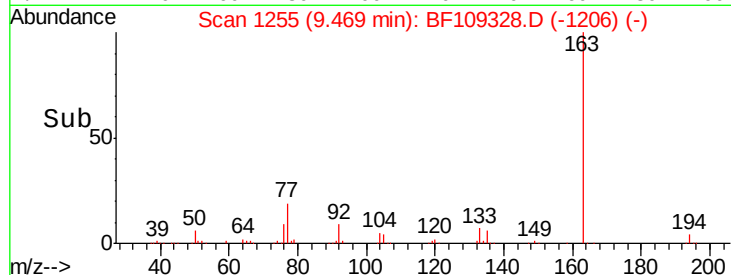
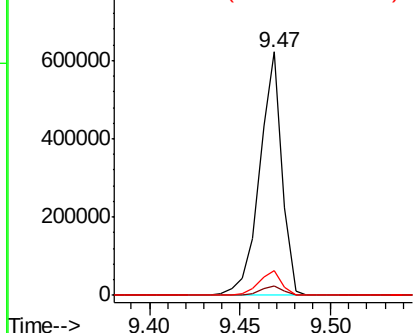
#49
 Dimethylphthalate
 Concen: 36.075 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

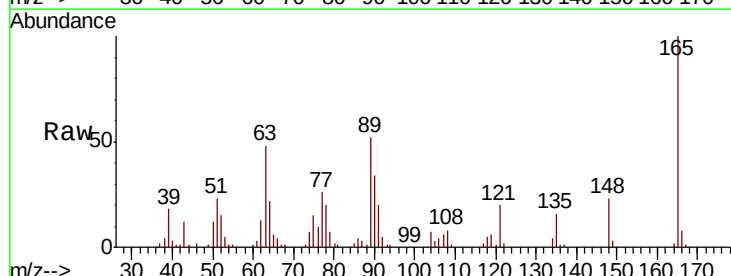


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

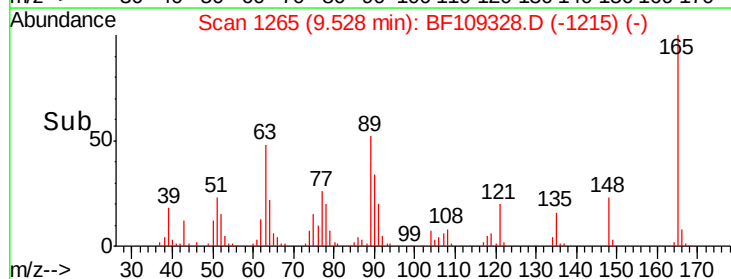
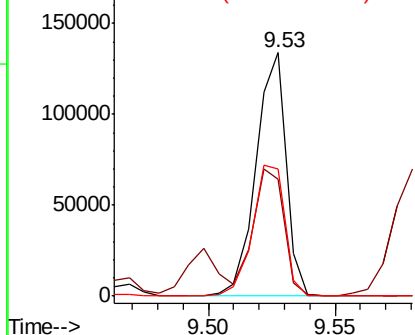


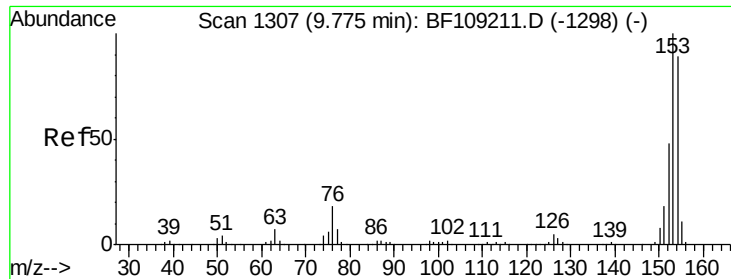
#50
 2,6-Dinitrotoluene
 Concen: 38.287 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	44.7	67.1
89	52.3	44.0	66.0



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

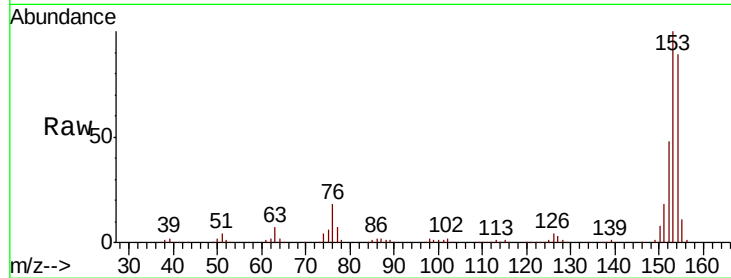




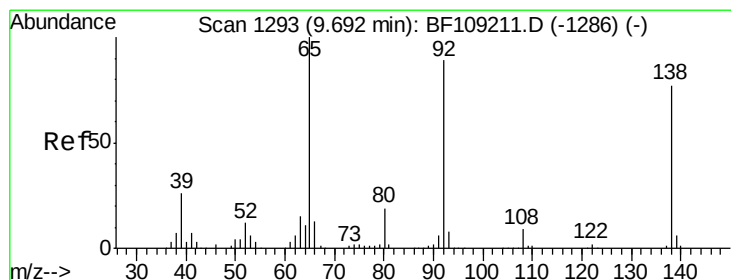
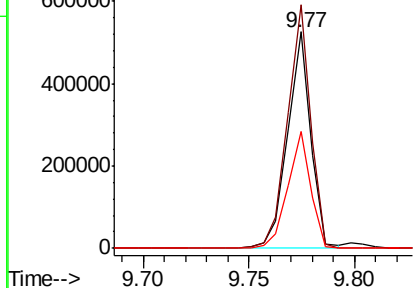
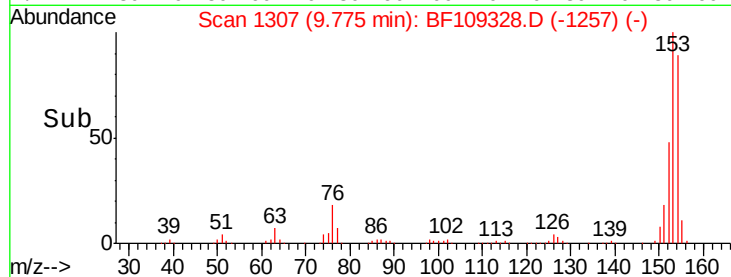
#51
Acenaphthene
Concen: 33.719 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 404432
Ion Ratio Lower Upper
154 100
153 112.6 91.2 136.8
152 53.8 43.8 65.8

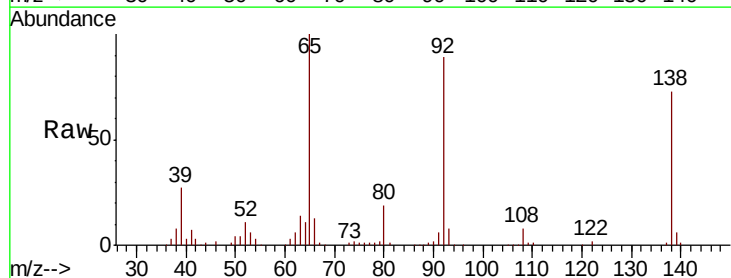


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

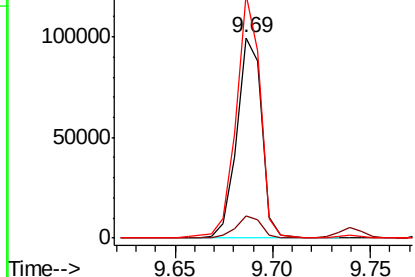
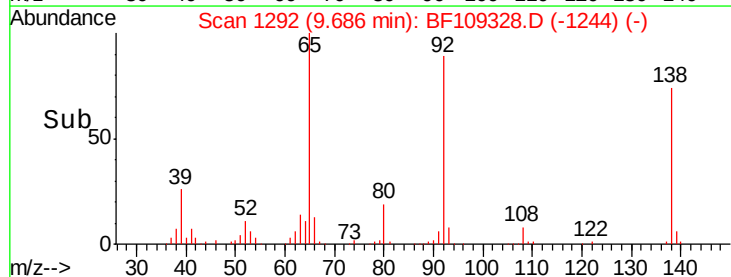


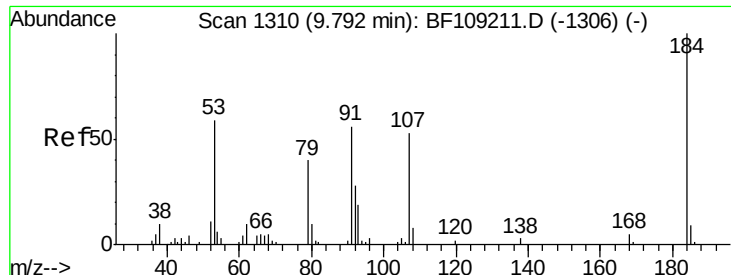
#52
3-Nitroaniline
Concen: 26.126 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:138 Resp: 88054
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 121.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

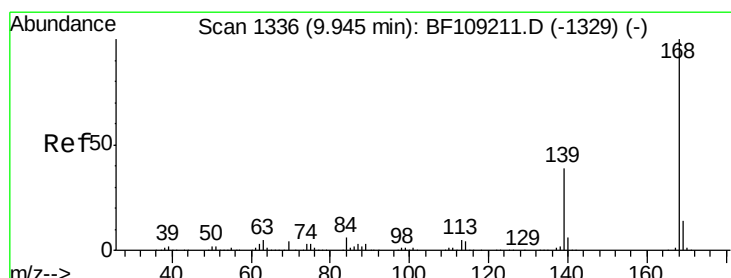
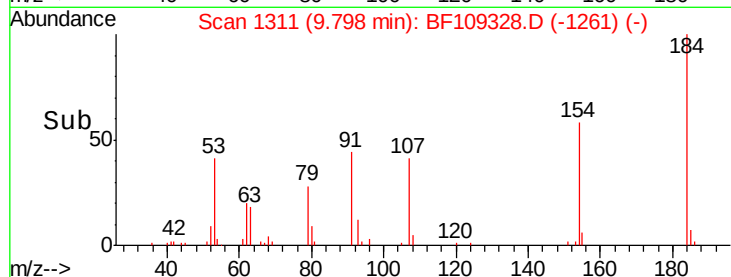
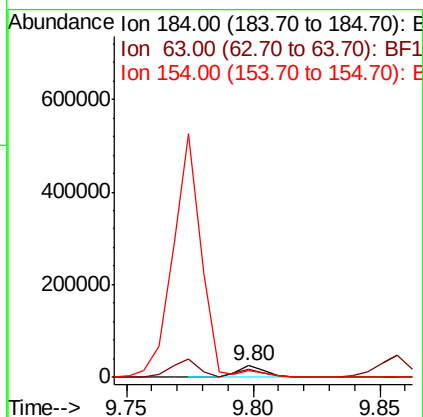
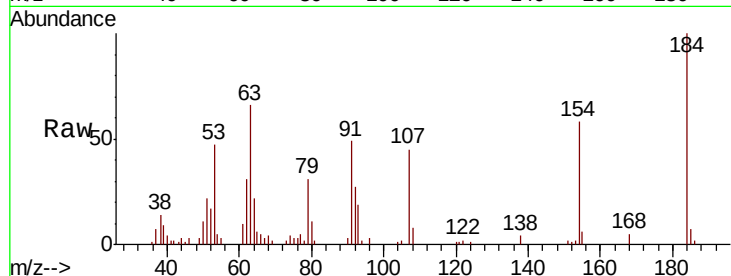




#53
 2,4-Dinitrophenol
 Concen: 26.898 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

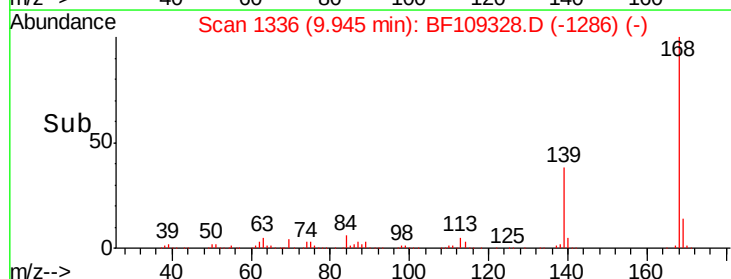
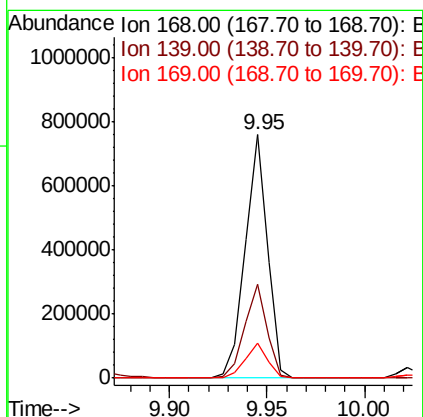
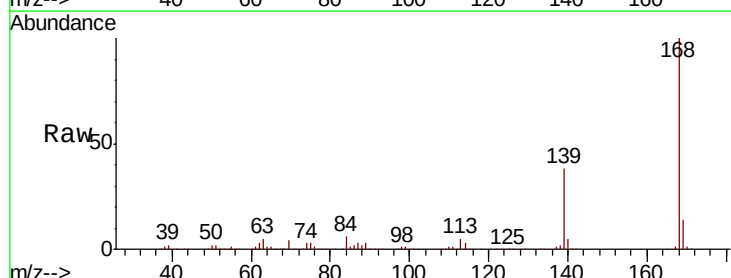
Instrument :
 BNA_F
 ClientSampleId :

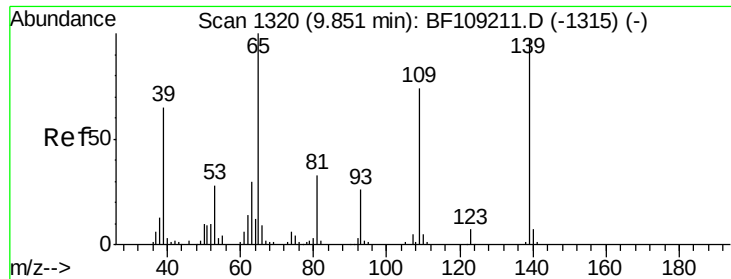
Tot Ion:184 Resp: 21242
 Ion Ratio Lower Upper
 184 100
 63 65.9 54.2 81.2
 154 57.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.782 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:168 Resp: 602590
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 14.2 10.9 16.3

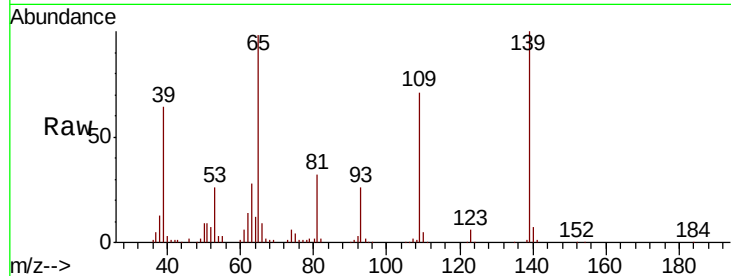




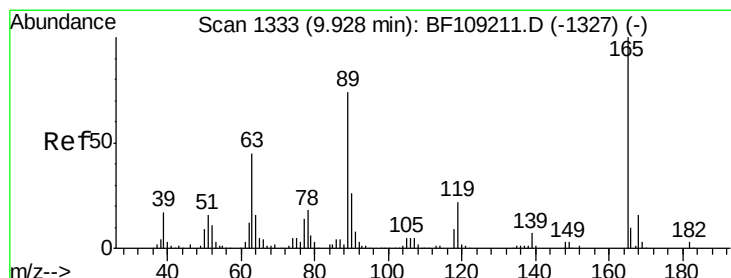
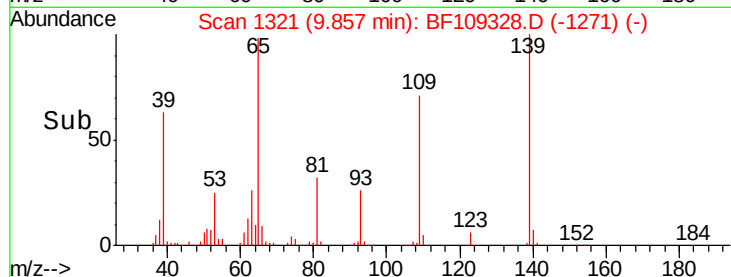
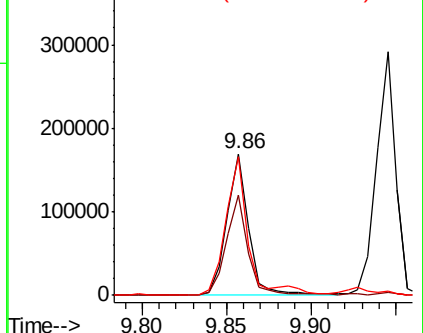
#55
4-Nitrophenol
Concen: 60.276 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 153038
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 98.3 72.6 112.6

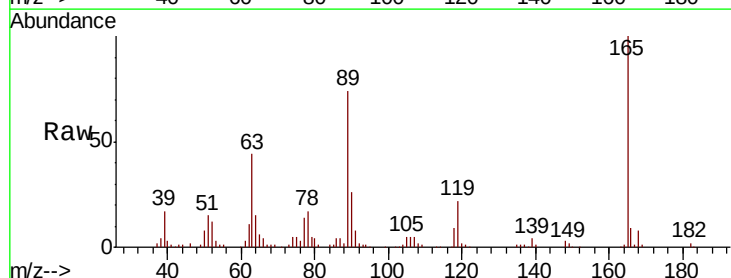


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

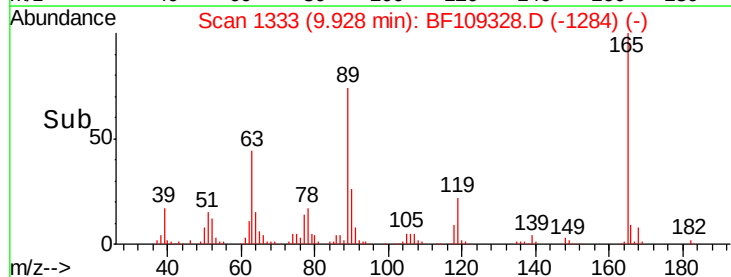
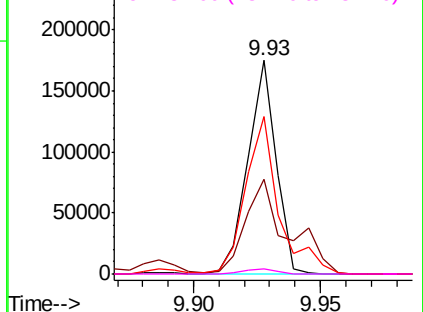


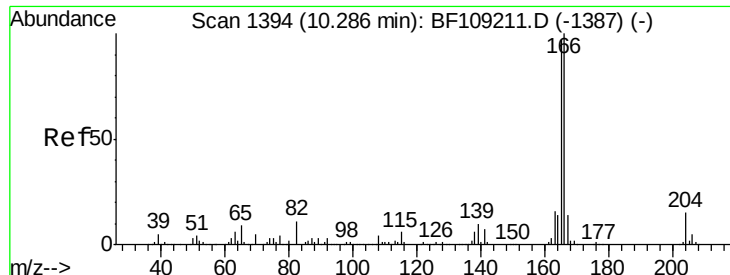
#56
2,4-Dinitrotoluene
Concen: 36.946 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:165 Resp: 136049
Ion Ratio Lower Upper
165 100
63 44.5 36.4 54.6
89 74.0 57.8 86.6
182 2.5 1.6 2.4#



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

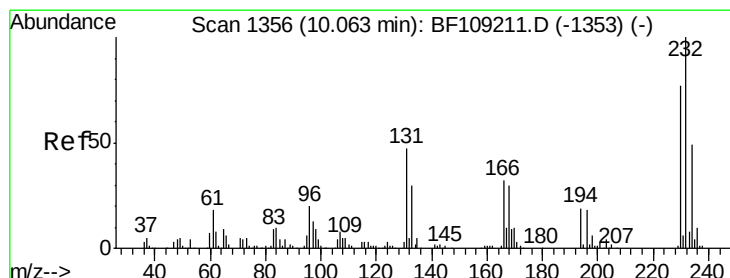
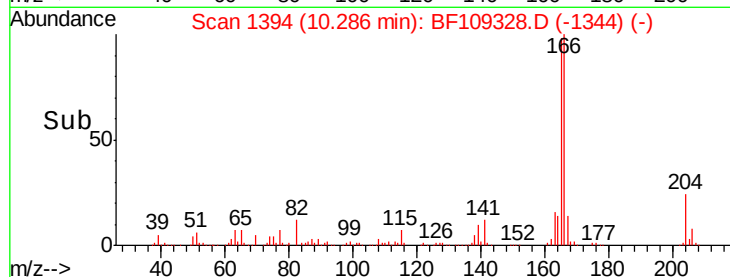
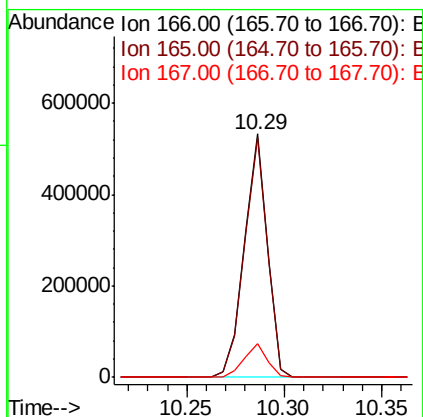
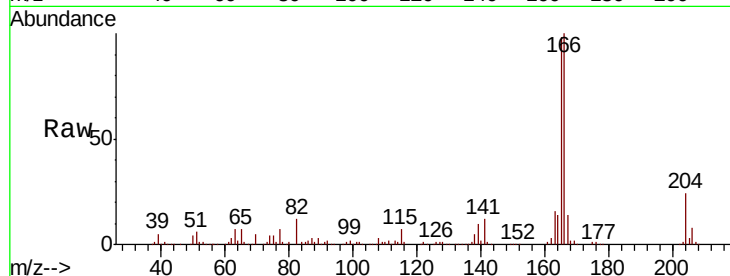




#57
 Fluorene
 Concen: 34.361 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

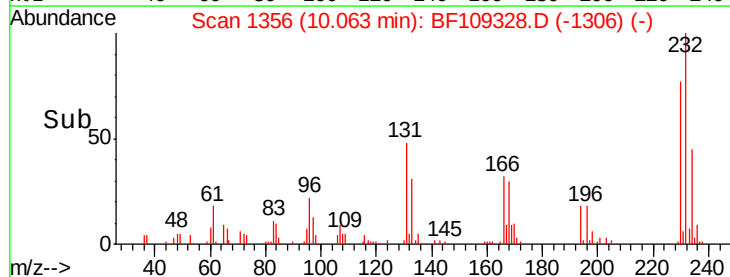
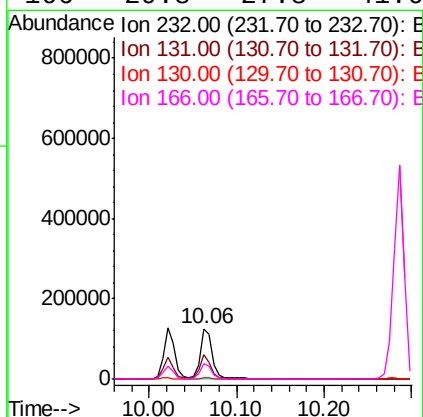
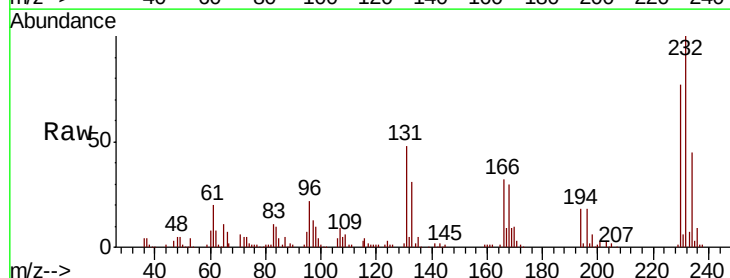
Instrument :
 BNA_F
 ClientSampleId :

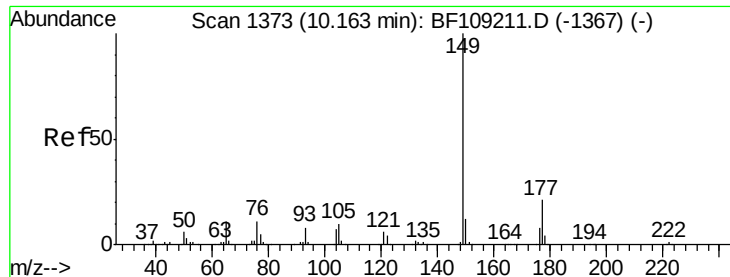
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.094 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	43.8	65.8#
130	2.1	2.1	3.1#
166	29.8	27.8	41.6

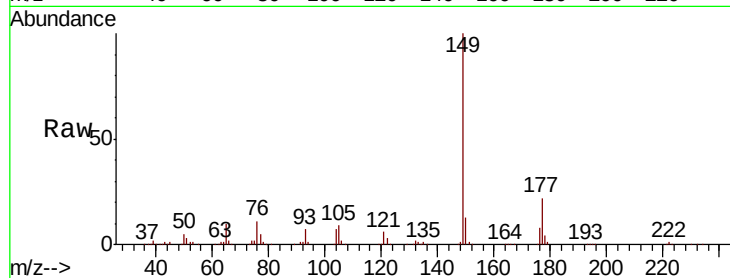




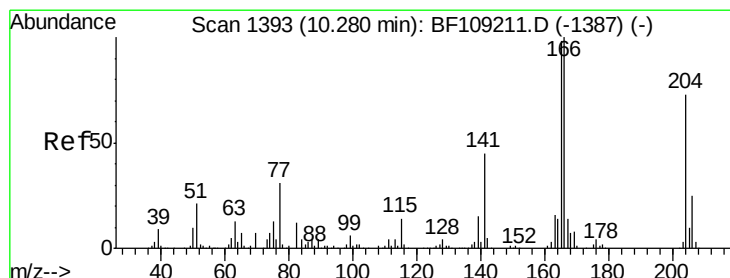
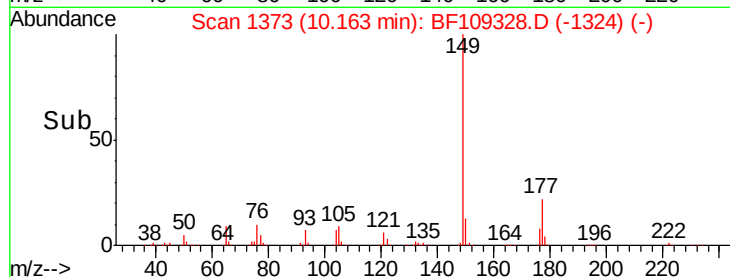
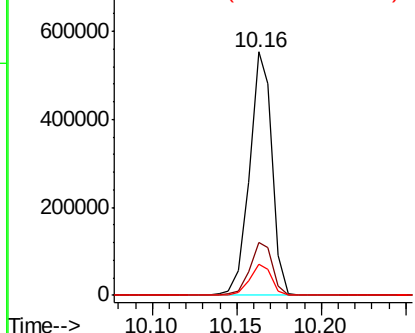
#59
Diethylphthalate
Concen: 34.527 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 513786
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1

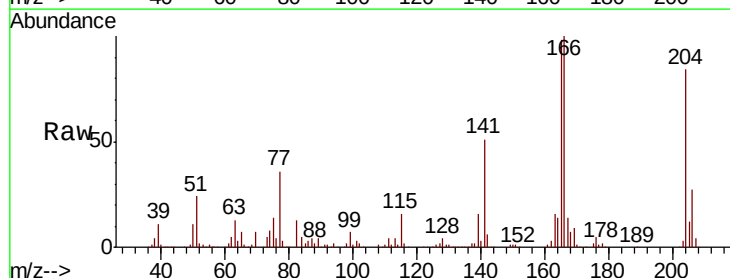


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

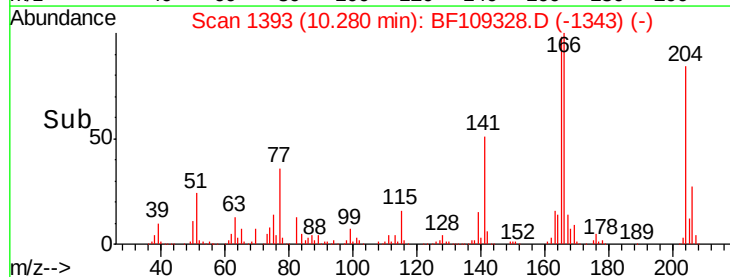
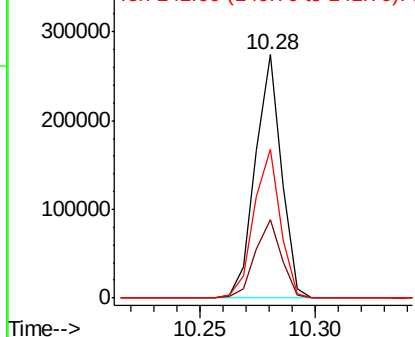


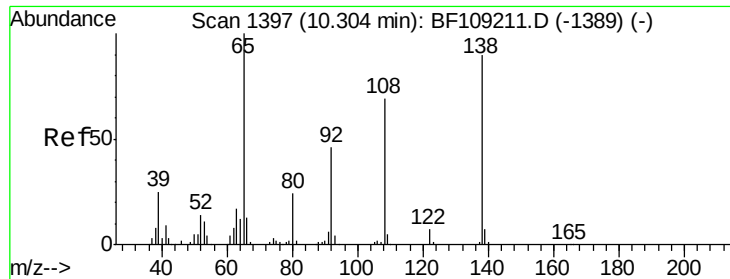
#60
4-Chlorophenyl-phenylether
Concen: 32.677 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:204 Resp: 217222
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 61.0 54.6 81.8



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

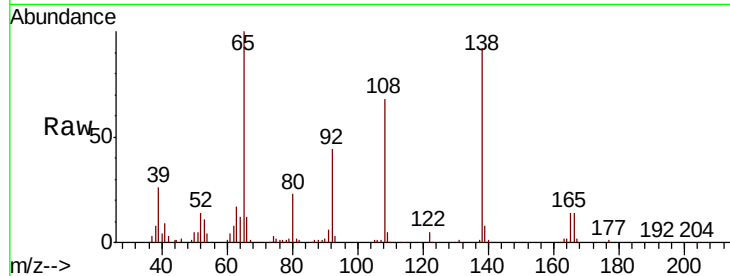




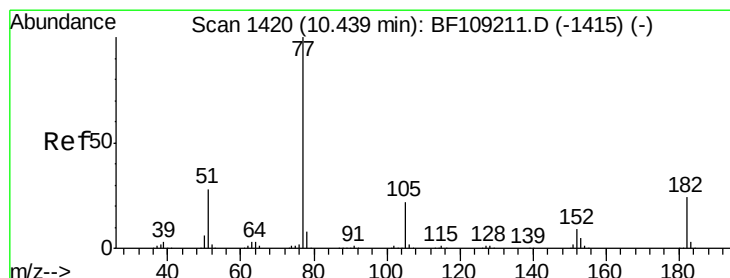
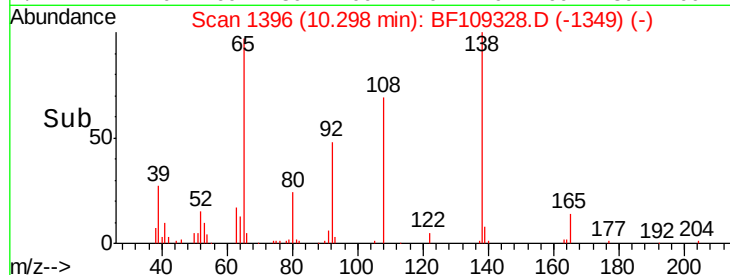
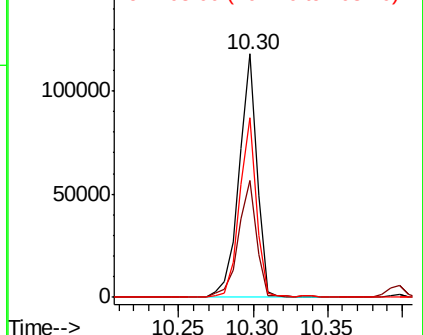
#61
4-Nitroaniline
Concen: 30.313 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 99636
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 73.7 52.5 92.5

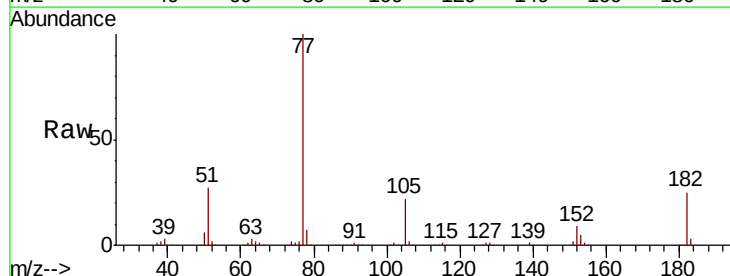


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

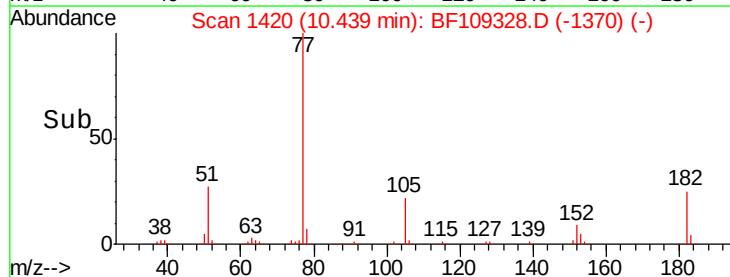
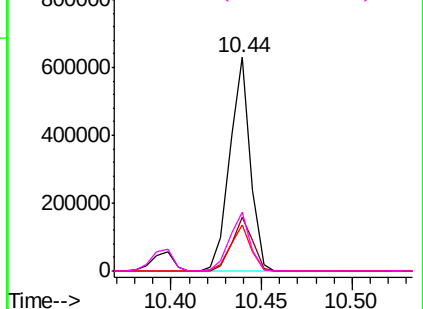


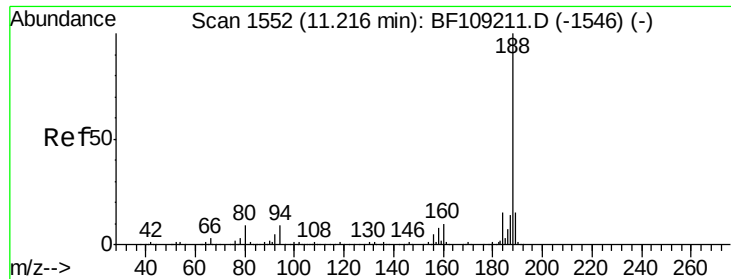
#62
Azobenzene
Concen: 31.965 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion: 77 Resp: 494194
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 21.8 3.0 43.0
51 27.5 9.9 49.9



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

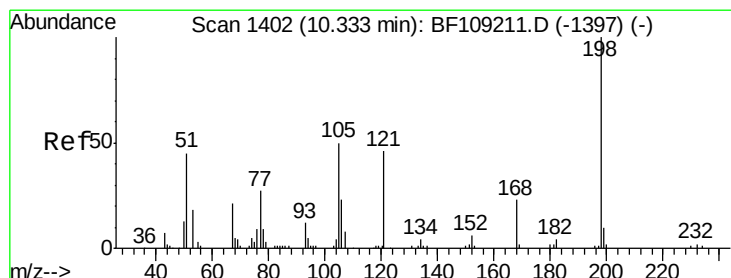
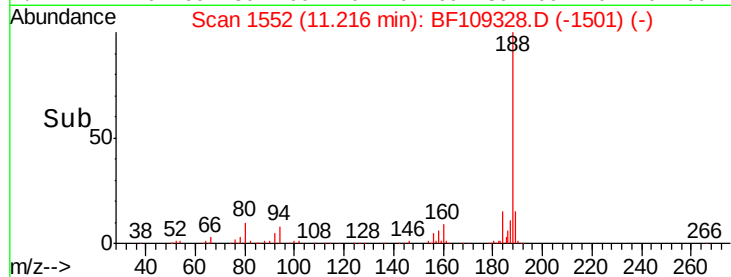
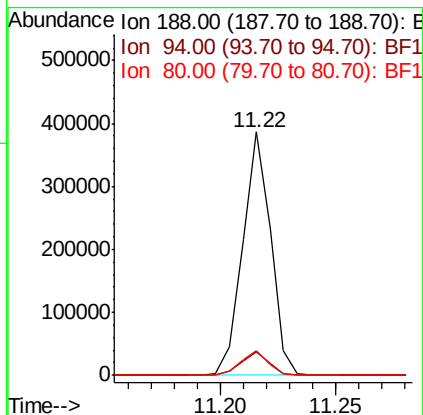
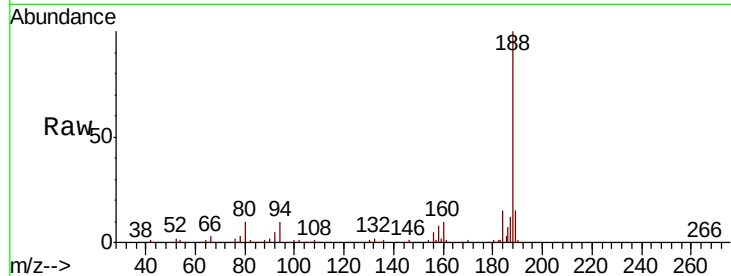




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

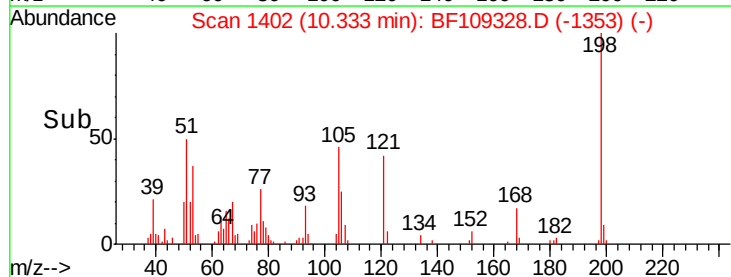
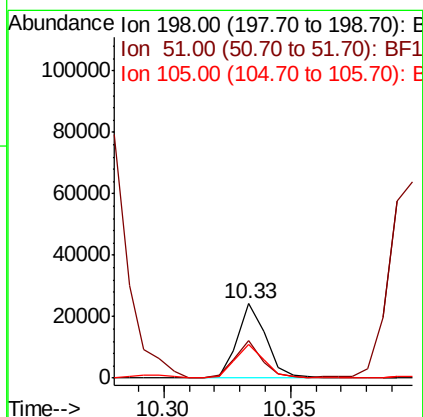
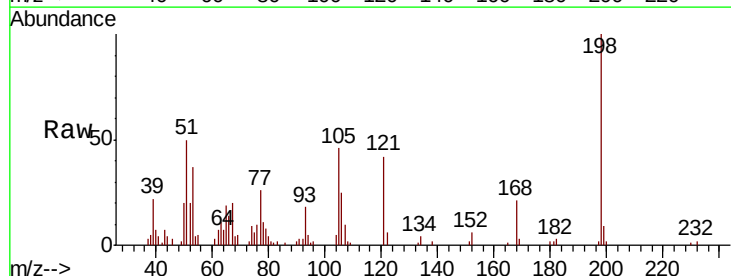
Instrument :
BNA_F
ClientSampled :

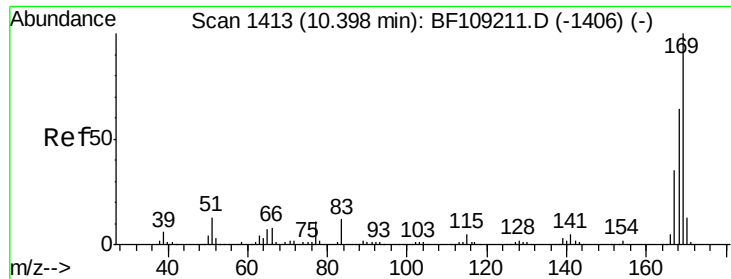
Tot Ion:188 Resp: 326443
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.094 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:198 Resp: 19012
Ion Ratio Lower Upper
198 100
51 50.3 37.7 77.7
105 46.0 36.3 76.3

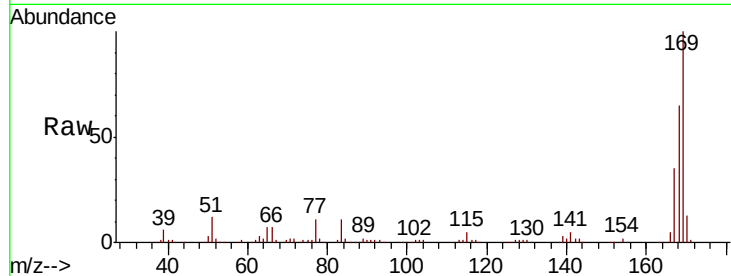




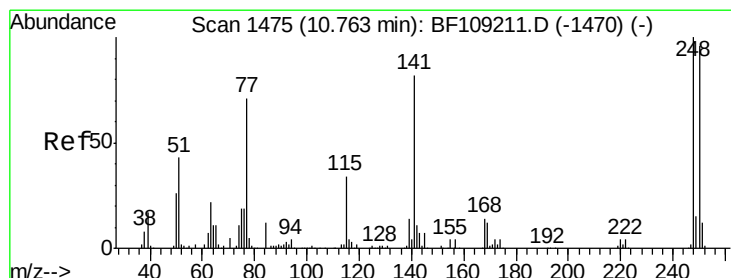
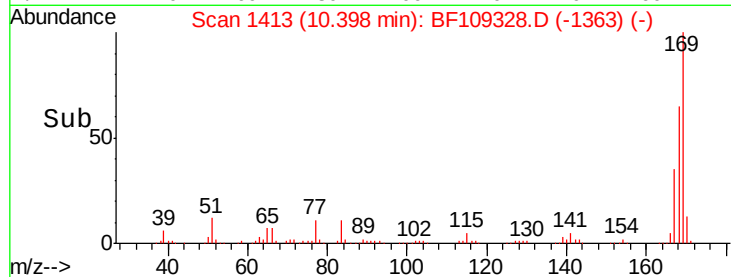
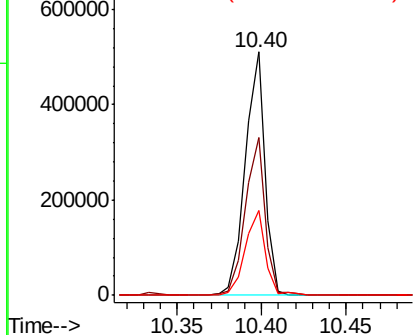
#65
 n-Nitrosodiphenylamine
 Concen: 38.694 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 417339
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 35.0 29.8 44.6

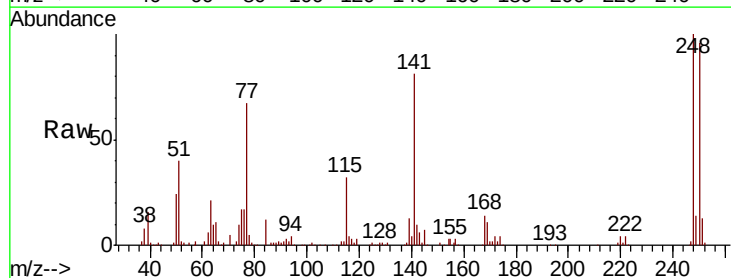


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

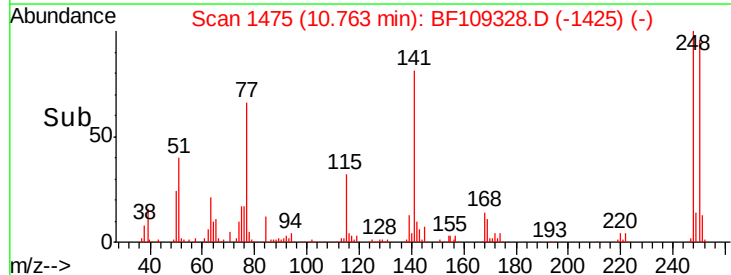
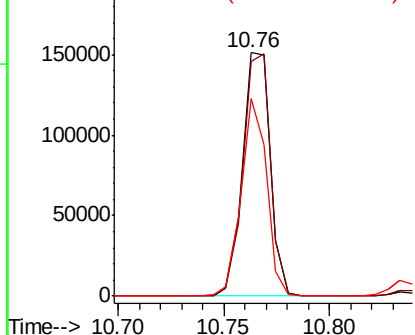


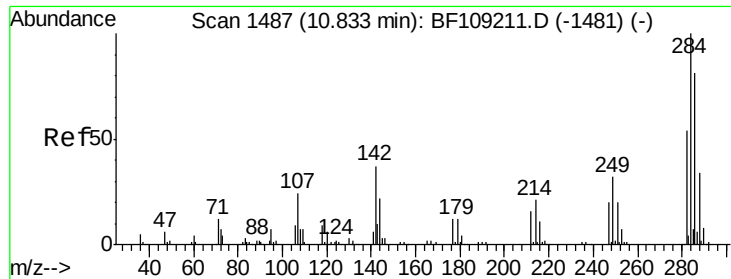
#66
 4-Bromophenyl-phenylether
 Concen: 38.106 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:248 Resp: 138134
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.9 115.3
 141 81.2 74.4 111.6



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

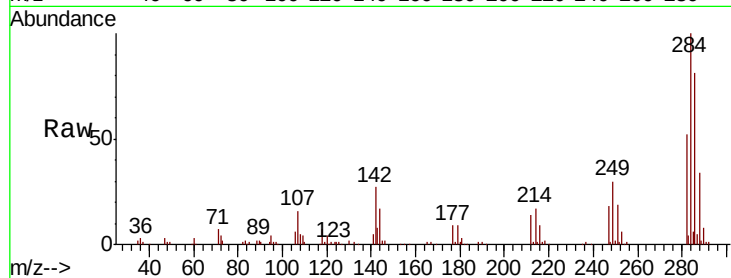




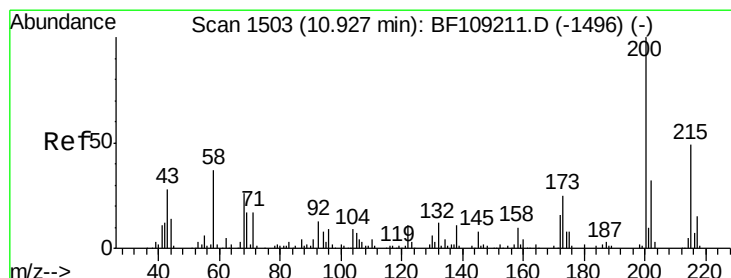
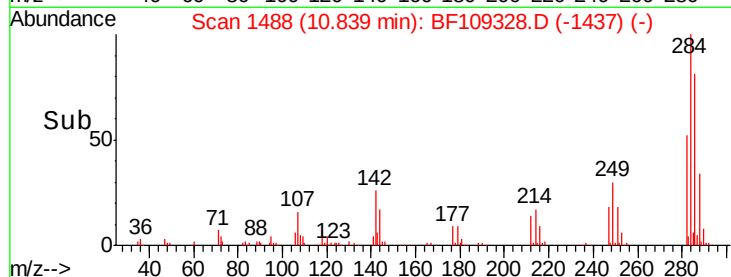
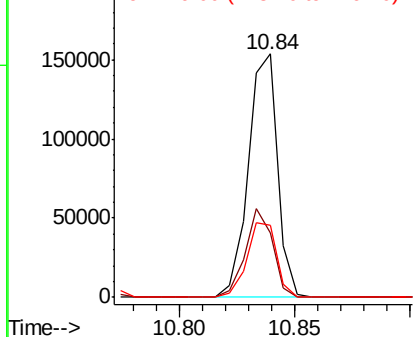
#67
Hexachlorobenzene
Concen: 35.352 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.5	34.6	52.0#
249	29.7	24.8	37.2

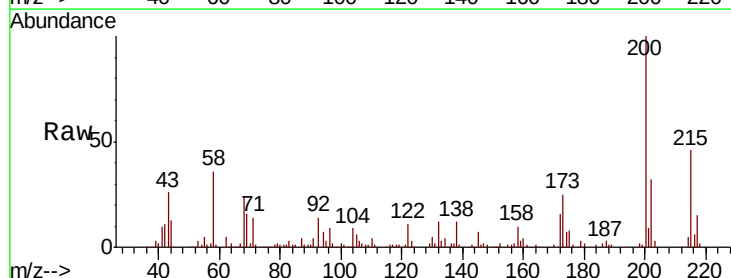


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

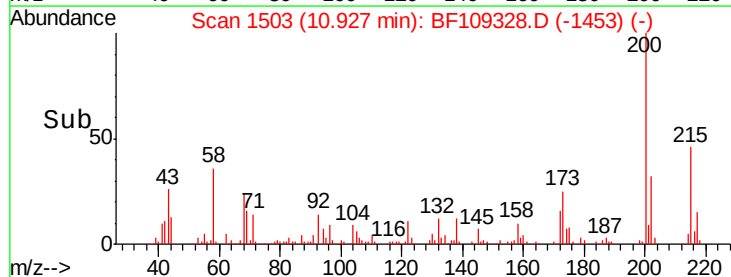
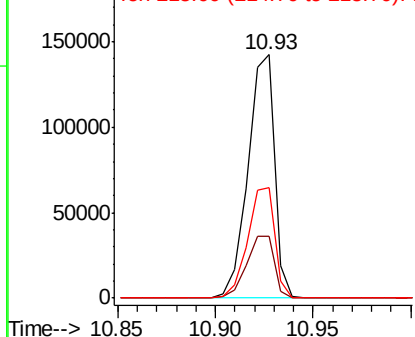


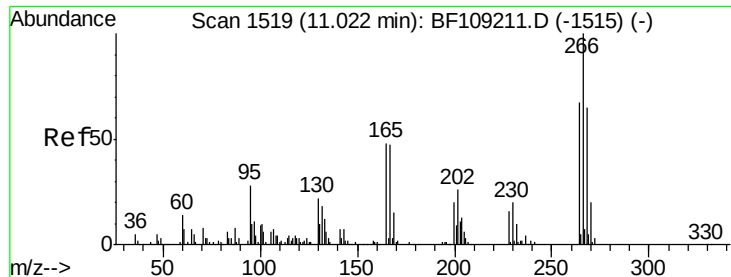
#68
Atrazine
Concen: 40.539 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	45.6	25.1	65.1



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

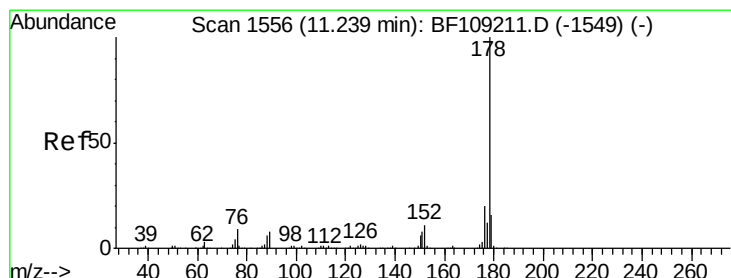
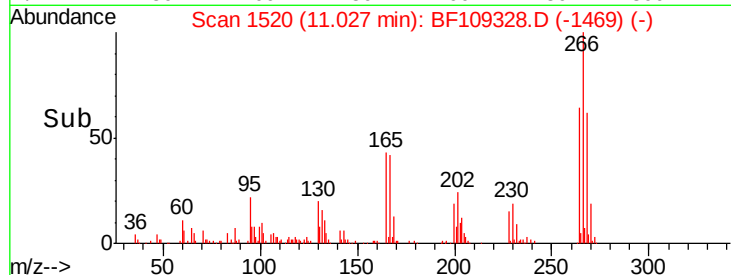
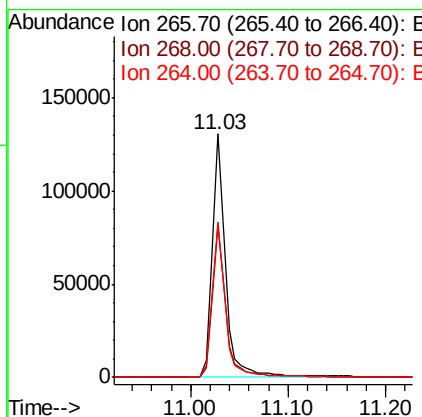
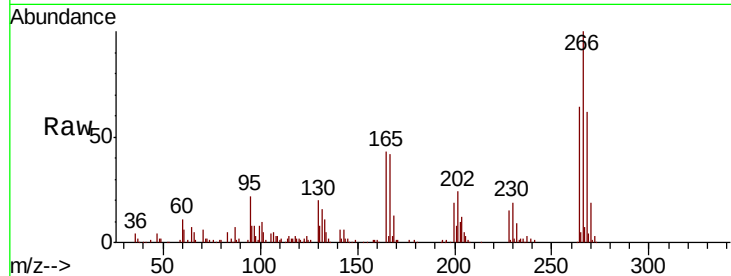




#69
 Pentachlorophenol
 Concen: 54.340 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

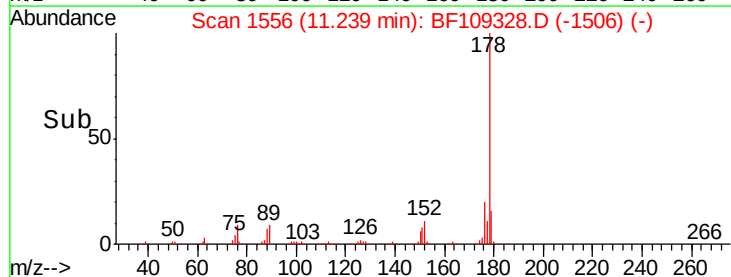
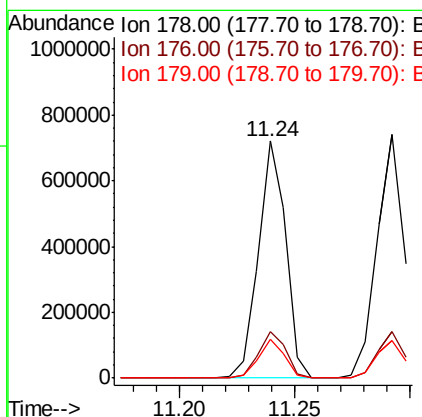
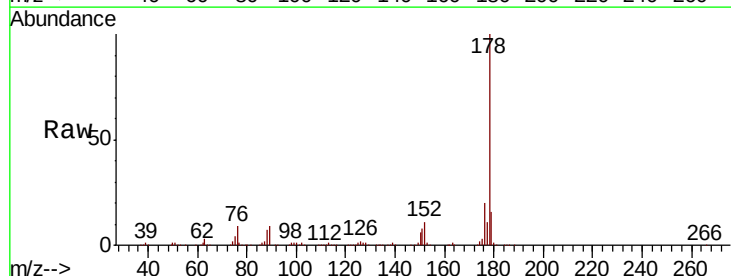
Instrument :
 BNA_F
 ClientSampleId :

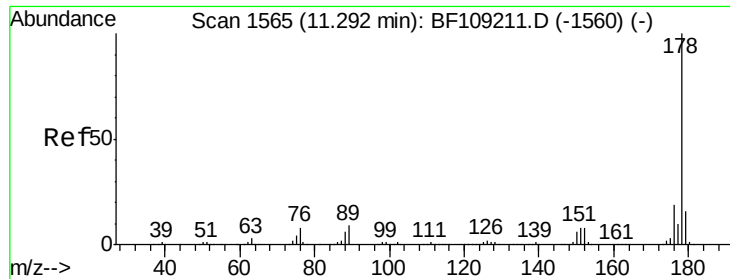
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.6	49.5	74.3



#70
 Phenanthrene
 Concen: 36.523 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6

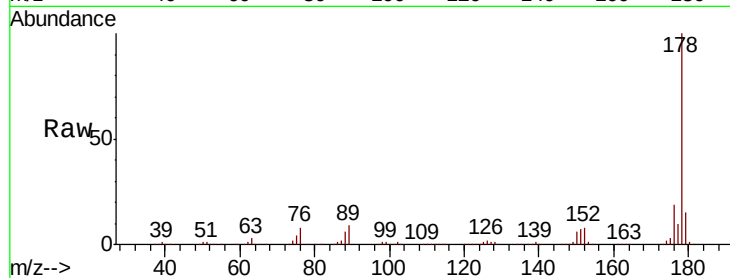




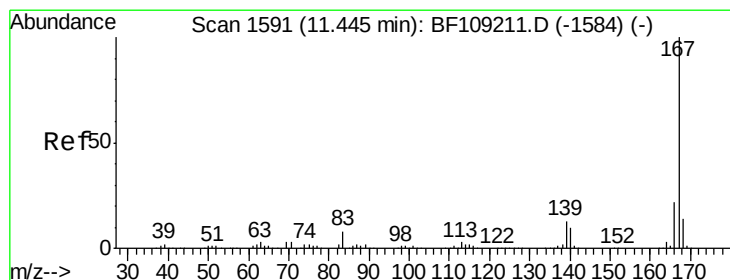
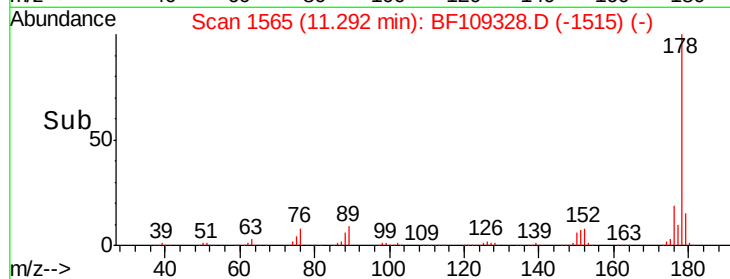
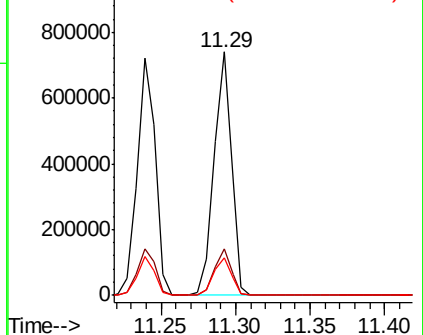
#71
 Anthracene
 Concen: 36.566 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	19.0

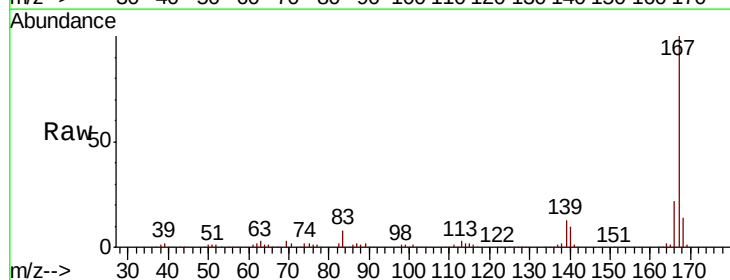


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

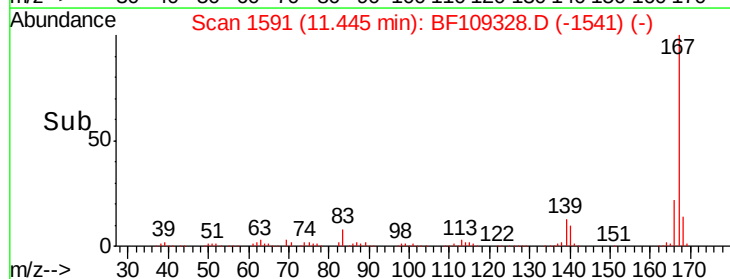
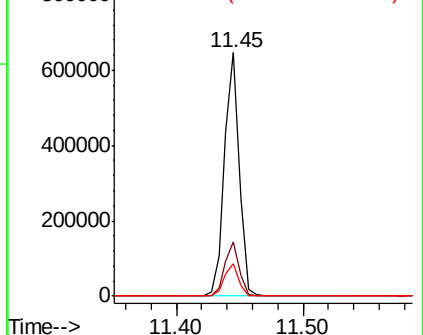


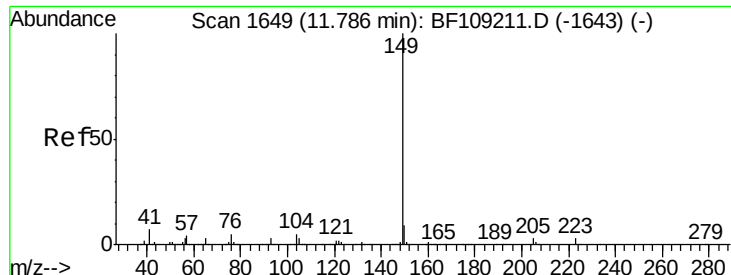
#72
 Carbazole
 Concen: 31.992 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	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

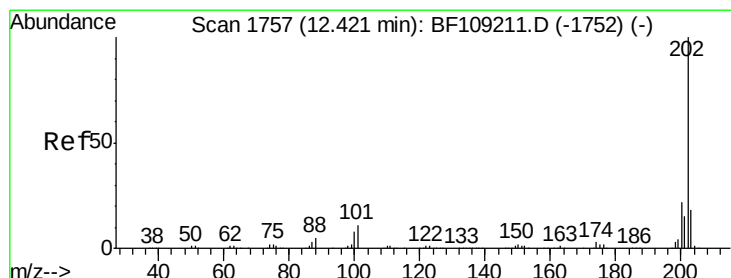
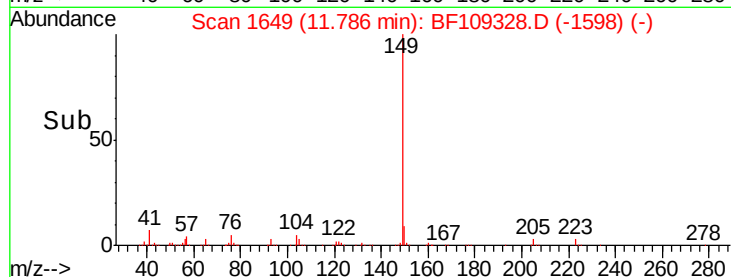
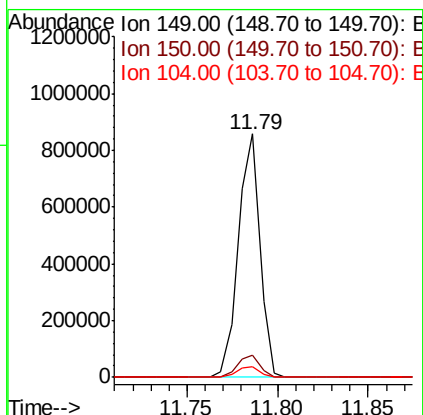
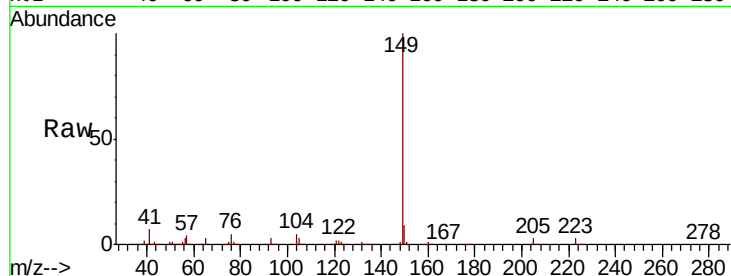




#73
Di-n-butylphthalate
Concen: 37.483 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

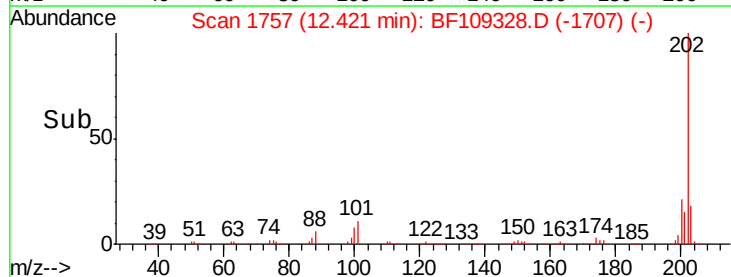
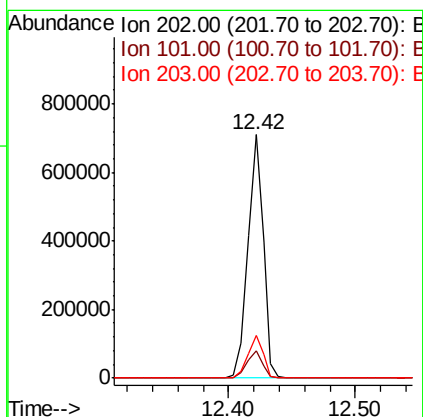
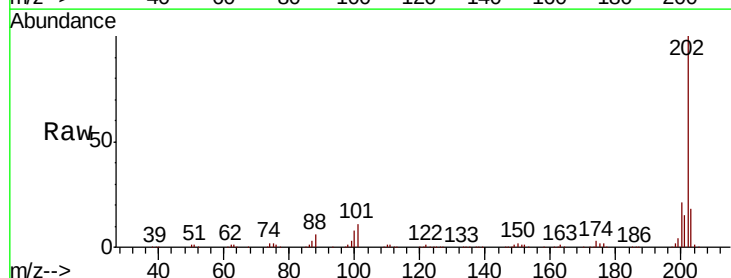
Instrument :
BNA_F
ClientSampled :

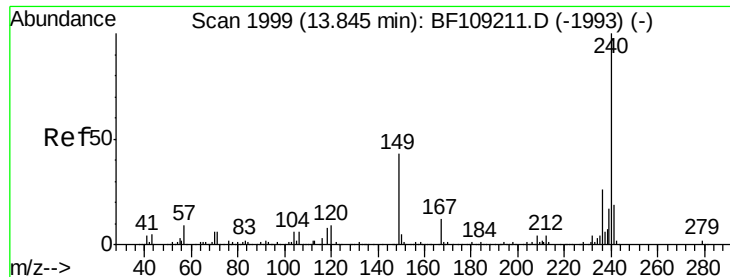
Tot Ion:149 Resp: 709764
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 34.125 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:202 Resp: 594409
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

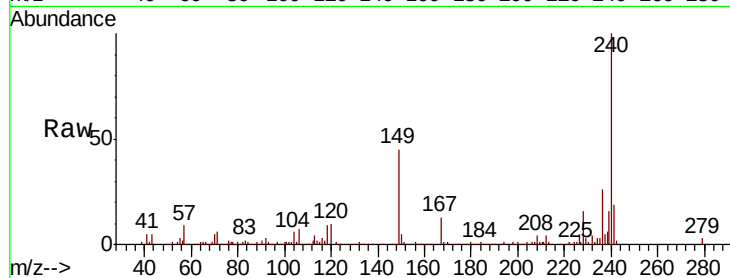
Tot Ion:240 Resp: 239722

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

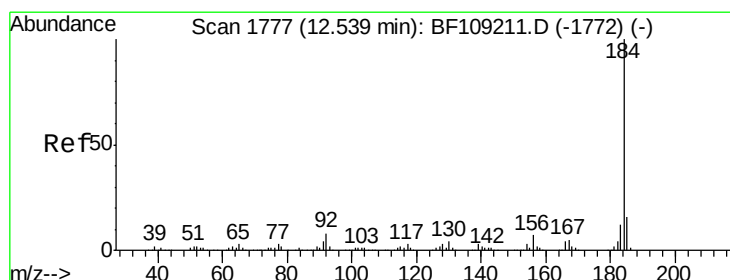
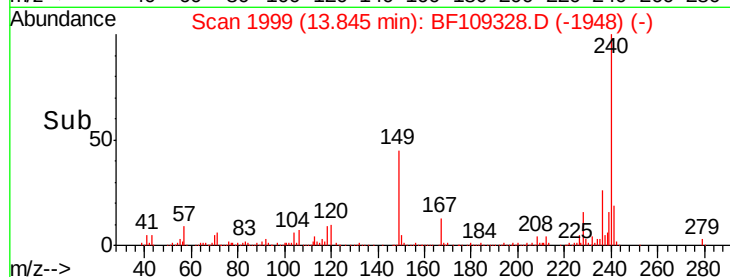
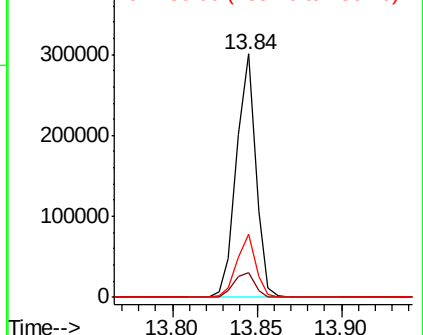
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.361 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

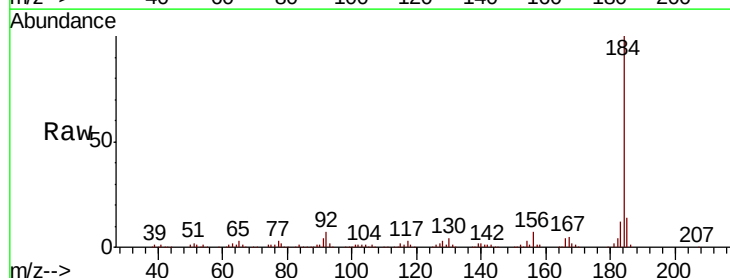
Tgt Ion:184 Resp: 322919

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

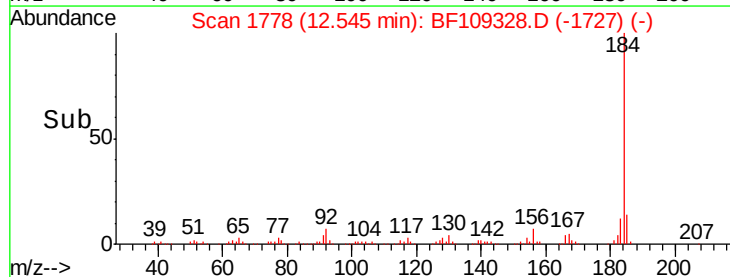
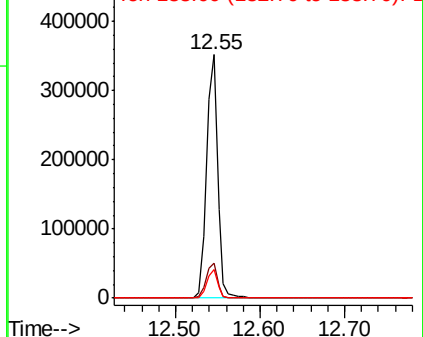
183 11.7 9.3 13.9

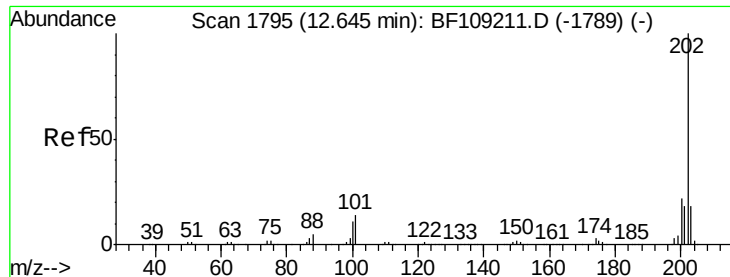


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

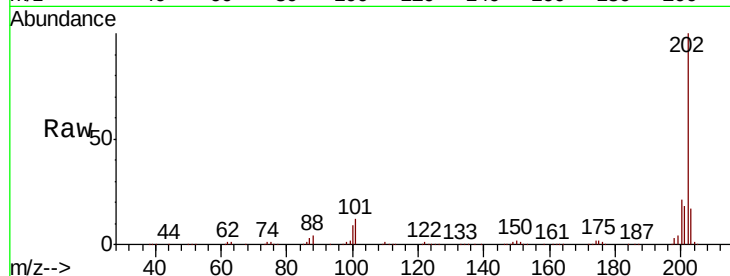




#77
Pvrene
Concen: 34.949 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.7	14.3	21.5

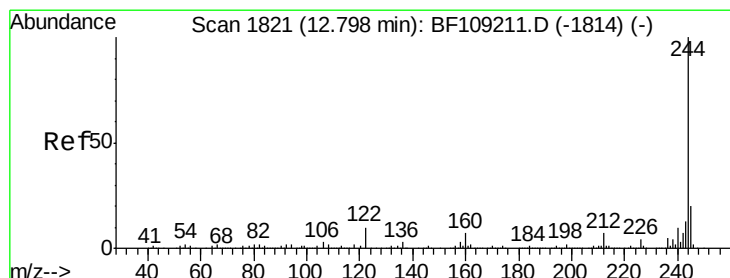
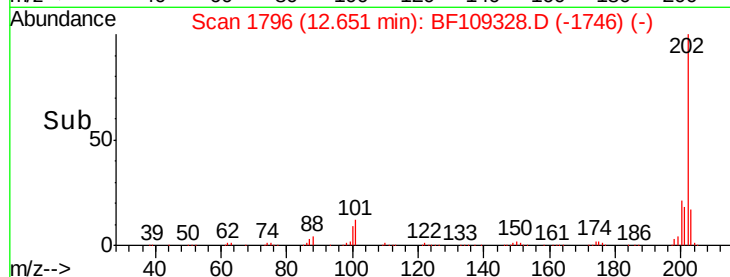
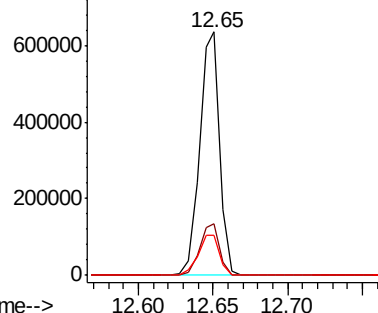


Abundance

Ion 202.00 (201.70 to 202.70): E

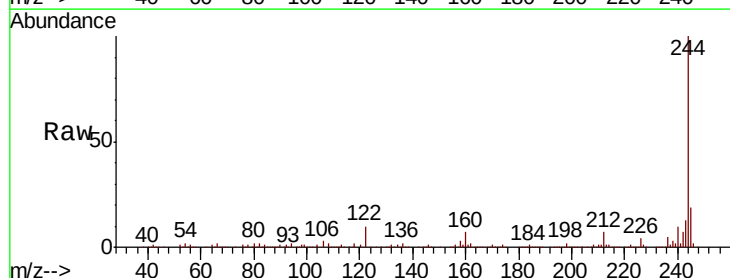
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 82.740 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4

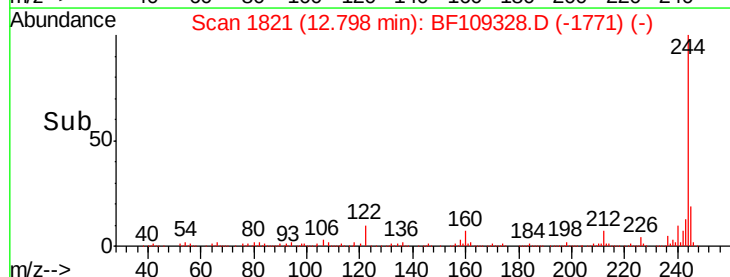
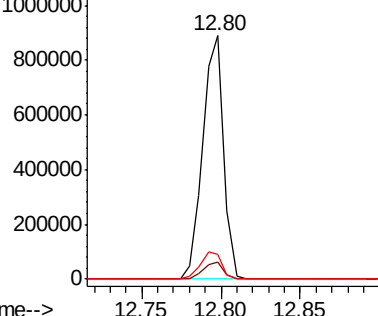


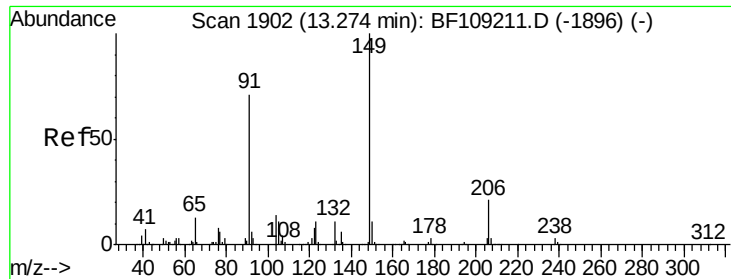
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

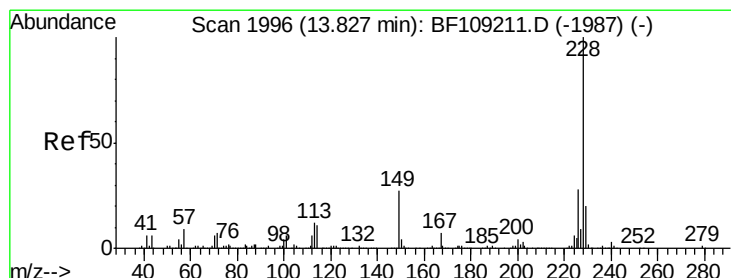
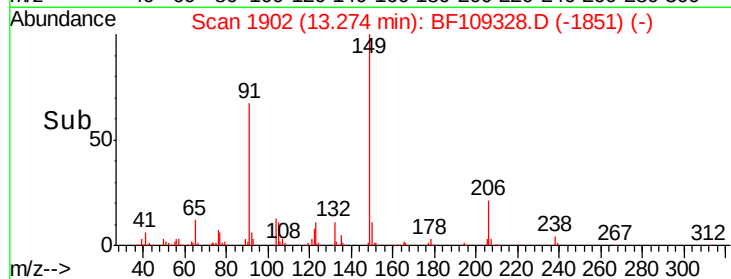
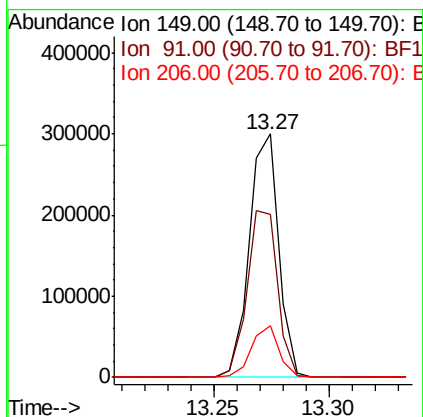
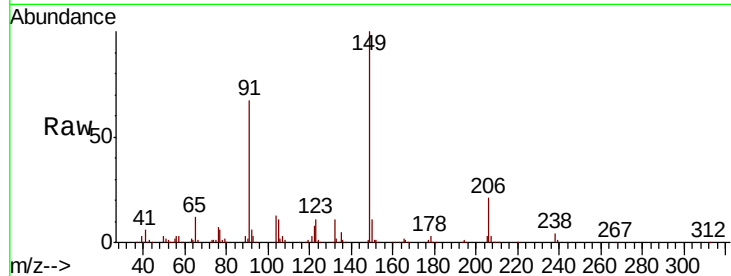




#79
Butylbenzylphthalate
Concen: 36.580 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

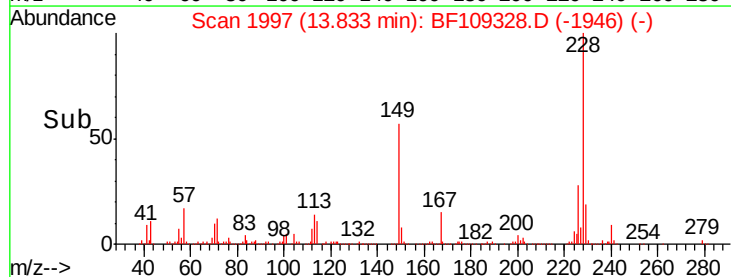
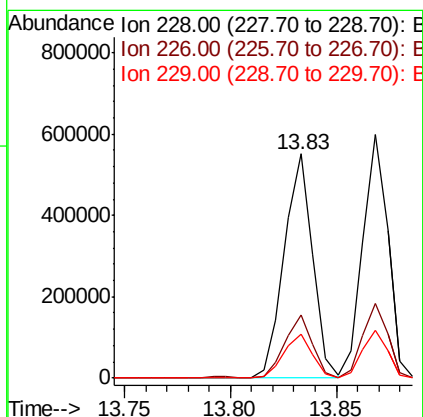
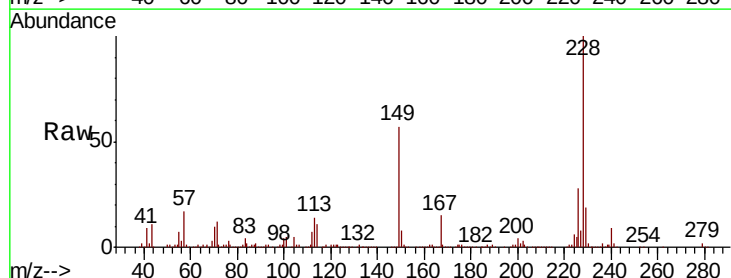
Instrument :
BNA_F
ClientSampleId :

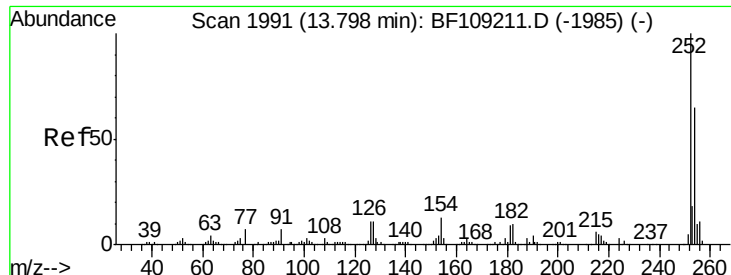
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 35.849 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.4	15.8	23.6

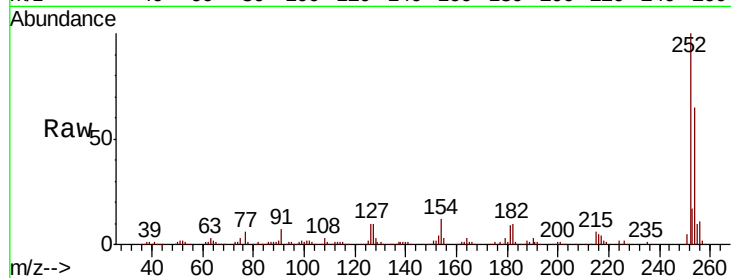




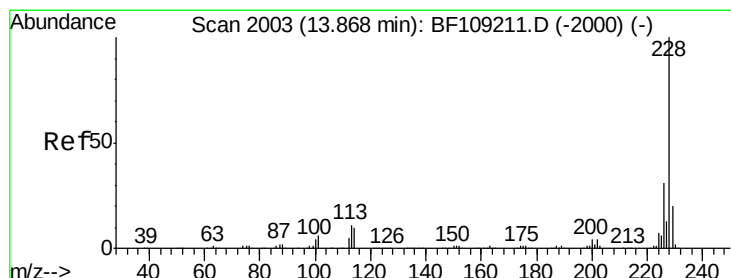
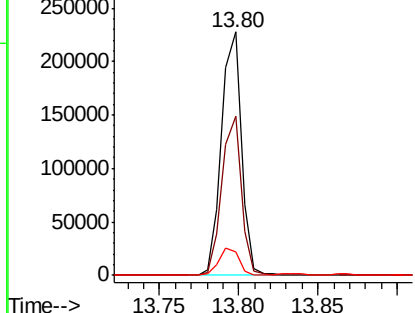
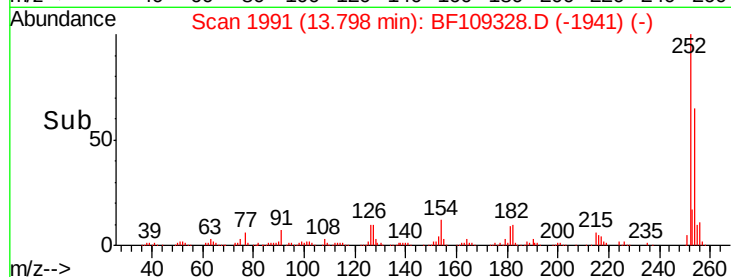
#81
 3,3'-Dichlorobenzidine
 Concen: 36.539 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.8	11.3	16.9#

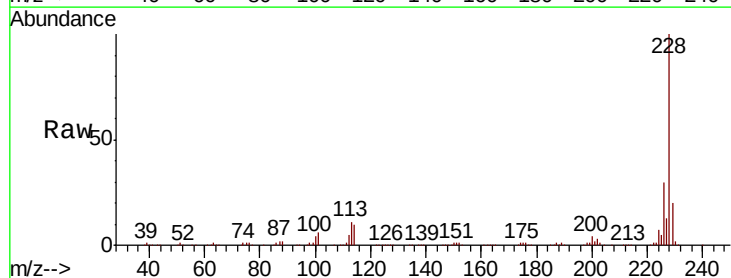


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

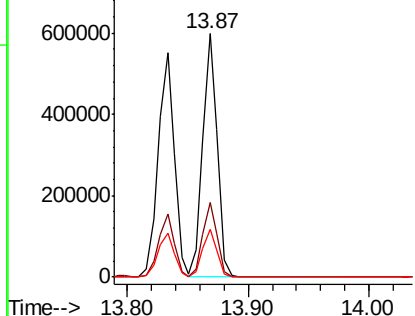
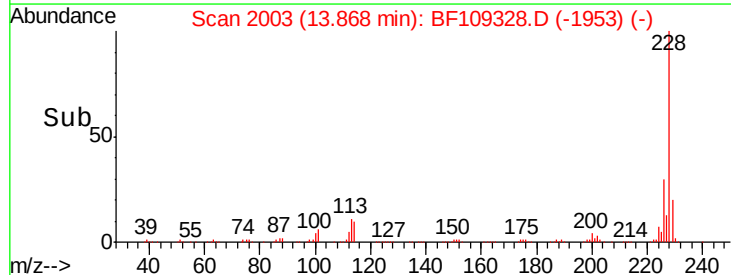


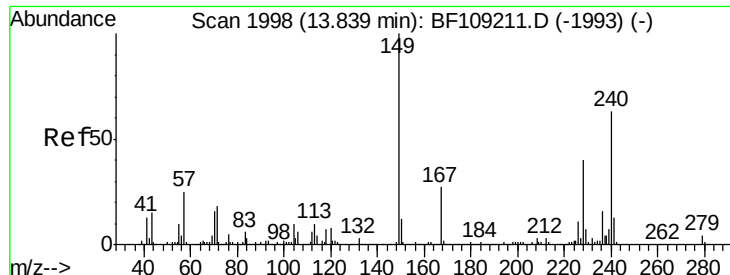
#82
 Chrysene
 Concen: 34.984 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4



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

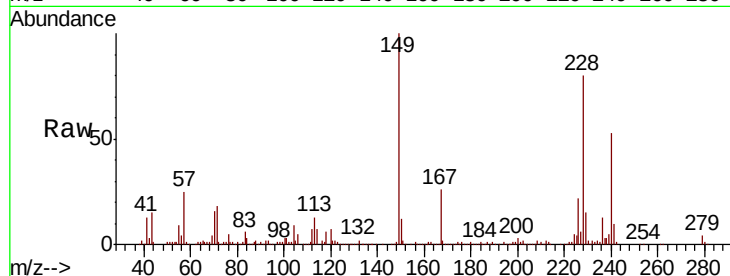




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.857 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4

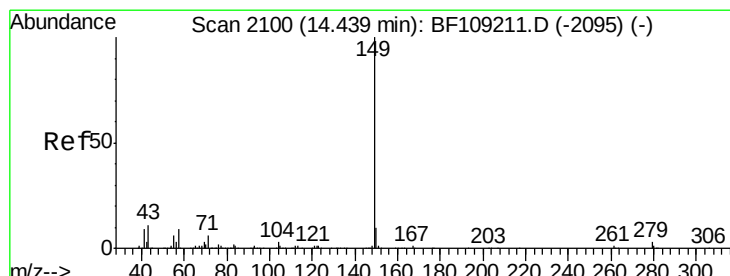
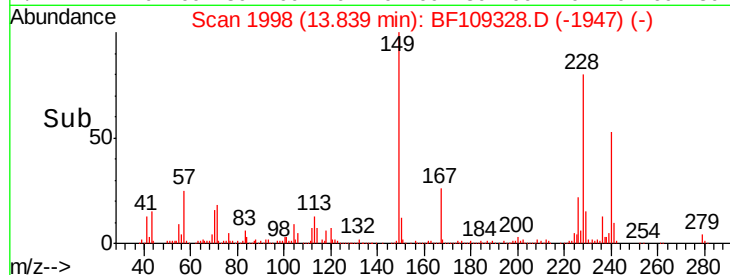
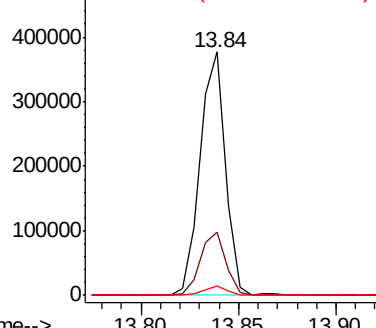


Abundance

Ion 149.00 (148.70 to 149.70): E

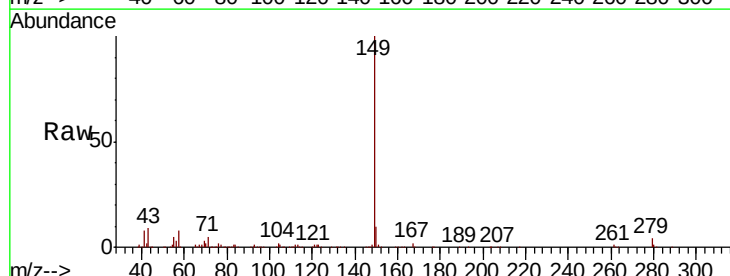
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 39.035 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6

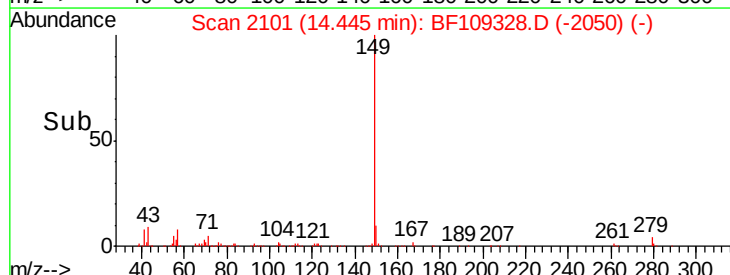
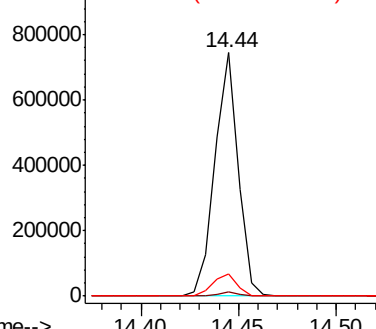


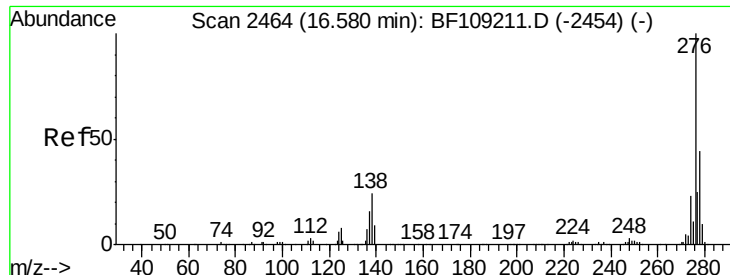
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

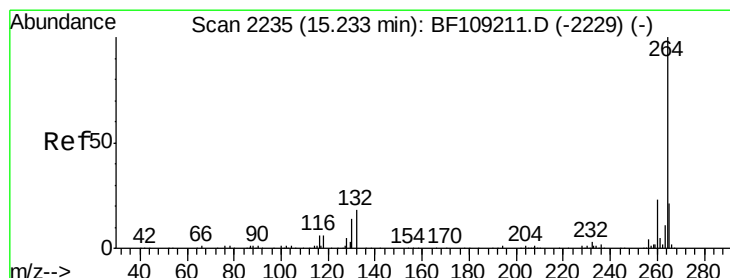
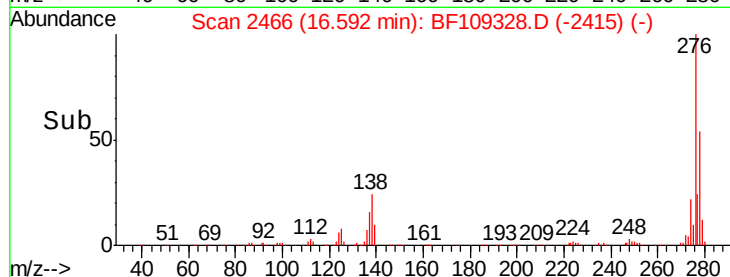
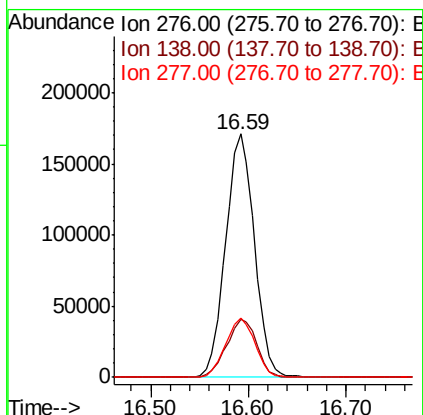
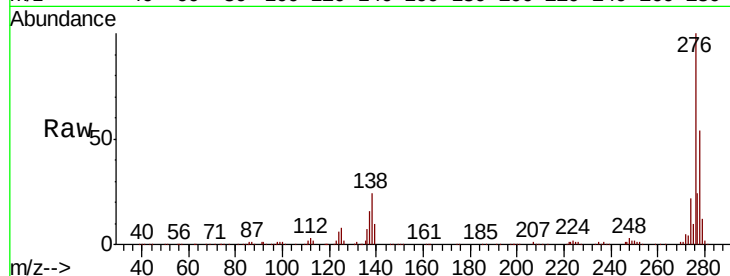




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.141 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

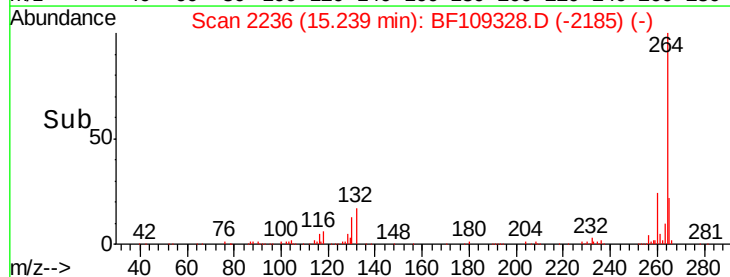
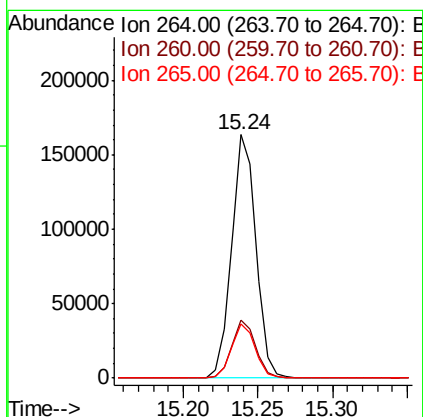
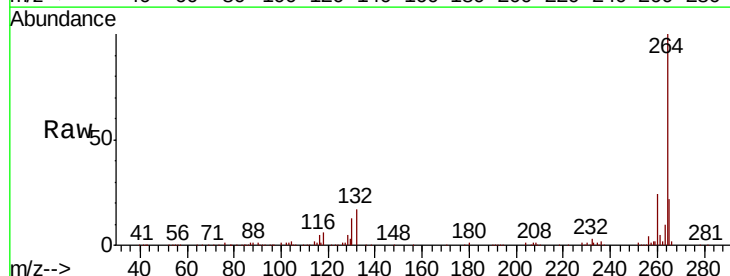
Instrument :
 BNA_F
 ClientSampleId :

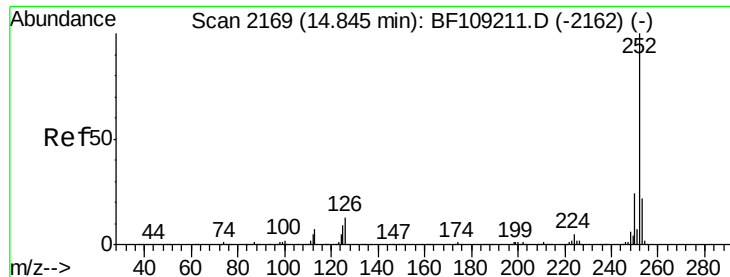
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

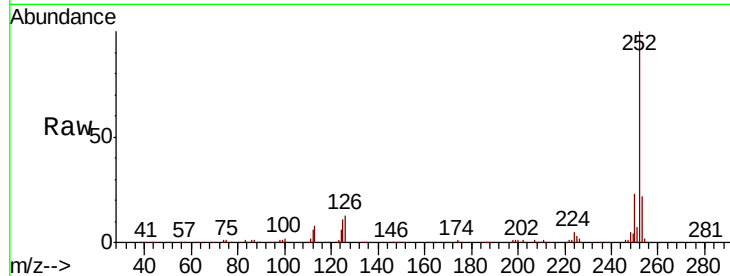




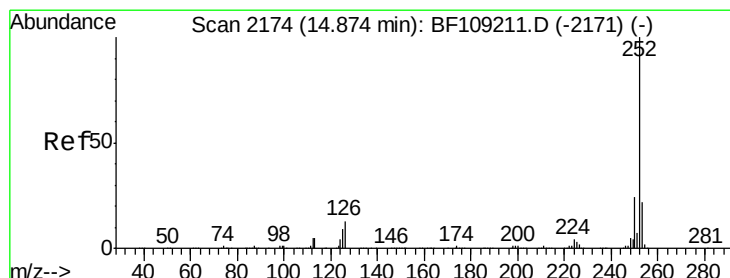
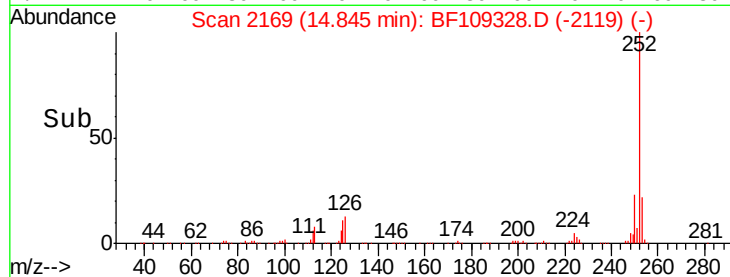
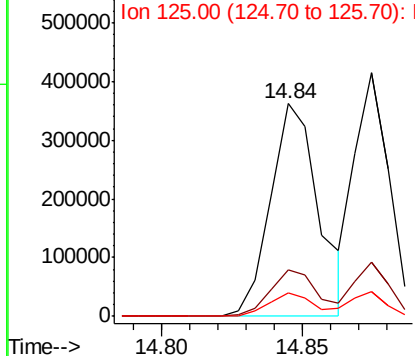
#87
Benzo(b)fluoranthene
Concen: 41.574 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 428834
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.3 9.0 13.6

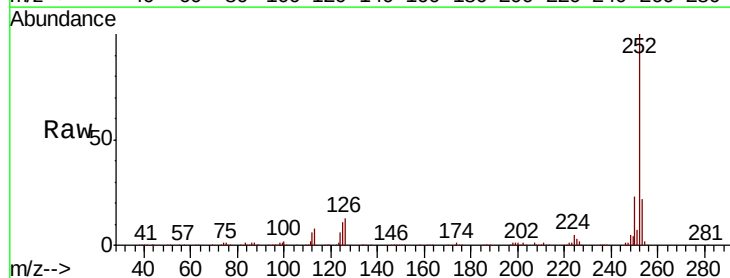


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

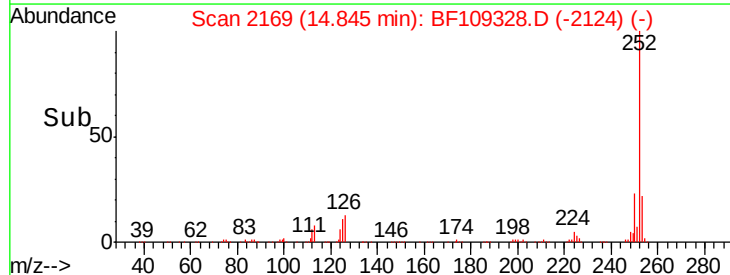
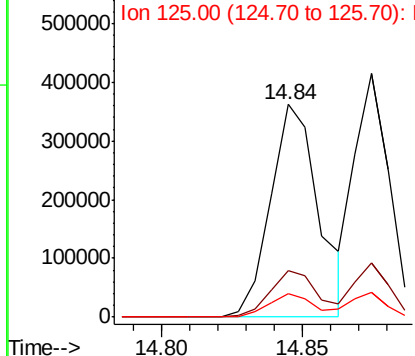


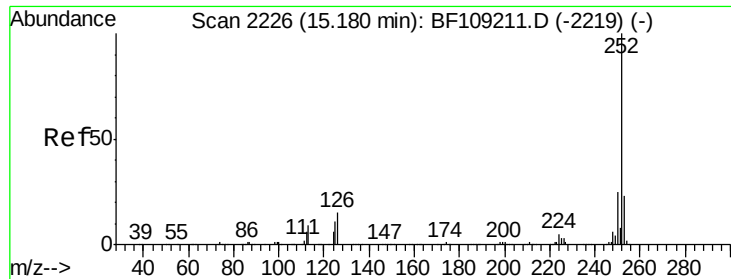
#88
Benzo(k)fluoranthene
Concen: 43.811 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion:252 Resp: 428834
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.237 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

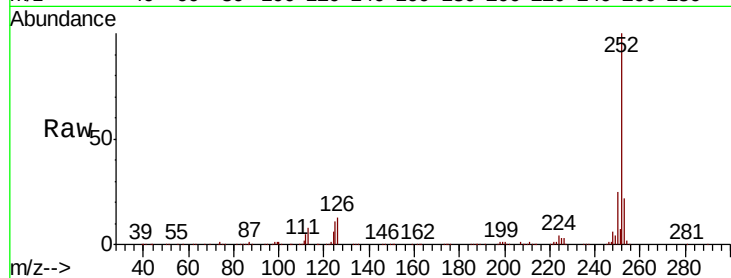
Tot Ion:252 Resp: 346109

Ion Ratio Lower Upper

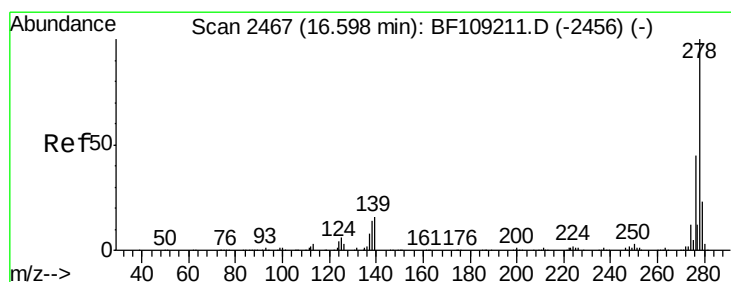
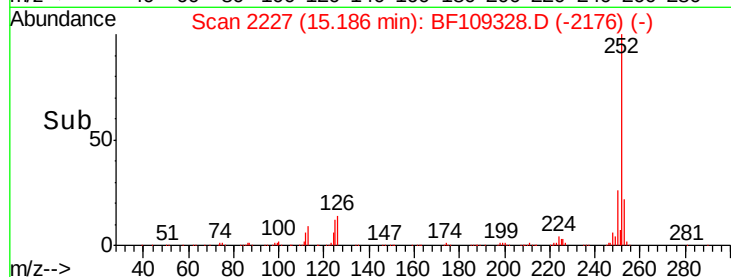
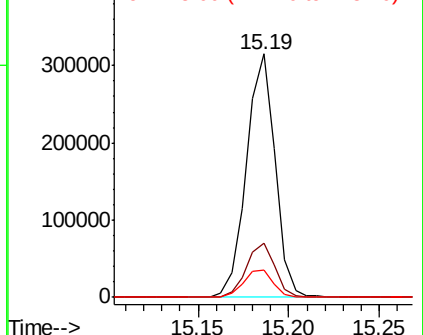
252 100

253 22.2 17.1 25.7

125 11.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.284 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

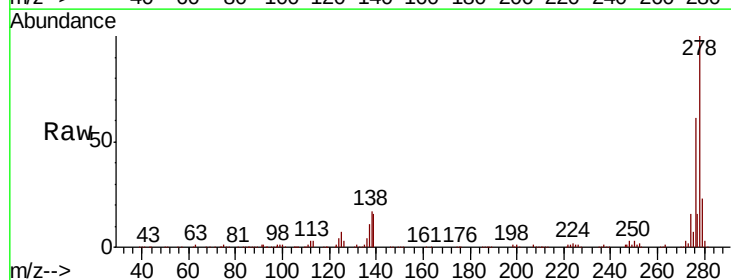
Tgt Ion:278 Resp: 291928

Ion Ratio Lower Upper

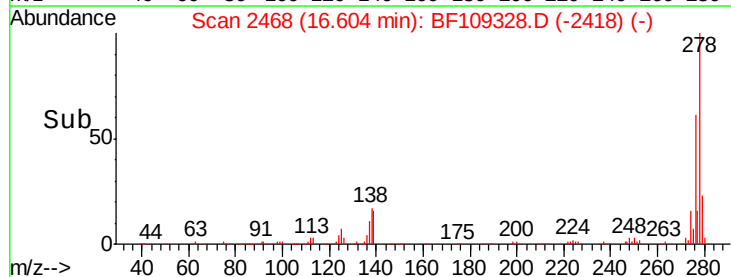
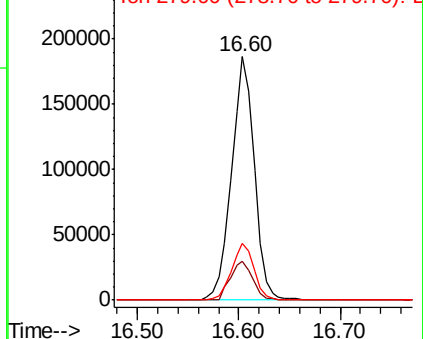
278 100

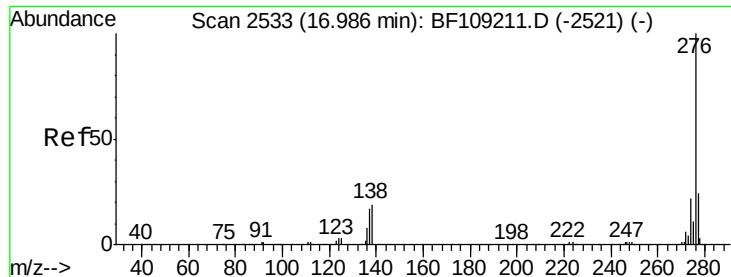
139 15.9 15.9 23.9#

279 23.3 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: 38.770 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

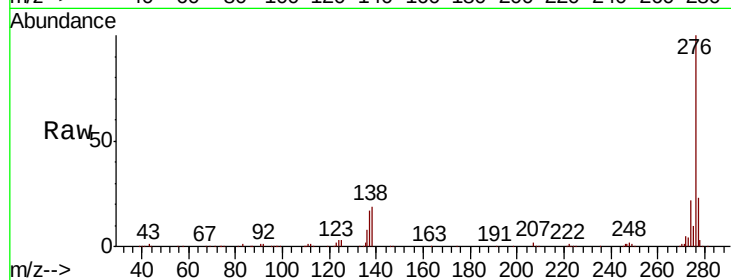
Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :



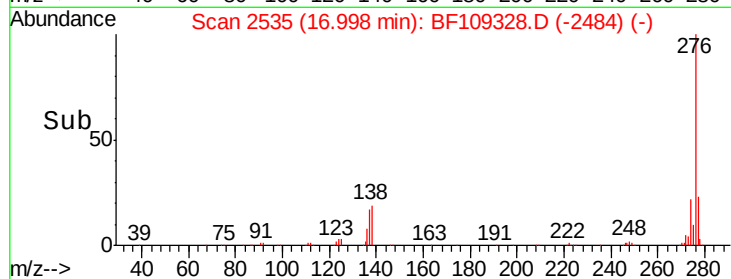
Tot Ion: 276 Resp: 290552

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 19.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

