

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109180.D
 Acq On : 20 Sep 2018 14:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 15:02:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124061	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	499272	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237974	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	469545	20.00	ng	0.00
75) Chrysene-d12	13.86	240	321145	20.00	ng	0.00
86) Perylene-d12	15.26	264	288757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	601407	80.51	ng	0.00
7) Phenol-d6	6.36	99	773370	80.29	ng	0.00
23) Nitrobenzene-d5	7.28	82	715501	80.38	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	214515	83.06	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1264322	83.24	ng	0.00
78) Terphenyl-d14	12.81	244	1089527	80.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	135361	38.069	ng	93
3) Pyridine	3.10	79	362413	38.449	ng	90
4) n-Nitrosodimethylamine	3.04	42	145905	40.987	ng	# 96
6) Aniline	6.38	93	493615	39.650	ng	100
8) 2-Chlorophenol	6.51	128	338508	40.496	ng	98
9) Benzaldehyde	6.27	77	248387	40.379	ng	97
10) Phenol	6.37	94	433480	39.998	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	336857	39.509	ng	97
12) 1,3-Dichlorobenzene	6.67	146	388154	40.604	ng	99
13) 1,4-Dichlorobenzene	6.74	146	390270	40.694	ng	98
14) 1,2-Dichlorobenzene	6.90	146	359901	40.479	ng	99
15) Benzyl Alcohol	6.87	79	301988	41.299	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	464607	38.032	ng	94
17) 2-Methylphenol	6.98	107	270916	39.725	ng	97
18) Hexachloroethane	7.24	117	141230	40.547	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	246854	38.774	ng	97
20) 3+4-Methylphenols	7.14	107	329509	40.118	ng	# 65
22) Acetophenone	7.13	105	444211	39.178	ng	# 92
24) Nitrobenzene	7.31	77	369838	40.298	ng	97
25) Isophorone	7.55	82	587950	38.424	ng	99
26) 2-Nitrophenol	7.62	139	176573	41.203	ng	97
27) 2,4-Dimethylphenol	7.67	122	262445	39.041	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	396051	38.463	ng	100
29) 2,4-Dichlorophenol	7.86	162	285163	39.808	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	304982	39.386	ng	97
31) Naphthalene	8.02	128	917388	39.588	ng	99
32) Benzoic acid	7.78	122	128434	29.240	ng	97
33) 4-Chloroaniline	8.07	127	407825	39.582	ng	99
34) Hexachlorobutadiene	8.15	225	191660	40.543	ng	99
35) Caprolactam	8.45	113	91048	38.985	ng	# 85
36) 4-Chloro-3-methylphenol	8.56	107	298202	39.544	ng	100
37) 2-Methylnaphthalene	8.72	142	588761	38.976	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	303153	40.474	ng	98
40) Hexachlorocyclopentadiene	8.88	237	145714	38.612	ng	97

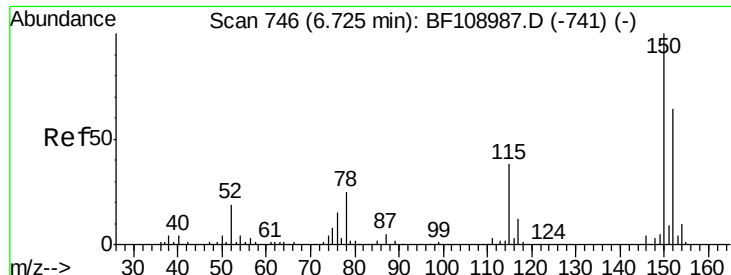
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109180.D
 Acq On : 20 Sep 2018 14:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 15:02:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	206721	41.062	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	216738	41.197	ng	93
45) 1,1'-Biphenyl	9.18	154	769750	40.430	ng	98
46) 2-Chloronaphthalene	9.20	162	612390	40.163	ng	100
47) 2-Nitroaniline	9.30	65	192863	41.145	ng	95
48) Acenaphthylene	9.61	152	925936	40.278	ng	99
49) Dimethylphthalate	9.48	163	682261	40.112	ng	99
50) 2,6-Dinitrotoluene	9.54	165	155429	41.206	ng	94
51) Acenaphthene	9.79	154	573344	40.052	ng	99
52) 3-Nitroaniline	9.71	138	178624	40.216	ng	98
53) 2,4-Dinitrophenol	9.81	184	54191	37.278	ng	# 16
54) Dibenzofuran	9.96	168	818826	39.583	ng	97
55) 4-Nitrophenol	9.87	139	127942	39.097	ng	96
56) 2,4-Dinitrotoluene	9.94	165	205068	41.571	ng	# 95
57) Fluorene	10.30	166	576073	41.789	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178212	40.910	ng	# 88
59) Diethylphthalate	10.18	149	678541	39.505	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	310380	42.047	ng	94
61) 4-Nitroaniline	10.32	138	175482	41.585	ng	99
62) Azobenzene	10.45	77	693095	39.421	ng	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	84508	37.617	ng	87
65) n-Nitrosodiphenylamine	10.41	169	604721	39.372	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	209914	39.655	ng	# 86
67) Hexachlorobenzene	10.85	284	225656	39.854	ng	93
68) Atrazine	10.94	200	193805	39.418	ng	96
69) Pentachlorophenol	11.04	266	143549	39.626	ng	99
70) Phenanthrene	11.25	178	900977	39.144	ng	99
71) Anthracene	11.31	178	928931	39.813	ng	99
72) Carbazole	11.46	167	902640	39.080	ng	100
73) Di-n-butylphthalate	11.80	149	1027691	38.011	ng	99
74) Fluoranthene	12.44	202	946041	38.933	ng	97
76) Benzydine	12.55	184	592305	52.102	ng	100
77) Pyrene	12.67	202	965106	40.458	ng	100
79) Butylbenzylphthalate	13.29	149	421568	39.568	ng	96
80) Benzo(a)anthracene	13.85	228	761939	39.188	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	298576	38.055	ng	# 95
82) Chrysene	13.88	228	758379	38.985	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	503134	39.002	ng	99
84) Di-n-octyl phthalate	14.46	149	838355	38.319	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	600739	38.627	ng	# 93
87) Benzo(b)fluoranthene	14.87	252	654816	40.991	ng	97
88) Benzo(k)fluoranthene	14.89	252	581338	38.962	ng	98
89) Benzo(a)pyrene	15.20	252	565573	39.867	ng	98
90) Dibenzo(a,h)anthracene	16.63	278	498038	41.786	ng	# 95
91) Benzo(g,h,i)perylene	17.02	276	505974	42.462	ng	# 91

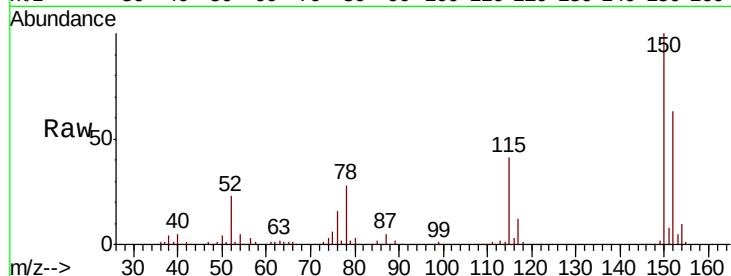
(#) = qualifier out of range (m) = manual integration (+) = signals summed



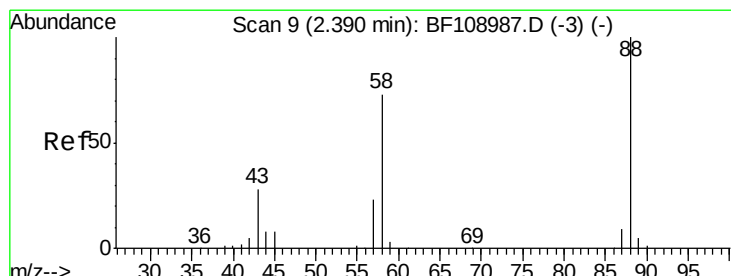
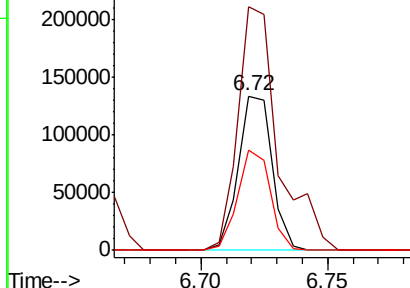
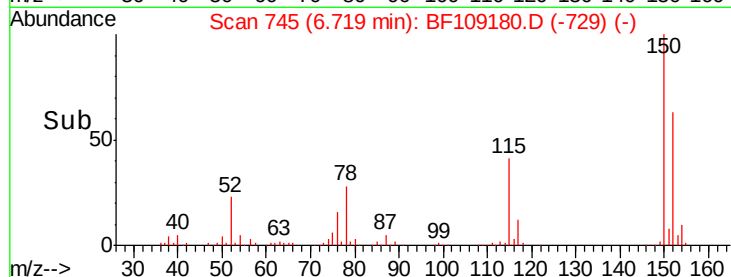
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 124061
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 64.7 50.1 75.1

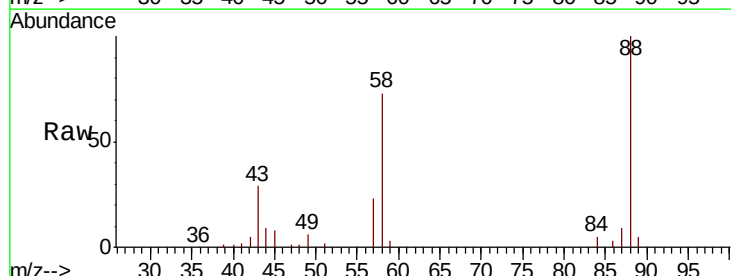


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

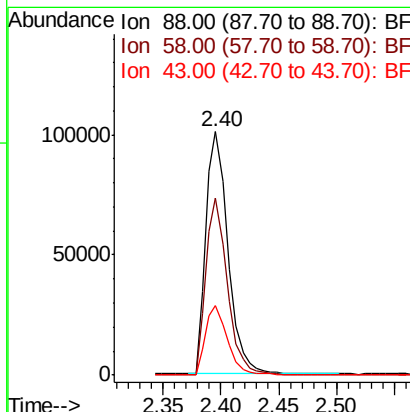
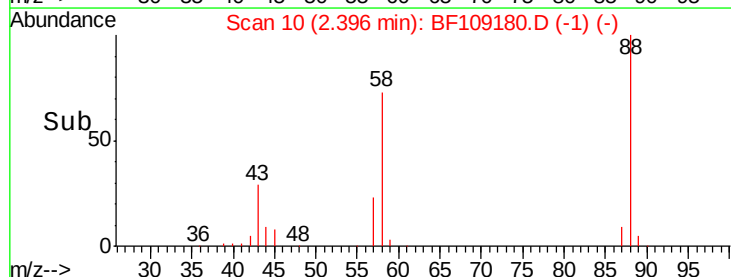


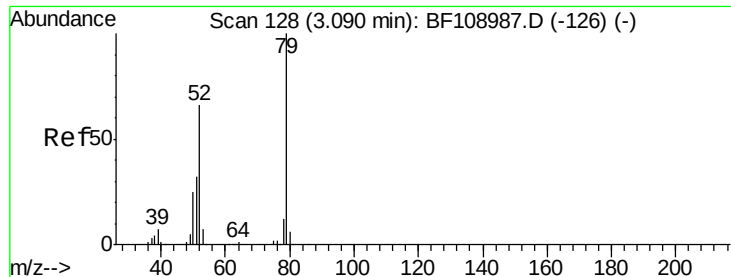
#2
 1,4-Dioxane
 Concen: 38.069 ng
 RT: 2.40 min Scan# 10
 Delta R.T. 0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion: 88 Resp: 135361
 Ion Ratio Lower Upper
 88 100
 58 70.9 62.6 93.8
 43 28.4 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

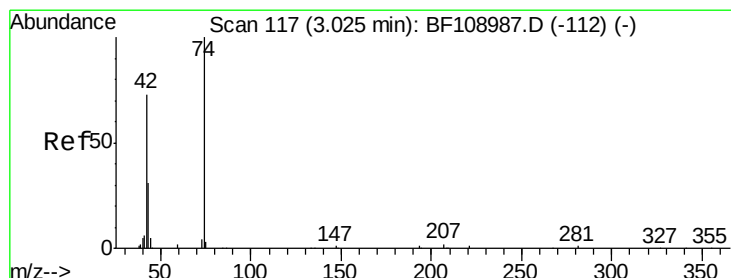
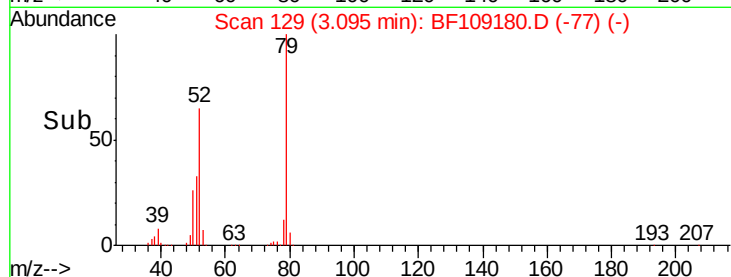
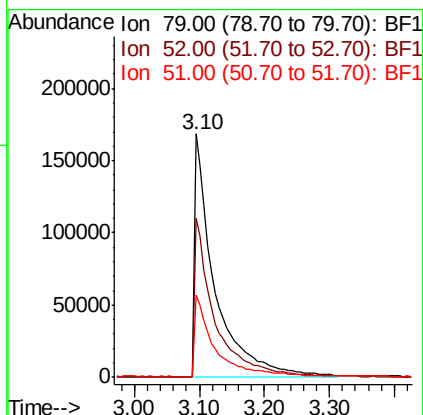
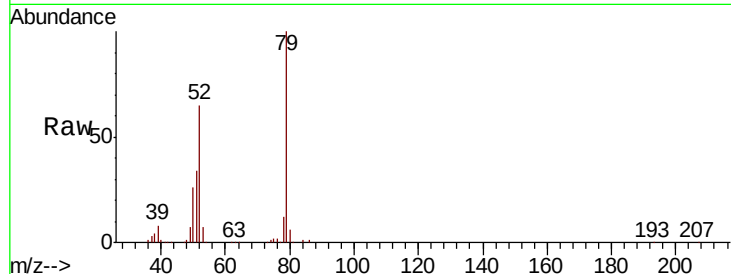




#3
Pvrindine
Concen: 38.449 ng
RT: 3.10 min Scan# 129
Delta R.T. 0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

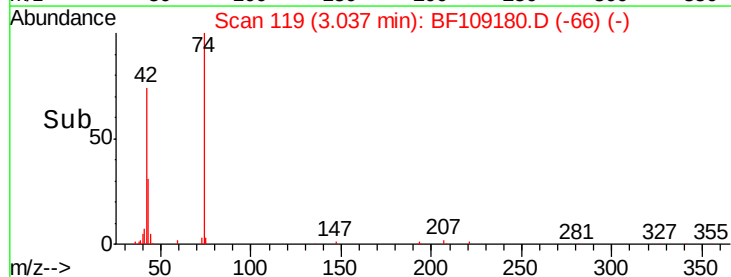
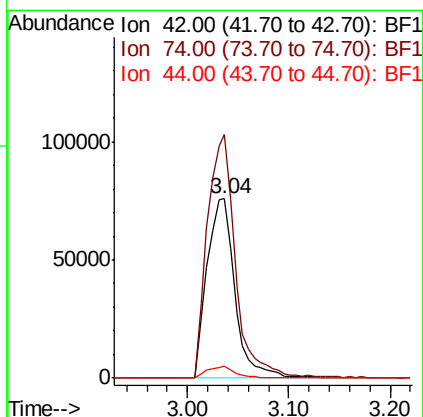
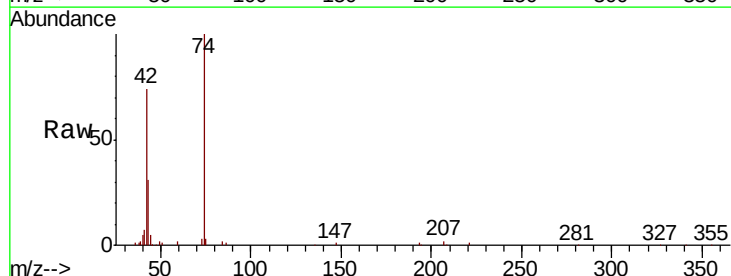
Instrument :
BNA_F
ClientSampleId :

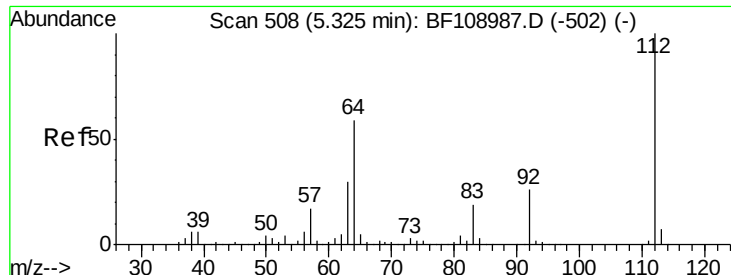
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	59.8	89.6
51	33.6	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 40.987 ng
RT: 3.04 min Scan# 119
Delta R.T. 0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.0	104.9	157.3
44	6.3	6.9	10.3#

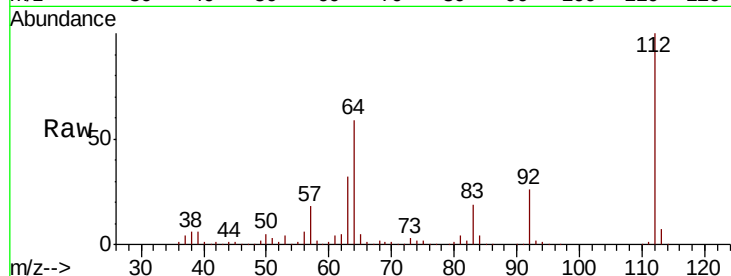




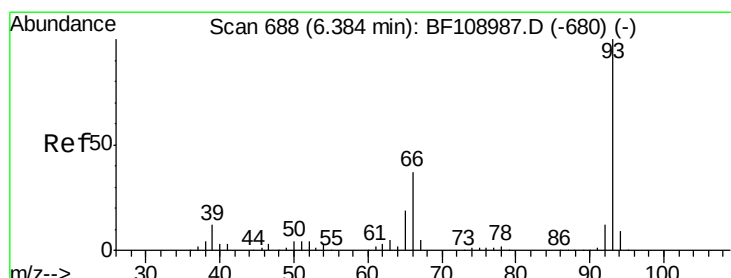
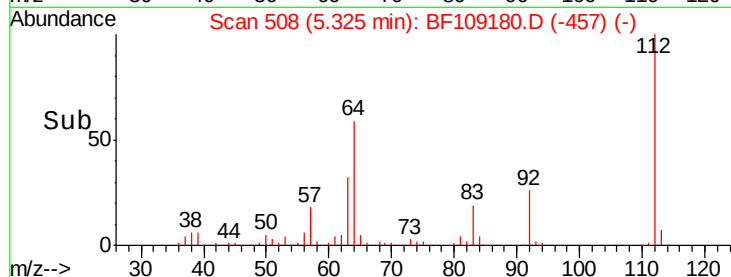
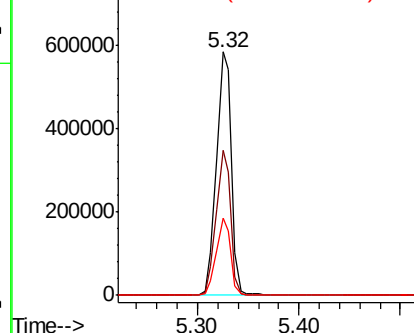
#5
2-Fluorophenol
Concen: 80.514 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.7	23.7	35.5

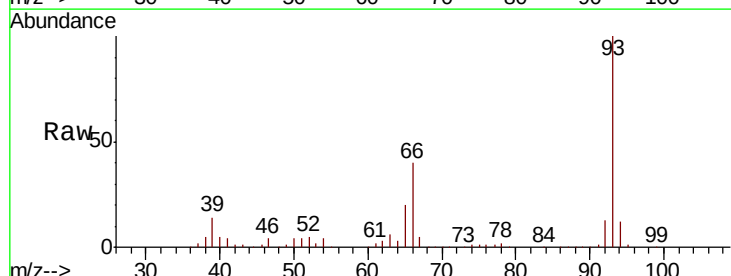


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

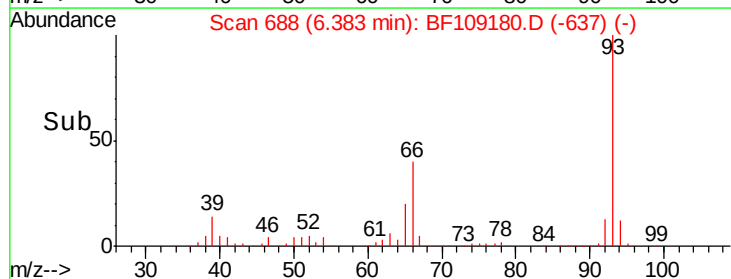
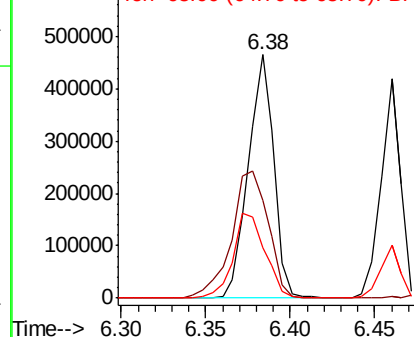


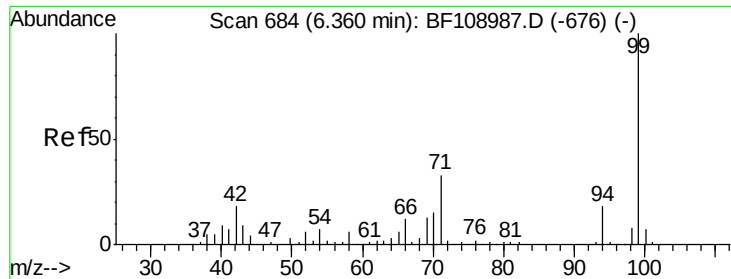
#6
Aniline
Concen: 39.650 ng
RT: 6.38 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.2
65	20.5	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: 80.295 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

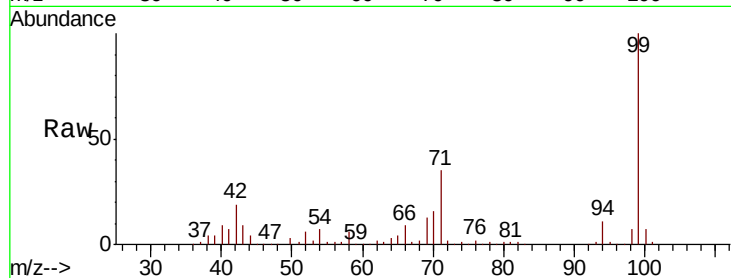
Tot Ion: 99 Resp: 773370

Ion Ratio Lower Upper

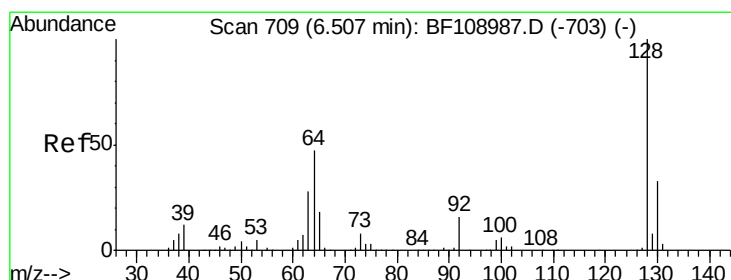
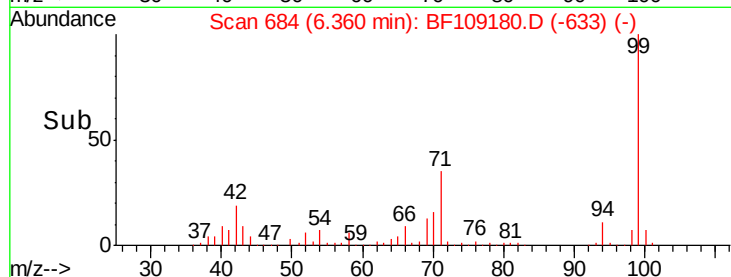
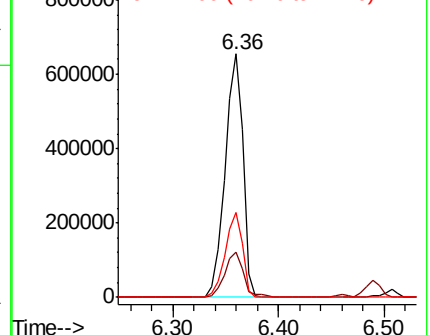
99 100

42 18.7 14.5 21.7

71 34.6 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: 40.496 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

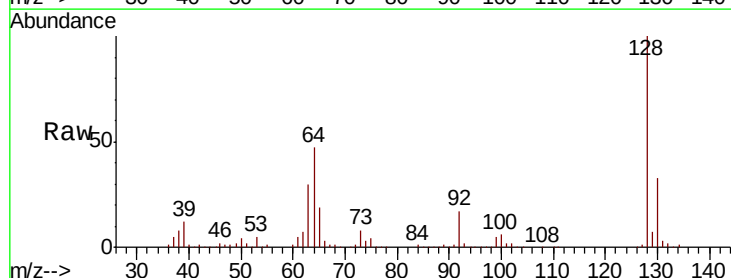
Tgt Ion: 128 Resp: 338508

Ion Ratio Lower Upper

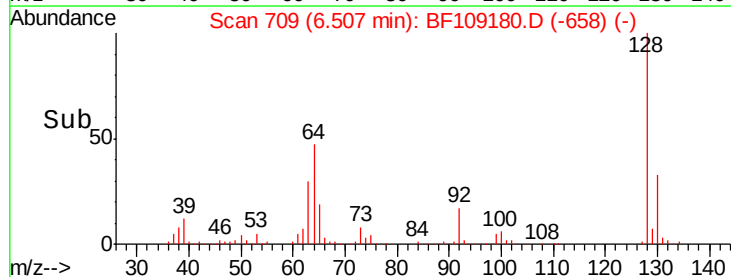
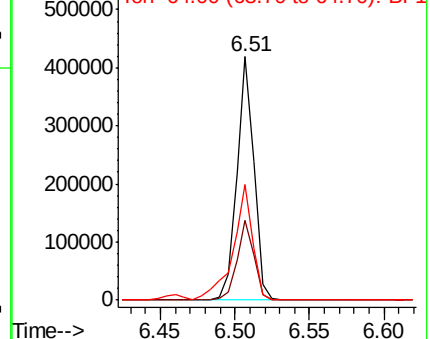
128 100

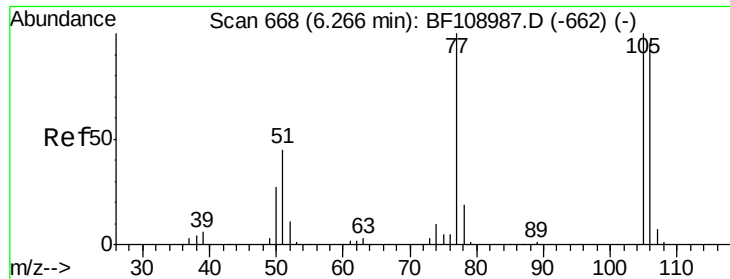
130 32.8 13.0 53.0

64 47.3 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: 40.379 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

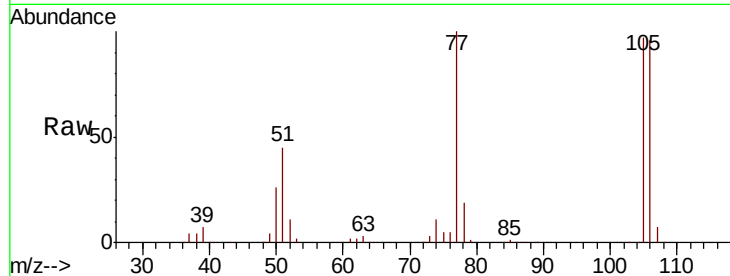
Tot Ion: 77 Resp: 248387

Ion Ratio Lower Upper

77 100

105 96.8 81.1 121.1

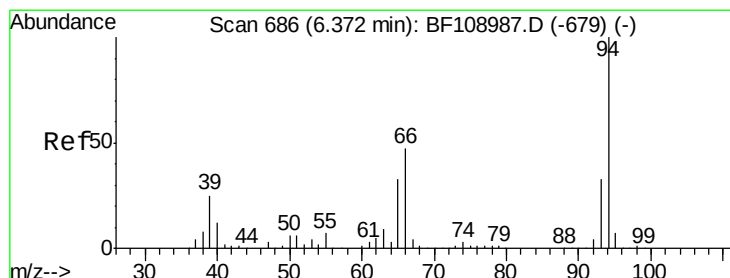
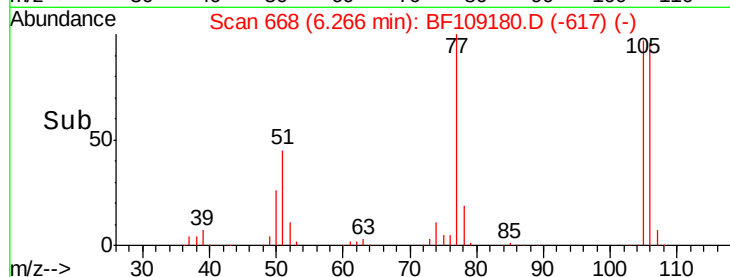
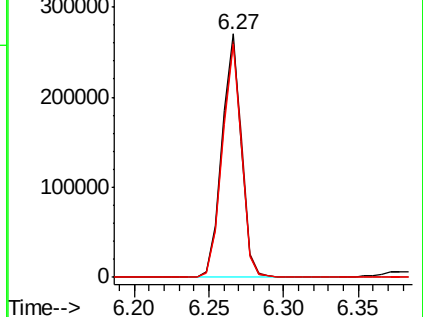
106 95.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.998 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

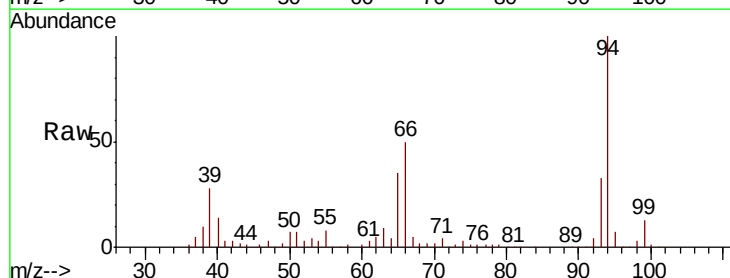
Tgt Ion: 94 Resp: 433480

Ion Ratio Lower Upper

94 100

65 34.5 7.9 47.9

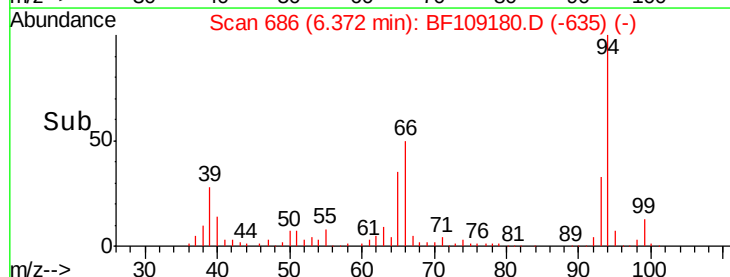
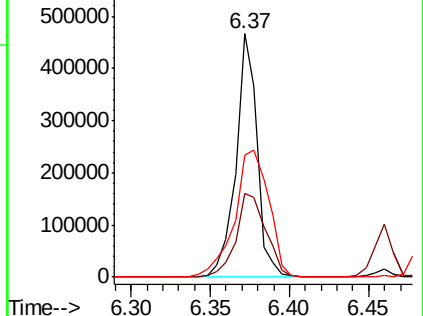
66 50.1 16.2 56.2

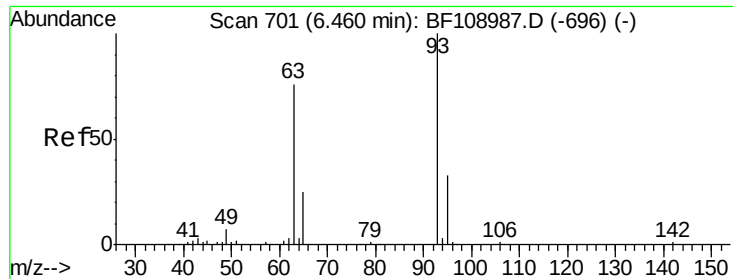


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



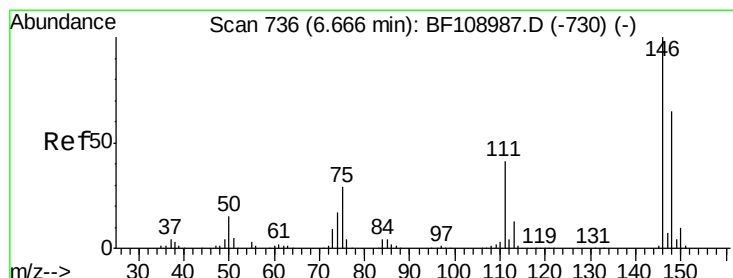
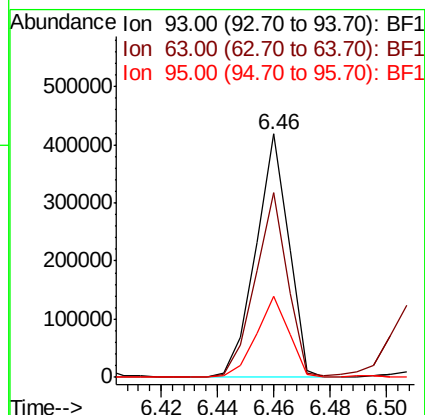
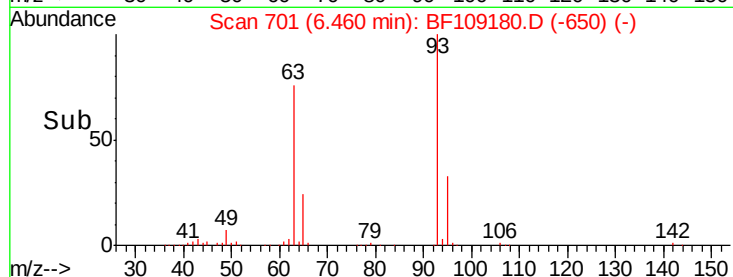
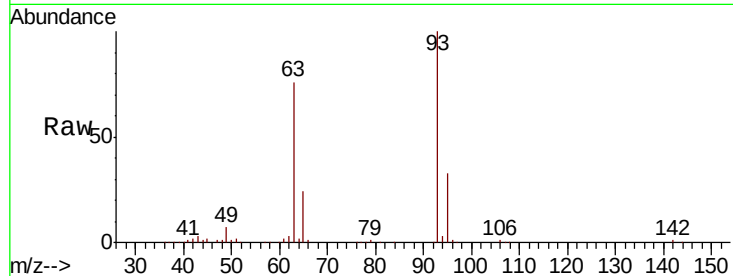


#11
 bis(2-Chloroethyl)ether
 Concen: 39.509 ng
 RT: 6.46 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 336857

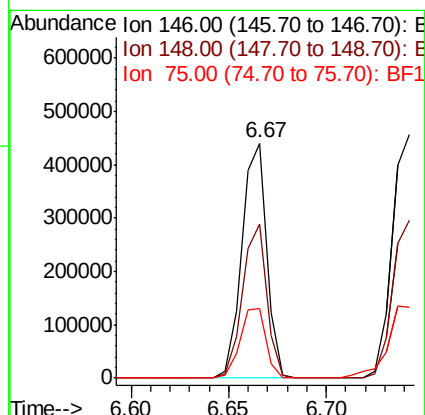
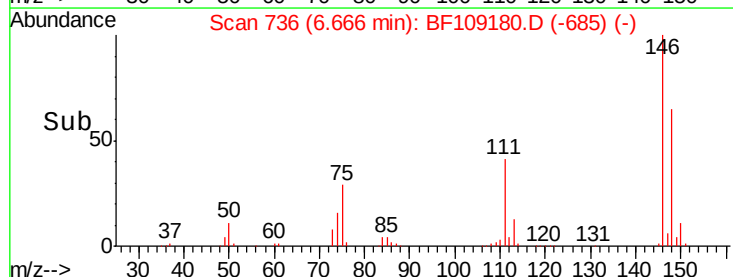
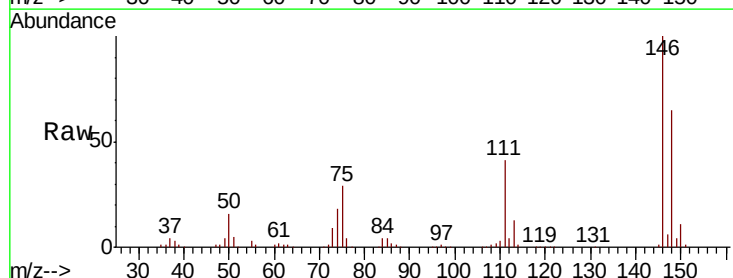
Ion	Ratio	Lower	Upper
93	100		
63	76.1	58.6	98.6
95	33.3	11.8	51.8

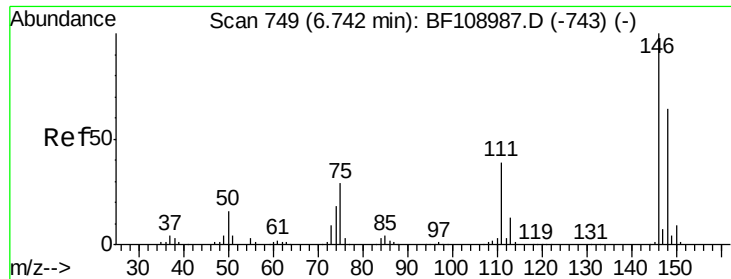


#12
 1,3-Dichlorobenzene
 Concen: 40.604 ng
 RT: 6.67 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion: 146 Resp: 388154

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	29.3	24.2	36.4

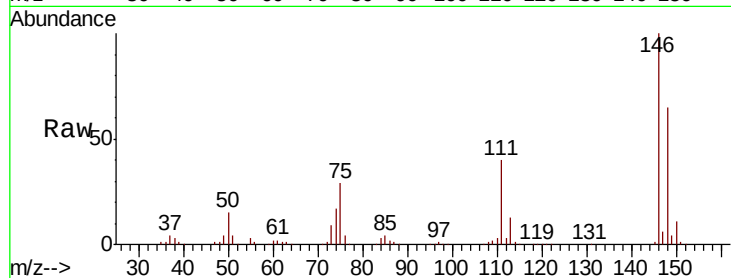




#13
 1,4-Dichlorobenzene
 Concen: 40.694 ng
 RT: 6.74 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	40.3	34.2	51.2

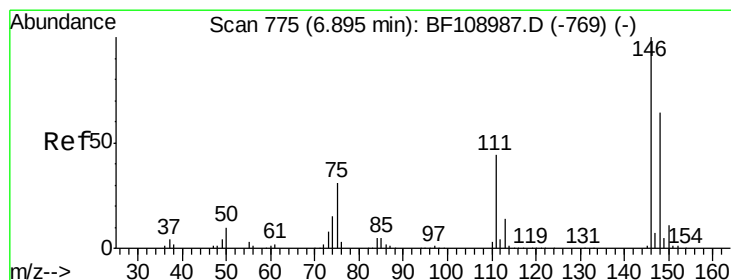
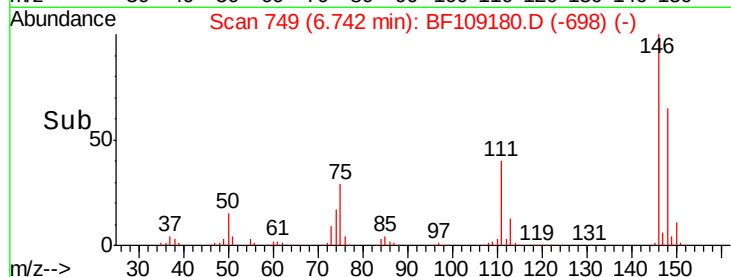
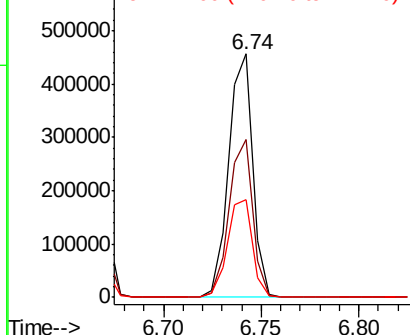


Abundance

Ion 146.00 (145.70 to 146.70): E

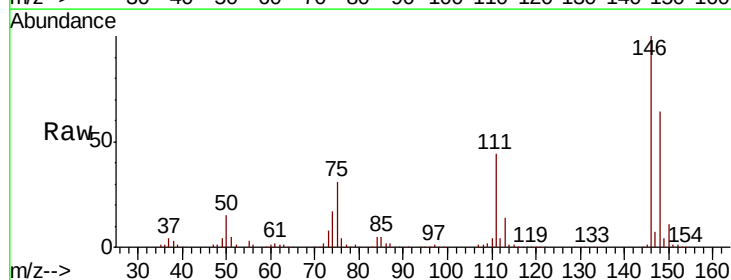
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.479 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	44.0	36.0	54.0

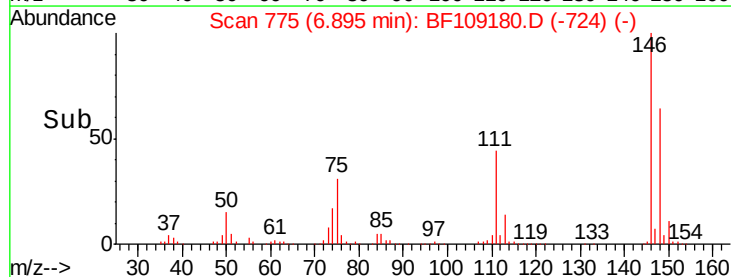
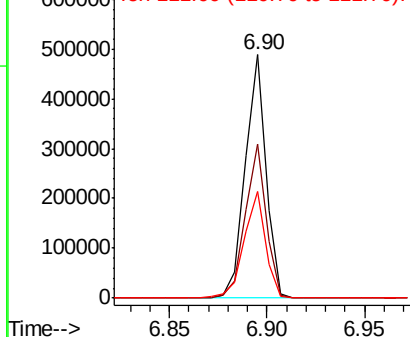


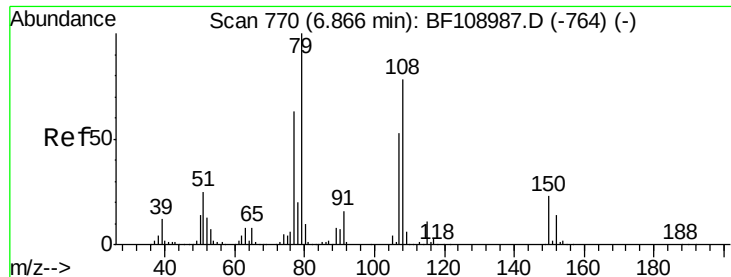
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.299 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

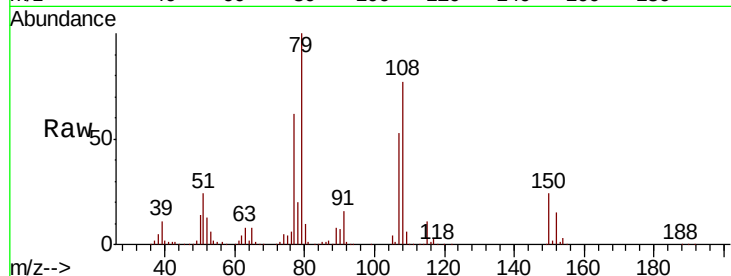
Tot Ion: 79 Resp: 301988

Ion Ratio Lower Upper

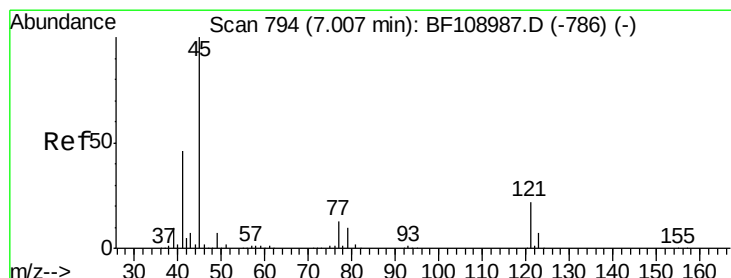
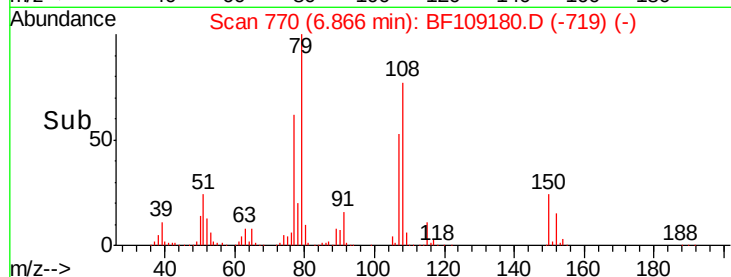
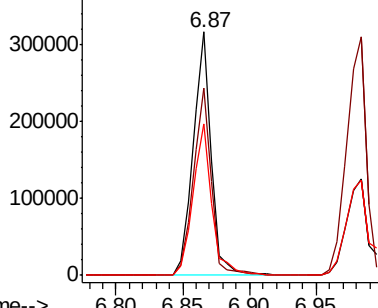
79 100

108 77.0 65.1 97.7

77 62.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.032 ng

RT: 7.01 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

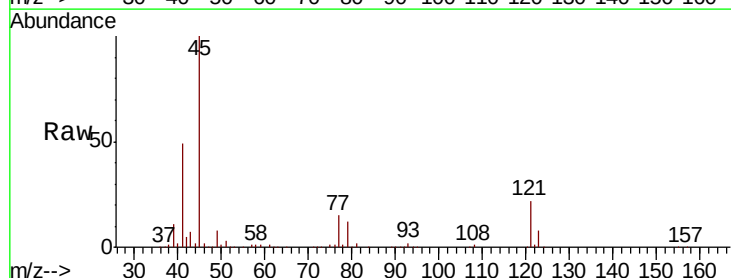
Tgt Ion: 45 Resp: 464607

Ion Ratio Lower Upper

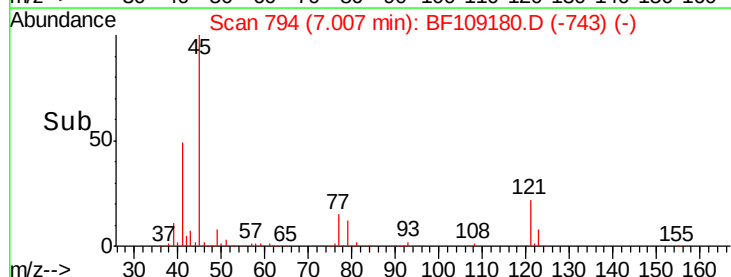
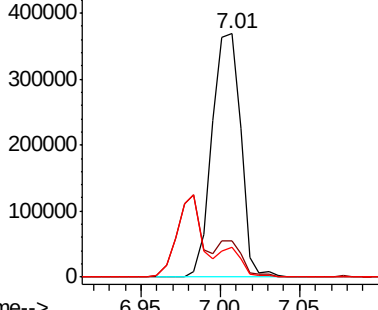
45 100

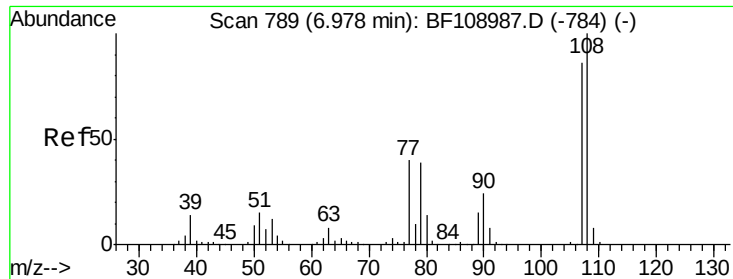
77 15.1 0.0 32.9

79 12.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

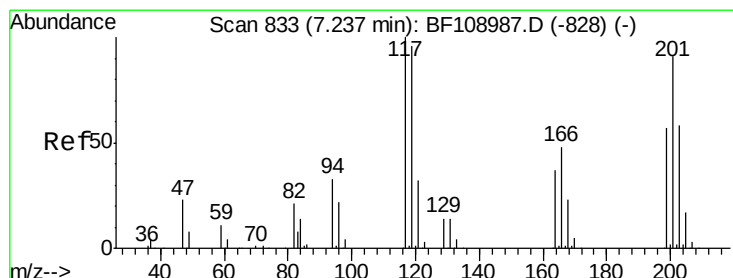
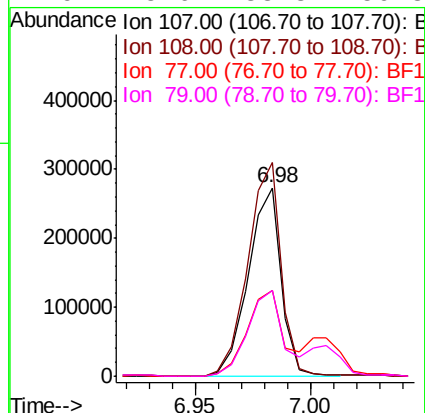
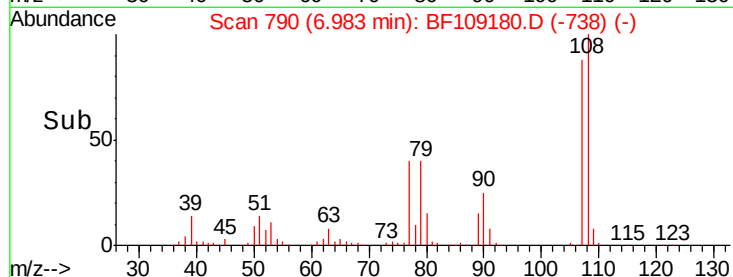
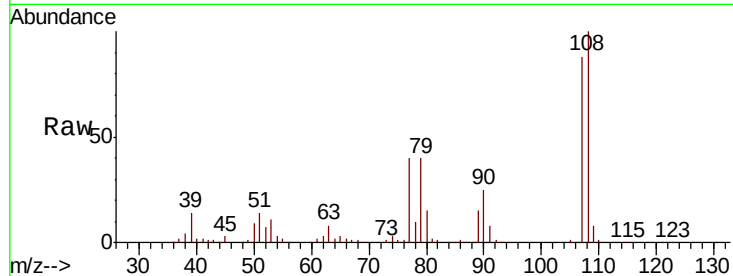




#17
2-Methylphenol
Concen: 39.725 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

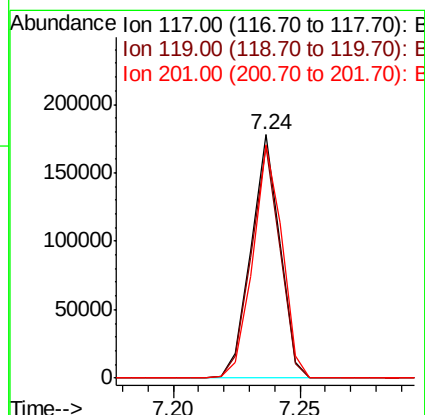
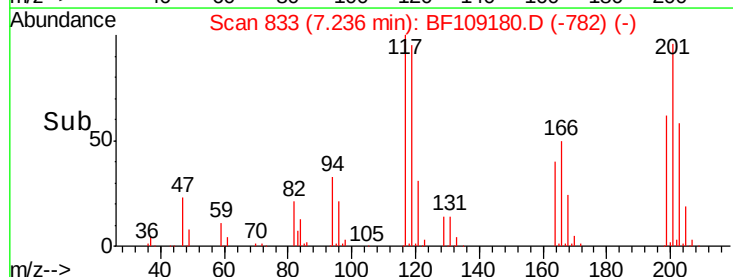
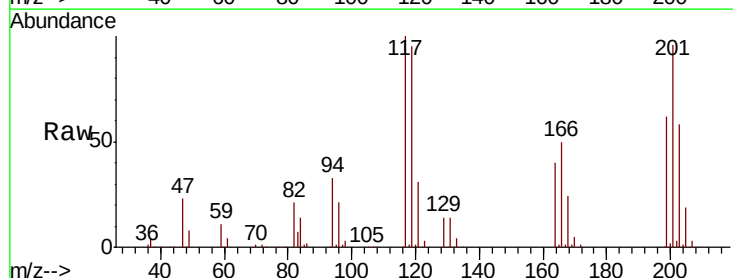
Instrument :
BNA_F
ClientSampled :

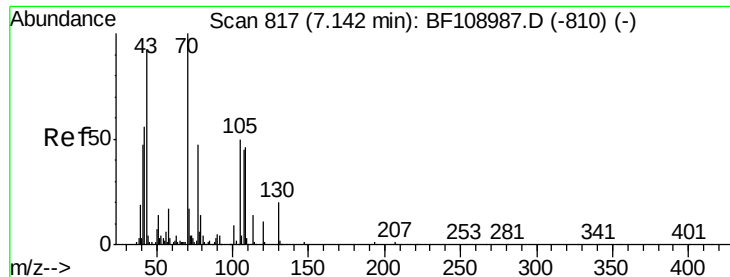
Tot Ion:	107	Resp:	270916
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	45.3	33.8	50.8
79	45.6	33.8	50.8



#18
Hexachloroethane
Concen: 40.547 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:	117	Resp:	141230
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	95.9	75.7	113.5

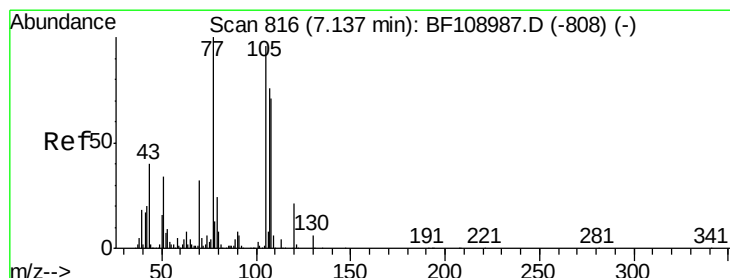
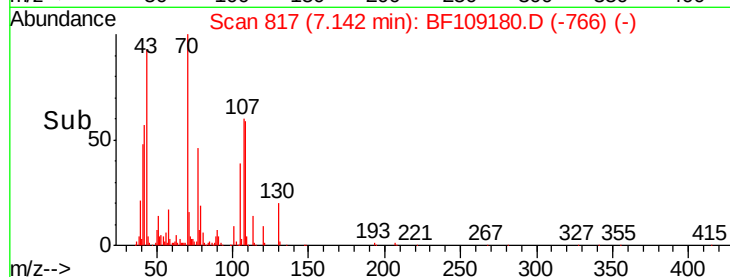
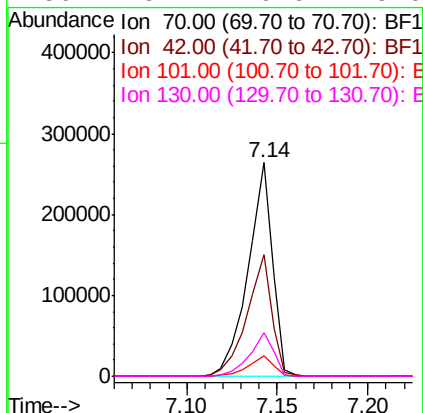
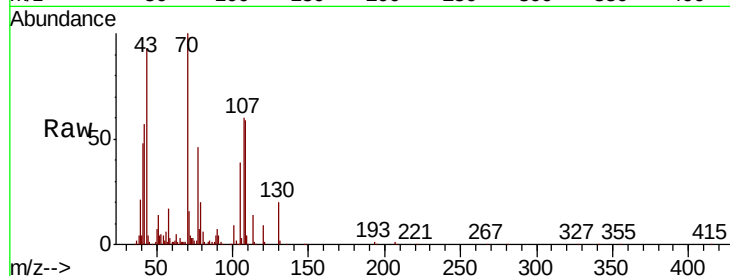




#19
n-Nitroso-di-n-propylamine
Concen: 38.774 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

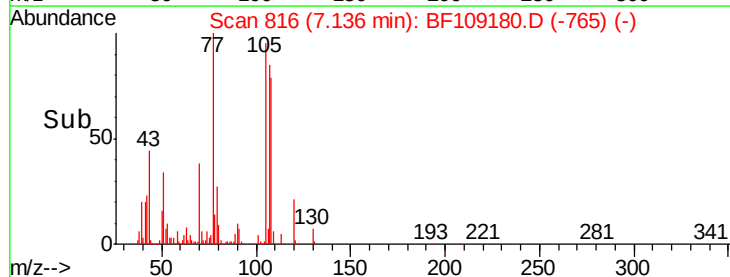
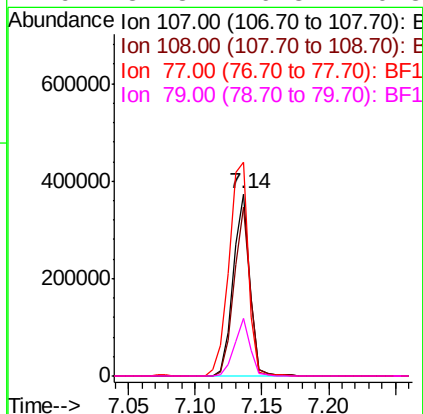
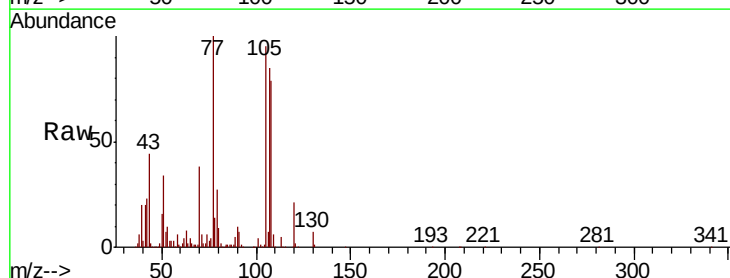
Instrument :
BNA_F
ClientSampleId :

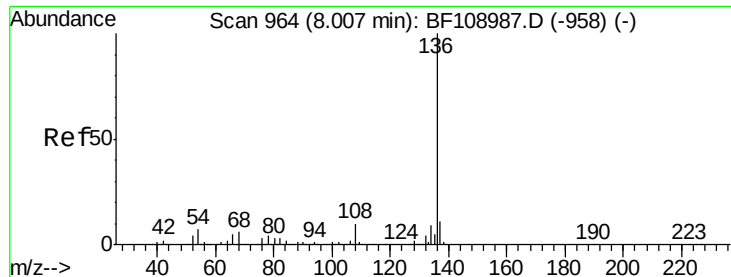
Tot Ion:	70	Resp:	246854
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	9.4	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.118 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:	107	Resp:	329509
Ion	Ratio	Lower	Upper
107	100		
108	92.8	68.2	108.2
77	117.4	26.7	66.7#
79	31.8	6.3	46.3

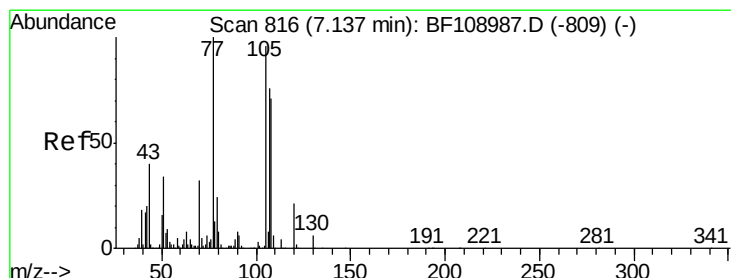
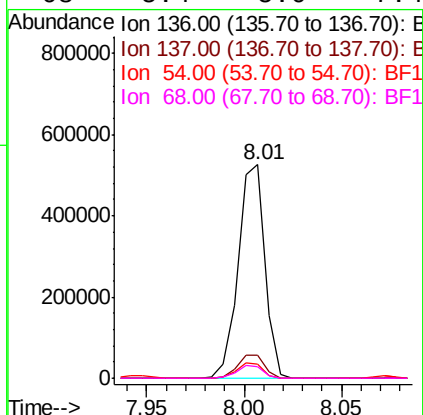
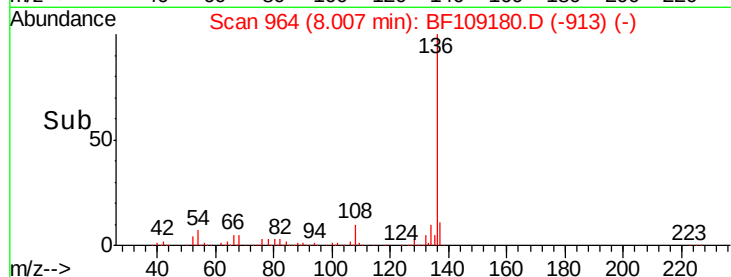
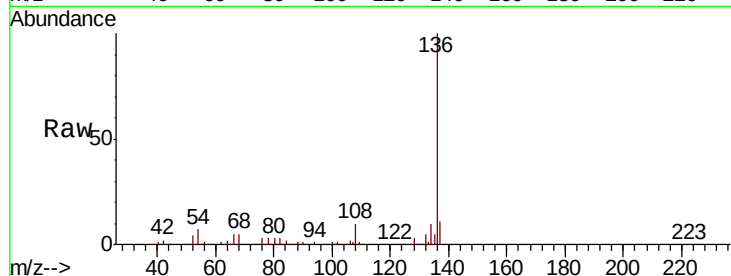




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

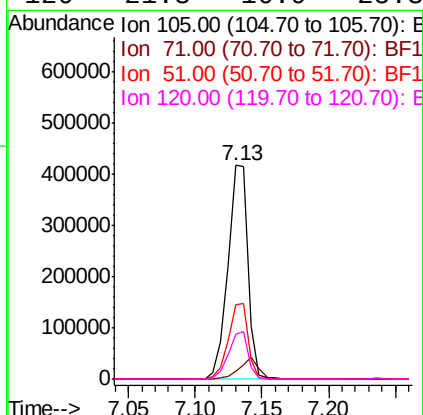
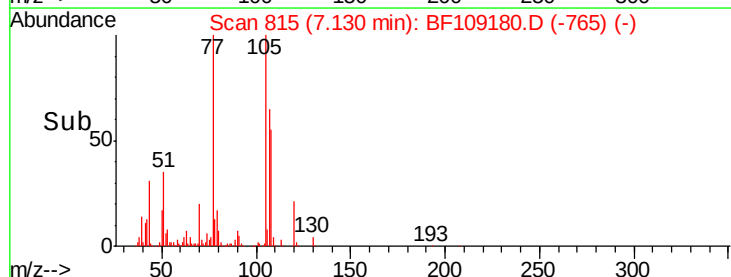
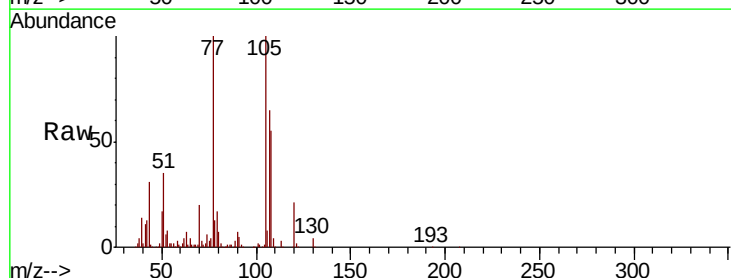
Instrument :
BNA_F
ClientSampleId :

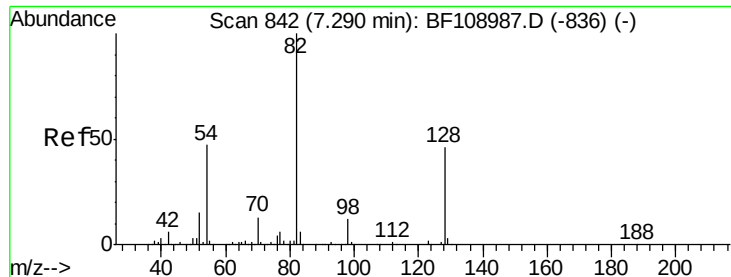
Tot Ion:136	Resp:	499272
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.6	6.6	9.8#
68 5.4	5.0	7.4



#22
Acetophenone
Concen: 39.178 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt	Ion:105	Resp:	444211
Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	34.8	22.3	33.5#
120	21.3	16.9	25.3

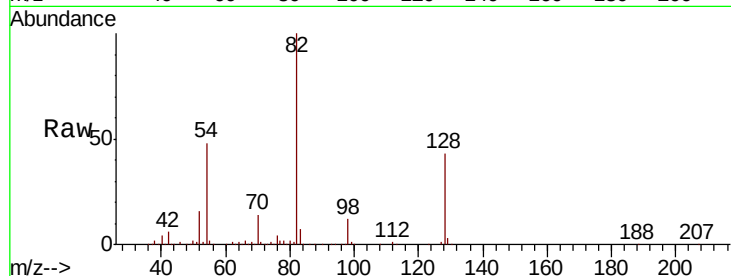




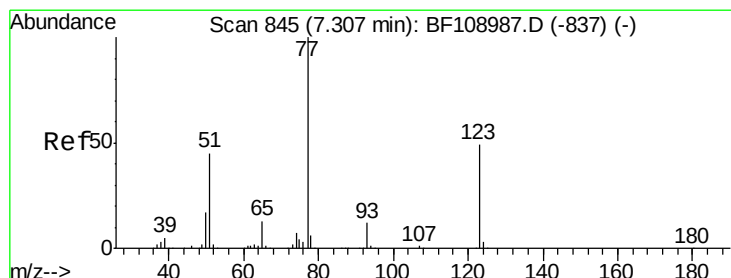
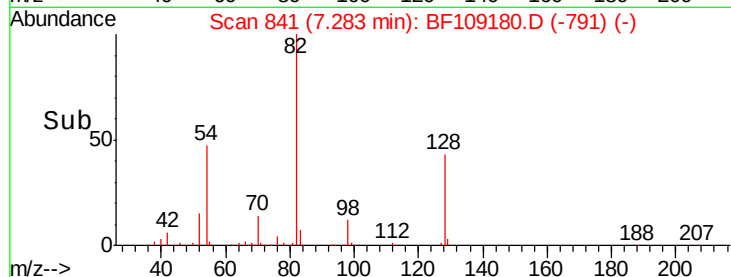
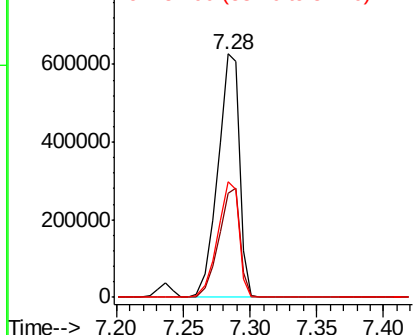
#23
Nitrobenzene-d5
Concen: 80.379 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 715501
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 47.6 41.4 62.2

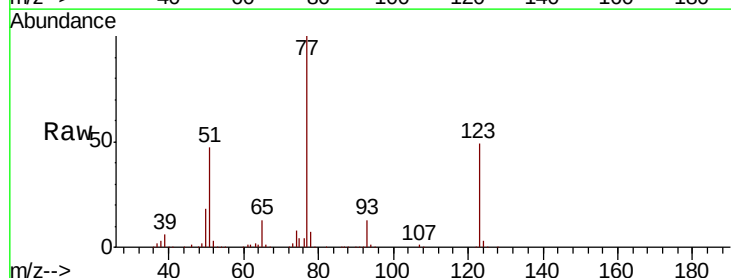


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

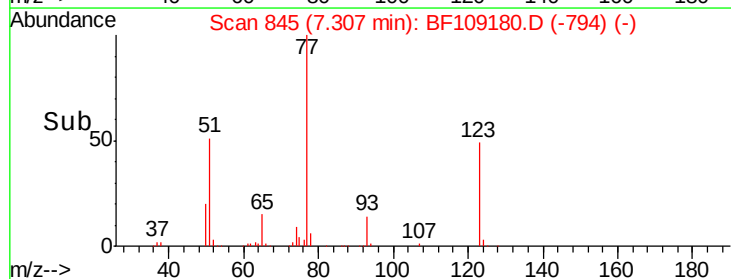
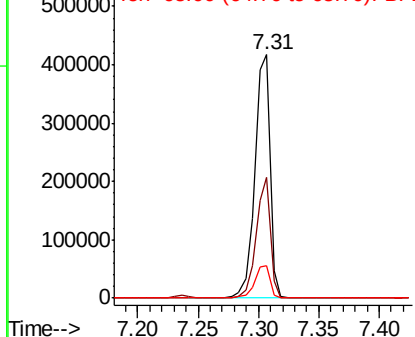


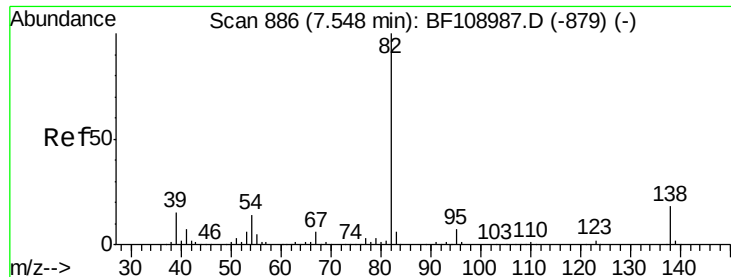
#24
Nitrobenzene
Concen: 40.298 ng
RT: 7.31 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion: 77 Resp: 369838
Ion Ratio Lower Upper
77 100
123 49.4 37.9 56.9
65 13.1 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: 38.424 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

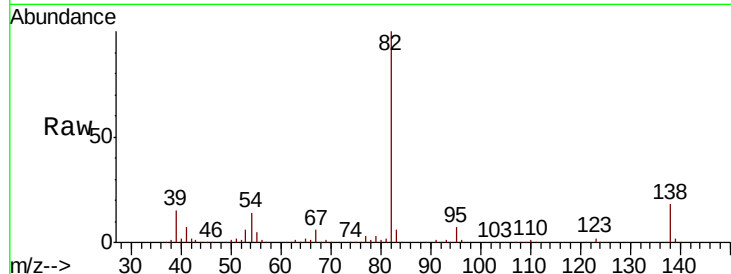
Tot Ion: 82 Resp: 587950

Ion Ratio Lower Upper

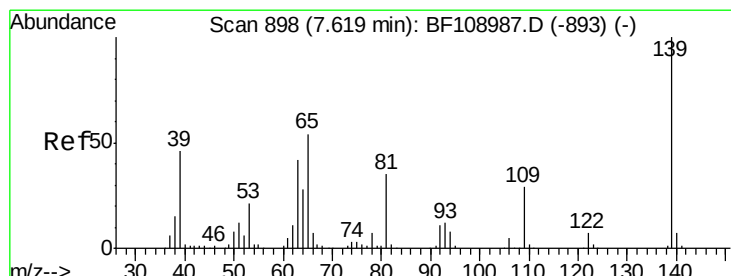
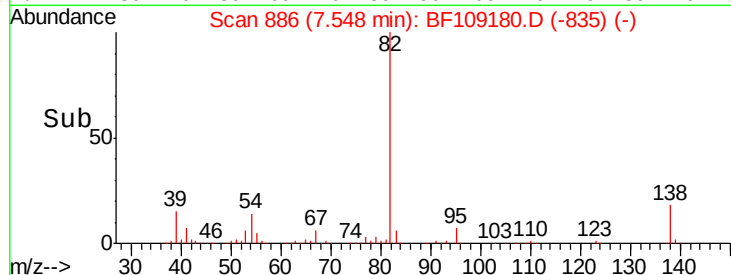
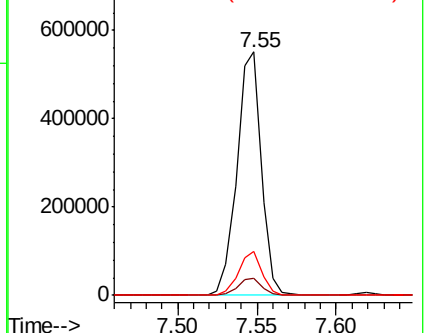
82 100

95 7.2 5.2 7.8

138 18.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.203 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

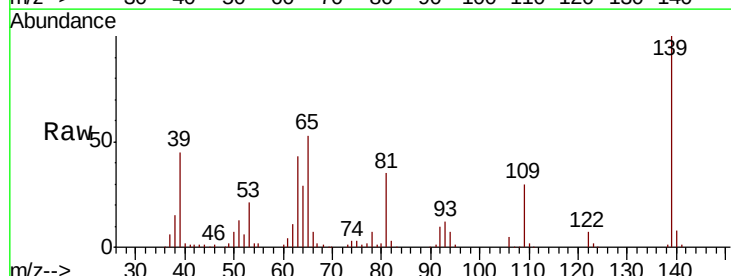
Tgt Ion: 139 Resp: 176573

Ion Ratio Lower Upper

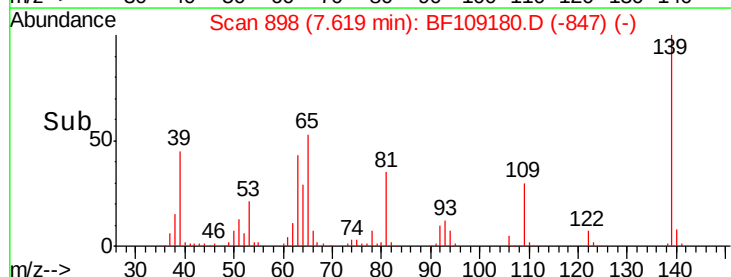
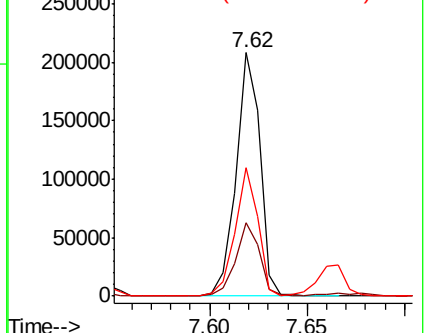
139 100

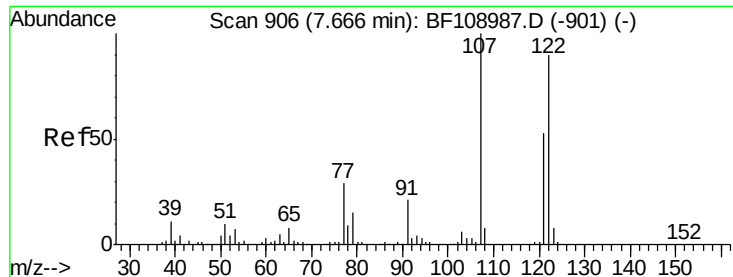
109 30.3 22.7 34.1

65 53.0 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 39.041 ng

RT: 7.67 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

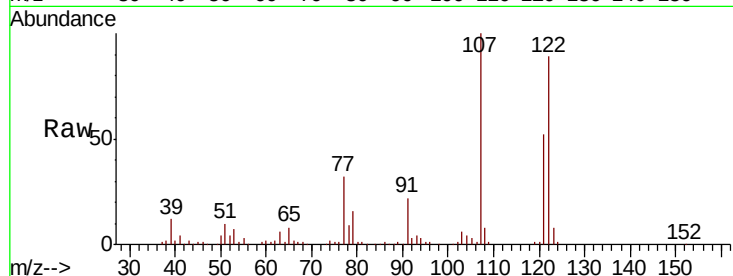
Tot Ion:122 Resp: 262445

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

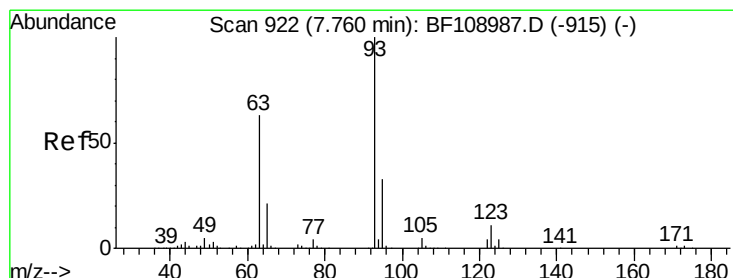
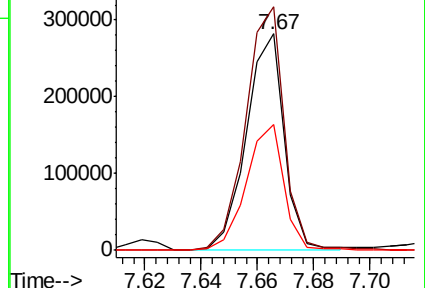
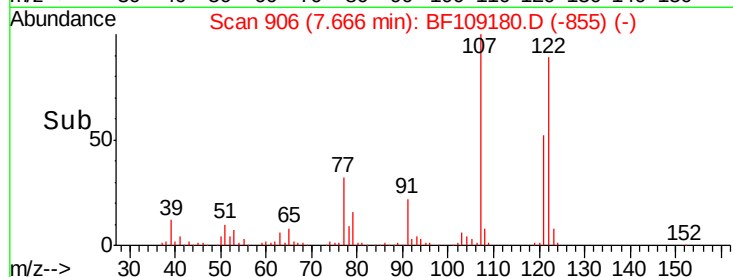
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.463 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

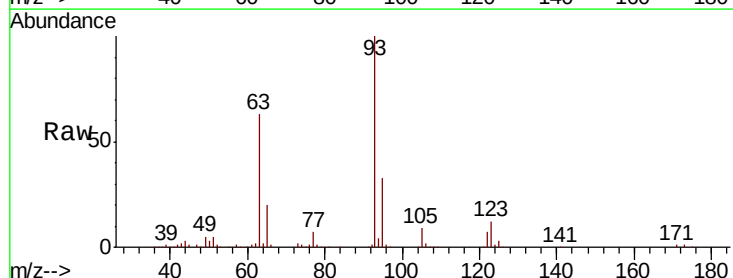
Tgt Ion: 93 Resp: 396051

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

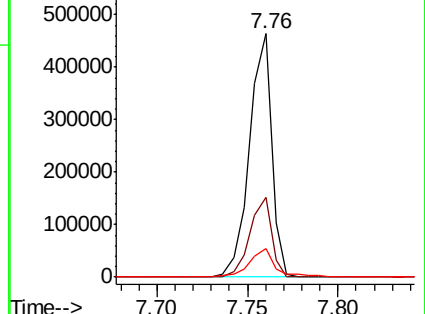
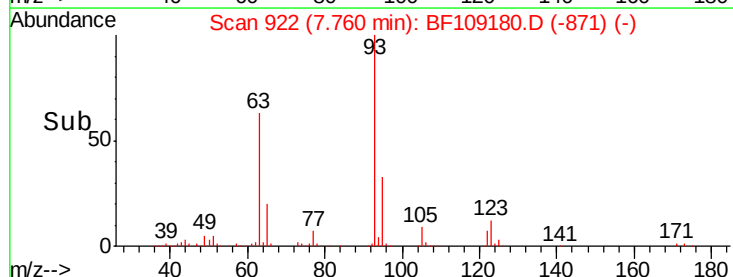
123 11.8 9.8 14.6

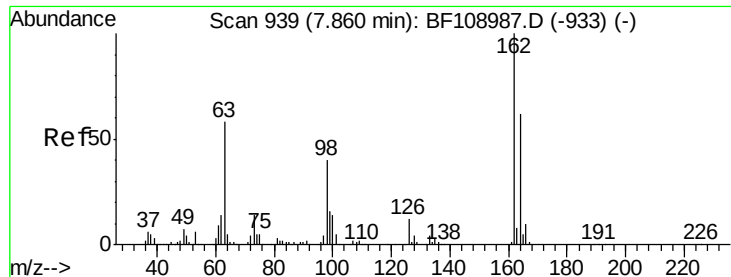


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

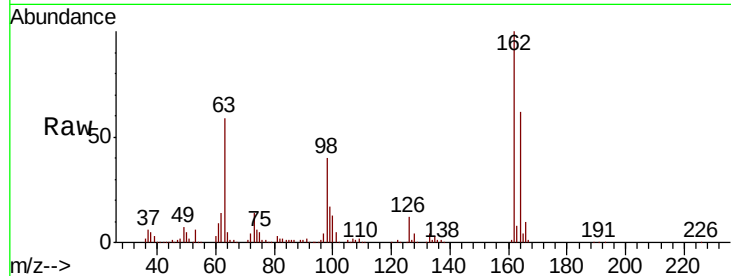




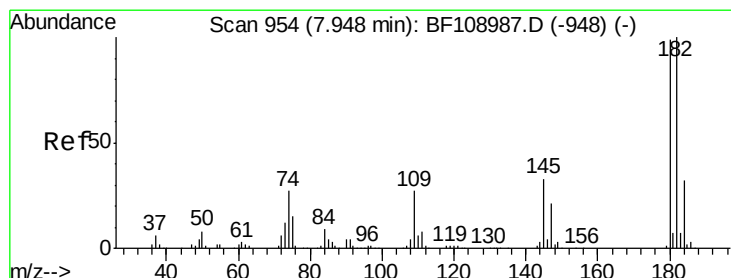
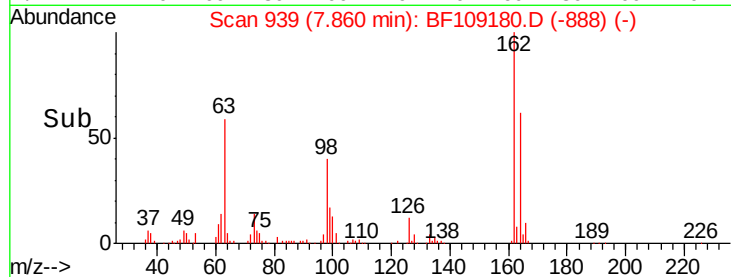
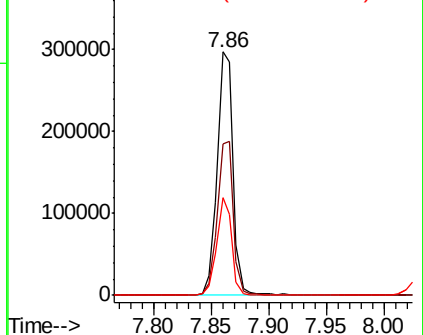
#29
 2,4-Dichlorophenol
 Concen: 39.808 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	40.0	18.1	58.1

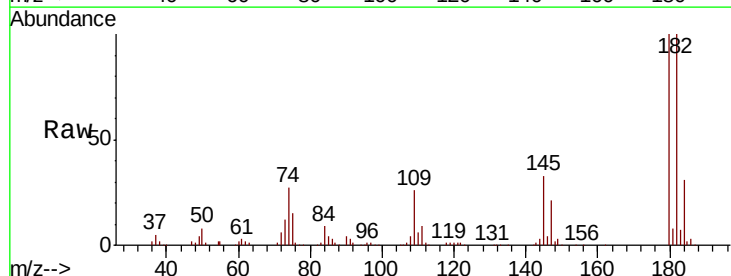


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

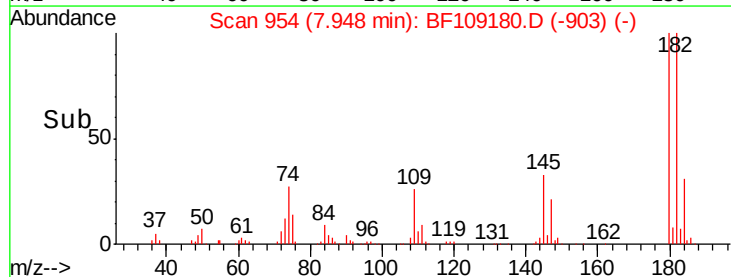
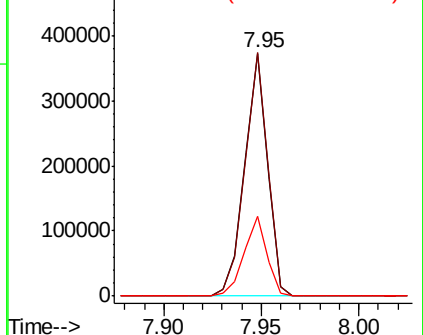


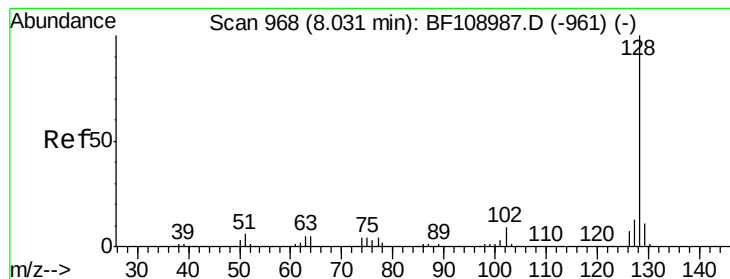
#30
 1,2,4-Trichlorobenzene
 Concen: 39.386 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.8	115.2
145	32.9	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: 39.588 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

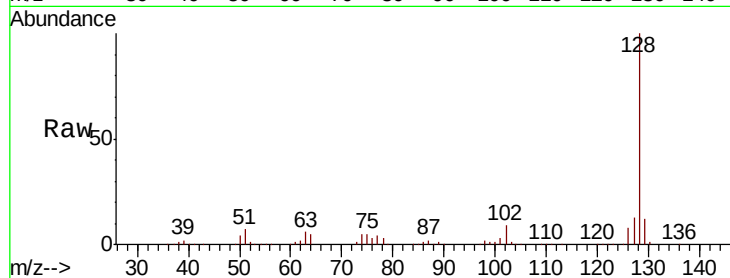
Tot Ion:128 Resp: 917388

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

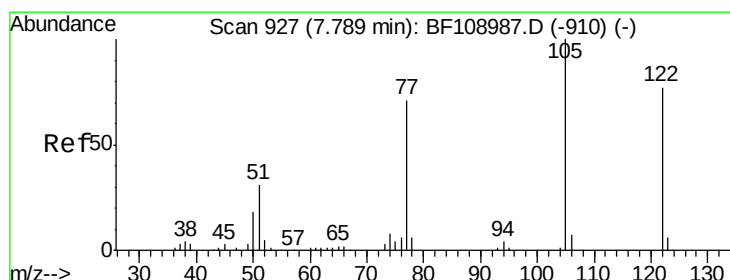
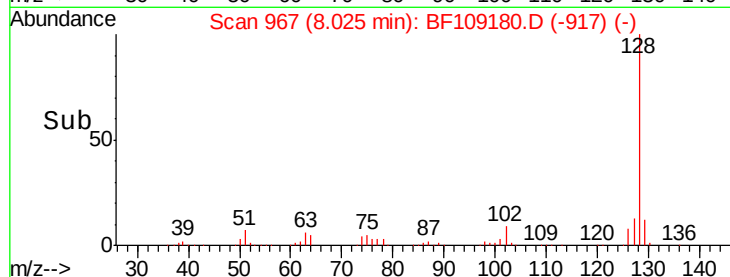
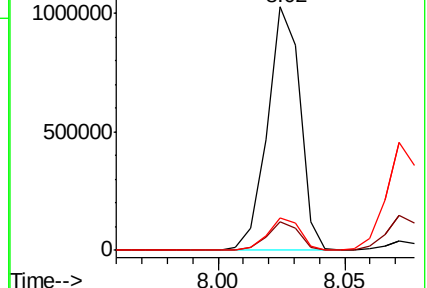
127 13.4 10.9 16.3



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: 29.240 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

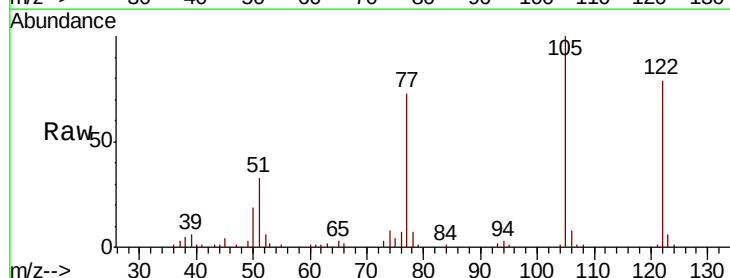
Tgt Ion:122 Resp: 128434

Ion Ratio Lower Upper

122 100

105 126.5 101.1 141.1

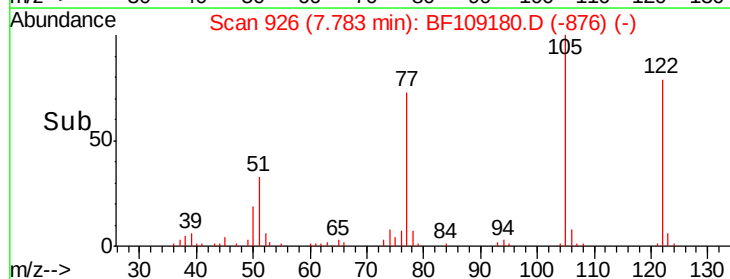
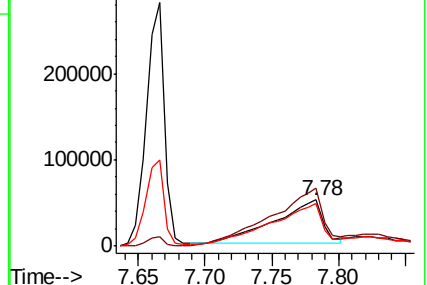
77 91.8 70.7 110.7

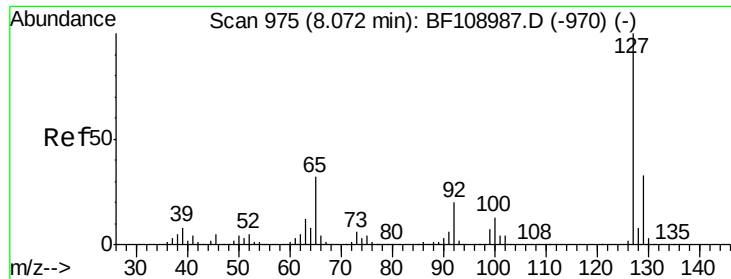


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

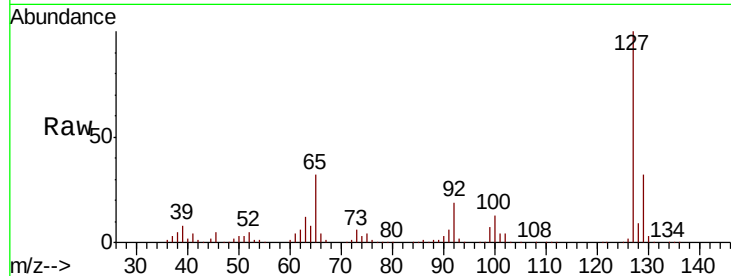




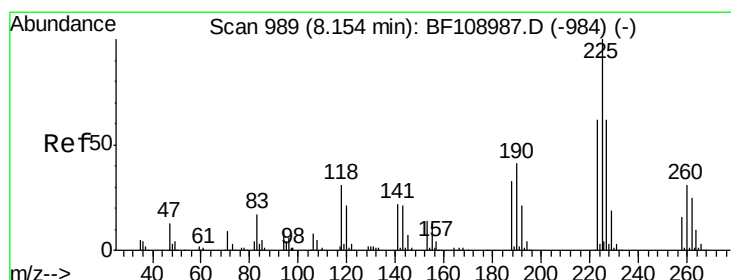
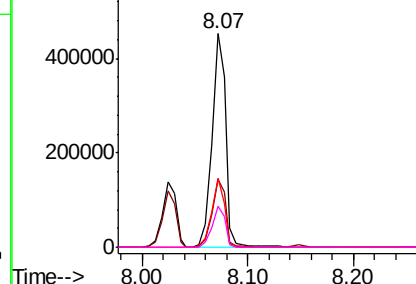
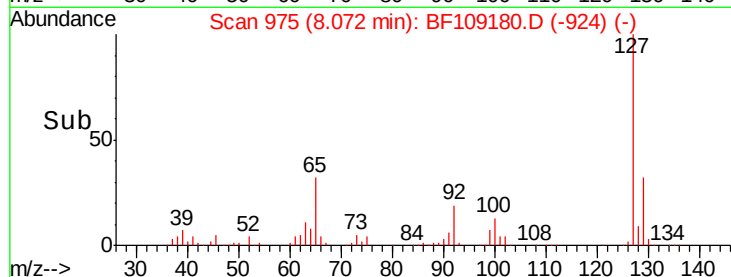
#33
4-Chloroaniline
Concen: 39.582 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	407825
Ion Ratio	Lower	Upper
127 100		
129 32.1	25.9	38.9
65 32.2	25.0	37.4
92 19.3	15.2	22.8

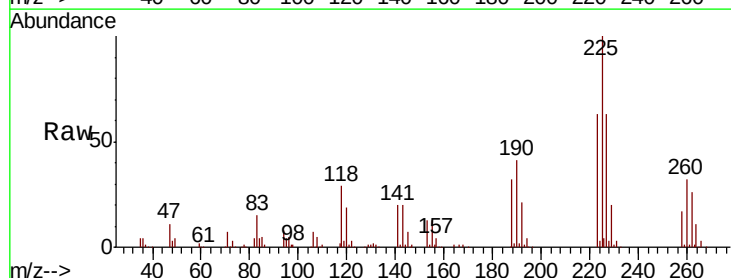


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

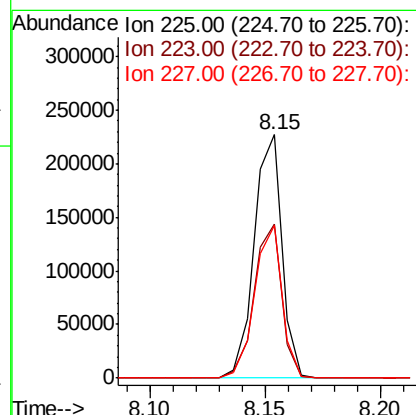
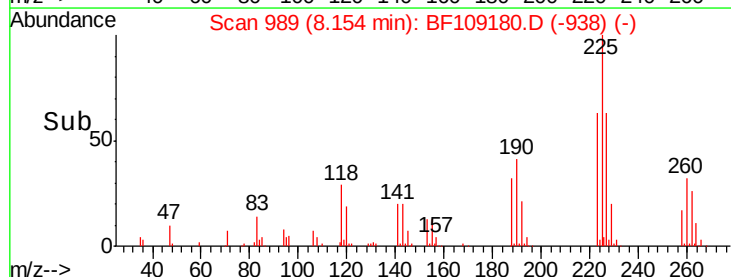


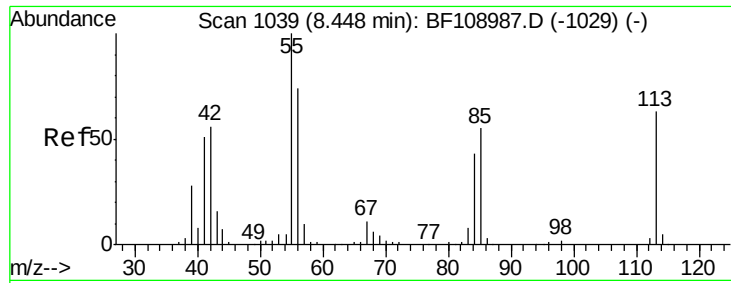
#34
Hexachlorobutadiene
Concen: 40.543 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:225	Resp:	191660
Ion Ratio	Lower	Upper
225 100		
223 63.2	50.6	76.0
227 63.0	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

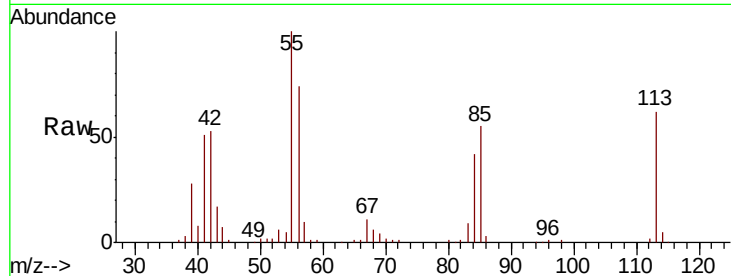




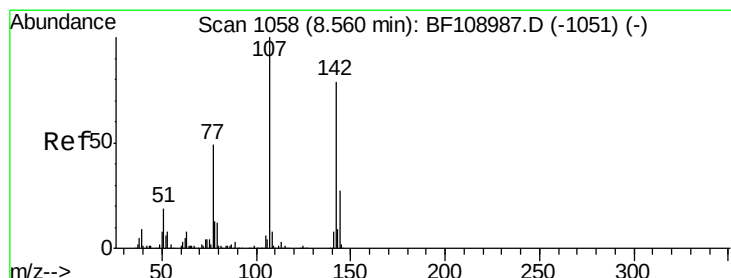
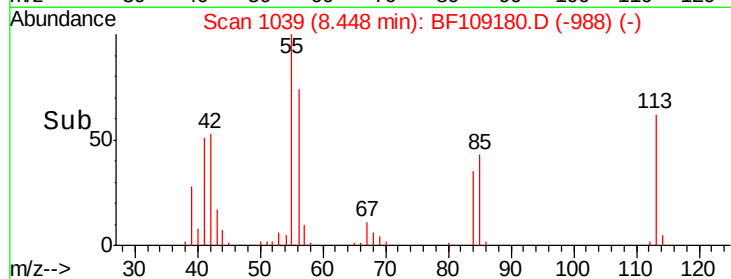
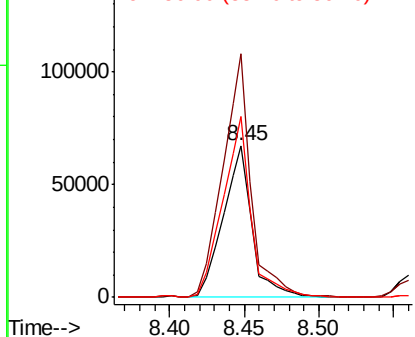
#35
 Caprolactam
 Concen: 38.985 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 91048
 Ion Ratio Lower Upper
 113 100
 55 160.5 163.3 203.3#
 56 119.0 115.7 155.7

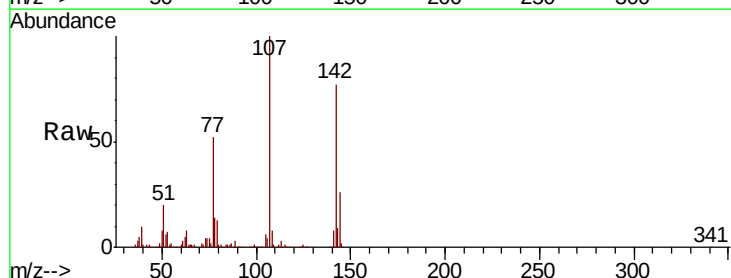


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

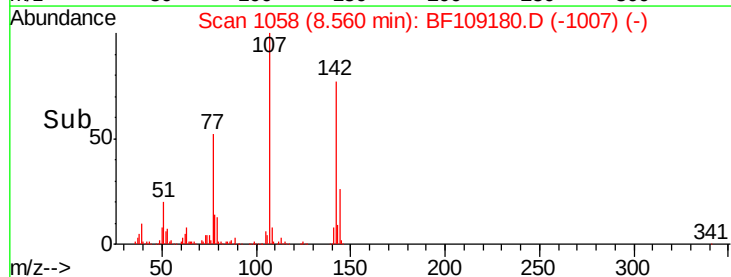
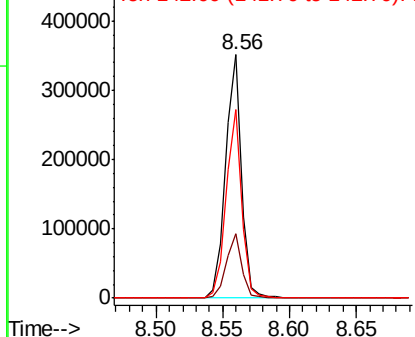


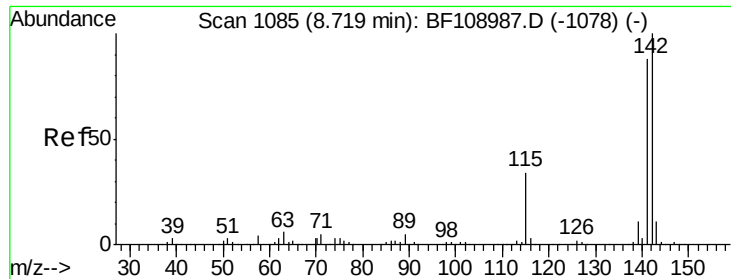
#36
 4-Chloro-3-methylphenol
 Concen: 39.544 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion:107 Resp: 298202
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 77.5 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

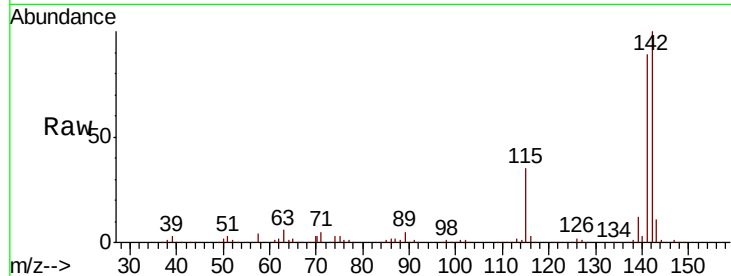




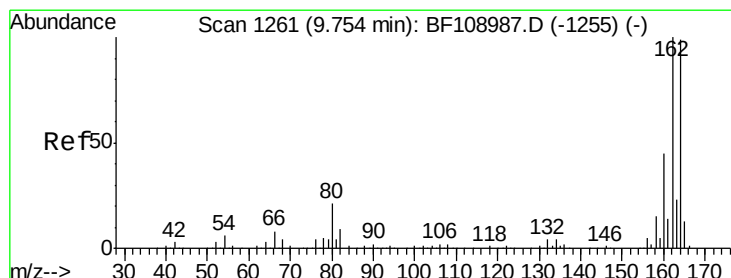
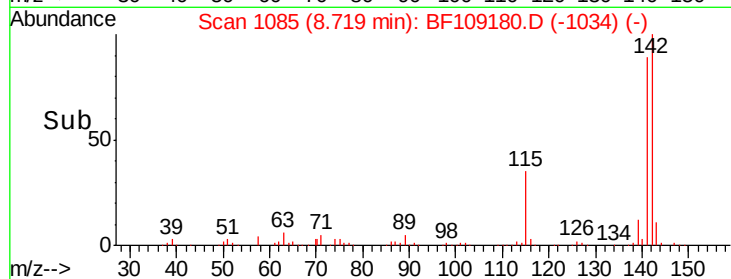
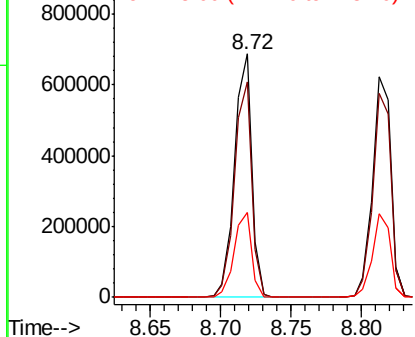
#37
2-Methylnaphthalene
Concen: 38.976 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.7	26.1	39.1

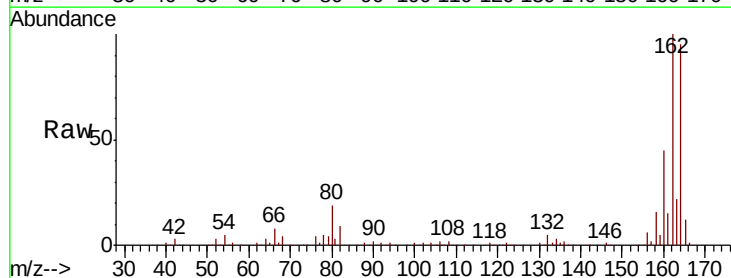


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

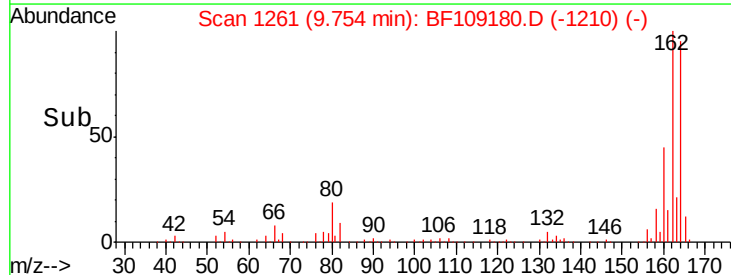
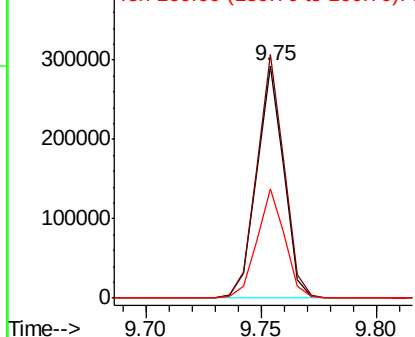


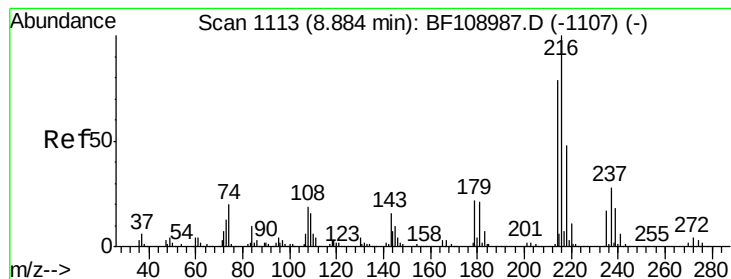
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.3	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: 40.474 ng

RT: 8.88 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 303153

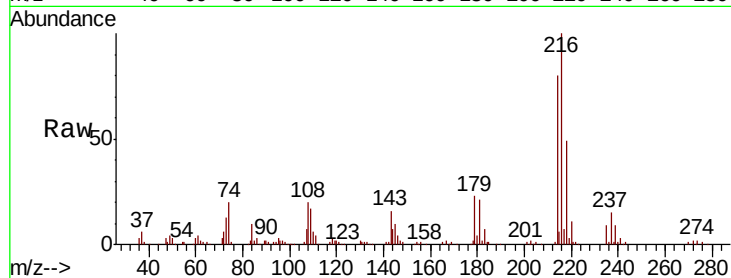
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.7 18.1 27.1

108 19.4 17.2 25.8

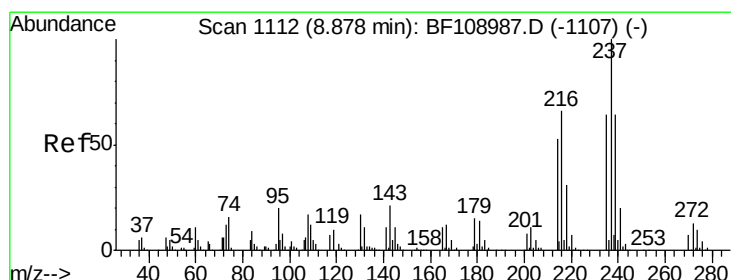
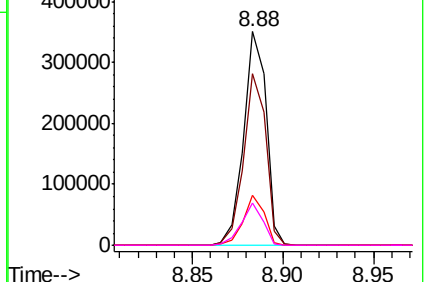
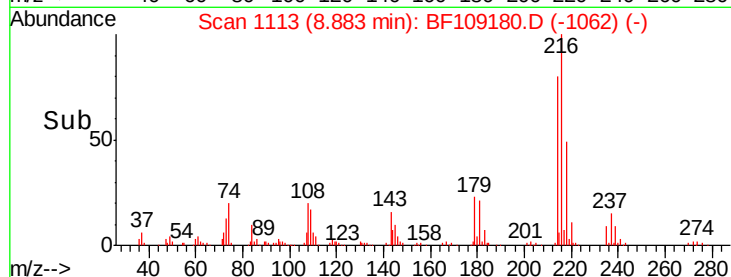


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.612 ng

RT: 8.88 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

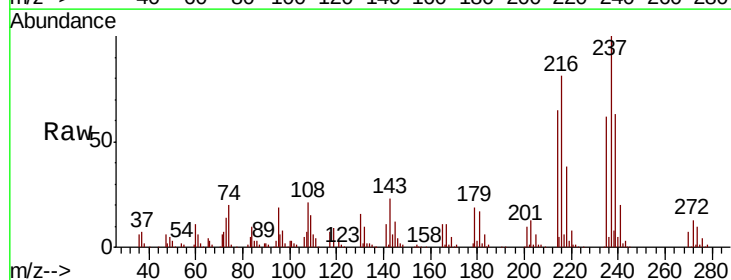
Tgt Ion:237 Resp: 145714

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

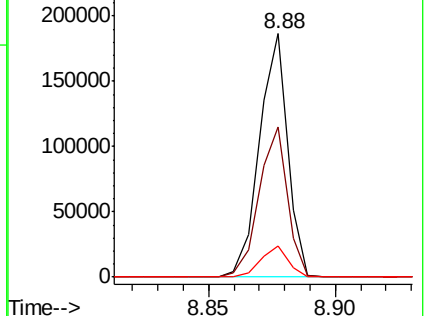
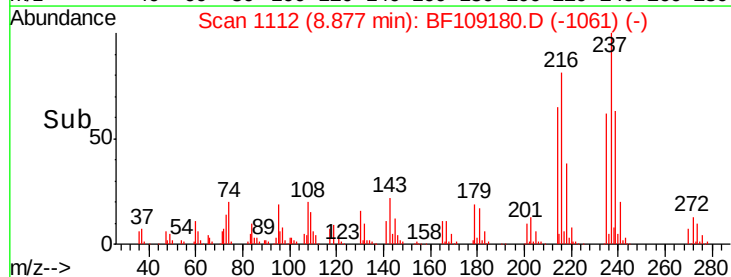
272 13.0 0.0 33.3

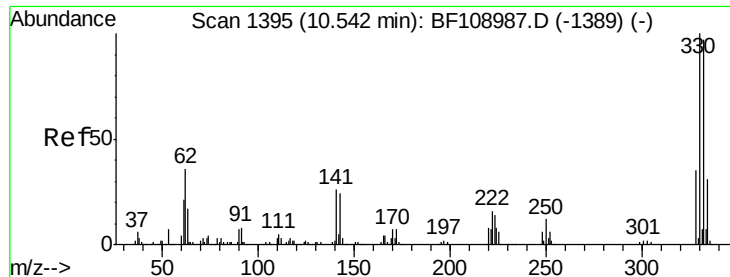


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

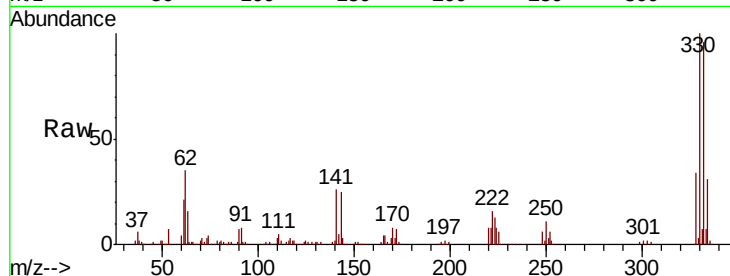




#41
 2,4,6-Tribromophenol
 Concen: 83.060 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.1	29.9	44.9

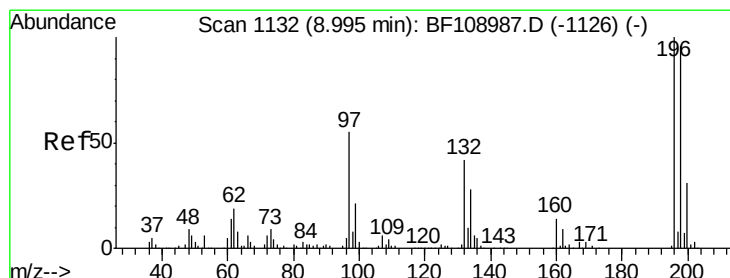
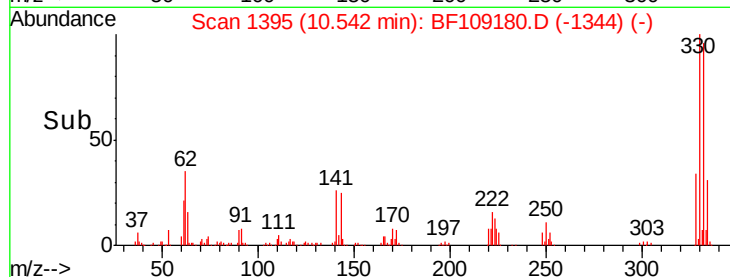
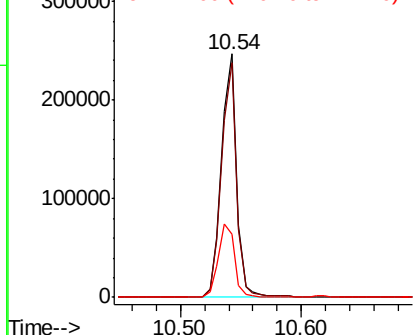


Abundance

Ion 329.80 (329.50 to 330.50): E

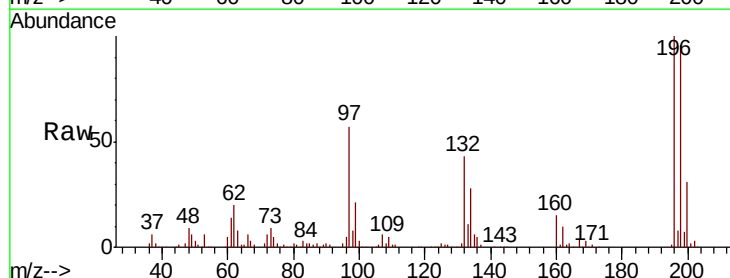
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.062 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.5	24.5	36.7

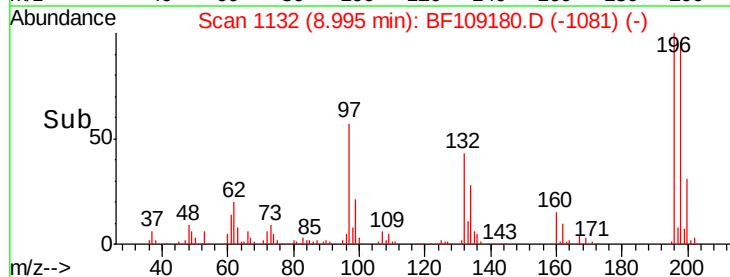
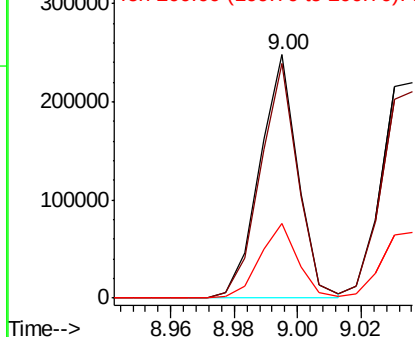


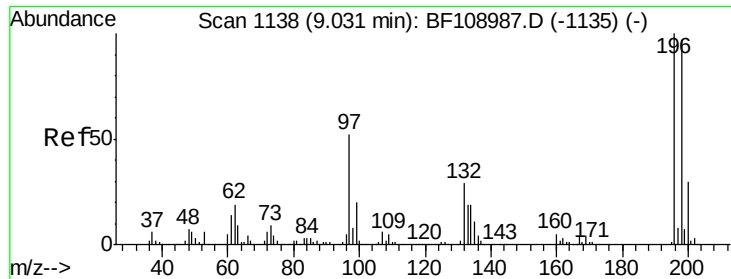
Abundance

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

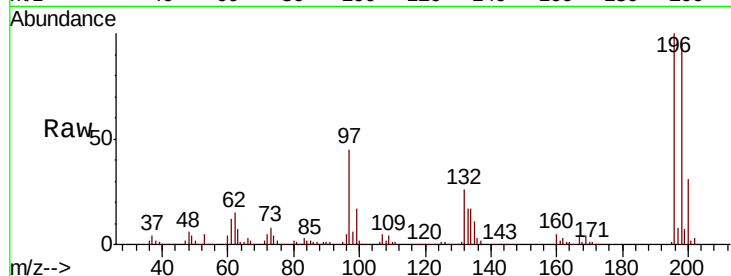




#43
 2,4,5-Trichlorophenol
 Concen: 41.197 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	216738
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.6	112.0
97	44.6	42.9	64.3
132	26.4	26.3	39.5



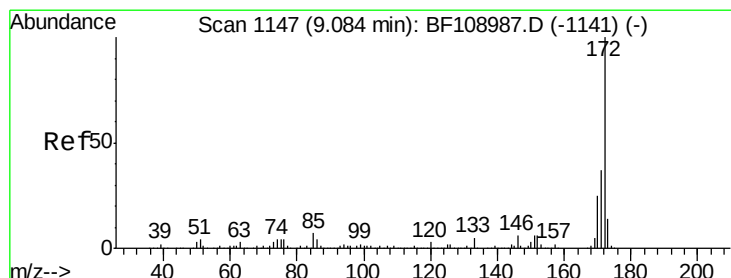
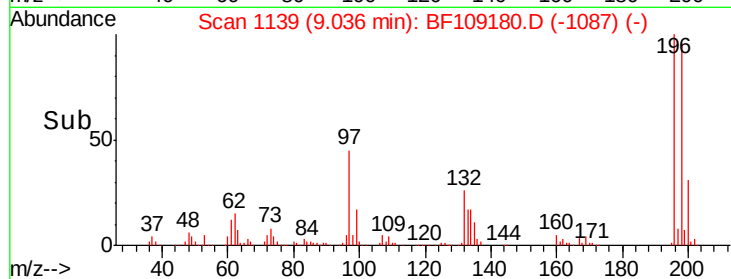
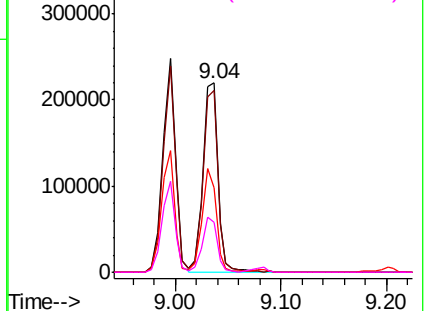
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

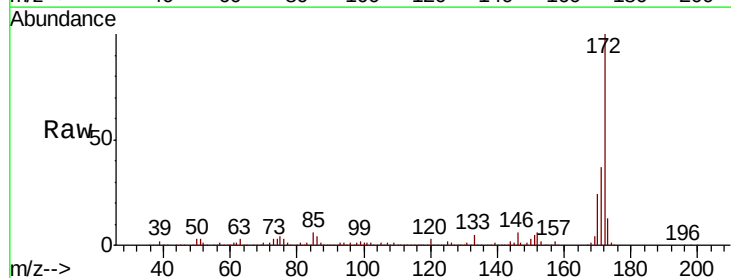
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.238 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	172	Resp	1264322
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

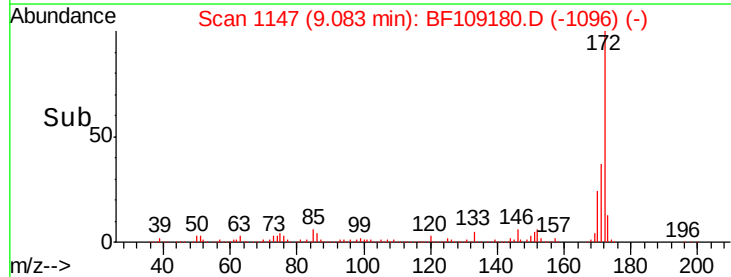
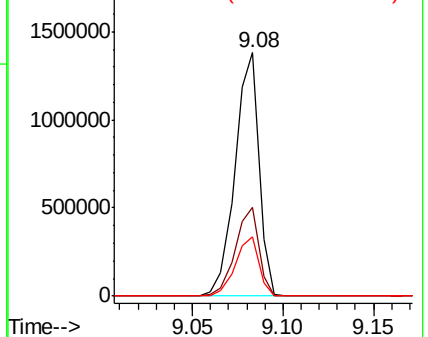


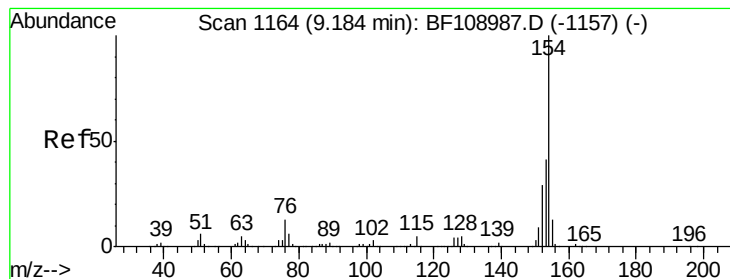
Abundance

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: 40.430 ng

RT: 9.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampled :

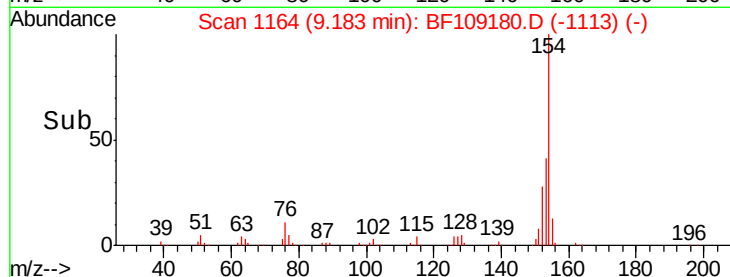
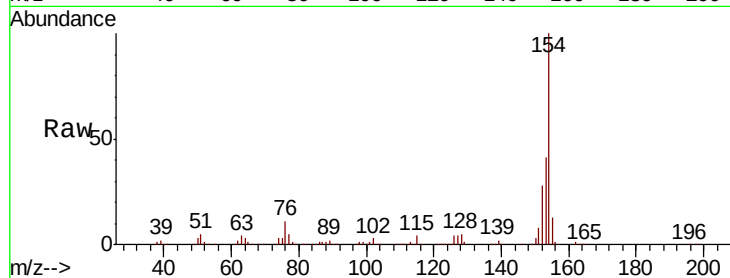
Tot Ion:154 Resp: 769750

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

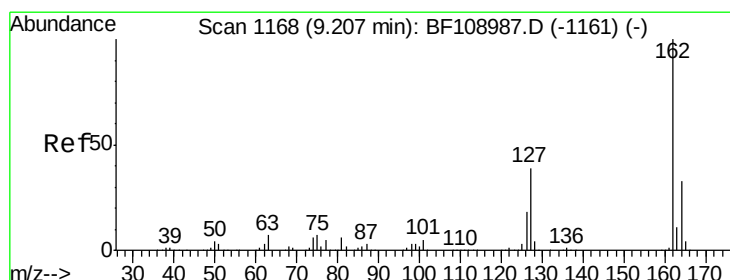
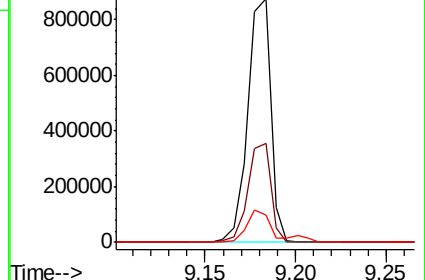
76 11.2 0.0 34.0



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: 40.163 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

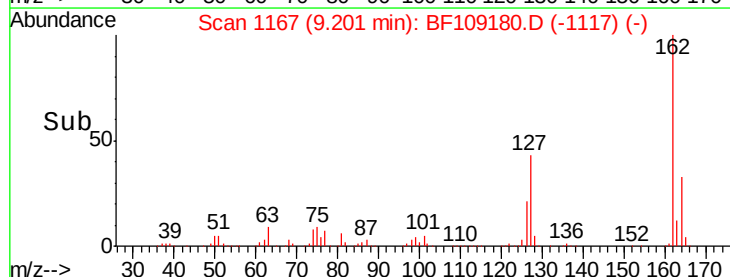
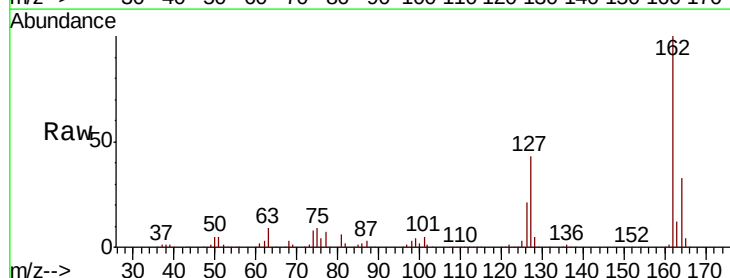
Tgt Ion:162 Resp: 612390

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

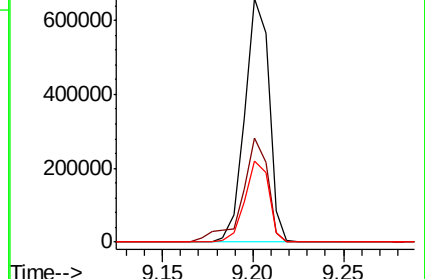
164 33.5 26.5 39.7

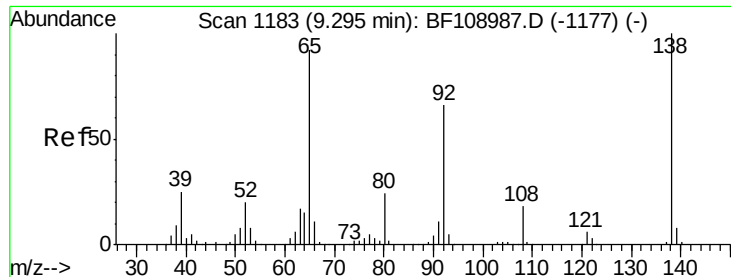


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

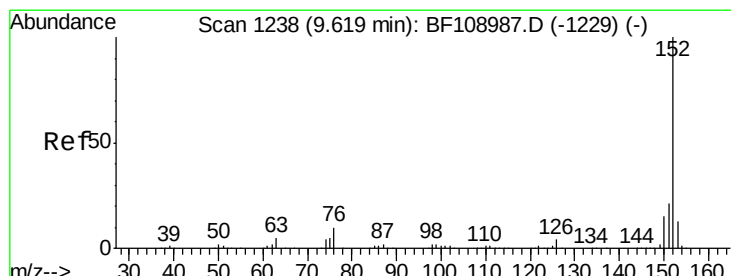
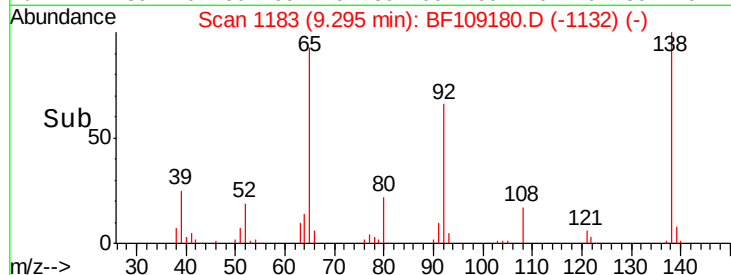
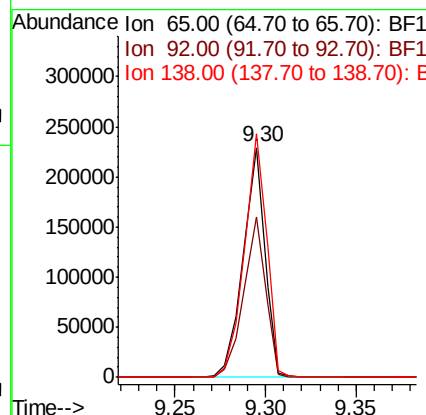
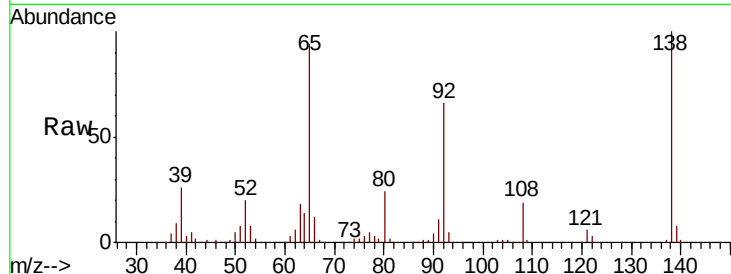




#47
 2-Nitroaniline
 Concen: 41.145 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

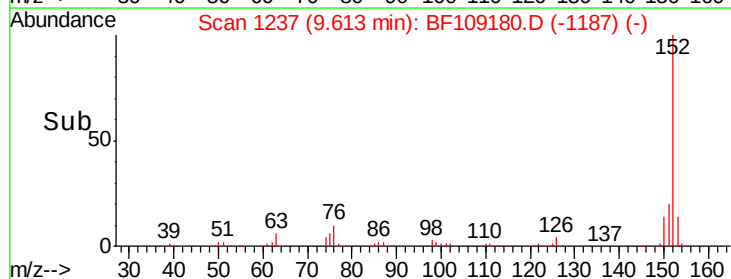
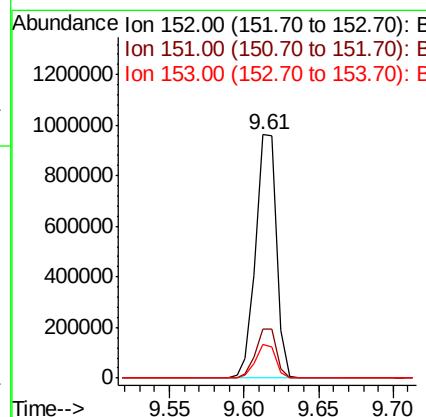
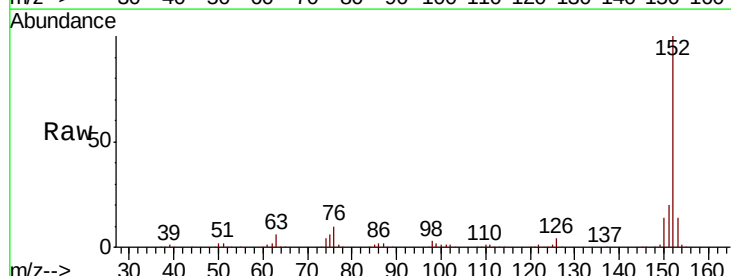
Instrument :
 BNA_F
 ClientSampleId :

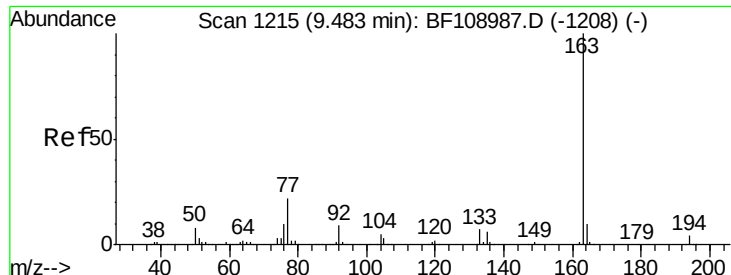
Tot Ion: 65 Resp: 192863
 Ion Ratio Lower Upper
 65 100
 92 69.5 55.8 83.6
 138 105.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.278 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion: 152 Resp: 925936
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.6 10.7 16.1

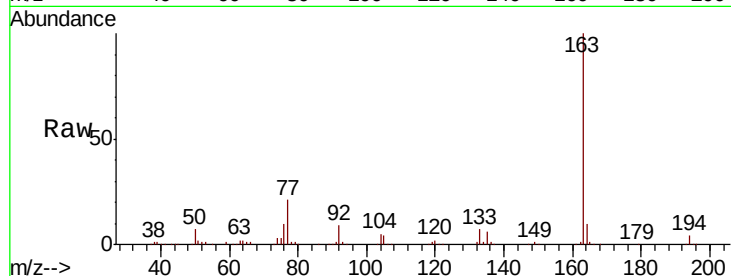




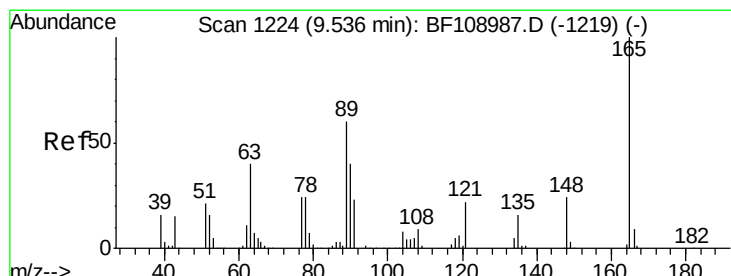
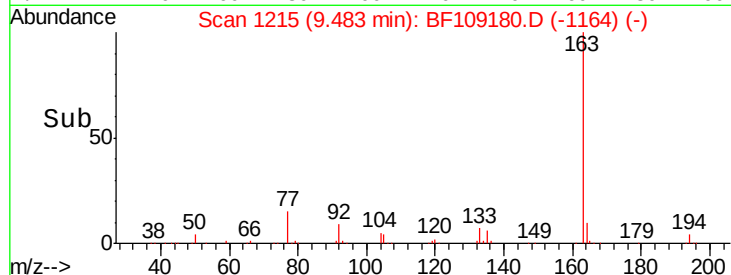
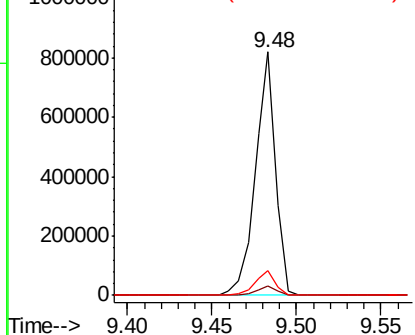
#49
Dimethylphthalate
Concen: 40.112 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 682261
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

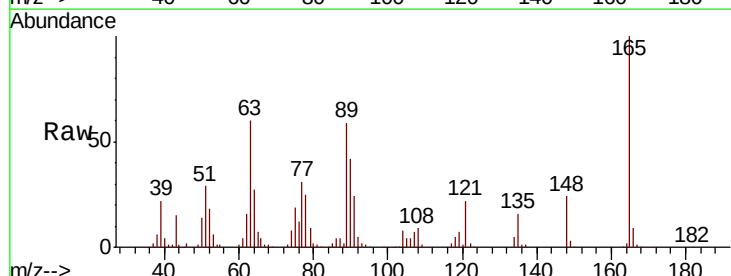


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

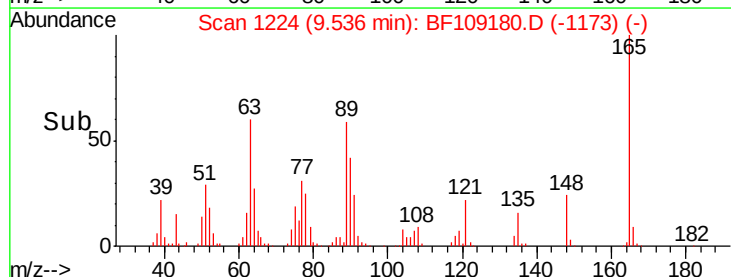
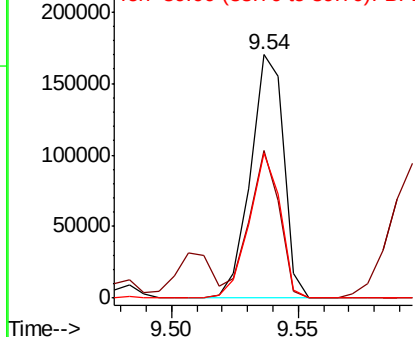


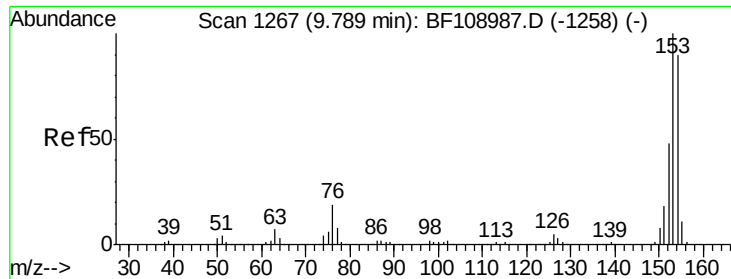
#50
2,6-Dinitrotoluene
Concen: 41.206 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:165 Resp: 155429
Ion Ratio Lower Upper
165 100
63 60.4 44.7 67.1
89 59.4 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

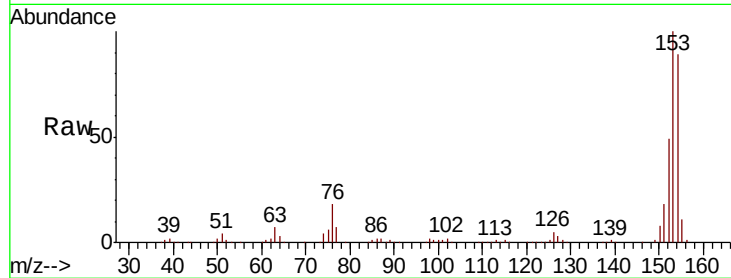




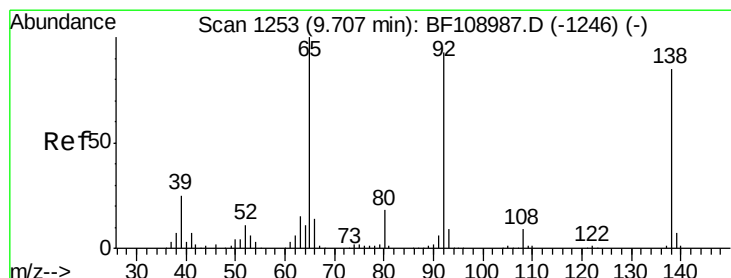
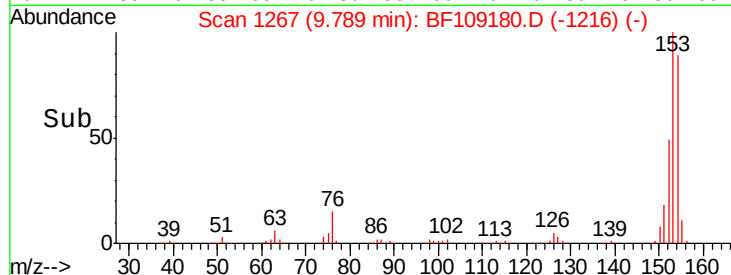
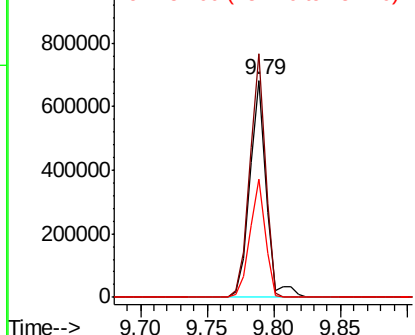
#51
Acenaphthene
Concen: 40.052 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 573344
Ion Ratio Lower Upper
154 100
153 112.2 91.2 136.8
152 54.5 43.8 65.8

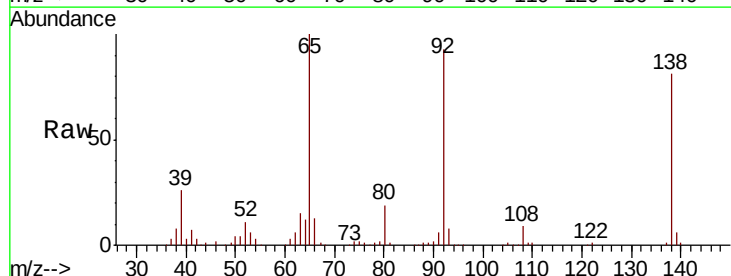


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

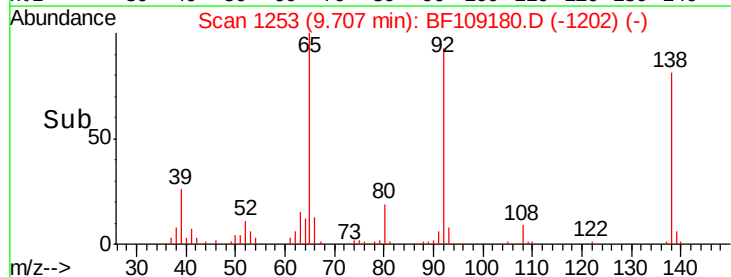
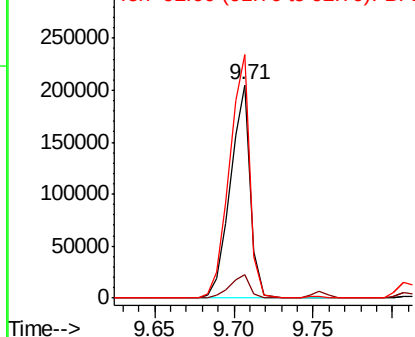


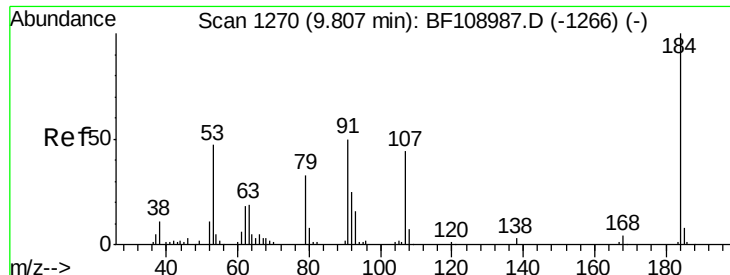
#52
3-Nitroaniline
Concen: 40.216 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:138 Resp: 178624
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 114.2 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

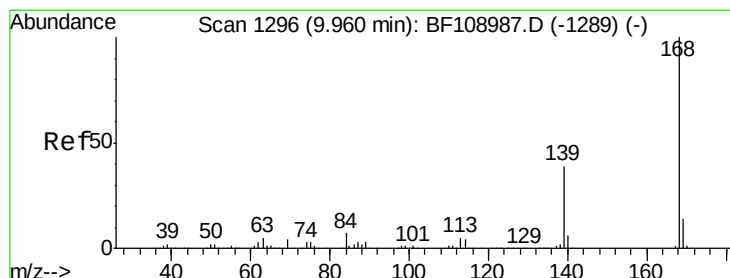
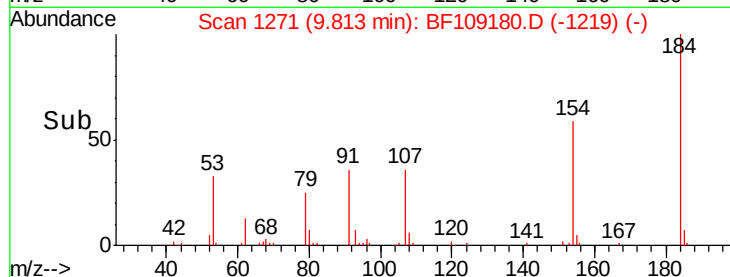
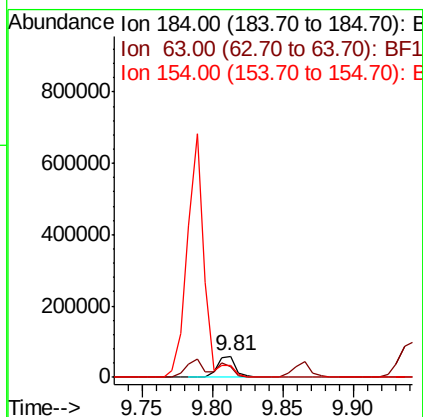
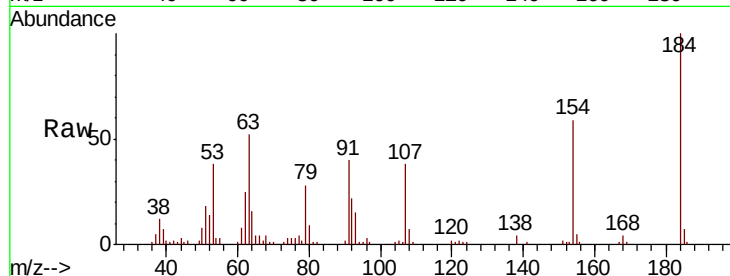




#53
 2,4-Dinitrophenol
 Concen: 37.278 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

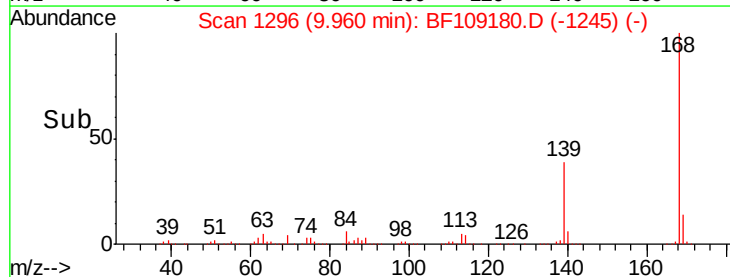
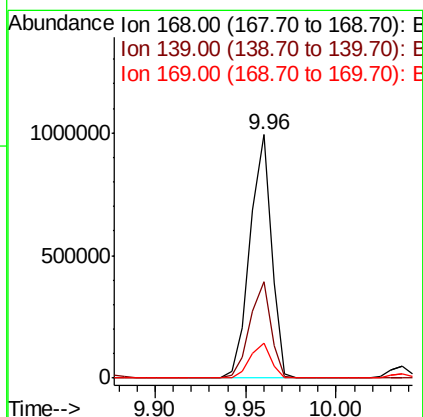
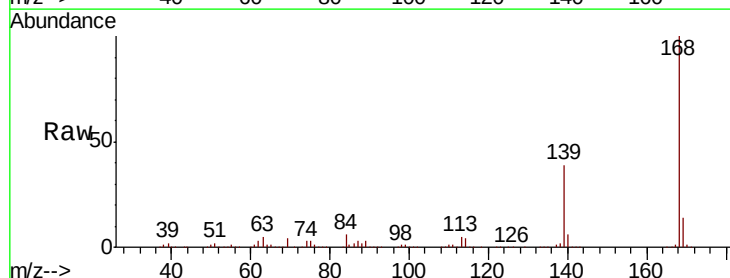
Instrument :
 BNA_F
 ClientSampled :

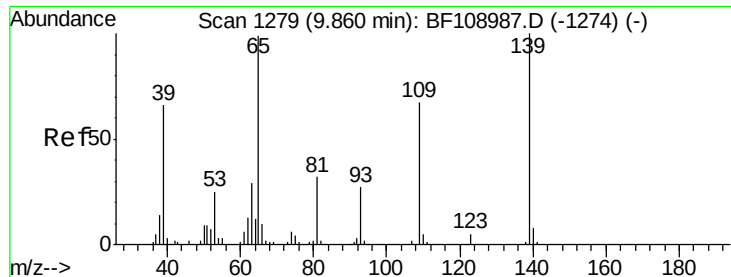
Tot Ion:184 Resp: 54191
 Ion Ratio Lower Upper
 184 100
 63 52.3 54.2 81.2#
 154 59.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.583 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion:168 Resp: 818826
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 14.4 10.9 16.3

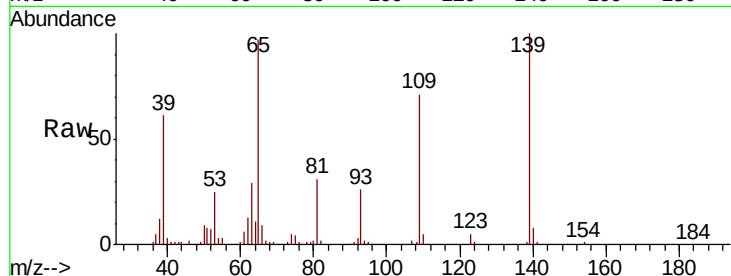




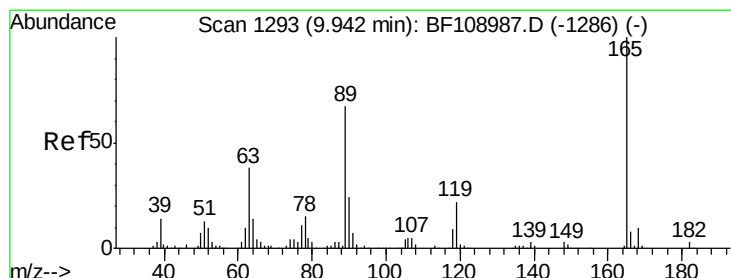
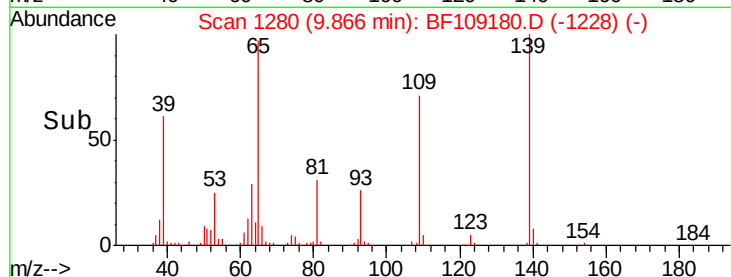
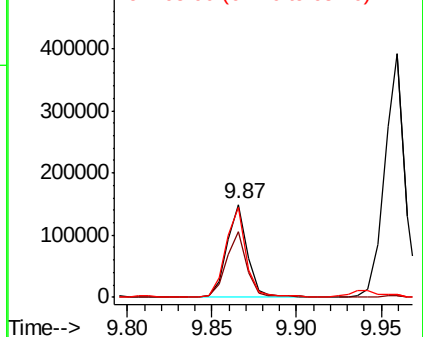
#55
4-Nitrophenol
Concen: 39.097 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 127942
Ion Ratio Lower Upper
139 100
109 70.9 48.4 88.4
65 97.3 72.6 112.6

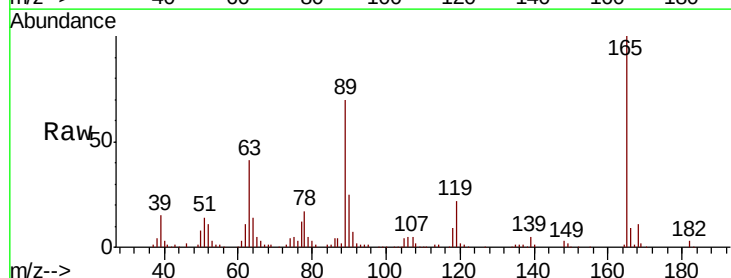


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

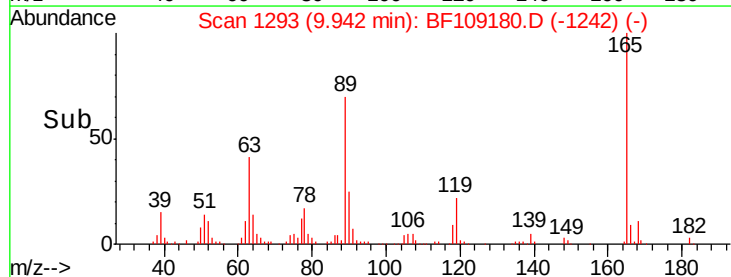
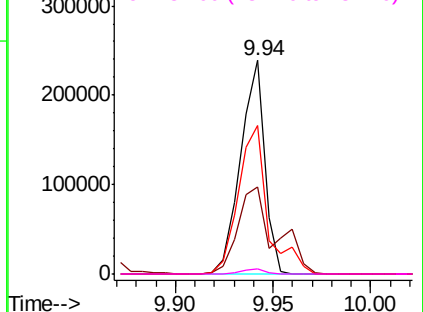


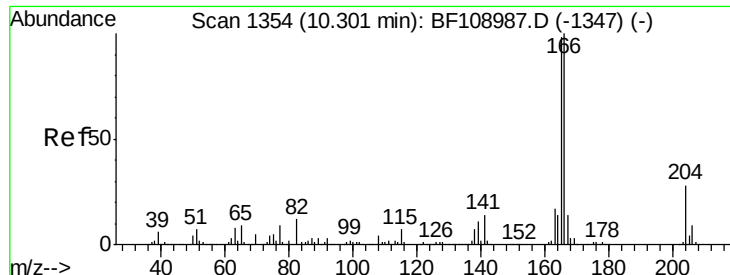
#56
2,4-Dinitrotoluene
Concen: 41.571 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:165 Resp: 205068
Ion Ratio Lower Upper
165 100
63 40.8 36.4 54.6
89 69.6 57.8 86.6
182 2.6 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

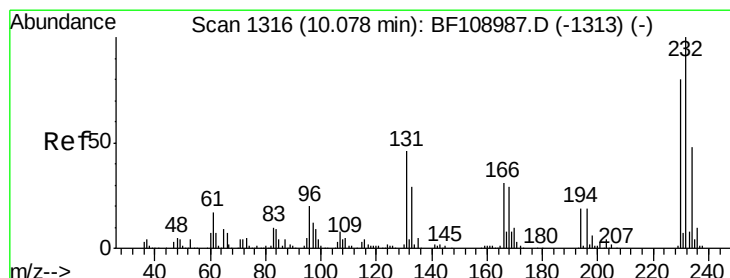
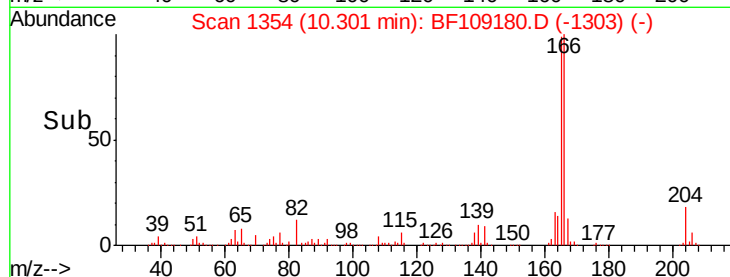
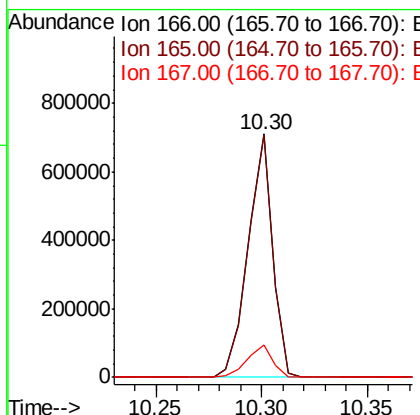
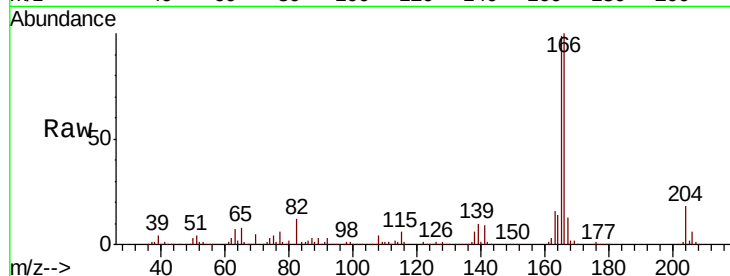




#57
 Fluorene
 Concen: 41.789 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

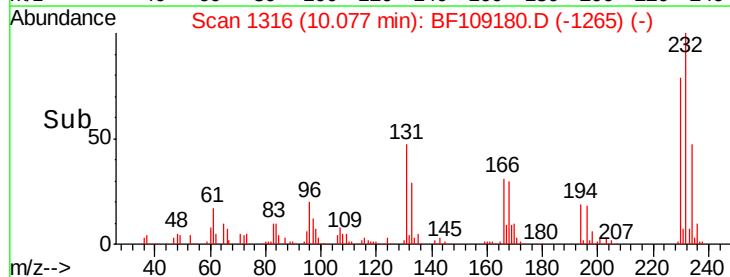
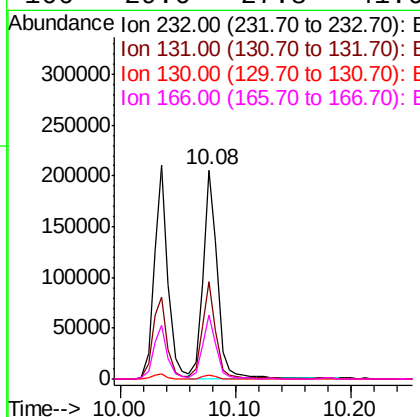
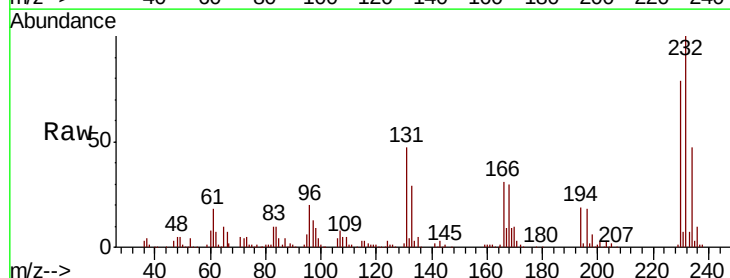
Instrument :
 BNA_F
 ClientSampleId :

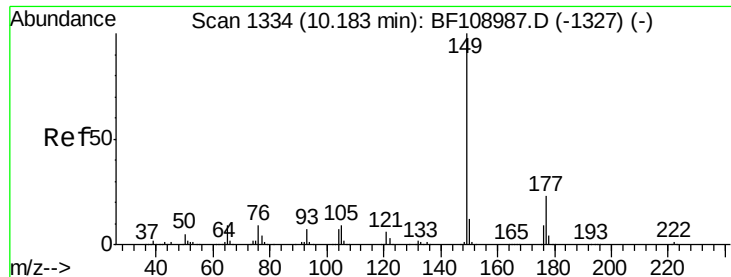
Tot Ion:166 Resp: 576073
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.910 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion:232 Resp: 178212
 Ion Ratio Lower Upper
 232 100
 131 44.3 43.8 65.8
 130 2.0 2.1 3.1#
 166 29.6 27.8 41.6





#59

Diethylphthalate

Concen: 39.505 ng

RT: 10.18 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampled :

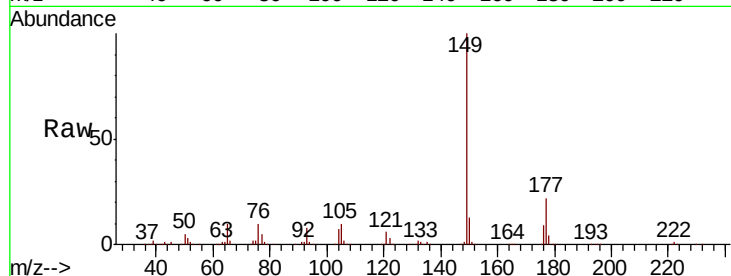
Tot Ion:149 Resp: 678541

Ion Ratio Lower Upper

149 100

177 21.9 16.1 24.1

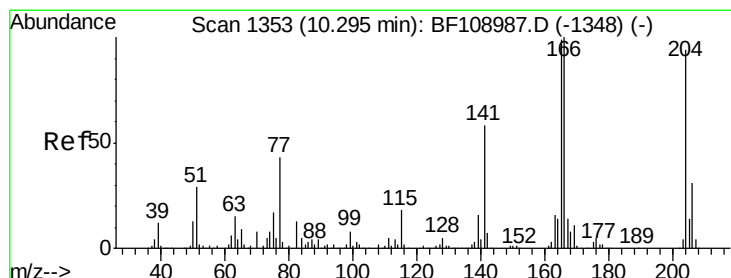
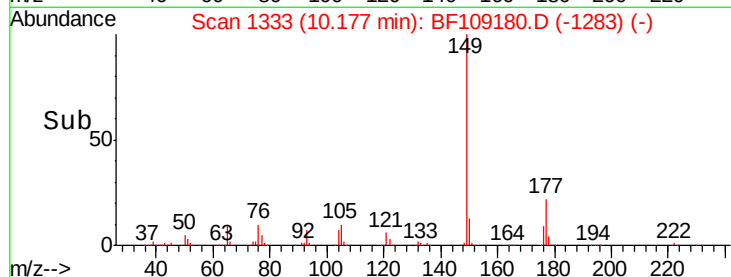
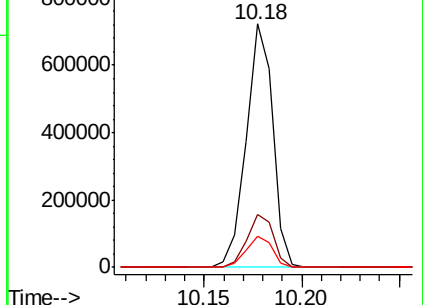
150 12.9 10.1 15.1



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: 42.047 ng

RT: 10.30 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

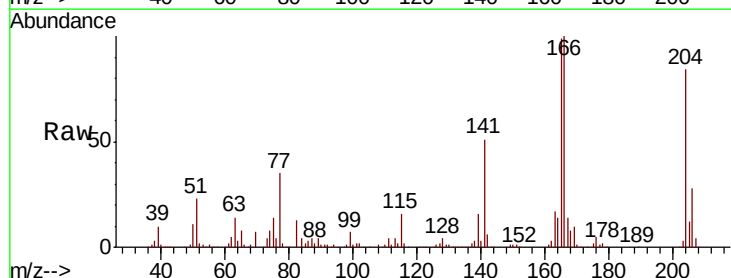
Tgt Ion:204 Resp: 310380

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

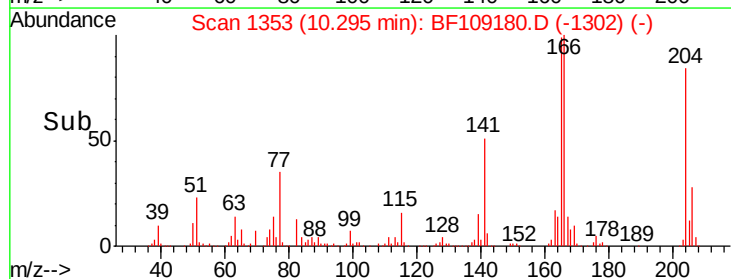
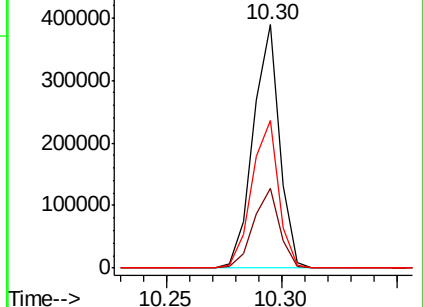
141 60.7 54.6 81.8

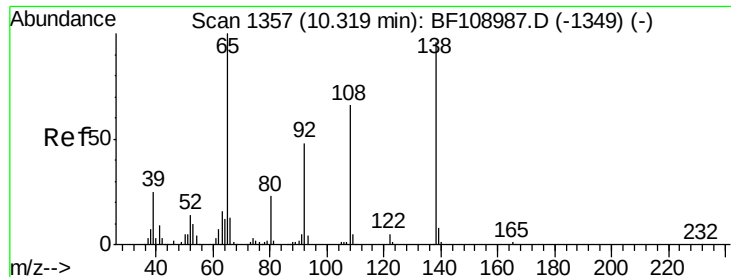


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.585 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampled :

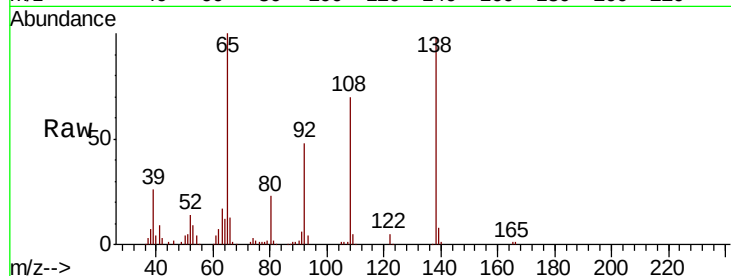
Tot Ion:138 Resp: 175482

Ion Ratio Lower Upper

138 100

92 49.3 30.2 70.2

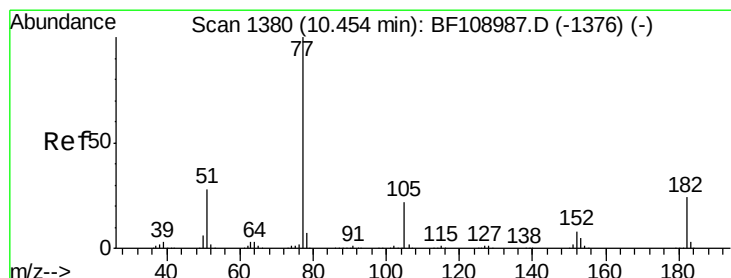
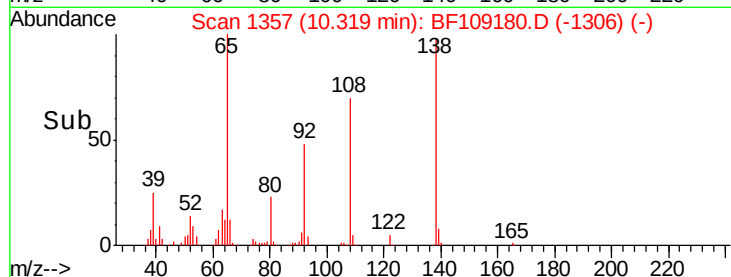
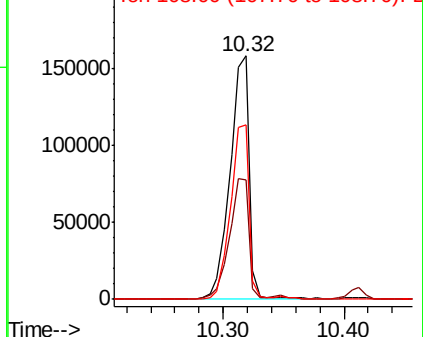
108 71.5 52.5 92.5



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: 39.421 ng

RT: 10.45 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Tgt Ion: 77 Resp: 693095

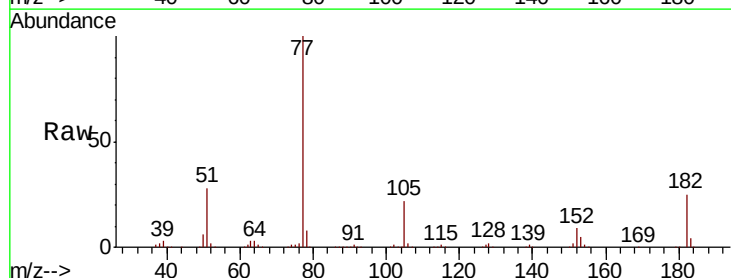
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 22.2 3.0 43.0

51 27.8 9.9 49.9

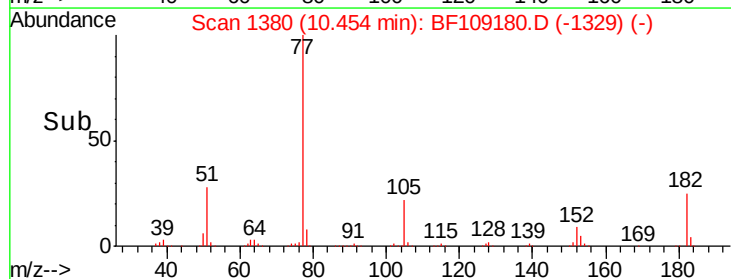
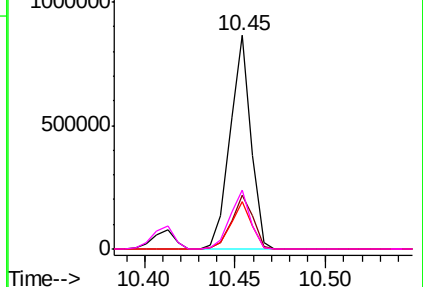


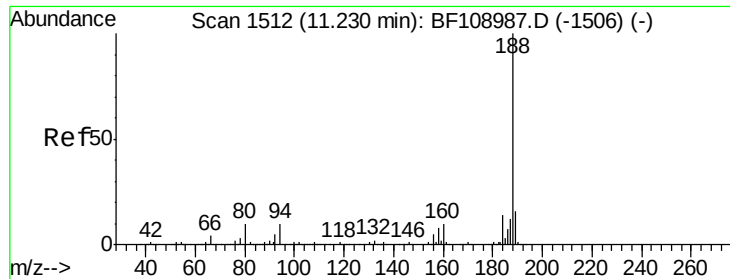
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

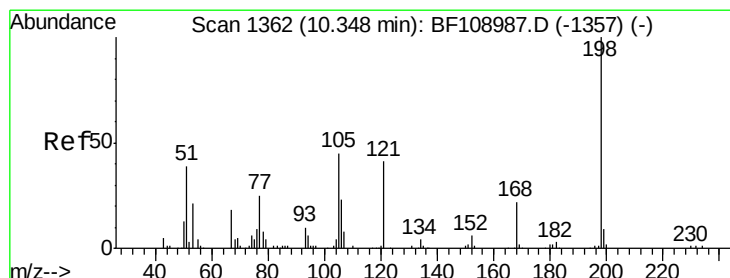
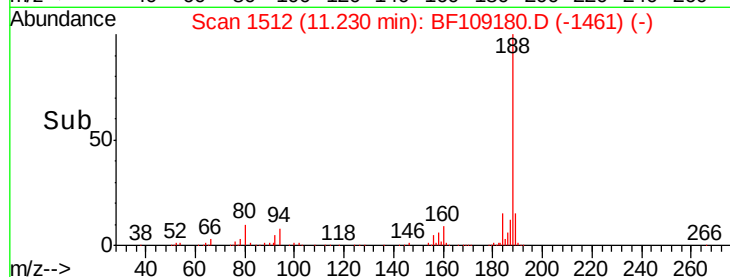
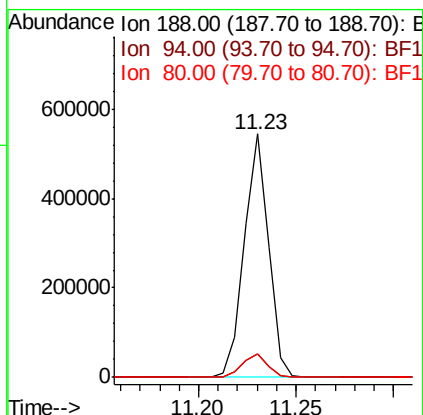
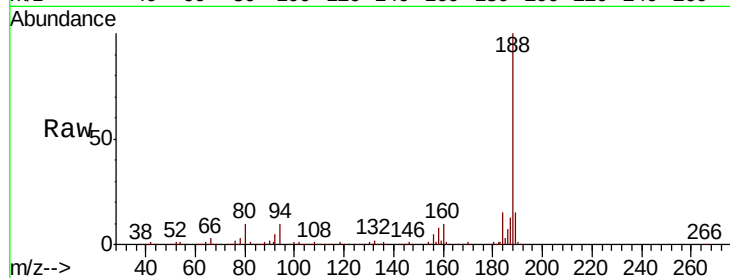




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

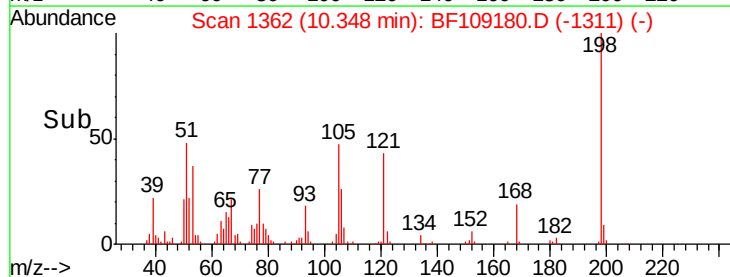
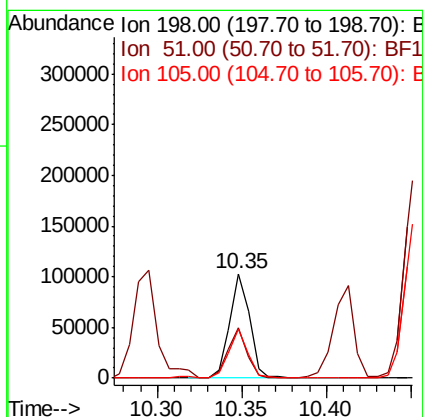
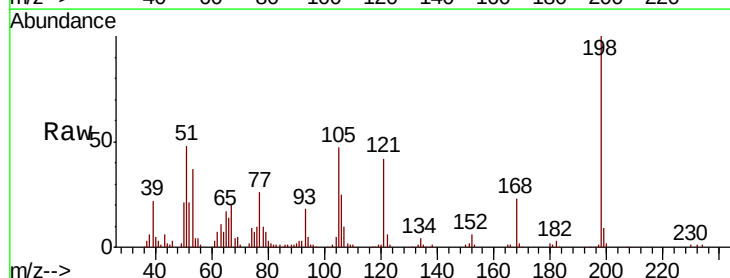
Instrument :
BNA_F
ClientSampleId :

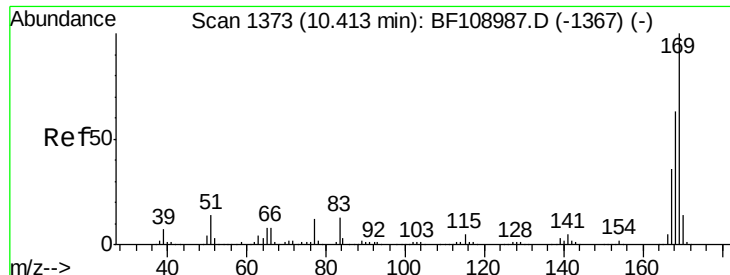
Tot Ion:188 Resp: 469545
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.617 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:198 Resp: 84508
Ion Ratio Lower Upper
198 100
51 47.9 37.7 77.7
105 46.9 36.3 76.3

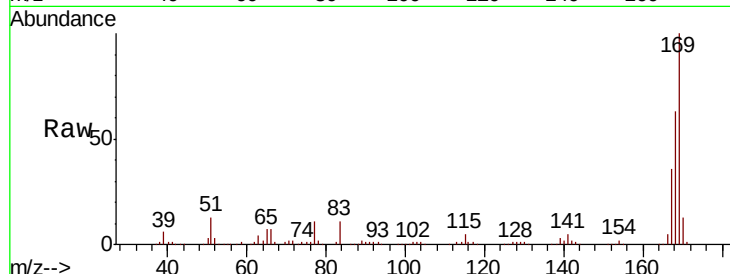




#65
 n-Nitrosodiphenylamine
 Concen: 39.372 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	35.6	29.8	44.6

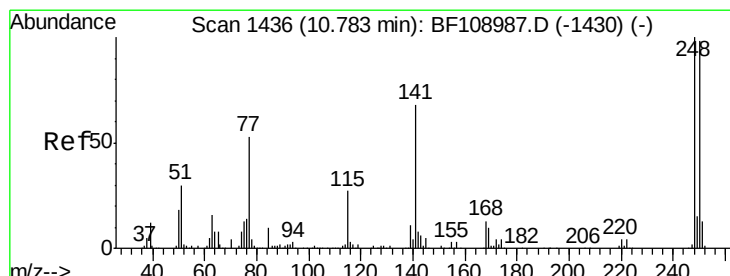
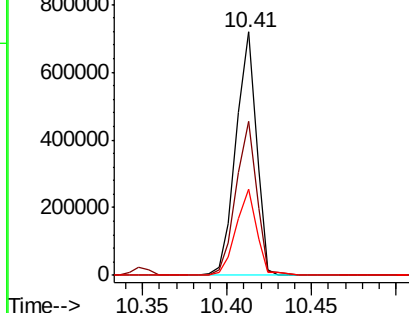
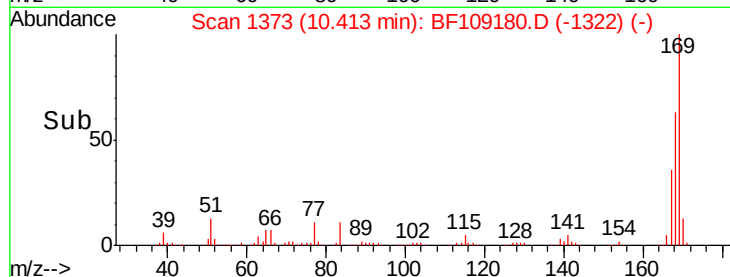


Abundance

Ion 169.00 (168.70 to 169.70): E

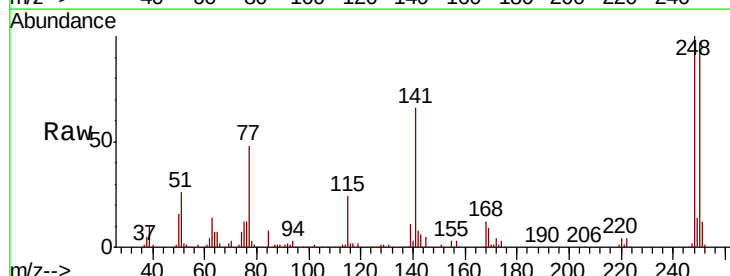
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 39.655 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	66.2	74.4	111.6#

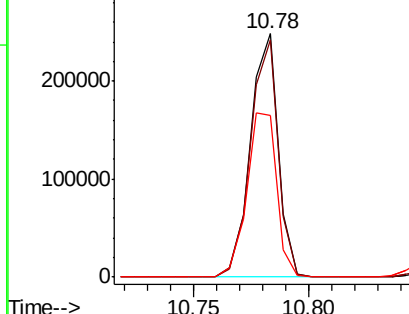
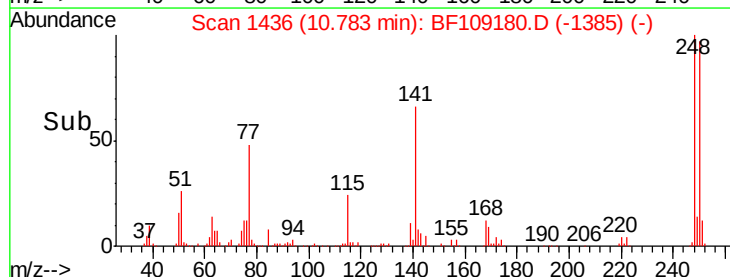


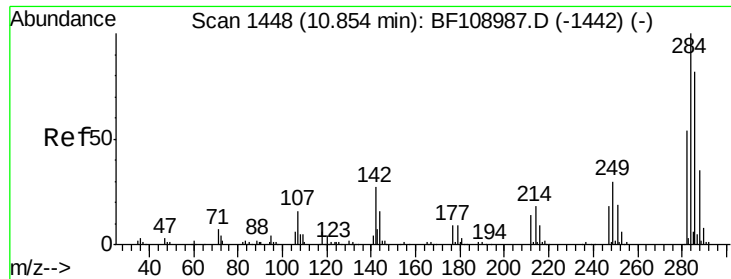
Abundance

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

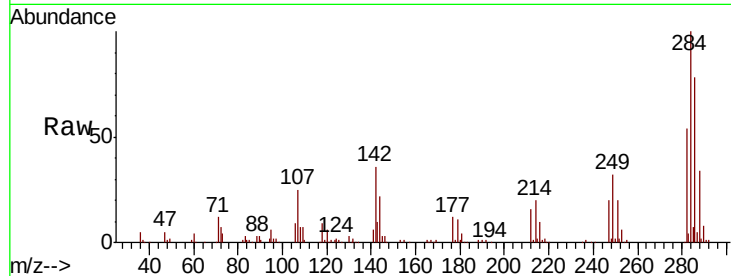




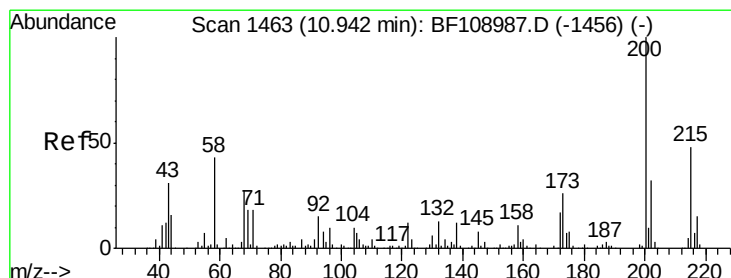
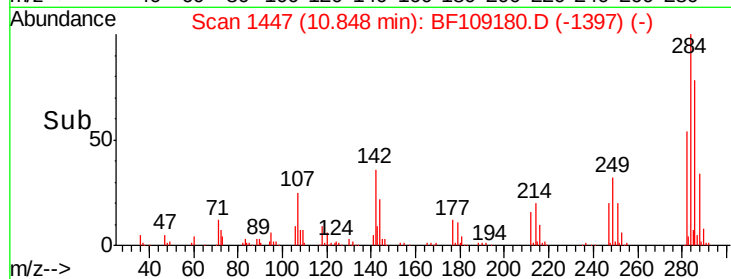
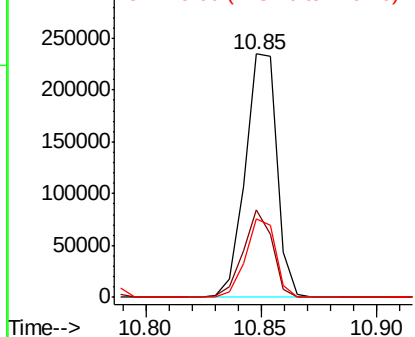
#67
Hexachlorobenzene
Concen: 39.854 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.0	34.6	52.0
249	32.0	24.8	37.2

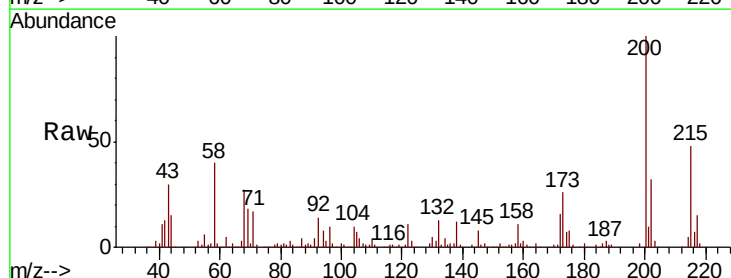


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

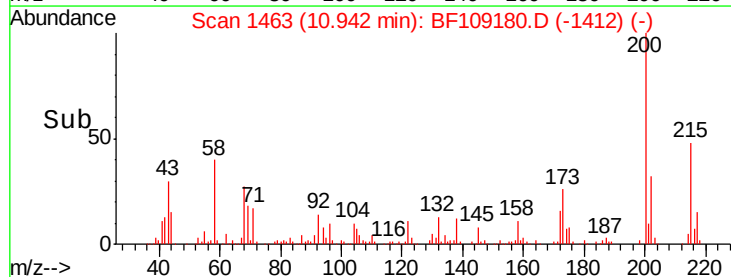
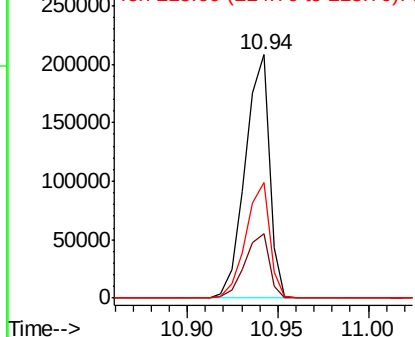


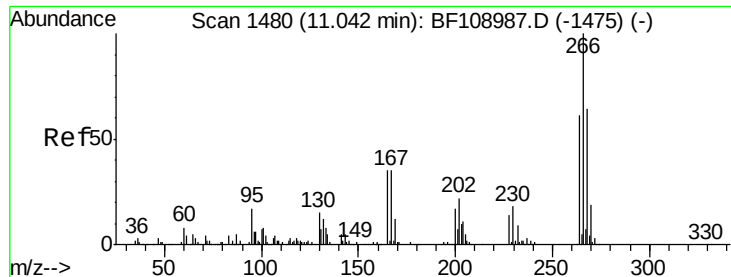
#68
Atrazine
Concen: 39.418 ng
RT: 10.94 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	47.7	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

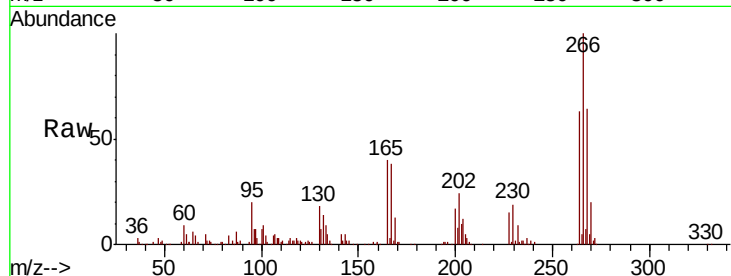




#69
 Pentachlorophenol
 Concen: 39.626 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.3	49.5	74.3

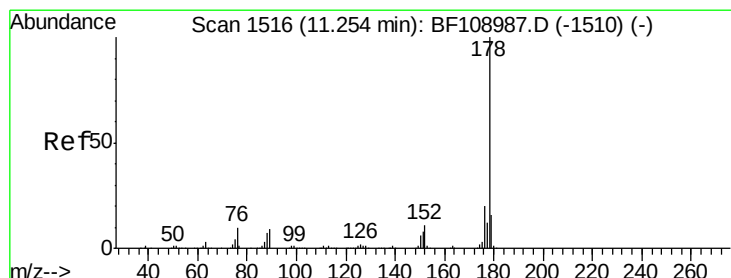
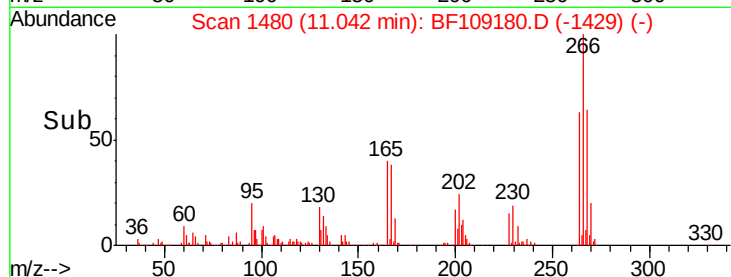
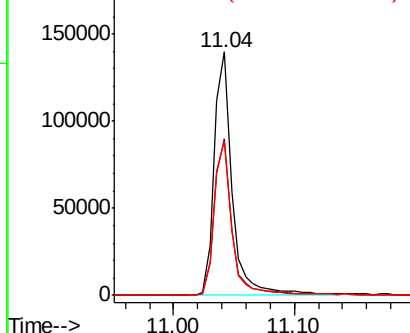


Abundance

Ion 265.70 (265.40 to 266.40): E

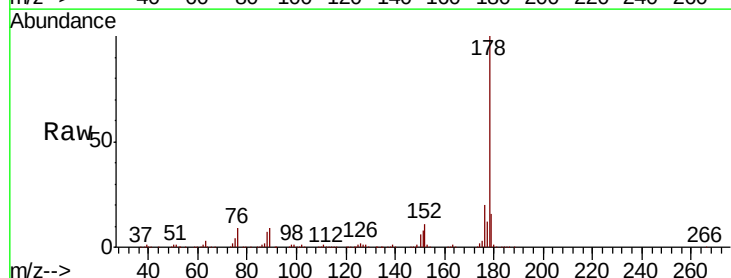
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.144 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6

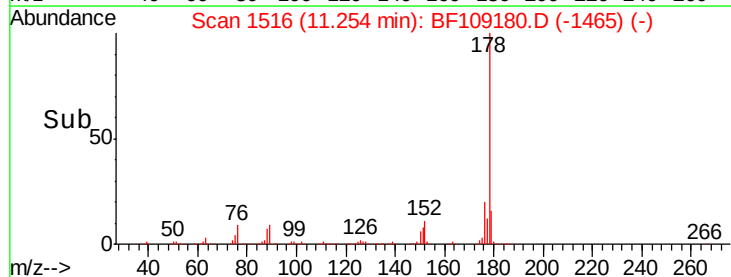
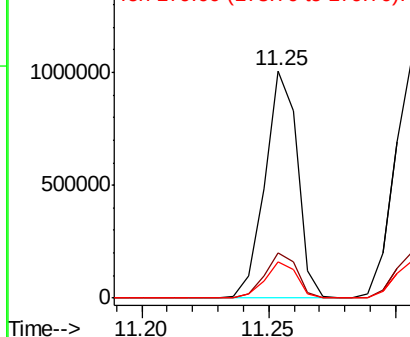


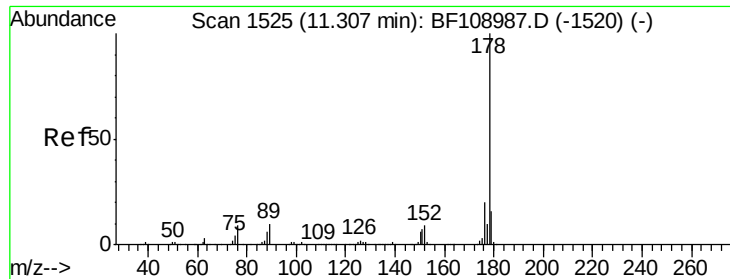
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

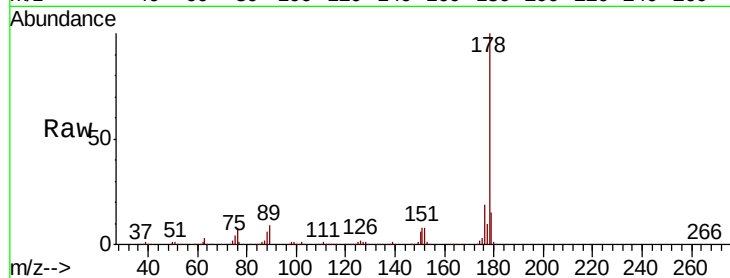




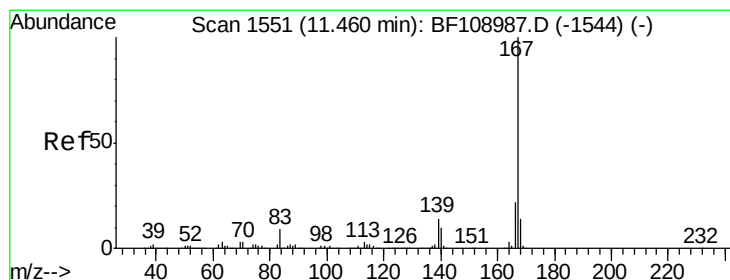
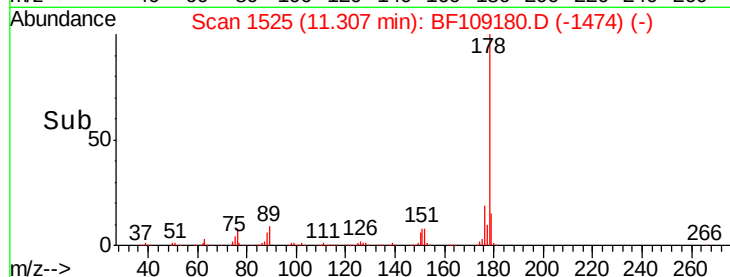
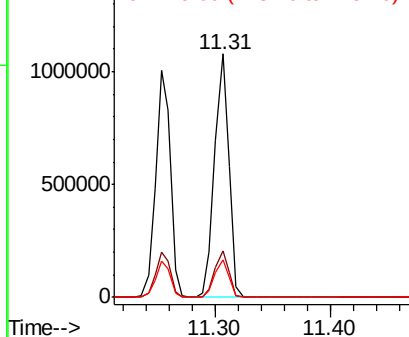
#71
 Anthracene
 Concen: 39.813 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 928931
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

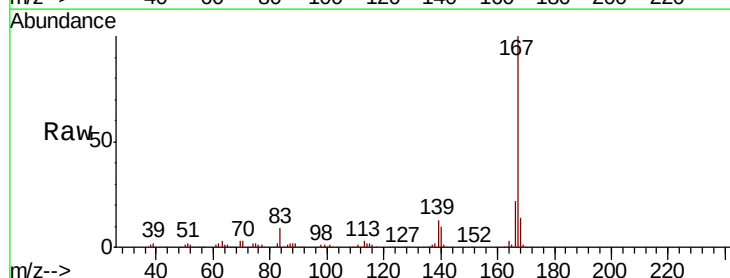


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

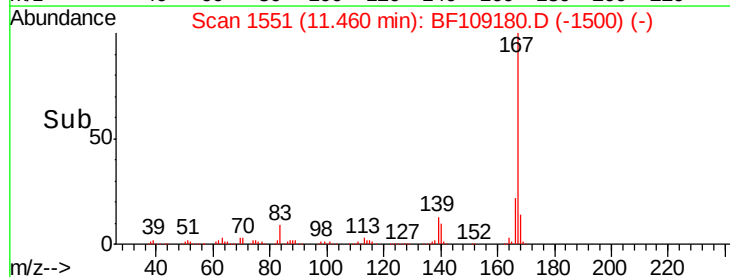
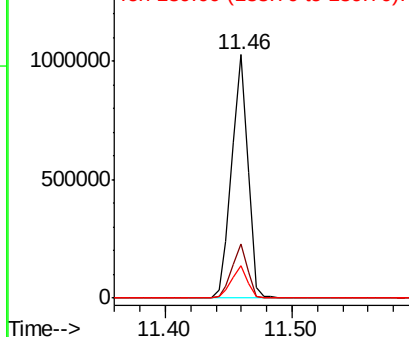


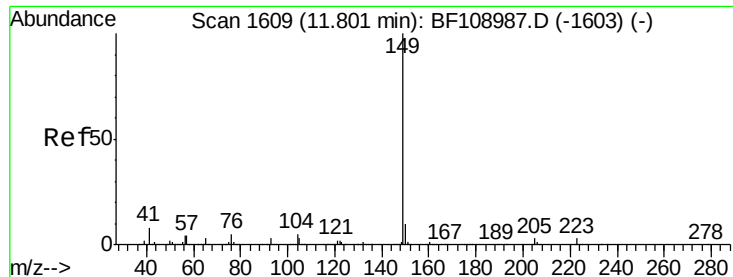
#72
 Carbazole
 Concen: 39.080 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion:167 Resp: 902640
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 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: 38.011 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

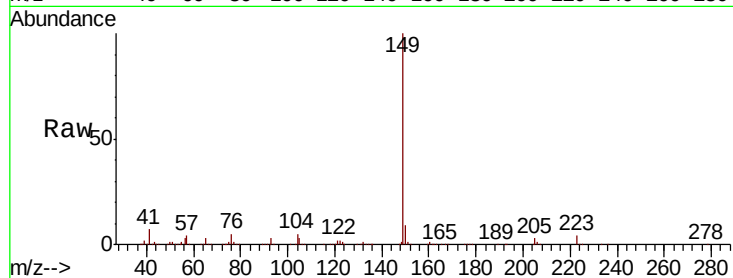
Tot Ion:149 Resp: 1027691

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

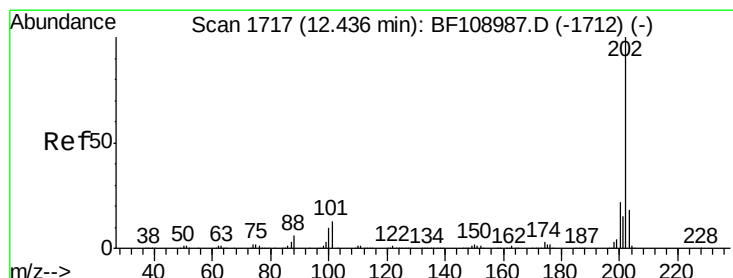
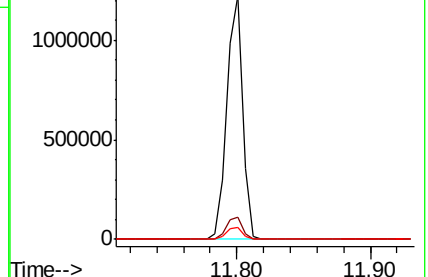
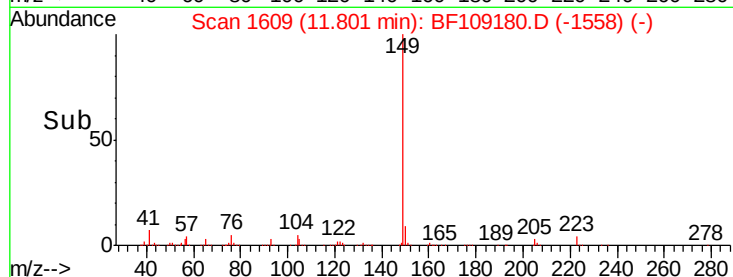
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.933 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

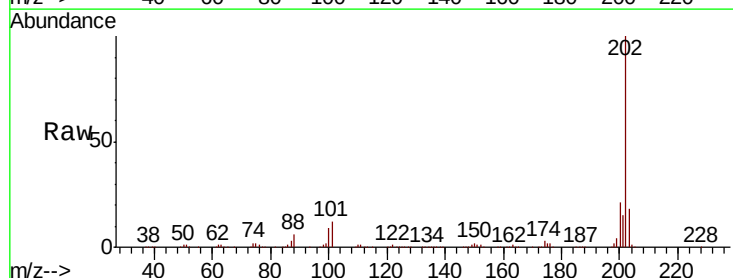
Tgt Ion:202 Resp: 946041

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

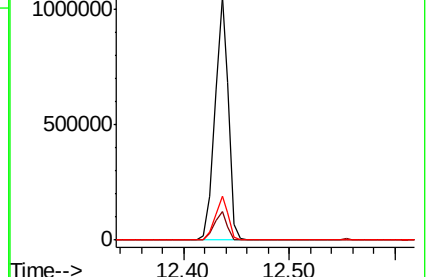
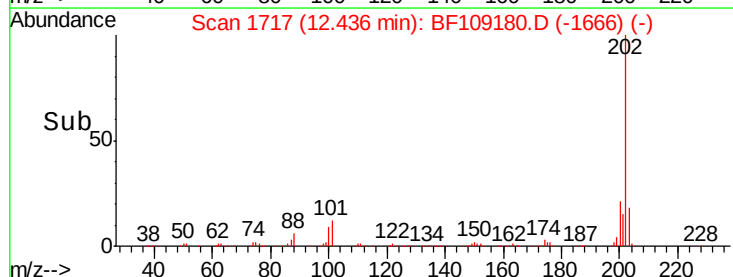
203 18.0 0.0 38.1

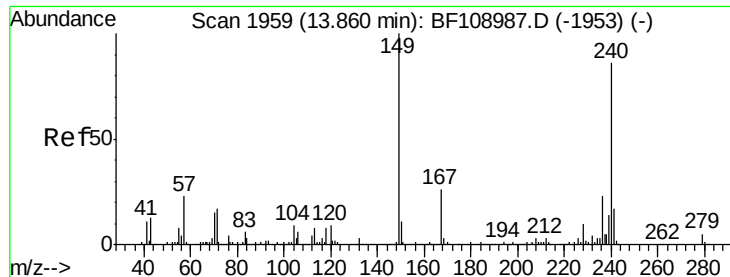


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

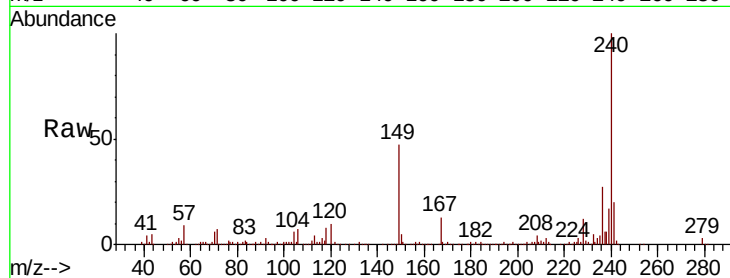
Tot Ion:240 Resp: 321145

Ion Ratio Lower Upper

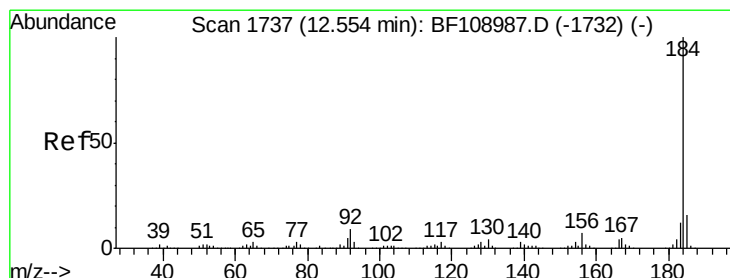
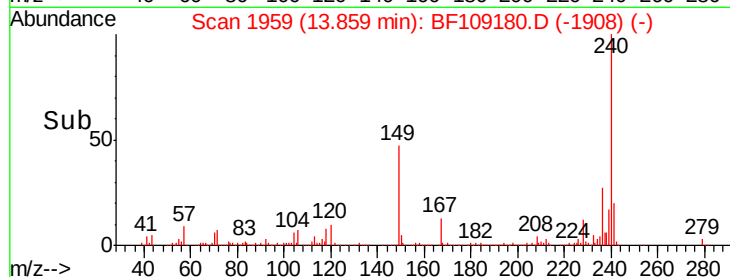
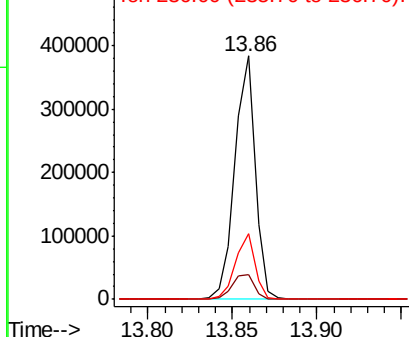
240 100

120 9.9 9.5 14.3

236 27.2 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: 52.102 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

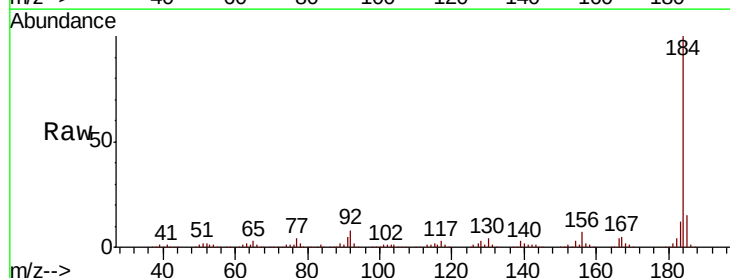
Tgt Ion:184 Resp: 592305

Ion Ratio Lower Upper

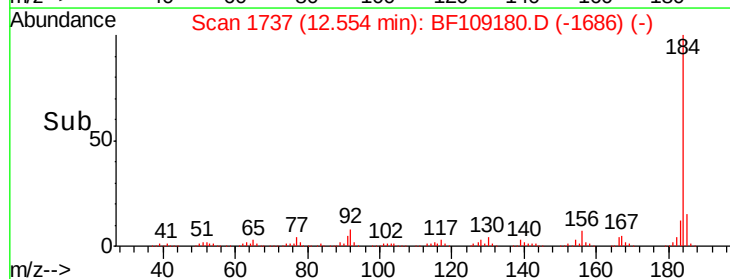
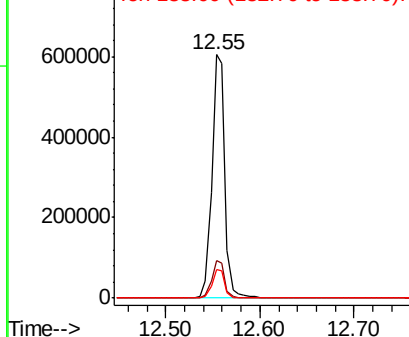
184 100

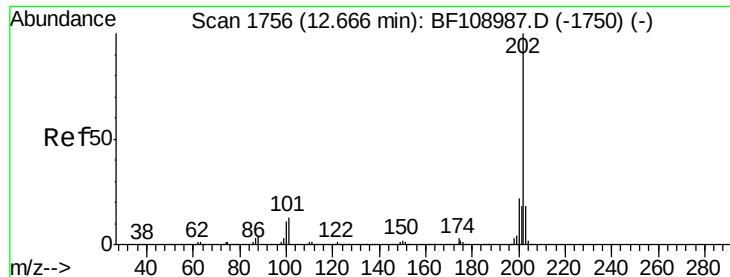
185 15.4 12.6 18.8

183 11.6 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

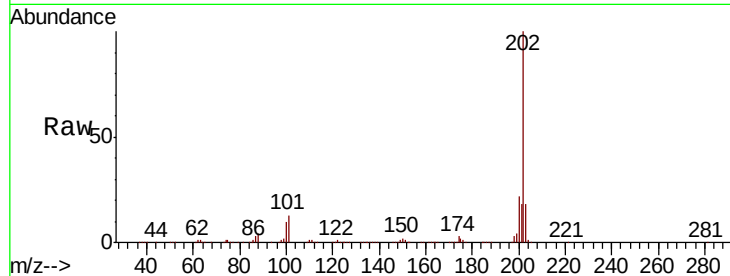




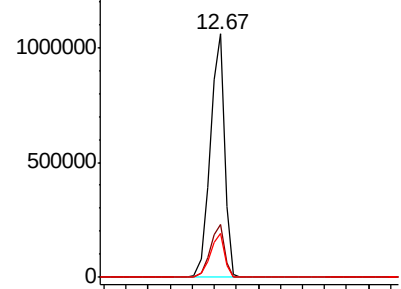
#77
Pvrene
Concen: 40.458 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

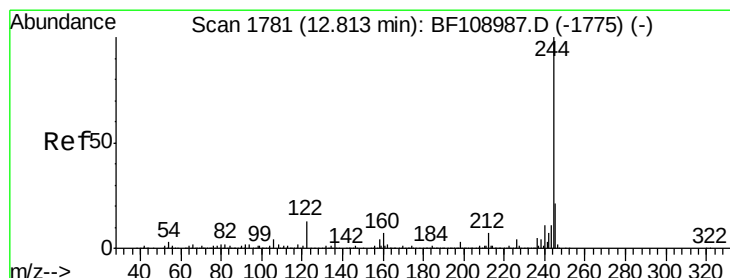
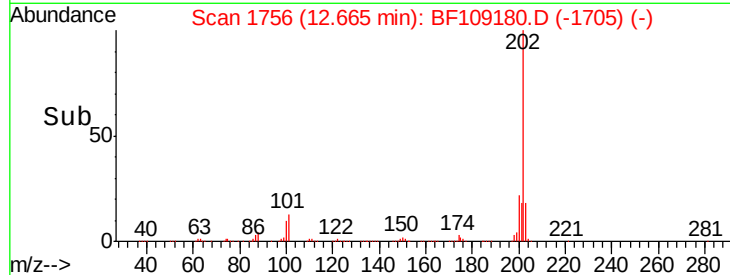
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5



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

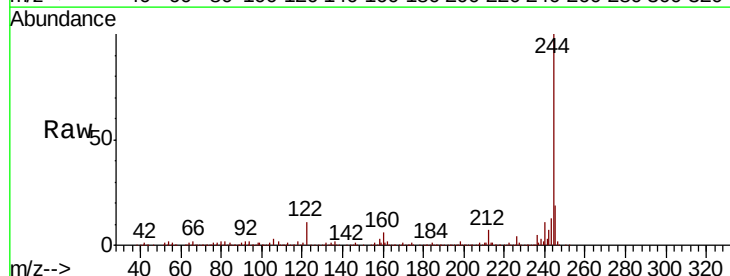


Time-->

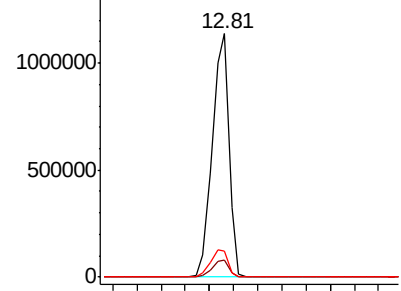


#78
Terphenyl-d14
Concen: 80.414 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

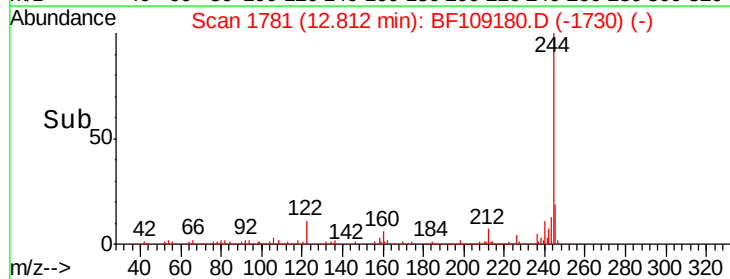
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4

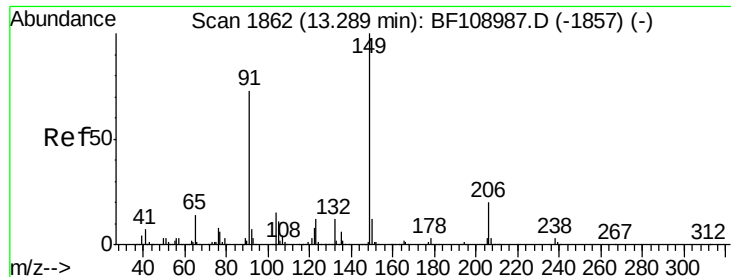


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

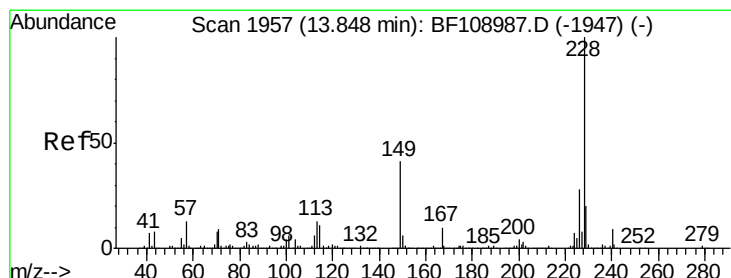
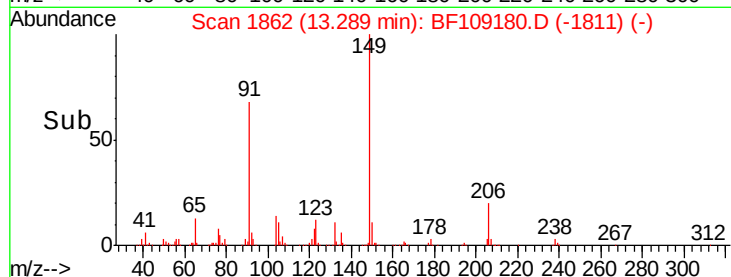
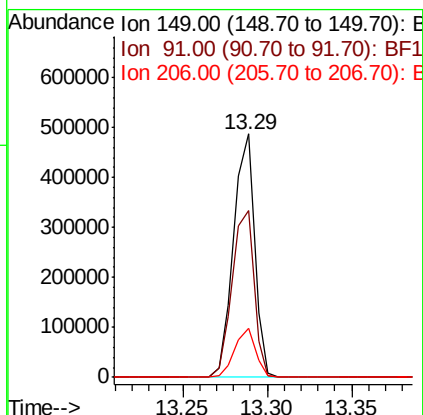
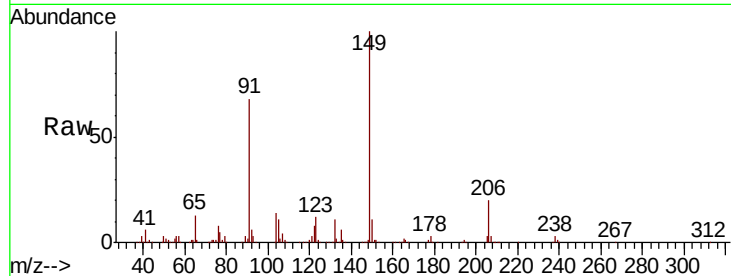




#79
Butylbenzylphthalate
Concen: 39.568 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

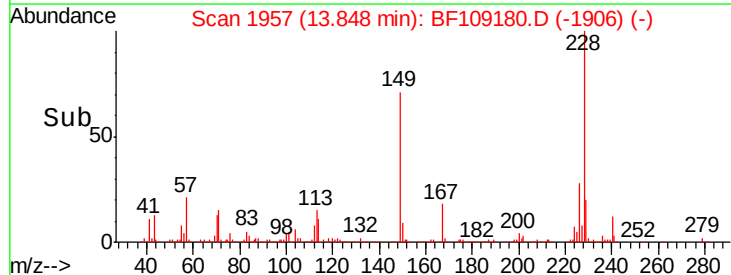
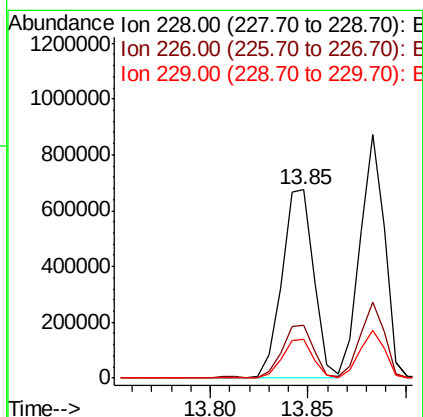
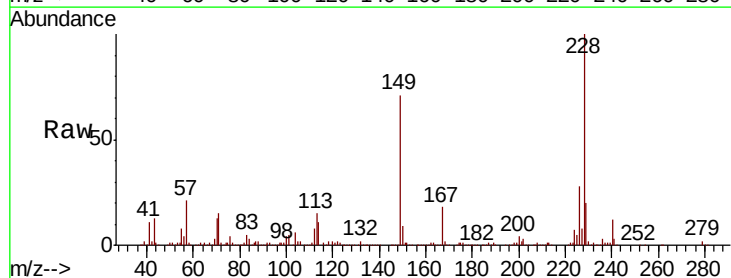
Instrument :
BNA_F
ClientSampleId :

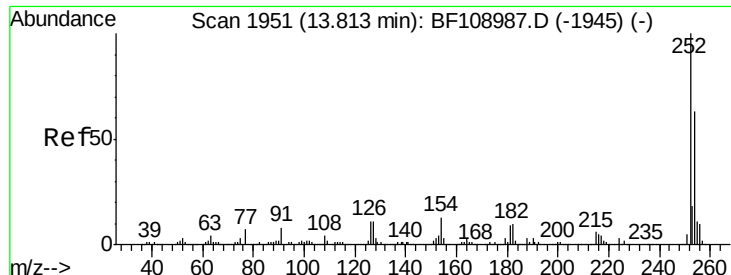
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.188 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6

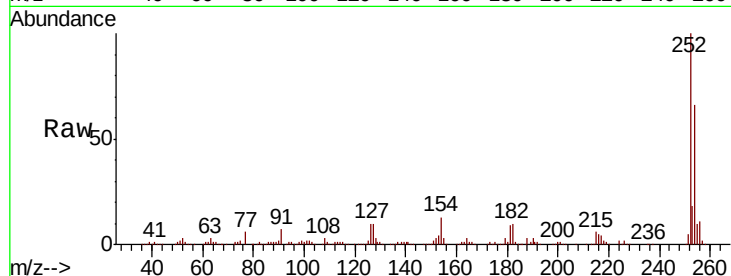




#81
 3,3'-Dichlorobenzidine
 Concen: 38.055 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	10.1	11.3	16.9#

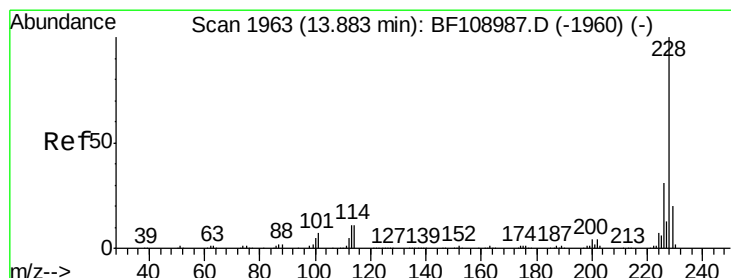
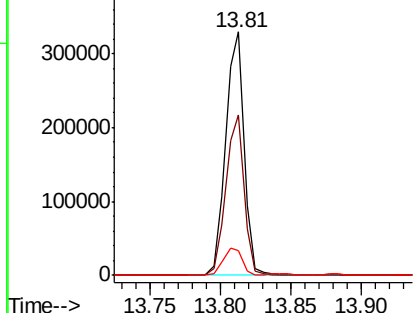
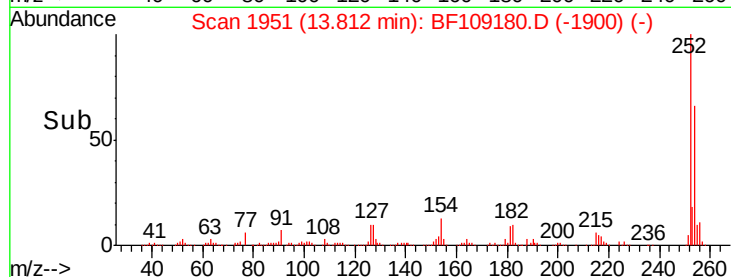


Abundance

Ion 252.00 (251.70 to 252.70): E

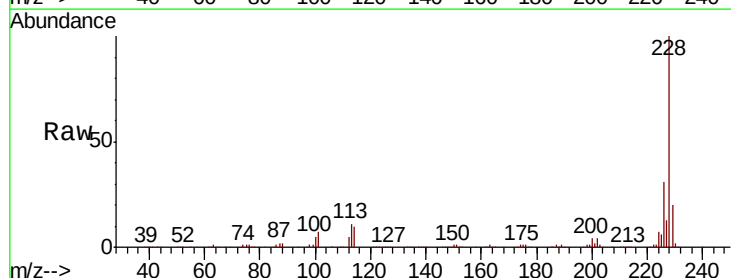
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.985 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.7	16.2	24.4

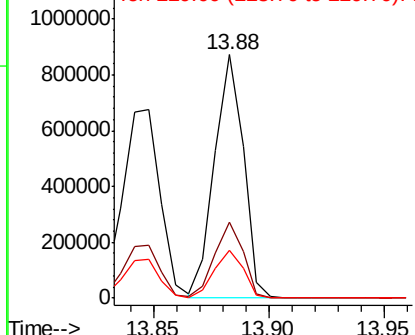
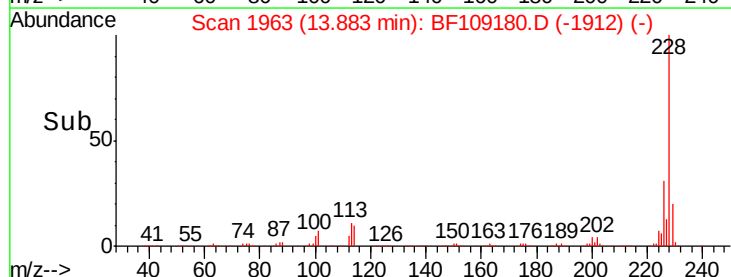


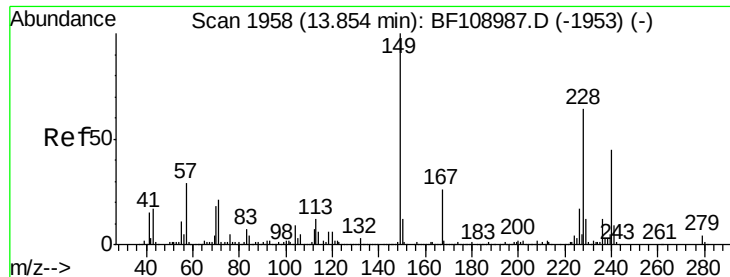
Abundance

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

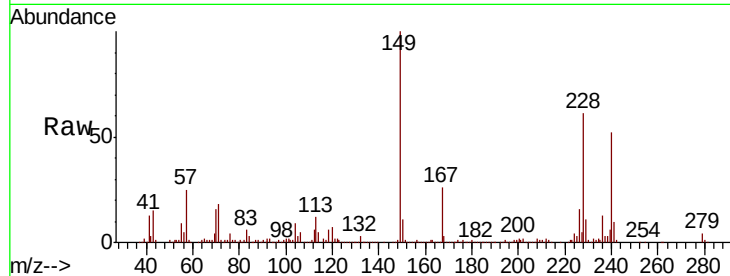




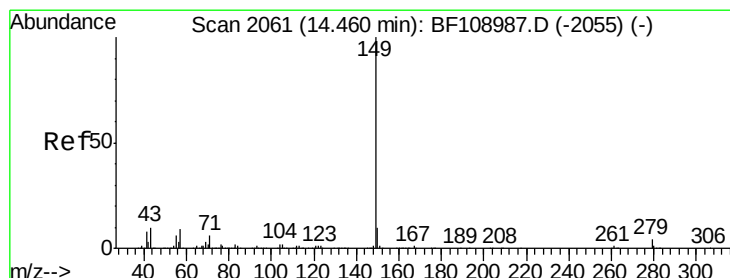
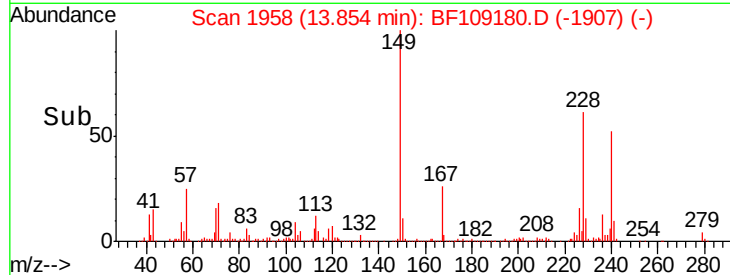
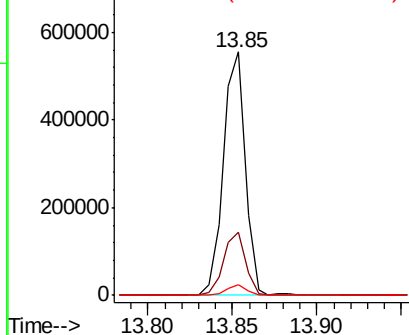
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.002 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.2	3.0	4.4

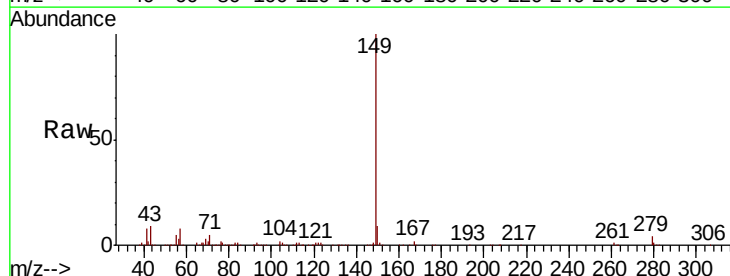


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

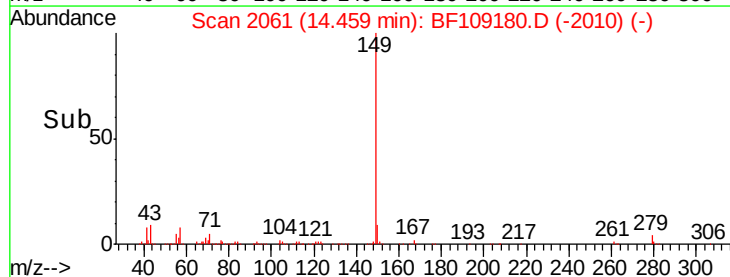
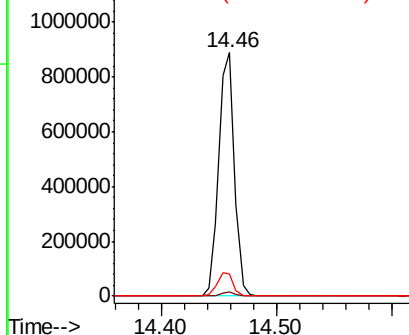


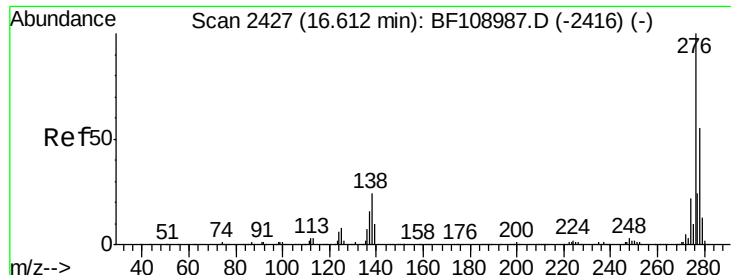
#84
 Di-n-octyl phthalate
 Concen: 38.319 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	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

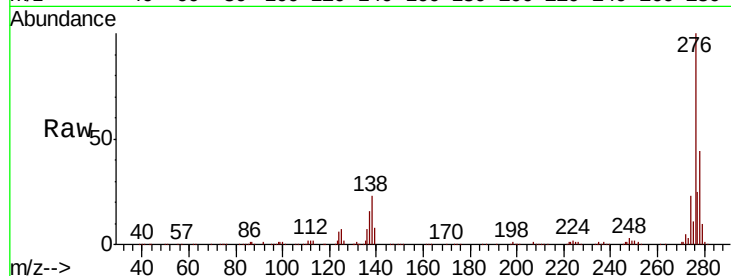




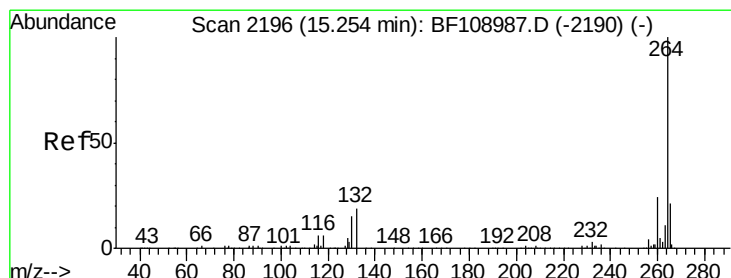
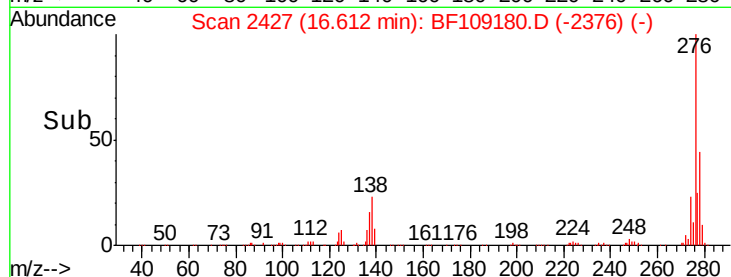
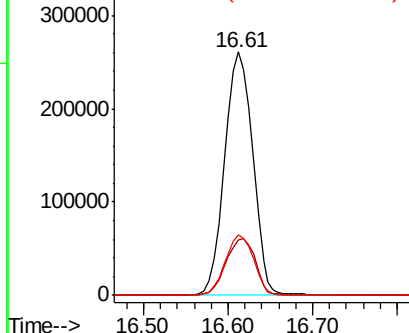
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.627 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.0	20.1	30.1

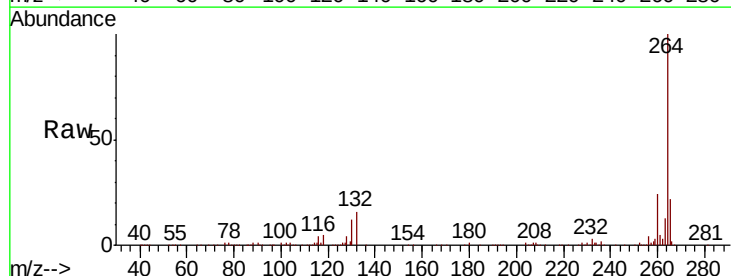


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

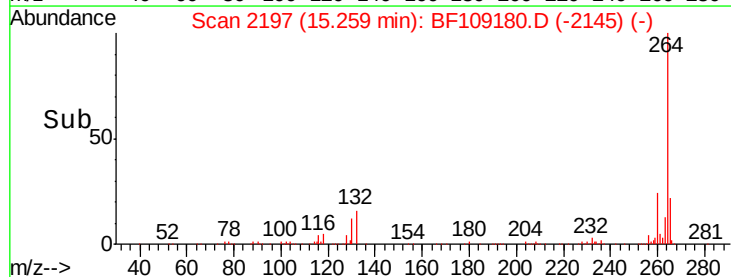
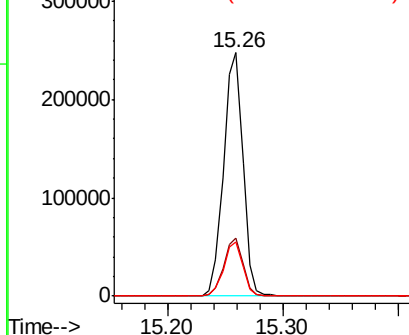


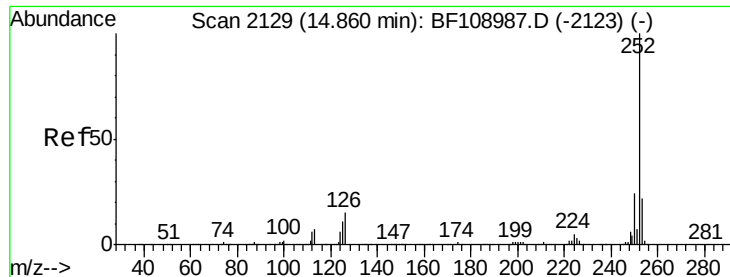
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109180.D
 Acq: 20 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

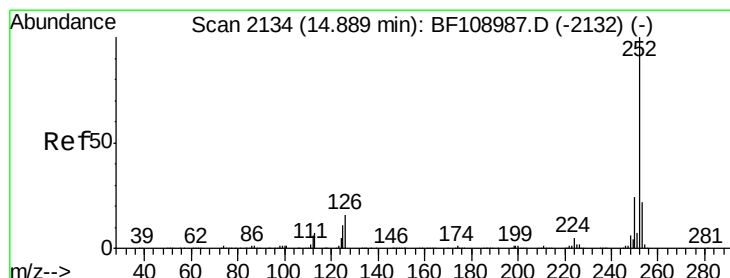
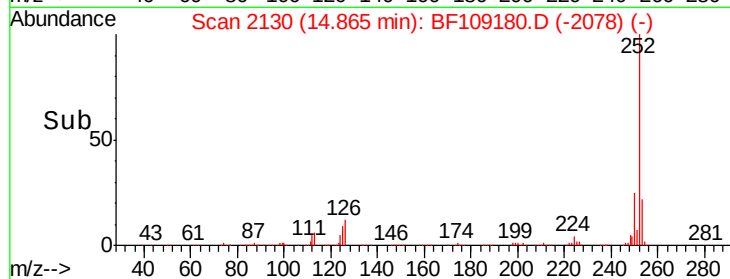
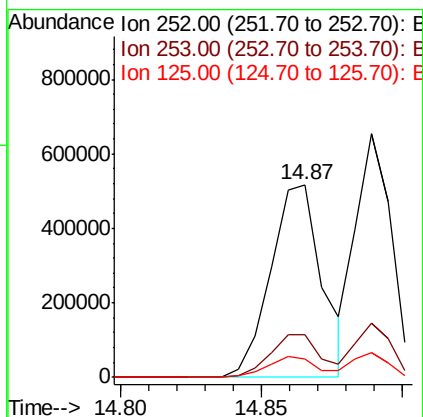
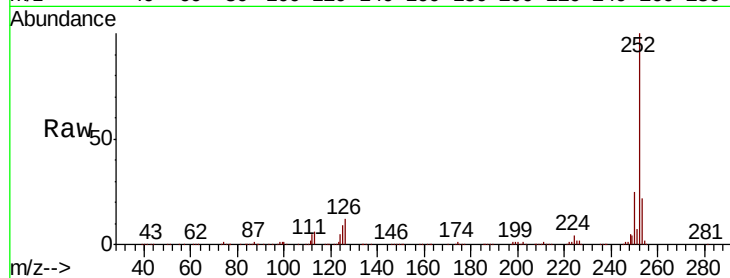




#87
Benzo(b)fluoranthene
Concen: 40.991 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

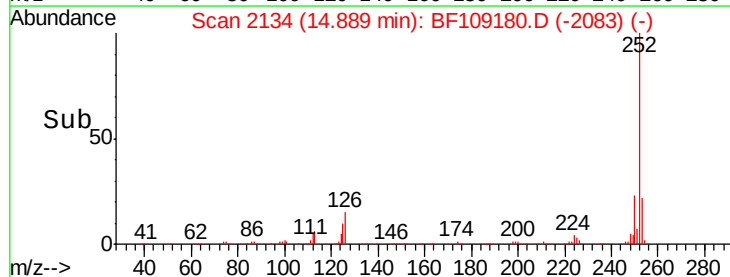
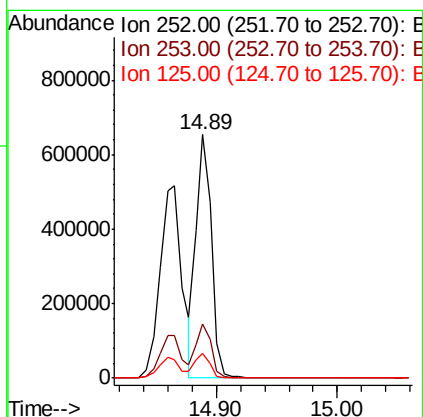
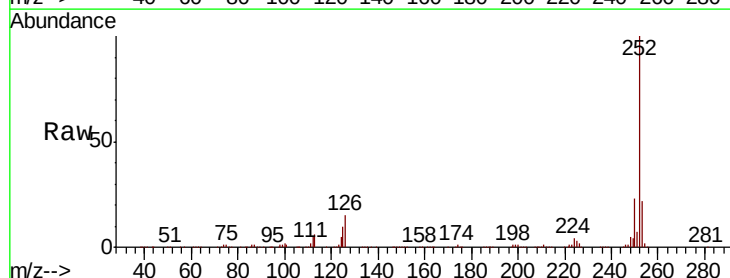
Instrument :
BNA_F
ClientSampleId :

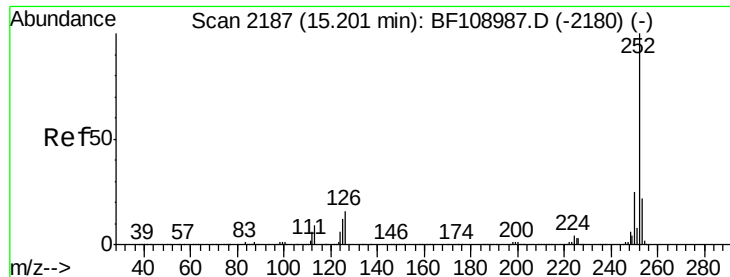
Tot Ion:252 Resp: 654816
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.962 ng
RT: 14.89 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF109180.D
Acq: 20 Sep 2018 14:27

Tgt Ion:252 Resp: 581338
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.867 ng

RT: 15.20 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

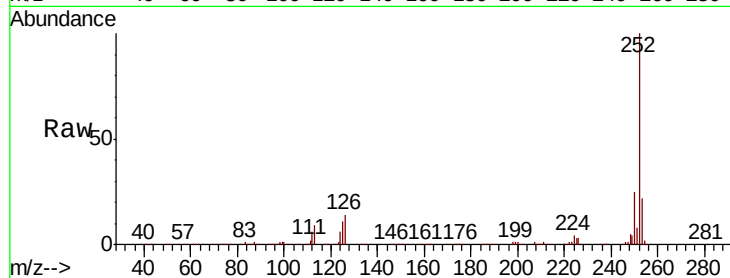
Tot Ion:252 Resp: 565573

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

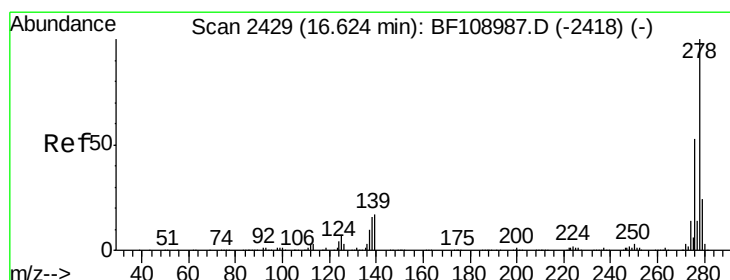
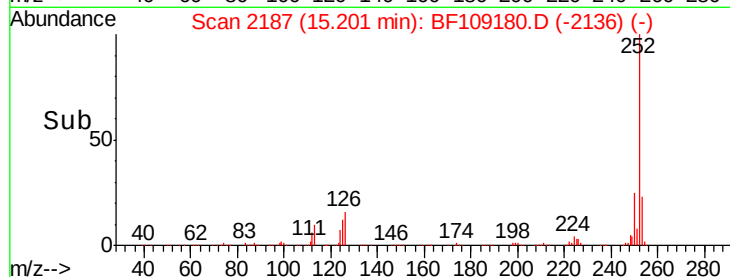
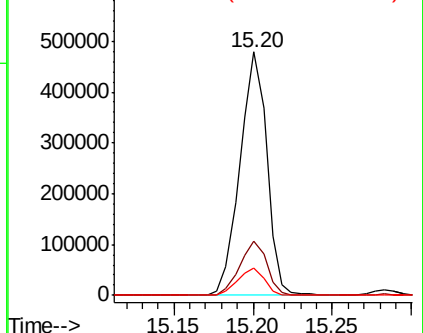
125 11.1 9.8 14.6



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: 41.786 ng

RT: 16.63 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

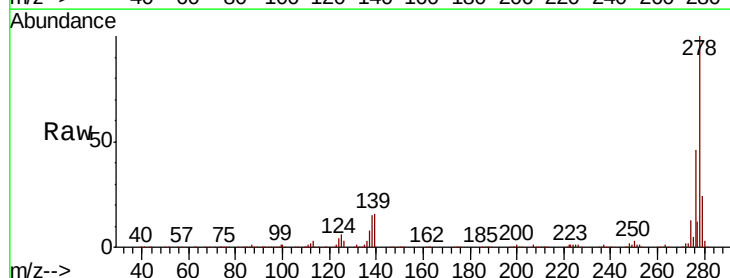
Tgt Ion:278 Resp: 498038

Ion Ratio Lower Upper

278 100

139 15.8 15.9 23.9#

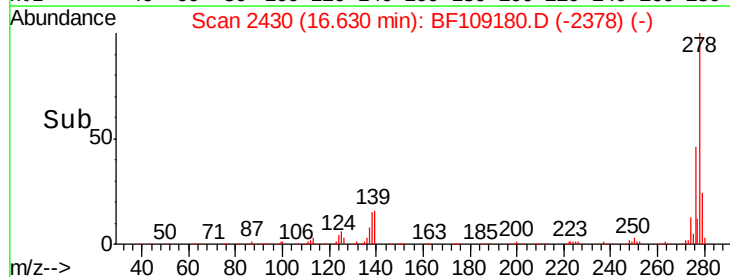
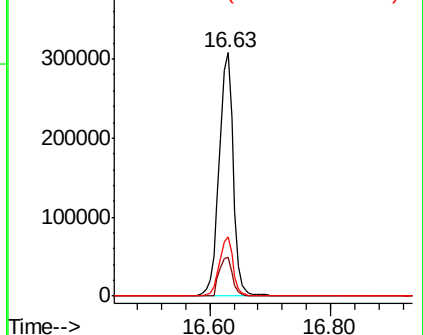
279 24.3 19.0 28.4

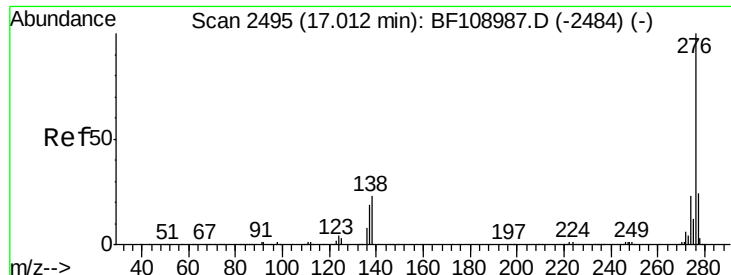


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.462 ng

RT: 17.02 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BF109180.D

Acq: 20 Sep 2018 14:27

Instrument :

BNA_F

ClientSampleId :

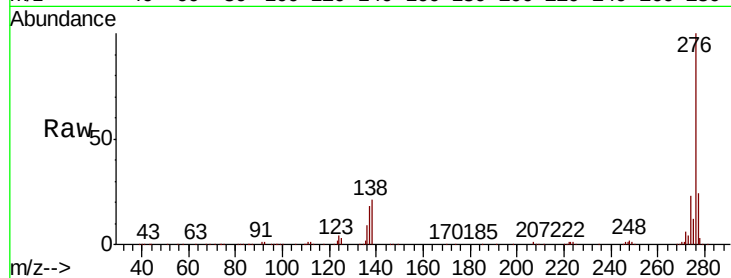
Tot Ion:276 Resp: 505974

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 20.6 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

