

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109827.D
 Acq On : 12 Oct 2018 12:18
 Operator : JU/SJ
 Sample : PB113657BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 13:12:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83445	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	361925	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	175902	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	331100	20.00	ng	0.00
75) Chrysene-d12	13.83	240	229952	20.00	ng	0.00
86) Perylene-d12	15.23	264	189646	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	655127	139.36	ng	0.00
7) Phenol-d6	6.35	99	820677	130.68	ng	0.00
23) Nitrobenzene-d5	7.26	82	513478	78.21	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	233671	121.92	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1001932	78.45	ng	0.00
78) Terphenyl-d14	12.78	244	756281	63.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	98219	39.810	ng	98
3) Pyridine	3.22	79	175950	34.567	ng	97
4) n-Nitrosodimethylamine	3.15	42	83915	45.674	ng	93
6) Aniline	6.36	93	241239	32.976	ng	# 62
8) 2-Chlorophenol	6.49	128	252315	43.641	ng	98
9) Benzaldehyde	6.25	77	120725	29.873	ng	93
10) Phenol	6.36	94	290988	40.408	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	211813	35.479	ng	99
12) 1,3-Dichlorobenzene	6.63	146	270123	40.849	ng	99
13) 1,4-Dichlorobenzene	6.71	146	296979	41.200	ng	99
14) 1,2-Dichlorobenzene	6.86	146	265384	41.922	ng	99
15) Benzyl Alcohol	6.85	79	198796	42.699	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	323081	40.812	ng	98
17) 2-Methylphenol	6.96	107	200838	43.927	ng	91
18) Hexachloroethane	7.20	117	106748	41.897	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	182446	41.427	ng	98
20) 3+4-Methylphenols	7.12	107	241996	42.954	ng	97
22) Acetophenone	7.11	105	362737	41.446	ng	# 98
24) Nitrobenzene	7.28	77	268803	39.345	ng	99
25) Isophorone	7.52	82	495570	45.454	ng	97
26) 2-Nitrophenol	7.60	139	127386	39.862	ng	96
27) 2,4-Dimethylphenol	7.65	122	214564	46.496	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	310968	42.167	ng	98
29) 2,4-Dichlorophenol	7.85	162	221151	42.725	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	224135	39.116	ng	98
31) Naphthalene	8.00	128	713629	42.635	ng	100
32) Benzoic acid	7.80	122	118866	36.027	ng	96
33) 4-Chloroaniline	8.06	127	187234	25.402	ng	97
34) Hexachlorobutadiene	8.12	225	139189	39.068	ng	98
35) Caprolactam	8.43	113	35246	22.801	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	232005	42.462	ng	99
37) 2-Methylnaphthalene	8.69	142	483772	44.124	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	229805	38.379	ng	99
40) Hexachlorocyclopentadiene	8.85	237	222481	84.419	ng	99

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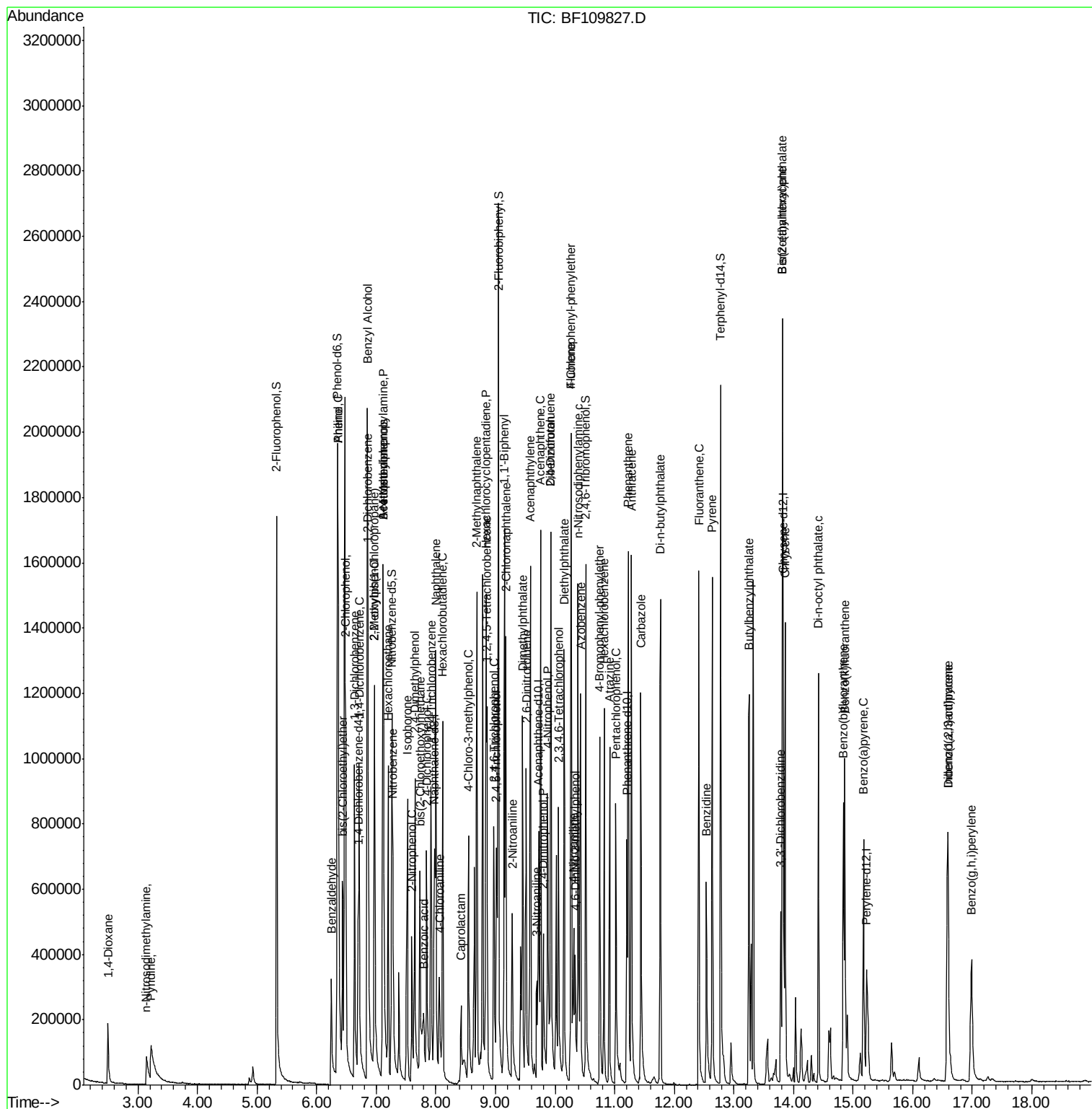
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	140752	39.322	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	167376	40.668	ng	99
45) 1,1'-Biphenyl	9.15	154	611302	38.901	ng	100
46) 2-Chloronaphthalene	9.17	162	466244	39.603	ng	99
47) 2-Nitroaniline	9.28	65	143994	40.394	ng	92
48) Acenaphthylene	9.59	152	734847	42.815	ng	99
49) Dimethylphthalate	9.46	163	524293	40.641	ng	100
50) 2,6-Dinitrotoluene	9.52	165	112807	40.339	ng	89
51) Acenaphthene	9.76	154	414385	40.728	ng	99
52) 3-Nitroaniline	9.69	138	84221	26.867	ng	96
53) 2,4-Dinitrophenol	9.80	184	77930	86.374	ng	100
54) Dibenzofuran	9.93	168	610357	40.020	ng	100
55) 4-Nitrophenol	9.87	139	119908	69.883	ng	89
56) 2,4-Dinitrotoluene	9.93	165	143229	41.042	ng	91
57) Fluorene	10.27	166	491874	43.187	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	137758	41.177	ng	99
59) Diethylphthalate	10.15	149	513462	40.170	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	234671	39.056	ng	97
61) 4-Nitroaniline	10.31	138	115399	39.751	ng	99
62) Azobenzene	10.43	77	543387	41.863	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	58408	36.244	ng	96
65) n-Nitrosodiphenylamine	10.39	169	444315	39.585	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	147812	38.853	ng	94
67) Hexachlorobenzene	10.82	284	158133	38.386	ng	# 93
68) Atrazine	10.92	200	143654	41.010	ng	99
69) Pentachlorophenol	11.02	266	154319	66.571	ng	99
70) Phenanthrene	11.23	178	706567	42.643	ng	99
71) Anthracene	11.28	178	763439	44.572	ng	100
72) Carbazole	11.44	167	666249	40.106	ng	99
73) Di-n-butylphthalate	11.77	149	779402	40.451	ng	99
74) Fluoranthene	12.41	202	740440	42.775	ng	99
76) Benzidine	12.54	184	380810	44.580	ng	97
77) Pyrene	12.64	202	732247	43.463	ng	99
79) Butylbenzylphthalate	13.26	149	313790	42.959	ng	97
80) Benzo(a)anthracene	13.82	228	547780	43.167	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	137208	26.853	ng	98
82) Chrysene	13.86	228	580073	43.520	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	377557	42.367	ng	99
84) Di-n-octyl phthalate	14.42	149	603070	42.813	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	448289	46.988	ng	99
87) Benzo(b)fluoranthene	14.84	252	444729	42.435	ng	98
88) Benzo(k)fluoranthene	14.86	252	458646	43.556	ng	99
89) Benzo(a)pyrene	15.17	252	429851	45.198	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	367806	47.090	ng	98
91) Benzo(g,h,i)perylene	16.99	276	378850	48.572	ng	99

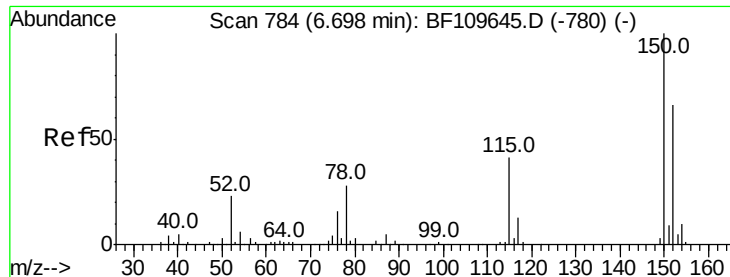
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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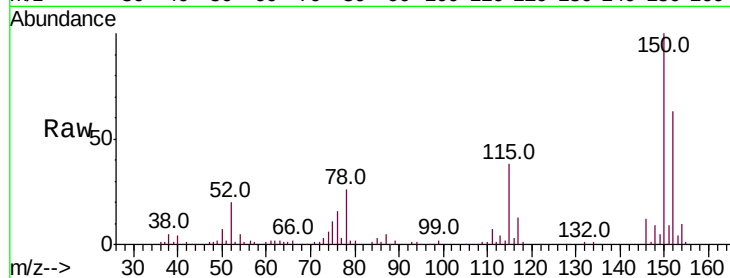


#1

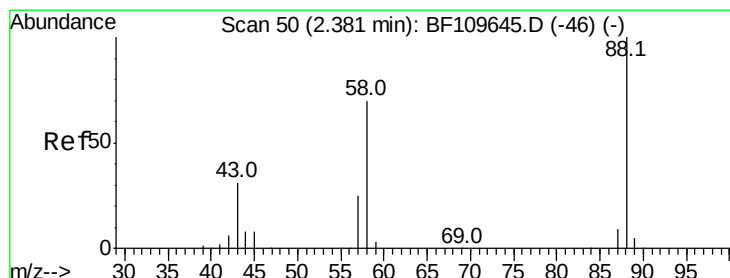
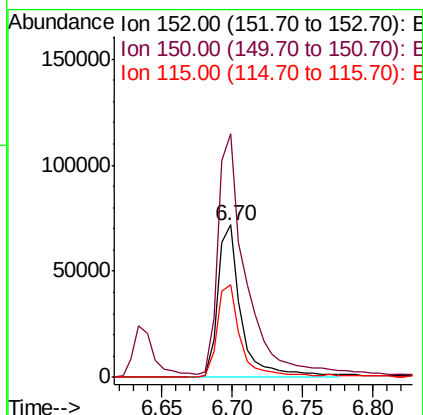
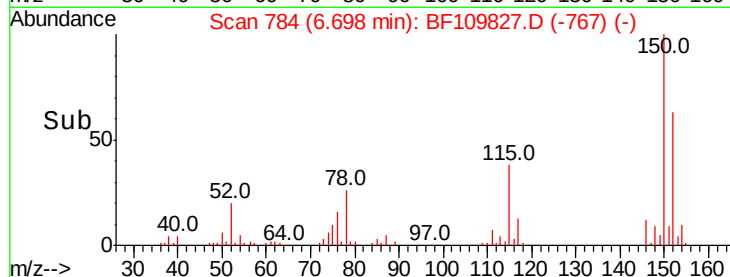
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 83445
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 60.5 49.1 73.7



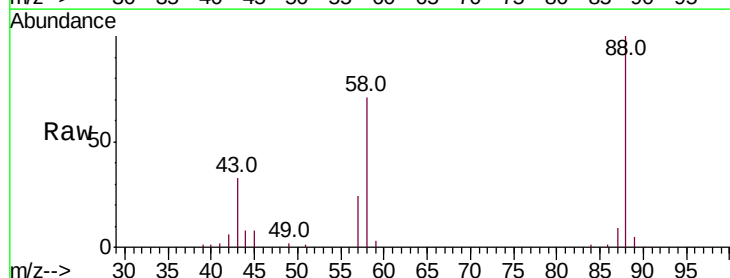
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



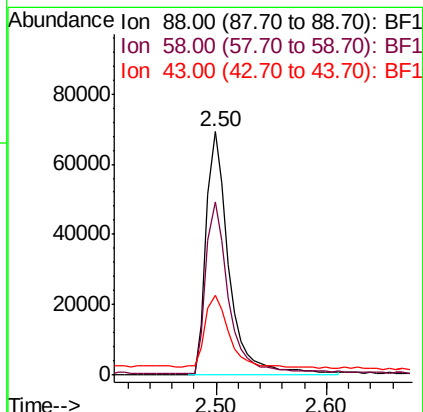
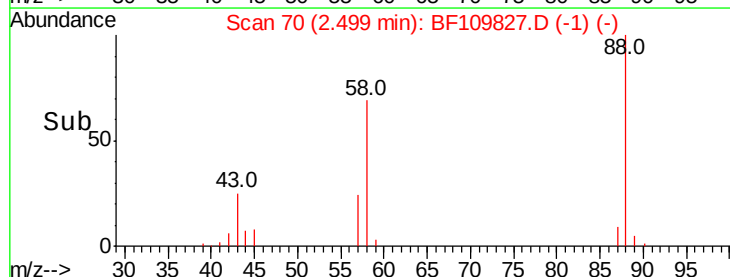
#2

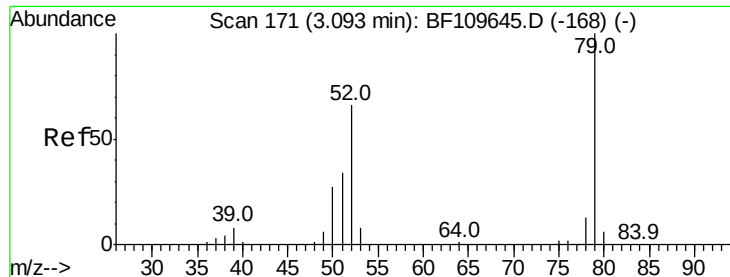
1,4-Dioxane
Concen: 39.810 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion: 88 Resp: 98219
Ion Ratio Lower Upper
88 100
58 72.0 57.1 85.7
43 32.9 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.567 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.12 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

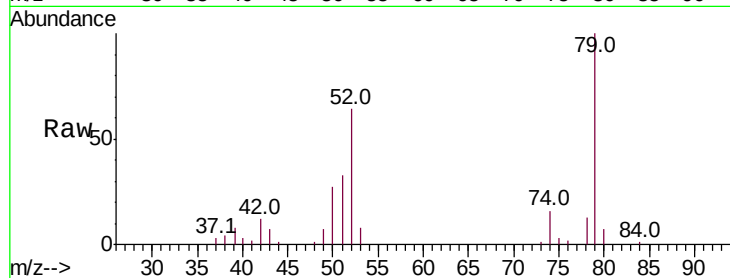
Tot Ion: 79 Resp: 175950

Ion Ratio Lower Upper

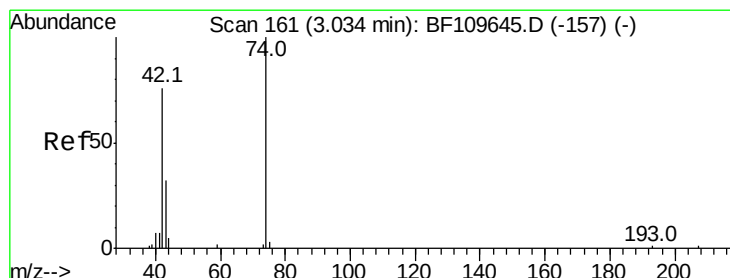
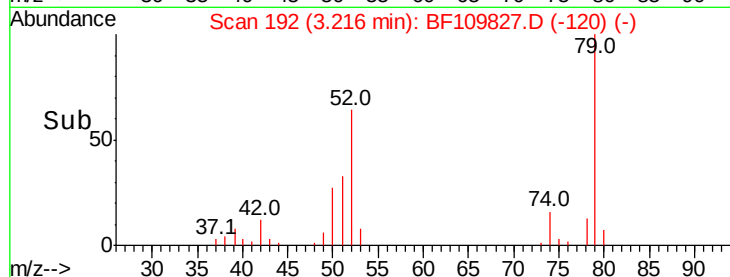
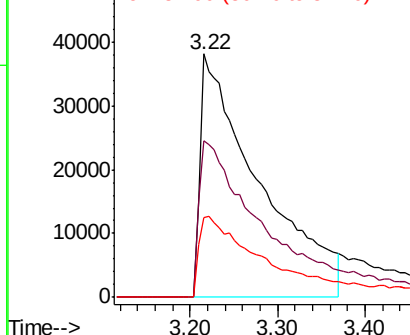
79 100

52 64.2 53.1 79.7

51 32.8 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 45.674 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.11 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

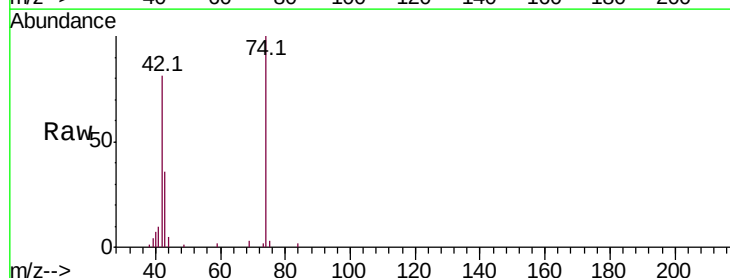
Tgt Ion: 42 Resp: 83915

Ion Ratio Lower Upper

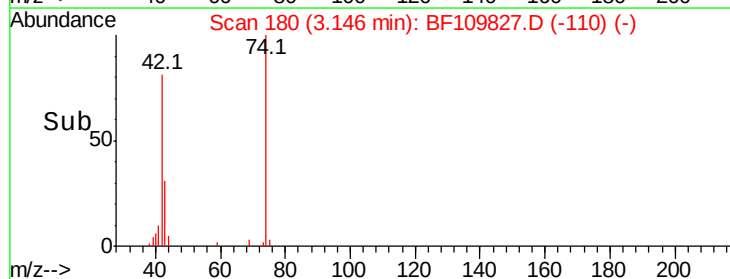
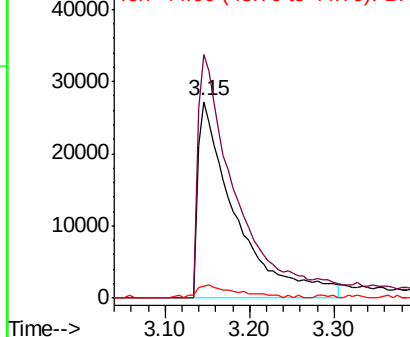
42 100

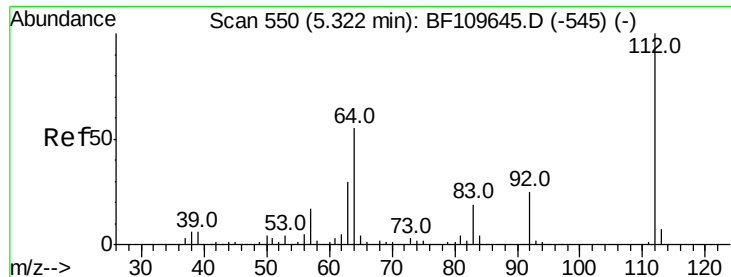
74 123.7 105.5 158.3

44 6.2 4.9 7.3



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





#5

2-Fluorophenol

Concen: 139.358 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

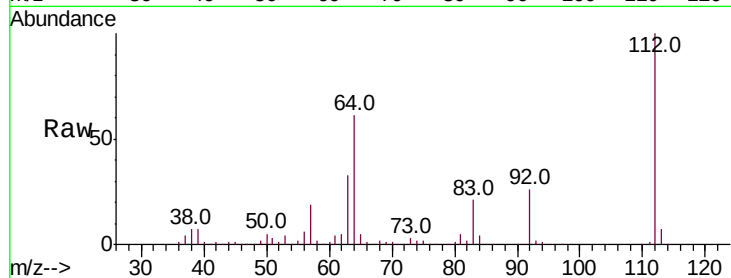
Tot Ion:112 Resp: 655127

Ion Ratio Lower Upper

112 100

64 61.4 44.1 66.1

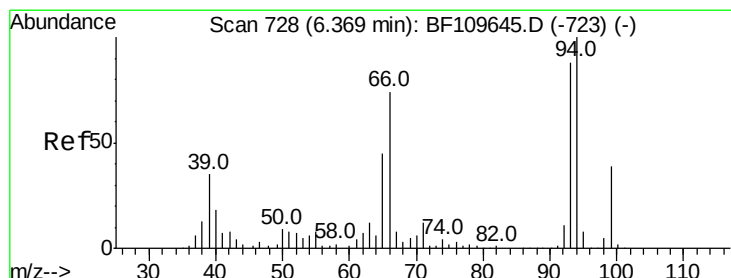
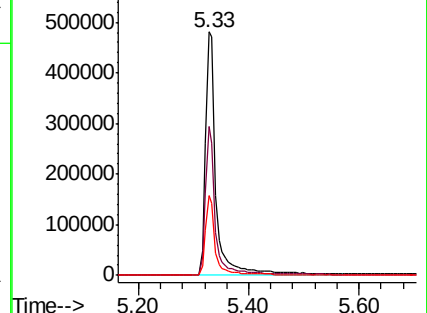
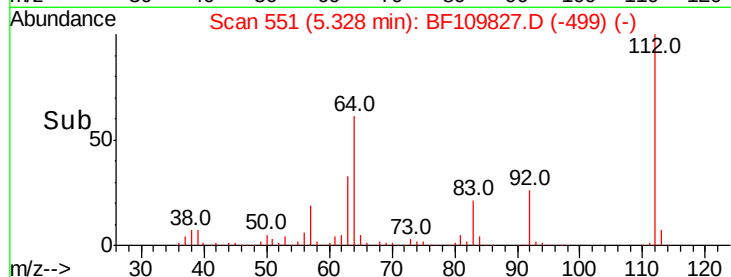
63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.976 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

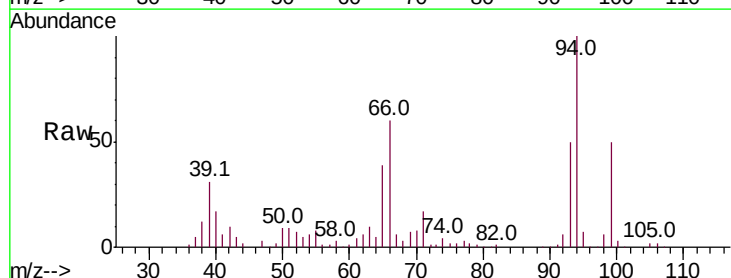
Tgt Ion: 93 Resp: 241239

Ion Ratio Lower Upper

93 100

66 119.4 67.4 101.0#

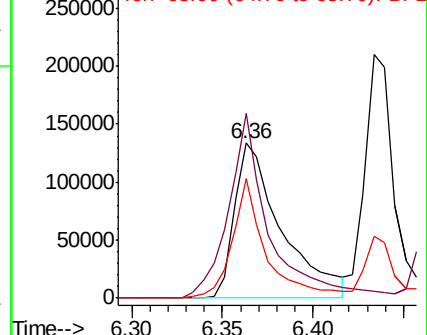
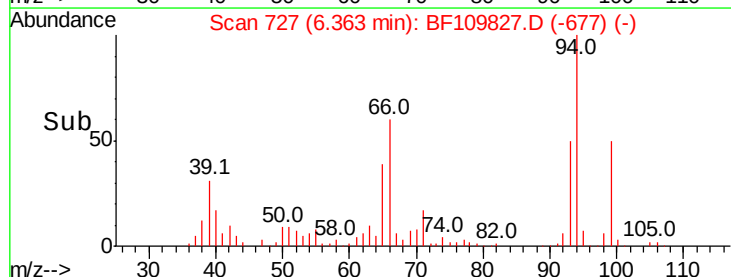
65 77.2 41.0 61.4#

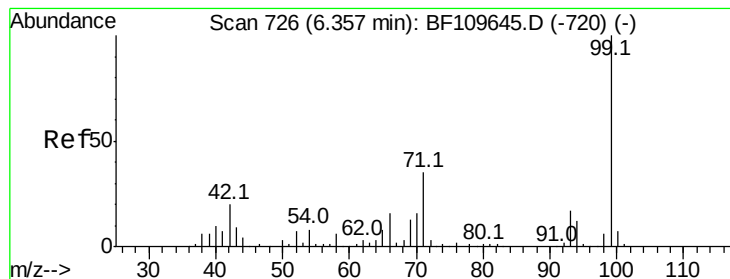


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.680 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

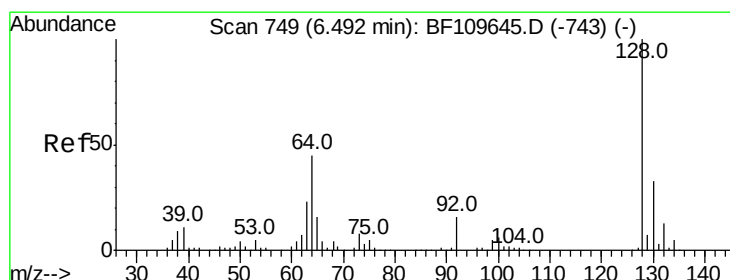
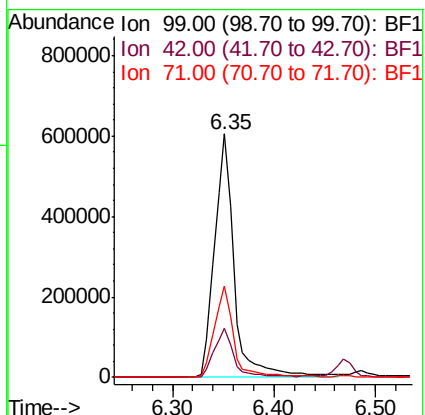
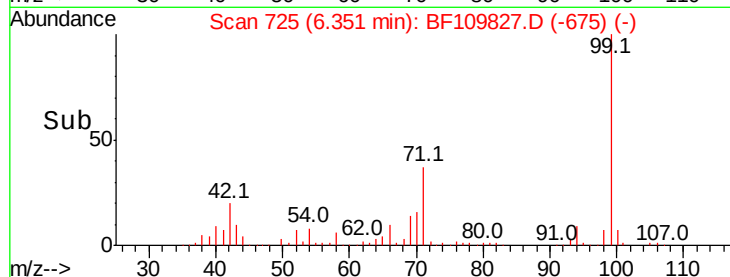
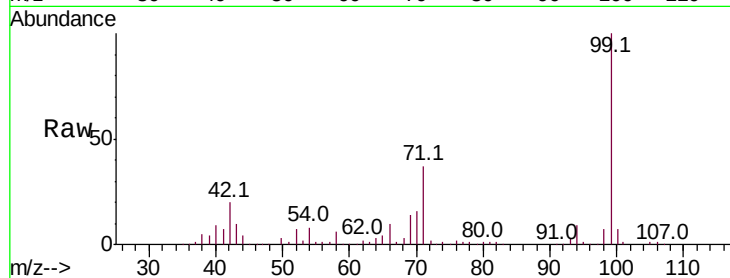
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 820677

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	37.3	28.0	42.0



#8

2-Chlorophenol

Concen: 43.641 ng

RT: 6.49 min Scan# 748

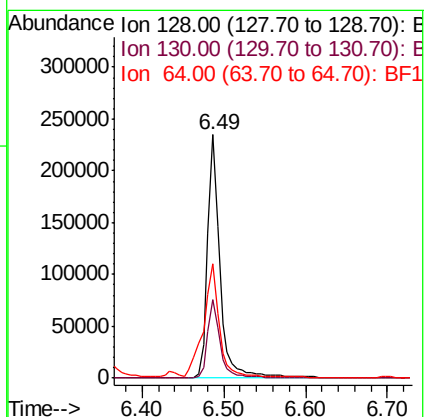
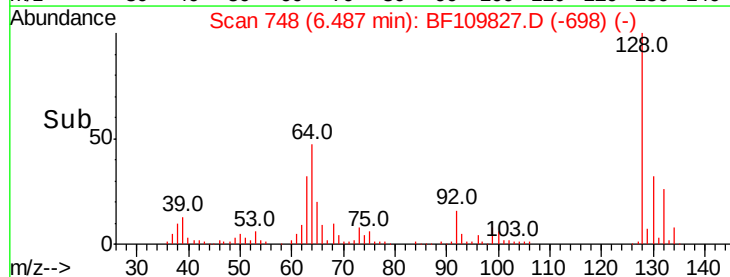
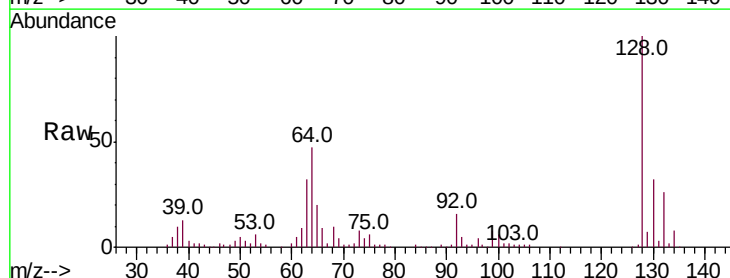
Delta R.T. -0.01 min

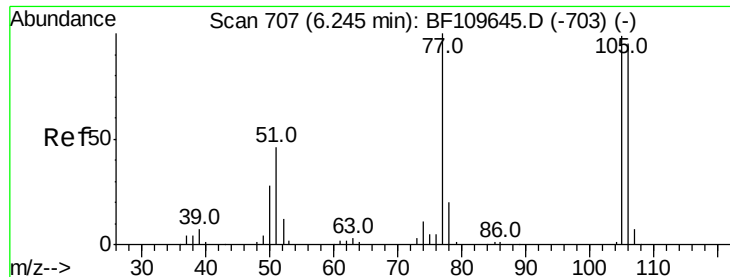
Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion: 128 Resp: 252315

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	47.1	26.0	66.0





#9

Benzaldehyde

Concen: 29.873 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

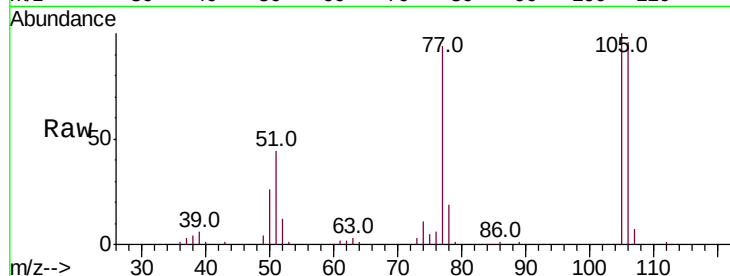
Tot Ion: 77 Resp: 120725

Ion Ratio Lower Upper

77 100

105 105.9 78.6 118.6

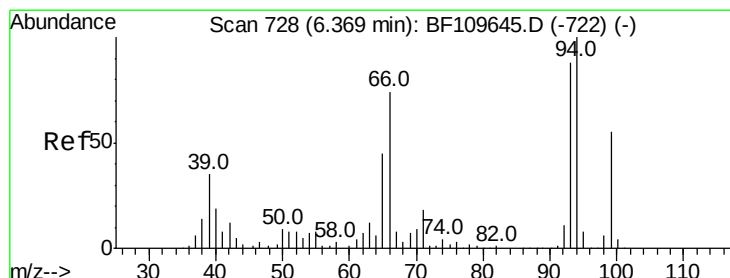
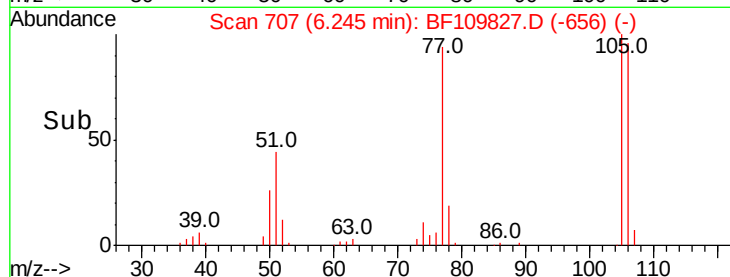
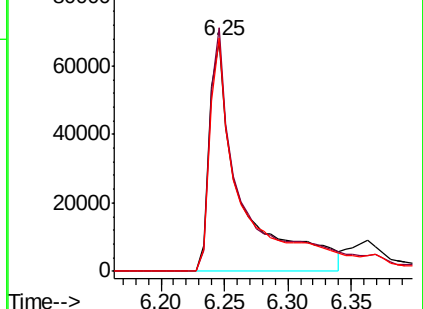
106 101.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.408 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

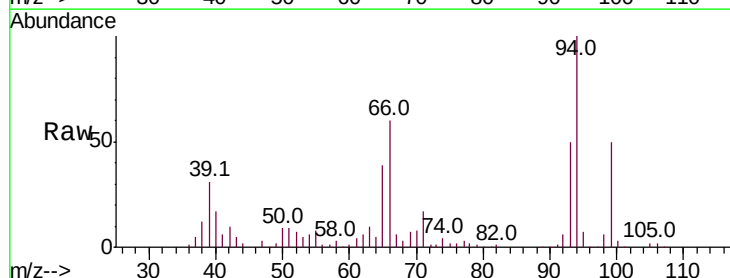
Tgt Ion: 94 Resp: 290988

Ion Ratio Lower Upper

94 100

65 38.9 25.3 65.3

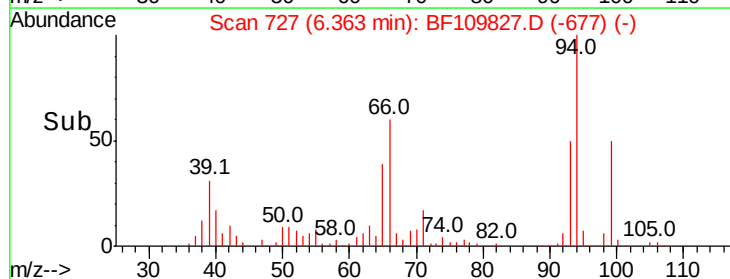
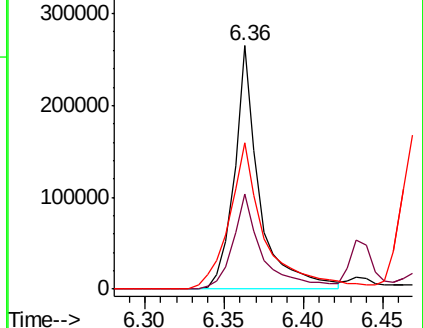
66 60.2 54.5 94.5

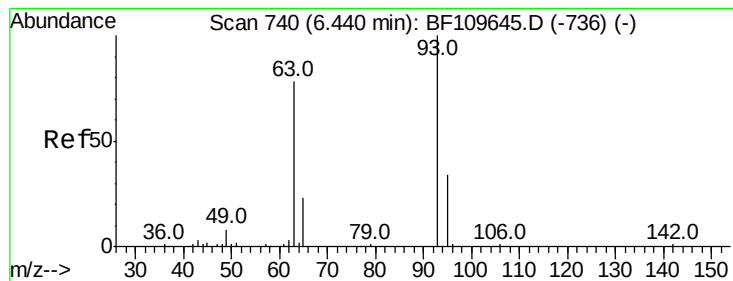


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

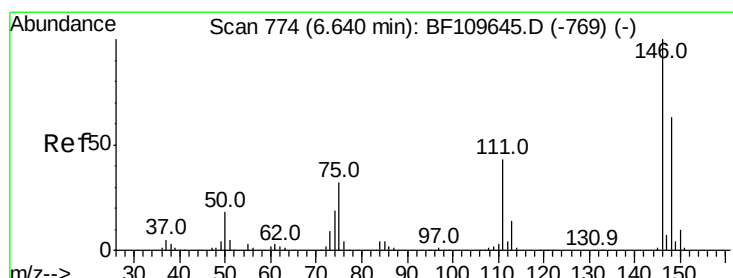
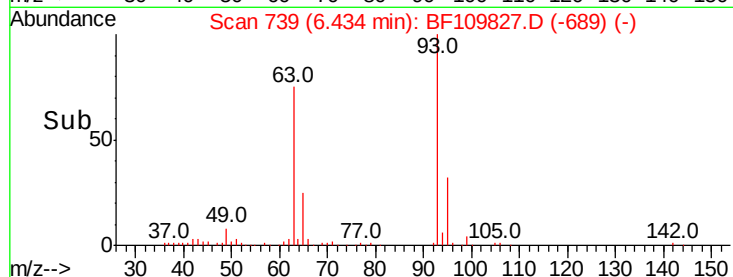
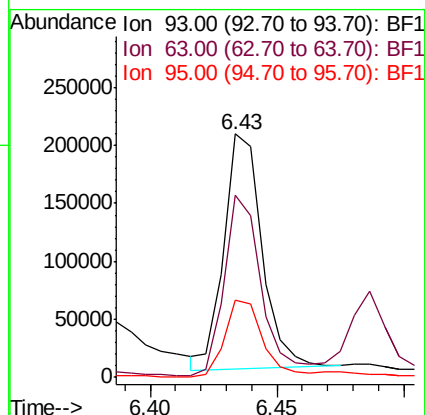
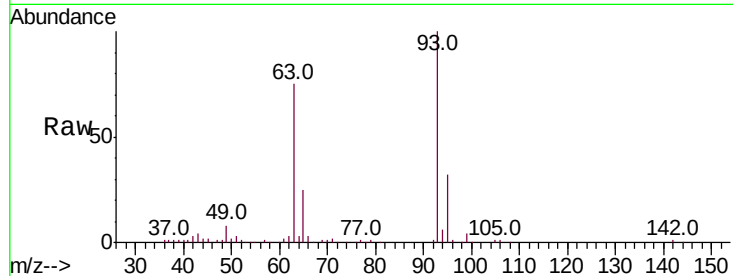




#11
bis(2-Chloroethyl)ether
Concen: 35.479 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

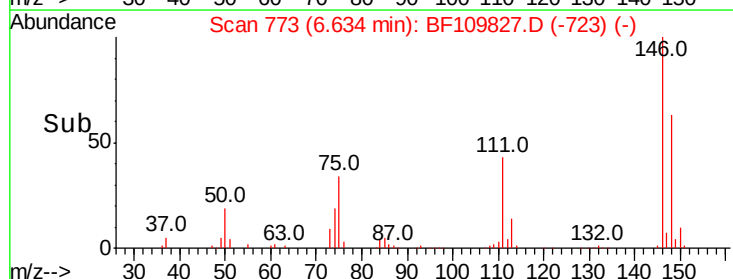
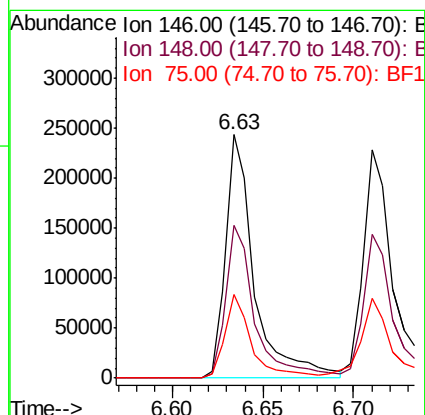
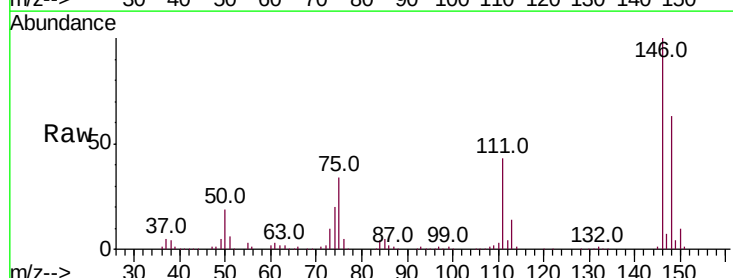
Instrument :
BNA_F
ClientSampleId :

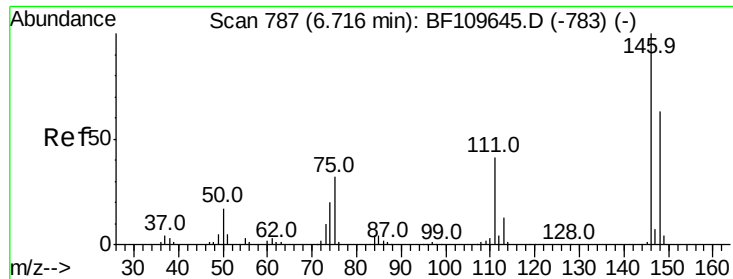
Tot Ion: 93 Resp: 211813
Ion Ratio Lower Upper
93 100
63 74.9 53.4 93.4
95 31.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.849 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion: 146 Resp: 270123
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 34.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.200 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

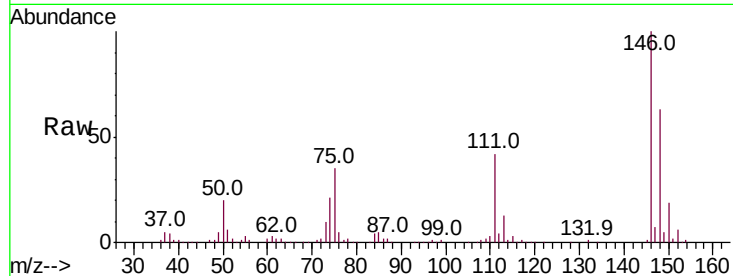
Tot Ion:146 Resp: 296979

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

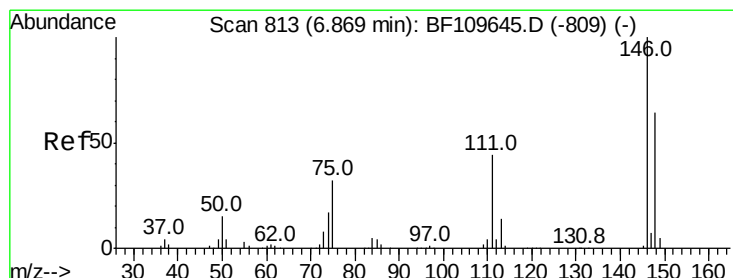
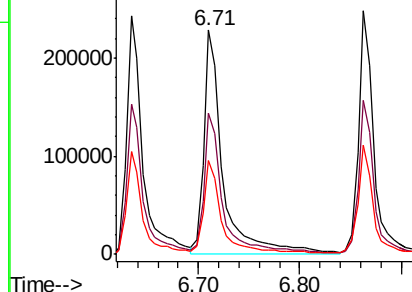
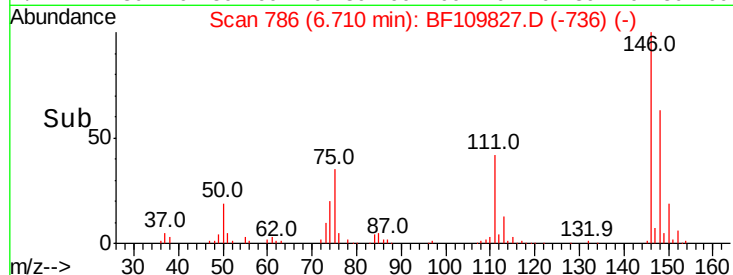
111 42.0 32.7 49.1



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: 41.922 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

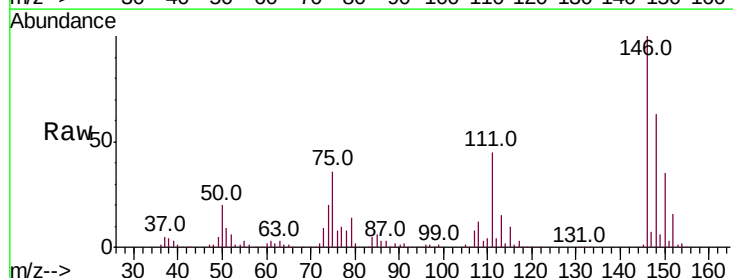
Tgt Ion:146 Resp: 265384

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

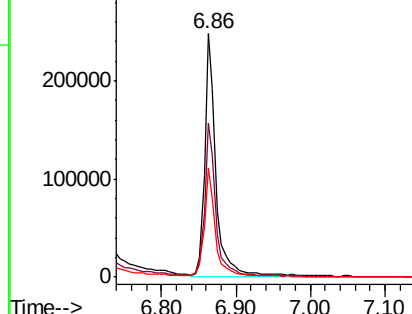
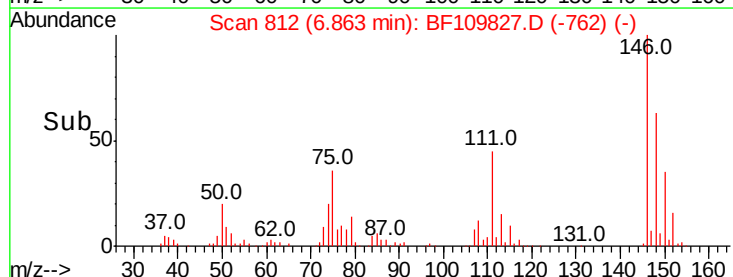
111 45.0 35.8 53.6

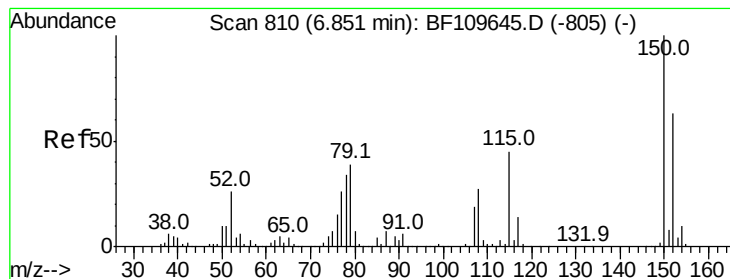


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.699 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

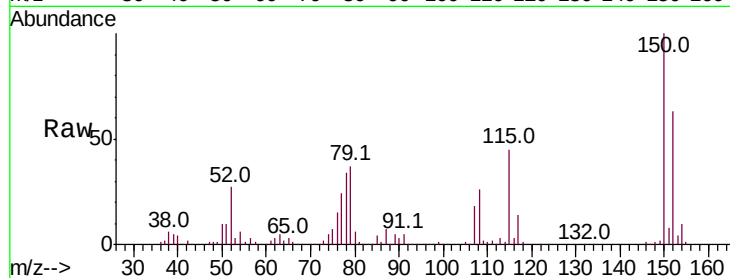
Tot Ion: 79 Resp: 198796

Ion Ratio Lower Upper

79 100

108 70.5 56.3 84.5

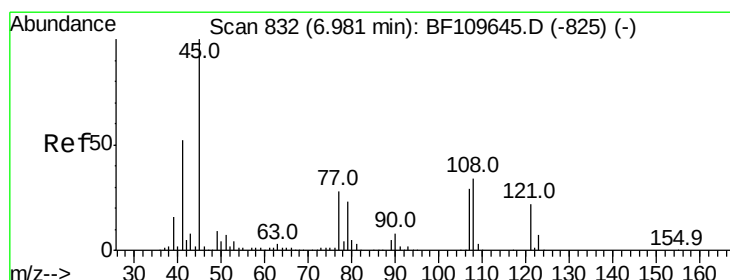
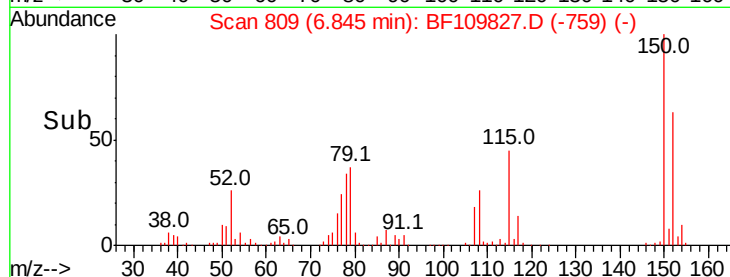
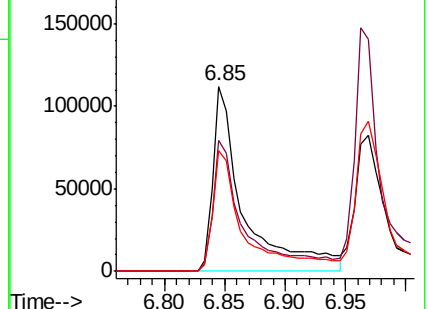
77 65.2 52.9 79.3



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: 40.812 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

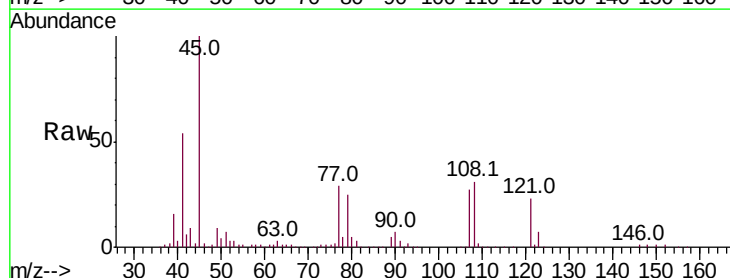
Tgt Ion: 45 Resp: 323081

Ion Ratio Lower Upper

45 100

77 29.4 10.0 50.0

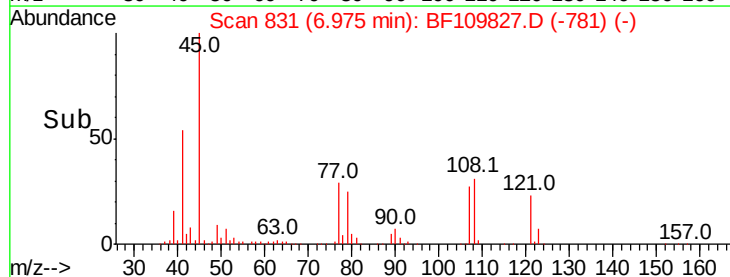
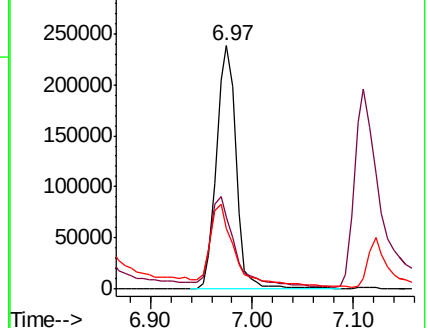
79 25.1 6.1 46.1

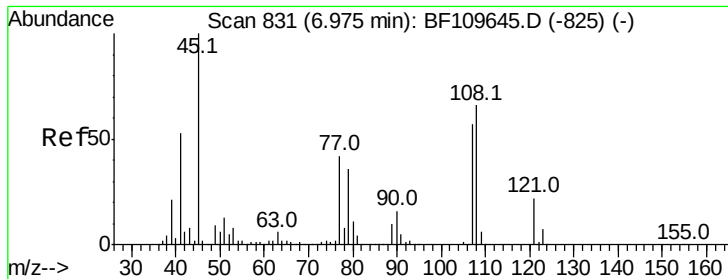


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.927 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 200838

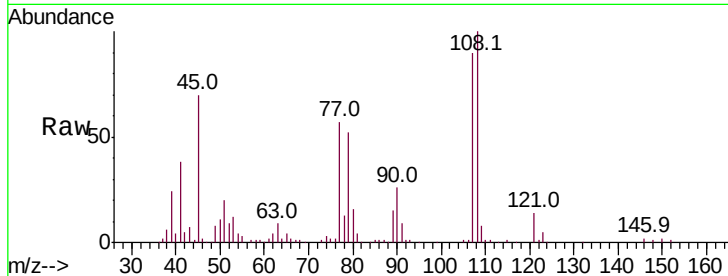
Ion Ratio Lower Upper

107 100

108 110.8 92.6 138.8

77 62.8 59.4 89.2

79 57.8 54.0 81.0

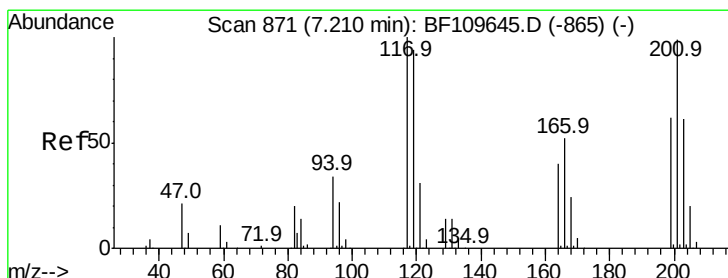
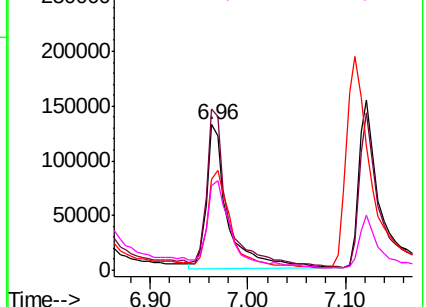
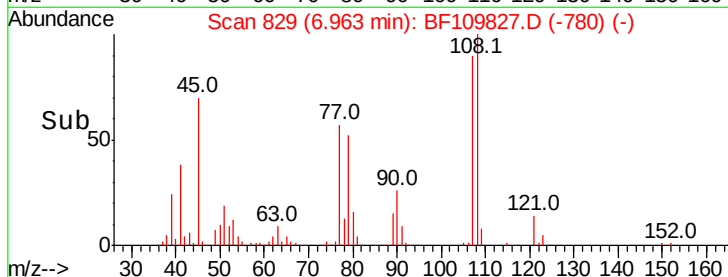


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.897 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

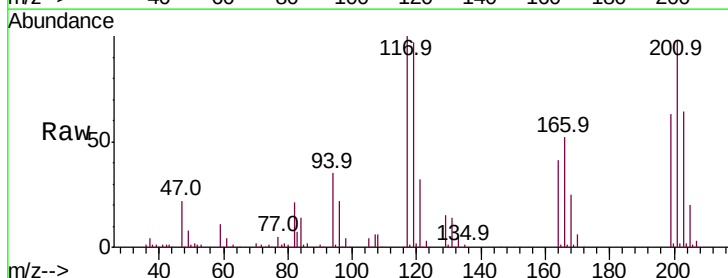
Tgt Ion:117 Resp: 106748

Ion Ratio Lower Upper

117 100

119 96.6 75.0 112.6

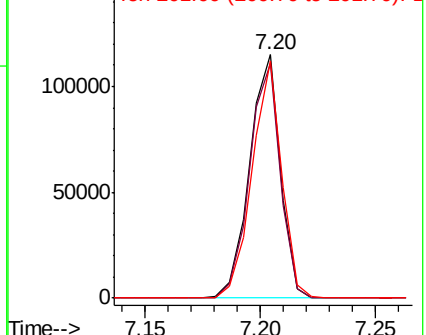
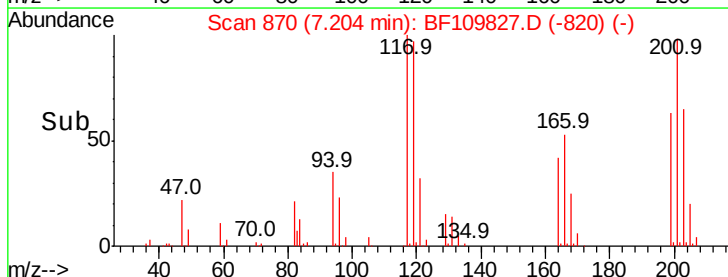
201 97.6 79.2 118.8

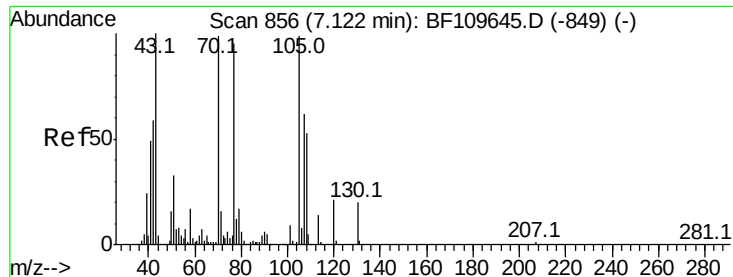


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

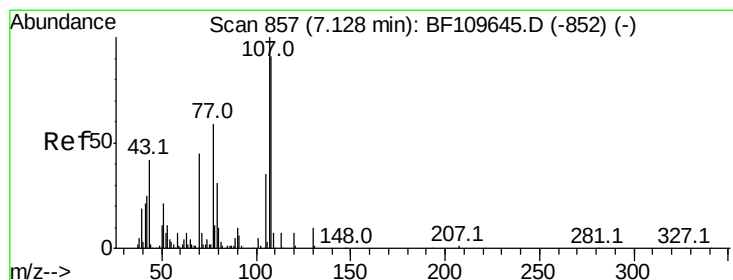
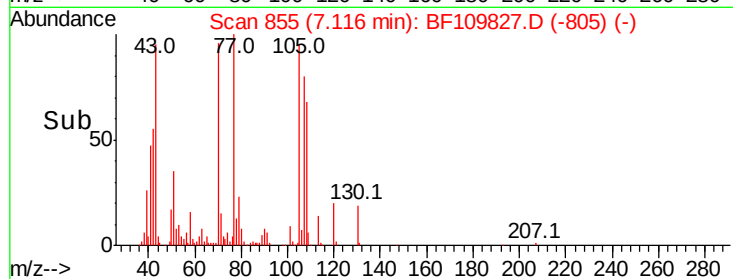
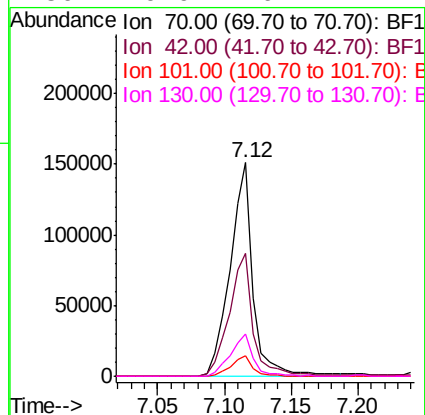
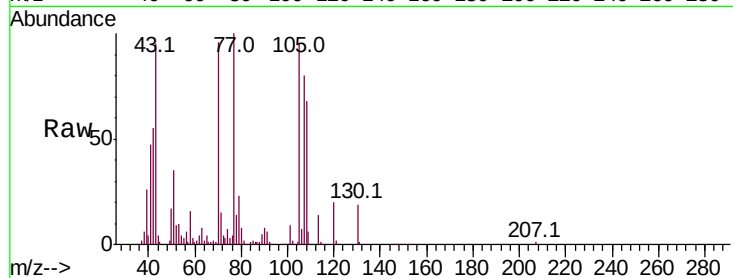




#19
n-Nitroso-di-n-propylamine
Concen: 41.427 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

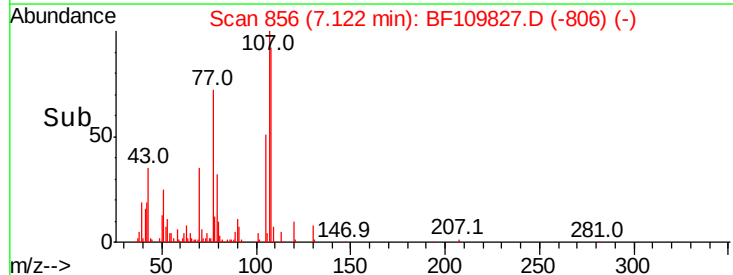
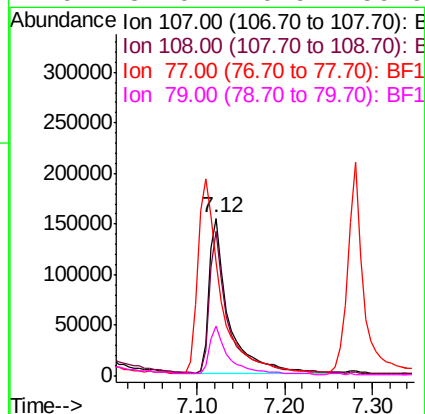
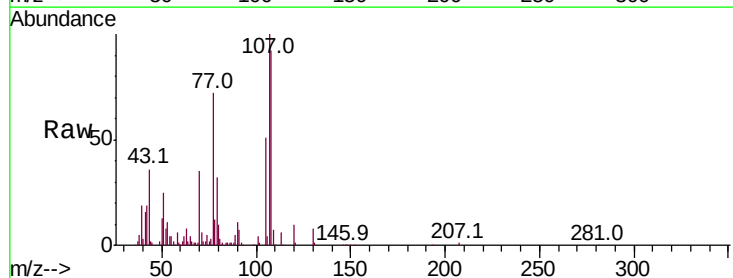
Instrument :
BNA_F
ClientSampleId :

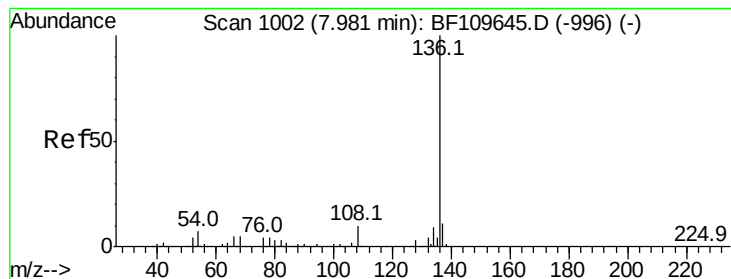
Tot Ion:	70	Resp:	182446
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.4	71.2
101	9.4	7.3	10.9
130	19.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.954 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:	107	Resp:	241996
Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.4	111.4
77	72.4	47.3	87.3
79	32.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 361925

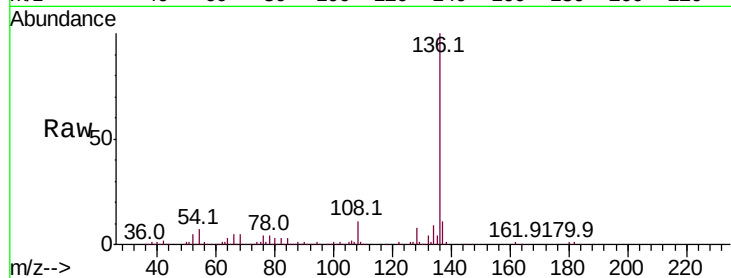
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.4 8.2

68 5.2 4.2 6.2

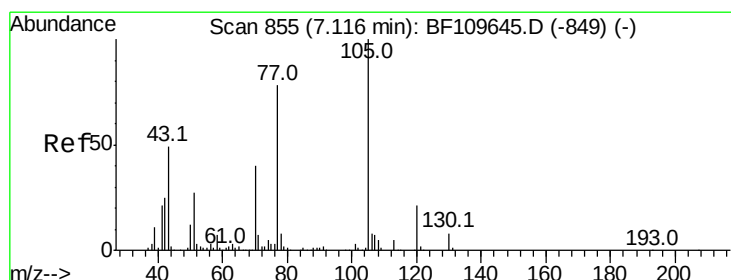
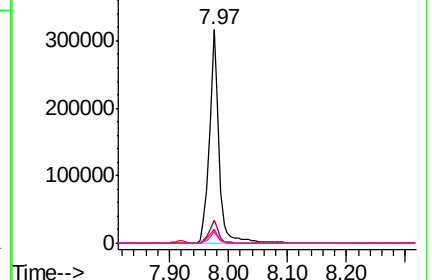
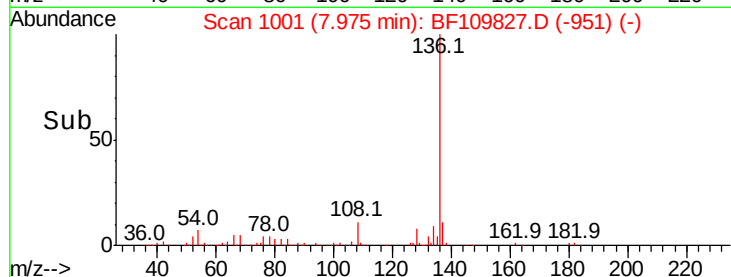


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.446 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Tgt Ion:105 Resp: 362737

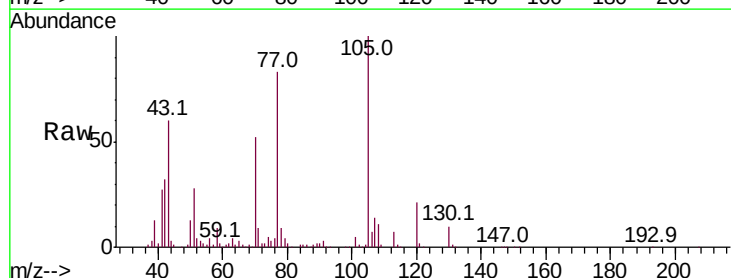
Ion Ratio Lower Upper

105 100

71 8.6 5.2 7.8#

51 28.1 21.8 32.8

120 21.4 17.0 25.4

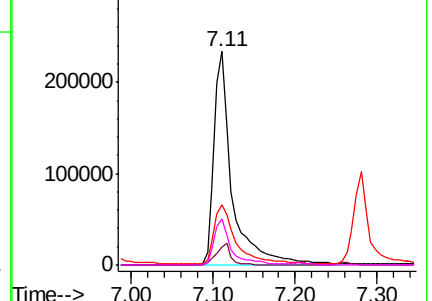
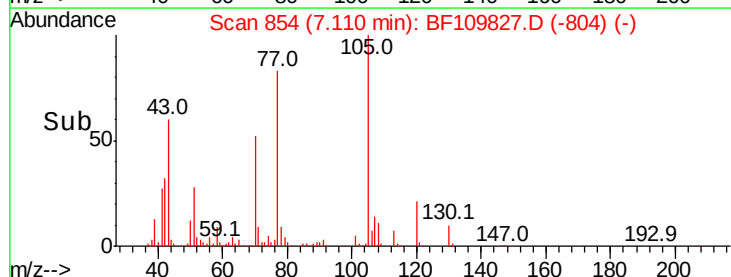


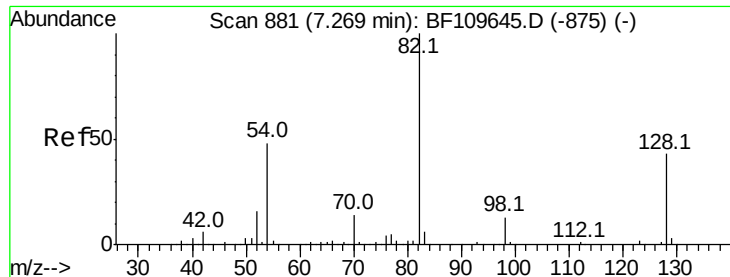
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

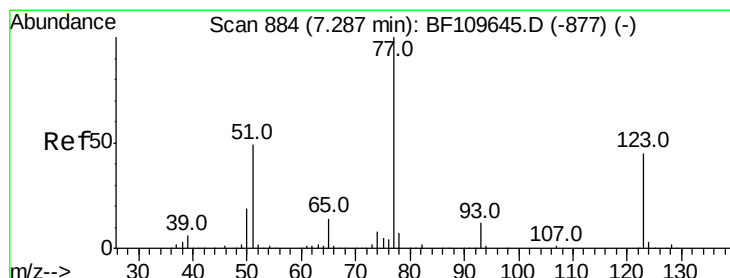
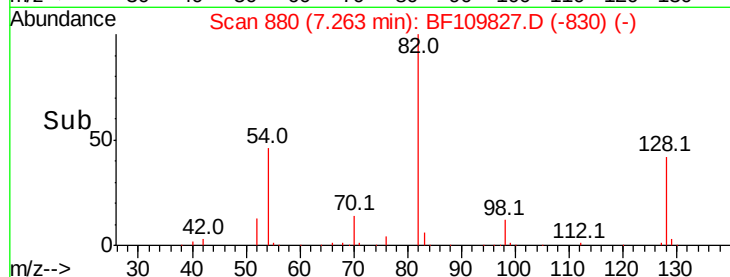
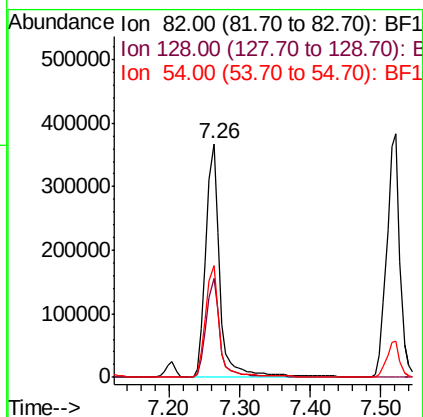
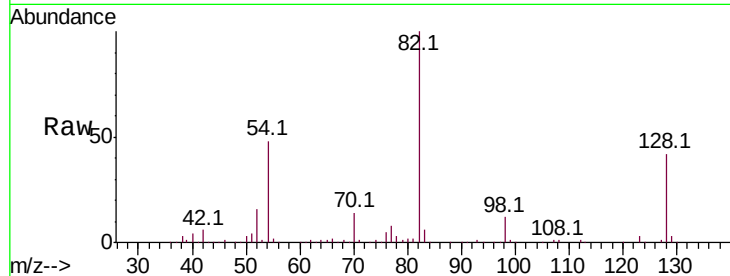




#23
 Nitrobenzene-d5
 Concen: 78.206 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

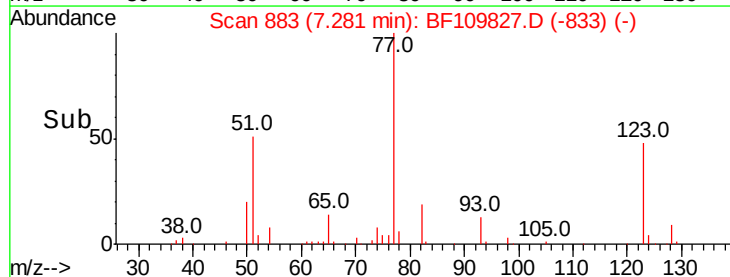
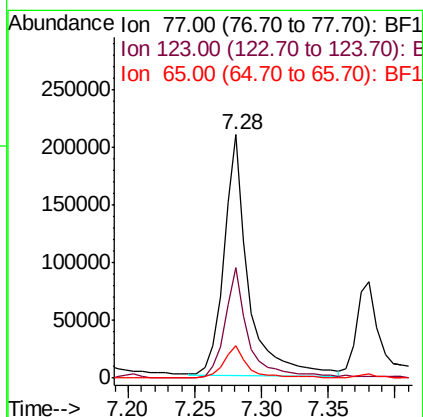
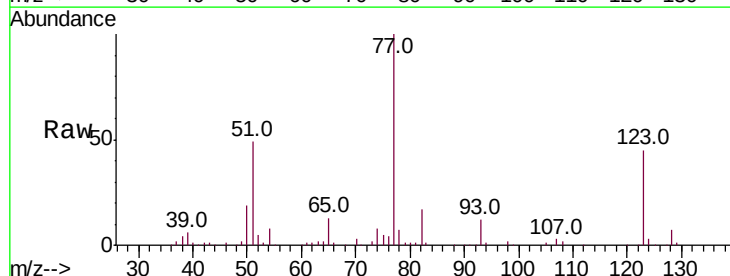
Instrument :
 BNA_F
 ClientSampleId :

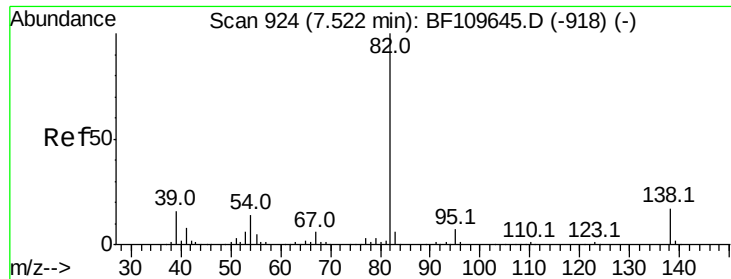
Tot Ion: 82 Resp: 513478
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.2 51.2
 54 47.5 38.6 58.0



#24
 Nitrobenzene
 Concen: 39.345 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion: 77 Resp: 268803
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.7 53.5
 65 13.2 10.7 16.1





#25

Isophorone

Concen: 45.454 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

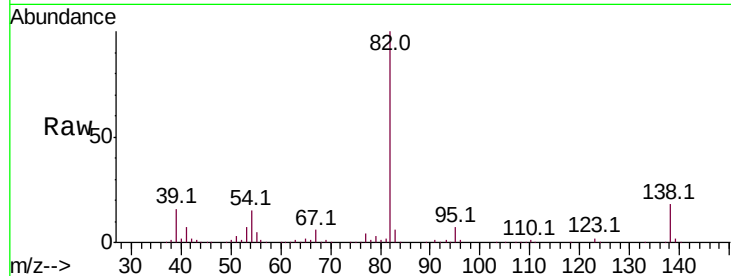
Tot Ion: 82 Resp: 495570

Ion Ratio Lower Upper

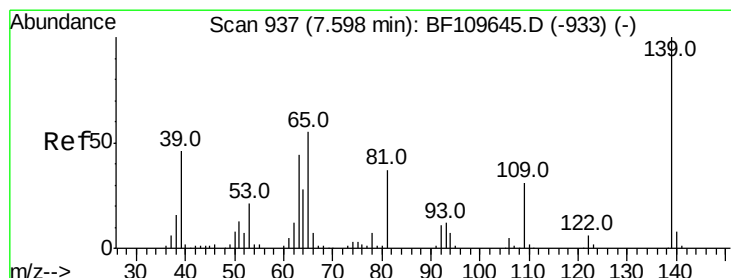
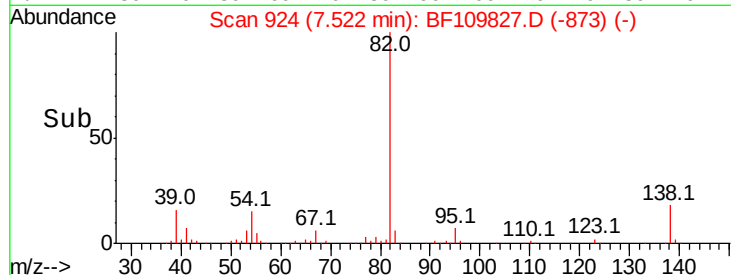
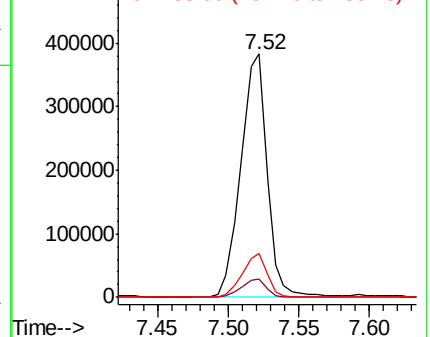
82 100

95 7.5 5.7 8.5

138 17.9 13.2 19.8



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: 39.862 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

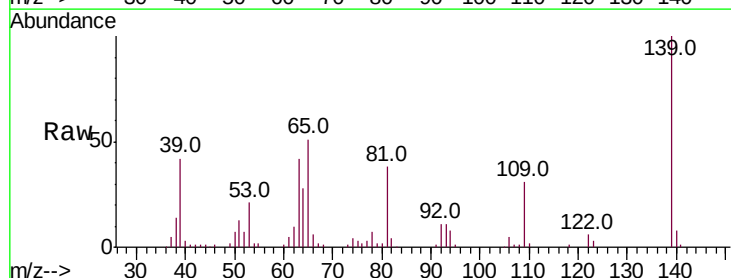
Tgt Ion:139 Resp: 127386

Ion Ratio Lower Upper

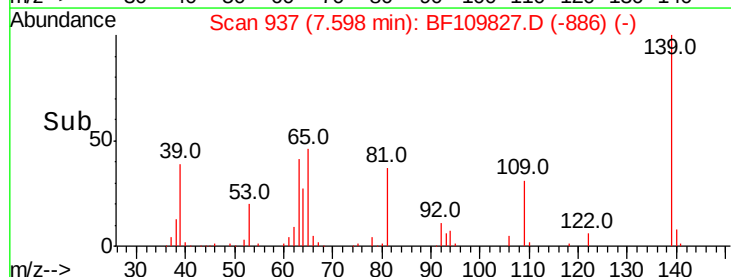
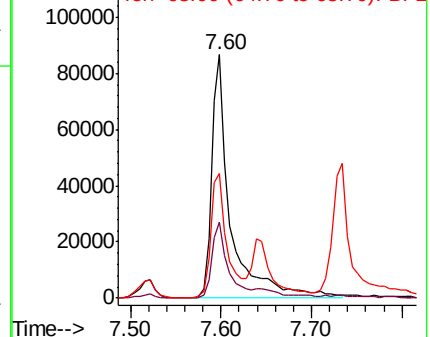
139 100

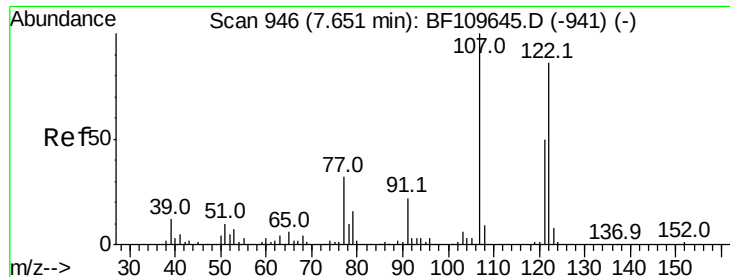
109 31.3 25.0 37.6

65 50.9 44.0 66.0



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

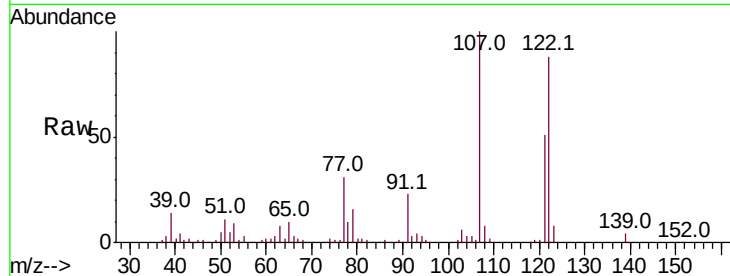




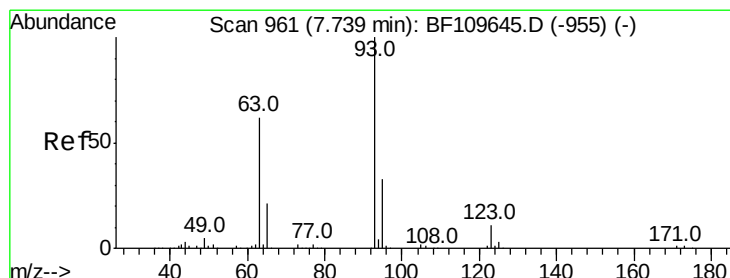
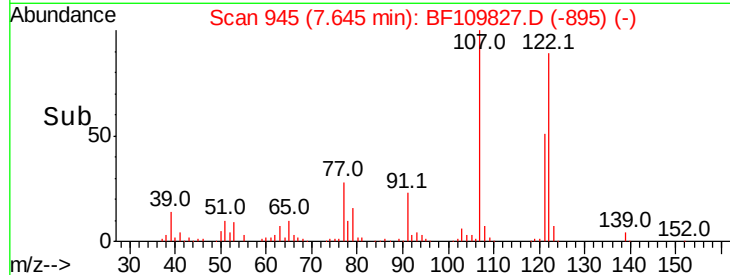
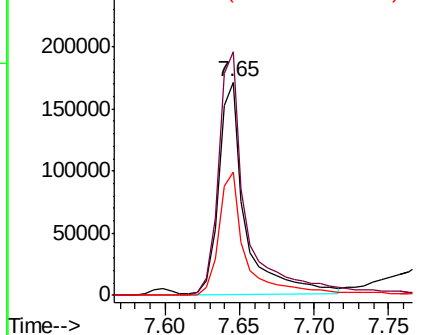
#27
2,4-Dimethylphenol
Concen: 46.496 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 214564
Ion Ratio Lower Upper
122 100
107 114.2 92.5 138.7
121 57.7 45.8 68.8

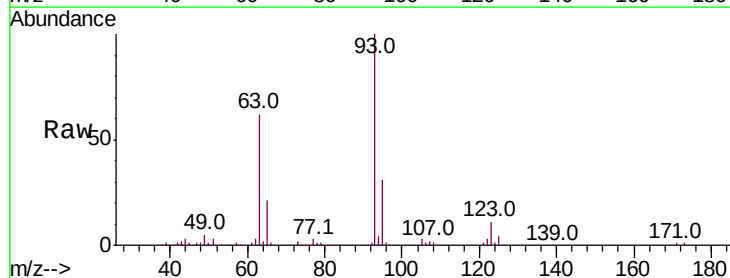


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

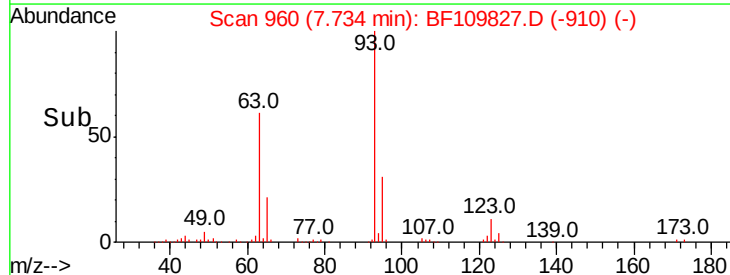
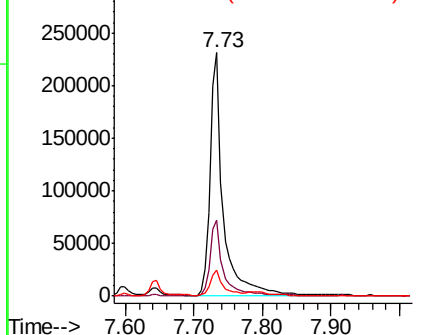


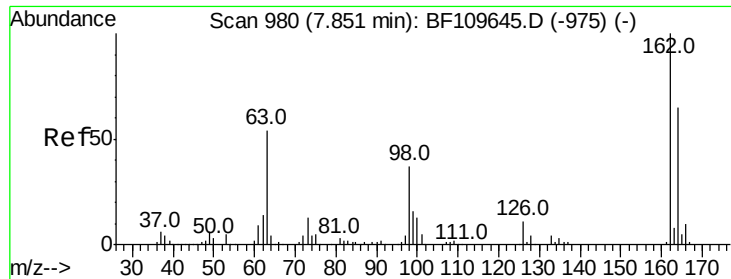
#28
bis(2-Chloroethoxy)methane
Concen: 42.167 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion: 93 Resp: 310968
Ion Ratio Lower Upper
93 100
95 31.4 26.4 39.6
123 10.9 9.0 13.6



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

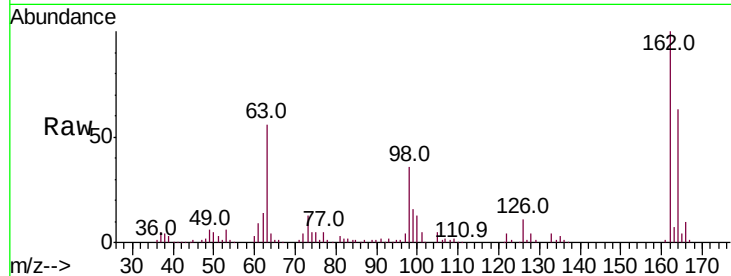




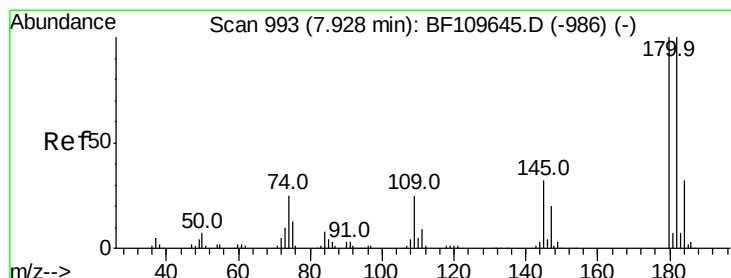
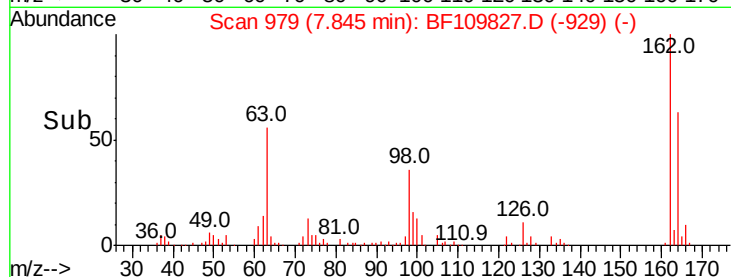
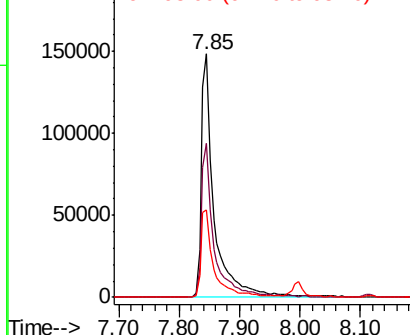
#29
 2,4-Dichlorophenol
 Concen: 42.725 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	35.7	17.4	57.4

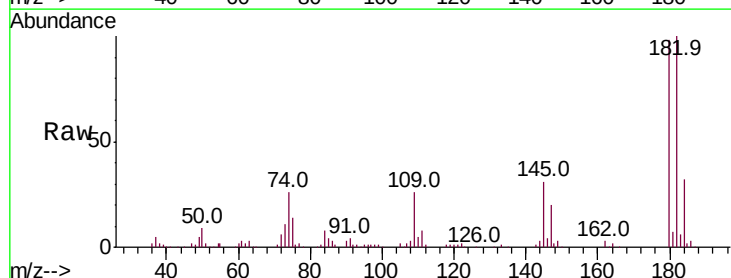


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

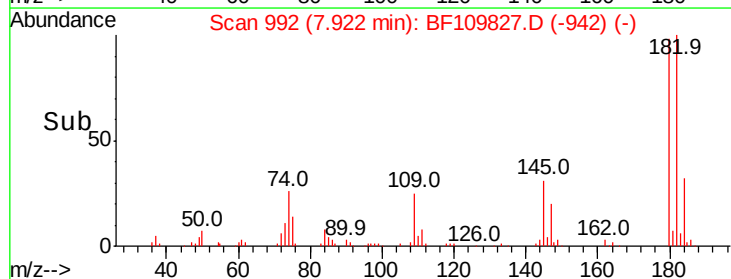
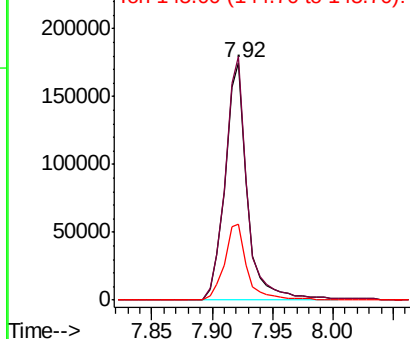


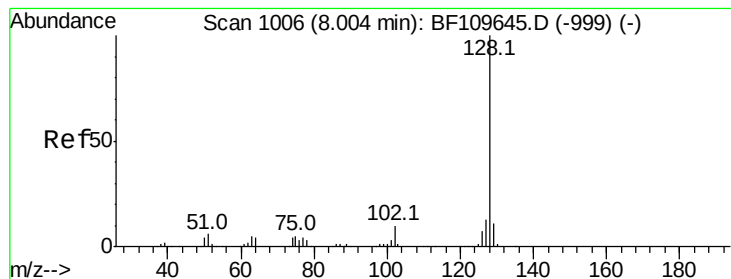
#30
 1,2,4-Trichlorobenzene
 Concen: 39.116 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	80.3	120.5
145	31.7	25.4	38.0



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





#31

Naphthalene

Concen: 42.635 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

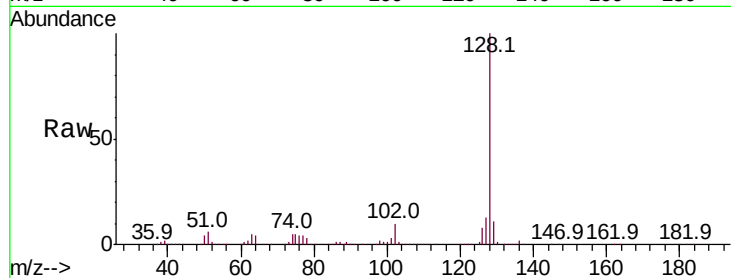
Tot Ion:128 Resp: 713629

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

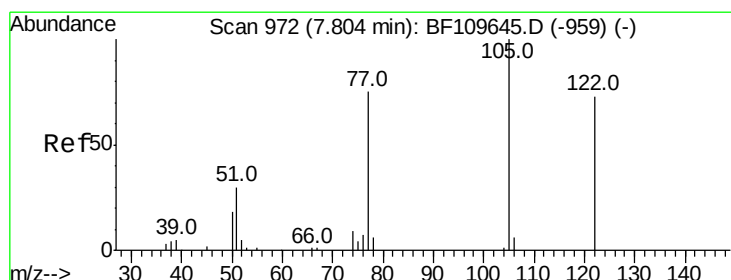
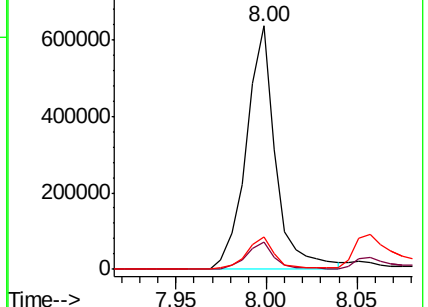
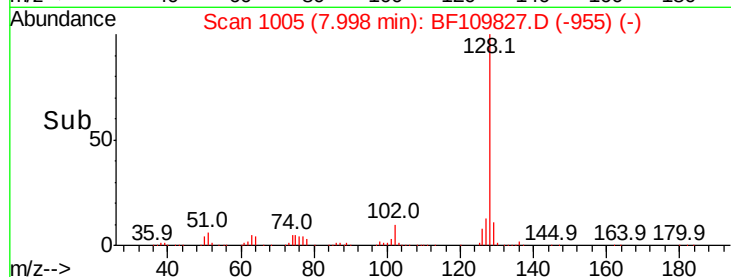
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.027 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

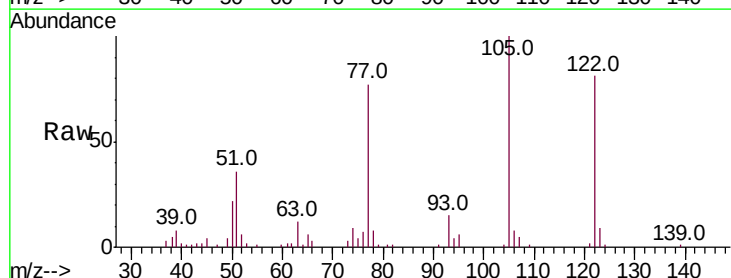
Tgt Ion:122 Resp: 118866

Ion Ratio Lower Upper

122 100

105 123.5 109.0 149.0

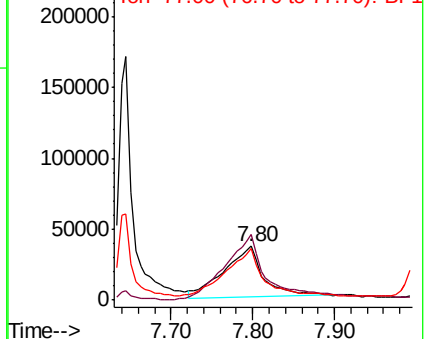
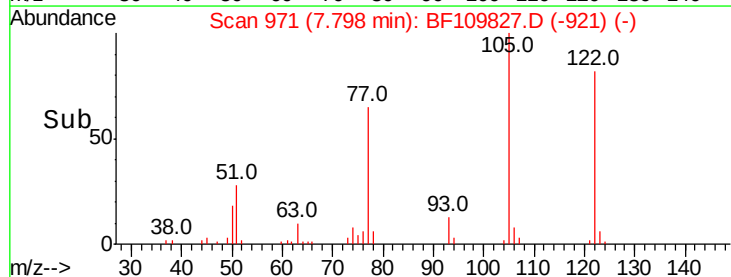
77 95.6 79.0 119.0

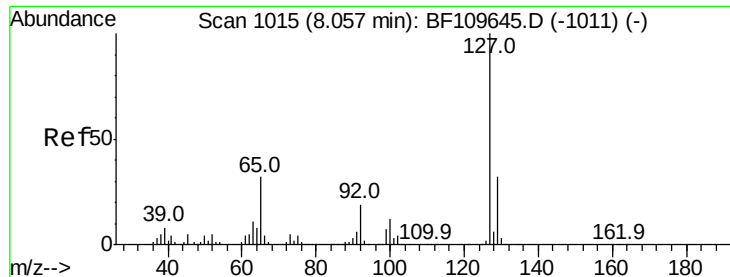


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

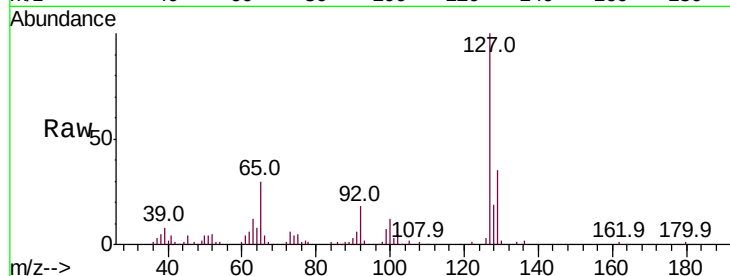




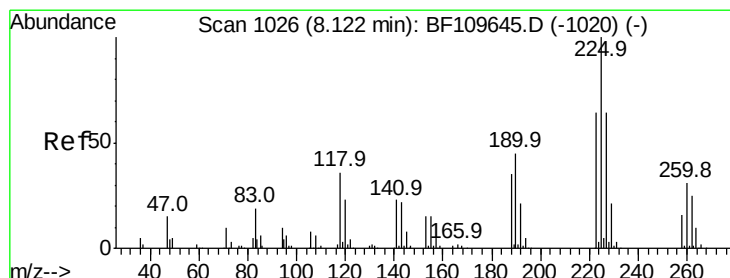
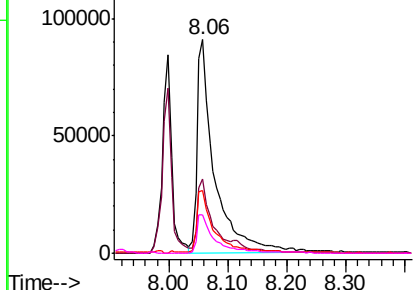
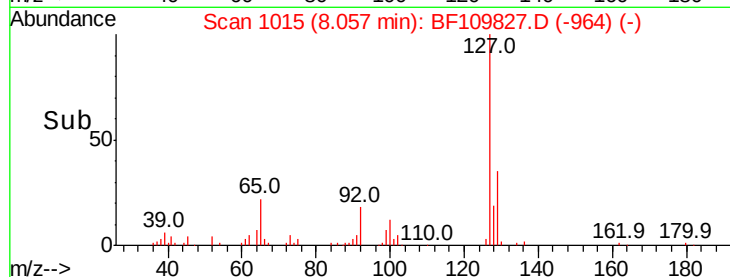
#33
 4-Chloroaniline
 Concen: 25.402 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	187234
Ion Ratio	Lower	Upper
127	100	
129	34.5	26.0 39.0
65	29.6	25.1 37.7
92	18.2	15.0 22.6

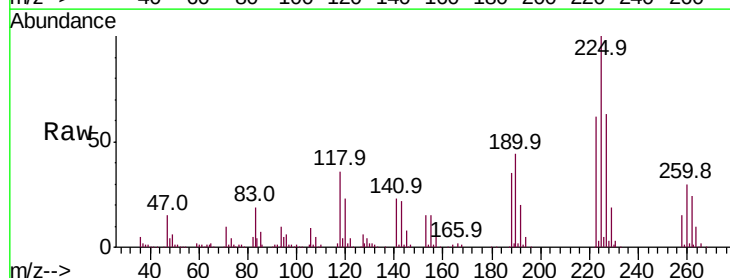


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

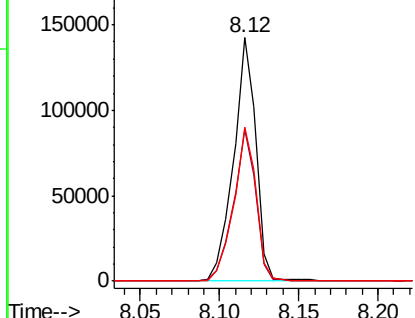
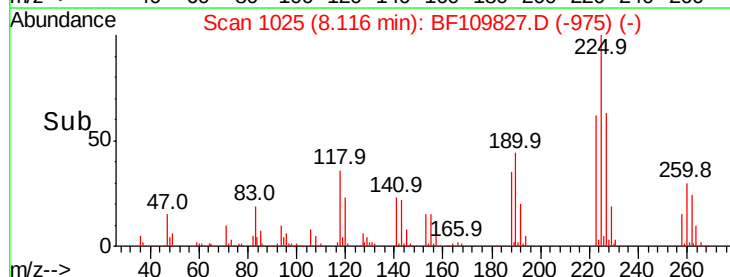


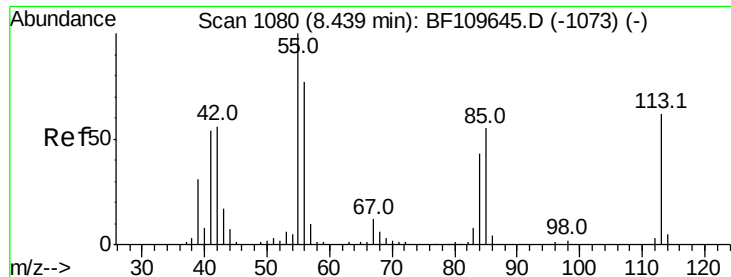
#34
 Hexachlorobutadiene
 Concen: 39.068 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:225	Resp:	139189
Ion Ratio	Lower	Upper
225	100	
223	62.3	51.4 77.2
227	63.1	51.0 76.6



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





#35

Caprolactam

Concen: 22.801 ng

RT: 8.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

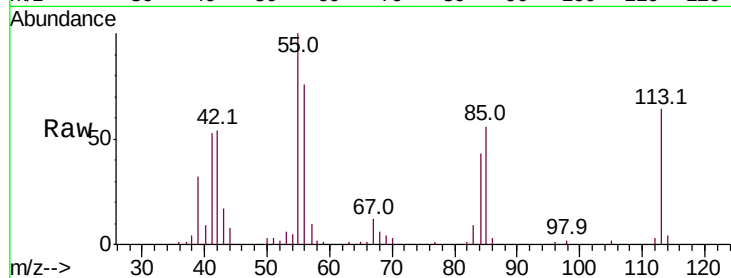
Tot Ion:113 Resp: 35246

Ion Ratio Lower Upper

113 100

55 157.3 142.8 182.8

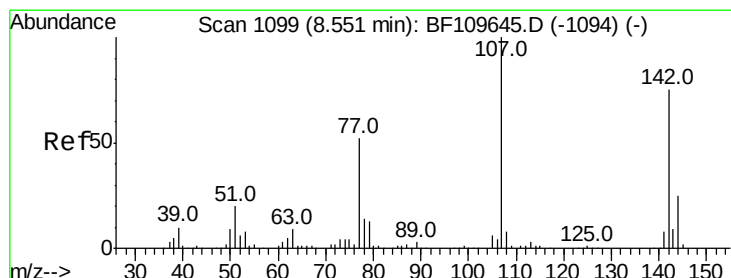
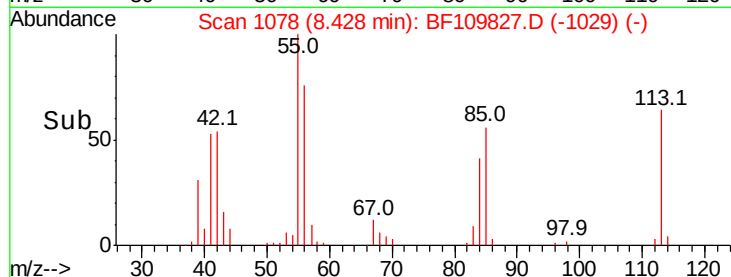
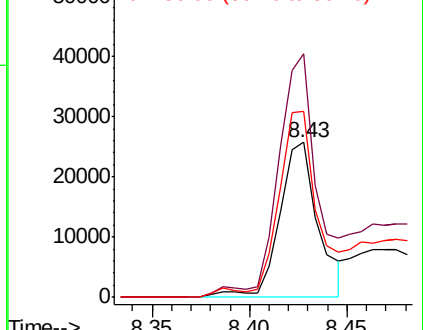
56 120.0 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.462 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

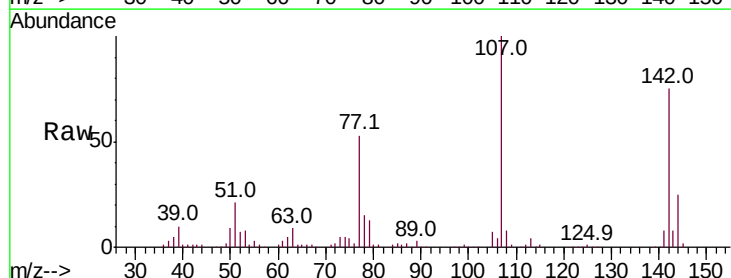
Tgt Ion:107 Resp: 232005

Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

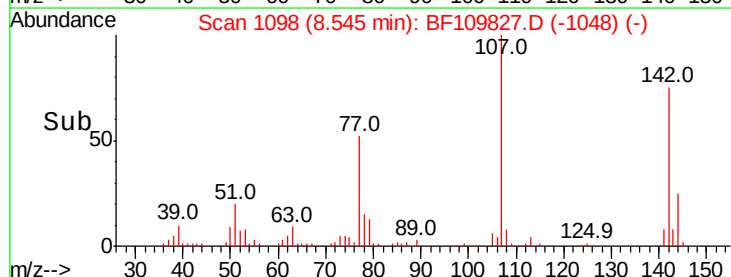
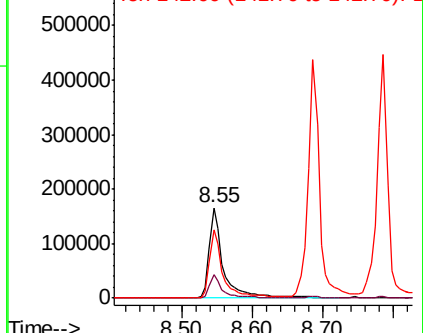
142 75.2 59.7 89.5

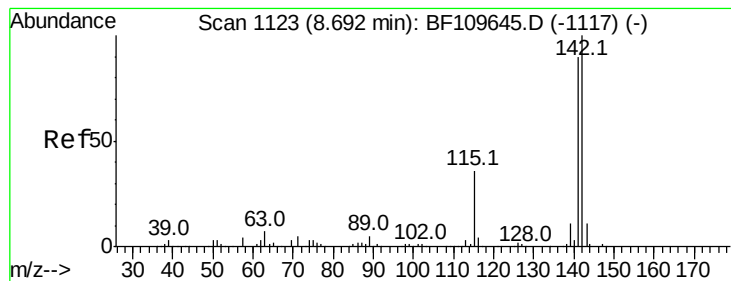


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.124 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

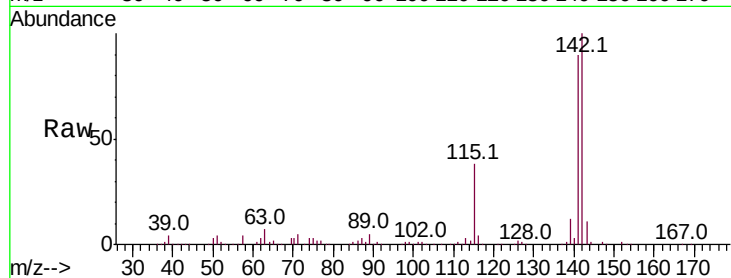
Tot Ion:142 Resp: 483772

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.2

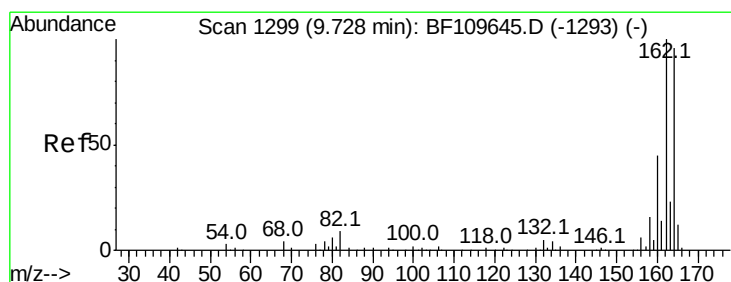
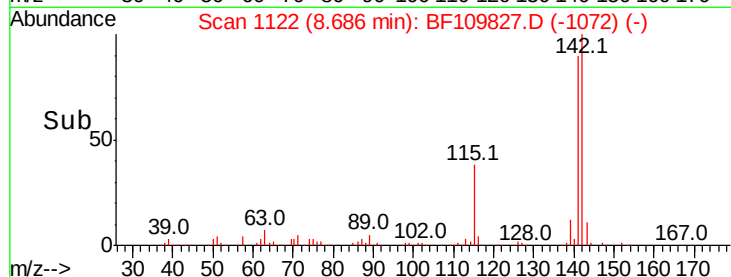
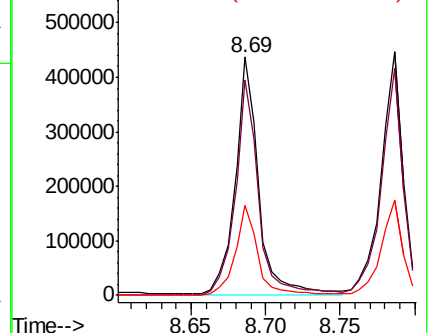
115 37.7 28.7 43.1



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: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

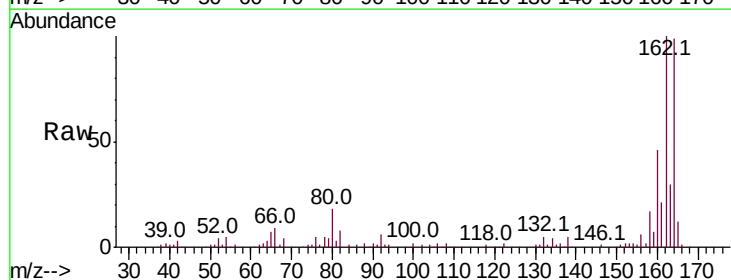
Tgt Ion:164 Resp: 175902

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

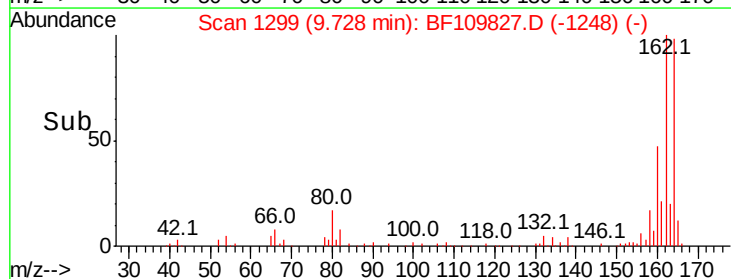
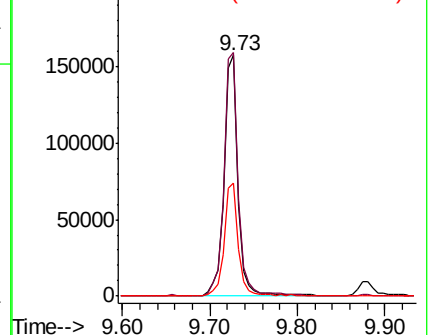
160 46.8 37.0 55.6

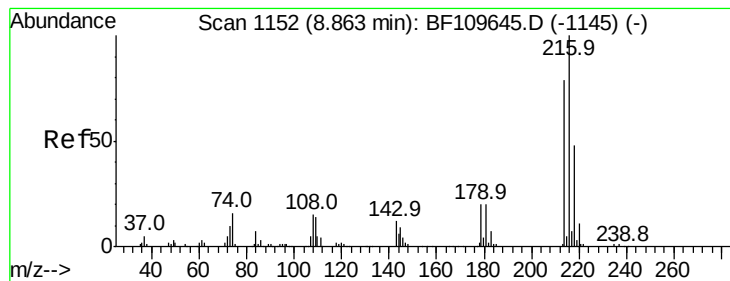


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.379 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 229805

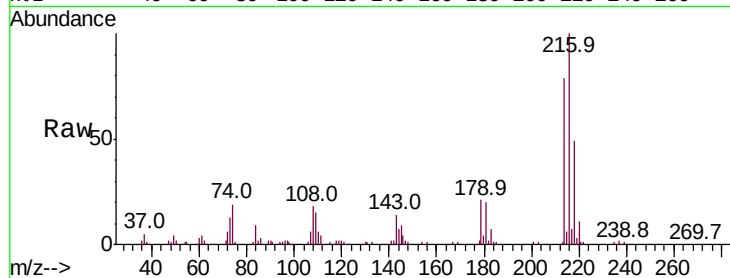
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 20.9 16.6 25.0

108 21.3 15.1 22.7

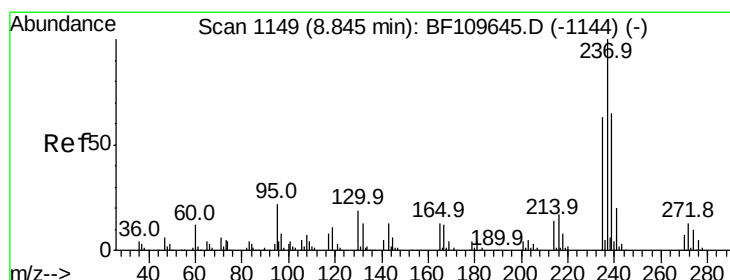
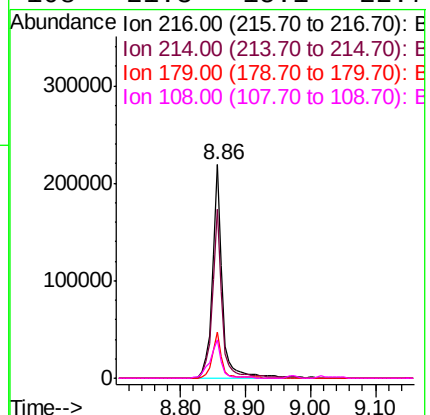
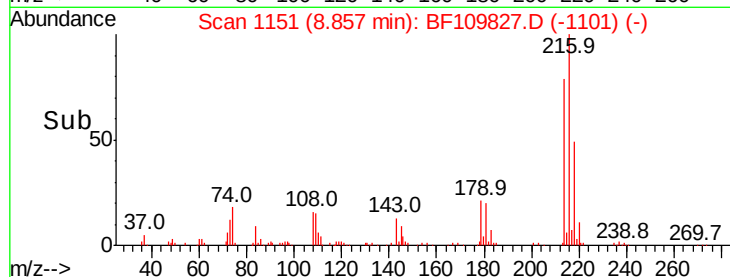


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.419 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

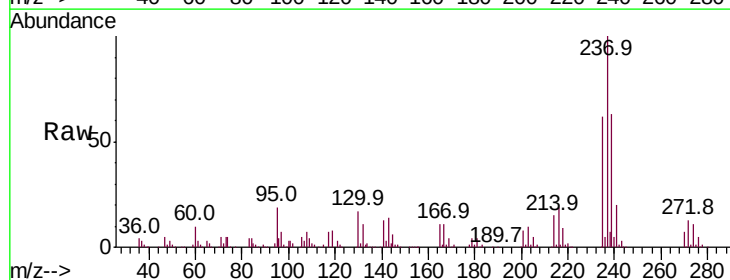
Tgt Ion:237 Resp: 222481

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

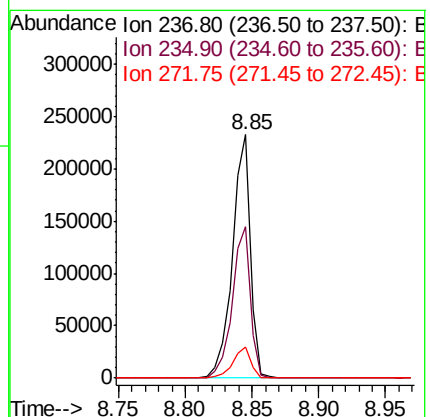
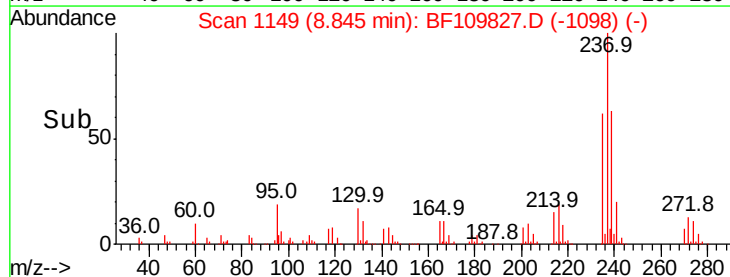
272 12.8 0.0 32.6

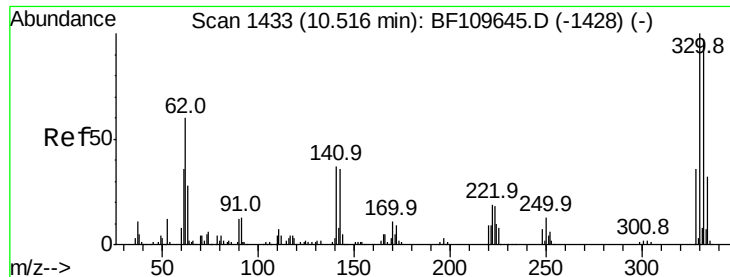


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

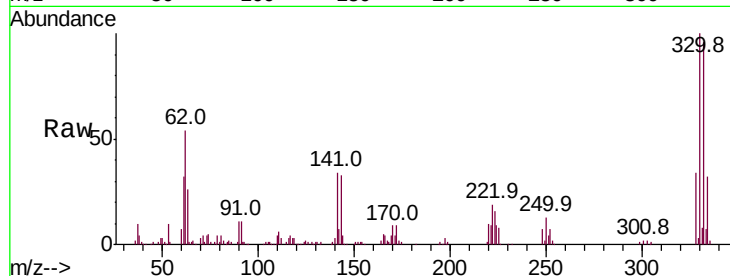




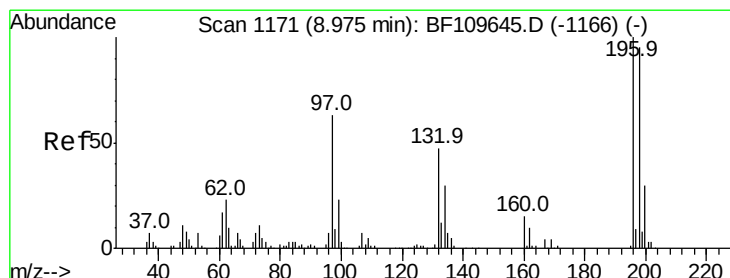
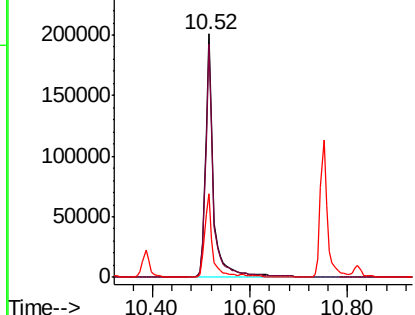
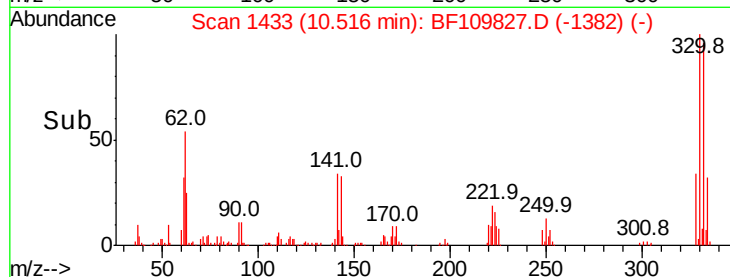
#41
 2,4,6-Tribromophenol
 Concen: 121.917 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 233671
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 32.6 27.0 40.4

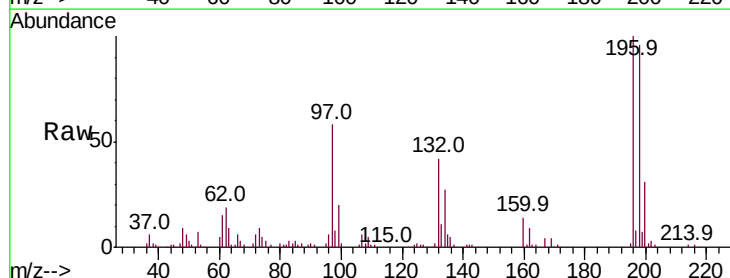


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

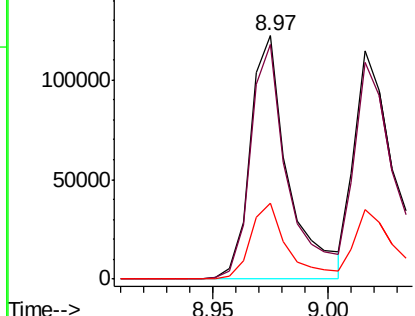
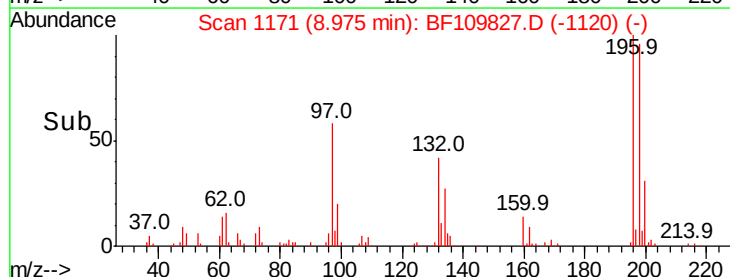


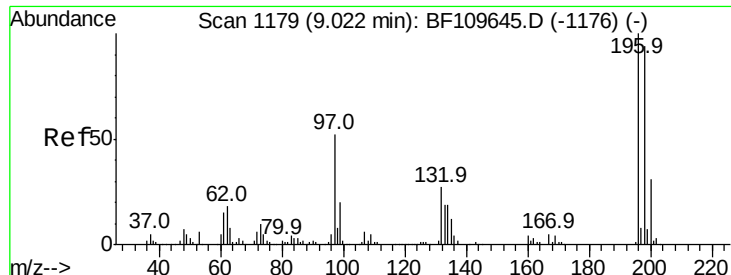
#42
 2,4,6-Trichlorophenol
 Concen: 39.322 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:196 Resp: 140752
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.4
 200 31.0 24.4 36.6



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

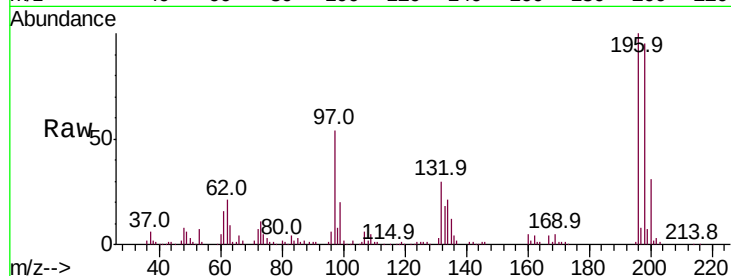




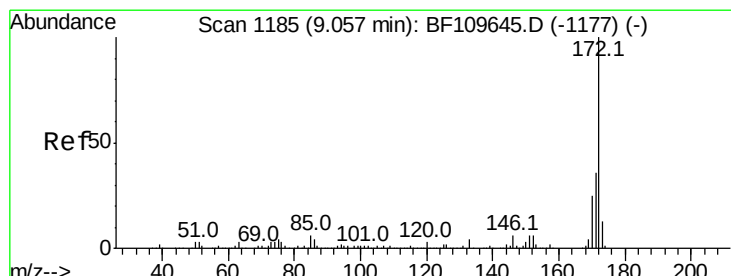
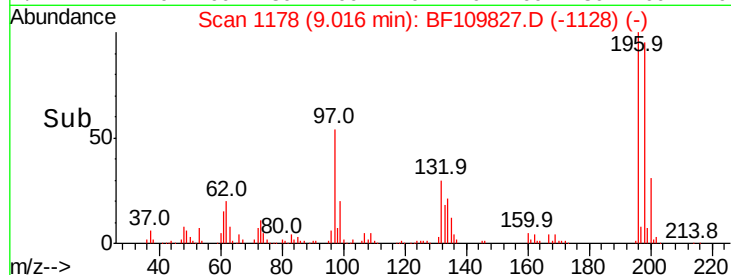
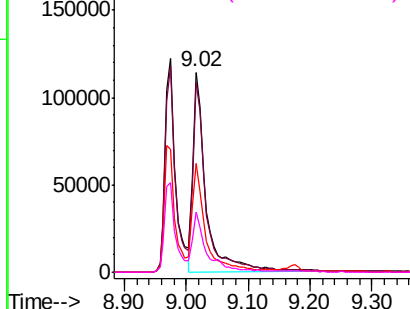
#43
 2,4,5-Trichlorophenol
 Concen: 40.668 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	167376
Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.8	113.6
97	54.1	42.4	63.6
132	30.2	22.8	34.2

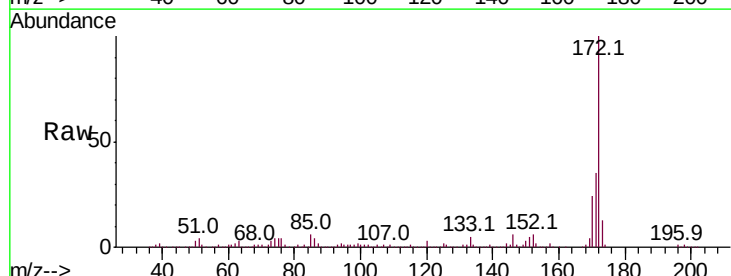


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

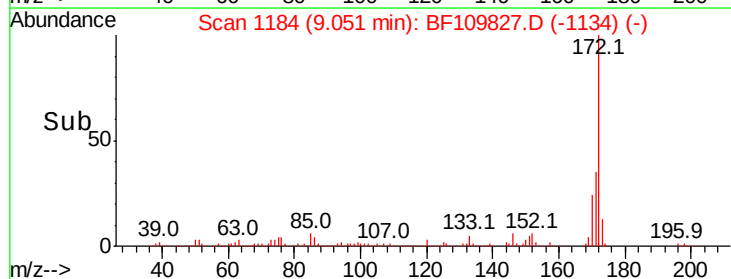
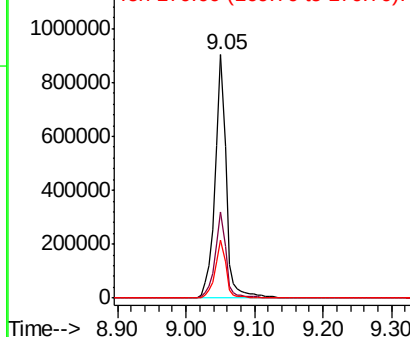


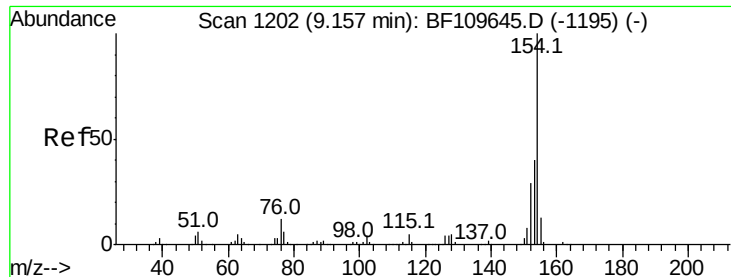
#44
 2-Fluorobiphenyl
 Concen: 78.448 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:	172	Resp:	1001932
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.8	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.901 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

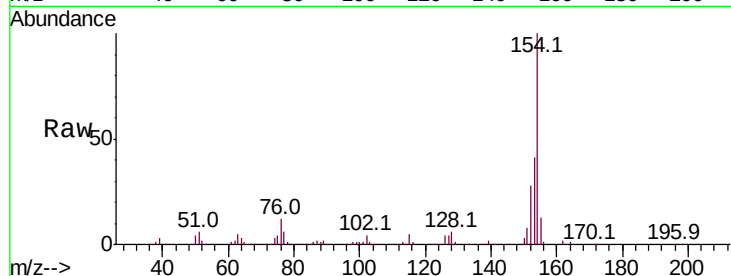
Tot Ion:154 Resp: 611302

Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

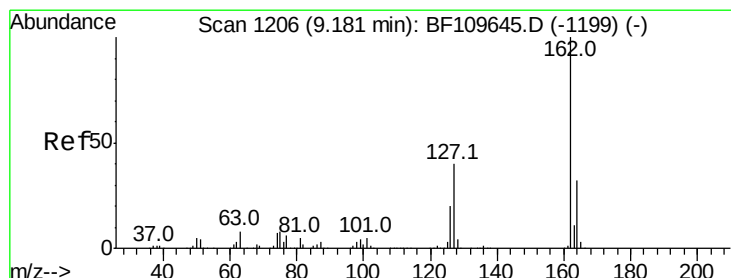
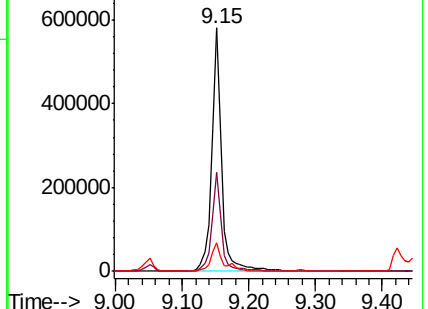
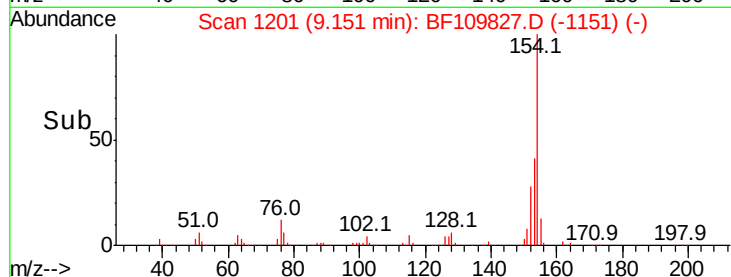
76 11.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.603 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

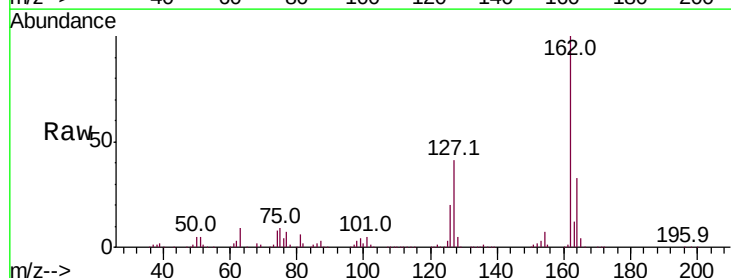
Tgt Ion:162 Resp: 466244

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

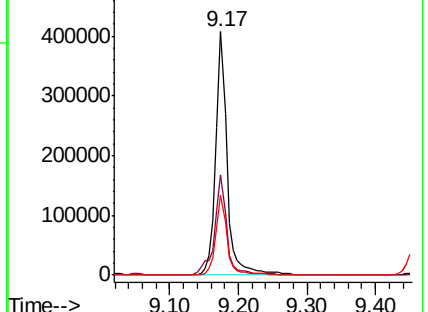
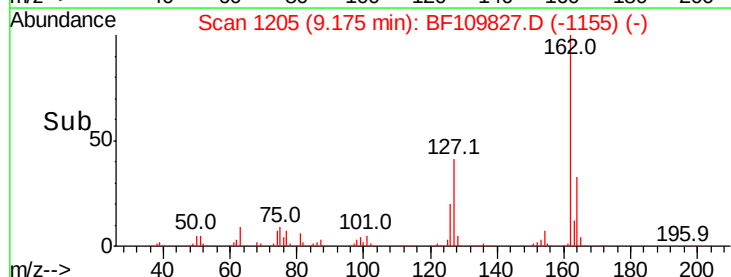
164 32.7 25.9 38.9

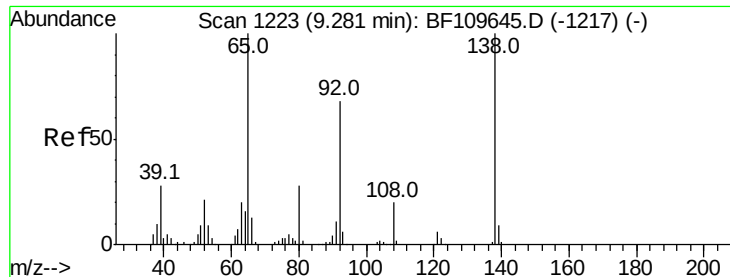


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.394 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

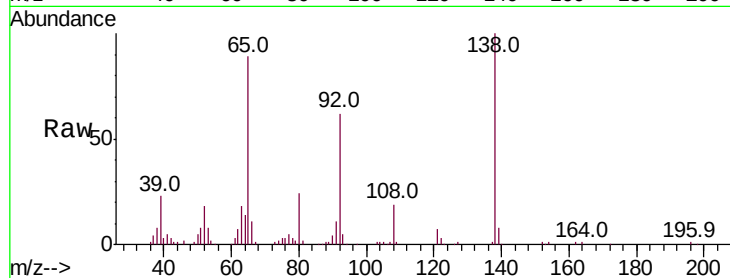
Tot Ion: 65 Resp: 143994

Ion Ratio Lower Upper

65 100

92 69.7 54.6 81.8

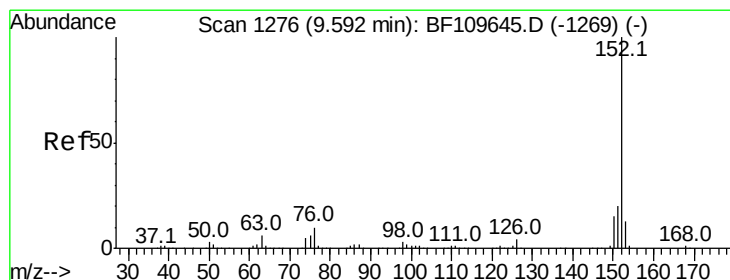
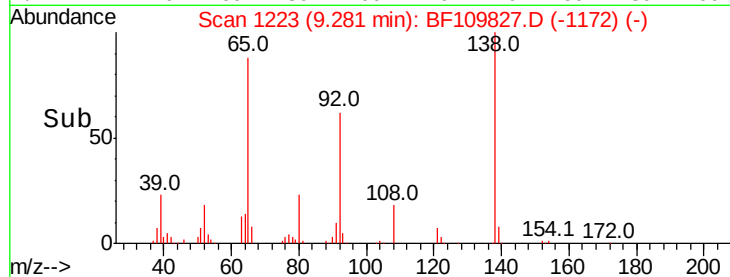
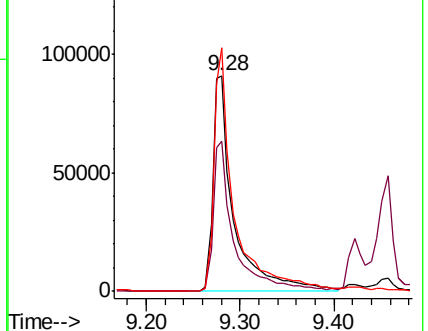
138 112.9 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 42.815 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

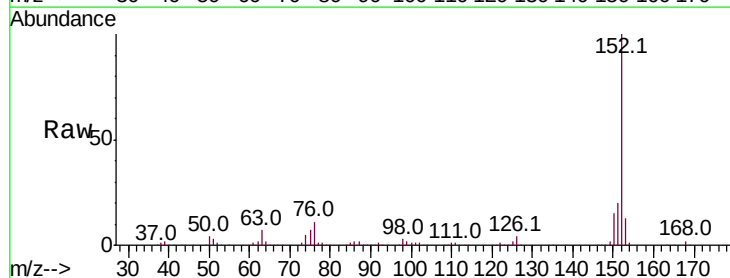
Tgt Ion: 152 Resp: 734847

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

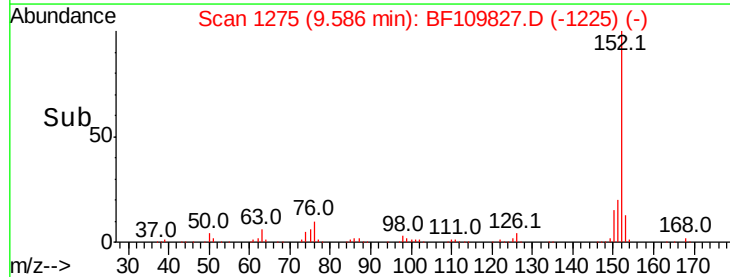
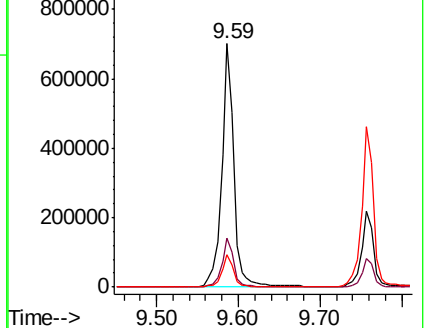
153 13.3 10.4 15.6

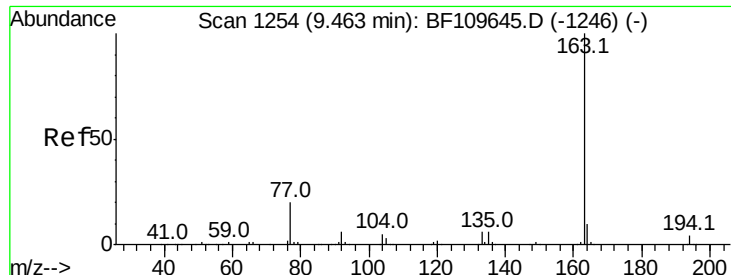


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

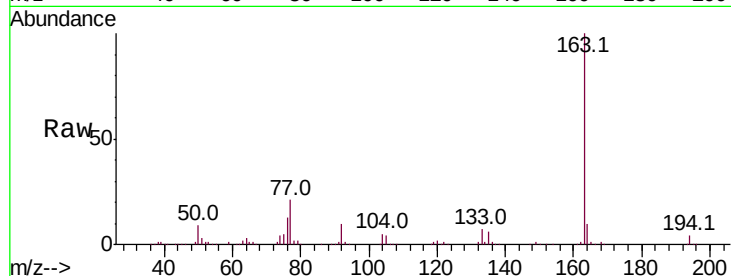




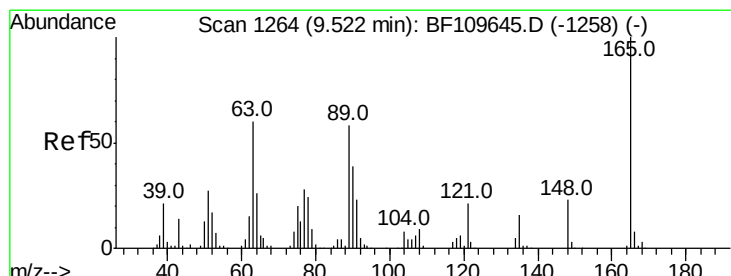
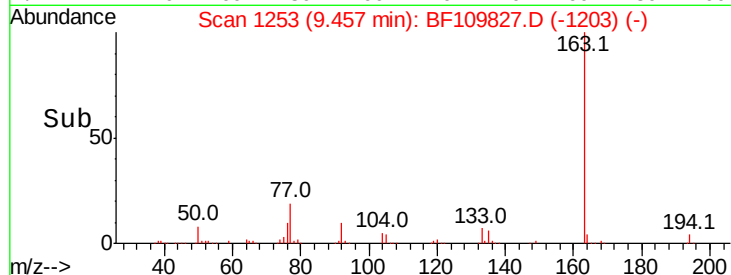
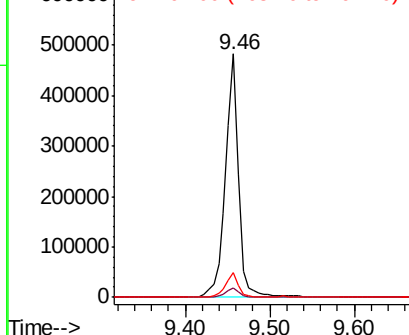
#49
Dimethylphthalate
Concen: 40.641 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	8.1	12.1

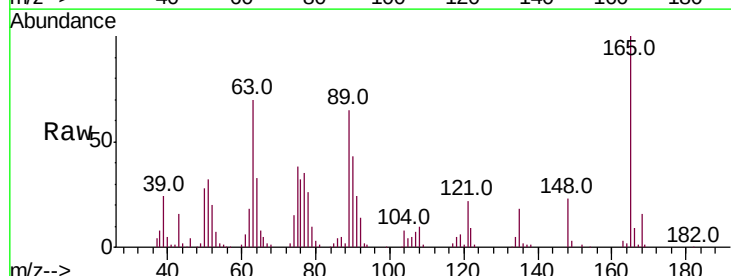


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

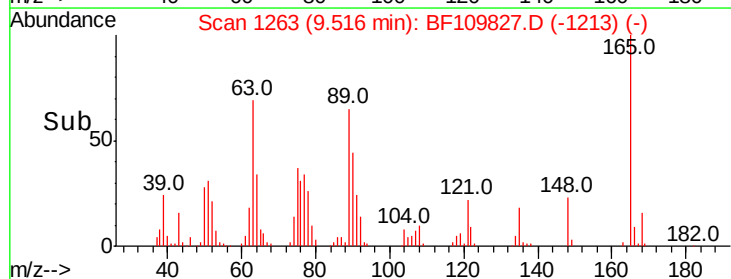
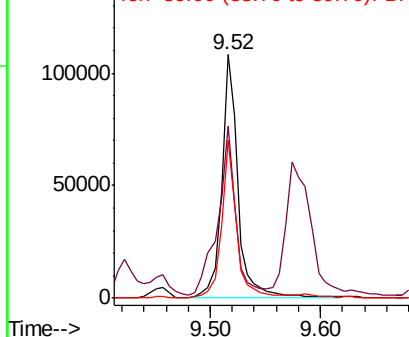


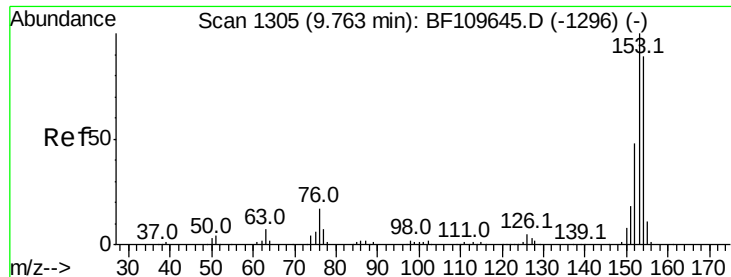
#50
2,6-Dinitrotoluene
Concen: 40.339 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.4	48.9	73.3
89	65.0	46.6	69.8



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





#51

Acenaphthene

Concen: 40.728 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

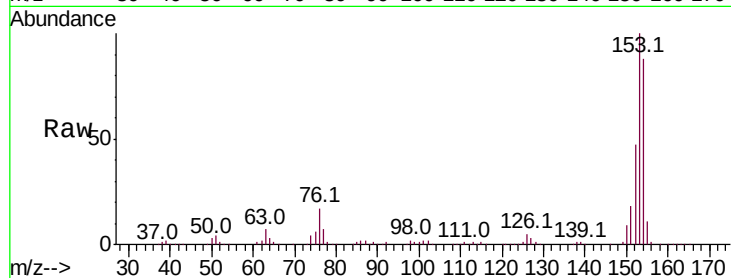
Tot Ion:154 Resp: 414385

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

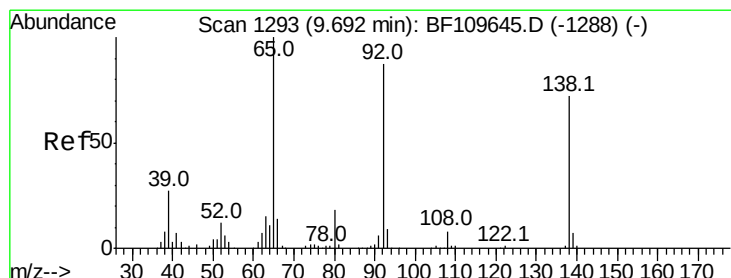
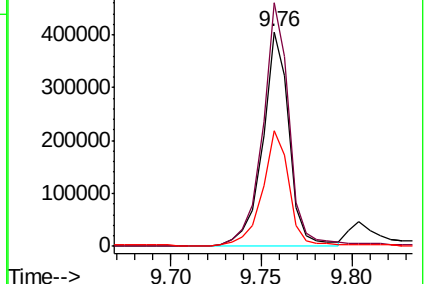
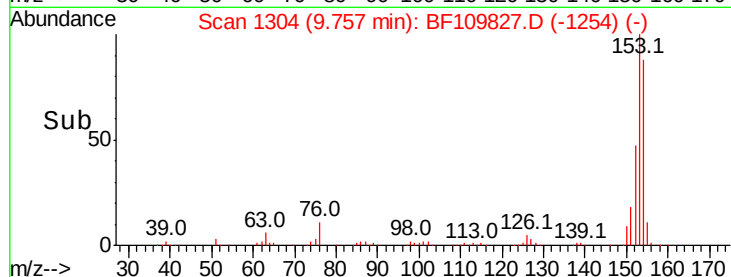
152 53.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.867 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

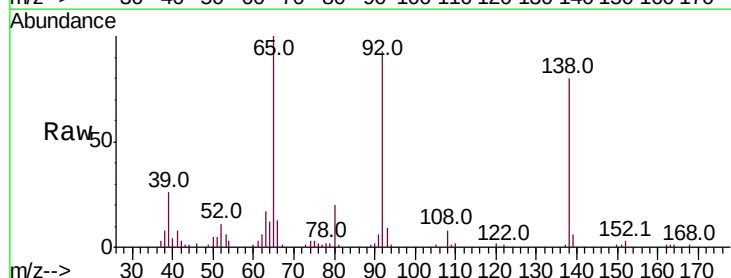
Tgt Ion:138 Resp: 84221

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

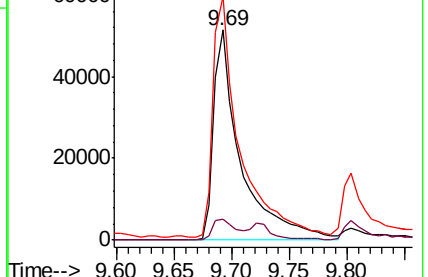
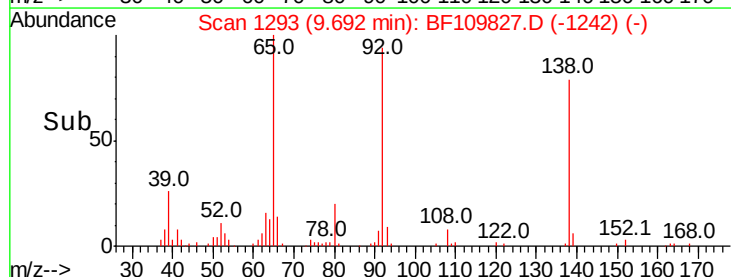
92 115.9 97.0 145.4

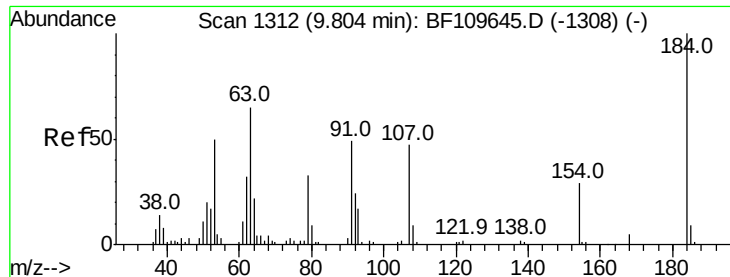


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

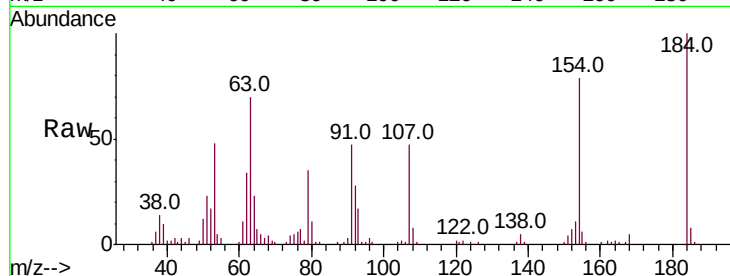




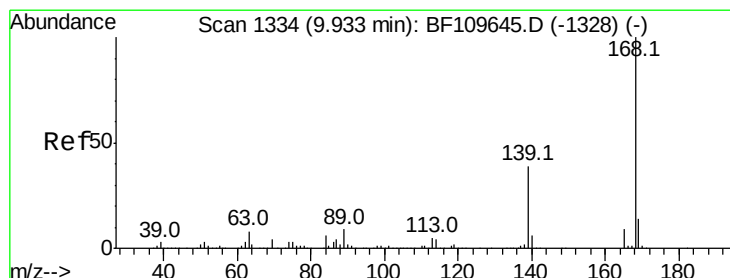
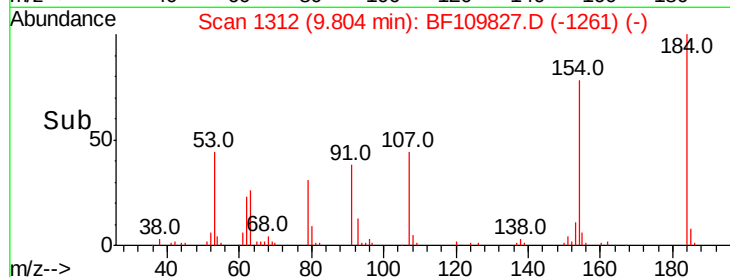
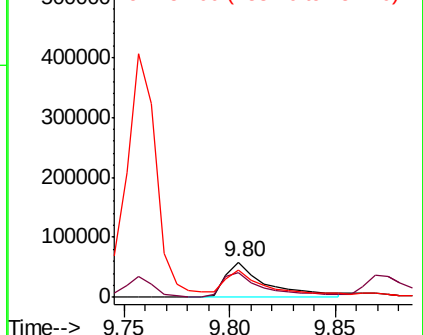
#53
 2,4-Dinitrophenol
 Concen: 86.374 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 77930
 Ion Ratio Lower Upper
 184 100
 63 69.5 55.8 83.6
 154 79.1 63.2 94.8

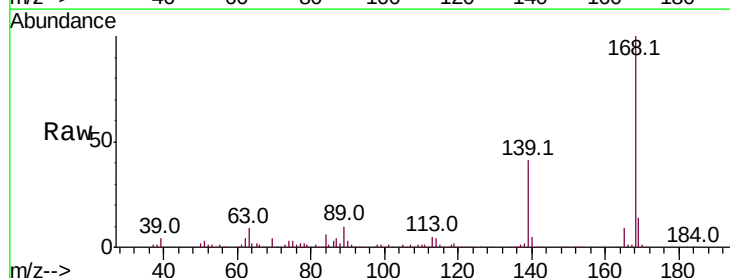


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

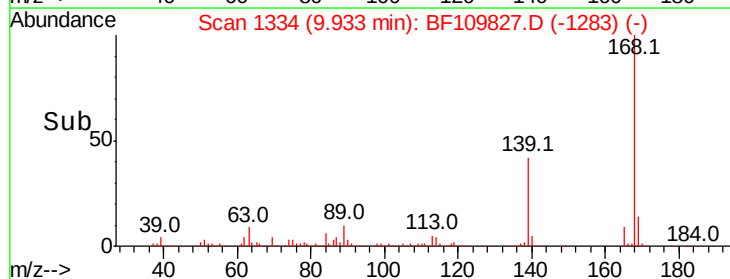
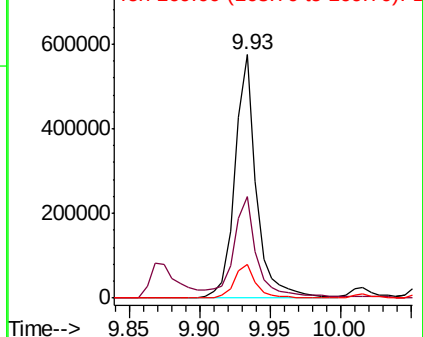


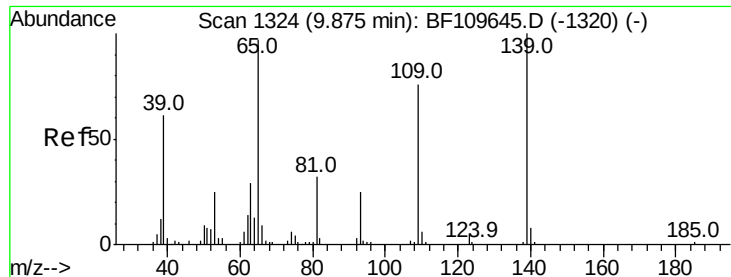
#54
 Dibenzofuran
 Concen: 40.020 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:168 Resp: 610357
 Ion Ratio Lower Upper
 168 100
 139 41.5 33.0 49.6
 169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

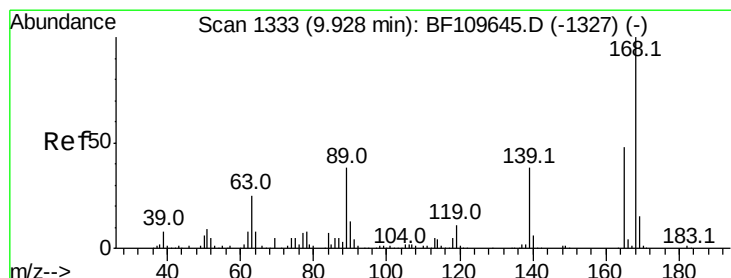
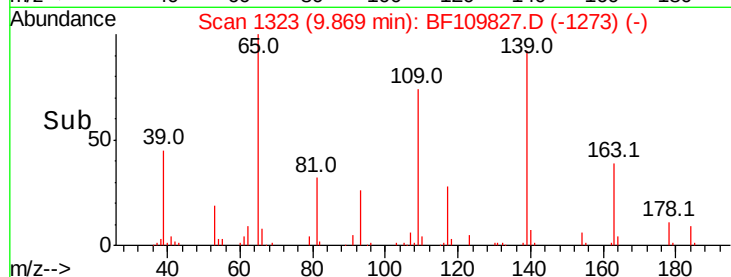
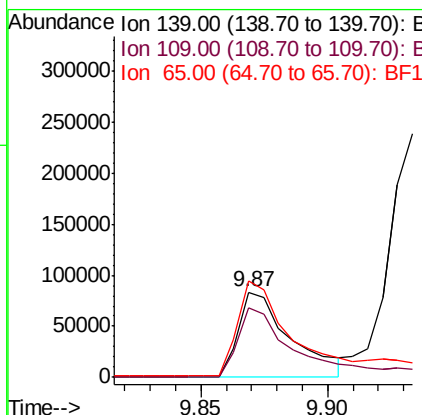
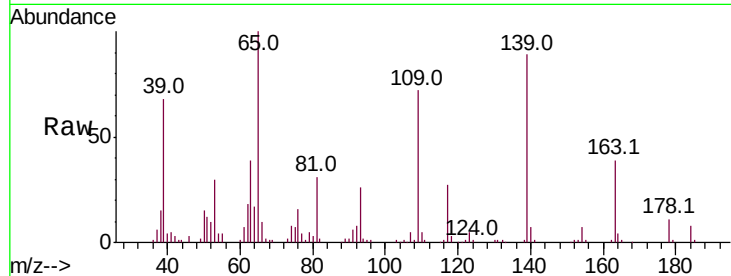




#55
4-Nitrophenol
Concen: 69.883 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

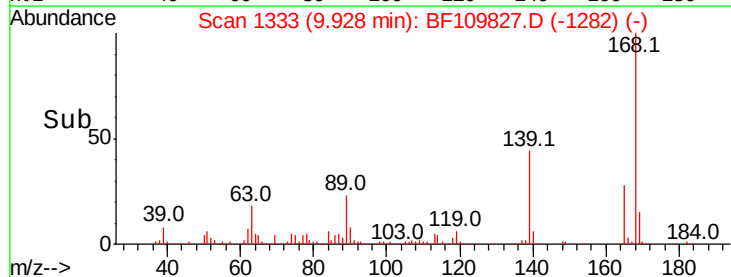
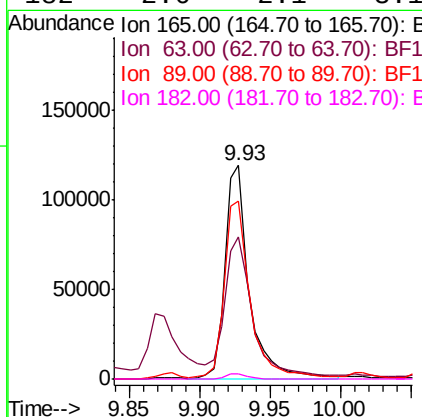
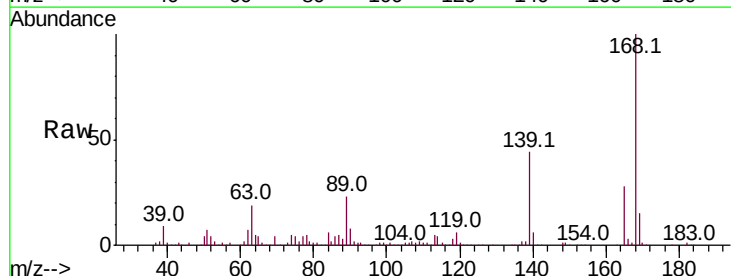
Instrument :
BNA_F
ClientSampleId :

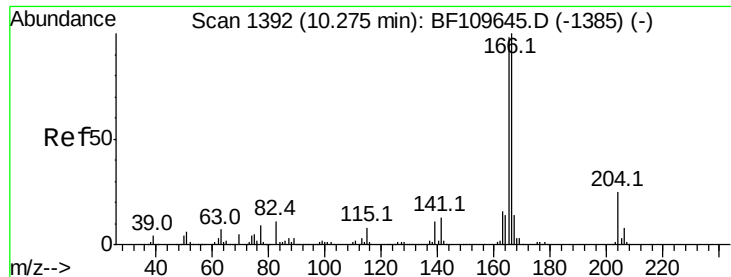
Tot Ion:139 Resp: 119908
Ion Ratio Lower Upper
139 100
109 81.4 55.8 95.8
65 112.8 77.9 117.9



#56
2,4-Dinitrotoluene
Concen: 41.042 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:165 Resp: 143229
Ion Ratio Lower Upper
165 100
63 66.7 44.8 67.2
89 83.1 62.2 93.4
182 2.6 2.1 3.1

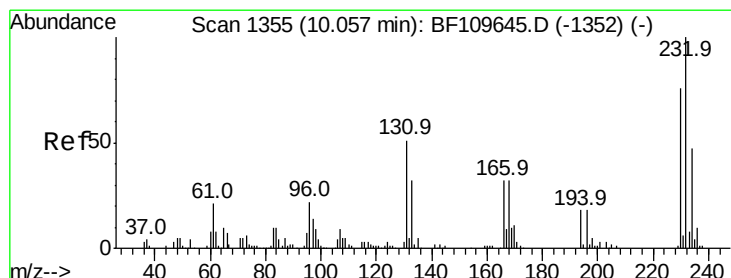
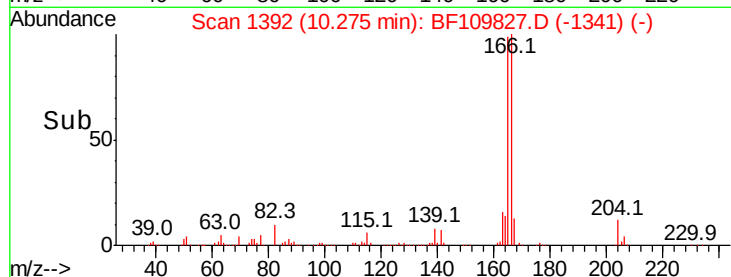
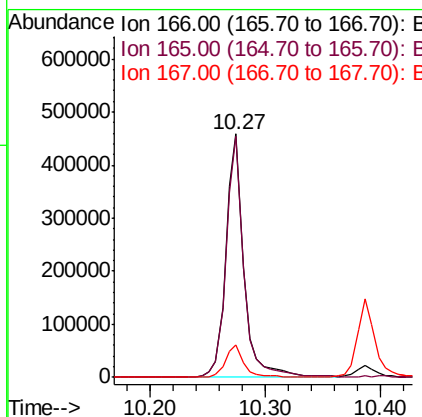
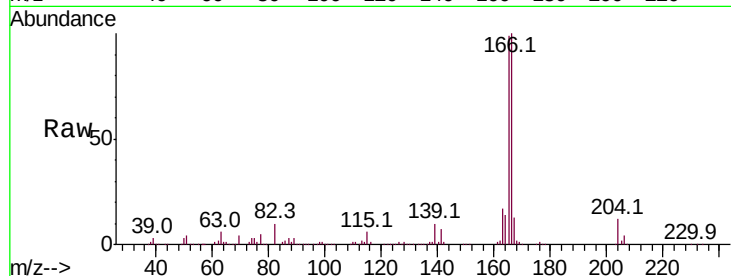




#57
 Fluorene
 Concen: 43.187 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

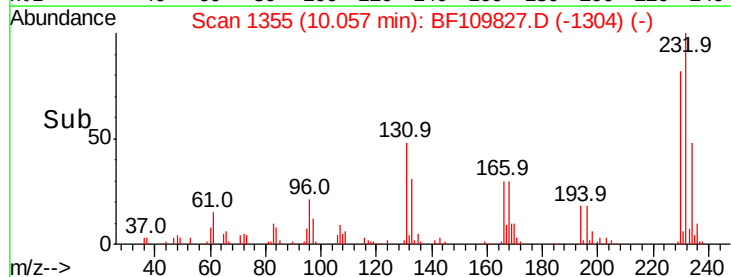
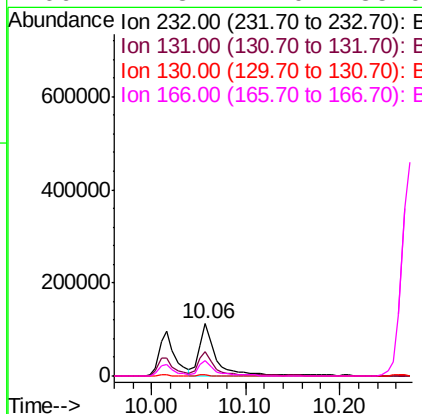
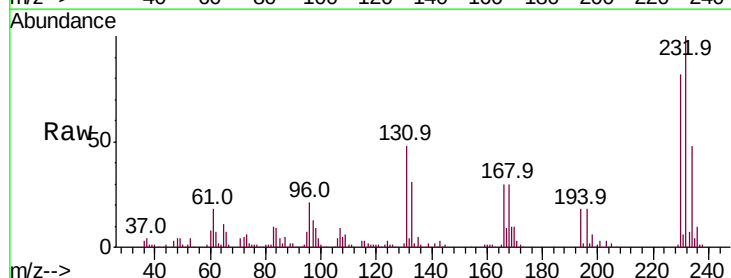
Instrument :
 BNA_F
 ClientSampled :

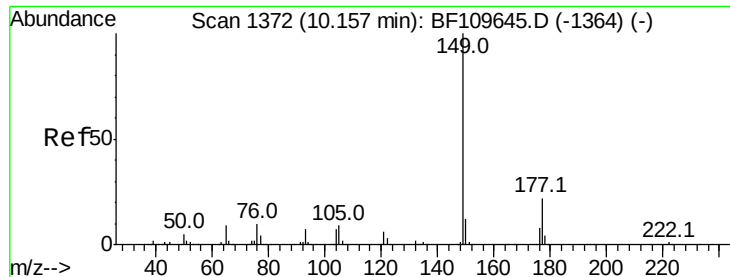
Tot Ion:166 Resp: 491874
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.177 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:232 Resp: 137758
 Ion Ratio Lower Upper
 232 100
 131 47.5 37.0 55.4
 130 2.3 1.8 2.6
 166 27.3 22.0 33.0

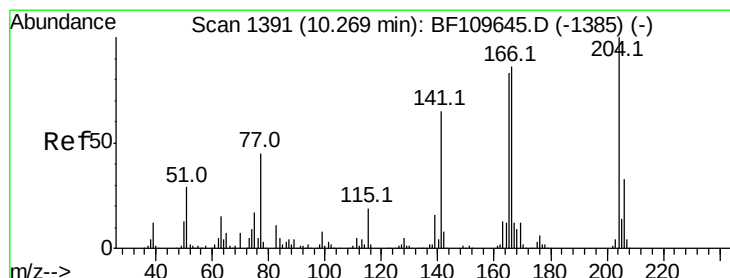
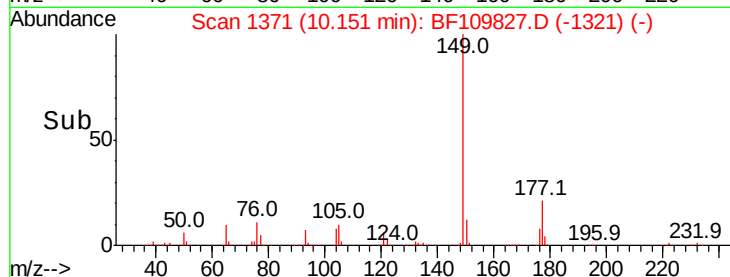
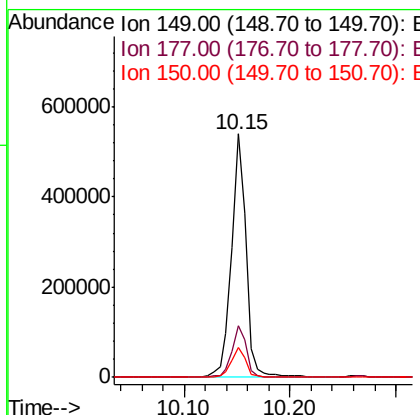
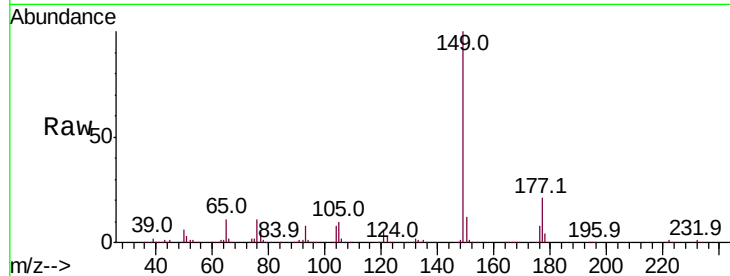




#59
Diethylphthalate
Concen: 40.170 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

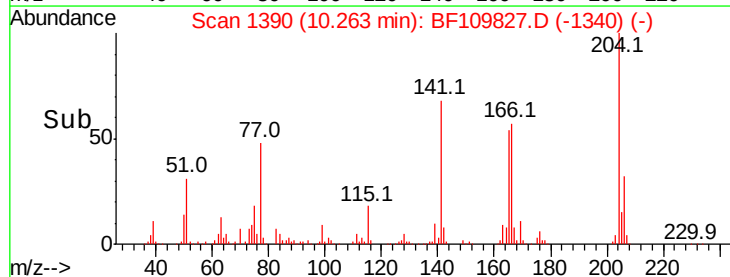
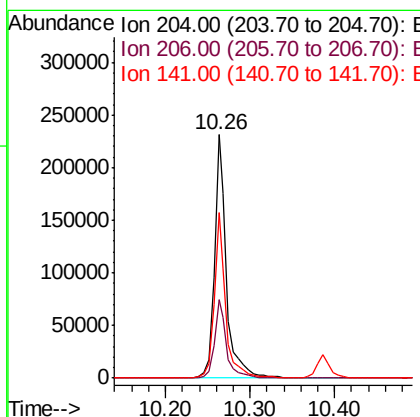
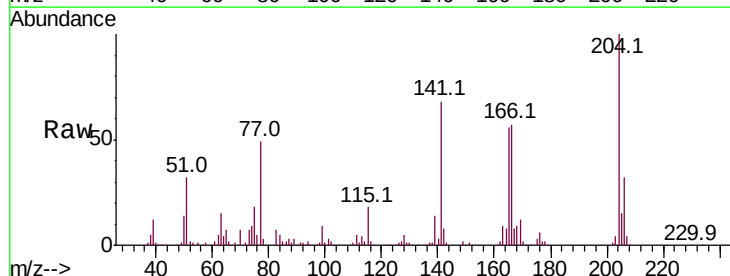
Instrument :
BNA_F
ClientSampleId :

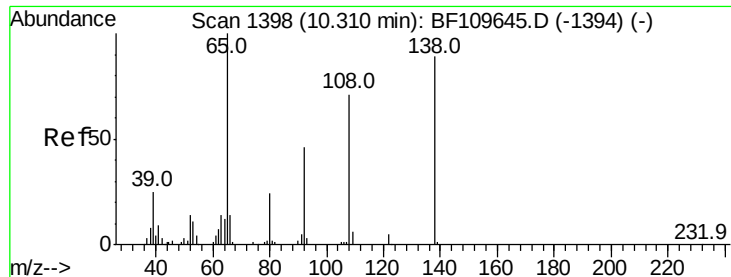
Tot Ion:149 Resp: 513462
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.056 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:204 Resp: 234671
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 68.2 51.8 77.8

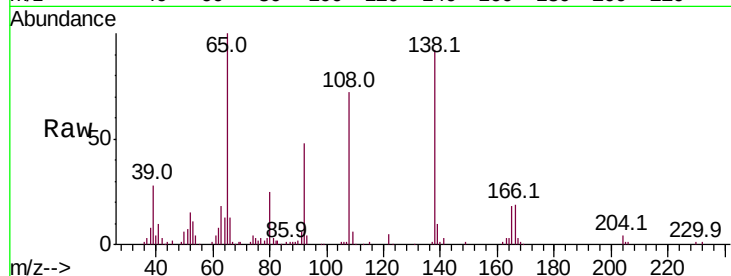




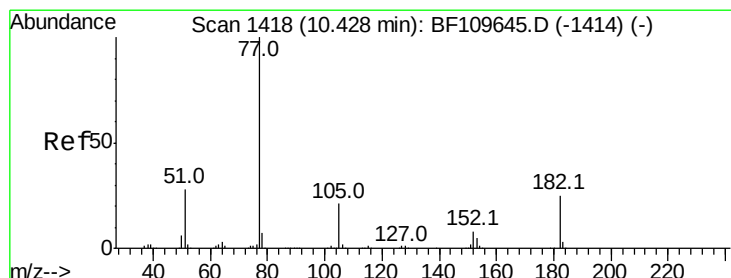
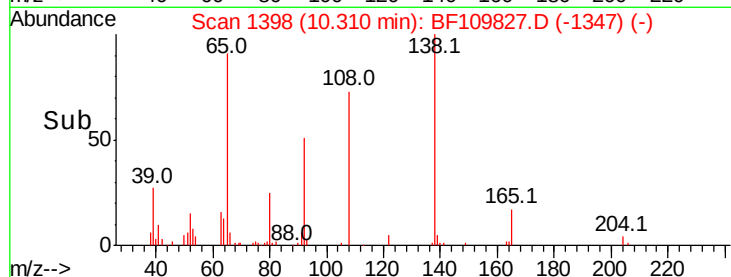
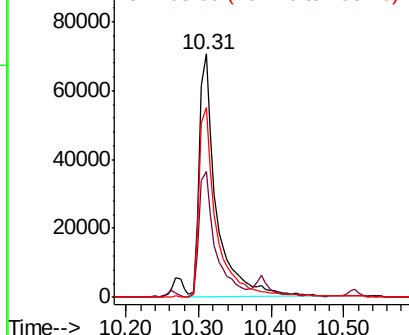
#61
4-Nitroaniline
Concen: 39.751 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115399
Ion Ratio Lower Upper
138 100
92 51.7 31.7 71.7
108 78.0 59.3 99.3

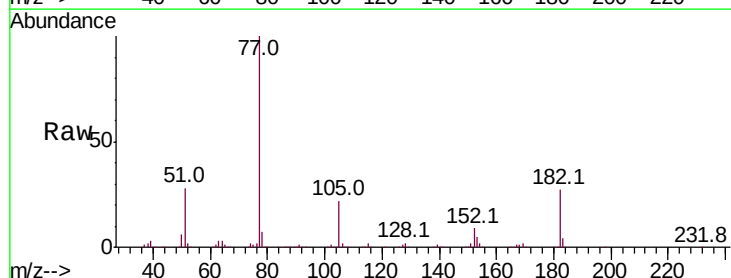


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

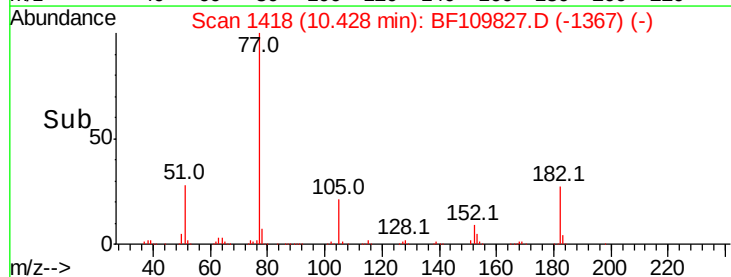
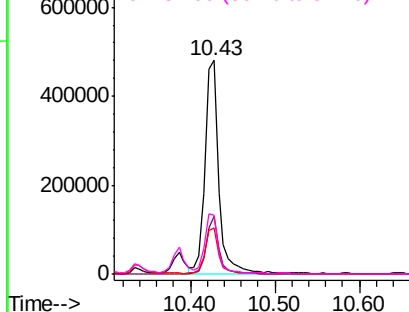


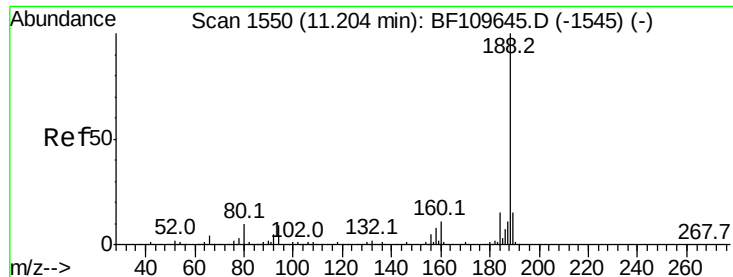
#62
Azobenzene
Concen: 41.863 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion: 77 Resp: 543387
Ion Ratio Lower Upper
77 100
182 26.8 4.3 44.3
105 21.5 1.3 41.3
51 27.8 9.0 49.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

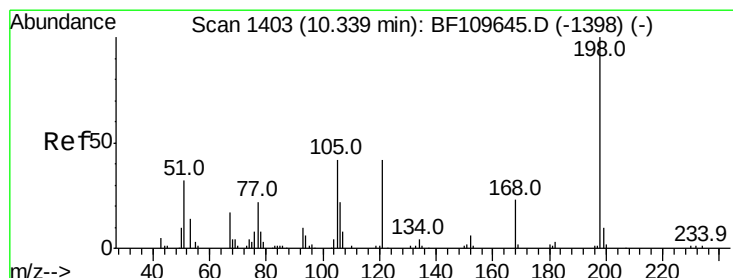
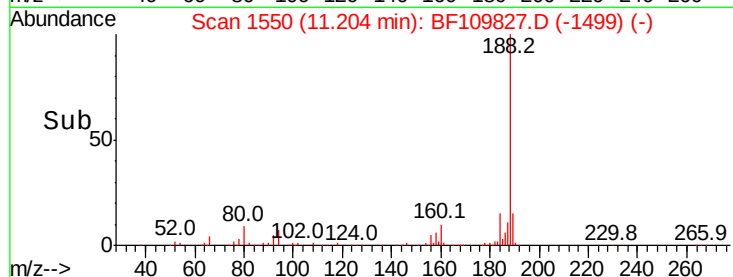
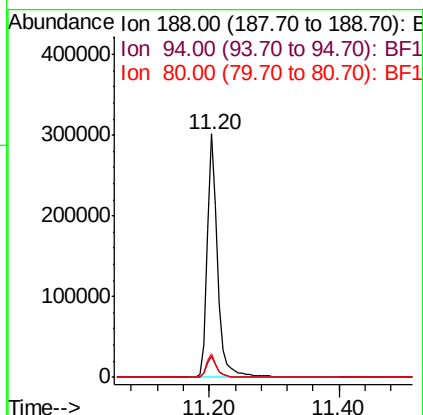
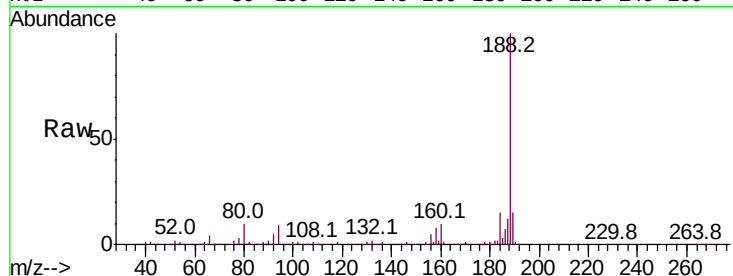




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

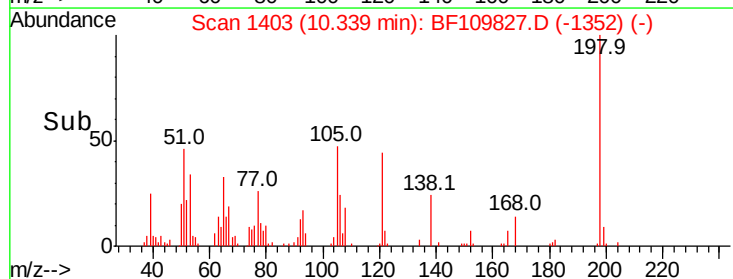
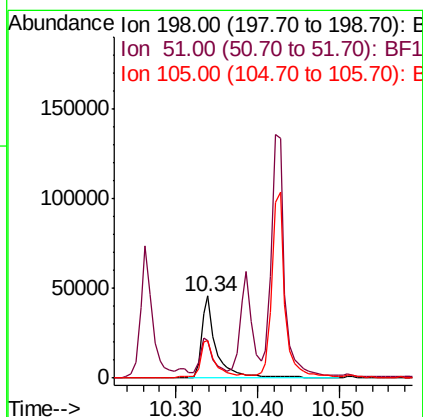
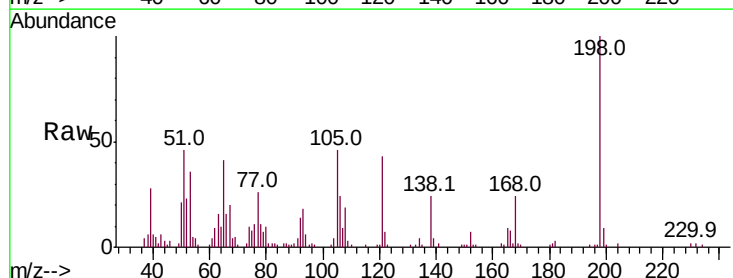
Instrument :
BNA_F
ClientSampleId :

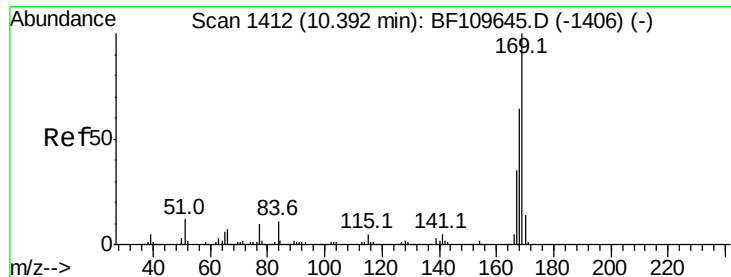
Tot Ion:188 Resp: 331100
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.6 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 36.244 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:198 Resp: 58408
Ion Ratio Lower Upper
198 100
51 45.8 22.8 62.8
105 45.6 23.6 63.6





#65

n-Nitrosodiphenylamine

Concen: 39.585 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

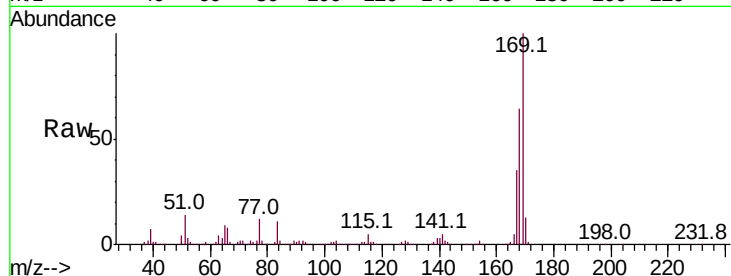
Tot Ion:169 Resp: 444315

Ion Ratio Lower Upper

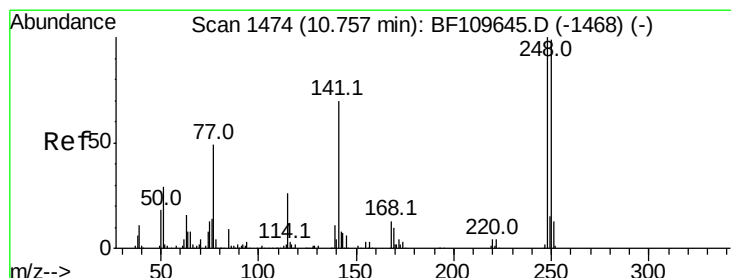
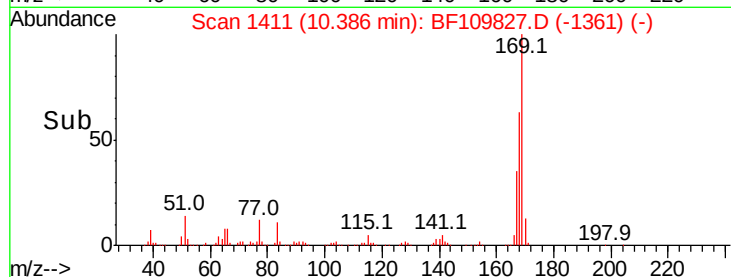
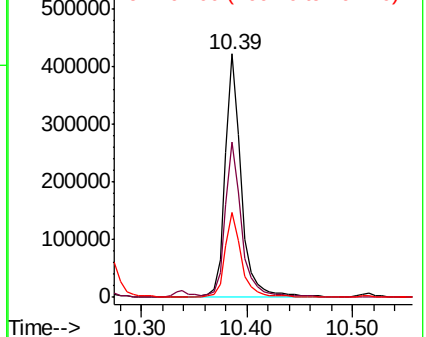
169 100

168 64.0 51.2 76.8

167 35.0 27.8 41.6



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



#66

4-Bromophenyl-phenylether

Concen: 38.853 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

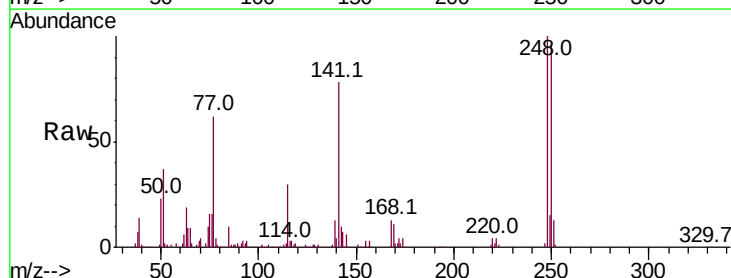
Tgt Ion:248 Resp: 147812

Ion Ratio Lower Upper

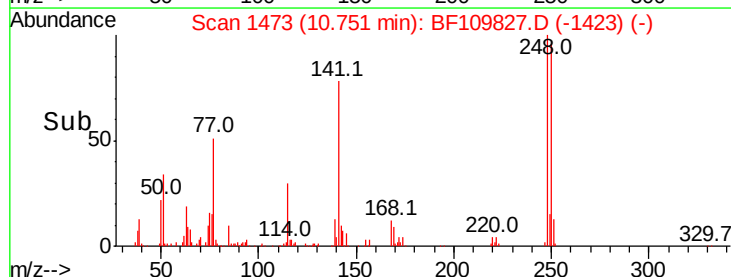
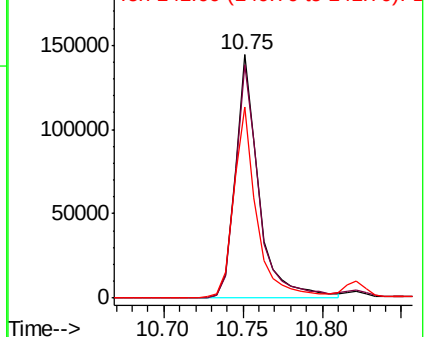
248 100

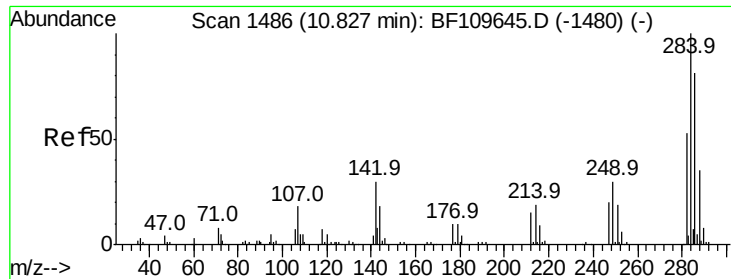
250 96.1 79.4 119.2

141 78.3 55.9 83.9



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

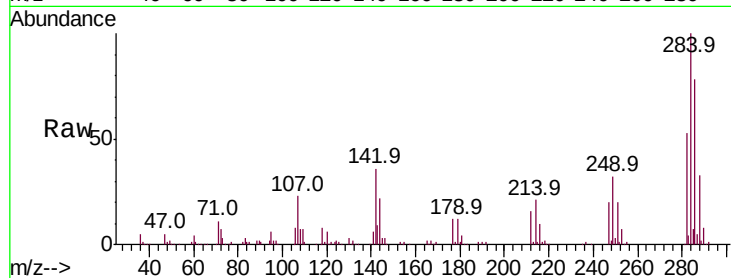




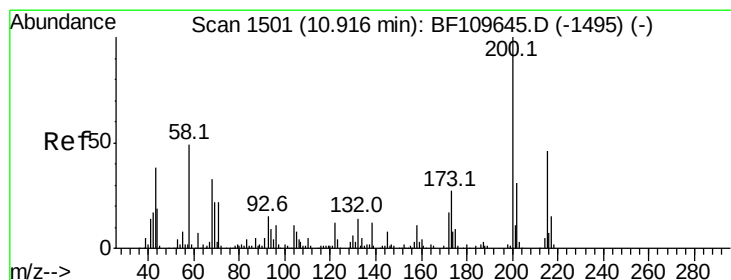
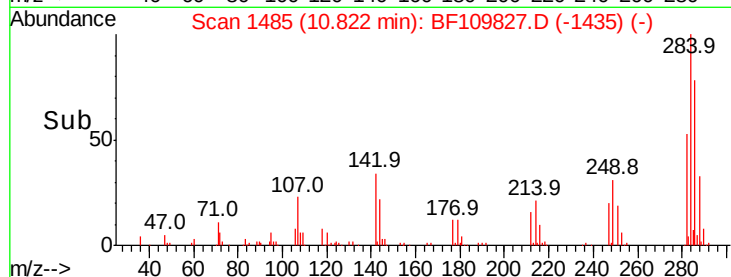
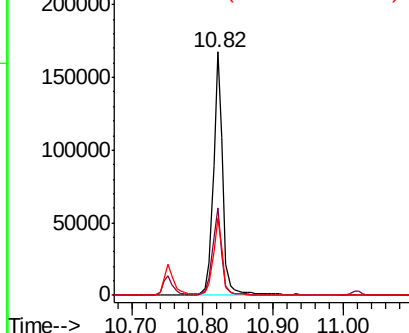
#67
Hexachlorobenzene
Concen: 38.386 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	23.9	35.9#
249	31.9	24.2	36.2

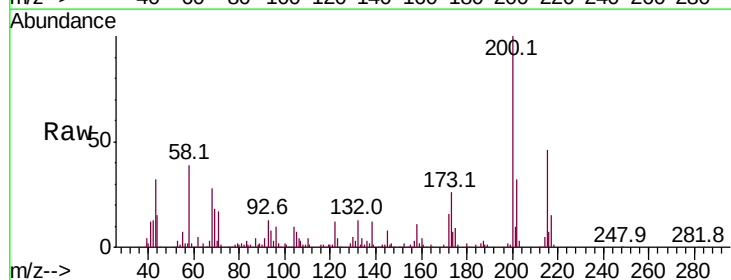


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

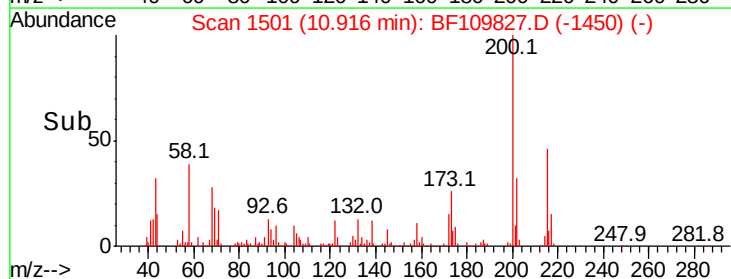
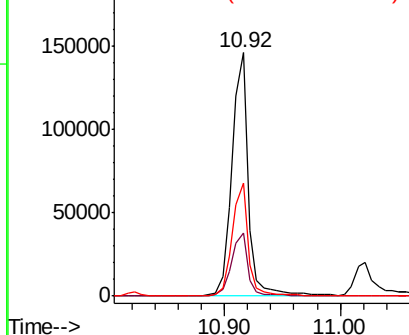


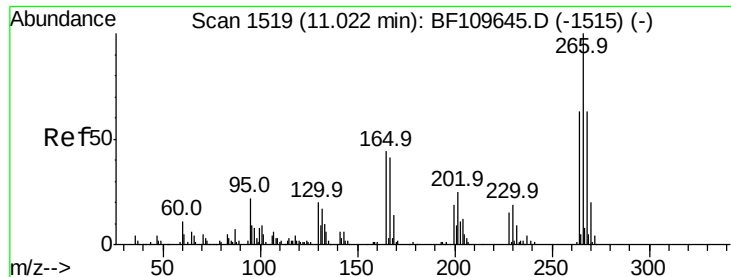
#68
Atrazine
Concen: 41.010 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	46.2	26.3	66.3



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

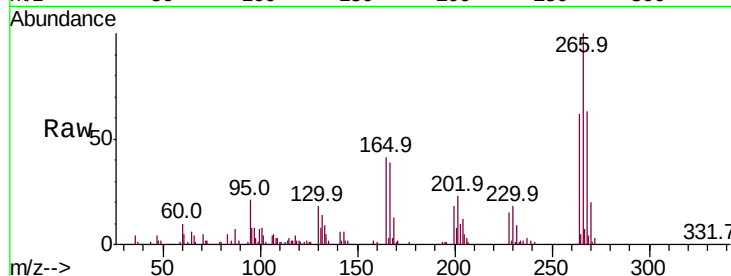




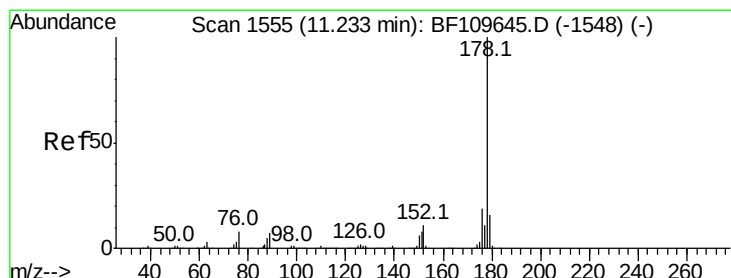
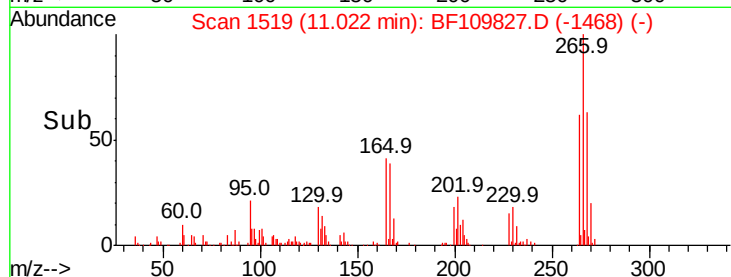
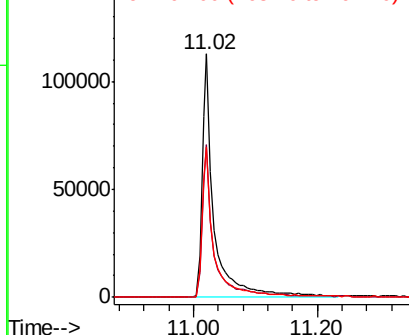
#69
 Pentachlorophenol
 Concen: 66.571 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	75.8
264	61.7	50.6	75.8

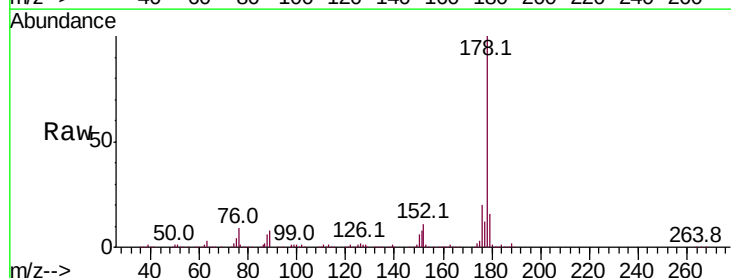


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

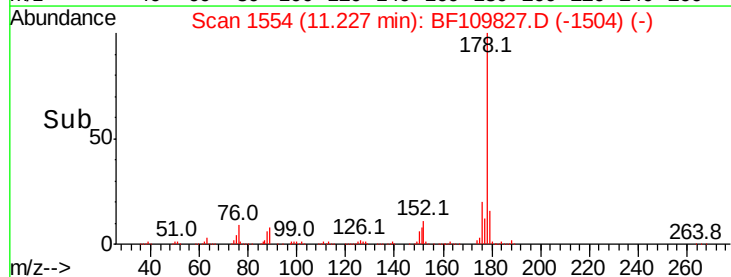
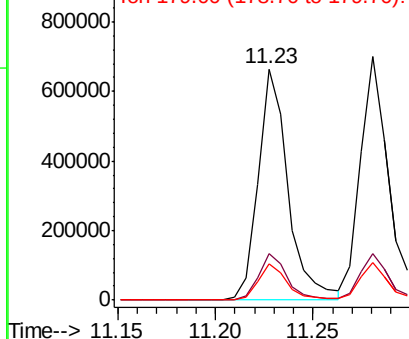


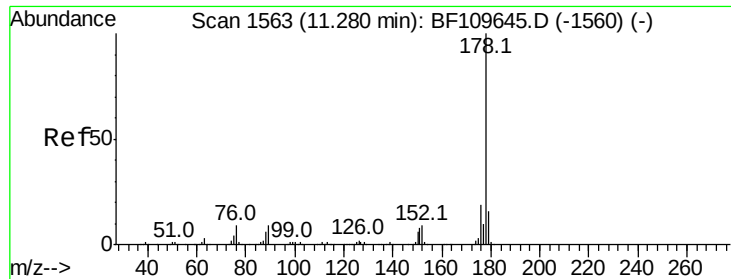
#70
 Phenanthrene
 Concen: 42.643 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.5	12.5	18.7



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

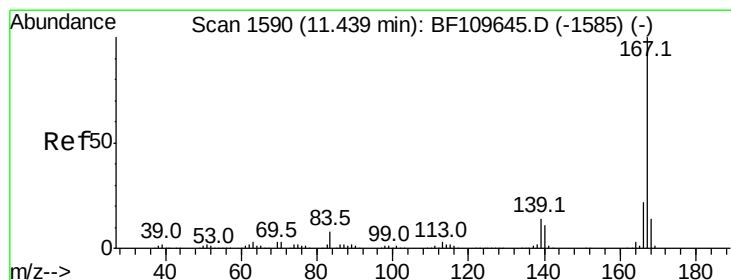
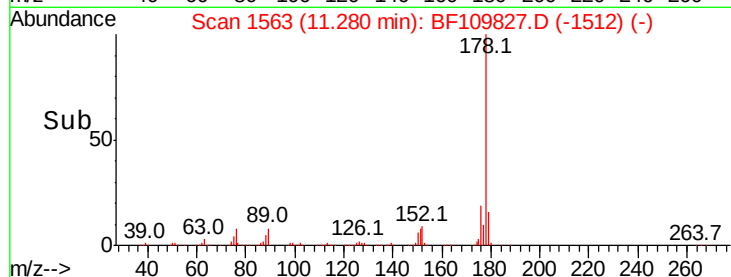
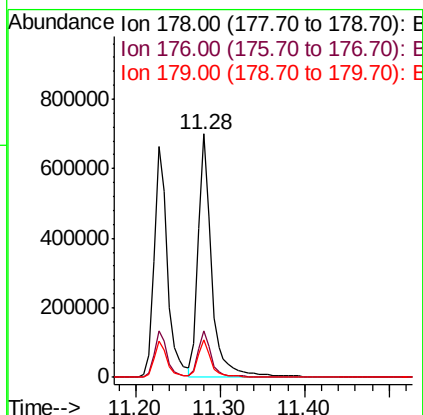
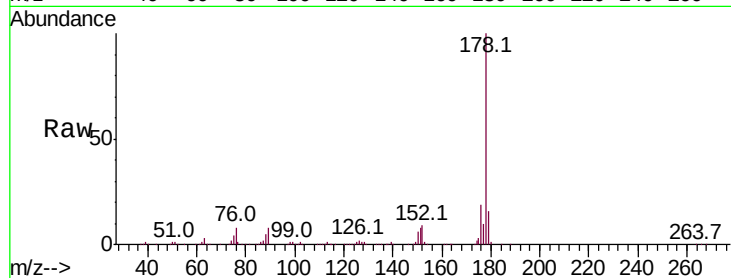




#71
 Anthracene
 Concen: 44.572 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

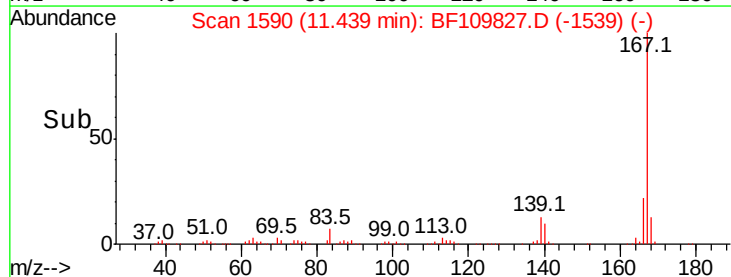
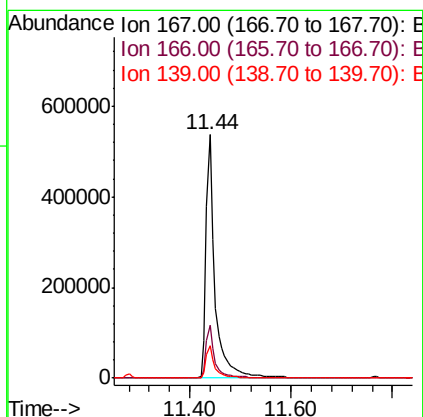
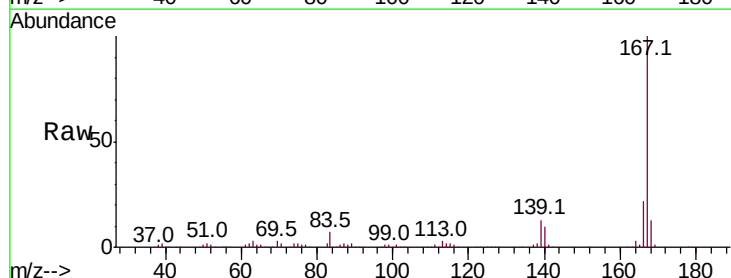
Instrument :
 BNA_F
 ClientSampled :

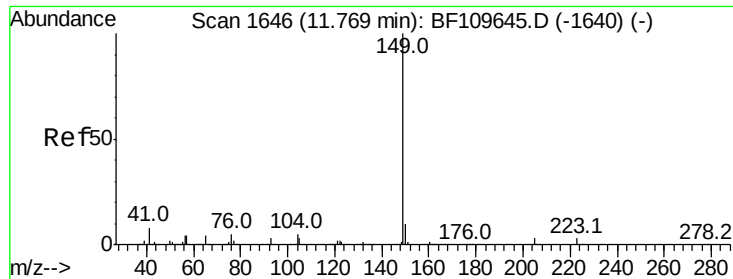
Tot Ion:178 Resp: 763439
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 18.8



#72
 Carbazole
 Concen: 40.106 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:167 Resp: 666249
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.1 10.9 16.3

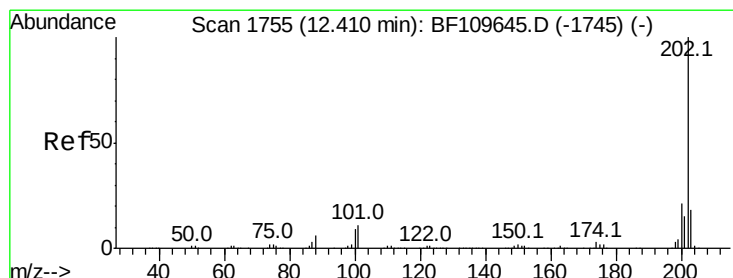
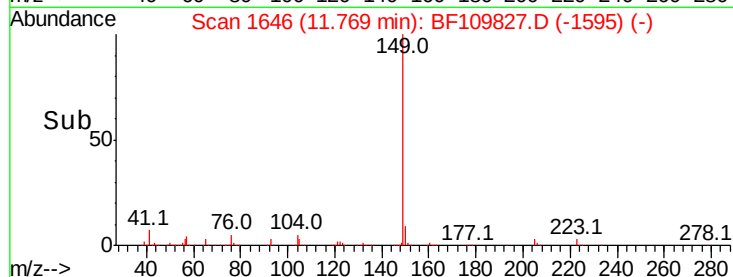
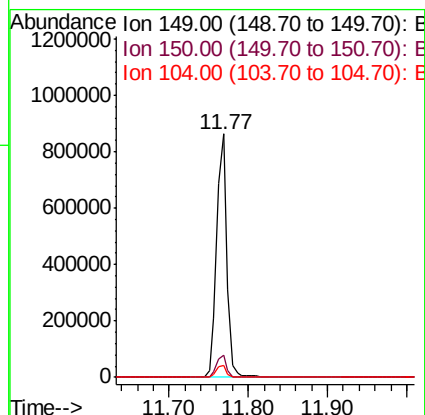
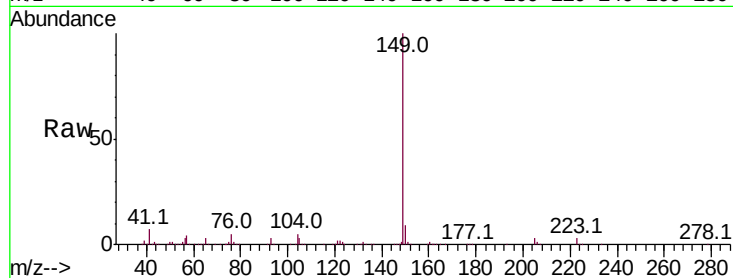




#73
Di-n-butylphthalate
Concen: 40.451 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

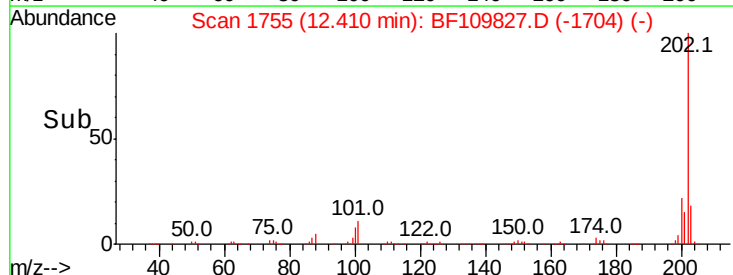
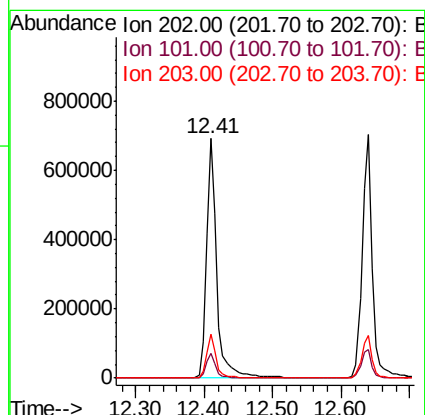
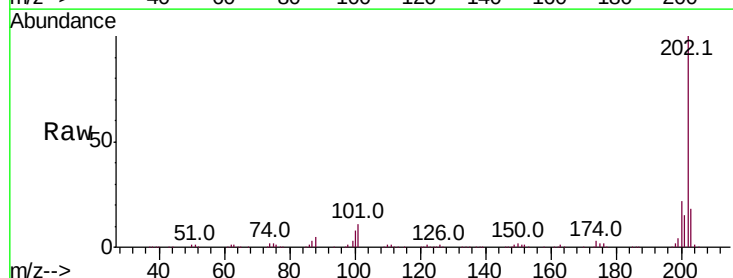
Instrument :
BNA_F
ClientSampled :

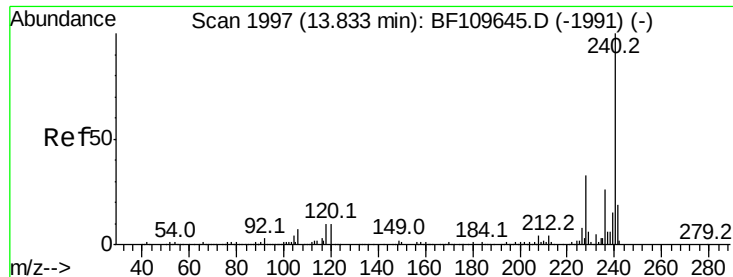
Tot Ion:149 Resp: 779402
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 42.775 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:202 Resp: 740440
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.1 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

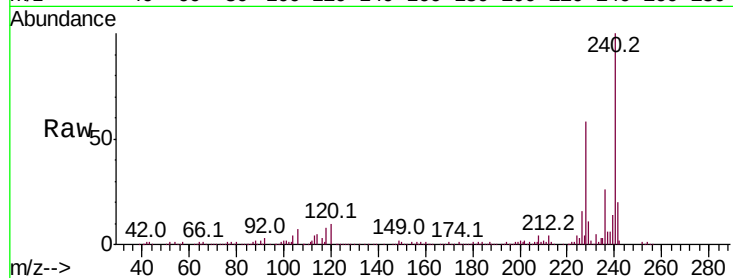
Tot Ion:240 Resp: 229952

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

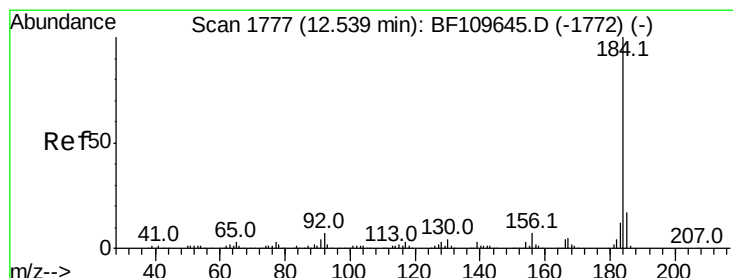
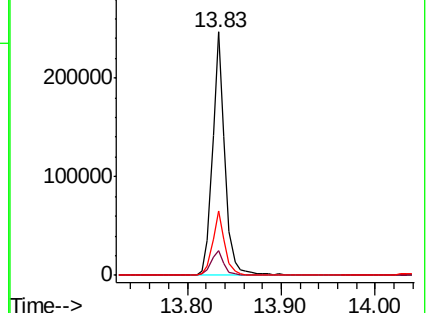
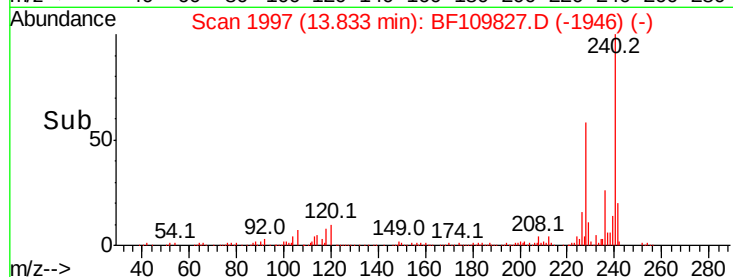
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.580 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

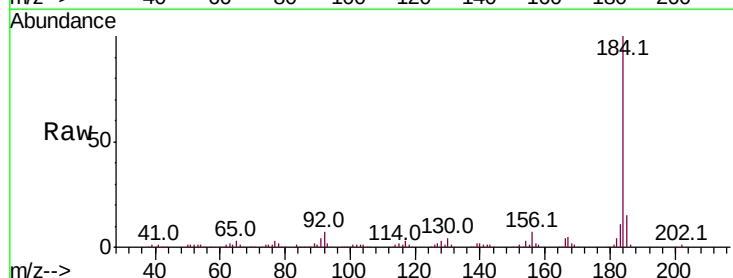
Tgt Ion:184 Resp: 380810

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

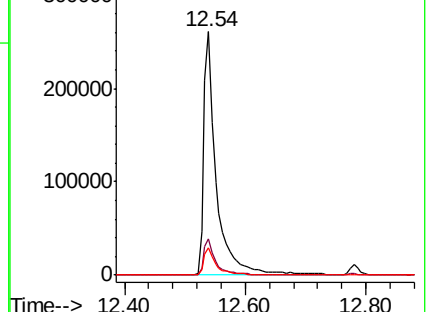
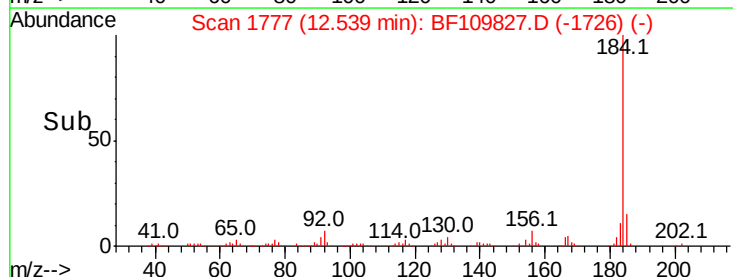
183 11.4 9.4 14.2

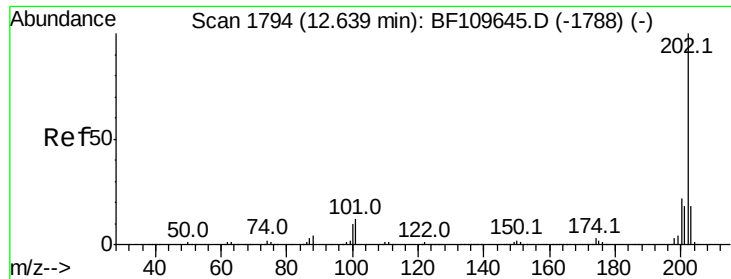


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

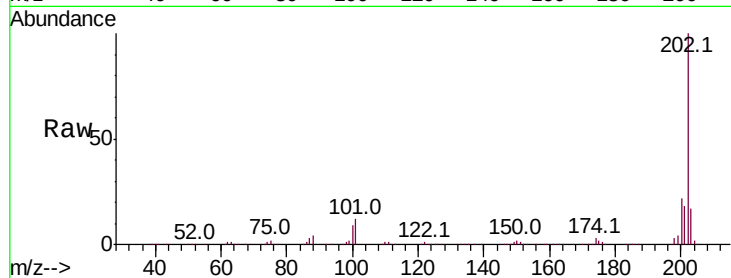




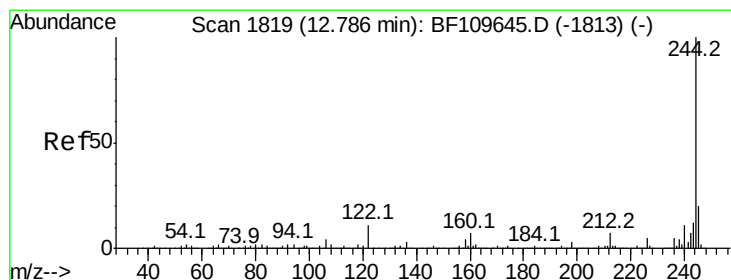
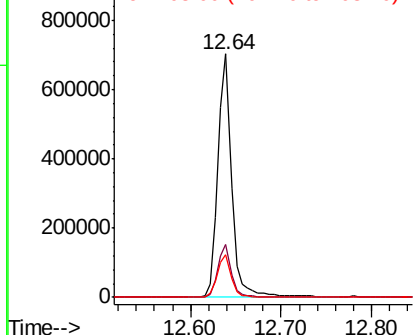
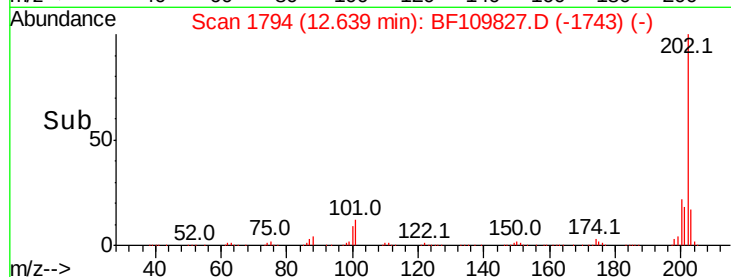
#77
Pvrene
Concen: 43.463 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 732247
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 17.4 14.2 21.4

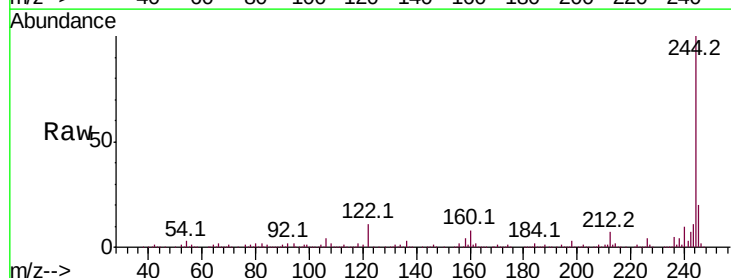


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

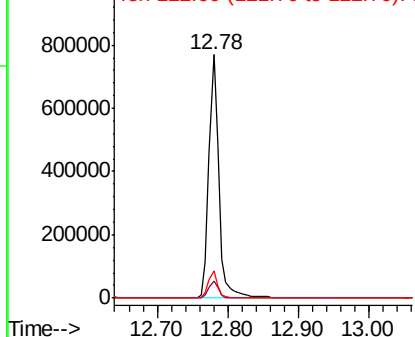
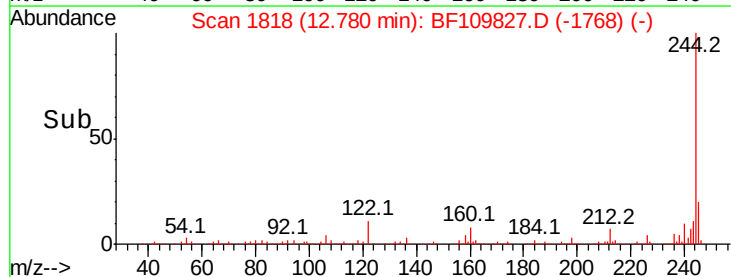


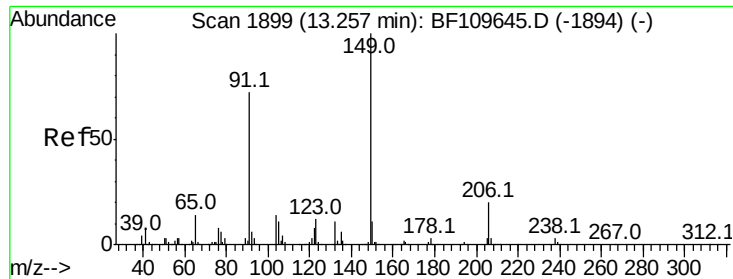
#78
Terphenyl-d14
Concen: 63.667 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:244 Resp: 756281
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.0 8.7 13.1



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

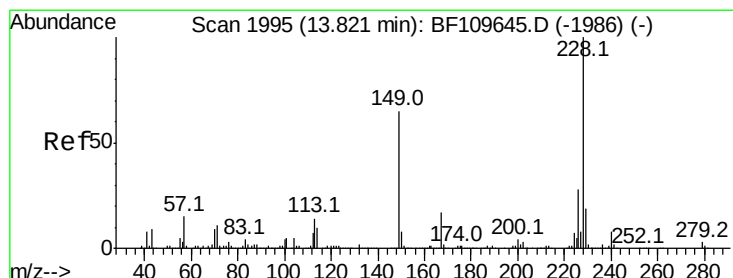
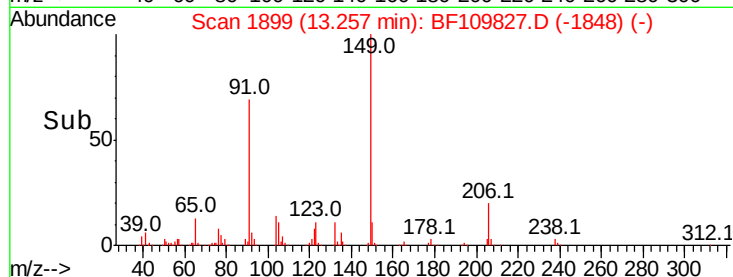
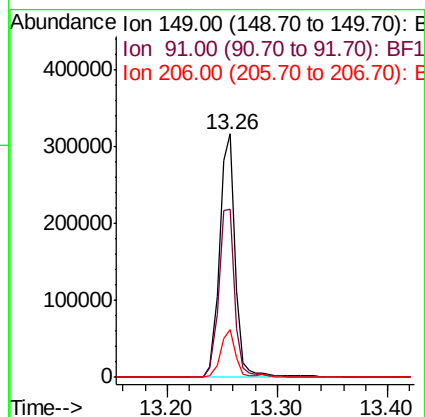
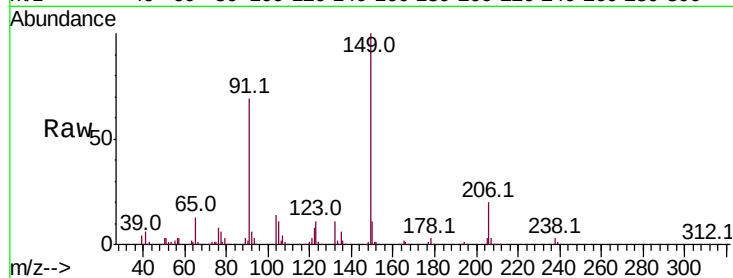




#79
Butylbenzylphthalate
Concen: 42.959 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

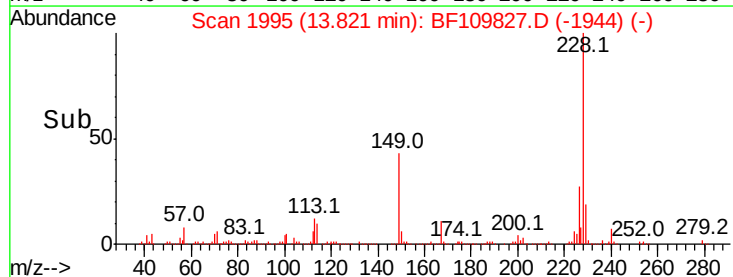
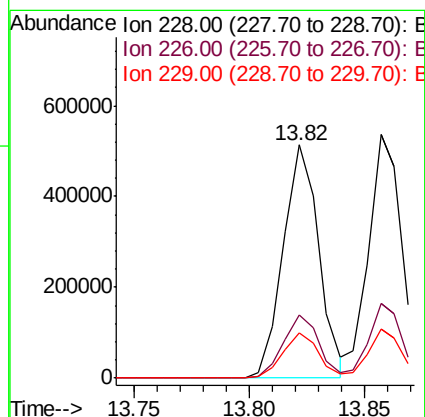
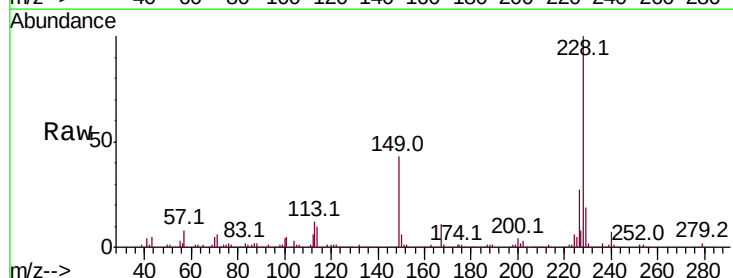
Instrument :
BNA_F
ClientSampleId :

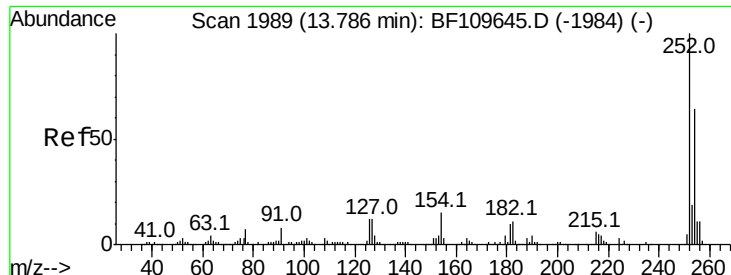
Tot Ion:149 Resp: 313790
Ion Ratio Lower Upper
149 100
91 68.8 57.2 85.8
206 19.6 15.7 23.5



#80
Benzo(a)anthracene
Concen: 43.167 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:228 Resp: 547780
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.4 15.6 23.4

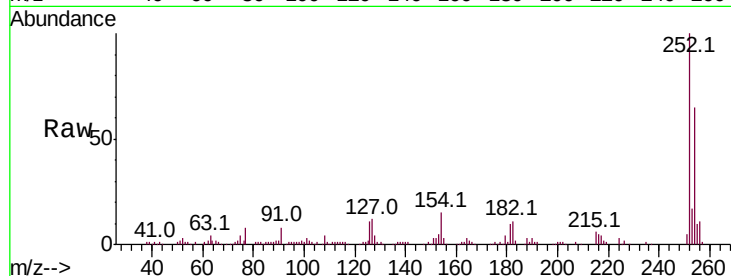




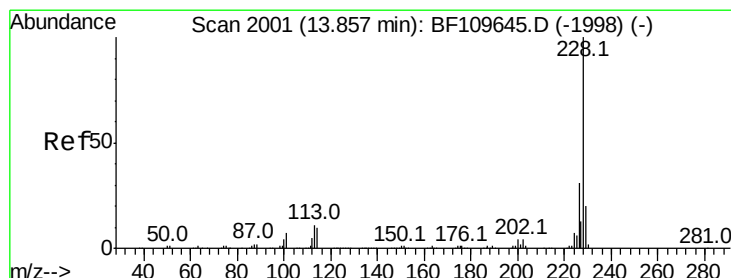
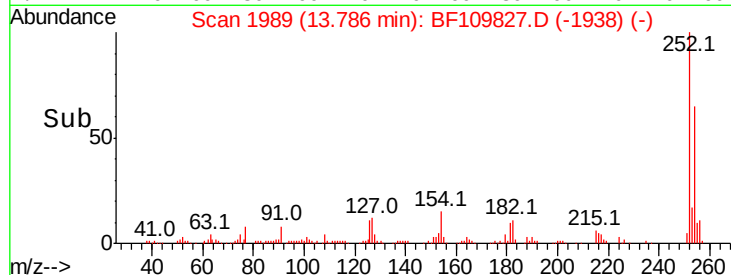
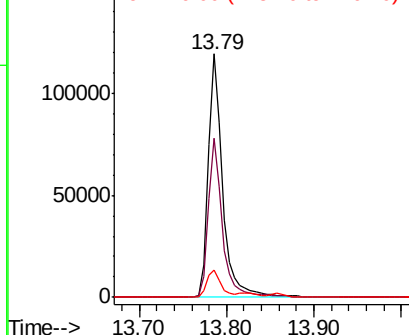
#81
 3,3'-Dichlorobenzidine
 Concen: 26.853 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 137208
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.3 76.9
 126 11.4 9.4 14.2

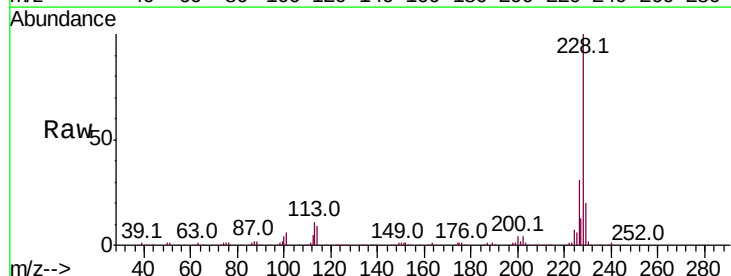


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

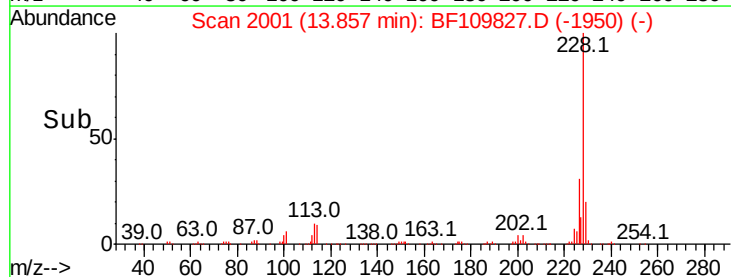
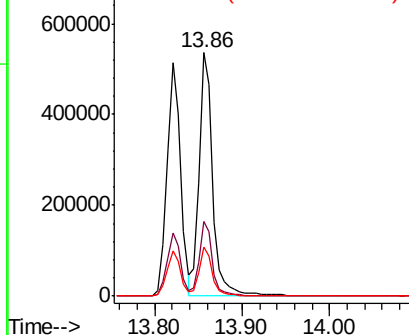


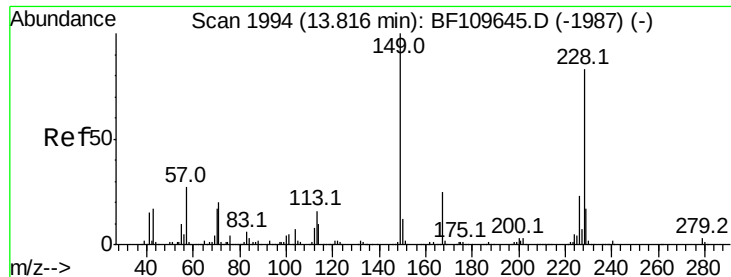
#82
 Chrysene
 Concen: 43.520 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:228 Resp: 580073
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.7 37.1
 229 20.3 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.367 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

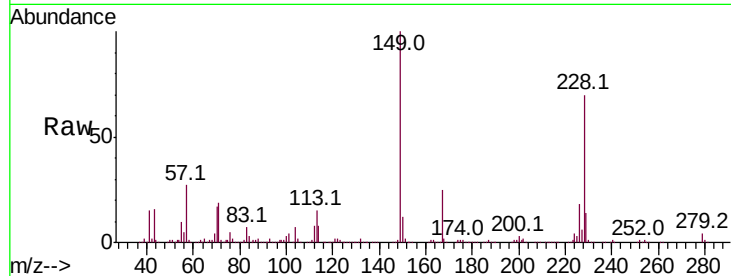
Tot Ion:149 Resp: 377557

Ion Ratio Lower Upper

149 100

167 25.2 19.8 29.8

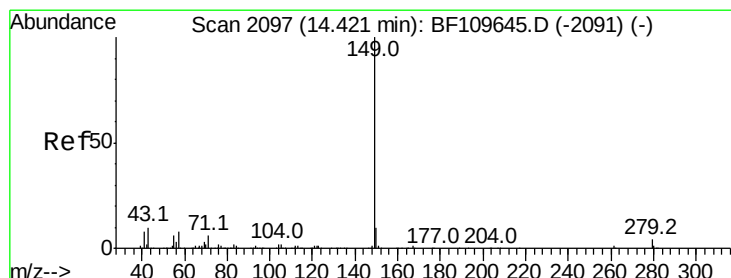
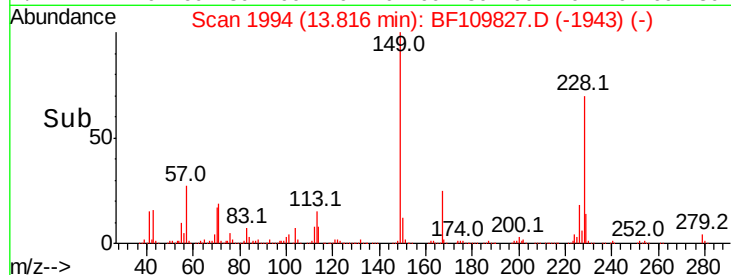
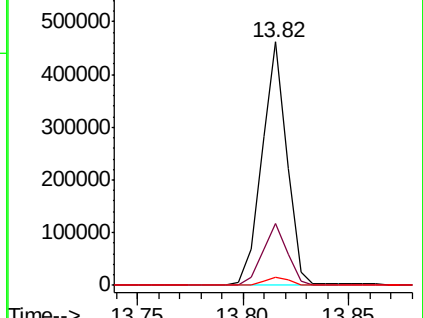
279 3.5 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.813 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

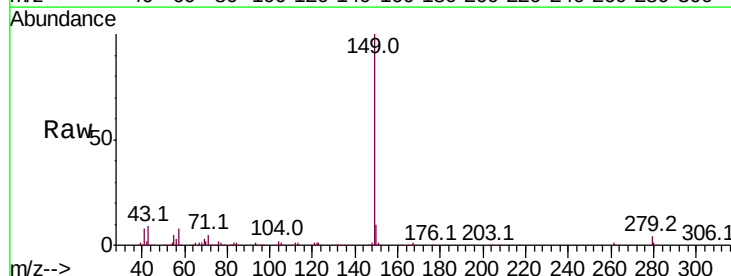
Tgt Ion:149 Resp: 603070

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

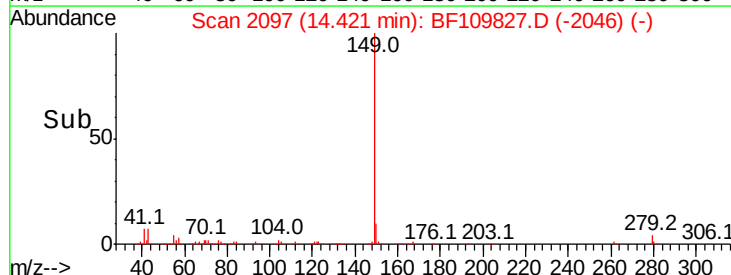
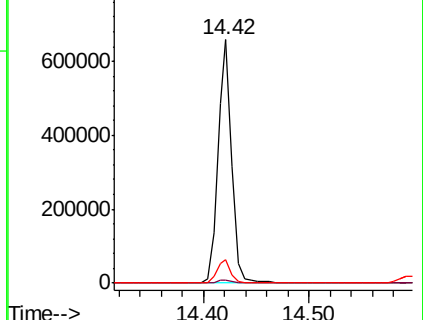
43 9.7 7.8 11.8

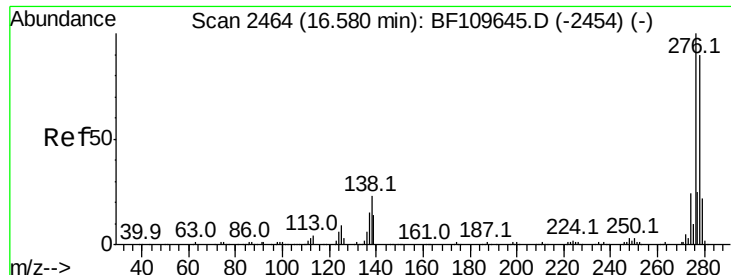


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

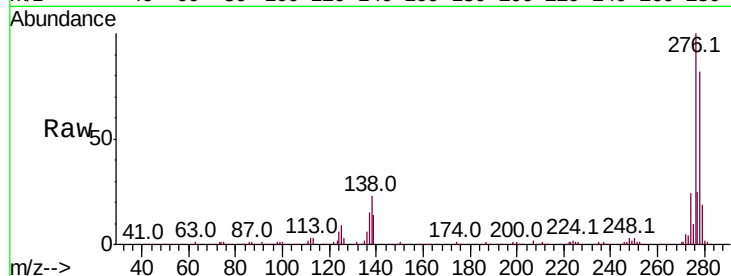




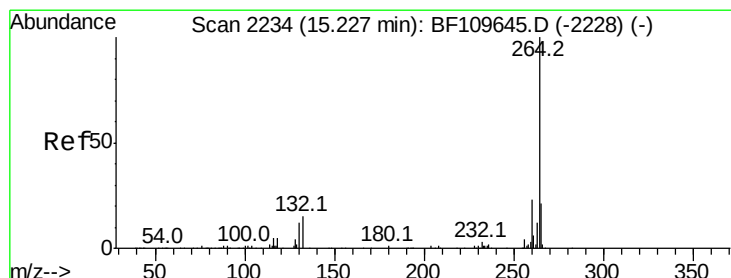
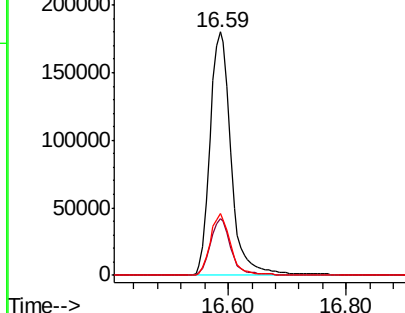
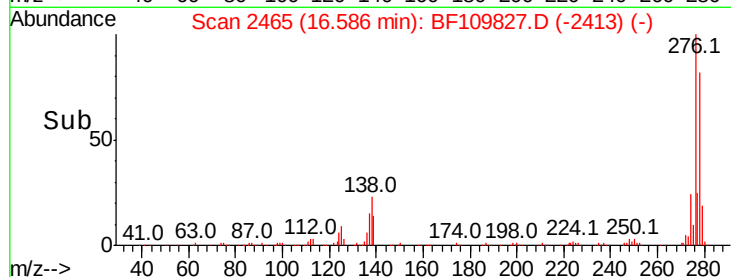
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.988 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 448289
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.5 27.7
 277 24.5 20.0 30.0

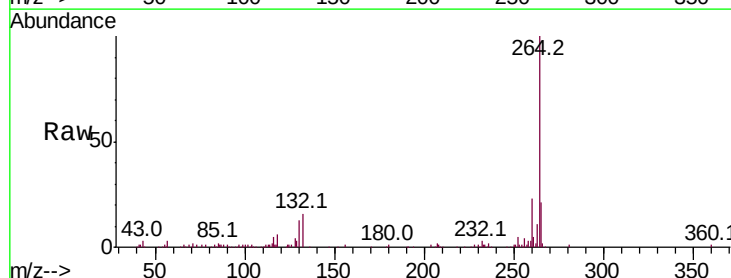


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

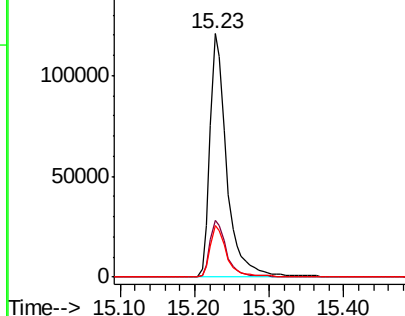
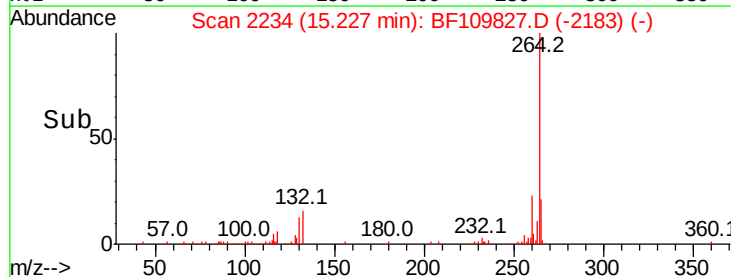


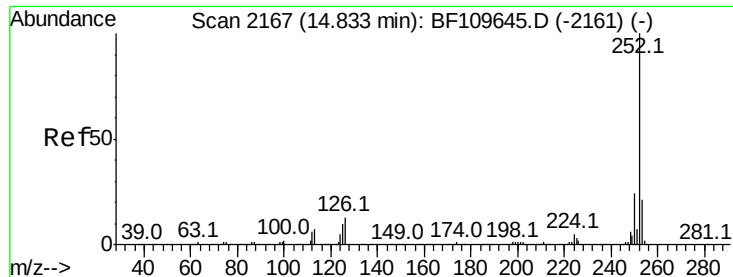
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109827.D
 Acq: 12 Oct 2018 12:18

Tgt Ion:264 Resp: 189646
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.3 16.7 25.1



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

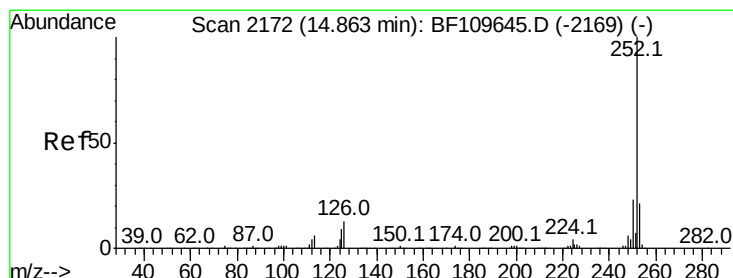
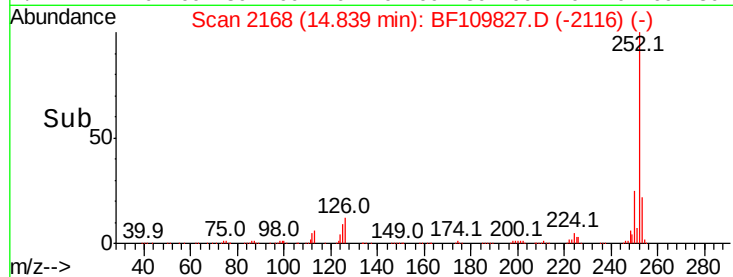
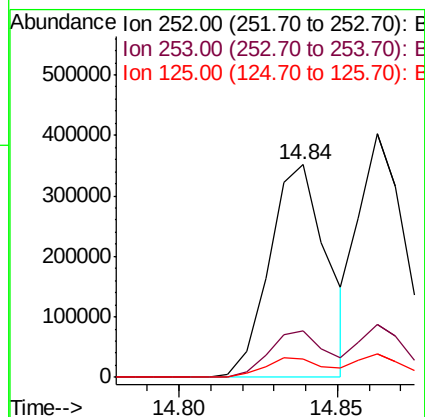
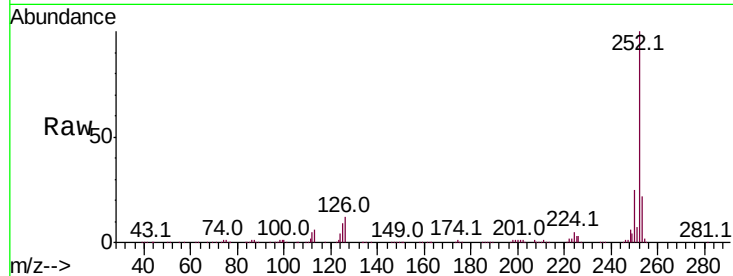




#87
Benzo(b)fluoranthene
Concen: 42.435 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

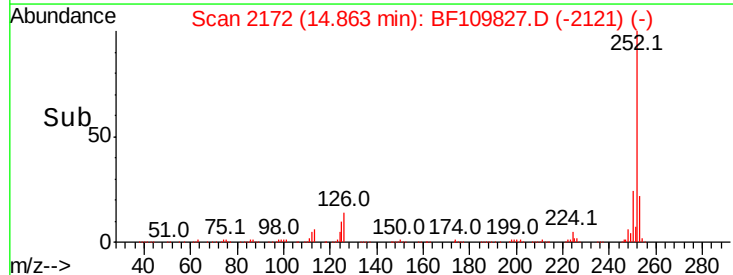
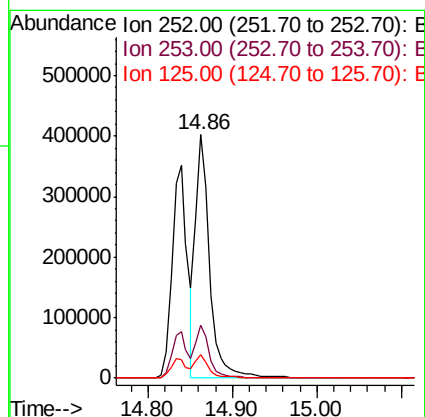
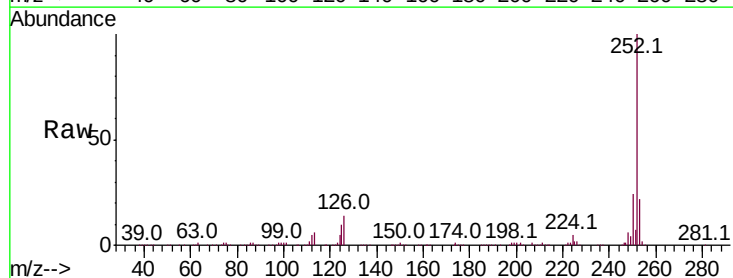
Instrument :
BNA_F
ClientSampleId :

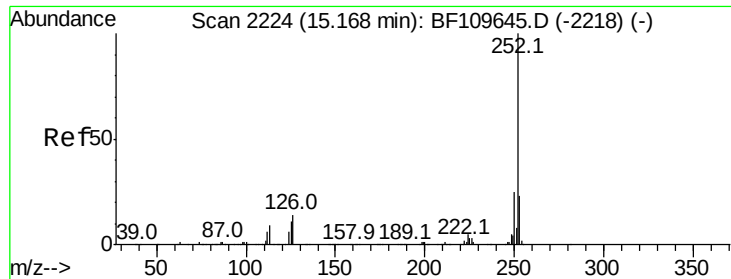
Tot Ion:252 Resp: 444729
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.7 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 43.556 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion:252 Resp: 458646
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.6 7.4 11.0

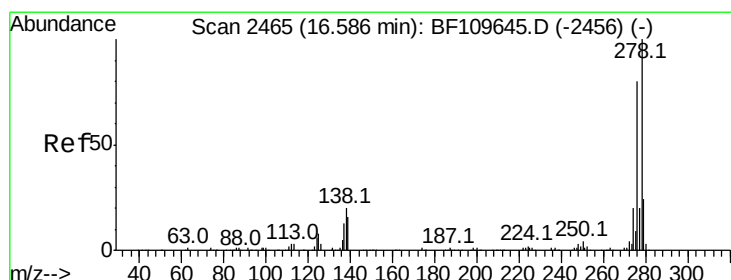
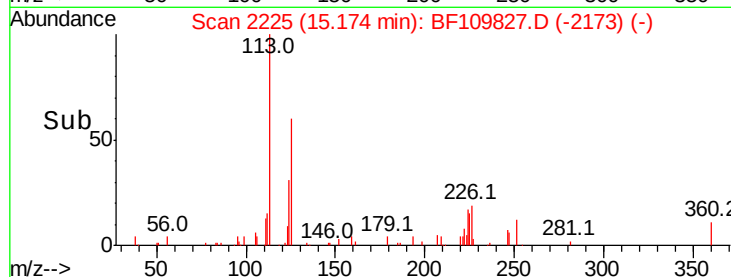
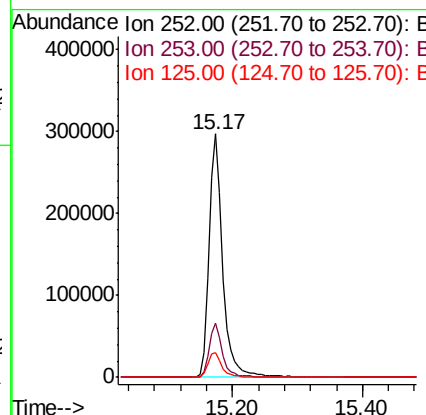
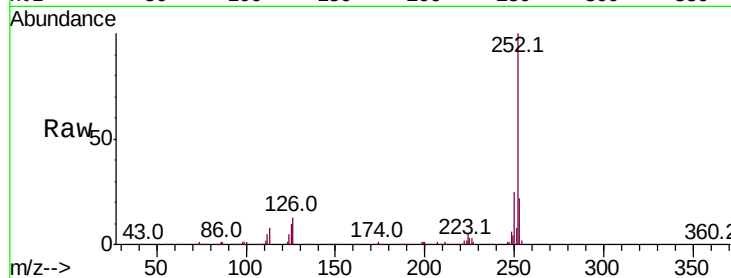




#89
Benzo(a)pyrene
Concen: 45.198 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

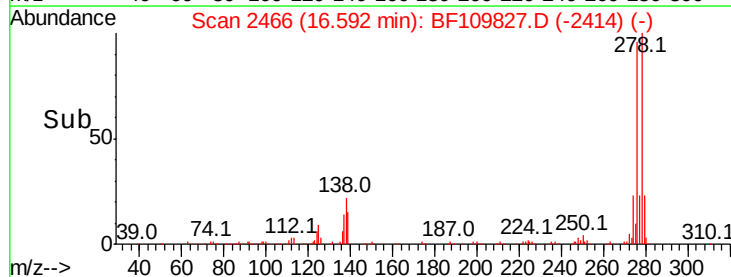
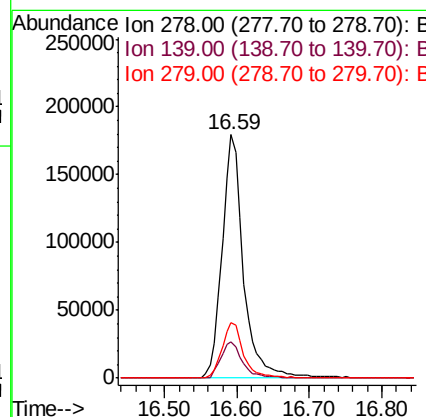
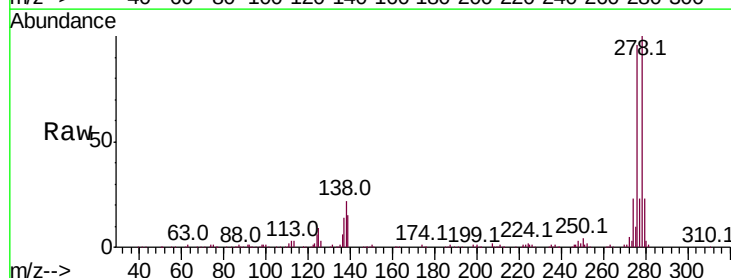
Instrument :
BNA_F
ClientSampleId :

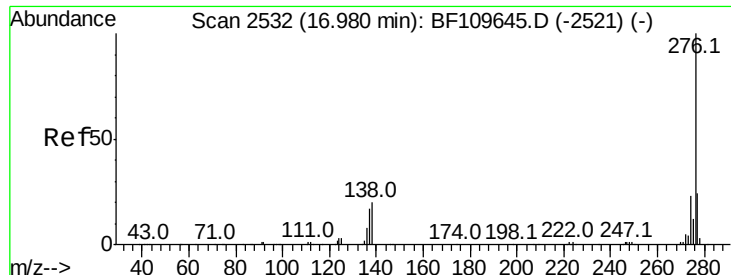
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.2	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 47.090 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109827.D
Acq: 12 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.572 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109827.D

Acq: 12 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

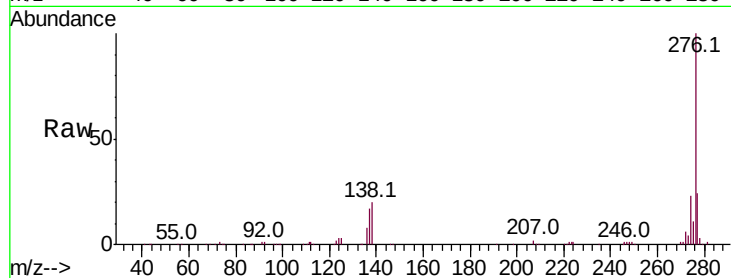
Tot Ion:276 Resp: 378850

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.7 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

