

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109646.D
 Acq On : 8 Oct 2018 14:22
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 08 14:58:13 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 14:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105741	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	443376	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	211258	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	394405	20.00	ng	0.00
75) Chrysene-d12	13.83	240	275128	20.00	ng	0.00
86) Perylene-d12	15.23	264	218433	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	629912	98.12	ng	0.00
7) Phenol-d6	6.36	99	784645	95.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	791372	105.36	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	222037	106.62	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1405778	100.36	ng	0.00
78) Terphenyl-d14	12.79	244	1345301	120.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	158403	53.574	ng	99
3) Pyridine	3.09	79	335290	44.060	ng	98
4) n-Nitrosodimethylamine	3.04	42	126216	38.973	ng	98
6) Aniline	6.37	93	479838	45.782	ng	94
8) 2-Chlorophenol	6.49	128	366016	51.269	ng	97
9) Benzaldehyde	6.25	77	260264	49.456	ng	98
10) Phenol	6.37	94	438473	47.263	ng	91
11) bis(2-Chloroethyl)ether	6.44	93	337750	46.526	ng	99
12) 1,3-Dichlorobenzene	6.64	146	413005	50.245	ng	99
13) 1,4-Dichlorobenzene	6.72	146	441254	53.285	ng	99
14) 1,2-Dichlorobenzene	6.87	146	378327	49.525	ng	99
15) Benzyl Alcohol	6.86	79	300375	47.902	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	479072	46.526	ng	93
17) 2-Methylphenol	6.97	107	286969	49.678	ng	96
18) Hexachloroethane	7.21	117	154720	53.032	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	268751	50.066	ng	99
20) 3+4-Methylphenols	7.13	107	356915	51.176	ng	95
22) Acetophenone	7.12	105	526056	51.319	ng	# 99
24) Nitrobenzene	7.29	77	412269	51.624	ng	98
25) Isophorone	7.53	82	645827	47.750	ng	99
26) 2-Nitrophenol	7.60	139	199914	63.299	ng	96
27) 2,4-Dimethylphenol	7.65	122	280351	47.572	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	439557	49.095	ng	100
29) 2,4-Dichlorophenol	7.85	162	319643	51.624	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	342075	49.442	ng	99
31) Naphthalene	8.00	128	984104	47.498	ng	99
32) Benzoic acid	7.82	122	226254	62.562	ng	96
33) 4-Chloroaniline	8.06	127	436751	48.254	ng	99
34) Hexachlorobutadiene	8.12	225	213489	51.185	ng	98
35) Caprolactam	8.45	113	96411	48.770	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	328036	50.347	ng	96
37) 2-Methylnaphthalene	8.69	142	638965	47.839	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	343531	51.095	ng	100
40) Hexachlorocyclopentadiene	8.85	237	143205	48.833	ng	99

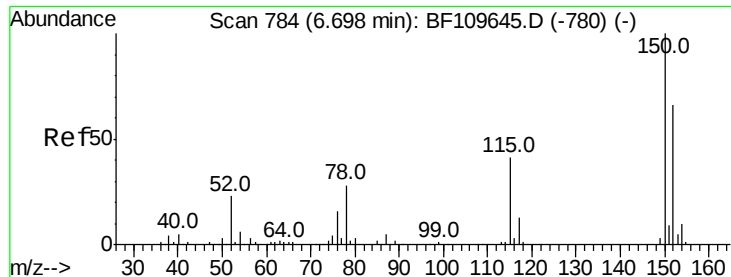
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	214615	49.736	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	239851	52.630	ng	98
45) 1,1'-Biphenyl	9.16	154	890813	51.754	ng	99
46) 2-Chloronaphthalene	9.18	162	674850	49.077	ng	99
47) 2-Nitroaniline	9.29	65	211123	54.154	ng	94
48) Acenaphthylene	9.59	152	968976	46.711	ng	99
49) Dimethylphthalate	9.46	163	738564	48.066	ng	100
50) 2,6-Dinitrotoluene	9.52	165	165125	54.261	ng	93
51) Acenaphthene	9.76	154	570378	45.478	ng	99
52) 3-Nitroaniline	9.70	138	182565	51.803	ng	98
53) 2,4-Dinitrophenol	9.80	184	58391	67.298	ng	93
54) Dibenzofuran	9.94	168	852841	45.724	ng	98
55) 4-Nitrophenol	9.87	139	107984	40.674	ng	97
56) 2,4-Dinitrotoluene	9.93	165	203563	52.867	ng	96
57) Fluorene	10.28	166	634138	47.650	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	186447	51.670	ng	96
59) Diethylphthalate	10.16	149	720455	46.302	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	331930	47.753	ng	99
61) 4-Nitroaniline	10.32	138	174582	50.796	ng	100
62) Azobenzene	10.43	77	731941	45.276	ng	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	96703	67.864	ng	87
65) n-Nitrosodiphenylamine	10.39	169	633177	48.590	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	218135	49.806	ng	98
67) Hexachlorobenzene	10.83	284	234823	50.483	ng	98
68) Atrazine	10.92	200	197309	49.233	ng	99
69) Pentachlorophenol	11.02	266	140817	50.581	ng	99
70) Phenanthrene	11.23	178	921304	46.784	ng	99
71) Anthracene	11.29	178	959634	48.045	ng	100
72) Carbazole	11.44	167	931098	46.853	ng	99
73) Di-n-butylphthalate	11.77	149	1078998	47.164	ng	100
74) Fluoranthene	12.42	202	955829	45.419	ng	97
76) Benzidine	12.54	184	492728	49.672	ng	99
77) Pyrene	12.64	202	980155	49.709	ng	99
79) Butylbenzylphthalate	13.26	149	438465	52.268	ng	98
80) Benzo(a)anthracene	13.82	228	720471	43.476	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	292908	46.508	ng	100
82) Chrysene	13.86	228	777118	47.313	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	520393	49.188	ng	99
84) Di-n-octyl phthalate	14.42	149	816293	45.126	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	554313	41.635	ng	99
87) Benzo(b)fluoranthene	14.83	252	619302	51.597	ng	99
88) Benzo(k)fluoranthene	14.86	252	561626	49.310	ng	98
89) Benzo(a)pyrene	15.17	252	532132	49.201	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	460126	51.857	ng	98
91) Benzo(g,h,i)perylene	16.98	276	474445	54.406	ng	99

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

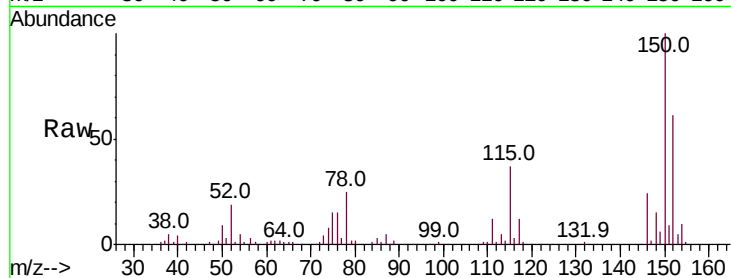


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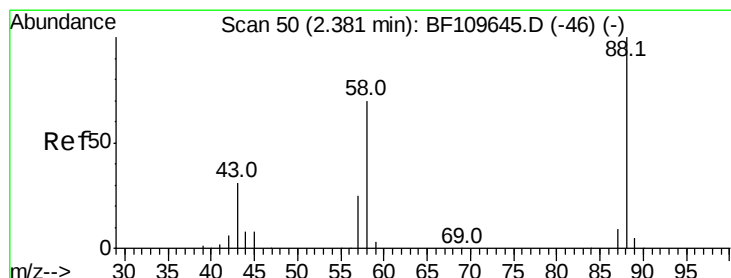
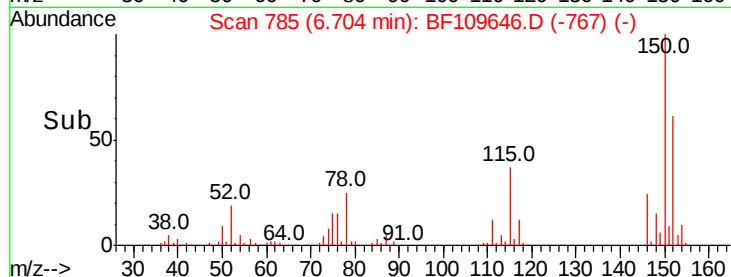
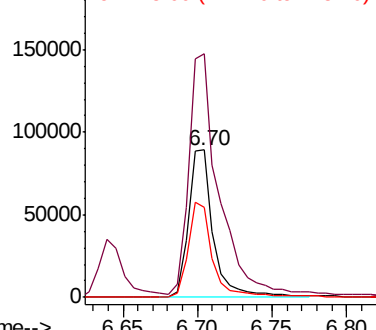
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:152 Resp: 105741
Ion Ratio Lower Upper
152 100
150 165.3 122.7 184.1
115 60.8 49.1 73.7



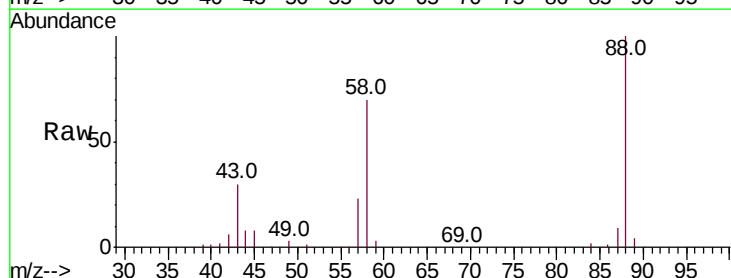
Abundance Ion 152.00 (151.70 to 152.70): E
200000
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



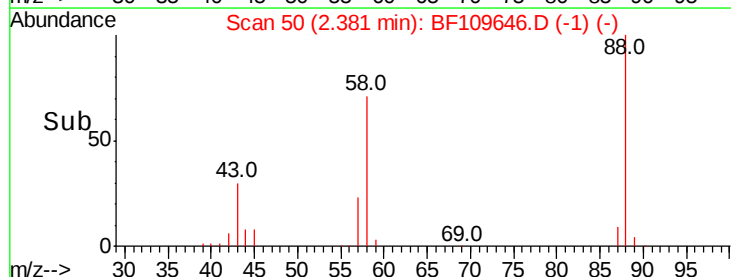
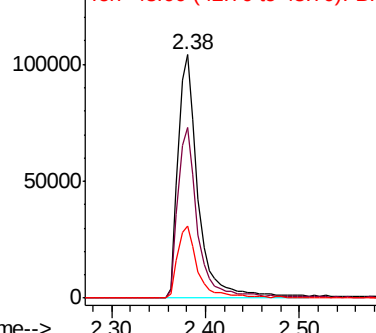
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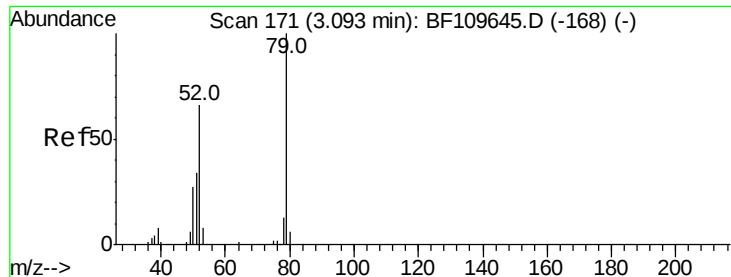
1,4-Dioxane
Concen: 53.574 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion: 88 Resp: 158403
Ion Ratio Lower Upper
88 100
58 70.0 57.1 85.7
43 30.3 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
100000
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.060 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

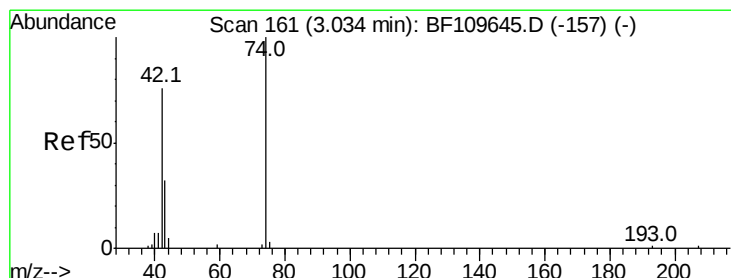
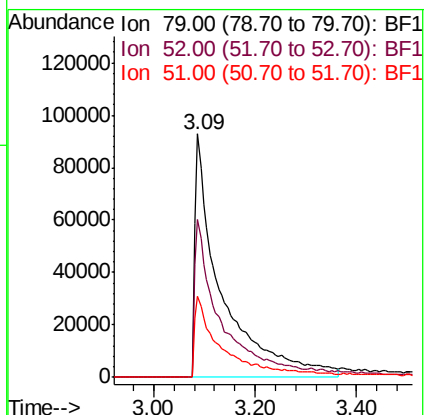
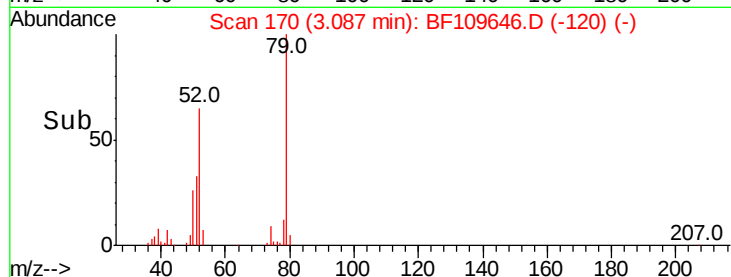
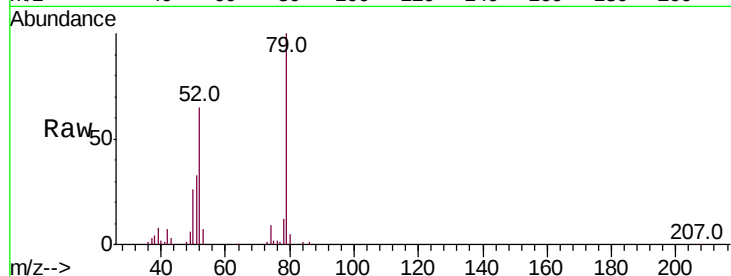
Tot Ion: 79 Resp: 335290

Ion Ratio Lower Upper

79 100

52 64.6 53.1 79.7

51 33.2 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.973 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

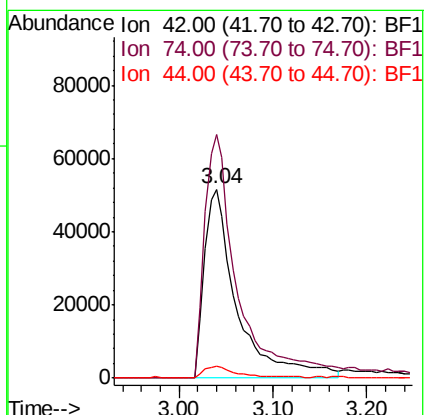
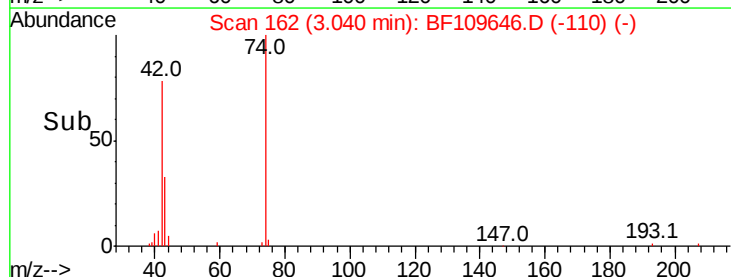
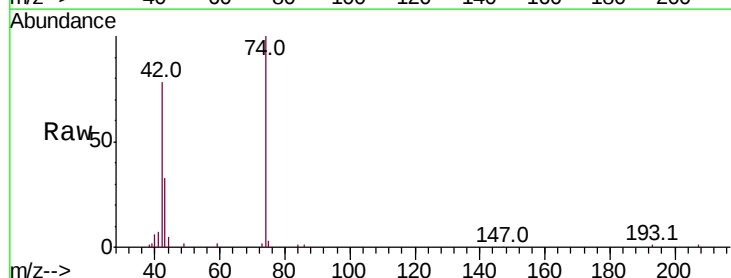
Tgt Ion: 42 Resp: 126216

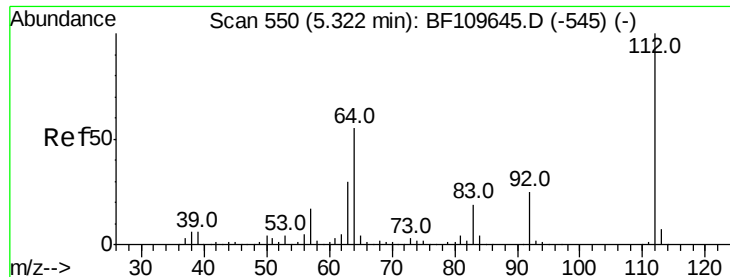
Ion Ratio Lower Upper

42 100

74 129.0 105.5 158.3

44 6.0 4.9 7.3

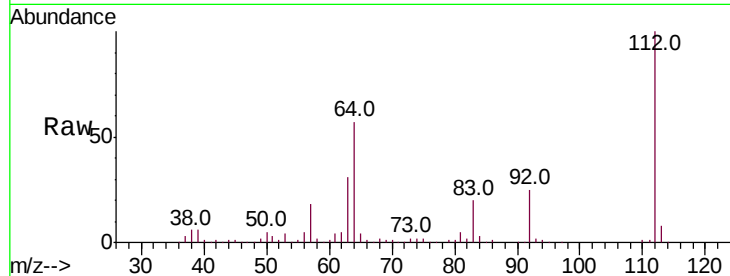




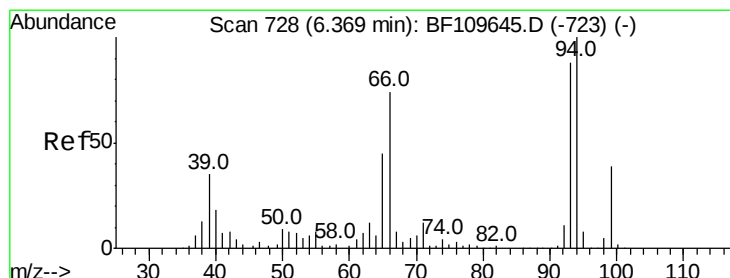
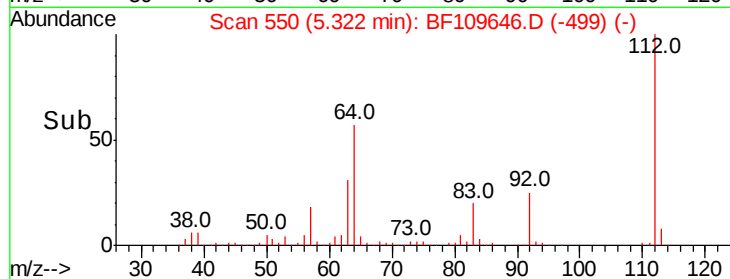
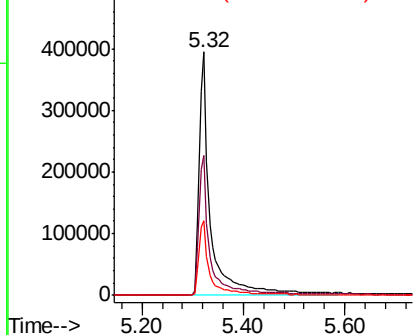
#5
2-Fluorophenol
Concen: 98.118 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:112 Resp: 629912
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 30.7 23.7 35.5

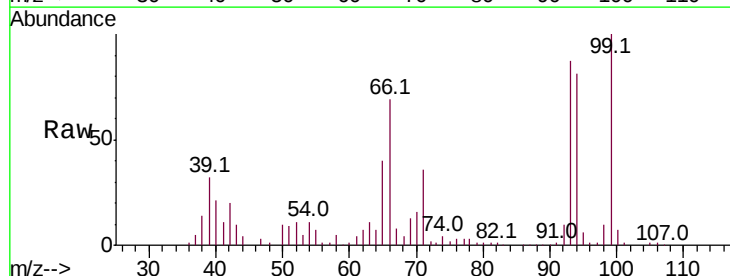


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

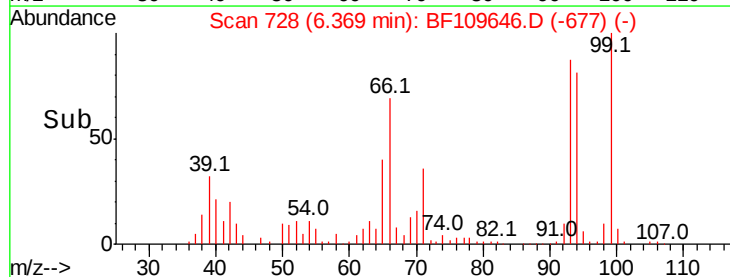
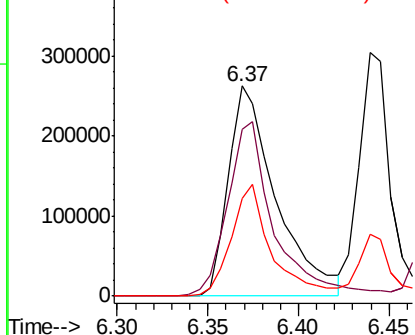


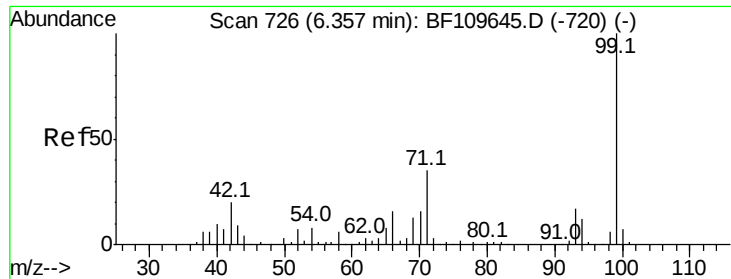
#6
Aniline
Concen: 45.782 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion: 93 Resp: 479838
Ion Ratio Lower Upper
93 100
66 79.4 67.4 101.0
65 46.6 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: 95.781 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

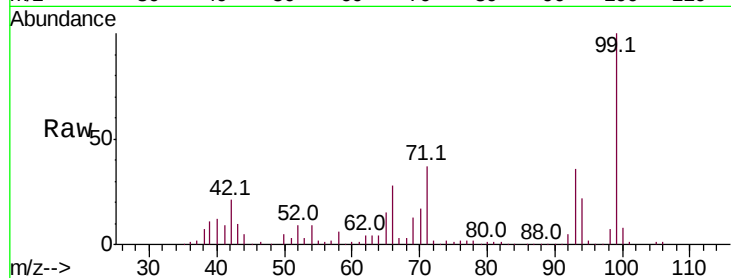
Tot Ion: 99 Resp: 784645

Ion Ratio Lower Upper

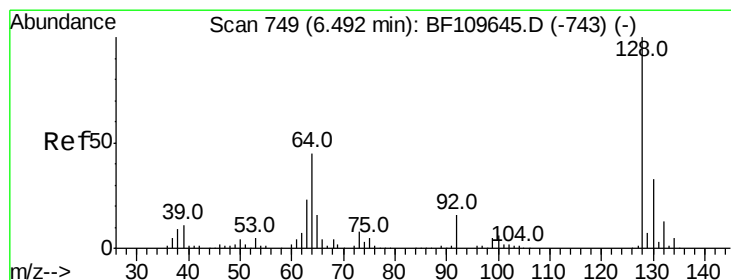
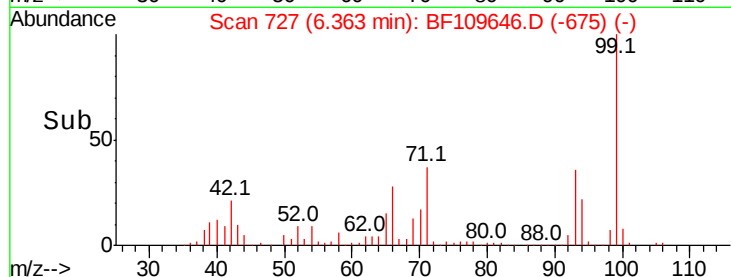
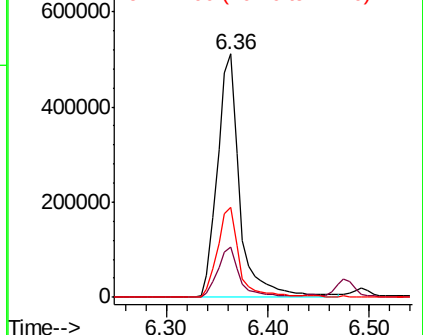
99 100

42 20.6 15.8 23.6

71 37.0 28.0 42.0



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



#8

2-Chlorophenol

Concen: 51.269 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

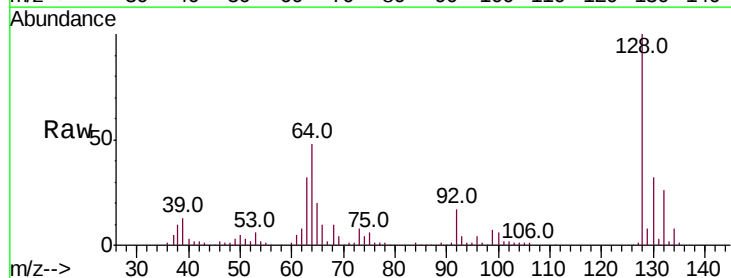
Tgt Ion:128 Resp: 366016

Ion Ratio Lower Upper

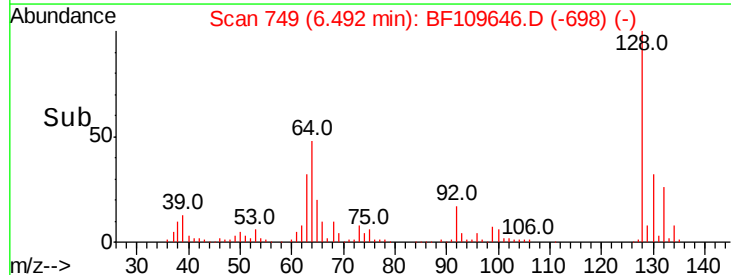
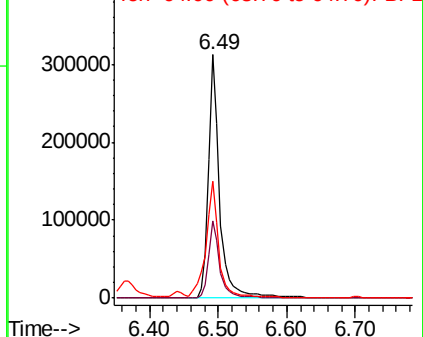
128 100

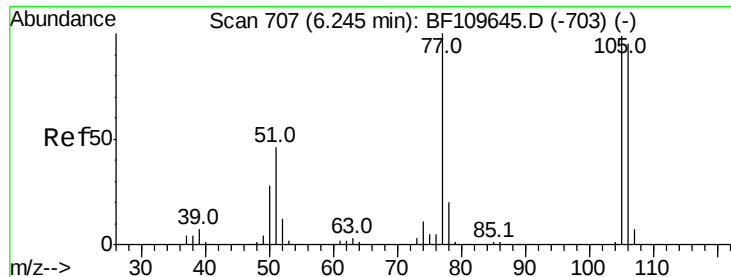
130 31.7 13.1 53.1

64 48.1 26.0 66.0



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

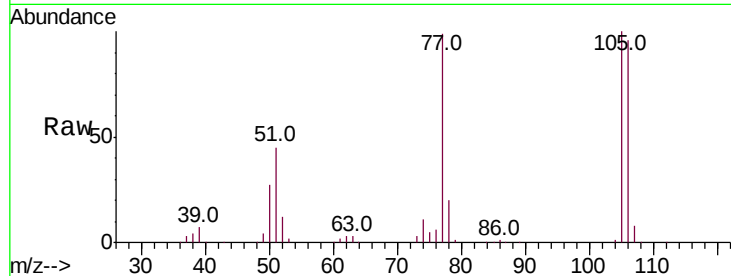




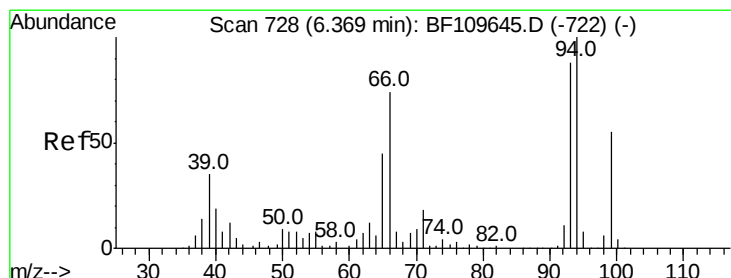
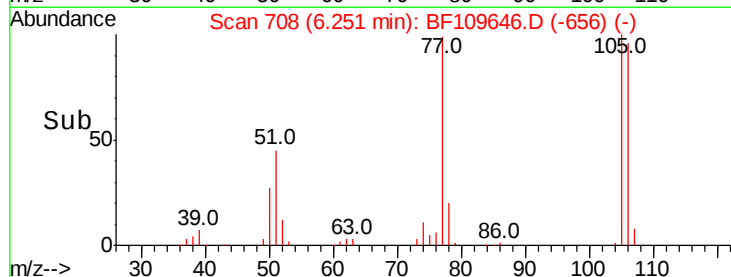
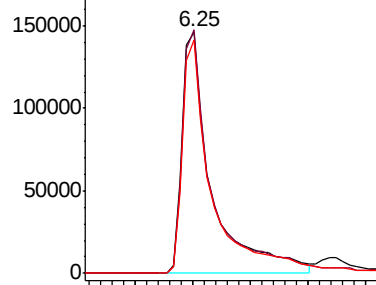
#9
Benzaldehyde
Concen: 49.456 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 77 Resp: 260264
Ion Ratio Lower Upper
77 100
105 100.8 78.6 118.6
106 96.8 74.8 114.8

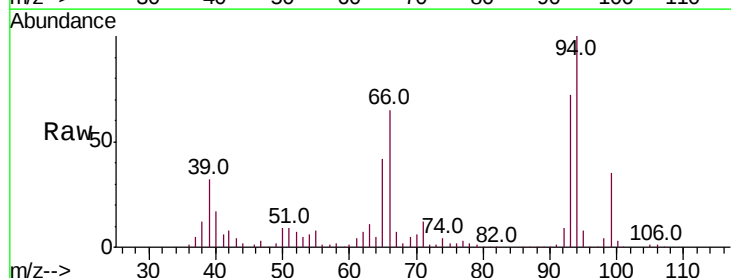


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

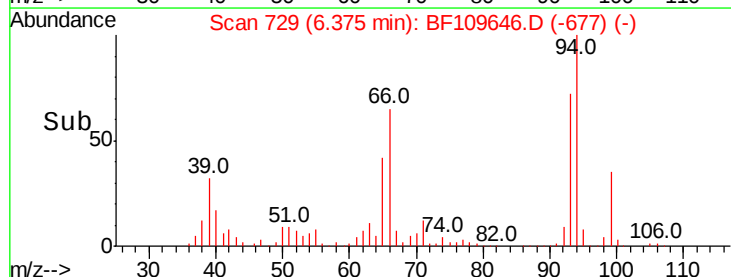
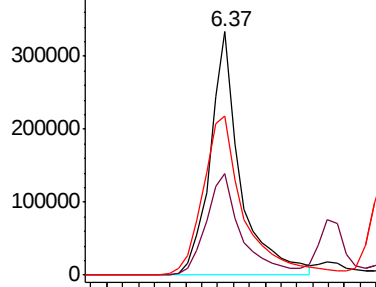


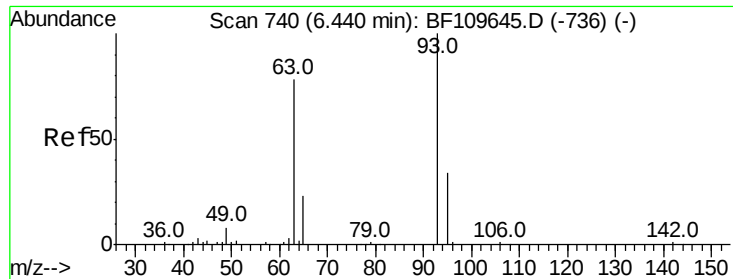
#10
Phenol
Concen: 47.263 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion: 94 Resp: 438473
Ion Ratio Lower Upper
94 100
65 41.8 25.3 65.3
66 65.5 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: 46.526 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

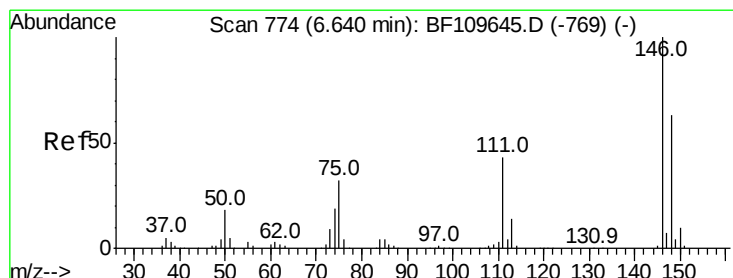
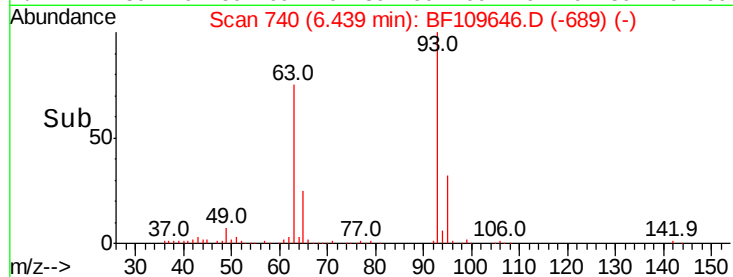
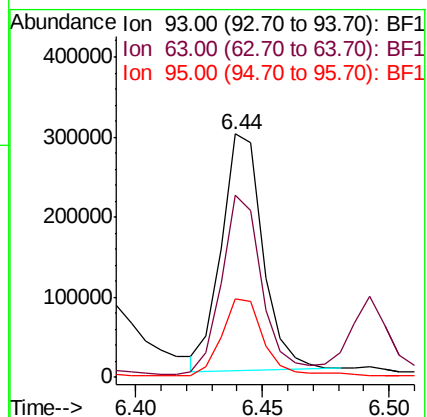
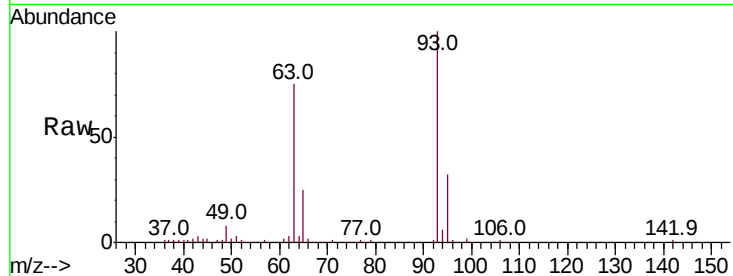
Tot Ion: 93 Resp: 337750

Ion Ratio Lower Upper

93 100

63 74.8 53.4 93.4

95 32.2 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 50.245 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

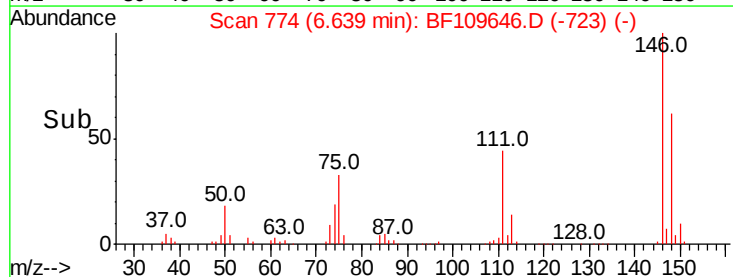
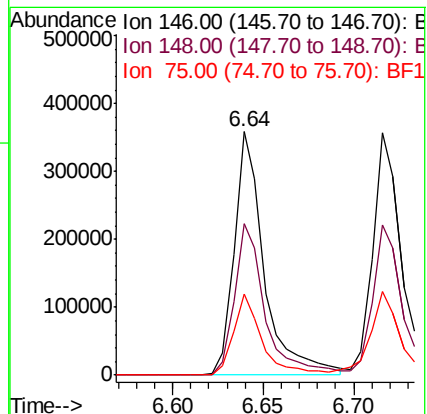
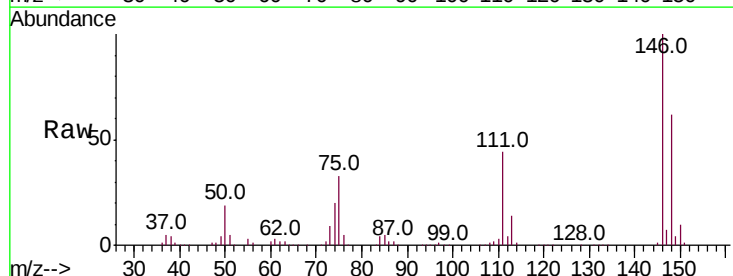
Tgt Ion: 146 Resp: 413005

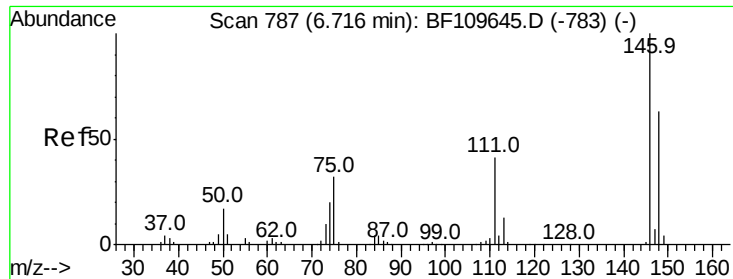
Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

75 33.1 25.8 38.6

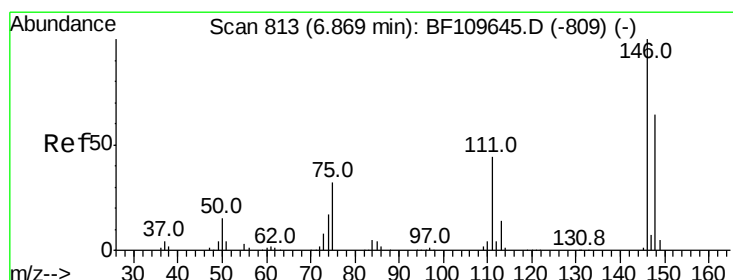
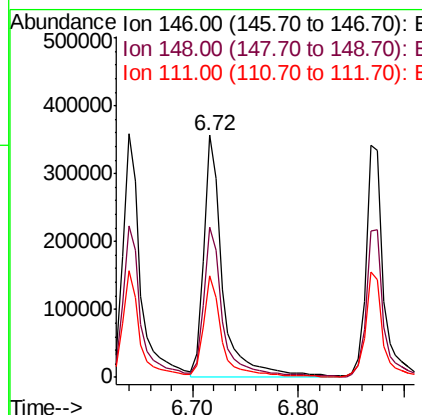
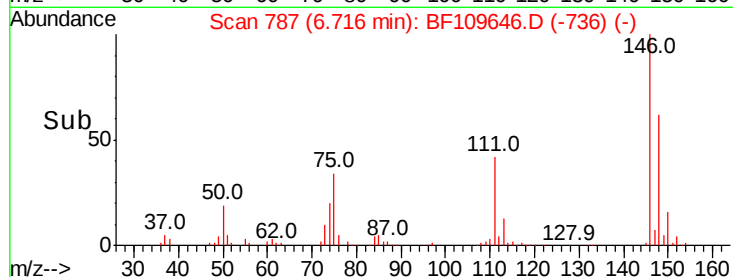
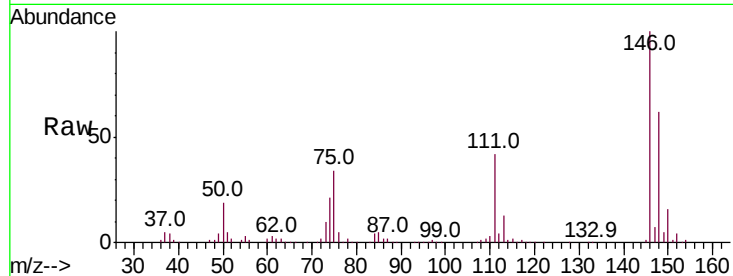




#13
 1,4-Dichlorobenzene
 Concen: 53.285 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

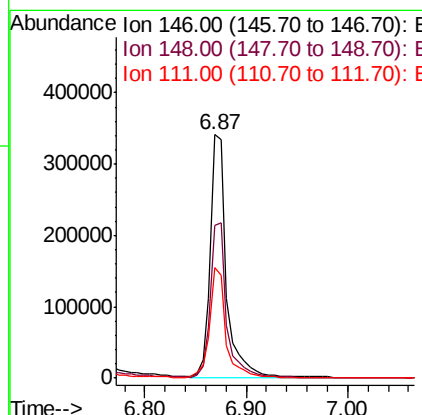
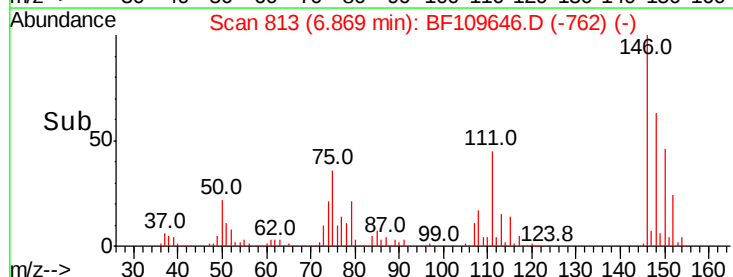
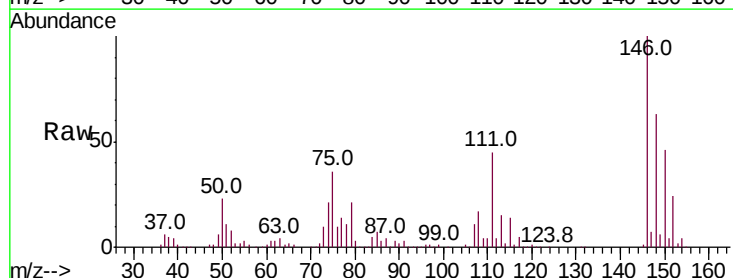
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

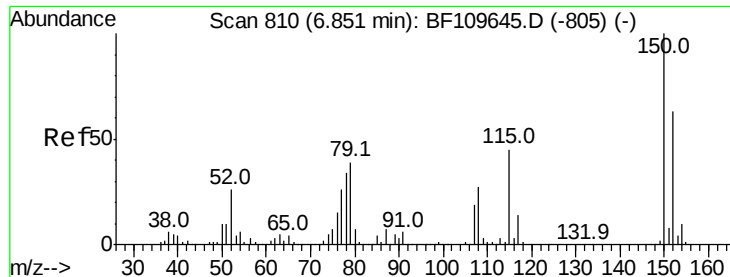
Tot Ion:146 Resp: 441254
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.3 75.5
 111 41.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 49.525 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion:146 Resp: 378327
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 45.5 35.8 53.6

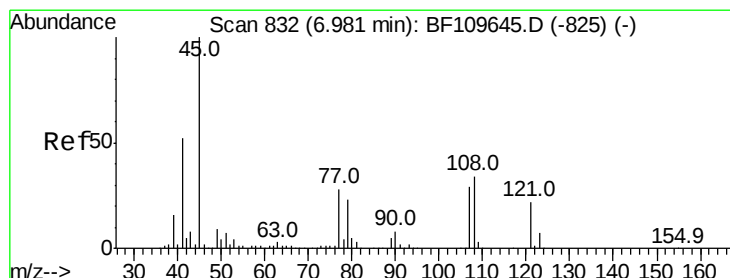
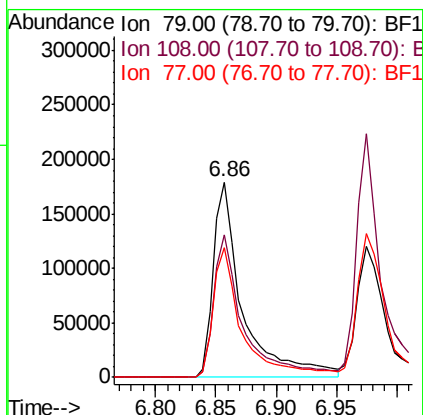
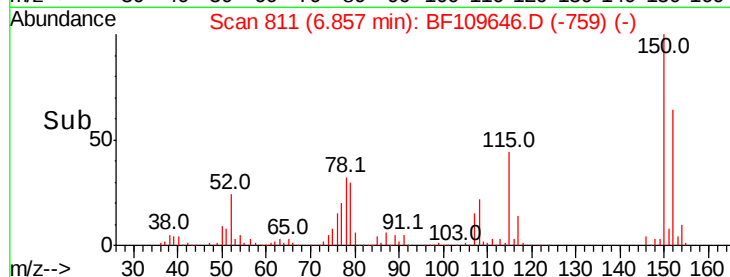
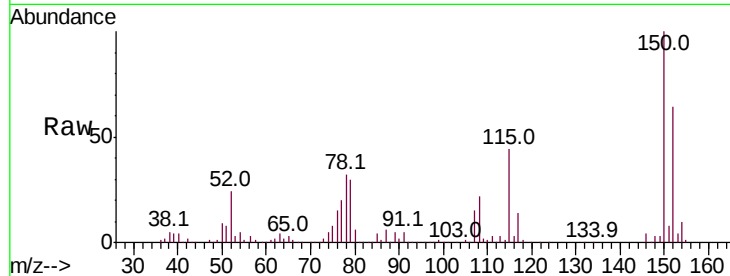




#15
Benzyl Alcohol
Concen: 47.902 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

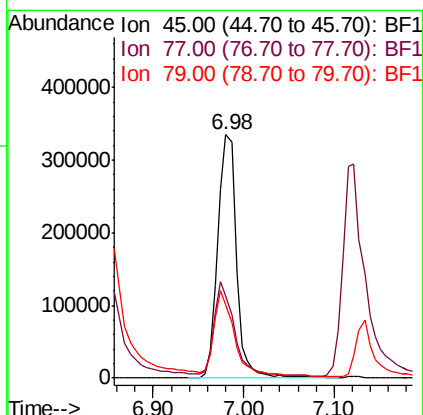
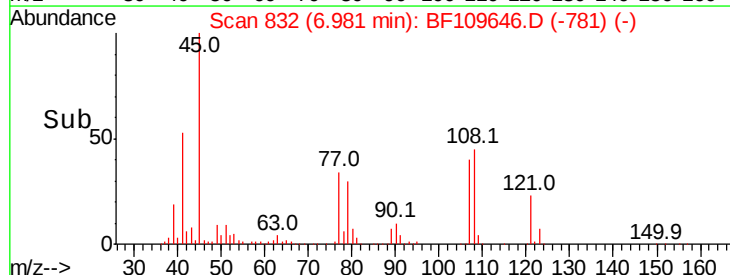
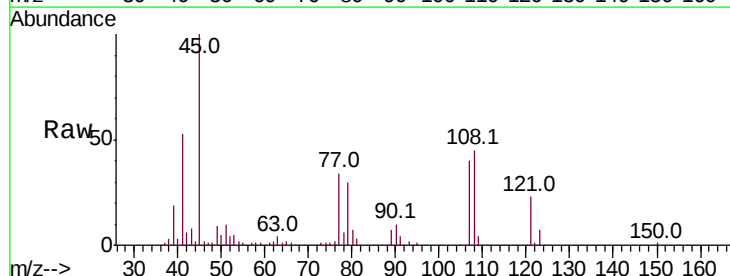
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

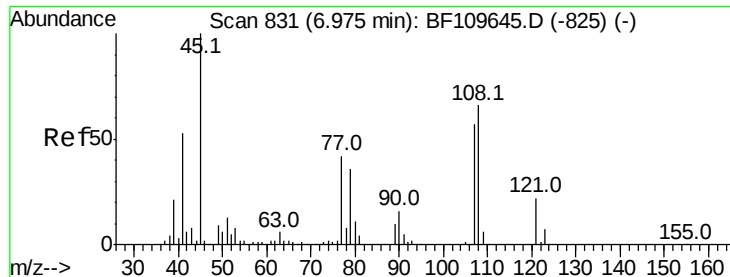
Tot Ion: 79 Resp: 300375
Ion Ratio Lower Upper
79 100
108 73.0 56.3 84.5
77 66.3 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.526 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion: 45 Resp: 479072
Ion Ratio Lower Upper
45 100
77 33.6 10.0 50.0
79 30.2 6.1 46.1

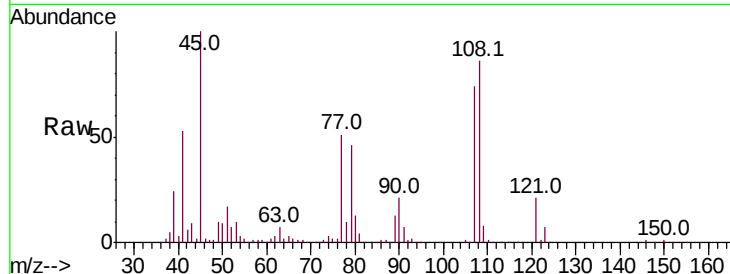




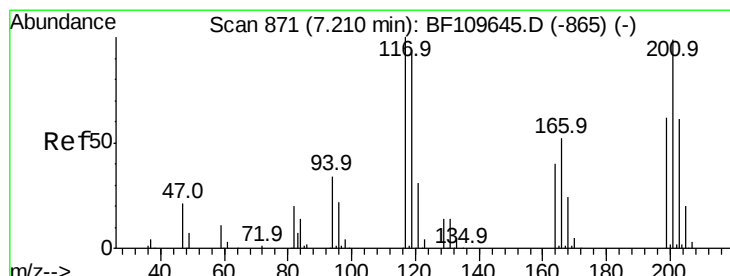
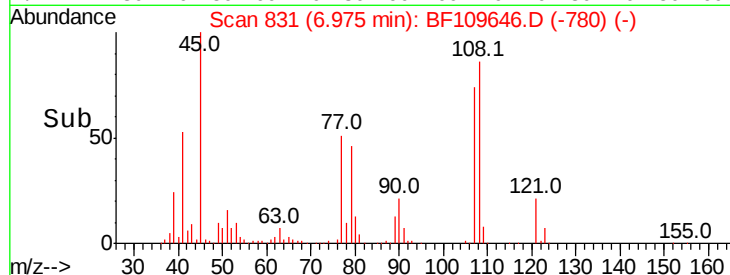
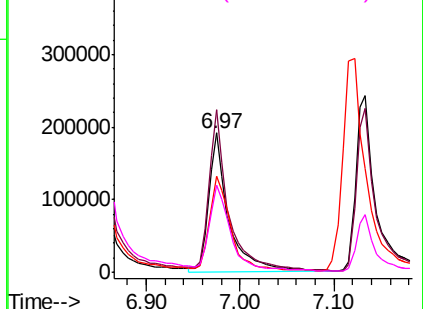
#17
2-Methylphenol
Concen: 49.678 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:107 Resp: 286969
Ion Ratio Lower Upper
107 100
108 116.6 92.6 138.8
77 68.9 59.4 89.2
79 62.5 54.0 81.0

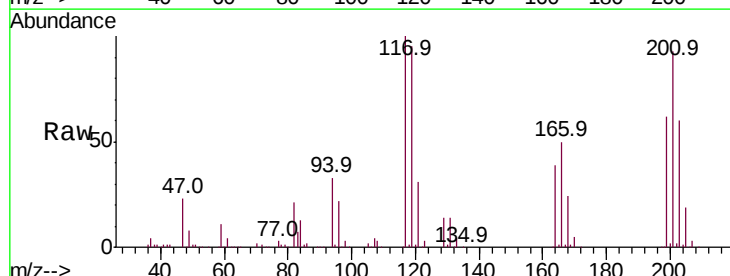


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

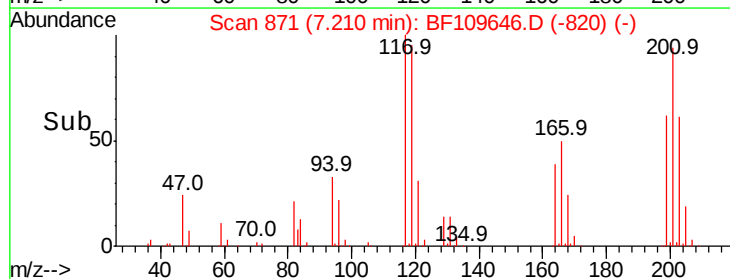
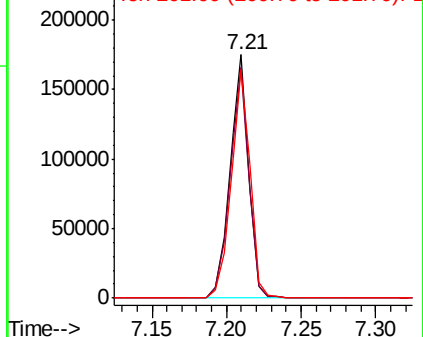


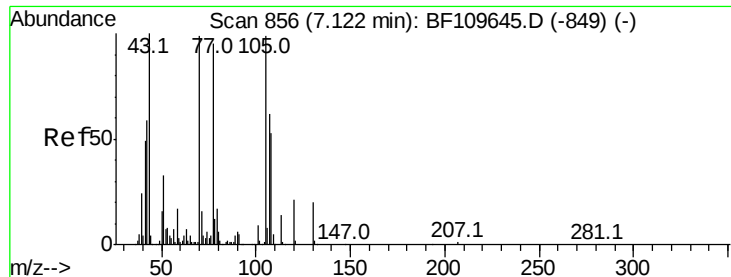
#18
Hexachloroethane
Concen: 53.032 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:117 Resp: 154720
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
201 93.5 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

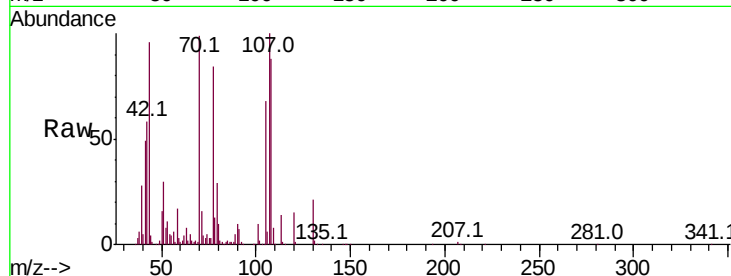




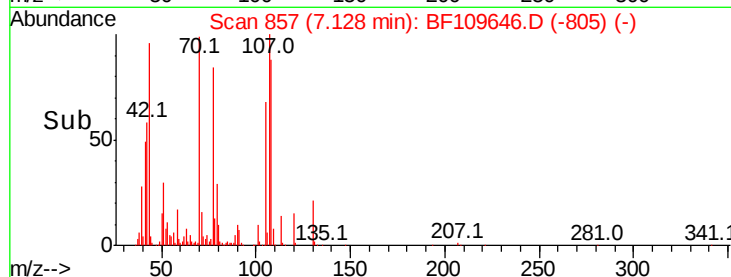
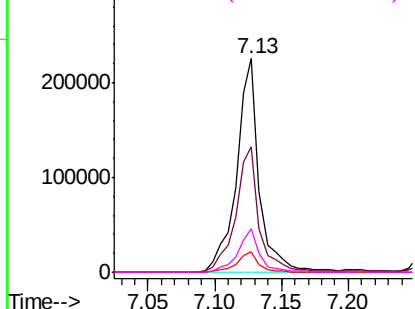
#19
n-Nitroso-di-n-propylamine
Concen: 50.066 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 70 Resp: 268751
Ion Ratio Lower Upper
70 100
42 58.6 47.4 71.2
101 9.9 7.3 10.9
130 20.7 16.2 24.2



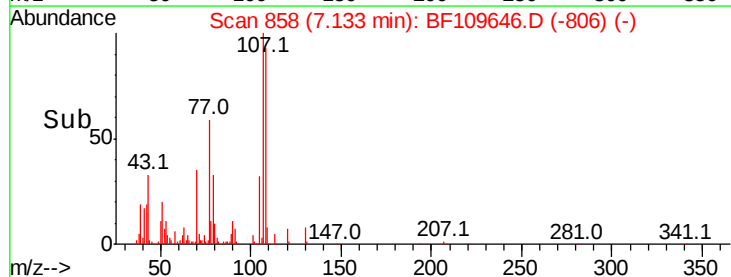
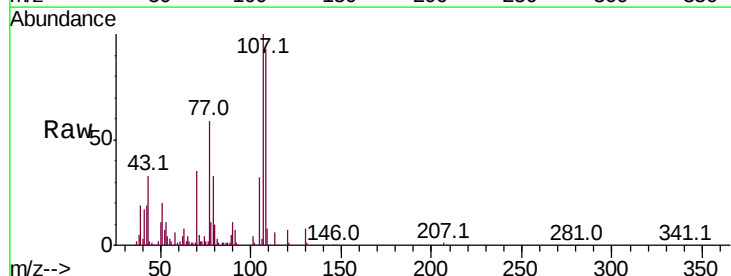
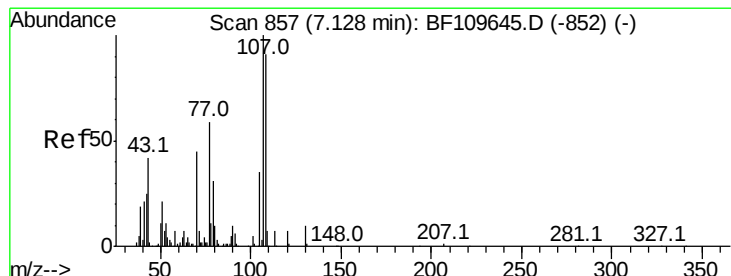
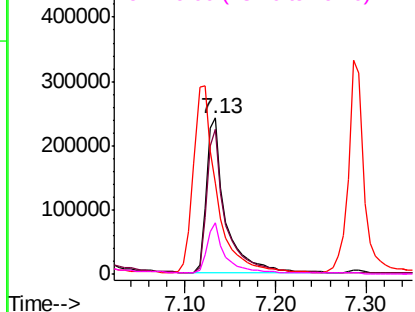
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

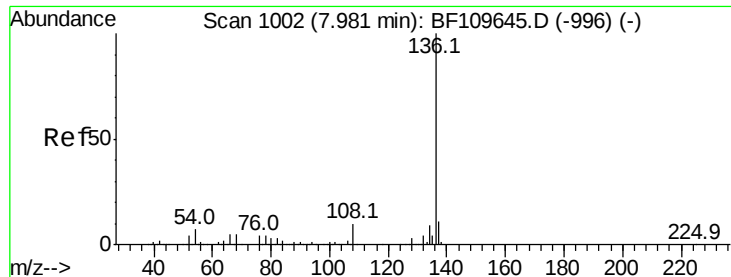


#20
3+4-Methylphenols
Concen: 51.176 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:107 Resp: 356915
Ion Ratio Lower Upper
107 100
108 92.8 71.4 111.4
77 58.6 47.3 87.3
79 32.6 10.9 50.9

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

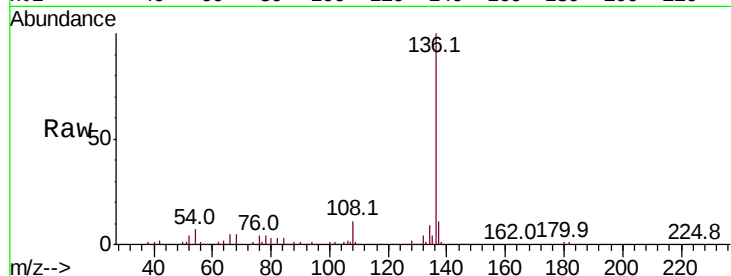




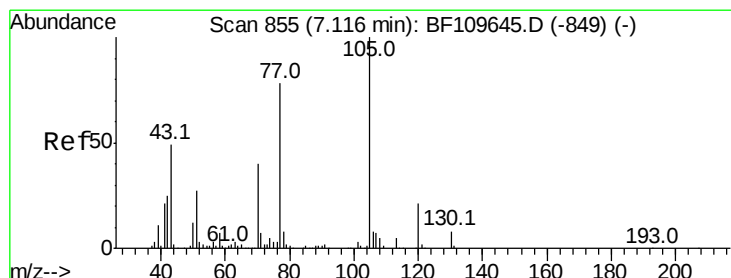
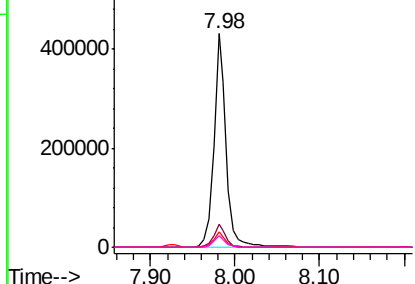
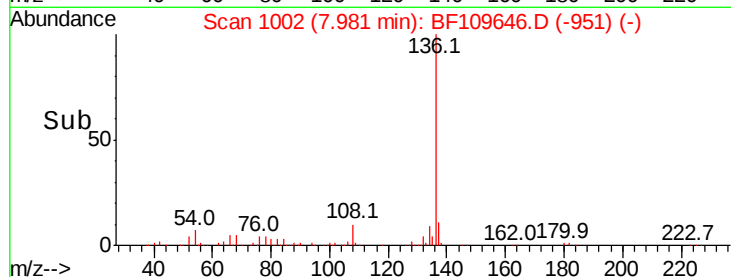
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:136	Resp:	443376
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 7.1	5.4	8.2
68 5.4	4.2	6.2

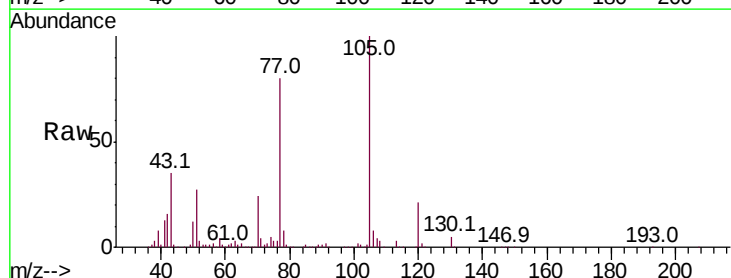


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

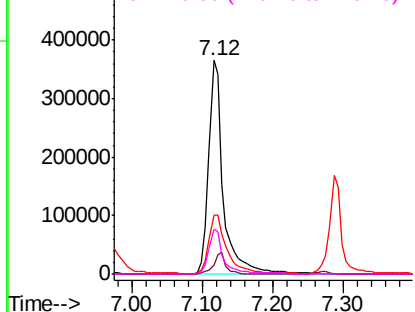
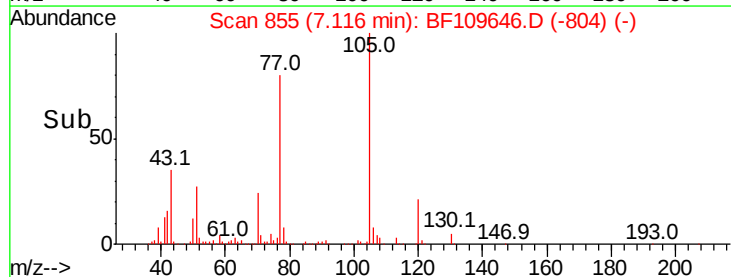


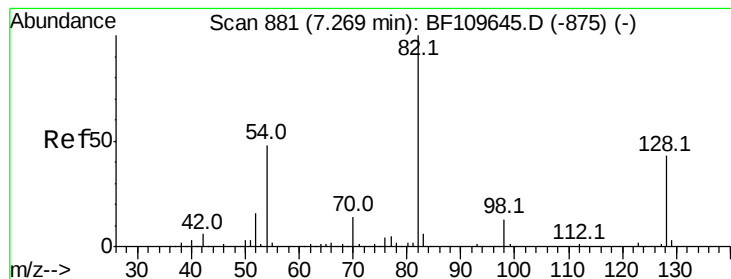
#22
Acetophenone
Concen: 51.319 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt	Ion:105	Resp:	526056
Ion	Ratio	Lower	Upper
105	100		
71	4.0	5.2	7.8#
51	27.5	21.8	32.8
120	21.3	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: 105.364 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

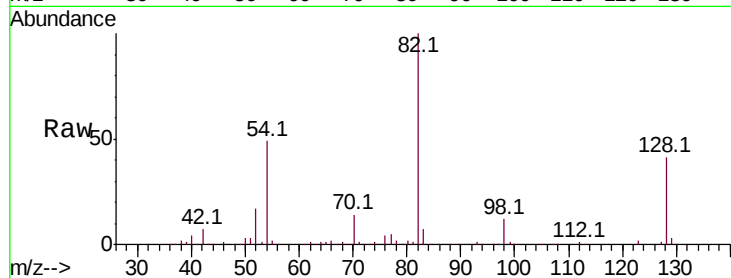
Tot Ion: 82 Resp: 791372

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.2

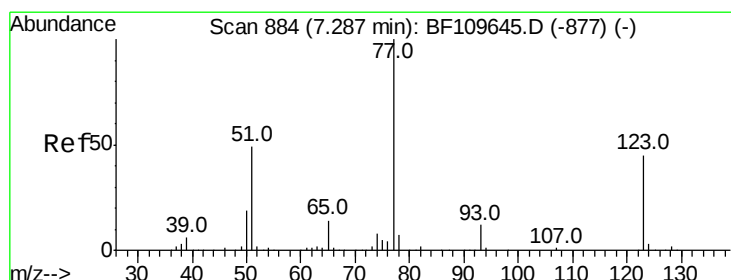
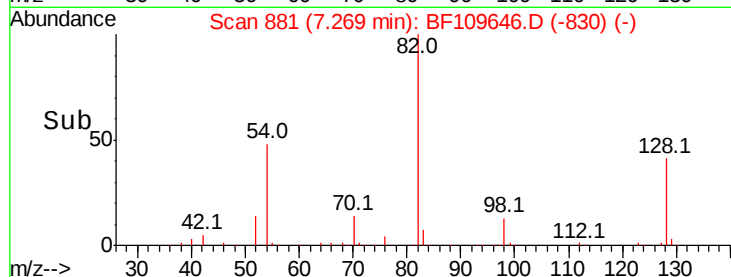
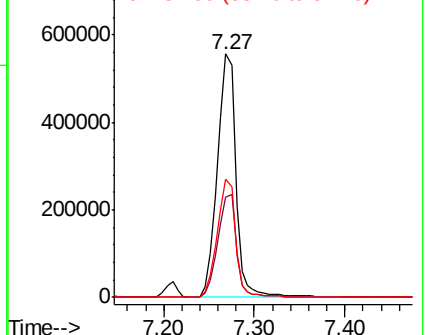
54 48.7 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 51.624 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

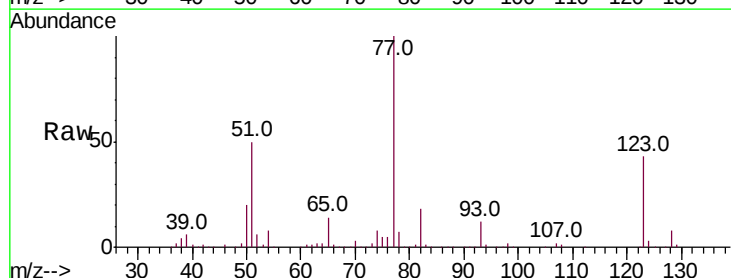
Tgt Ion: 77 Resp: 412269

Ion Ratio Lower Upper

77 100

123 43.0 35.7 53.5

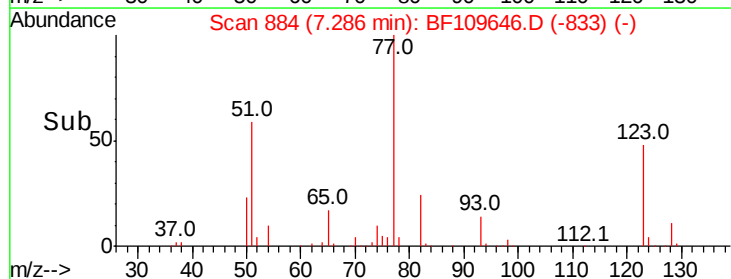
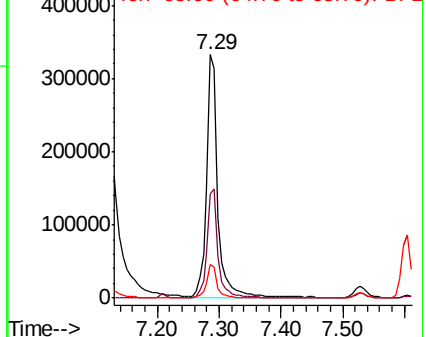
65 13.8 10.7 16.1

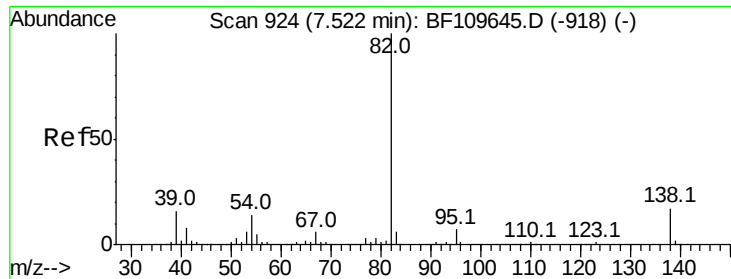


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.750 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

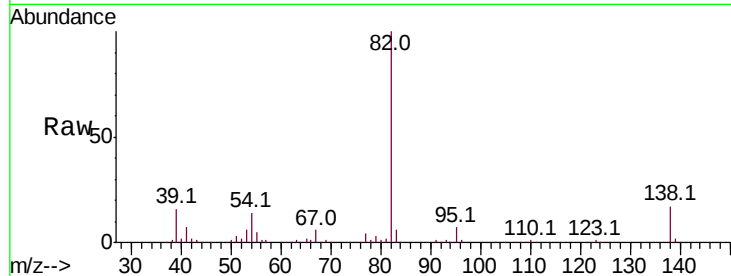
Tot Ion: 82 Resp: 645827

Ion Ratio Lower Upper

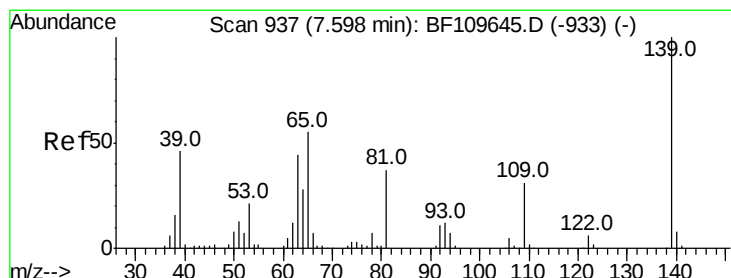
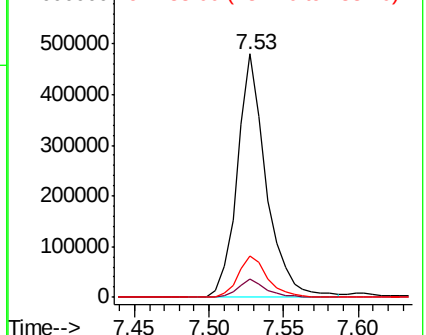
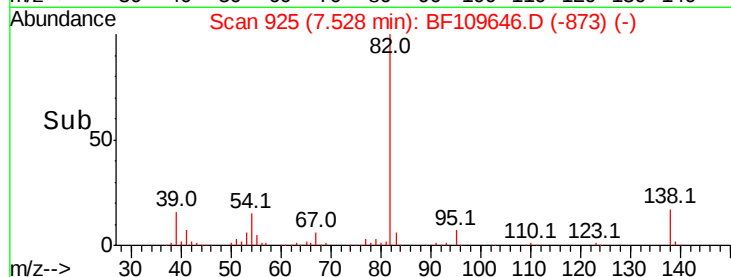
82 100

95 7.4 5.7 8.5

138 17.2 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: 63.299 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

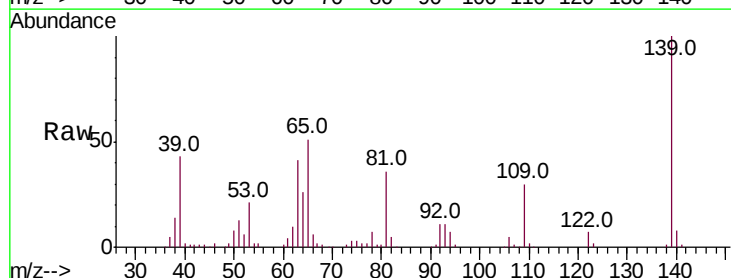
Tgt Ion:139 Resp: 199914

Ion Ratio Lower Upper

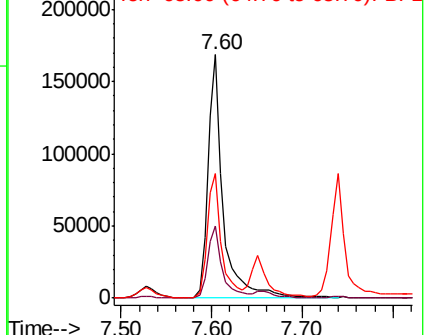
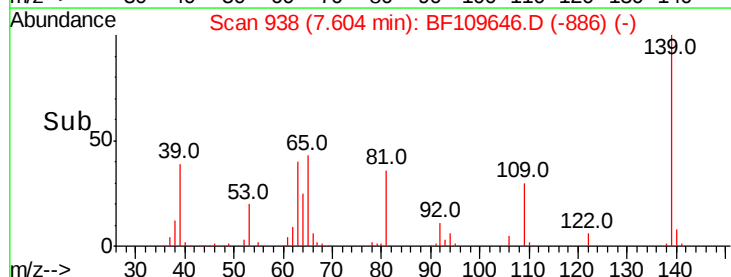
139 100

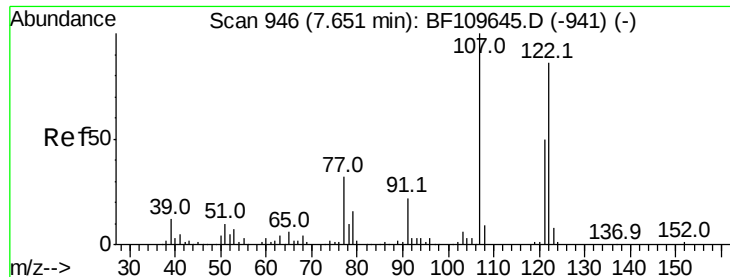
109 29.7 25.0 37.6

65 51.4 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

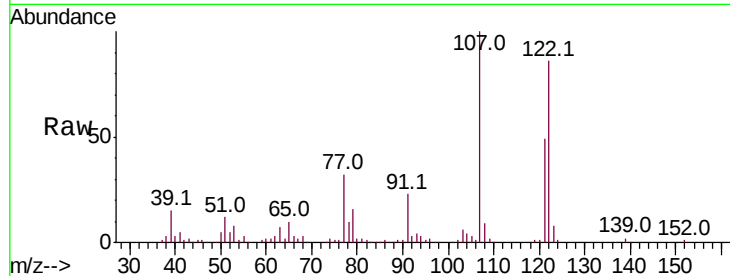




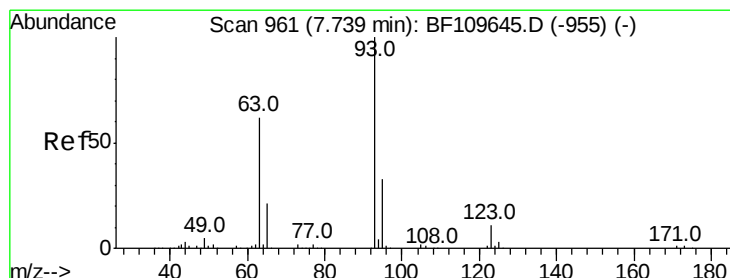
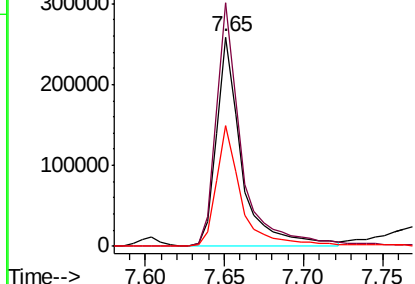
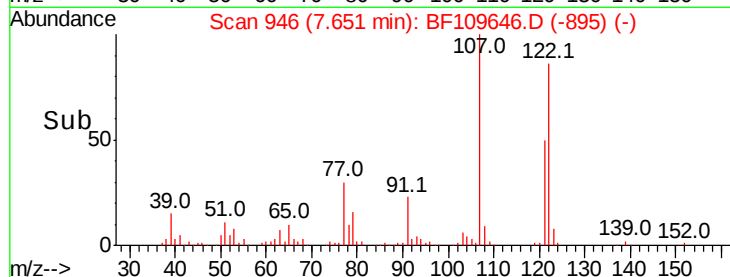
#27
 2,4-Dimethylphenol
 Concen: 47.572 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	92.5	138.7
121	57.3	45.8	68.8

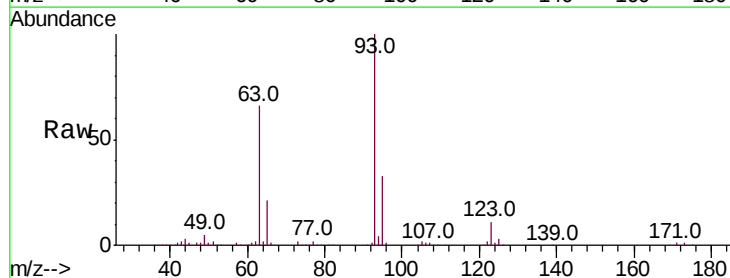


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

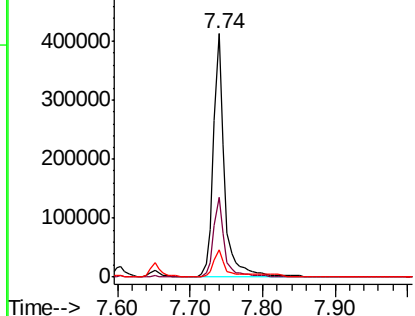
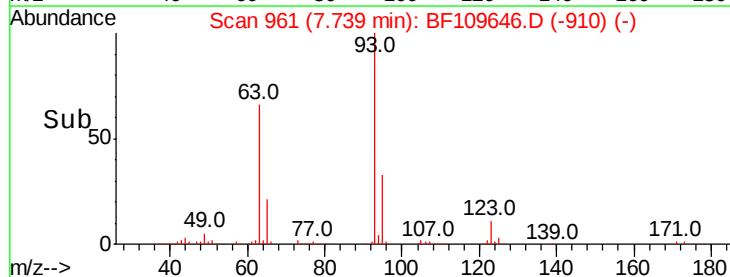


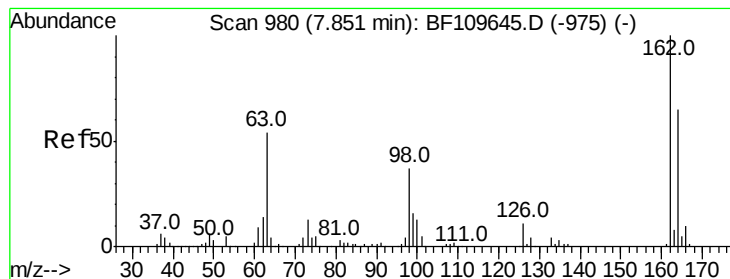
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.095 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	11.1	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: 51.624 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

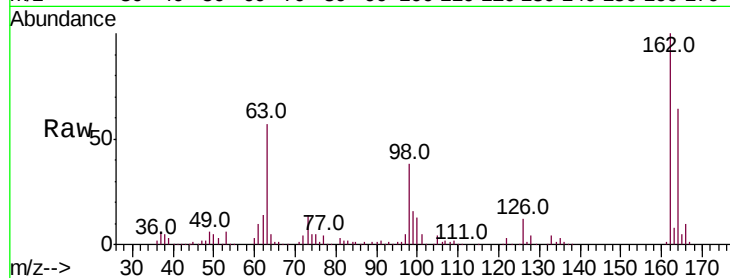
Tot Ion:162 Resp: 319643

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

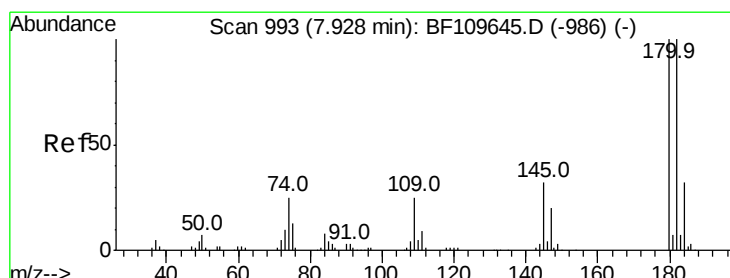
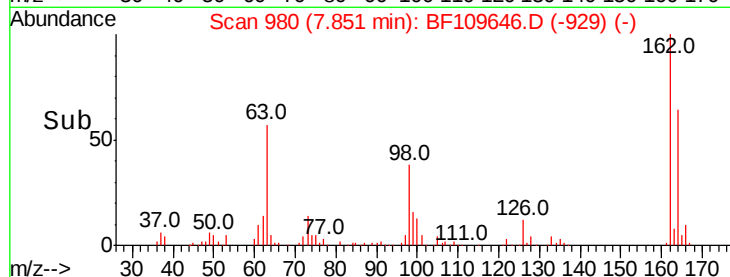
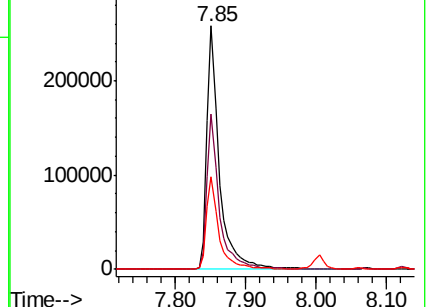
98 38.3 17.4 57.4



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: 49.442 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

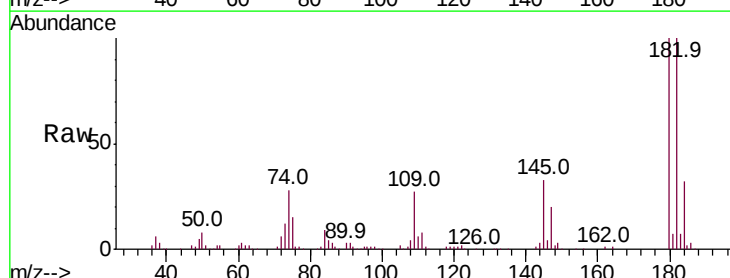
Tgt Ion:180 Resp: 342075

Ion Ratio Lower Upper

180 100

182 100.0 80.3 120.5

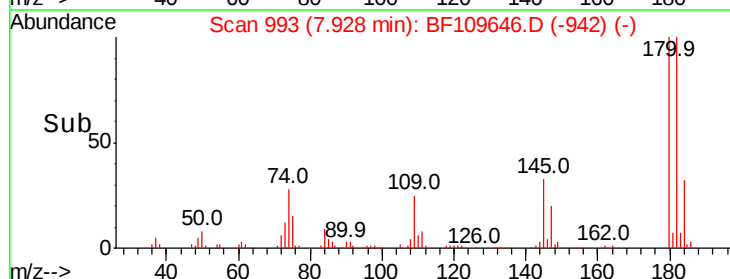
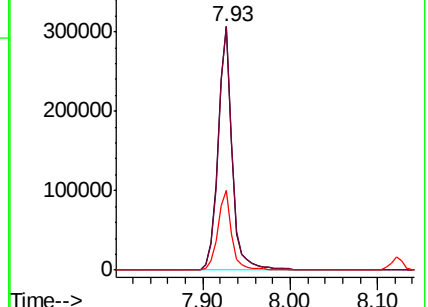
145 32.6 25.4 38.0

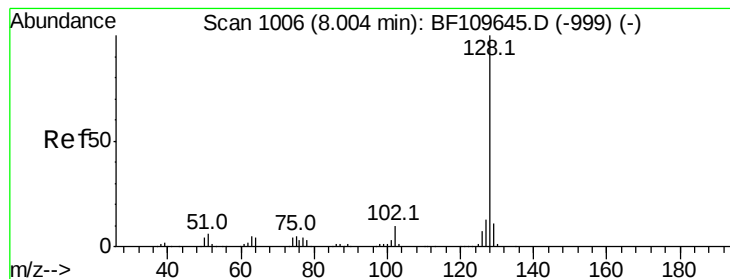


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.498 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

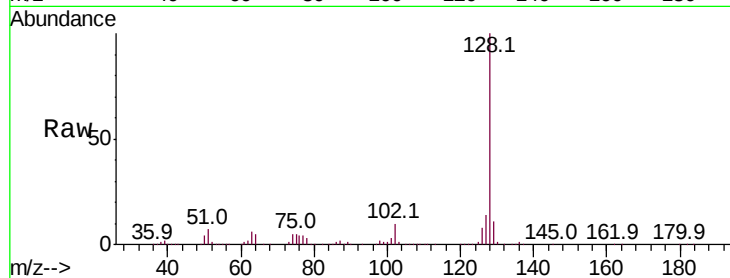
Tot Ion:128 Resp: 984104

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

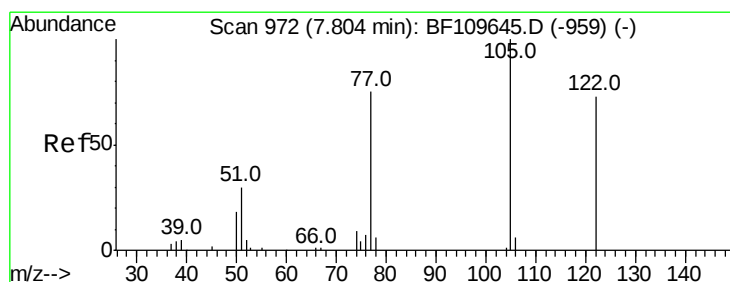
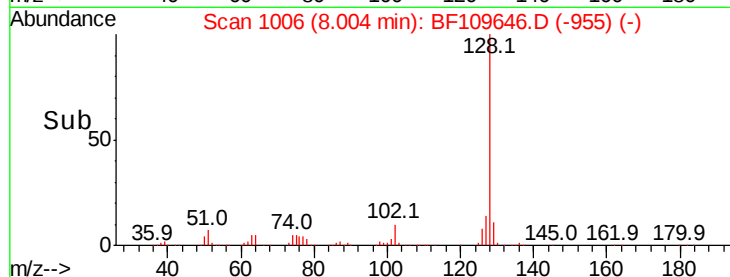
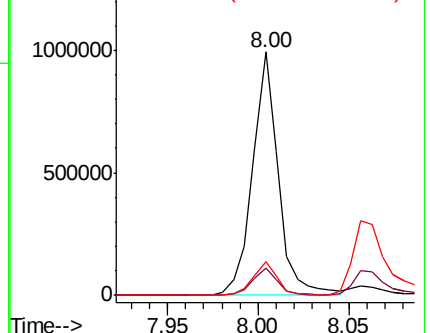
127 13.8 10.8 16.2



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: 62.562 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

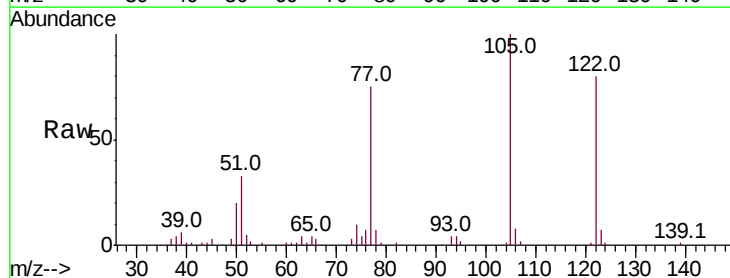
Tgt Ion:122 Resp: 226254

Ion Ratio Lower Upper

122 100

105 124.5 109.0 149.0

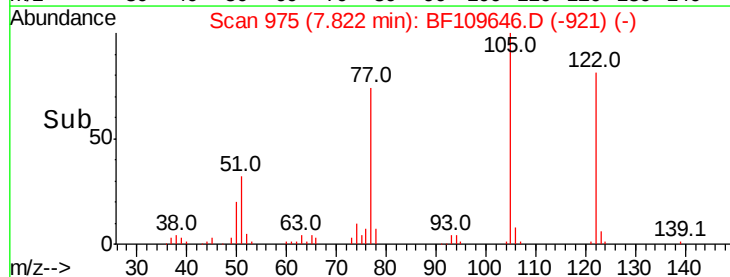
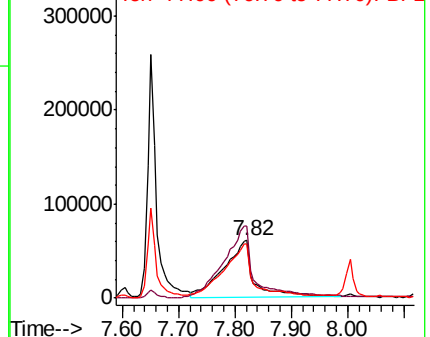
77 93.7 79.0 119.0

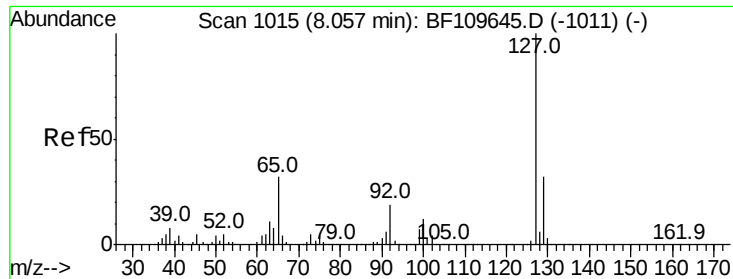


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

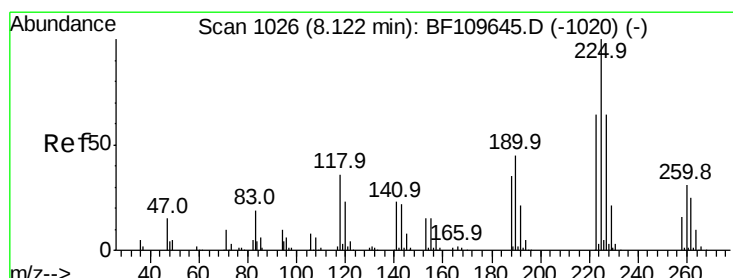
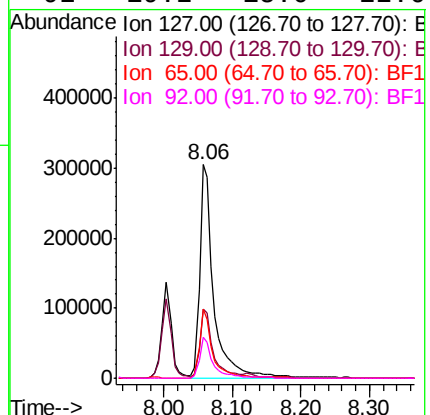
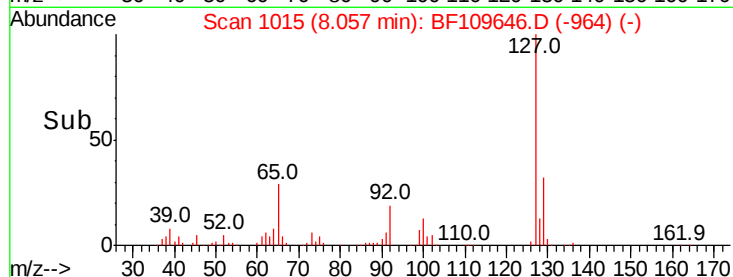
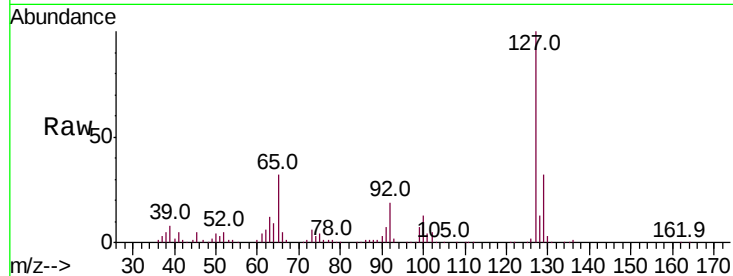




#33
4-Chloroaniline
Concen: 48.254 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

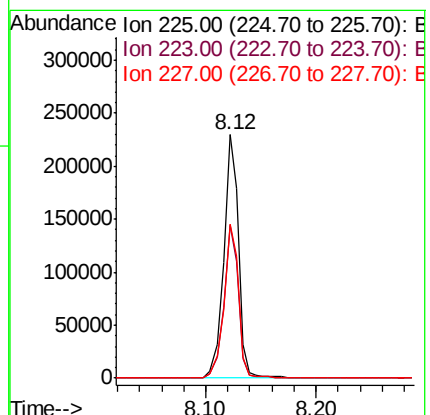
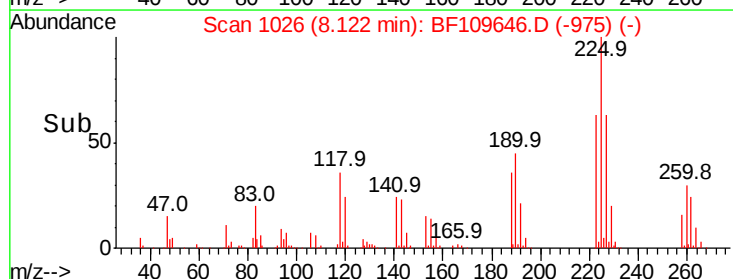
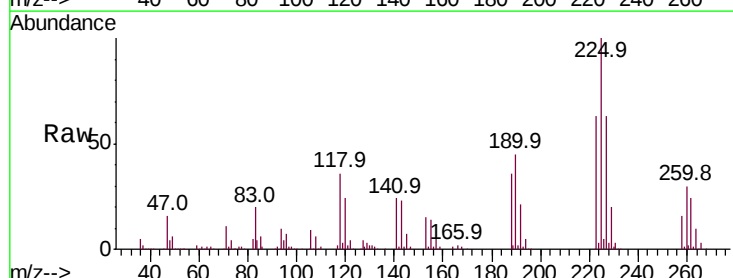
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

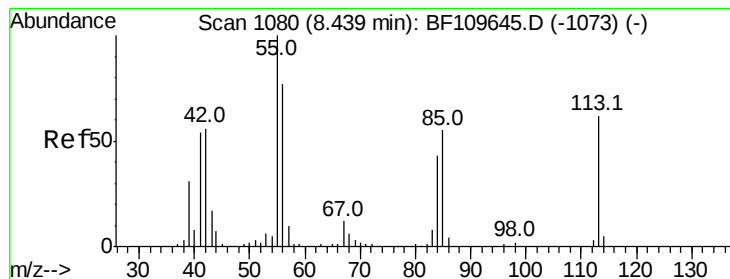
Tot Ion:	127	Resp:	436751
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	32.3	25.1	37.7
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 51.185 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:	225	Resp:	213489
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	63.1	51.0	76.6





#35

Caprolactam

Concen: 48.770 ng

RT: 8.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

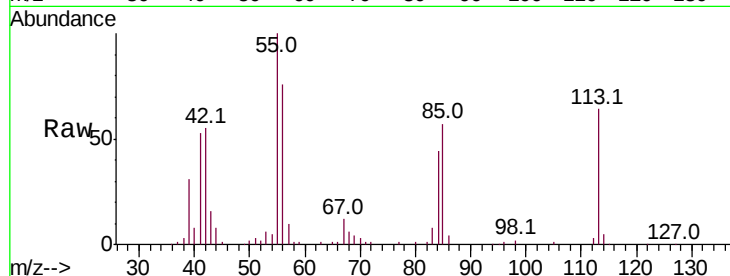
Tot Ion:113 Resp: 96411

Ion Ratio Lower Upper

113 100

55 155.4 142.8 182.8

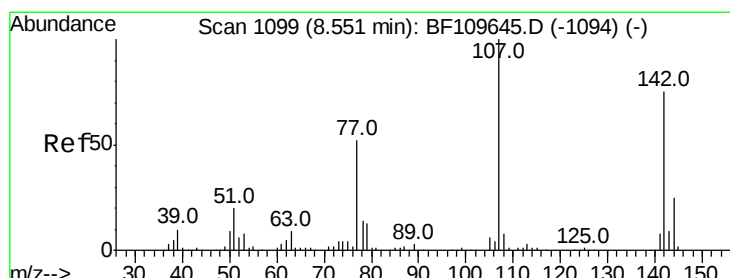
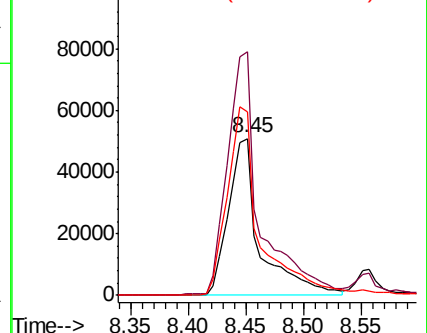
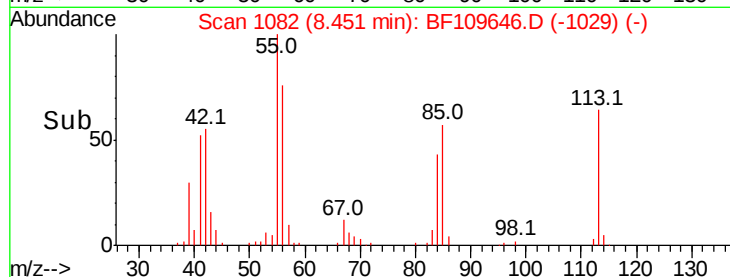
56 117.4 105.0 145.0



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: 50.347 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

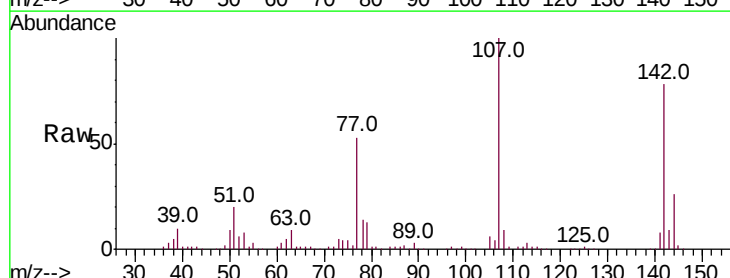
Tgt Ion:107 Resp: 328036

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

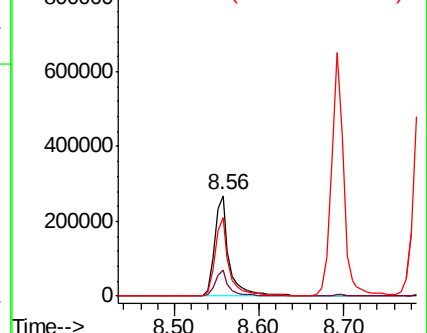
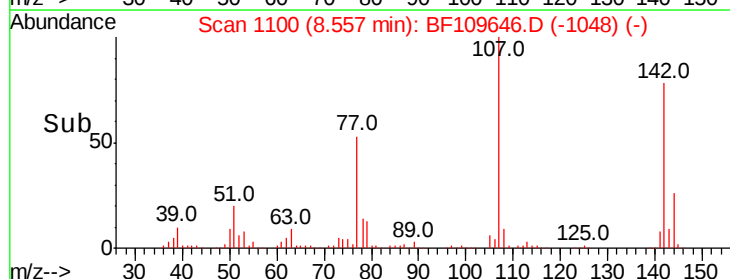
142 78.1 59.7 89.5

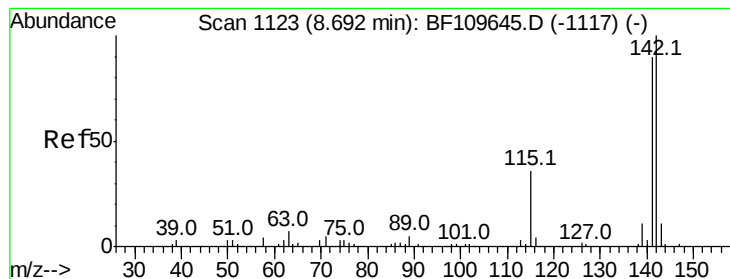


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

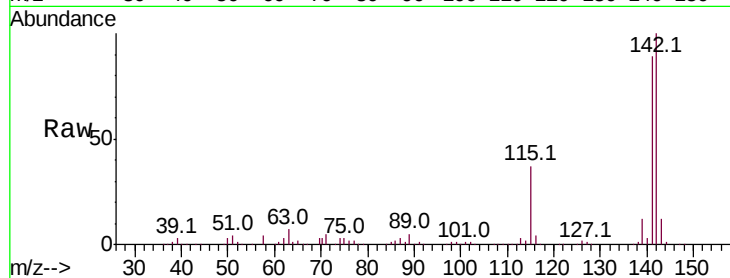




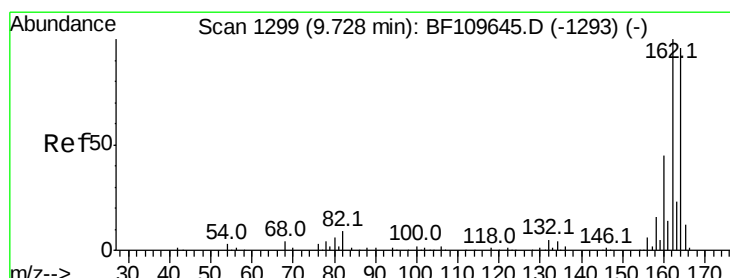
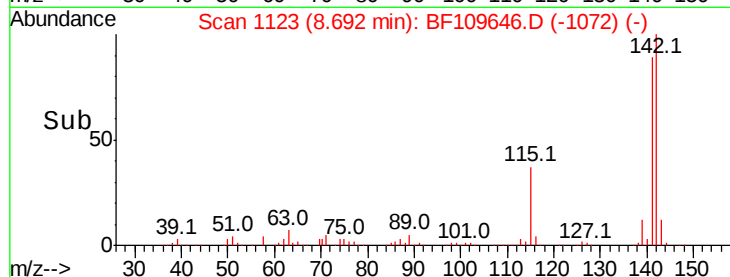
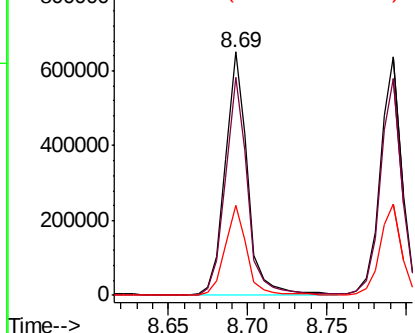
#37
 2-Methylnaphthalene
 Concen: 47.839 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	37.2	28.7	43.1

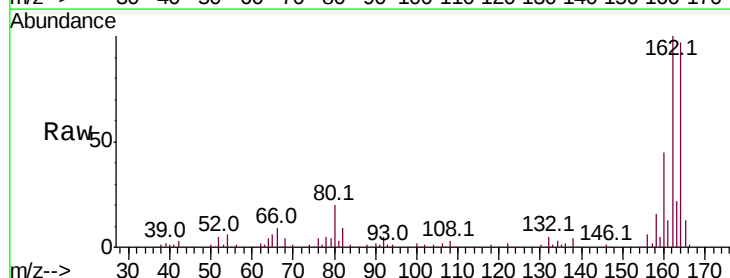


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

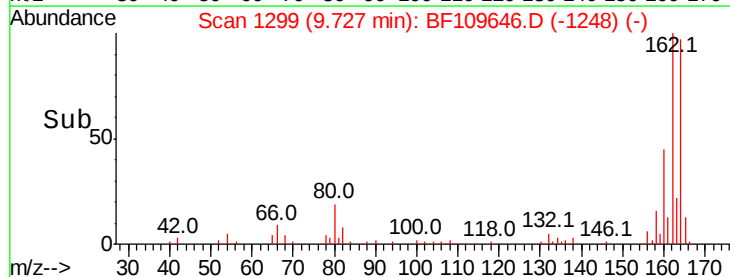
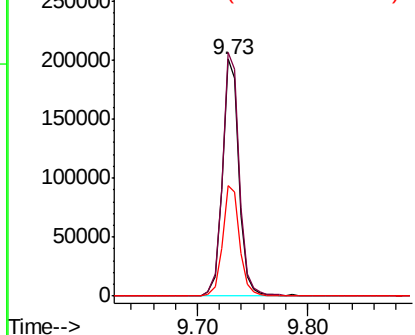


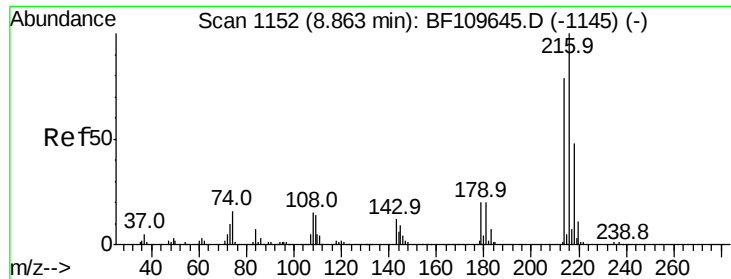
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.5	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: 51.095 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 343531

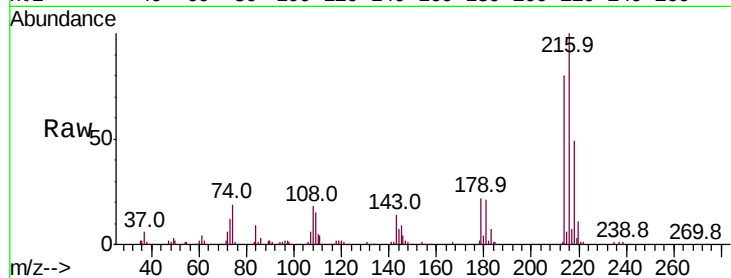
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 21.5 16.6 25.0

108 19.0 15.1 22.7

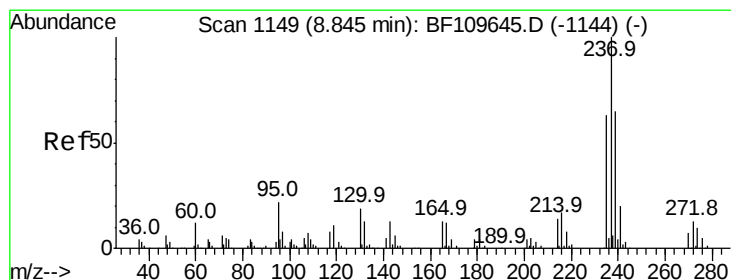
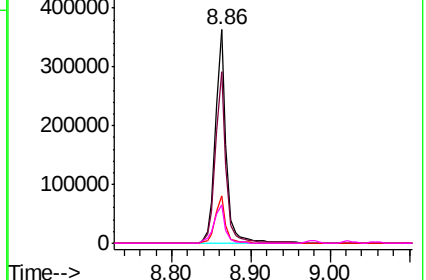
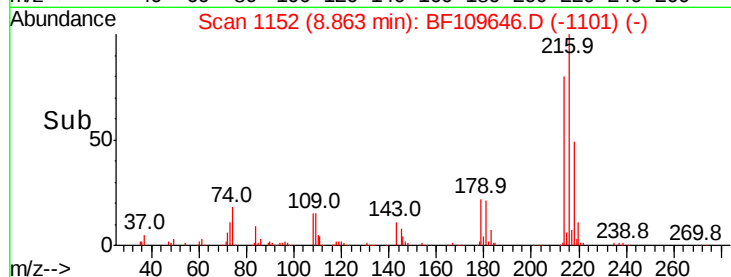


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.833 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

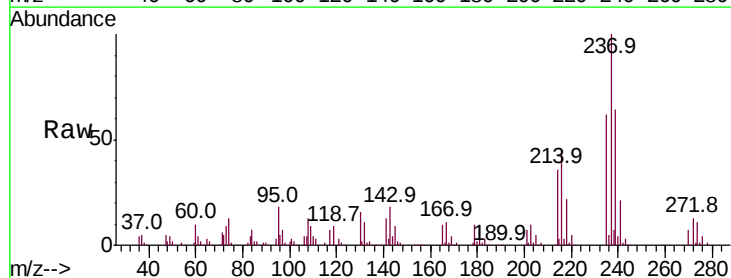
Tgt Ion:237 Resp: 143205

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

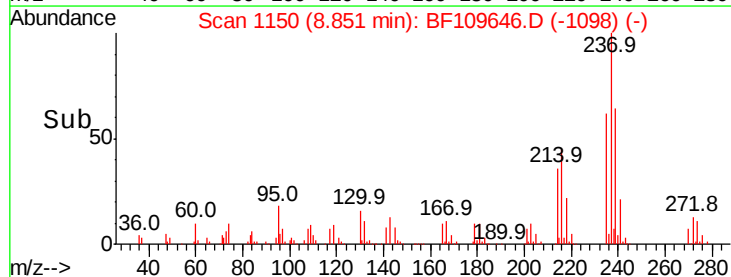
272 12.8 0.0 32.6



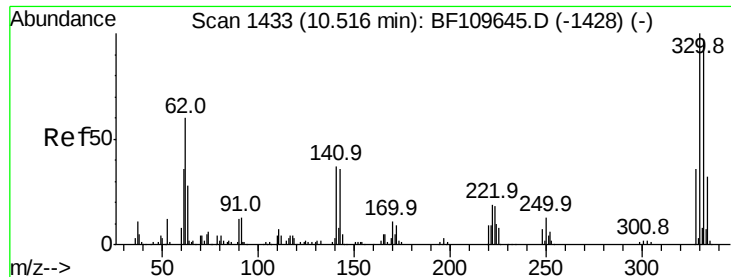
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



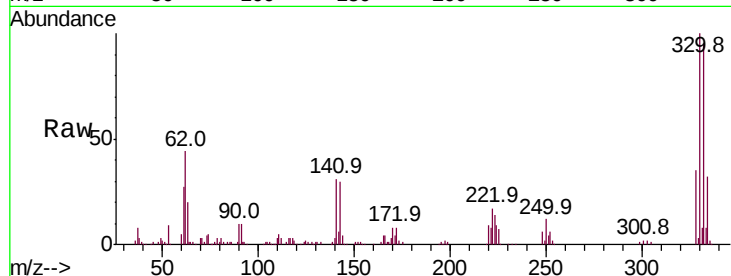
Time-->



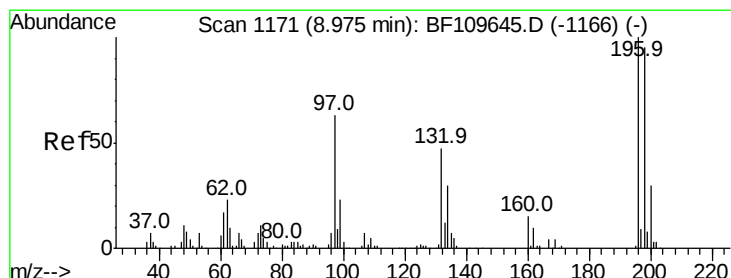
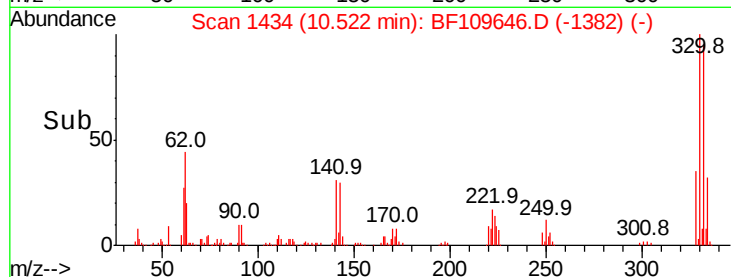
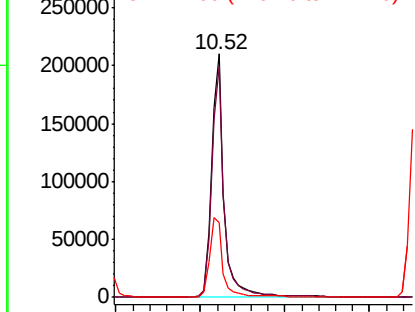
#41
 2,4,6-Tribromophenol
 Concen: 106.617 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:330 Resp: 222037
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 34.3 27.0 40.4

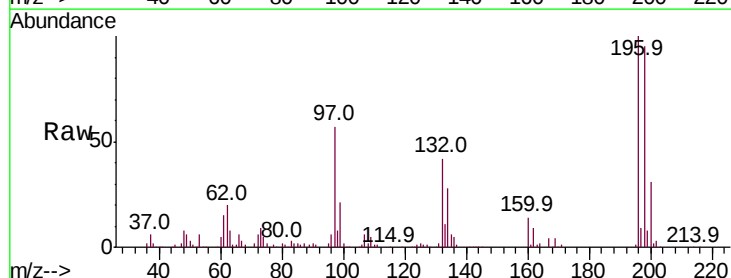


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

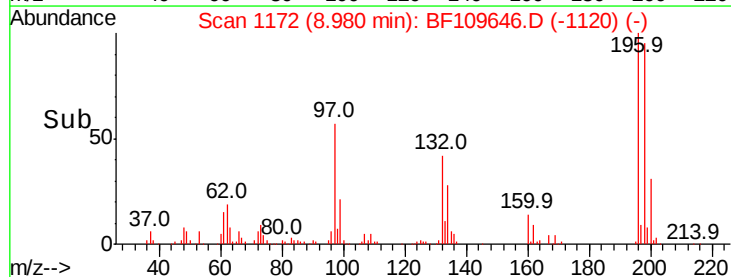
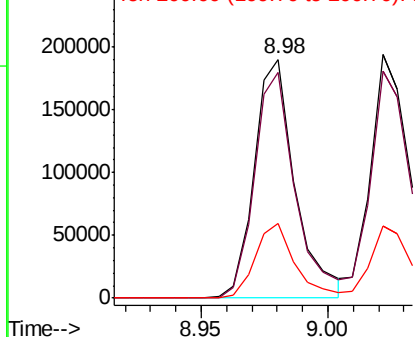


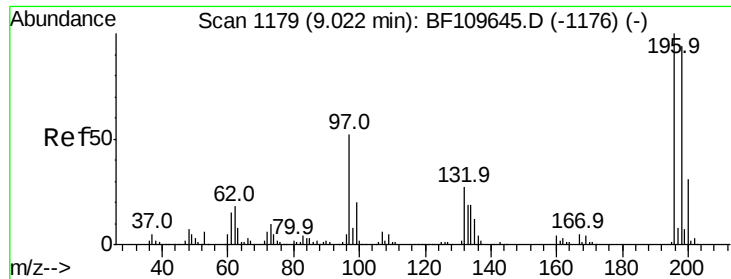
#42
 2,4,6-Trichlorophenol
 Concen: 49.736 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion:196 Resp: 214615
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.4
 200 31.3 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

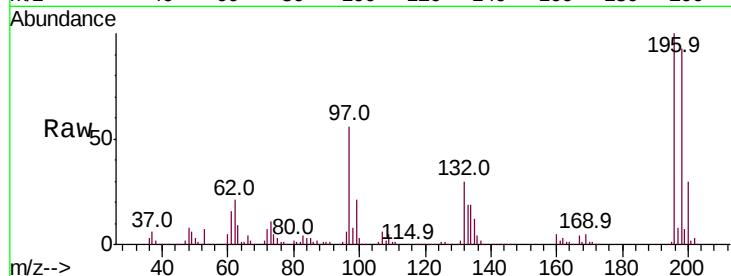




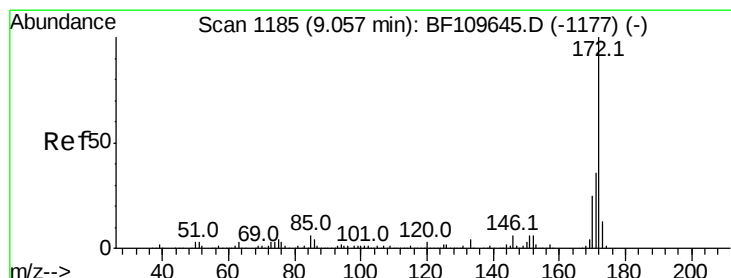
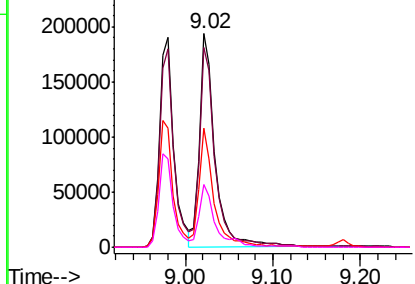
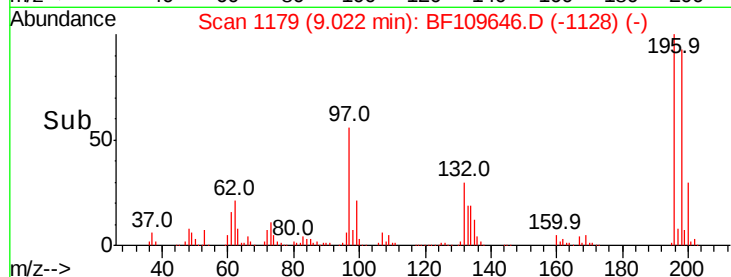
#43
2,4,5-Trichlorophenol
Concen: 52.630 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:196 Resp: 239851
Ion Ratio Lower Upper
196 100
198 93.4 75.8 113.6
97 56.0 42.4 63.6
132 29.7 22.8 34.2

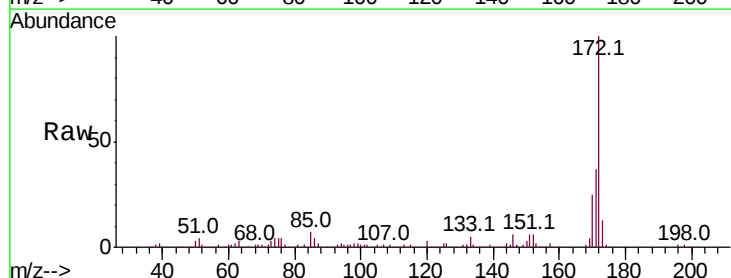


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

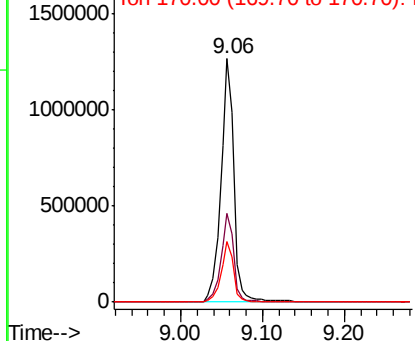
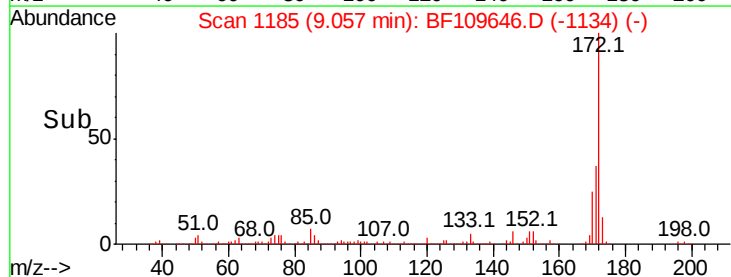


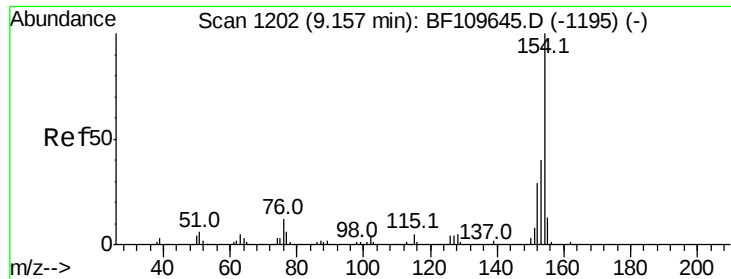
#44
2-Fluorobiphenyl
Concen: 100.360 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:172 Resp: 1405778
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.7 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

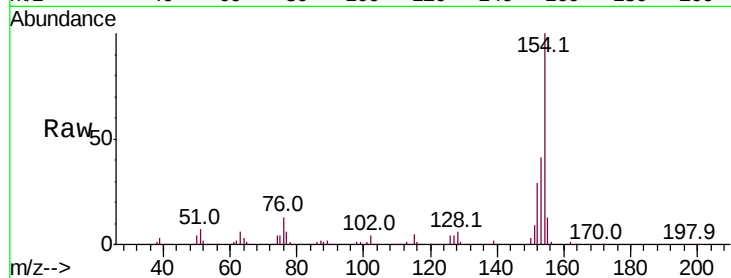




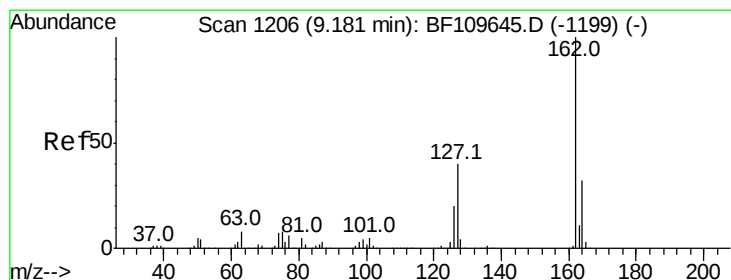
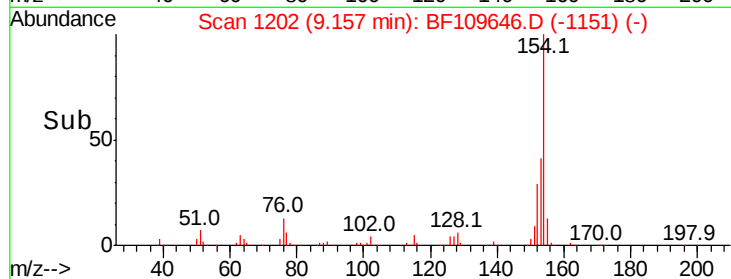
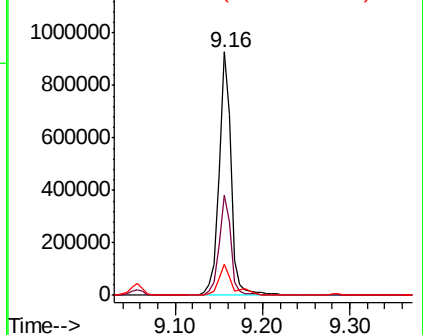
#45
 1,1'-Biphenyl
 Concen: 51.754 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:154 Resp: 890813
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.4 60.4
 76 12.6 0.0 31.9

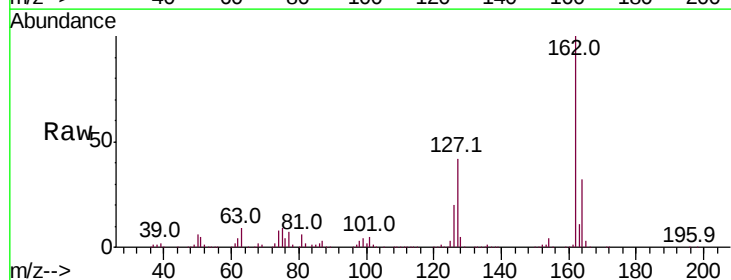


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

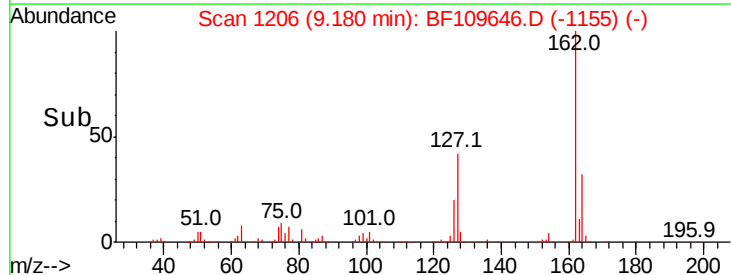
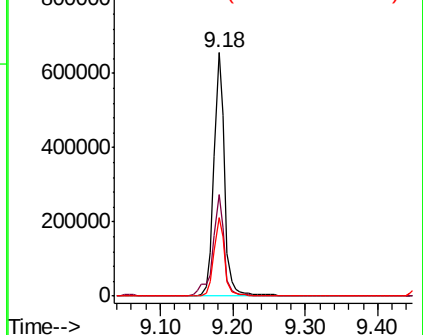


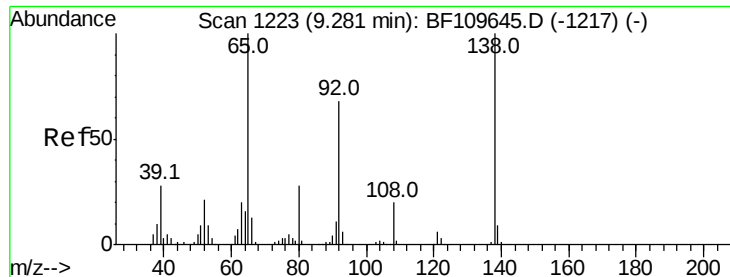
#46
 2-Chloronaphthalene
 Concen: 49.077 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion:162 Resp: 674850
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.6 48.8
 164 32.2 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: 54.154 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

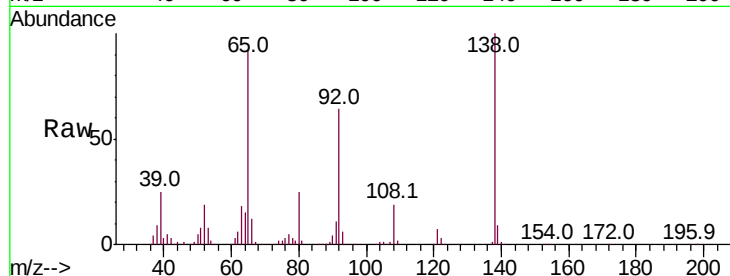
Tot Ion: 65 Resp: 211123

Ion Ratio Lower Upper

65 100

92 69.9 54.6 81.8

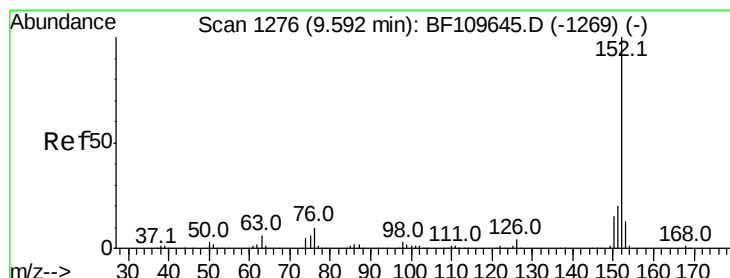
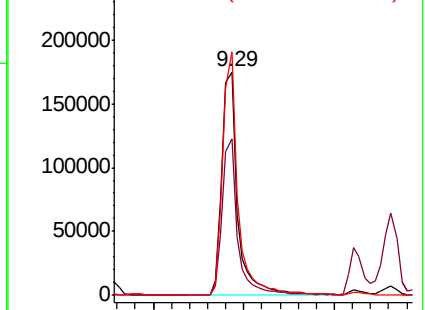
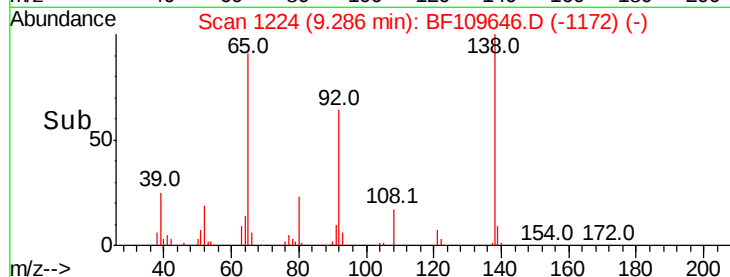
138 109.0 80.3 120.5



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: 46.711 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

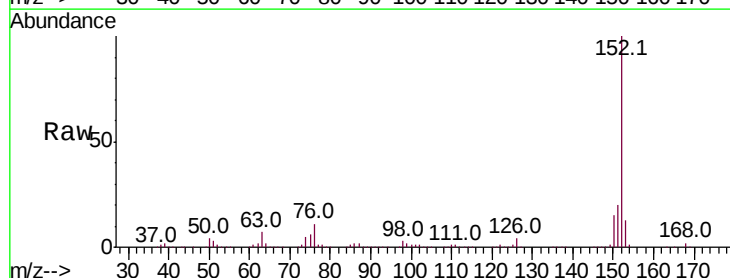
Tgt Ion: 152 Resp: 968976

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

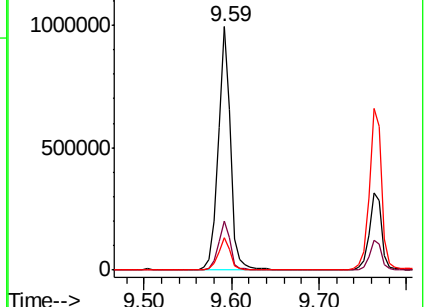
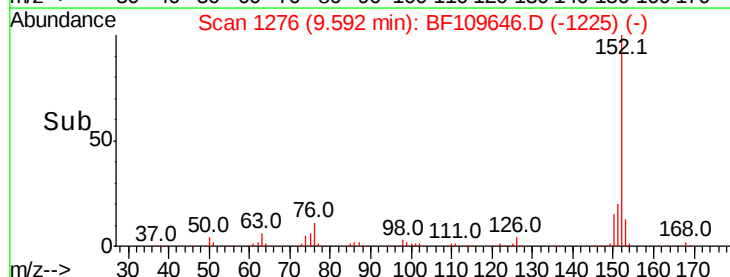
153 13.2 10.4 15.6

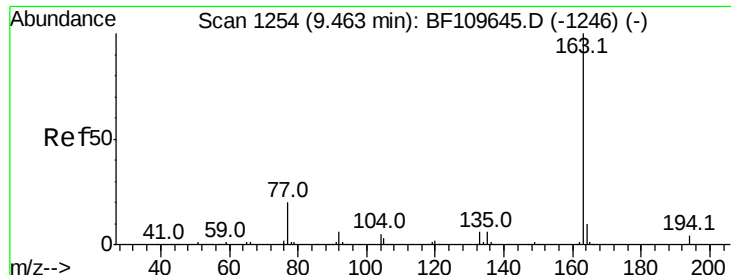


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

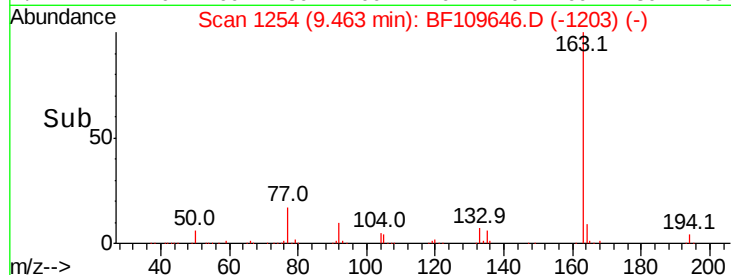
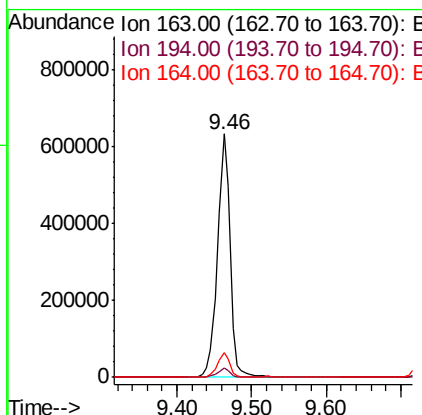
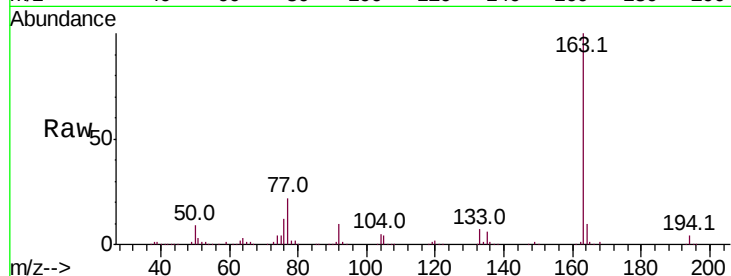




#49
Dimethylphthalate
Concen: 48.066 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

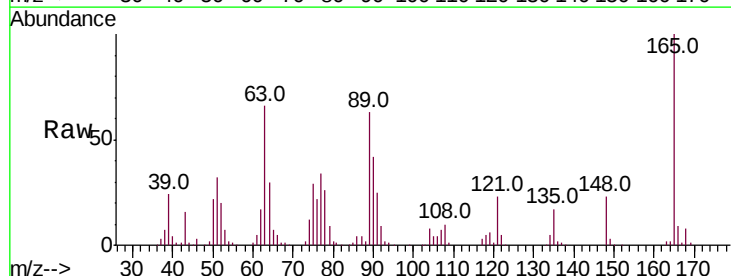
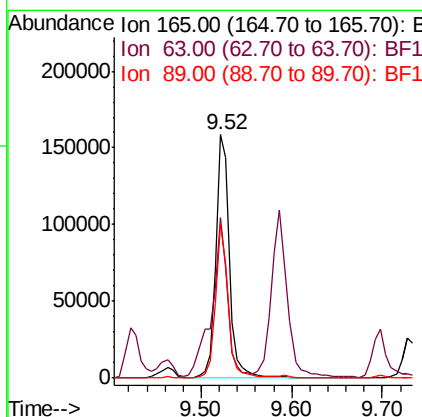
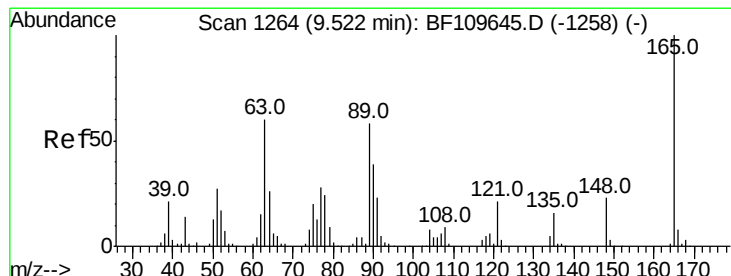
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

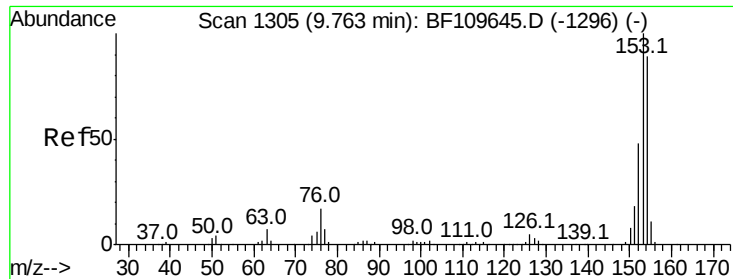
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1



#50
2,6-Dinitrotoluene
Concen: 54.261 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.0	48.9	73.3
89	63.2	46.6	69.8





#51

Acenaphthene

Concen: 45.478 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

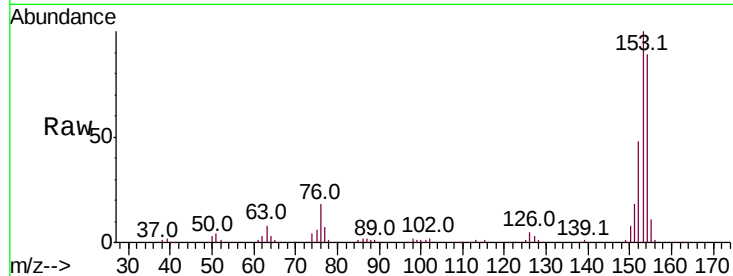
Tot Ion:154 Resp: 570378

Ion Ratio Lower Upper

154 100

153 112.2 90.1 135.1

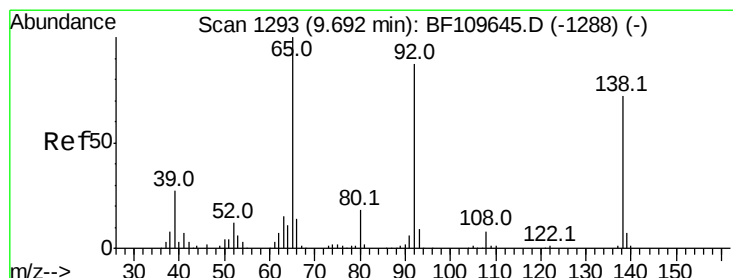
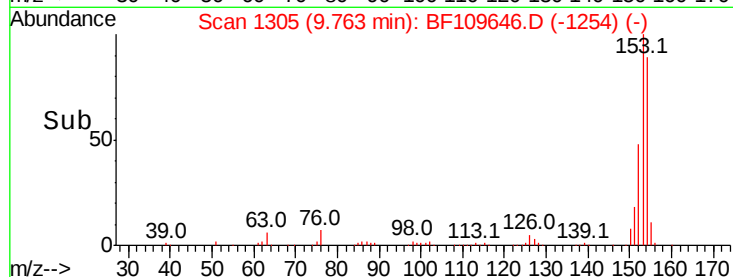
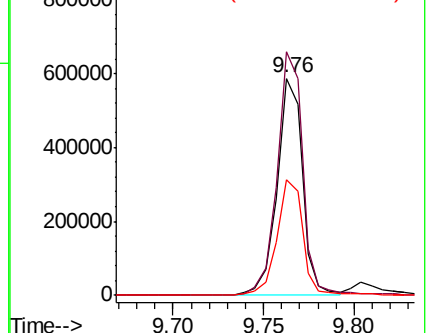
152 53.6 43.4 65.2



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: 51.803 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

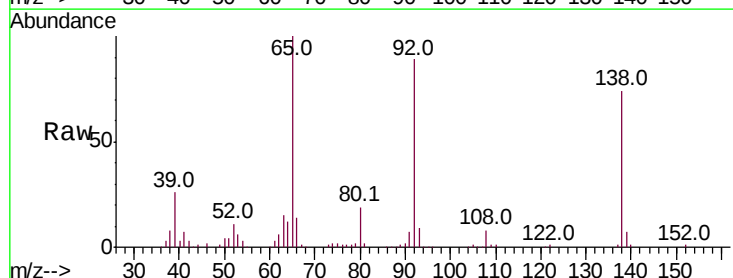
Tgt Ion:138 Resp: 182565

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

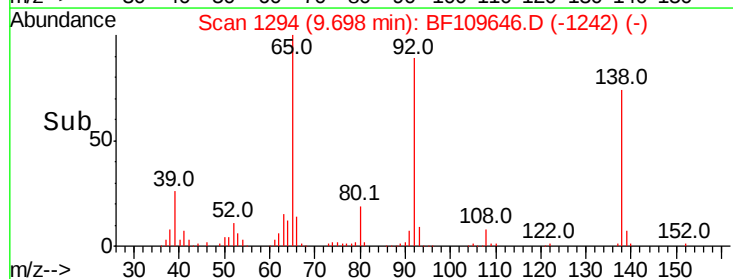
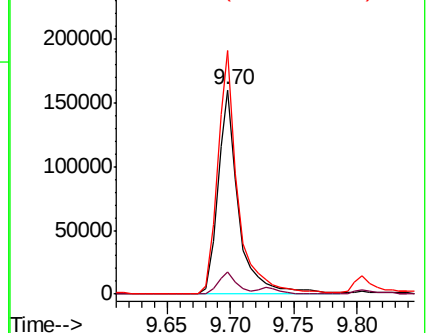
92 119.2 97.0 145.4

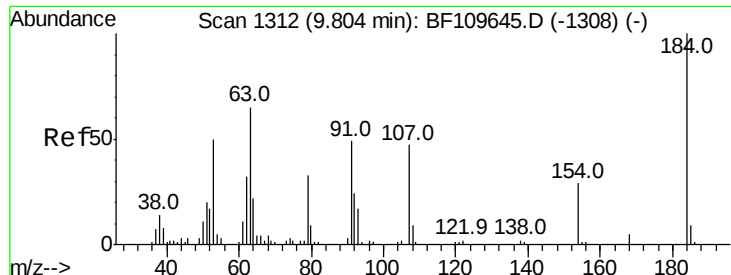


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

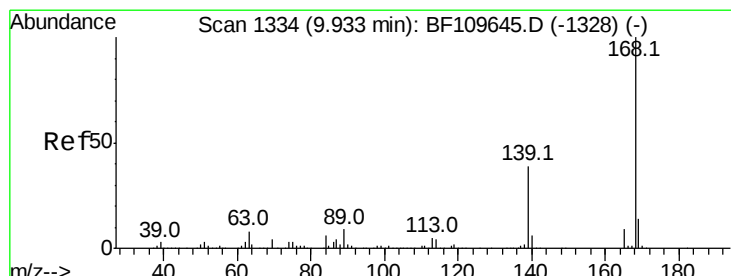
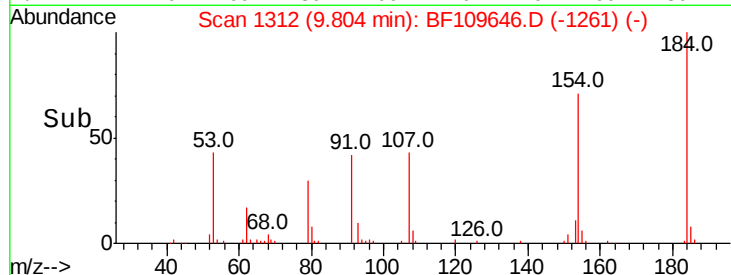
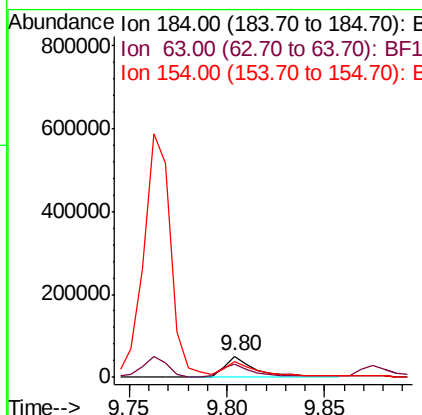
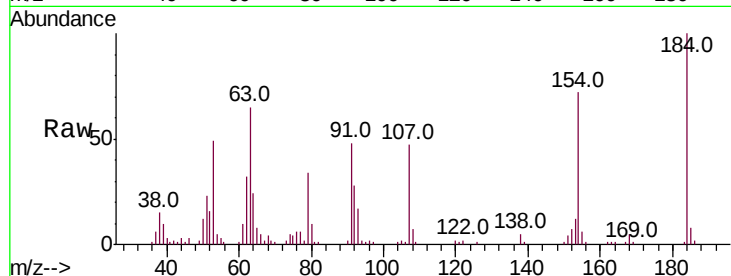




#53
 2,4-Dinitrophenol
 Concen: 67.298 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

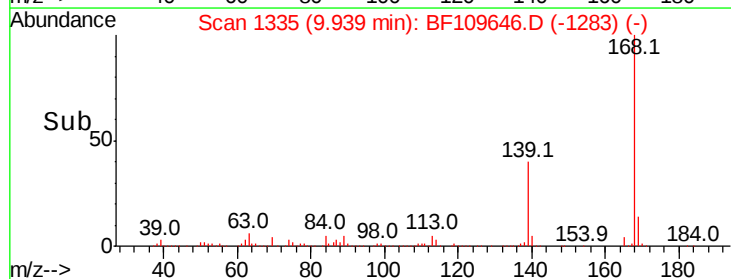
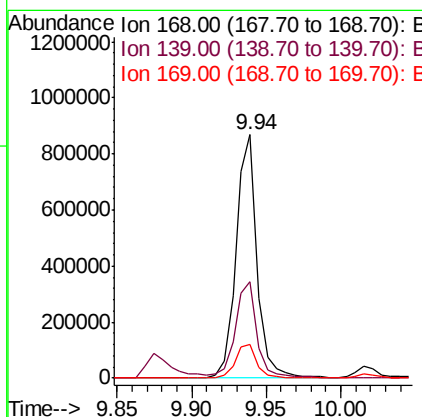
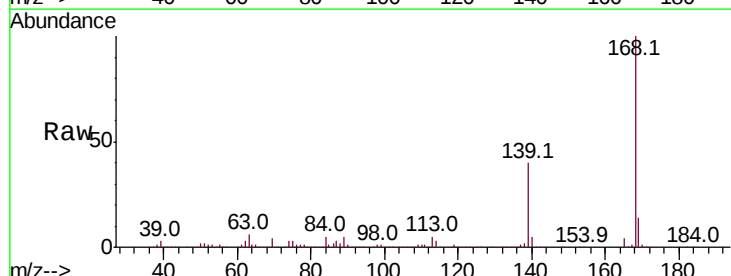
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

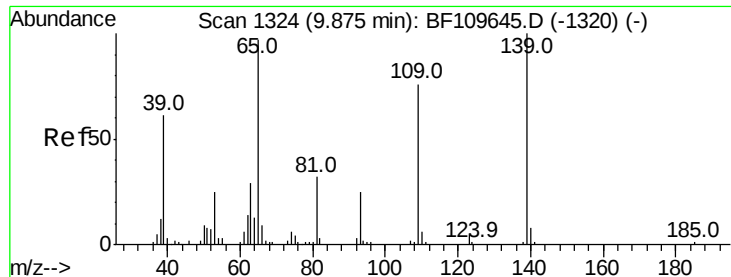
Tot	Ion:184	Resp:	58391
Ion	Ratio	Lower	Upper
184	100		
63	64.9	55.8	83.6
154	72.0	63.2	94.8



#54
 Dibenzofuran
 Concen: 45.724 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt	Ion:168	Resp:	852841
Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.0	49.6
169	14.0	11.3	16.9

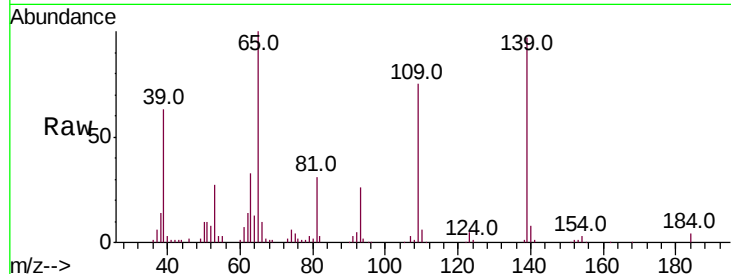




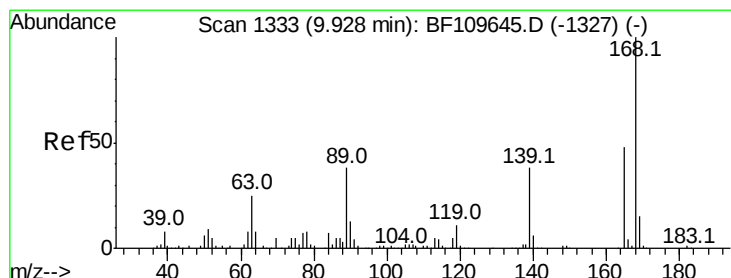
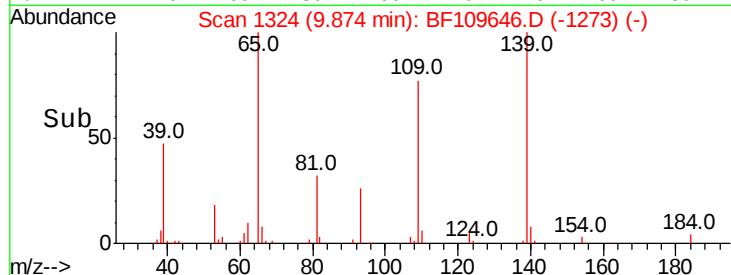
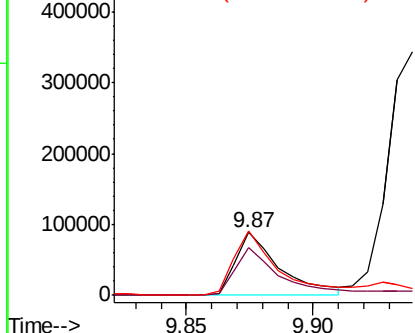
#55
4-Nitrophenol
Concen: 40.674 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:139 Resp: 107984
Ion Ratio Lower Upper
139 100
109 76.8 55.8 95.8
65 103.1 77.9 117.9



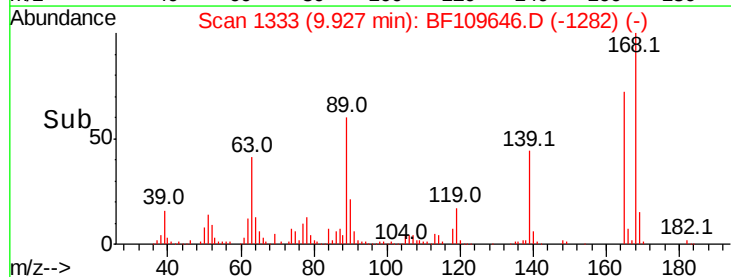
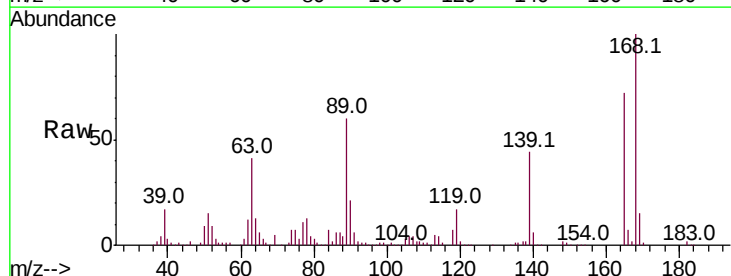
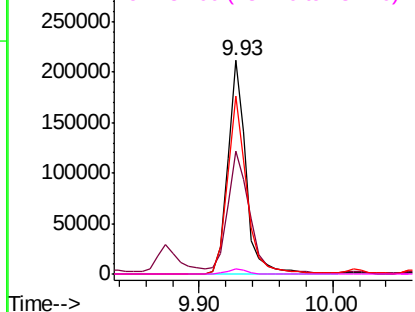
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

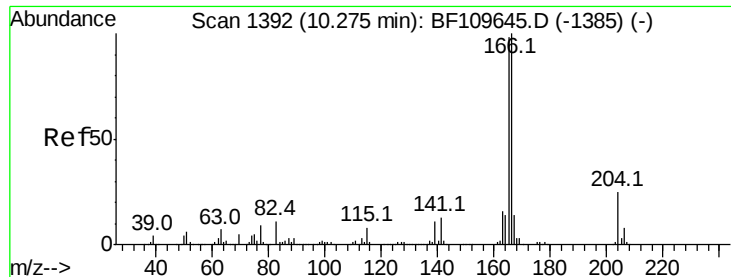


#56
2,4-Dinitrotoluene
Concen: 52.867 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:165 Resp: 203563
Ion Ratio Lower Upper
165 100
63 57.6 44.8 67.2
89 83.1 62.2 93.4
182 2.7 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.650 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

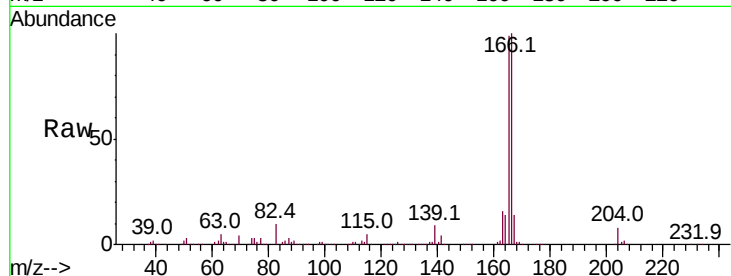
Tot Ion:166 Resp: 634138

Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

167 13.5 10.8 16.2

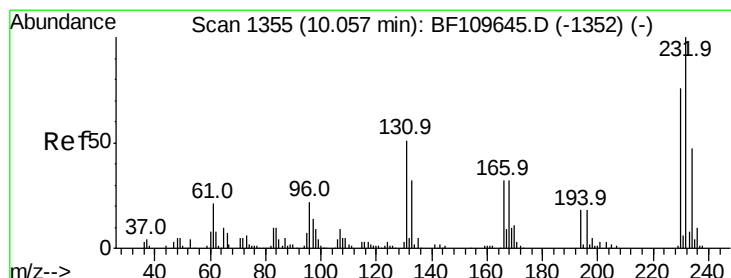
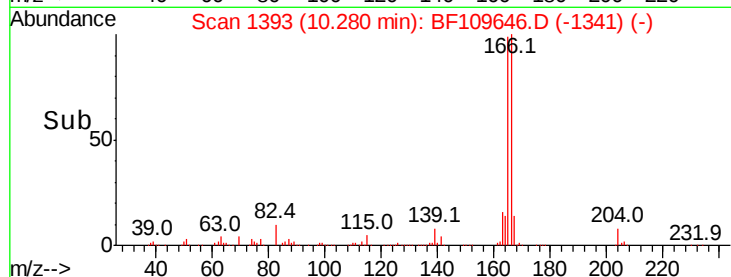
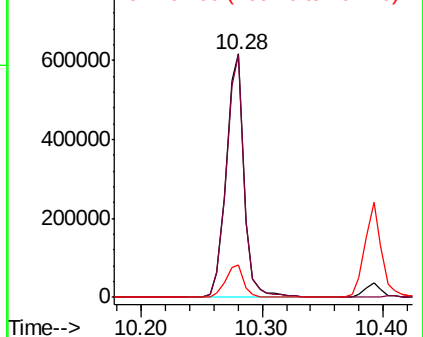


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.670 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Tgt Ion:232 Resp: 186447

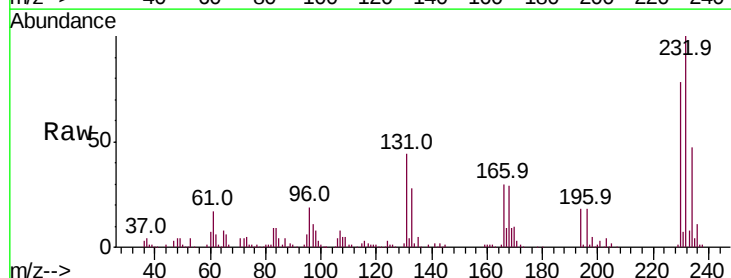
Ion Ratio Lower Upper

232 100

131 48.9 37.0 55.4

130 2.2 1.8 2.6

166 29.4 22.0 33.0



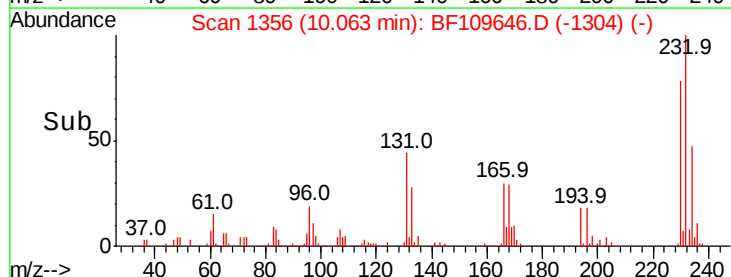
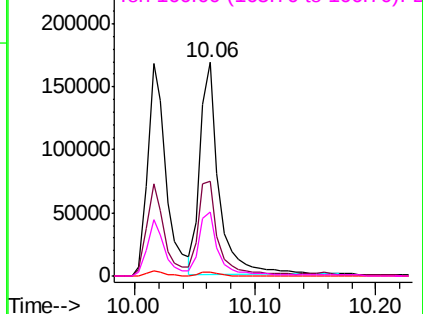
Abundance

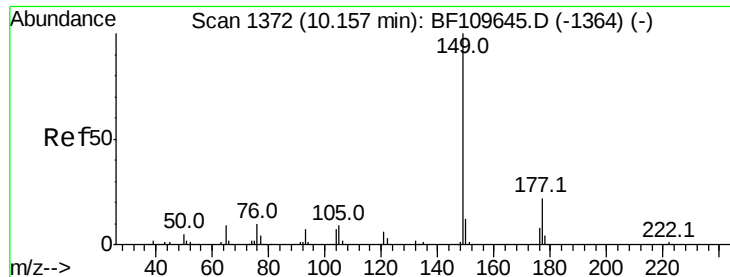
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

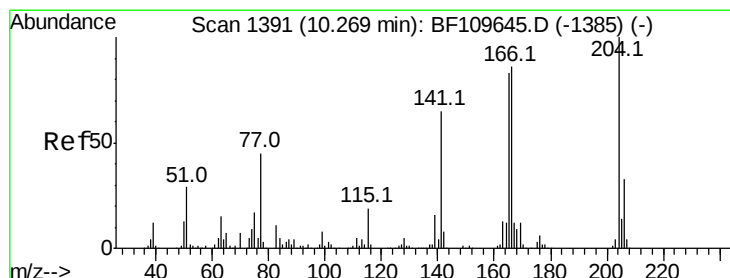
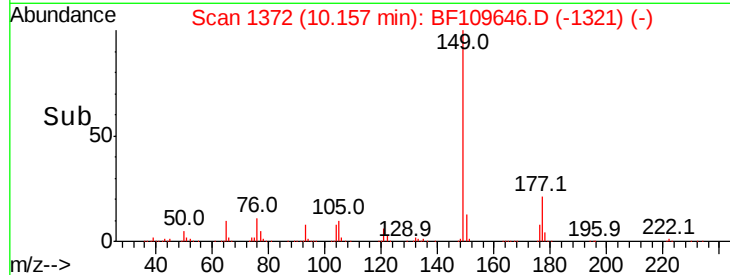
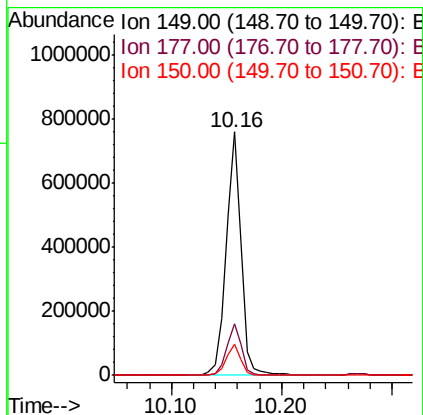
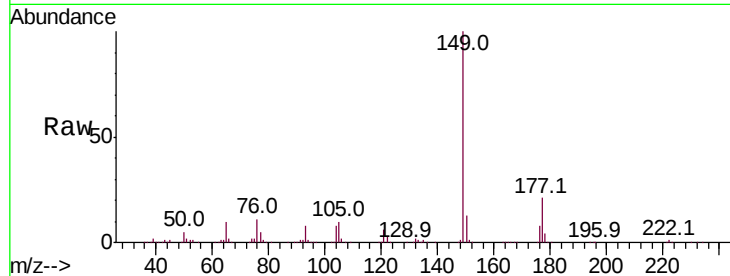




#59
Diethylphthalate
Concen: 46.302 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

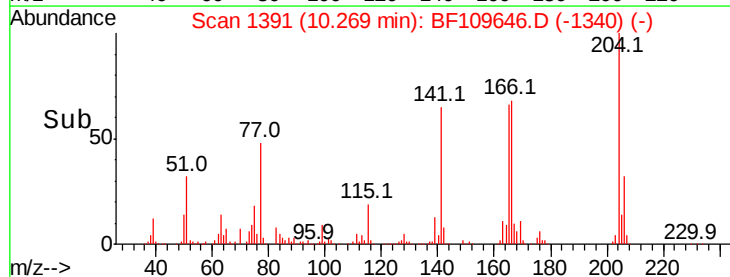
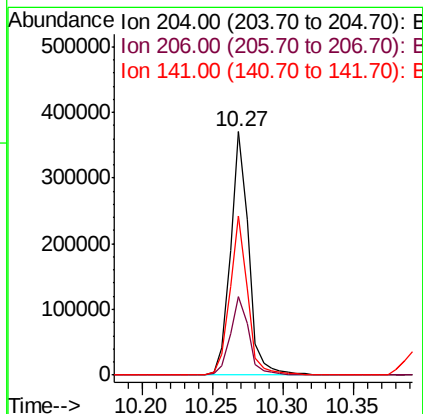
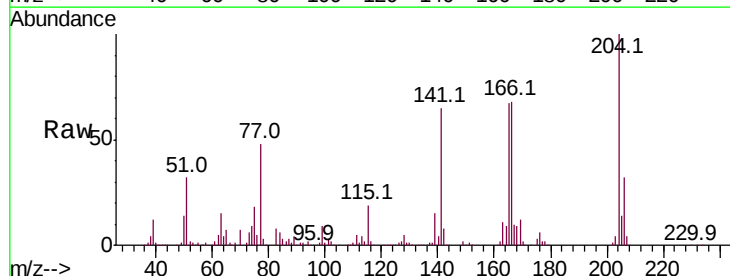
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

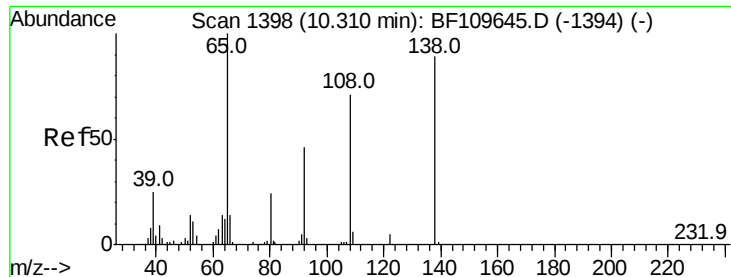
Tot Ion:149 Resp: 720455
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 47.753 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:204 Resp: 331930
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.3 51.8 77.8

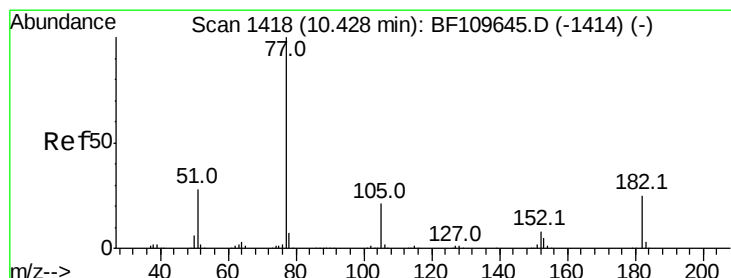
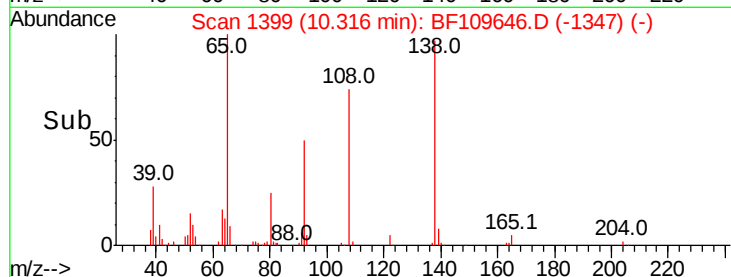
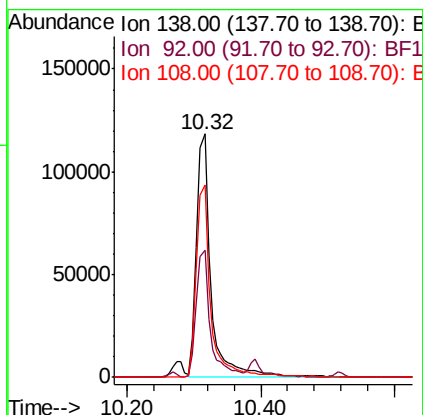
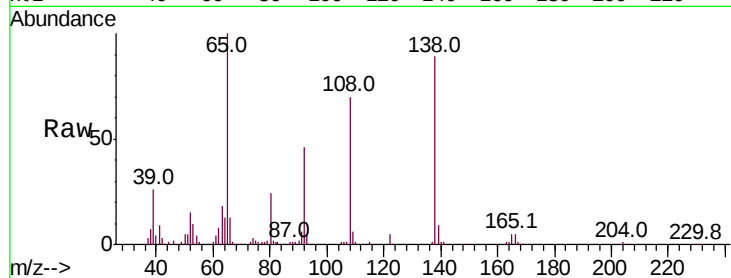




#61
4-Nitroaniline
Concen: 50.796 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

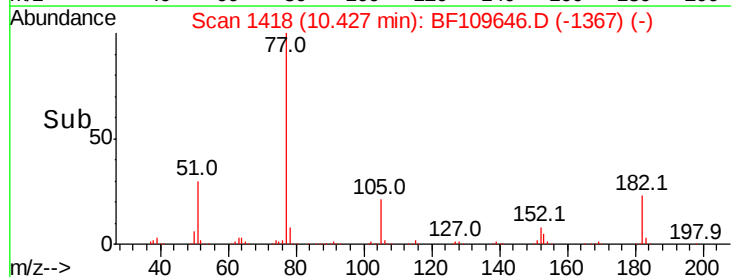
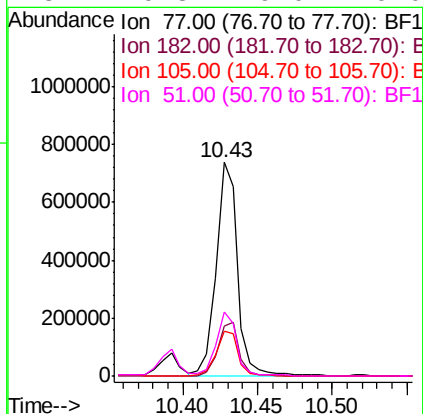
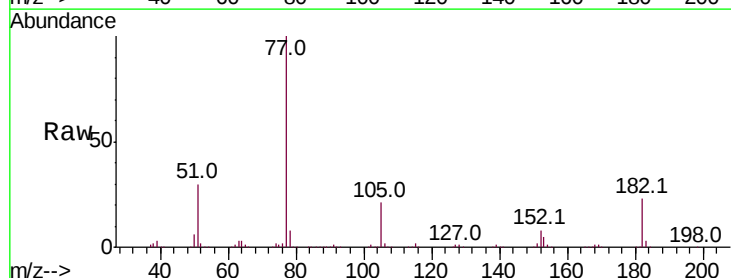
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

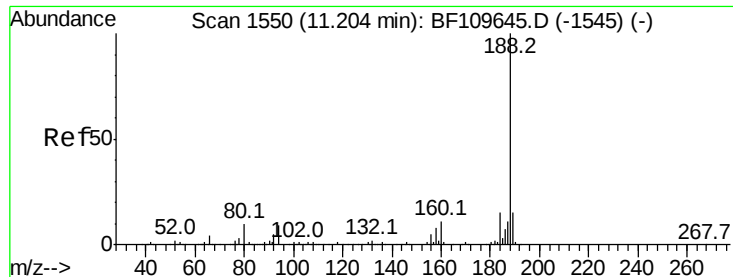
Tot Ion:138 Resp: 174582
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 79.1 59.3 99.3



#62
Azobenzene
Concen: 45.276 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion: 77 Resp: 731941
Ion Ratio Lower Upper
77 100
182 23.5 4.3 44.3
105 21.0 1.3 41.3
51 29.8 9.0 49.0

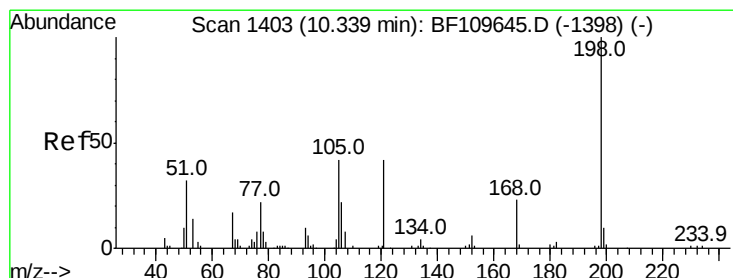
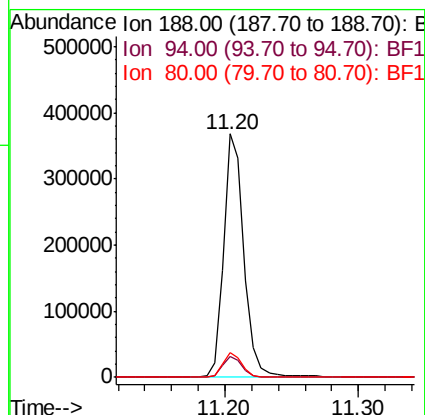
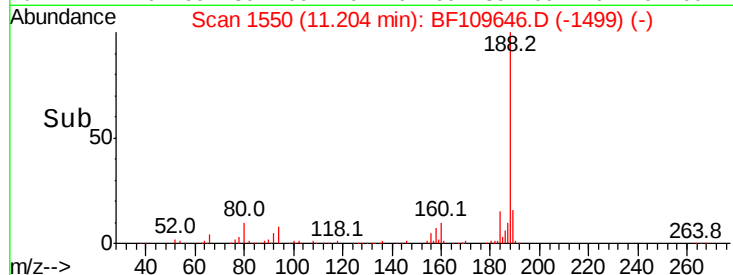
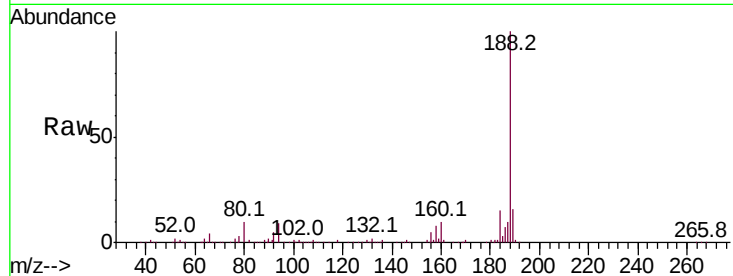




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

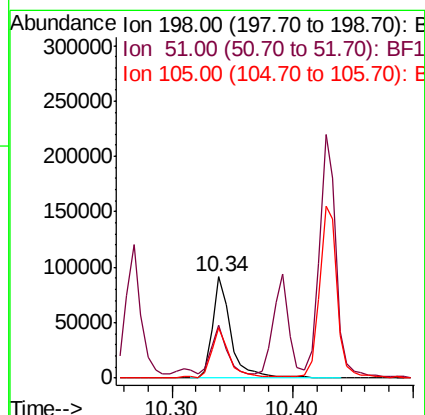
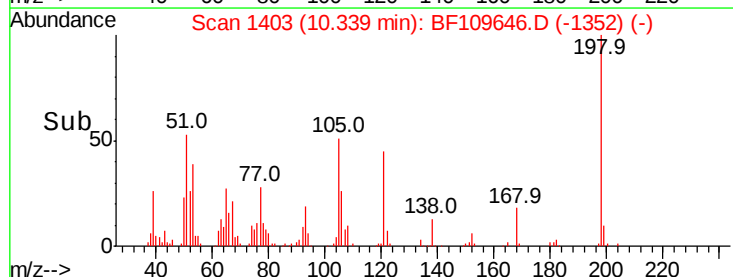
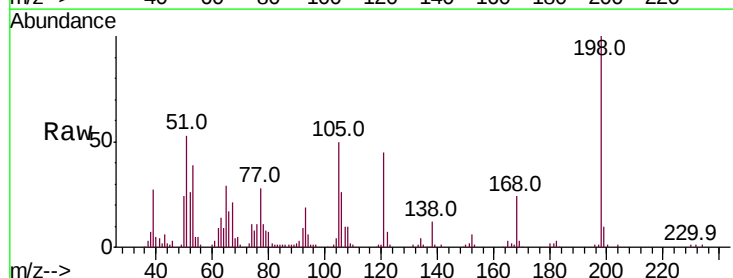
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

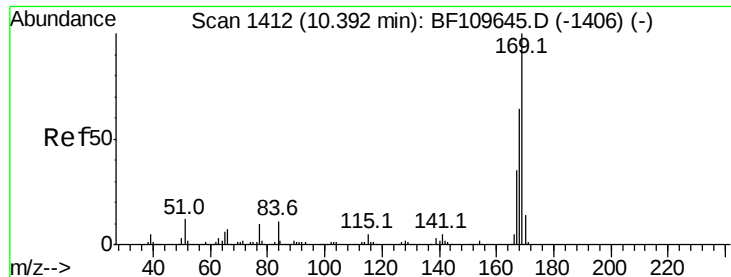
Tot Ion:188 Resp: 394405
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 67.864 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:198 Resp: 96703
Ion Ratio Lower Upper
198 100
51 52.6 22.8 62.8
105 50.1 23.6 63.6

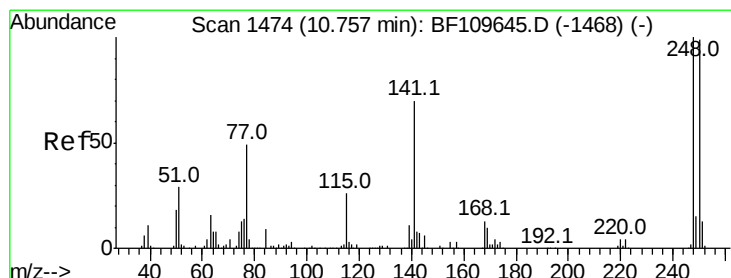
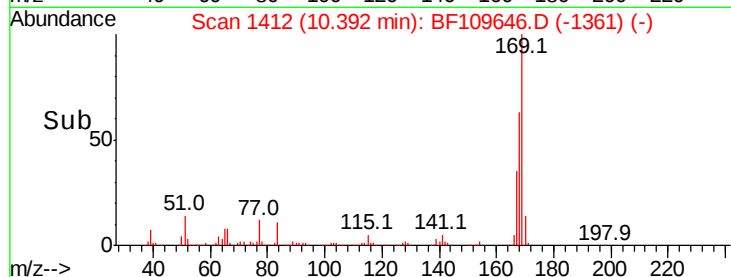
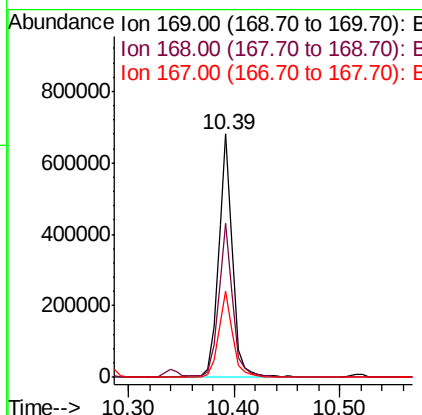
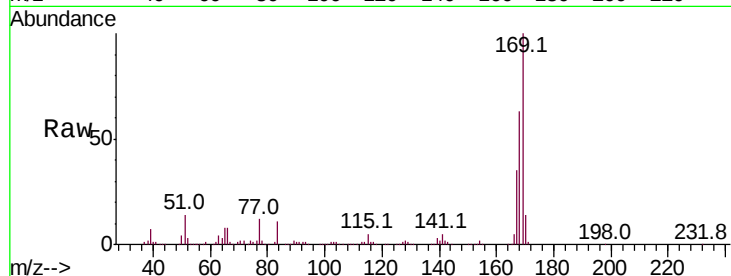




#65
 n-Nitrosodiphenylamine
 Concen: 48.590 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

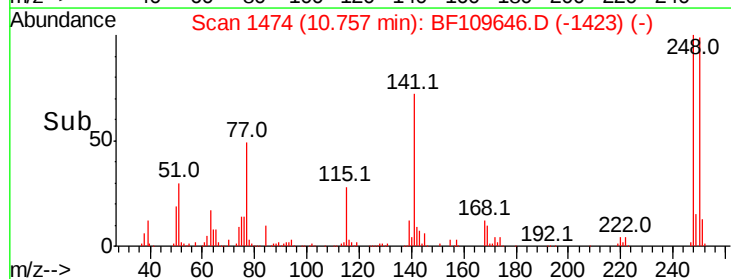
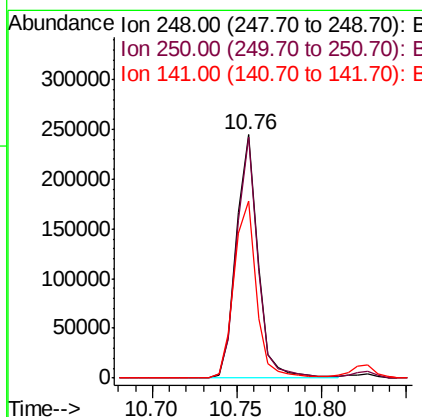
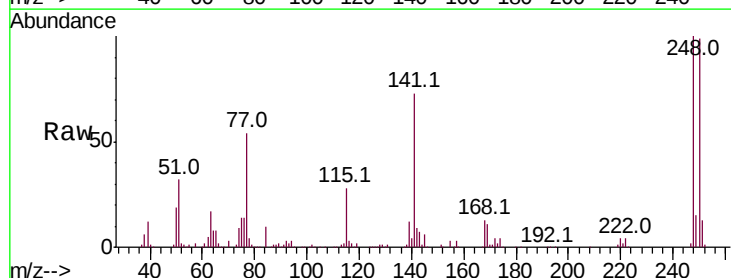
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

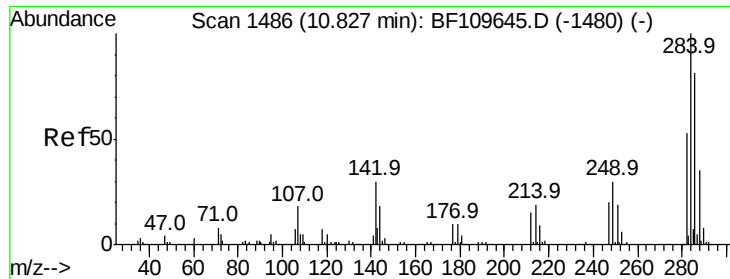
Tot Ion:169 Resp: 633177
 Ion Ratio Lower Upper
 169 100
 168 63.0 51.2 76.8
 167 35.2 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.806 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion:248 Resp: 218135
 Ion Ratio Lower Upper
 248 100
 250 99.1 79.4 119.2
 141 72.6 55.9 83.9

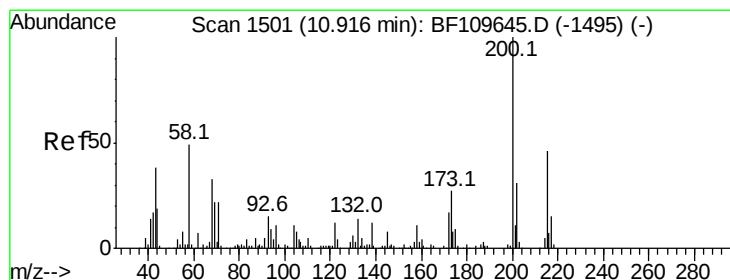
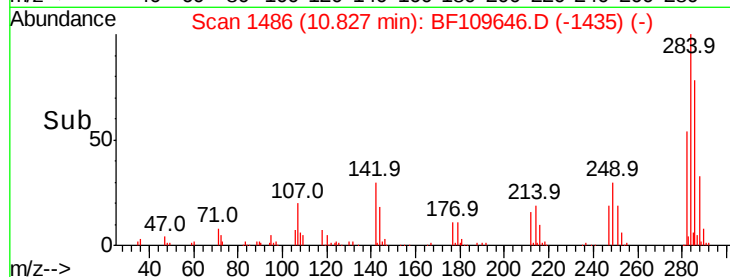
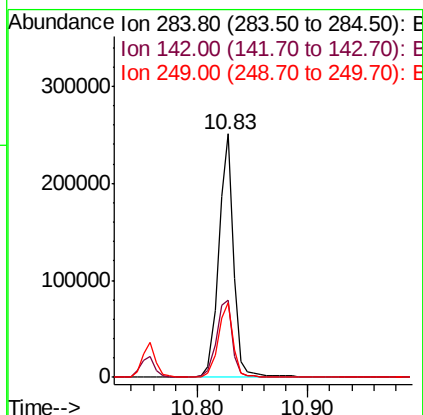
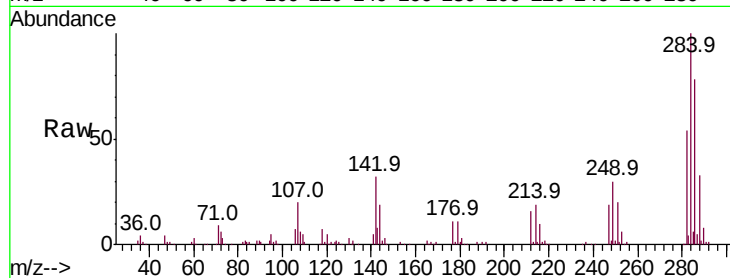




#67
Hexachlorobenzene
Concen: 50.483 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

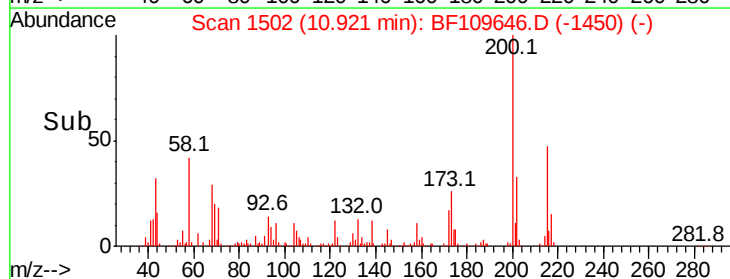
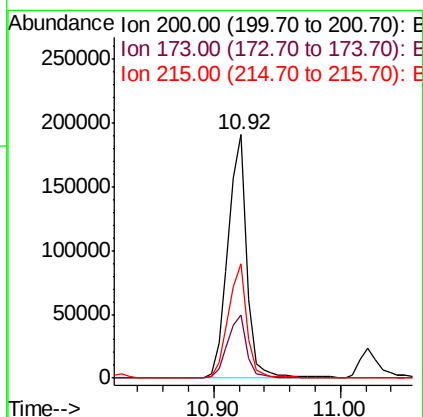
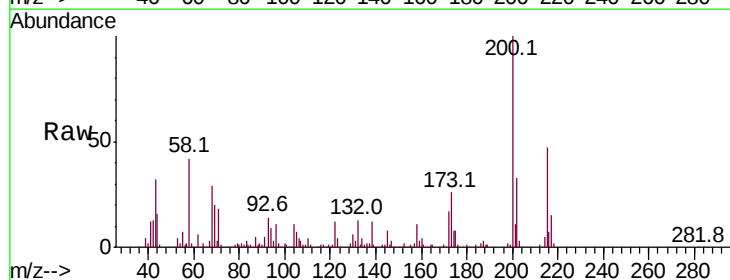
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

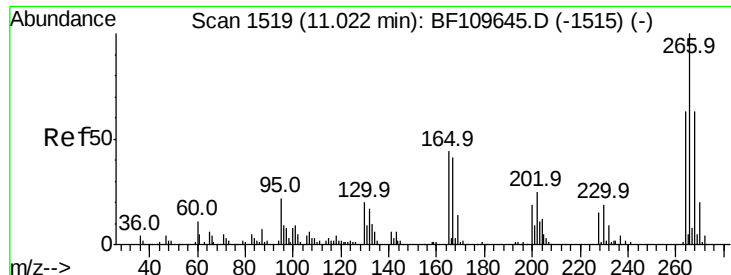
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.7	23.9	35.9
249	30.5	24.2	36.2



#68
Atrazine
Concen: 49.233 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	47.2	26.3	66.3

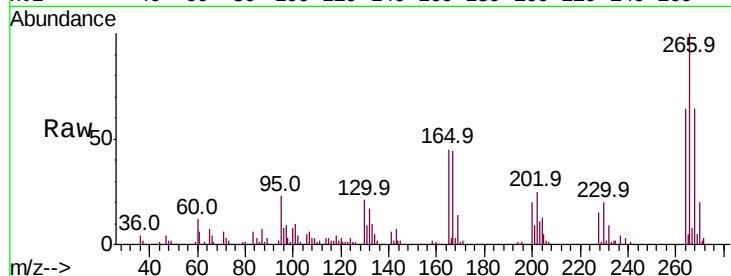




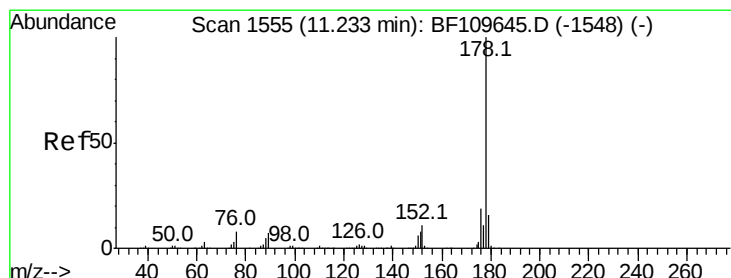
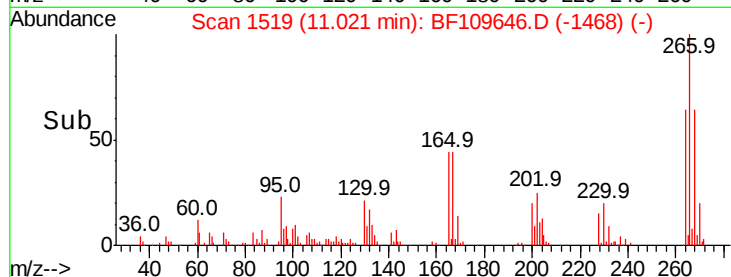
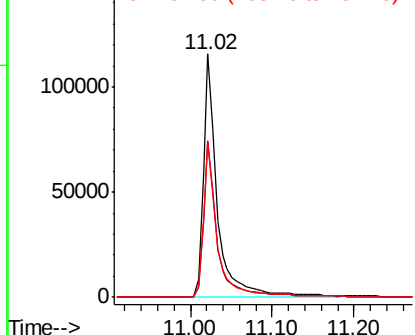
#69
 Pentachlorophenol
 Concen: 50.581 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	63.9	50.6	75.8

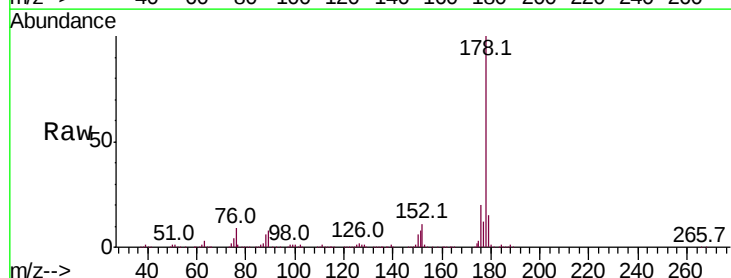


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

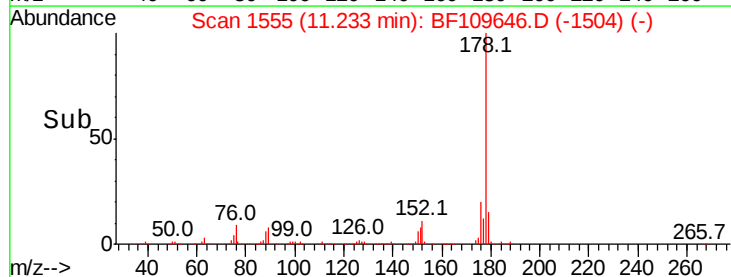
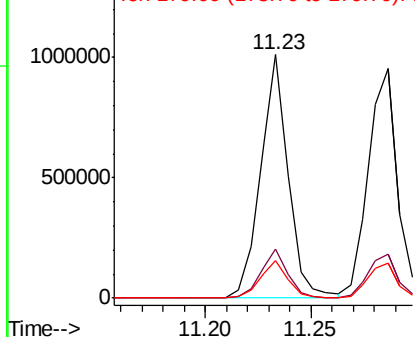


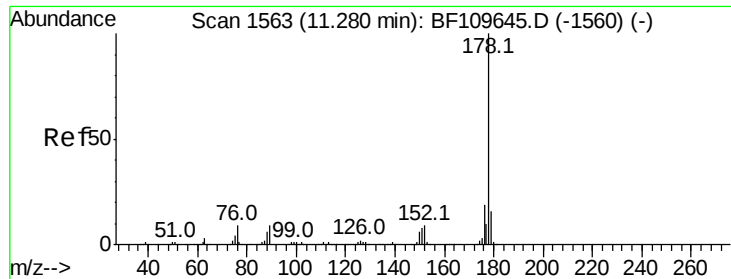
#70
 Phenanthrene
 Concen: 46.784 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	15.2	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

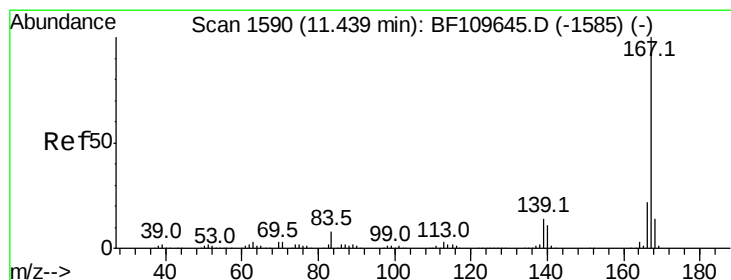
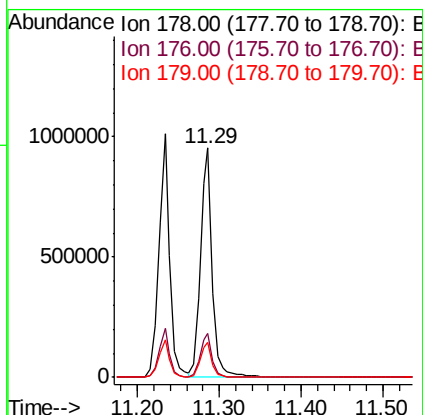
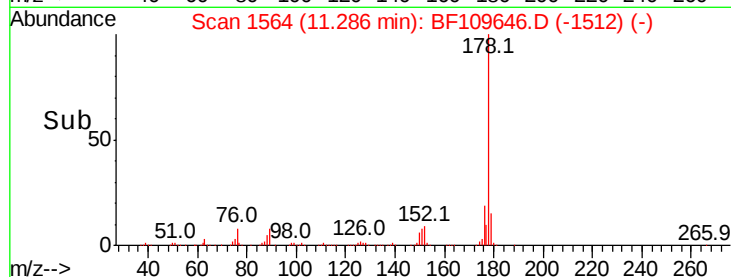
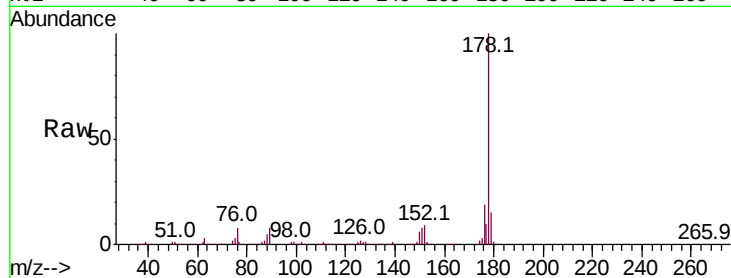




#71
 Anthracene
 Concen: 48.045 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

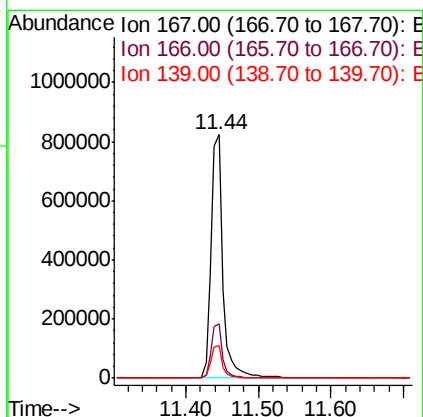
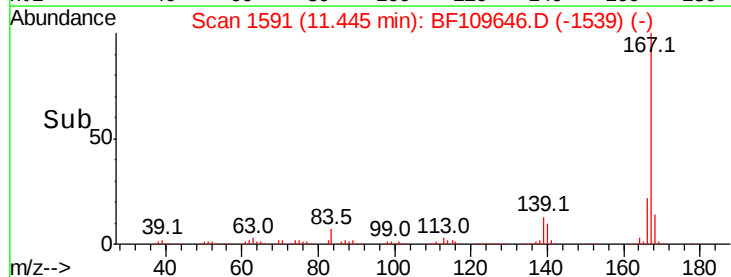
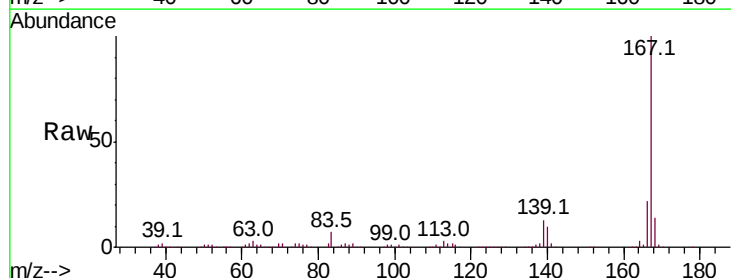
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

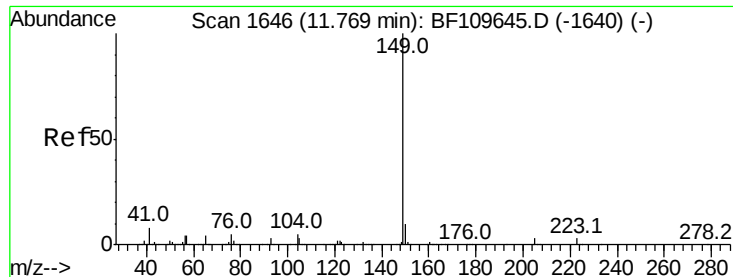
Tot Ion:178 Resp: 959634
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 18.8



#72
 Carbazole
 Concen: 46.853 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion:167 Resp: 931098
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.2 10.9 16.3

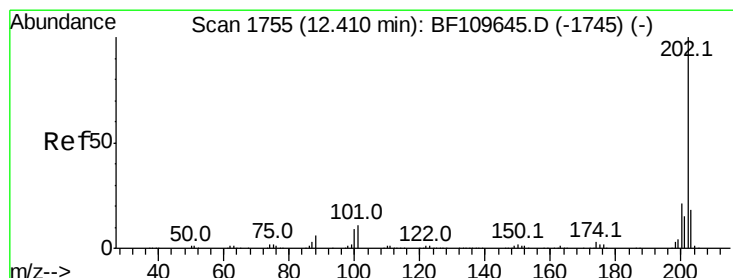
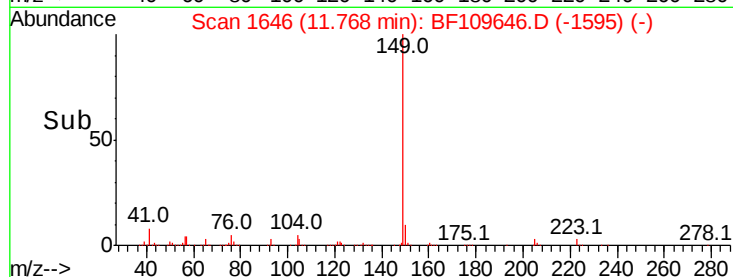
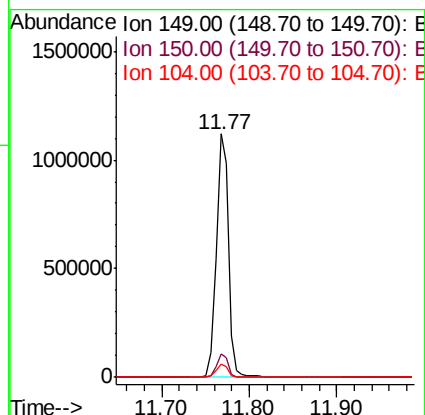
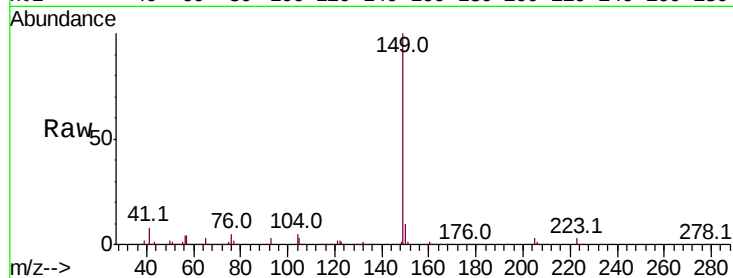




#73
Di-n-butylphthalate
Concen: 47.164 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

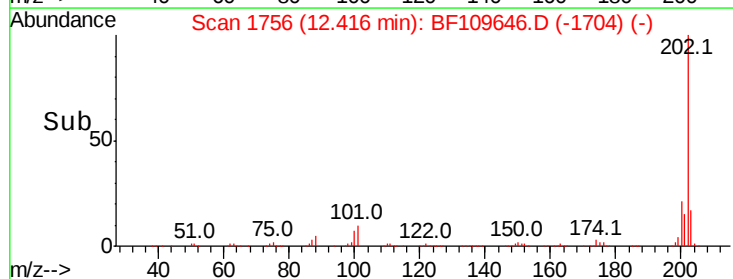
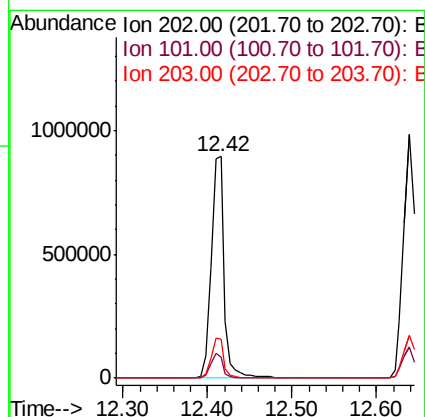
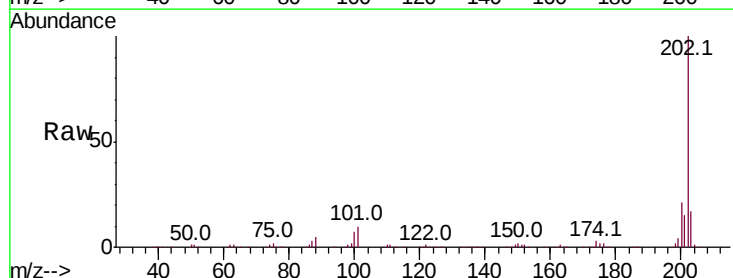
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

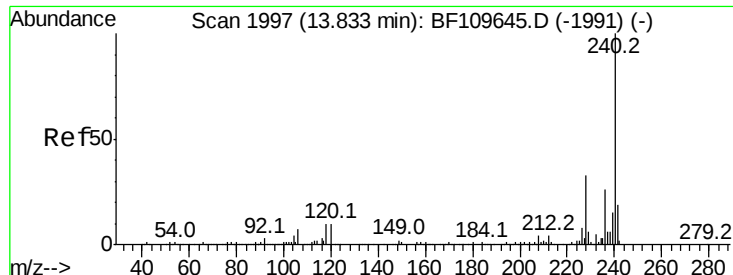
Tot Ion:149 Resp: 1078998
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.4 4.2 6.4



#74
Fluoranthene
Concen: 45.419 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:202 Resp: 955829
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 17.3 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: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

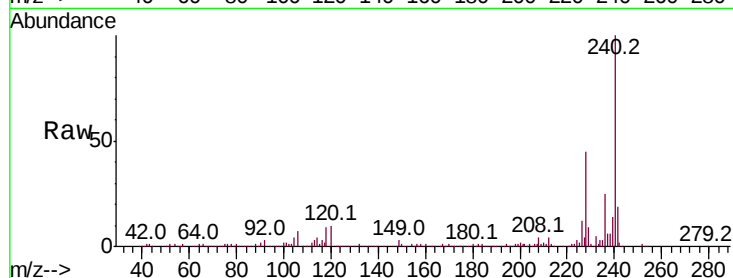
Tot Ion:240 Resp: 275128

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

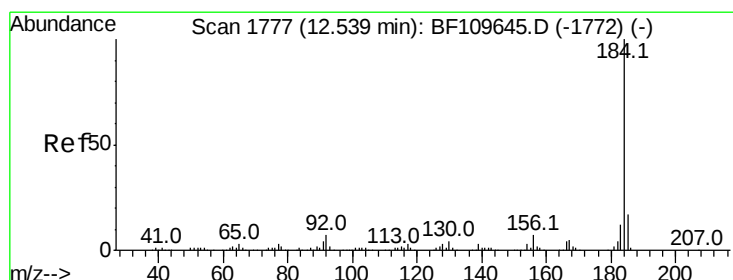
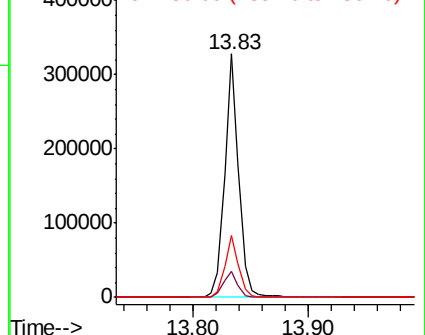
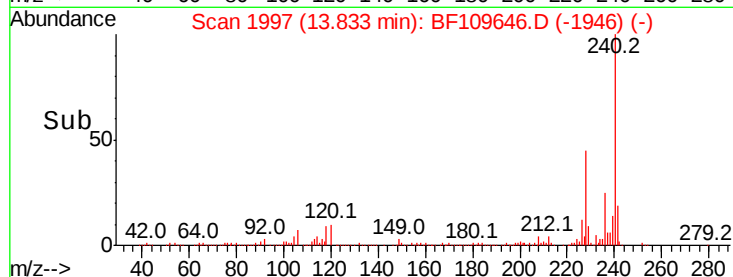
236 25.4 21.2 31.8



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: 49.672 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

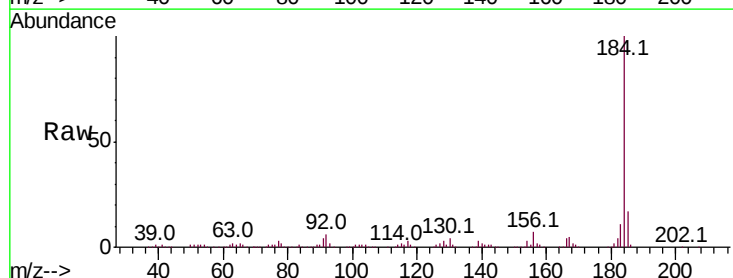
Tgt Ion:184 Resp: 492728

Ion Ratio Lower Upper

184 100

185 16.9 13.4 20.2

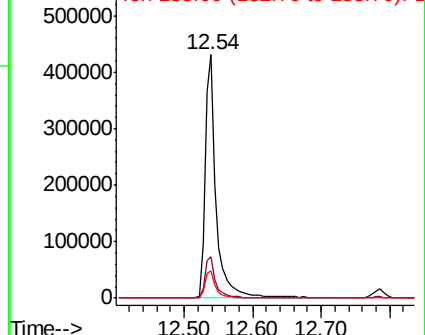
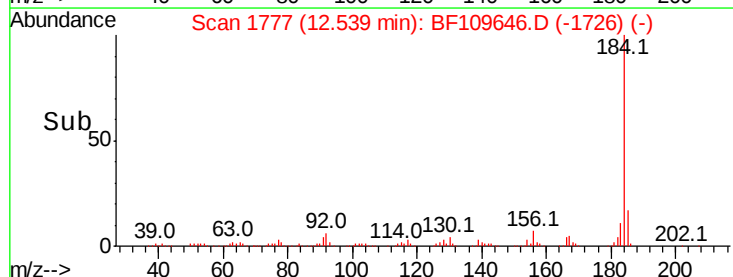
183 11.4 9.4 14.2

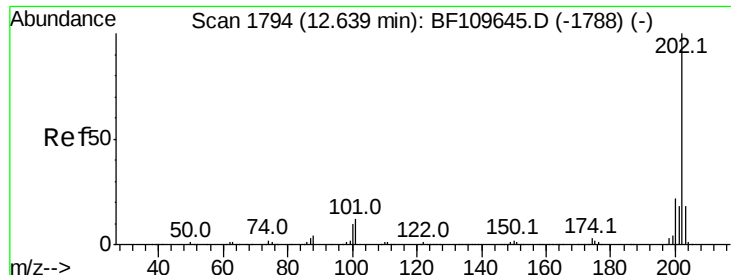


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

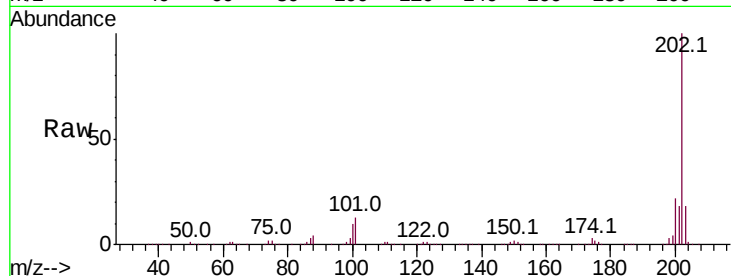




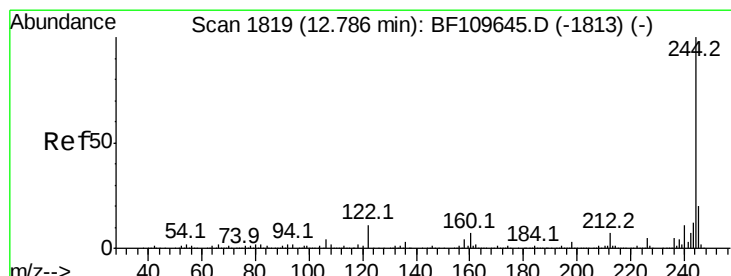
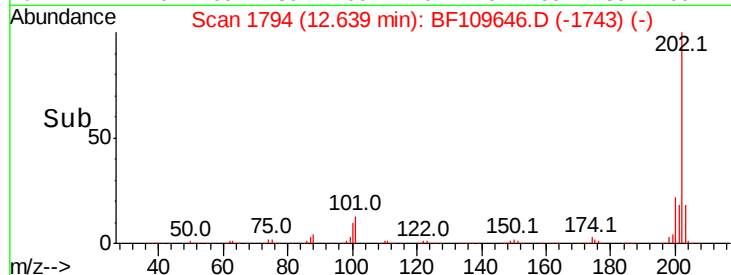
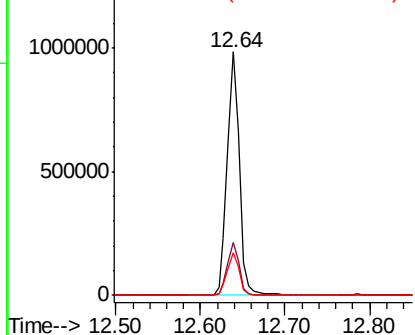
#77
Pvrene
Concen: 49.709 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:202 Resp: 980155
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 17.7 14.2 21.4

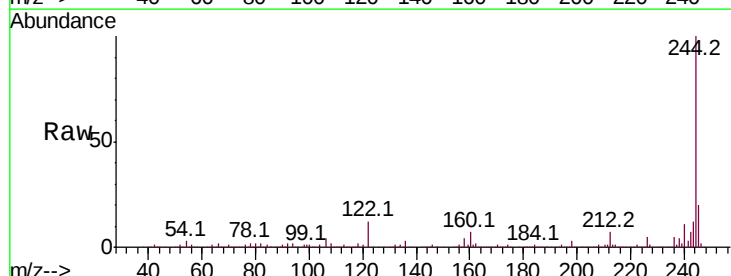


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

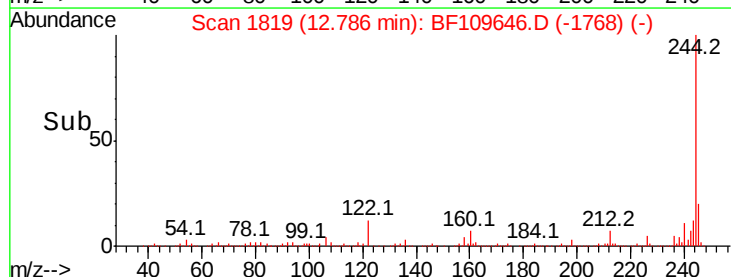
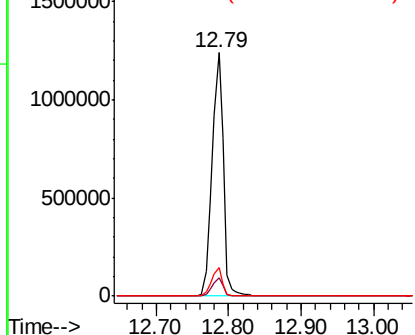


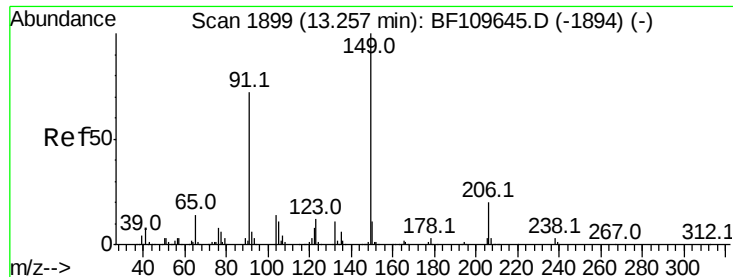
#78
Terphenyl-d14
Concen: 120.002 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:244 Resp: 1345301
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.9 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

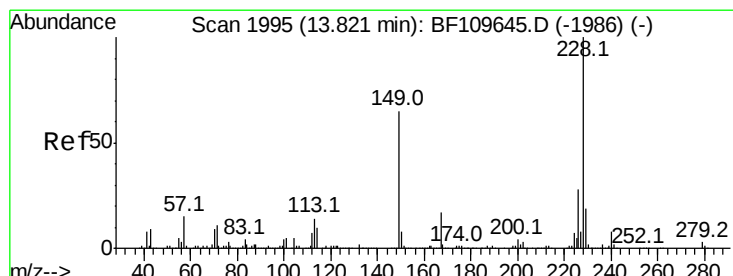
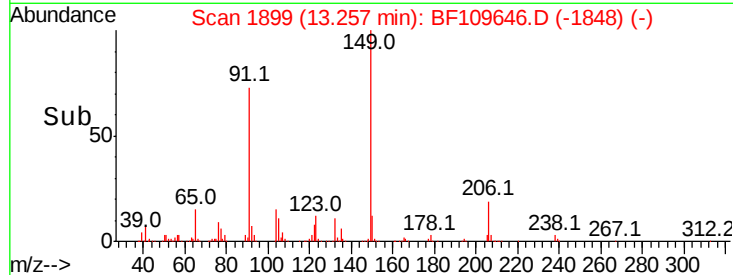
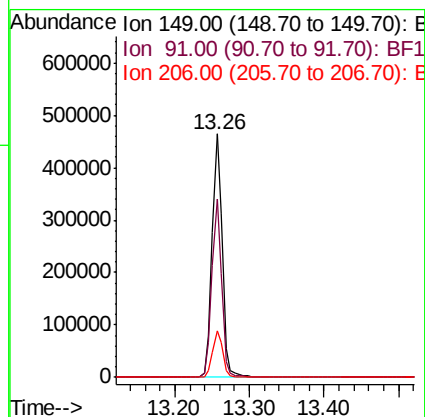
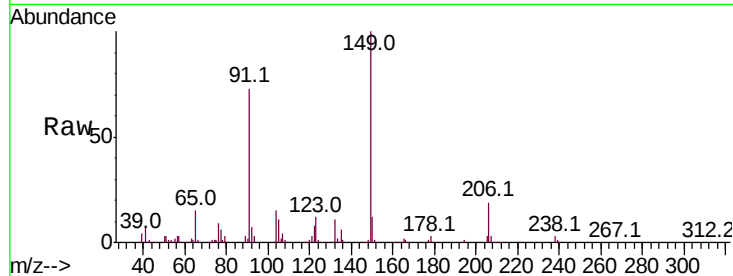




#79
Butylbenzylphthalate
Concen: 52.268 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

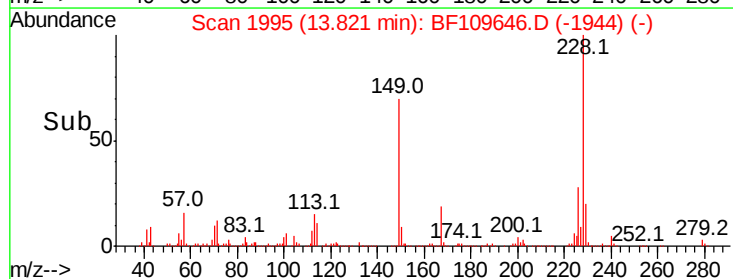
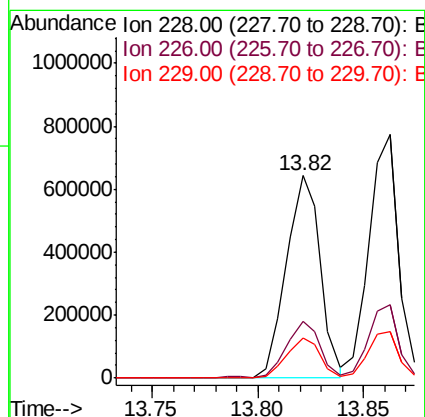
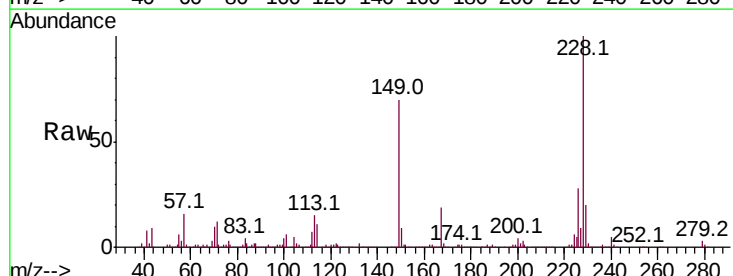
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

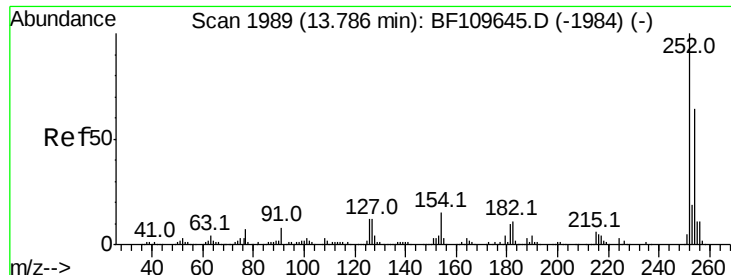
Tot Ion:149 Resp: 438465
Ion Ratio Lower Upper
149 100
91 73.3 57.2 85.8
206 18.9 15.7 23.5



#80
Benzo(a)anthracene
Concen: 43.476 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:228 Resp: 720471
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.1 15.6 23.4

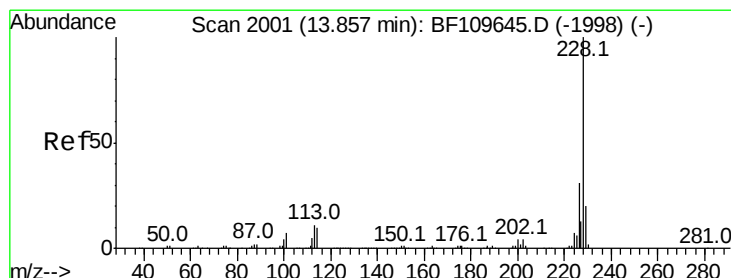
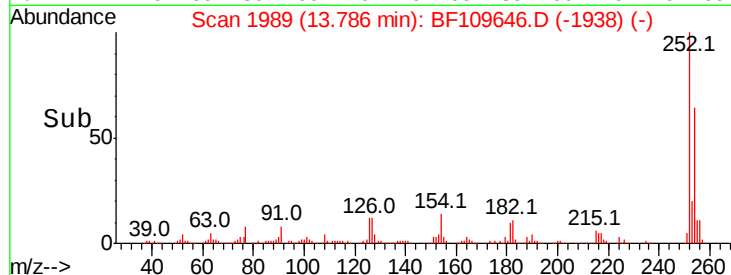
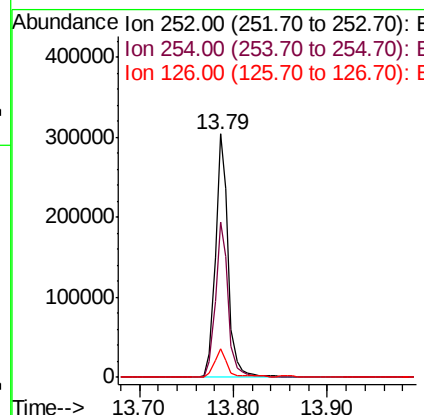
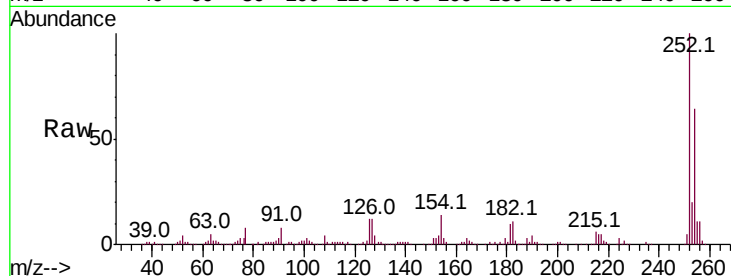




#81
 3,3'-Dichlorobenzidine
 Concen: 46.508 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

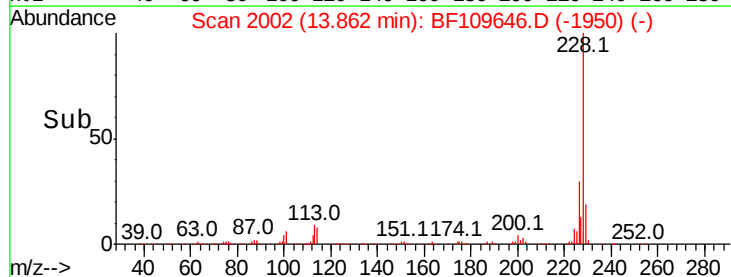
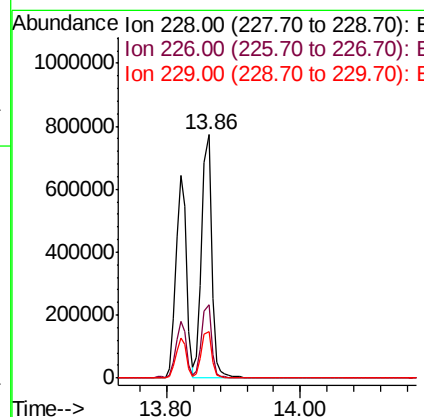
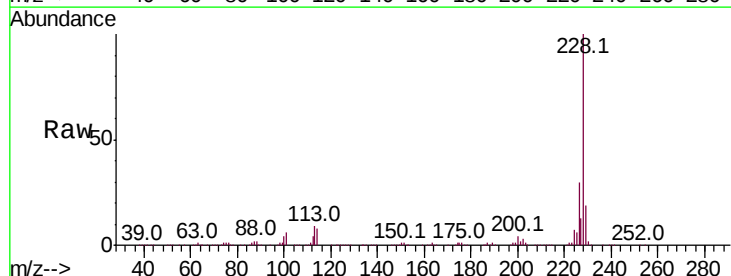
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

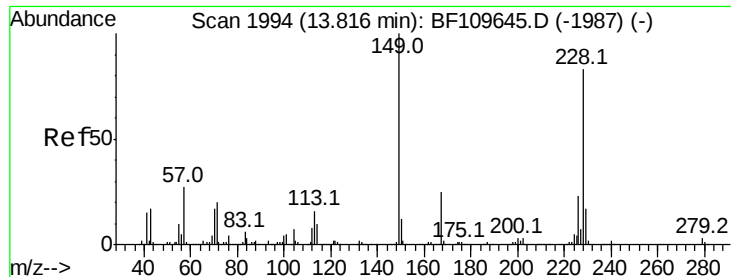
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	11.8	9.4	14.2



#82
 Chrysene
 Concen: 47.313 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.3	15.9	23.9

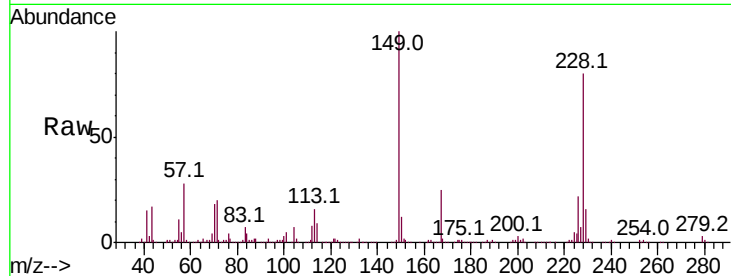




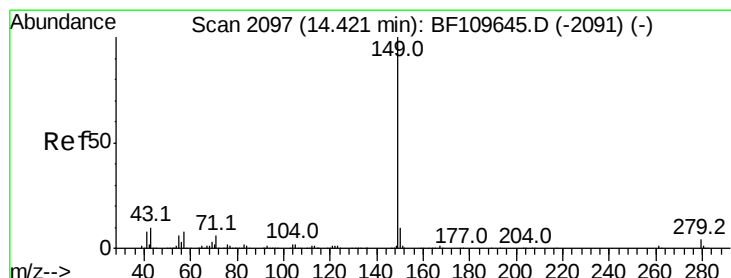
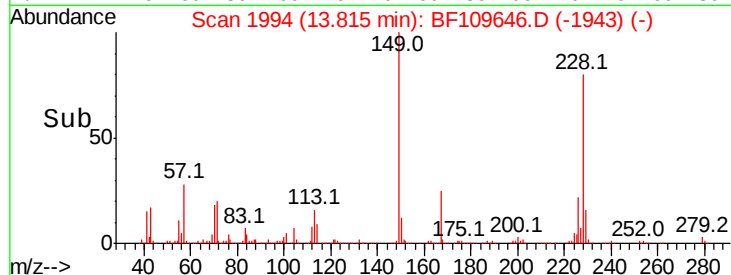
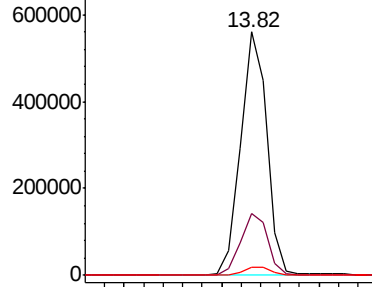
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.188 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.8	29.8
279	3.4	2.7	4.1

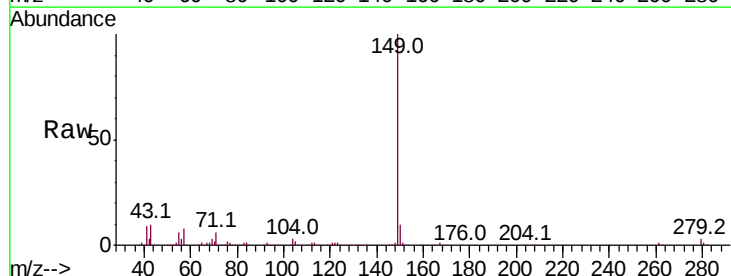


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

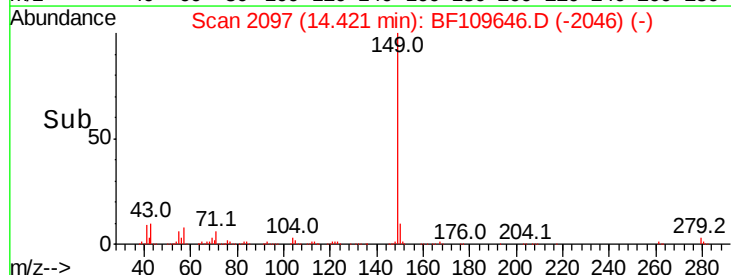
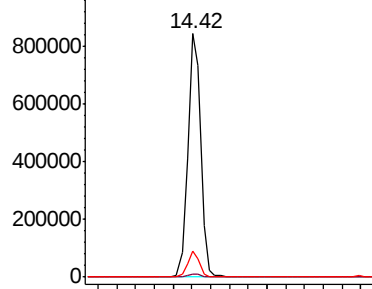


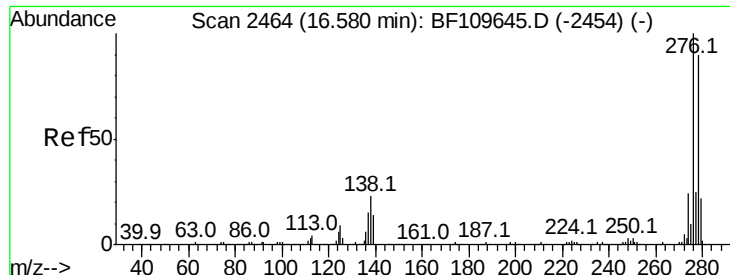
#84
 Di-n-octyl phthalate
 Concen: 45.126 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109646.D
 Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.8	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

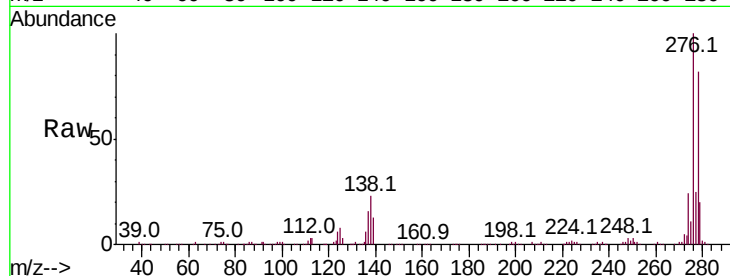




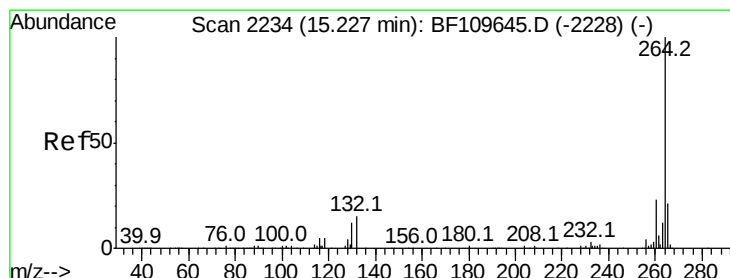
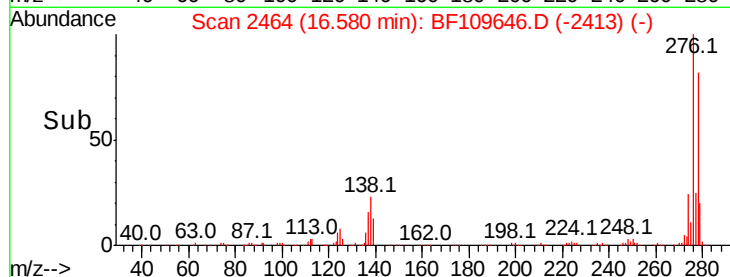
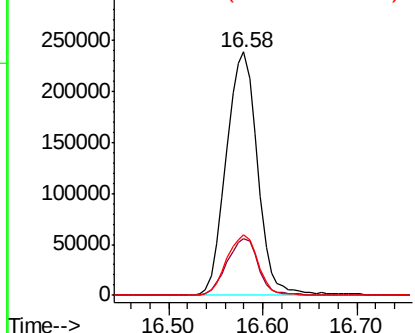
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.635 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:276 Resp: 554313
Ion Ratio Lower Upper
276 100
138 23.4 18.5 27.7
277 25.3 20.0 30.0

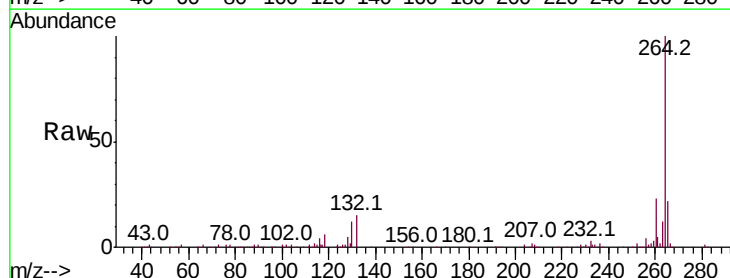


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

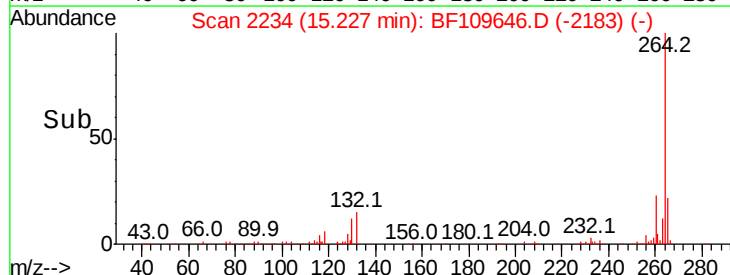
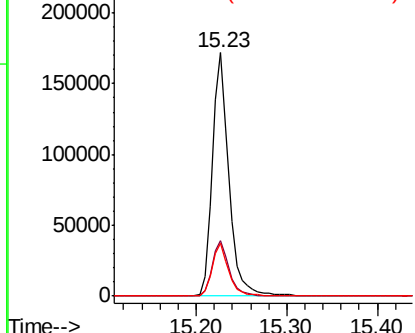


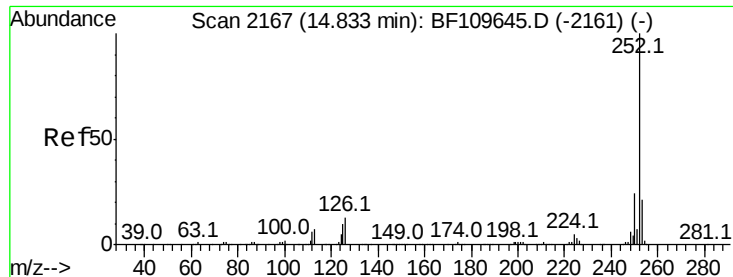
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:264 Resp: 218433
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.7 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

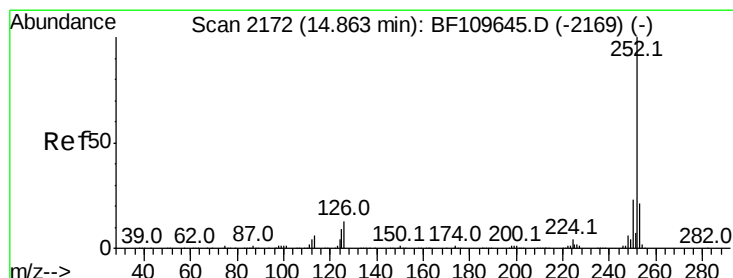
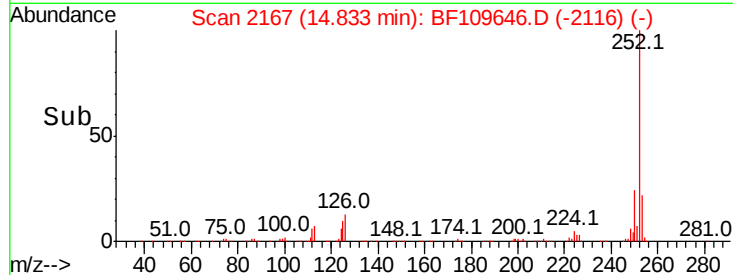
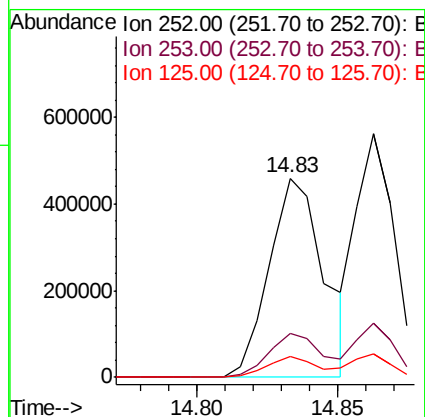
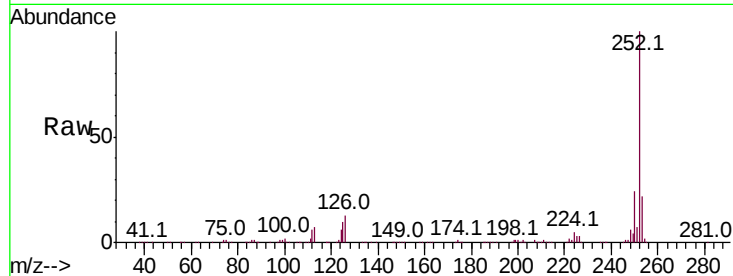




#87
Benzo(b)fluoranthene
Concen: 51.597 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

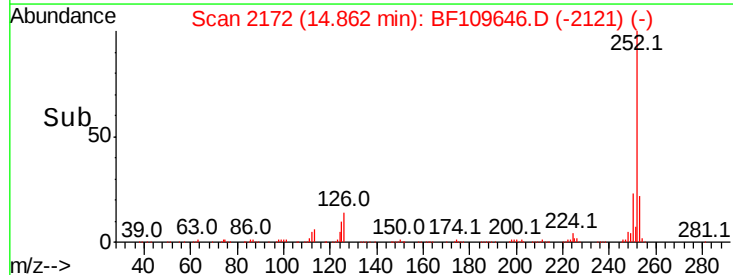
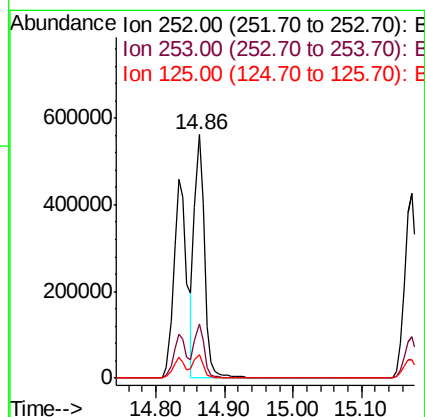
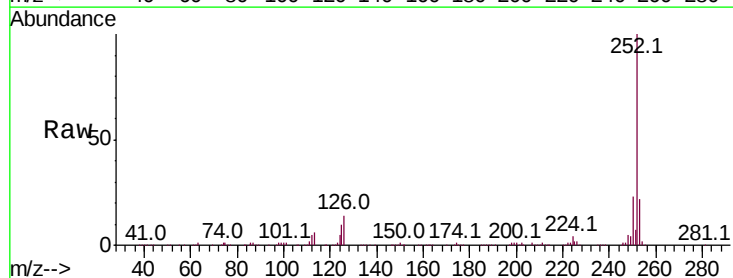
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

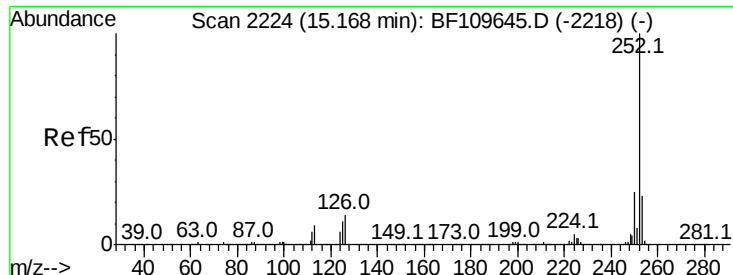
Tot Ion:252 Resp: 619302
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.2 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 49.310 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion:252 Resp: 561626
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.6 7.4 11.0

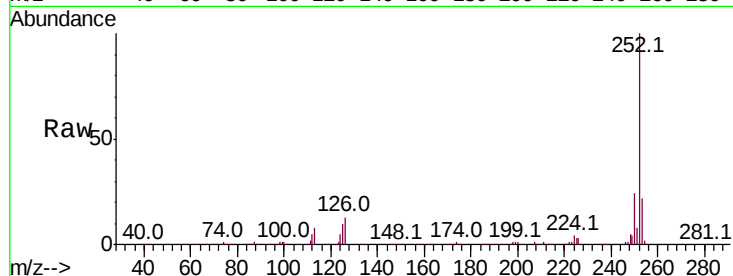




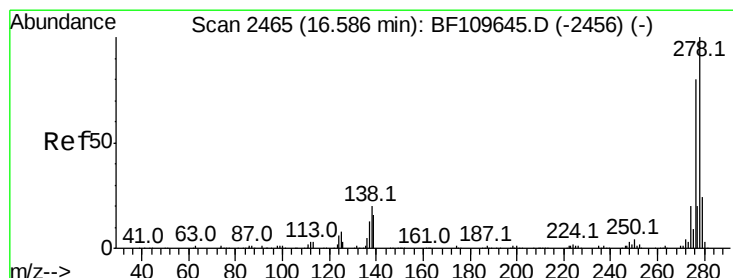
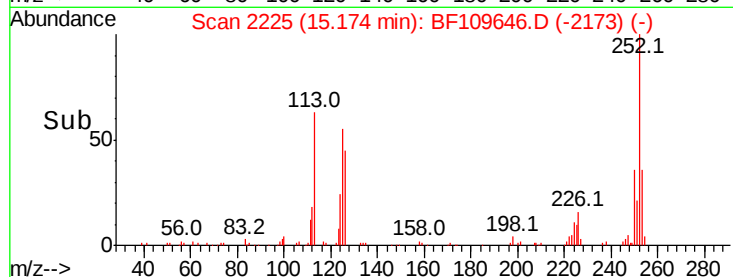
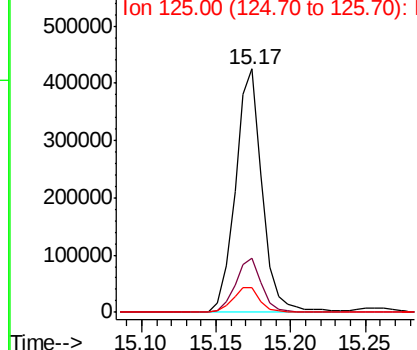
#89
Benzo(a)pyrene
Concen: 49.201 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.1	9.0	13.6



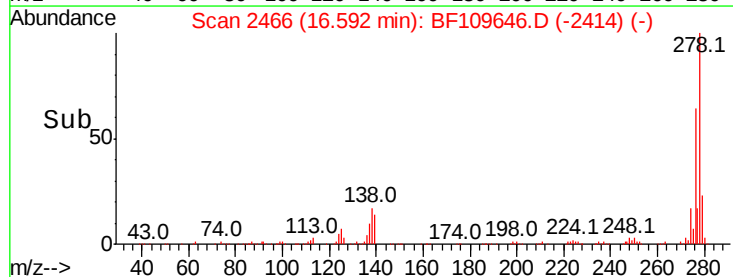
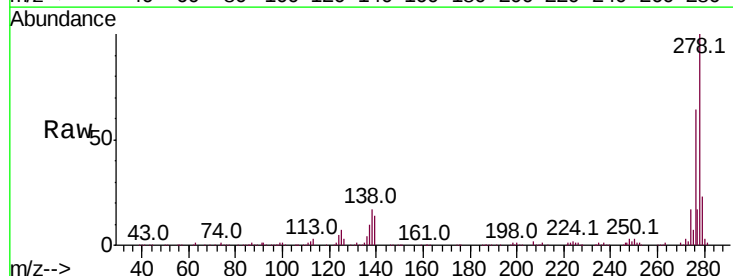
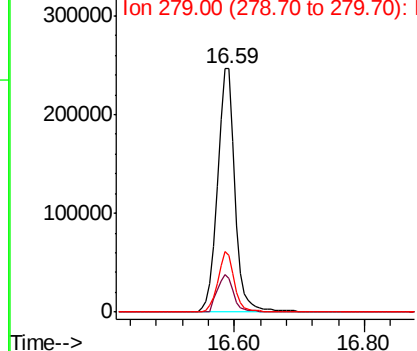
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

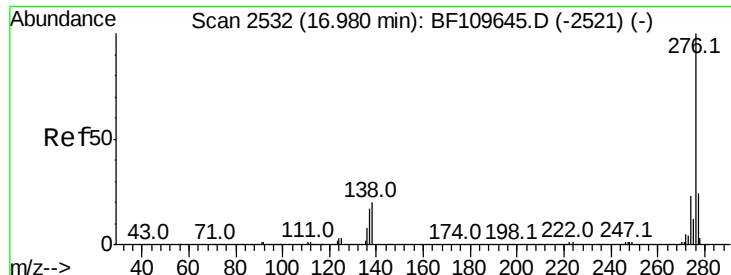


#90
Dibenzo(a,h)anthracene
Concen: 51.857 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109646.D
Acq: 8 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.7	19.1
279	23.1	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 54.406 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109646.D

Acq: 8 Oct 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

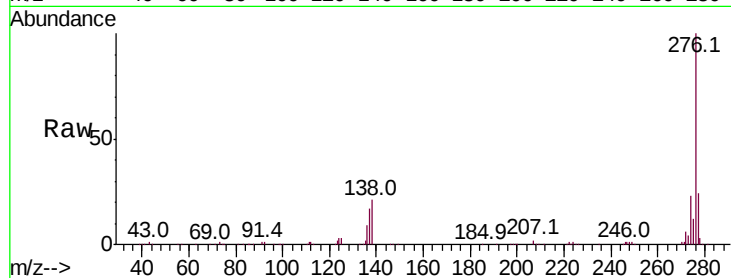
Tot Ion:276 Resp: 474445

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.7 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

