

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112349.D
 Acq On : 1 Feb 2019 14:14
 Operator : JU/SJ
 Sample : K1297-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C4-SS1

Quant Time: Feb 01 16:15:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

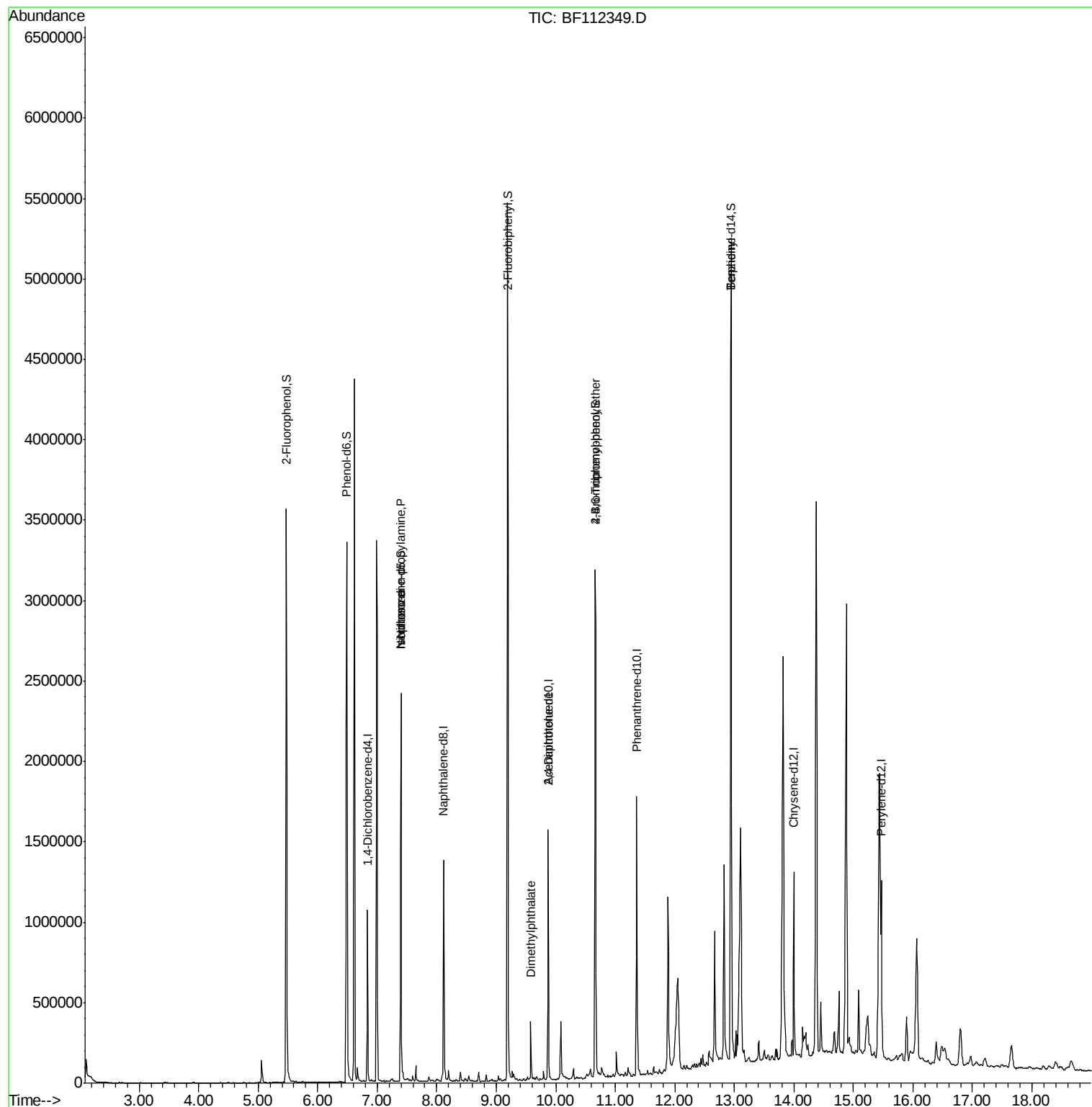
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	169657	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	654340	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	321817	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	627392	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	397004	20.00	ng	-0.01
87) Perylene-d12	15.47	264	348895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1006086	125.96	ng	0.00
7) Phenol-d6	6.49	99	1276757	115.03	ng	0.00
23) Nitrobenzene-d5	7.40	82	812095	71.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	444281	118.61	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1707331	75.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1726580	81.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	111311	14.544	ng	# 77
25) Isophorone	7.40	82	812085	45.583	ng	# 64
50) Dimethylphthalate	9.59	163	159031	6.360	ng	98
57) 2,4-Dinitrotoluene	9.87	165	42592	5.974	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	26632	3.609	ng	# 1
77) Benzidine	12.94	184	24186	2.213	ng	98

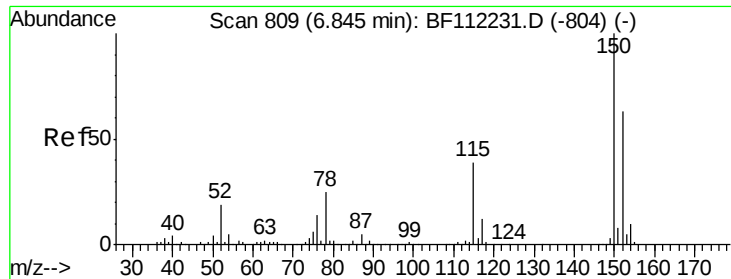
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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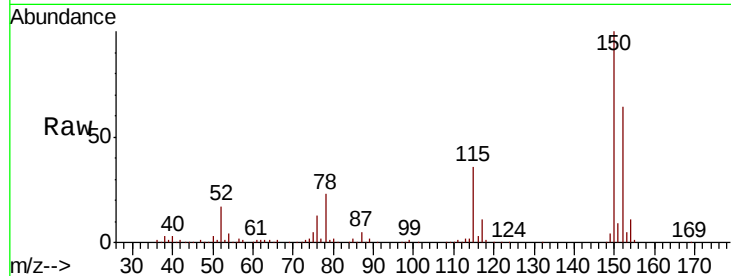


#1

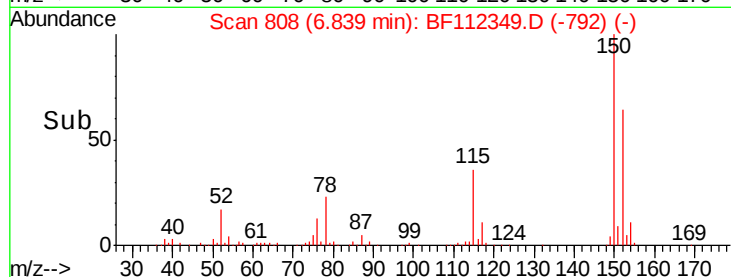
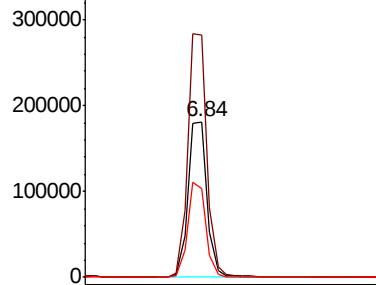
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

Instrument :
BNA_F
ClientSampleId :
A0C4-SS1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	56.6	45.5	68.3



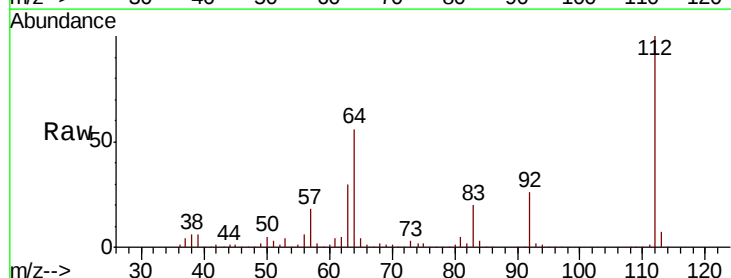
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



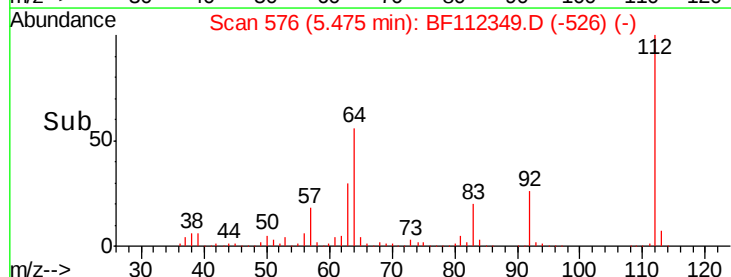
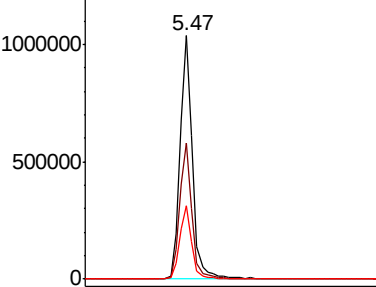
#5

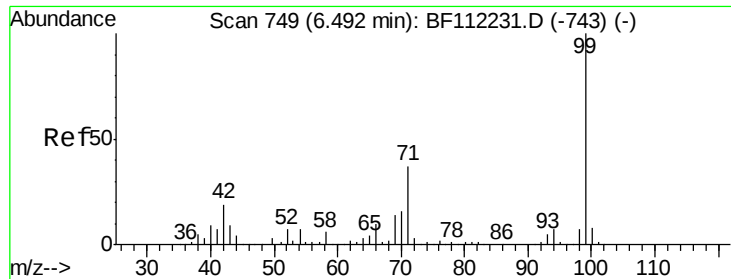
2-Fluorophenol
Concen: 125.960 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	30.2	23.6	35.4



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





#7

Phenol-d6

Concen: 115.035 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

Instrument :

BNA_F

ClientSampleId :

A0C4-SS1

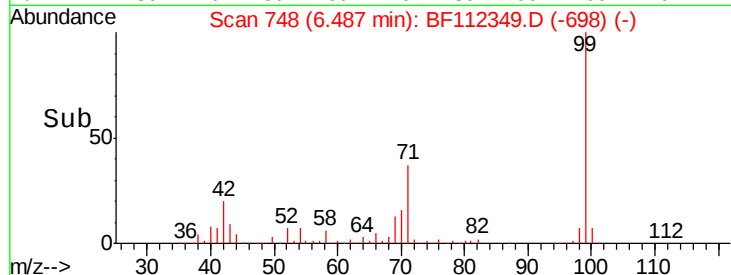
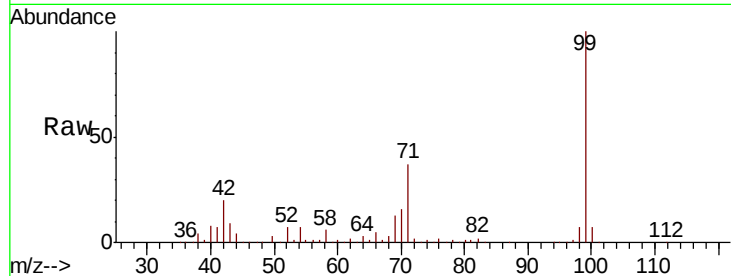
Tot Ion: 99 Resp: 1276757

Ion Ratio Lower Upper

99 100

42 19.5 15.1 22.7

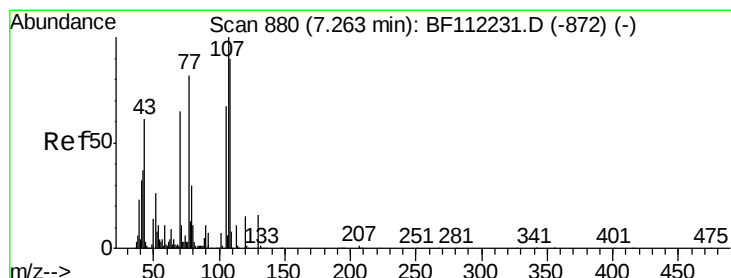
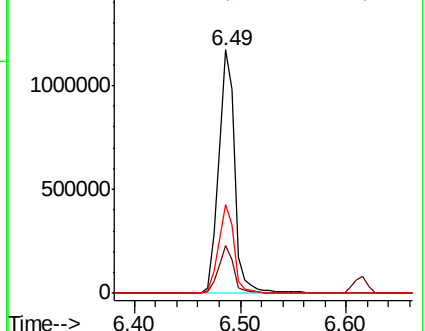
71 36.7 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.544 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

Tgt Ion: 70 Resp: 111311

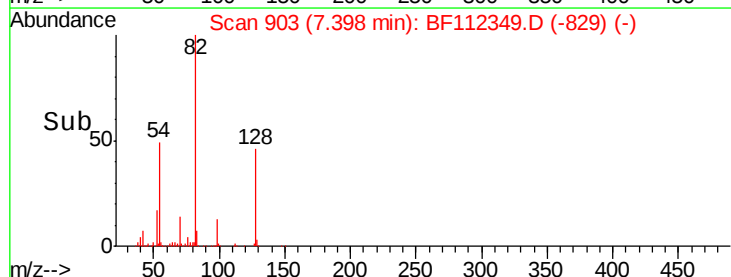
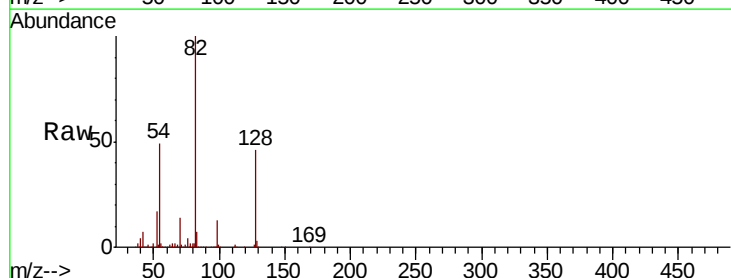
Ion Ratio Lower Upper

70 100

42 48.0 47.6 71.4

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

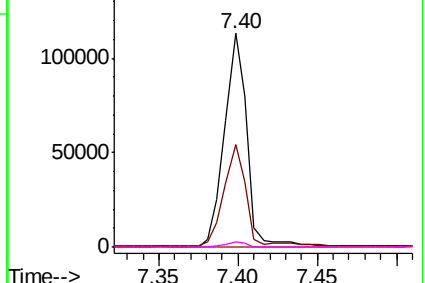


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

Instrument :

BNA_F

ClientSampleId :

A0C4-SS1

Tot Ion:136 Resp: 654340

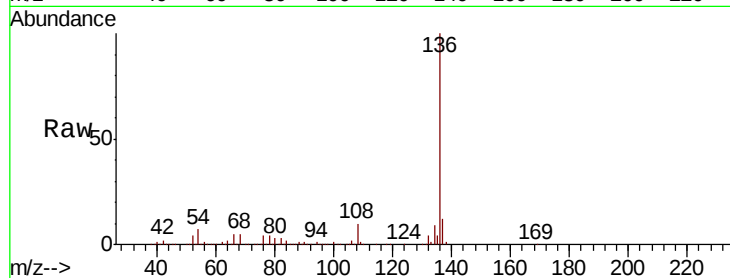
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.8 5.9 8.9

68 5.2 5.1 7.7

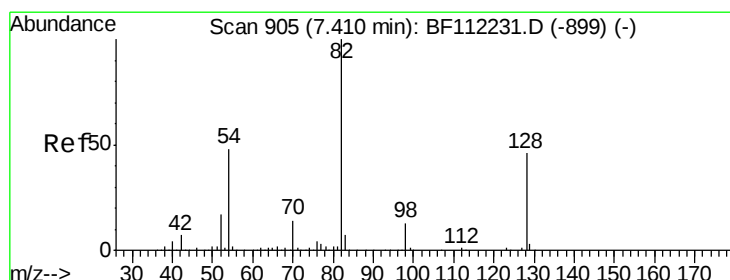
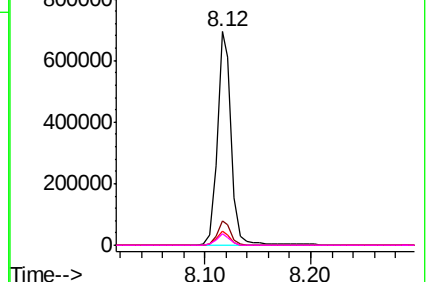
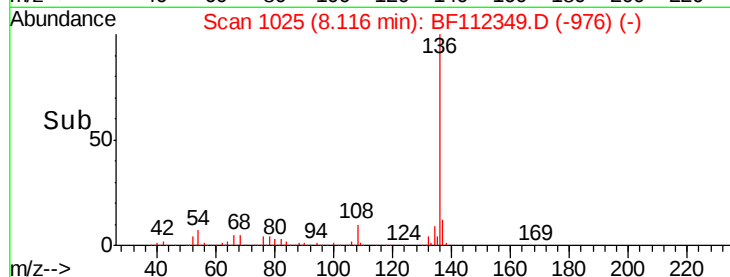


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 71.511 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

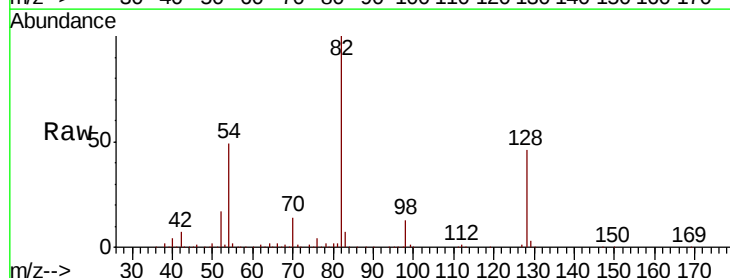
Tgt Ion: 82 Resp: 812095

Ion Ratio Lower Upper

82 100

128 45.6 37.8 56.8

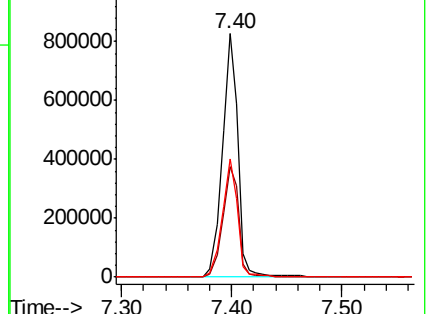
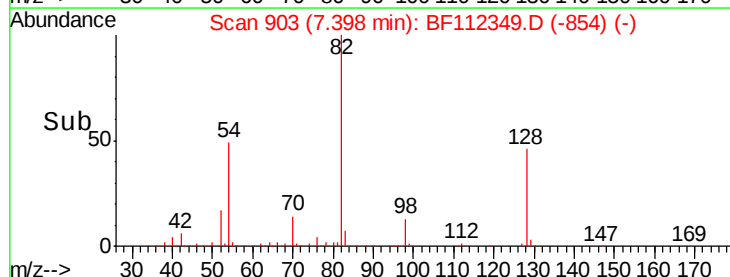
54 48.6 39.7 59.5

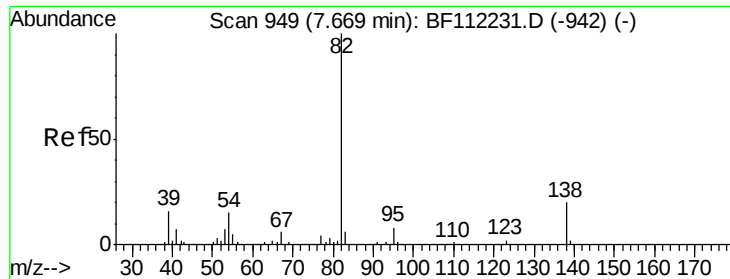


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.583 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

Instrument :

BNA_F

ClientSampled :

A0C4-SS1

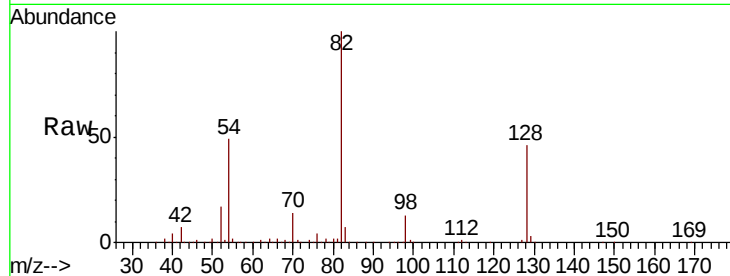
Tot Ion: 82 Resp: 812085

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

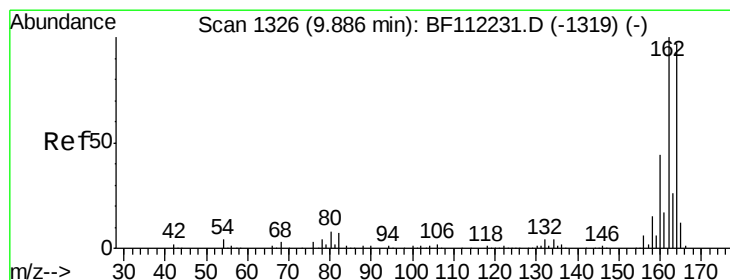
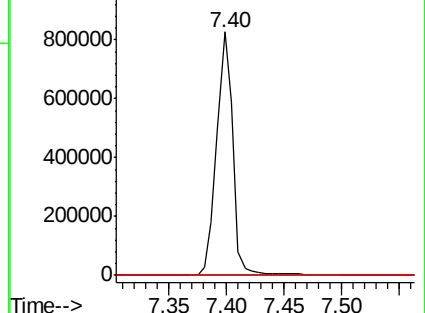
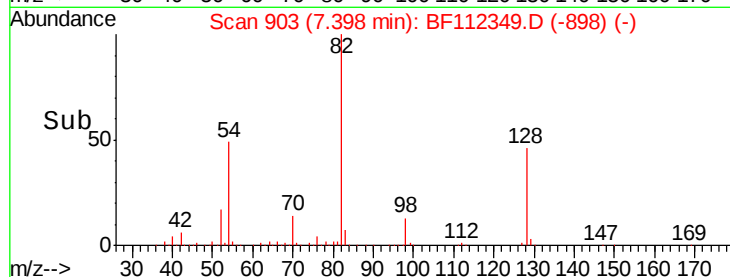
138 0.0 15.4 23.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112349.D

Acq: 1 Feb 2019 14:14

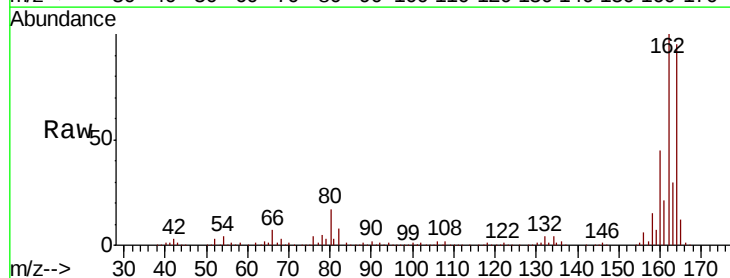
Tgt Ion:164 Resp: 321817

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.4

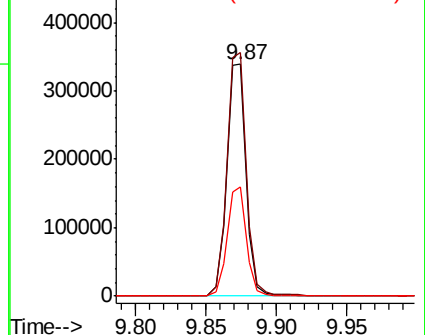
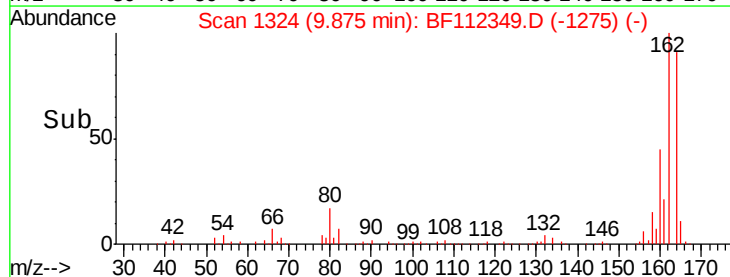
160 47.3 36.2 54.4

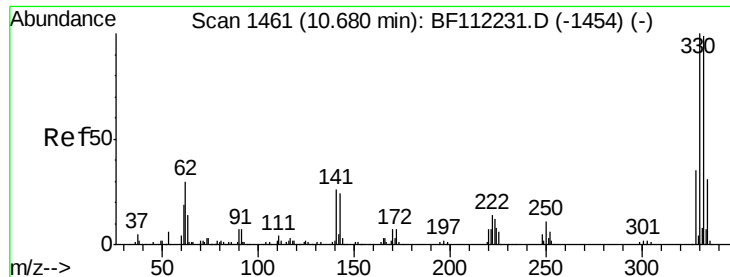


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

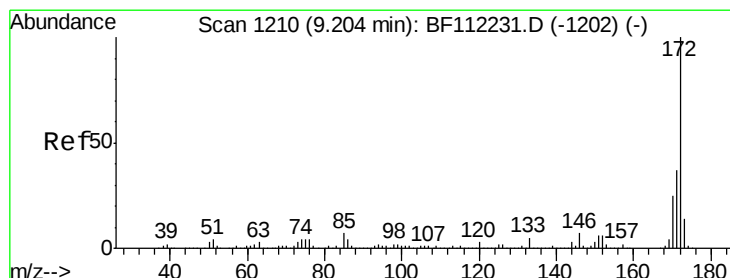
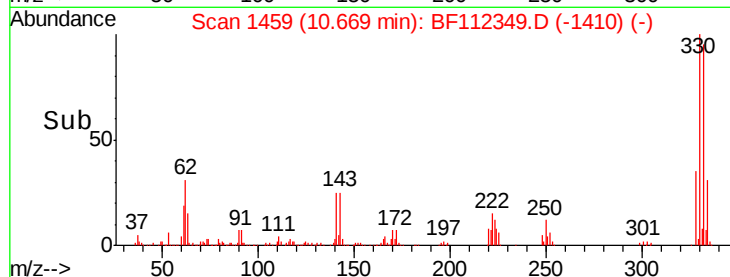
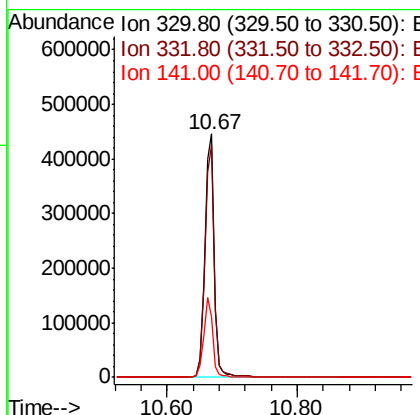
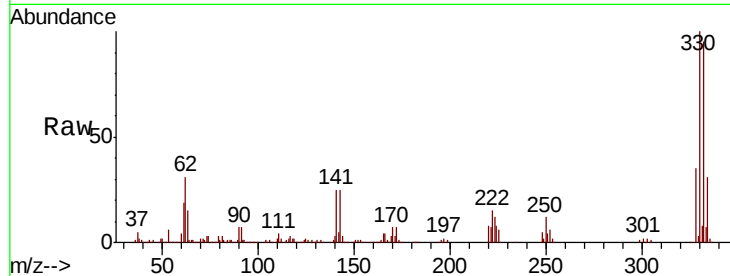




#42
 2,4,6-Tribromophenol
 Concen: 118.606 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

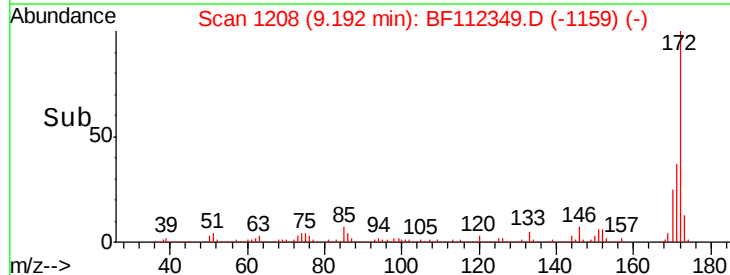
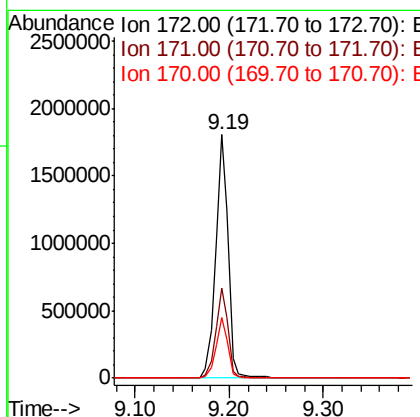
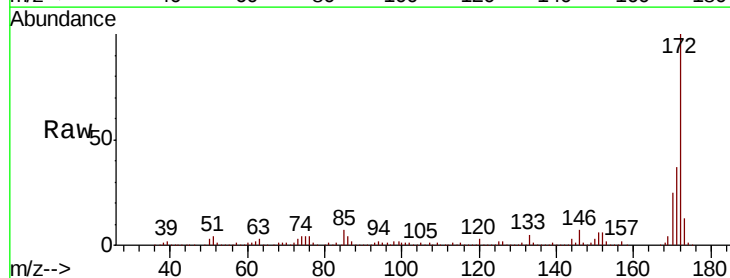
Instrument :
 BNA_F
 ClientSampleId :
 A0C4-SS1

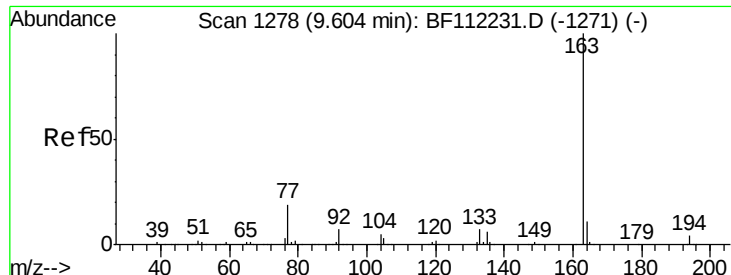
Tot Ion	330	332	141
Resp:	444281		
Ion Ratio	100	94.6	32.2
Lower		76.6	24.3
Upper		114.8	36.5



#45
 2-Fluorobiphenyl
 Concen: 75.035 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

Tgt Ion	172	171	170
Resp:	1707331		
Ion Ratio	100	36.9	24.6
Lower		30.5	20.2
Upper		45.7	30.4

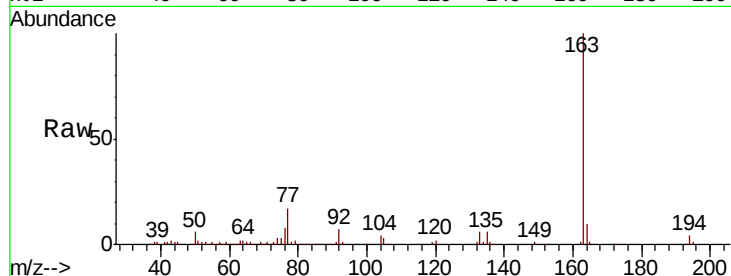




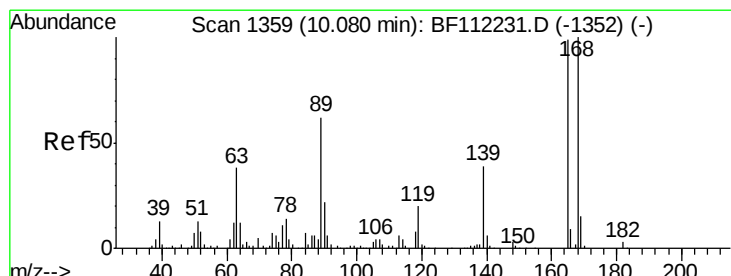
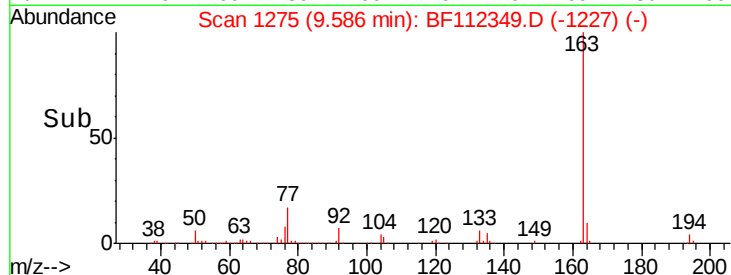
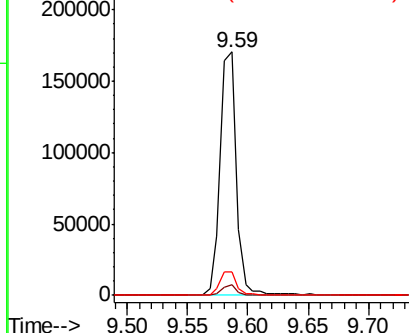
#50
Dimethylphthalate
Concen: 6.360 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

Instrument :
BNA_F
ClientSampleId :
A0C4-SS1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	8.5	12.7

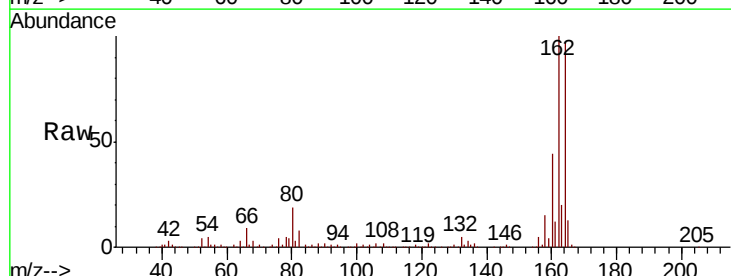


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

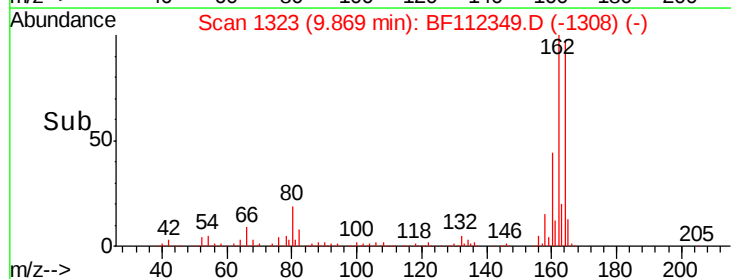
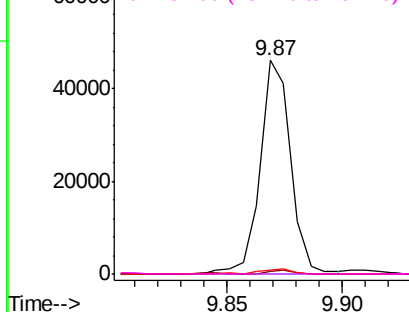


#57
2,4-Dinitrotoluene
Concen: 5.974 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	2.0	47.9	71.9#
182	0.0	2.2	3.4#



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

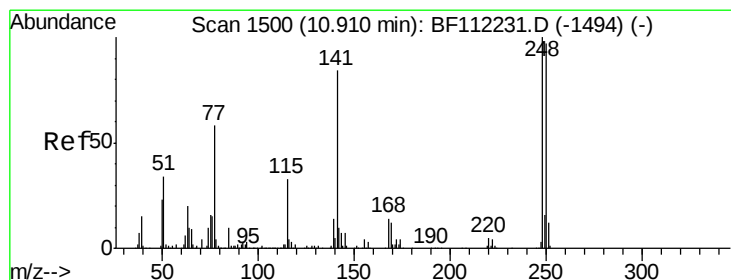
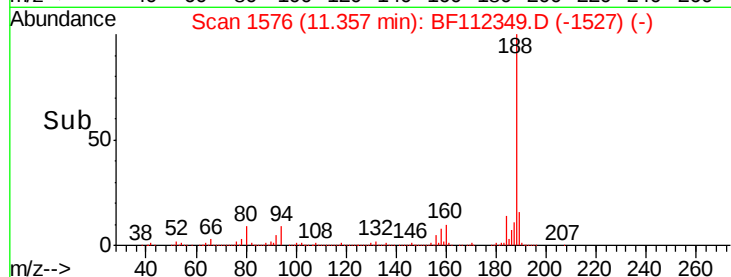
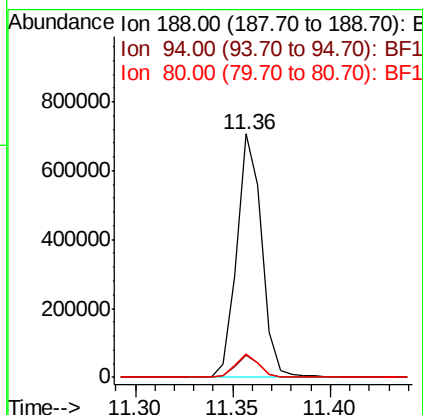
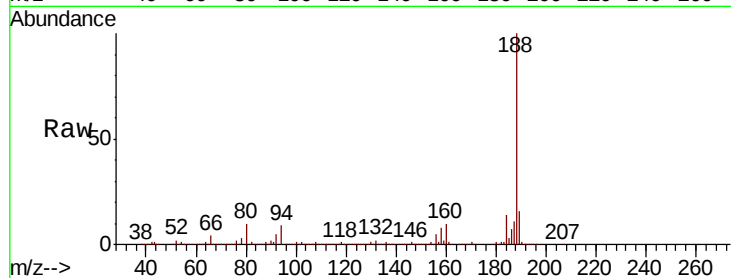




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

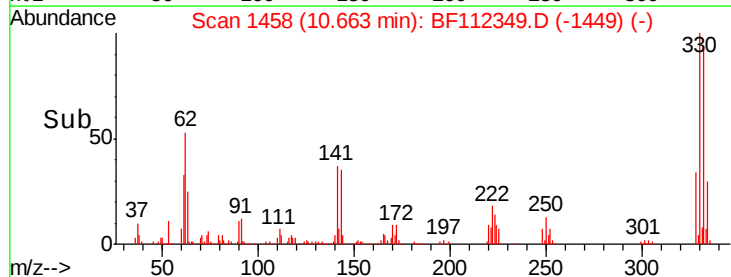
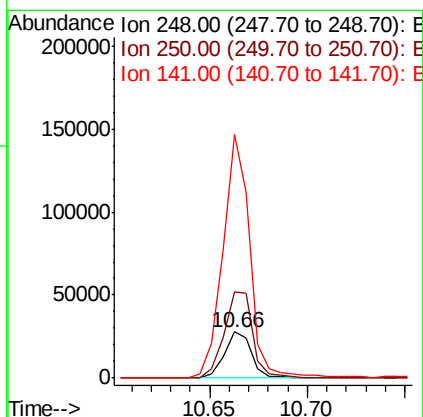
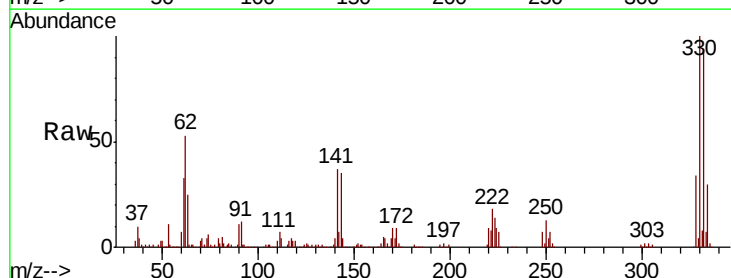
Instrument :
BNA_F
ClientSampleId :
A0C4-SS1

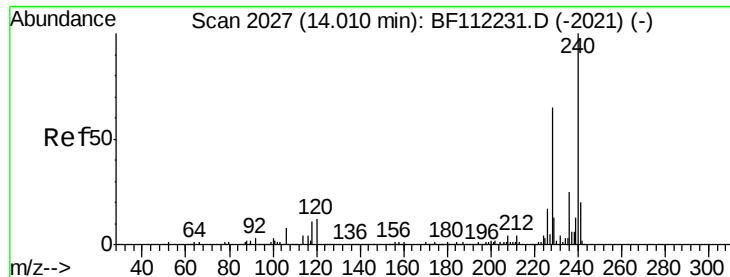
Tot Ion:188 Resp: 627392
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.609 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112349.D
Acq: 1 Feb 2019 14:14

Tgt Ion:248 Resp: 26632
Ion Ratio Lower Upper
248 100
250 187.7 79.7 119.5#
141 530.8 60.3 90.5#

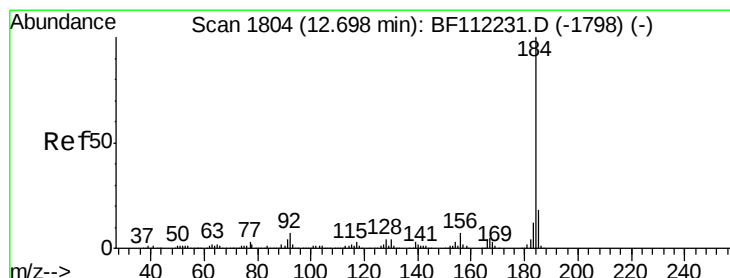
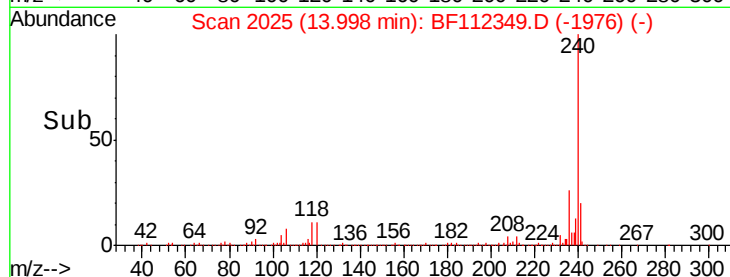
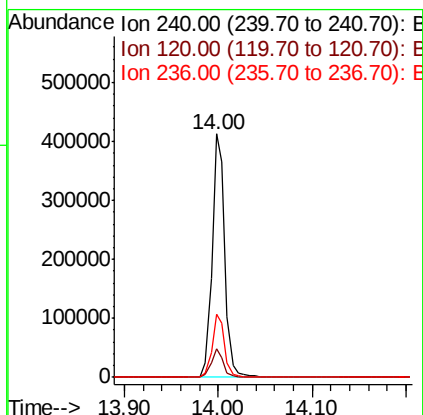
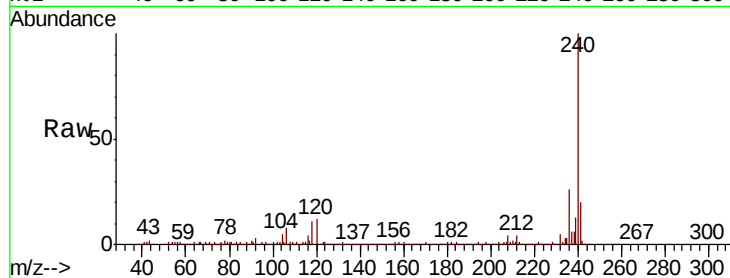




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

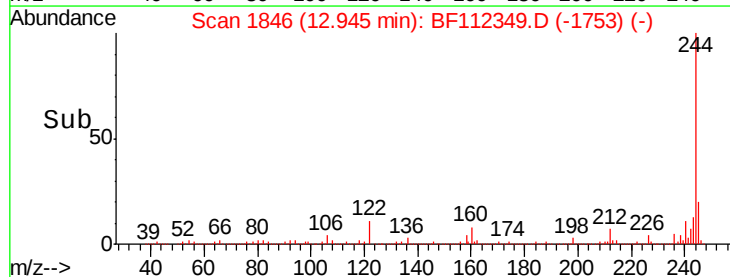
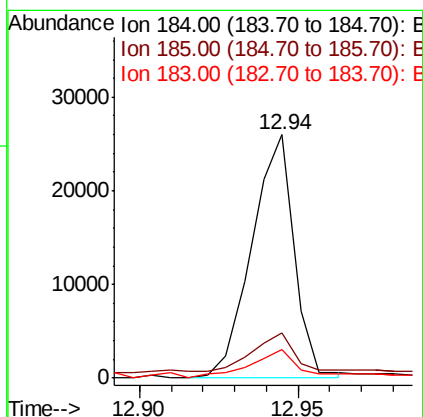
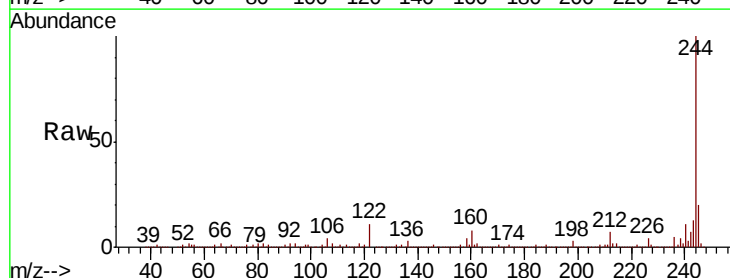
Instrument :
 BNA_F
 ClientSampleId :
 A0C4-SS1

Tot Ion:240 Resp: 397004
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.6
 236 25.8 20.7 31.1



#77
 Benzidine
 Concen: 2.213 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.25 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

Tgt Ion:184 Resp: 24186
 Ion Ratio Lower Upper
 184 100
 185 18.5 13.9 20.9
 183 11.9 10.0 15.0



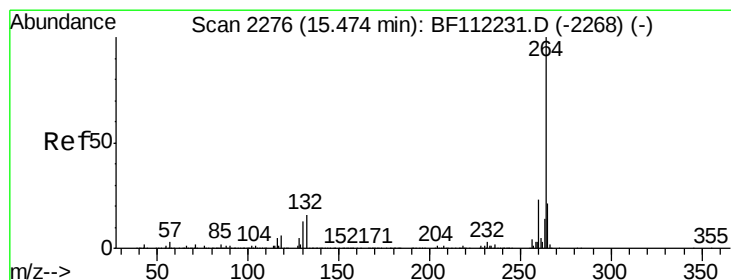
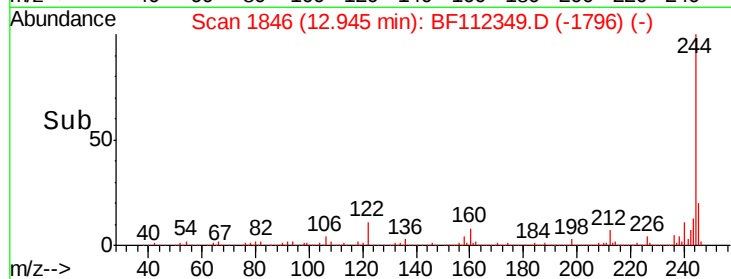
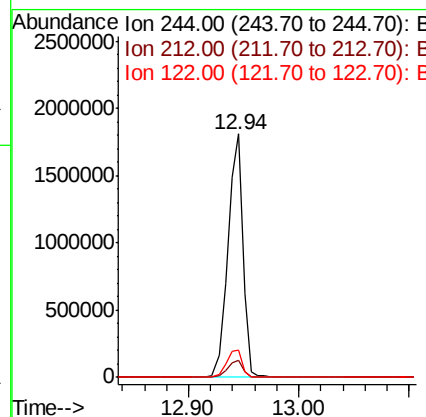
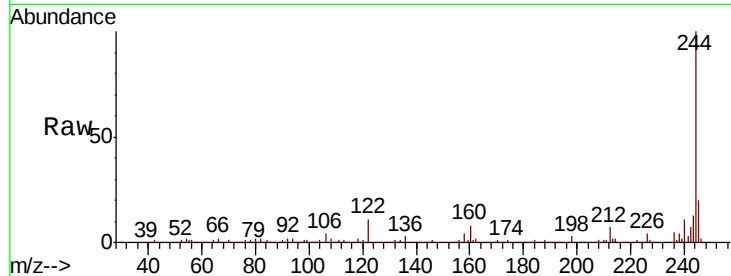


#79
 Terphenyl-d14
 Concen: 81.912 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 A0C4-SS1

Tot Ion:244 Resp: 1726580

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.1	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112349.D
 Acq: 1 Feb 2019 14:14

Tgt Ion:264 Resp: 348895

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.5	17.0	25.4

