

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112268.D
 Acq On : 28 Jan 2019 12:18
 Operator : JU/SJ
 Sample : K1234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WWB-5

Quant Time: Jan 28 12:50:22 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

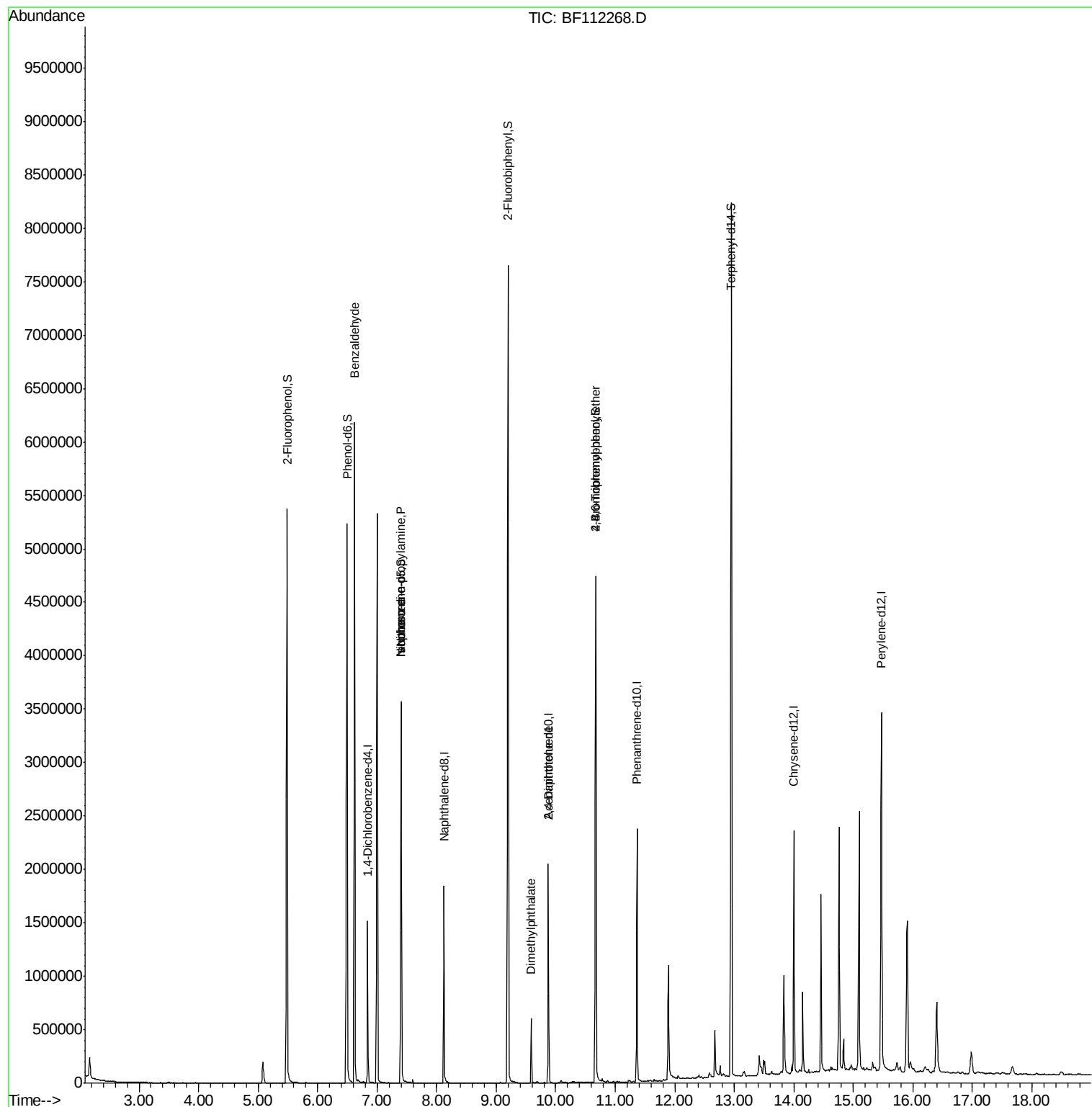
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	223474	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	858943	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	434392	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	887607	20.00	ng	0.00
76) Chrysene-d12	14.00	240	779229	20.00	ng	0.00
87) Perylene-d12	15.47	264	611413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1608113	152.85	ng	0.00
7) Phenol-d6	6.49	99	2053305	140.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	1318329	88.44	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	710821	140.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2597961	84.59	ng	0.00
79) Terphenyl-d14	12.95	244	3063644	74.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	41657	5.452	ng	81
19) n-Nitroso-di-n-propylamine	7.40	70	183171	18.170	ng	# 76
25) Isophorone	7.40	82	1311047	56.061	ng	# 63
50) Dimethylphthalate	9.59	163	253747	7.518	ng	98
57) 2,4-Dinitrotoluene	9.87	165	55921	5.811	ng	# 31
67) 4-Bromophenyl-phenylether	10.67	248	42666	4.087	ng	# 1

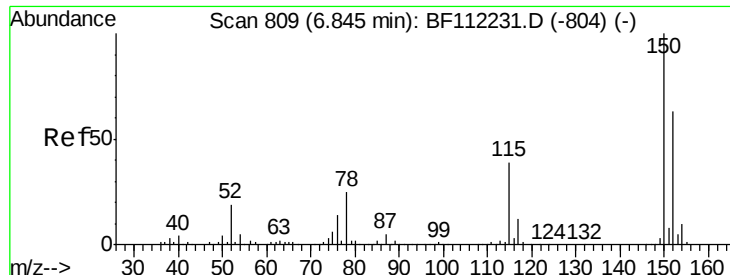
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WWB-5

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QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

Instrument :

BNA_F

ClientSampled :

WWB-5

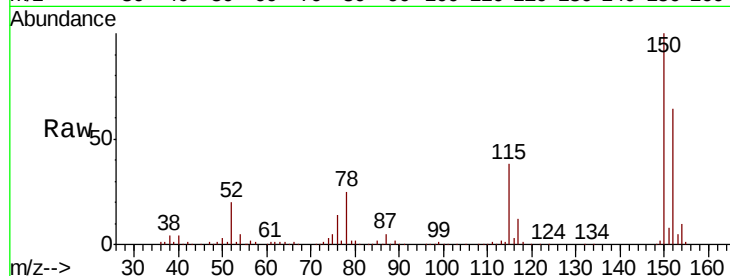
Tot Ion:152 Resp: 223474

Ion Ratio Lower Upper

152 100

150 156.8 127.4 191.0

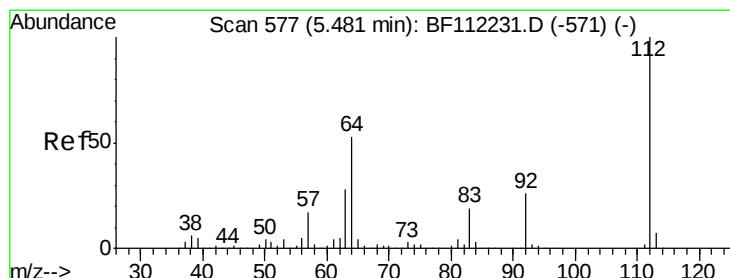
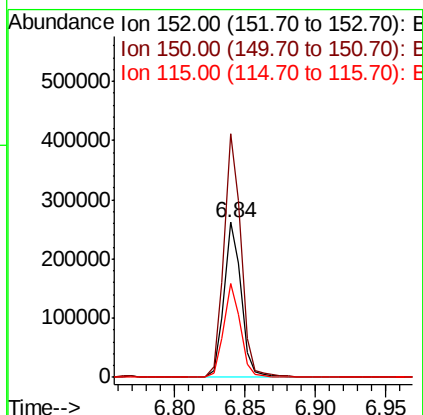
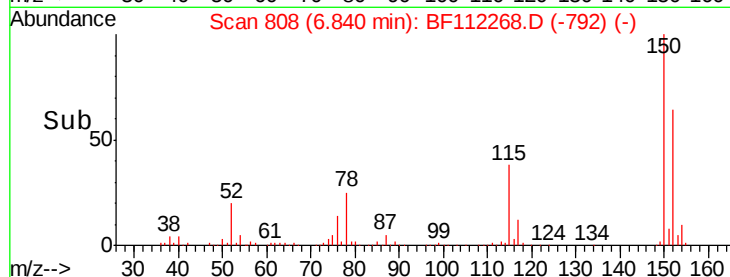
115 60.1 45.5 68.3



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: 152.847 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

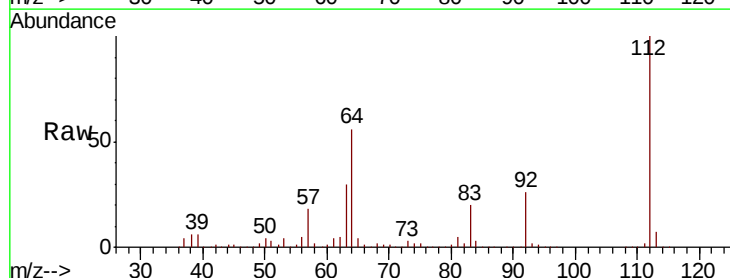
Tgt Ion:112 Resp: 1608113

Ion Ratio Lower Upper

112 100

64 55.6 45.7 68.5

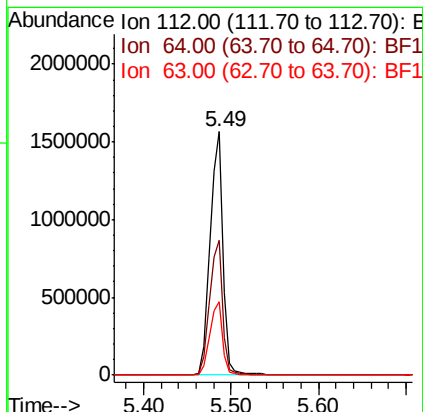
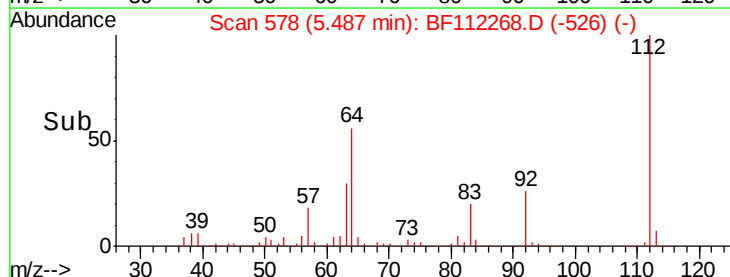
63 29.9 23.6 35.4

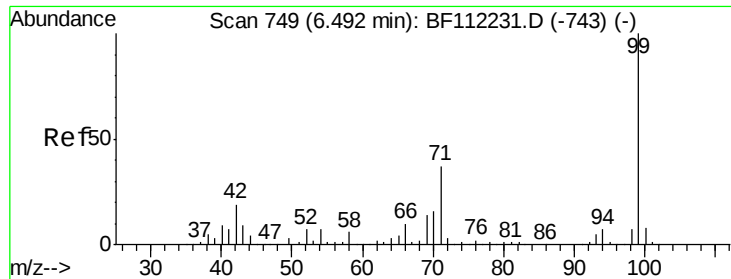


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 140.449 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

Instrument :

BNA_F

ClientSampleId :

WWB-5

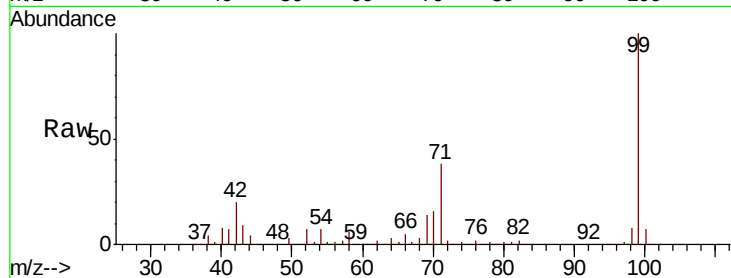
Tot Ion: 99 Resp: 2053305

Ion Ratio Lower Upper

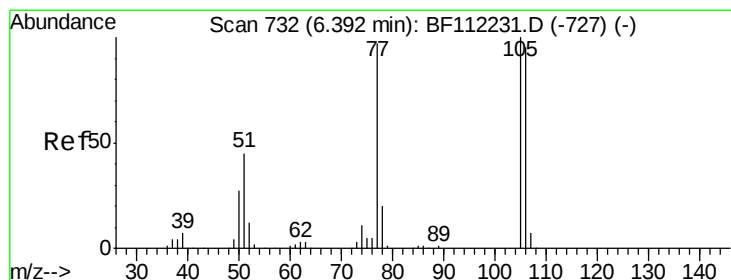
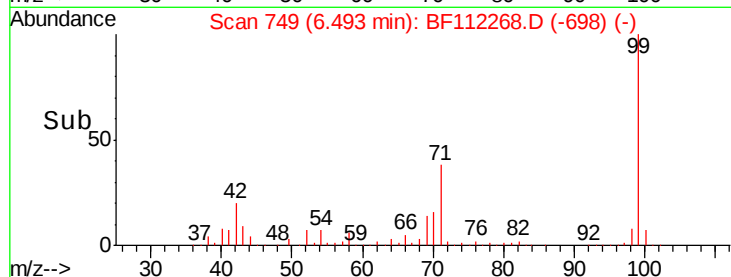
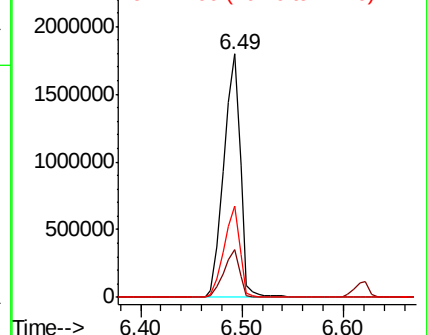
99 100

42 19.8 15.1 22.7

71 37.6 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



#9

Benzaldehyde

Concen: 5.452 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.23 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

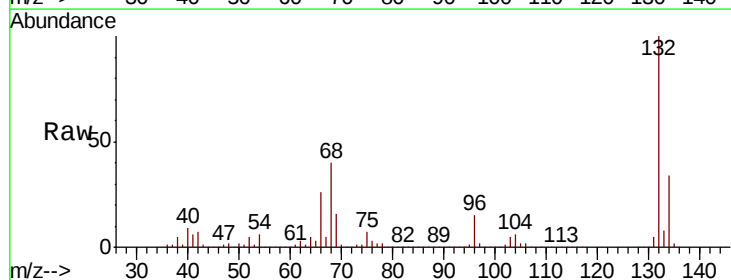
Tgt Ion: 77 Resp: 41657

Ion Ratio Lower Upper

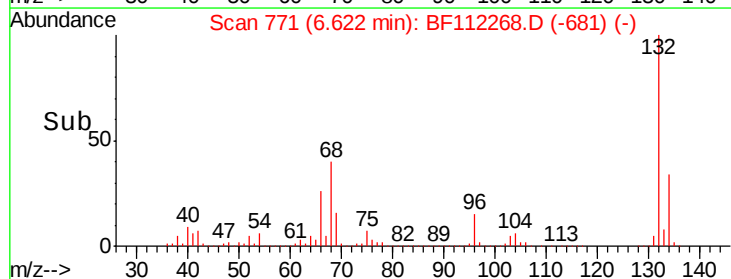
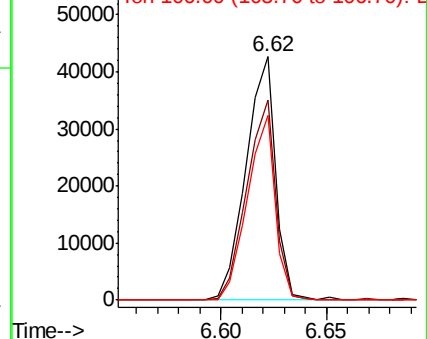
77 100

105 82.4 80.8 120.8

106 75.9 75.7 115.7



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

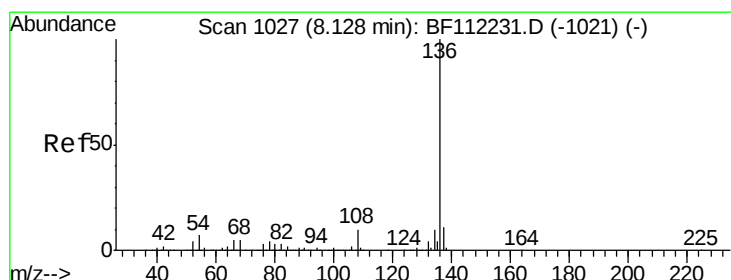
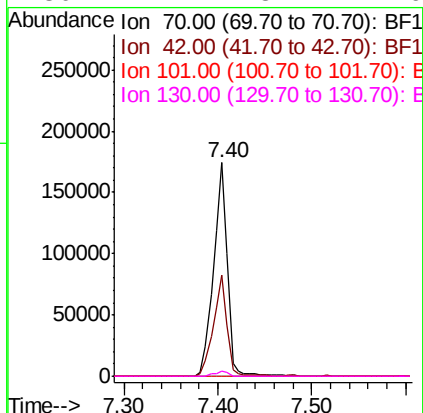
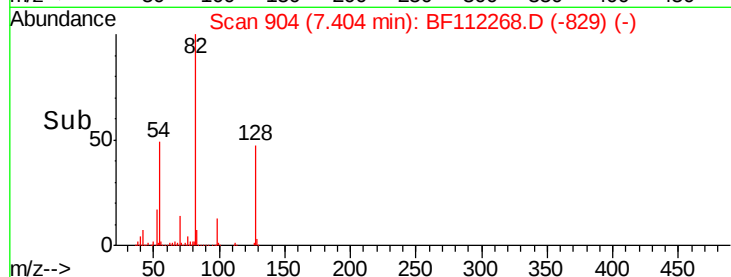
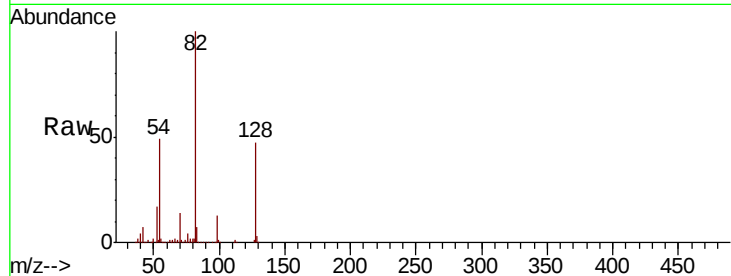




#19
n-Nitroso-di-n-propylamine
Concen: 18.170 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

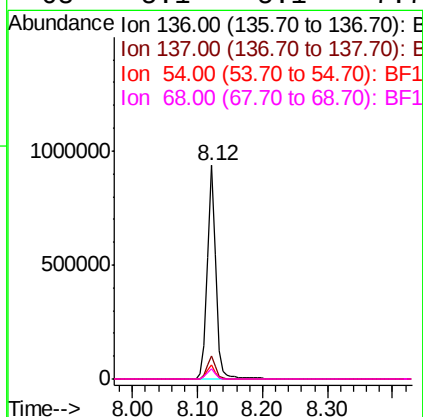
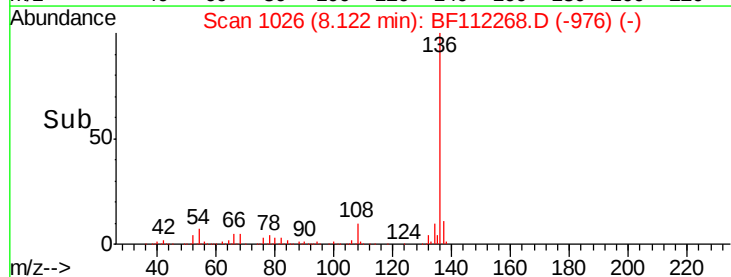
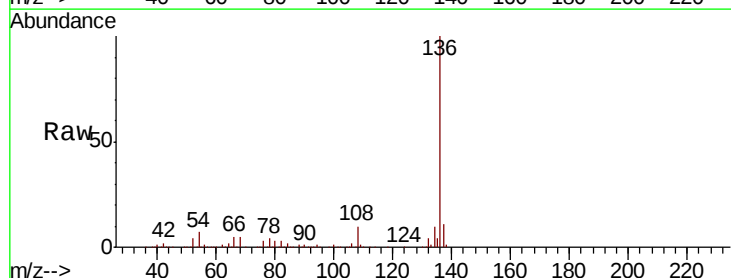
Instrument :
BNA_F
ClientSampleId :
WWB-5

Tot Ion: 70 Resp: 183171
Ion Ratio Lower Upper
70 100
42 47.6 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

Tgt Ion:136 Resp: 858943
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.9 5.9 8.9
68 5.1 5.1 7.7#

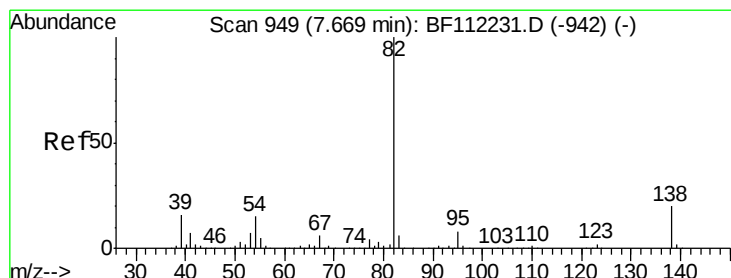
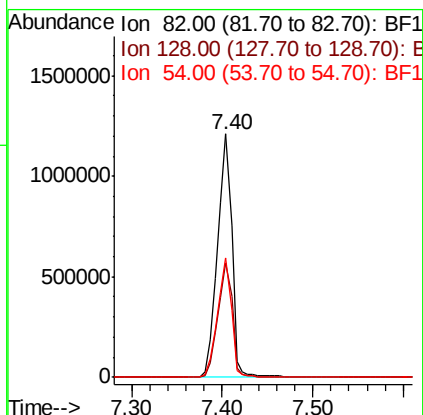
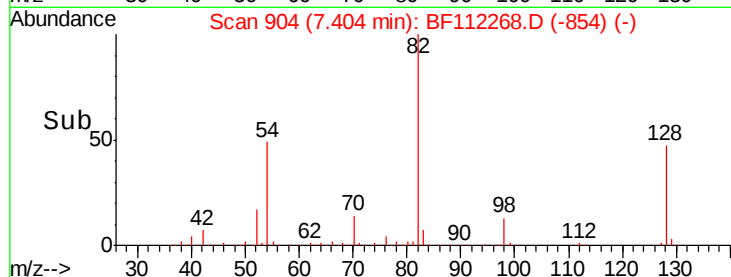
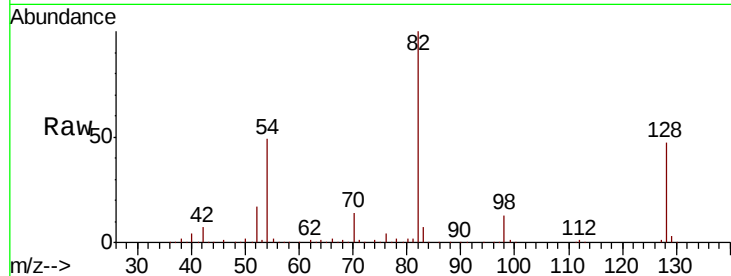




#23
Nitrobenzene-d5
Concen: 88.436 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

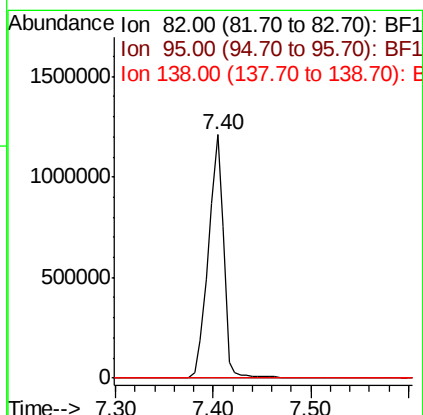
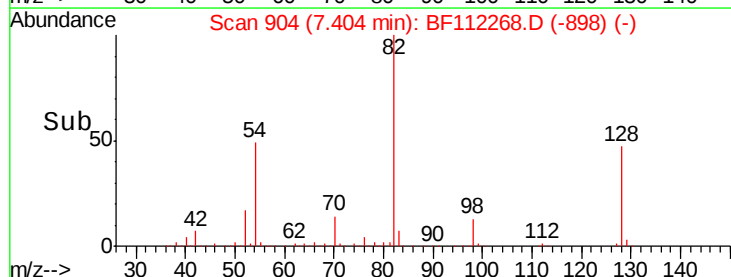
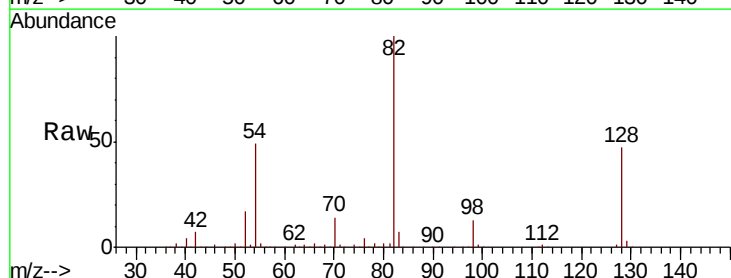
Instrument :
BNA_F
ClientSampleId :
WWB-5

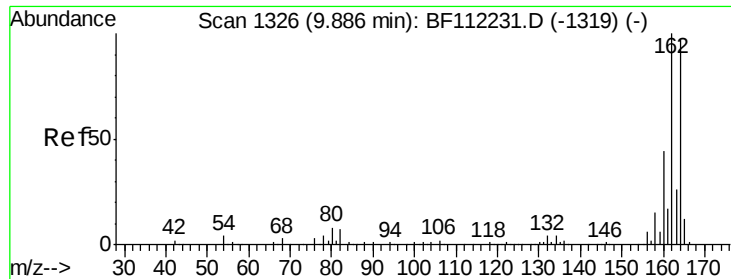
Tot Ion: 82 Resp: 1318329
Ion Ratio Lower Upper
82 100
128 47.0 37.8 56.8
54 48.9 39.7 59.5



#25
Isophorone
Concen: 56.061 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

Tgt Ion: 82 Resp: 1311047
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

Instrument :

BNA_F

ClientSampled :

WWB-5

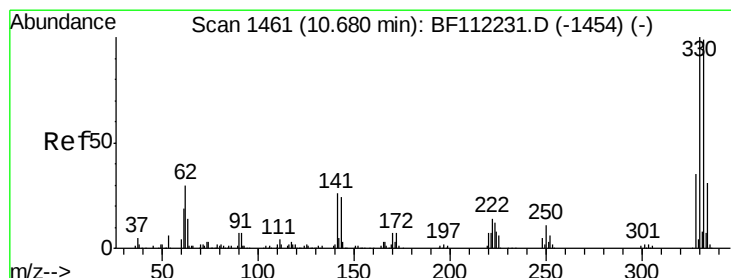
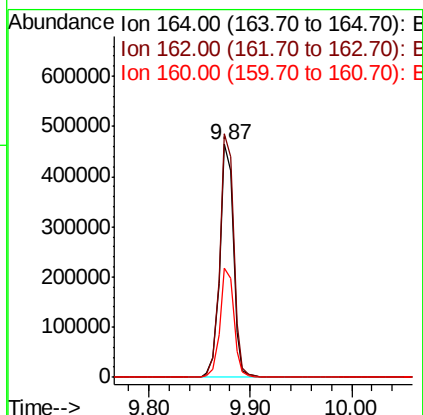
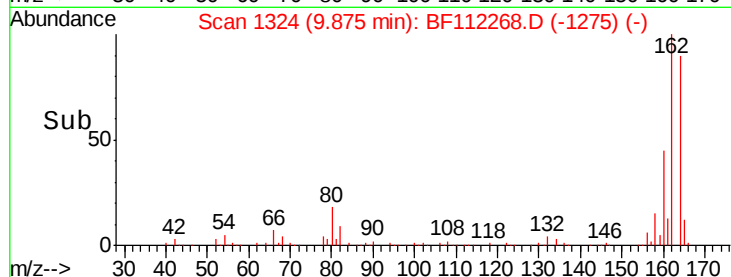
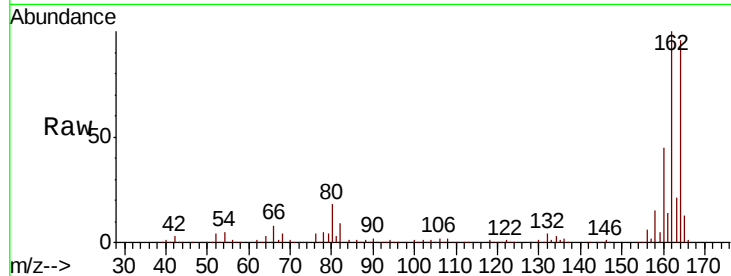
Tot Ion:164 Resp: 434392

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

160 46.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 140.584 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112268.D

Acq: 28 Jan 2019 12:18

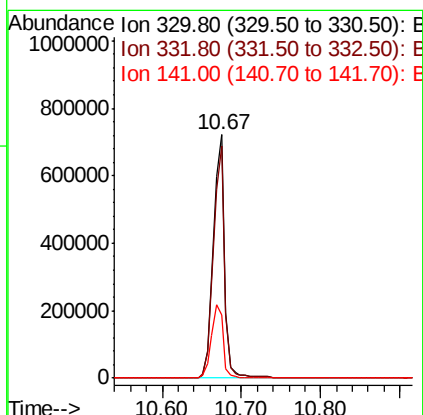
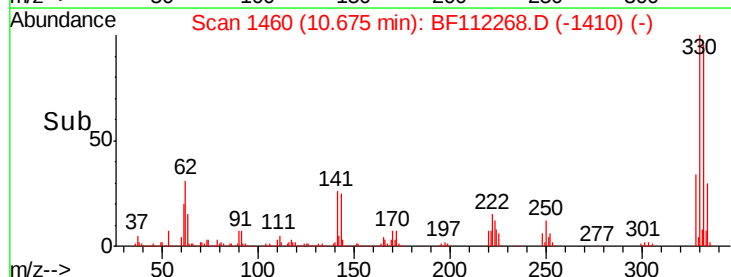
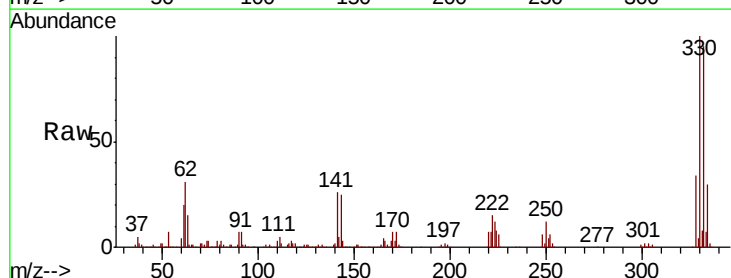
Tgt Ion:330 Resp: 710821

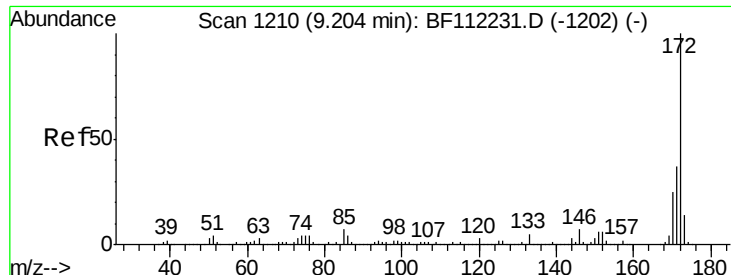
Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

141 31.6 24.3 36.5

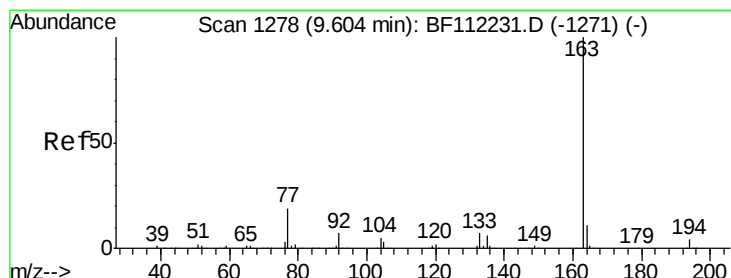
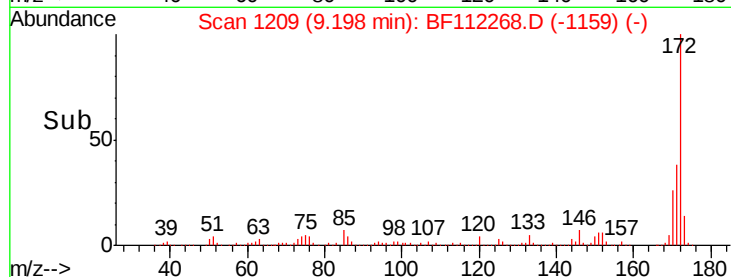
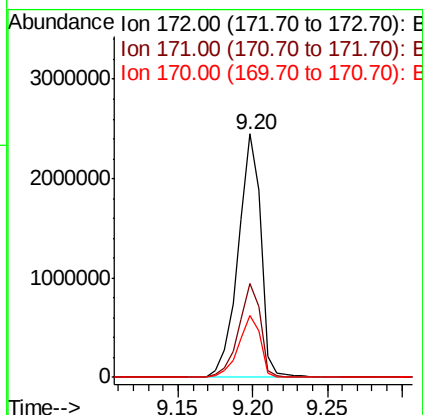
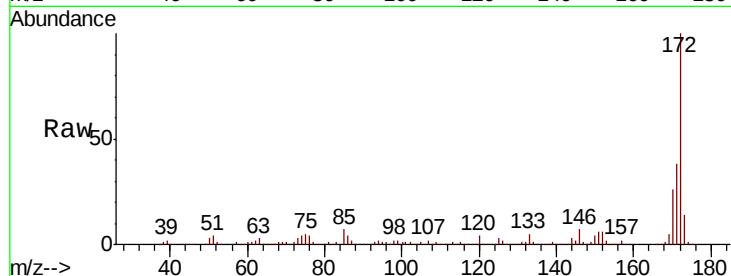




#45
2-Fluorobiphenyl
Concen: 84.587 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

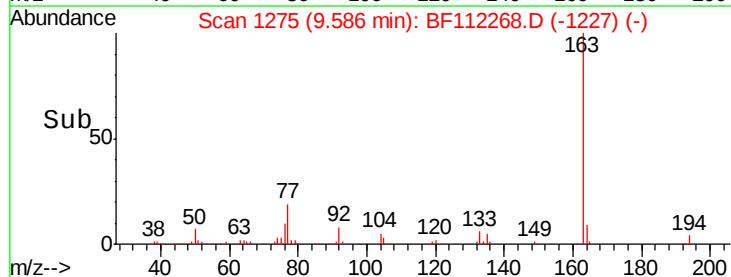
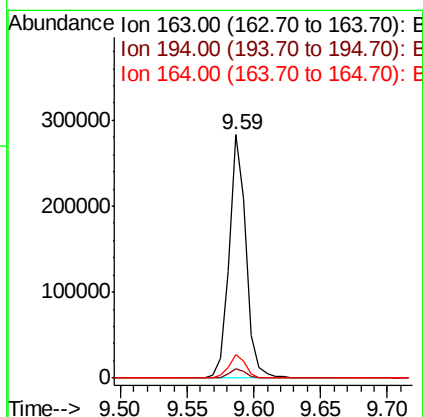
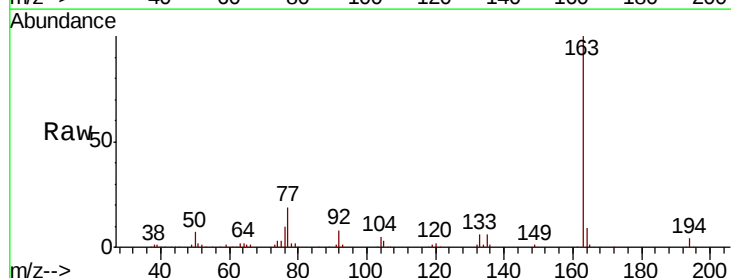
Instrument :
BNA_F
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WWB-5

Tot Ion:172 Resp: 2597961
Ion Ratio Lower Upper
172 100
171 38.4 30.5 45.7
170 25.6 20.2 30.4



#50
Dimethylphthalate
Concen: 7.518 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112268.D
Acq: 28 Jan 2019 12:18

Tgt Ion:163 Resp: 253747
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.4 8.5 12.7

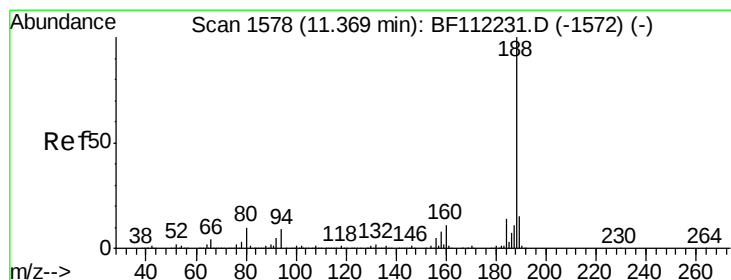
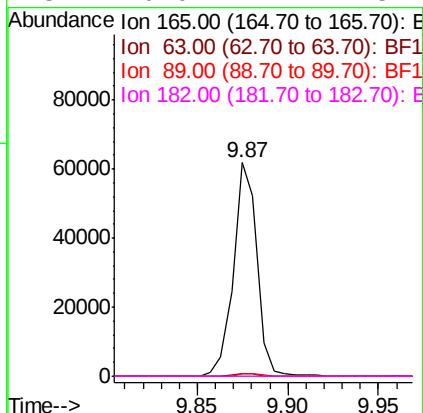
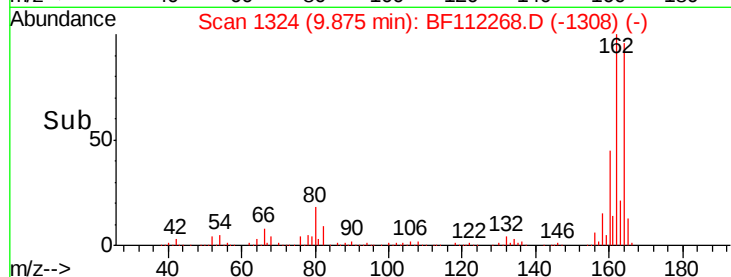
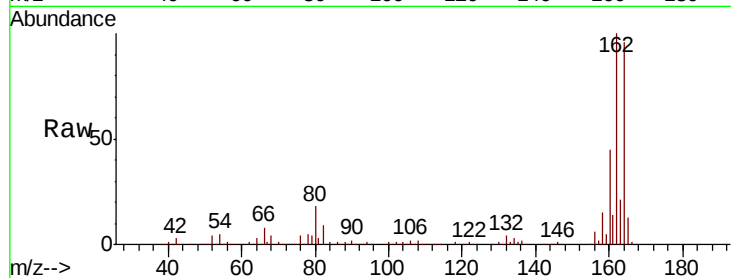




#57
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

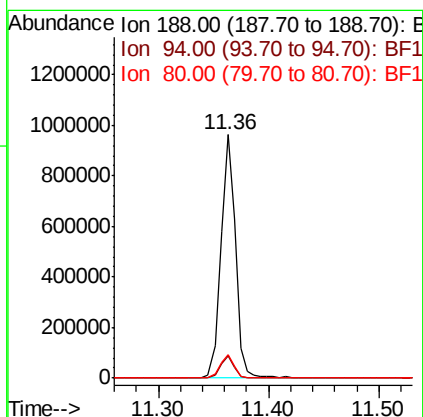
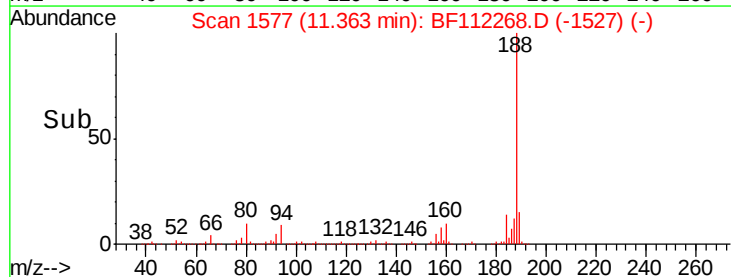
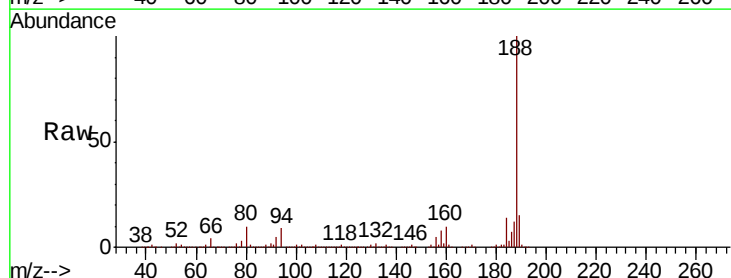
Instrument :
 BNA_F
 ClientSampleId :
 WWB-5

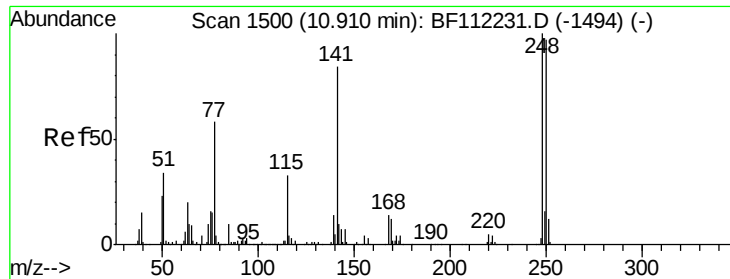
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.1	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.6	8.9	13.3

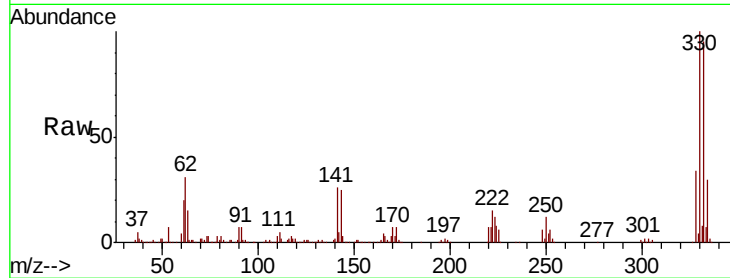




#67
 4-Bromophenyl-phenylether
 Concen: 4.087 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

Instrument :
 BNA_F
 ClientSampleID :
 WWB-5

Tot Ion	Ratio	Lower	Upper
248	100		
250	206.5	79.7	119.5#
141	454.8	60.3	90.5#

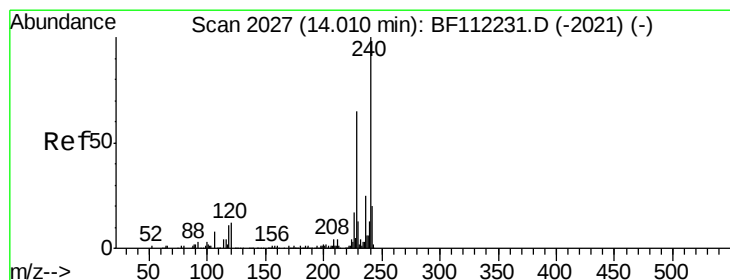
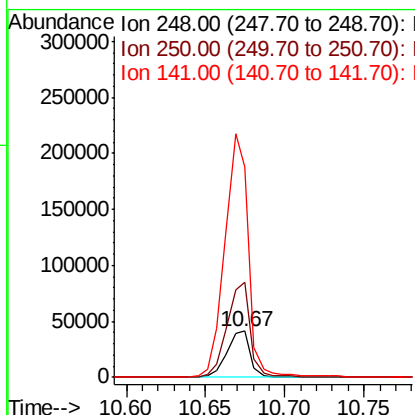
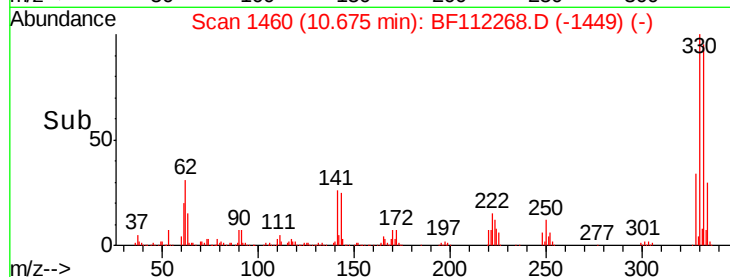


Abundance

Ion 248.00 (247.70 to 248.70): E

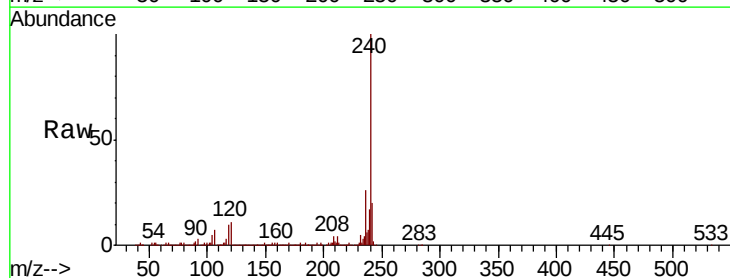
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	26.2	20.7	31.1

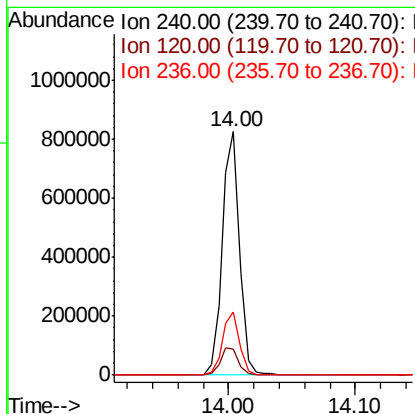
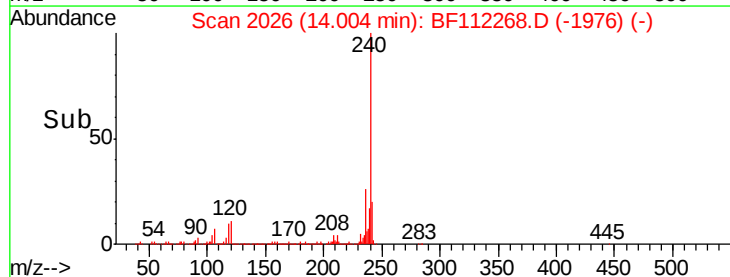


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

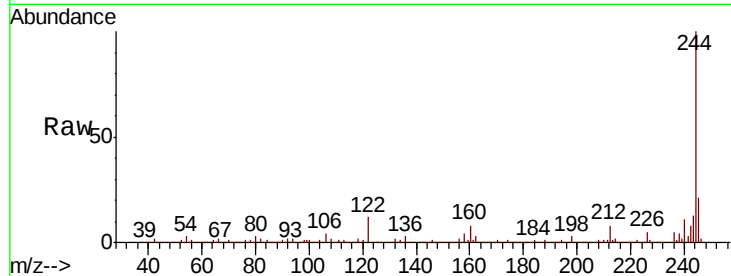




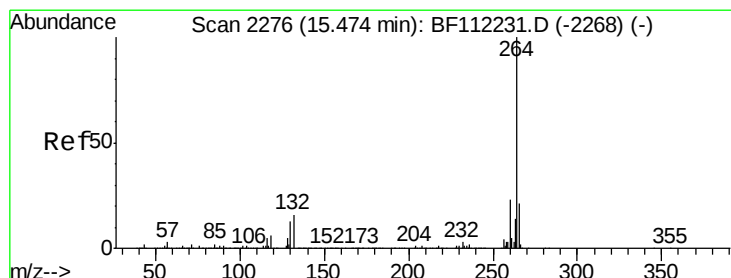
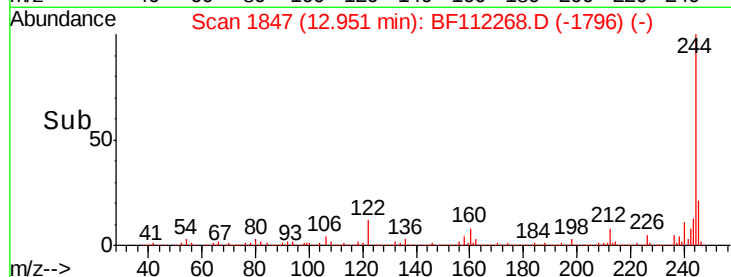
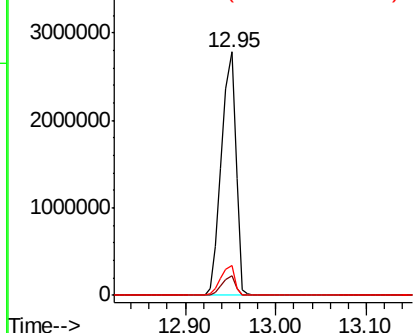
#79
 Terphenyl-d14
 Concen: 74.050 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
 WWB-5

Tot Ion:244 Resp: 3063644
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 12.3 9.8 14.6

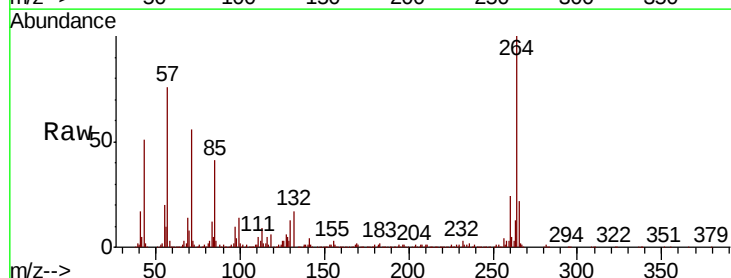


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112268.D
 Acq: 28 Jan 2019 12:18

Tgt Ion:264 Resp: 611413
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 22.2 17.0 25.4



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

