

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112639.D
 Acq On : 20 Feb 2019 13:57
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Feb 20 17:26:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 20 16:59:44 2019
 Response via : Initial Calibration

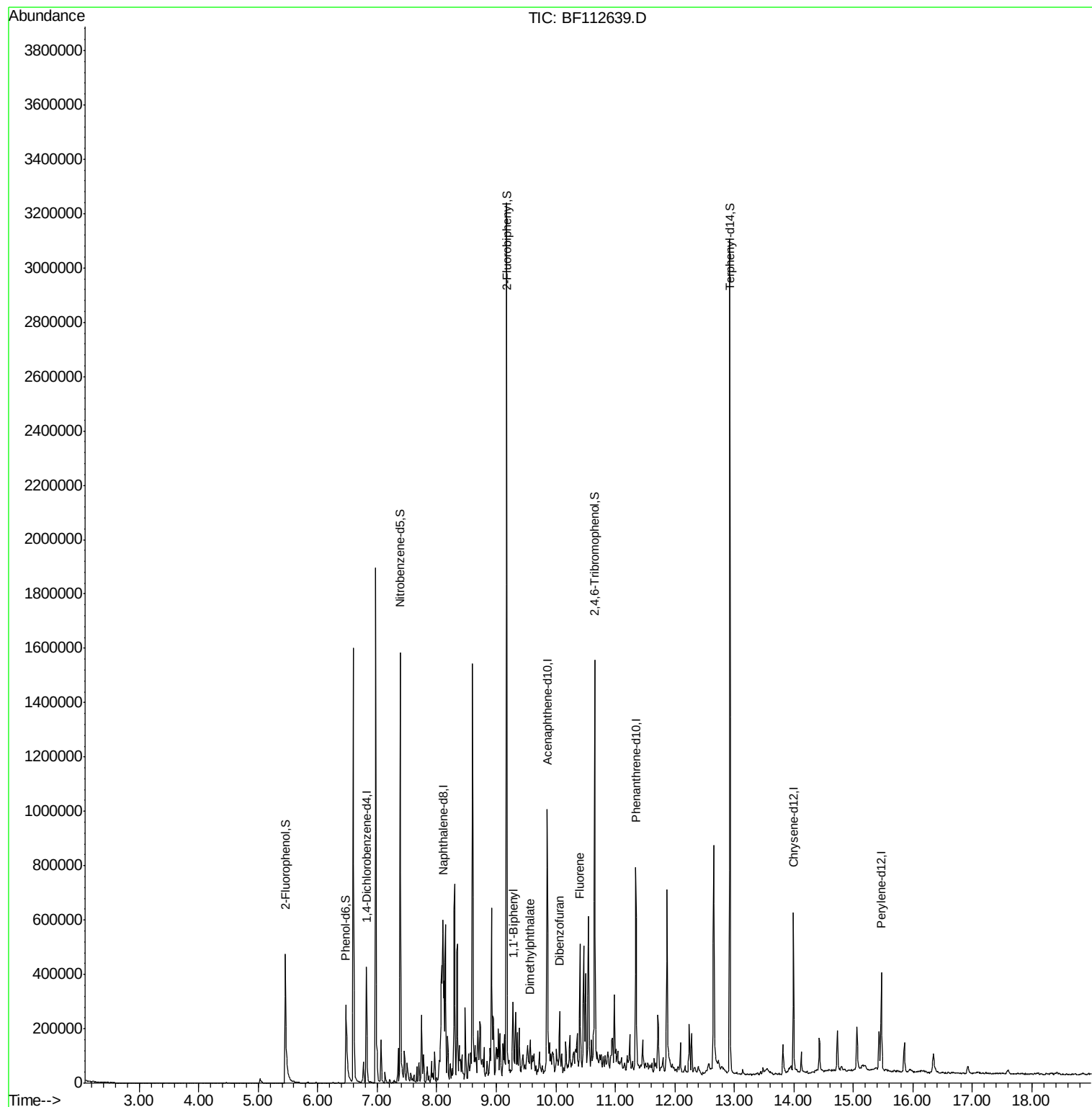
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72535	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	280770	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	142406	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	267295	20.00	ng	0.00
76) Chrysene-d12	13.99	240	200138	20.00	ng	0.00
87) Perylene-d12	15.47	264	180402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	206424	60.45	ng	0.00
7) Phenol-d6	6.47	99	156907	33.07	ng	0.00
23) Nitrobenzene-d5	7.39	82	476871	97.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	194550	117.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	965271	95.87	ng	0.00
79) Terphenyl-d14	12.93	244	926527	87.19	ng	0.00
Target Compounds						
46) 1,1'-Biphenyl	9.27	154	67688	5.437	ng	96
50) Dimethylphthalate	9.57	163	32525	2.940	ng	100
55) Dibenzofuran	10.06	168	68489	5.302	ng	98
58) Fluorene	10.40	166	119536	12.366	ng	95

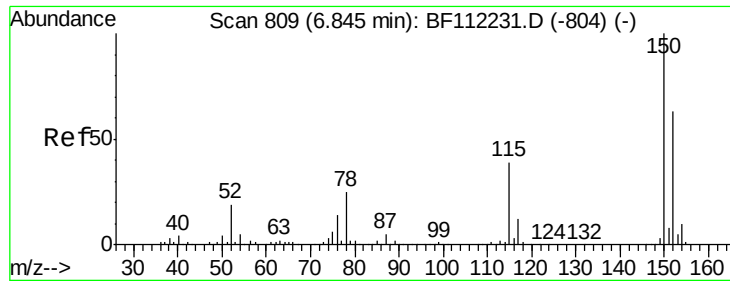
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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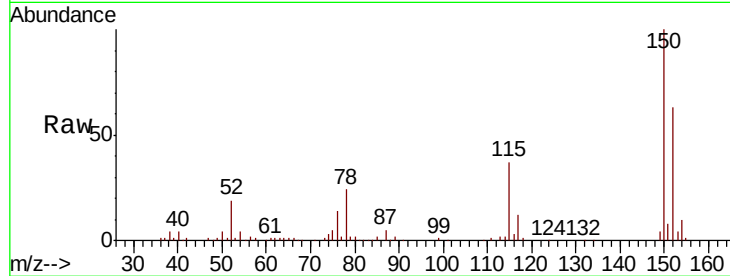


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.4	191.0
115	59.0	45.5	68.3

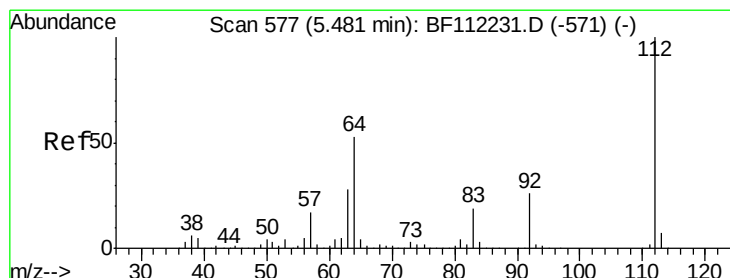
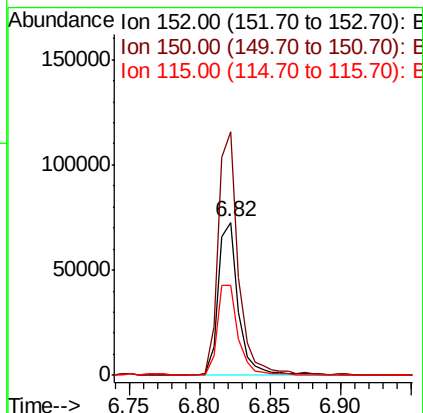
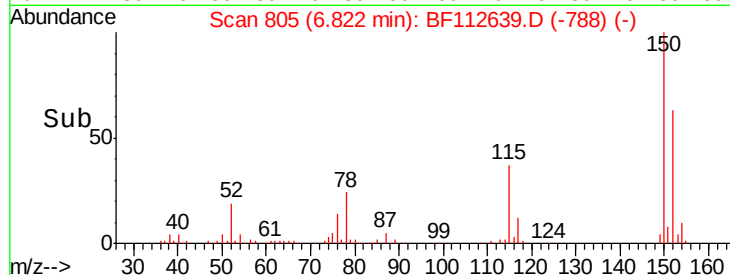


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

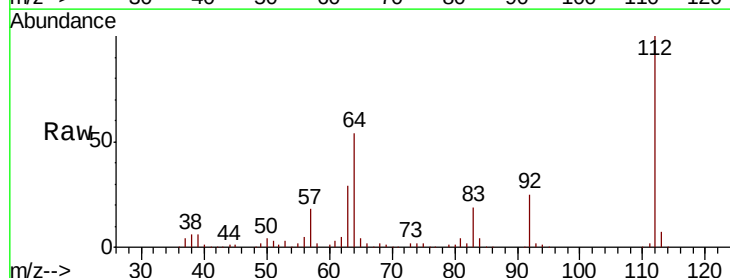
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.448 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	29.3	23.6	35.4

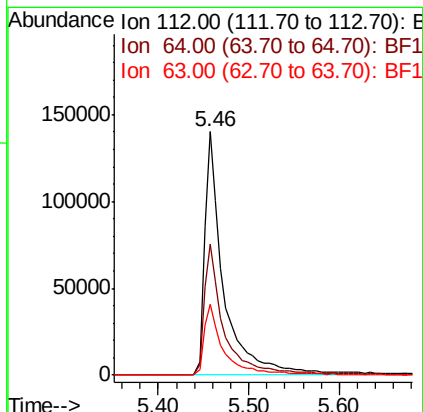
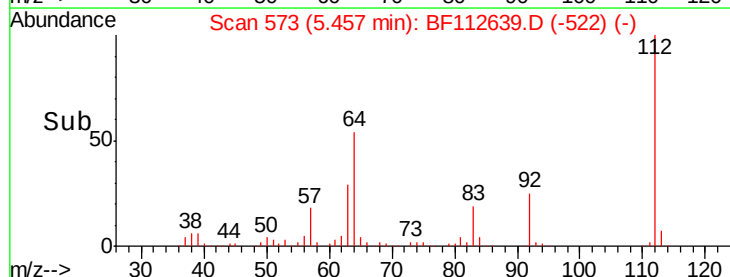


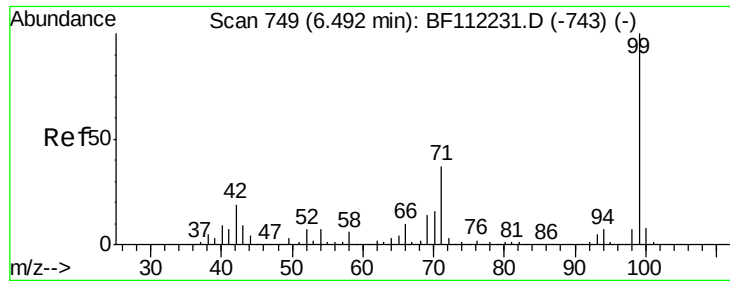
Abundance

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: 33.066 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

Instrument :

BNA_F

ClientSampleId :

MW-4

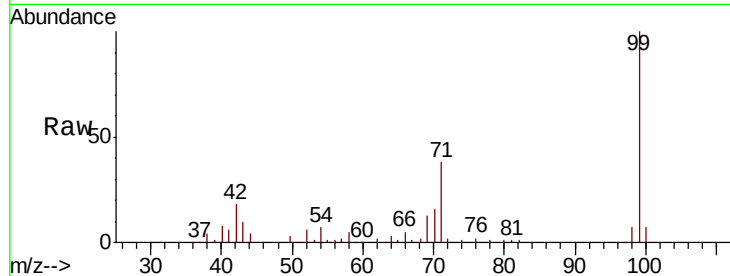
Tot Ion: 99 Resp: 156907

Ion Ratio Lower Upper

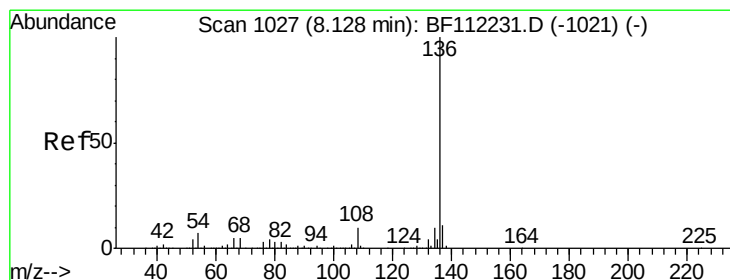
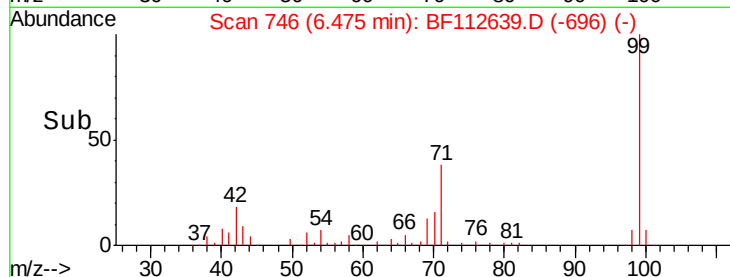
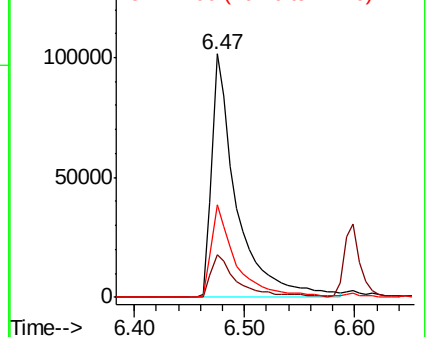
99 100

42 17.6 15.1 22.7

71 37.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

Tgt Ion: 136 Resp: 280770

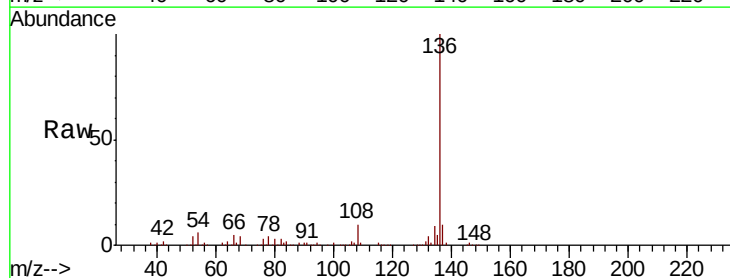
Ion Ratio Lower Upper

136 100

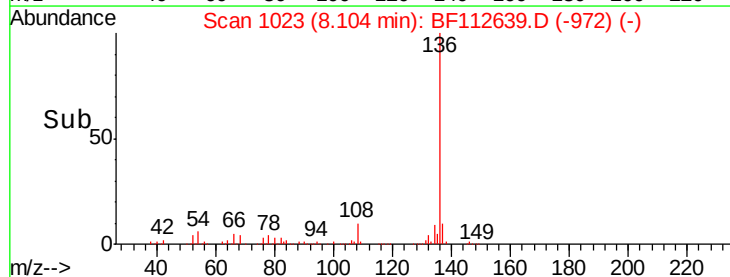
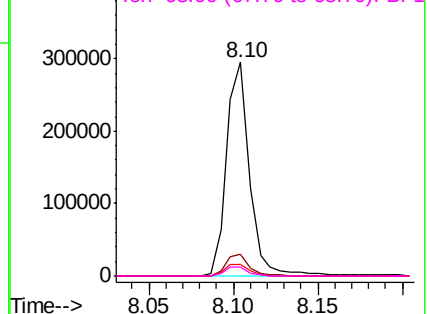
137 10.2 9.1 13.7

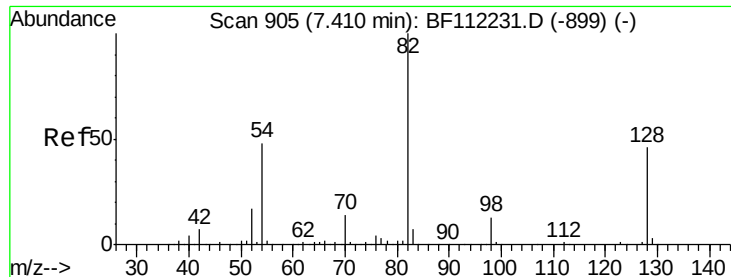
54 5.5 5.9 8.9#

68 4.3 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

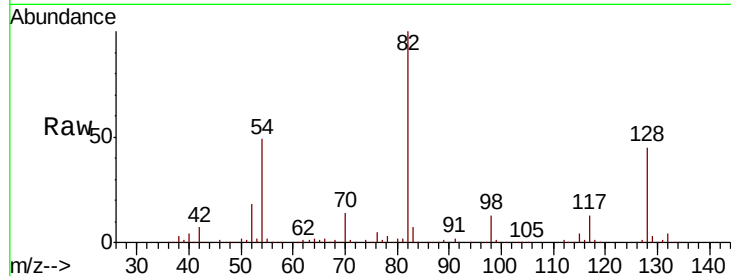




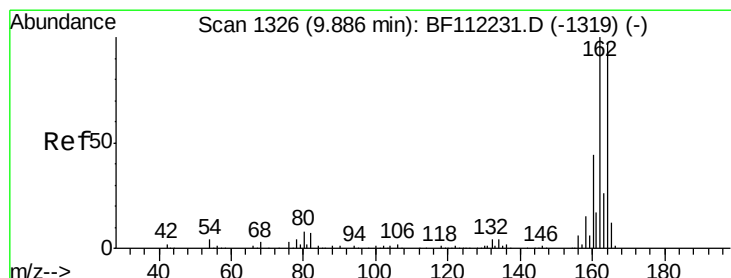
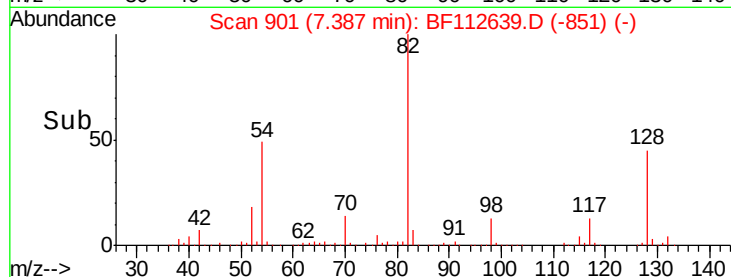
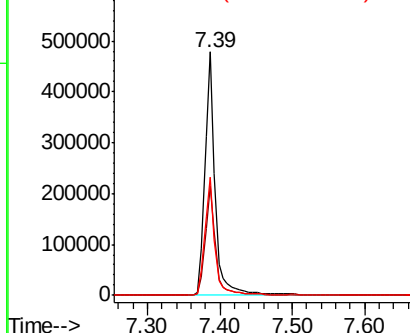
#23
Nitrobenzene-d5
Concen: 97.864 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion: 82 Resp: 476871
Ion Ratio Lower Upper
82 100
128 45.0 37.8 56.8
54 48.7 39.7 59.5

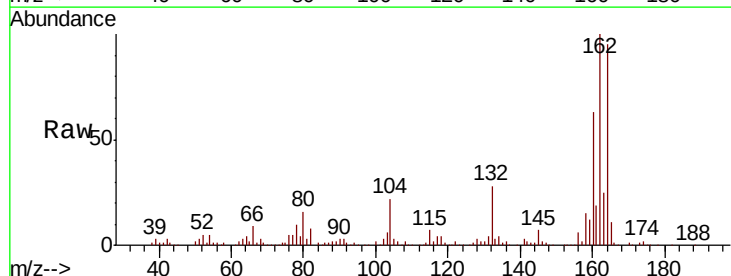


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

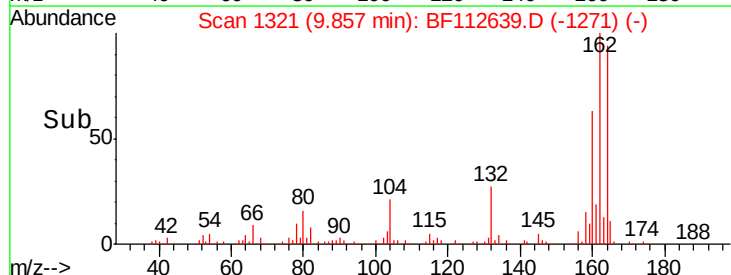
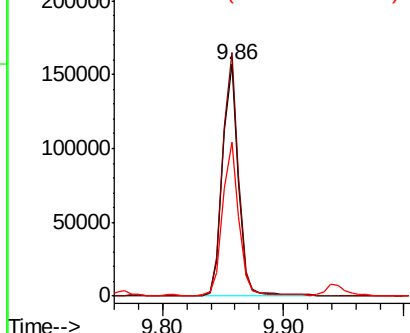


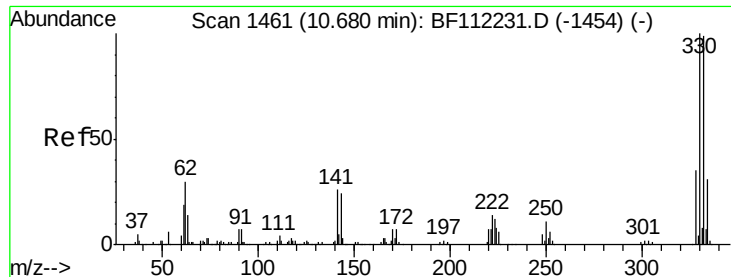
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

Tgt Ion:164 Resp: 142406
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 66.3 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

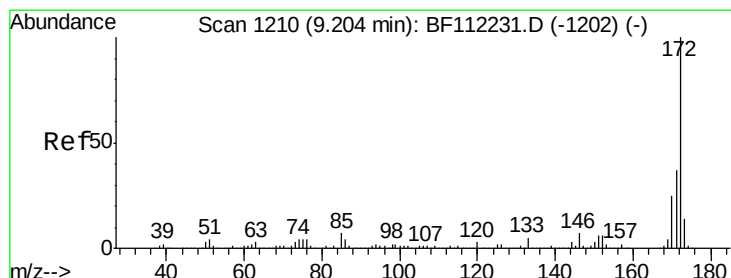
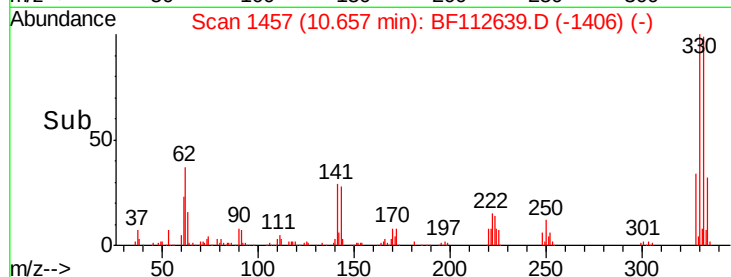
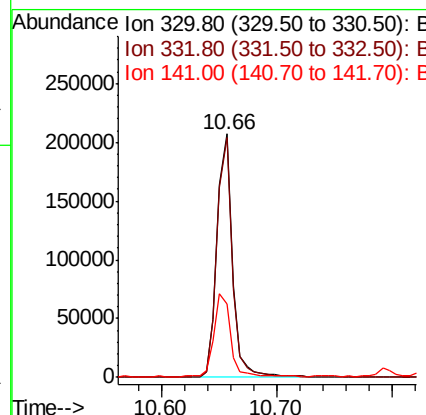
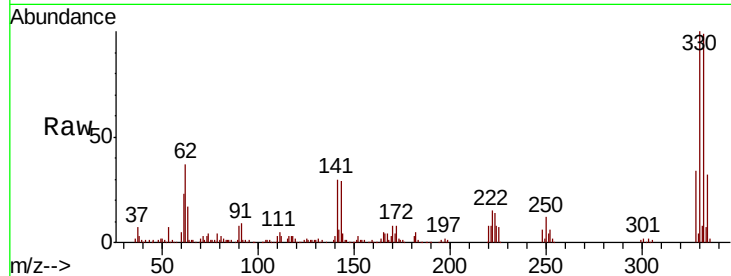




#42
 2,4,6-Tribromophenol
 Concen: 117.371 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF112639.D
 Acq: 20 Feb 2019 13:57

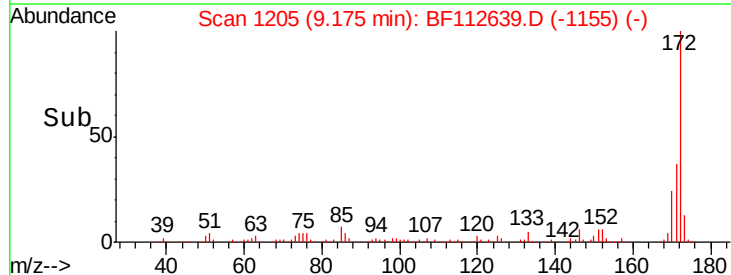
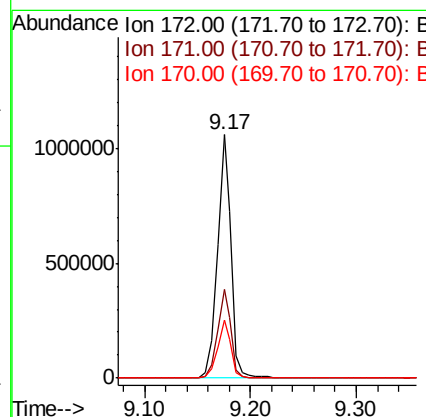
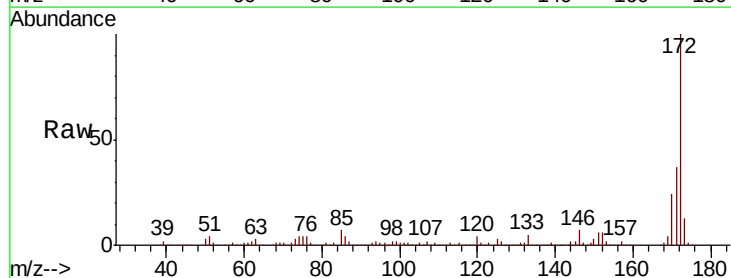
Instrument :
 BNA_F
 ClientSampled :
 MW-4

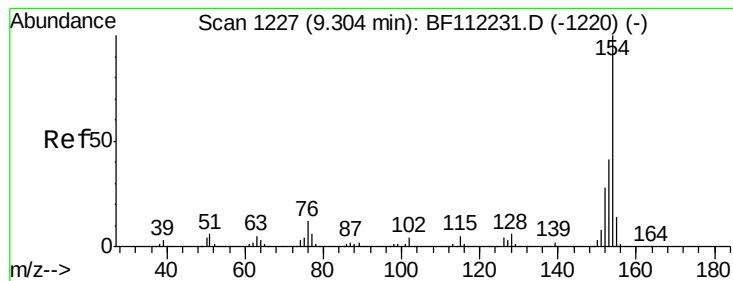
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	36.3	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 95.868 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112639.D
 Acq: 20 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.9	20.2	30.4





#46

1,1'-Biphenyl

Concen: 5.437 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

Instrument :

BNA_F

ClientSampleId :

MW-4

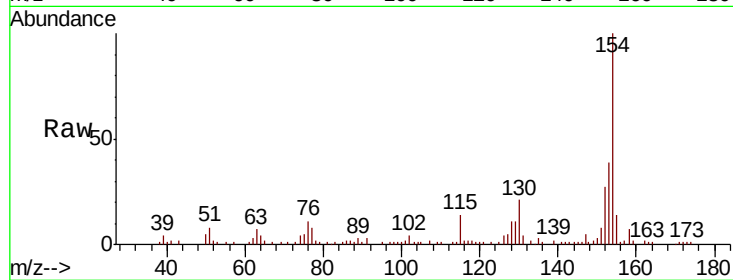
Tot Ion:154 Resp: 67688

Ion Ratio Lower Upper

154 100

153 39.2 21.5 61.5

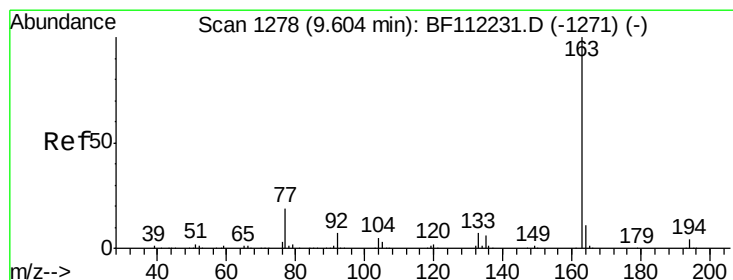
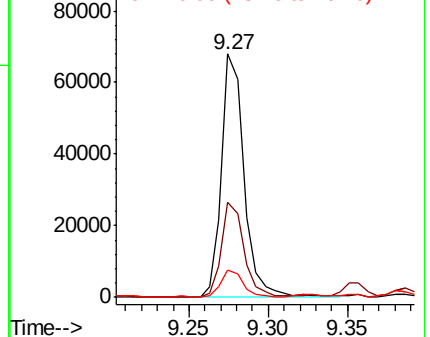
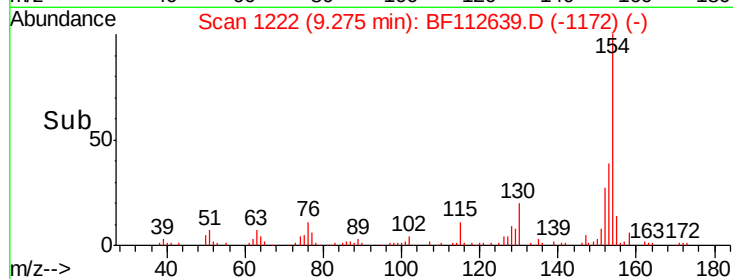
76 11.4 0.0 33.1



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



#50

Dimethylphthalate

Concen: 2.940 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

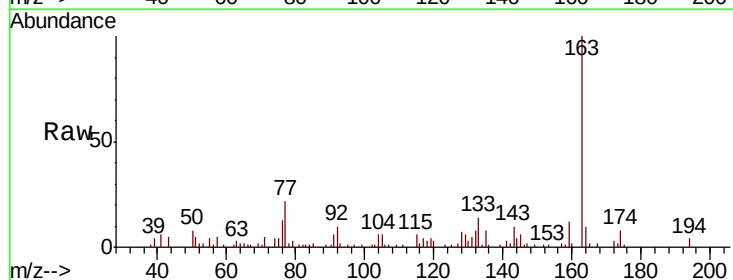
Tgt Ion:163 Resp: 32525

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

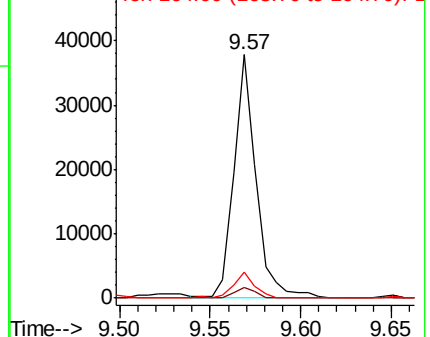
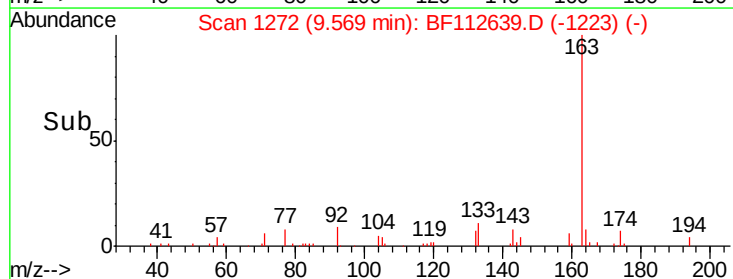
164 10.5 8.5 12.7

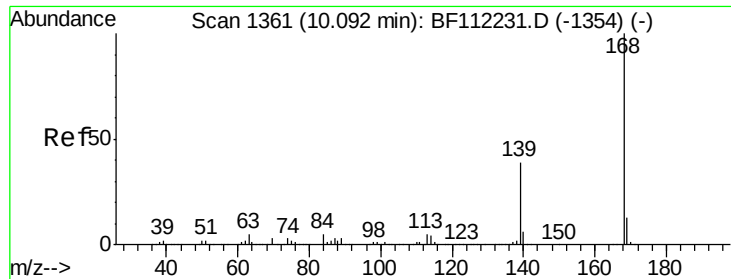


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

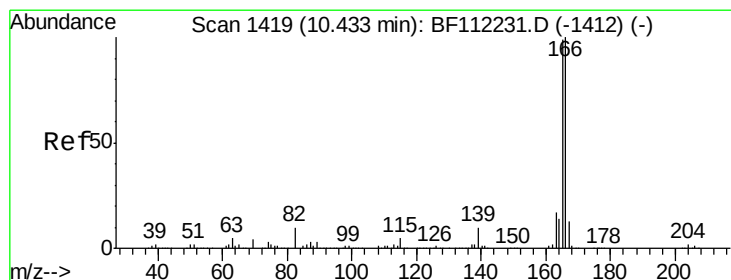
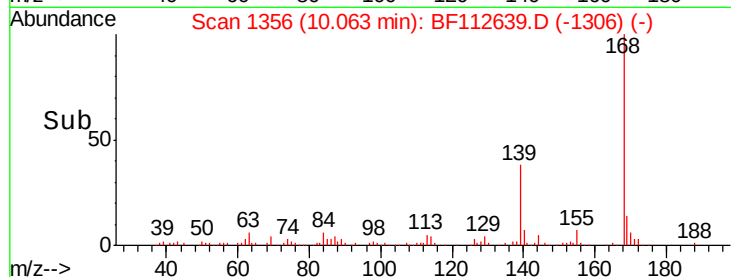
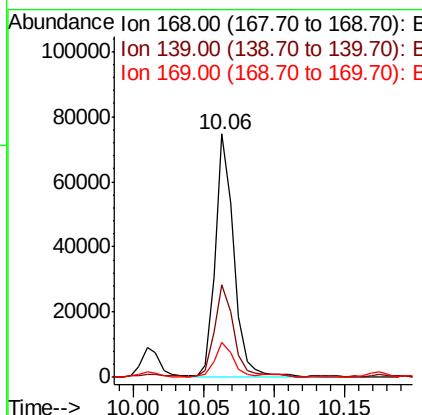
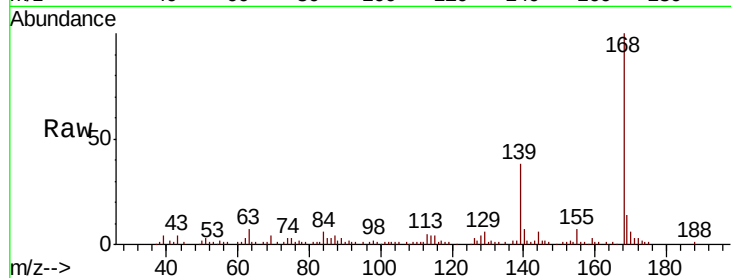




#55
Dibenzenofuran
Concen: 5.302 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

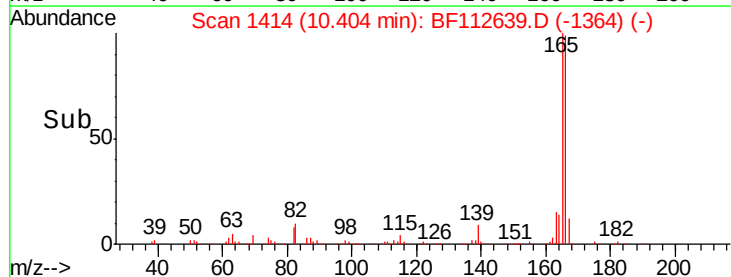
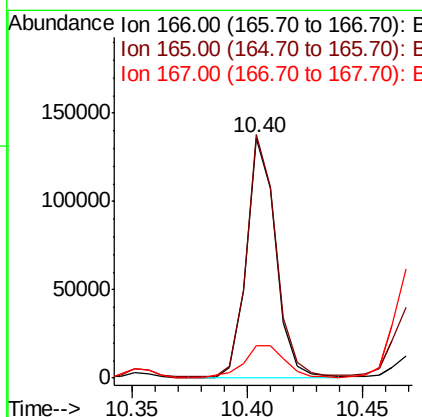
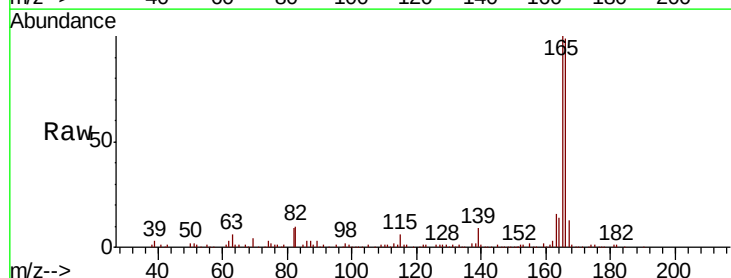
Instrument :
BNA_F
ClientSampled :
MW-4

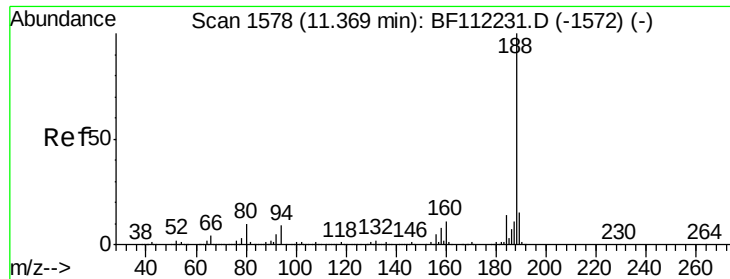
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.2	43.8
169	14.2	11.4	17.0



#58
Fluorene
Concen: 12.366 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF112639.D
Acq: 20 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.1	115.7
167	13.5	11.3	16.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

Instrument :

BNA_F

ClientSampleId :

MW-4

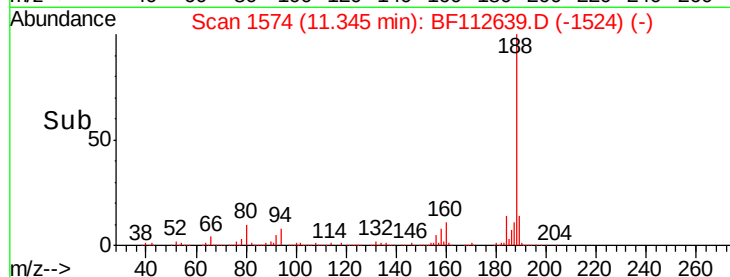
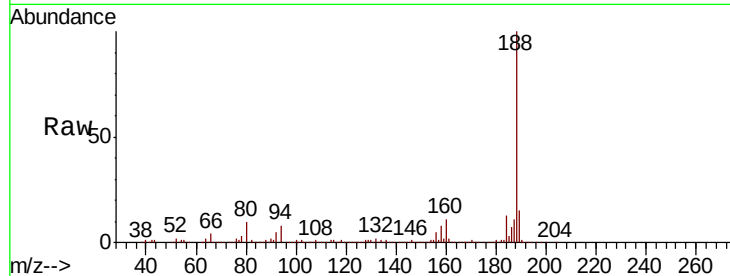
Tot Ion:188 Resp: 267295

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

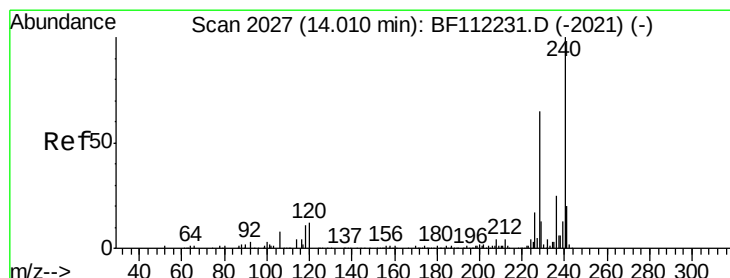
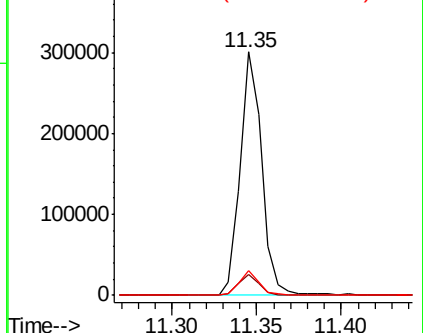
80 10.1 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112639.D

Acq: 20 Feb 2019 13:57

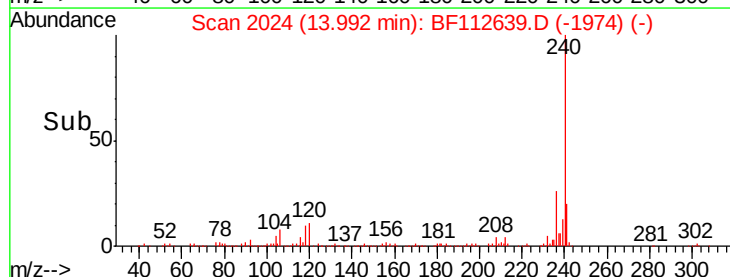
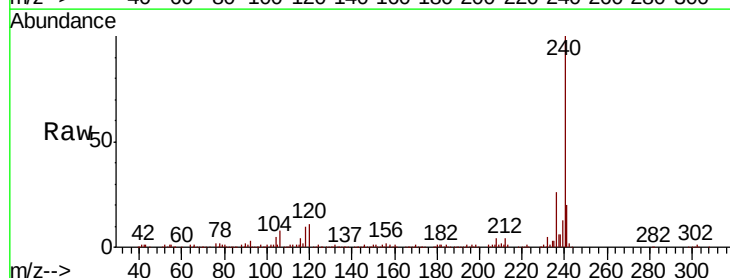
Tgt Ion:240 Resp: 200138

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

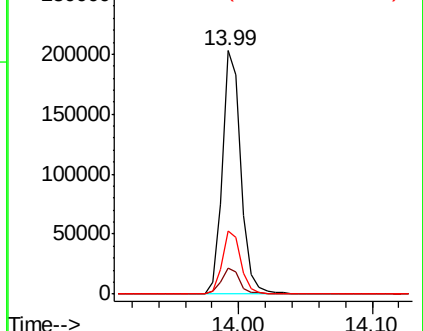
236 26.1 20.7 31.1

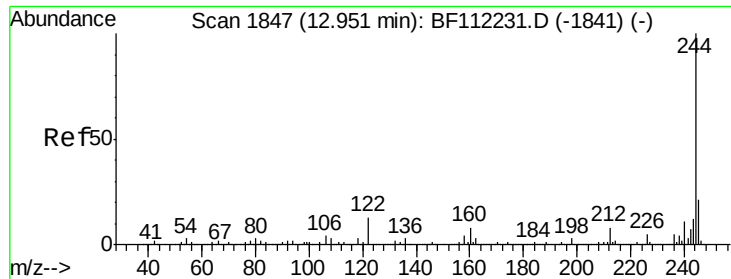


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

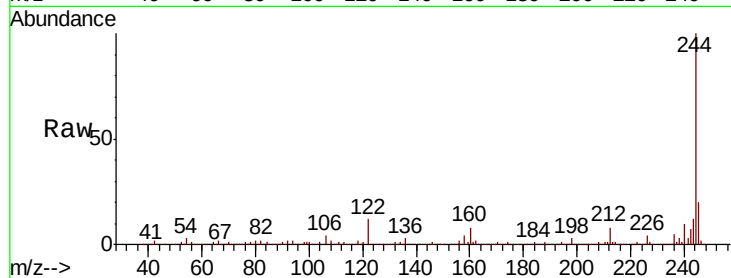




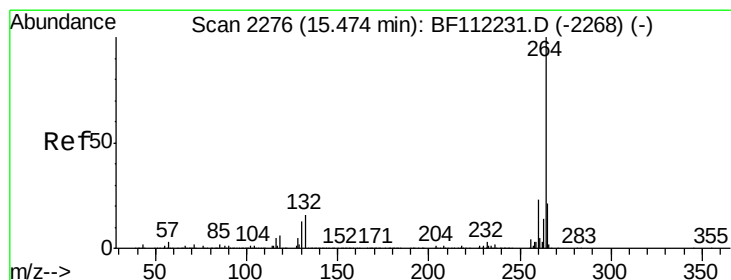
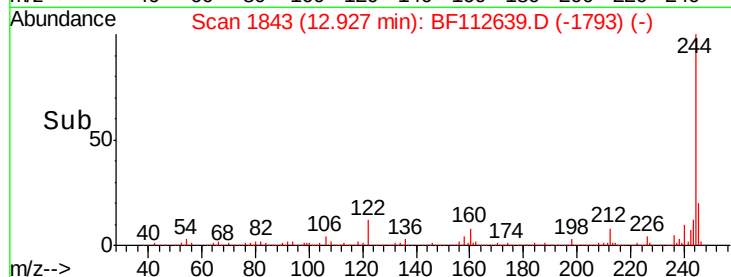
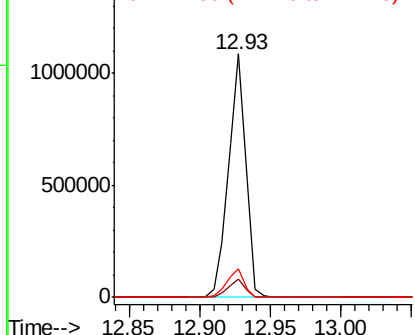
#79
 Terphenyl-d14
 Concen: 87.193 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF112639.D
 Acq: 20 Feb 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 926527
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.8 9.8 14.6

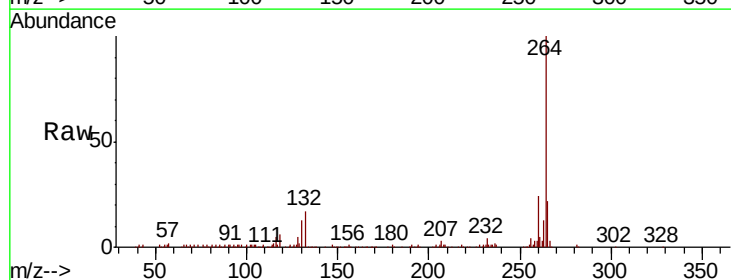


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF112639.D
 Acq: 20 Feb 2019 13:57

Tgt Ion:264 Resp: 180402
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 22.1 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

