

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115434.D
 Acq On : 9 Jul 2019 15:25
 Operator : HP/JU
 Sample : K3705-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

Quant Time: Jul 09 16:38:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

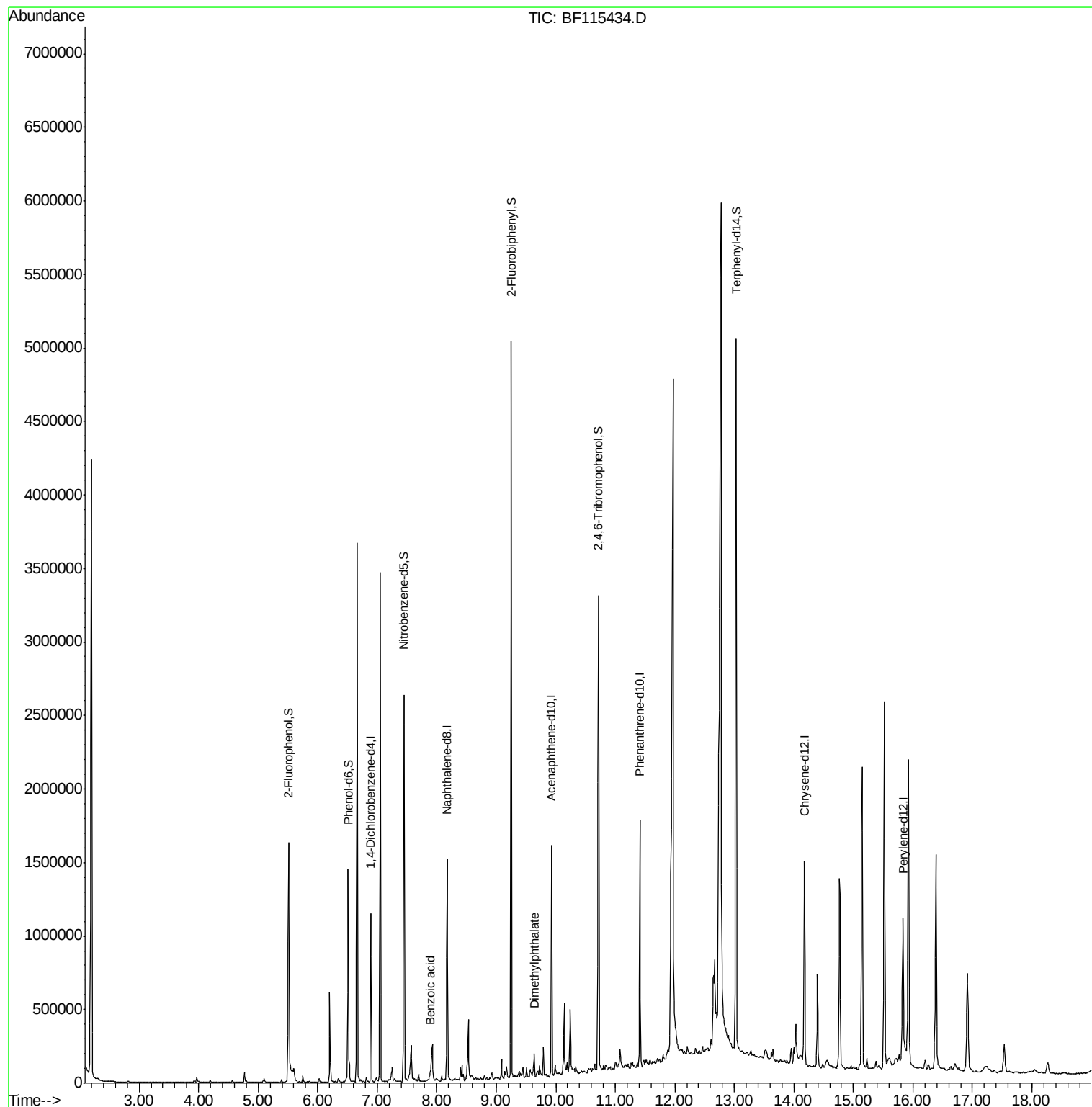
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	159320	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	615810	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	314945	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	623528	20.00	ng	0.00
76) Chrysene-d12	14.18	240	478877	20.00	ng	-0.04
87) Perylene-d12	15.83	264	407252	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	543208	52.68	ng	0.00
7) Phenol-d6	6.51	99	484148	36.92	ng	-0.02
23) Nitrobenzene-d5	7.45	82	998688	95.82	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	472076	135.57	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1716673	95.65	ng	0.00
79) Terphenyl-d14	13.03	244	2123066	90.77	ng	0.00
Target Compounds						
32) Benzoic acid	7.89	122	18920	8.502	ng	98
50) Dimethylphthalate	9.64	163	52960	2.240	ng	99

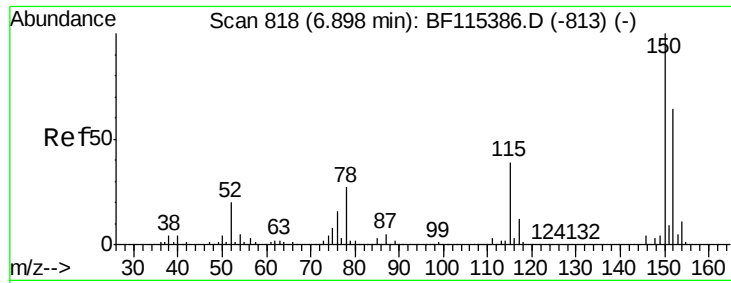
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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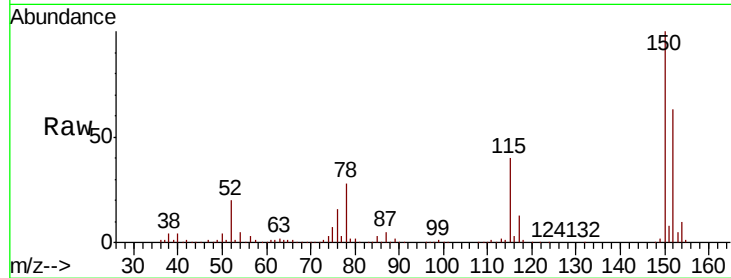




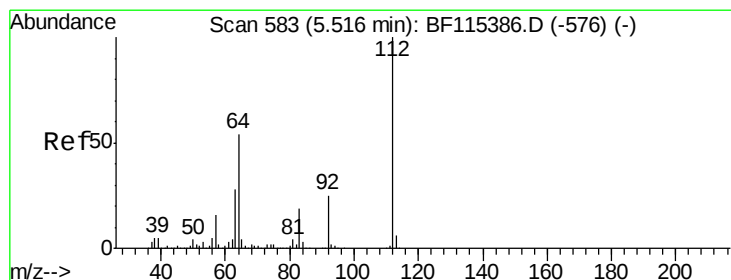
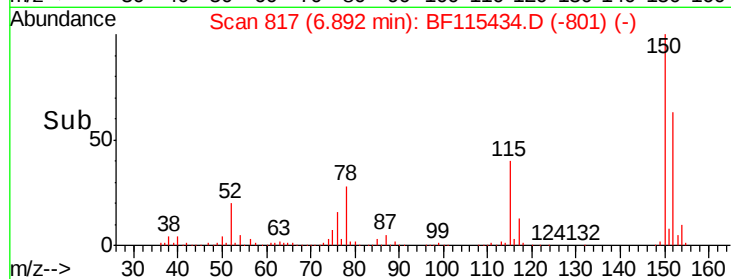
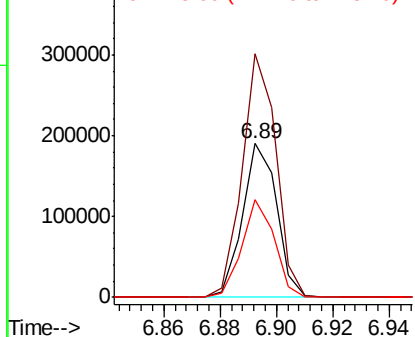
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

Tot Ion:152 Resp: 159320
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.5 189.7
 115 63.5 48.6 73.0

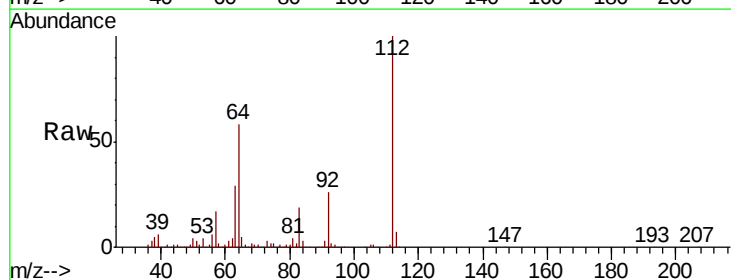


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

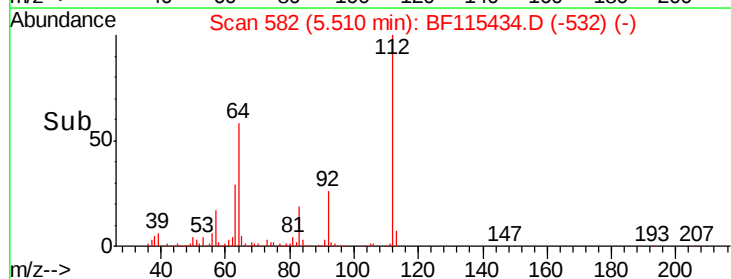
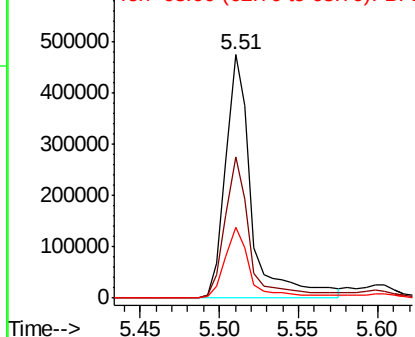


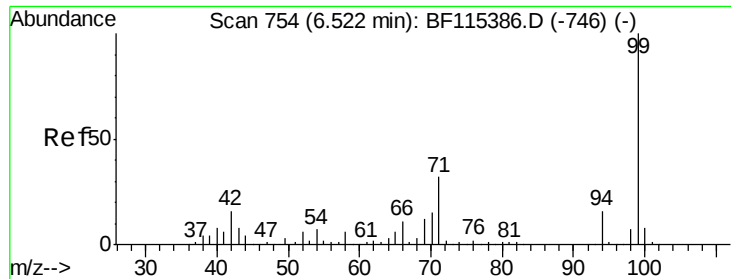
#5
 2-Fluorophenol
 Concen: 52.678 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

Tgt Ion:112 Resp: 543208
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.0 70.4
 63 29.2 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





#7

Phenol-d6

Concen: 36.917 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF115434.D

Acq: 9 Jul 2019 15:25

Instrument :

BNA_F

ClientSampleId :

GW-1-NE-BOILER-PIT

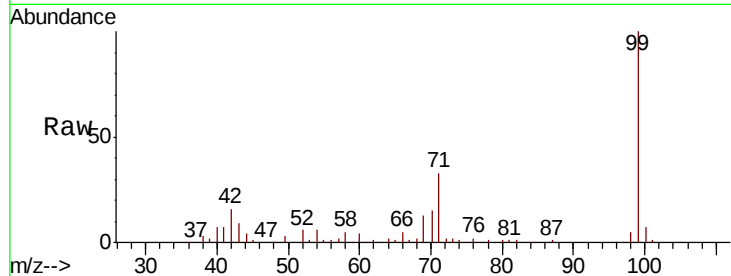
Tot Ion: 99 Resp: 484148

Ion Ratio Lower Upper

99 100

42 16.5 12.7 19.1

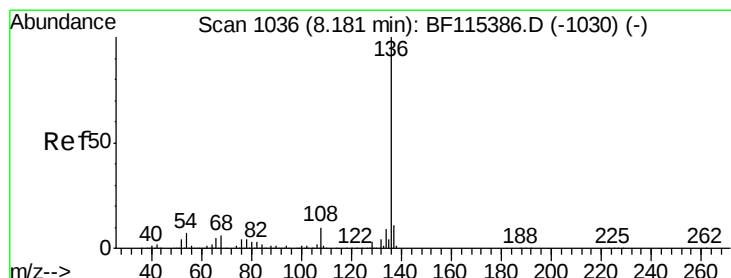
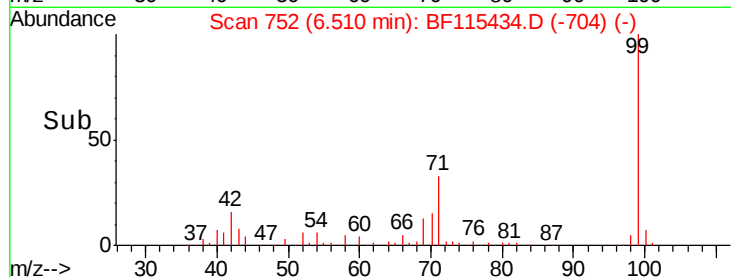
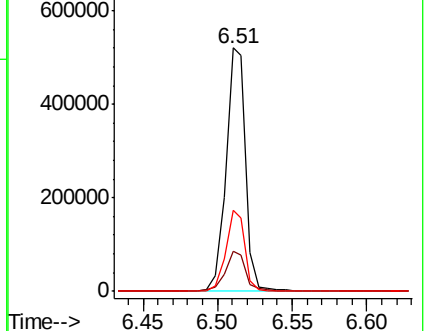
71 33.1 26.2 39.2



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115434.D

Acq: 9 Jul 2019 15:25

Tgt Ion: 136 Resp: 615810

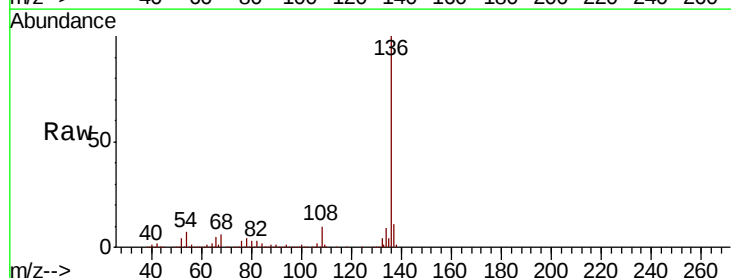
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 5.5 8.3

68 6.3 5.1 7.7

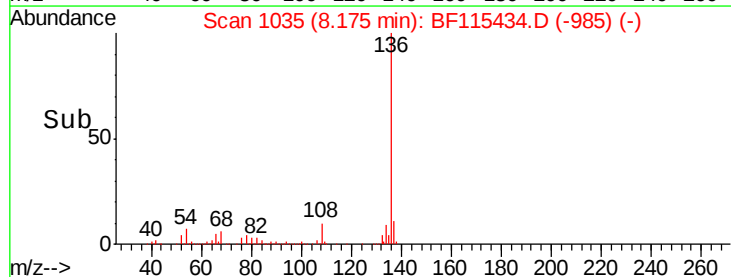
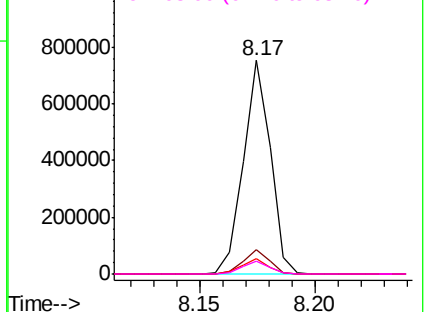


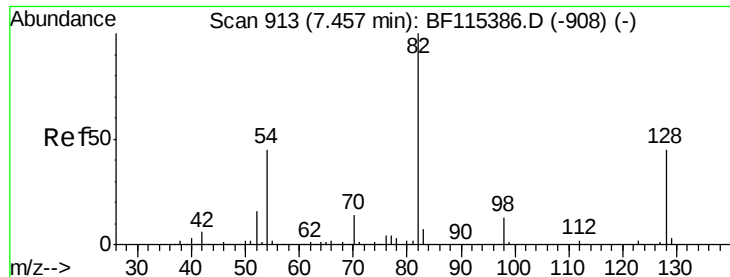
Abundance Ion 136.00 (135.70 to 136.70): E

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

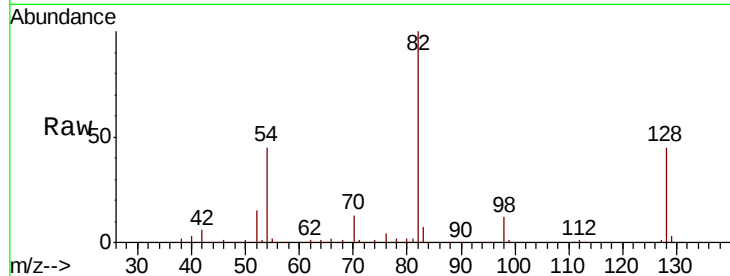




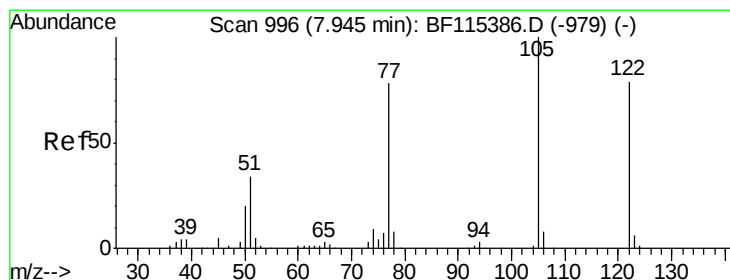
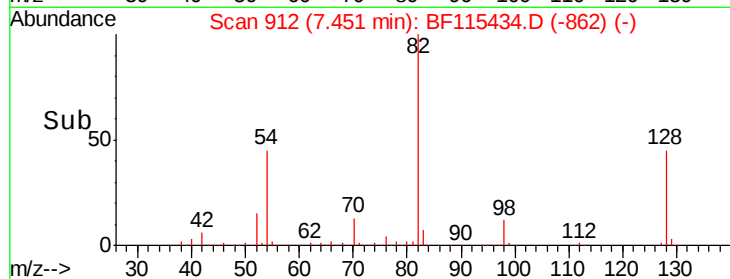
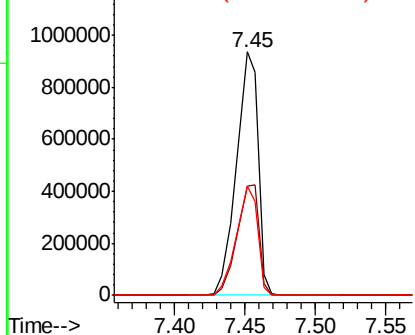
#23
 Nitrobenzene-d5
 Concen: 95.818 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

Tot Ion: 82 Resp: 998688
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.2 54.4
 54 44.6 35.4 53.0

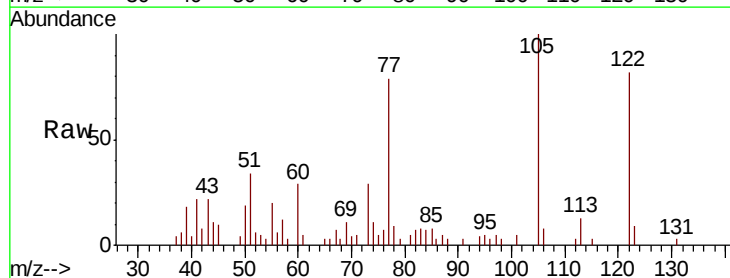


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

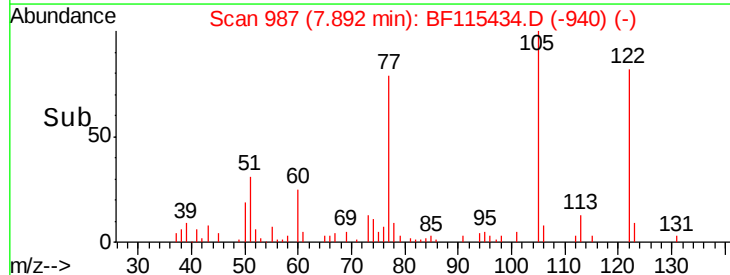
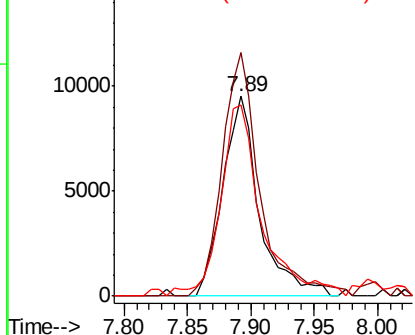


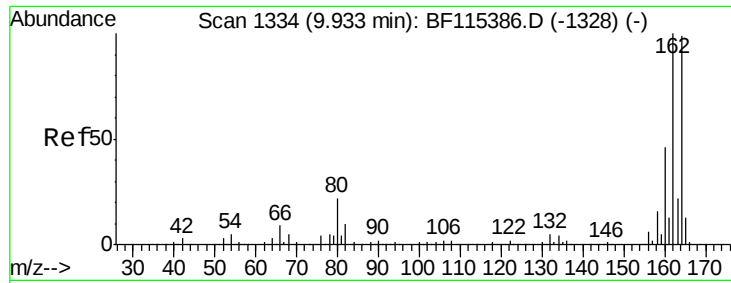
#32
 Benzoic acid
 Concen: 8.502 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

Tgt Ion: 122 Resp: 18920
 Ion Ratio Lower Upper
 122 100
 105 121.9 102.5 142.5
 77 95.9 72.3 112.3



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

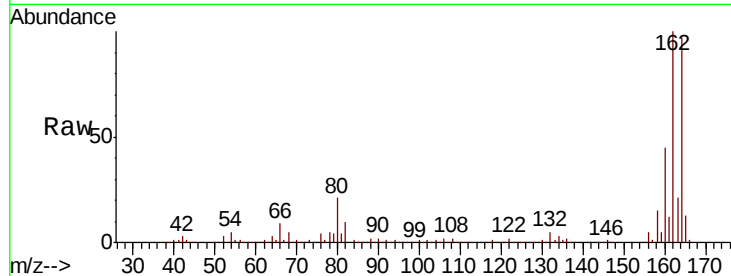




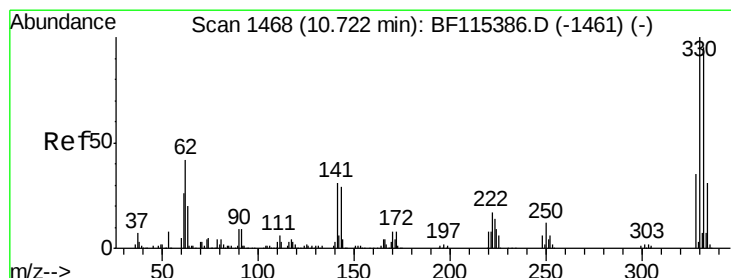
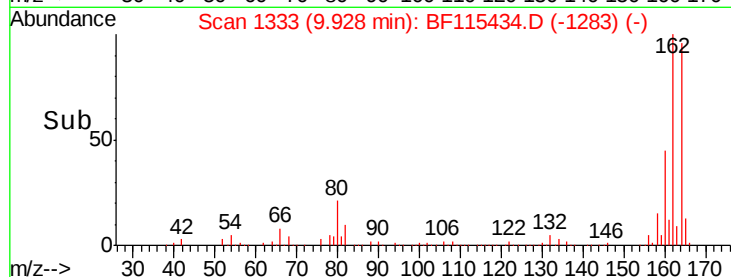
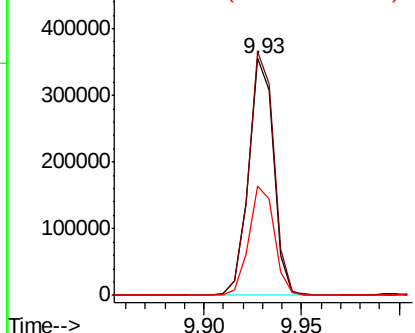
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115434.D
Acq: 9 Jul 2019 15:25

Instrument :
BNA_F
ClientSampleId :
GW-1-NE-BOILER-PIT

Tot Ion:164 Resp: 314945
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 46.4 36.6 55.0

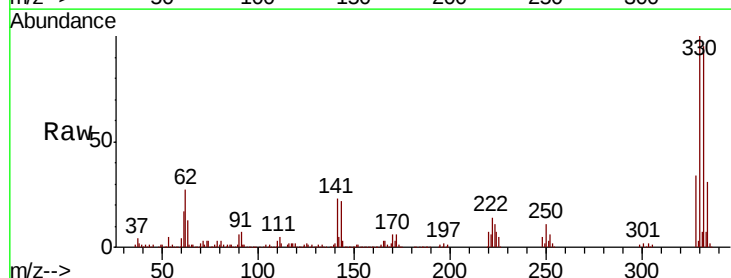


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

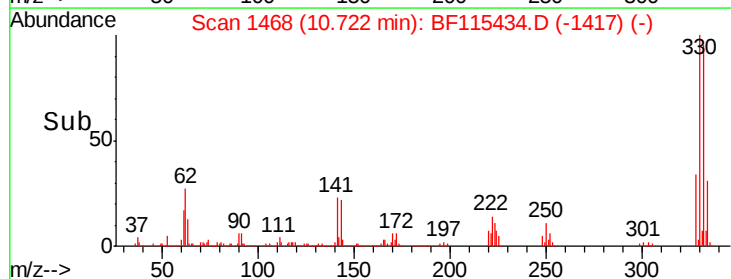
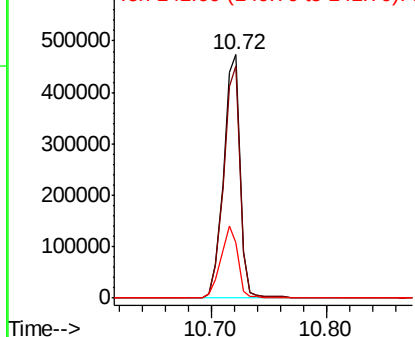


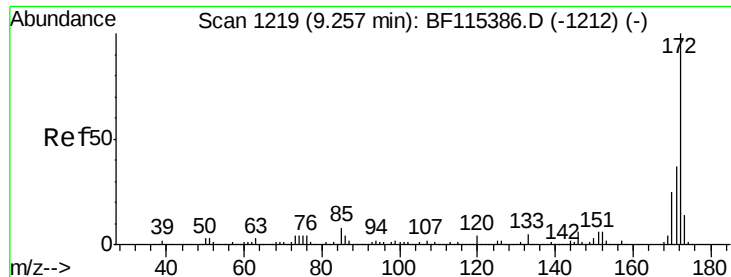
#42
2,4,6-Tribromophenol
Concen: 135.567 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF115434.D
Acq: 9 Jul 2019 15:25

Tgt Ion:330 Resp: 472076
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 30.3 25.1 37.7



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

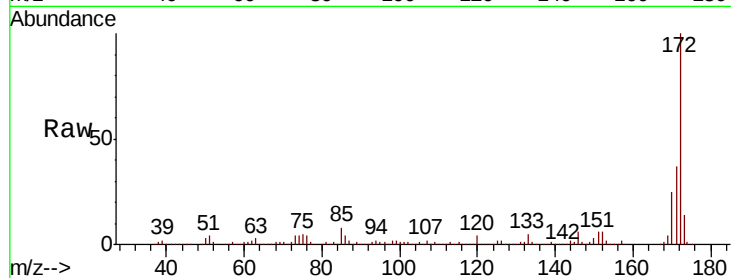




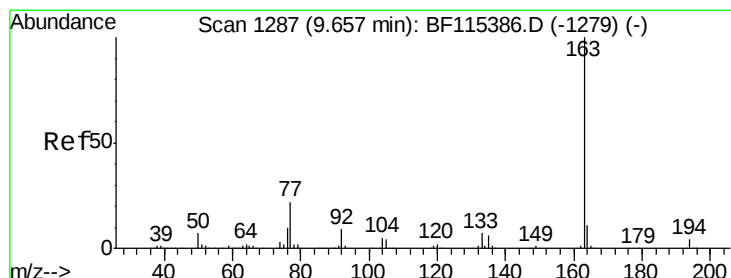
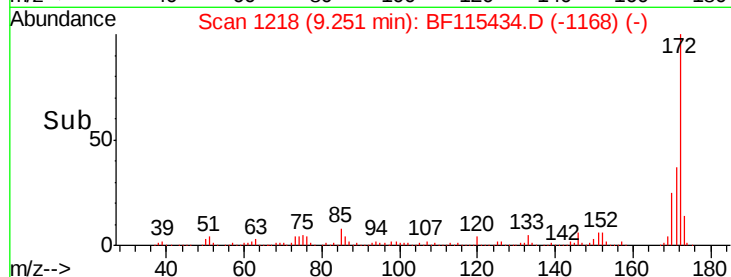
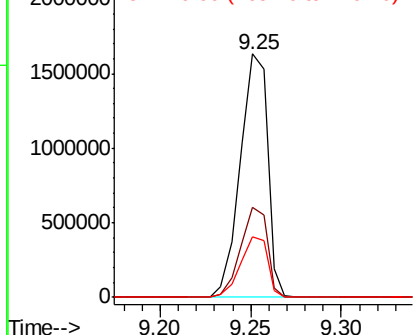
#45
2-Fluorobiphenyl
Concen: 95.646 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115434.D
Acq: 9 Jul 2019 15:25

Instrument :
BNA_F
ClientSampleId :
GW-1-NE-BOILER-PIT

Tot Ion:172 Resp: 1716673
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.8
170 24.8 19.8 29.6

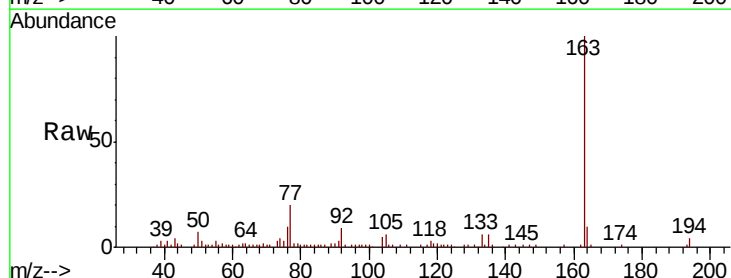


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

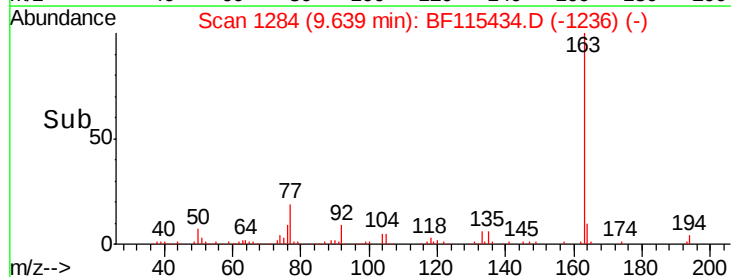
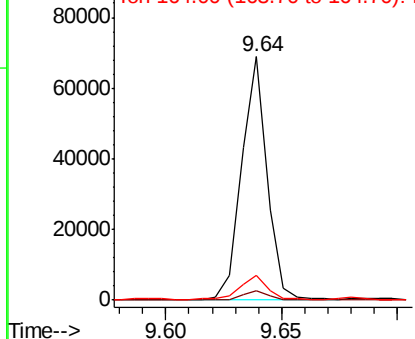


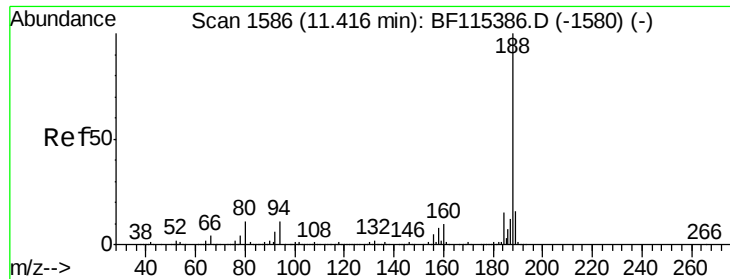
#50
Dimethylphthalate
Concen: 2.240 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115434.D
Acq: 9 Jul 2019 15:25

Tgt Ion:163 Resp: 52960
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF115434.D

Acq: 9 Jul 2019 15:25

Instrument :

BNA_F

ClientSampleId :

GW-1-NE-BOILER-PIT

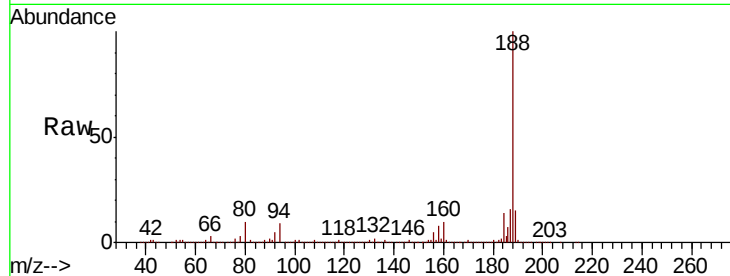
Tot Ion:188 Resp: 623528

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

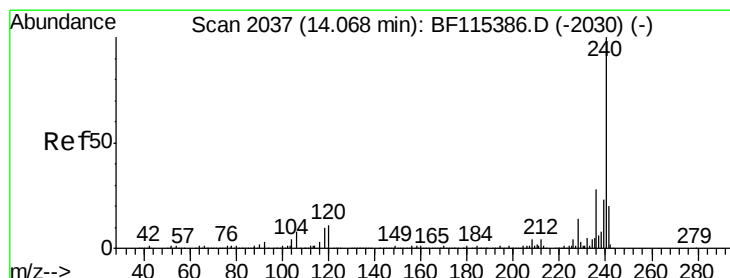
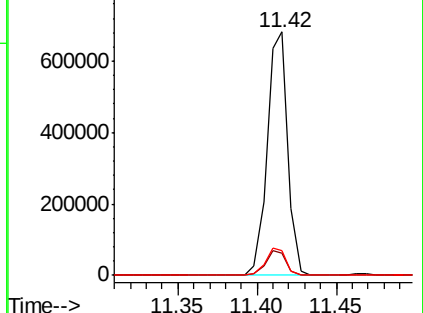
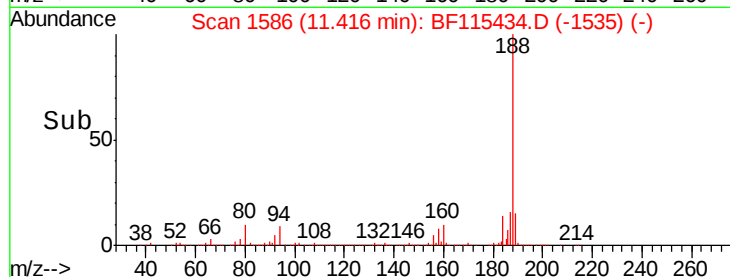
80 10.0 8.6 13.0



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: 14.18 min Scan# 2056

Delta R.T. -0.04 min

Lab File: BF115434.D

Acq: 9 Jul 2019 15:25

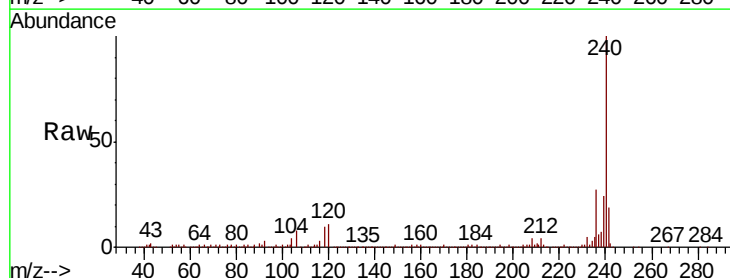
Tgt Ion:240 Resp: 478877

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

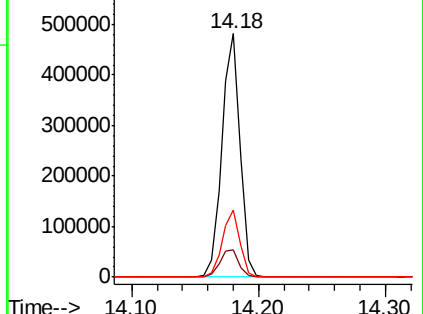
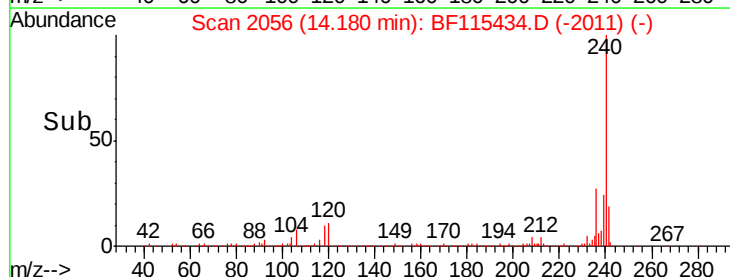
236 27.3 21.6 32.4

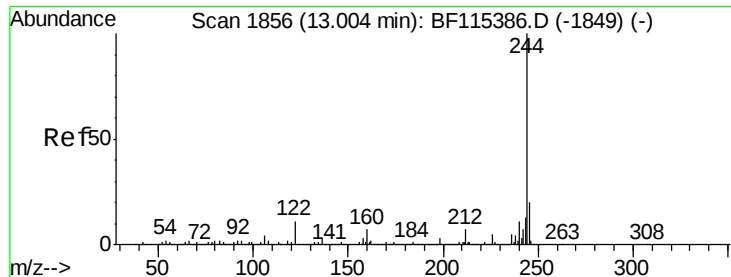


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



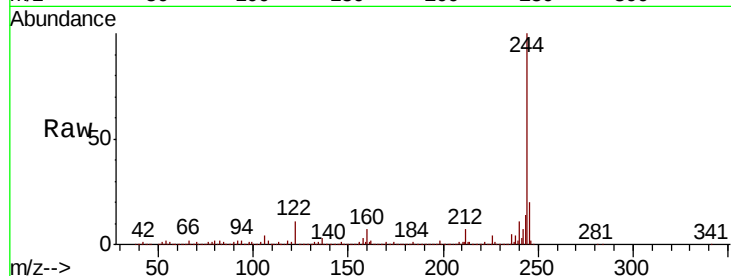


#79
 Terphenyl-d14
 Concen: 90.775 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

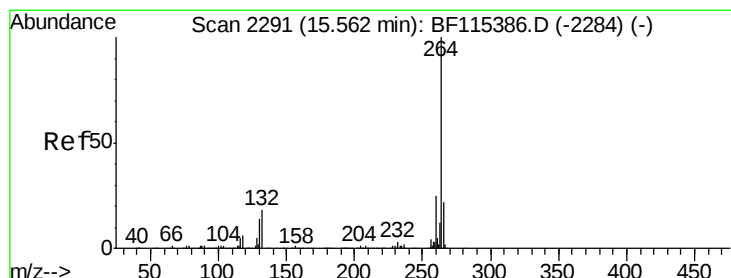
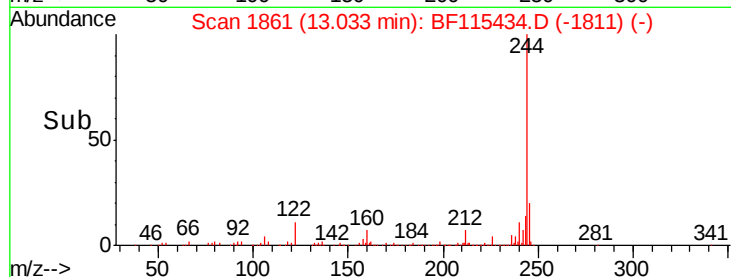
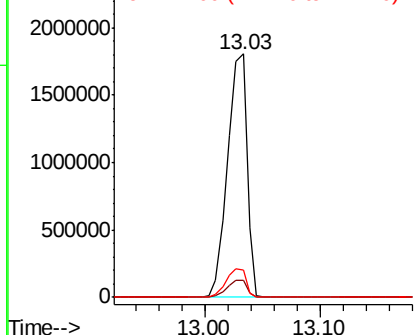
Instrument :
 BNA_F
 ClientSampleId :
 GW-1-NE-BOILER-PIT

Tot Ion:244 Resp: 2123066

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.0	9.3	13.9



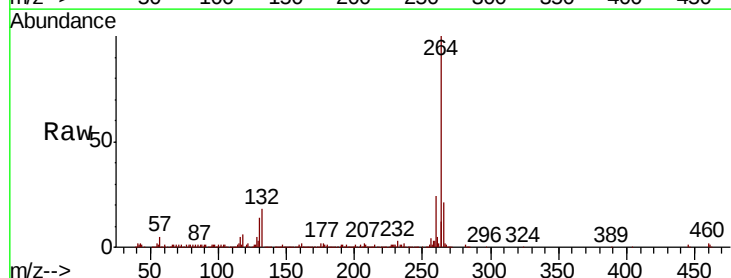
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.83 min Scan# 2337
 Delta R.T. -0.05 min
 Lab File: BF115434.D
 Acq: 9 Jul 2019 15:25

Tgt Ion:264 Resp: 407252

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.0	17.2	25.8



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

