

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118614.D
 Acq On : 21 Jan 2020 1:59
 Operator : CG/JU
 Sample : L1004-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720

Quant Time: Jan 21 03:22:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

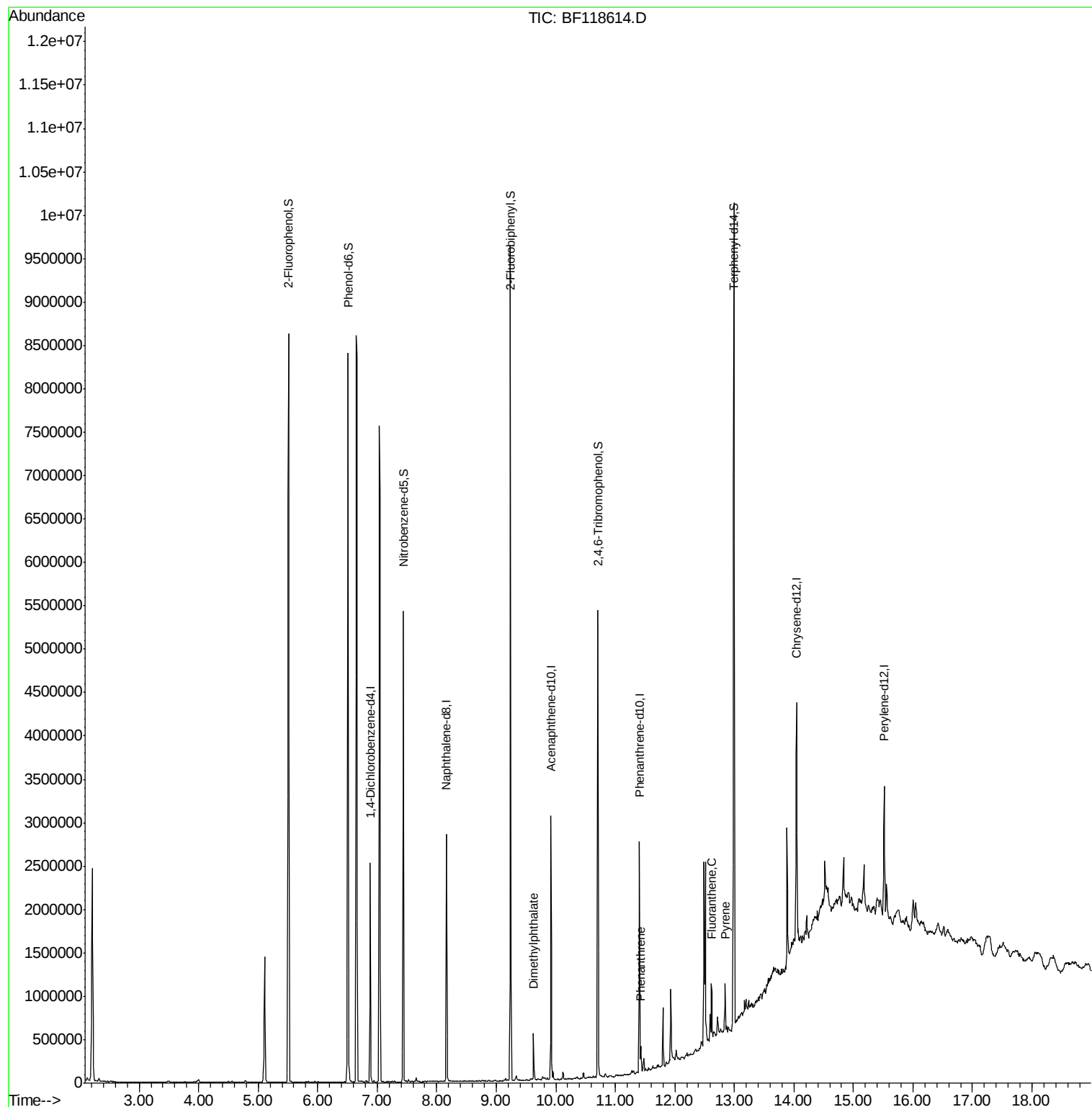
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	390337	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1256115	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	571932	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	966922	20.00	ng	0.00
76) Chrysene-d12	14.04	240	854798	20.00	ng	0.00
87) Perylene-d12	15.52	264	779602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2402068	114.29	ng	0.01
7) Phenol-d6	6.51	99	3013049	110.30	ng	0.00
23) Nitrobenzene-d5	7.44	82	1748795	77.87	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	701243	106.01	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2889960	83.05	ng	0.00
79) Terphenyl-d14	12.99	244	3172893	80.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	212516	5.703	ng	96
71) Phenanthrene	11.43	178	106049	2.273	ng	92
75) Fluoranthene	12.62	202	239625	4.870	ng	96
78) Pyrene	12.84	202	231537	3.990	ng	93

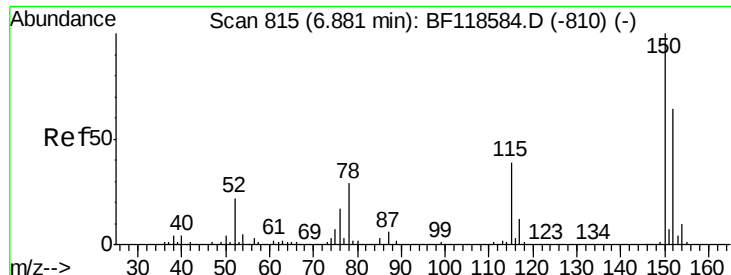
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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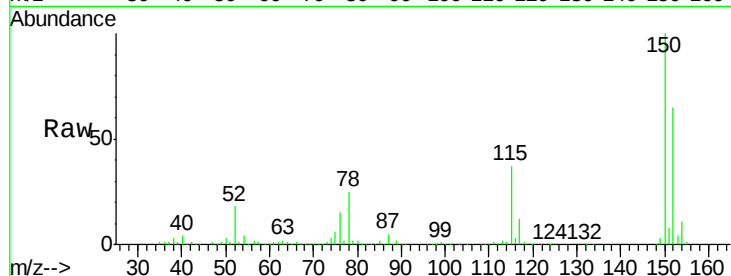


#1

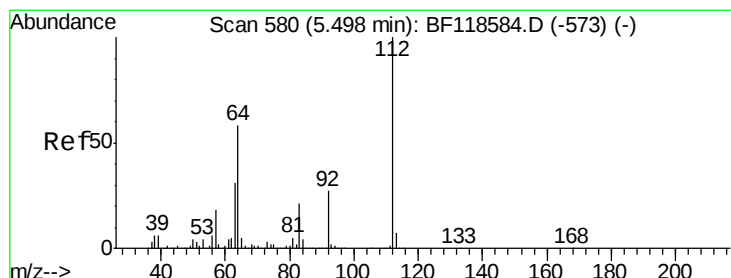
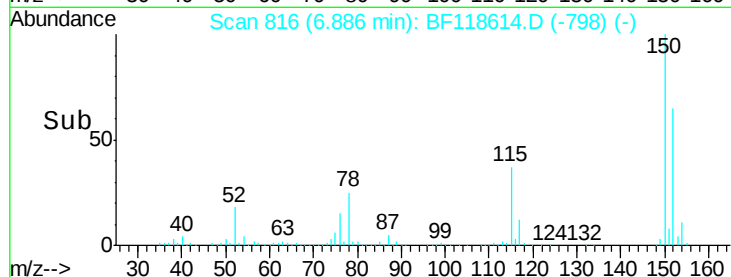
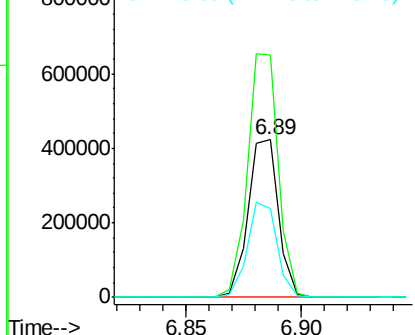
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118614.D
Acq: 21 Jan 2020 1:59

Instrument :
BNA_F
ClientSampleId :
BU-02-101720

Tot Ion:152 Resp: 390337
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.6 48.4 72.6



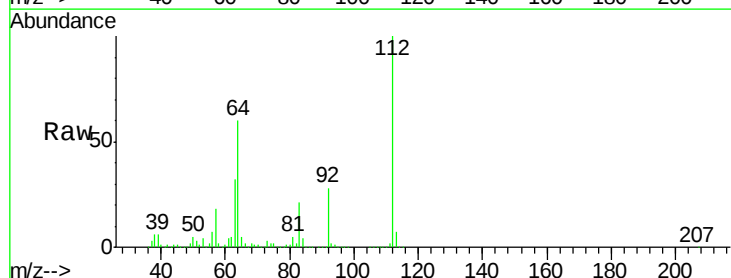
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



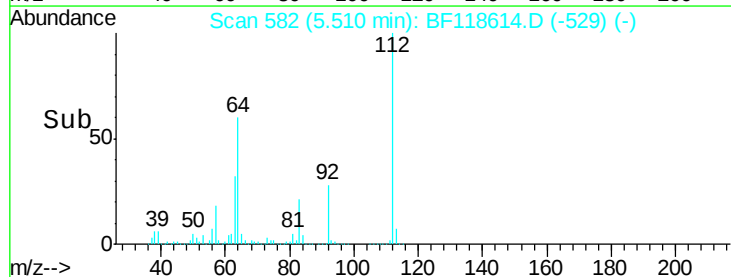
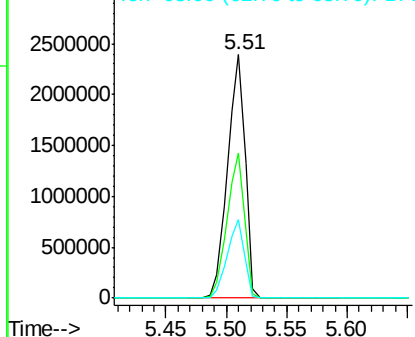
#5

2-Fluorophenol
Concen: 114.292 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118614.D
Acq: 21 Jan 2020 1:59

Tgt Ion:112 Resp: 2402068
Ion Ratio Lower Upper
112 100
64 59.8 46.6 70.0
63 32.3 25.1 37.7



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: 110.301 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

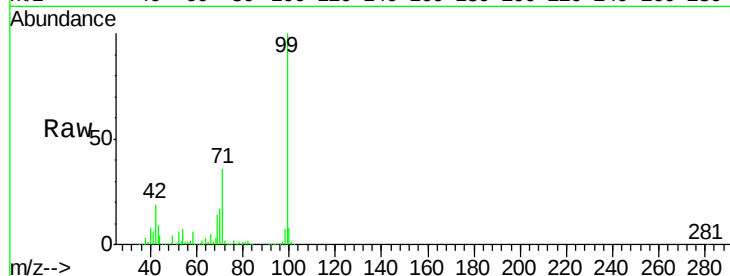
Tot Ion: 99 Resp: 3013049

Ion Ratio Lower Upper

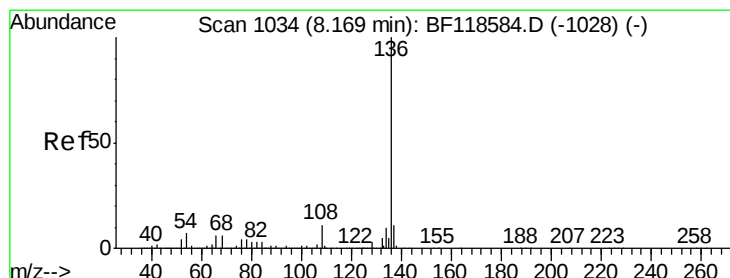
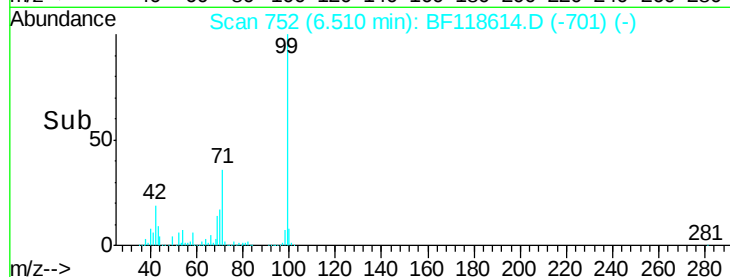
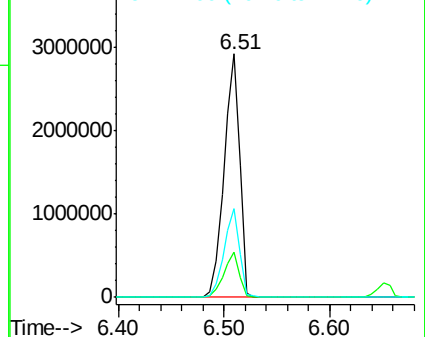
99 100

42 18.7 14.2 21.2

71 36.4 27.8 41.6



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

Tgt Ion: 136 Resp: 1256115

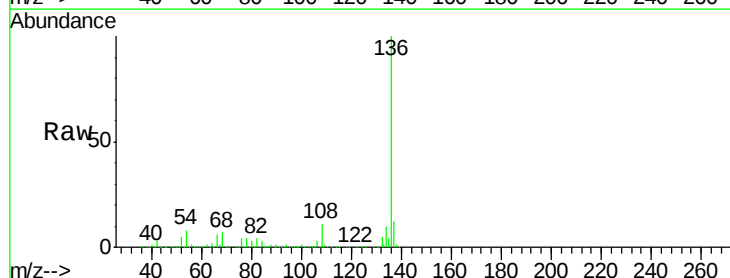
Ion Ratio Lower Upper

136 100

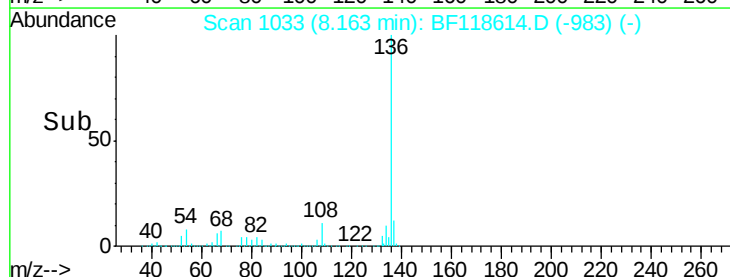
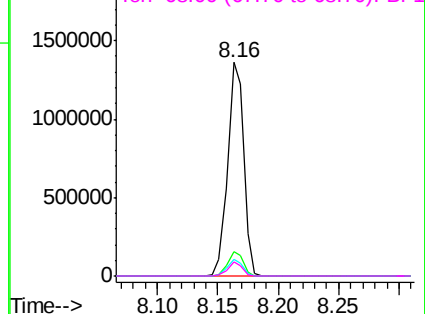
137 11.7 9.1 13.7

54 8.0 5.8 8.6

68 6.7 5.0 7.4



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: 77.873 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

Instrument :

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BU-02-101720

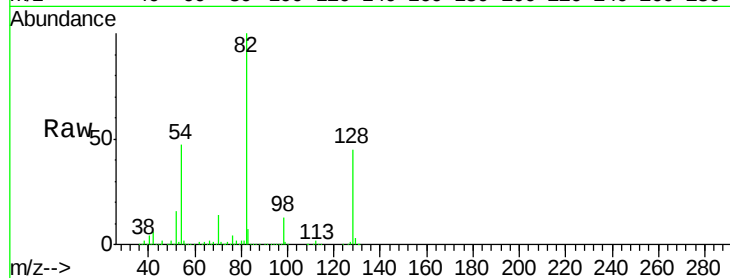
Tot Ion: 82 Resp: 1748795

Ion Ratio Lower Upper

82 100

128 45.5 36.6 54.8

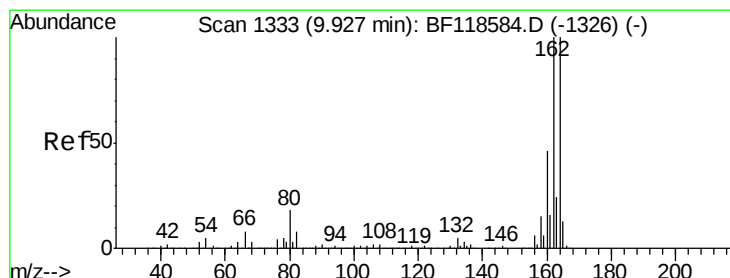
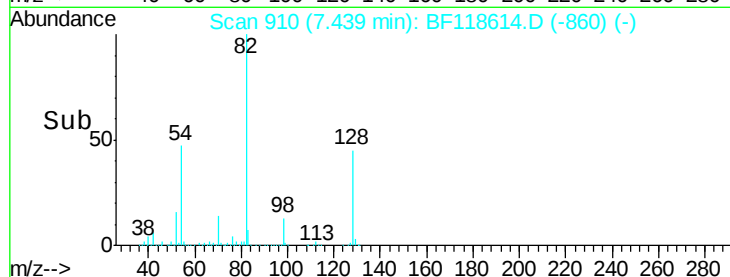
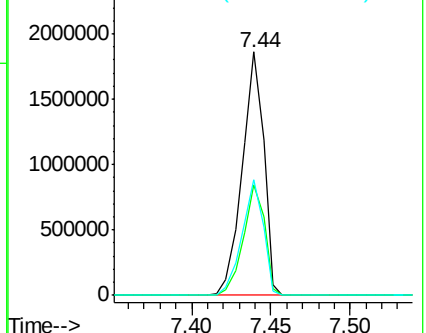
54 47.3 38.0 57.0



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

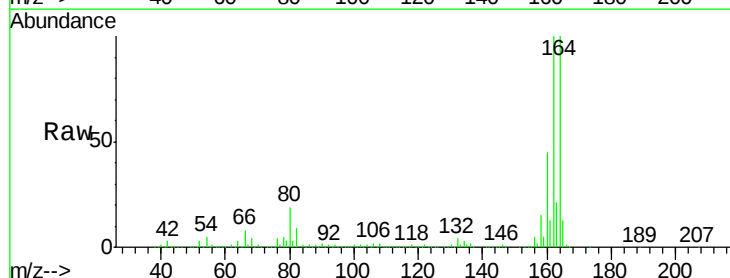
Tgt Ion:164 Resp: 571932

Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

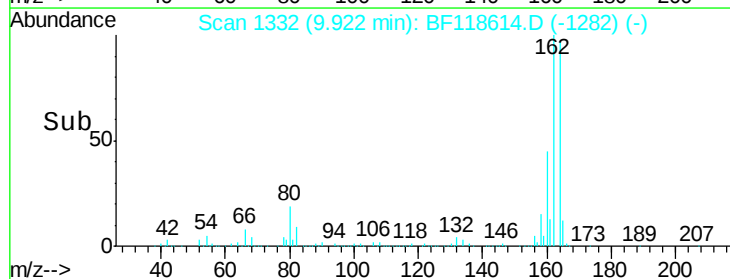
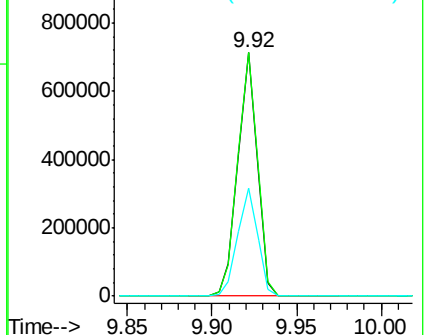
160 44.6 36.6 55.0

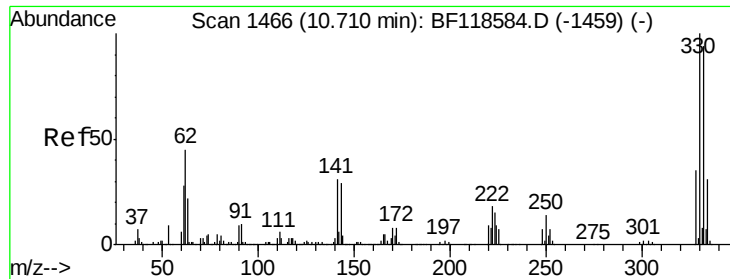


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

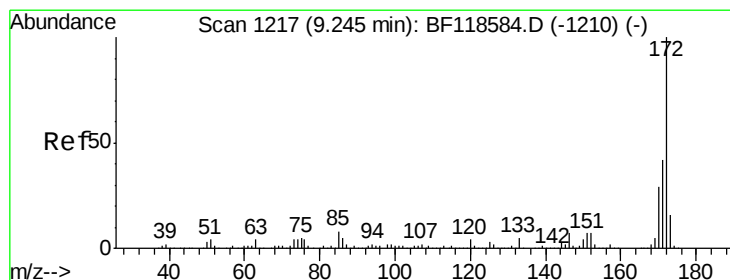
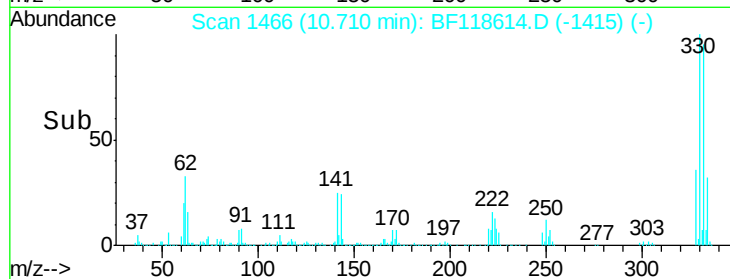
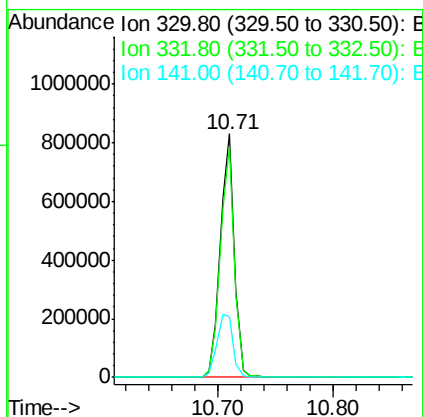
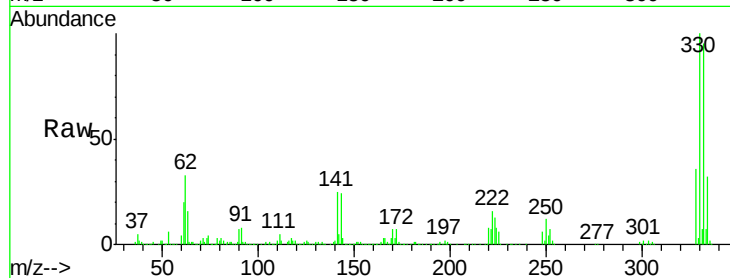




#42
 2,4,6-Tribromophenol
 Concen: 106.006 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF118614.D
 Acq: 21 Jan 2020 1:59

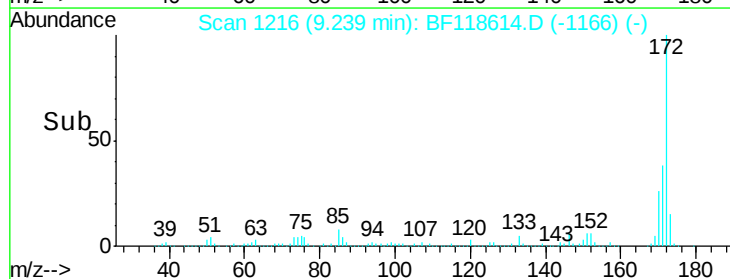
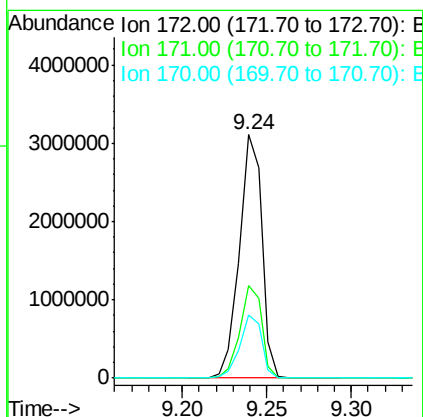
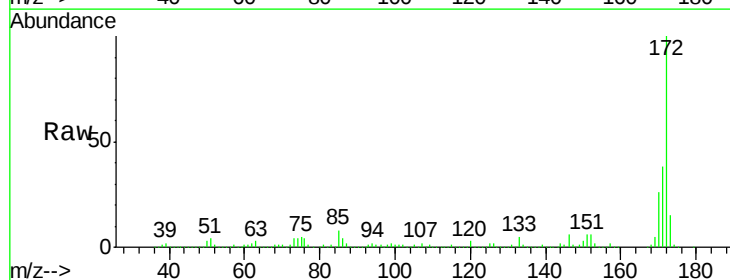
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720

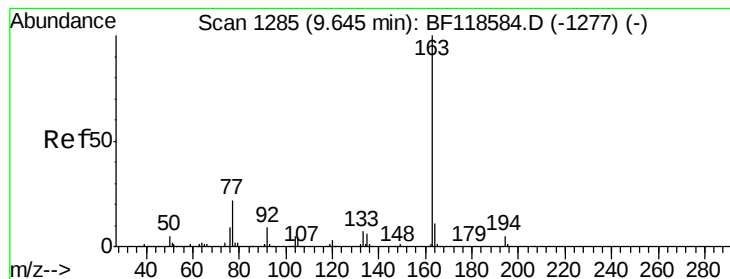
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	29.3	23.9	35.9



#45
 2-Fluorobiphenyl
 Concen: 83.052 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118614.D
 Acq: 21 Jan 2020 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	33.4	50.2
170	26.0	23.2	34.8





#50

Dimethylphthalate

Concen: 5.703 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

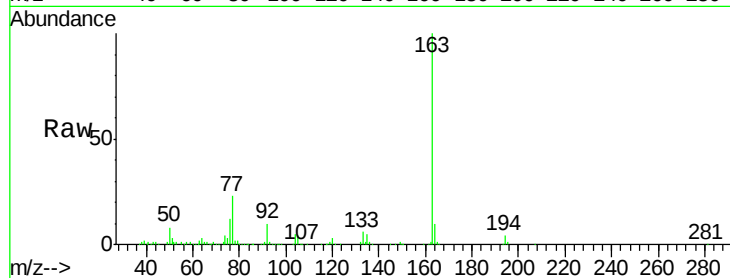
Tot Ion:163 Resp: 212516

Ion Ratio Lower Upper

163 100

194 4.0 3.9 5.9

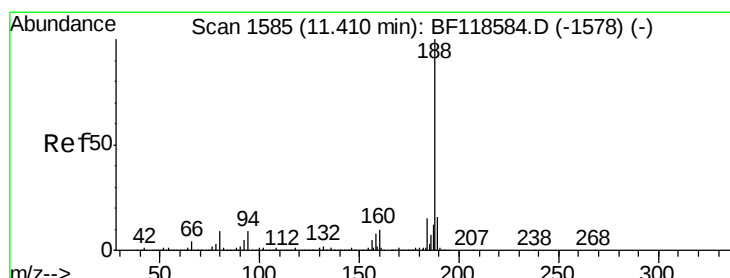
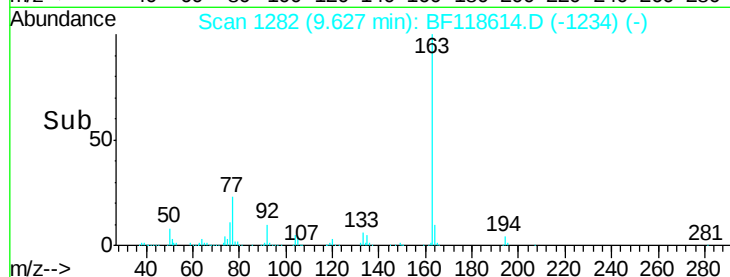
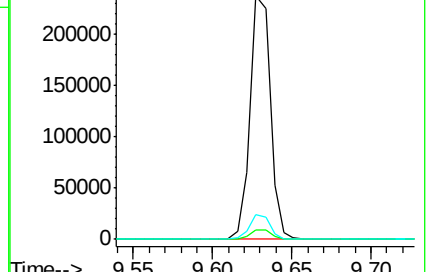
164 9.9 9.1 13.7



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

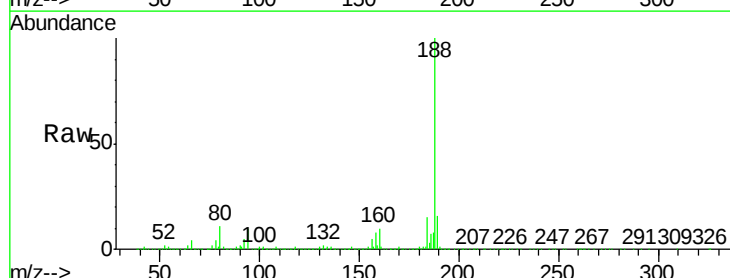
Tgt Ion:188 Resp: 966922

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

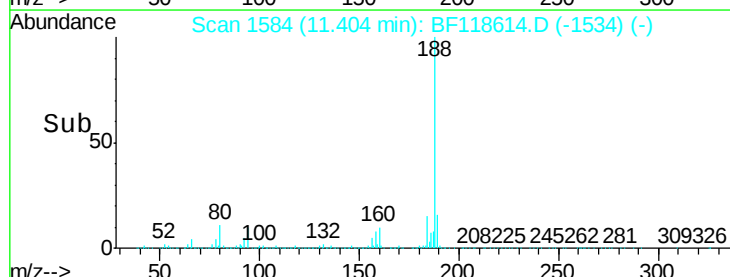
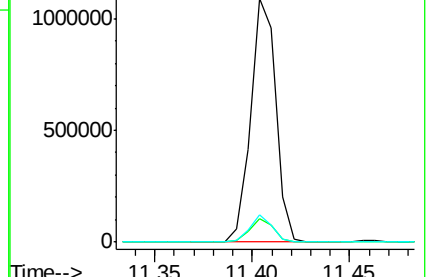
80 11.1 7.5 11.3

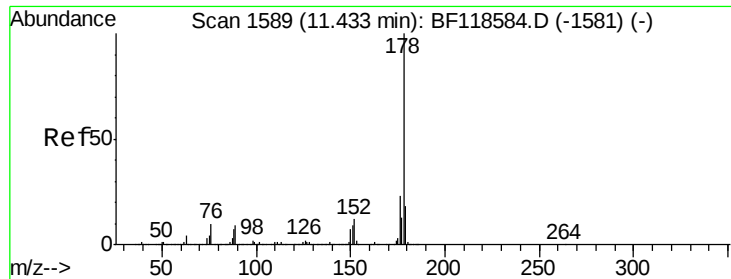


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.273 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

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BU-02-101720

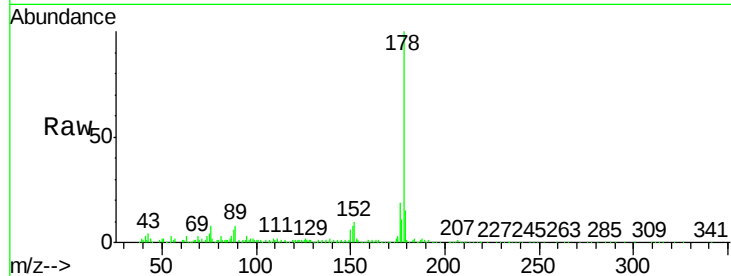
Tot Ion:178 Resp: 106049

Ion Ratio Lower Upper

178 100

176 19.2 18.6 27.8

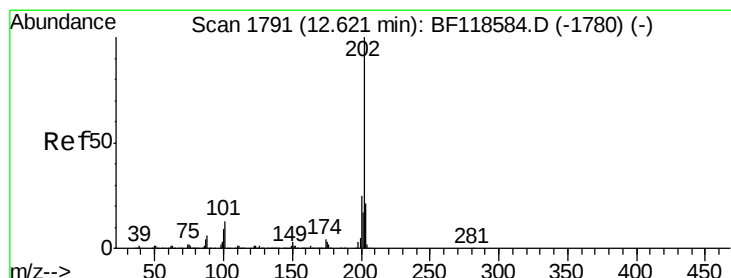
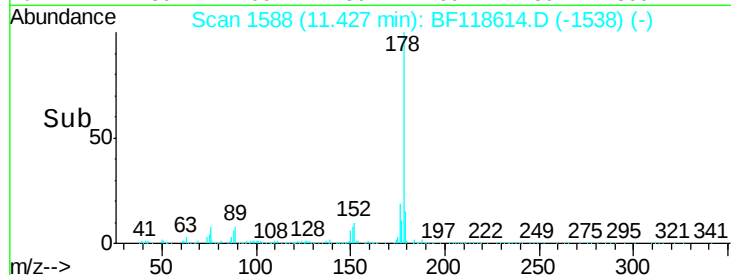
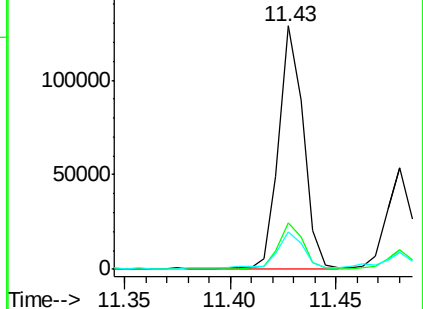
179 15.3 14.7 22.1



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



#75

Fluoranthene

Concen: 4.870 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

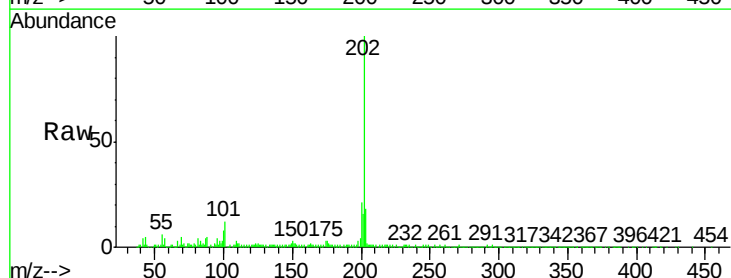
Tgt Ion:202 Resp: 239625

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

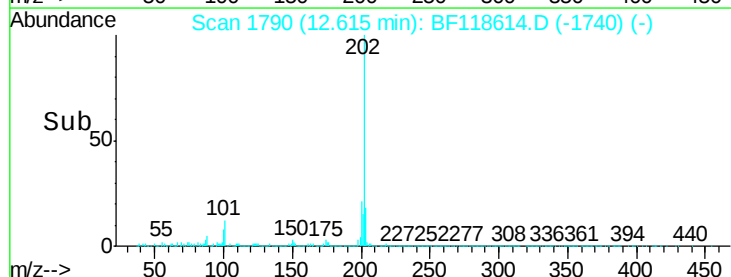
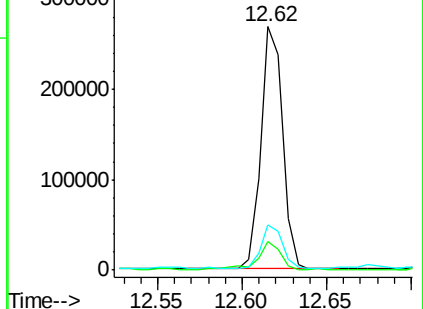
203 18.4 0.8 40.8

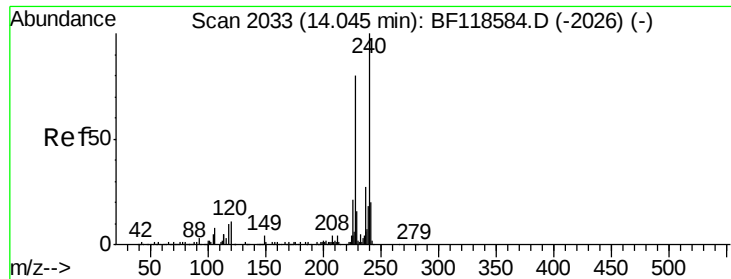


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

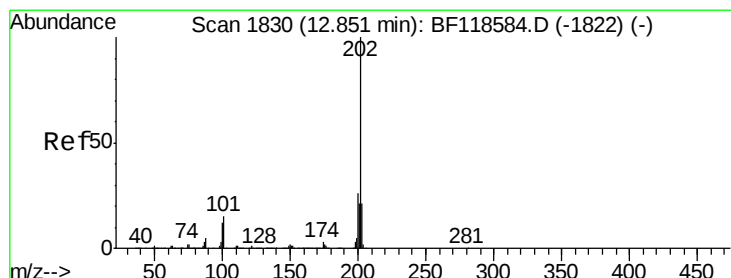
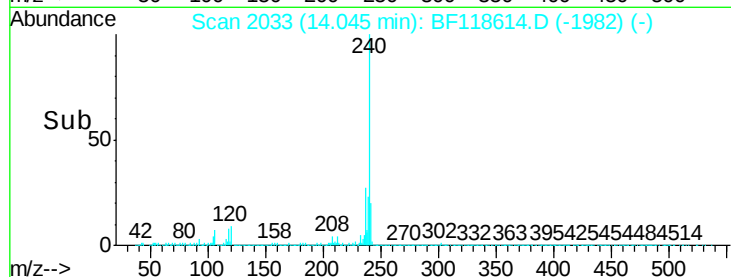
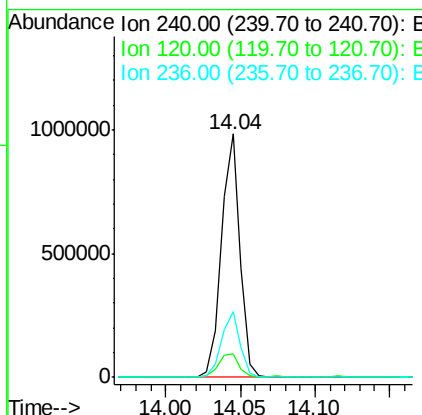
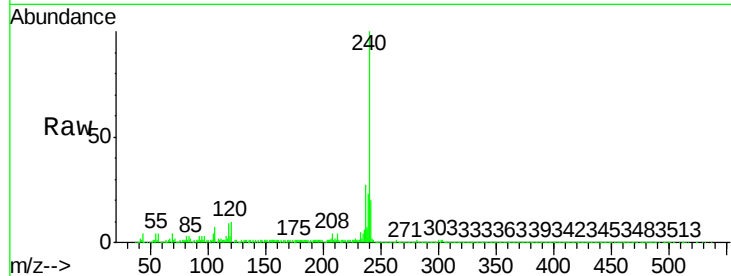




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF118614.D
Acq: 21 Jan 2020 1:59

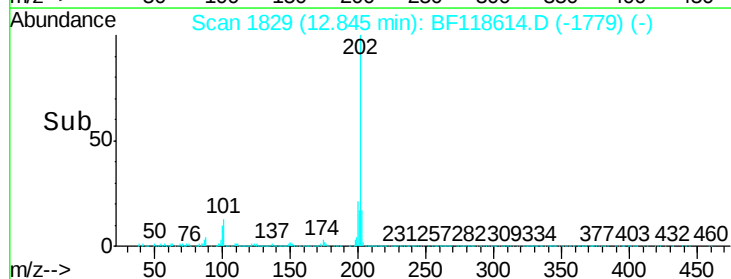
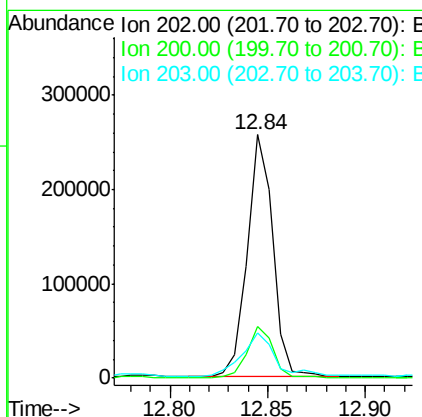
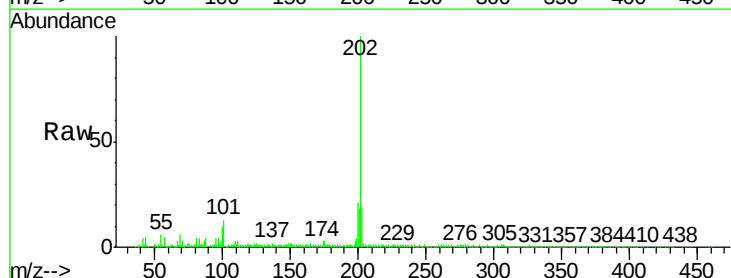
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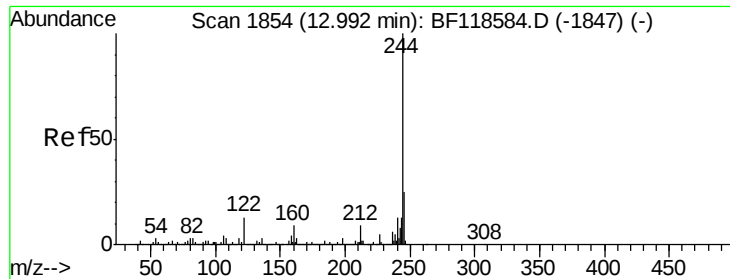
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	27.0	21.5	32.3



#78
Pyrene
Concen: 3.990 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118614.D
Acq: 21 Jan 2020 1:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	20.6	31.0
203	18.5	16.8	25.2





#79

Terphenyl-d14

Concen: 80.959 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

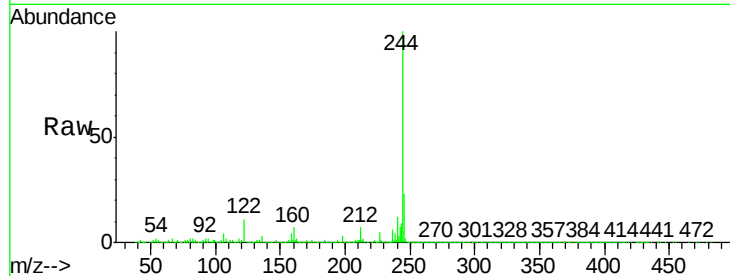
Tot Ion:244 Resp: 3172893

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

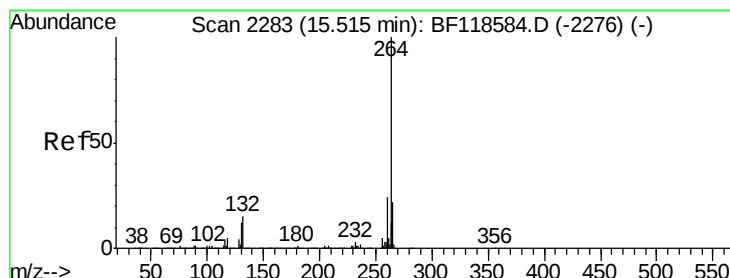
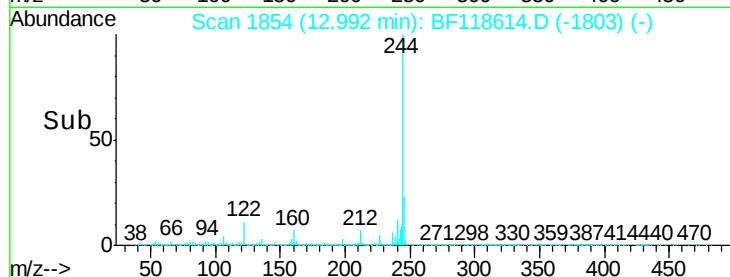
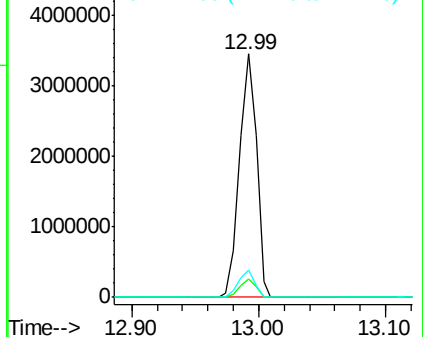
122 11.4 10.7 16.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF118614.D

Acq: 21 Jan 2020 1:59

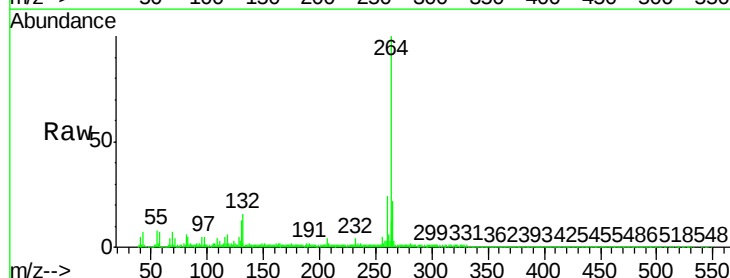
Tgt Ion:264 Resp: 779602

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 22.0 17.7 26.5



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

