

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117492.D
 Acq On : 23 Oct 2019 19:24
 Operator : JU
 Sample : K5139-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-102119

Quant Time: Oct 24 08:52:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

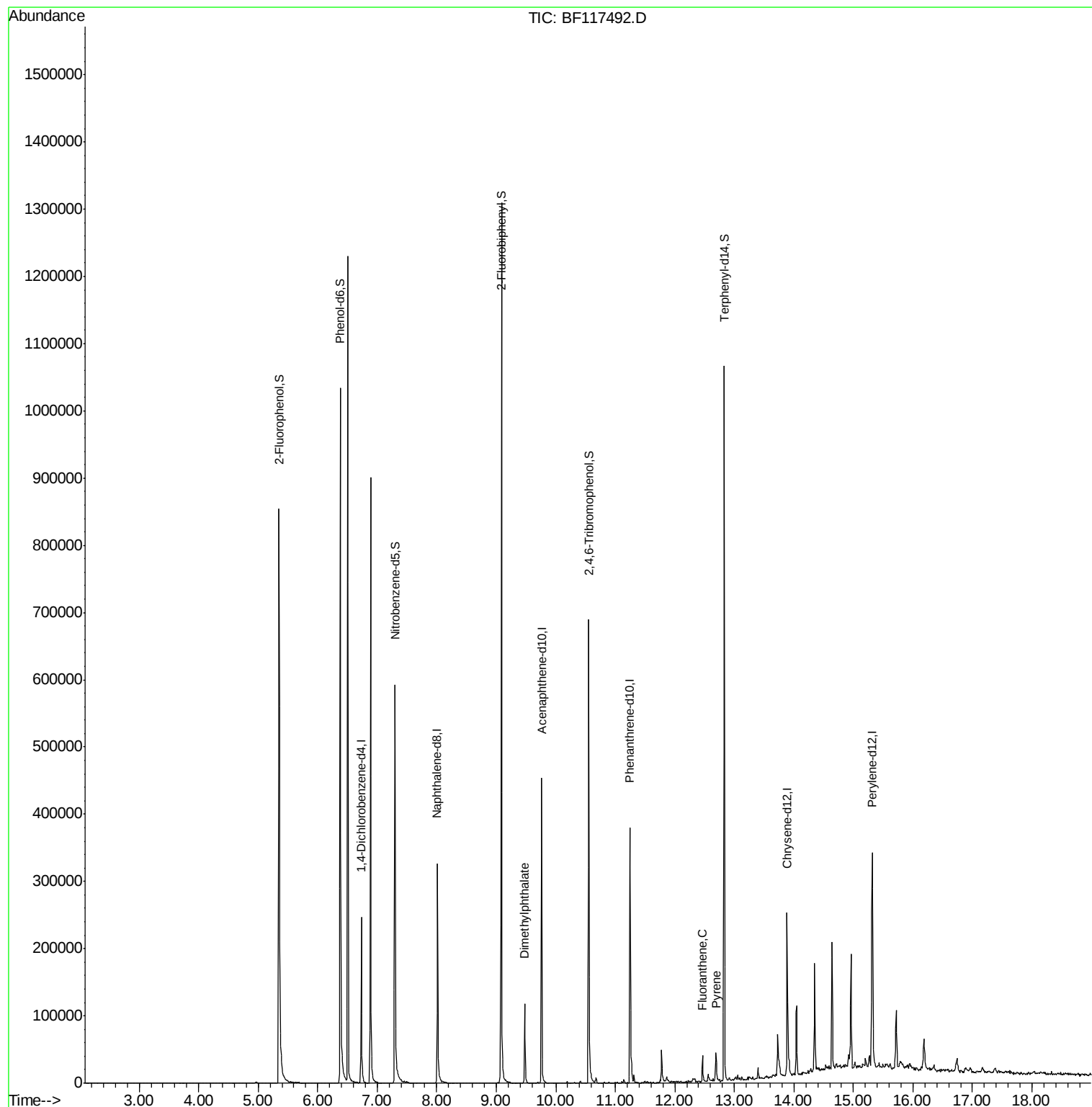
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	42974	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	175881	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	93139	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	148447	20.00	ng	0.00
76) Chrysene-d12	13.89	240	88681	20.00	ng	-0.01
87) Perylene-d12	15.32	264	96073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	283970	98.31	ng	0.00
7) Phenol-d6	6.38	99	391154	100.82	ng	0.00
23) Nitrobenzene-d5	7.30	82	236903	66.50	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	76872	95.39	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	391953	59.29	ng	0.00
79) Terphenyl-d14	12.83	244	354342	65.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	49245	7.417	ng	Qvalue # 99
75) Fluoranthene	12.46	202	19394	2.248	ng	97
78) Pyrene	12.69	202	19813	2.601	ng	99

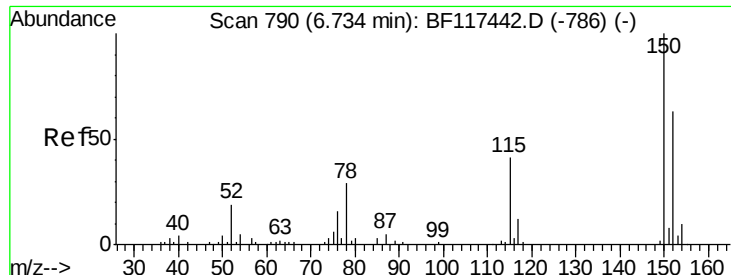
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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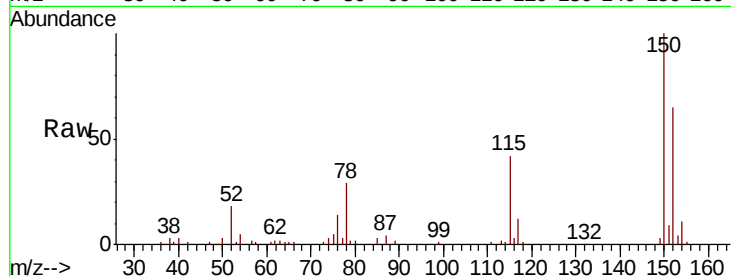


#1

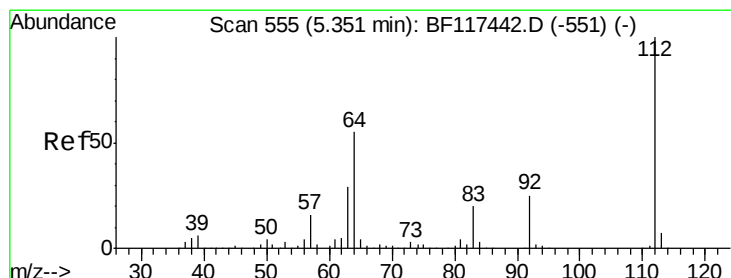
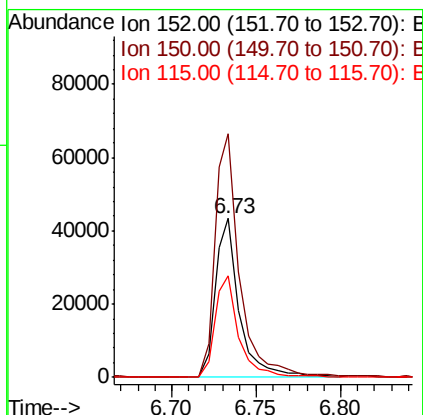
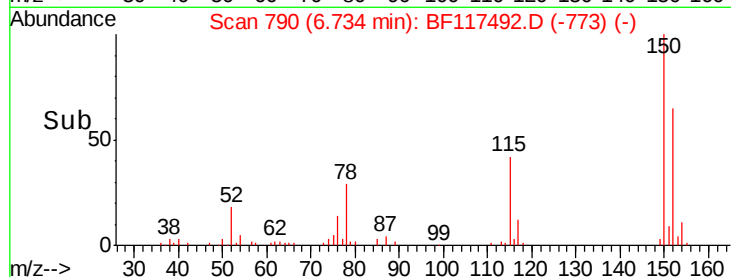
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :
BU-03-102119

Tot Ion:152 Resp: 42974
Ion Ratio Lower Upper
152 100
150 153.2 126.8 190.2
115 64.1 51.6 77.4



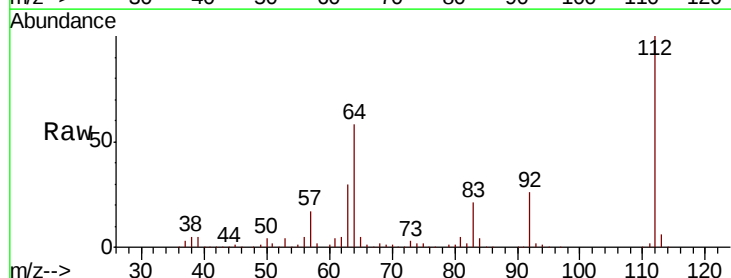
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



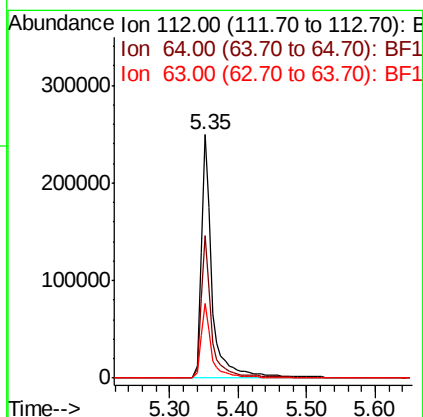
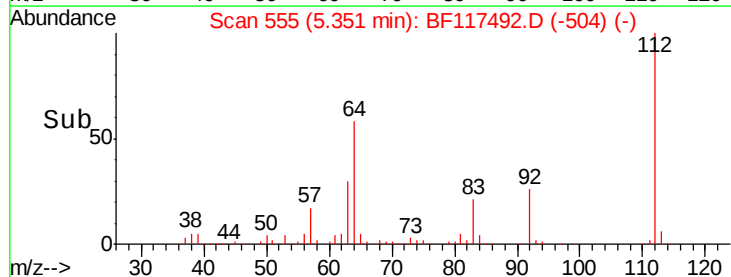
#5

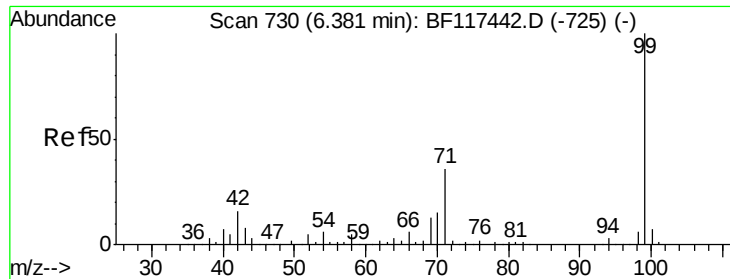
2-Fluorophenol
Concen: 98.307 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:112 Resp: 283970
Ion Ratio Lower Upper
112 100
64 58.3 44.1 66.1
63 30.5 23.4 35.2



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: 100.820 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

Instrument :

BNA_F

ClientSampled :

BU-03-102119

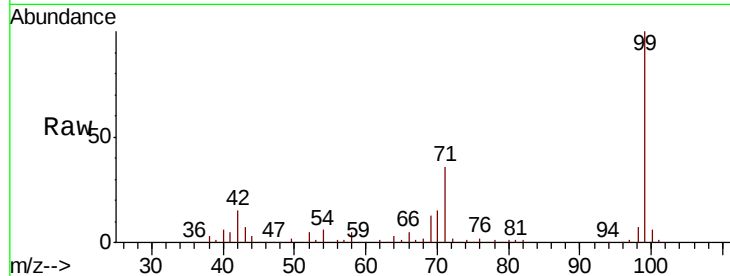
Tot Ion: 99 Resp: 391154

Ion Ratio Lower Upper

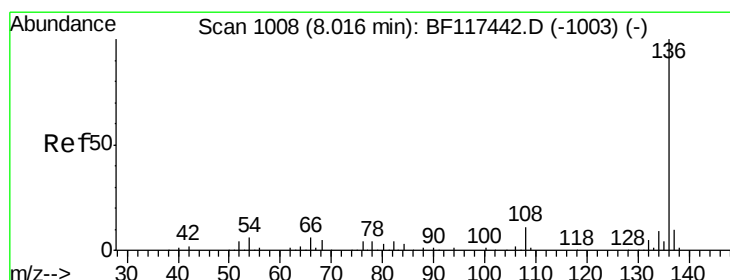
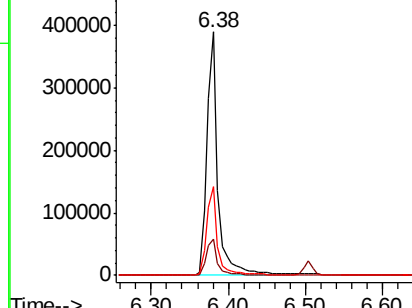
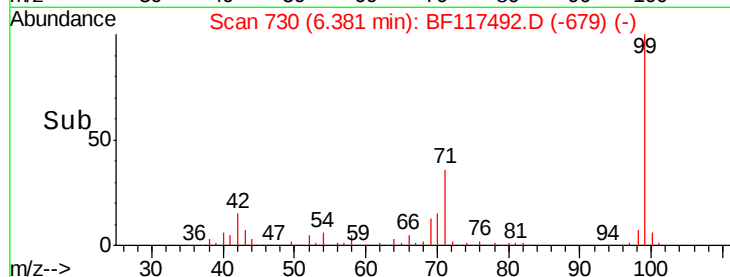
99 100

42 15.1 12.8 19.2

71 36.4 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

Tgt Ion: 136 Resp: 175881

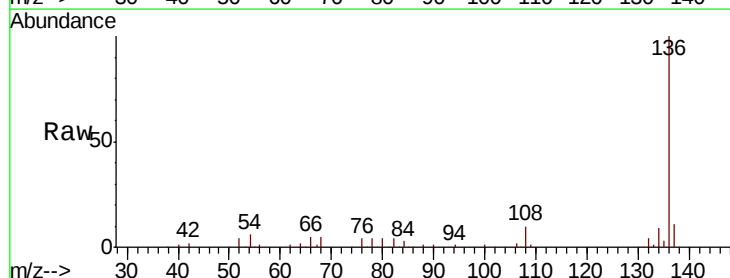
Ion Ratio Lower Upper

136 100

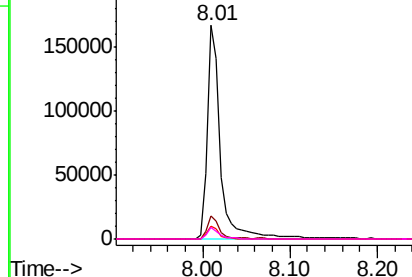
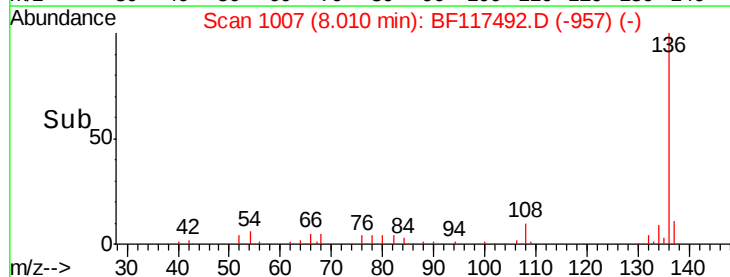
137 10.7 8.2 12.4

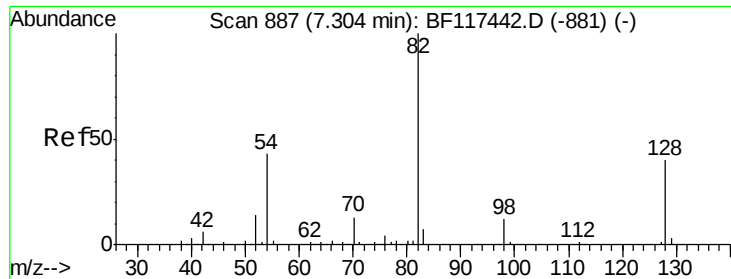
54 6.2 4.5 6.7

68 5.2 4.3 6.5



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

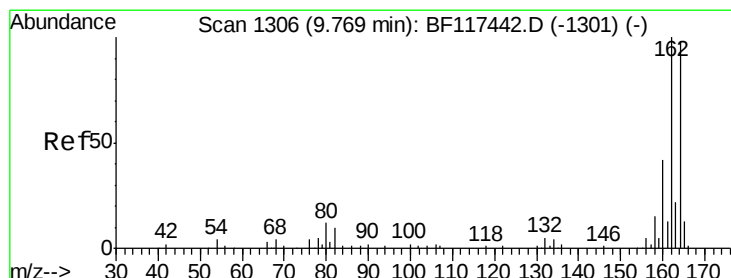
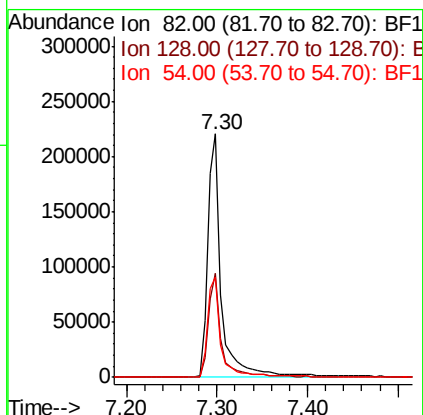
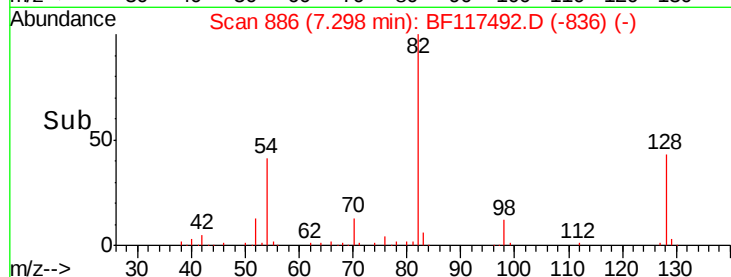
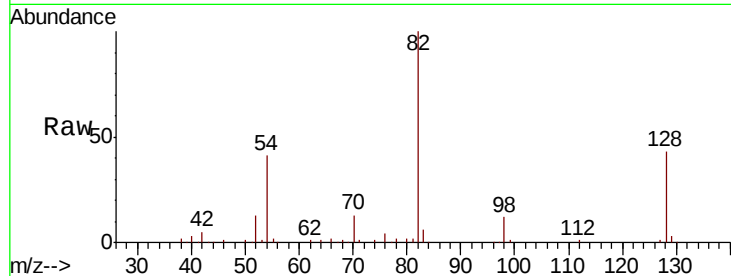




#23
 Nitrobenzene-d5
 Concen: 66.496 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117492.D
 Acq: 23 Oct 2019 19:24

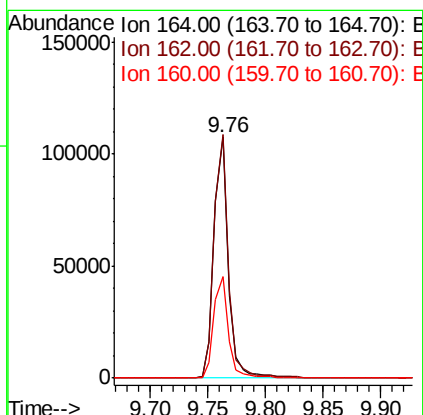
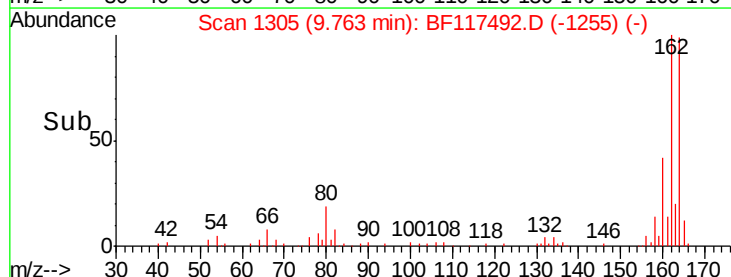
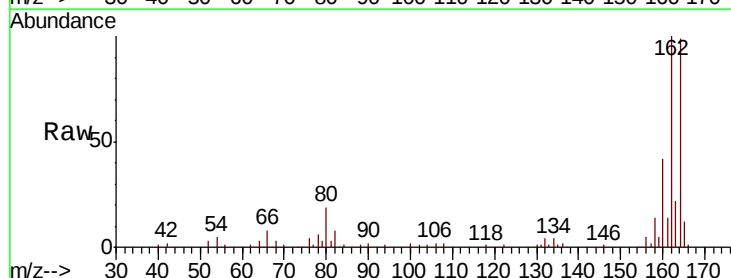
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-102119

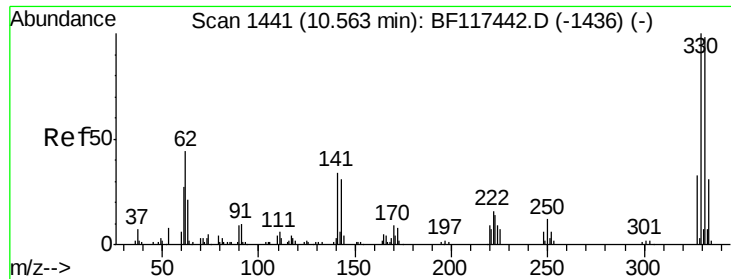
Tot Ion: 82 Resp: 236903
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.2 48.2
 54 41.2 34.2 51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117492.D
 Acq: 23 Oct 2019 19:24

Tgt Ion:164 Resp: 93139
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.8 122.6
 160 42.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 95.387 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

Instrument :

BNA_F

ClientSampleId :

BU-03-102119

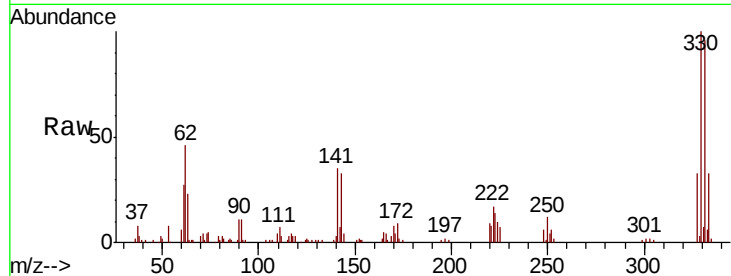
Tot Ion:330 Resp: 76872

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

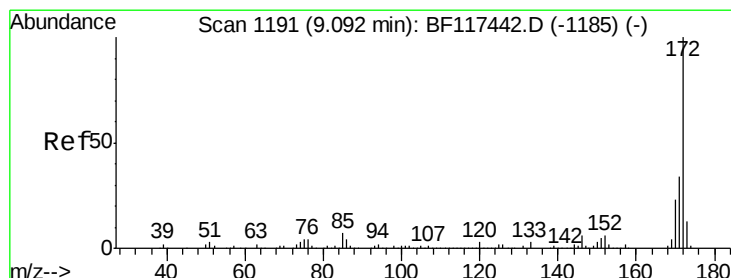
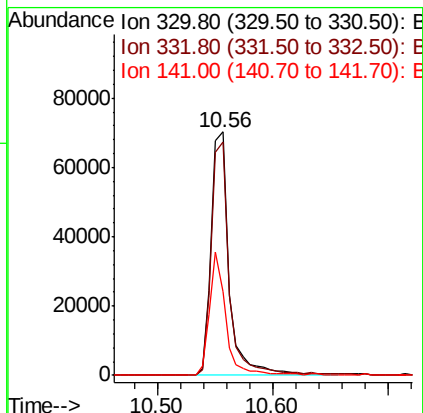
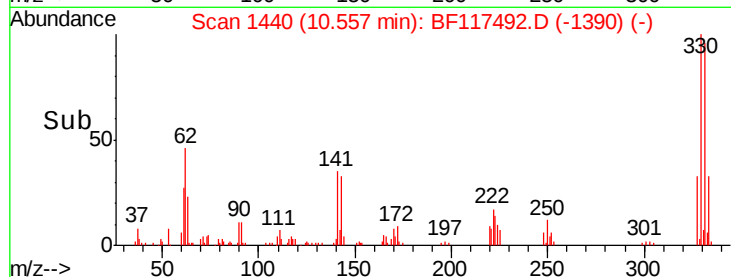
141 45.2 37.0 55.6



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: 59.294 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

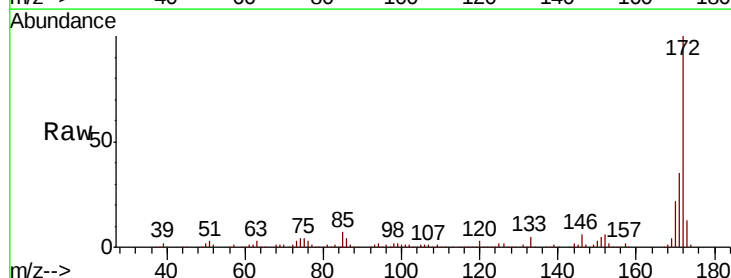
Tgt Ion:172 Resp: 391953

Ion Ratio Lower Upper

172 100

171 35.5 27.5 41.3

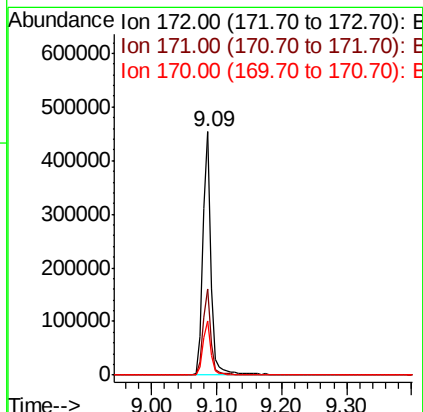
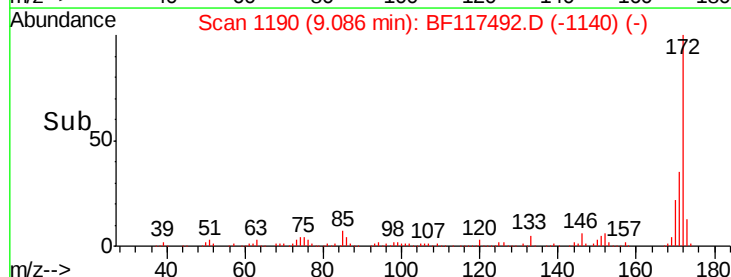
170 22.3 18.6 27.8

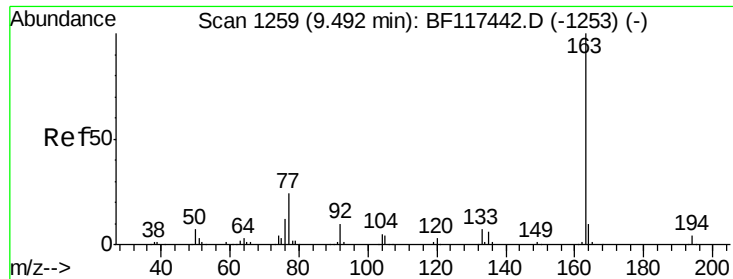


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

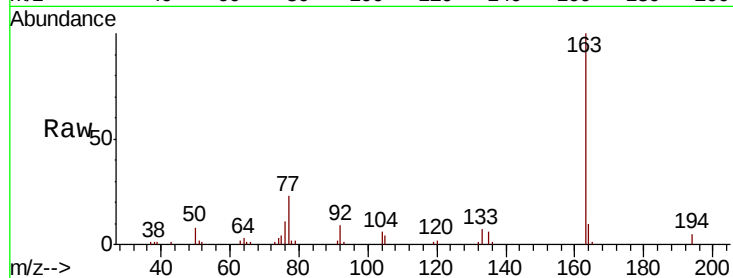




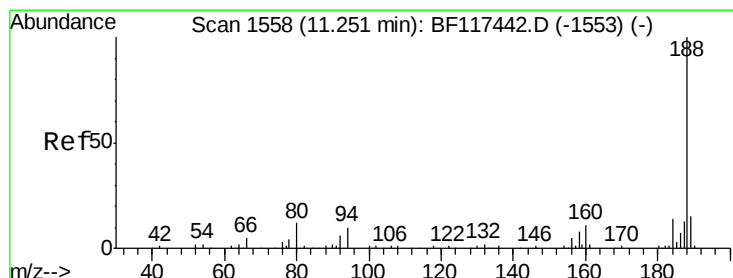
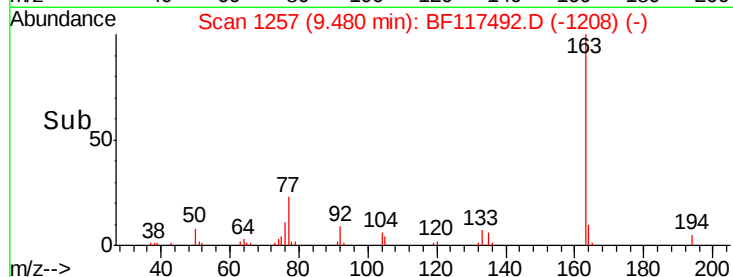
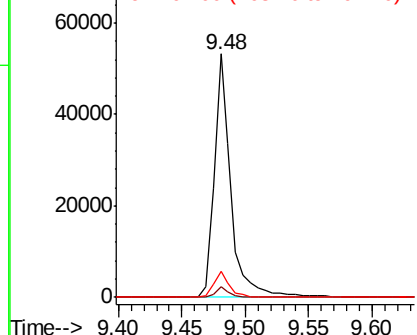
#50
Dimethylphthalate
Concen: 7.417 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :
BU-03-102119

Tot Ion:163 Resp: 49245
Ion Ratio Lower Upper
163 100
194 4.5 2.9 4.3#
164 10.5 8.2 12.2

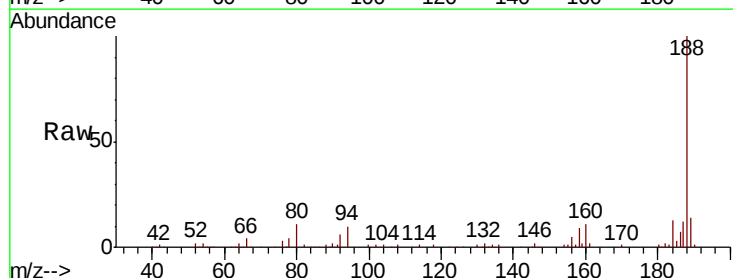


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

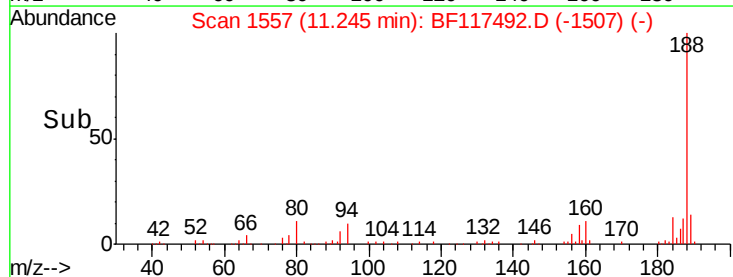
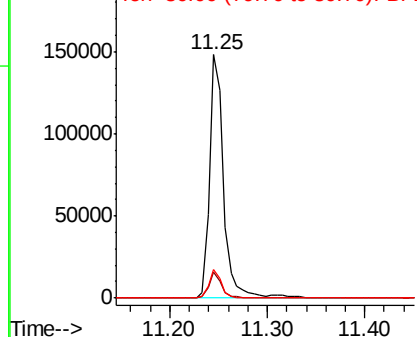


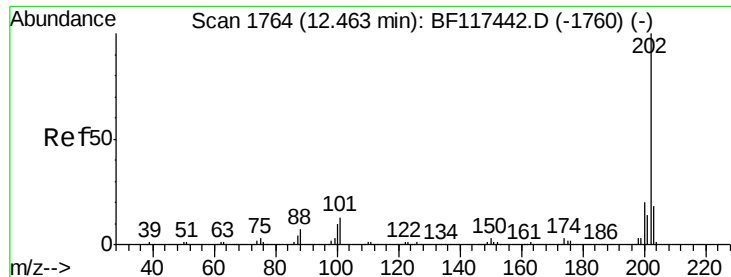
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:188 Resp: 148447
Ion Ratio Lower Upper
188 100
94 10.4 8.0 12.0
80 11.5 9.5 14.3



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





#75

Fluoranthene

Concen: 2.248 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

Instrument :

BNA_F

ClientSampleId :

BU-03-102119

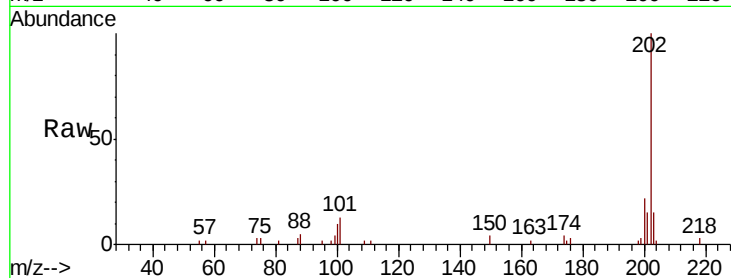
Tot Ion:202 Resp: 19394

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.7

203 15.4 0.0 37.6

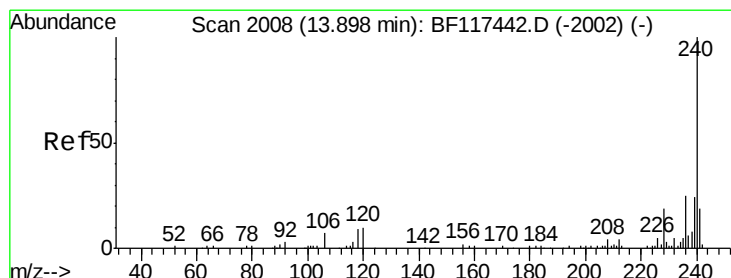
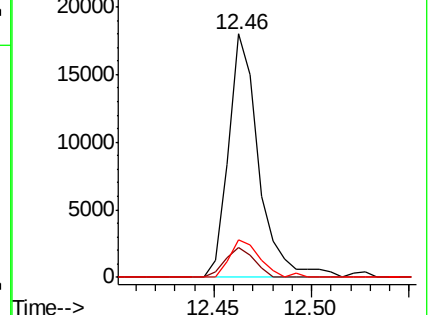
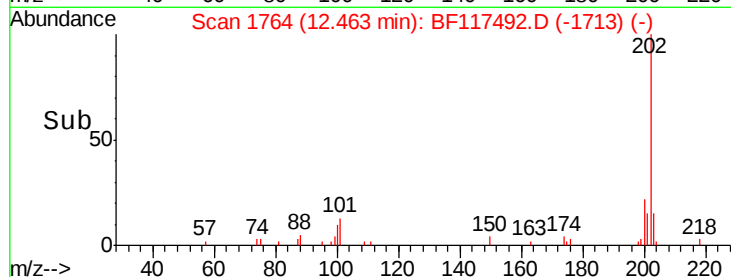


Abundance

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF117492.D

Acq: 23 Oct 2019 19:24

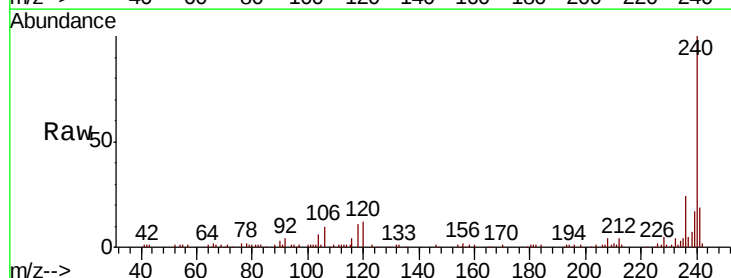
Tgt Ion:240 Resp: 88681

Ion Ratio Lower Upper

240 100

120 11.7 8.4 12.6

236 23.9 20.0 30.0

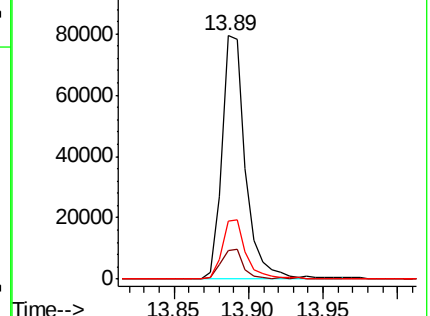
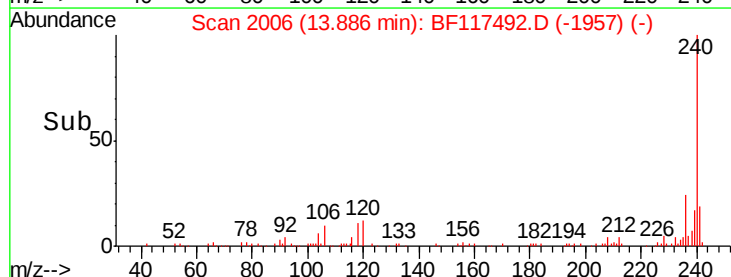


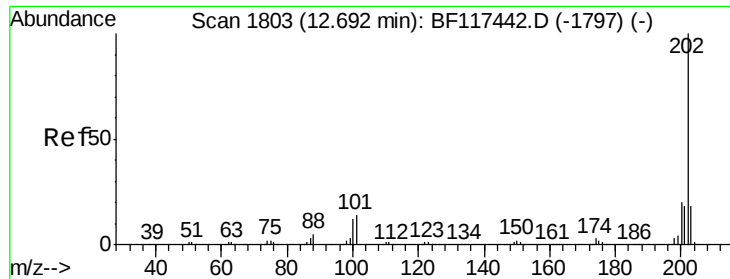
Abundance

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

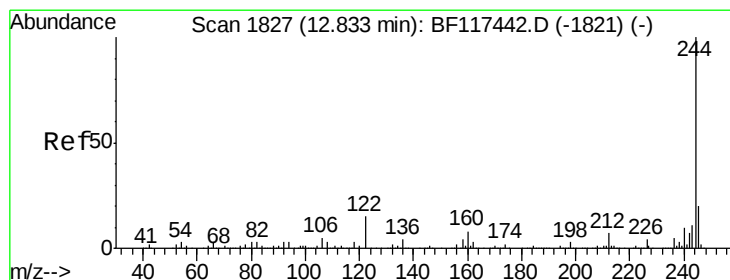
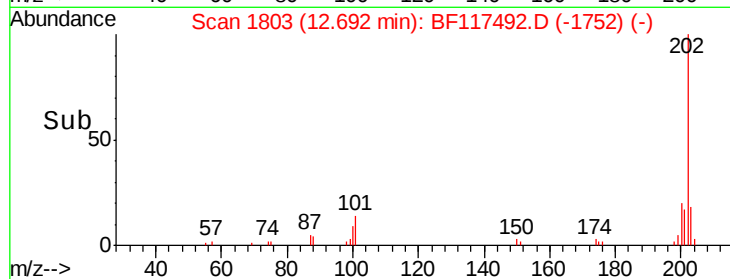
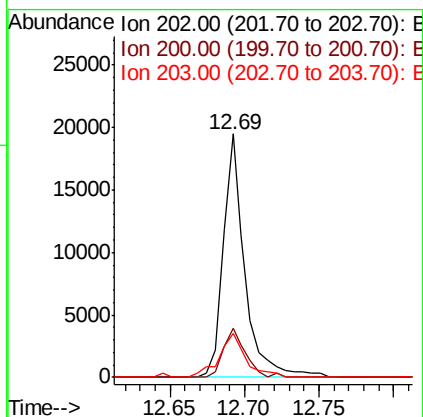
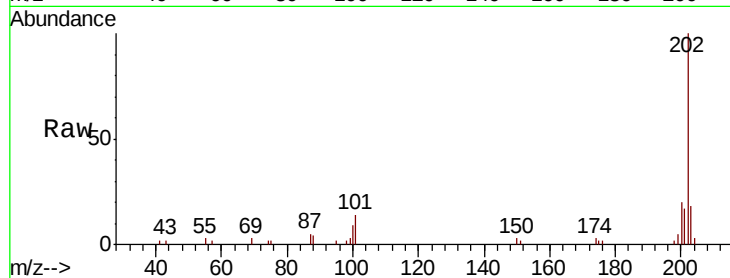




#78
Pvrene
Concen: 2.601 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

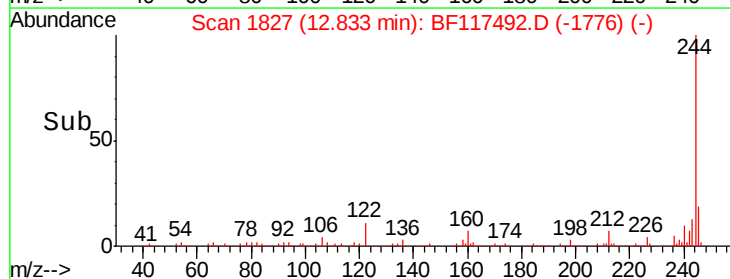
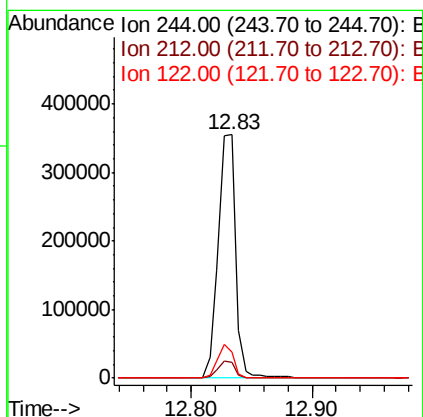
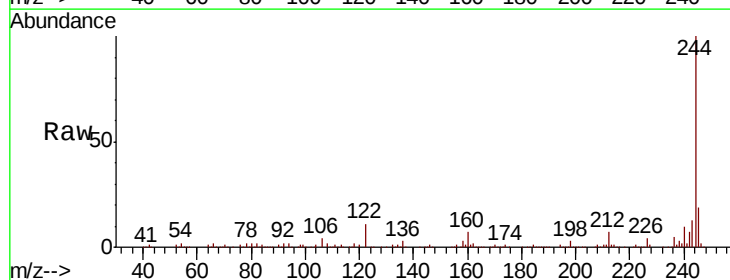
Instrument :
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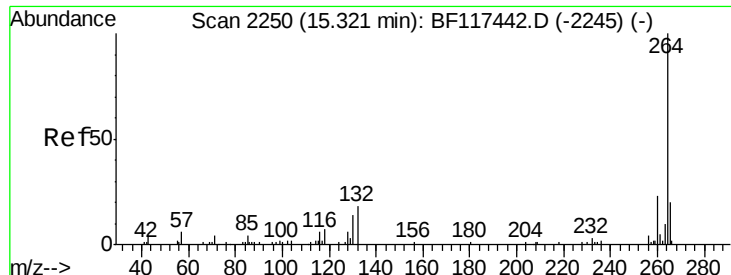
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.3	14.0	21.0



#79
Terphenyl-d14
Concen: 65.174 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.6	11.8	17.8#



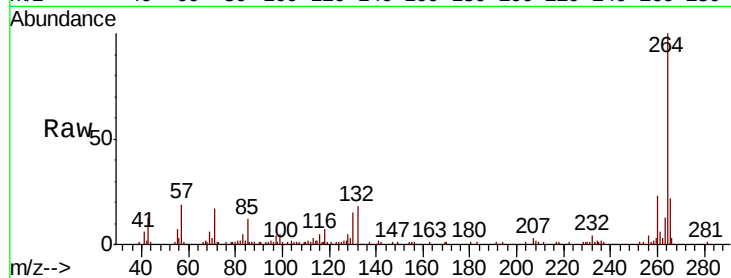


#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :
BU-03-102119

Tot Ion:264 Resp: 96073

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.8	16.1	24.1



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

