

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117812.D
 Acq On : 15 Nov 2019 19:30
 Operator : JU
 Sample : K5861-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Quant Time: Nov 18 03:09:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

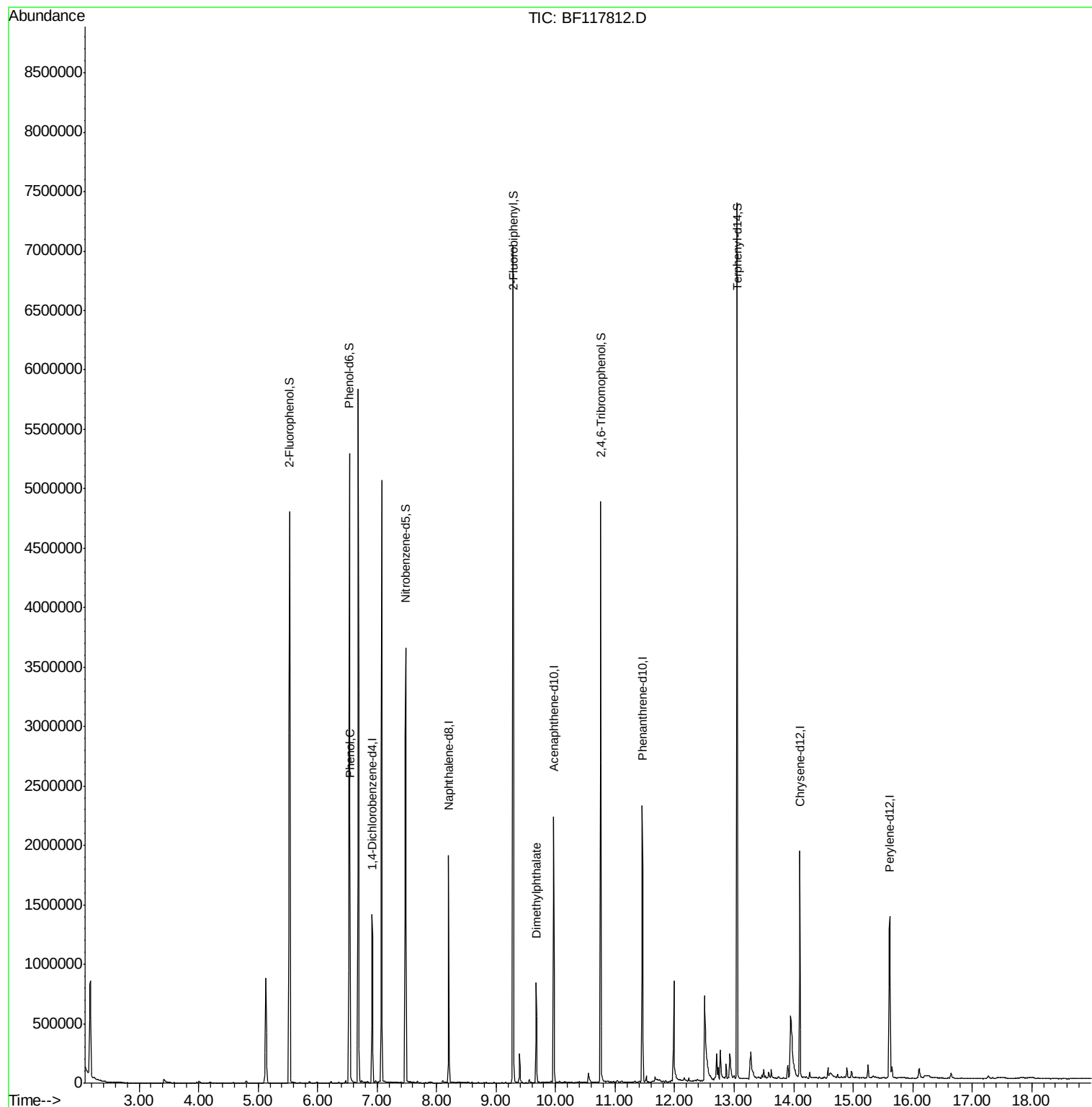
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	207813	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	799498	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	419109	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	819966	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	618413	20.00	ng	-0.01
87) Perylene-d12	15.62	264	659917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1517517	129.26	ng	0.00
7) Phenol-d6	6.54	99	1903582	134.43	ng	0.00
23) Nitrobenzene-d5	7.48	82	1157347	86.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	590957	133.19	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2136685	91.46	ng	0.00
79) Terphenyl-d14	13.05	244	2562871	75.74	ng	0.00
Target Compounds						
10) Phenol	6.55	94	52632	3.577	ng	92
50) Dimethylphthalate	9.67	163	311126	10.586	ng	99

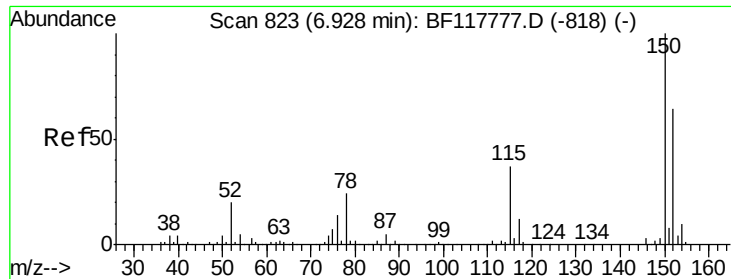
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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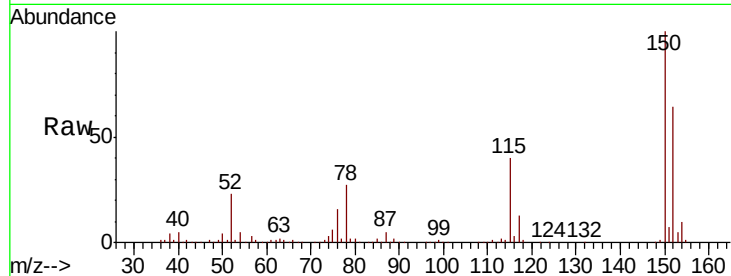


#1

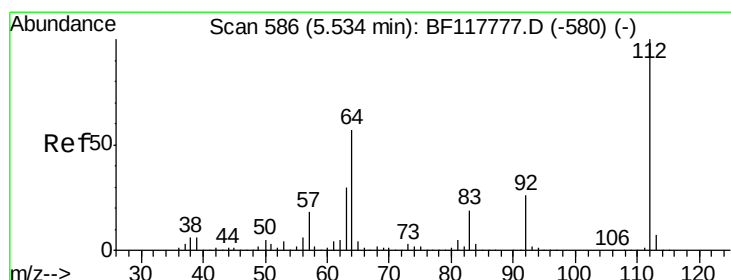
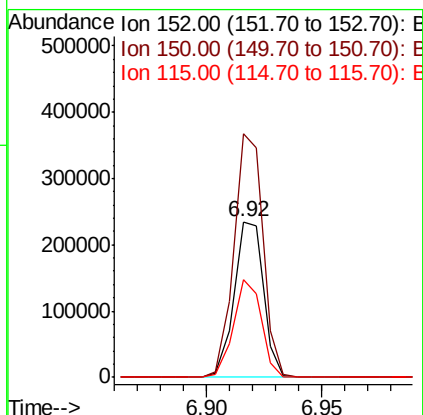
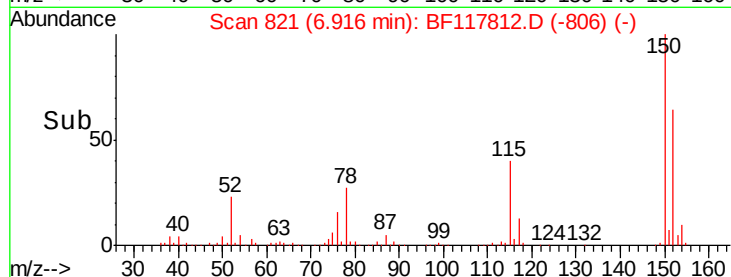
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :
EP-11

Tot Ion:152 Resp: 207813
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.9 47.0 70.4



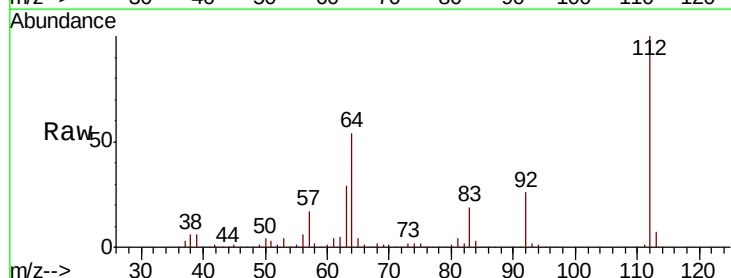
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



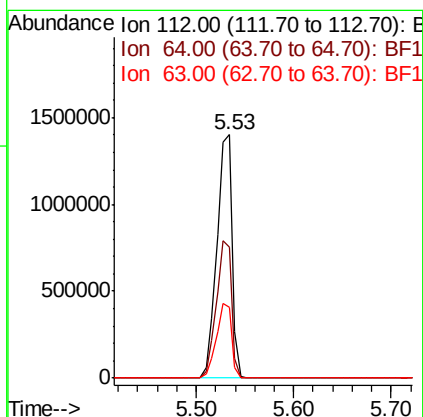
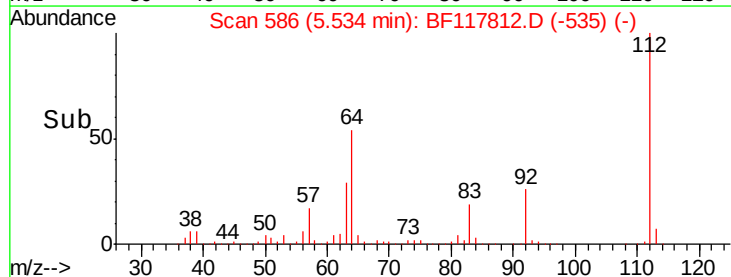
#5

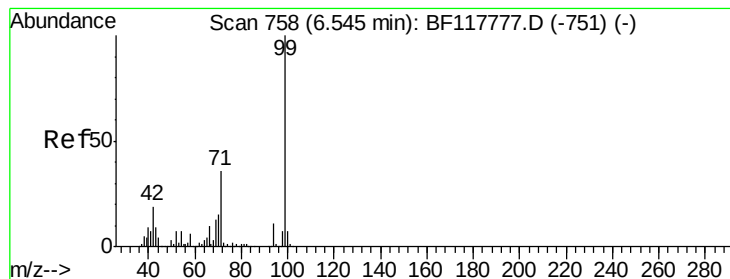
2-Fluorophenol
Concen: 129.259 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:112 Resp: 1517517
Ion Ratio Lower Upper
112 100
64 53.9 45.6 68.4
63 29.2 24.1 36.1



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: 134.429 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

Instrument :

BNA_F

ClientSampled :

EP-11

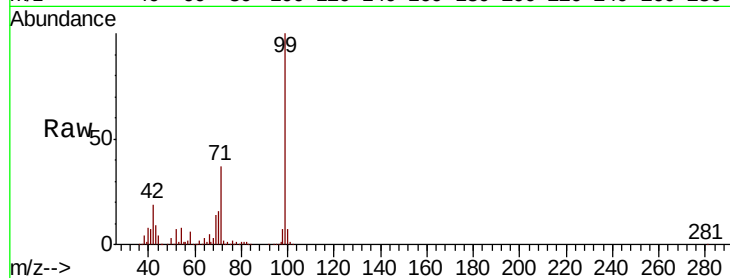
Tot Ion: 99 Resp: 1903582

Ion Ratio Lower Upper

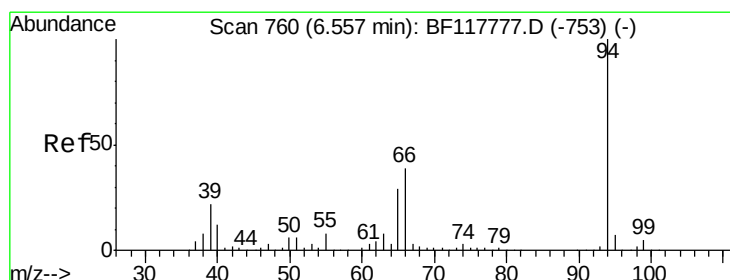
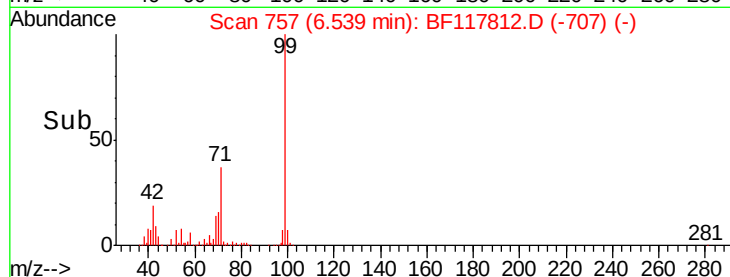
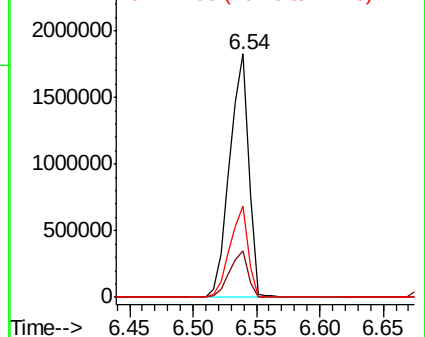
99 100

42 18.9 14.9 22.3

71 37.3 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



#10

Phenol

Concen: 3.577 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

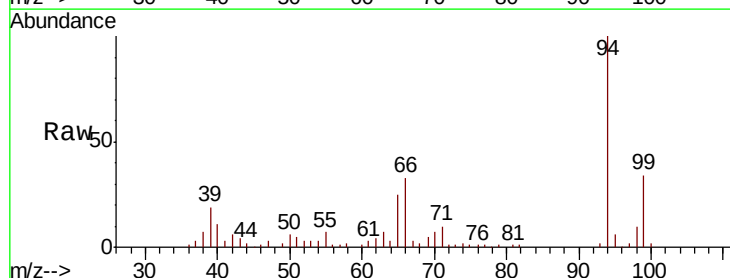
Tgt Ion: 94 Resp: 52632

Ion Ratio Lower Upper

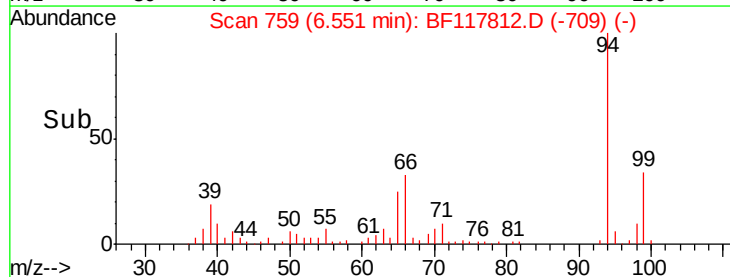
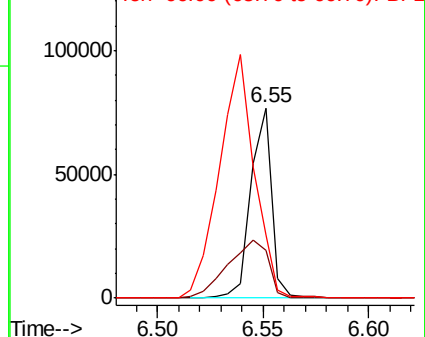
94 100

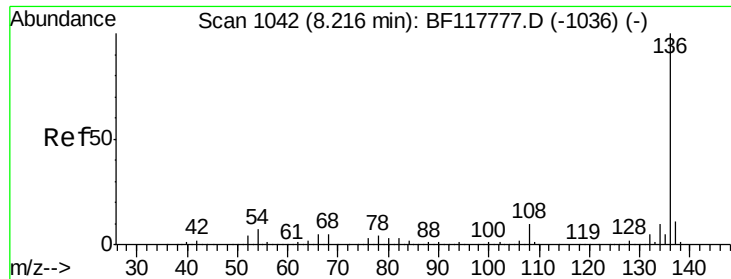
65 25.0 8.9 48.9

66 33.3 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

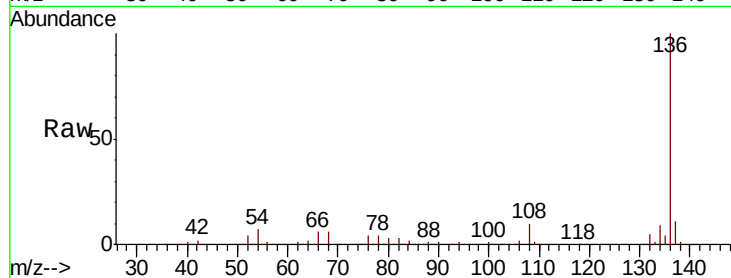




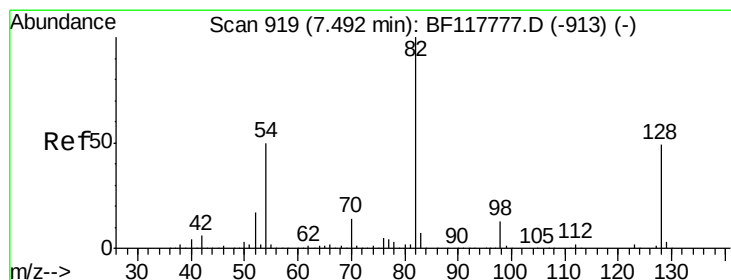
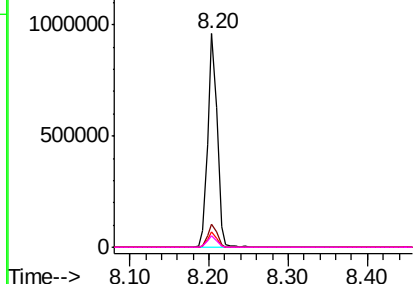
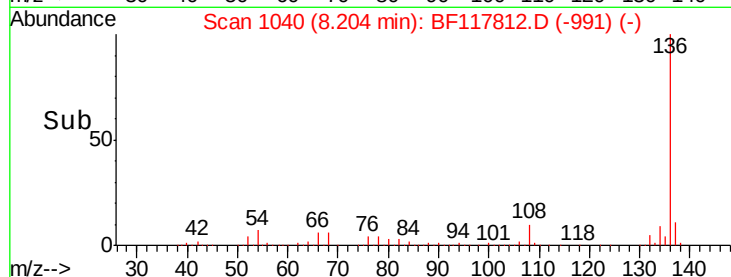
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampled :
EP-11

Tot Ion:136	Resp:	799498
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.4
54	7.5	5.4 8.2
68	5.5	4.3 6.5

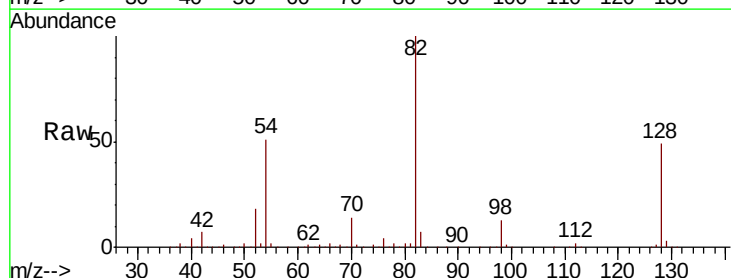


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

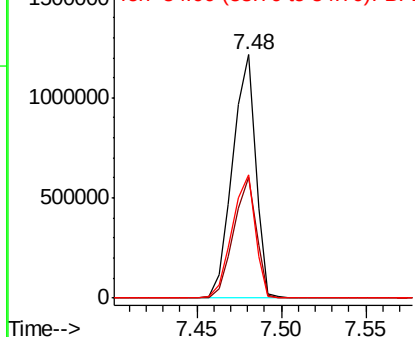
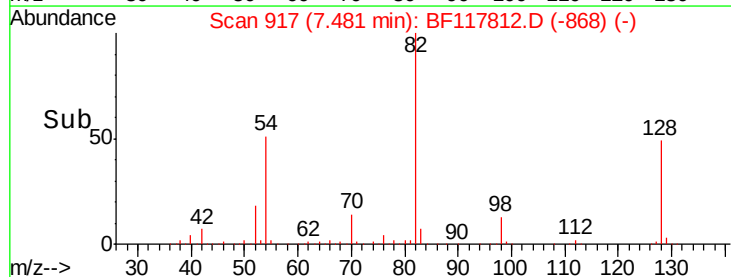


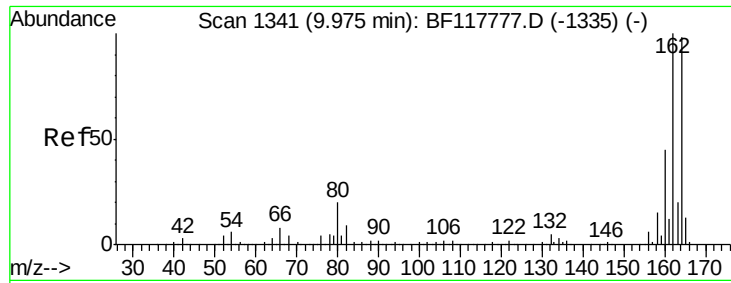
#23
Nitrobenzene-d5
Concen: 86.053 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion: 82	Resp:	1157347
Ion	Ratio	Lower Upper
82	100	
128	49.4	38.9 58.3
54	50.7	39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

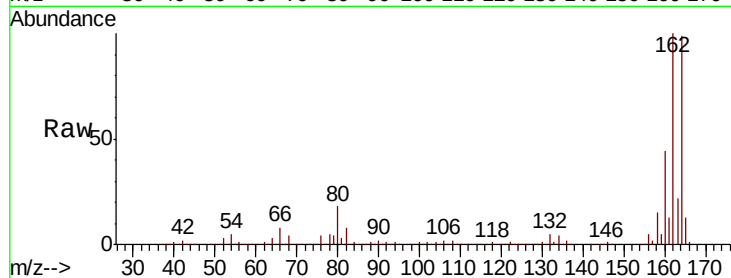




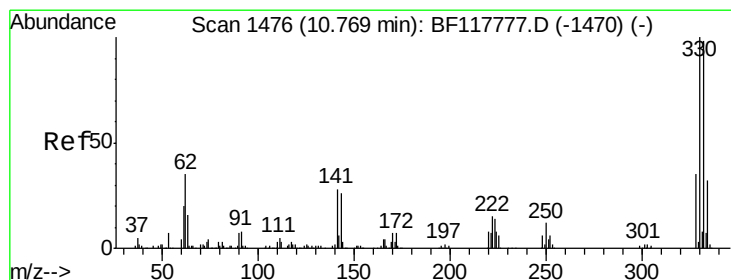
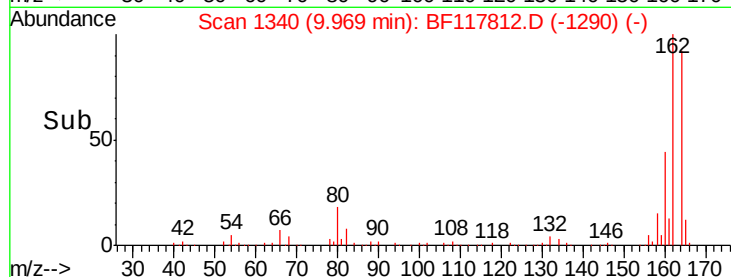
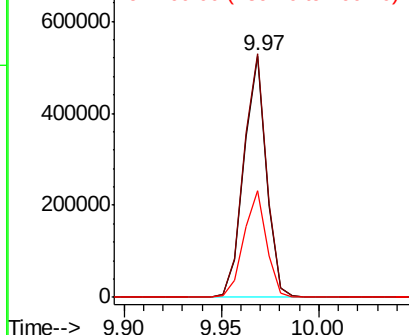
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :
EP-11

Tot Ion:164 Resp: 419109
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.0 36.6 55.0

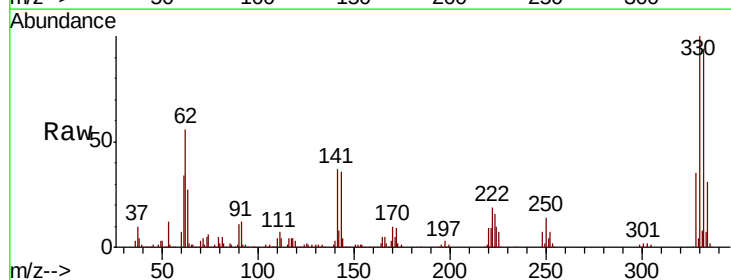


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

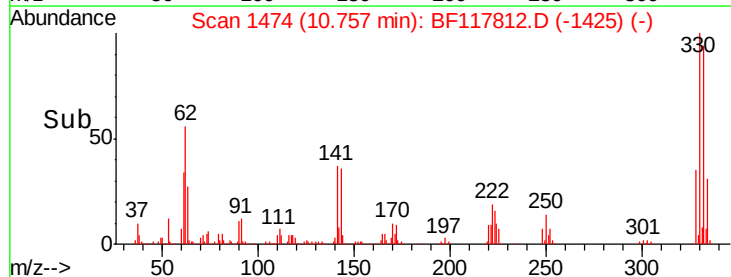
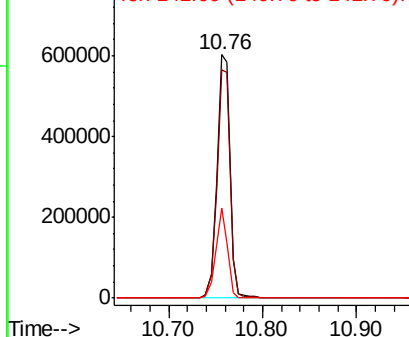


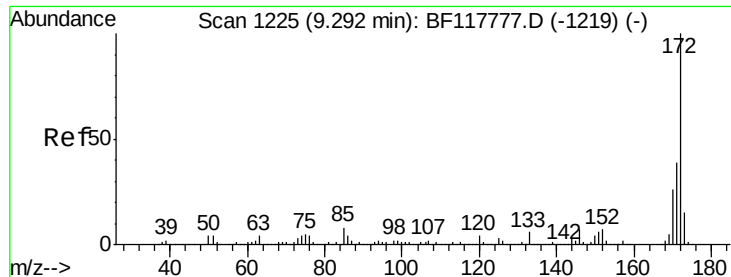
#42
2,4,6-Tribromophenol
Concen: 133.187 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:330 Resp: 590957
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 33.4 27.7 41.5



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

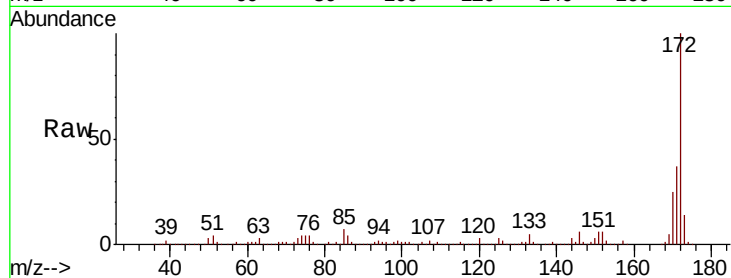




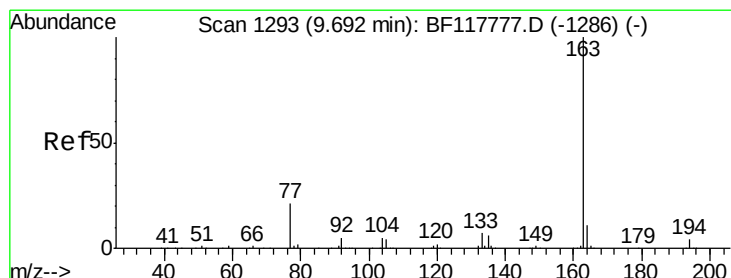
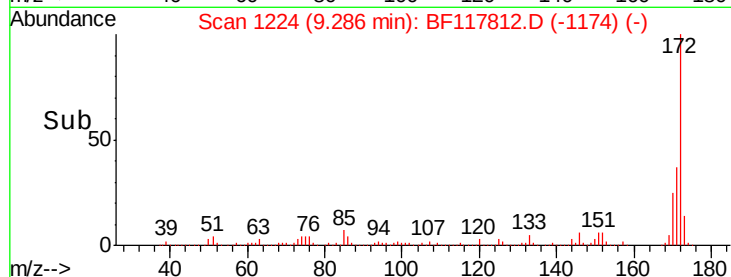
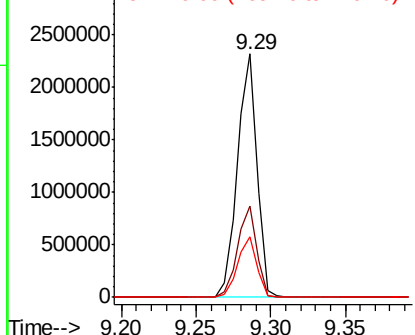
#45
2-Fluorobiphenyl
Concen: 91.463 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :
EP-11

Tot Ion:172 Resp: 2136685
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 25.1 21.0 31.4

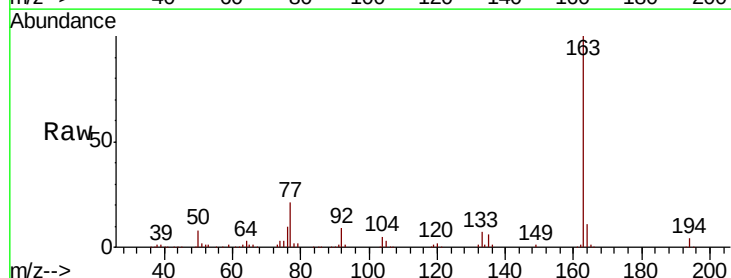


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

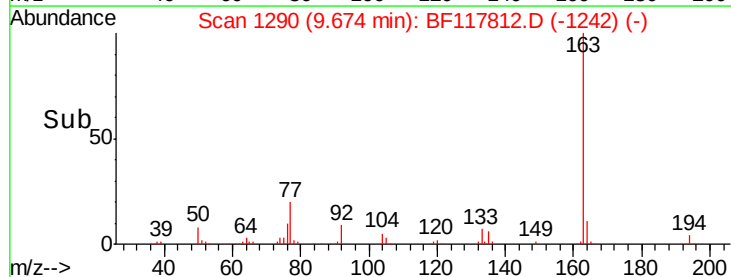
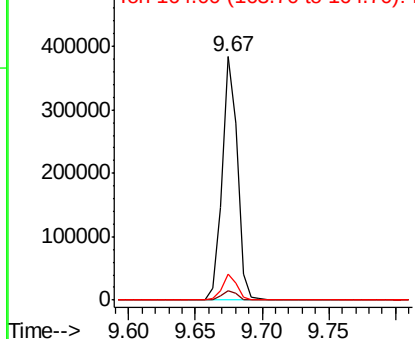


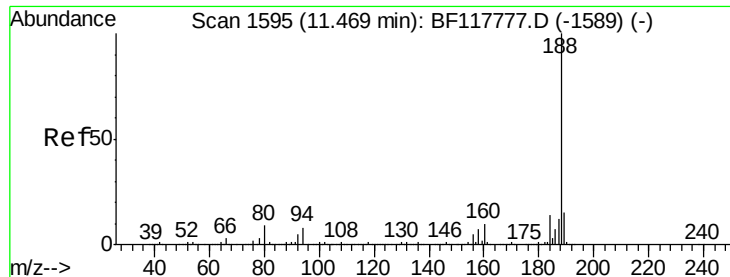
#50
Dimethylphthalate
Concen: 10.586 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:163 Resp: 311126
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.7 13.1



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

Instrument :

BNA_F

ClientSampleId :

EP-11

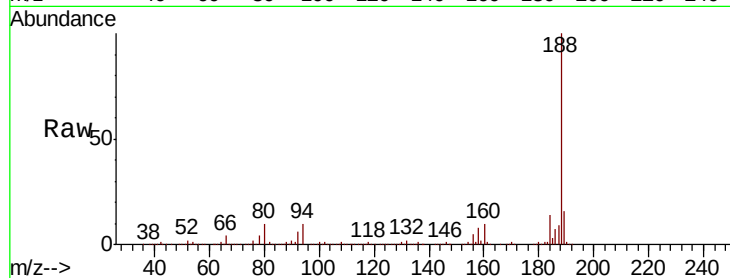
Tot Ion:188 Resp: 819966

Ion Ratio Lower Upper

188 100

94 9.6 6.6 10.0

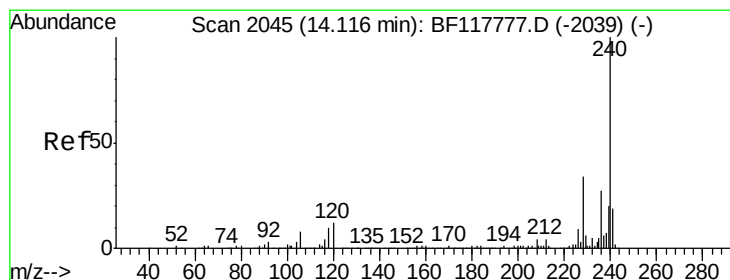
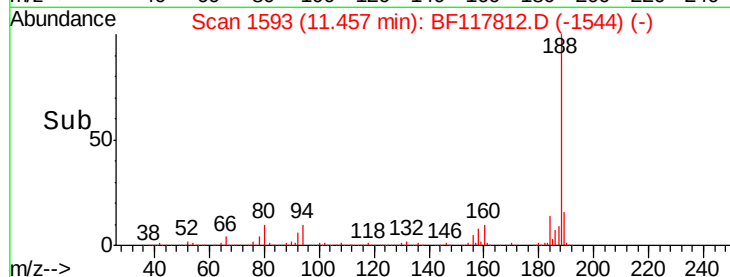
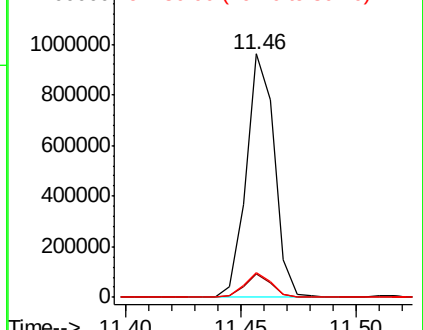
80 10.0 7.2 10.8



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

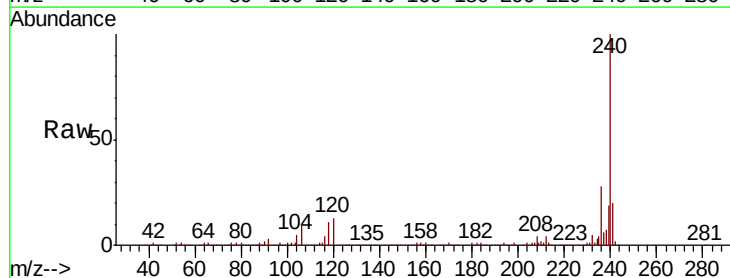
Tgt Ion:240 Resp: 618413

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

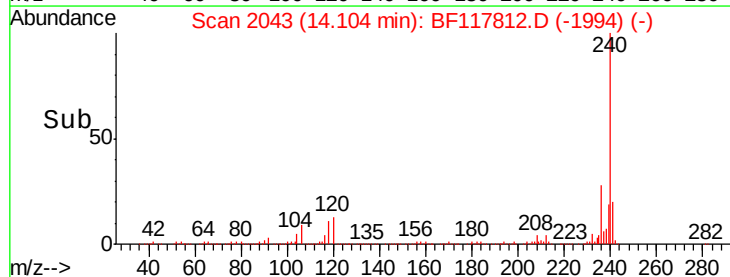
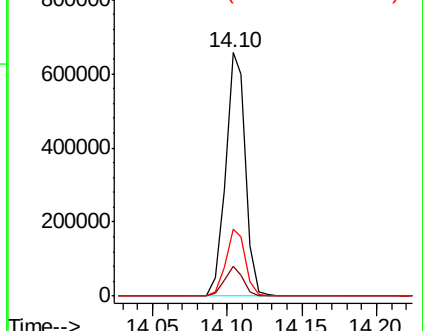
236 27.6 21.3 31.9

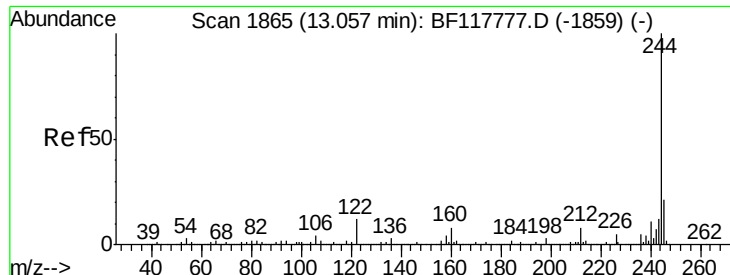


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.741 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

Instrument :

BNA_F

ClientSampleId :

EP-11

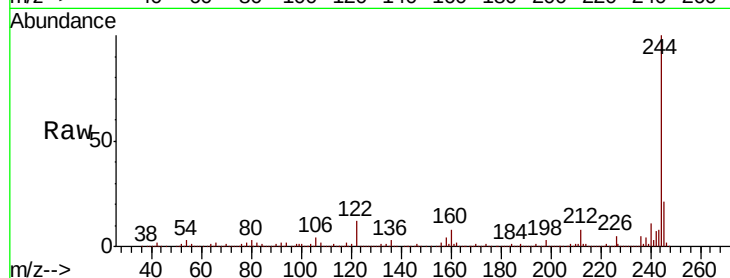
Tot Ion:244 Resp: 2562871

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

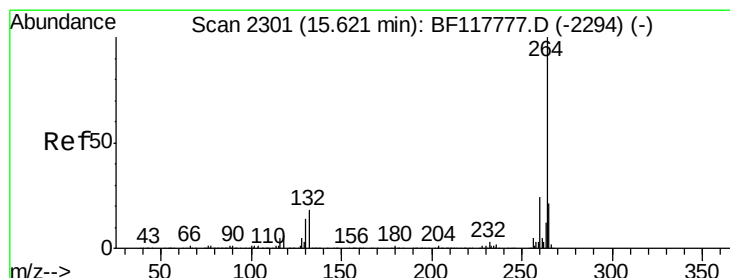
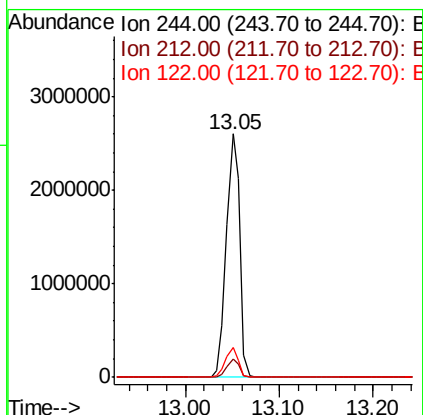
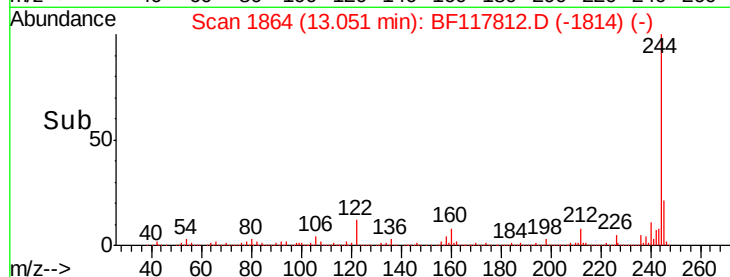
122 12.2 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

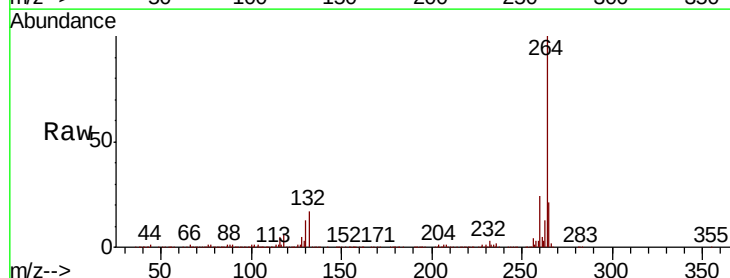
Tgt Ion:264 Resp: 659917

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.4 17.1 25.7



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

