

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117859.D
 Acq On : 19 Nov 2019 15:09
 Operator : JU
 Sample : K5865-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-(12-14)

Quant Time: Nov 20 00:47:20 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

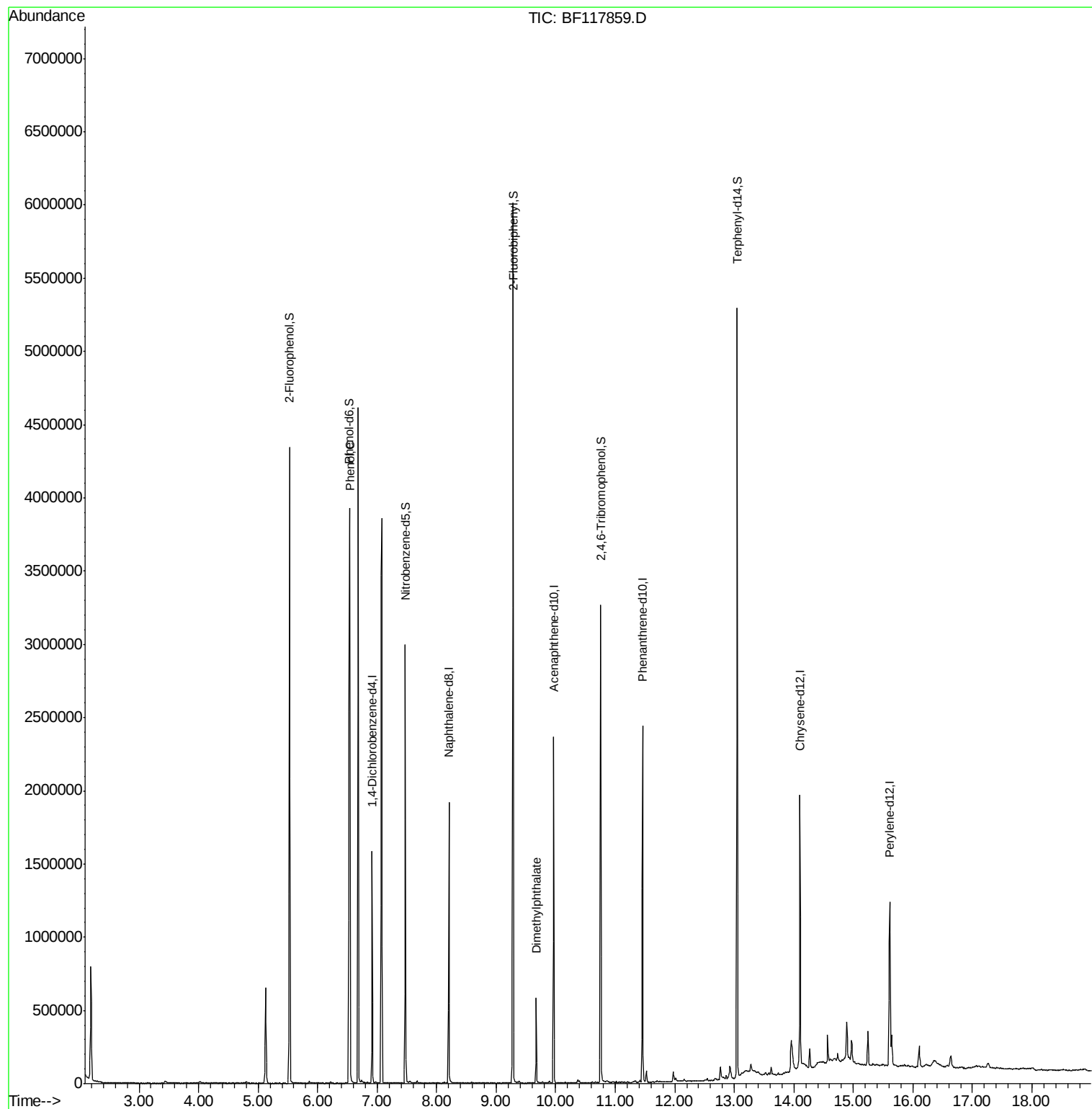
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	213392	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	853679	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	451987	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	835003	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	545041	20.00	ng	-0.01
87) Perylene-d12	15.61	264	532769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1164776	96.62	ng	0.00
7) Phenol-d6	6.53	99	1510787	103.90	ng	-0.01
23) Nitrobenzene-d5	7.47	82	914931	63.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	393471	82.23	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1733764	68.82	ng	-0.01
79) Terphenyl-d14	13.05	244	1896916	63.61	ng	0.00
Target Compounds						
10) Phenol	6.55	94	112671	7.457	ng	98
50) Dimethylphthalate	9.67	163	238782	7.534	ng	97

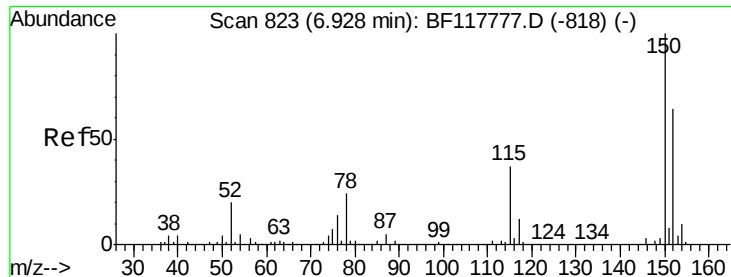
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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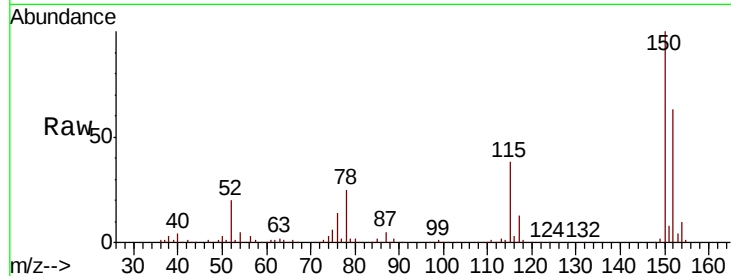




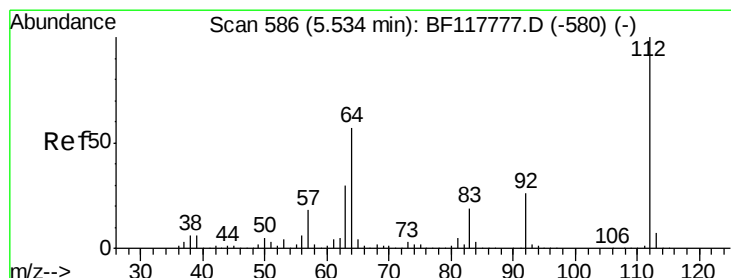
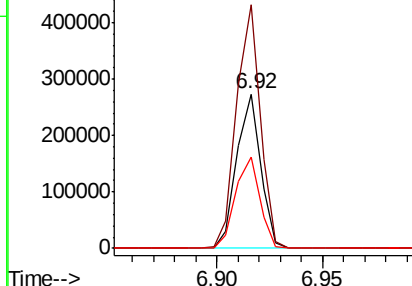
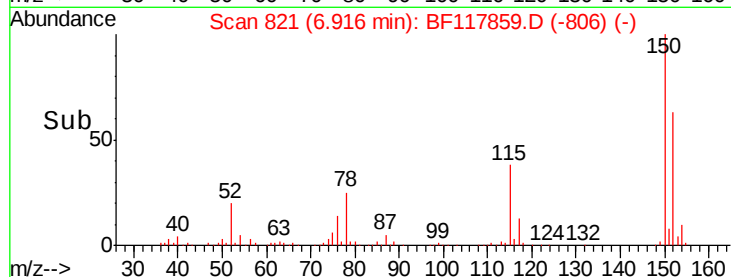
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 4-(12-14)

Tot Ion:152 Resp: 213392
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.3 187.9
 115 59.5 47.0 70.4

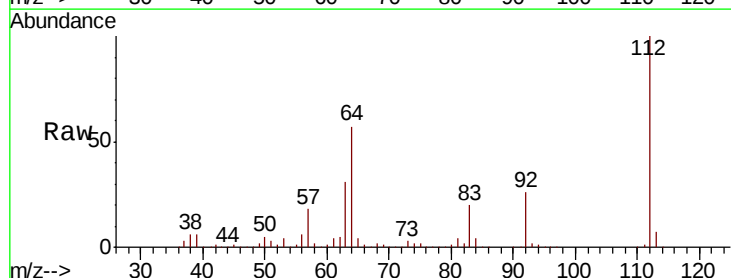


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

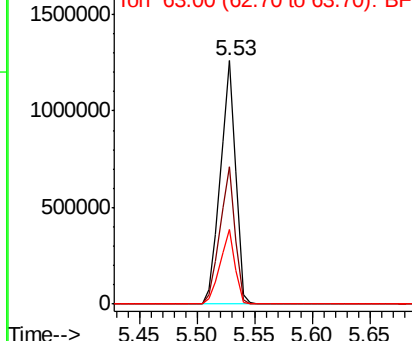
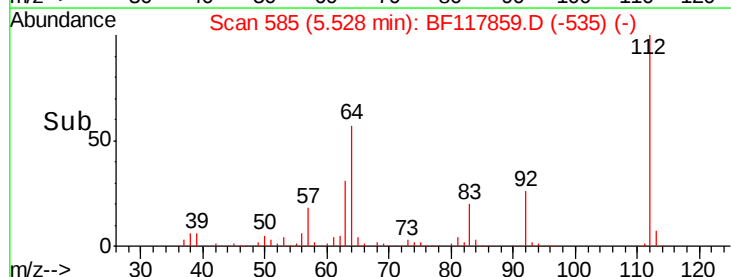


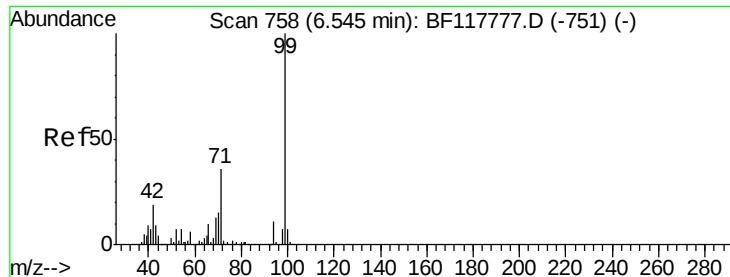
#5
 2-Fluorophenol
 Concen: 96.619 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

Tgt Ion:112 Resp: 1164776
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.6 68.4
 63 30.5 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: 103.901 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

Instrument :

BNA_F

ClientSampleId :

4-(12-14)

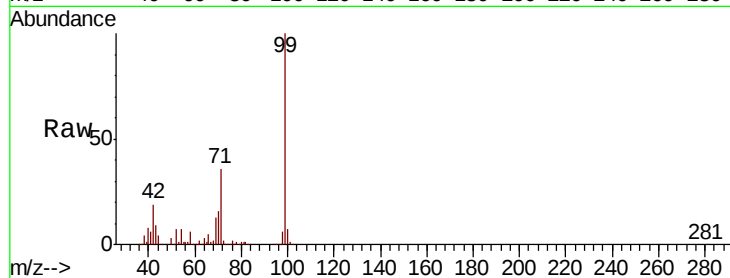
Tot Ion: 99 Resp: 1510787

Ion Ratio Lower Upper

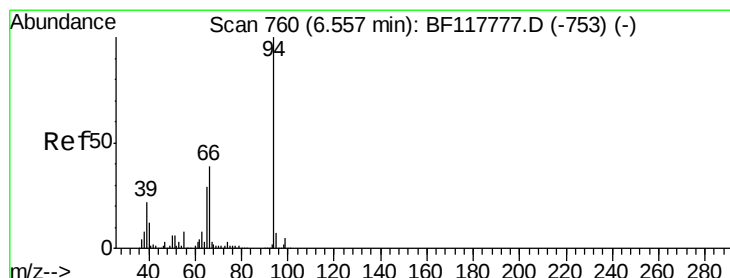
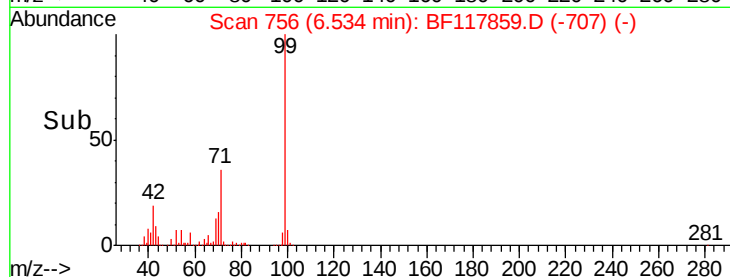
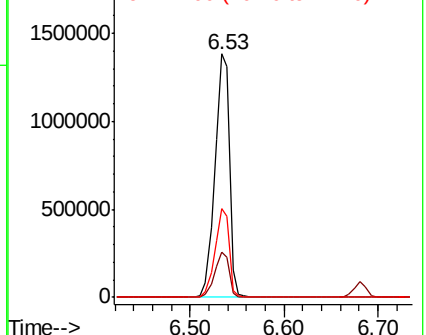
99 100

42 18.6 14.9 22.3

71 36.2 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: 7.457 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

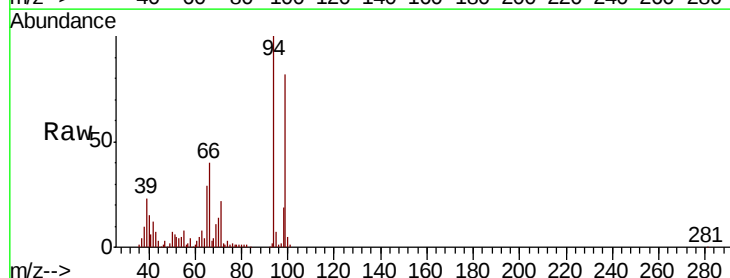
Tgt Ion: 94 Resp: 112671

Ion Ratio Lower Upper

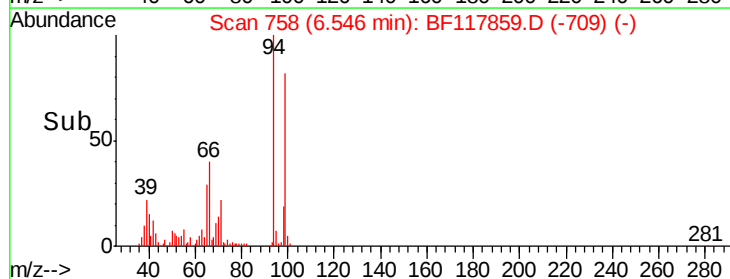
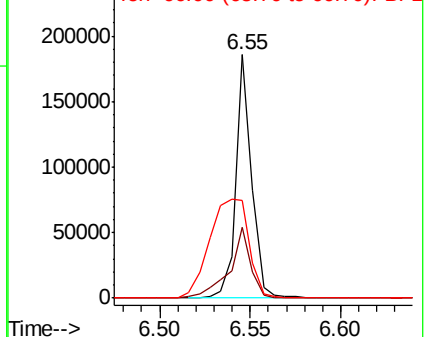
94 100

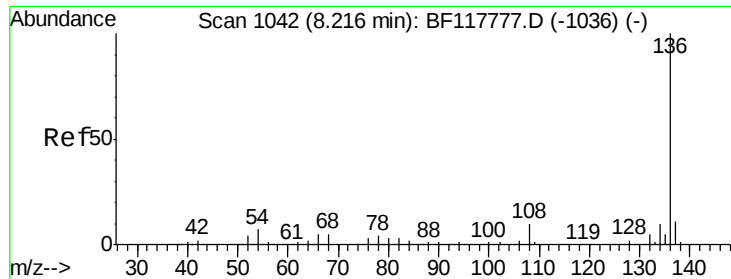
65 29.1 8.9 48.9

66 40.2 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

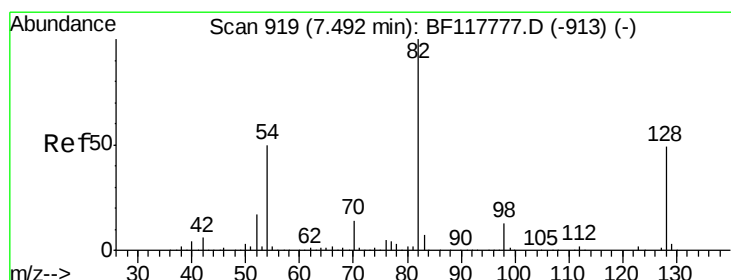
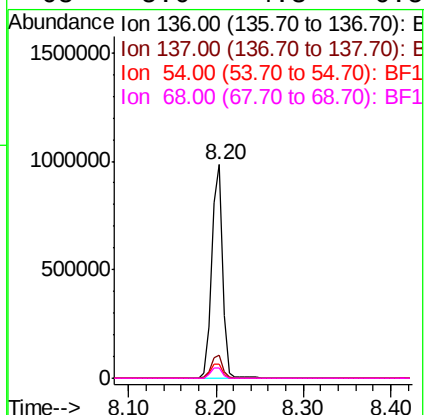
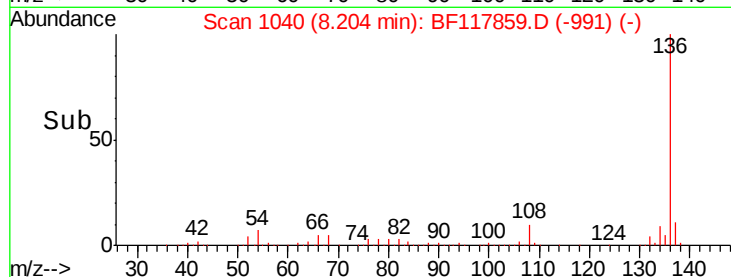
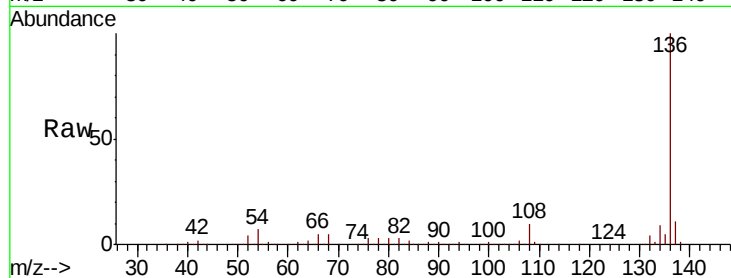




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

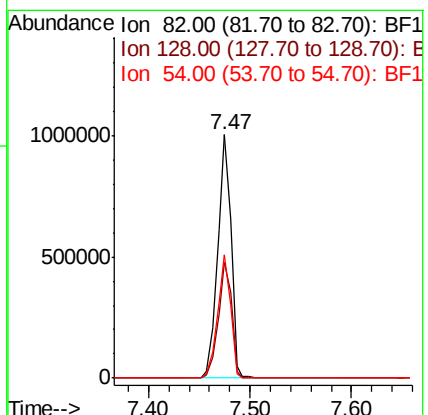
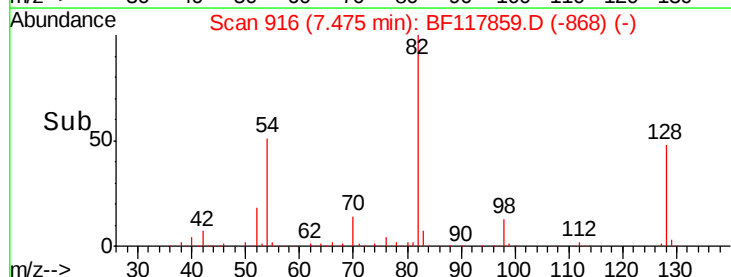
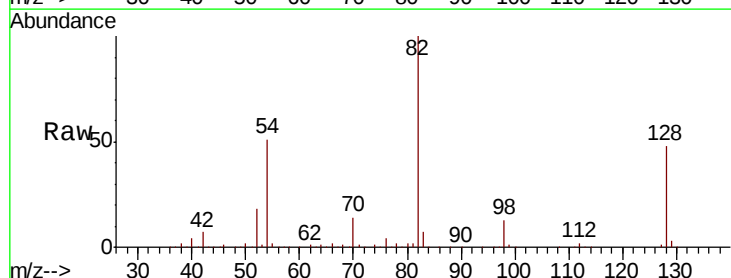
Instrument :
BNA_F
ClientSampleId :
4-(12-14)

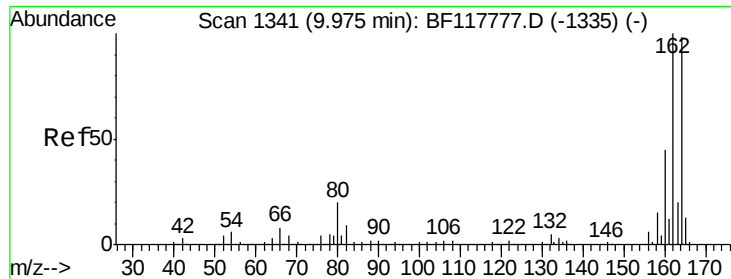
Tot Ion:136	Resp:	853679
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.4
54	6.5	5.4 8.2
68	5.0	4.3 6.5



#23
Nitrobenzene-d5
Concen: 63.711 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion: 82	Resp:	914931
Ion	Ratio	Lower Upper
82	100	
128	47.7	38.9 58.3
54	50.6	39.8 59.6

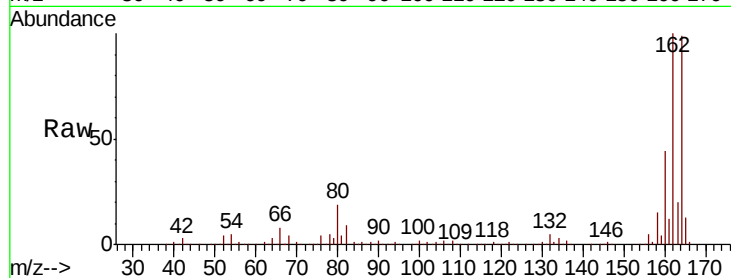




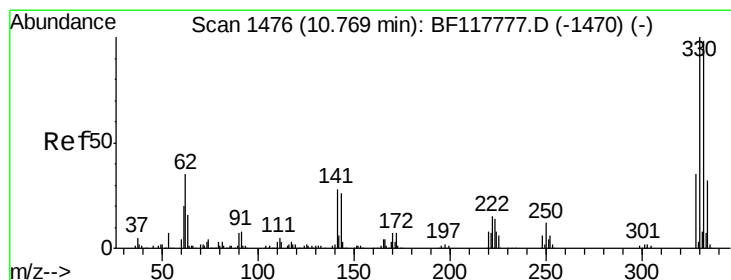
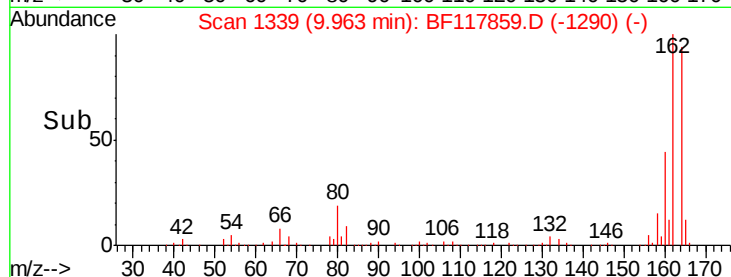
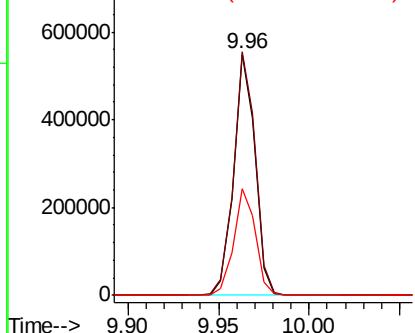
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :
4-(12-14)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.2	36.6	55.0

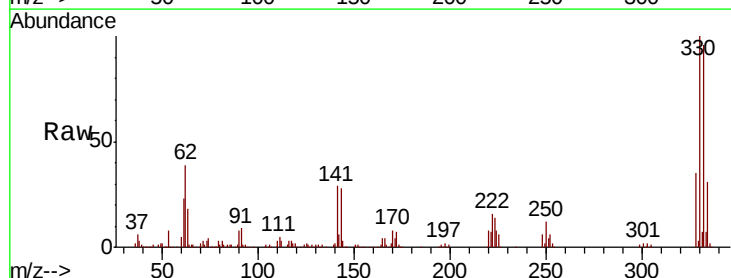


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

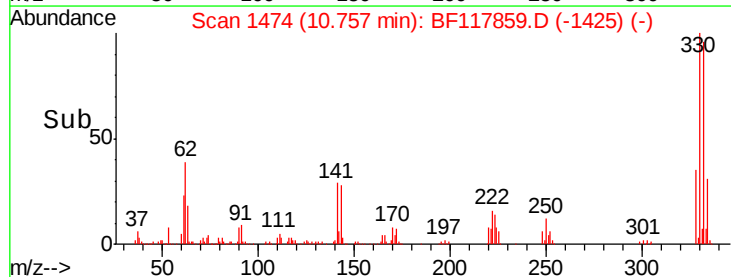
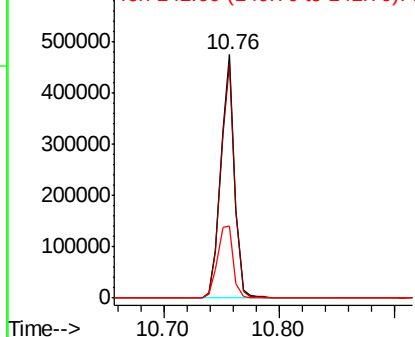


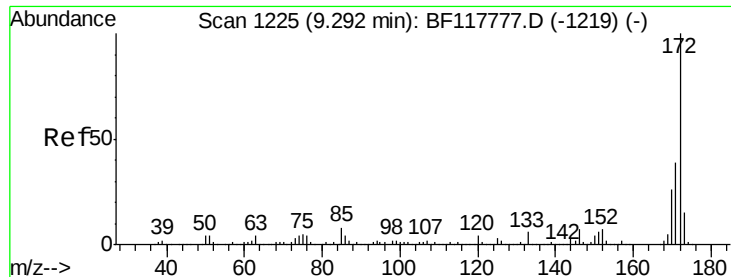
#42
2,4,6-Tribromophenol
Concen: 82.228 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	34.0	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

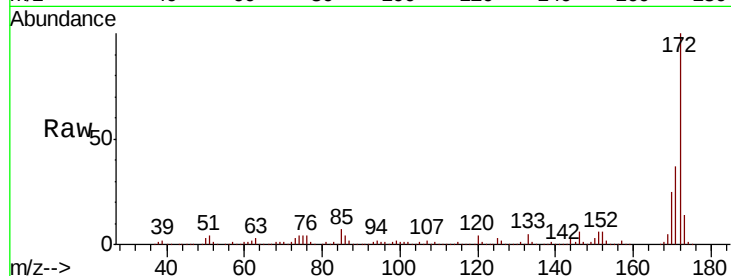




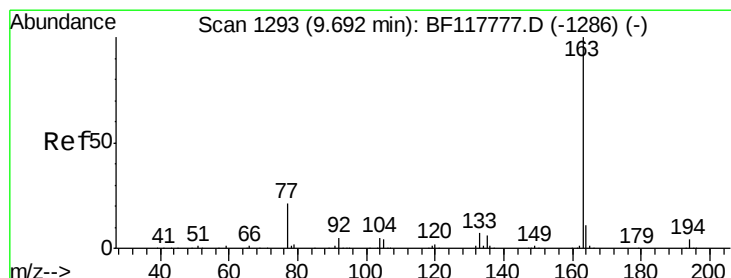
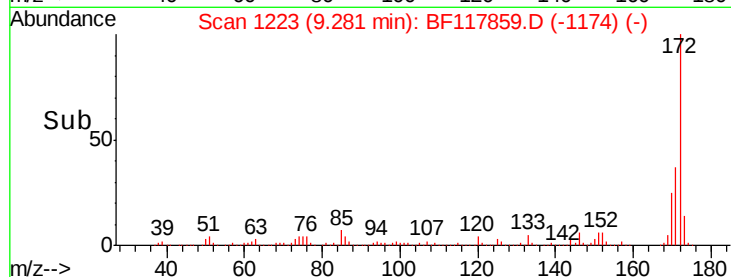
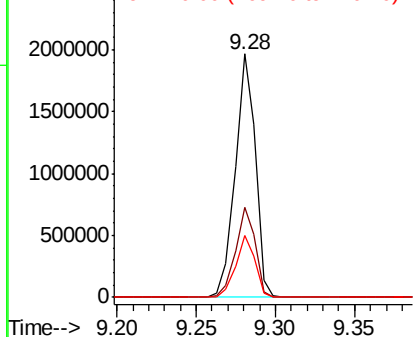
#45
2-Fluorobiphenyl
Concen: 68.817 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :
4-(12-14)

Tot Ion:172 Resp: 1733764
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 25.2 21.0 31.4

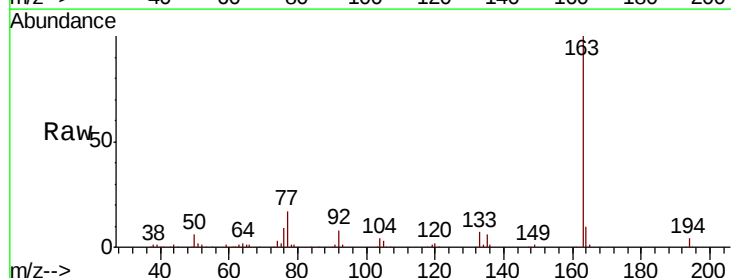


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

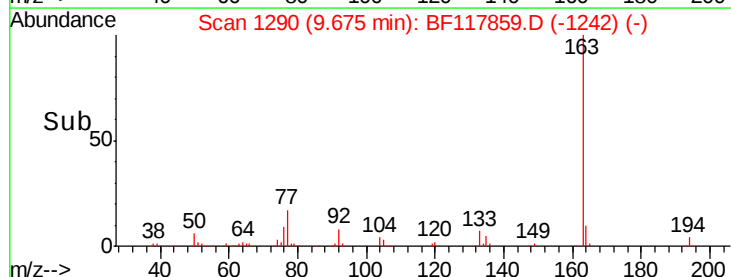
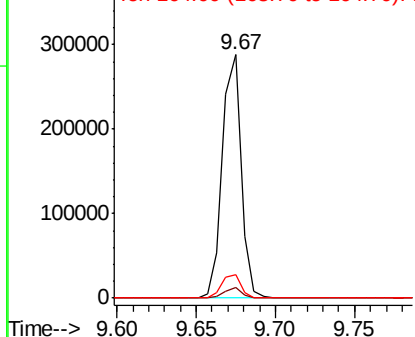


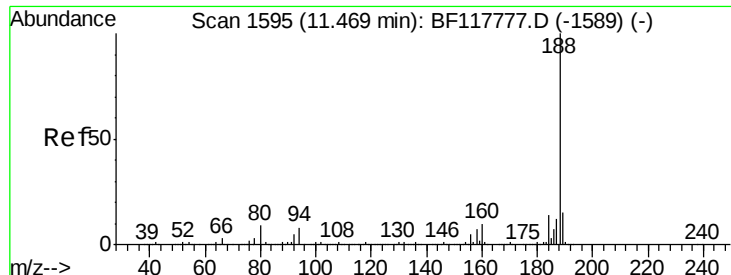
#50
Dimethylphthalate
Concen: 7.534 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion:163 Resp: 238782
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.5 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: BF117859.D

Acq: 19 Nov 2019 15:09

Instrument :

BNA_F

ClientSampleId :

4-(12-14)

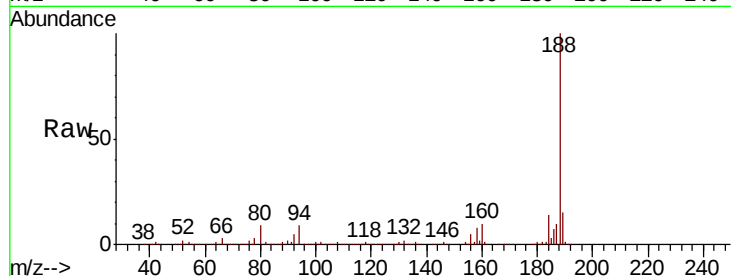
Tot Ion:188 Resp: 835003

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

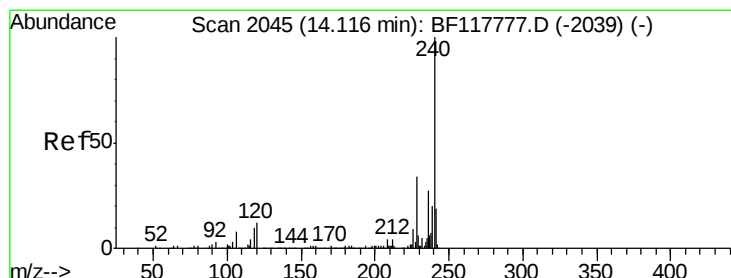
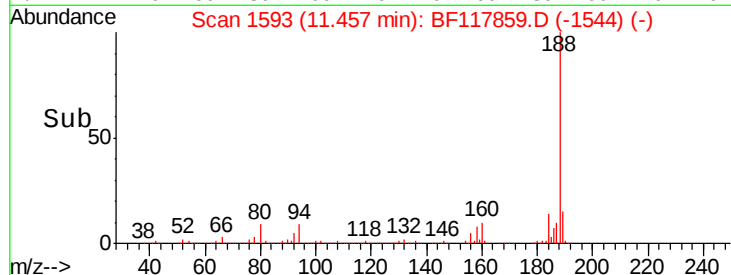
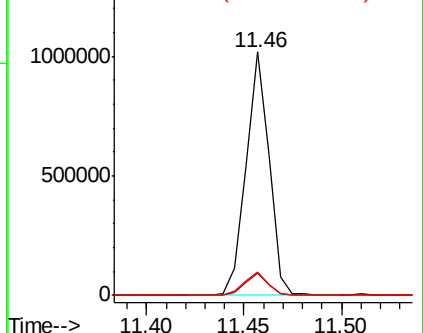
80 9.4 7.2 10.8



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: BF117859.D

Acq: 19 Nov 2019 15:09

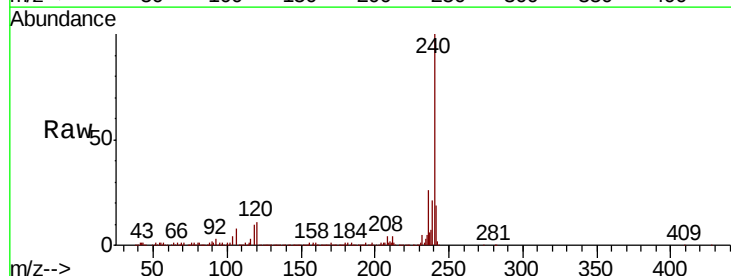
Tgt Ion:240 Resp: 545041

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

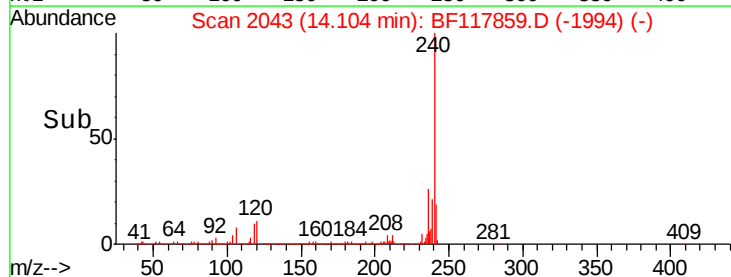
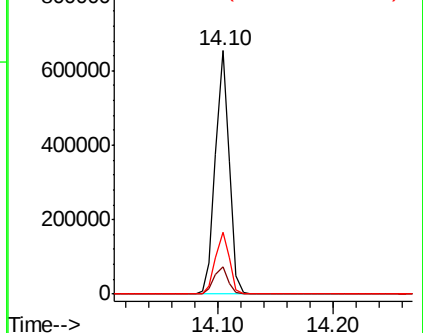
236 25.6 21.3 31.9

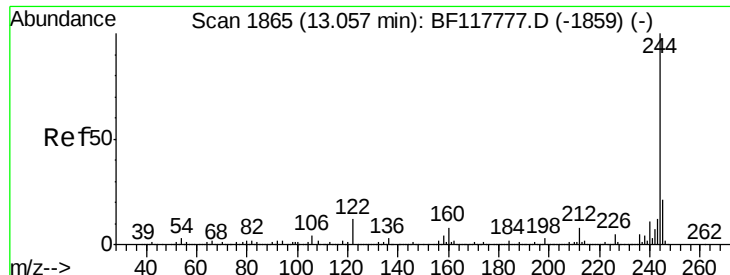


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.607 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

Instrument :

BNA_F

ClientSampleId :

4-(12-14)

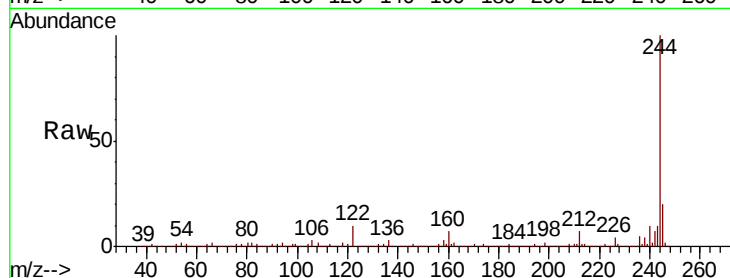
Tot Ion:244 Resp: 1896916

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

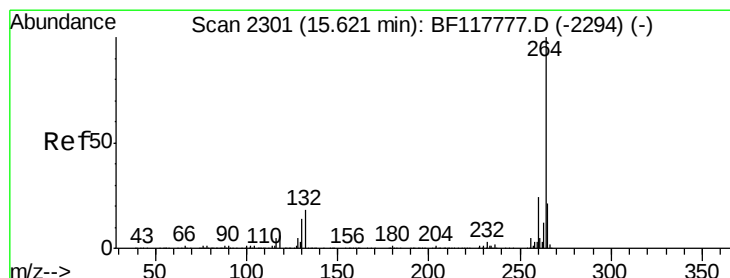
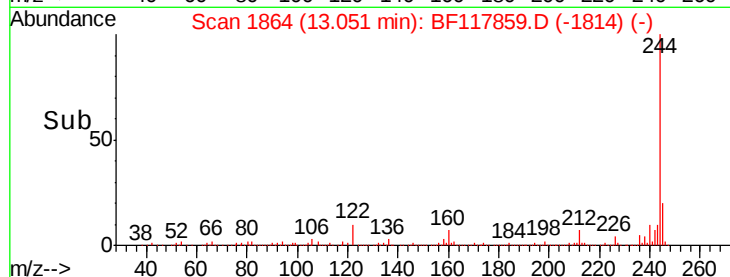
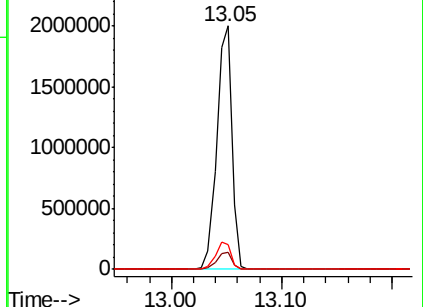
122 10.1 9.4 14.2



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: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

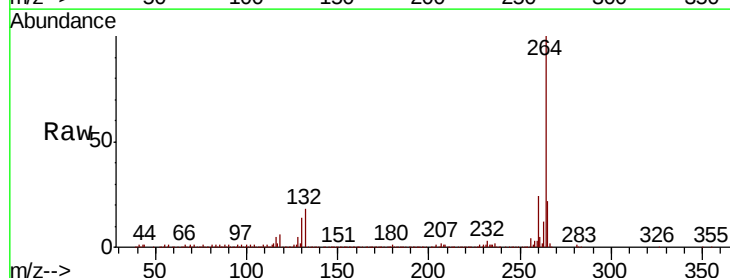
Tgt Ion:264 Resp: 532769

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.6 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

