

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117255.D
 Acq On : 25 Sep 2019 21:58
 Operator : JU
 Sample : K5020-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Quant Time: Sep 26 04:09:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

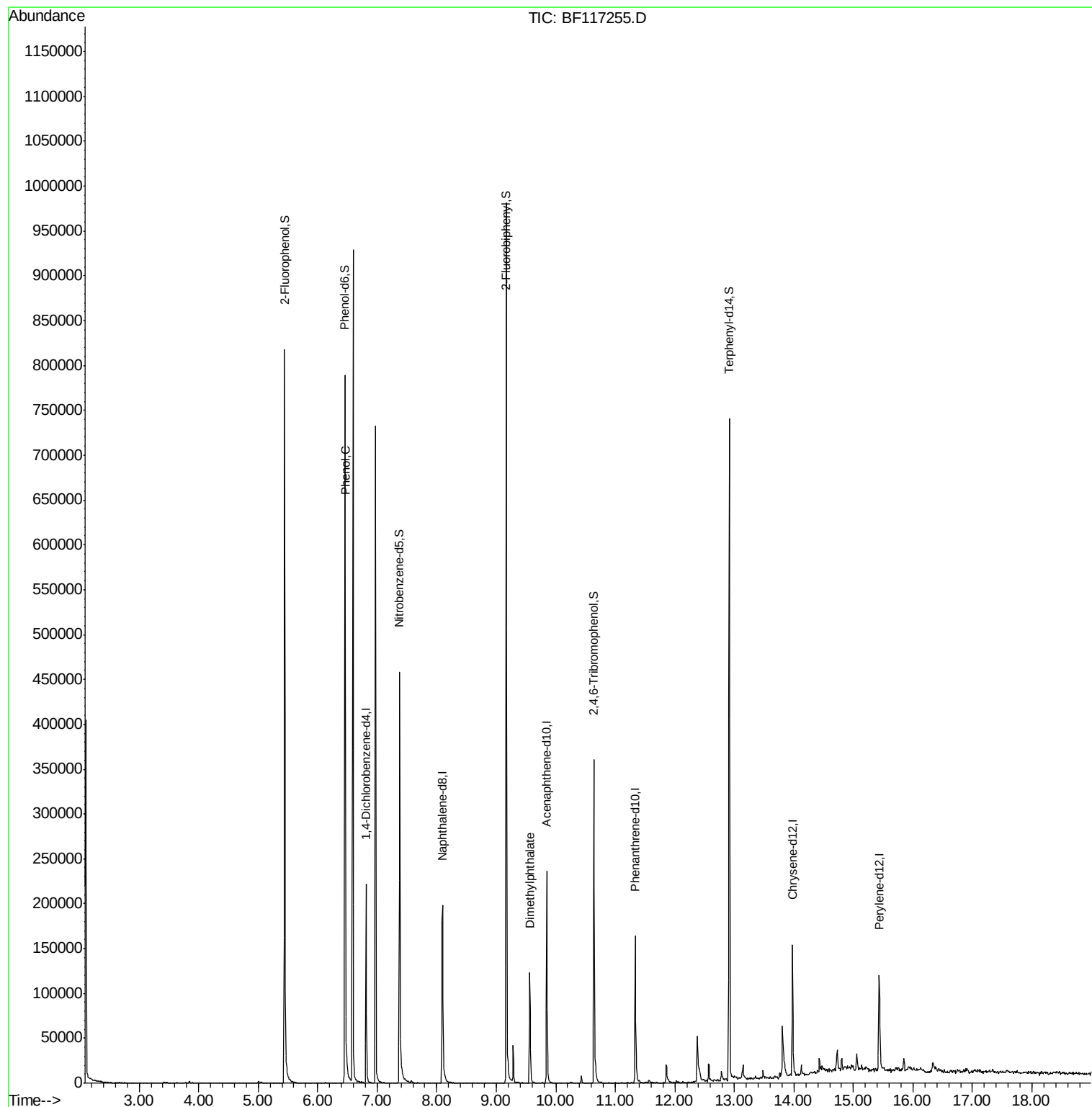
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35100	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	131564	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	59591	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	79841	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59525	20.00	ng	0.00
87) Perylene-d12	15.43	264	55250	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	236352	105.13	ng	0.00
7) Phenol-d6	6.46	99	310189	106.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	191365	76.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	47131	94.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	309373	81.17	ng	0.00
79) Terphenyl-d14	12.92	244	224331	70.45	ng	0.00
Target Compounds						
10) Phenol	6.47	94	7520	2.348	ng	Qvalue # 77
50) Dimethylphthalate	9.56	163	59652	14.138	ng	99

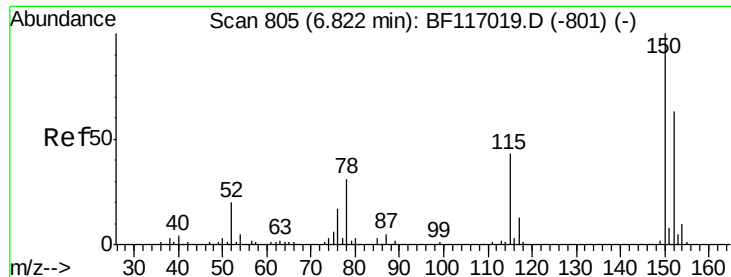
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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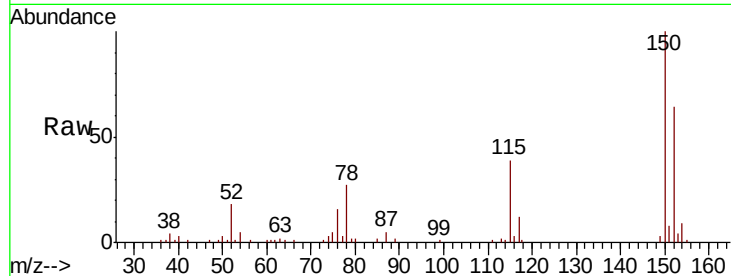


#1

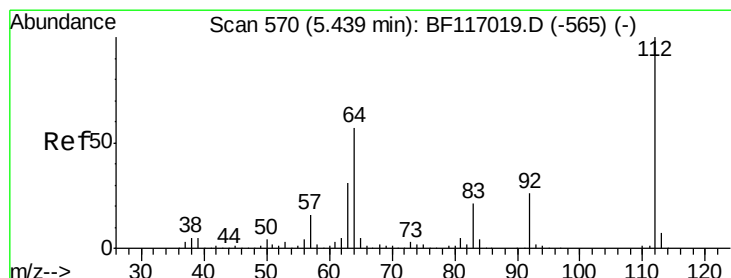
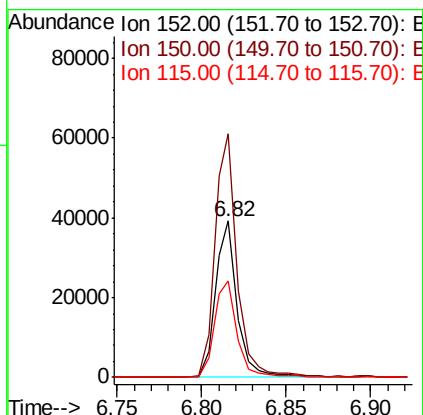
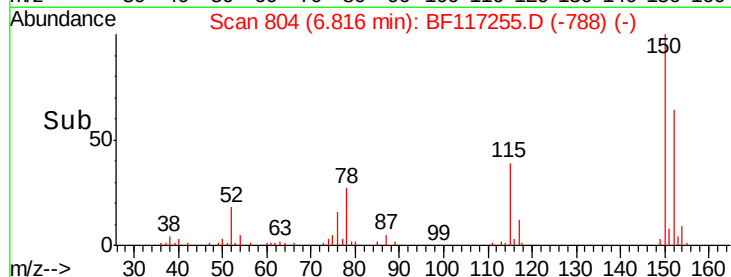
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Tot Ion:152 Resp: 35100
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.5 191.3
 115 61.6 55.0 82.4



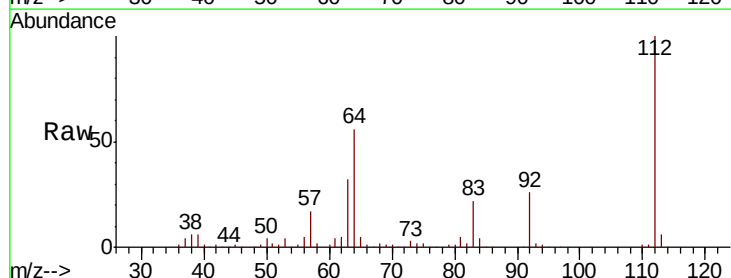
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



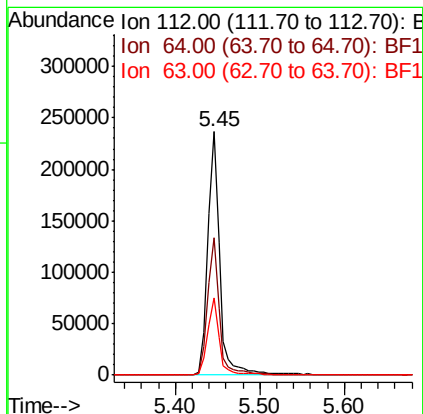
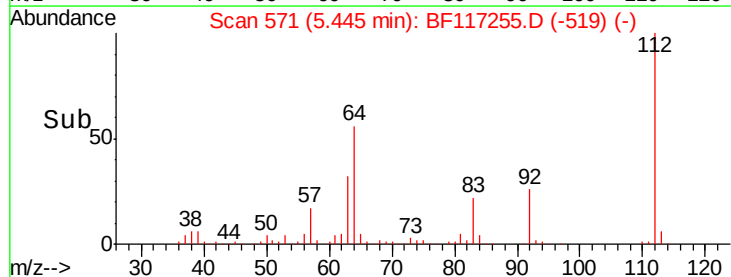
#5

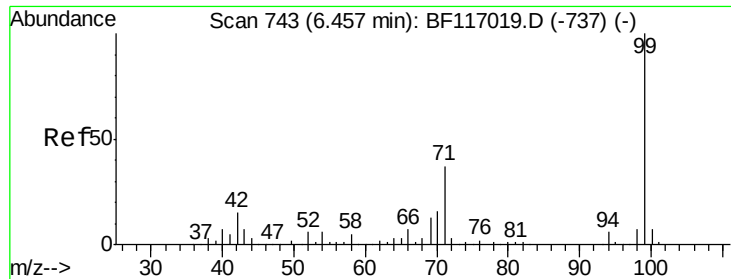
2-Fluorophenol
 Concen: 105.129 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Tgt Ion:112 Resp: 236352
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.7 68.5
 63 31.7 24.9 37.3



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: 106.760 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

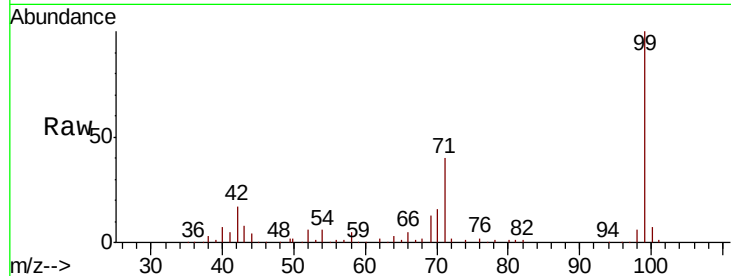
BNA_F

ClientSampleId :

RT-5124

Tot Ion: 99 Resp: 310189

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.2	18.2
71	39.7	29.8	44.8

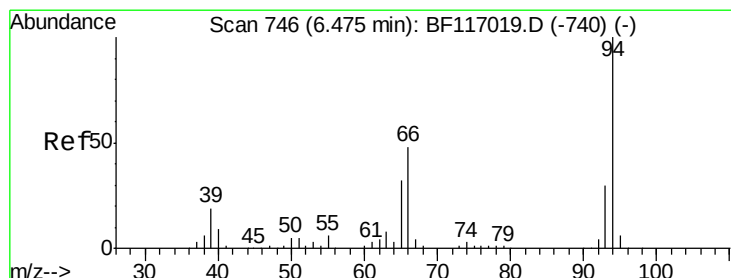
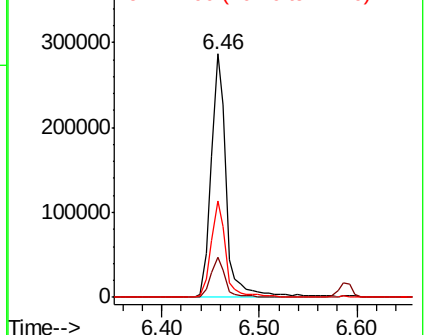
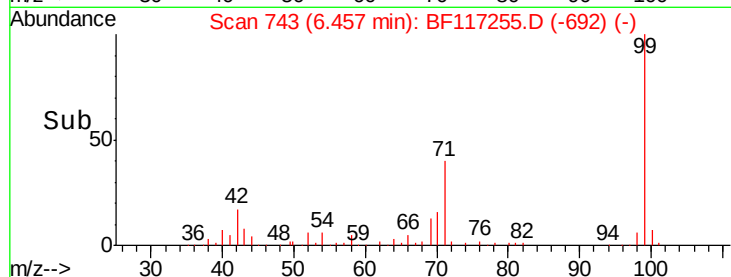


Abundance

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: 2.348 ng

RT: 6.47 min Scan# 745

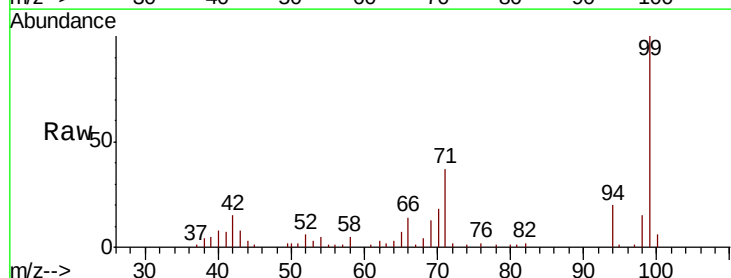
Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Tgt Ion: 94 Resp: 7520

Ion	Ratio	Lower	Upper
94	100		
65	35.6	12.5	52.5
66	72.7	28.9	68.9

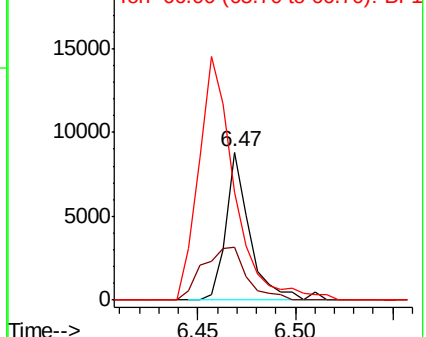
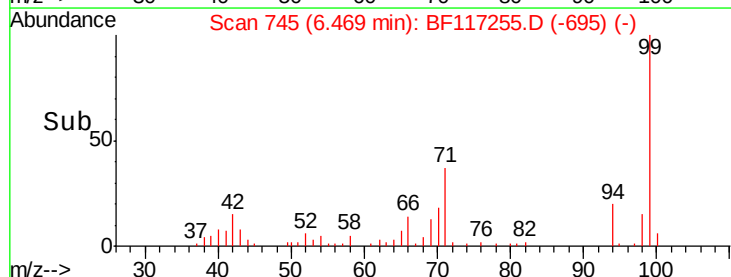


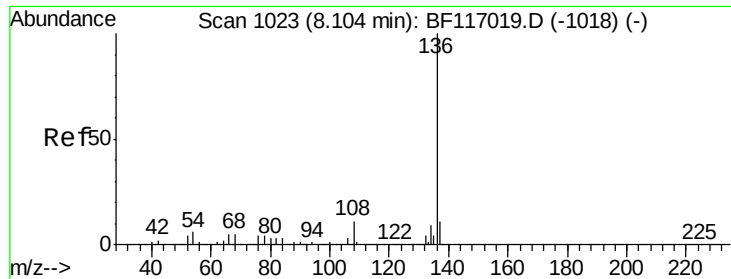
Abundance

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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampleId :

RT-5124

Tot Ion:136 Resp: 131564

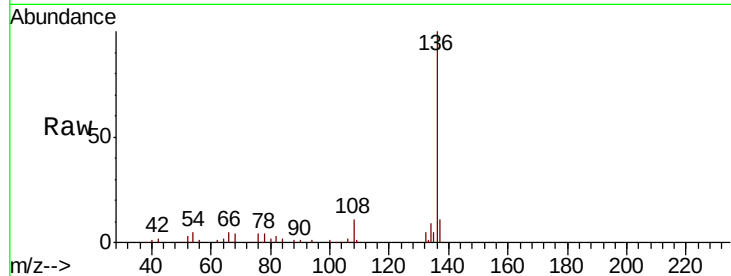
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.2 4.5 6.7

68 4.1 4.0 6.0

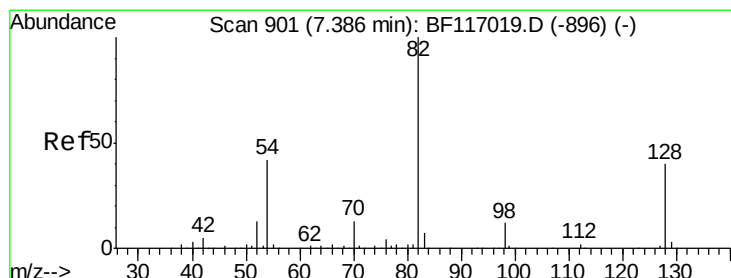
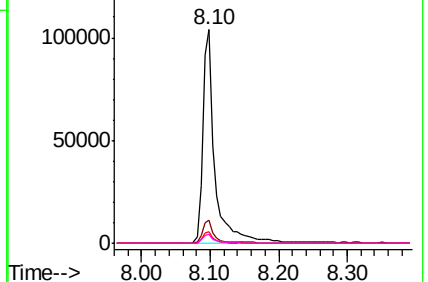
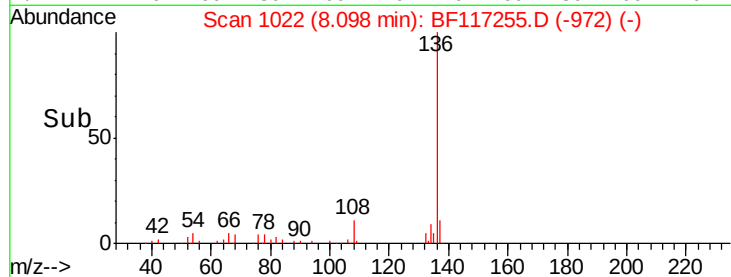


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.425 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

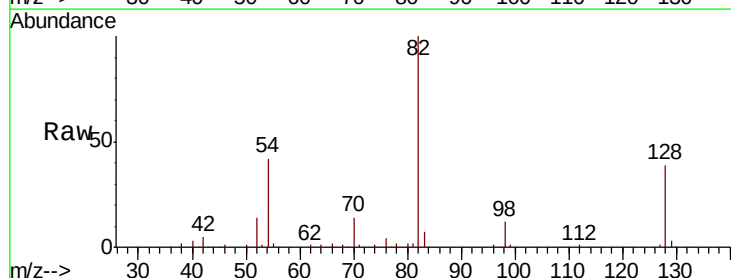
Tgt Ion: 82 Resp: 191365

Ion Ratio Lower Upper

82 100

128 39.4 32.3 48.5

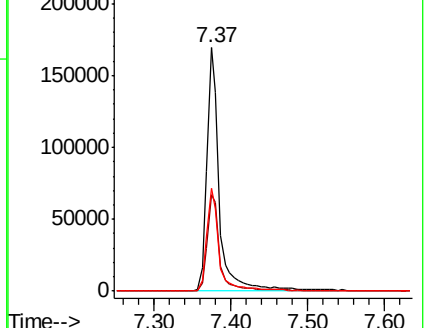
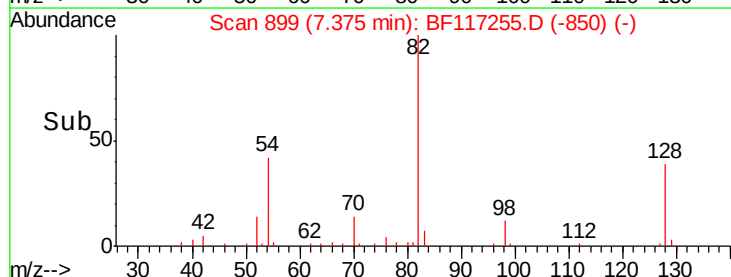
54 42.1 33.3 49.9

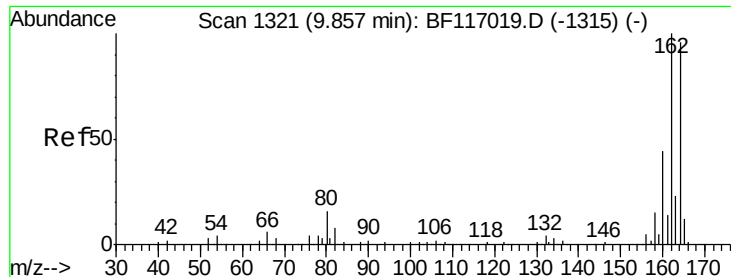


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

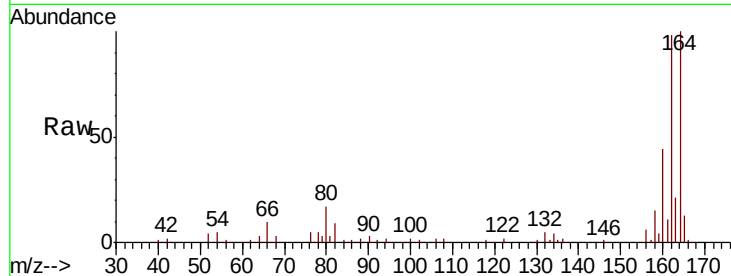




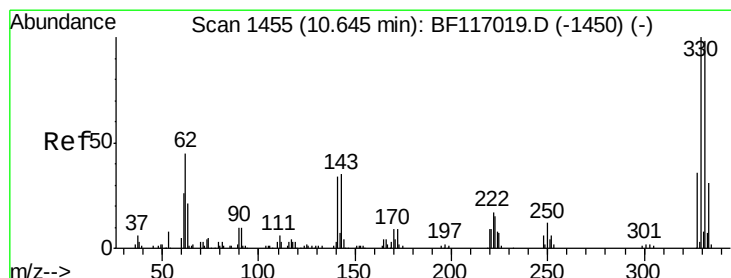
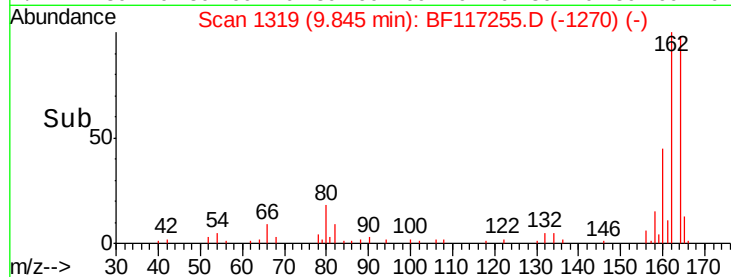
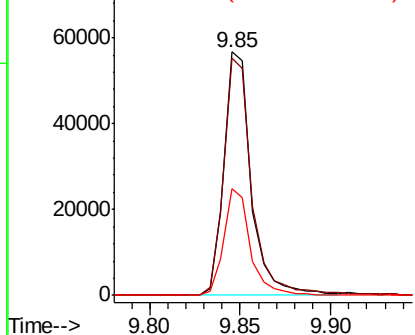
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tot Ion:164 Resp: 59591
Ion Ratio Lower Upper
164 100
162 97.6 83.4 125.2
160 43.8 36.4 54.6

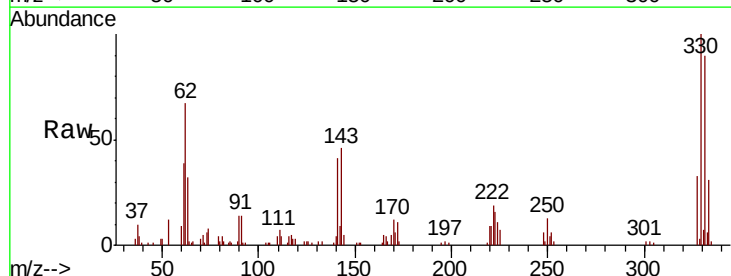


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

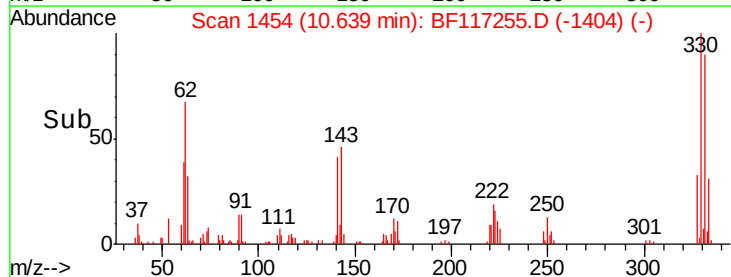
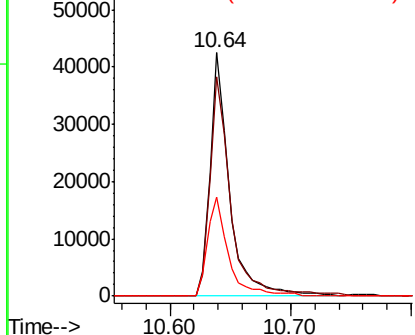


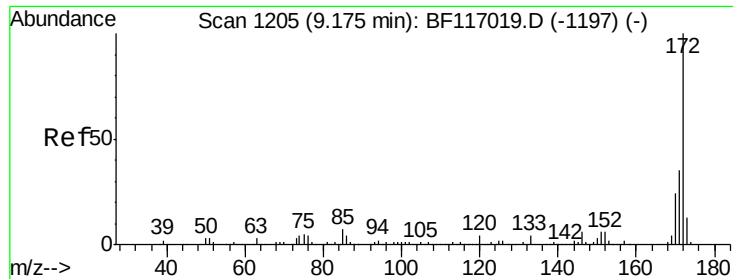
#42
2,4,6-Tribromophenol
Concen: 94.632 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Tgt Ion:330 Resp: 47131
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 43.8 35.8 53.6



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

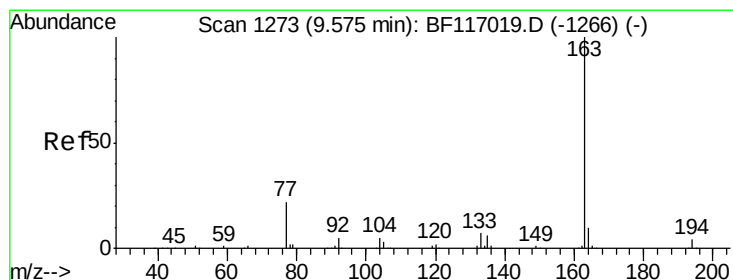
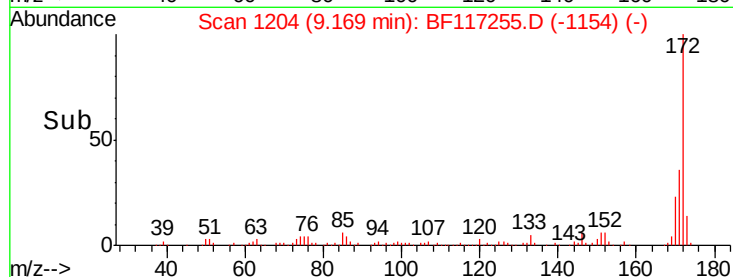
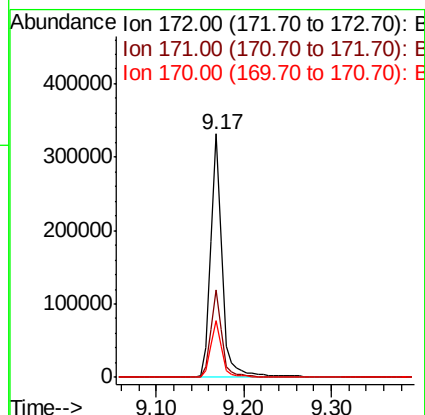
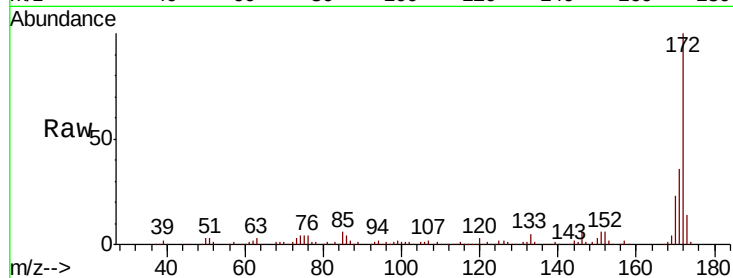




#45
2-Fluorobiphenyl
Concen: 81.175 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

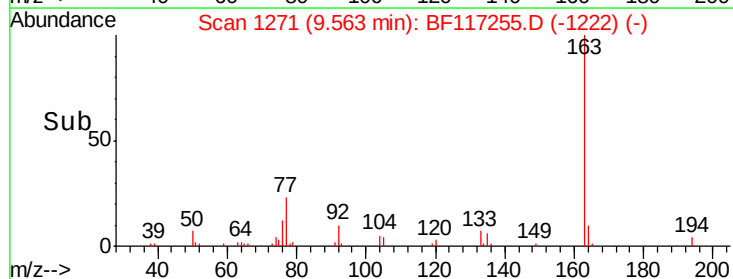
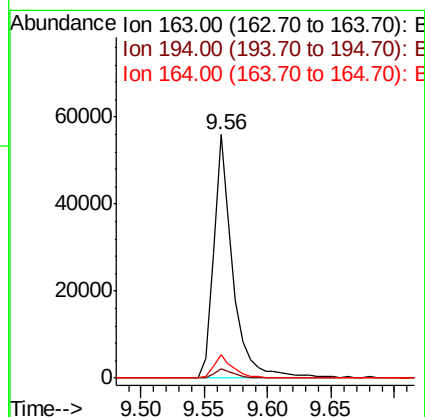
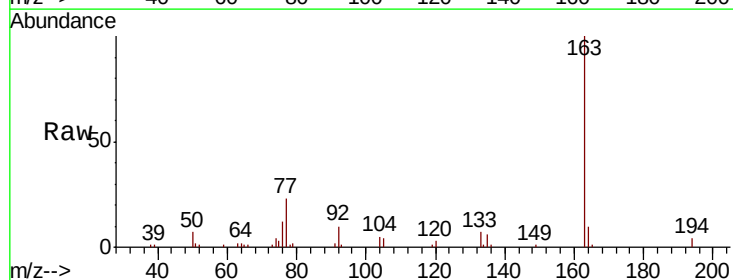
Instrument :
BNA_F
ClientSampleId :
RT-5124

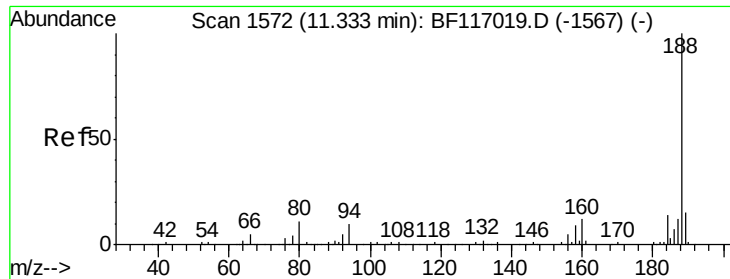
Tot Ion:172 Resp: 309373
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 14.138 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Tgt Ion:163 Resp: 59652
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.7 8.2 12.4

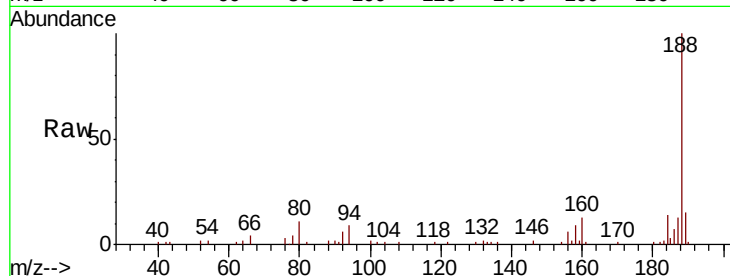




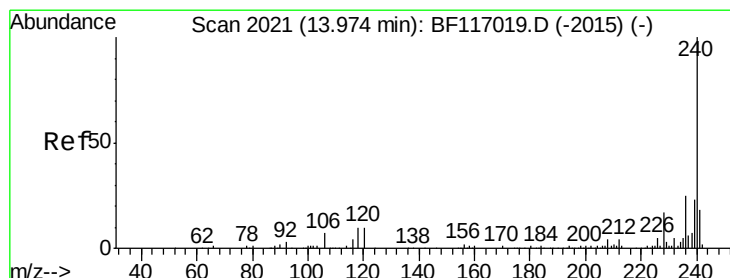
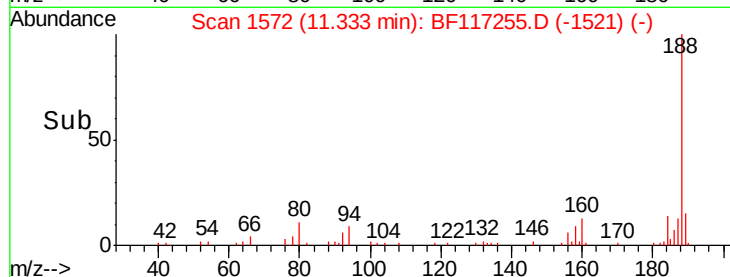
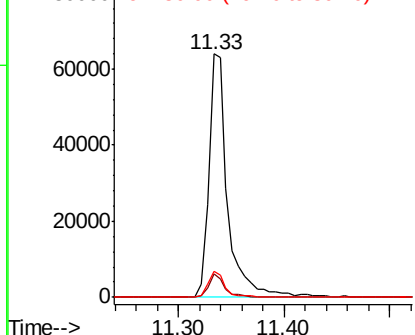
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tot Ion:188 Resp: 79841
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.6 9.0 13.6

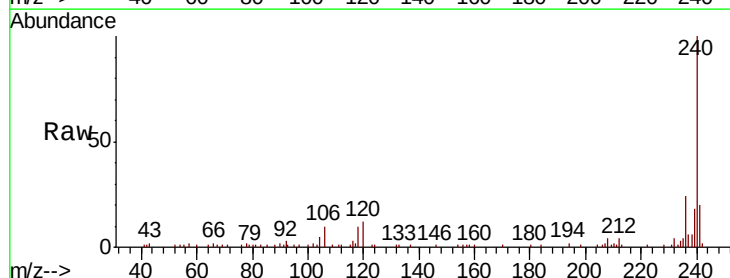


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

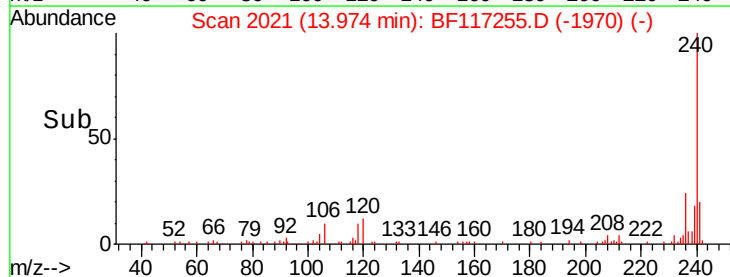
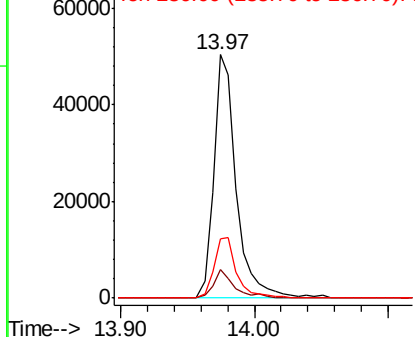


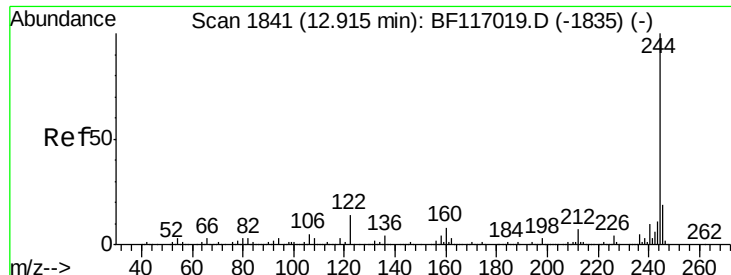
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Tgt Ion:240 Resp: 59525
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.3 20.3 30.5



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: 70.445 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampleId :

RT-5124

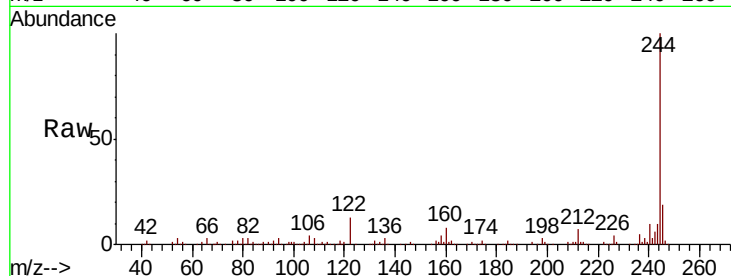
Tot Ion:244 Resp: 224331

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

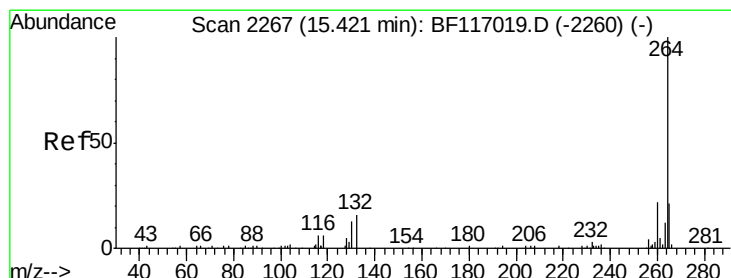
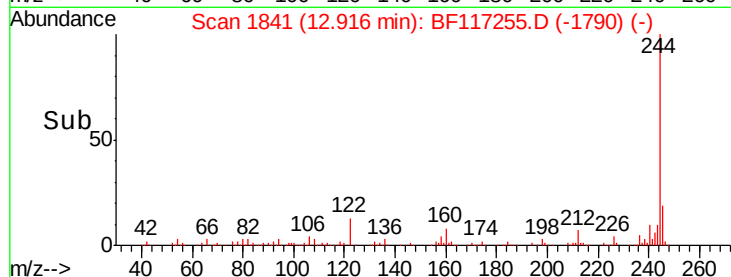
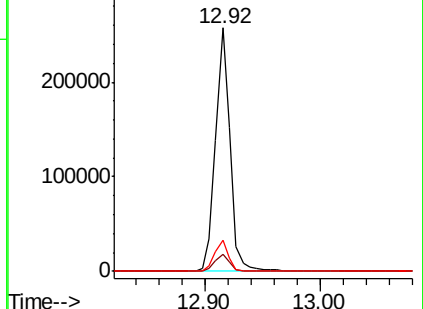
122 12.8 11.3 16.9



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

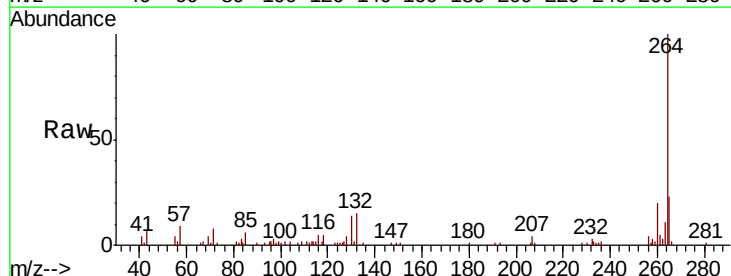
Tgt Ion:264 Resp: 55250

Ion Ratio Lower Upper

264 100

260 20.5 17.6 26.4

265 22.7 16.6 24.8



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

