

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117864.D
 Acq On : 19 Nov 2019 17:25
 Operator : JU
 Sample : K5904-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(4-6)

Quant Time: Nov 20 01:00:25 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

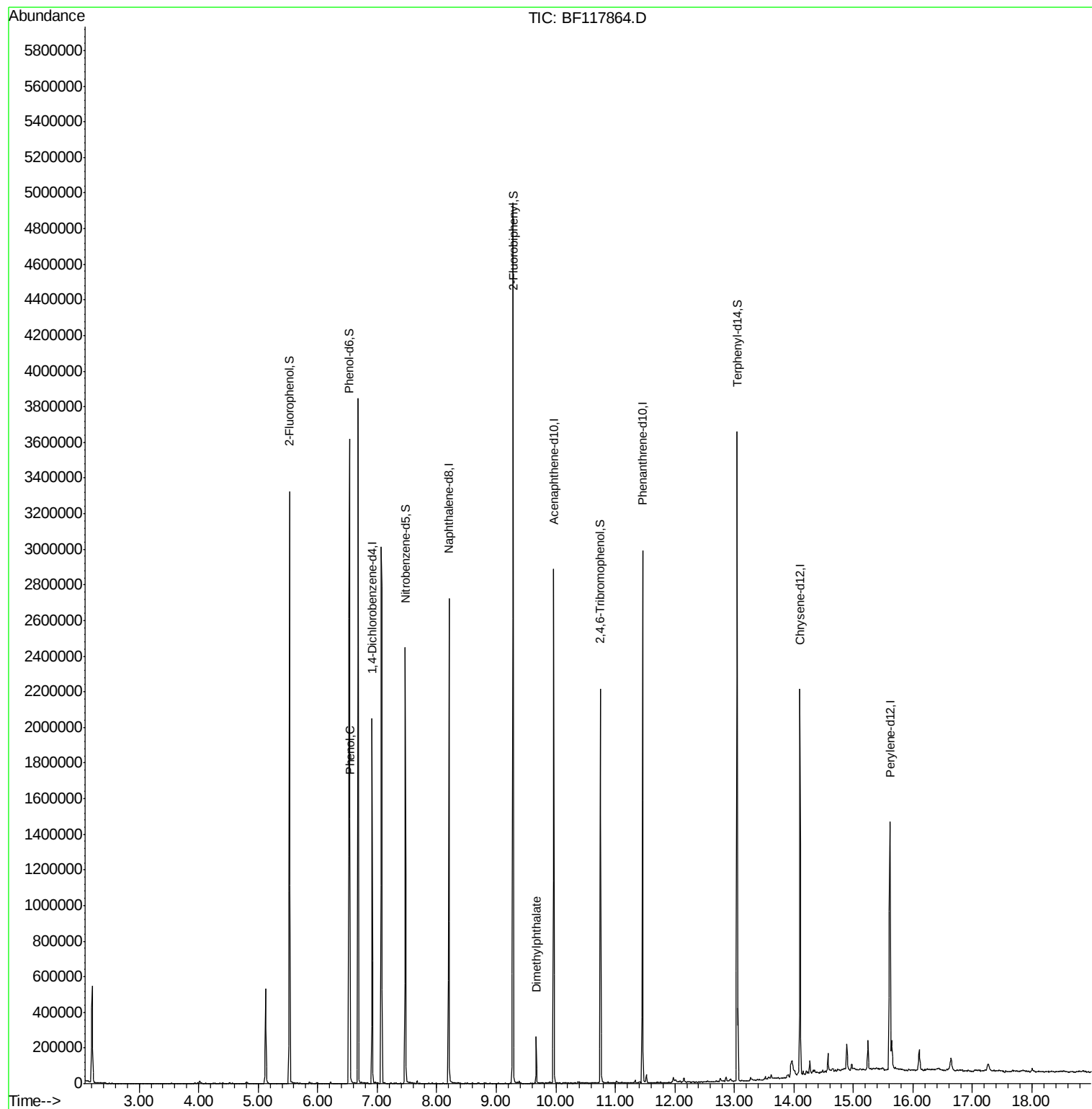
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	282071	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	1156201	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	617673	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	1005948	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	663367	20.00	ng	-0.01
87) Perylene-d12	15.62	264	673731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	875826	54.96	ng	0.00
7) Phenol-d6	6.53	99	1183809	61.59	ng	-0.01
23) Nitrobenzene-d5	7.47	82	703052	36.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	246951	37.76	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1315756	38.22	ng	-0.01
79) Terphenyl-d14	13.04	244	1153368	31.78	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	50032	2.505	ng	97
50) Dimethylphthalate	9.67	163	102038	2.356	ng	97

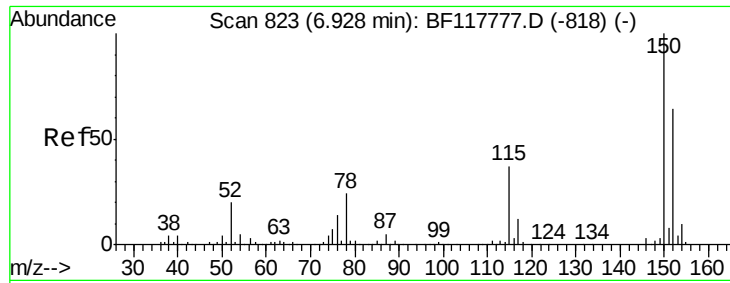
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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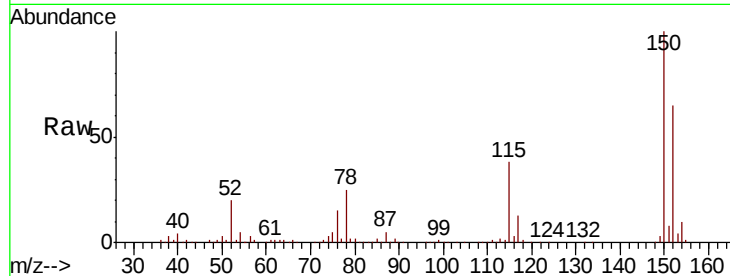


#1

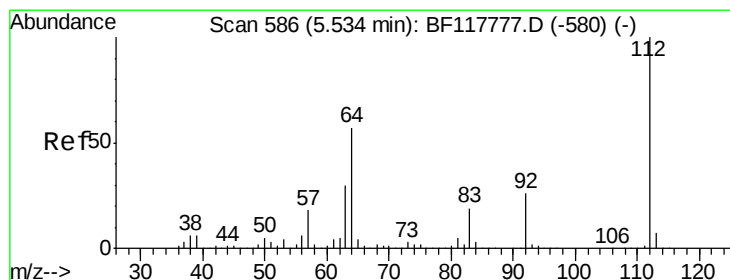
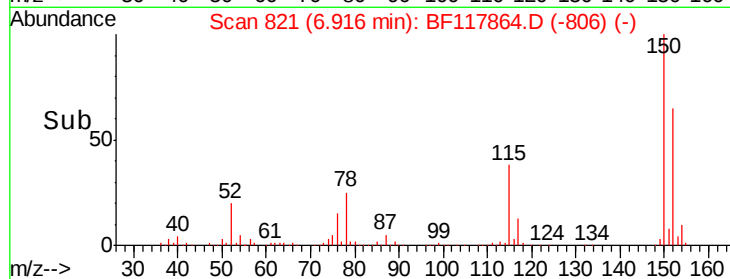
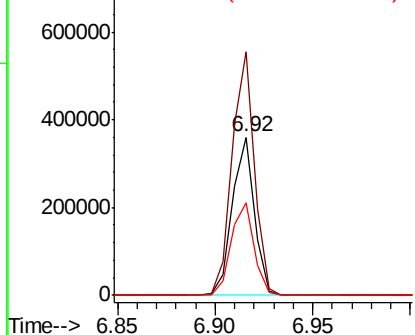
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 1-(4-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	58.8	47.0	70.4



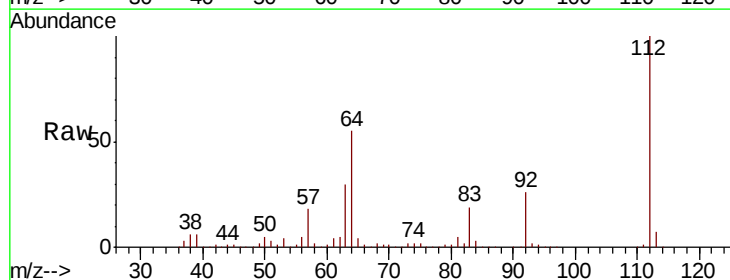
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



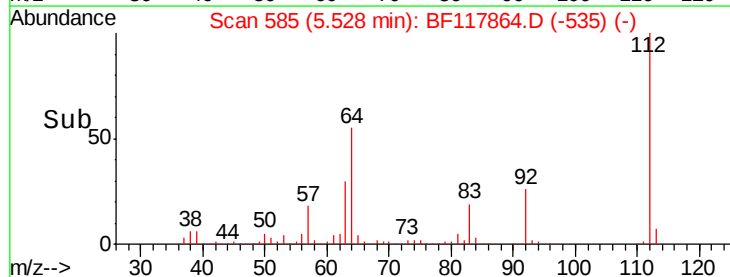
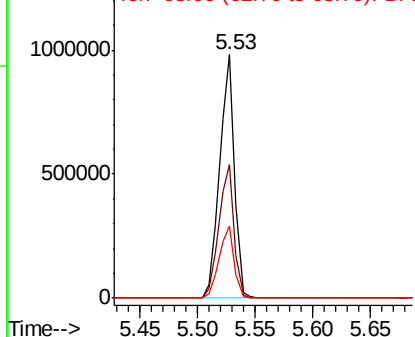
#5

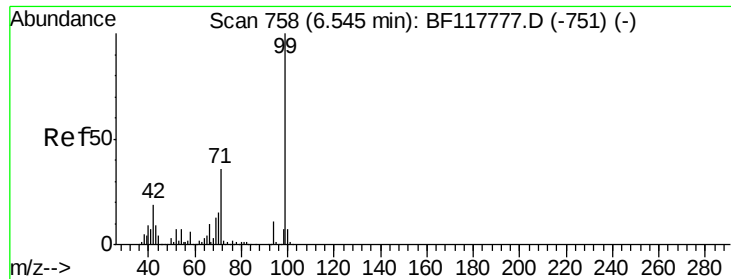
2-Fluorophenol
 Concen: 54.962 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.6	68.4
63	29.6	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: 61.591 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

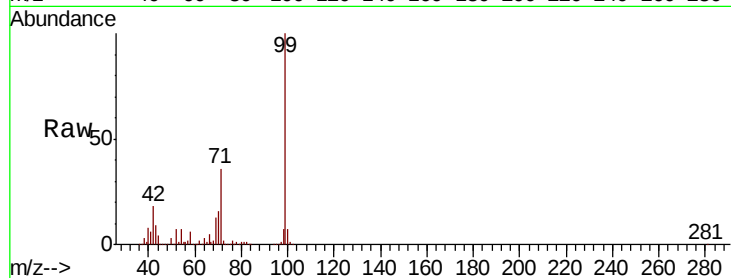
Tot Ion: 99 Resp: 1183809

Ion Ratio Lower Upper

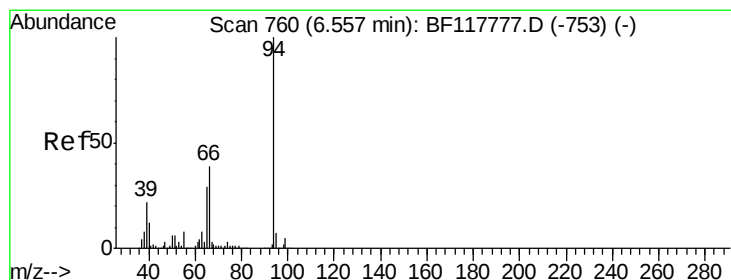
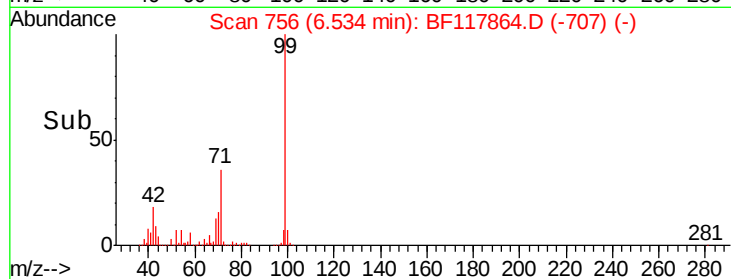
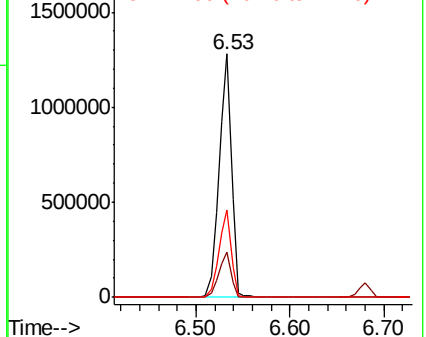
99 100

42 18.4 14.9 22.3

71 36.0 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: 2.505 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

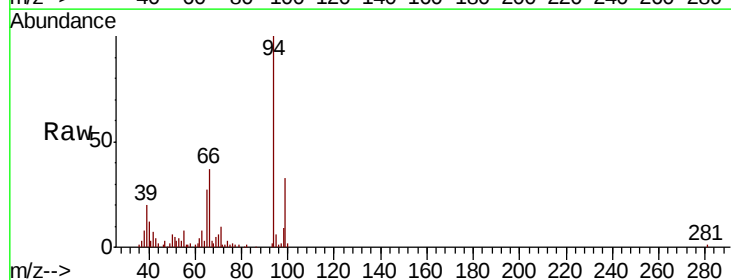
Tgt Ion: 94 Resp: 50032

Ion Ratio Lower Upper

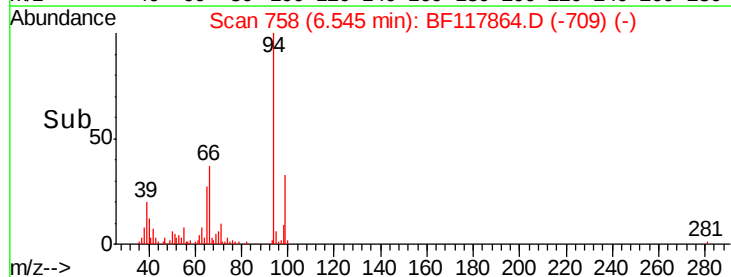
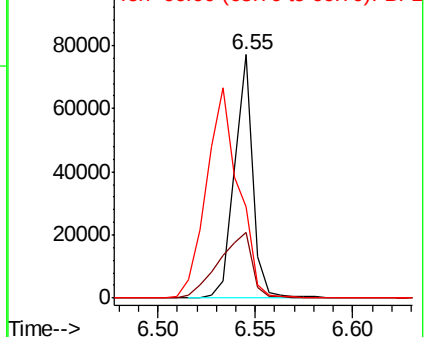
94 100

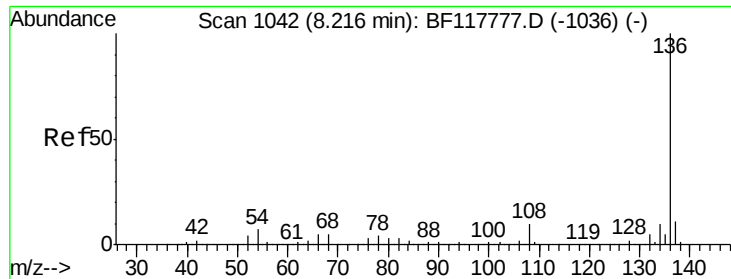
65 26.9 8.9 48.9

66 37.3 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

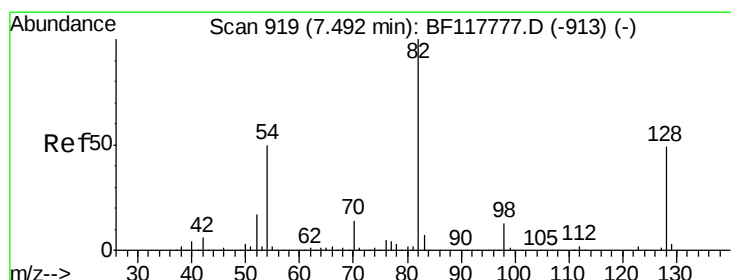
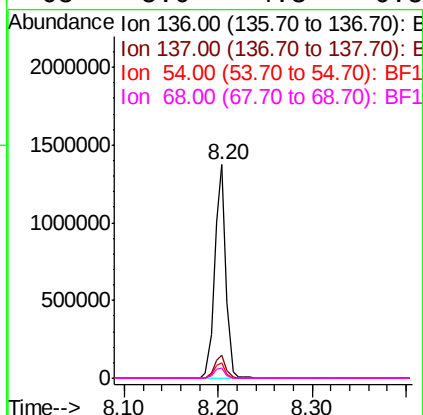
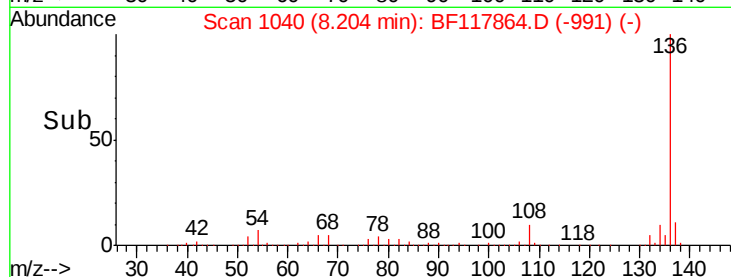
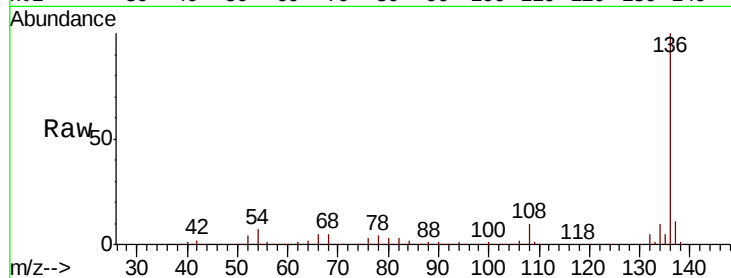




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

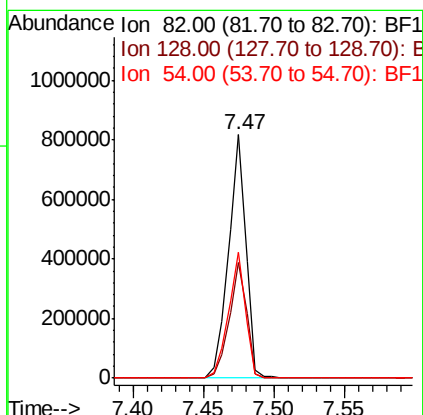
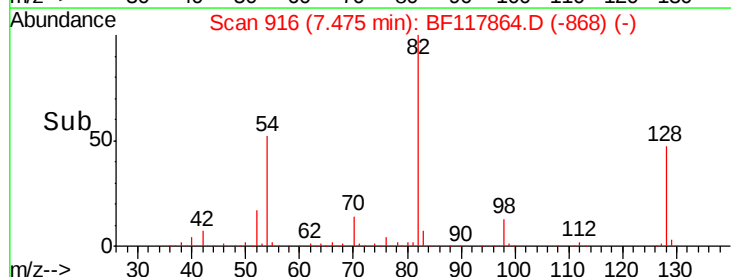
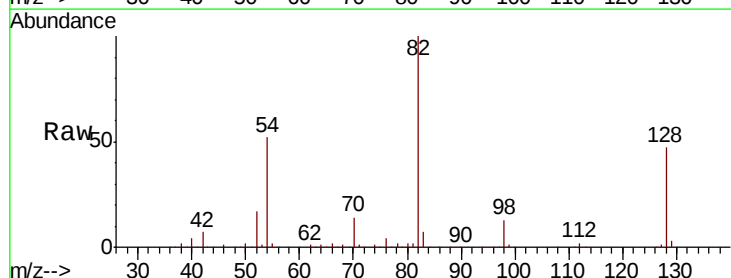
Instrument :
BNA_F
ClientSampleId :
1-(4-6)

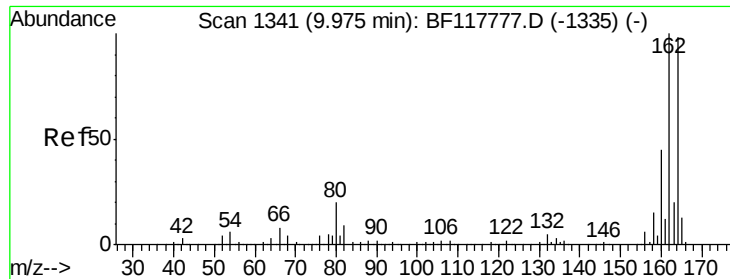
Tot Ion:136 Resp: 1156201
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.0 5.4 8.2
68 5.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 36.147 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

Tgt Ion: 82 Resp: 703052
Ion Ratio Lower Upper
82 100
128 47.4 38.9 58.3
54 51.7 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: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

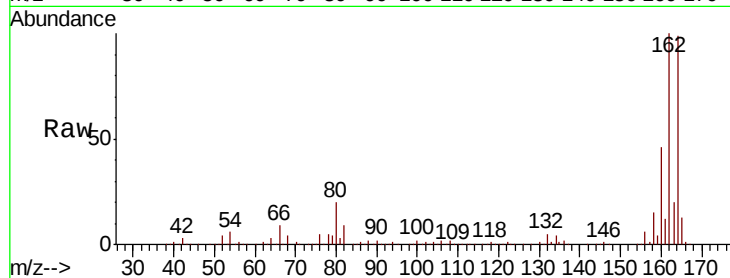
Tot Ion:164 Resp: 617673

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

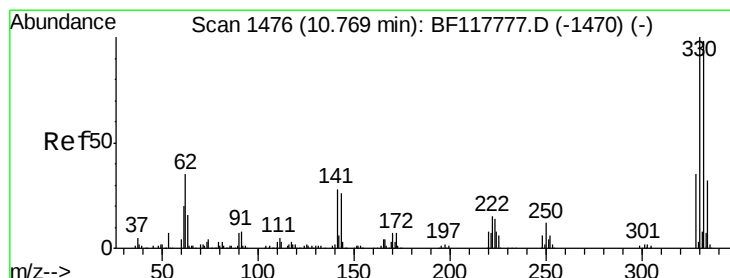
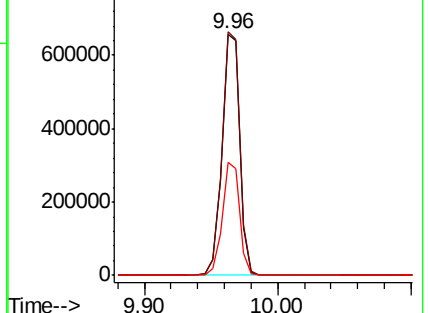
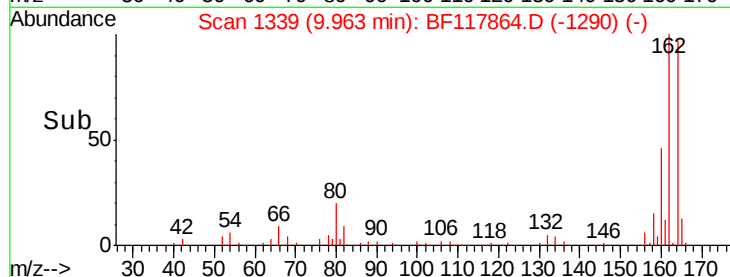
160 46.8 36.6 55.0



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: 37.764 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

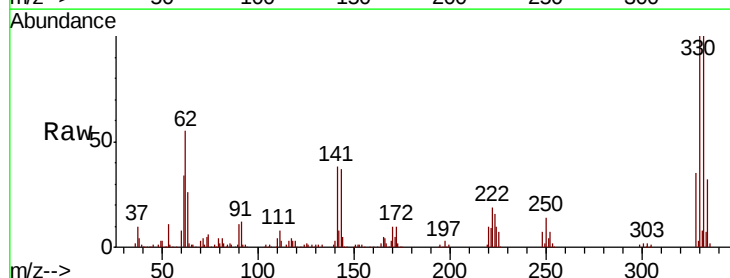
Tgt Ion:330 Resp: 246951

Ion Ratio Lower Upper

330 100

332 98.8 76.7 115.1

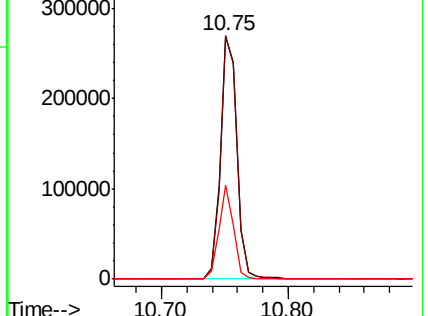
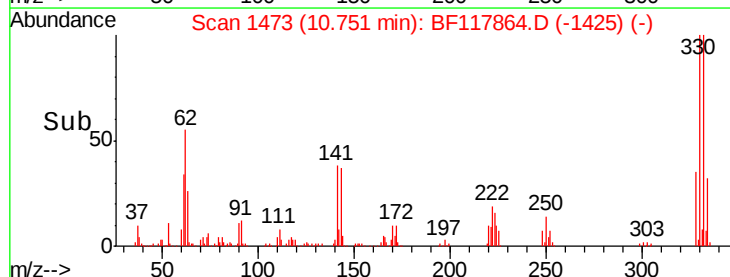
141 34.5 27.7 41.5

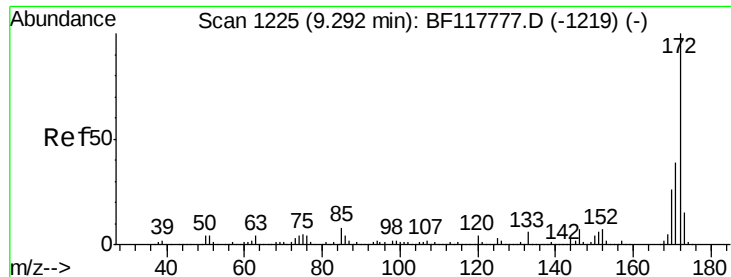


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



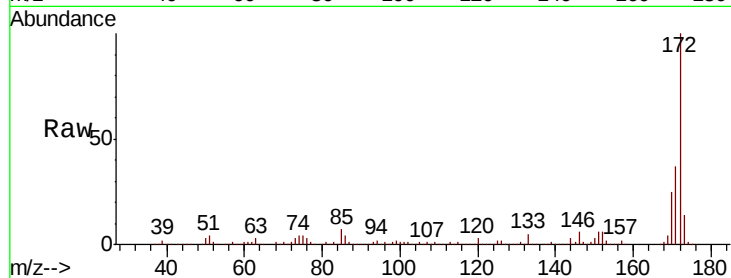


#45
 2-Fluorobiphenyl
 Concen: 38.216 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

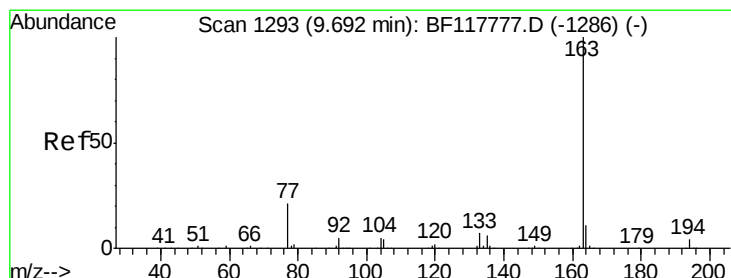
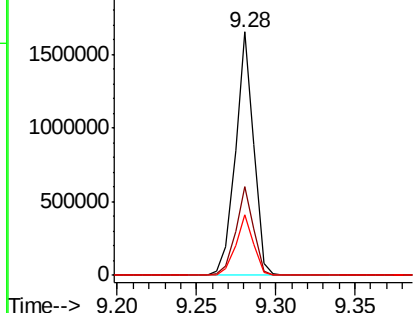
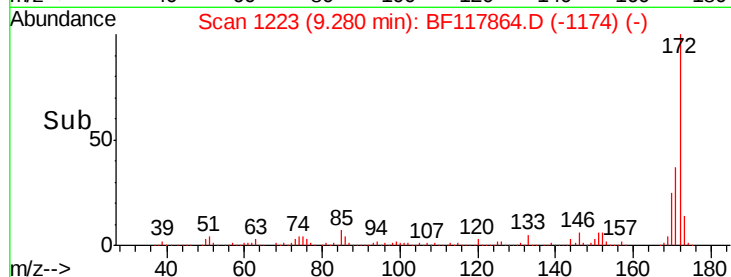
Instrument :
 BNA_F
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 1-(4-6)

Tot Ion:172 Resp: 1315756

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.7	21.0	31.4



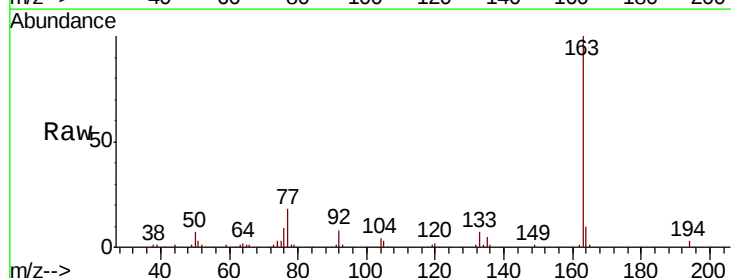
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



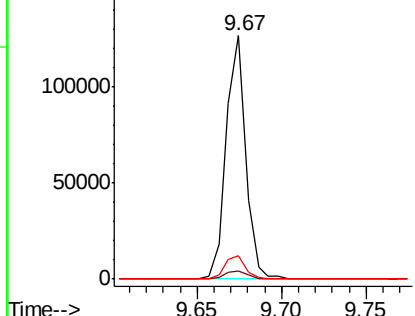
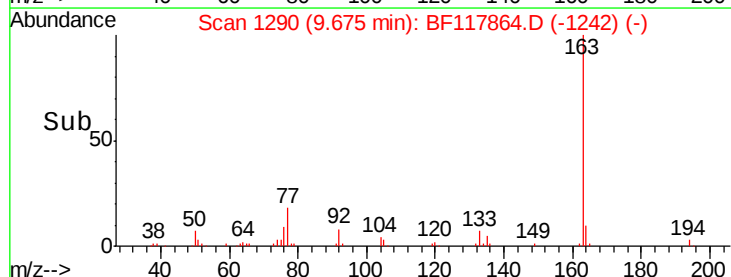
#50
 Dimethylphthalate
 Concen: 2.356 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

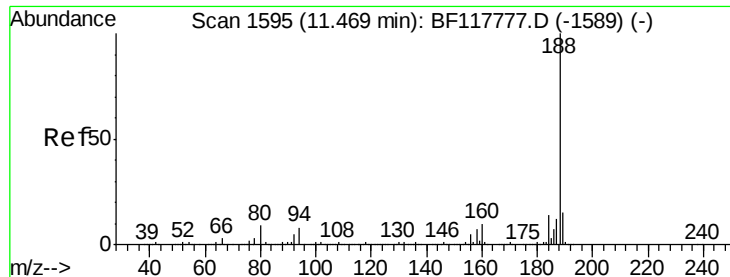
Tgt Ion:163 Resp: 102038

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.3	4.9
164	9.8	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: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

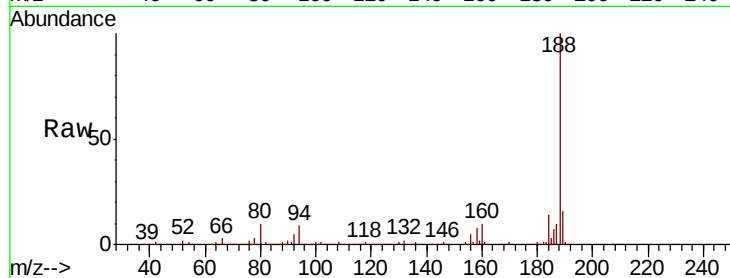
Tot Ion:188 Resp: 1005948

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

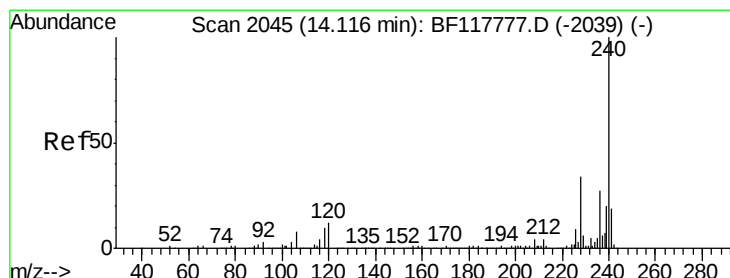
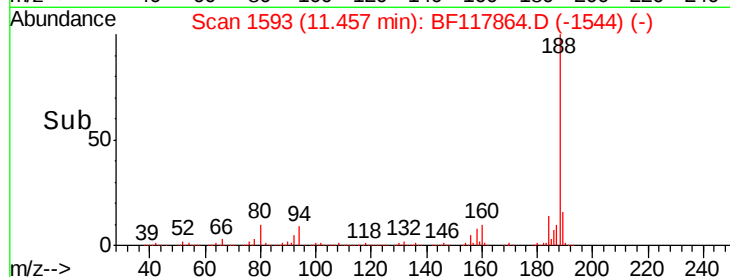
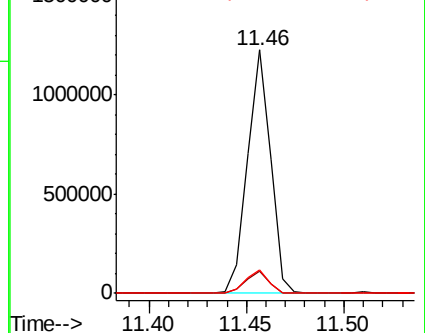
80 9.9 7.2 10.8



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: BF117864.D

Acq: 19 Nov 2019 17:25

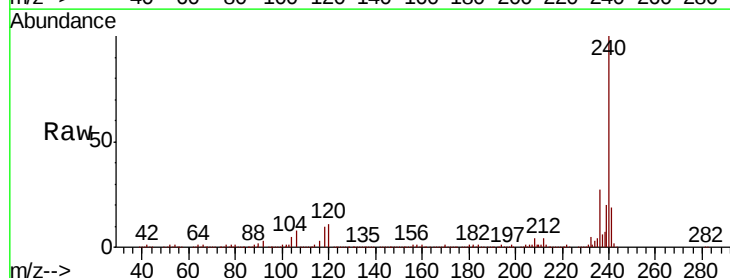
Tgt Ion:240 Resp: 663367

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

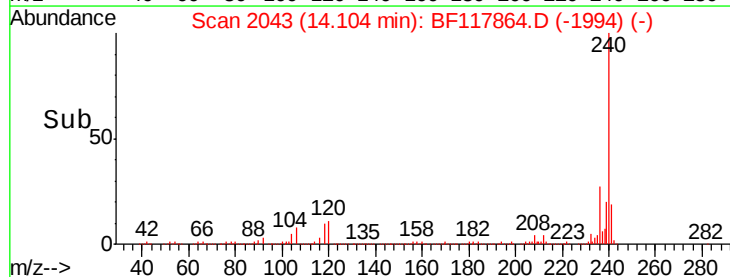
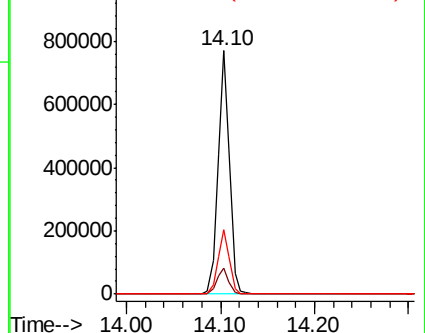
236 26.5 21.3 31.9

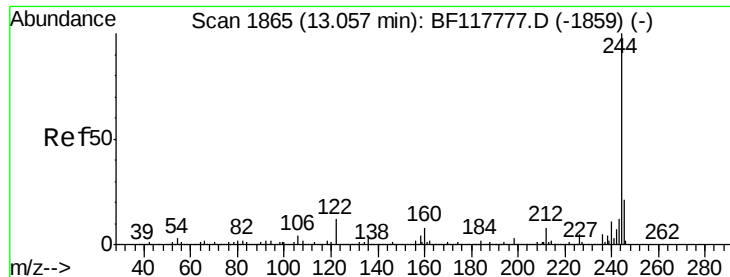


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 31.776 ng

RT: 13.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

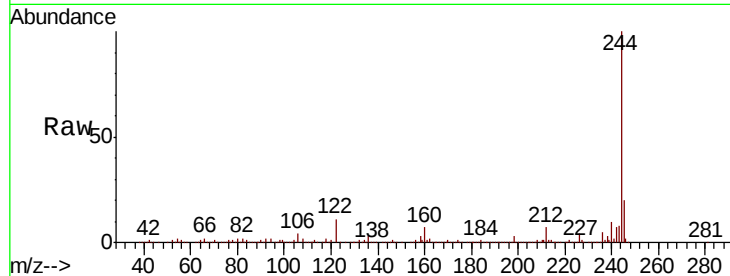
Tot Ion:244 Resp: 1153368

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

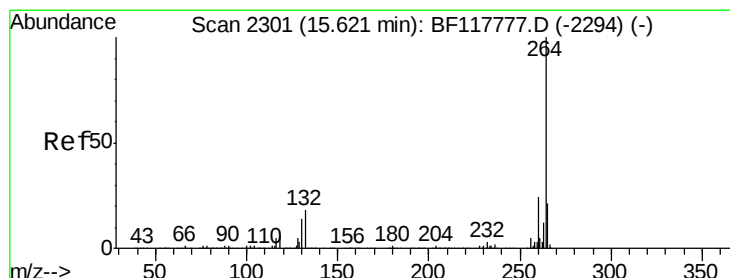
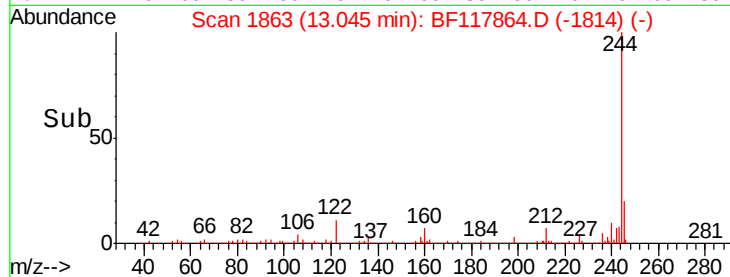
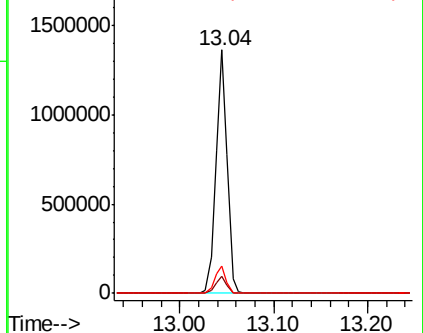
122 11.0 9.4 14.2



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: BF117864.D

Acq: 19 Nov 2019 17:25

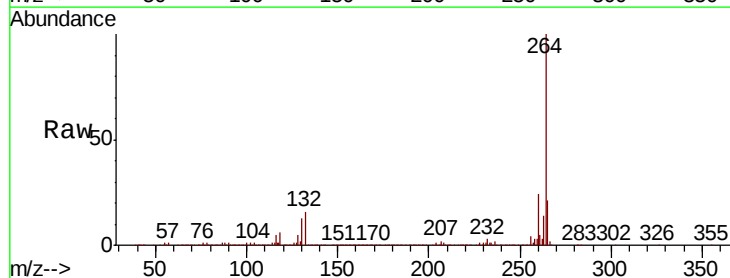
Tgt Ion:264 Resp: 673731

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.1 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

