

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116362.D
 Acq On : 17 Aug 2019 17:26
 Operator : HP/JU
 Sample : K4391-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-WALL-0

Quant Time: Aug 19 06:59:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

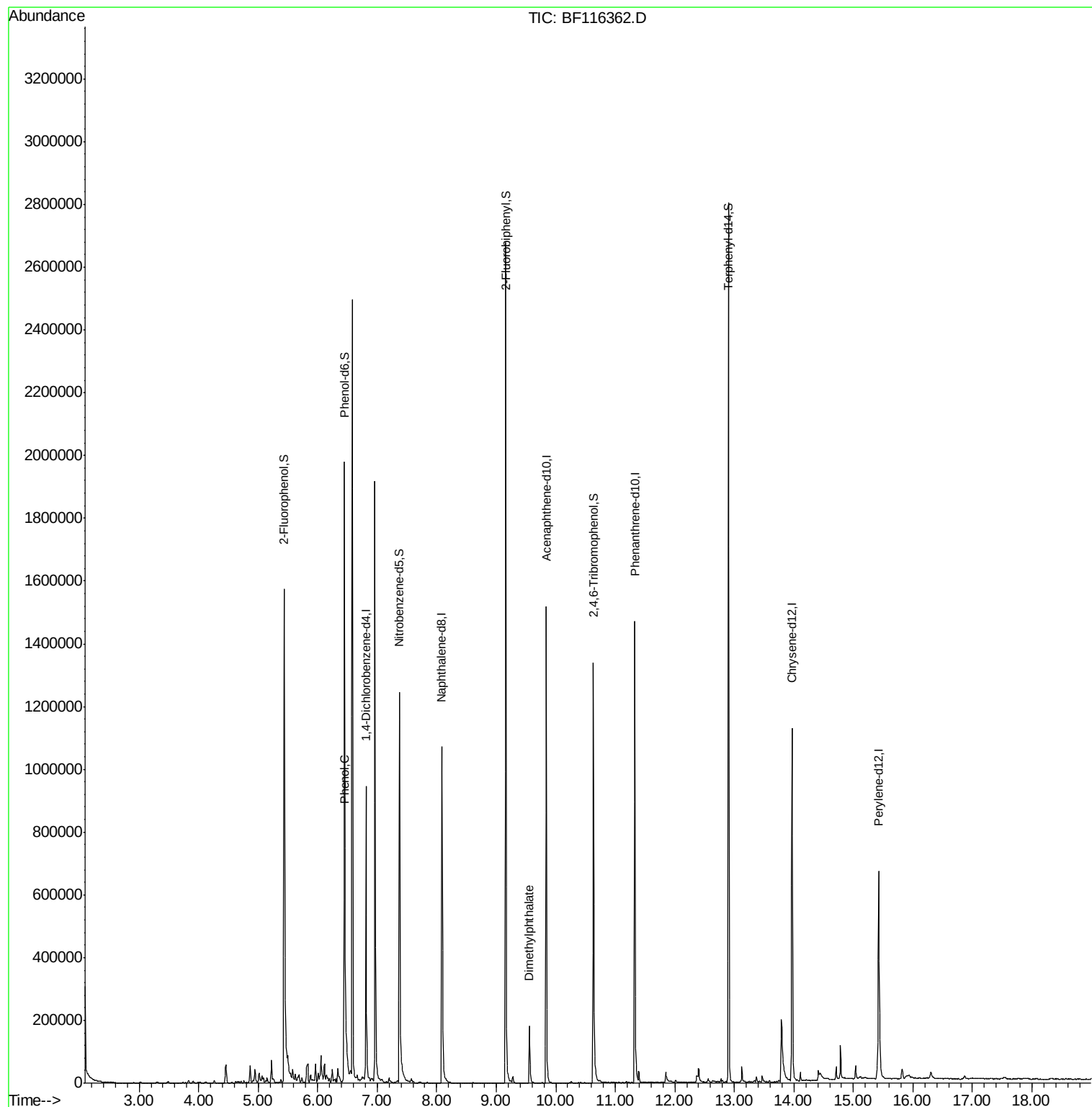
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150016	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	591240	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	311294	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	544365	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	394178	20.00	ng	-0.04
87) Perylene-d12	15.42	264	368542	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	634086	70.76	ng	-0.04
7) Phenol-d6	6.45	99	823760	72.86	ng	-0.04
23) Nitrobenzene-d5	7.37	82	522345	51.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	199952	66.25	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	877401	52.79	ng	-0.05
79) Terphenyl-d14	12.90	244	912423	48.78	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	42108	3.163	ng	96
50) Dimethylphthalate	9.56	163	88110	4.157	ng	99

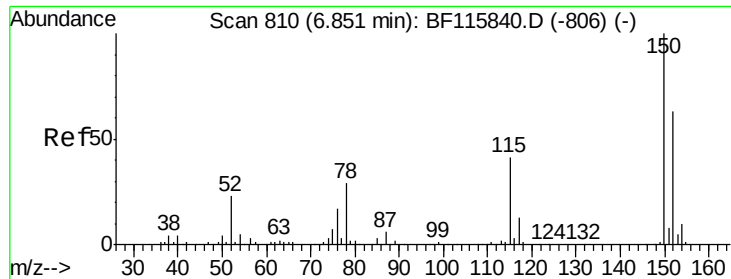
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Instrument :

BNA_F

ClientSampleId :

N-WALL-0

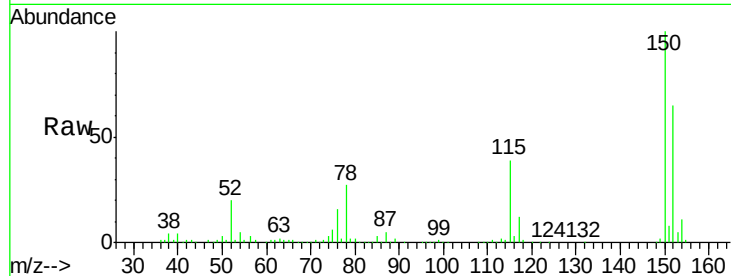
Tot Ion:152 Resp: 150016

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

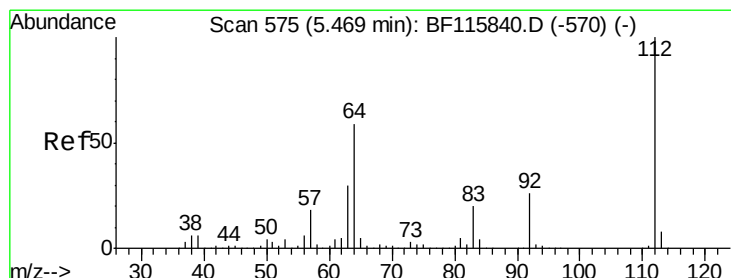
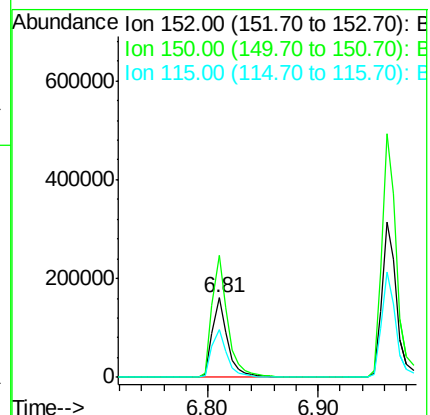
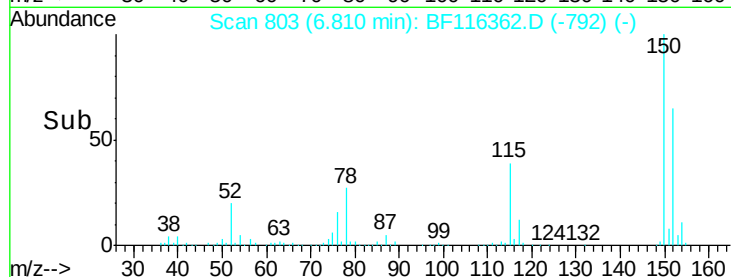
115 59.8 49.9 74.9



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: 70.759 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

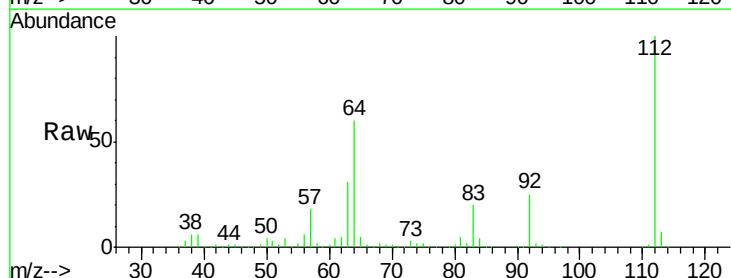
Tgt Ion:112 Resp: 634086

Ion Ratio Lower Upper

112 100

64 60.2 45.4 68.2

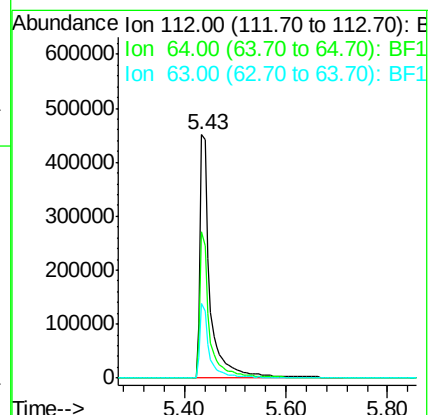
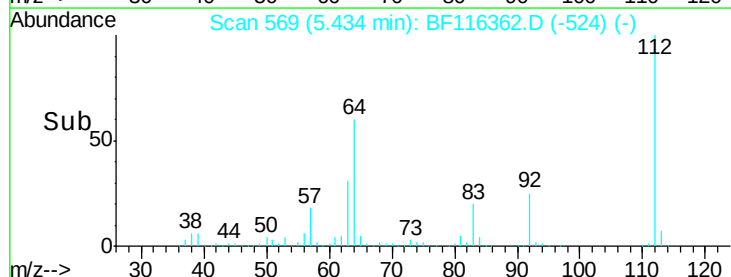
63 30.7 23.7 35.5

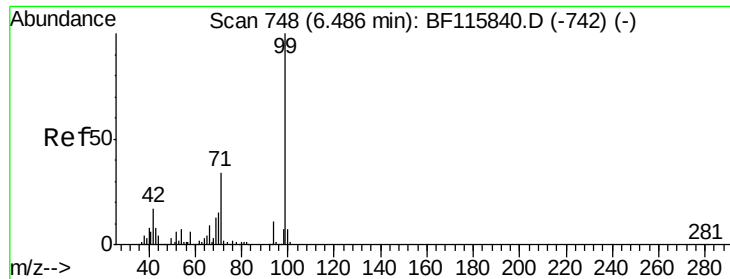


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.860 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Instrument :

BNA_F

ClientSampleId :

N-WALL-0

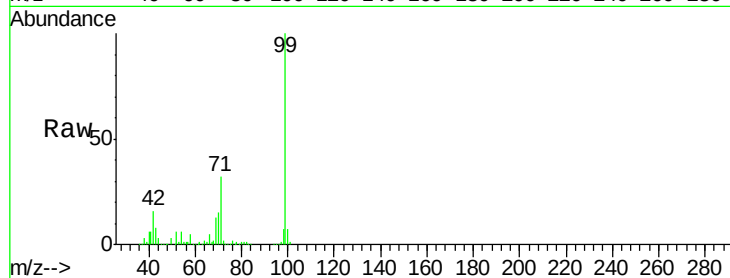
Tot Ion: 99 Resp: 823760

Ion Ratio Lower Upper

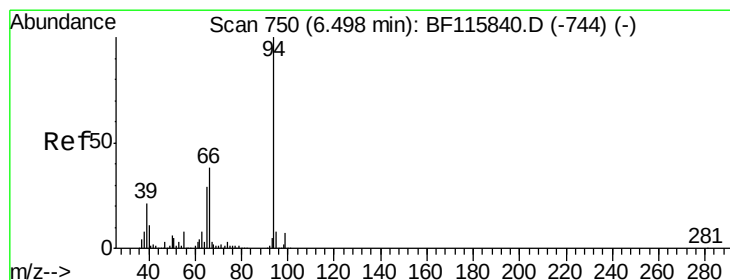
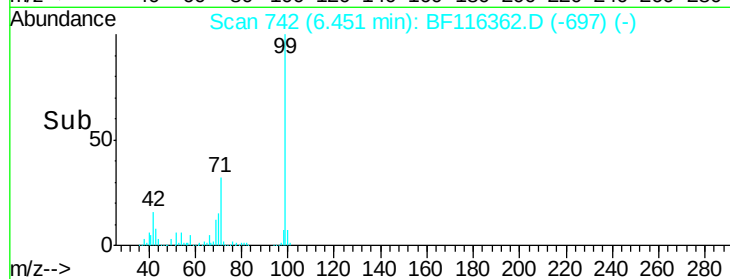
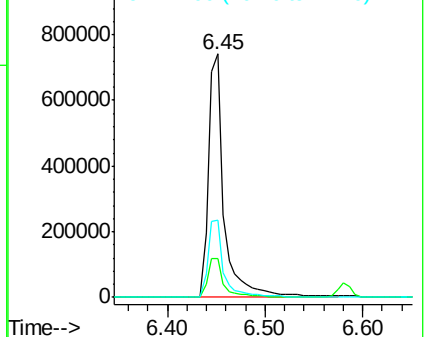
99 100

42 15.7 13.8 20.8

71 31.8 27.3 40.9



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: 3.163 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

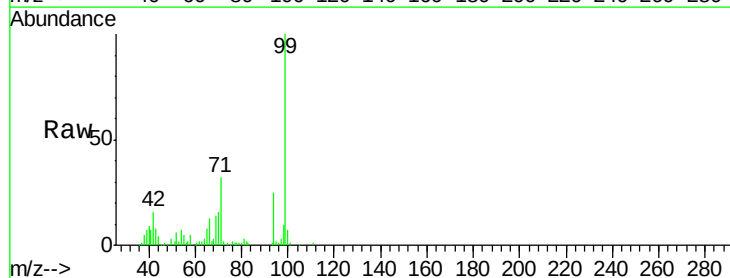
Tgt Ion: 94 Resp: 42108

Ion Ratio Lower Upper

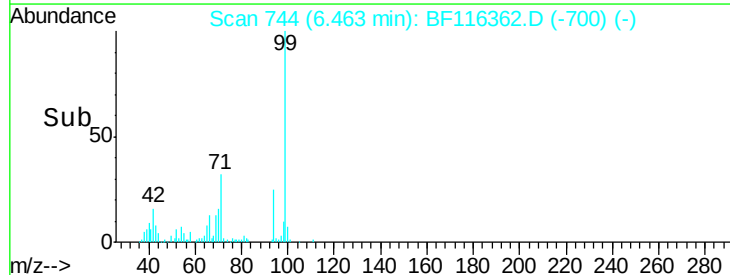
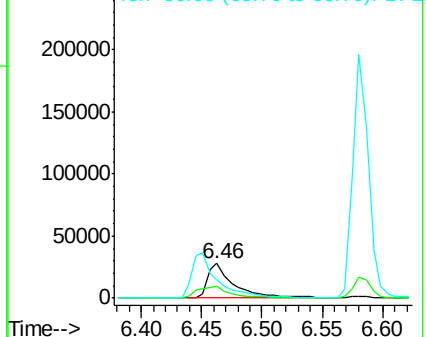
94 100

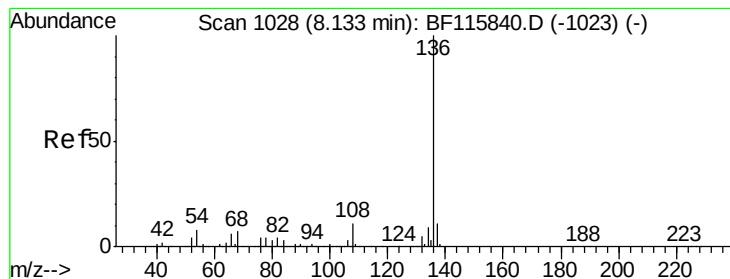
65 32.8 16.8 56.8

66 52.1 34.2 74.2



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: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Instrument :

BNA_F

ClientSampleId :

N-WALL-0

Tot Ion:136 Resp: 591240

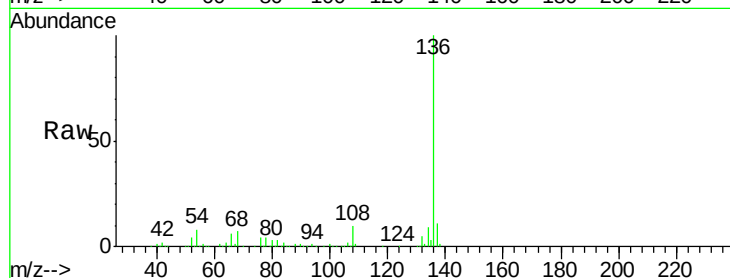
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.6 5.8 8.6

68 6.8 5.2 7.8

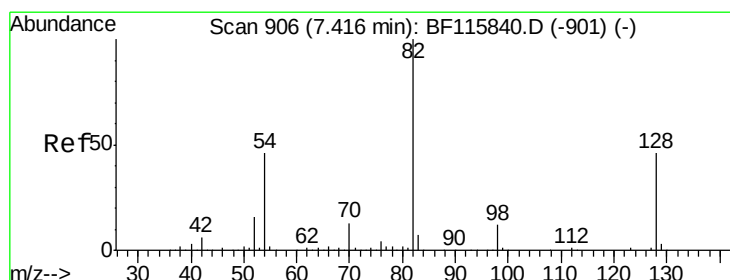
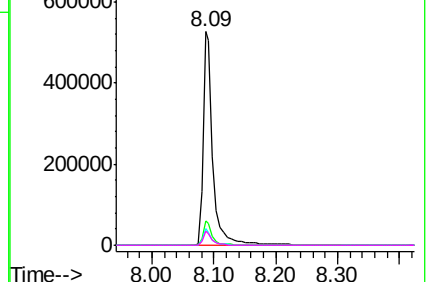
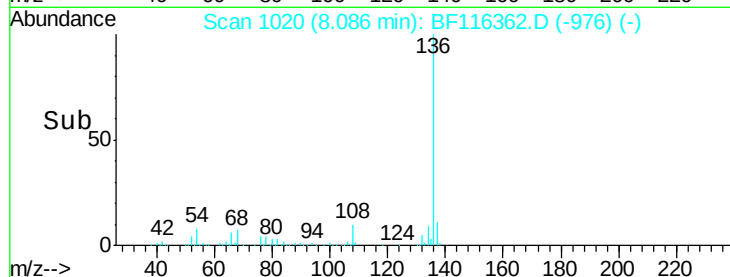


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.997 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

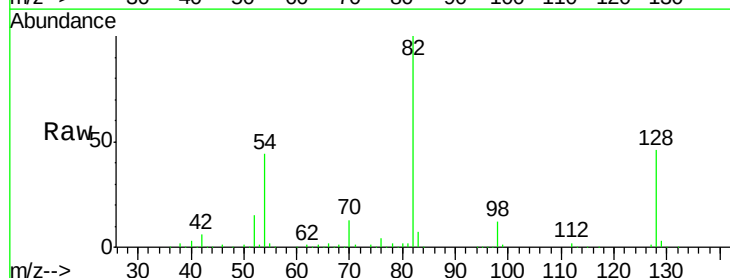
Tgt Ion: 82 Resp: 522345

Ion Ratio Lower Upper

82 100

128 46.1 36.5 54.7

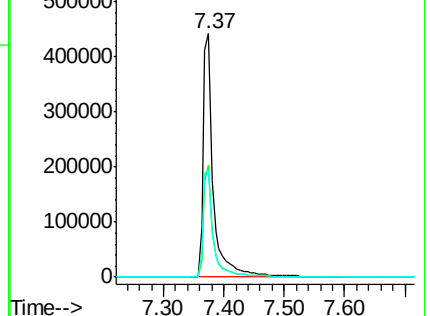
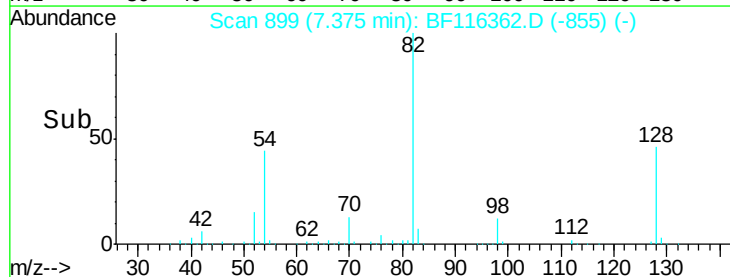
54 44.0 36.0 54.0

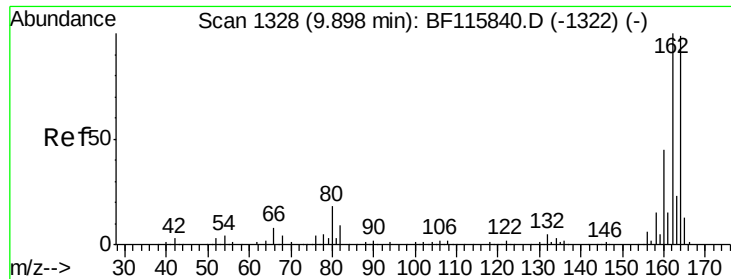


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Instrument :

BNA_F

ClientSampleId :

N-WALL-0

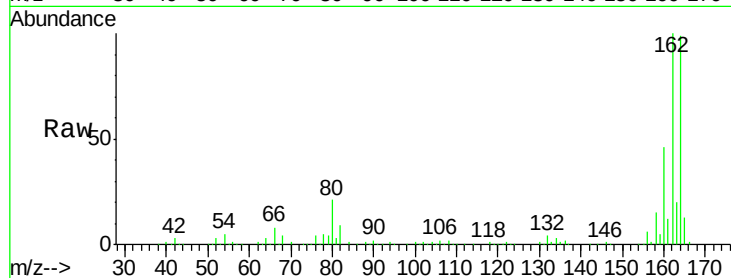
Tot Ion:164 Resp: 311294

Ion Ratio Lower Upper

164 100

162 101.5 82.6 124.0

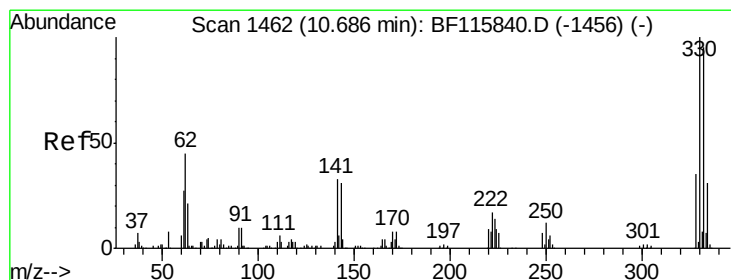
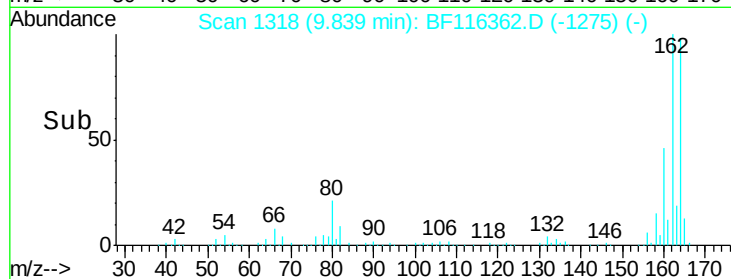
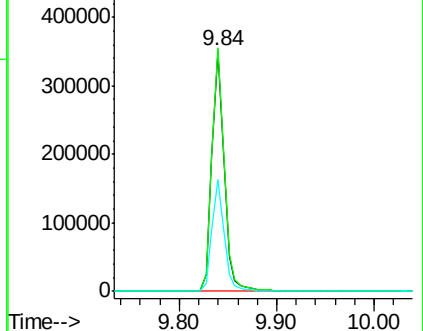
160 46.3 37.6 56.4



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: 66.251 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

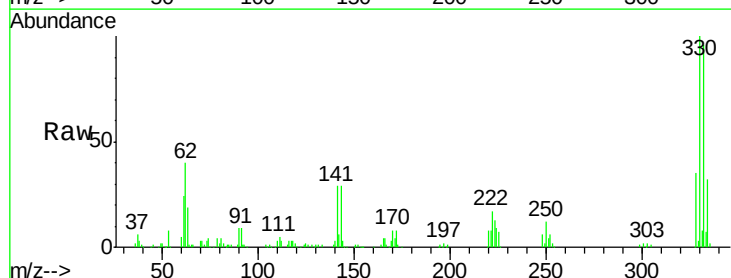
Tgt Ion:330 Resp: 199952

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

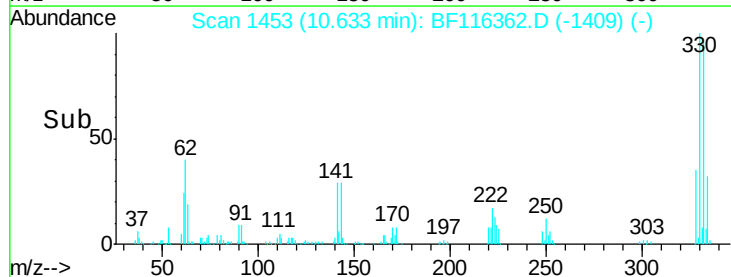
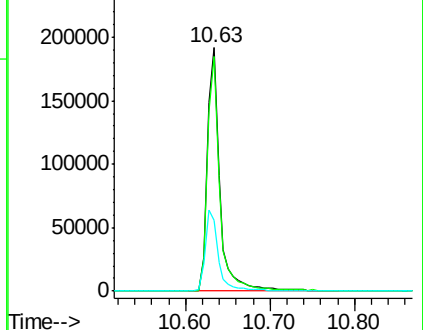
141 34.8 26.3 39.5

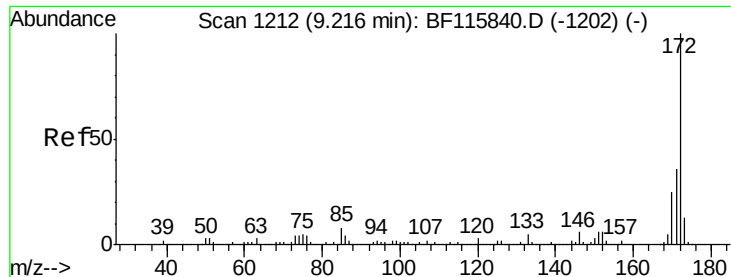


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

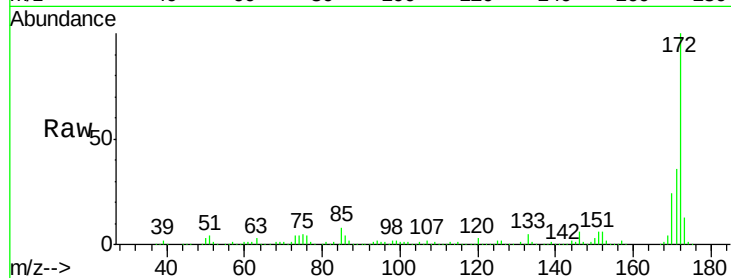




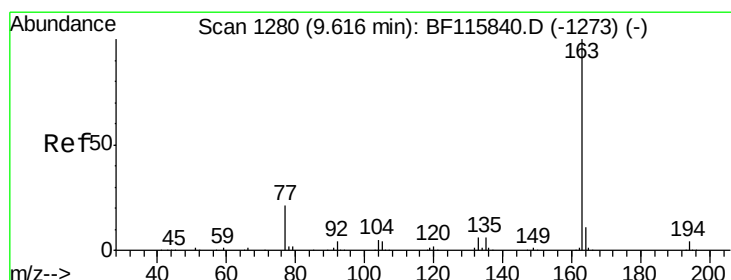
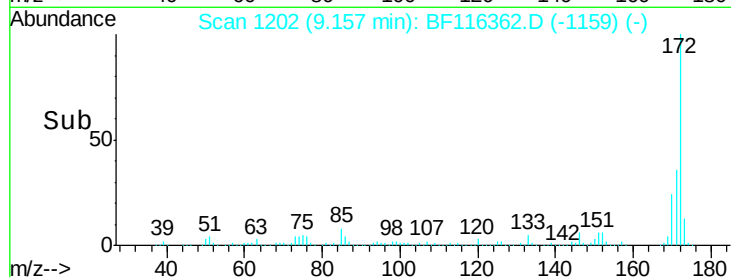
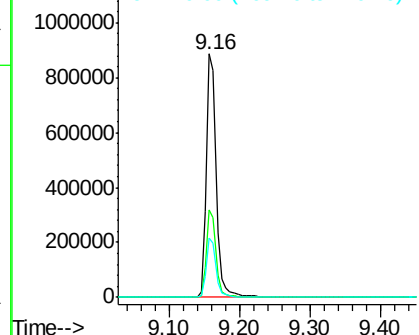
#45
2-Fluorobiphenyl
Concen: 52.794 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Instrument :
BNA_F
ClientSampleId :
N-WALL-0

Tot Ion:172 Resp: 877401
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.3 20.1 30.1

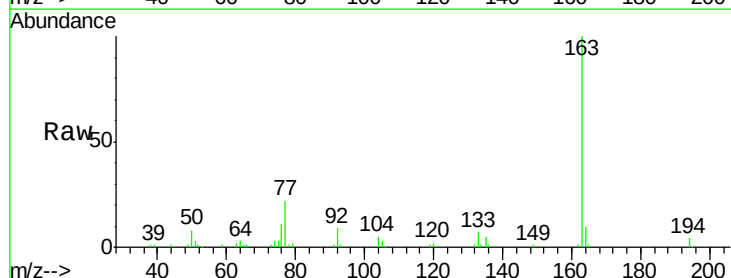


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

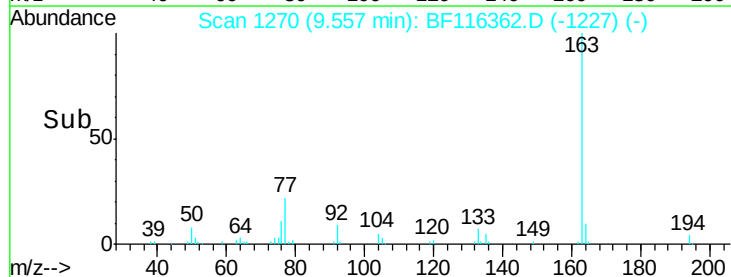
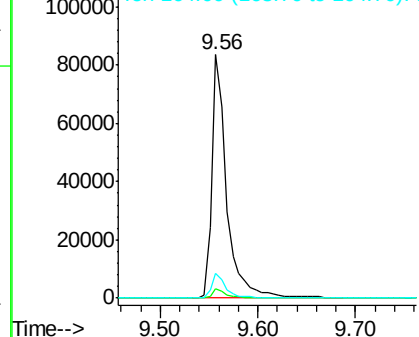


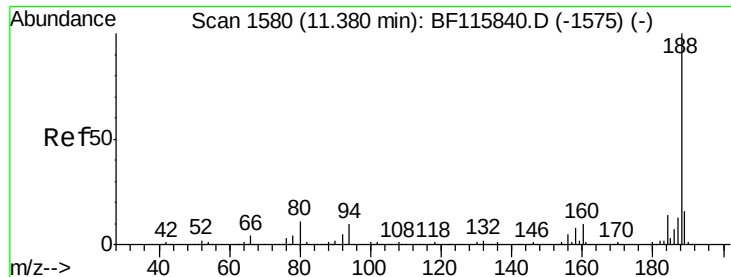
#50
Dimethylphthalate
Concen: 4.157 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tgt Ion:163 Resp: 88110
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.4 12.6



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

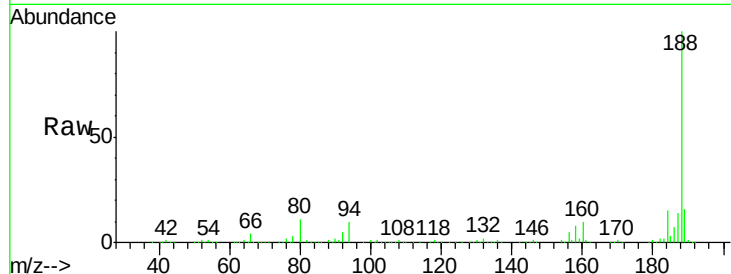




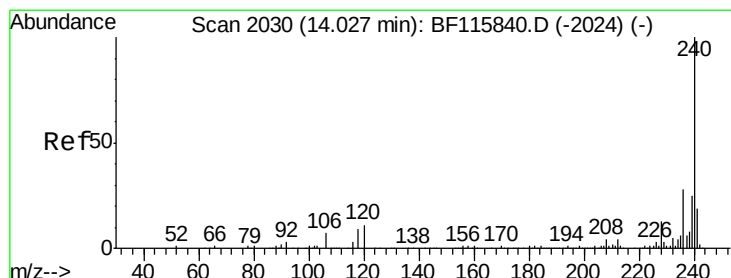
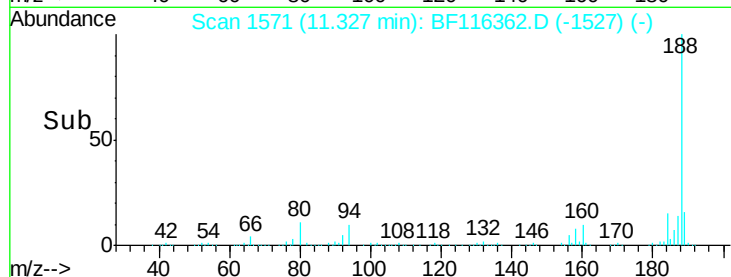
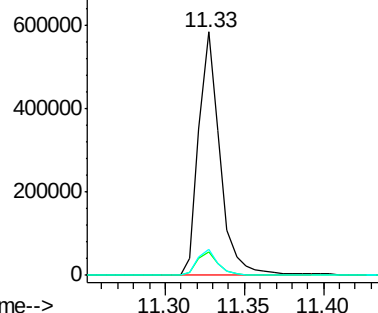
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Instrument :
BNA_F
ClientSampleId :
N-WALL-0

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.9	8.7	13.1

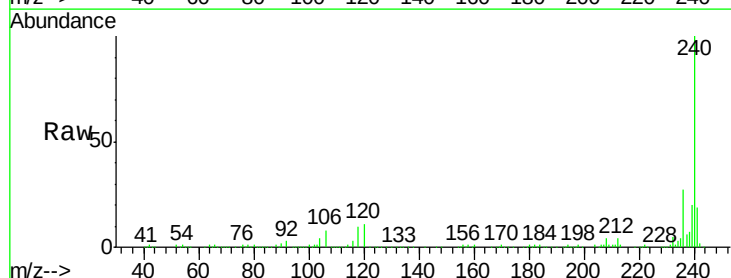


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

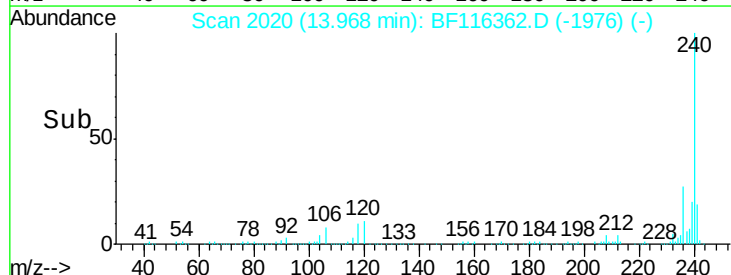
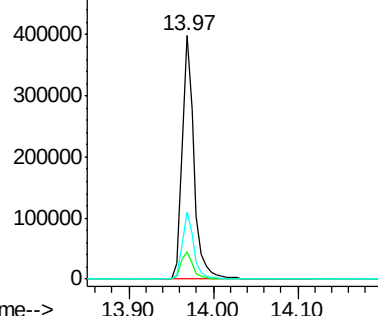


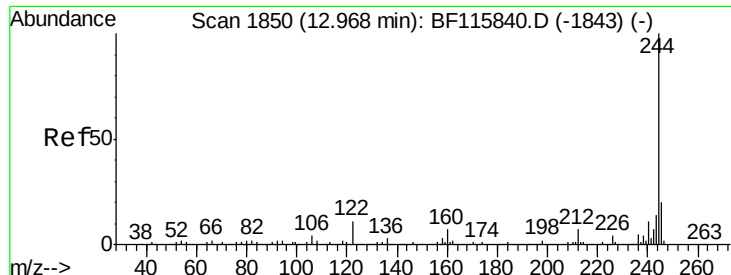
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.7	16.1
236	27.4	22.2	33.2



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: 48.776 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Instrument :

BNA_F

ClientSampleId :

N-WALL-0

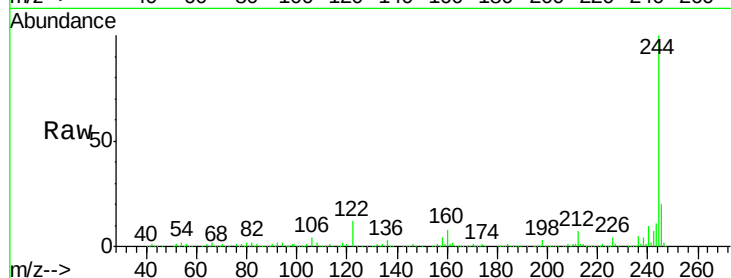
Tot Ion:244 Resp: 912423

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

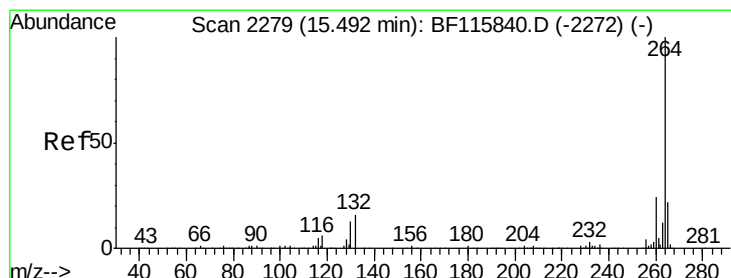
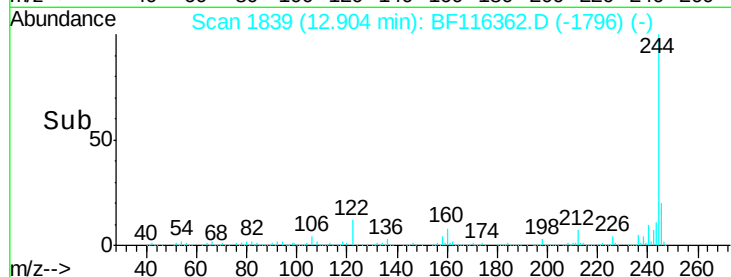
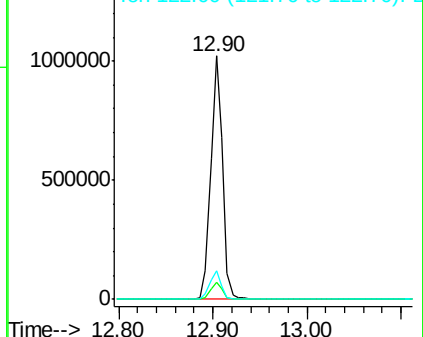
122 12.0 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

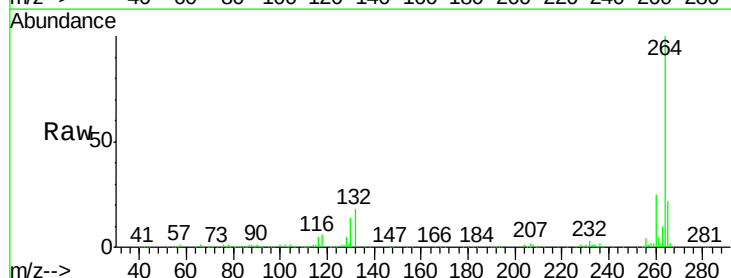
Tgt Ion:264 Resp: 368542

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.7 17.4 26.0



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

