

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118273.D
 Acq On : 18 Dec 2019 21:54
 Operator : JU
 Sample : K6357-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-05

Quant Time: Dec 19 04:03:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

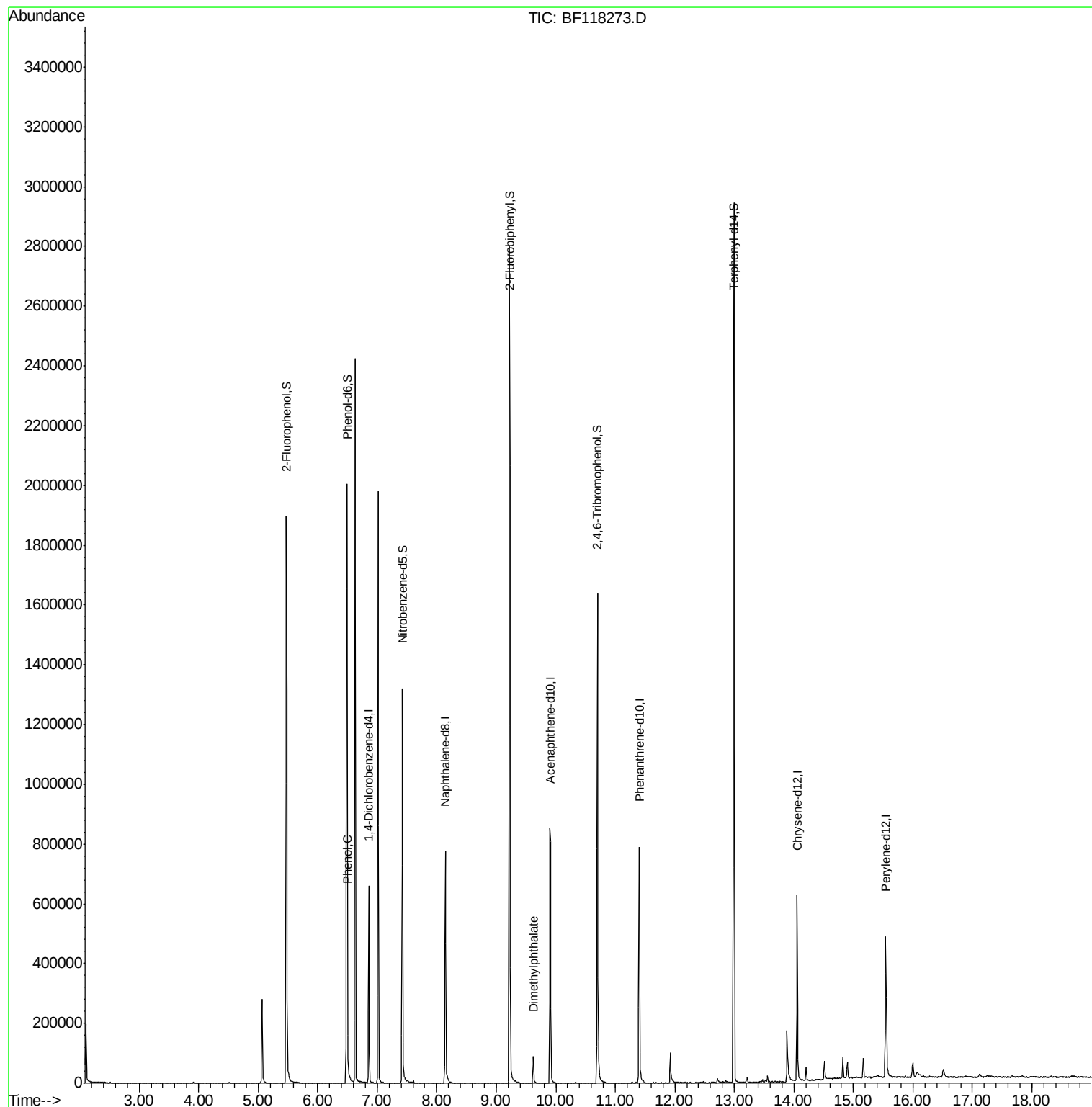
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	97891	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	377242	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	196916	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	365476	20.00	ng	0.00
76) Chrysene-d12	14.05	240	233813	20.00	ng	-0.02
87) Perylene-d12	15.54	264	240084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	541404	96.87	ng	0.00
7) Phenol-d6	6.49	99	686704	101.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	408580	60.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	220072	92.00	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	869603	67.20	ng	-0.02
79) Terphenyl-d14	12.99	244	976831	71.84	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	16806	2.180	ng	95
50) Dimethylphthalate	9.62	163	47776	3.285	ng	100

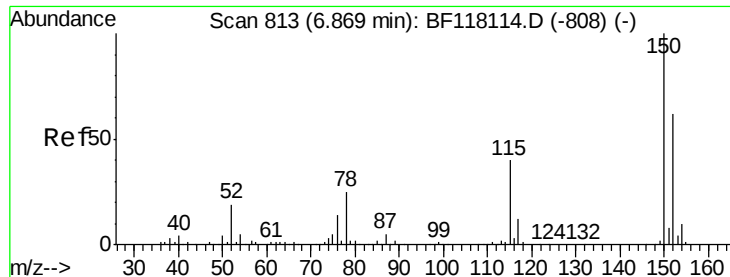
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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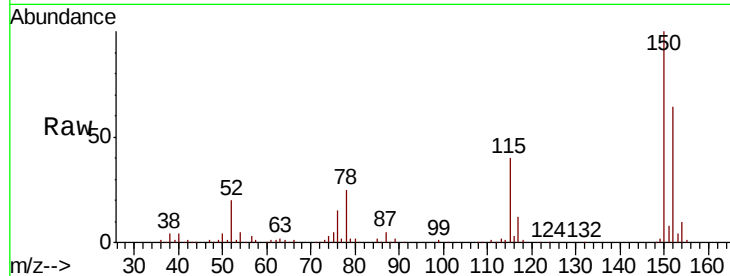


#1

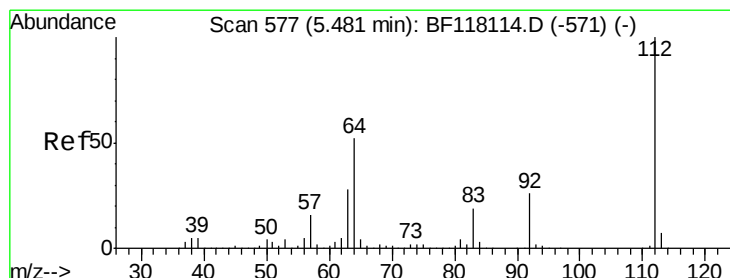
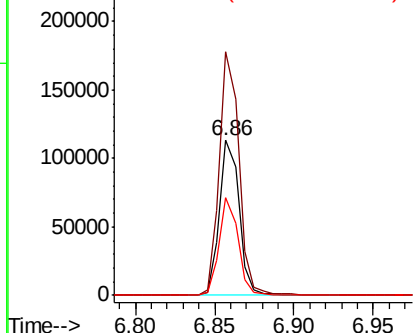
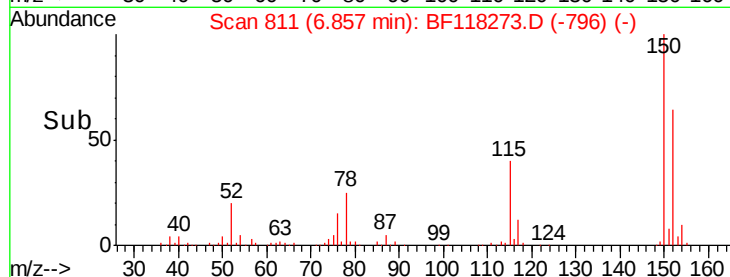
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118273.D
 Acq: 18 Dec 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-05

Tot Ion:152 Resp: 97891
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.3 192.5
 115 63.0 51.1 76.7



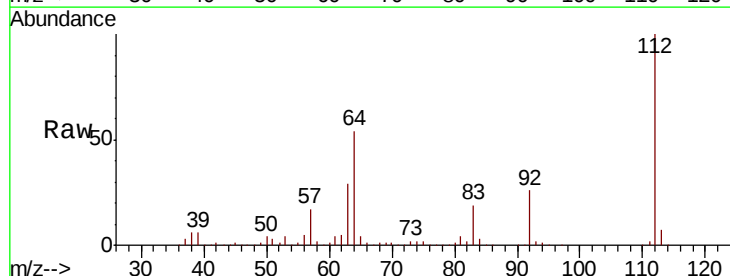
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



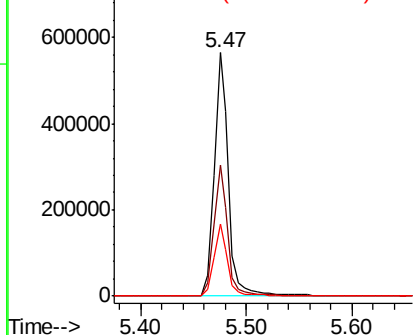
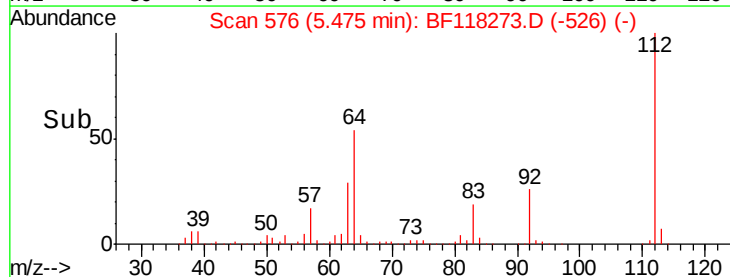
#5

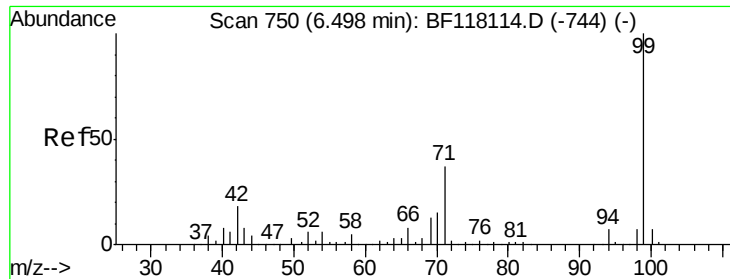
2-Fluorophenol
 Concen: 96.868 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118273.D
 Acq: 18 Dec 2019 21:54

Tgt Ion:112 Resp: 541404
 Ion Ratio Lower Upper
 112 100
 64 53.9 41.3 61.9
 63 29.4 22.4 33.6



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: 101.581 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

Instrument :

BNA_F

ClientSampled :

PF-05

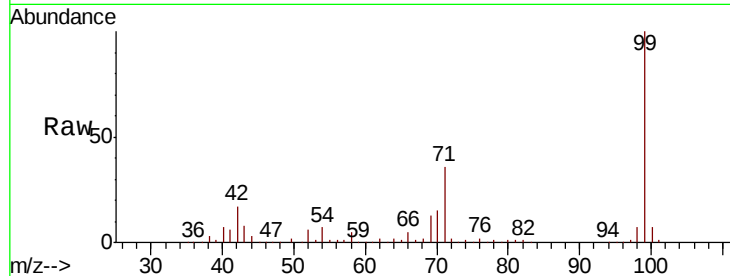
Tot Ion: 99 Resp: 686704

Ion Ratio Lower Upper

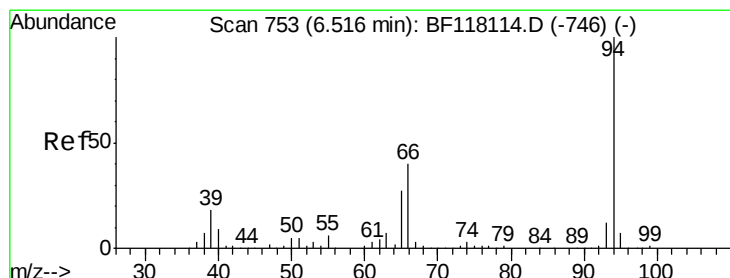
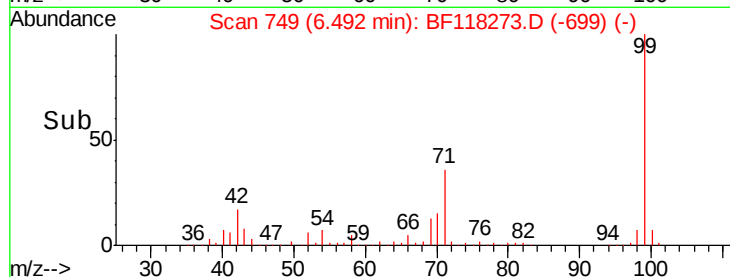
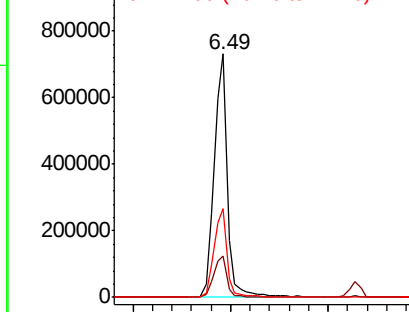
99 100

42 16.9 14.1 21.1

71 36.4 29.7 44.5



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: 2.180 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

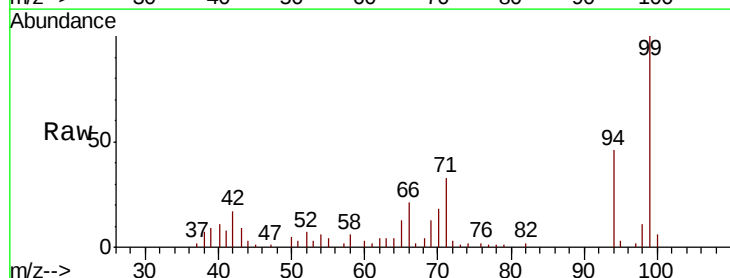
Tgt Ion: 94 Resp: 16806

Ion Ratio Lower Upper

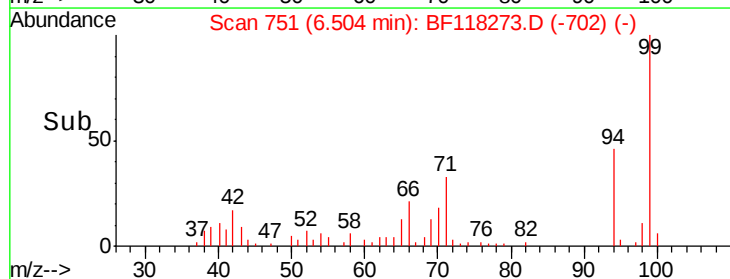
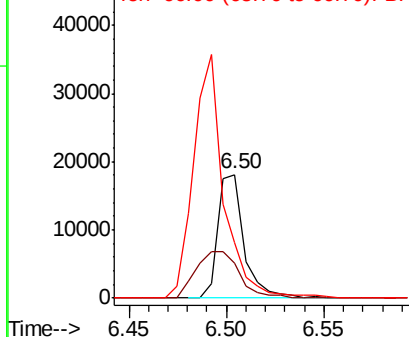
94 100

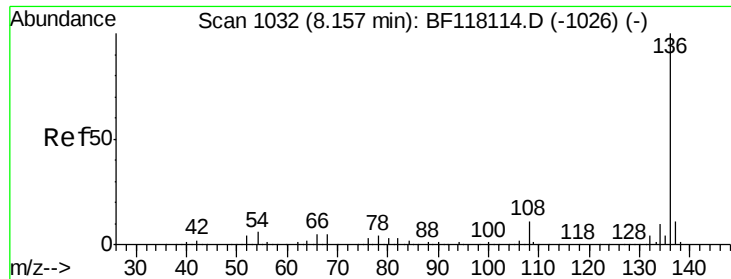
65 28.2 7.3 47.3

66 45.0 20.2 60.2



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

Instrument :

BNA_F

ClientSampleId :

PF-05

Tot Ion:136 Resp: 377242

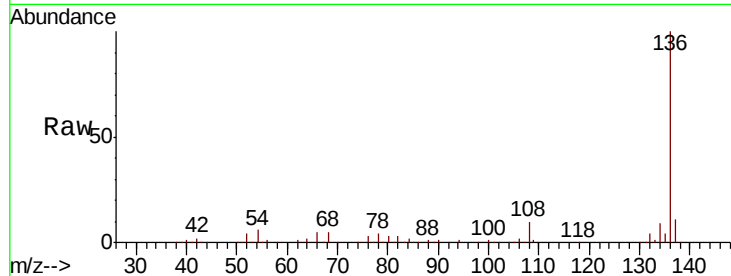
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.3 5.0 7.6

68 4.6 3.8 5.8

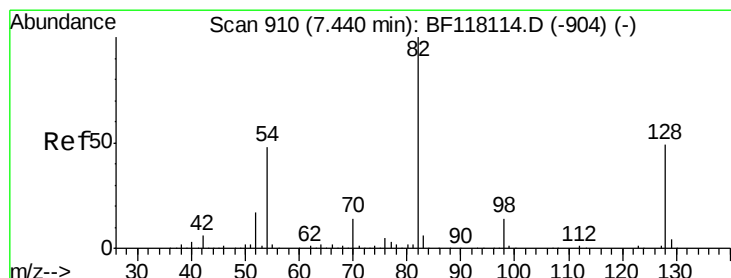
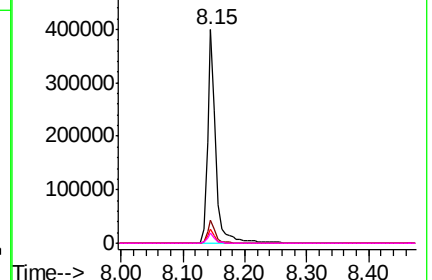
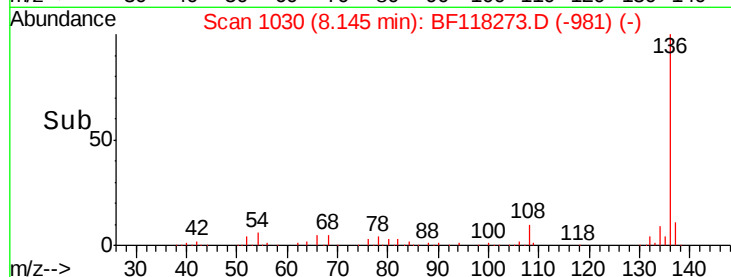


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.931 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

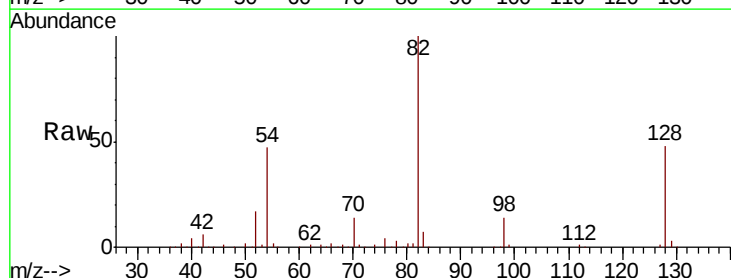
Tgt Ion: 82 Resp: 408580

Ion Ratio Lower Upper

82 100

128 47.8 39.1 58.7

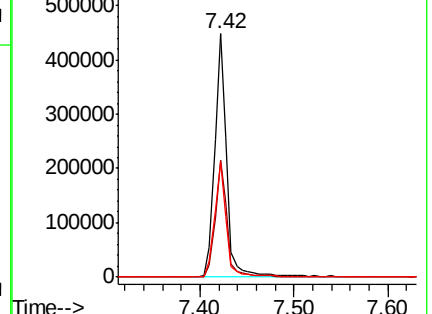
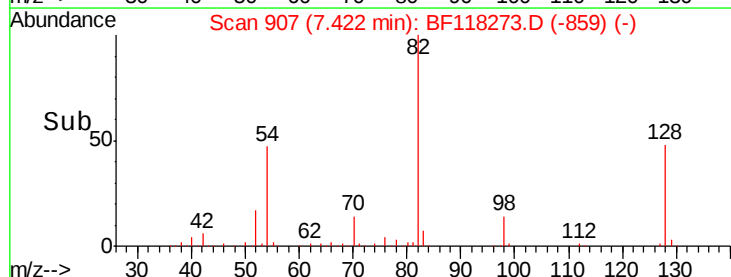
54 47.4 38.2 57.2

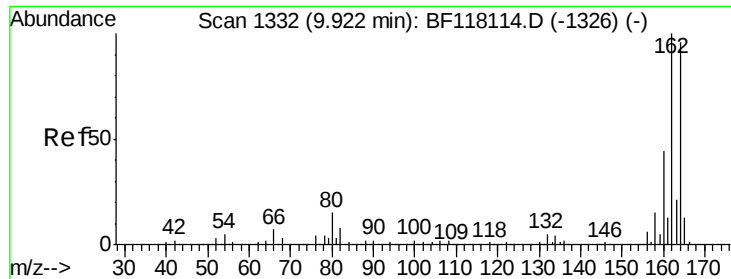


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

Instrument :

BNA_F

ClientSampleId :

PF-05

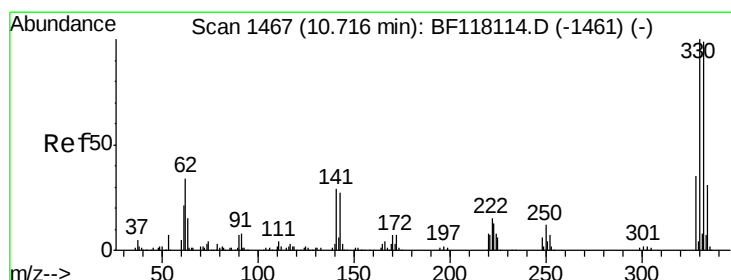
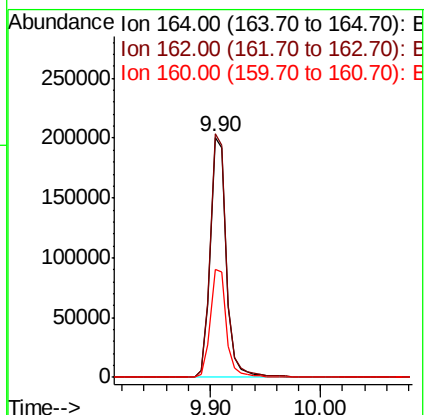
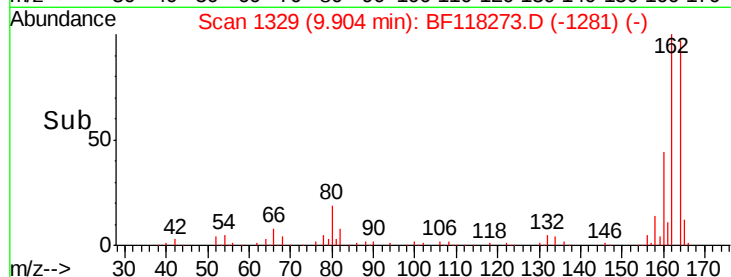
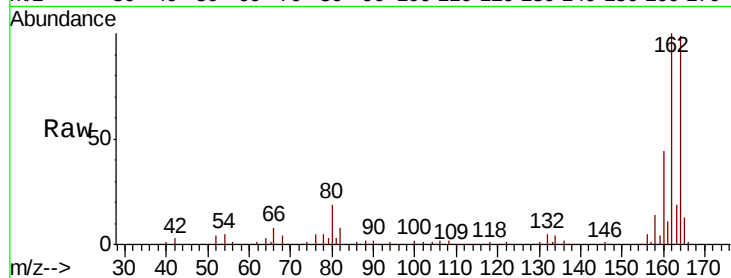
Tot Ion:164 Resp: 196916

Ion Ratio Lower Upper

164 100

162 101.3 83.4 125.0

160 44.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 91.997 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

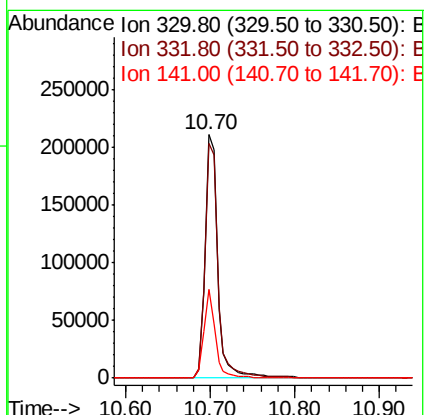
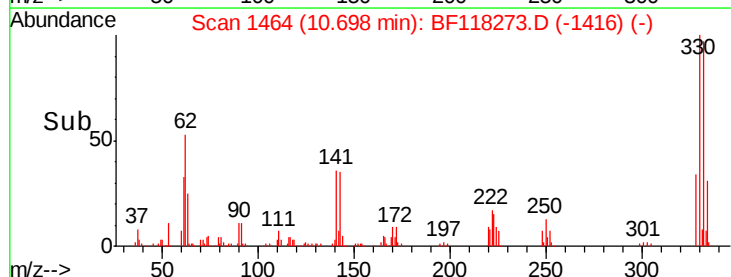
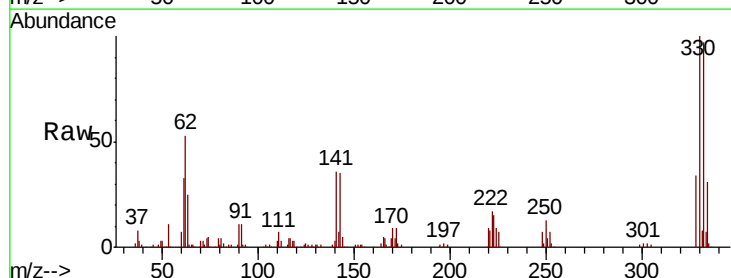
Tgt Ion:330 Resp: 220072

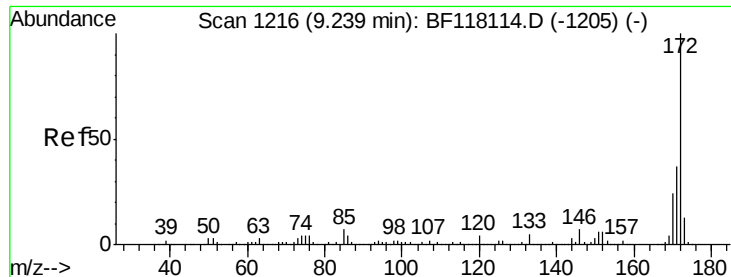
Ion Ratio Lower Upper

330 100

332 98.3 78.1 117.1

141 32.7 26.9 40.3

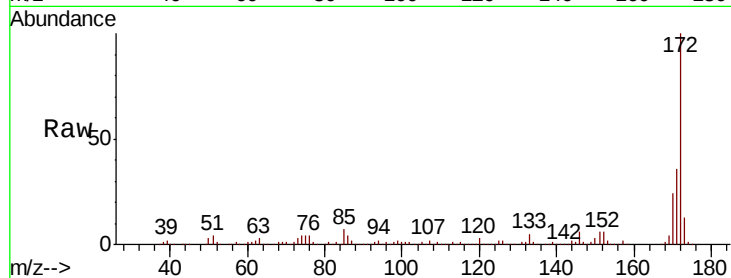




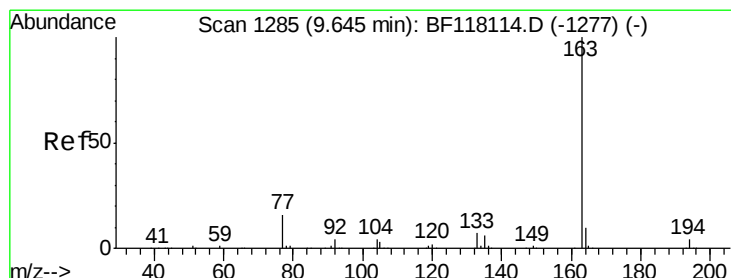
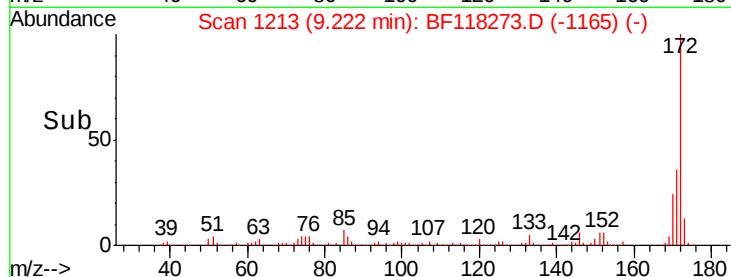
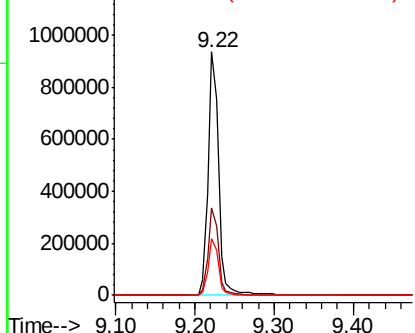
#45
 2-Fluorobiphenyl
 Concen: 67.198 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118273.D
 Acq: 18 Dec 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PF-05

Tot Ion:172 Resp: 869603
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.6 19.4 29.2

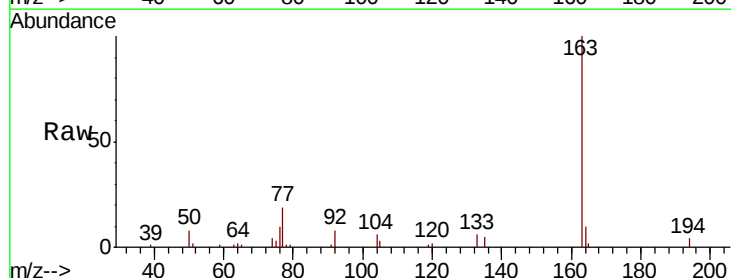


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

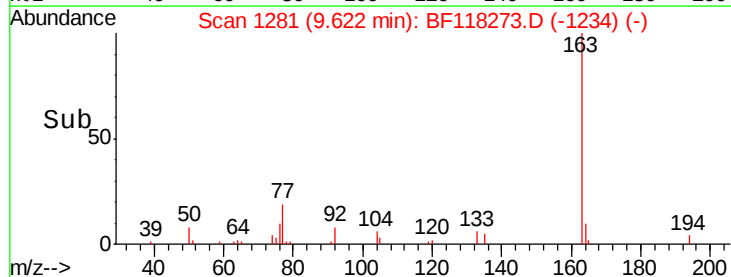
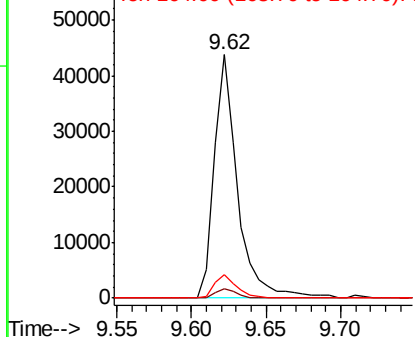


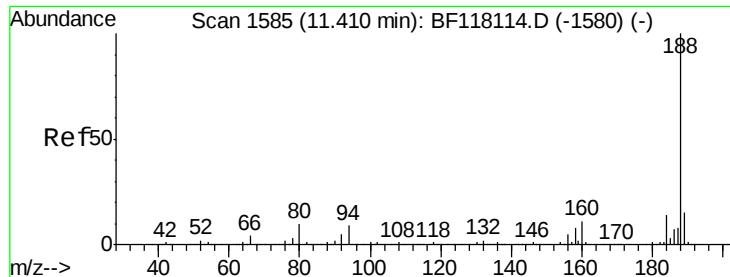
#50
 Dimethylphthalate
 Concen: 3.285 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF118273.D
 Acq: 18 Dec 2019 21:54

Tgt Ion:163 Resp: 47776
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 9.7 7.7 11.5



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

Instrument :

BNA_F

ClientSampleId :

PF-05

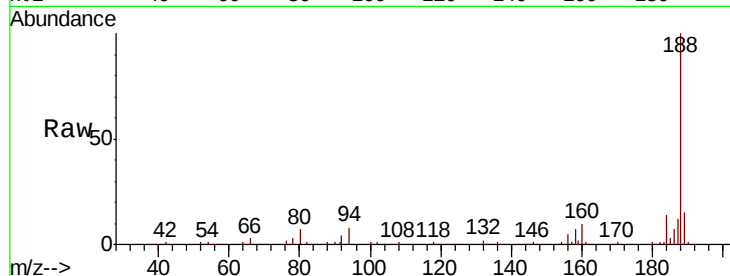
Tot Ion:188 Resp: 365476

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

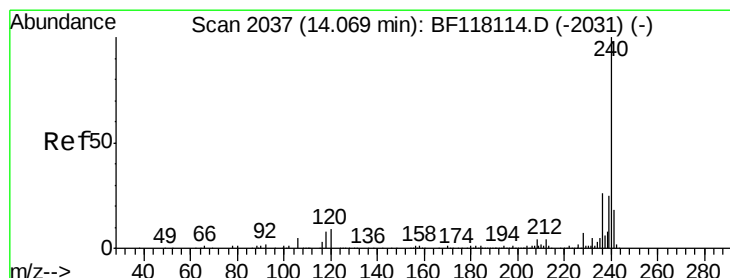
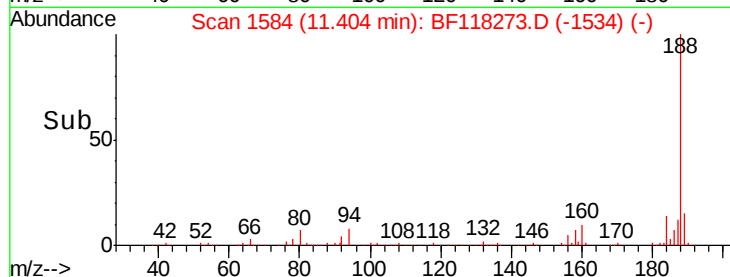
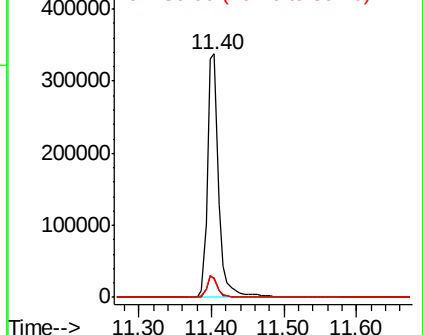
80 7.4 7.9 11.9#



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

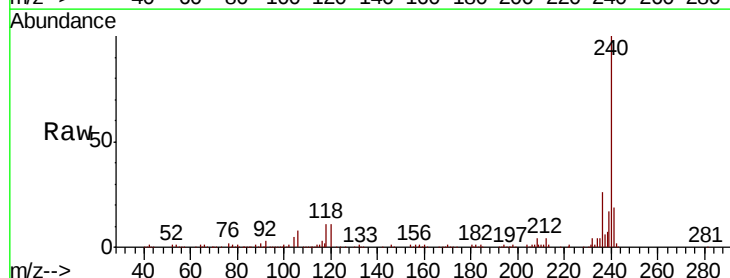
Tgt Ion:240 Resp: 233813

Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

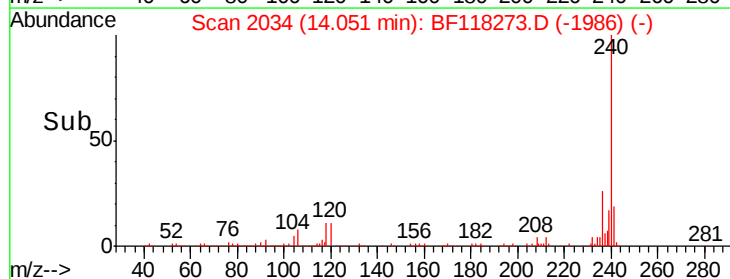
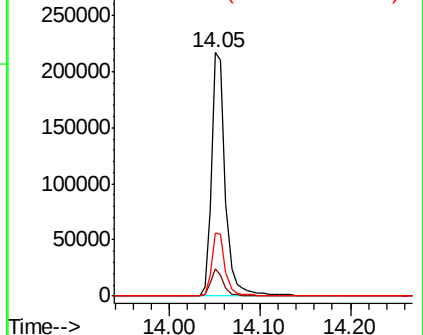
236 25.7 21.0 31.6

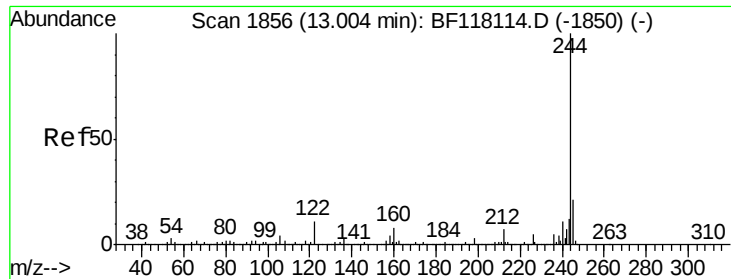


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.843 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

Instrument :

BNA_F

ClientSampleId :

PF-05

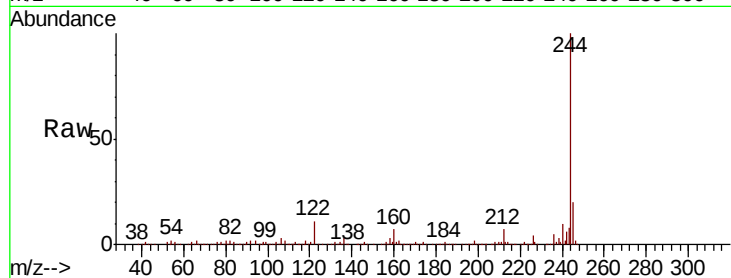
Tot Ion:244 Resp: 976831

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

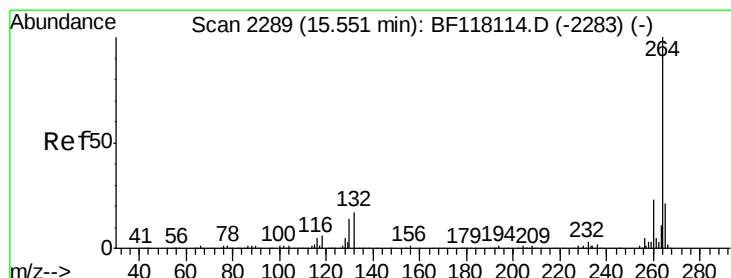
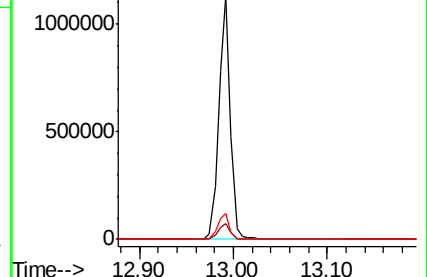
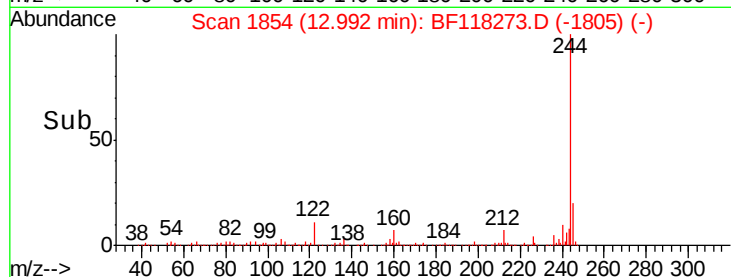
122 10.9 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118273.D

Acq: 18 Dec 2019 21:54

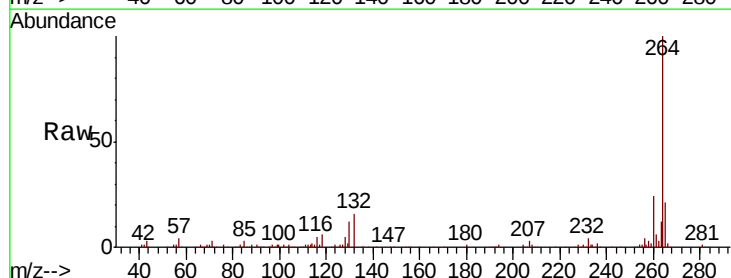
Tgt Ion:264 Resp: 240084

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 20.6 16.8 25.2



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

