

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118218.D
 Acq On : 17 Dec 2019 1:22
 Operator : JU
 Sample : K6110-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-121219

Quant Time: Dec 17 04:48:00 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

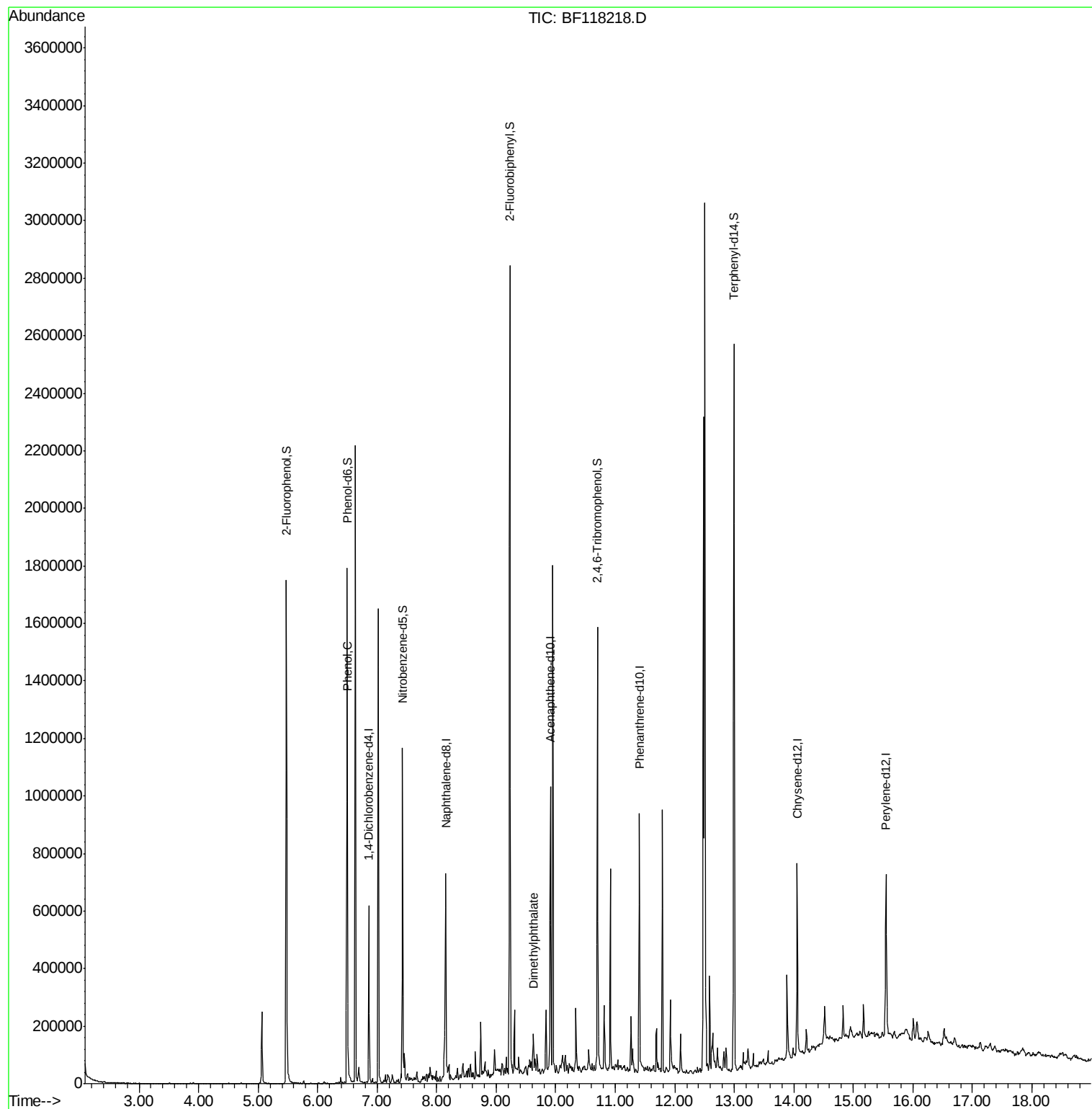
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87087	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	339872	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	179318	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	317111	20.00	ng	0.00
76) Chrysene-d12	14.06	240	231547	20.00	ng	-0.01
87) Perylene-d12	15.54	264	269736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	486732	97.89	ng	0.00
7) Phenol-d6	6.49	99	620586	103.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	364015	60.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	199057	91.38	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	788255	66.89	ng	-0.01
79) Terphenyl-d14	12.99	244	825222	61.29	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	16584	2.418	ng	78
50) Dimethylphthalate	9.62	163	29657	2.239	ng	99

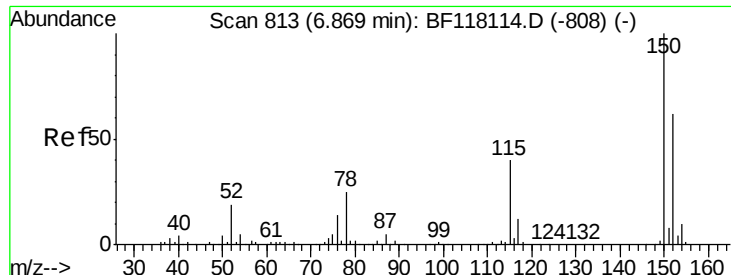
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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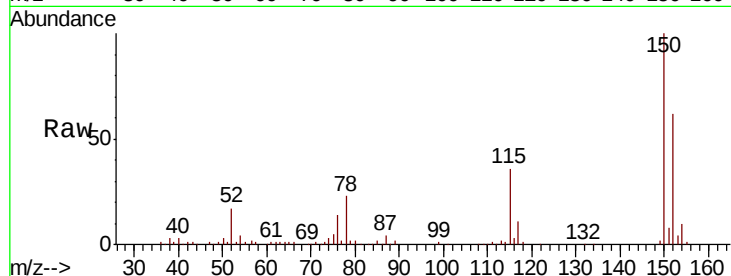


#1

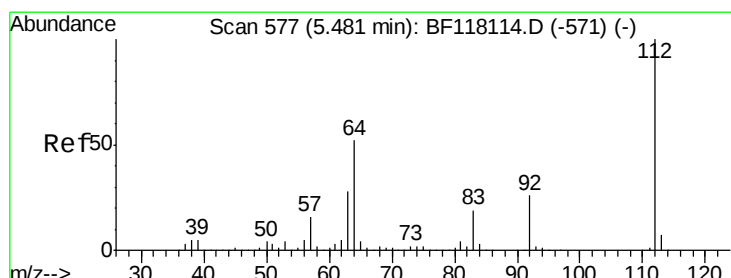
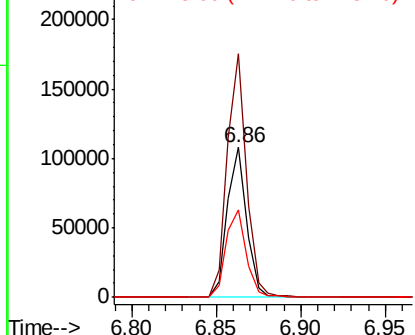
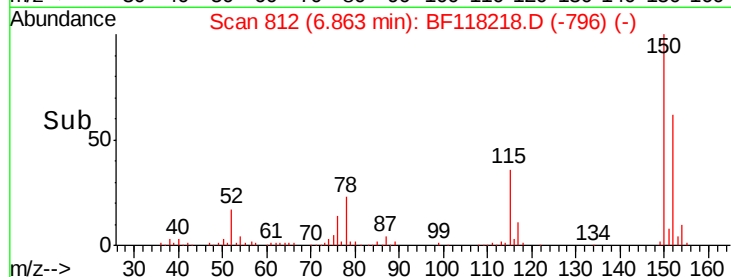
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :
HD-02-121219

Tot Ion:152 Resp: 87087
Ion Ratio Lower Upper
152 100
150 162.2 128.3 192.5
115 58.4 51.1 76.7



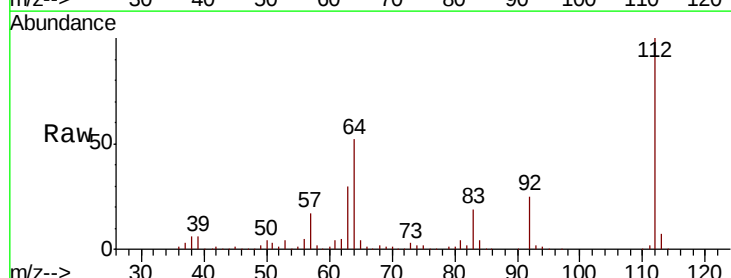
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



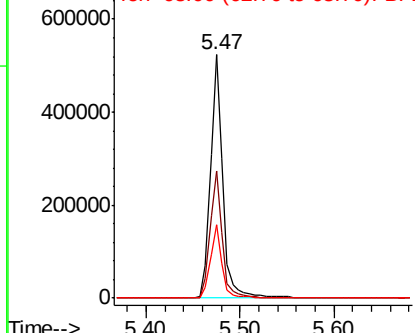
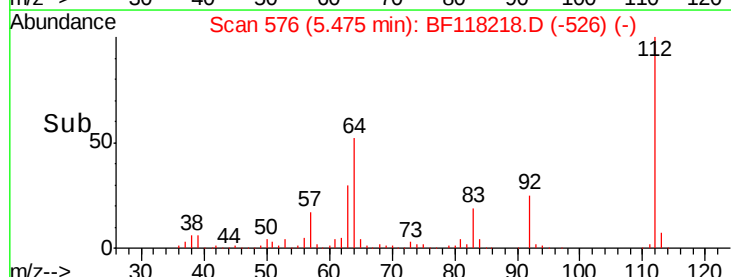
#5

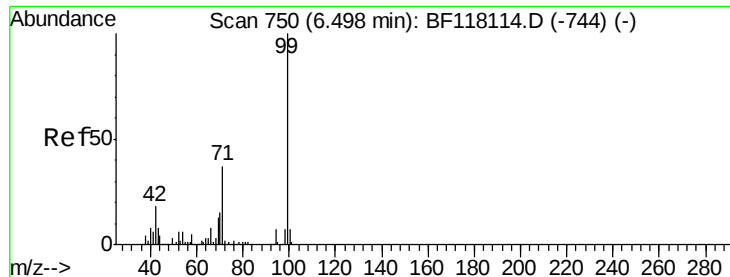
2-Fluorophenol
Concen: 97.890 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion:112 Resp: 486732
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 29.9 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: 103.189 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

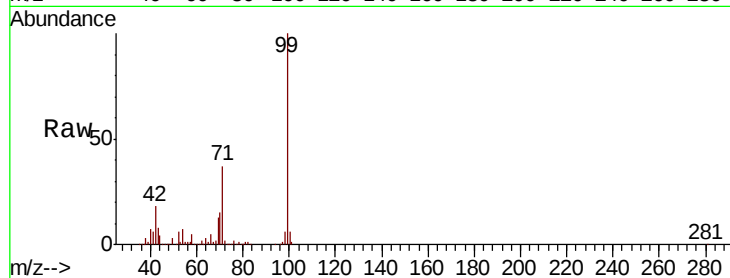
Tot Ion: 99 Resp: 620586

Ion Ratio Lower Upper

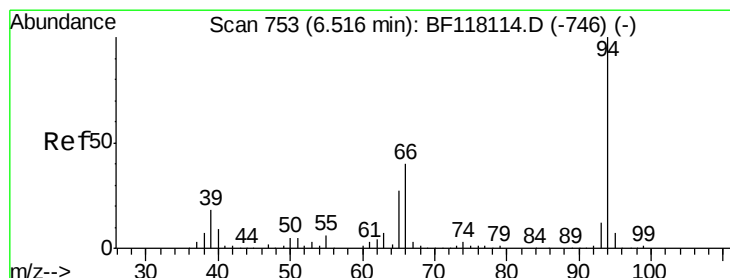
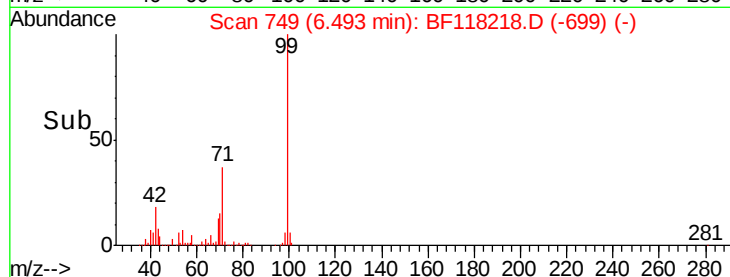
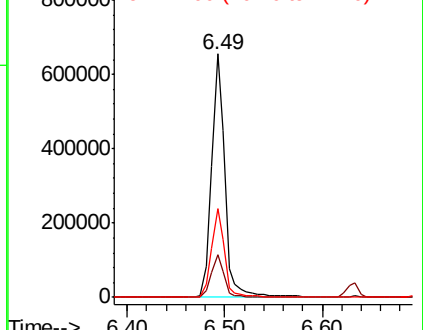
99 100

42 17.5 14.1 21.1

71 36.6 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: 2.418 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

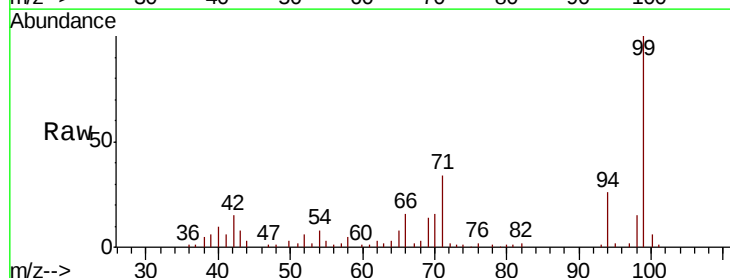
Tgt Ion: 94 Resp: 16584

Ion Ratio Lower Upper

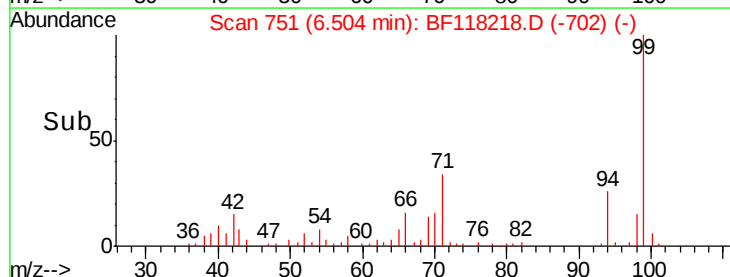
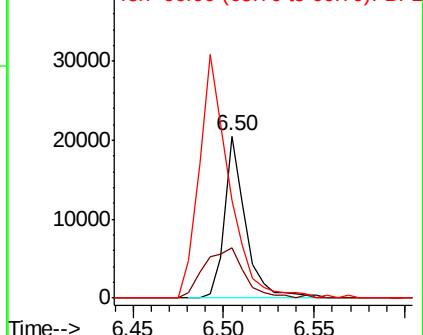
94 100

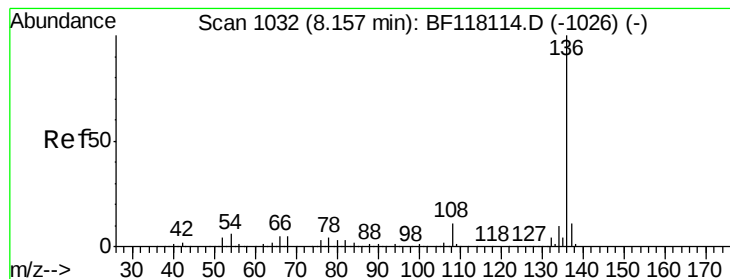
65 31.2 7.3 47.3

66 59.9 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# 1031

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

Tot Ion:136 Resp: 339872

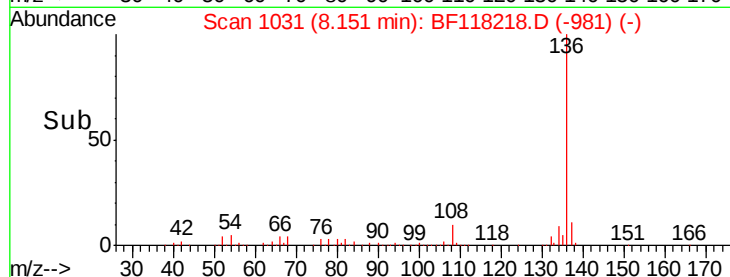
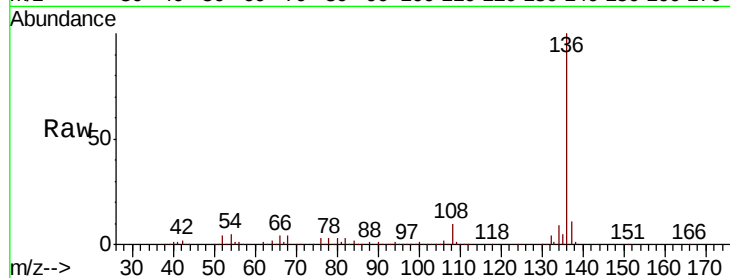
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.2 5.0 7.6

68 4.2 3.8 5.8

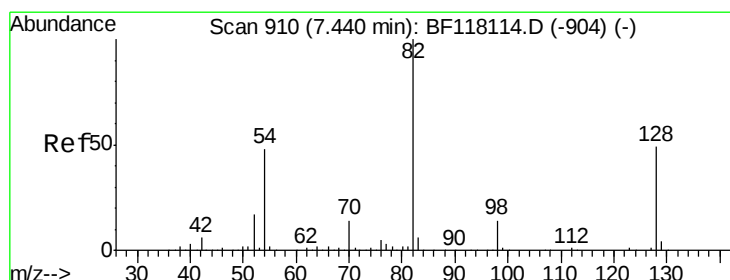
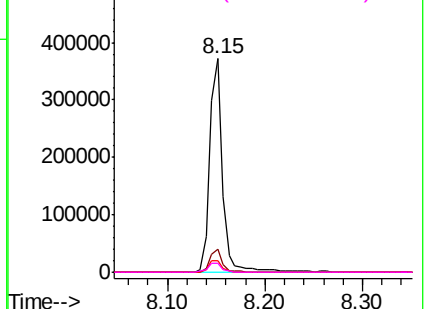


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.254 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

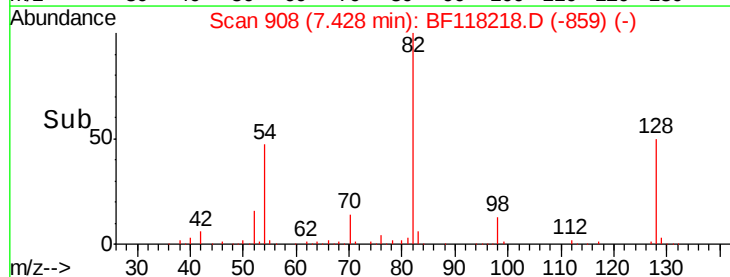
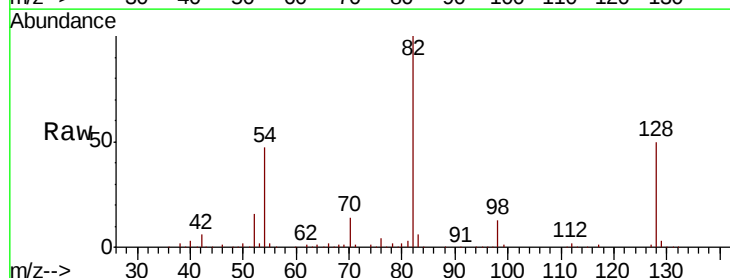
Tgt Ion: 82 Resp: 364015

Ion Ratio Lower Upper

82 100

128 49.8 39.1 58.7

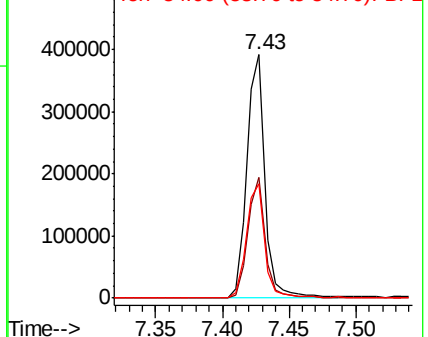
54 47.1 38.2 57.2

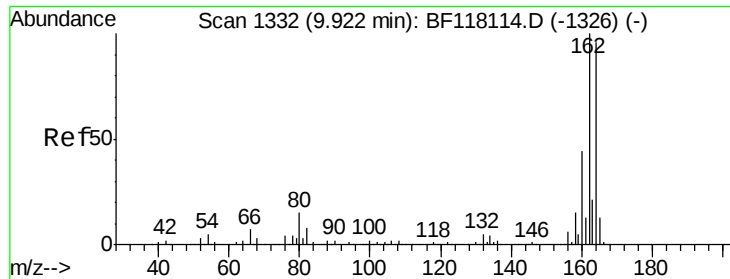


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

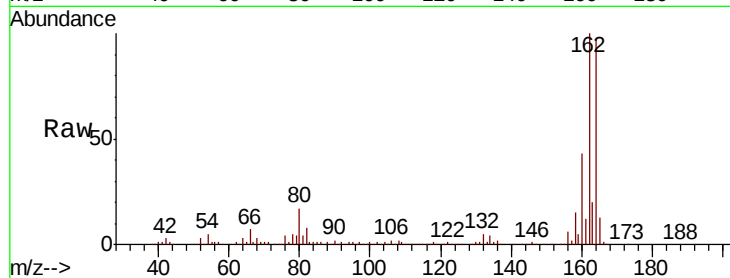




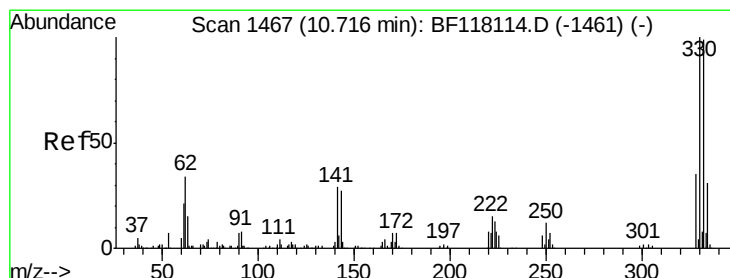
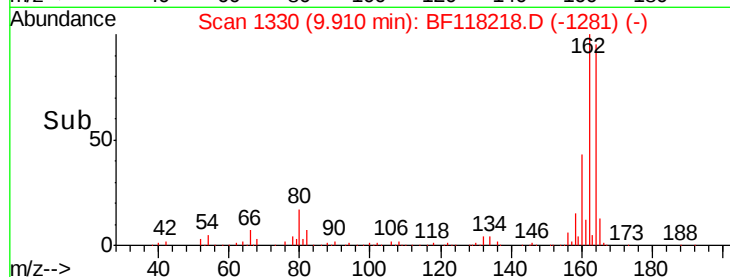
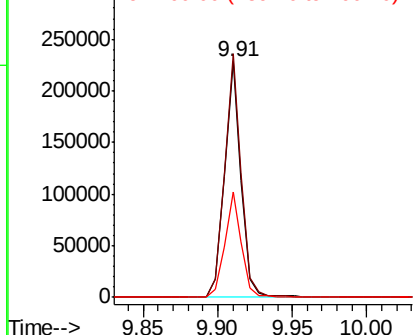
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118218.D
 Acq: 17 Dec 2019 1:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-121219

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.0
160	44.6	36.6	54.8

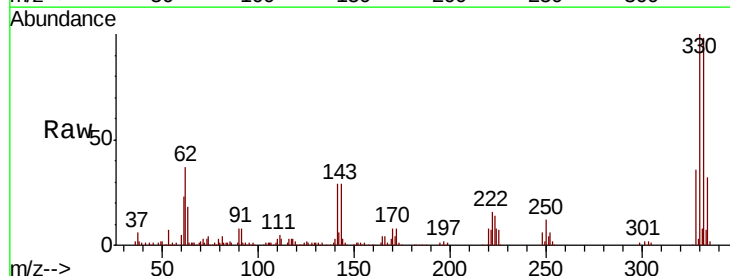


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

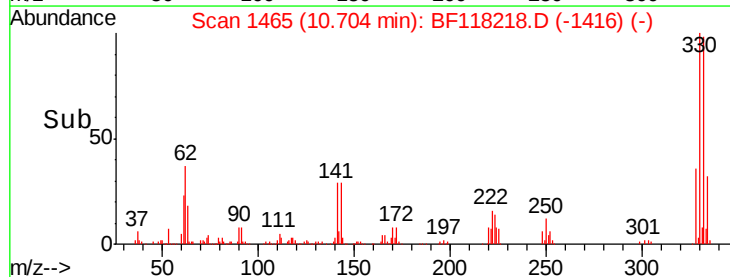
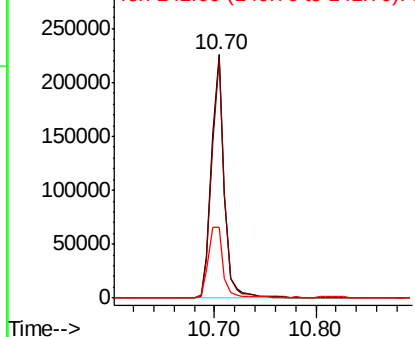


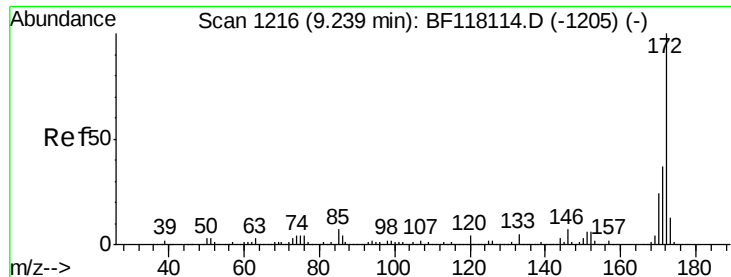
#42
 2,4,6-Tribromophenol
 Concen: 91.378 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118218.D
 Acq: 17 Dec 2019 1:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	33.7	26.9	40.3



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

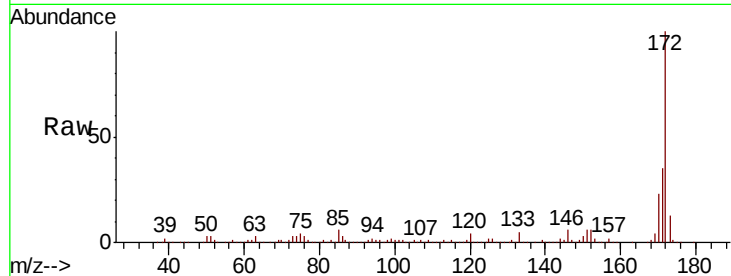




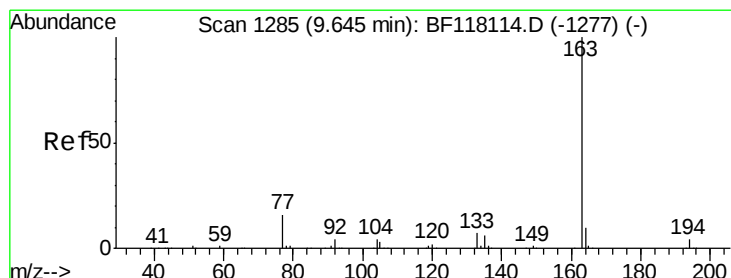
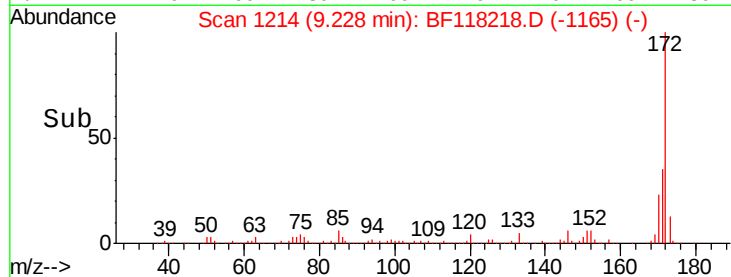
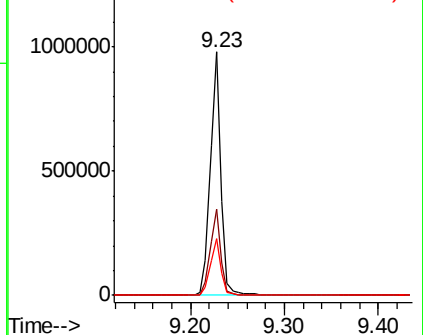
#45
2-Fluorobiphenyl
Concen: 66.889 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :
HD-02-121219

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.1	19.4	29.2

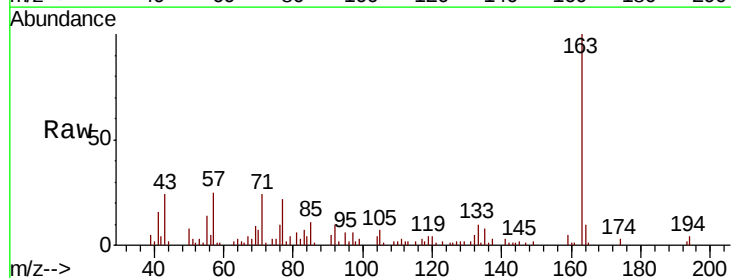


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

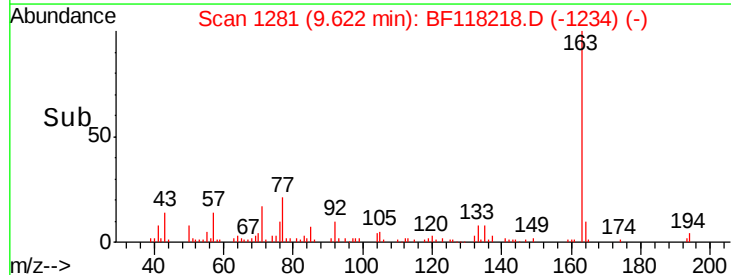
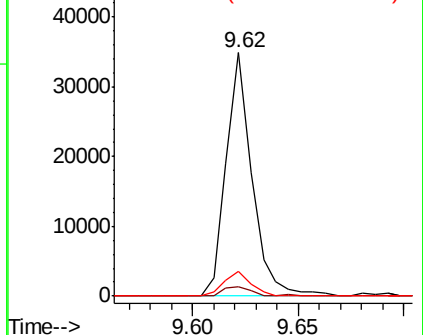


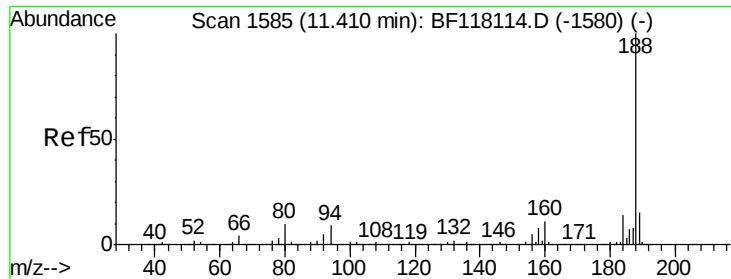
#50
Dimethylphthalate
Concen: 2.239 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	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

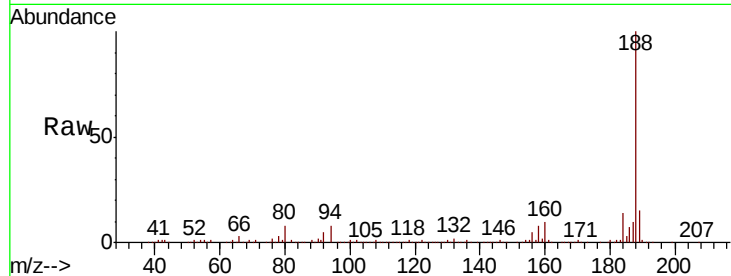




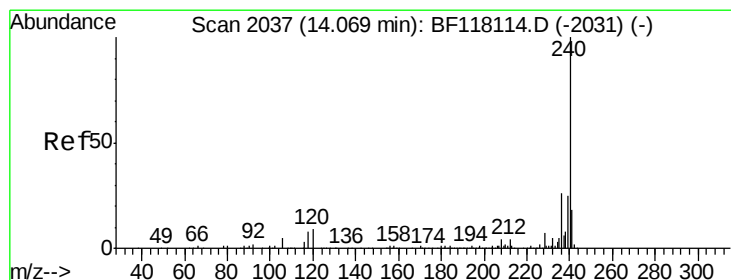
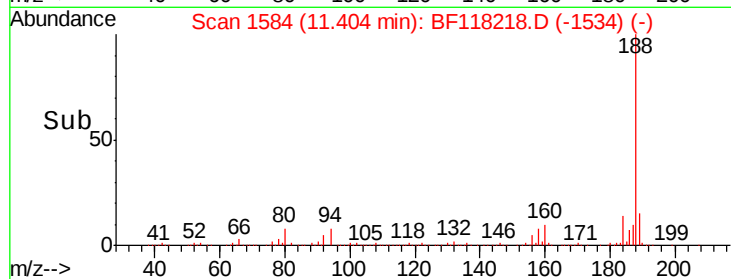
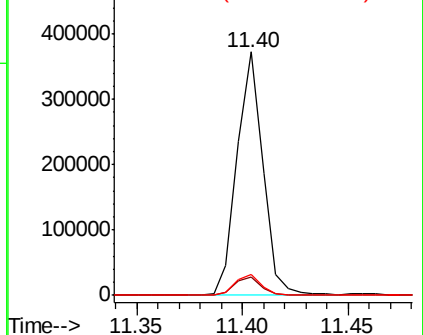
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :
HD-02-121219

Tot Ion:188 Resp: 317111
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.3 7.9 11.9

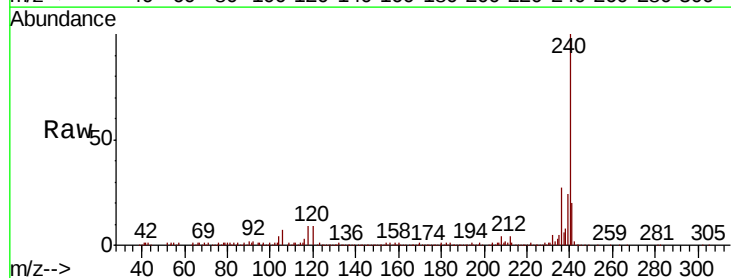


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

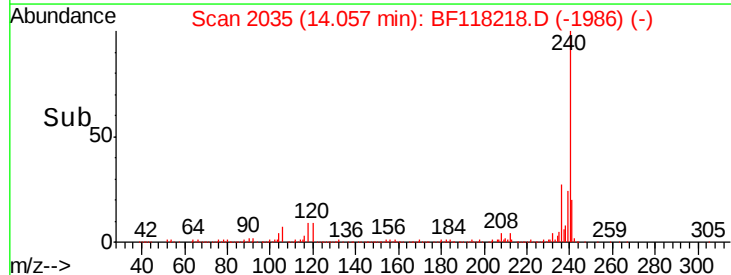
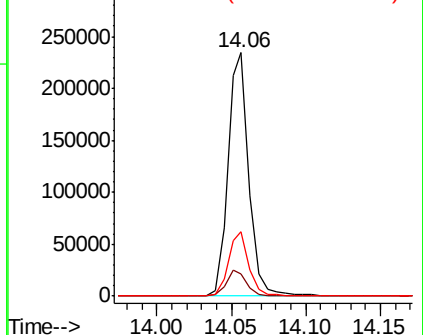


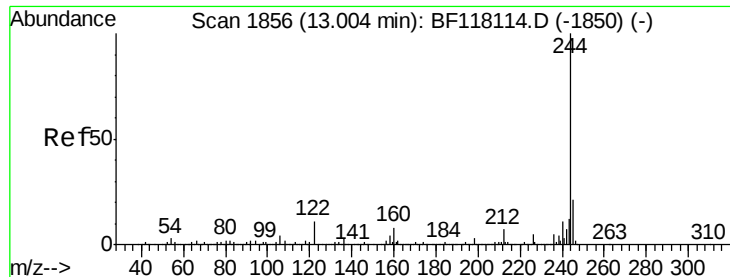
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion:240 Resp: 231547
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 26.5 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: 61.287 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

Instrument :

BNA_F

ClientSampleId :

HD-02-121219

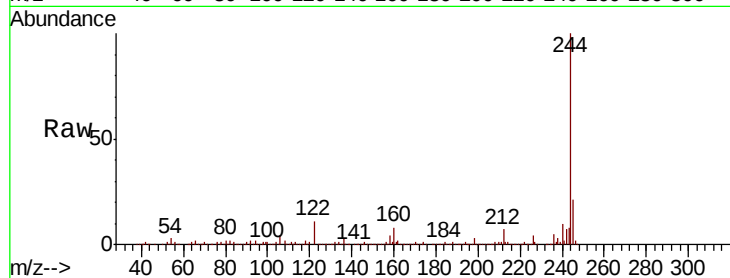
Tot Ion:244 Resp: 825222

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

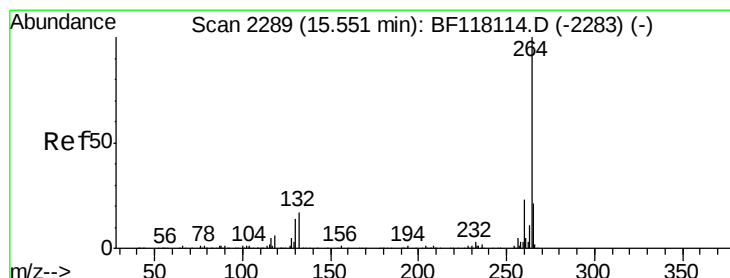
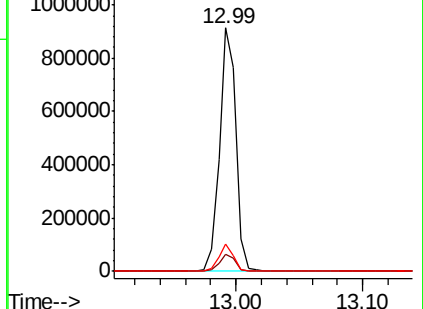
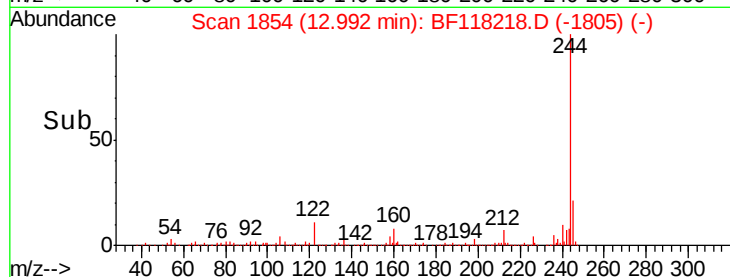
122 11.4 9.0 13.6



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: BF118218.D

Acq: 17 Dec 2019 1:22

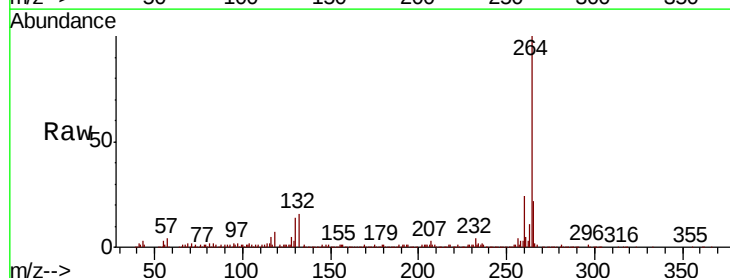
Tgt Ion:264 Resp: 269736

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 22.1 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

