

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118376.D
 Acq On : 28 Dec 2019 20:21
 Operator : JU
 Sample : K6439-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF003-01

Quant Time: Dec 29 07:54:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

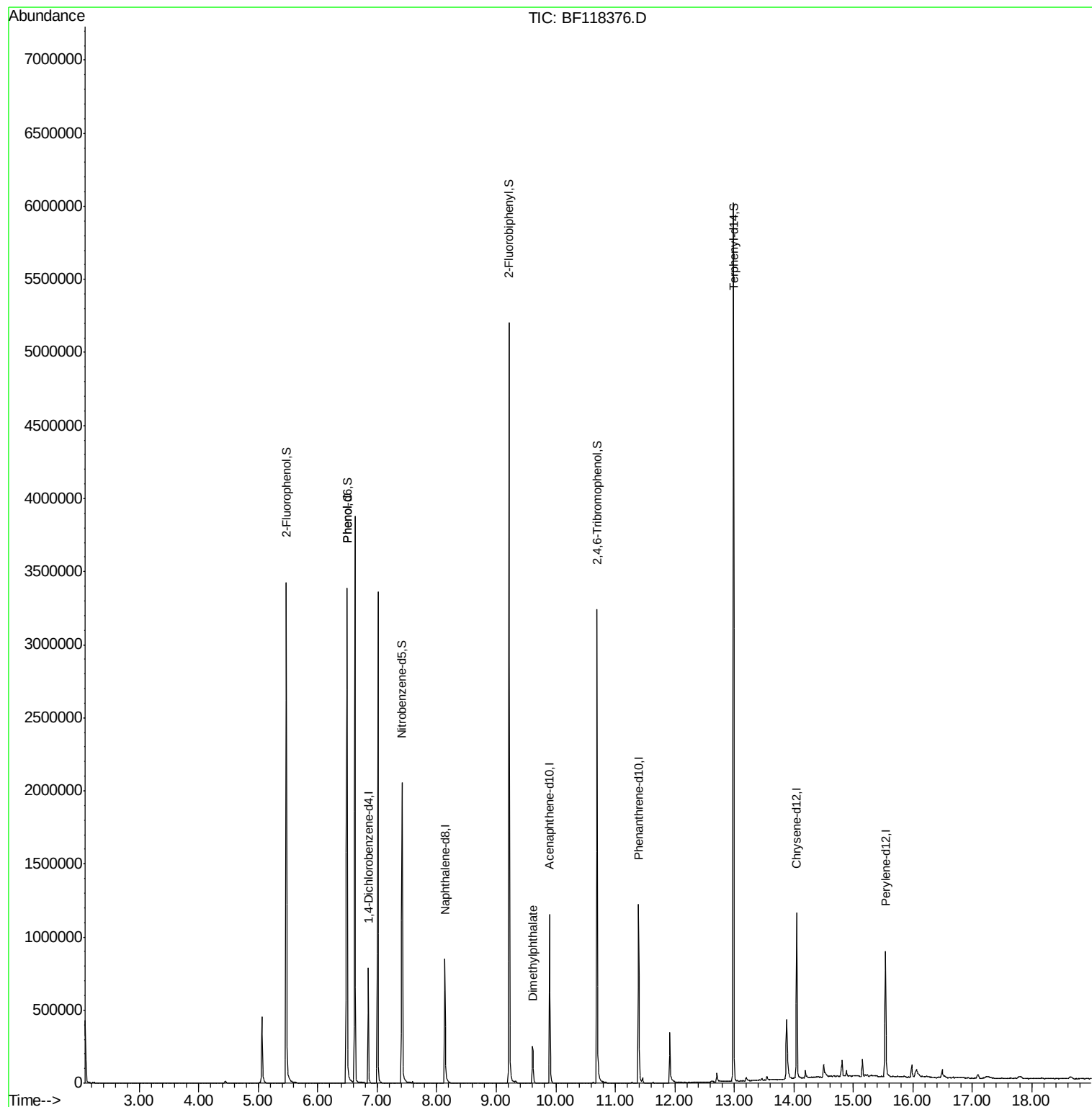
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114240	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	449984	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240224	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	479974	20.00	ng	0.00
76) Chrysene-d12	14.04	240	393308	20.00	ng	0.00
87) Perylene-d12	15.54	264	379421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1008974	150.76	ng	0.01
7) Phenol-d6	6.49	99	1274008	153.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	776234	98.66	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	467701	157.66	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1583771	100.64	ng	0.00
79) Terphenyl-d14	12.99	244	2098678	88.53	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25302	2.712	ng	Qvalue # 45
50) Dimethylphthalate	9.61	163	133837	7.422	ng	99

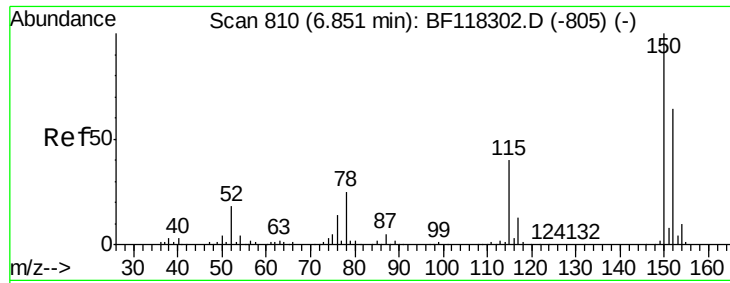
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118376.D
Acq On : 28 Dec 2019 20:21
Operator : JU
Sample : K6439-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-BF003-01

Quant Time: Dec 29 07:54:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



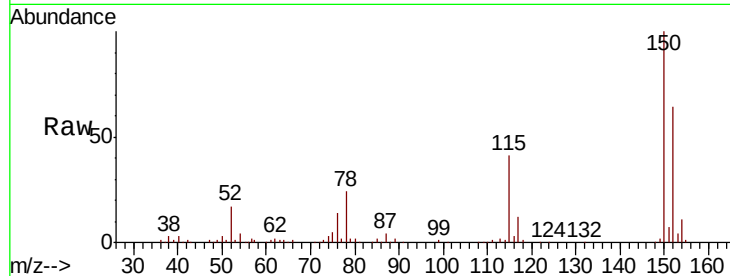


#1

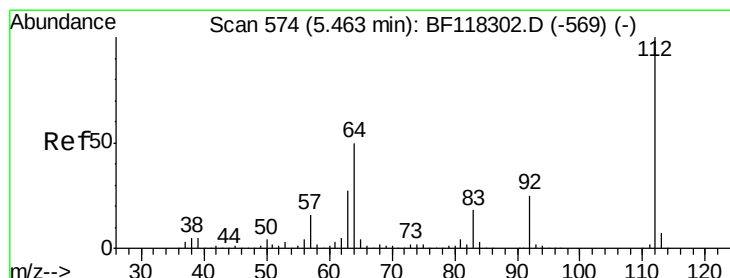
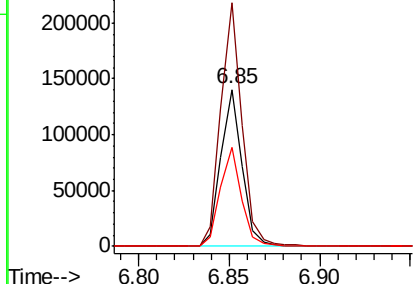
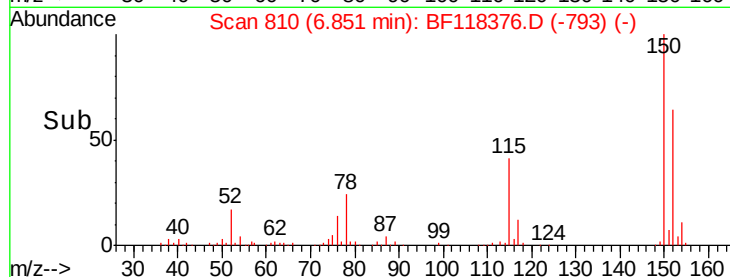
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :
LIED-BF003-01

Tot Ion:152 Resp: 114240
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 63.1 50.2 75.4



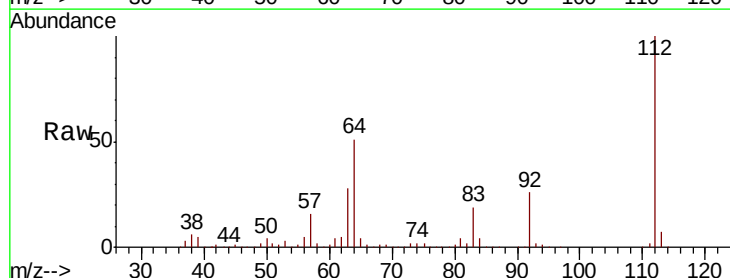
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



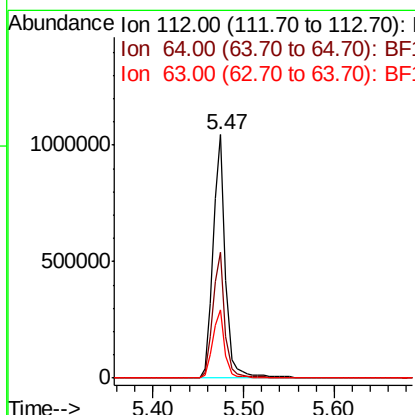
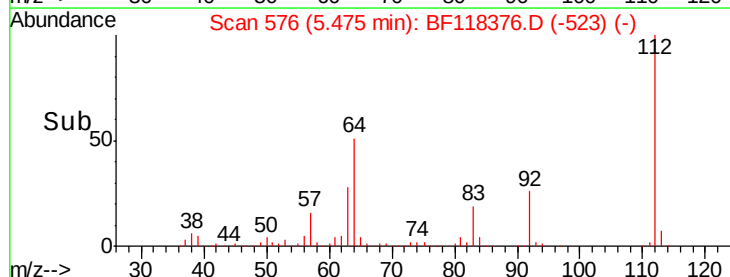
#5

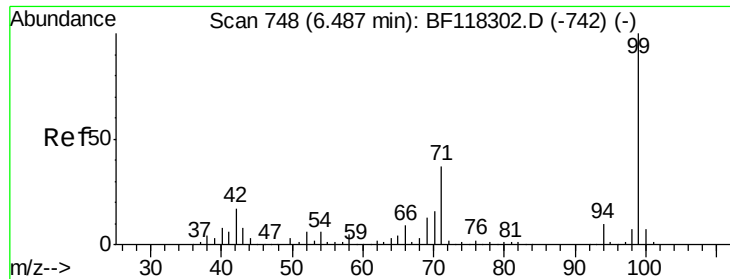
2-Fluorophenol
Concen: 150.762 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:112 Resp: 1008974
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 27.9 21.7 32.5



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: 153.454 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

LIED-BF003-01

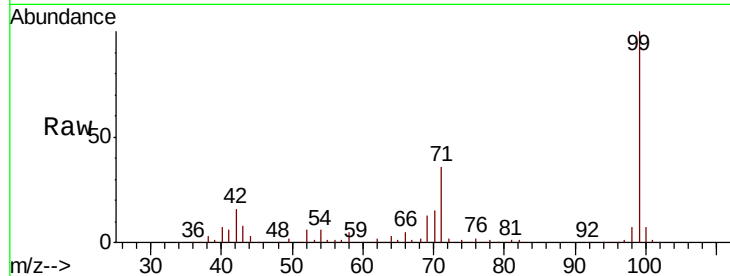
Tot Ion: 99 Resp: 1274008

Ion Ratio Lower Upper

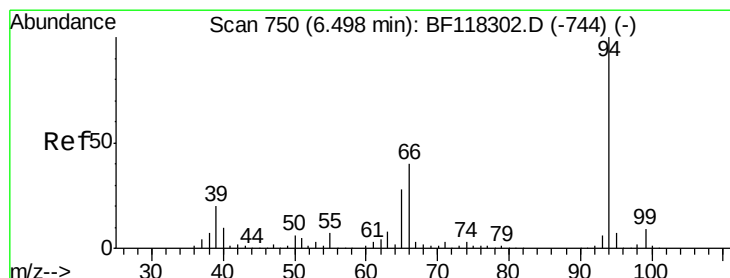
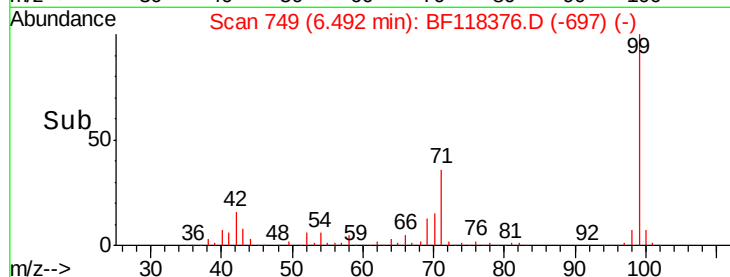
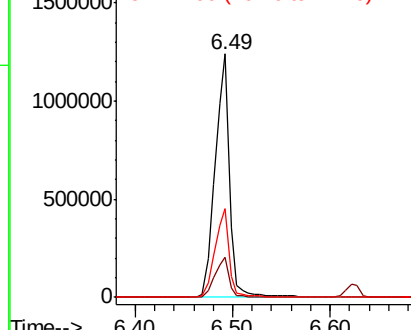
99 100

42 16.5 13.5 20.3

71 36.2 29.4 44.2



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: 2.712 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

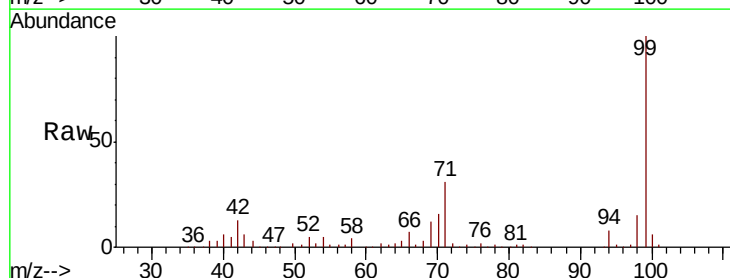
Tgt Ion: 94 Resp: 25302

Ion Ratio Lower Upper

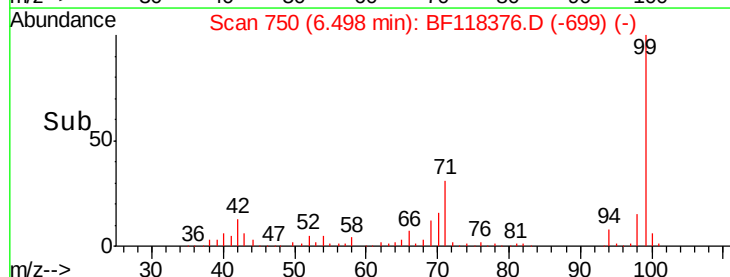
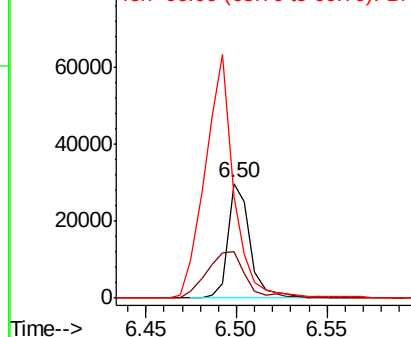
94 100

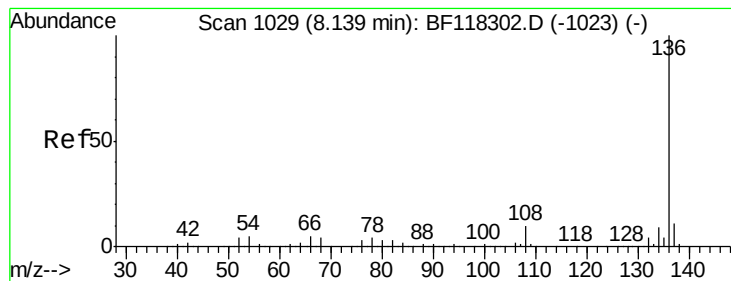
65 40.3 7.8 47.8

66 88.0 20.4 60.4#



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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

LIED-BF003-01

Tot Ion:136 Resp: 449984

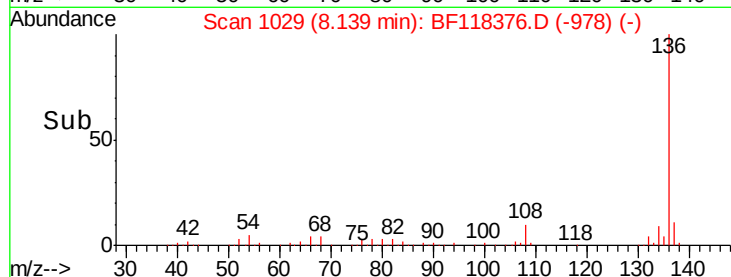
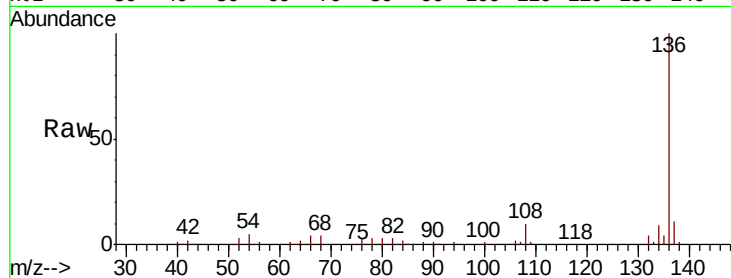
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.0 4.2 6.4

68 4.3 3.5 5.3

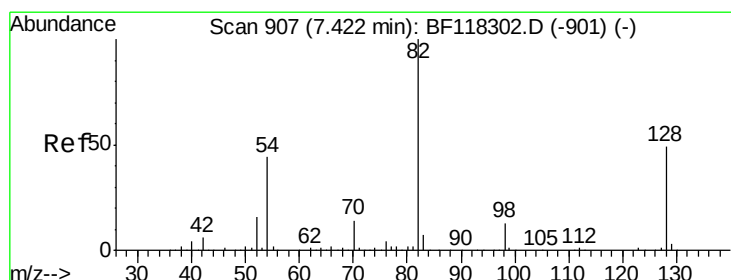
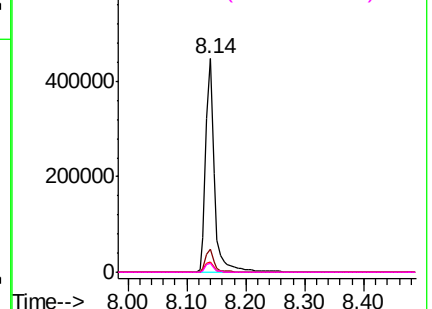


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.663 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

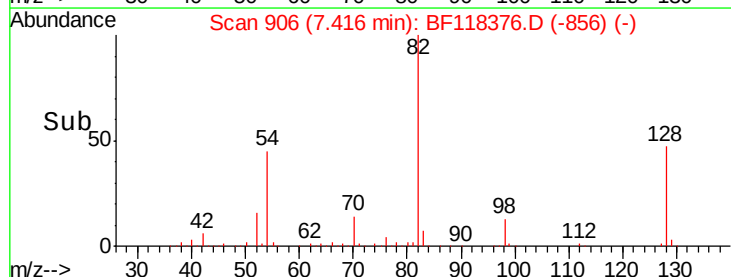
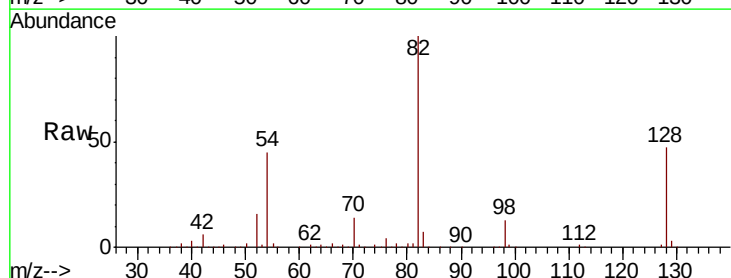
Tgt Ion: 82 Resp: 776234

Ion Ratio Lower Upper

82 100

128 46.8 39.6 59.4

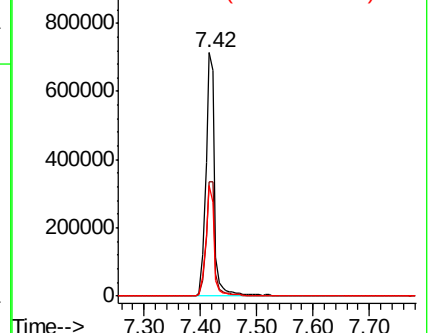
54 45.5 34.9 52.3

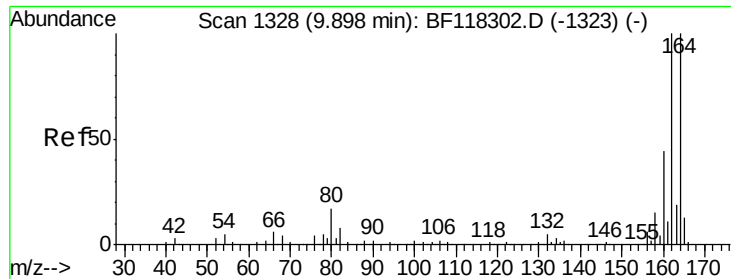


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

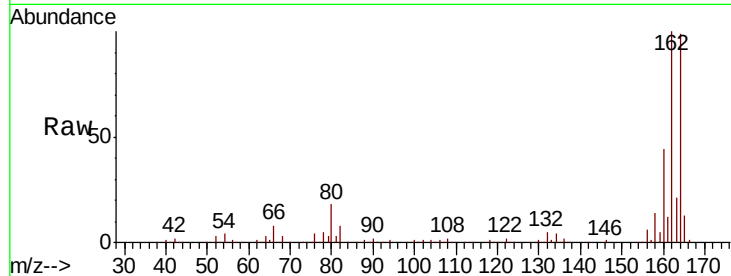




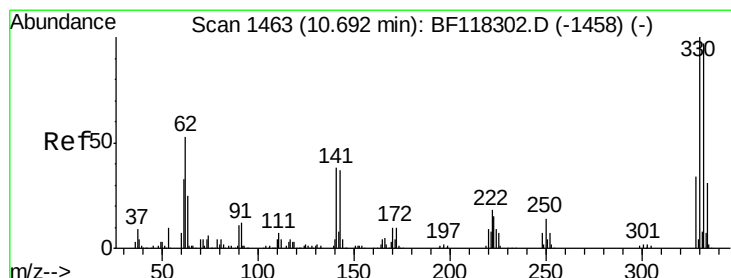
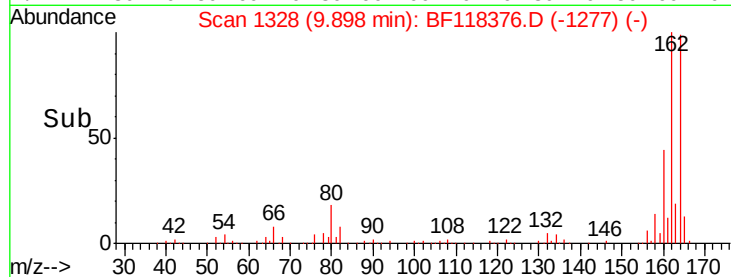
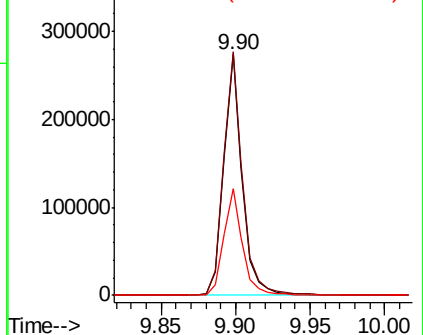
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :
LIED-BF003-01

Tot Ion:164 Resp: 240224
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 44.1 34.8 52.2

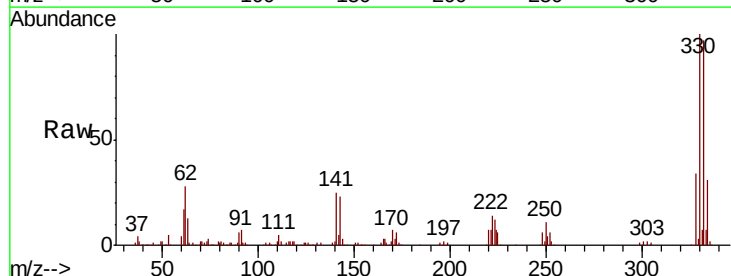


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

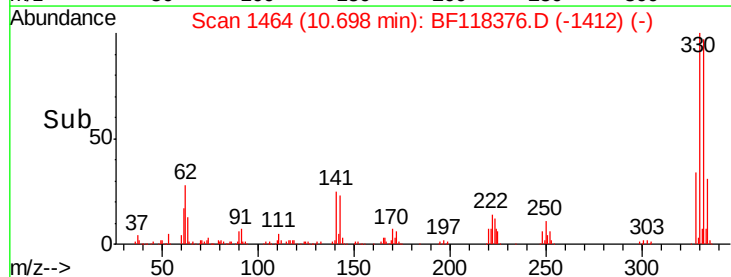
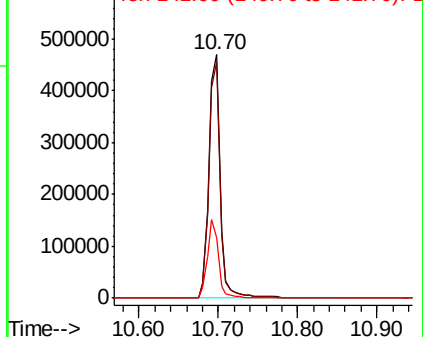


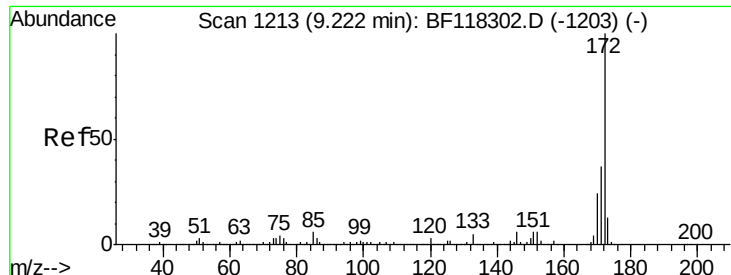
#42
2,4,6-Tribromophenol
Concen: 157.656 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:330 Resp: 467701
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 31.7 26.0 39.0



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

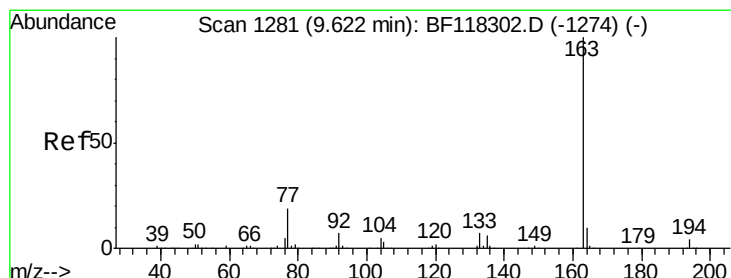
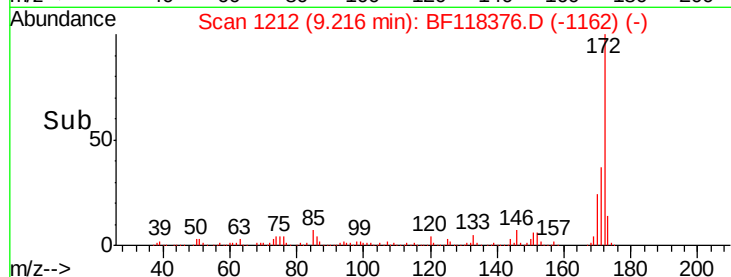
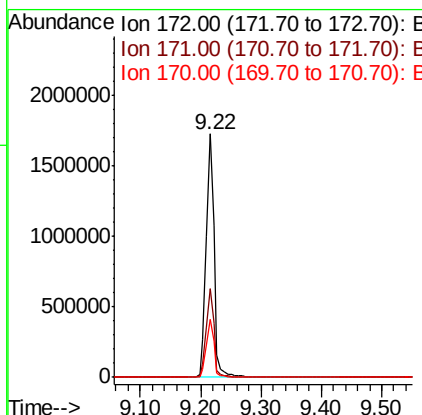
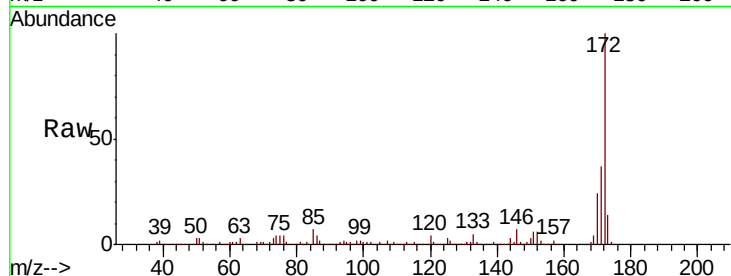




#45
2-Fluorobiphenyl
Concen: 100.639 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

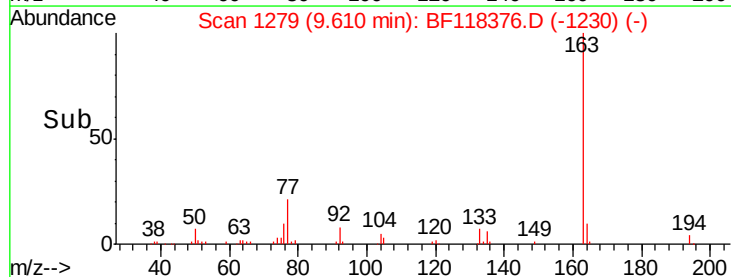
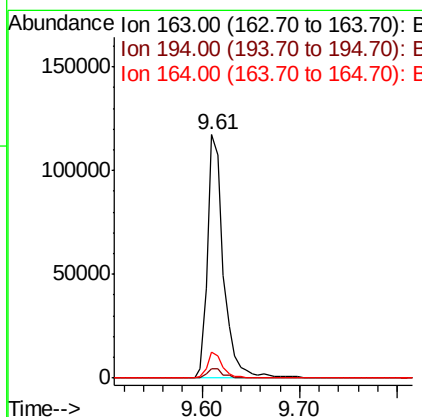
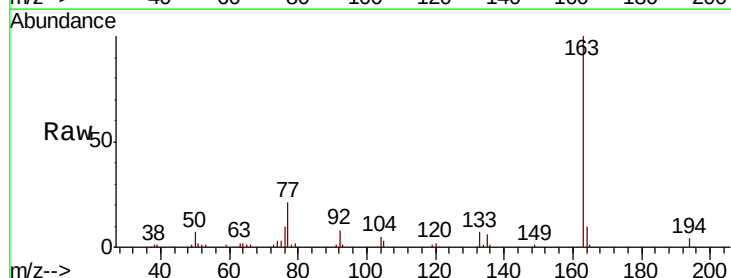
Instrument :
BNA_F
ClientSampleId :
LIED-BF003-01

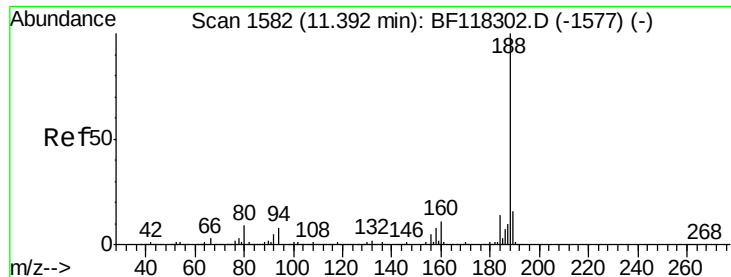
Tot Ion:172 Resp: 1583771
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 23.7 19.2 28.8



#50
Dimethylphthalate
Concen: 7.422 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:163 Resp: 133837
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 7.9 11.9

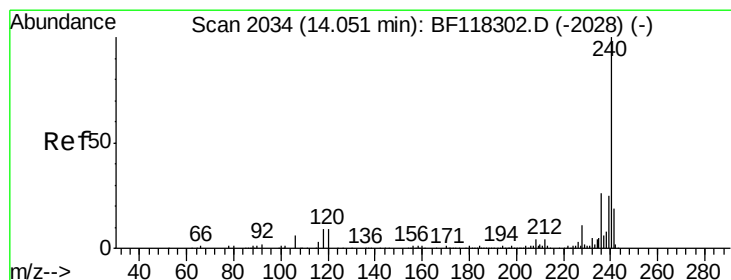
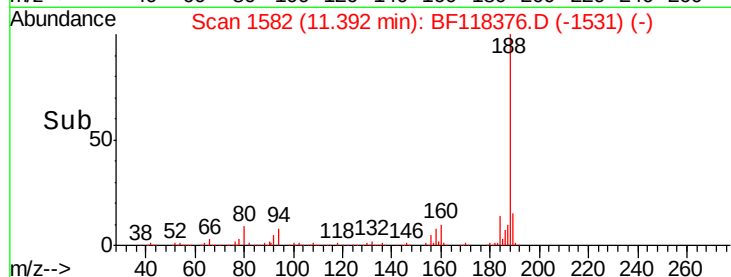
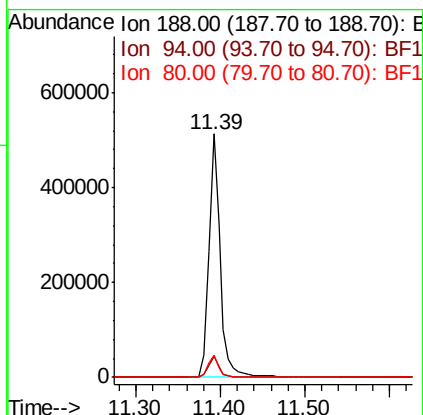
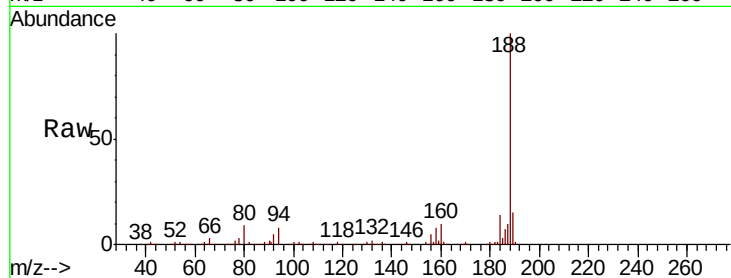




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

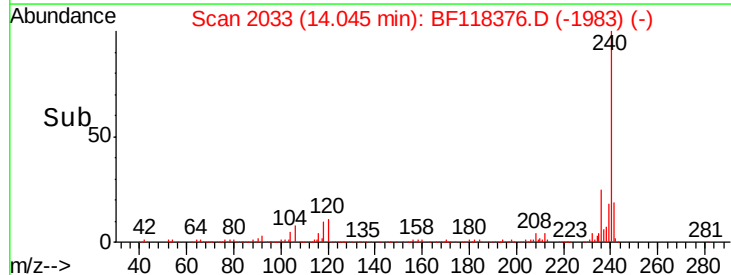
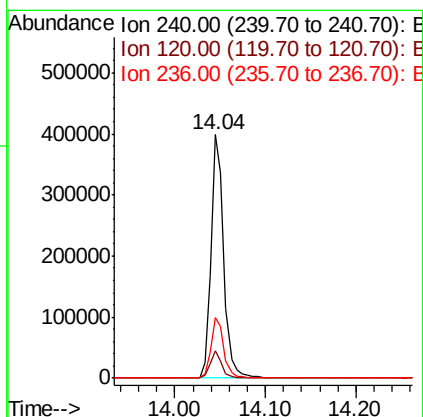
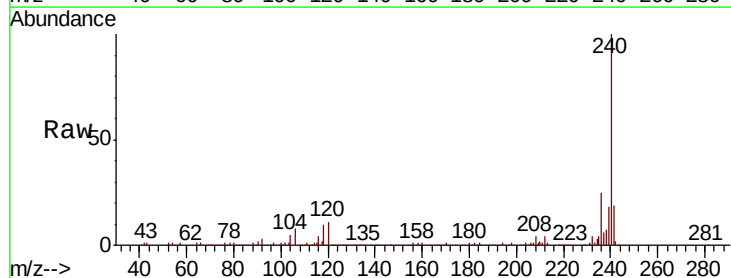
Instrument :
BNA_F
ClientSampleId :
LIED-BF003-01

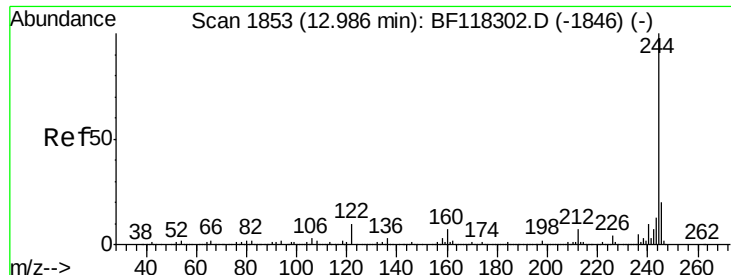
Tot Ion:188 Resp: 479974
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:240 Resp: 393308
Ion Ratio Lower Upper
240 100
120 11.4 7.1 10.7#
236 24.8 21.0 31.6





#79

Terphenyl-d14

Concen: 88.525 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

LIED-BF003-01

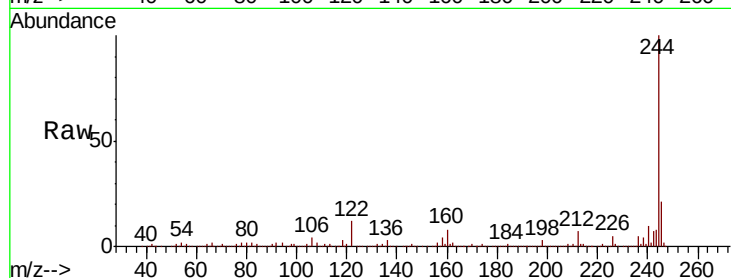
Tot Ion:244 Resp: 2098678

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

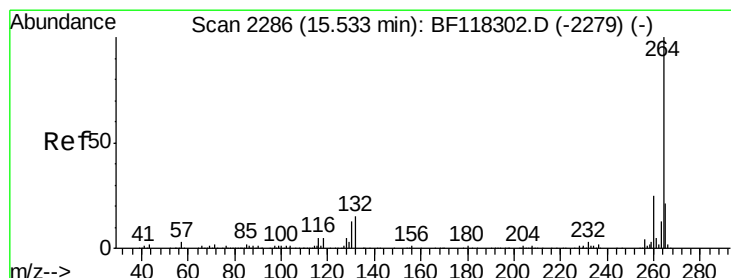
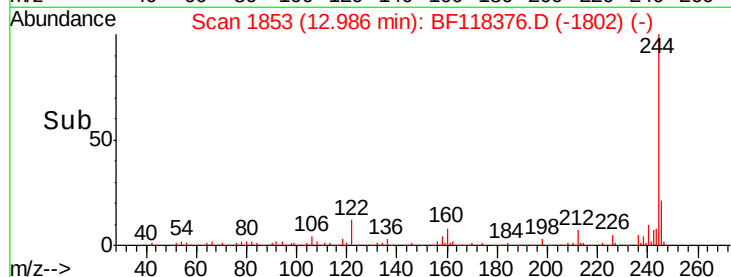
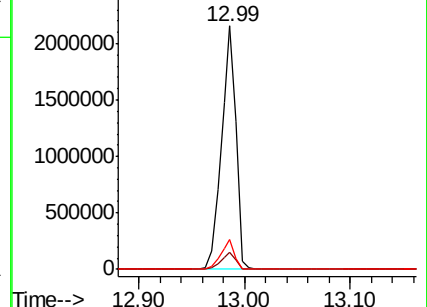
122 12.0 7.8 11.8#



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# 2287

Delta R.T. 0.01 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

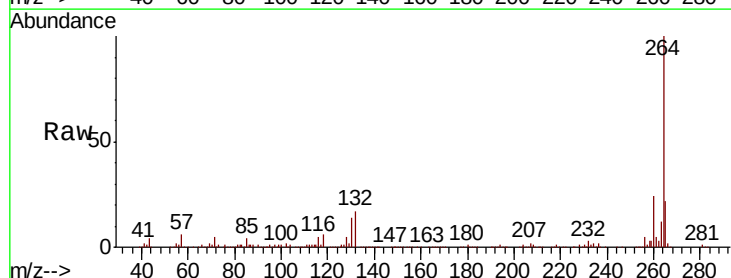
Tgt Ion:264 Resp: 379421

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.9 17.0 25.4



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

