

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119376.D
 Acq On : 12 Mar 2020 12:23
 Operator : CG/JU
 Sample : L1864-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Mar 13 02:33:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

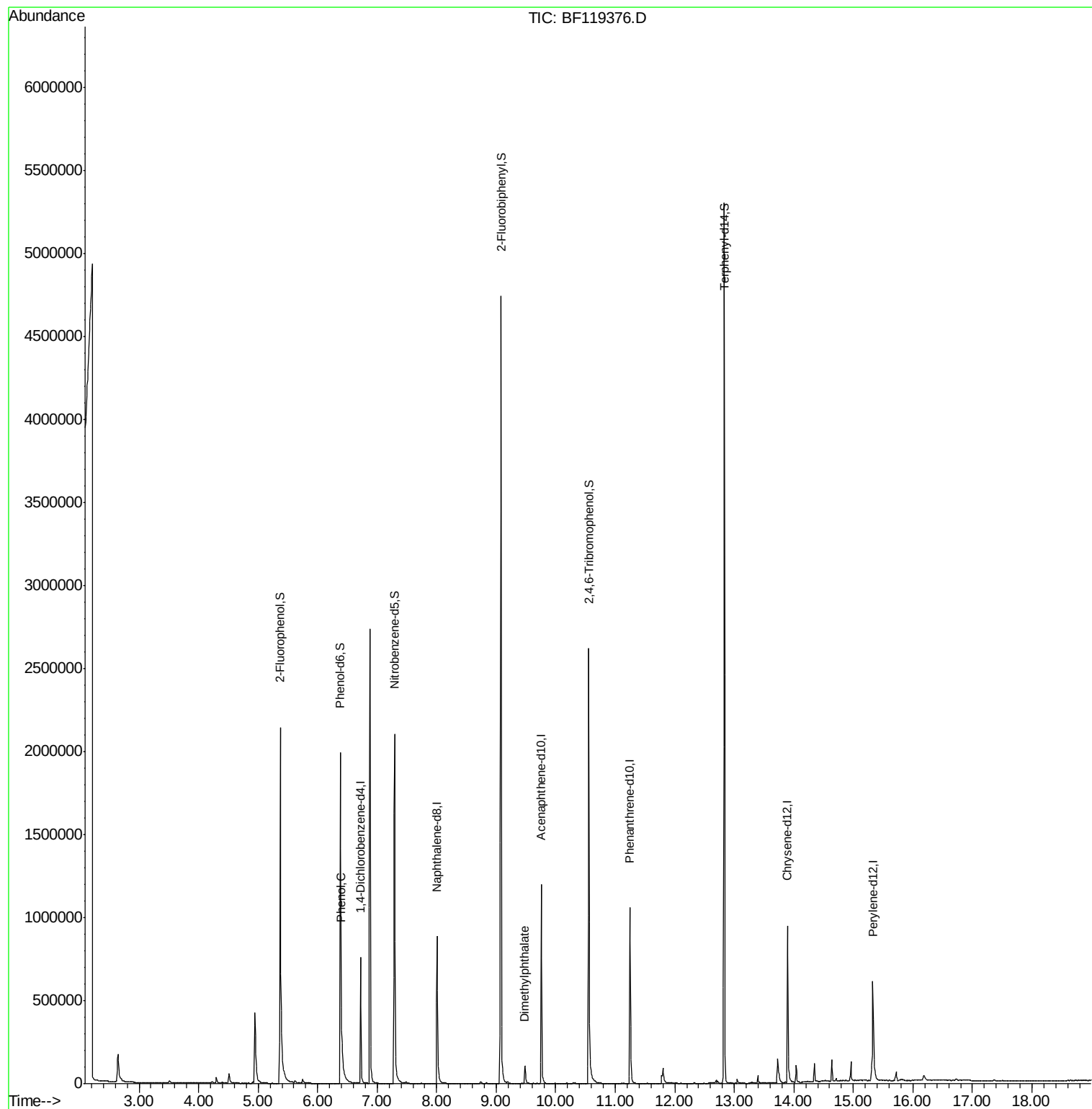
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120035	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470203	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264548	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	453994	20.00	ng	0.00
76) Chrysene-d12	13.89	240	368511	20.00	ng	0.00
87) Perylene-d12	15.33	264	351533	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	864178	120.31	ng	0.02
7) Phenol-d6	6.38	99	928978	106.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	806466	90.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	419009	121.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1559532	86.84	ng	0.00
79) Terphenyl-d14	12.83	244	1952373	91.21	ng	0.00
Target Compounds						
10) Phenol	6.40	94	20289	2.148	ng	Qvalue # 64
50) Dimethylphthalate	9.49	163	63775	3.153	ng	100

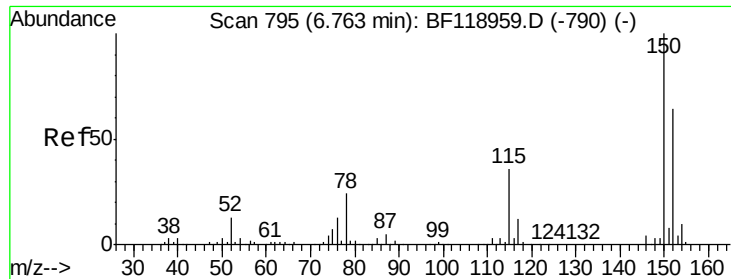
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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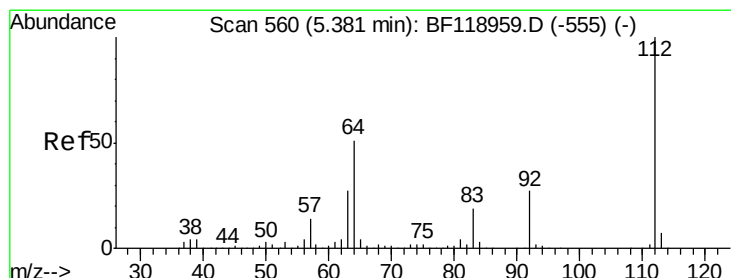
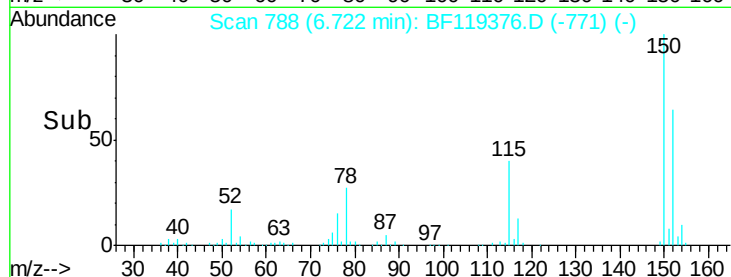
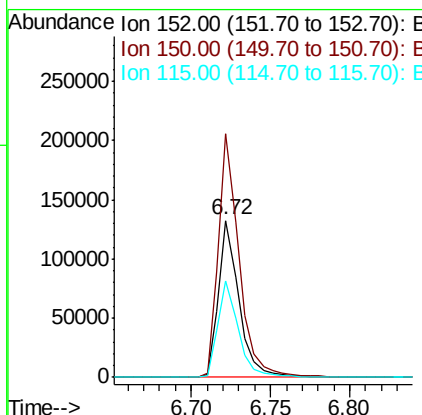
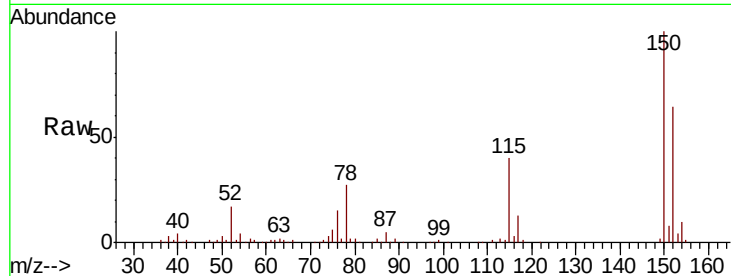


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Instrument :
BNA_F
ClientSampled :
SP-2

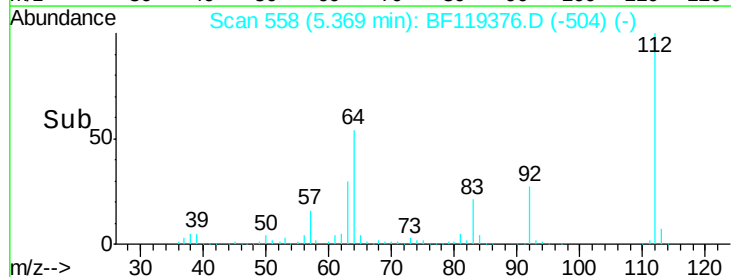
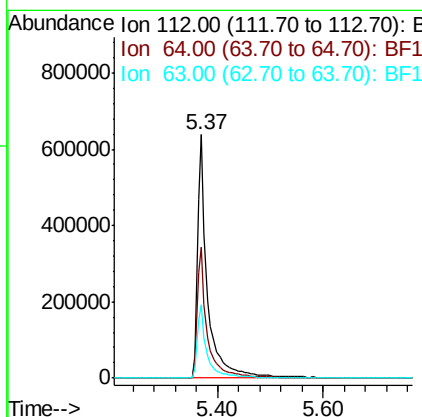
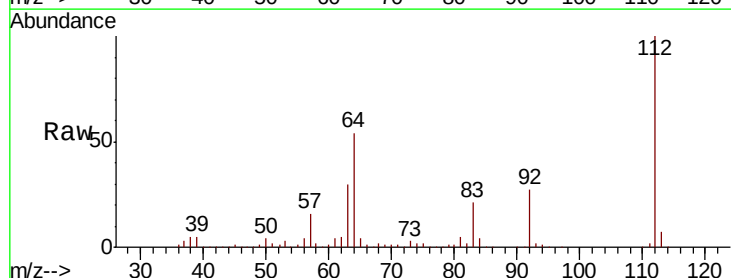
Tot Ion:152 Resp: 120035
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 61.8 49.5 74.3

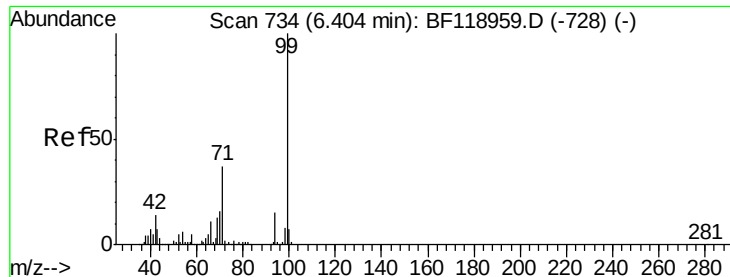


#5

2-Fluorophenol
Concen: 120.314 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion:112 Resp: 864178
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 29.9 24.2 36.4





#7

Phenol-d6

Concen: 106.346 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampled :

SP-2

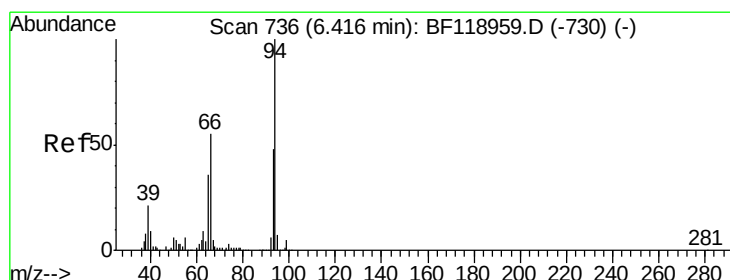
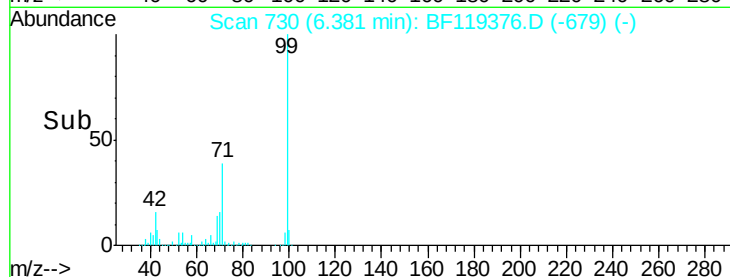
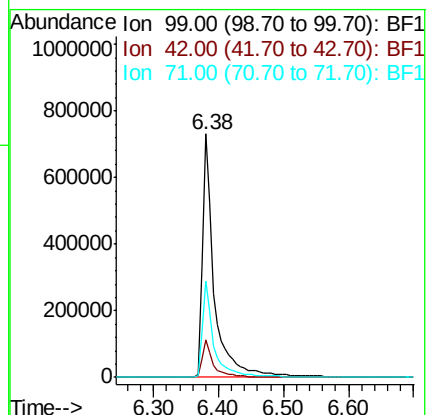
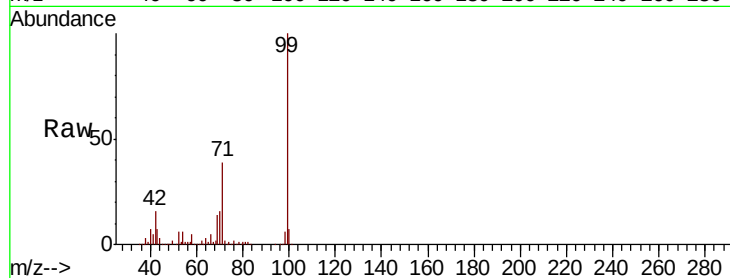
Tot Ion: 99 Resp: 928978

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.5 31.0 46.4



#10

Phenol

Concen: 2.148 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

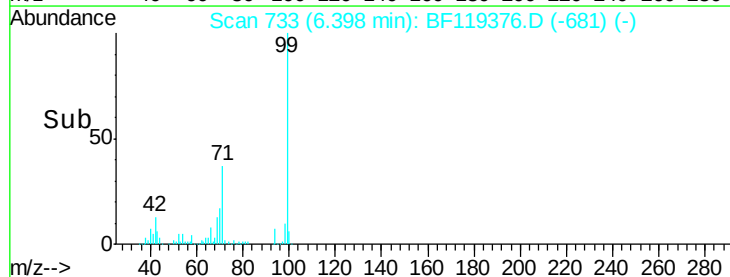
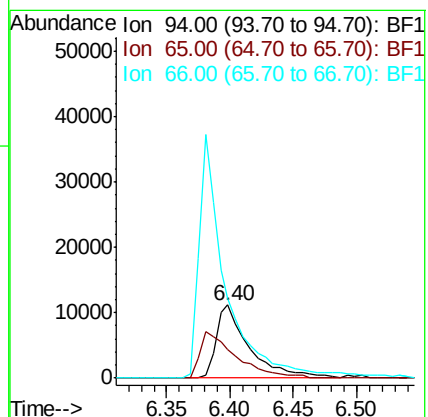
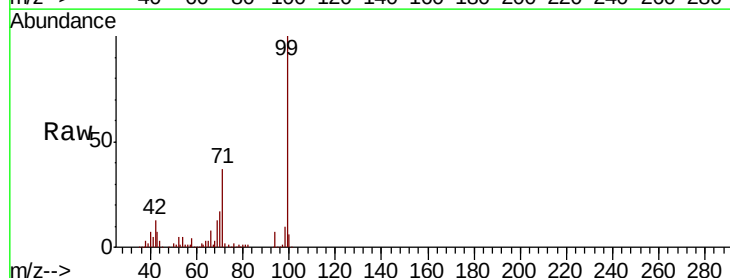
Tgt Ion: 94 Resp: 20289

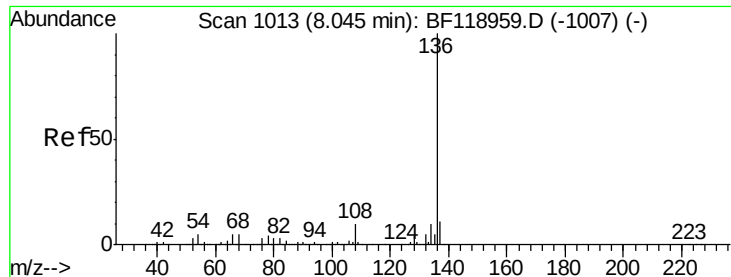
Ion Ratio Lower Upper

94 100

65 38.8 19.2 59.2

66 109.1 44.4 84.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampleId :

SP-2

Tot Ion:136 Resp: 470203

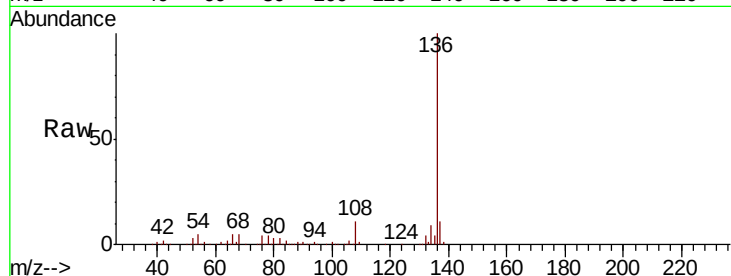
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.8 3.8 5.6

68 5.3 3.9 5.9

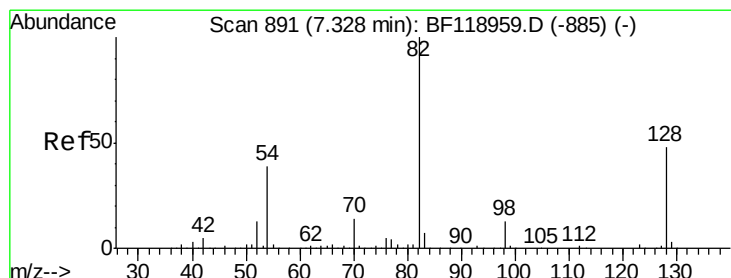
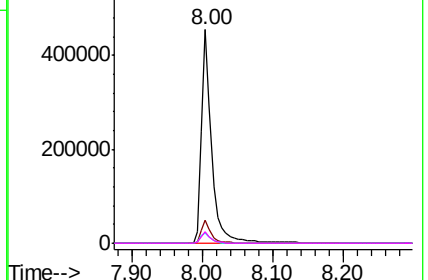
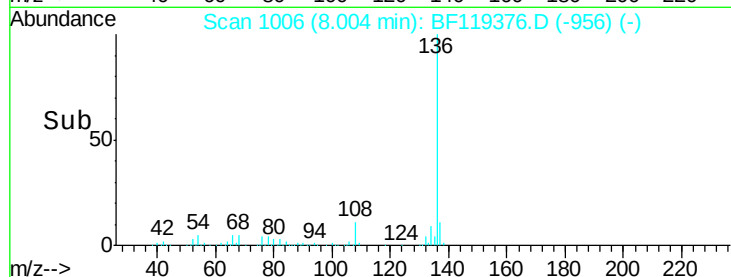


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.560 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

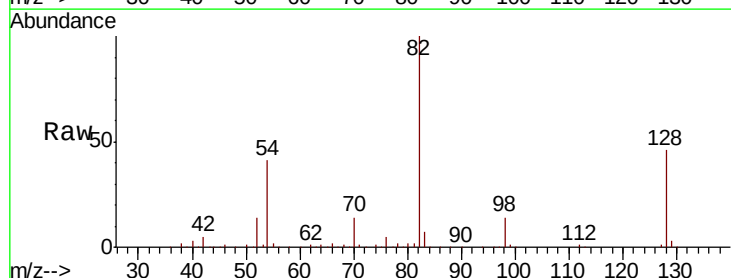
Tgt Ion: 82 Resp: 806466

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

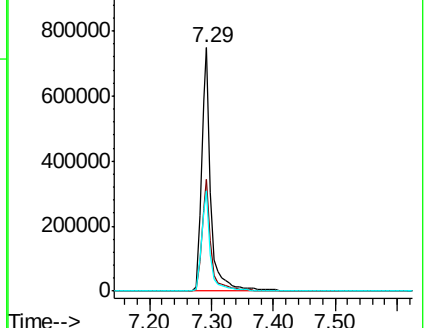
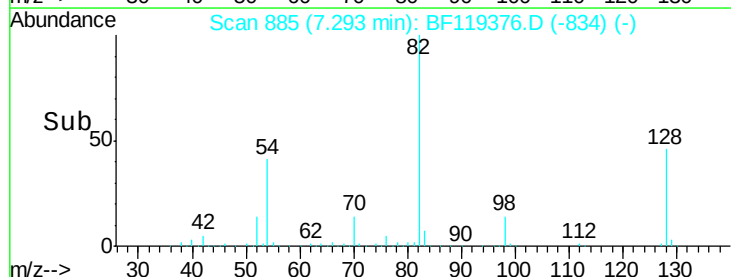
54 41.1 33.4 50.2

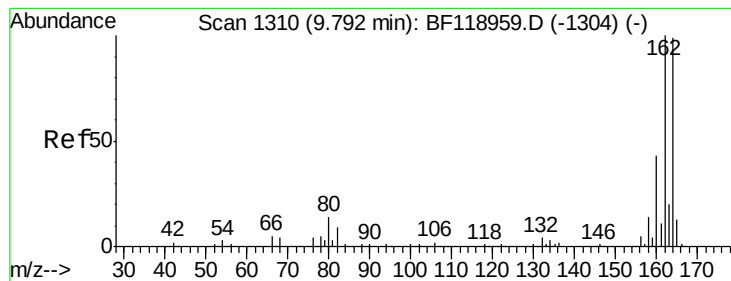


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampleId :

SP-2

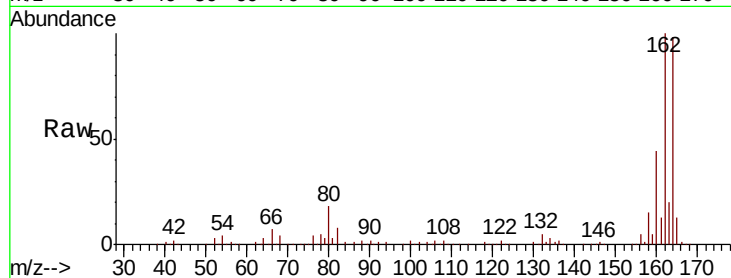
Tot Ion:164 Resp: 264548

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

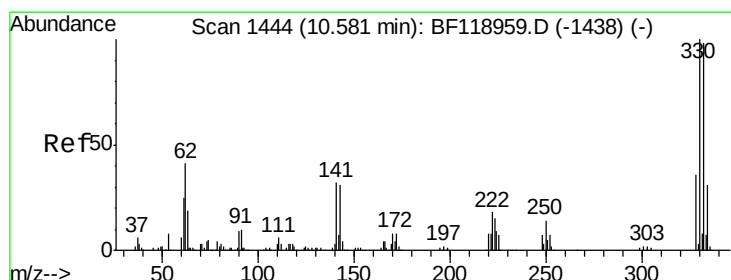
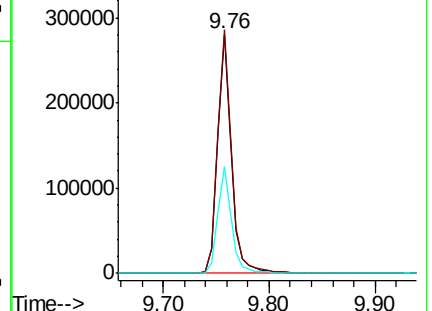
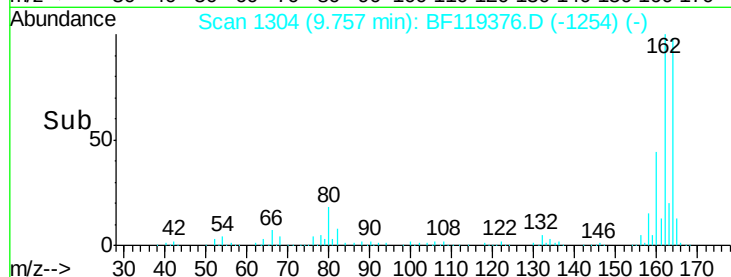
160 44.6 36.0 54.0



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: 121.075 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

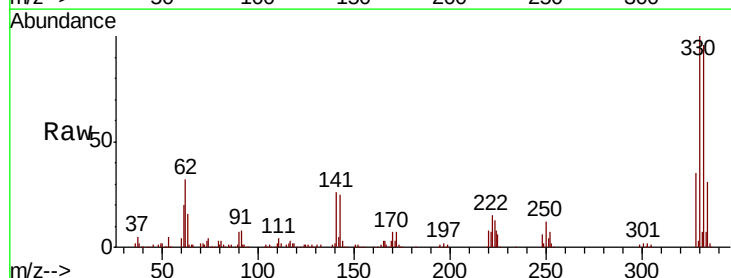
Tgt Ion:330 Resp: 419009

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

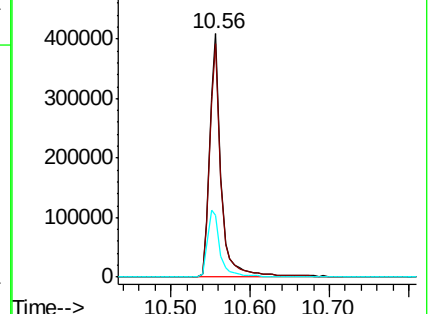
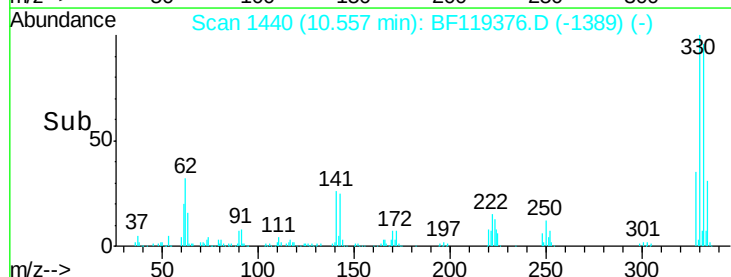
141 31.3 22.9 34.3

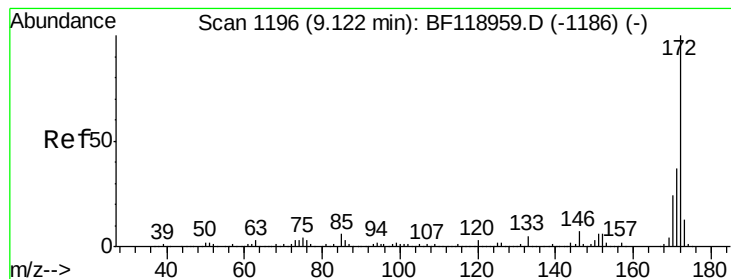


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 86.845 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampleId :

SP-2

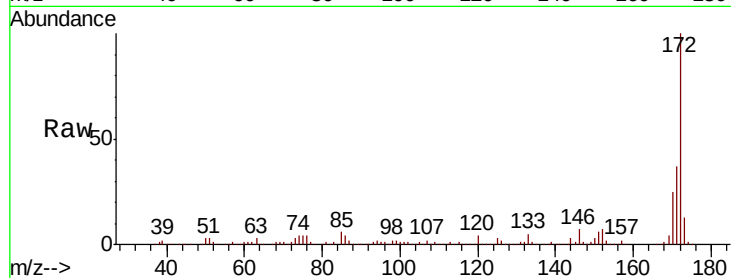
Tot Ion:172 Resp: 1559532

Ion Ratio Lower Upper

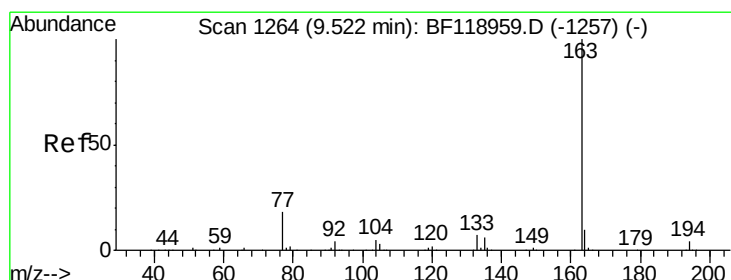
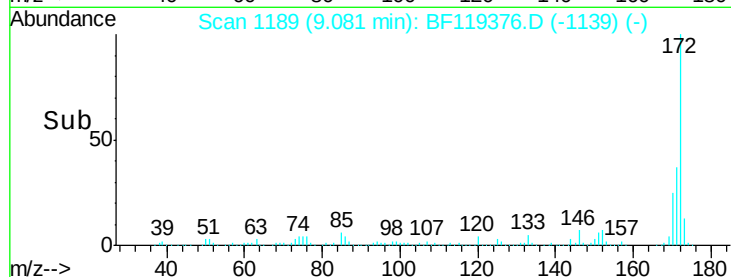
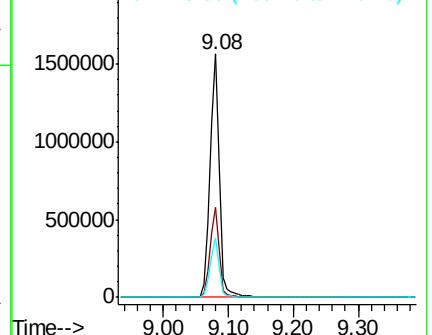
172 100

171 37.1 30.6 45.8

170 24.6 20.2 30.2



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: 3.153 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

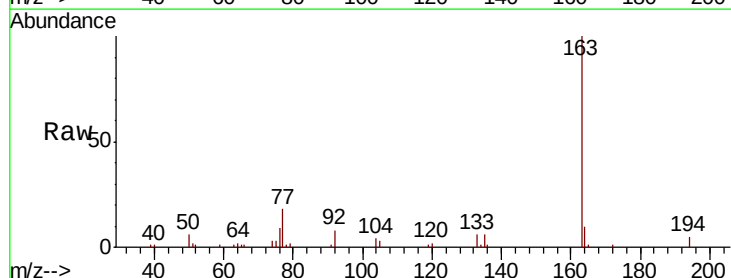
Tgt Ion:163 Resp: 63775

Ion Ratio Lower Upper

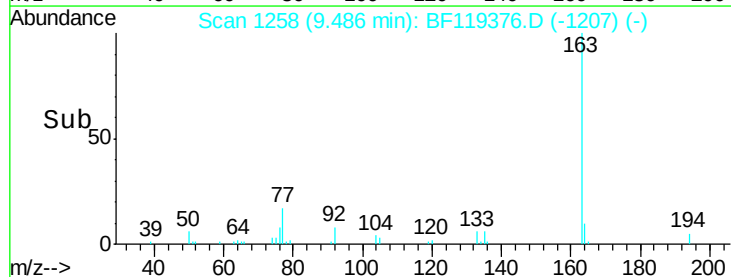
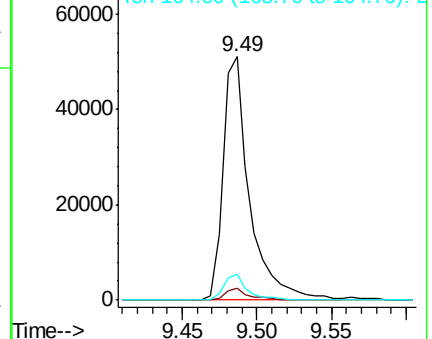
163 100

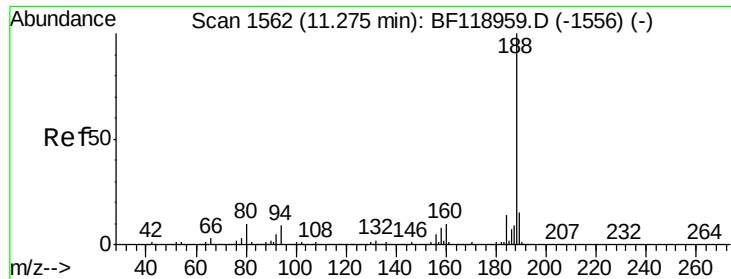
194 4.9 3.5 5.3

164 10.5 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

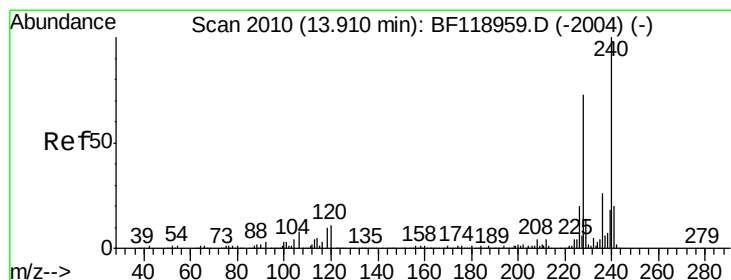
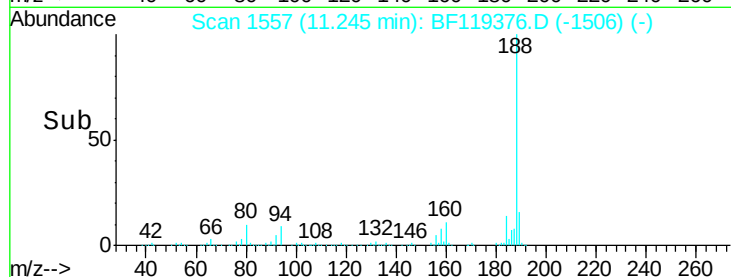
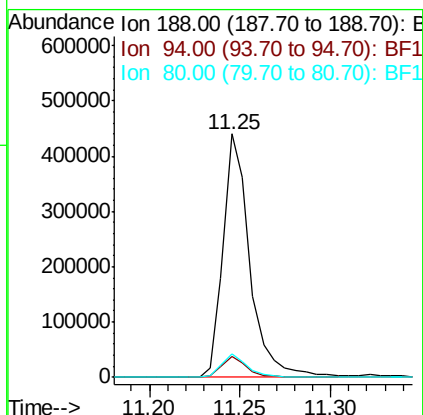
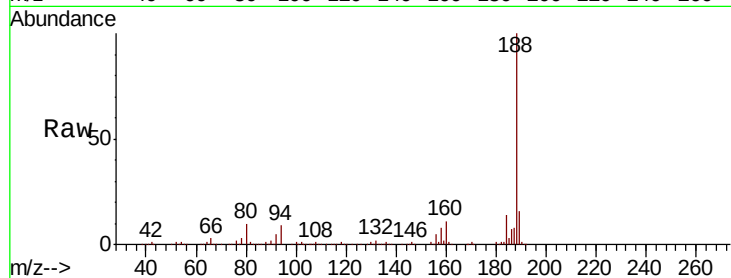




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

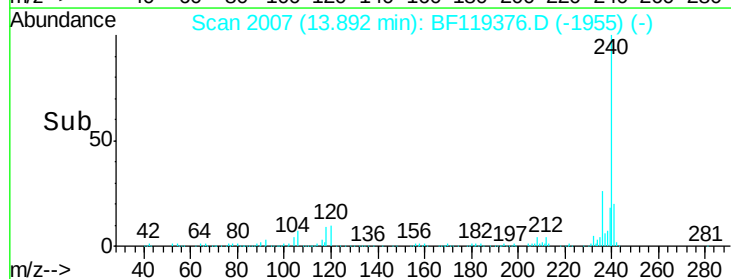
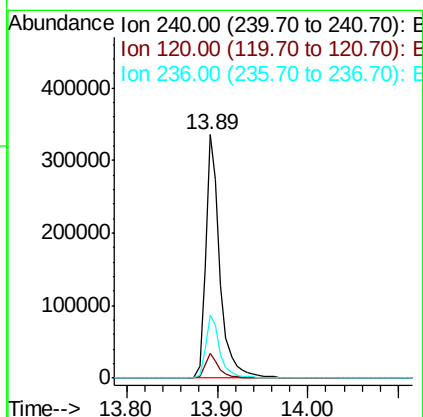
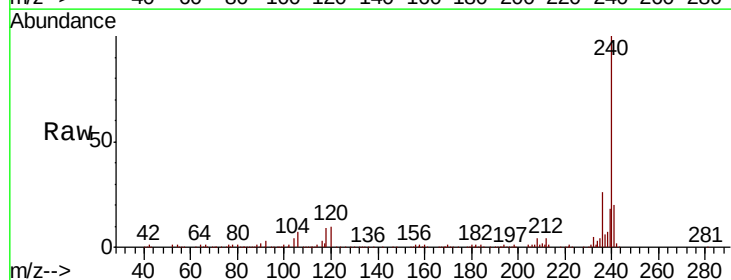
Instrument :
BNA_F
ClientSampleId :
SP-2

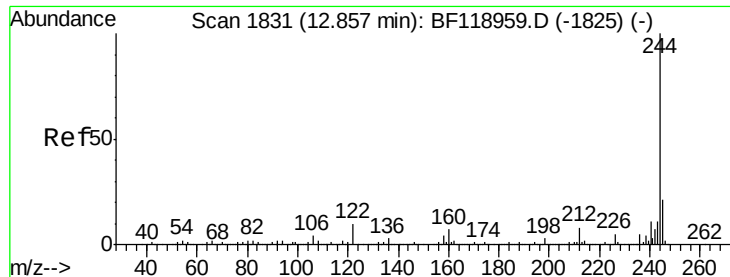
Tot Ion:188 Resp: 453994
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119376.D
Acq: 12 Mar 2020 12:23

Tgt Ion:240 Resp: 368511
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 91.214 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

Instrument :

BNA_F

ClientSampled :

SP-2

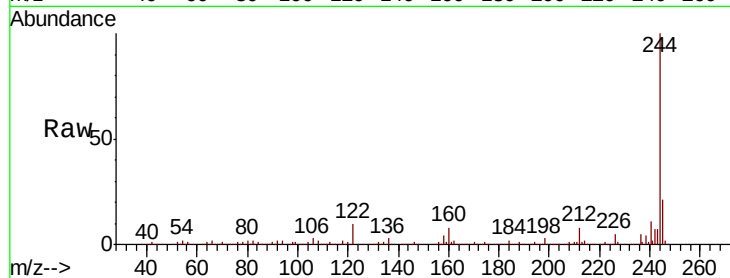
Tot Ion:244 Resp: 1952373

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

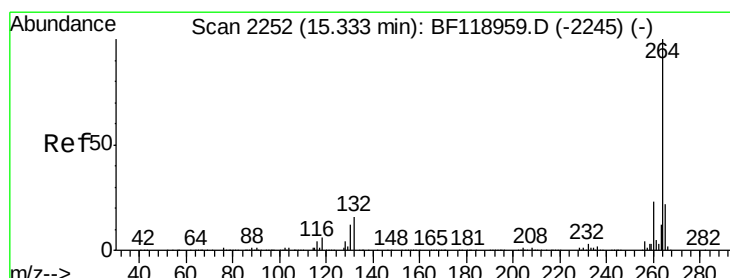
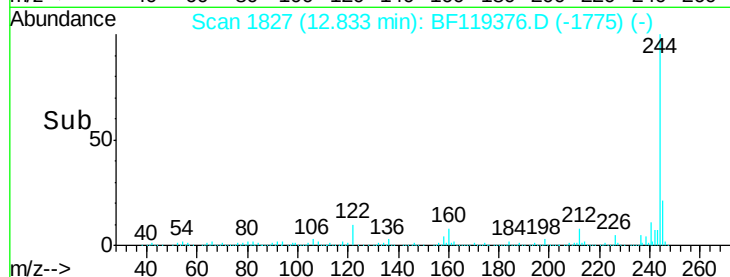
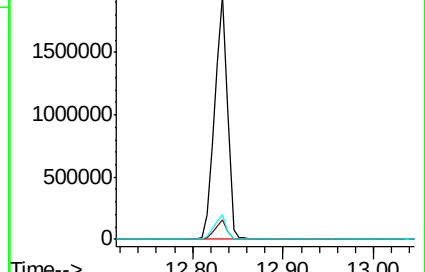
122 10.0 8.2 12.2



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: 15.33 min Scan# 2251

Delta R.T. 0.02 min

Lab File: BF119376.D

Acq: 12 Mar 2020 12:23

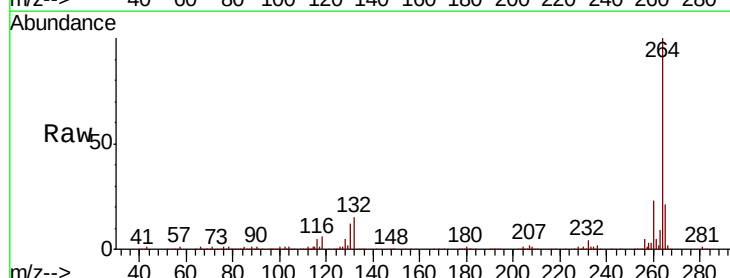
Tgt Ion:264 Resp: 351533

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 21.2 17.7 26.5



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

