

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119249.D
 Acq On : 6 Mar 2020 10:12
 Operator : CG/JU
 Sample : L1748-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030320

Quant Time: Mar 06 14:24:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

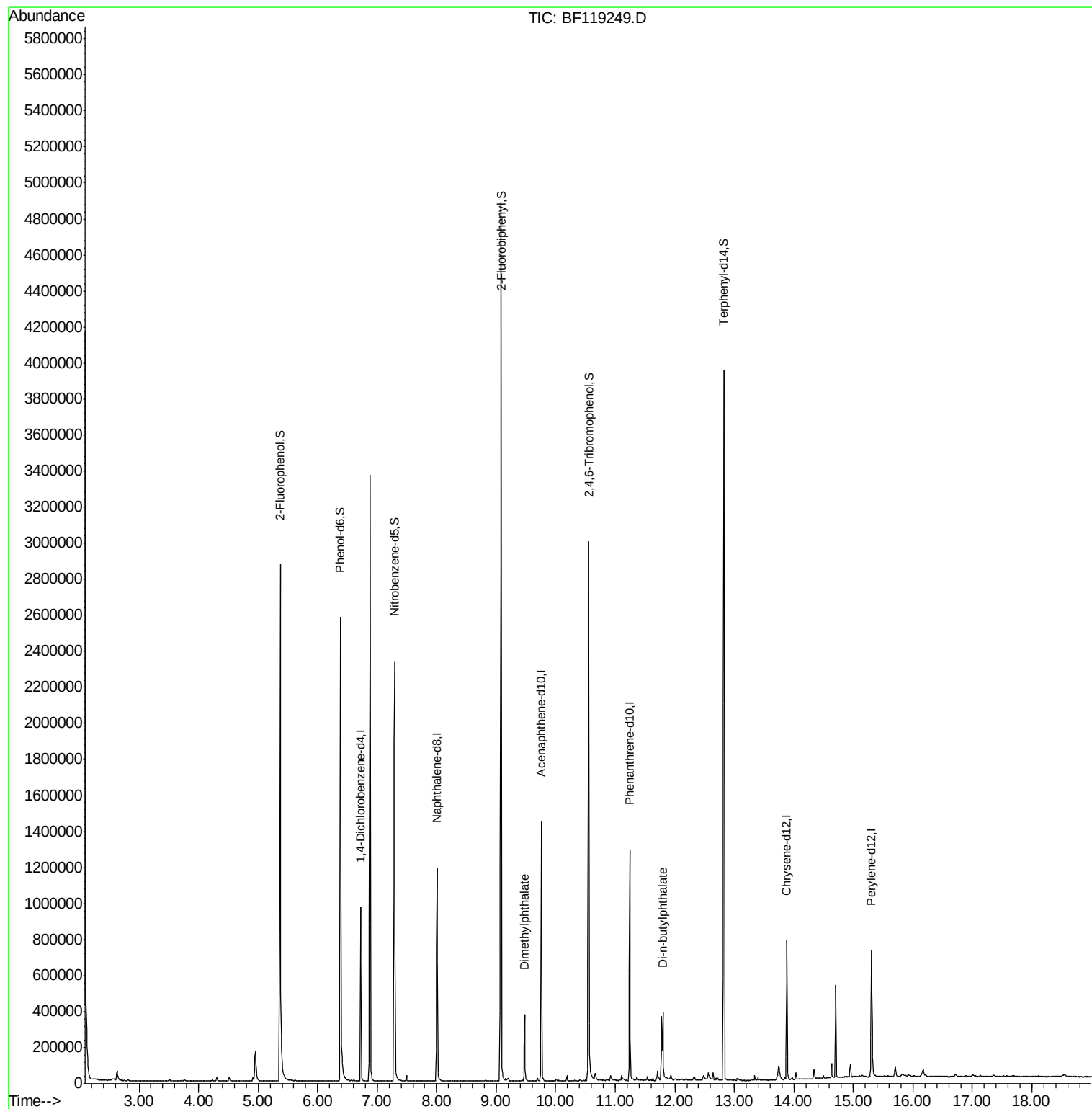
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146558	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	567771	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	295490	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	466381	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	262029	20.00	ng	-0.02
87) Perylene-d12	15.30	264	319169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	958569	109.30	ng	0.00
7) Phenol-d6	6.38	99	1063780	99.74	ng	-0.02
23) Nitrobenzene-d5	7.29	82	867613	80.68	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	410803	106.27	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1652876	82.40	ng	-0.03
79) Terphenyl-d14	12.82	244	1441564	94.72	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.47	163	155775	6.894	ng	100
74) Di-n-butylphthalate	11.80	149	155649	5.677	ng	99

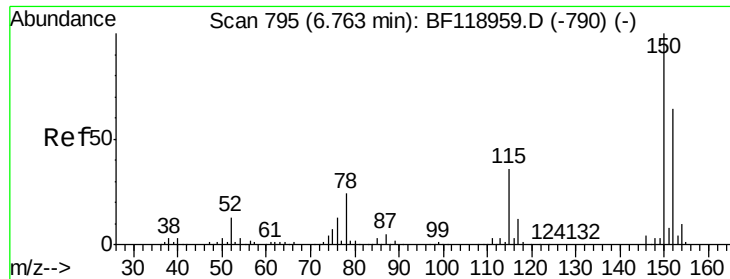
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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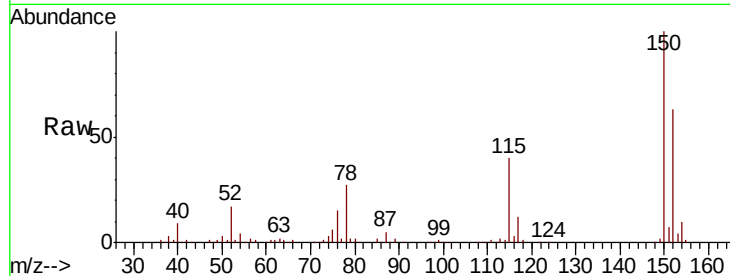


#1

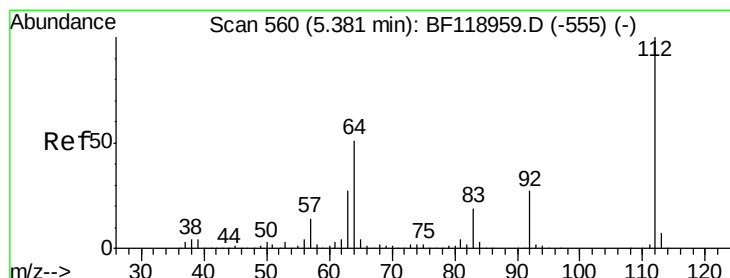
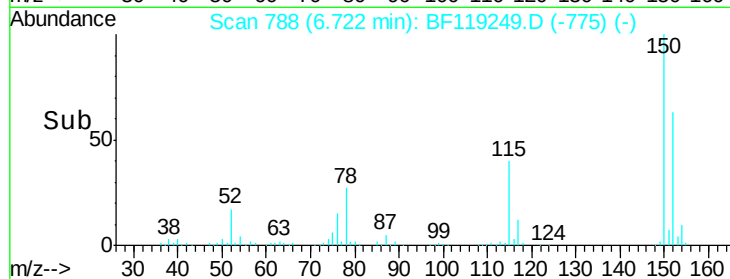
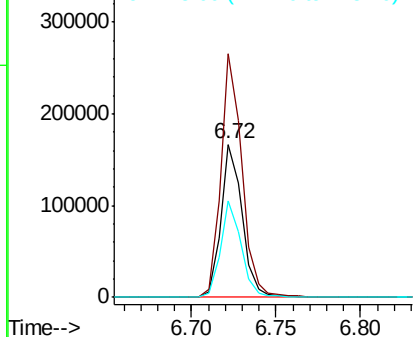
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tot Ion:152 Resp: 146558
Ion Ratio Lower Upper
152 100
150 159.2 123.0 184.6
115 63.0 49.5 74.3



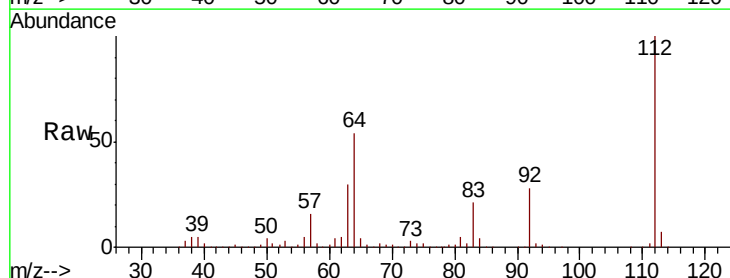
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



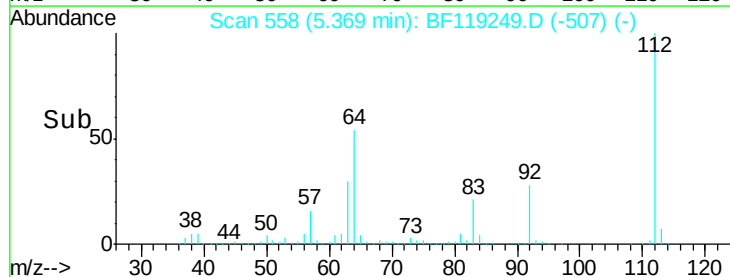
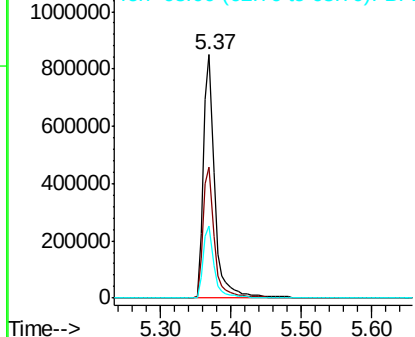
#5

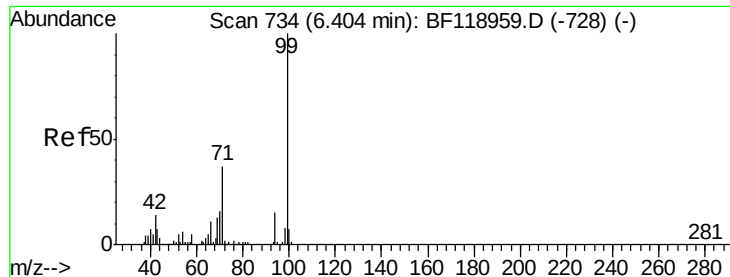
2-Fluorophenol
Concen: 109.304 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Tgt Ion:112 Resp: 958569
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 29.6 24.2 36.4



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: 99.739 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

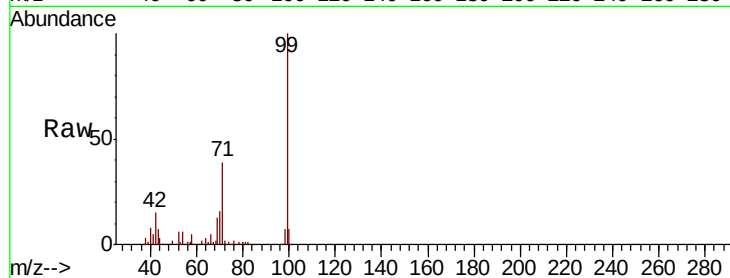
BNA_F

ClientSampleId :

AU-06-030320

Tot Ion: 99 Resp: 1063780

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	39.4	31.0	46.4

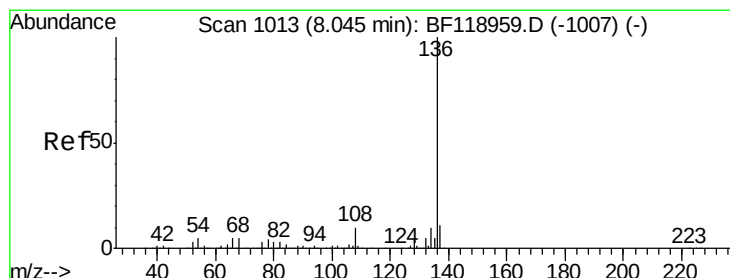
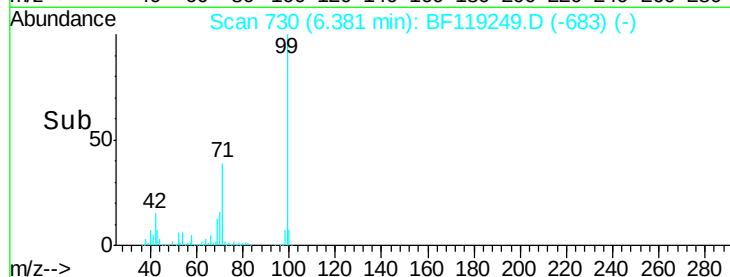
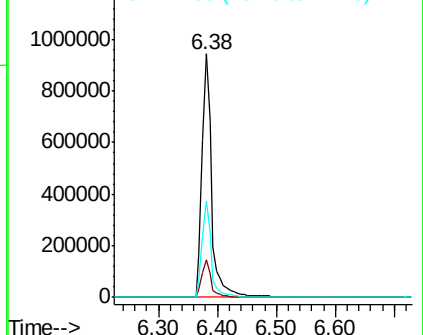


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

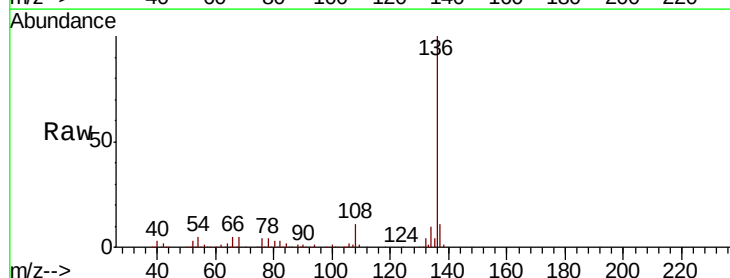
Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Tgt Ion: 136 Resp: 567771

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.0	3.8	5.6
68	5.1	3.9	5.9



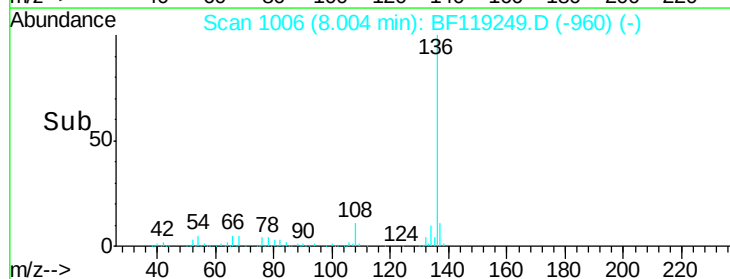
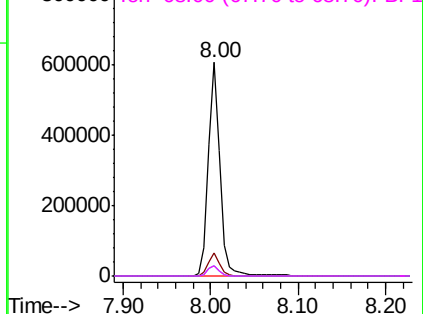
Abundance

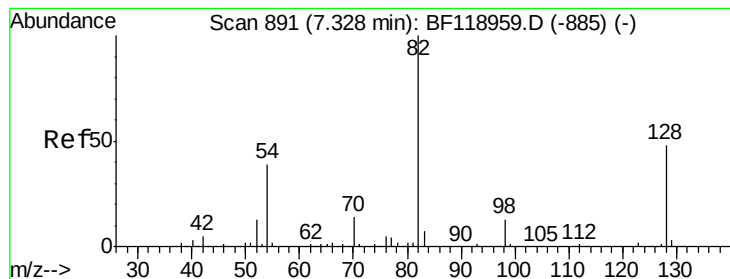
Ion 136.00 (135.70 to 136.70): E

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: 80.684 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

BNA_F

ClientSampleId :

AU-06-030320

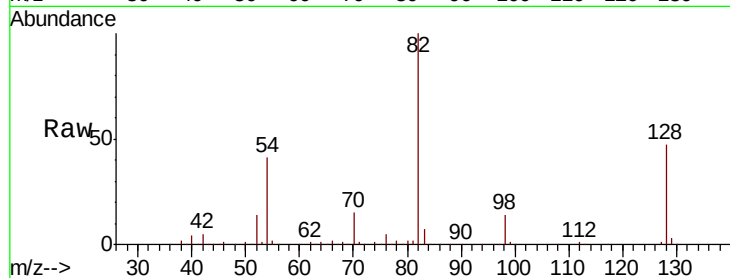
Tot Ion: 82 Resp: 867613

Ion Ratio Lower Upper

82 100

128 46.5 37.9 56.9

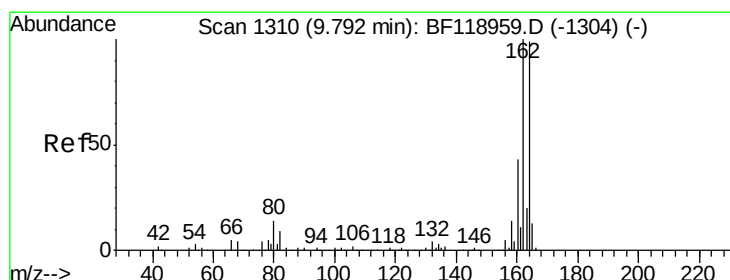
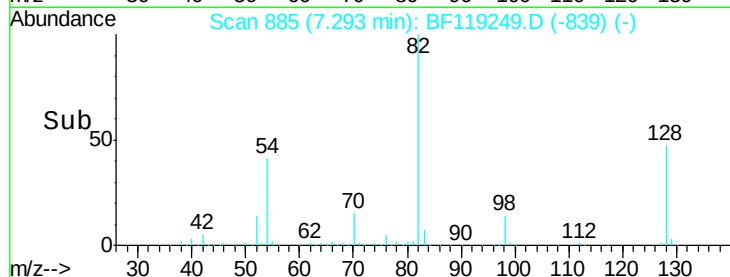
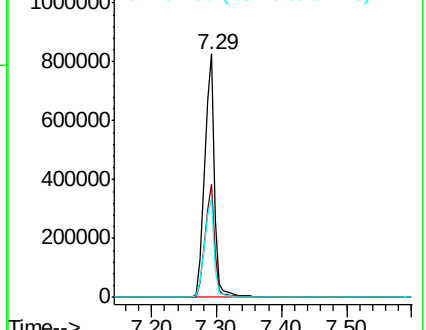
54 40.5 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

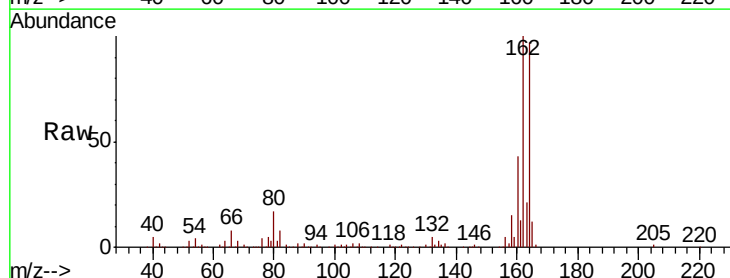
Tgt Ion:164 Resp: 295490

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

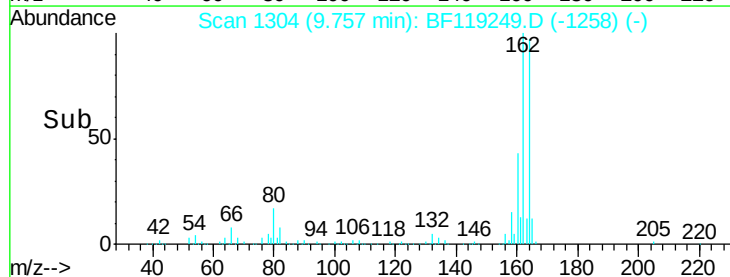
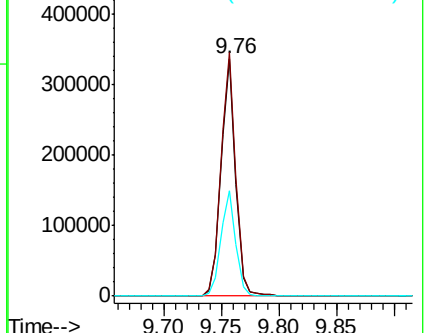
160 44.5 36.0 54.0

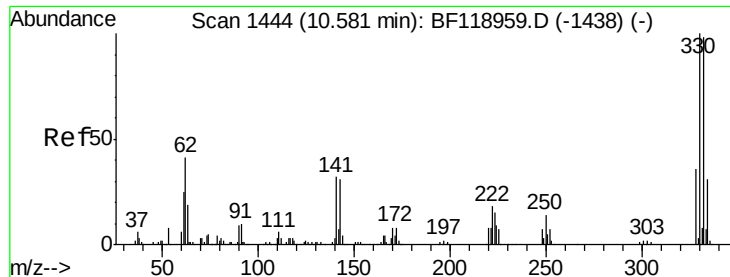


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

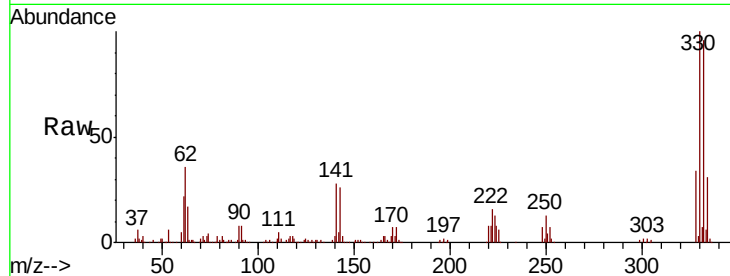




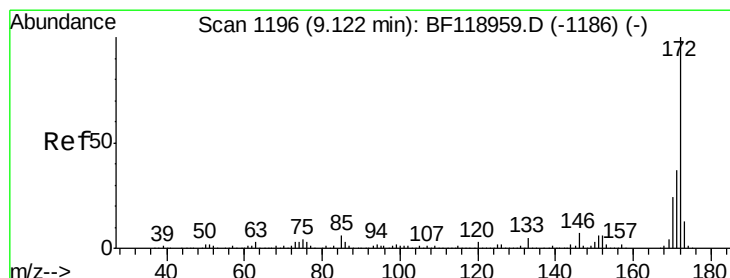
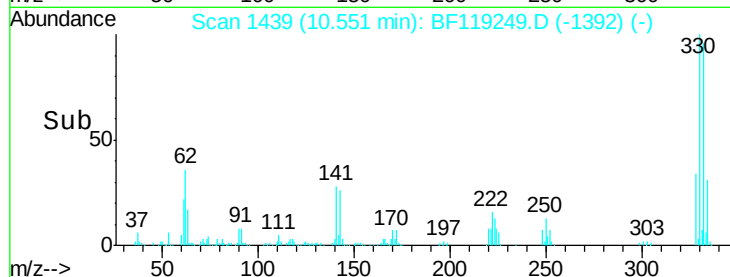
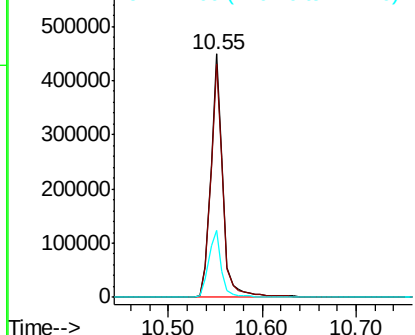
#42
 2,4,6-Tribromophenol
 Concen: 106.274 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030320

Tot Ion:330 Resp: 410803
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 29.3 22.9 34.3

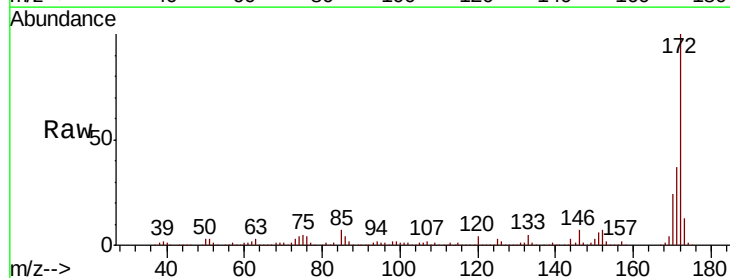


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

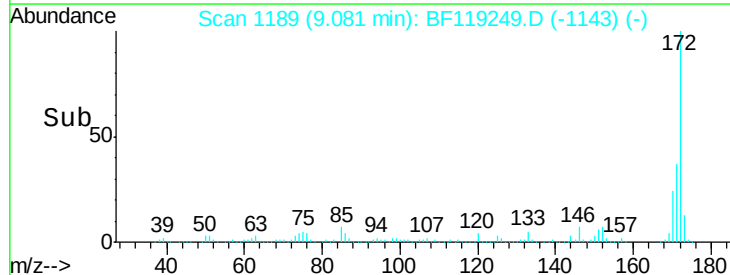
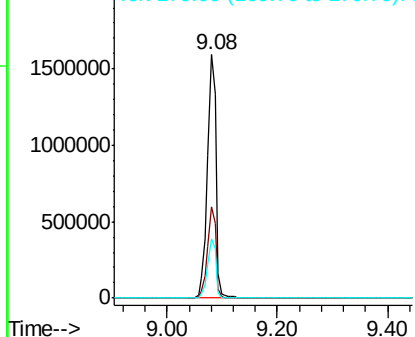


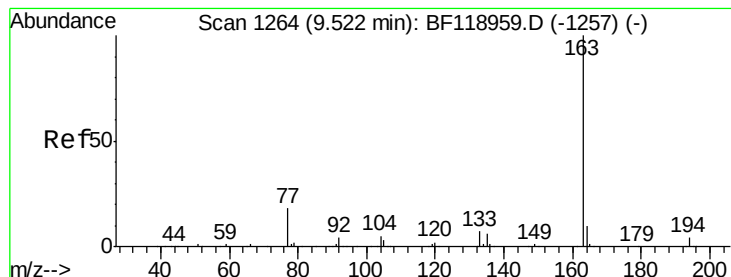
#45
 2-Fluorobiphenyl
 Concen: 82.405 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Tgt Ion:172 Resp: 1652876
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 45.8
 170 24.5 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: 6.894 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

BNA_F

ClientSampleId :

AU-06-030320

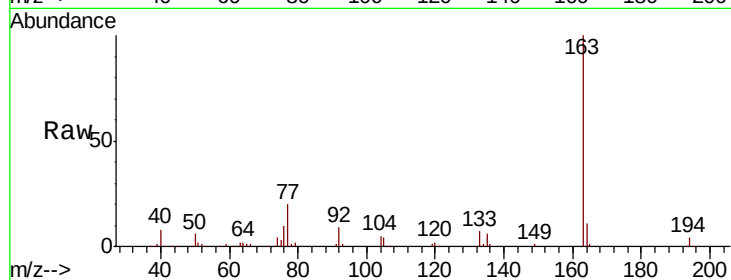
Tot Ion:163 Resp: 155775

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

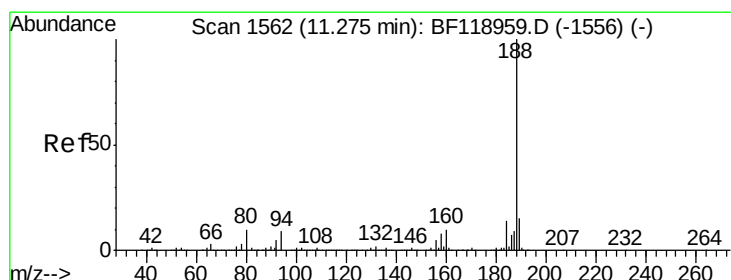
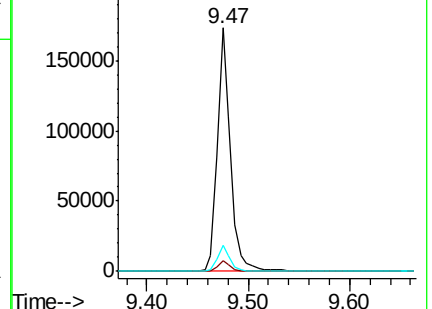
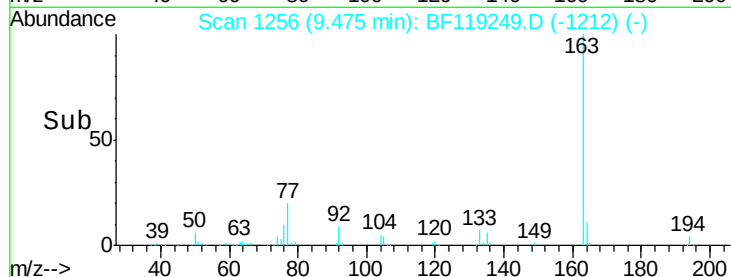
164 10.5 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

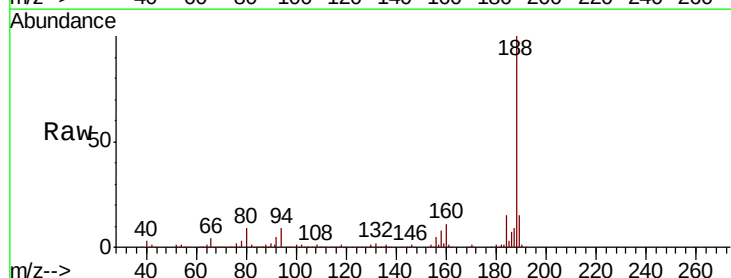
Tgt Ion:188 Resp: 466381

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

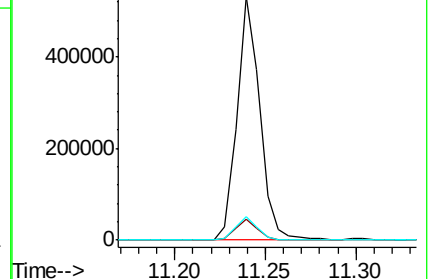
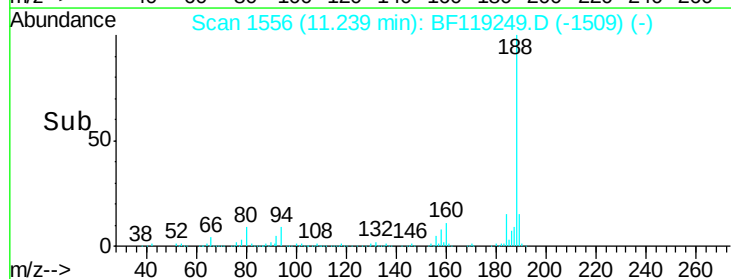
80 9.4 7.8 11.8

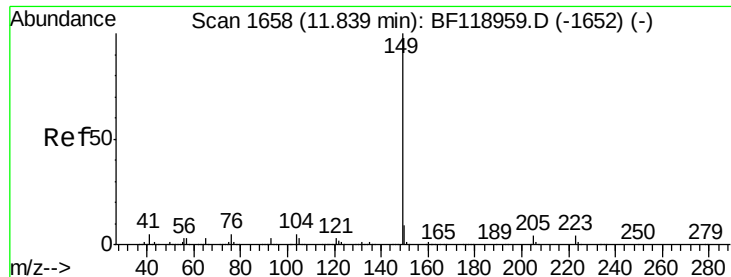


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Di-n-butylphthalate

Concen: 5.677 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

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ClientSampleId :

AU-06-030320

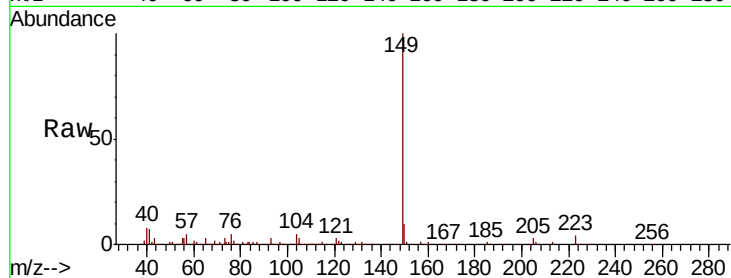
Tot Ion:149 Resp: 155649

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

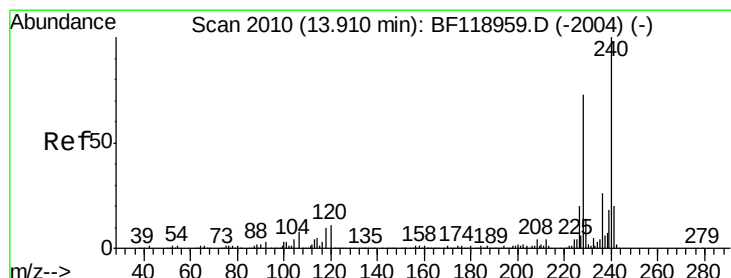
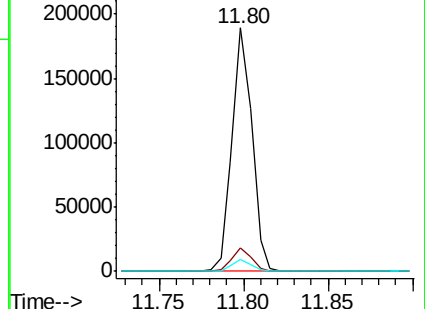
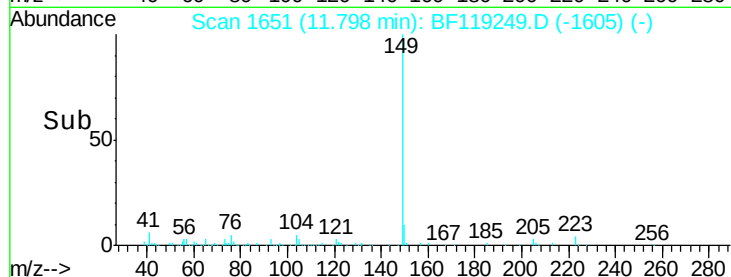
104 5.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

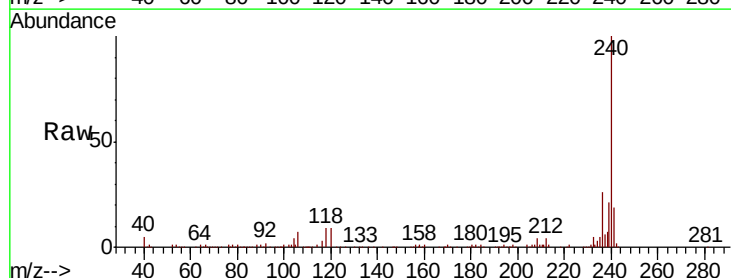
Tgt Ion:240 Resp: 262029

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

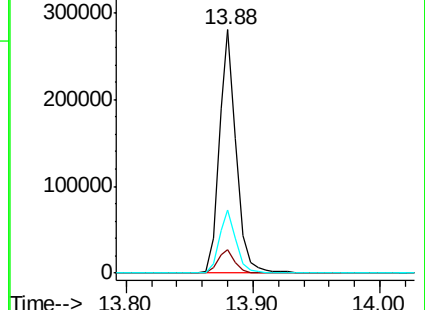
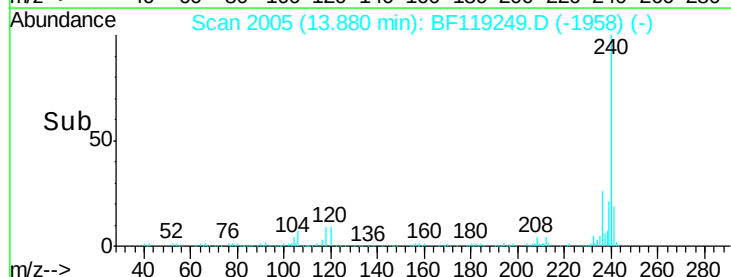
236 26.2 21.0 31.4

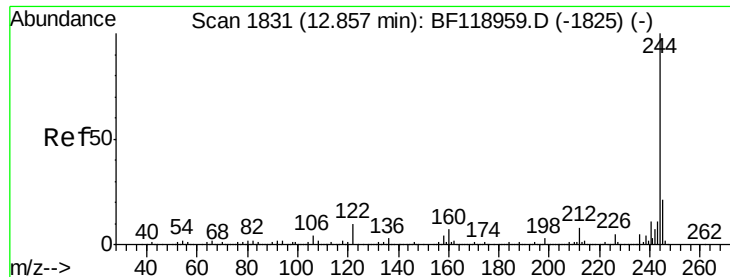


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.719 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

BNA_F

ClientSampleId :

AU-06-030320

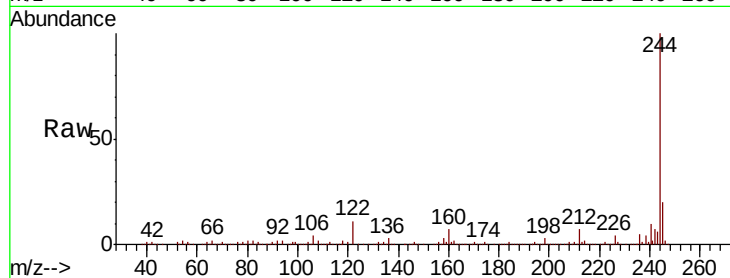
Tot Ion:244 Resp: 1441564

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

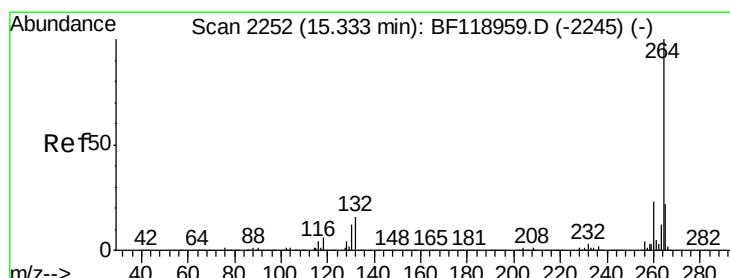
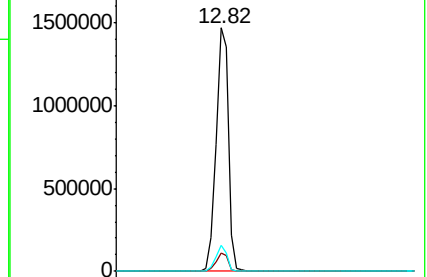
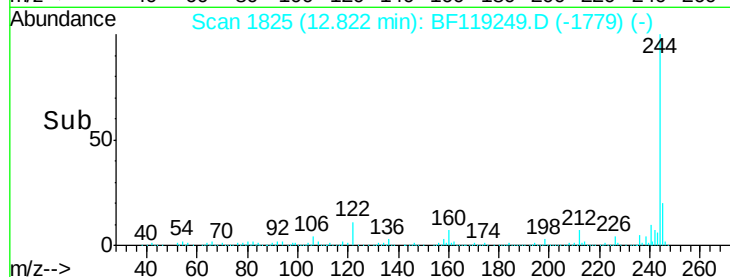
122 10.8 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

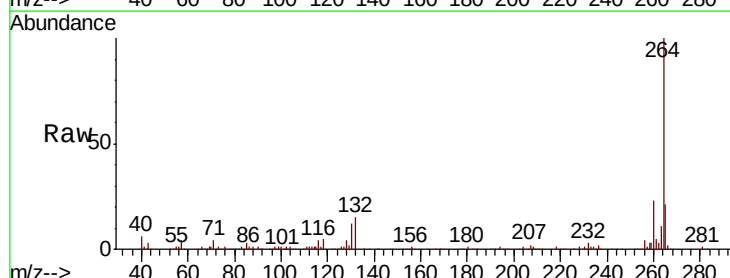
Tgt Ion:264 Resp: 319169

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.4 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

