

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120020.D
 Acq On : 16 Apr 2020 4:13
 Operator : MA/SJ
 Sample : L2261-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: Apr 16 05:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

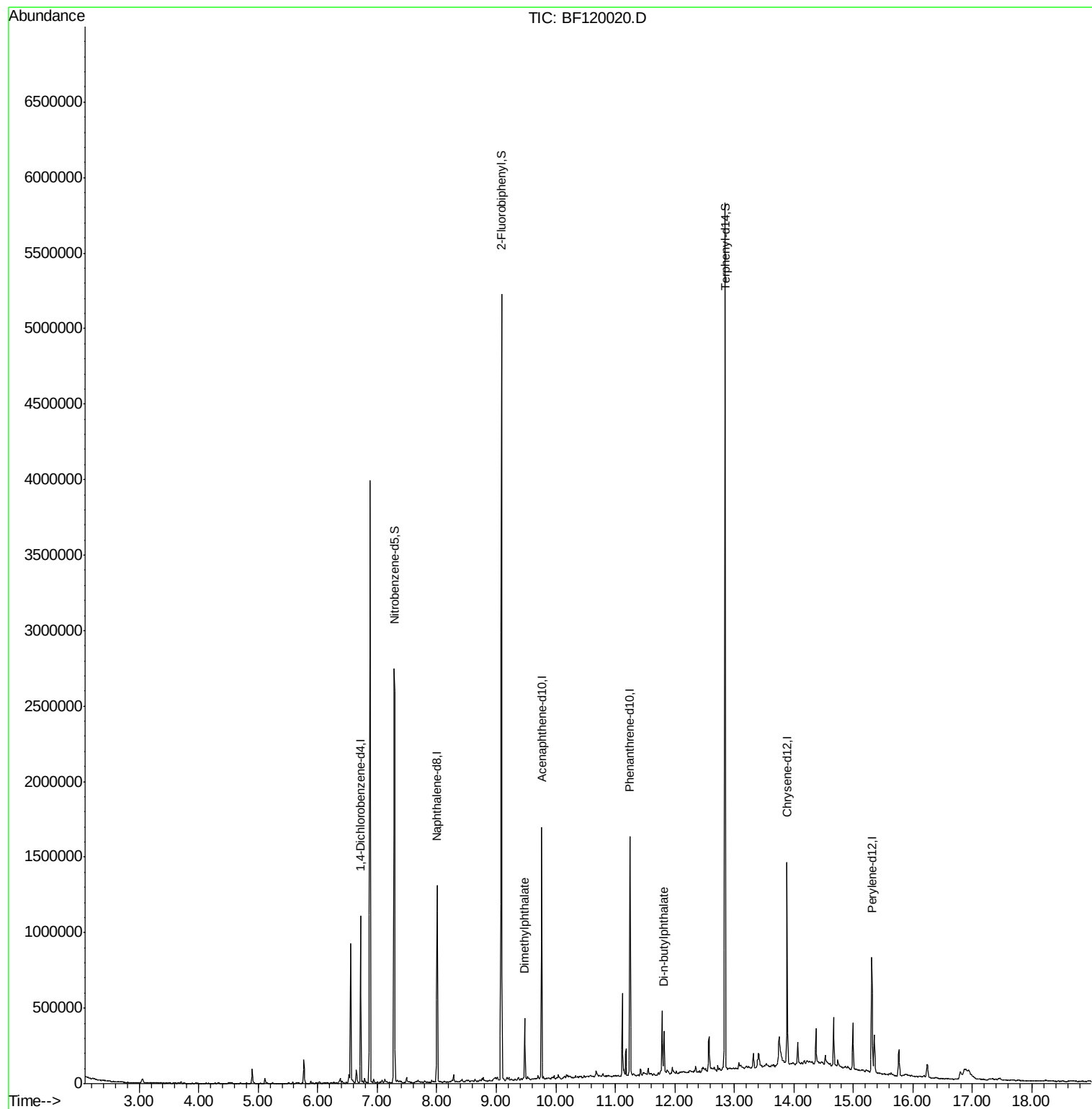
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149947	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585170	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314178	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	605101	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	442382	20.00	ng	-0.01
87) Perylene-d12	15.31	264	328835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	317	0.04	ng	0.01
7) Phenol-d6	6.36	99	3156	0.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	953563	84.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	491	0.13	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1869946	84.50	ng	0.00
79) Terphenyl-d14	12.85	244	2114127	80.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	138236	5.688	ng	100
74) Di-n-butylphthalate	11.82	149	128162	3.134	ng	99

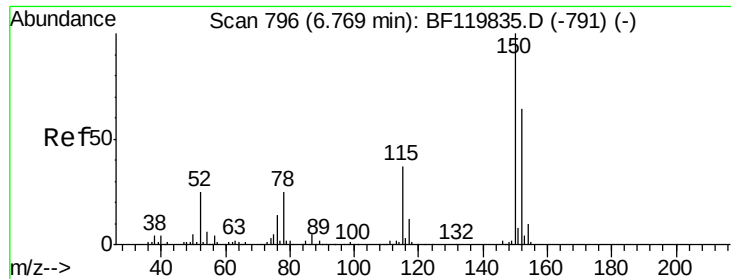
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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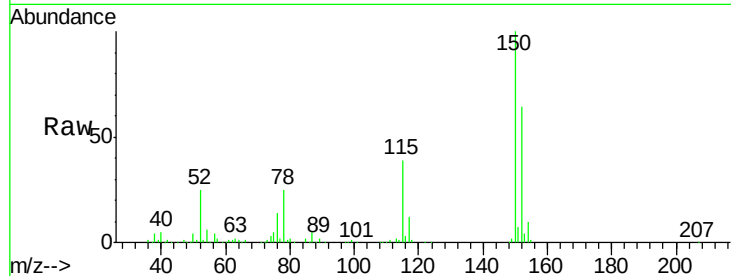


#1

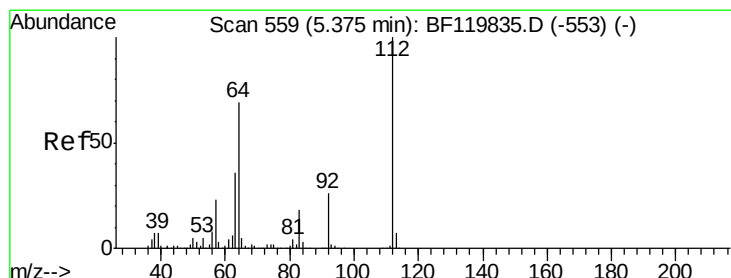
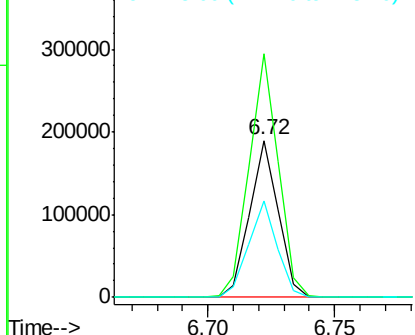
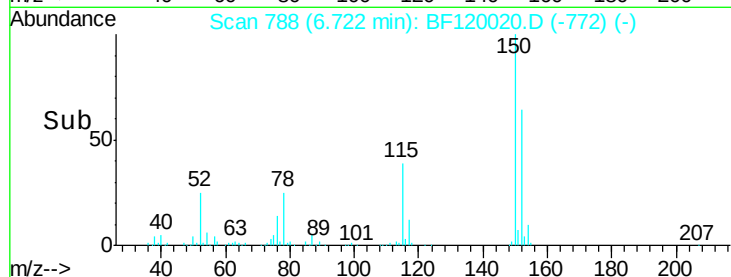
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120020.D
Acq: 16 Apr 2020 4:13

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tot Ion	152	Resp	149947
Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.8	187.2
115	61.2	46.5	69.7



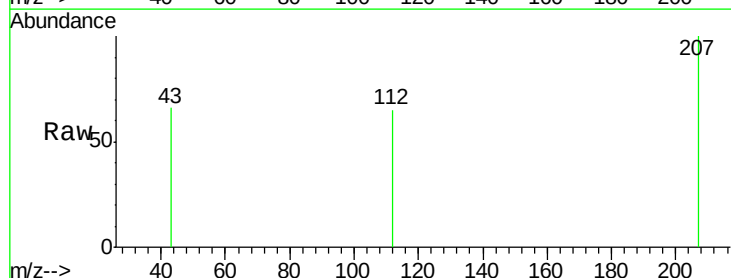
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



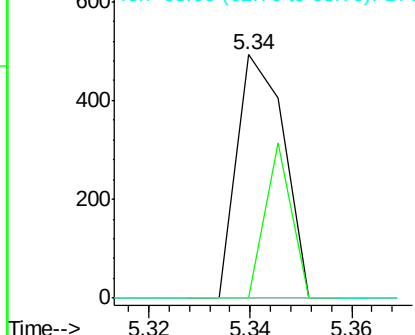
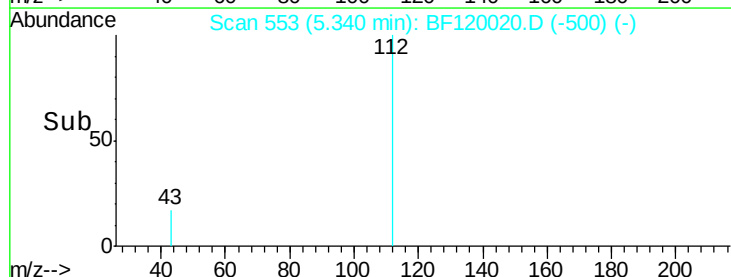
#5

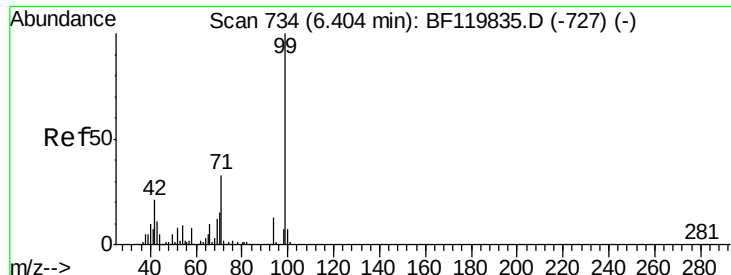
2-Fluorophenol
Concen: 0.037 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120020.D
Acq: 16 Apr 2020 4:13

Tgt Ion	112	Resp	317
Ion	Ratio	Lower	Upper
112	100		
64	0.0	55.5	83.3#
63	0.0	29.1	43.7#



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: 0.282 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

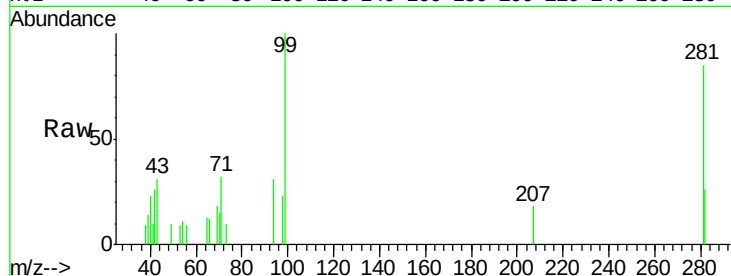
Tot Ion: 99 Resp: 3156

Ion Ratio Lower Upper

99 100

42 26.2 16.9 25.3#

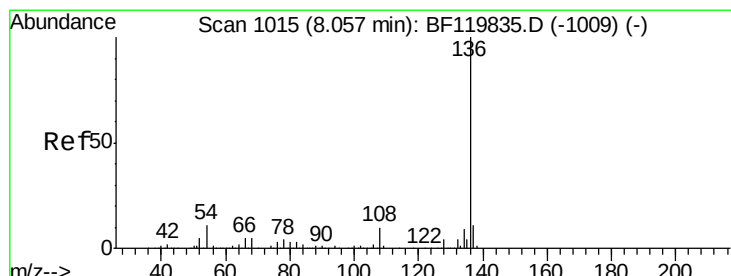
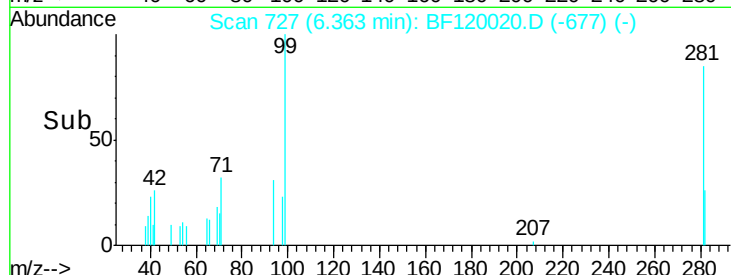
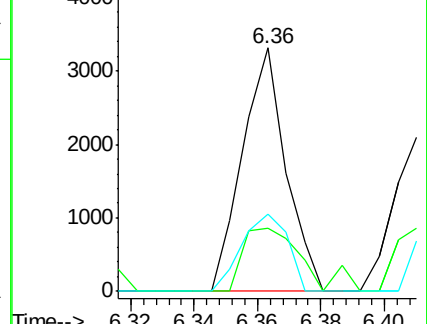
71 31.7 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Tgt Ion: 136 Resp: 585170

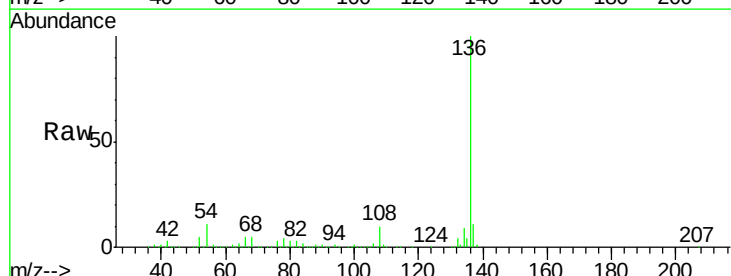
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.1 8.5 12.7

68 5.2 3.9 5.9

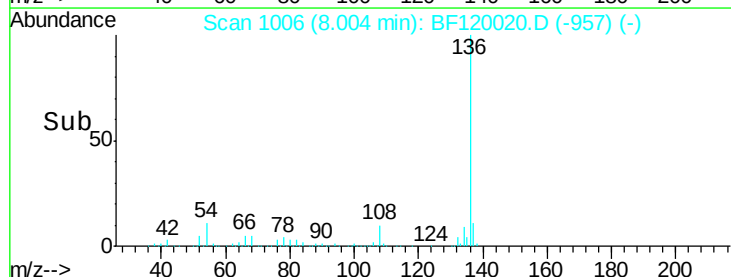
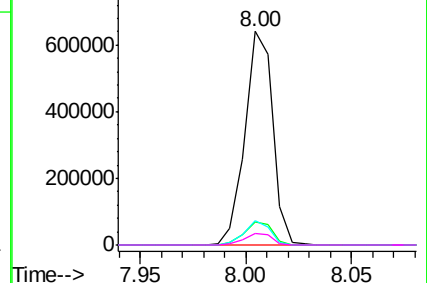


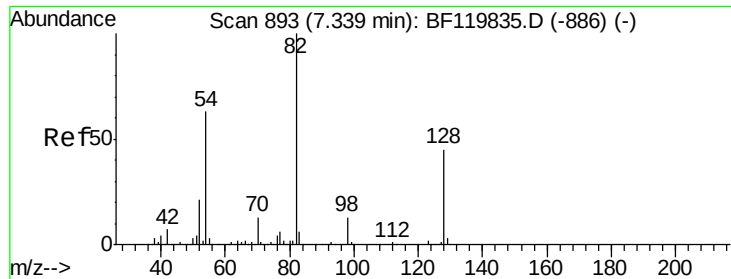
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

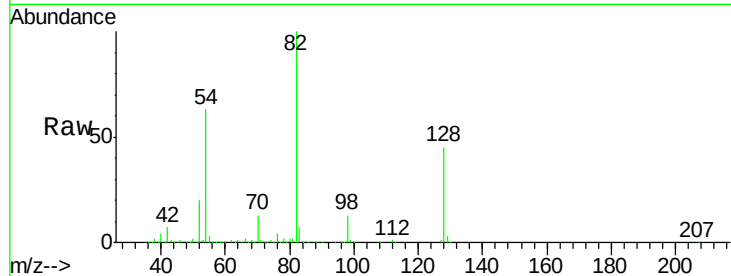




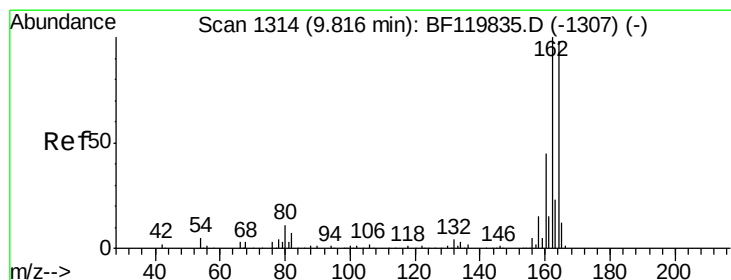
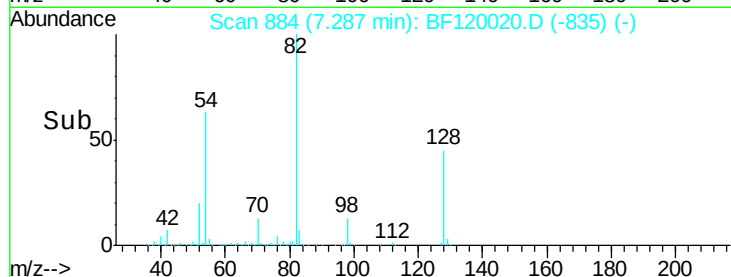
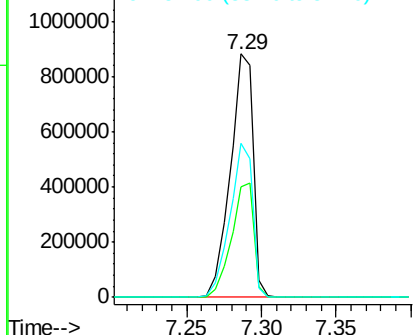
#23
 Nitrobenzene-d5
 Concen: 84.302 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Tot Ion: 82 Resp: 953563
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.2 54.4
 54 63.3 50.4 75.6

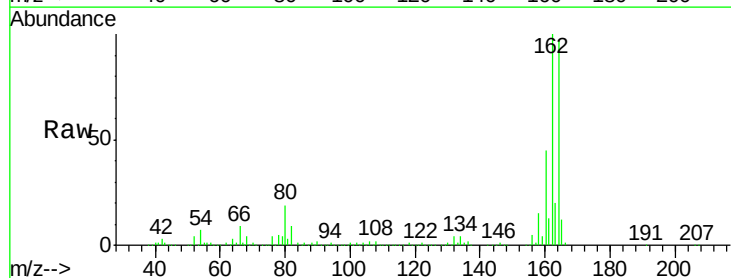


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

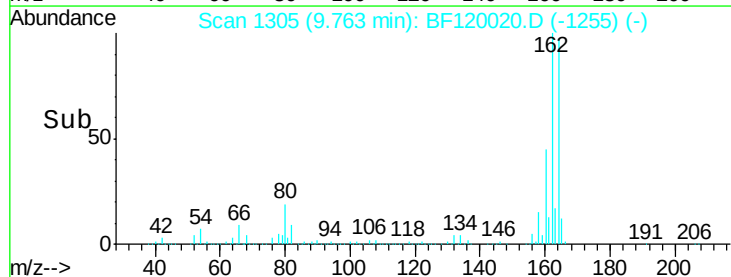
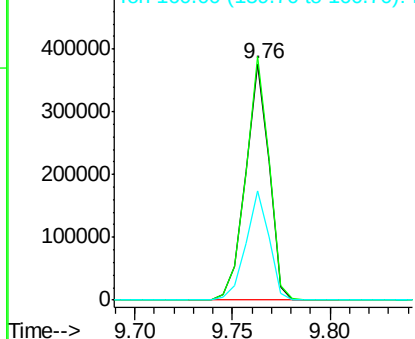


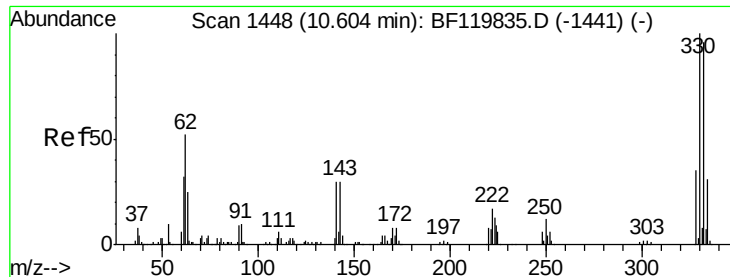
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Tgt Ion: 164 Resp: 314178
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.9 122.9
 160 46.0 36.6 54.8



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

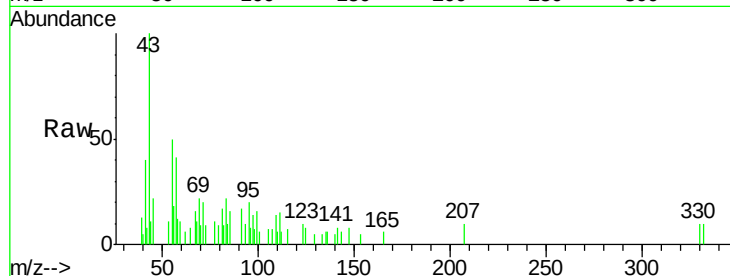




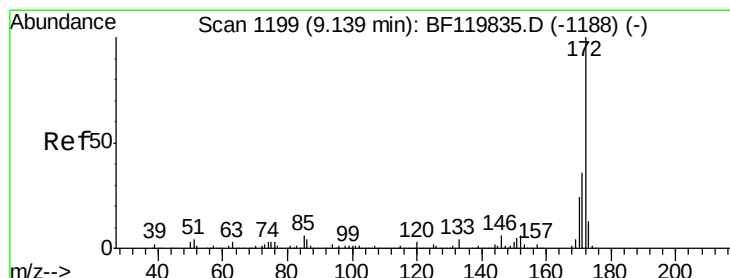
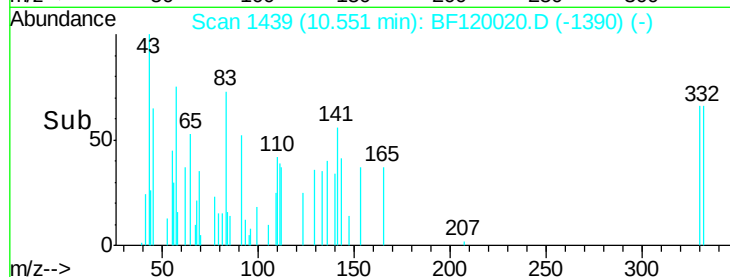
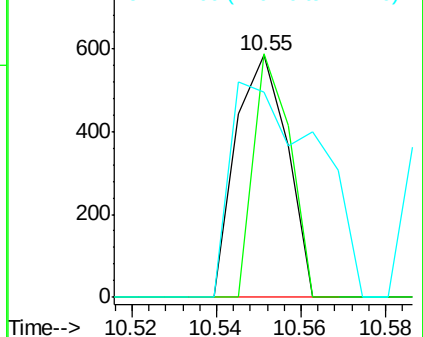
#42
 2,4,6-Tribromophenol
 Concen: 0.128 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Instrument :
 BNA_F
 ClientSampled :
 NCQ-632

Tot Ion:330 Resp: 491
 Ion Ratio Lower Upper
 330 100
 332 72.1 76.8 115.2#
 141 149.9 25.1 37.7#

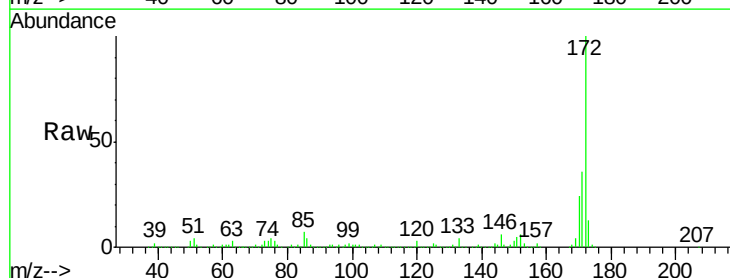


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

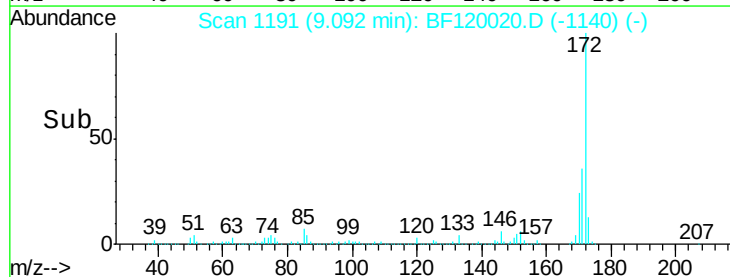
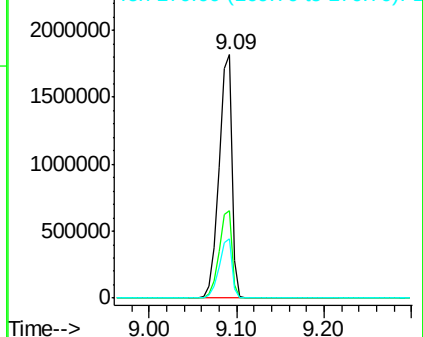


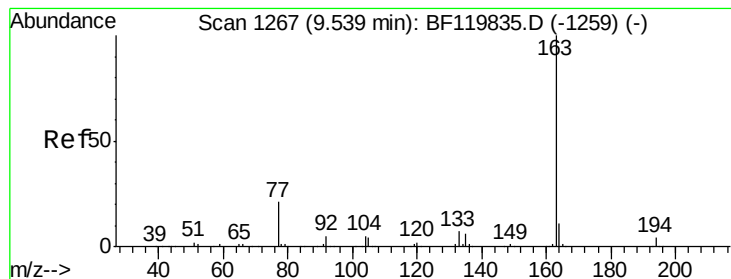
#45
 2-Fluorobiphenyl
 Concen: 84.504 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120020.D
 Acq: 16 Apr 2020 4:13

Tgt Ion:172 Resp: 1869946
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.2 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: 5.688 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

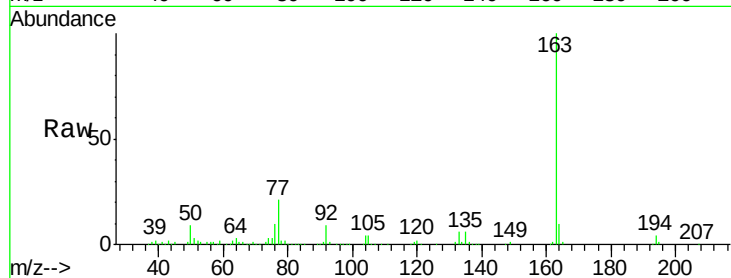
Tot Ion:163 Resp: 138236

Ion Ratio Lower Upper

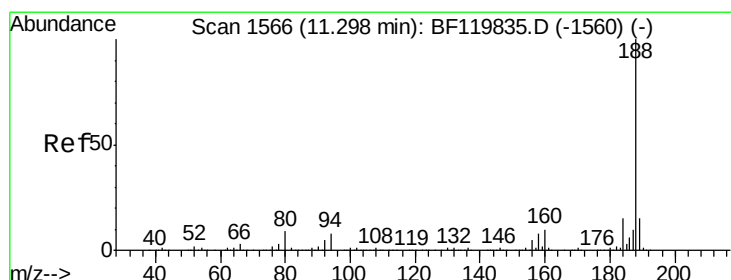
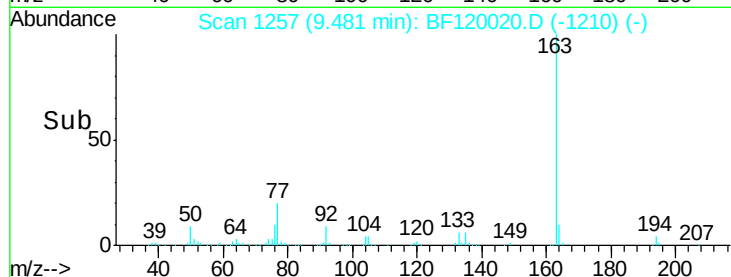
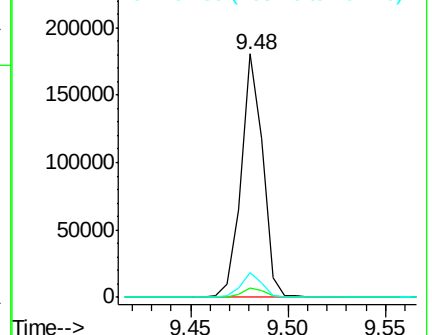
163 100

194 3.8 3.0 4.4

164 10.3 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. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

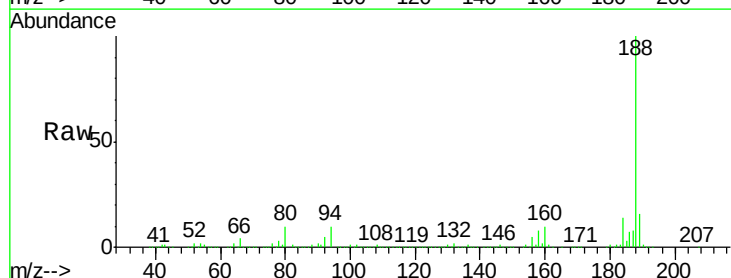
Tgt Ion:188 Resp: 605101

Ion Ratio Lower Upper

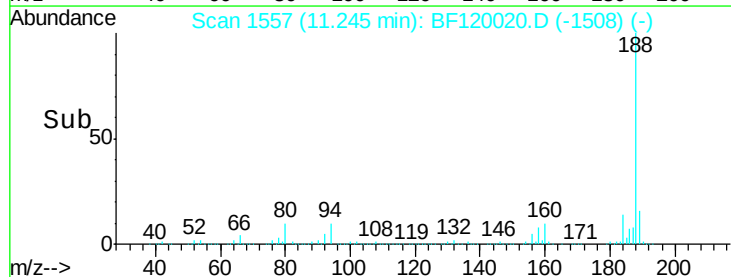
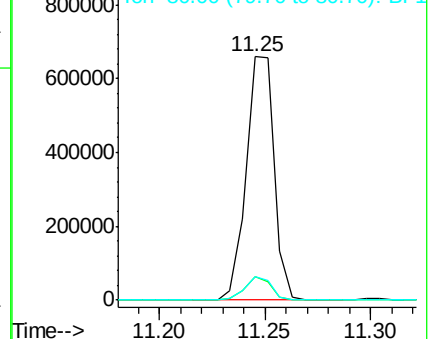
188 100

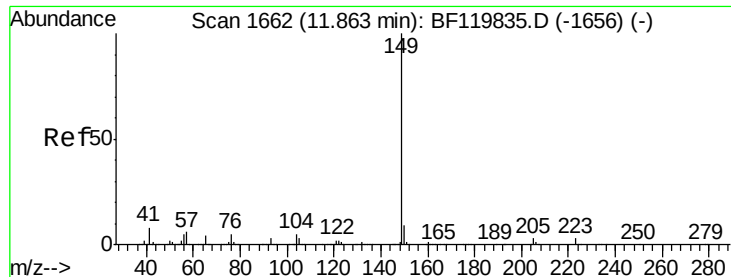
94 9.6 6.7 10.1

80 9.8 7.4 11.2



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: 3.134 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

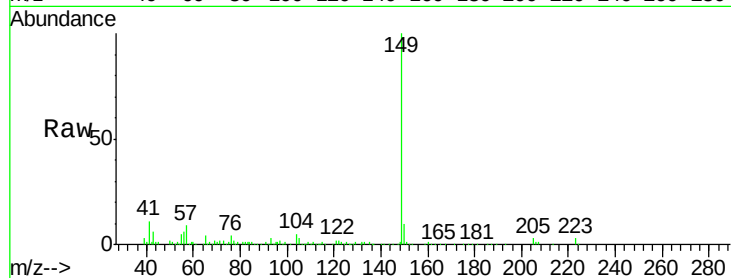
Tot Ion:149 Resp: 128162

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

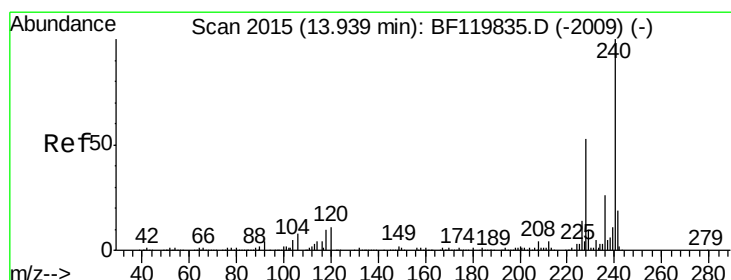
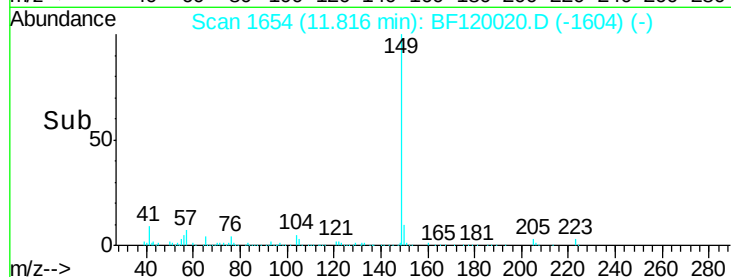
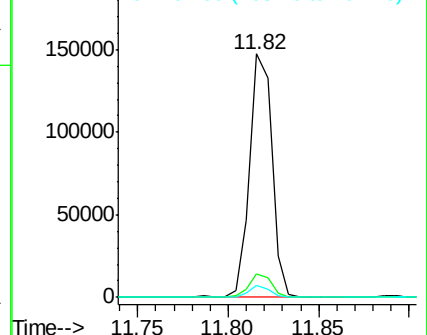
104 5.0 3.8 5.6



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

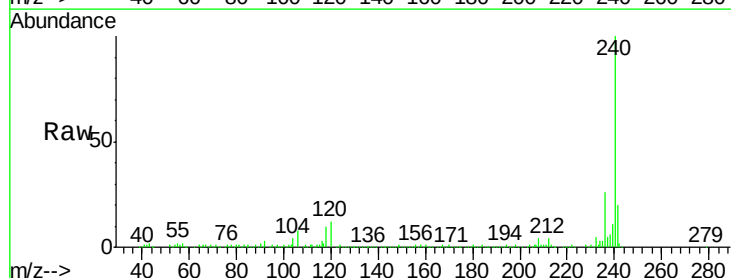
Tgt Ion:240 Resp: 442382

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

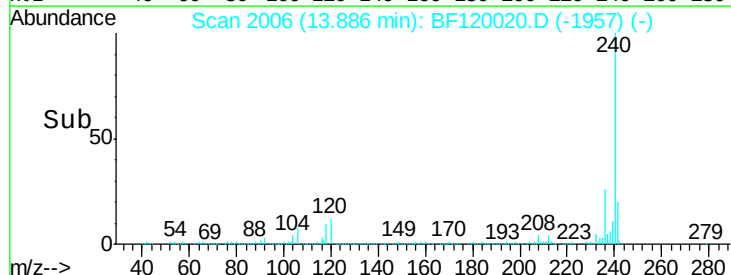
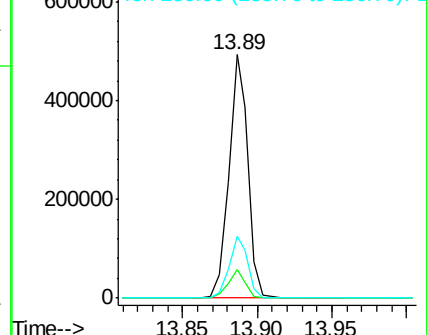
236 25.6 20.7 31.1

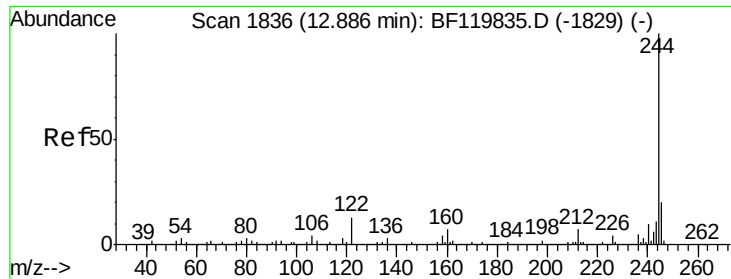


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.413 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

Instrument :

BNA_F

ClientSampleId :

NCQ-632

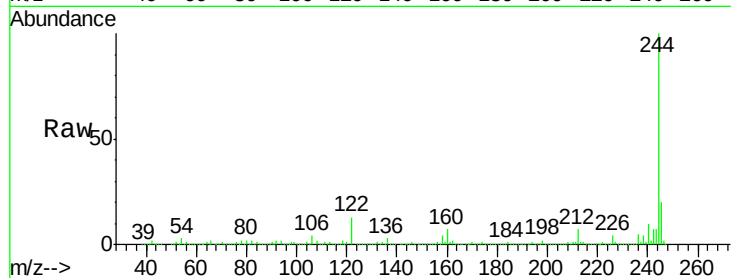
Tot Ion:244 Resp: 2114127

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

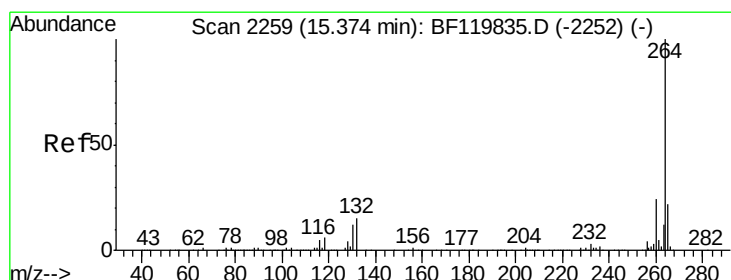
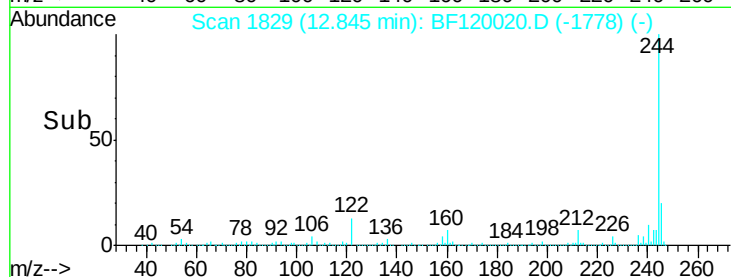
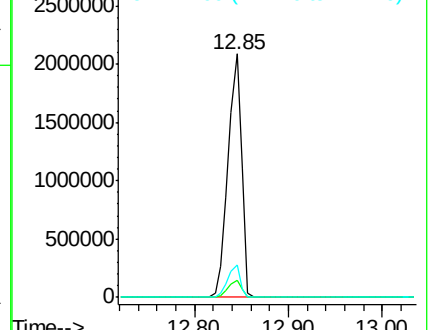
122 13.3 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF120020.D

Acq: 16 Apr 2020 4:13

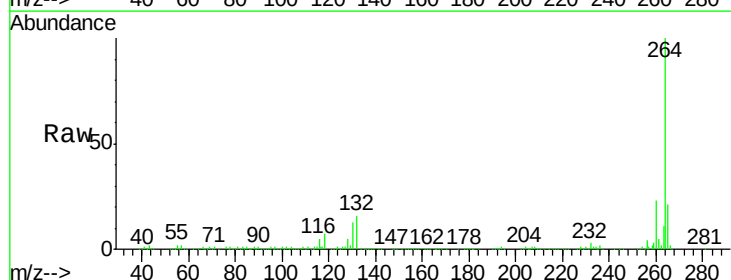
Tgt Ion:264 Resp: 328835

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 21.4 17.6 26.4



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

