

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010913.D
 Acq On : 16 Jun 2020 18:52
 Operator : CG/JU
 Sample : PB129554BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129554BL

Quant Time: Jun 16 19:22:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2646	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8622	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4462	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8692	0.40	ng	0.01
27) Chrysene-d12	21.13	240	8181	0.40	ng	0.00
34) Perylene-d12	23.27	264	8748	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2019	0.40	ng	0.00
5) Phenol-d6	6.75	99	2066	0.34	ng	0.00
8) Nitrobenzene-d5	8.69	82	2385	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	5405	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	397	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	6293	0.36	ng	0.01
25) Fluoranthene-d10	18.96	212	10443	0.44	ng	0.00
29) Terphenyl-d14	19.57	244	7640	0.40	ng	0.00

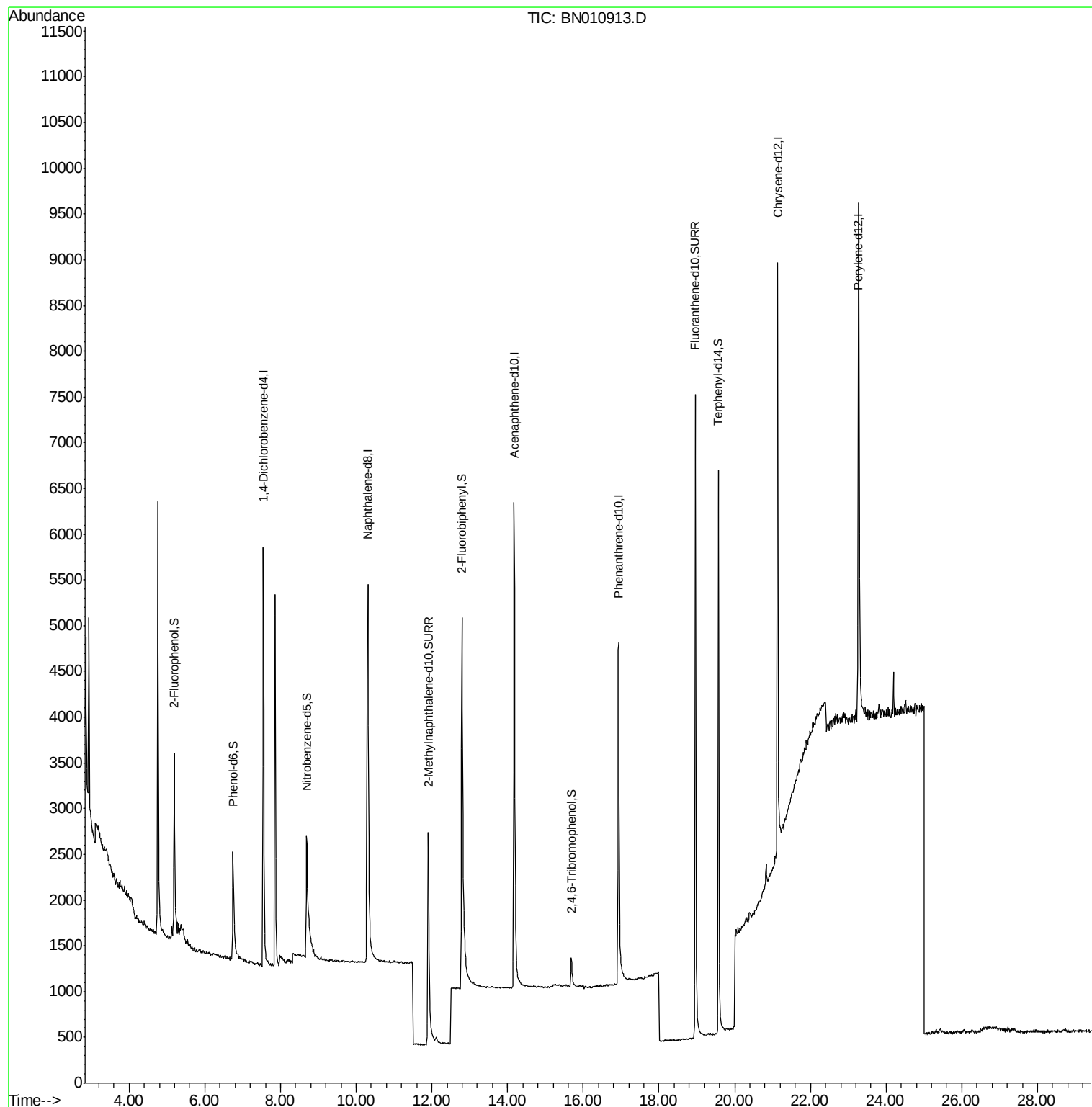
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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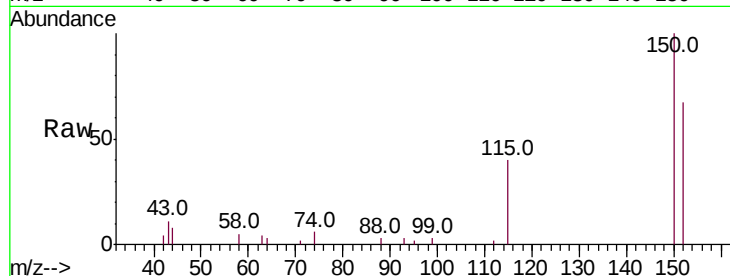


#1

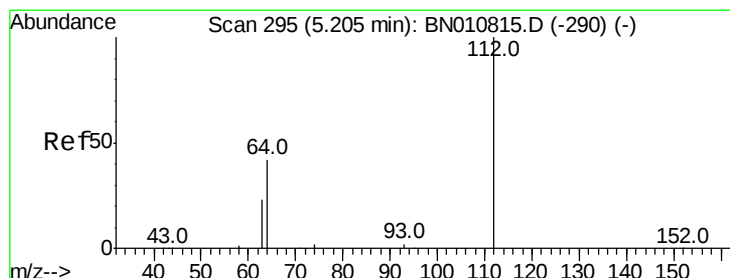
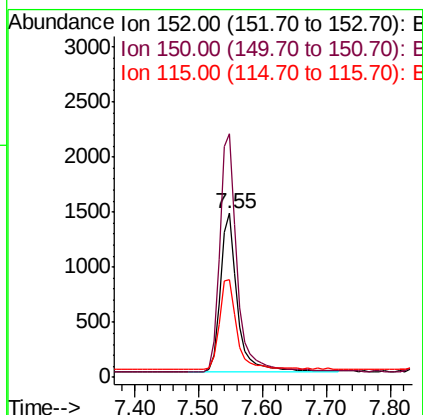
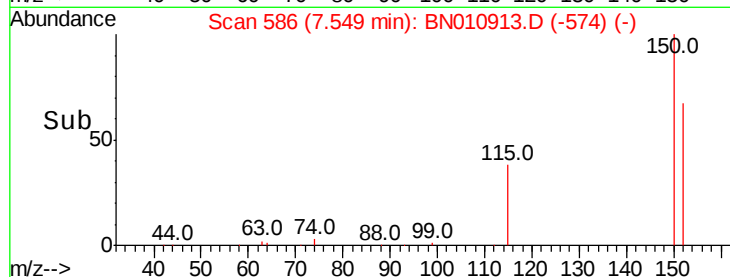
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.55 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB129554BL

Tot Ion:152 Resp: 2646
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.8 185.6
 115 59.5 49.2 73.8



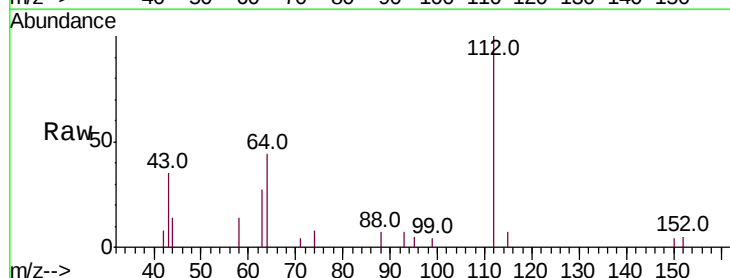
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



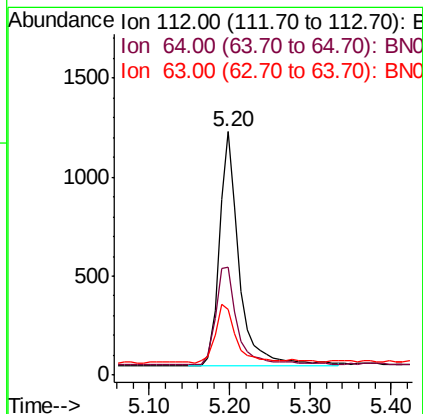
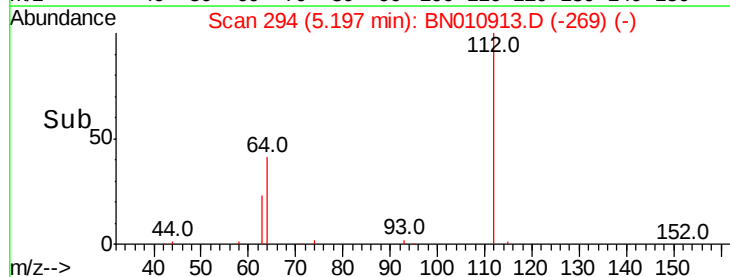
#4

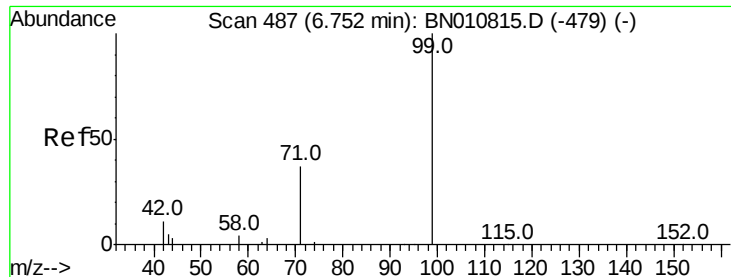
2-Fluorophenol
 Concen: 0.395 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

Tgt Ion:112 Resp: 2019
 Ion Ratio Lower Upper
 112 100
 64 46.7 37.4 56.0
 63 25.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

Instrument :

BNA_N

ClientSampleId :

PB129554BL

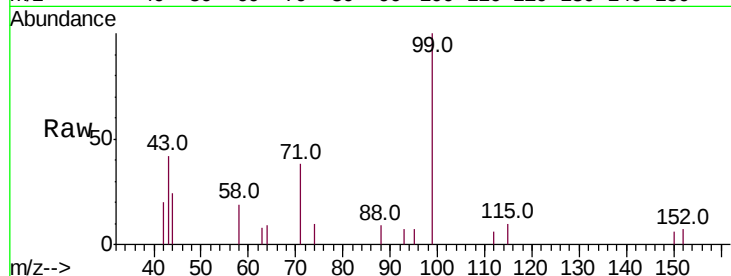
Tot Ion: 99 Resp: 2066

Ion Ratio Lower Upper

99 100

42 12.9 11.1 16.7

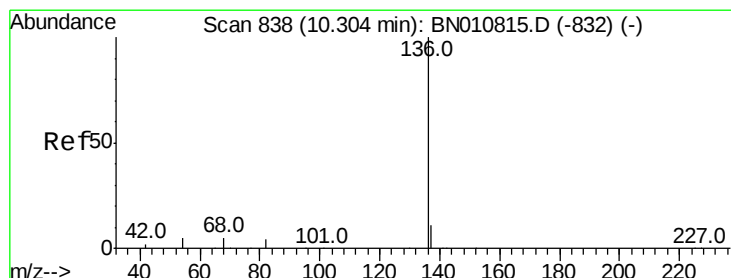
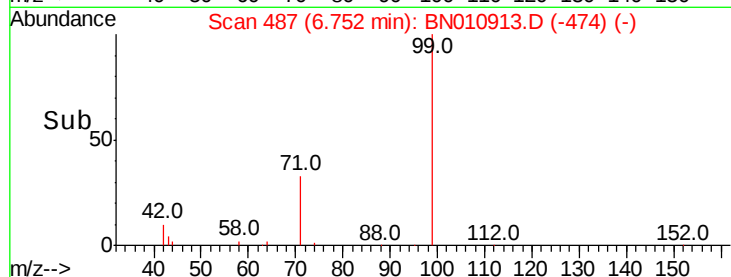
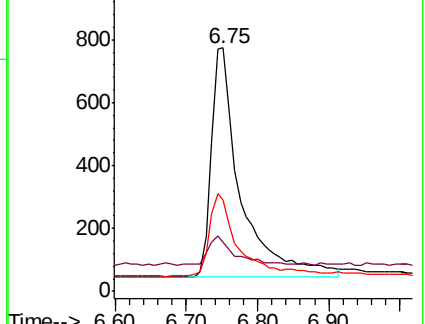
71 36.9 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010913.D (-822) (-)

Ion 42.00 (41.70 to 42.70): BN010913.D (-822) (-)

Ion 71.00 (70.70 to 71.70): BN010913.D (-822) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

Tgt Ion: 136 Resp: 8622

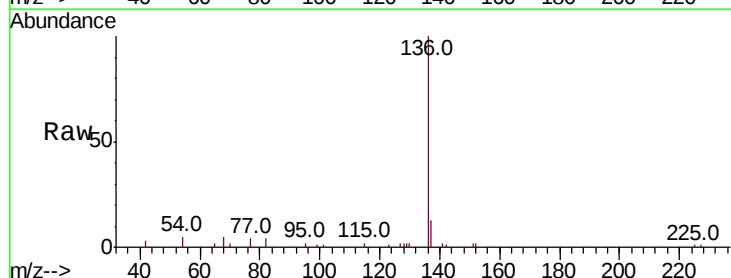
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 4.8 4.9 7.3#

68 5.4 4.7 7.1

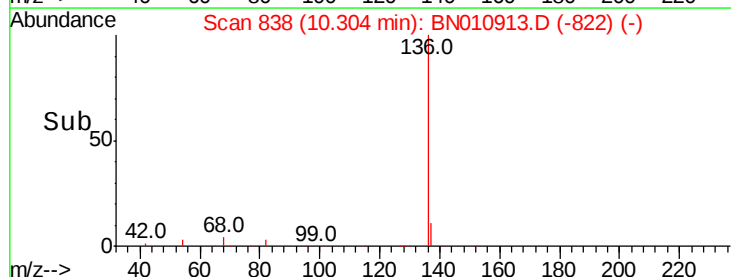
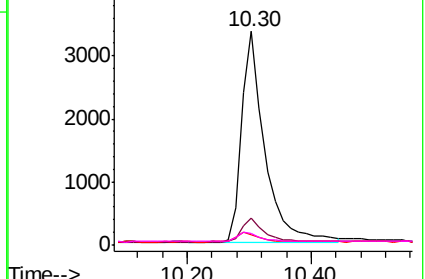


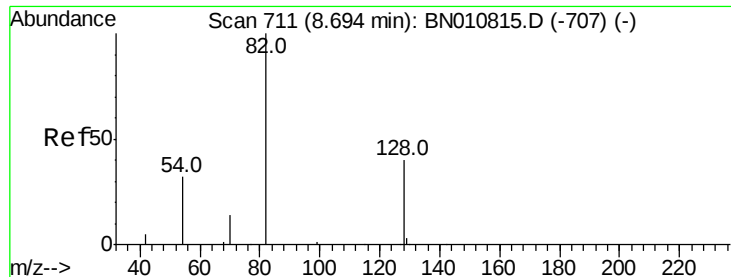
Abundance Ion 136.00 (135.70 to 136.70): BN010913.D (-822) (-)

Ion 137.00 (136.70 to 137.70): BN010913.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN010913.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010913.D (-822) (-)

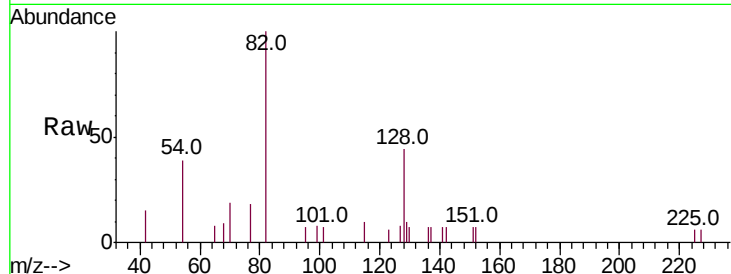




#8
 Nitrobenzene-d5
 Concen: 0.374 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB129554BL

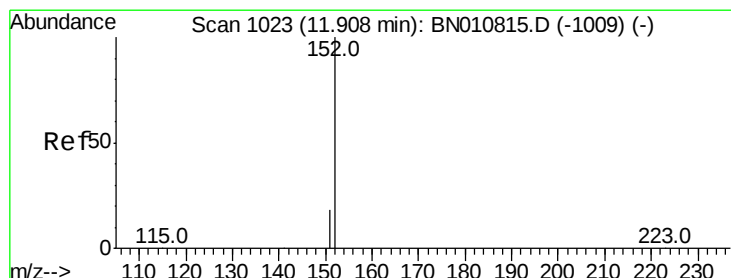
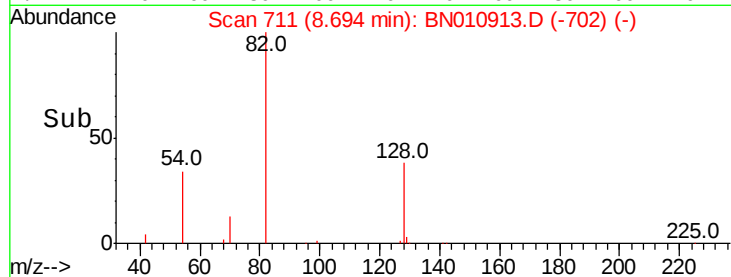
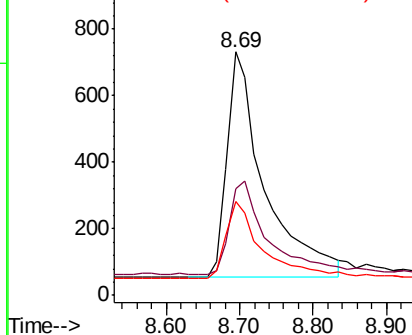
Tot Ion	82	Resp	2385
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.4	53.0
54	38.8	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010913.D (-975) (-)

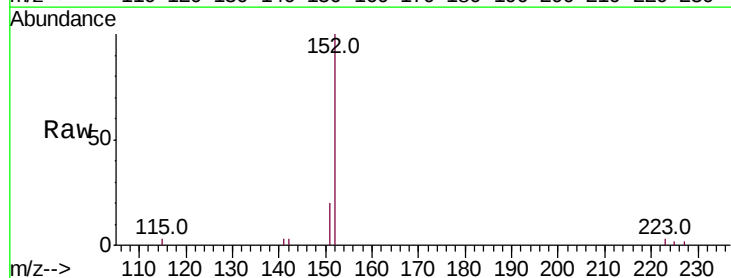
Ion 128.00 (127.70 to 128.70): BN010913.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BN010913.D (-975) (-)



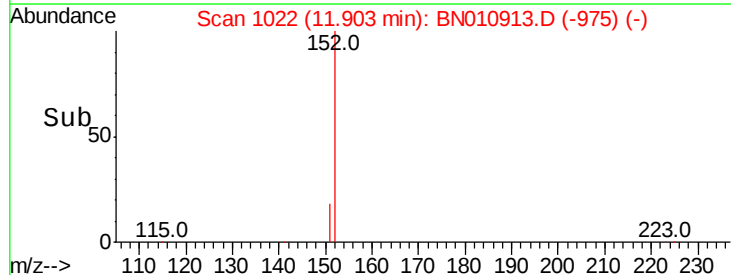
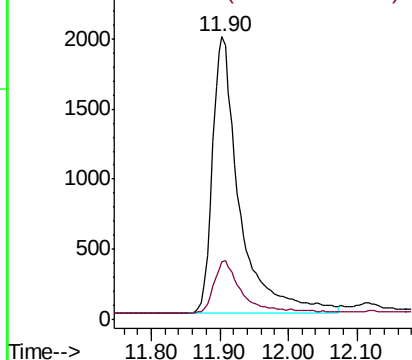
#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

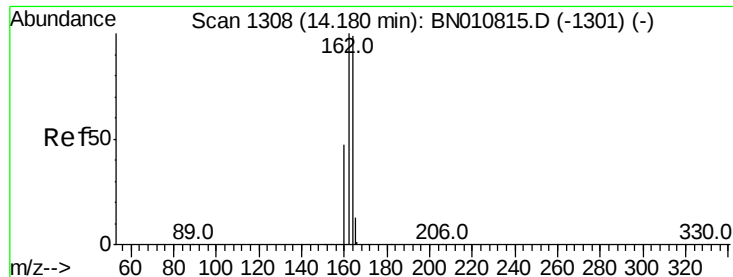
Tgt Ion	152	Resp	5405
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010913.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010913.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

Instrument :

BNA_N

ClientSampleId :

PB129554BL

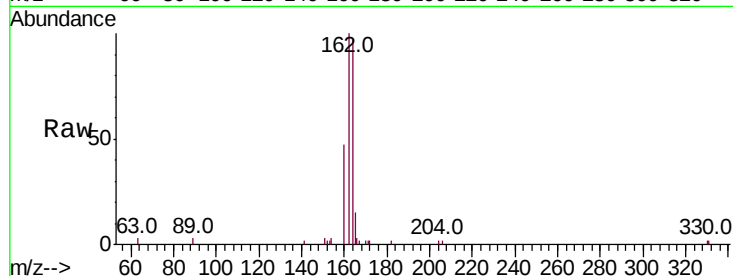
Tot Ion:164 Resp: 4462

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.6

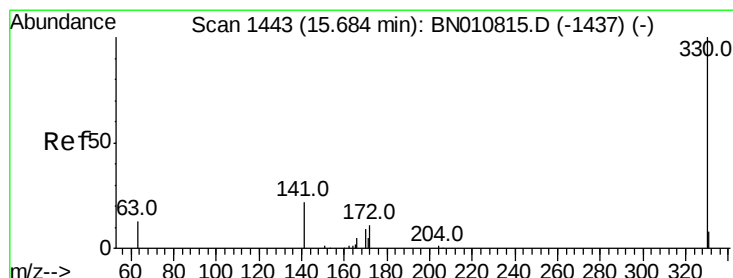
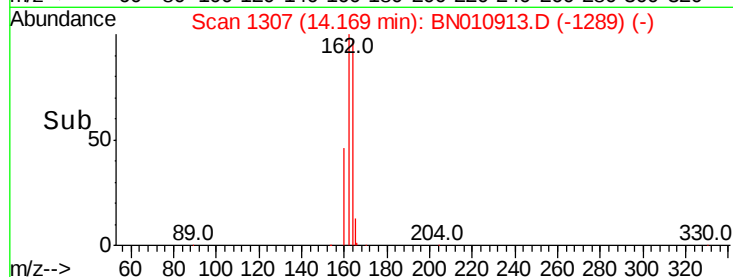
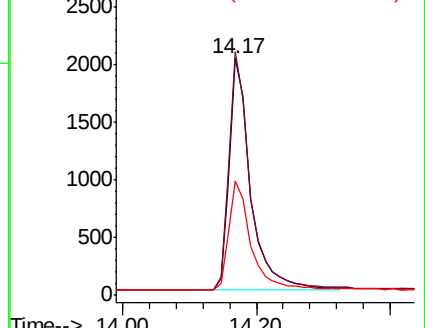
160 48.1 38.9 58.3



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



#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

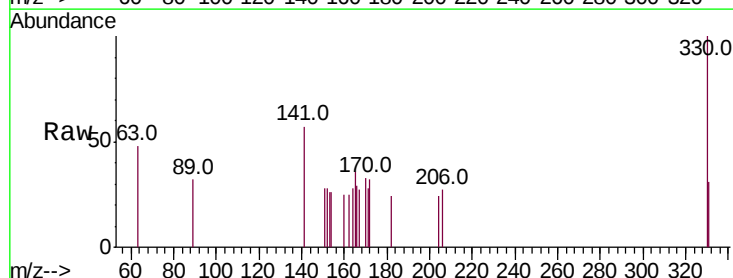
Tgt Ion:330 Resp: 397

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

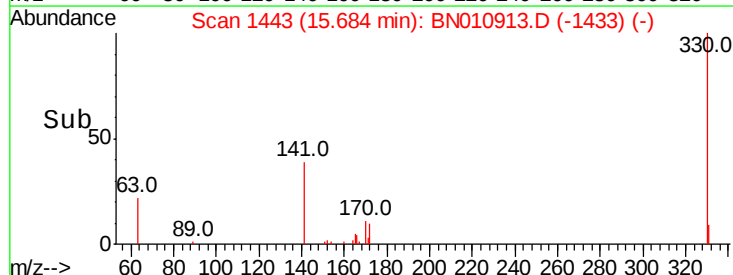
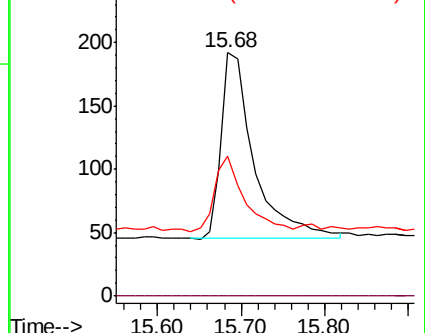
141 36.8 33.2 49.8

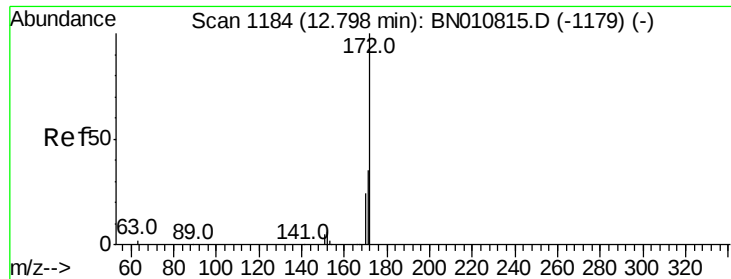


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



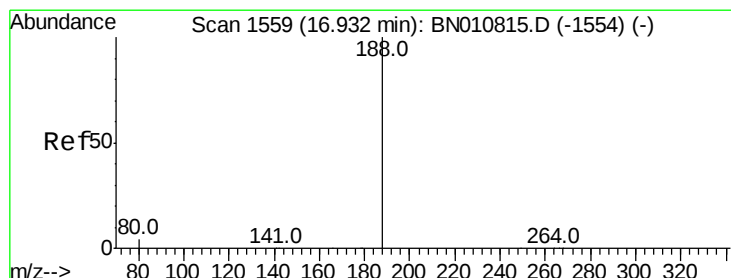
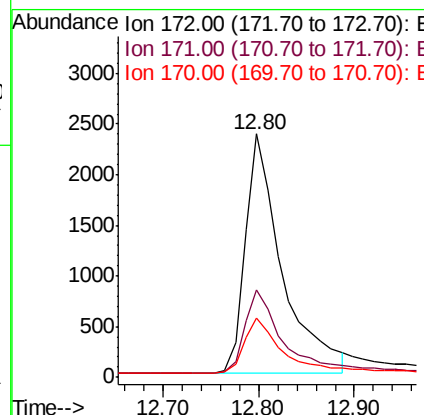
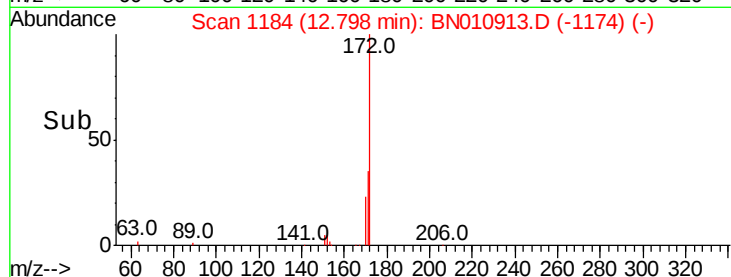
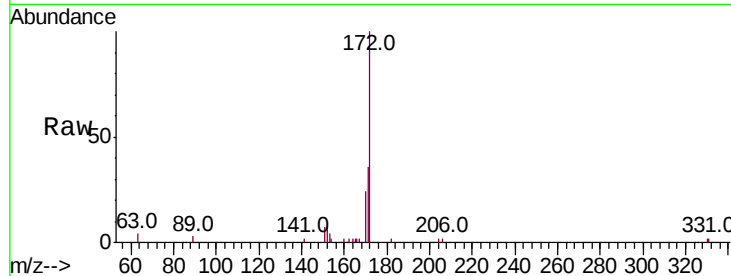


#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

Instrument :
 BNA_N
 ClientSampleId :
 PB129554BL

Tot Ion:172 Resp: 6293

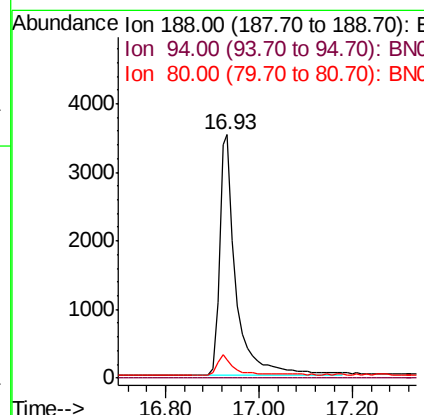
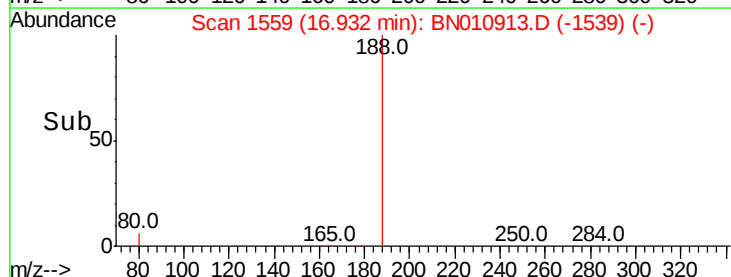
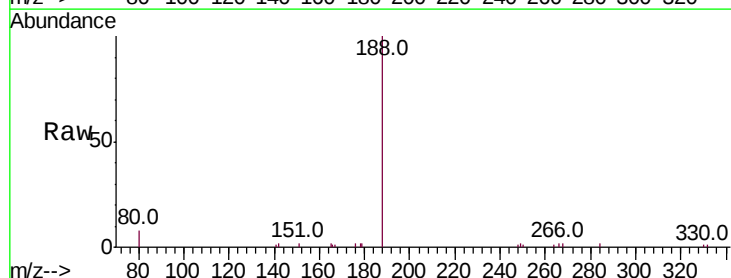
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.1	19.7	29.5

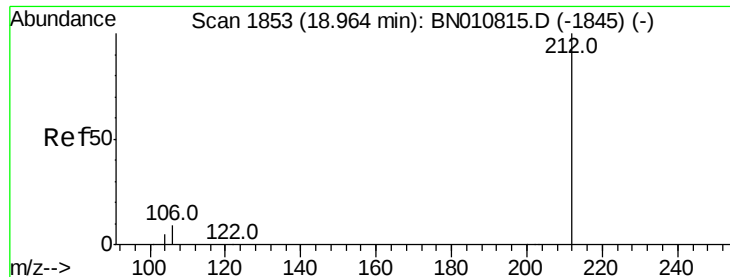


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.93 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BN010913.D
 Acq: 16 Jun 2020 18:52

Tgt Ion:188 Resp: 8692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	4.5	6.7





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

Instrument :

BNA_N

ClientSampleId :

PB129554BL

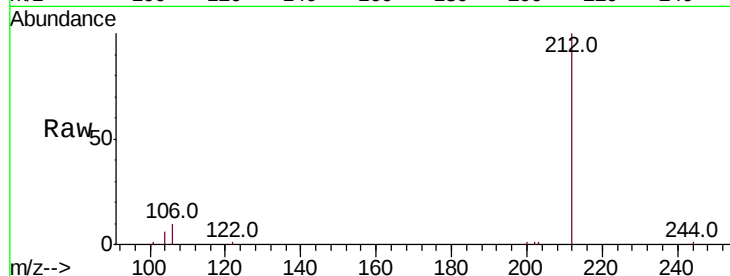
Tot Ion:212 Resp: 10443

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

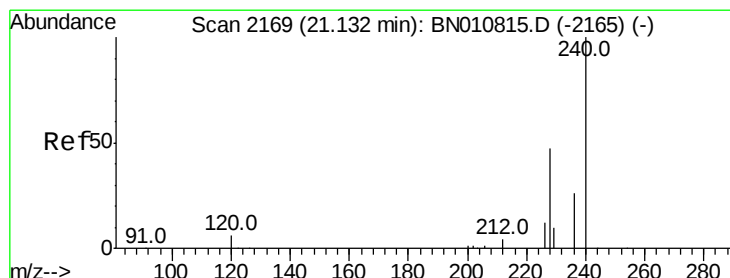
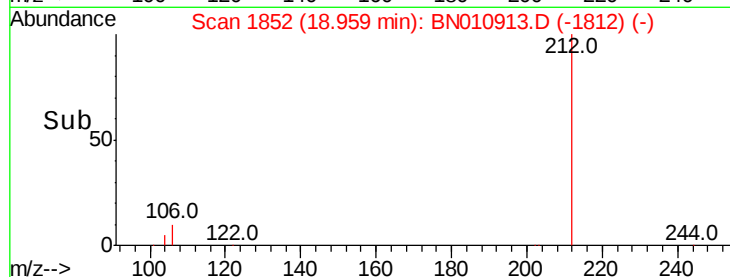
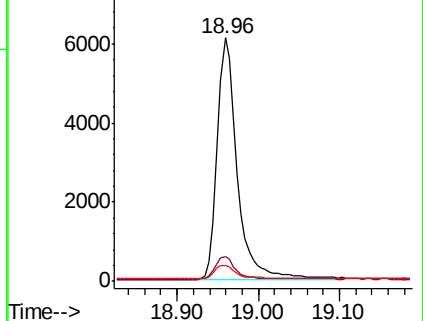
104 5.9 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

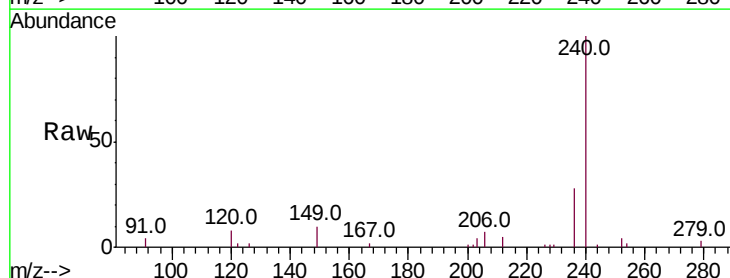
Tgt Ion:240 Resp: 8181

Ion Ratio Lower Upper

240 100

120 8.1 7.5 11.3

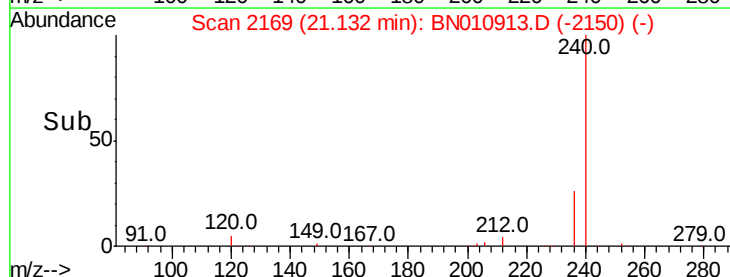
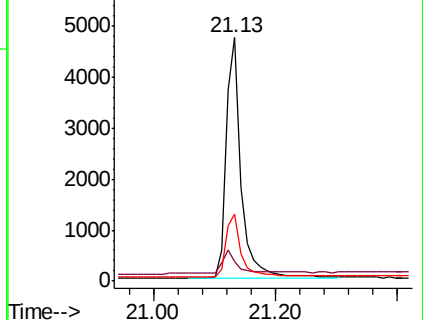
236 27.7 22.3 33.5

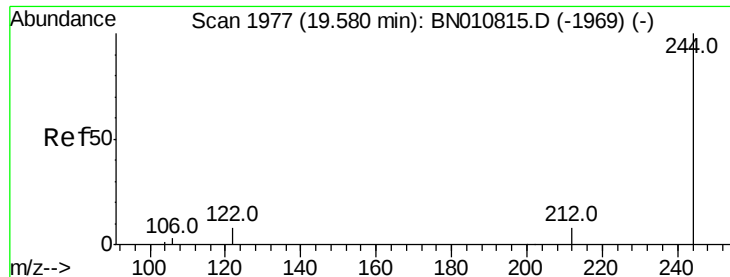


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

Instrument :

BNA_N

ClientSampleId :

PB129554BL

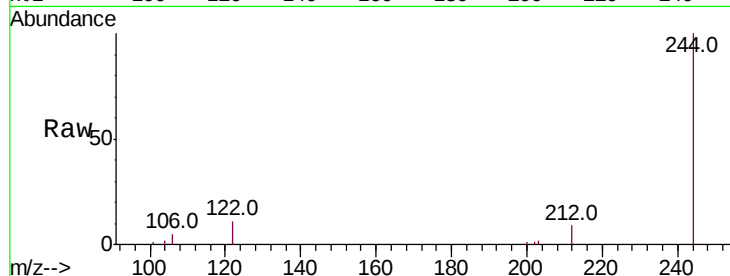
Tot Ion:244 Resp: 7640

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

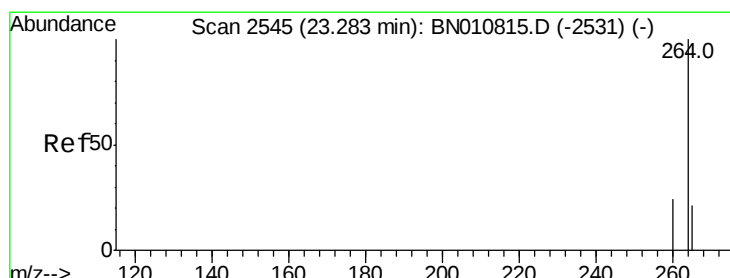
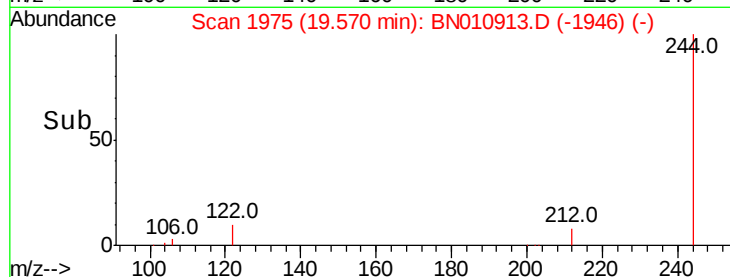
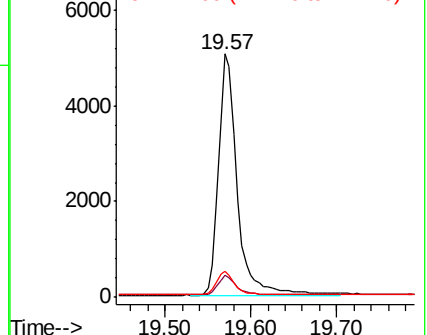
122 10.5 7.5 11.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010913.D

Acq: 16 Jun 2020 18:52

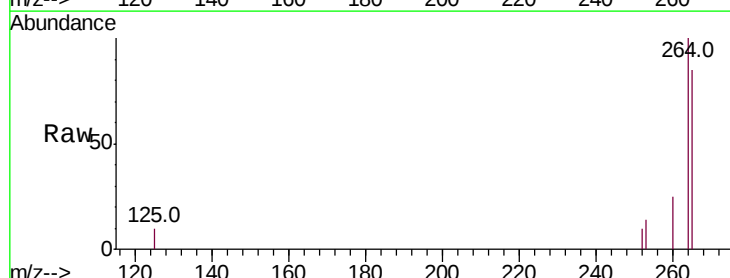
Tgt Ion:264 Resp: 8748

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 85.1 75.0 112.4



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

