

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011763.D
 Acq On : 09 Sep 2020 10:30
 Operator : CG/JU
 Sample : PB131470BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BL

Quant Time: Sep 09 11:02:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2709	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	10002	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	5568	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	12932	0.40	ng	0.00
29) Chrysene-d12	21.31	240	12254	0.40	ng	0.00
36) Perylene-d12	23.56	264	11891	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2588	0.34	ng	0.00
5) Phenol-d6	6.89	99	3128	0.30	ng	0.00
8) Nitrobenzene-d5	8.87	82	3322	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5547	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	764	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7988	0.34	ng	0.00
27) Fluoranthene-d10	19.15	212	12115	0.29	ng	0.00
31) Terphenyl-d14	19.75	244	10589	0.35	ng	0.00

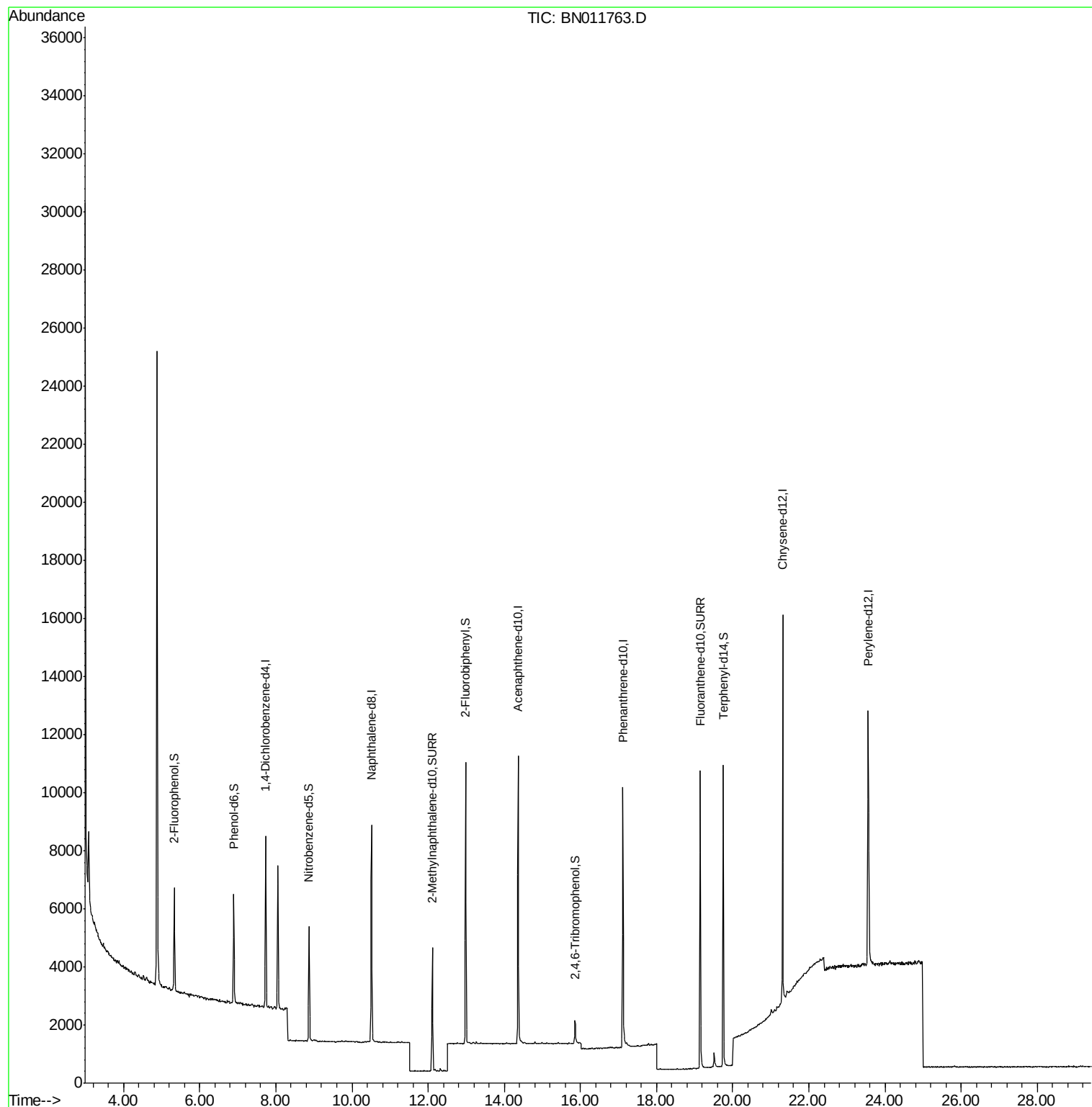
Target Compounds	Qvalue
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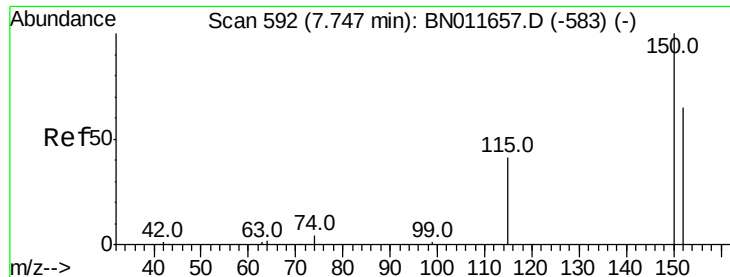
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 11:02:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Instrument :

BNA_N

ClientSampleId :

PB131470BL

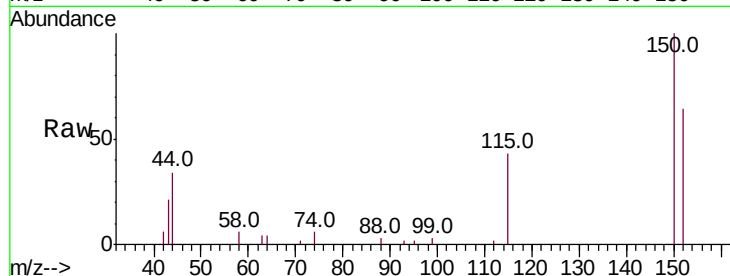
Tot Ion:152 Resp: 2709

Ion Ratio Lower Upper

152 100

150 155.4 121.0 181.6

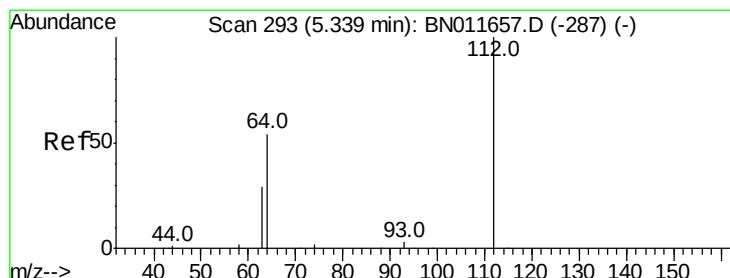
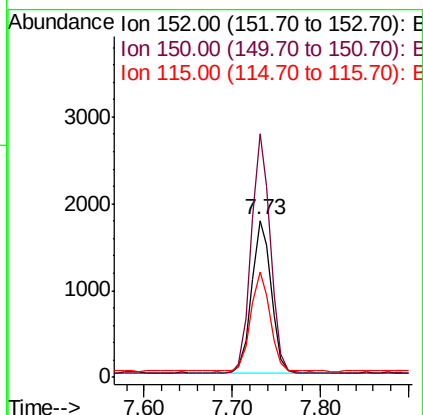
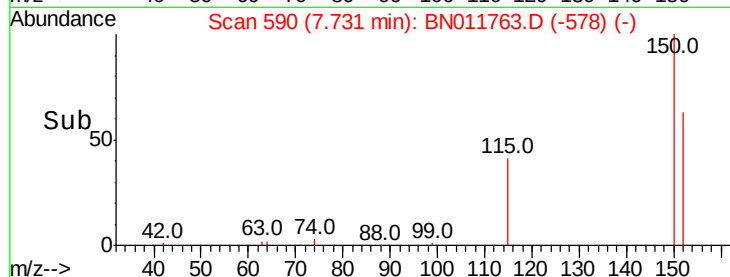
115 66.9 52.6 78.8



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: 0.338 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

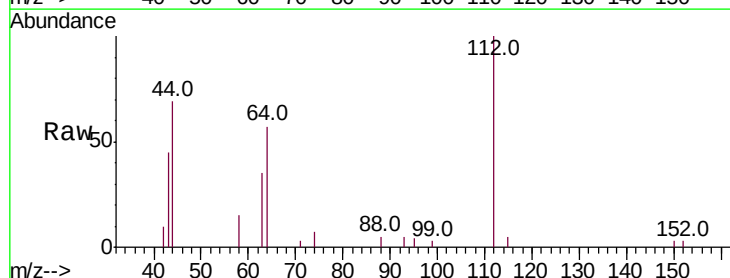
Tgt Ion:112 Resp: 2588

Ion Ratio Lower Upper

112 100

64 61.0 49.7 74.5

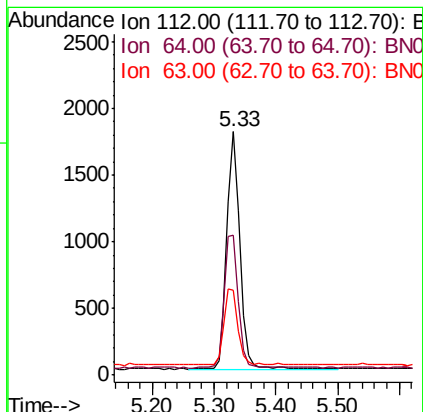
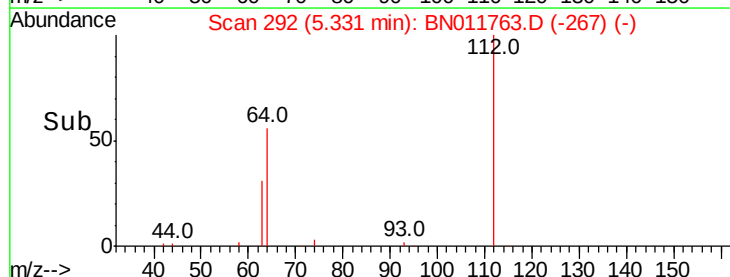
63 34.0 29.4 44.0

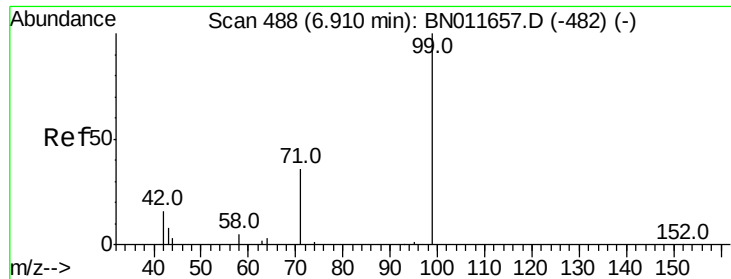


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.301 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Instrument :

BNA_N

ClientSampleId :

PB131470BL

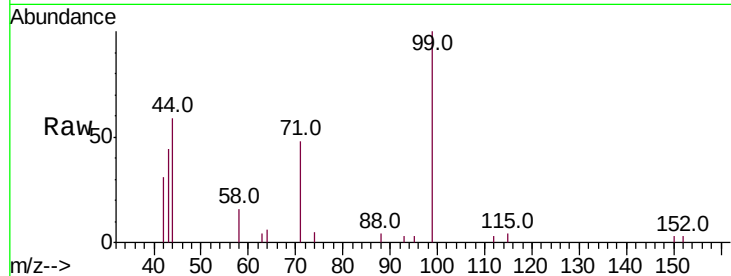
Tot Ion: 99 Resp: 3128

Ion Ratio Lower Upper

99 100

42 24.5 20.2 30.2

71 42.2 33.3 49.9

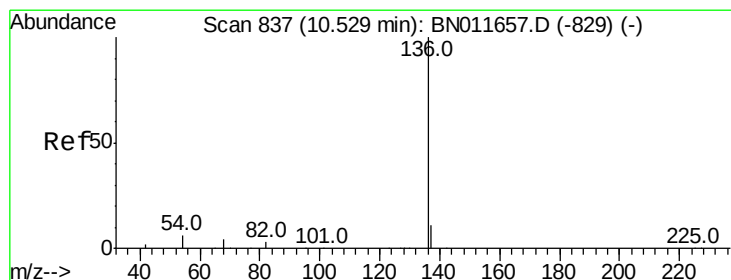
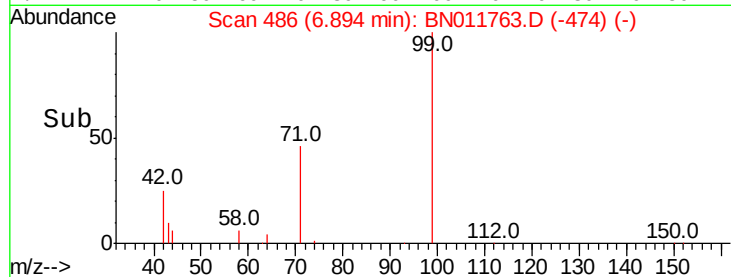
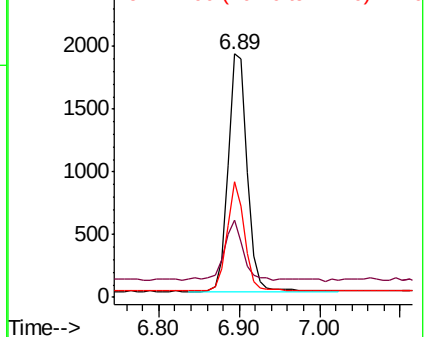


Abundance

Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Tgt Ion: 136 Resp: 10002

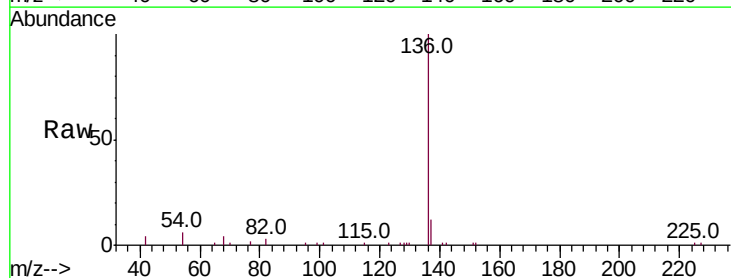
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.1 5.8 8.8

68 4.4 4.1 6.1



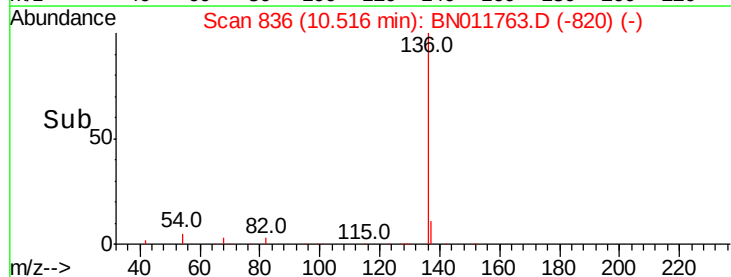
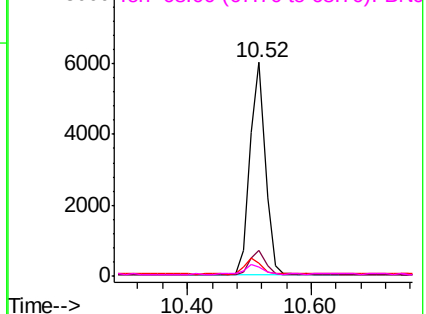
Abundance

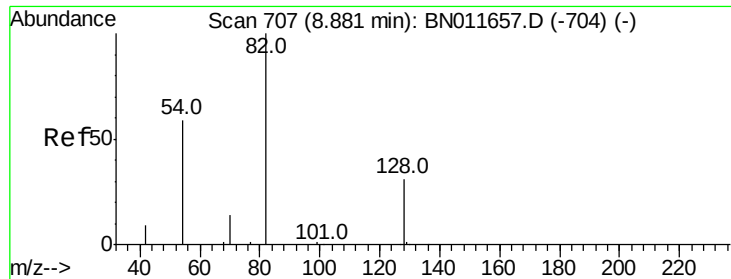
Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)

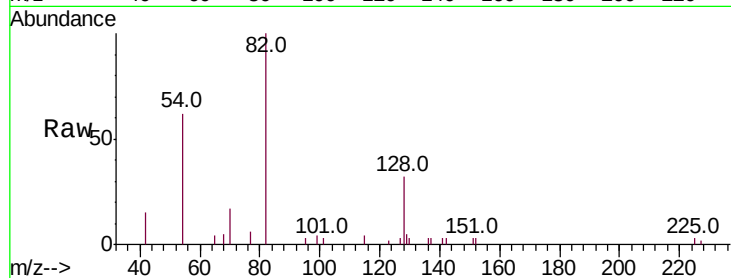




#8
 Nitrobenzene-d5
 Concen: 0.343 ng
 RT: 8.87 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BN011763.D
 Acq: 09 Sep 2020 10:30

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BL

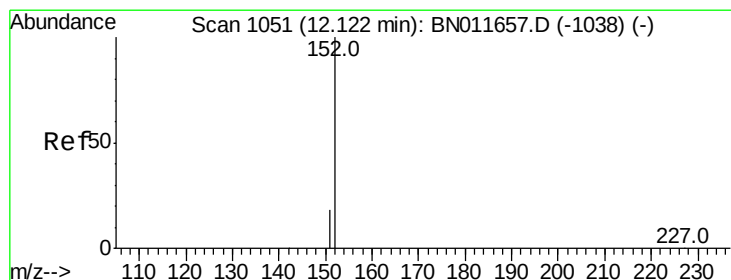
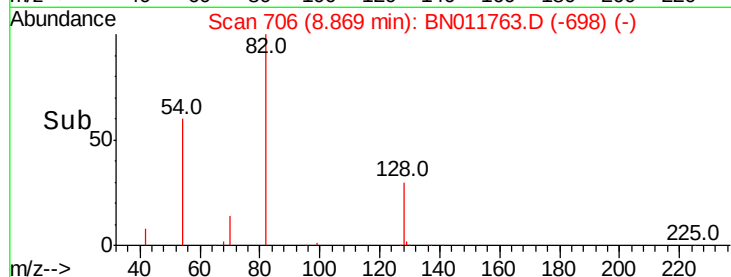
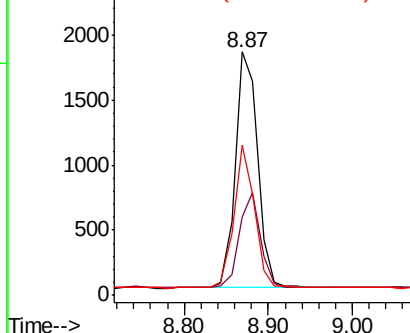
Tot Ion	82	Resp	3322
Ion Ratio	Lower	Upper	
82	100		
128	32.4	26.2	39.2
54	61.8	48.2	72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011763.D (-698) (-)

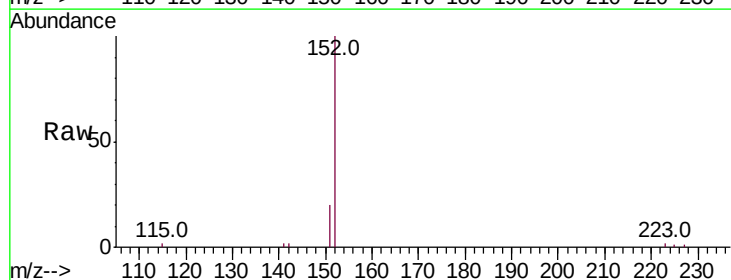
Ion 128.00 (127.70 to 128.70): BN011763.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN011763.D (-698) (-)



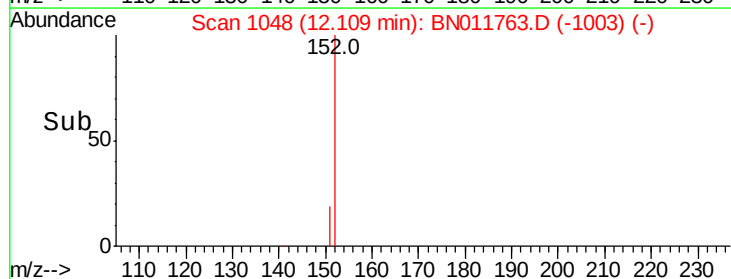
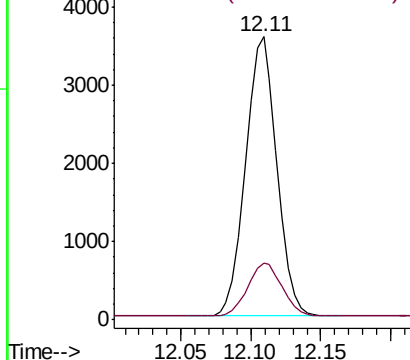
#11
 2-Methylnaphthalene-d10
 Concen: 0.308 ng
 RT: 12.11 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BN011763.D
 Acq: 09 Sep 2020 10:30

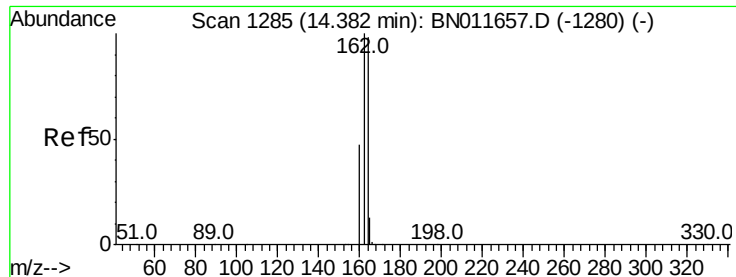
Tgt Ion	152	Resp	5547
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.7	25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011763.D (-1003) (-)

Ion 151.00 (150.70 to 151.70): BN011763.D (-1003) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Instrument :

BNA_N

ClientSampleId :

PB131470BL

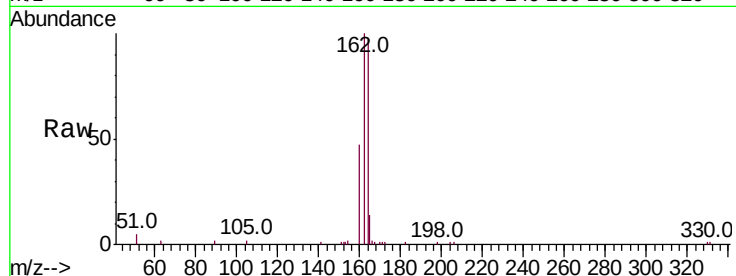
Tot Ion:164 Resp: 5568

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

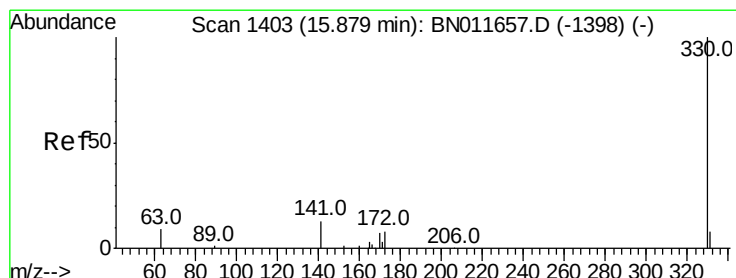
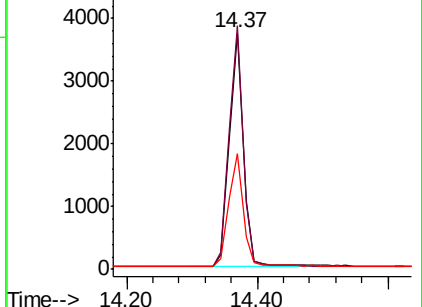
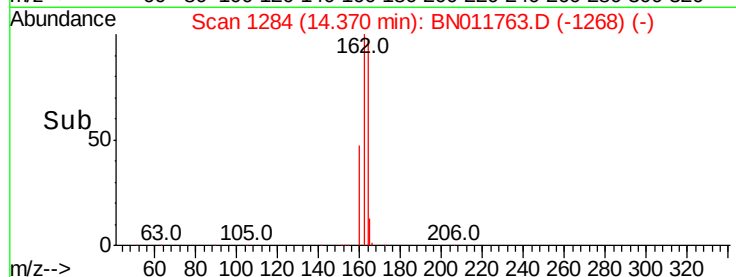
160 48.7 38.5 57.7



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: 0.283 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

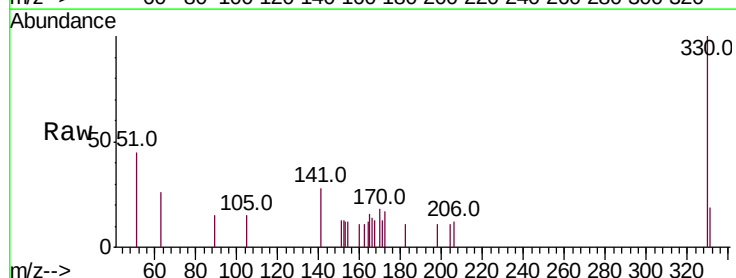
Tgt Ion:330 Resp: 764

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

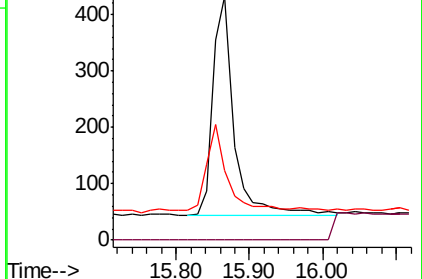
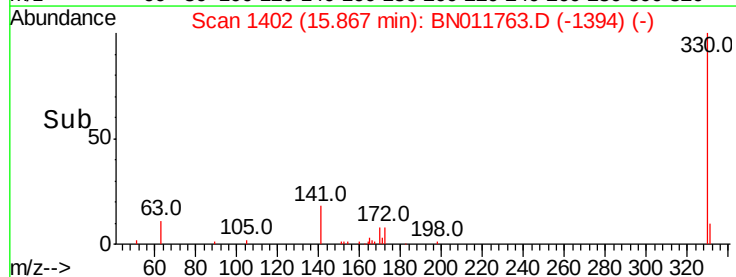
141 40.2 29.8 44.8

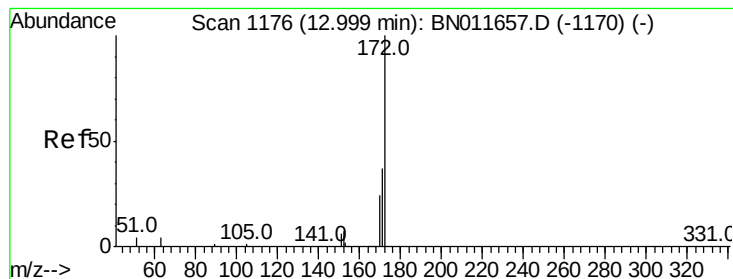


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



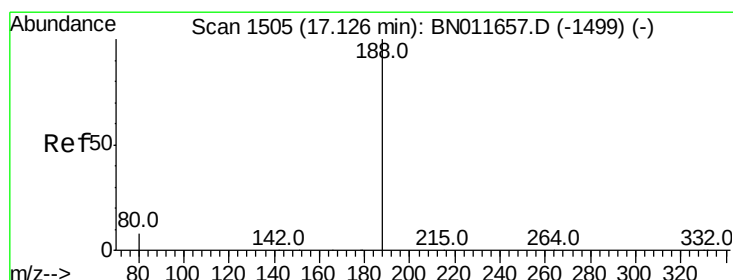
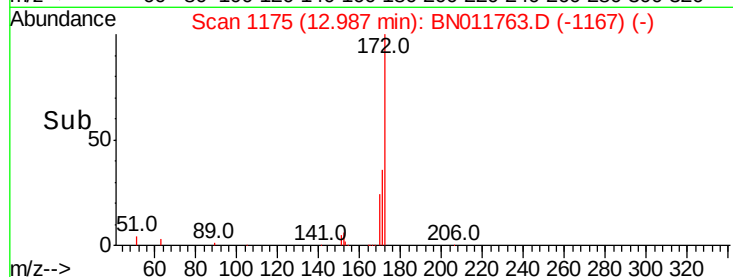
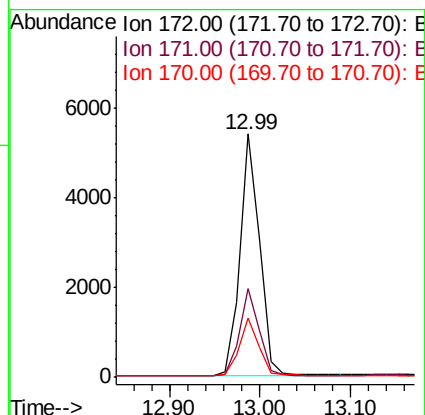
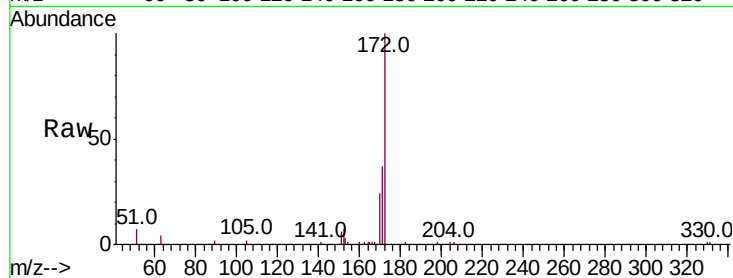


#15
 2-Fluorobiphenyl
 Concen: 0.339 ng
 RT: 12.99 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BN011763.D
 Acq: 09 Sep 2020 10:30

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BL

Tot Ion:172 Resp: 7988

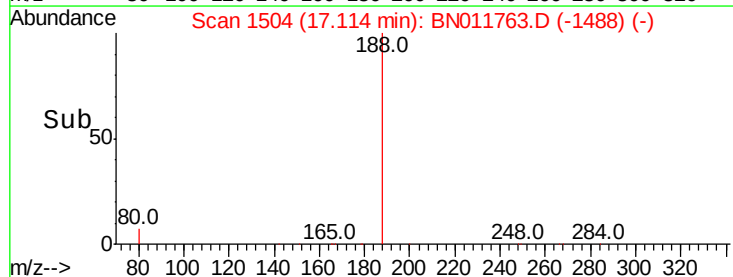
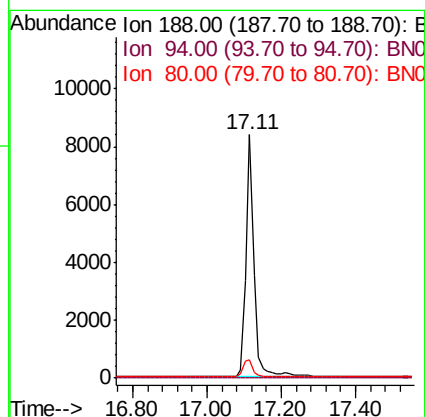
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.3	20.1	30.1

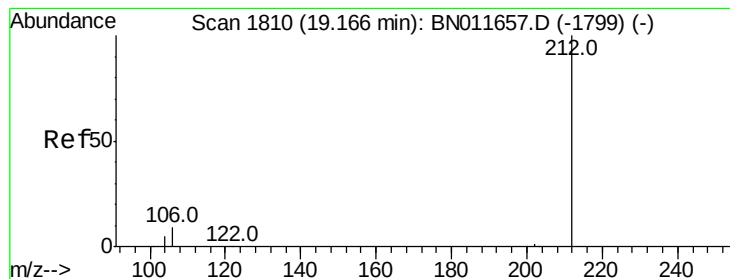


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.11 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BN011763.D
 Acq: 09 Sep 2020 10:30

Tgt Ion:188 Resp: 12932

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.6	9.8





#27

Fluoranthene-d10

Concen: 0.292 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Instrument :

BNA_N

ClientSampleId :

PB131470BL

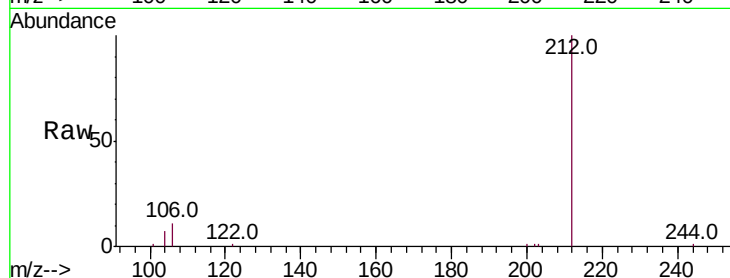
Tot Ion:212 Resp: 12115

Ion Ratio Lower Upper

212 100

106 9.7 7.6 11.4

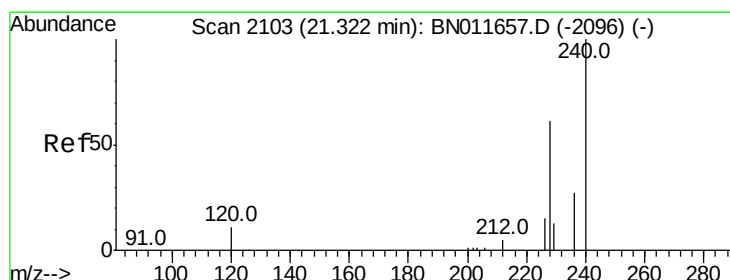
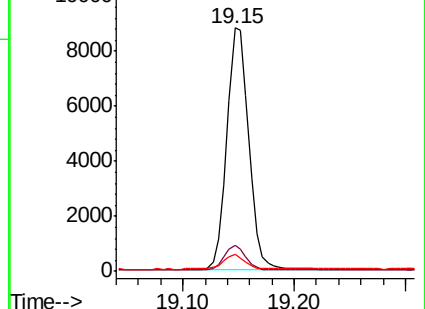
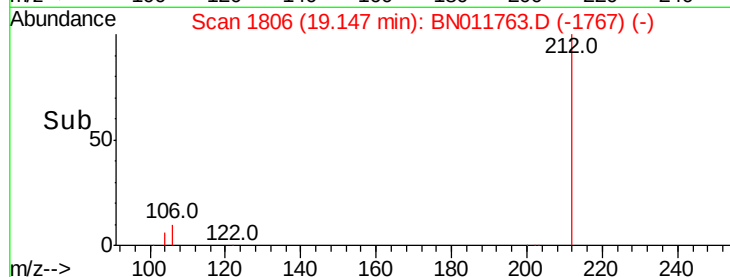
104 5.8 4.6 6.8



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

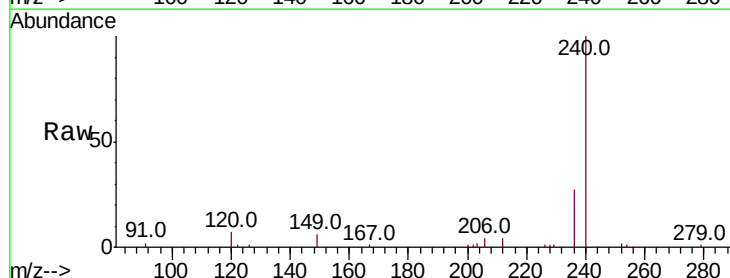
Tgt Ion:240 Resp: 12254

Ion Ratio Lower Upper

240 100

120 7.1 9.9 14.9#

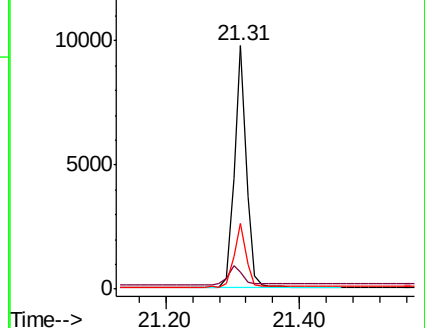
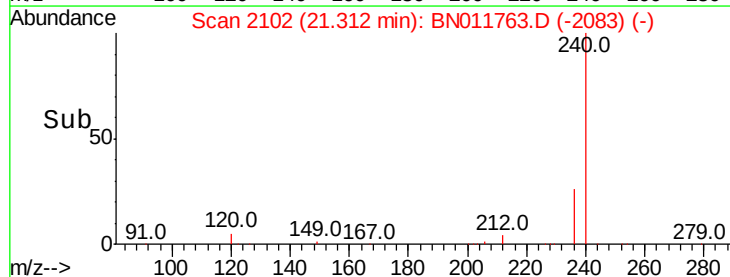
236 26.9 22.2 33.4

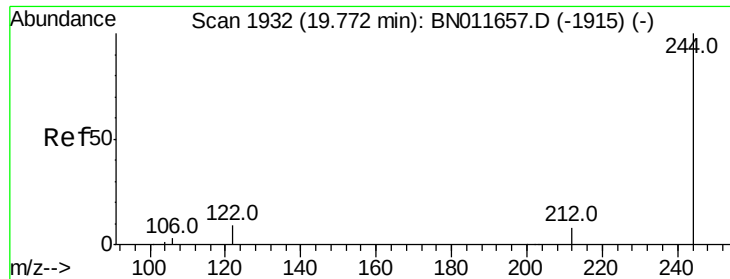


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.348 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

Instrument :

BNA_N

ClientSampleId :

PB131470BL

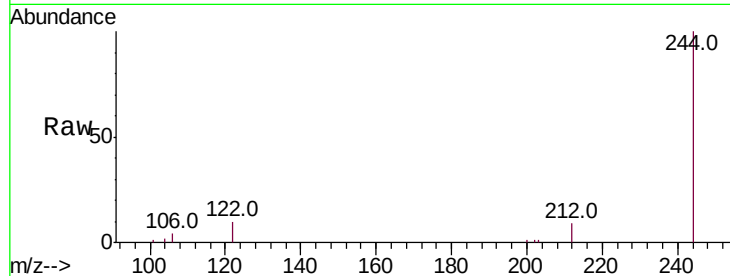
Tot Ion:244 Resp: 10589

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

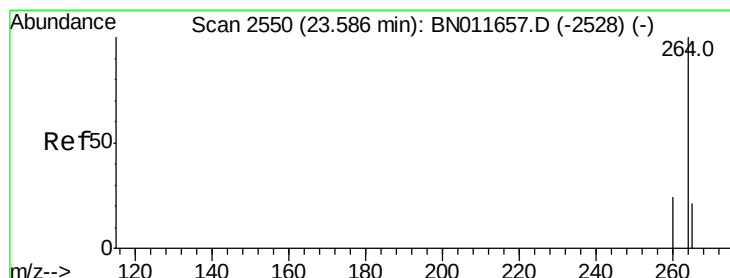
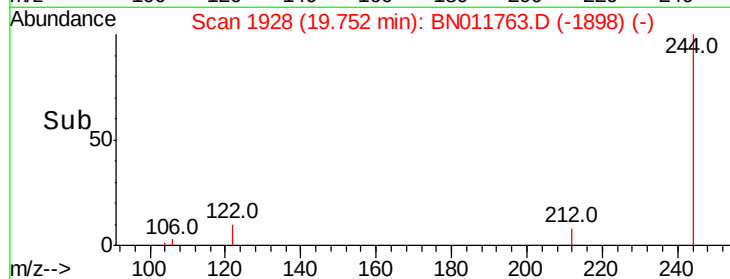
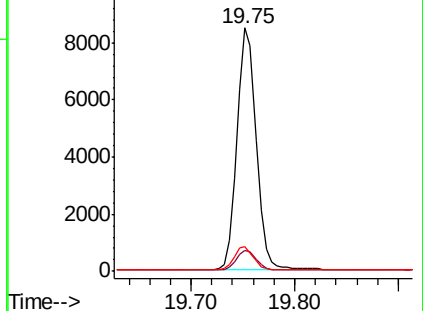
122 10.2 7.4 11.2



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN011763.D

Acq: 09 Sep 2020 10:30

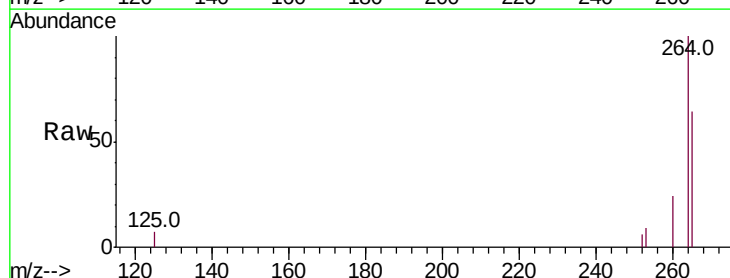
Tgt Ion:264 Resp: 11891

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 63.9 38.9 58.3#



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

