

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007562.D
 Acq On : 08 Sep 2019 22:13
 Operator : HP/JU
 Sample : PB122882BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122882BL

Quant Time: Sep 09 05:06:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5735	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	20863	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	11274	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	23105	0.40	ng	0.00
27) Chrysene-d12	21.02	240	18622	0.40	ng	0.00
34) Perylene-d12	23.11	264	20742	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6327	0.31	ng	-0.02
5) Phenol-d6	6.59	99	6617	0.25	ng	0.00
8) Nitrobenzene-d5	8.54	82	5035	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	11.77	152	11906	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	857	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.67	172	13080	0.29	ng	0.01
25) Fluoranthene-d10	18.84	212	24790	0.33	ng	0.00
29) Terphenyl-d14	19.46	244	18881	0.39	ng	0.00

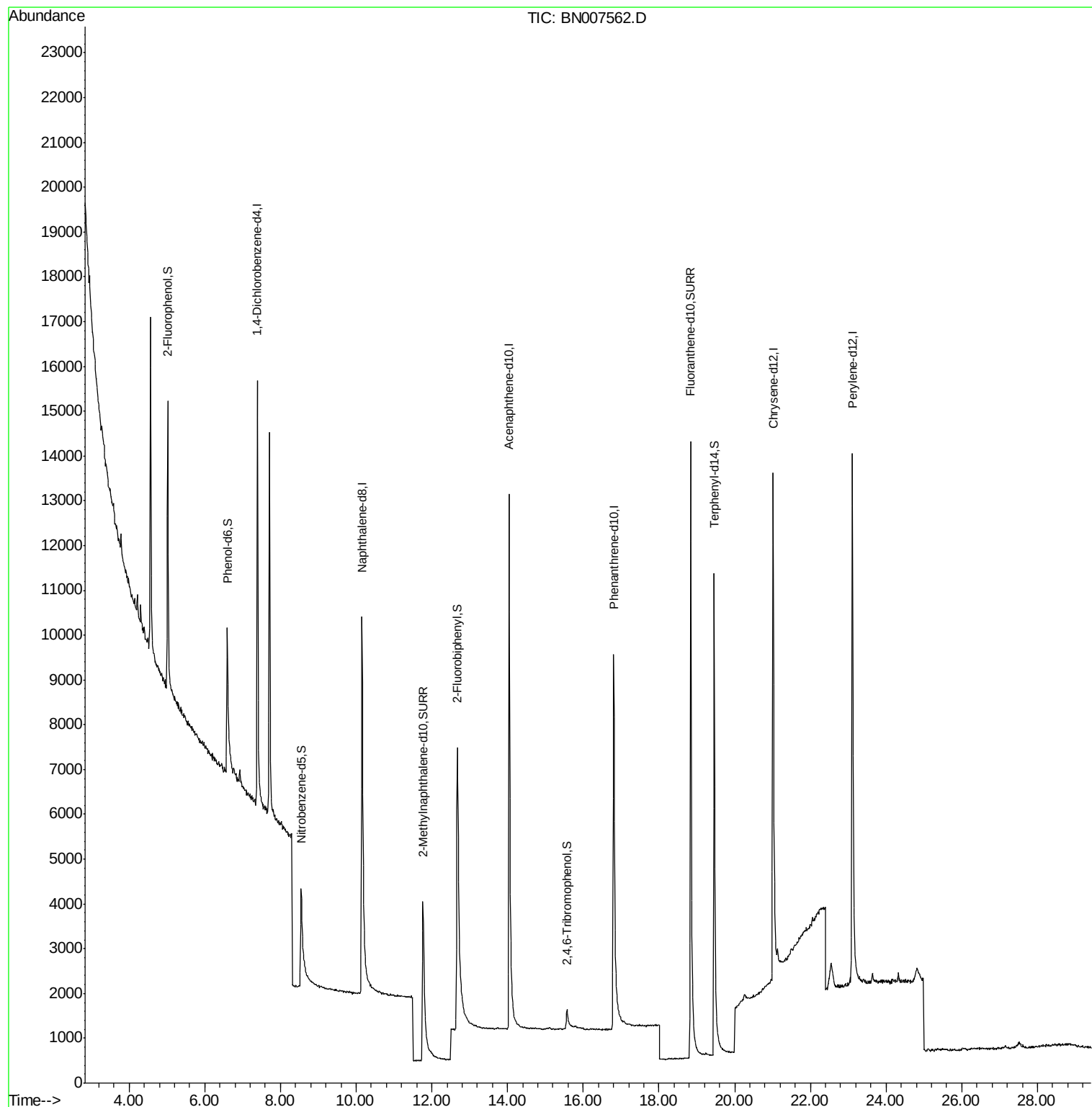
Target Compounds	Qvalue
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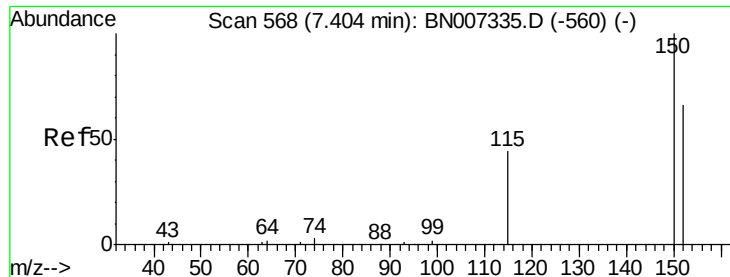
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 566

Delta R.T. -0.02 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB122882BL

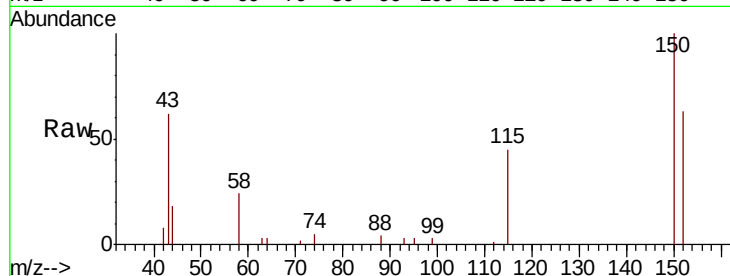
Tot Ion:152 Resp: 5735

Ion Ratio Lower Upper

152 100

150 160.0 109.1 163.7

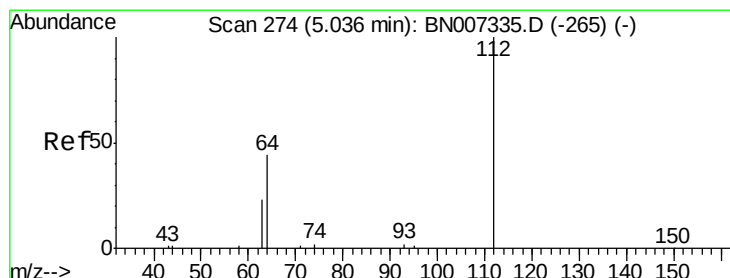
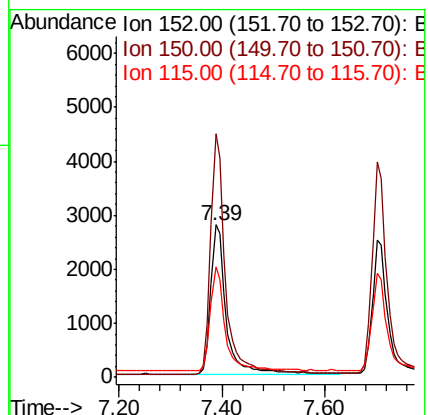
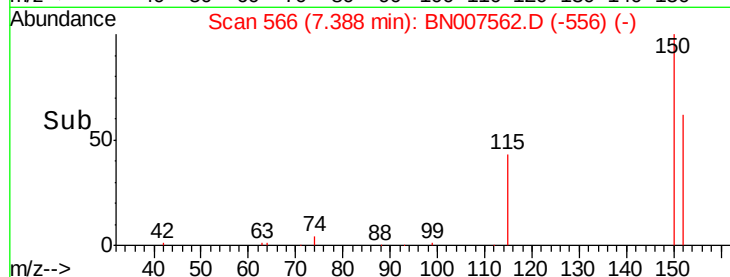
115 72.5 59.6 89.4



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: 0.312 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

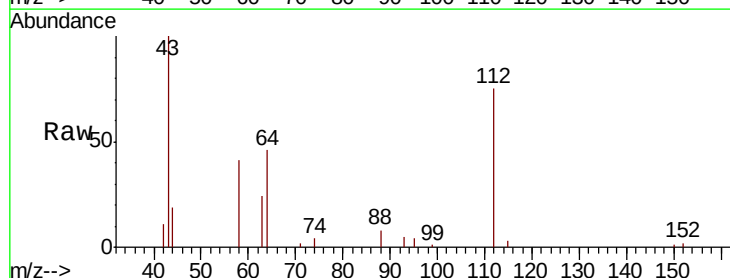
Tgt Ion:112 Resp: 6327

Ion Ratio Lower Upper

112 100

64 56.6 42.3 63.5

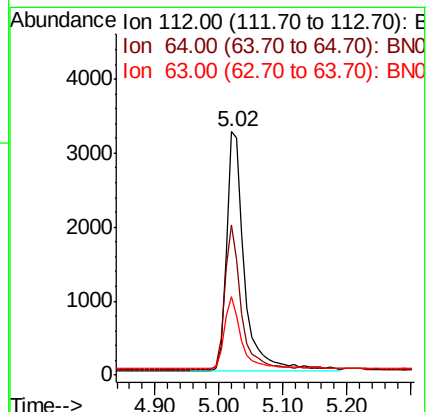
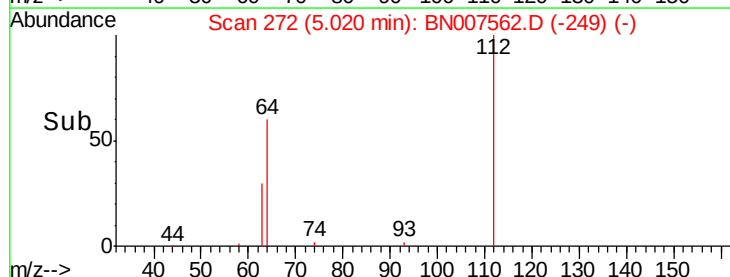
63 29.1 23.6 35.4

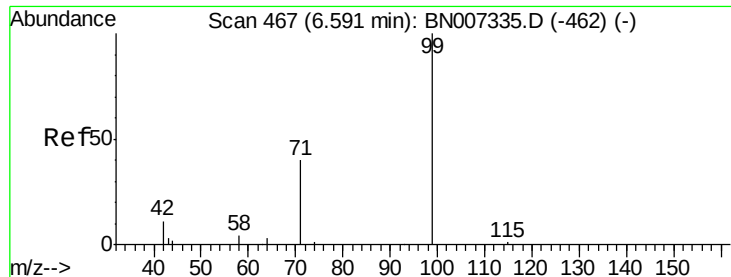


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.250 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB122882BL

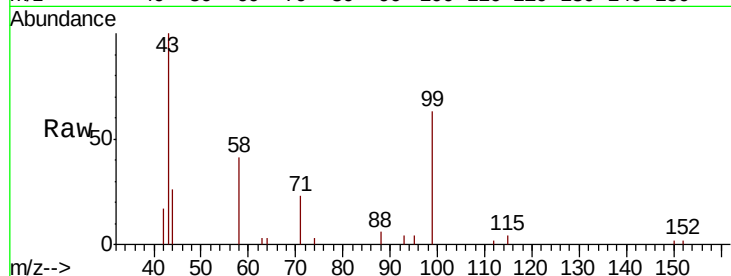
Tot Ion: 99 Resp: 6617

Ion Ratio Lower Upper

99 100

42 10.3 11.2 16.8#

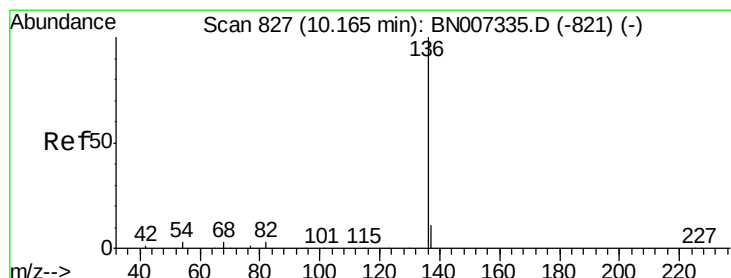
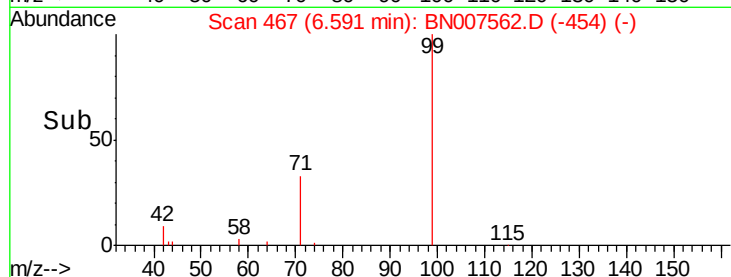
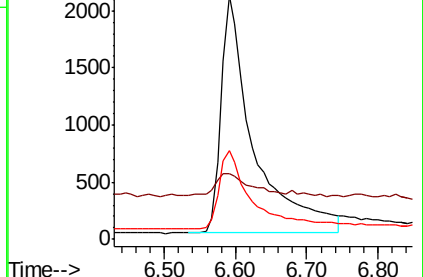
71 32.6 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

Tgt Ion: 136 Resp: 20863

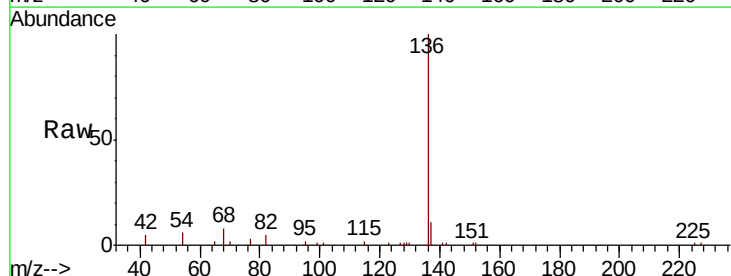
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 6.4 8.6 12.8#

68 8.0 17.0 25.4#

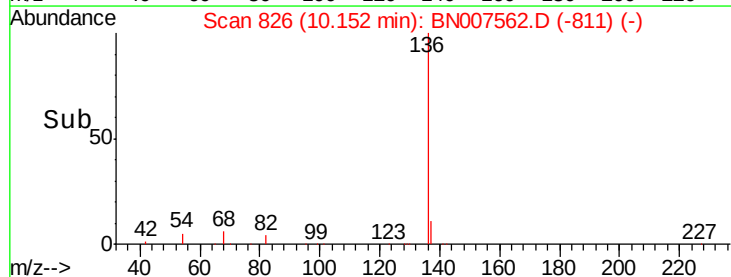
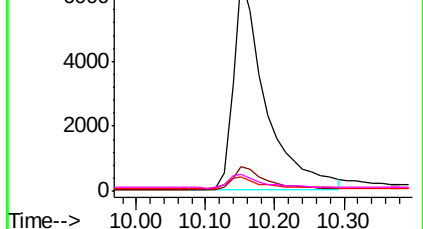


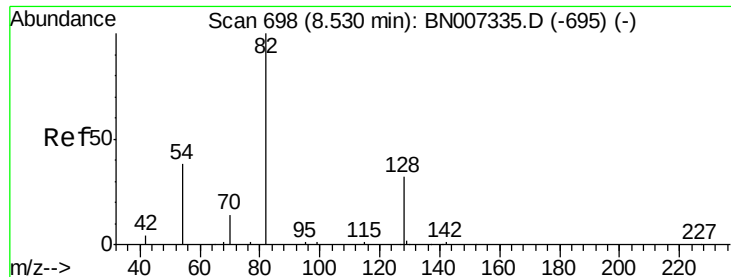
Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)

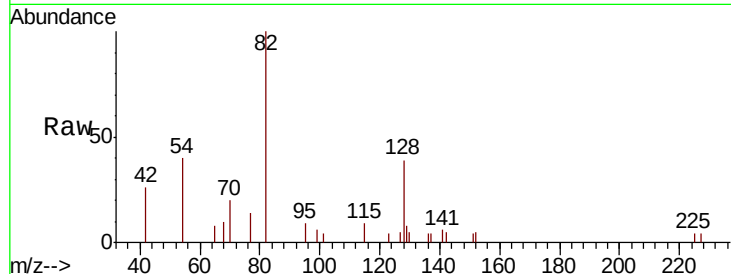




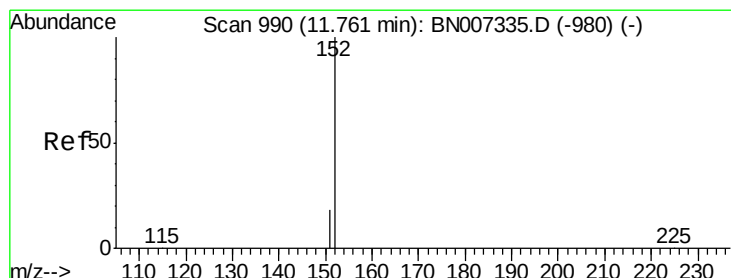
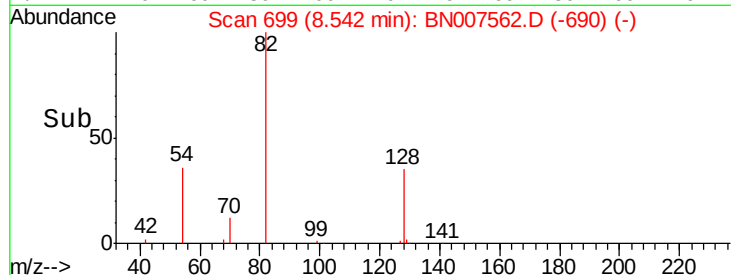
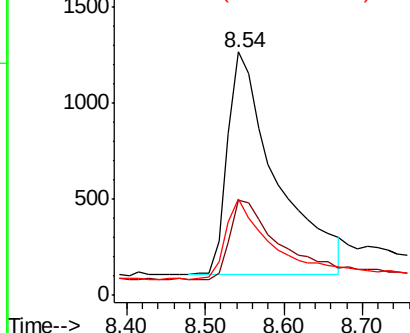
#8
 Nitrobenzene-d5
 Concen: 0.277 ng
 RT: 8.54 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BN007562.D
 Acq: 08 Sep 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB122882BL

Tot Ion	82	Resp	5035
Ion Ratio	100	Lower	Upper
128	38.9	19.7	29.5#
54	39.5	25.8	38.6#

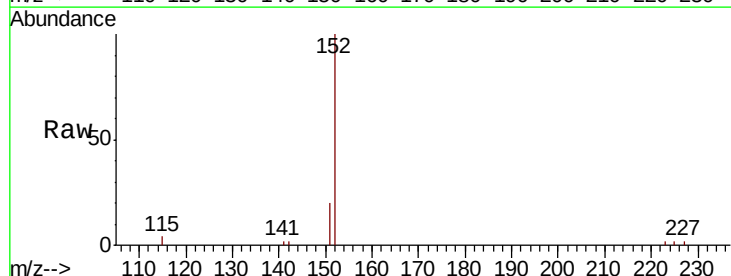


Abundance Ion 82.00 (81.70 to 82.70): BN007335.D (-695) (-)

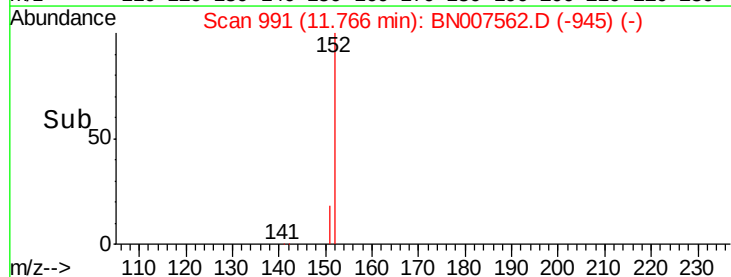
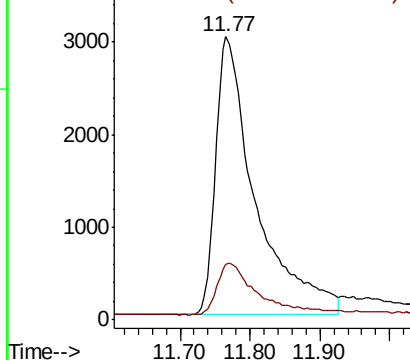


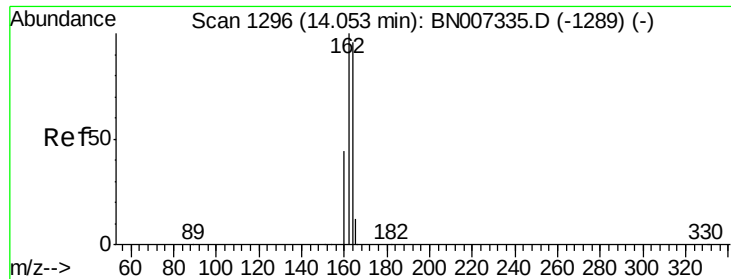
#11
 2-Methylnaphthalene-d10
 Concen: 0.343 ng
 RT: 11.77 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BN007562.D
 Acq: 08 Sep 2019 22:13

Tgt Ion	152	Resp	11906
Ion Ratio	100	Lower	Upper
151	19.4	16.2	24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007335.D (-980) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB122882BL

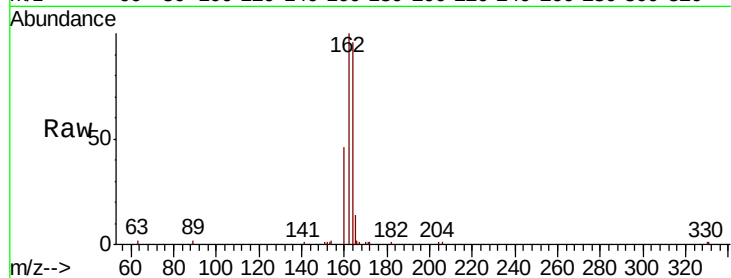
Tot Ion:164 Resp: 11274

Ion Ratio Lower Upper

164 100

162 104.3 83.5 125.3

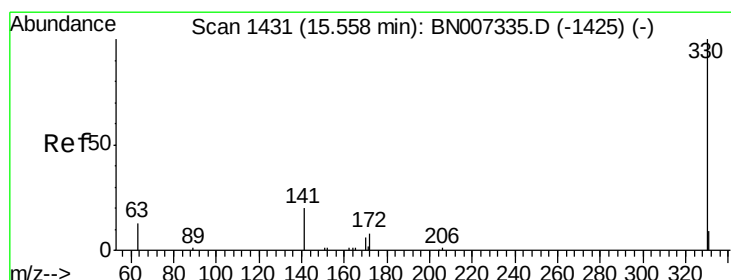
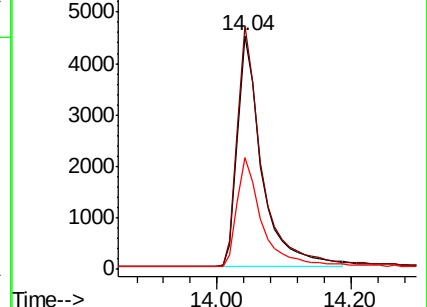
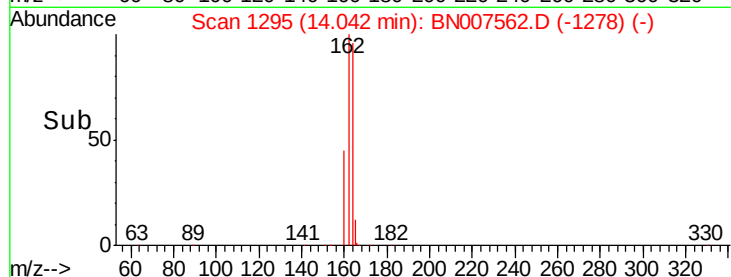
160 47.7 38.2 57.4



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: 0.145 ng

RT: 15.57 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

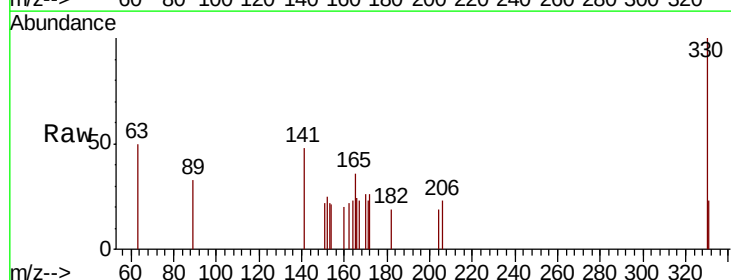
Tgt Ion:330 Resp: 857

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

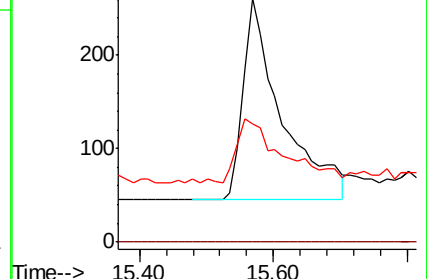
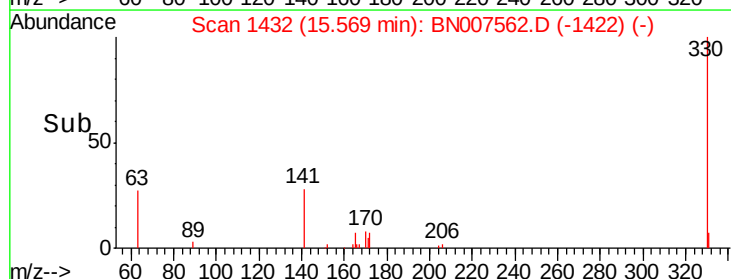
141 36.4 26.9 40.3

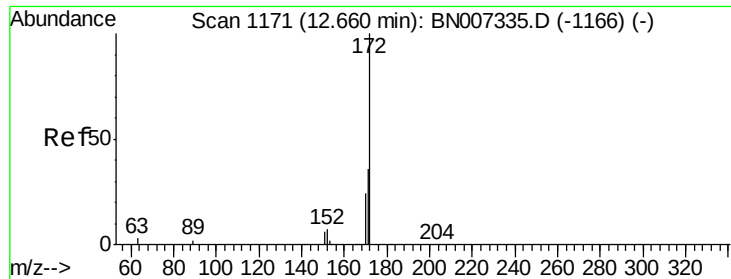


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

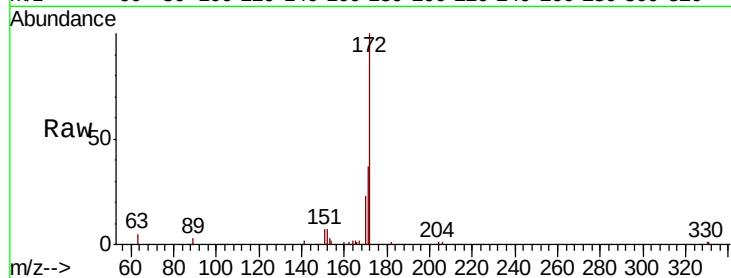




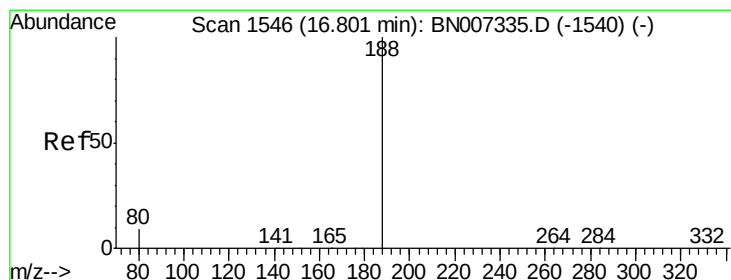
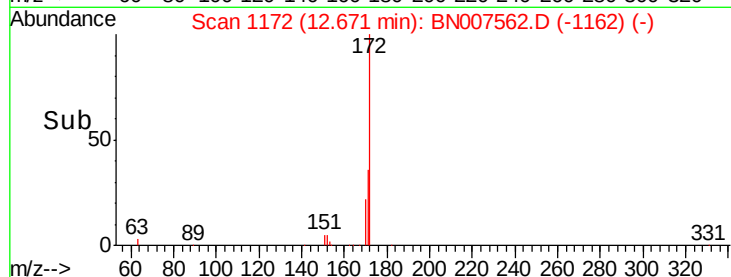
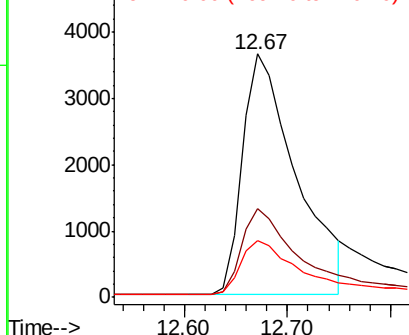
#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007562.D
Acq: 08 Sep 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB122882BL

Tot Ion:172 Resp: 13080
Ion Ratio Lower Upper
172 100
171 36.6 30.3 45.5
170 23.2 20.7 31.1

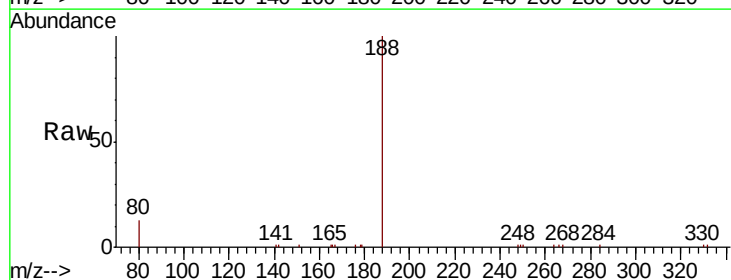


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

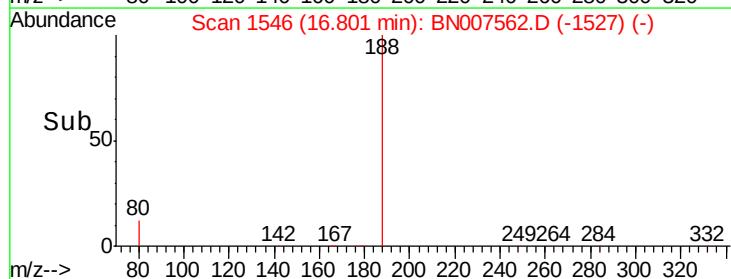
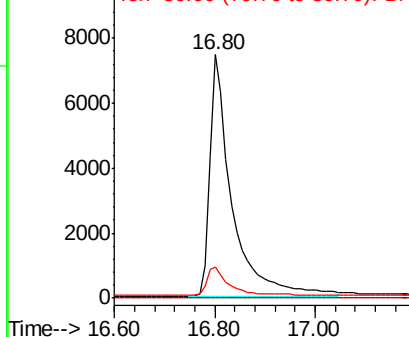


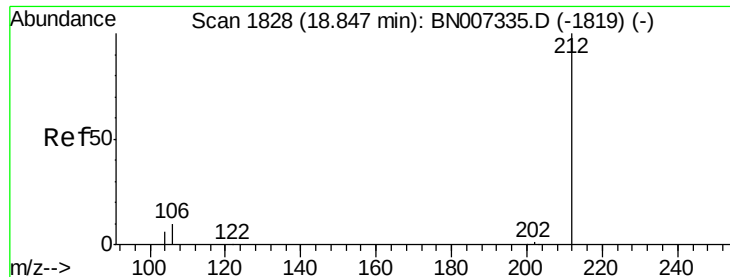
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007562.D
Acq: 08 Sep 2019 22:13

Tgt Ion:188 Resp: 23105
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 11.8 17.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB122882BL

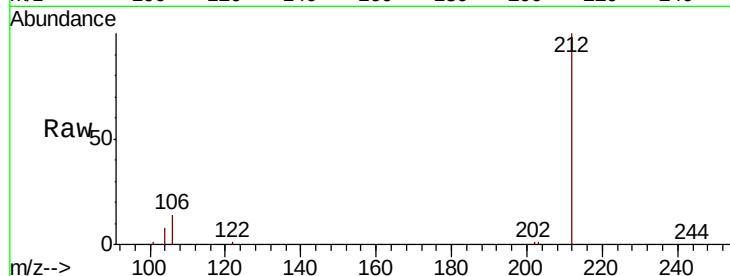
Tot Ion:212 Resp: 24790

Ion Ratio Lower Upper

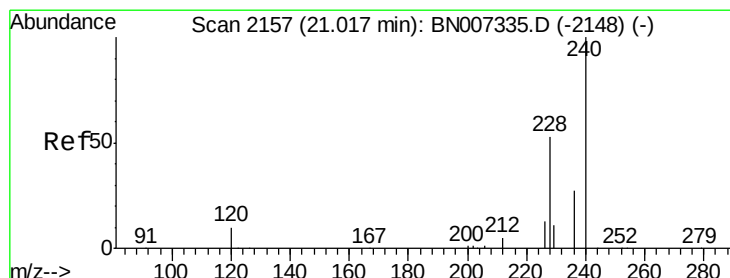
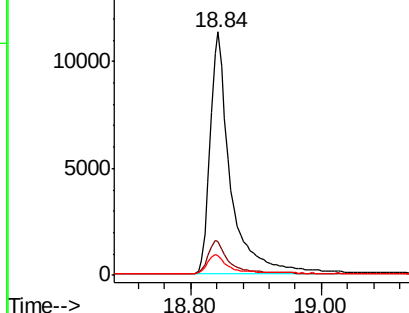
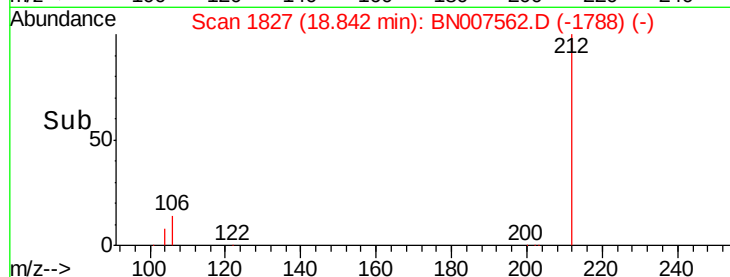
212 100

106 13.4 9.0 13.4#

104 7.9 5.4 8.2



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: 21.02 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

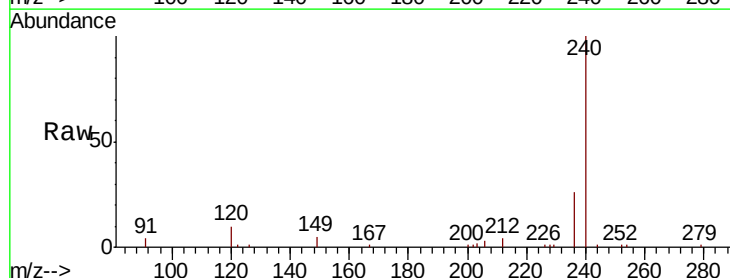
Tgt Ion:240 Resp: 18622

Ion Ratio Lower Upper

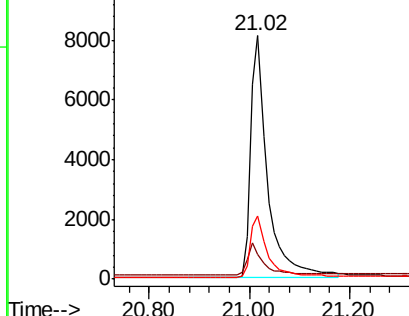
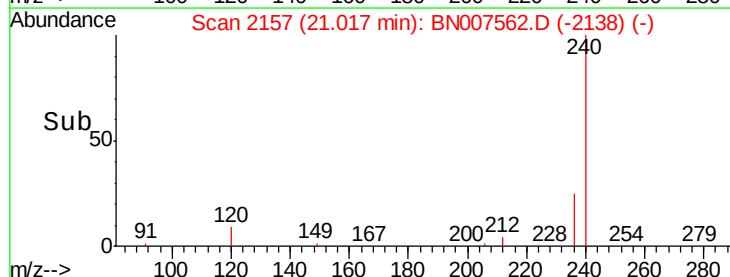
240 100

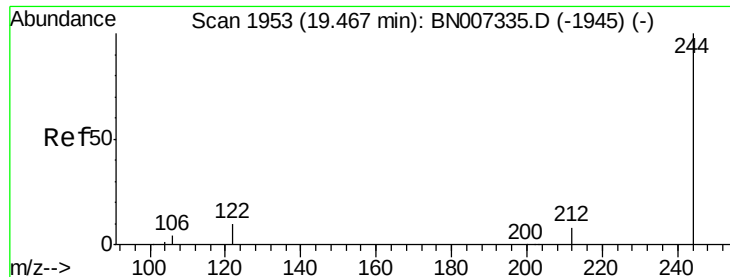
120 10.1 9.6 14.4

236 26.1 22.2 33.2



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: 0.387 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007562.D

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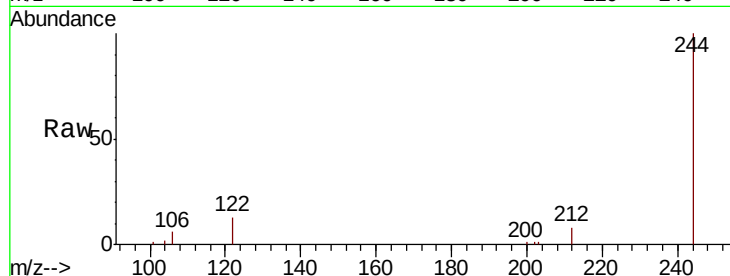
Tot Ion:244 Resp: 18881

Ion Ratio Lower Upper

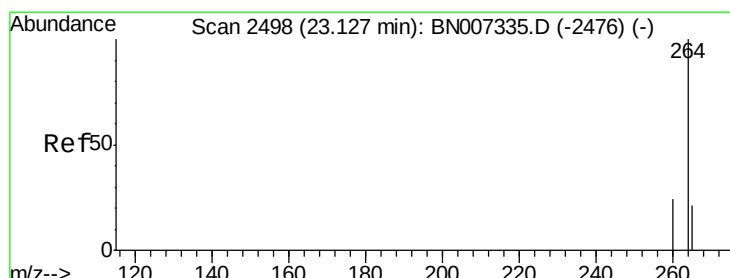
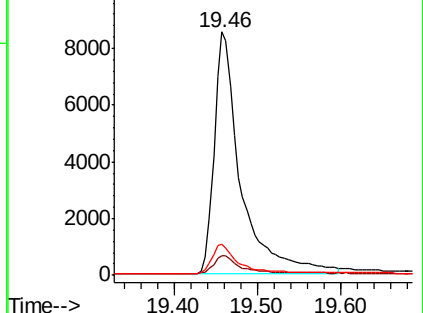
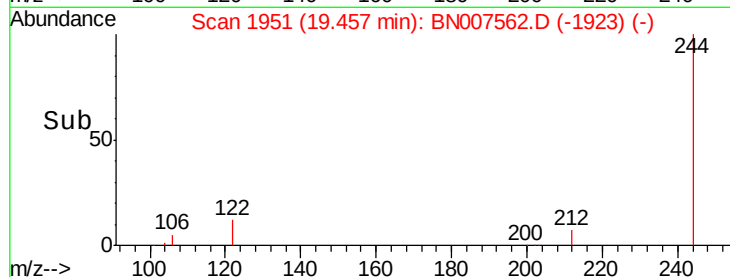
244 100

212 8.1 7.0 10.6

122 13.0 9.6 14.4



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: 23.11 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BN007562.D

Acq: 08 Sep 2019 22:13

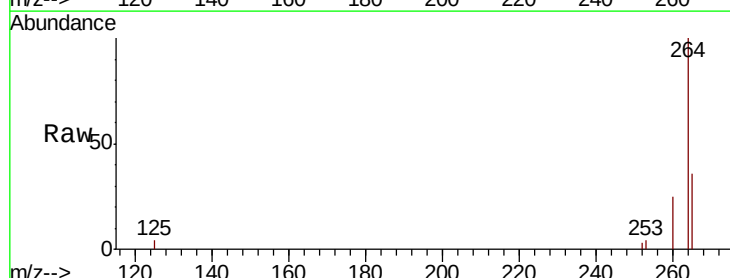
Tgt Ion:264 Resp: 20742

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 36.2 29.9 44.9



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

