

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
 Data File : BN007528.D
 Acq On : 01 Sep 2019 16:49
 Operator : HP/JU
 Sample : PB122534BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BL

Quant Time: Sep 02 08:23:24 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	8520	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	34154	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	21106	0.40	ng	-0.01
19) Phenanthrene-d10	16.79	188	52504	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	49178	0.40	ng	-0.01
34) Perylene-d12	23.11	264	51500	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	8737	0.29	ng	0.00
5) Phenol-d6	6.59	99	10847	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	7784	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18171	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1849	0.17	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	23763	0.28	ng	0.00
25) Fluoranthene-d10	18.84	212	52682	0.31	ng	0.00
29) Terphenyl-d14	19.45	244	40703	0.32	ng	-0.01

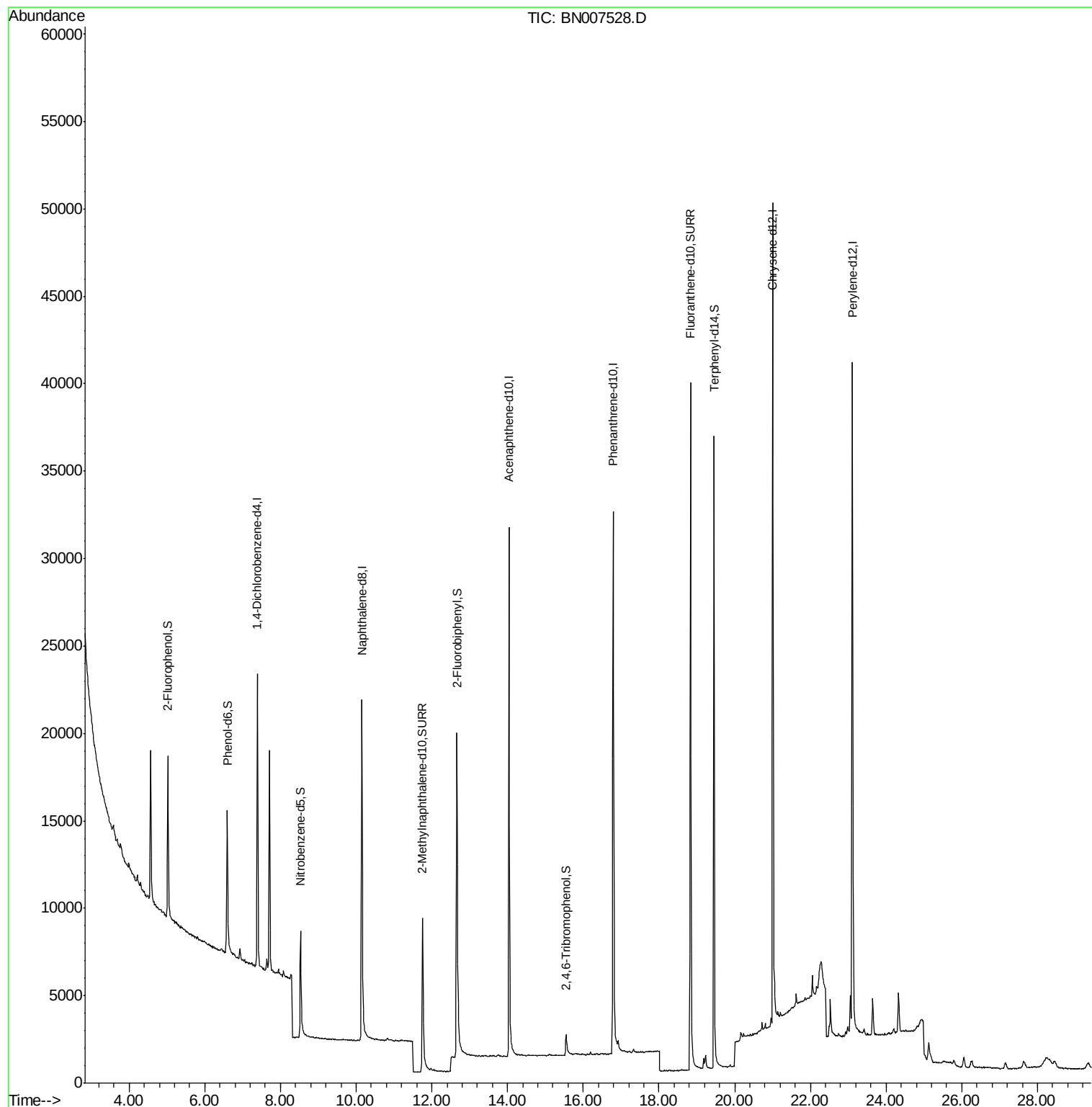
Target Compounds	Qvalue

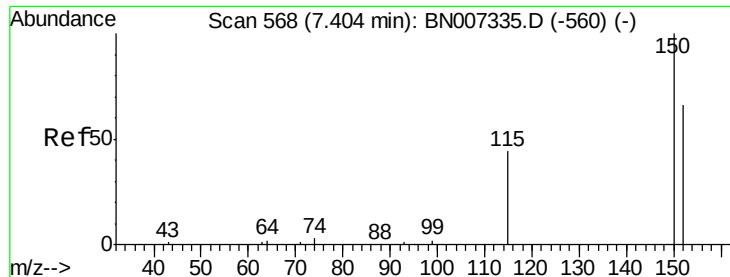
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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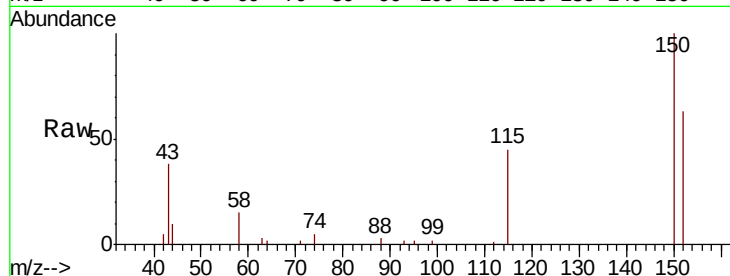


#1

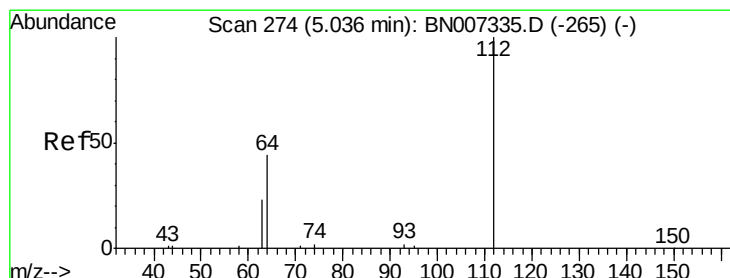
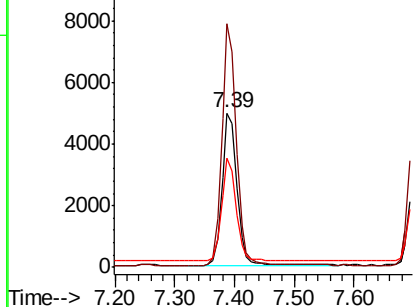
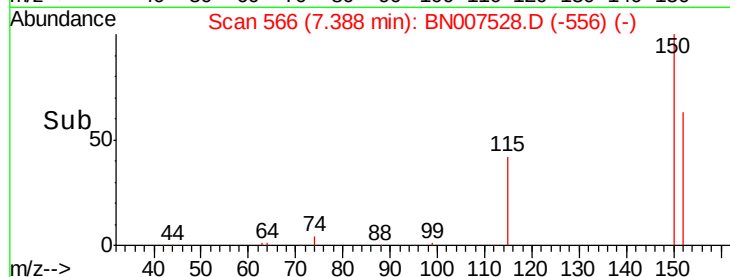
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BN007528.D
 Acq: 01 Sep 2019 16:49

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BL

Tot Ion:152 Resp: 8520
 Ion Ratio Lower Upper
 152 100
 150 158.0 109.1 163.7
 115 70.6 59.6 89.4



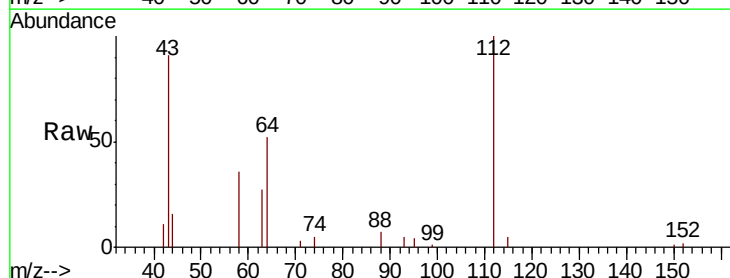
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



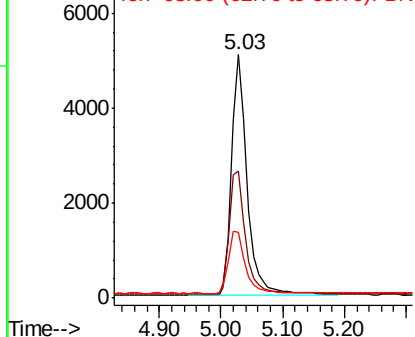
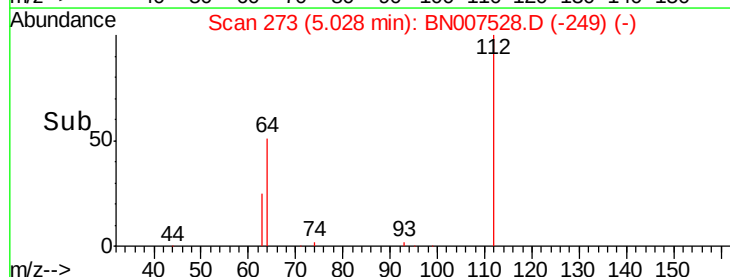
#4

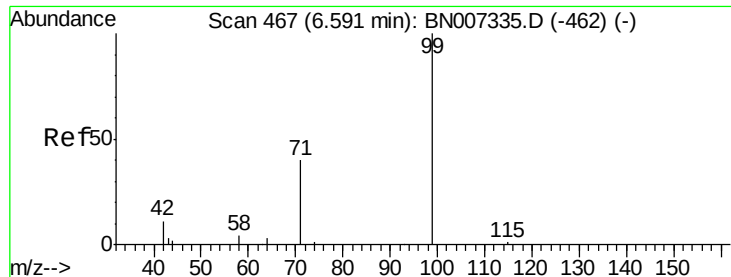
2-Fluorophenol
 Concen: 0.287 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007528.D
 Acq: 01 Sep 2019 16:49

Tgt Ion:112 Resp: 8737
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.3 63.5
 63 27.8 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: 0.279 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

Instrument :

BNA_N

ClientSampleId :

PB122534BL

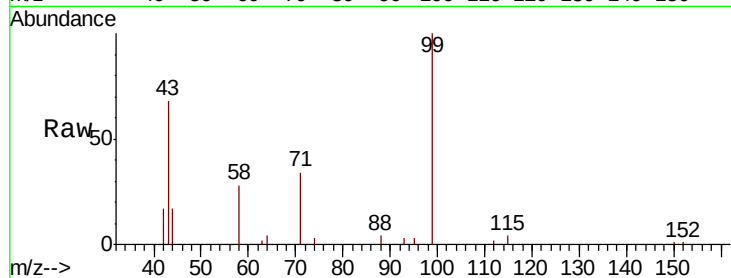
Tot Ion: 99 Resp: 10847

Ion Ratio Lower Upper

99 100

42 10.4 11.2 16.8#

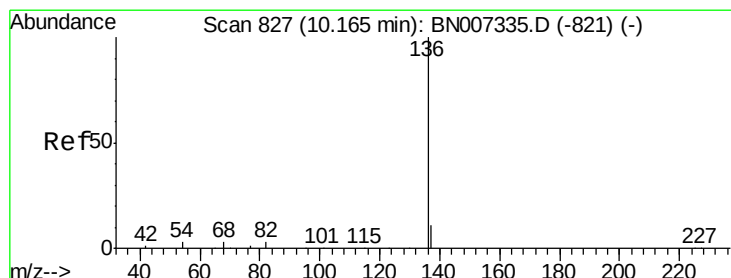
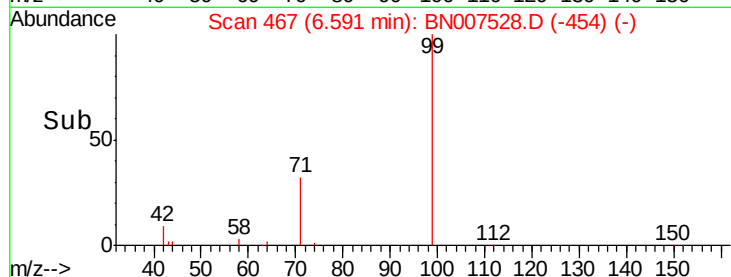
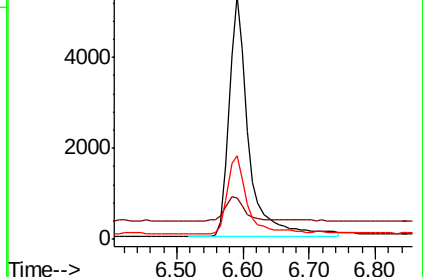
71 32.6 31.8 47.8



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: BN007528.D

Acq: 01 Sep 2019 16:49

Tgt Ion: 136 Resp: 34154

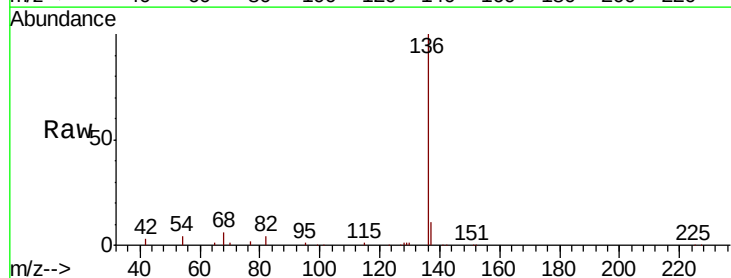
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 4.0 8.6 12.8#

68 5.6 17.0 25.4#

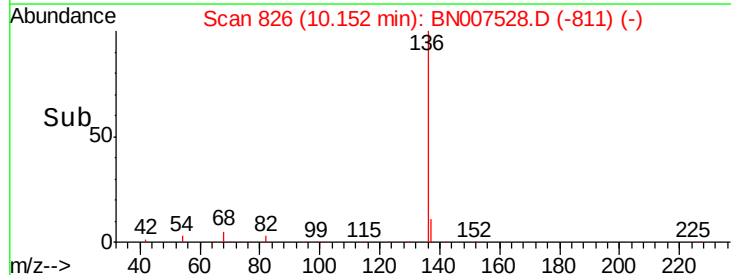
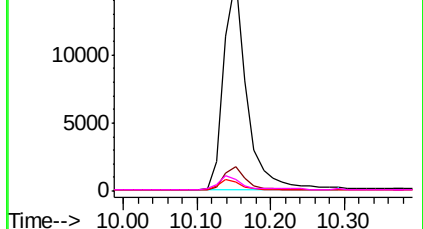


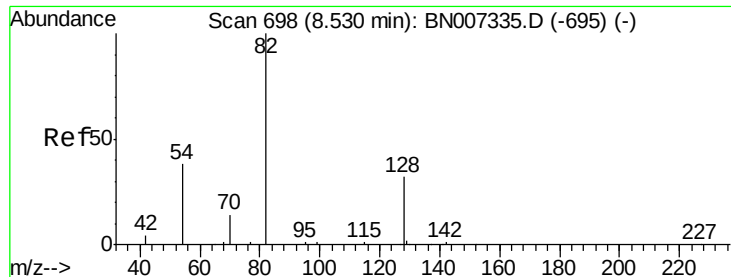
Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

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: 0.262 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

Instrument :

BNA_N

ClientSampleId :

PB122534BL

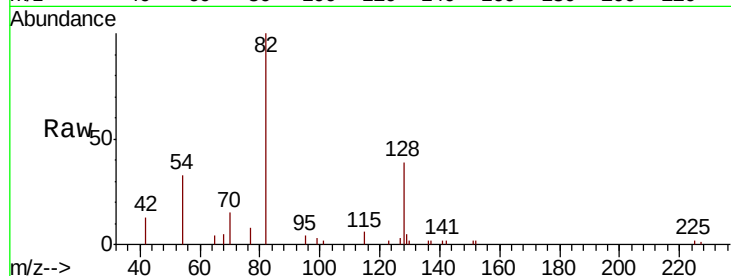
Tot Ion: 82 Resp: 7784

Ion Ratio Lower Upper

82 100

128 38.9 19.7 29.5#

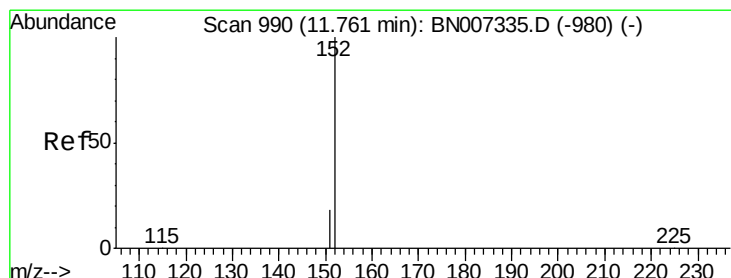
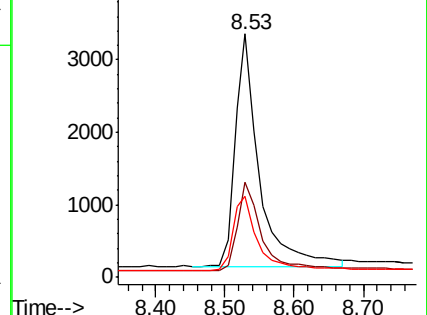
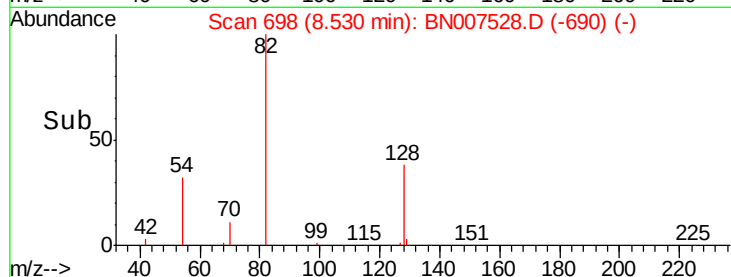
54 33.2 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007528.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007528.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007528.D (-690) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007528.D

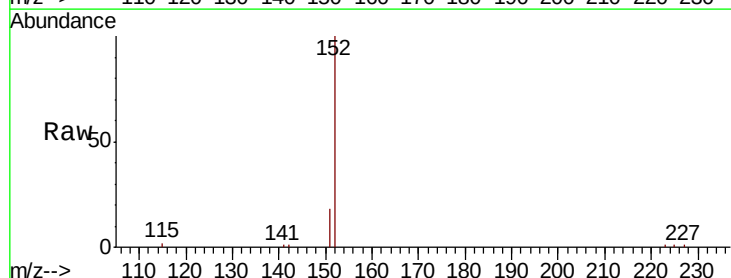
Acq: 01 Sep 2019 16:49

Tgt Ion: 152 Resp: 18171

Ion Ratio Lower Upper

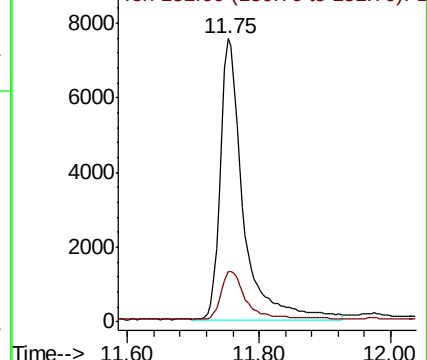
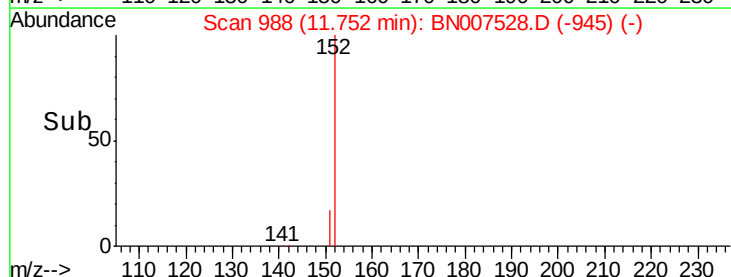
152 100

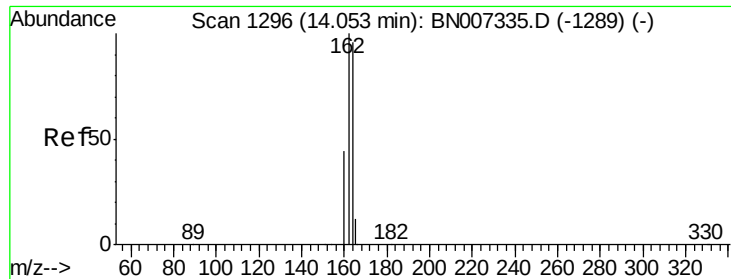
151 18.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007528.D (-945) (-)

Ion 151.00 (150.70 to 151.70): BN007528.D (-945) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

Instrument :

BNA_N

ClientSampleId :

PB122534BL

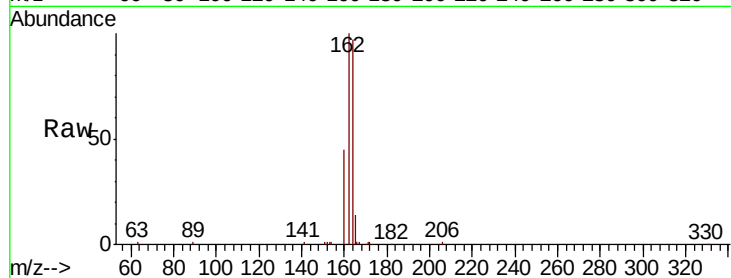
Tot Ion:164 Resp: 21106

Ion Ratio Lower Upper

164 100

162 103.5 83.5 125.3

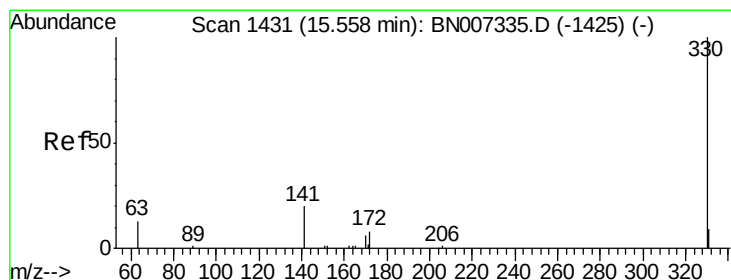
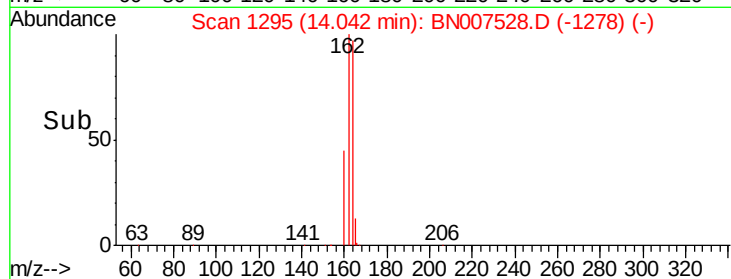
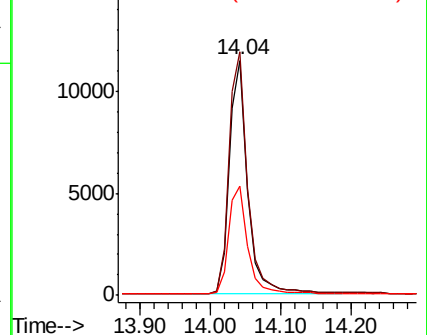
160 46.5 38.2 57.4



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: 0.167 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

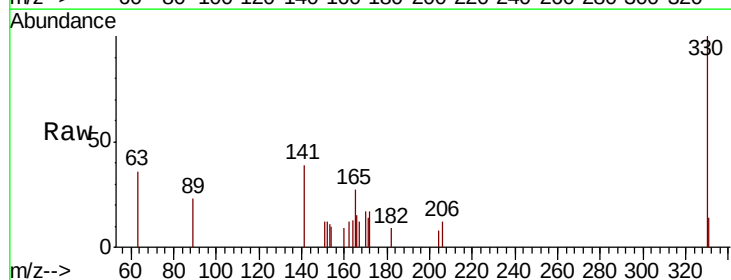
Tgt Ion:330 Resp: 1849

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

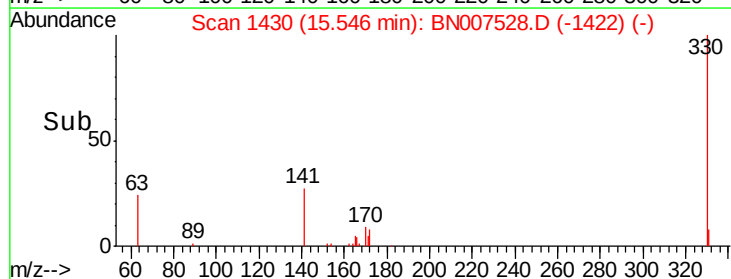
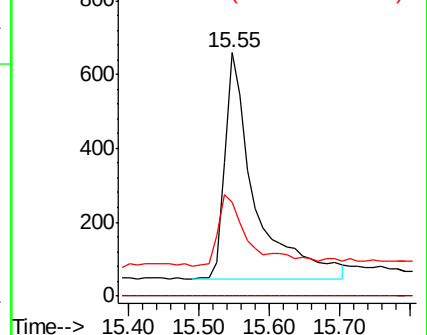
141 33.8 26.9 40.3

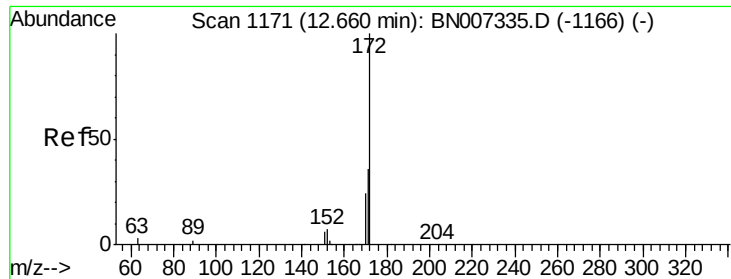


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

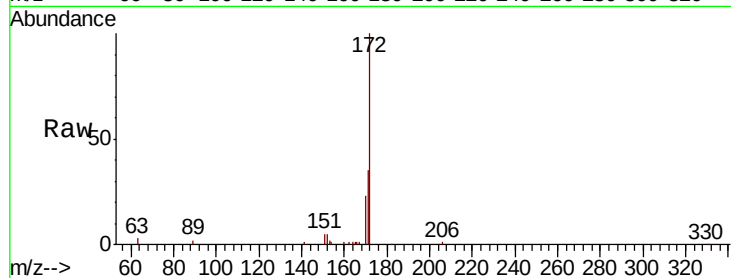




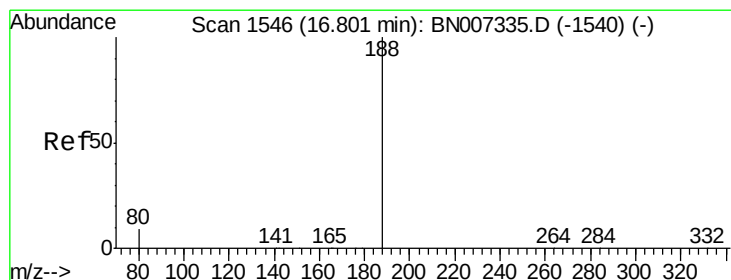
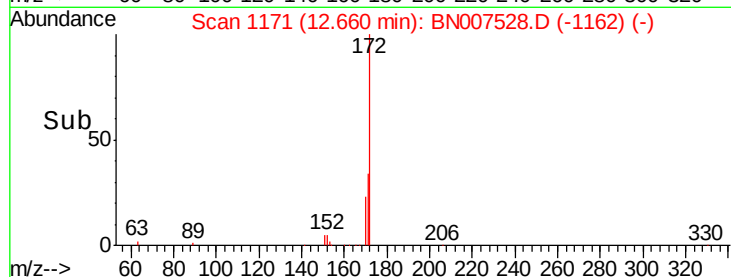
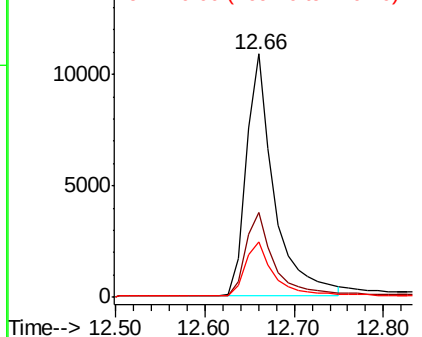
#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007528.D
Acq: 01 Sep 2019 16:49

Instrument :
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Tot Ion:172 Resp: 23763
Ion Ratio Lower Upper
172 100
171 34.8 30.3 45.5
170 23.0 20.7 31.1

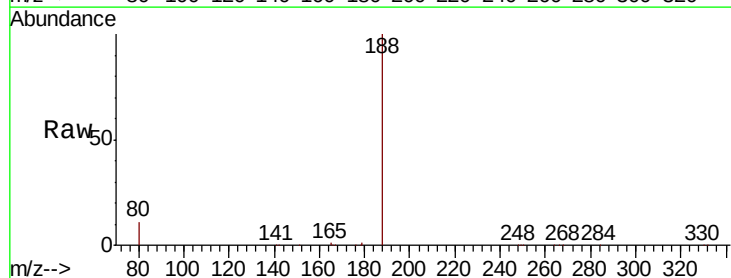


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

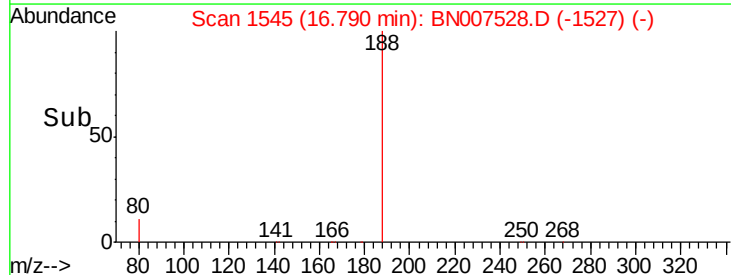
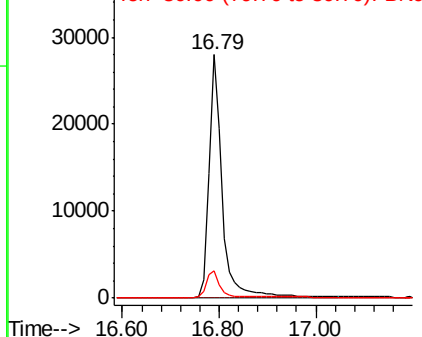


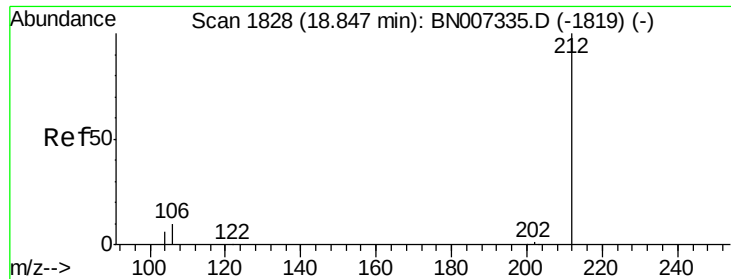
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BN007528.D
Acq: 01 Sep 2019 16:49

Tgt Ion:188 Resp: 52504
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 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: 0.312 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

Instrument :

BNA_N

ClientSampleId :

PB122534BL

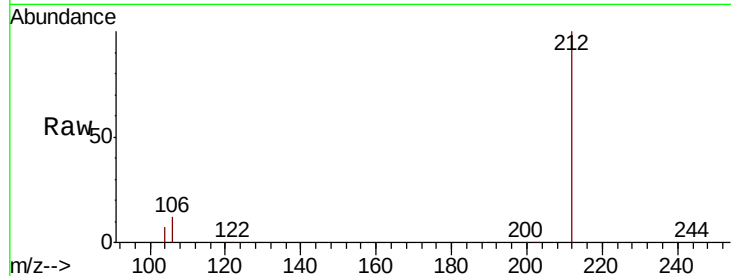
Tot Ion:212 Resp: 52682

Ion Ratio Lower Upper

212 100

106 12.6 9.0 13.4

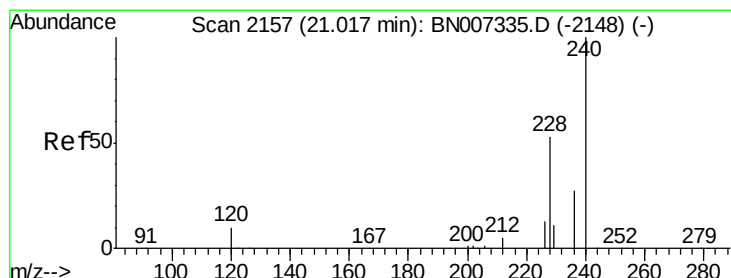
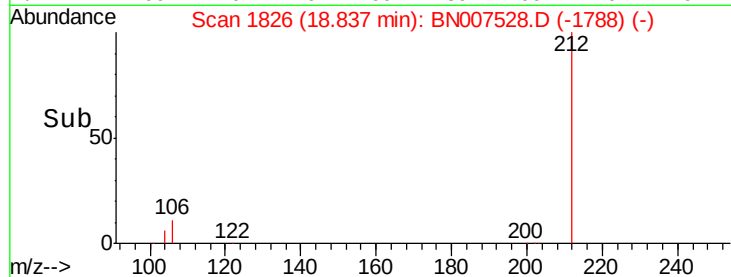
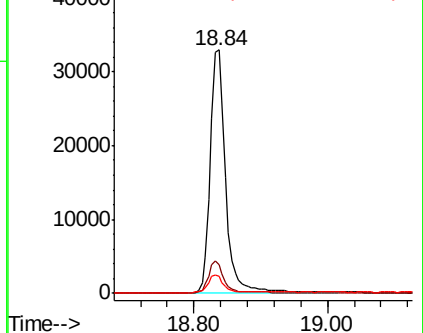
104 7.2 5.4 8.2



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: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

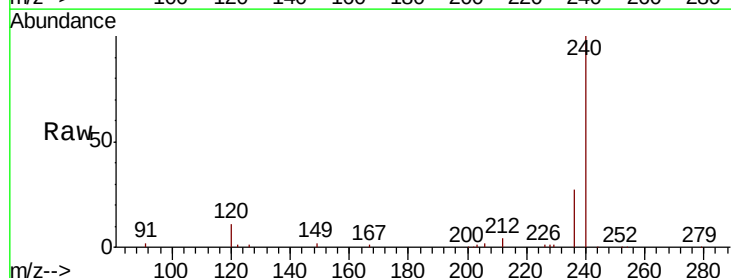
Tgt Ion:240 Resp: 49178

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

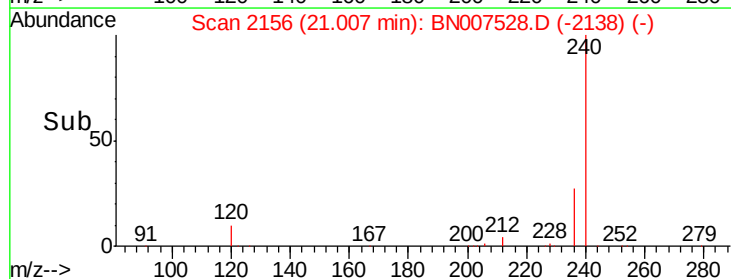
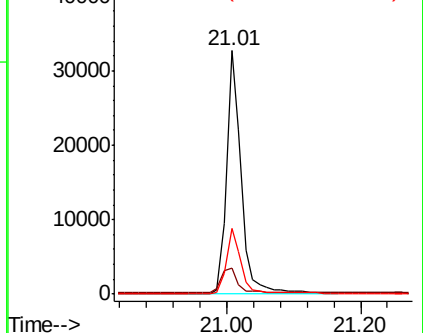
236 27.0 22.2 33.2

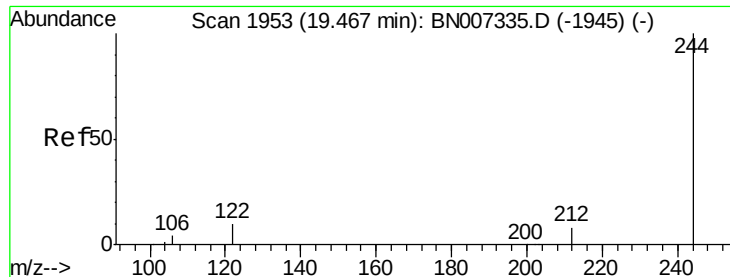


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007528.D

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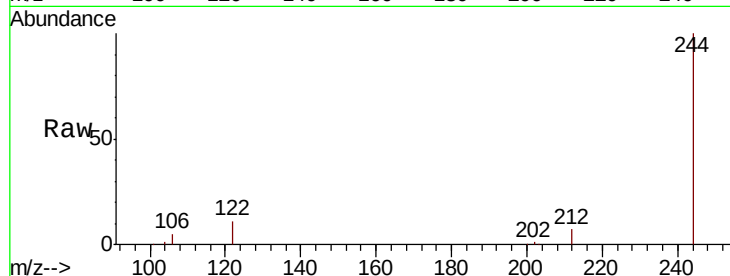
Tot Ion:244 Resp: 40703

Ion Ratio Lower Upper

244 100

212 7.4 7.0 10.6

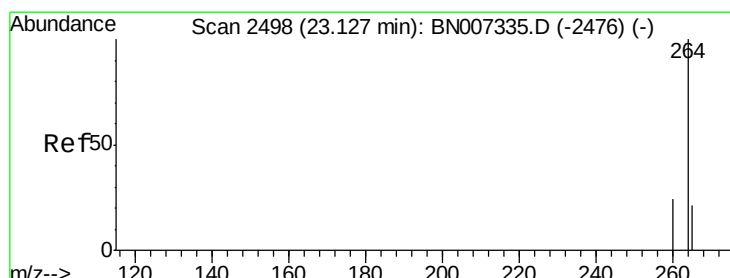
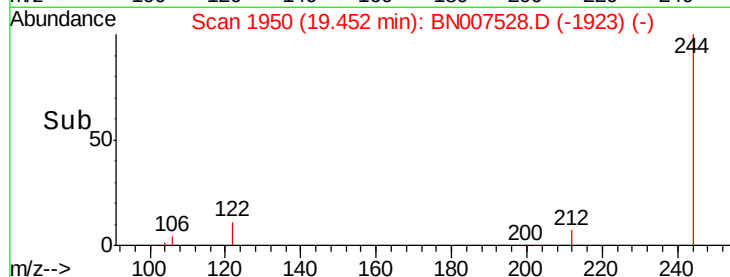
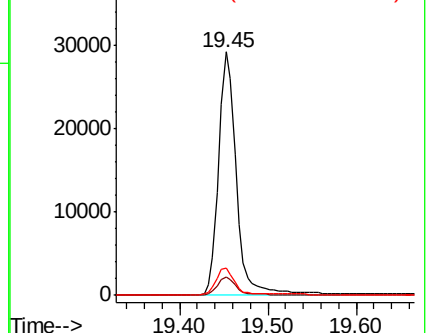
122 11.4 9.6 14.4



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# 2492

Delta R.T. -0.02 min

Lab File: BN007528.D

Acq: 01 Sep 2019 16:49

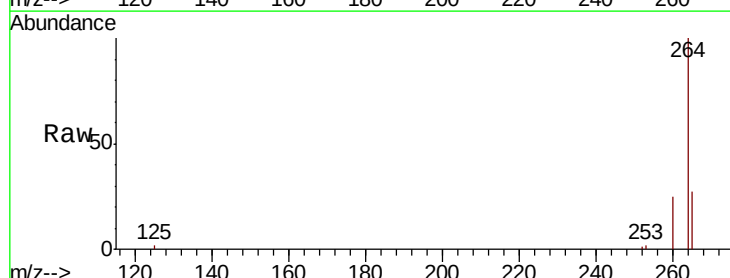
Tgt Ion:264 Resp: 51500

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 26.6 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

