

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008901.D
 Acq On : 10 Dec 2019 12:02
 Operator : JU
 Sample : PB124807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB124807BL

Quant Time: Dec 10 15:16:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2911	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10897	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7273	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	18817	0.40	ng	0.00
27) Chrysene-d12	21.13	240	19659	0.40	ng	0.00
34) Perylene-d12	23.28	264	18859	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2736	0.37	ng	0.00
5) Phenol-d6	6.75	99	3799	0.37	ng	0.00
8) Nitrobenzene-d5	8.71	82	2709	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	6031	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	548	0.16	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	8801	0.32	ng	0.00
25) Fluoranthene-d10	18.97	212	20087	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	15003	0.33	ng	0.00

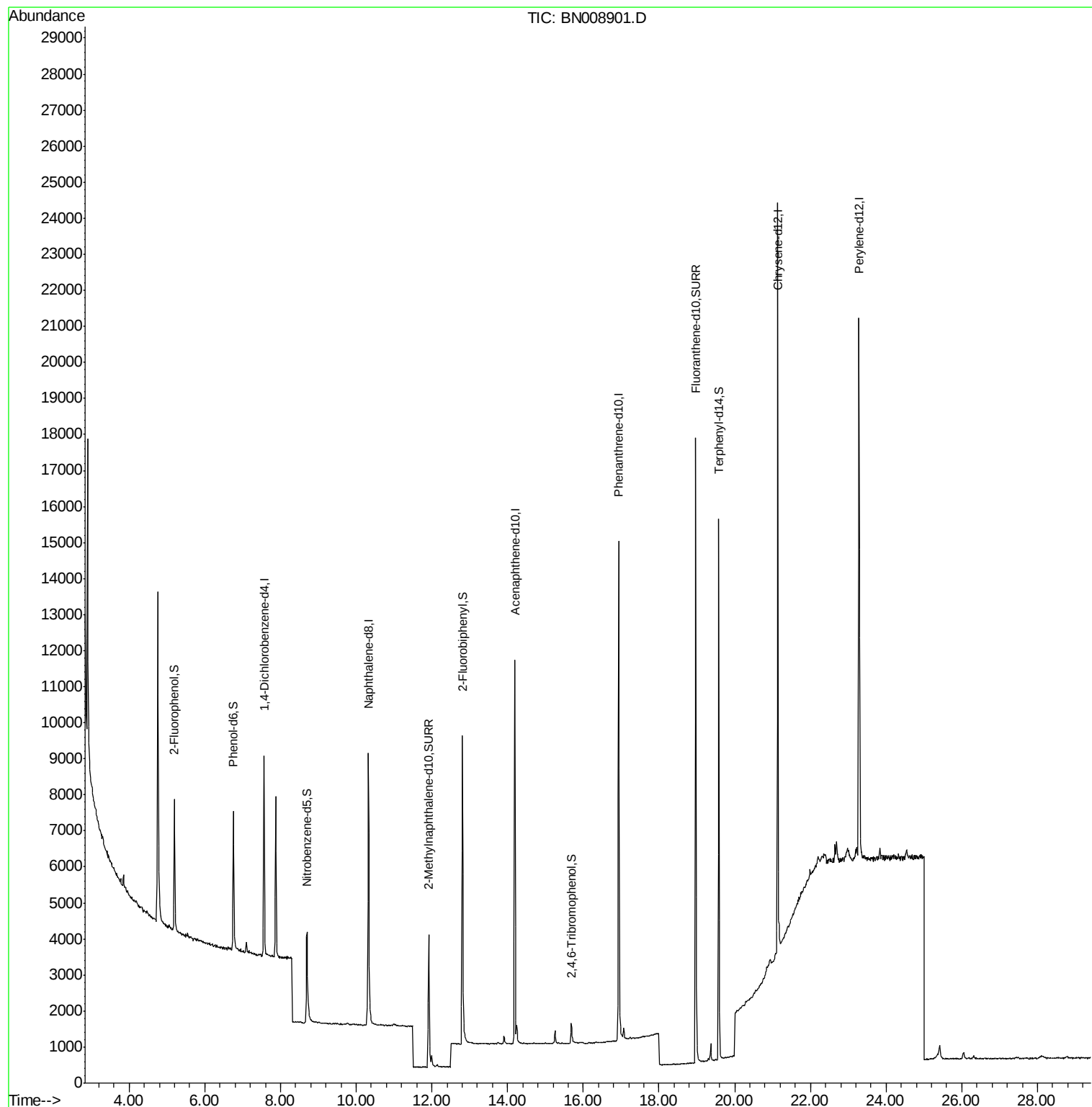
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008901.D
Acq On : 10 Dec 2019 12:02
Operator : JU
Sample : PB124807BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB124807BL

Quant Time: Dec 10 15:16:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration



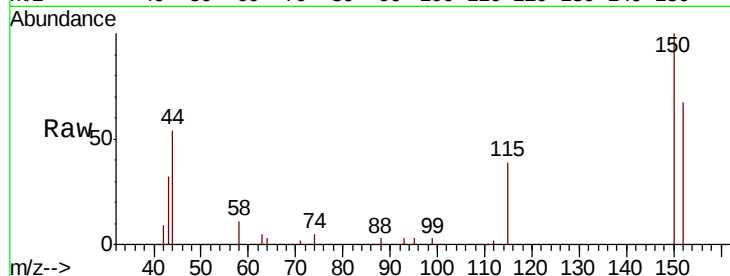


#1

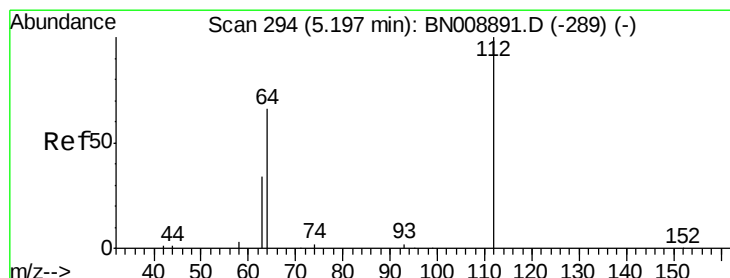
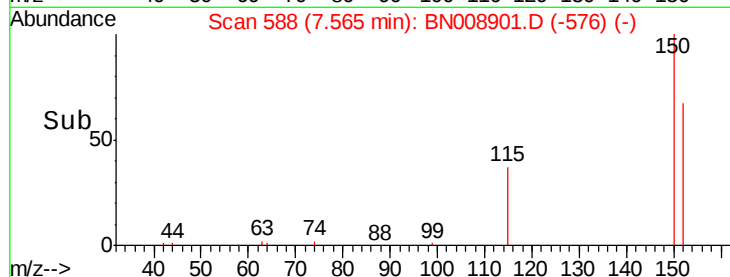
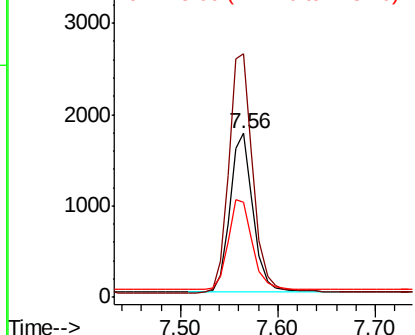
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB124807BL

Tot Ion:152 Resp: 2911
Ion Ratio Lower Upper
152 100
150 148.5 122.3 183.5
115 58.3 48.4 72.6



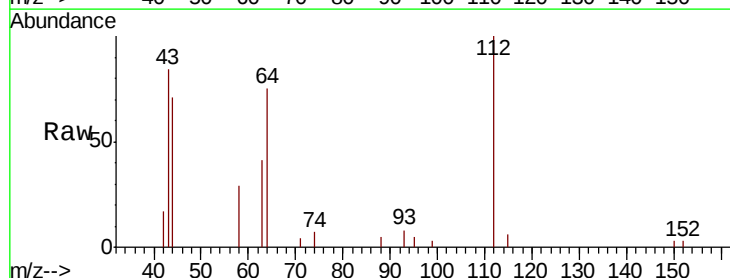
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



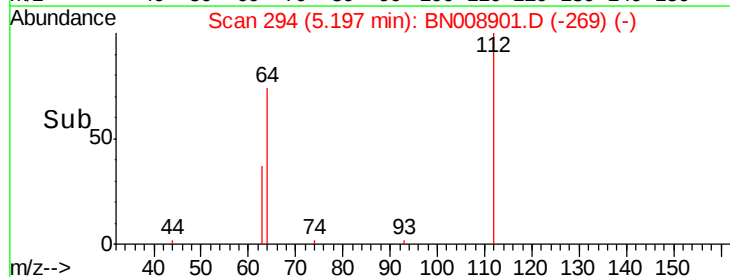
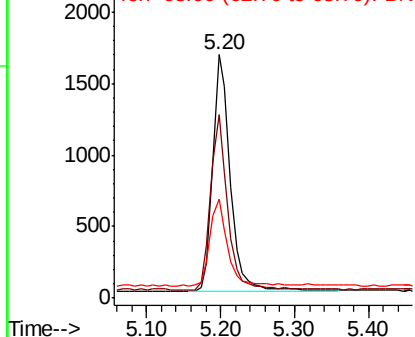
#4

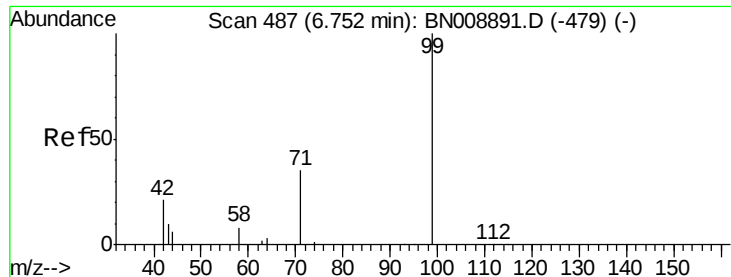
2-Fluorophenol
Concen: 0.370 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:112 Resp: 2736
Ion Ratio Lower Upper
112 100
64 72.0 57.7 86.5
63 37.5 29.6 44.4



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: 0.371 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

PB124807BL

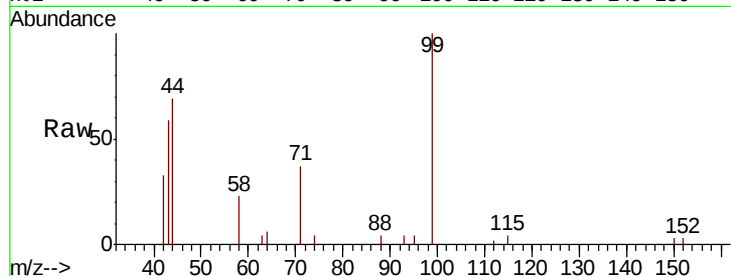
Tot Ion: 99 Resp: 3799

Ion Ratio Lower Upper

99 100

42 23.4 20.1 30.1

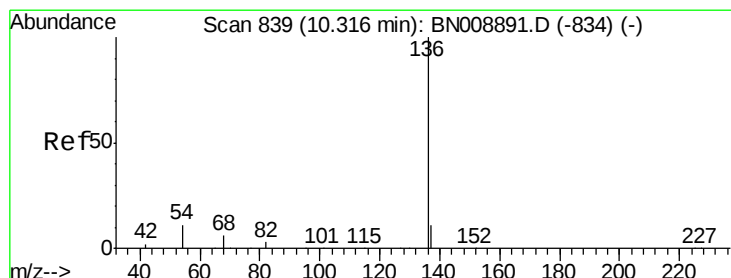
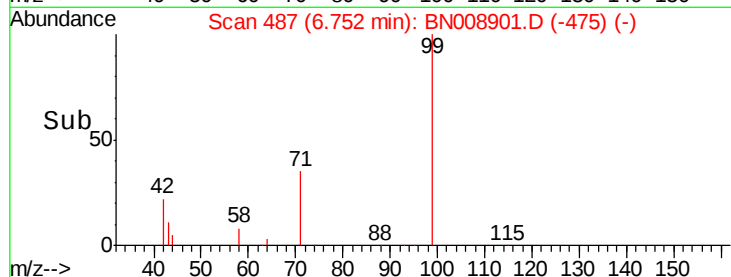
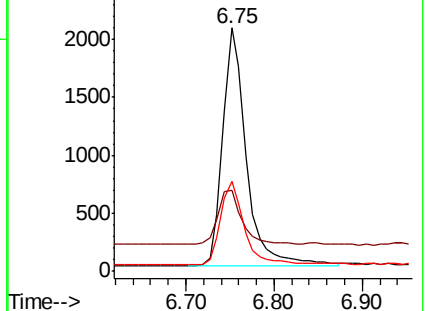
71 35.5 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Tgt Ion: 136 Resp: 10897

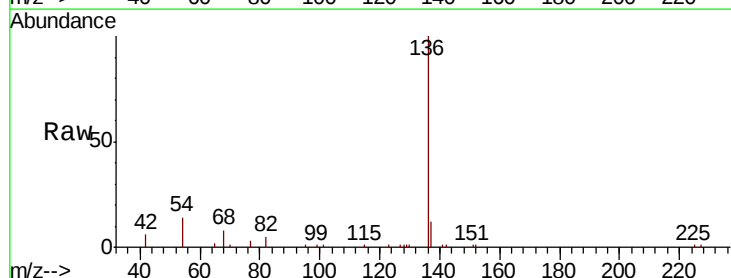
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 14.0 9.6 14.4

68 8.1 5.6 8.4

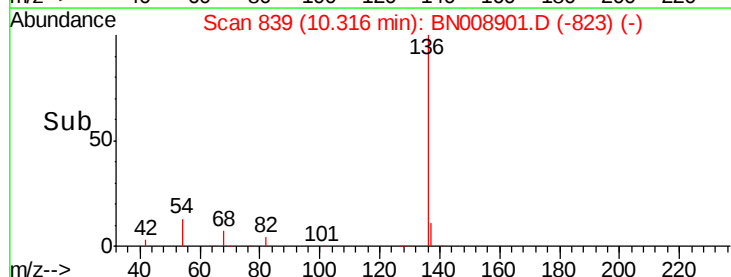
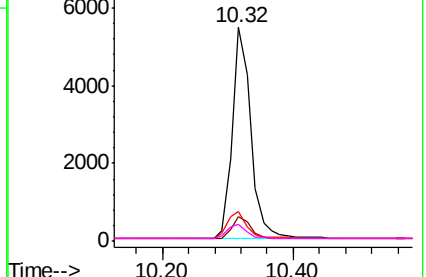


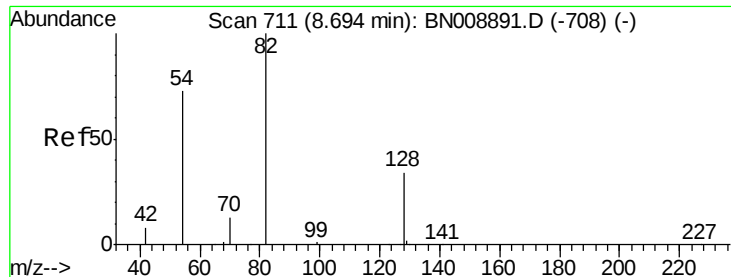
Abundance Ion 136.00 (135.70 to 136.70): BN008891.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN008891.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN008891.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN008891.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB124807BL

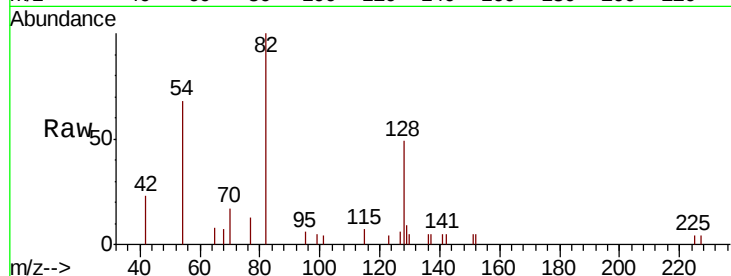
Tot Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 48.6 29.1 43.7#

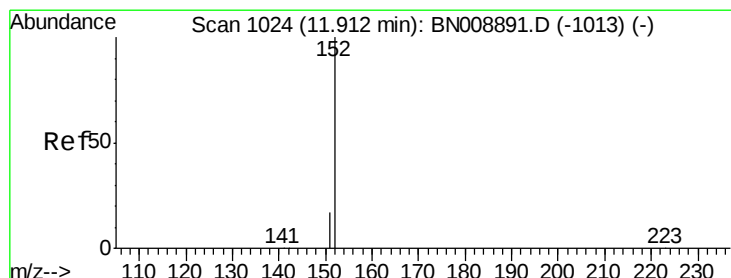
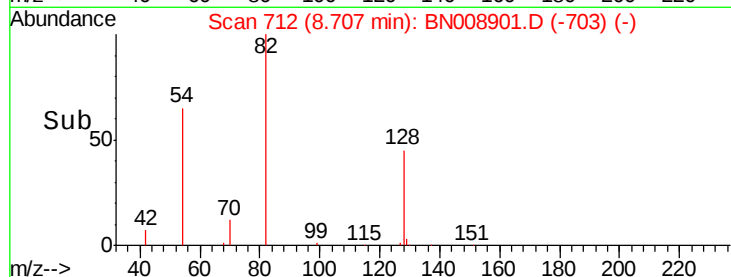
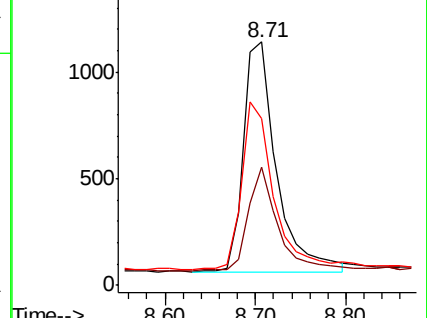
54 68.4 59.7 89.5



Abundance Ion 82.00 (81.70 to 82.70): BN008891.D (-708) (-)

Ion 128.00 (127.70 to 128.70): BN008891.D (-708) (-)

Ion 54.00 (53.70 to 54.70): BN008891.D (-708) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 11.92 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BN008901.D

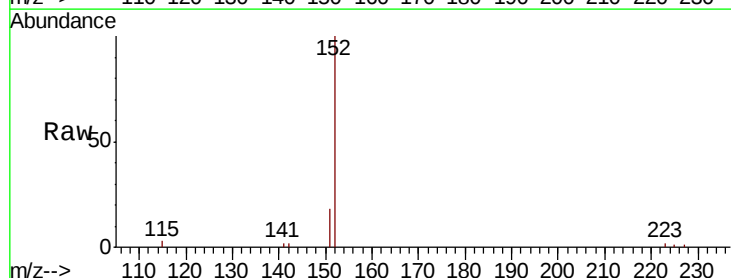
Acq: 10 Dec 2019 12:02

Tgt Ion: 152 Resp: 6031

Ion Ratio Lower Upper

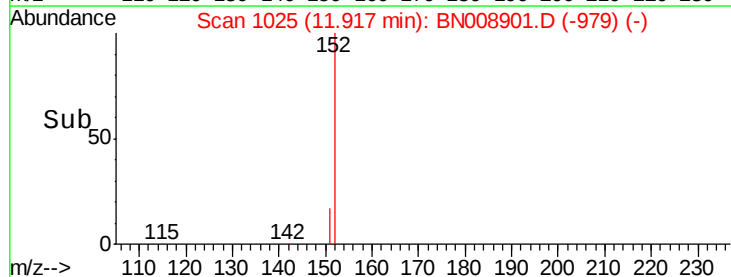
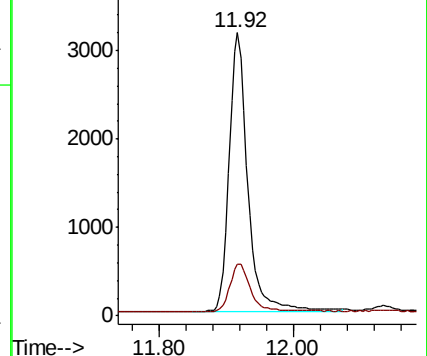
152 100

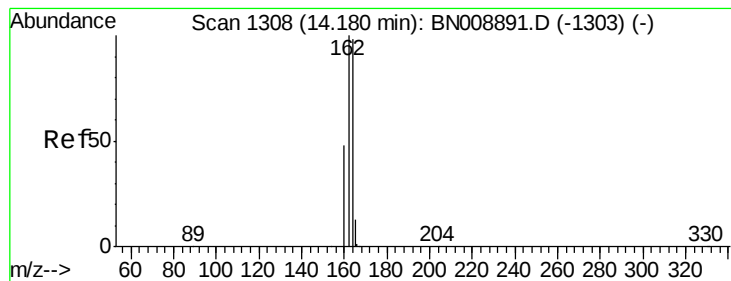
151 18.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN008891.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN008891.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

PB124807BL

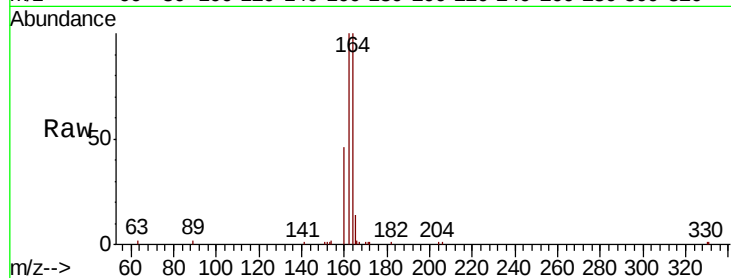
Tot Ion:164 Resp: 7273

Ion Ratio Lower Upper

164 100

162 100.1 81.9 122.9

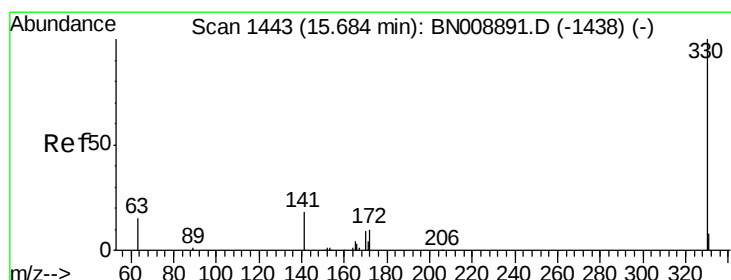
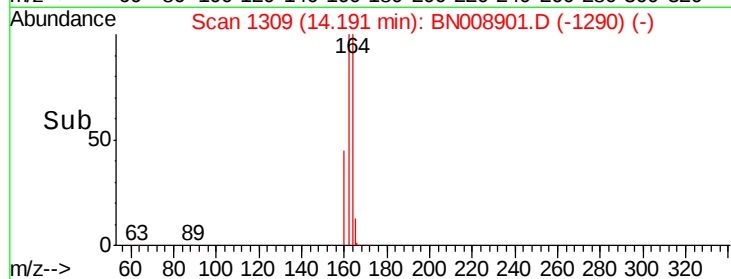
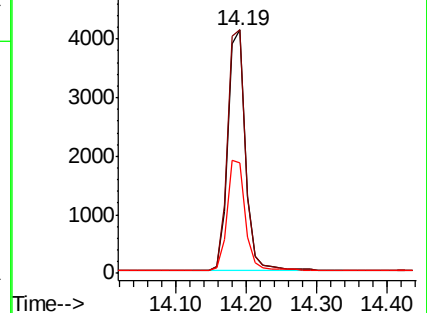
160 45.6 39.3 58.9



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: 0.157 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

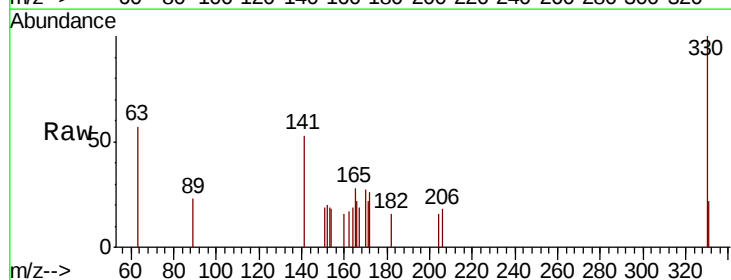
Tgt Ion:330 Resp: 548

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

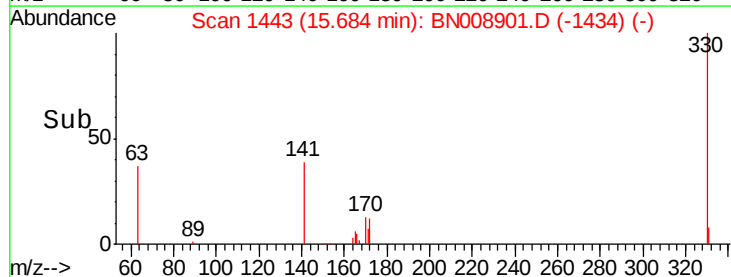
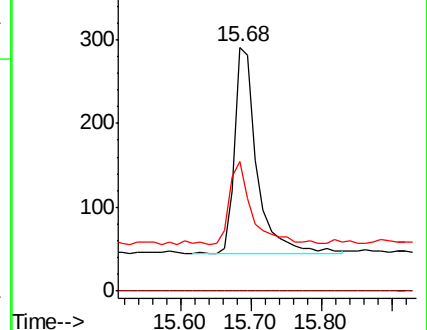
141 41.8 29.6 44.4

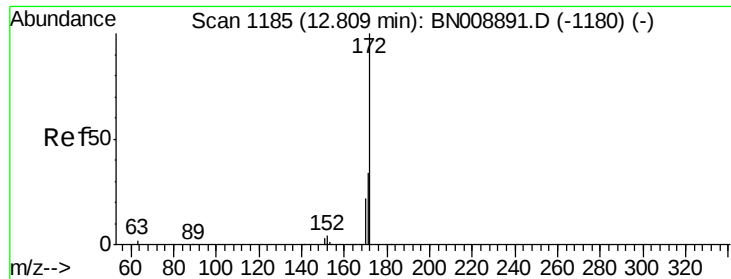


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

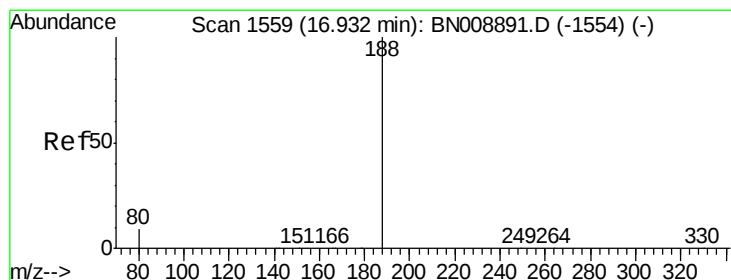
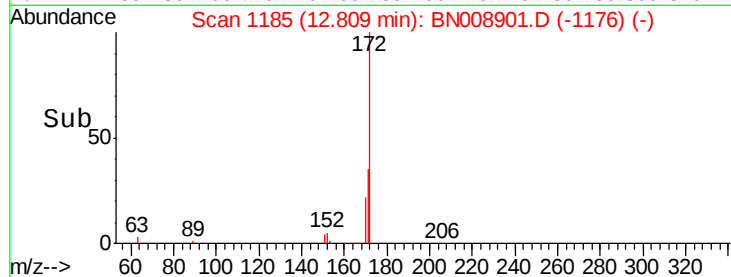
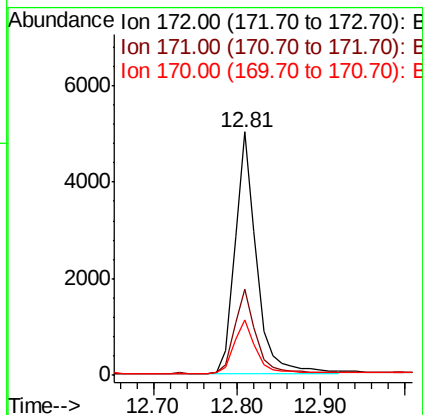
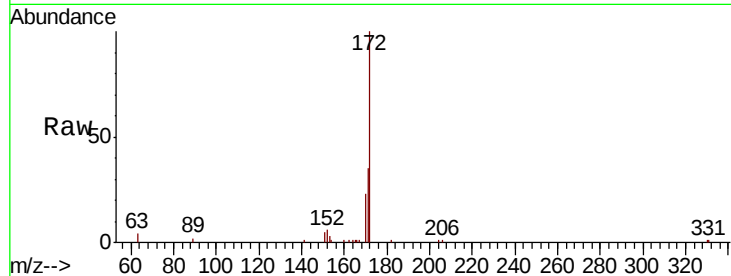




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

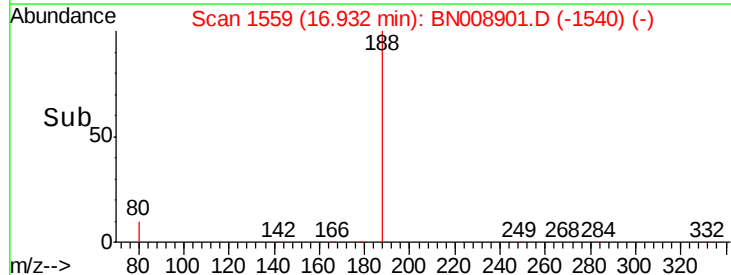
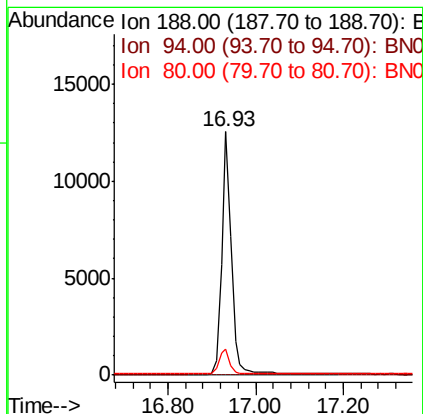
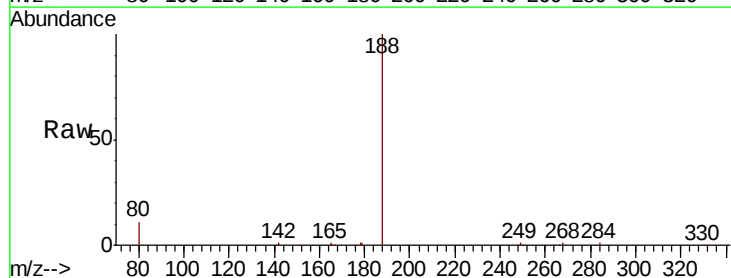
Instrument :
BNA_N
ClientSampleId :
PB124807BL

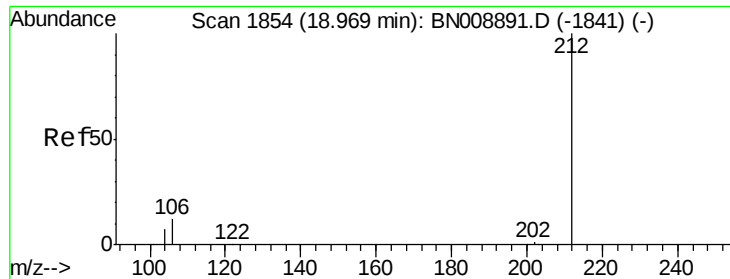
Tot Ion:172 Resp: 8801
Ion Ratio Lower Upper
172 100
171 35.2 27.1 40.7
170 22.7 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:188 Resp: 18817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.3 10.9

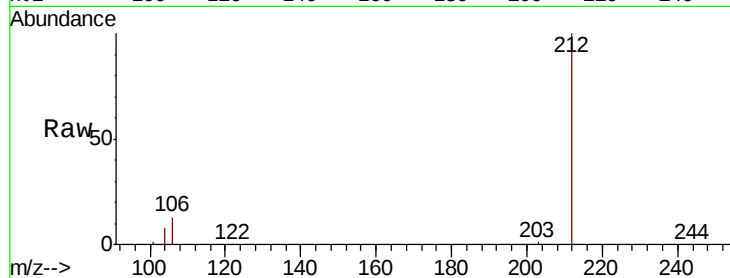




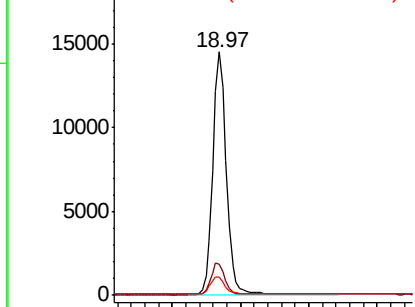
#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 18.97 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BN008901.D
 Acq: 10 Dec 2019 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB124807BL

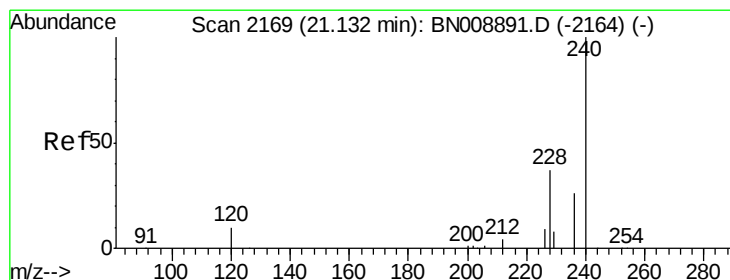
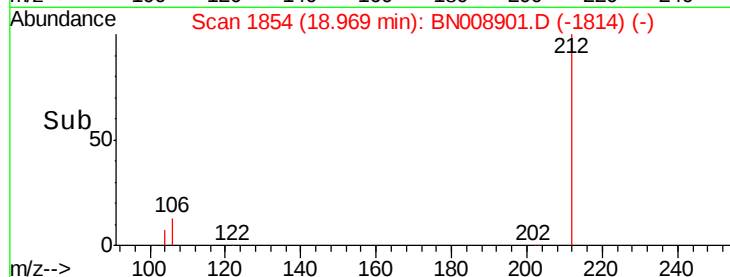
Tot Ion:212 Resp: 20087
 Ion Ratio Lower Upper
 212 100
 106 13.1 10.4 15.6
 104 7.3 5.9 8.9



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

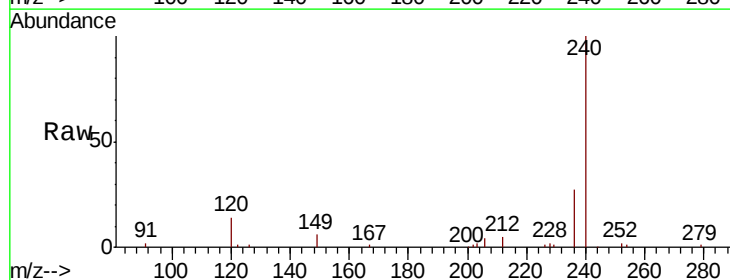


Time-->

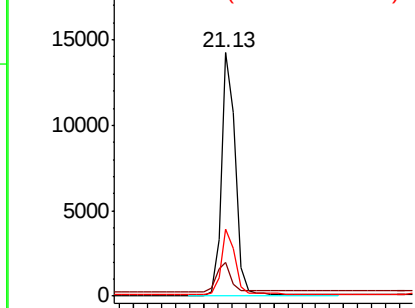


#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN008901.D
 Acq: 10 Dec 2019 12:02

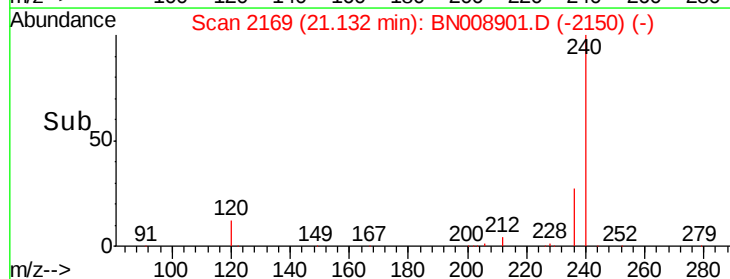
Tgt Ion:240 Resp: 19659
 Ion Ratio Lower Upper
 240 100
 120 14.0 9.1 13.7#
 236 27.3 21.5 32.3

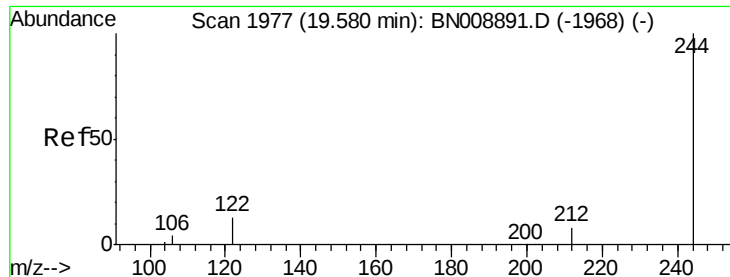


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

PB124807BL

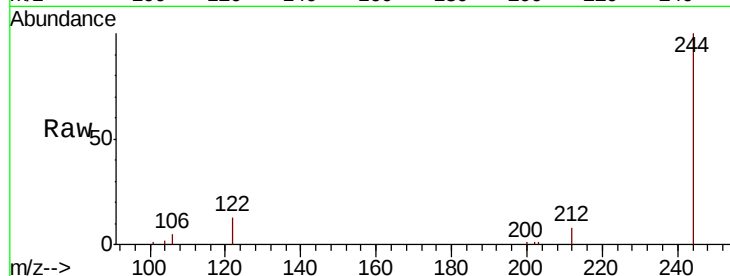
Tot Ion:244 Resp: 15003

Ion Ratio Lower Upper

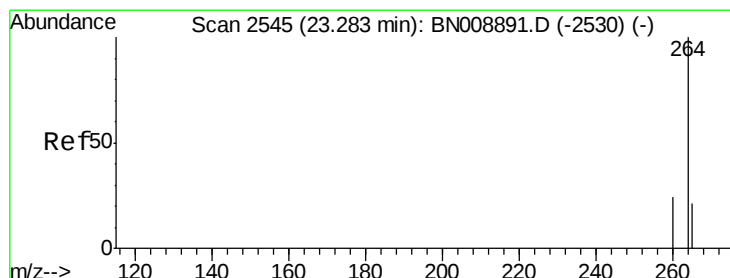
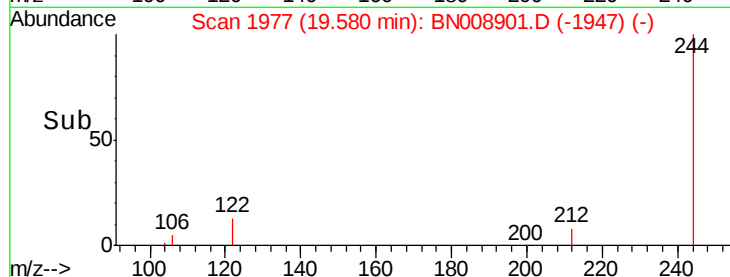
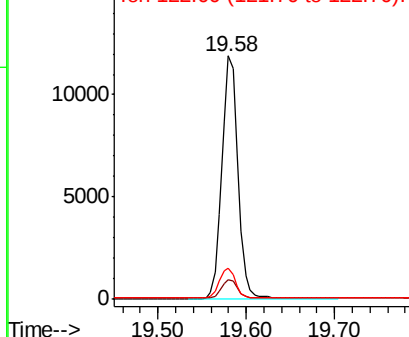
244 100

212 8.1 6.5 9.7

122 13.0 10.4 15.6



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: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

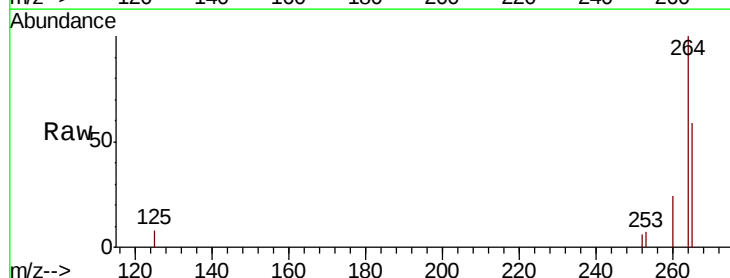
Tgt Ion:264 Resp: 18859

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 59.3 47.5 71.3



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

