

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
 Data File : BN008851.D
 Acq On : 05 Dec 2019 17:14
 Operator : JU
 Sample : PB124508BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 06 03:11:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 15:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2836	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	11022	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7567	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	18863	0.40	ng	0.00
27) Chrysene-d12	21.14	240	21303	0.40	ng	-0.01
34) Perylene-d12	23.30	264	23946	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3163	0.41	ng	0.00
5) Phenol-d6	6.76	99	4470	0.43	ng	0.00
8) Nitrobenzene-d5	8.71	82	3180	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	6551	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	1600	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	9837	0.35	ng	0.00
25) Fluoranthene-d10	18.97	212	22039	0.39	ng	0.00
29) Terphenyl-d14	19.59	244	16938	0.35	ng	0.00

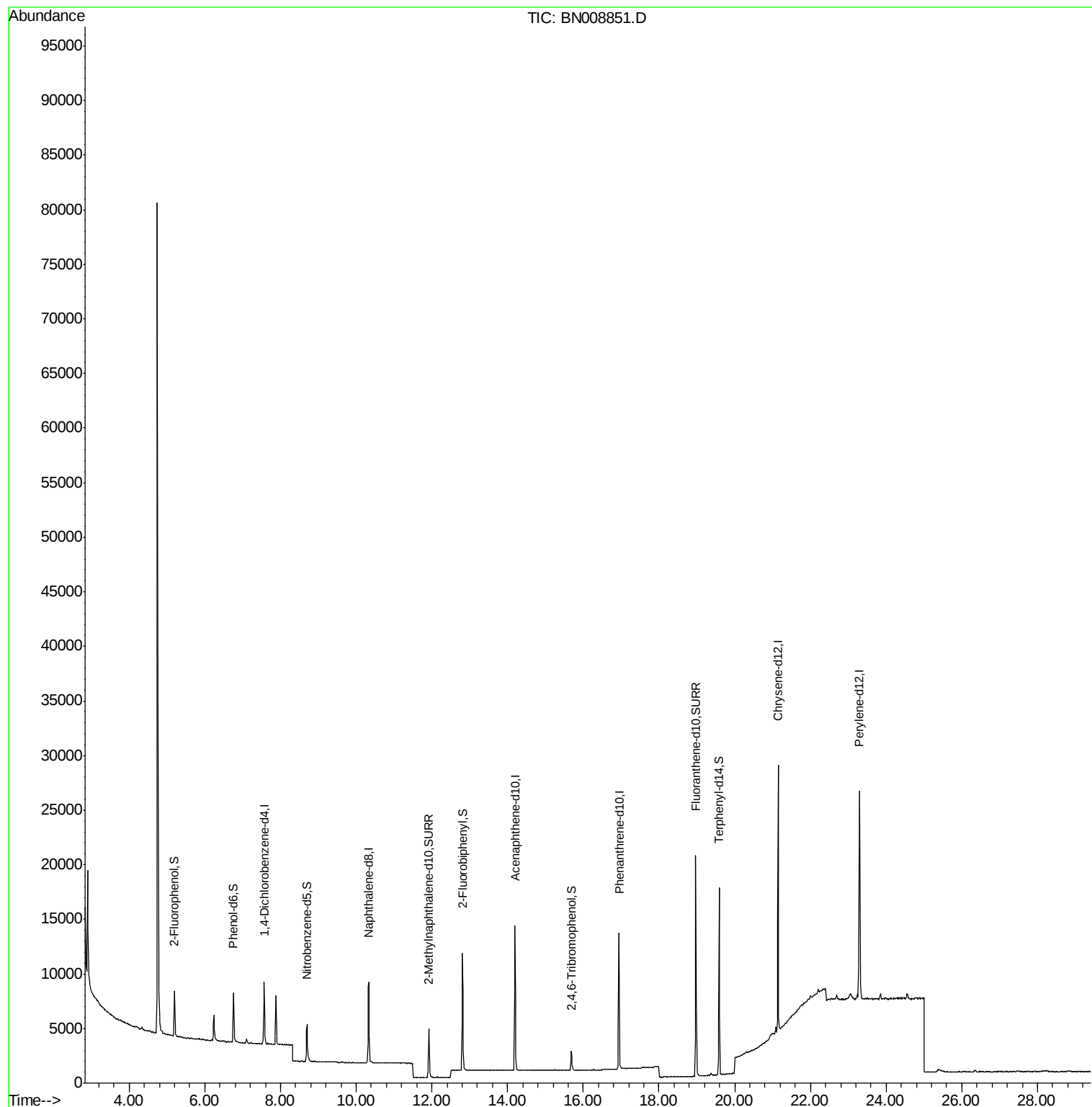
Target Compounds Qvalue

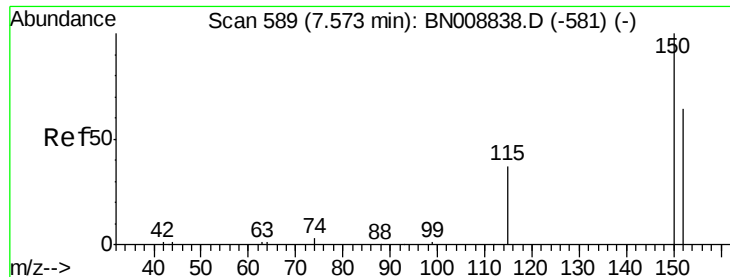
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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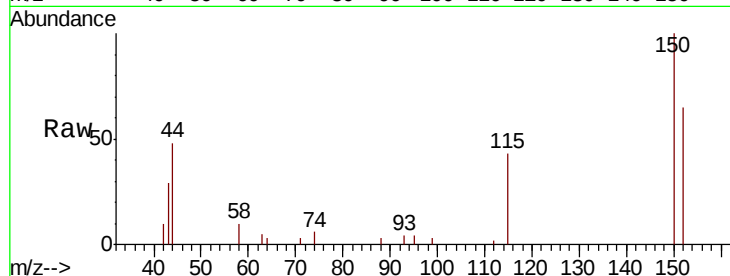


#1

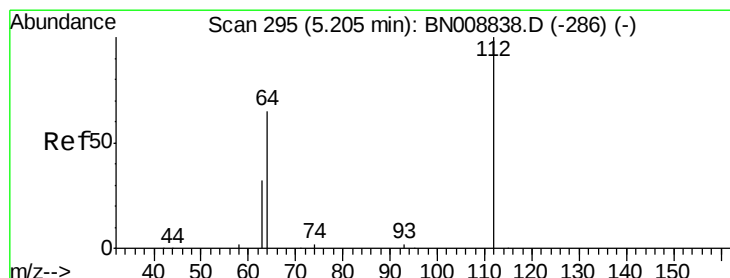
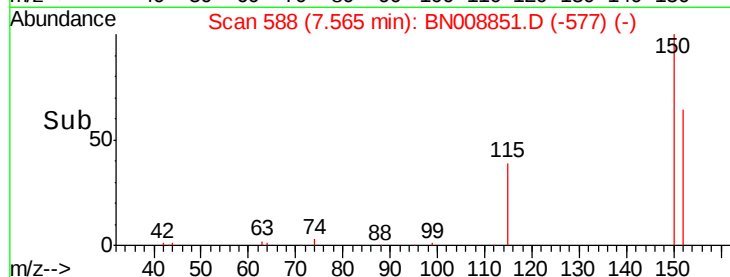
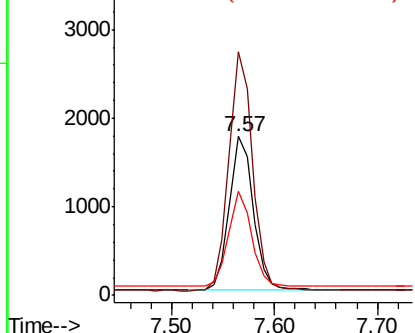
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. -0.01 min
Lab File: BN008851.D
Acq: 05 Dec 2019 17:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2836
Ion Ratio Lower Upper
152 100
150 153.4 123.9 185.9
115 65.4 49.9 74.9



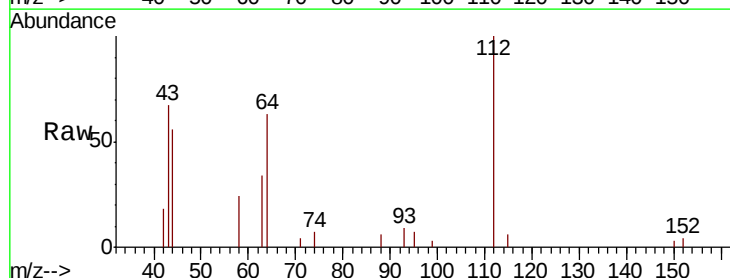
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



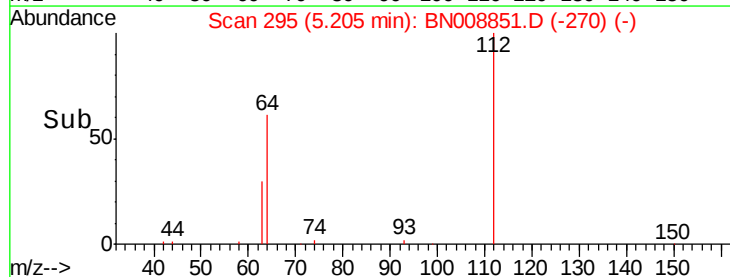
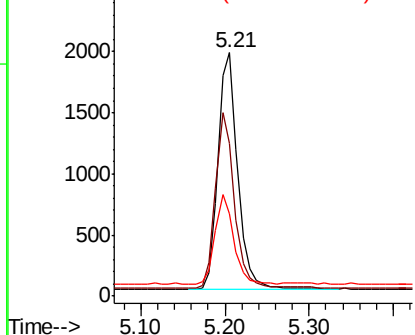
#4

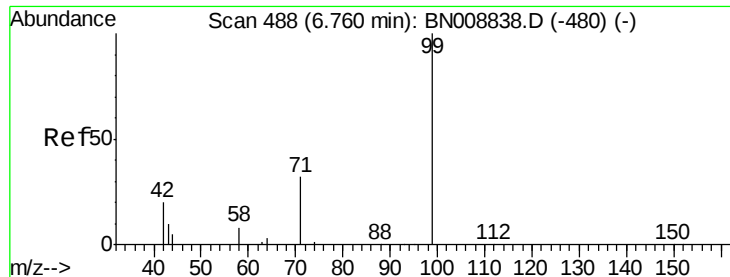
2-Fluorophenol
Concen: 0.412 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN008851.D
Acq: 05 Dec 2019 17:14

Tgt Ion:112 Resp: 3163
Ion Ratio Lower Upper
112 100
64 71.0 56.3 84.5
63 35.6 28.2 42.2



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: 0.427 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Instrument :

BNA_N

ClientSampleId :

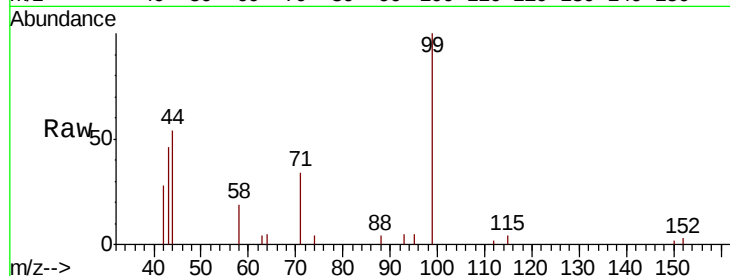
Tot Ion: 99 Resp: 4470

Ion Ratio Lower Upper

99 100

42 23.6 18.1 27.1

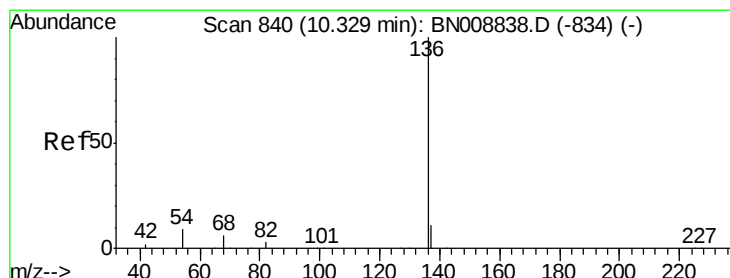
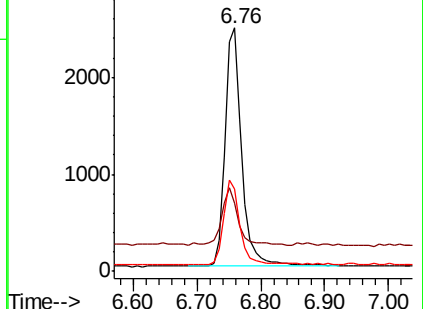
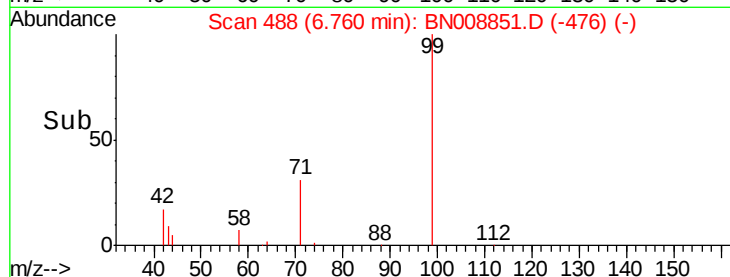
71 34.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008838.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN008838.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN008838.D (-480) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Tgt Ion: 136 Resp: 11022

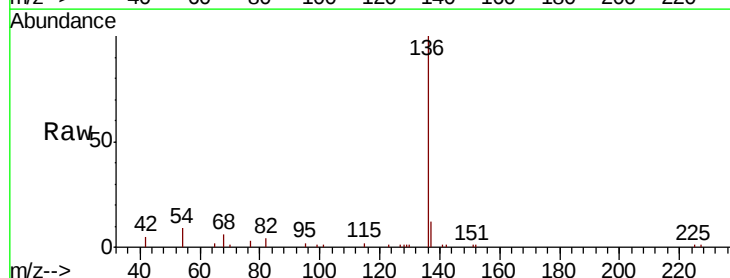
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 9.1 8.2 12.2

68 6.1 5.4 8.2

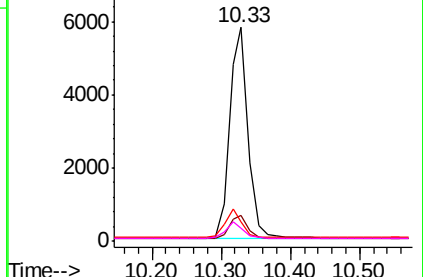
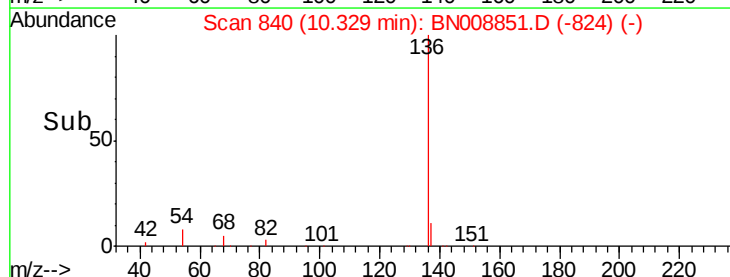


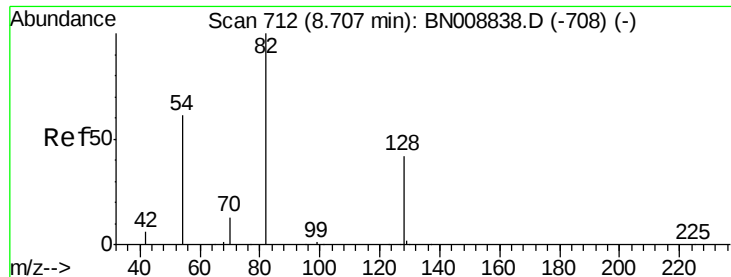
Abundance Ion 136.00 (135.70 to 136.70): BN008838.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN008838.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN008838.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN008838.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Instrument :

BNA_N

ClientSampleId :

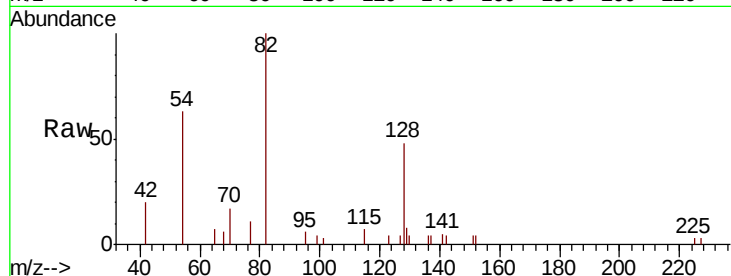
Tot Ion: 82 Resp: 3180

Ion Ratio Lower Upper

82 100

128 47.6 35.0 52.6

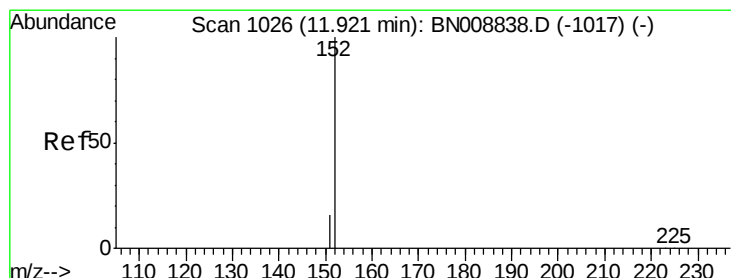
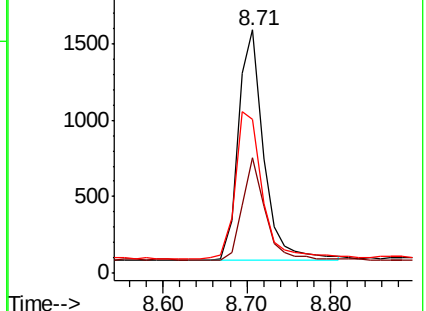
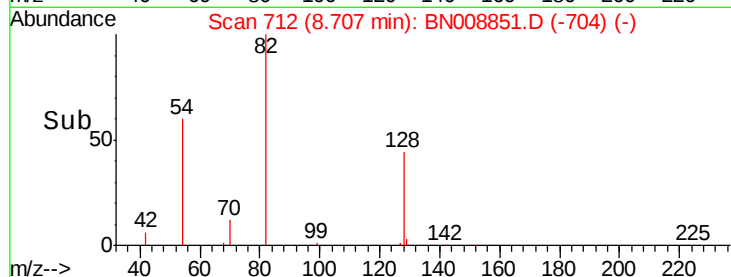
54 63.1 50.2 75.2



Abundance Ion 82.00 (81.70 to 82.70): BN008851.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN008851.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN008851.D (-704) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN008851.D

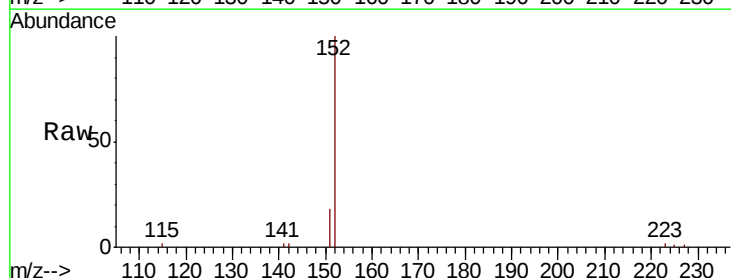
Acq: 05 Dec 2019 17:14

Tgt Ion: 152 Resp: 6551

Ion Ratio Lower Upper

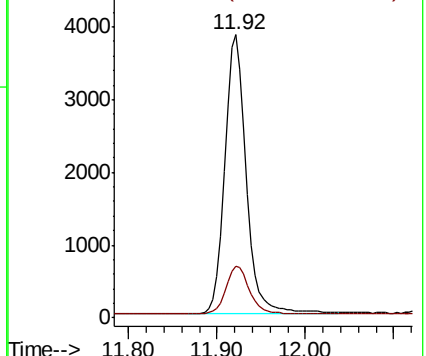
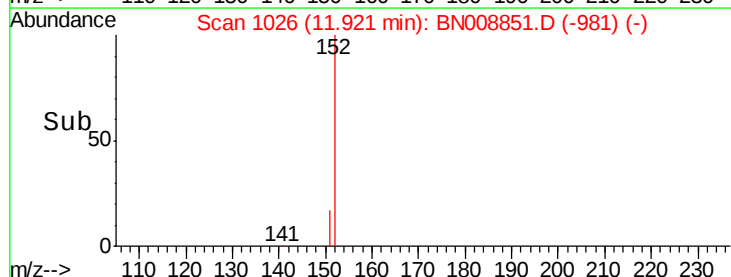
152 100

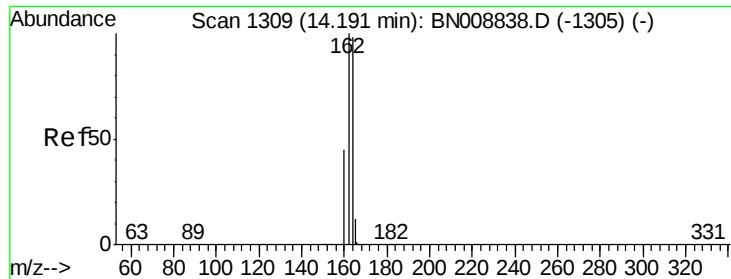
151 18.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN008851.D (-981) (-)

Ion 151.00 (150.70 to 151.70): BN008851.D (-981) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Instrument :

BNA_N

ClientSampleId :

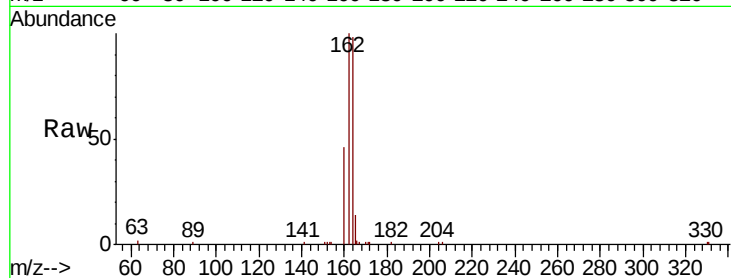
Tot Ion:164 Resp: 7567

Ion Ratio Lower Upper

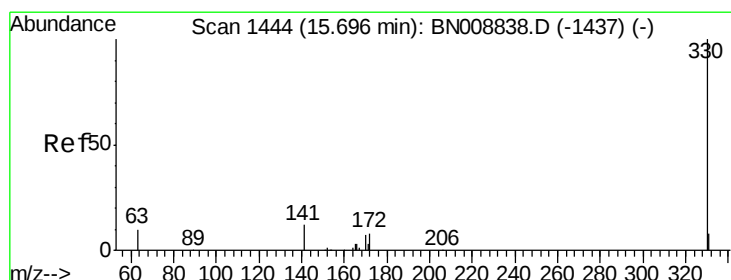
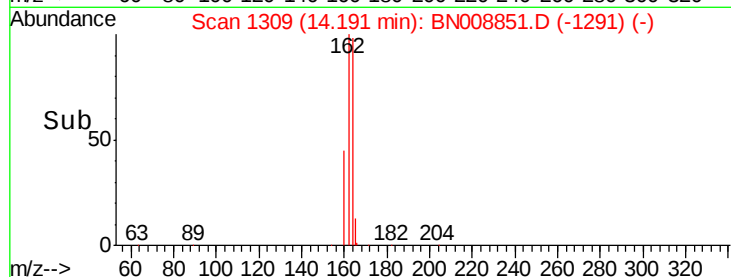
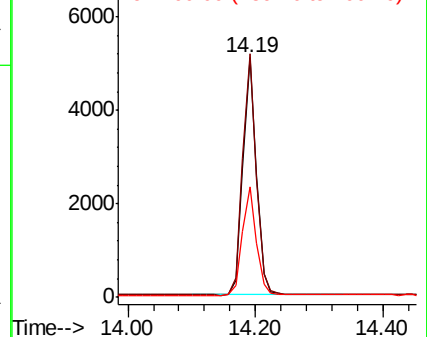
164 100

162 101.7 81.9 122.9

160 46.4 37.4 56.2



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: 0.389 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

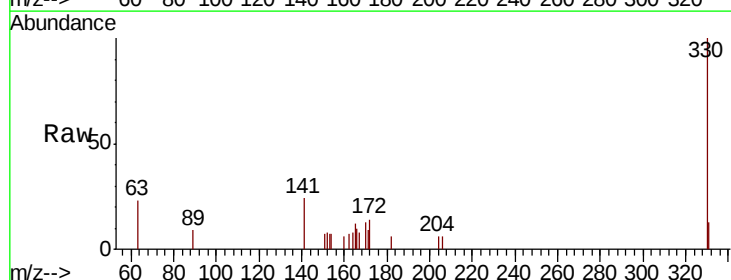
Tgt Ion:330 Resp: 1600

Ion Ratio Lower Upper

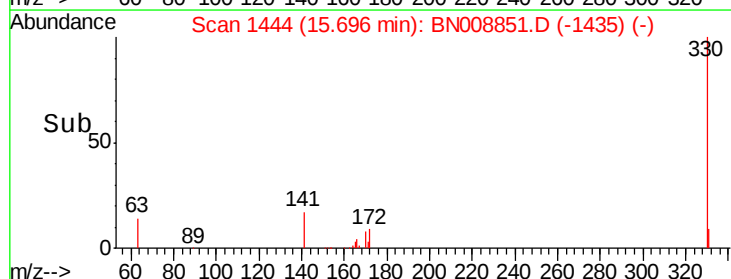
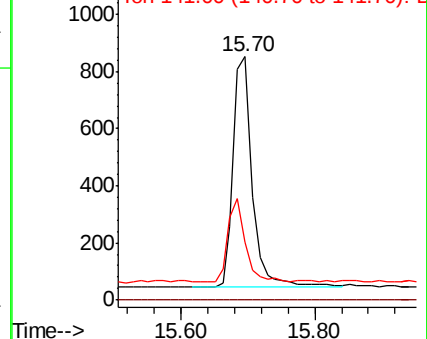
330 100

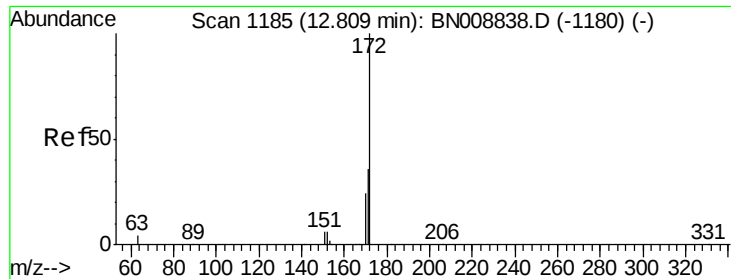
332 0.0 0.0 0.0

141 32.9 26.2 39.4



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

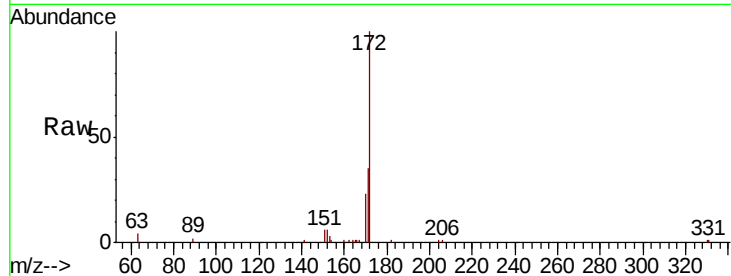




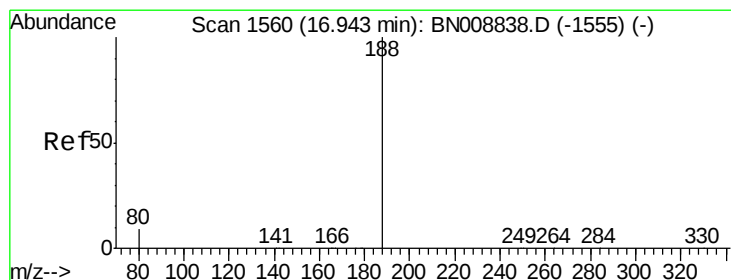
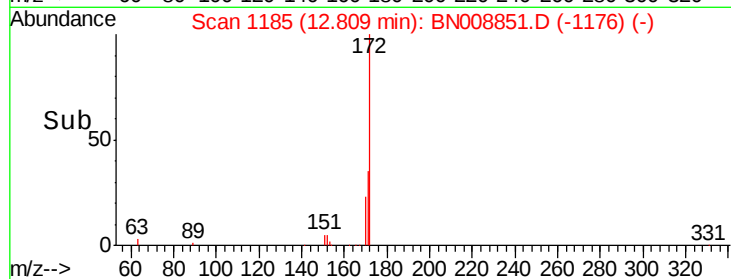
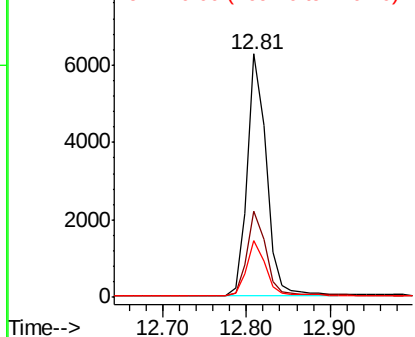
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008851.D
Acq: 05 Dec 2019 17:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 9837
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.2 19.7 29.5

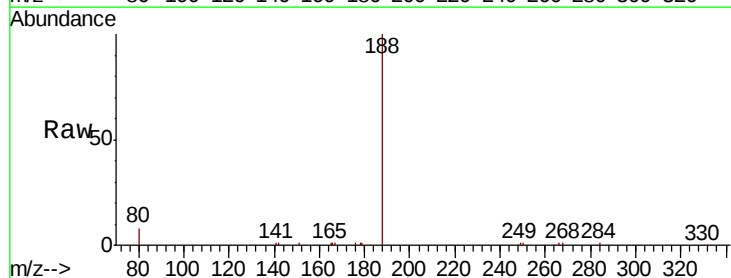


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

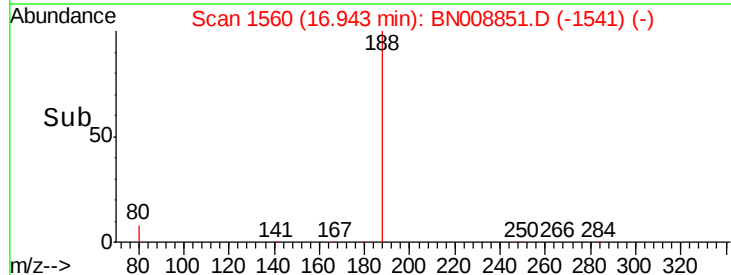
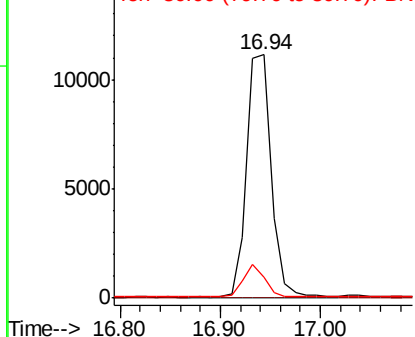


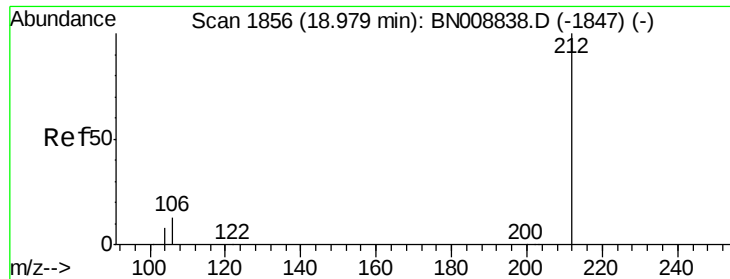
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN008851.D
Acq: 05 Dec 2019 17:14

Tgt Ion:188 Resp: 18863
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.2



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: 0.386 ng

RT: 18.97 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Instrument :

BNA_N

ClientSampleId :

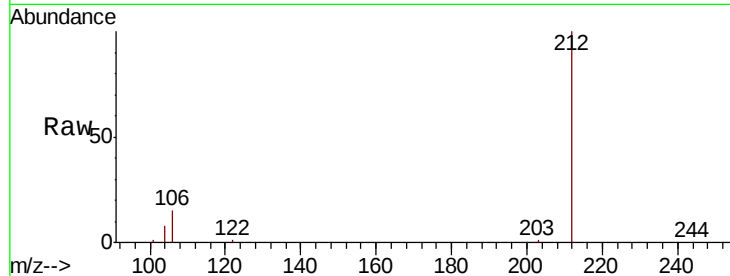
Tot Ion:212 Resp: 22039

Ion Ratio Lower Upper

212 100

106 13.8 10.7 16.1

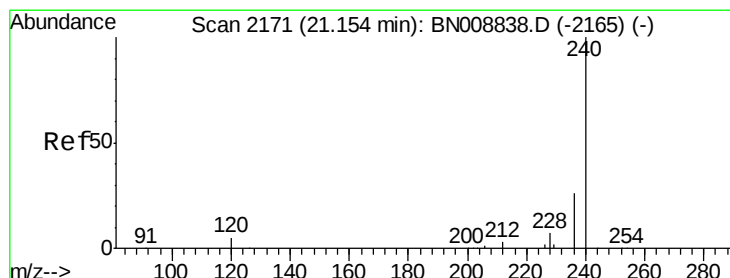
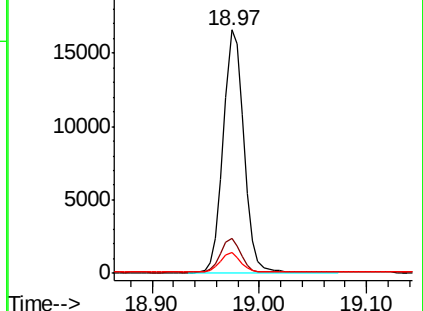
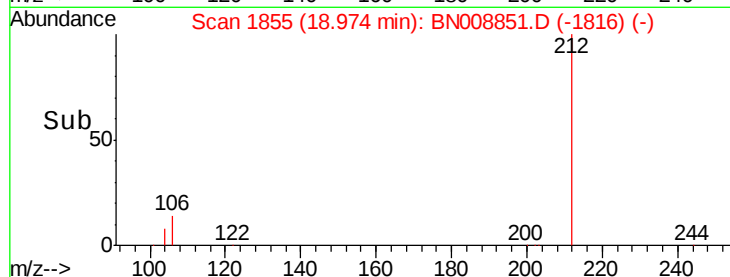
104 7.8 6.1 9.1



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: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

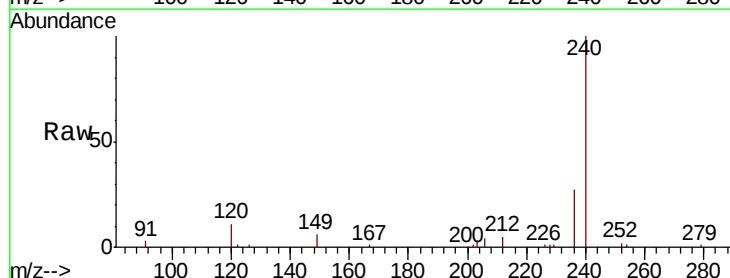
Tgt Ion:240 Resp: 21303

Ion Ratio Lower Upper

240 100

120 11.5 6.0 9.0#

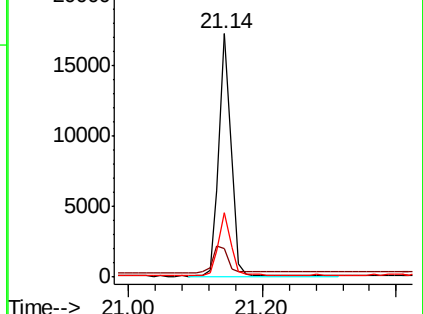
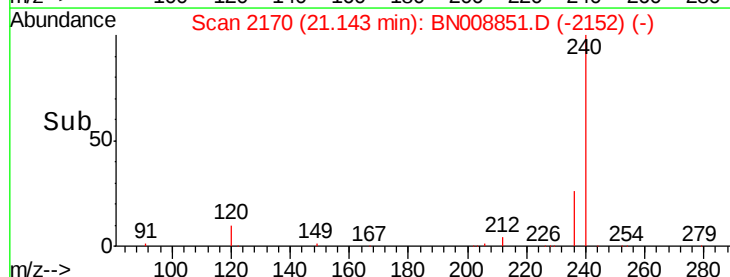
236 26.7 21.4 32.0

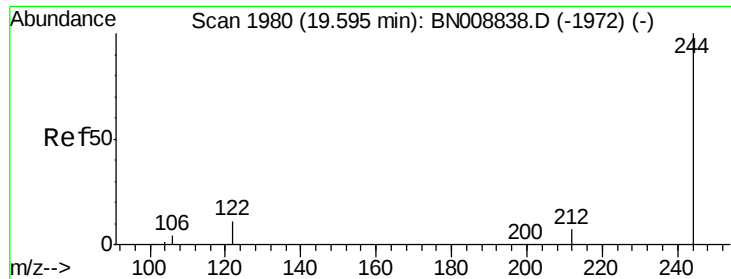


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

Instrument :

BNA_N

ClientSampleId :

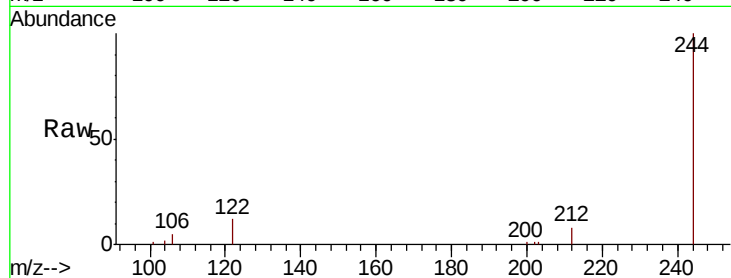
Tot Ion:244 Resp: 16938

Ion Ratio Lower Upper

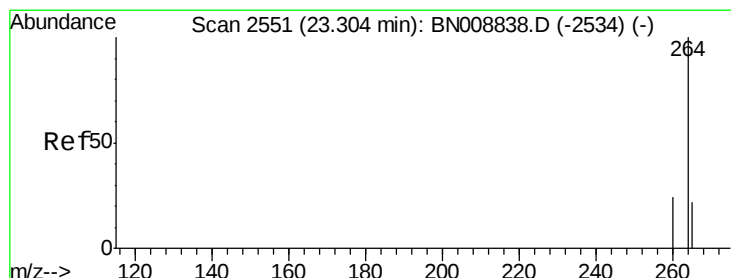
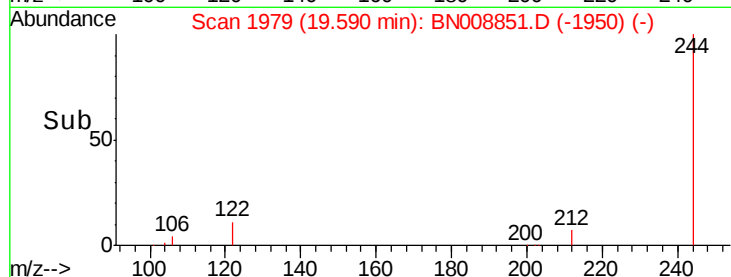
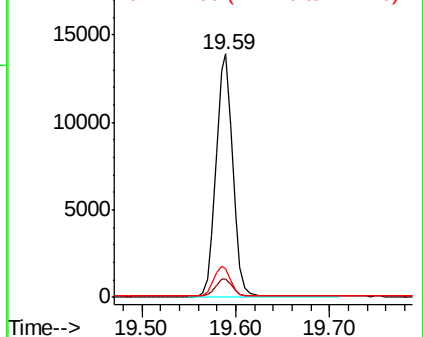
244 100

212 7.6 6.1 9.1

122 11.5 8.9 13.3



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: 23.30 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN008851.D

Acq: 05 Dec 2019 17:14

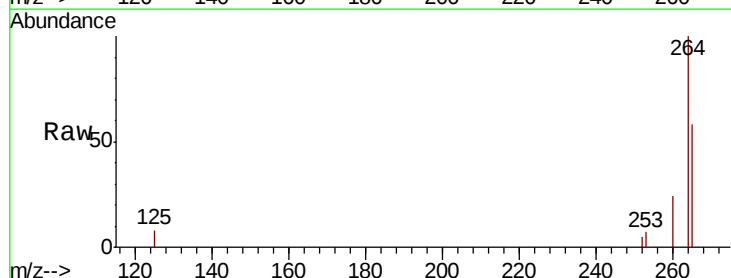
Tgt Ion:264 Resp: 23946

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 57.7 46.8 70.2



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

