

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000189.D
 Acq On : 27 Feb 2018 14:05
 Operator : JU/SJ
 Sample : MDL-S-BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-BL

Quant Time: Feb 27 15:25:05 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	5903	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	21453	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	10788	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	27176	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19406	0.40	ng	0.00
34) Perylene-d12	24.37	264	15022	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	5456	0.44	ng	0.00
5) Phenol-d6	7.58	99	6554	0.41	ng	0.00
8) Nitrobenzene-d5	9.63	82	4278	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	11580	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1064	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	17883	0.35	ng	0.00
25) Fluoranthene-d10	19.77	212	24497	0.34	ng	0.00
29) Terphenyl-d14	20.33	244	13753	0.40	ng	0.00

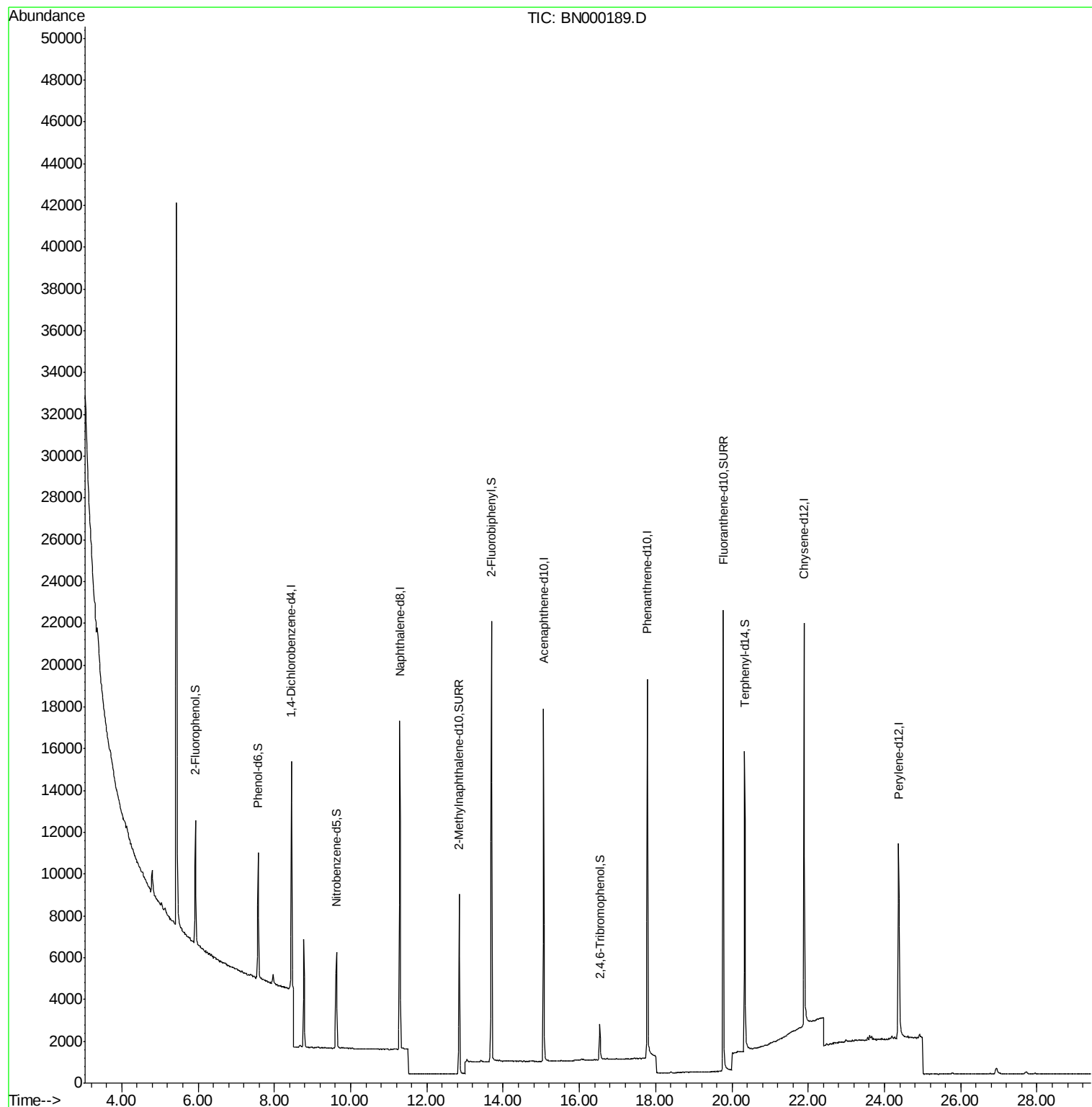
Target Compounds	Qvalue
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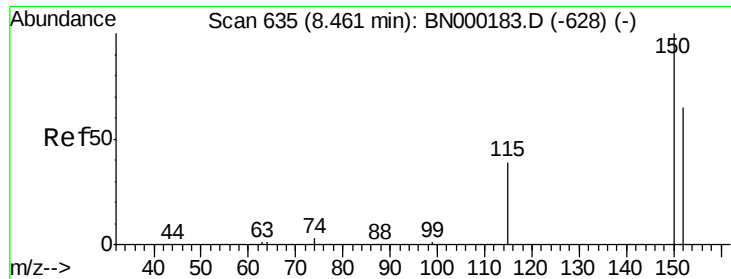
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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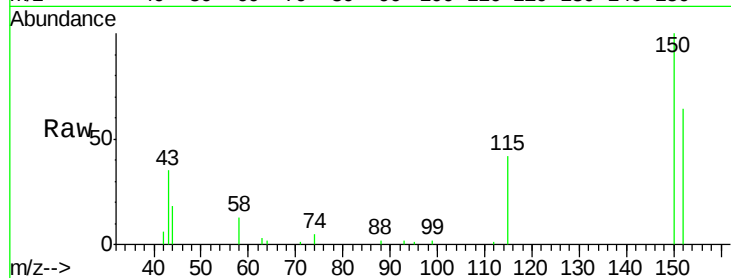


#1

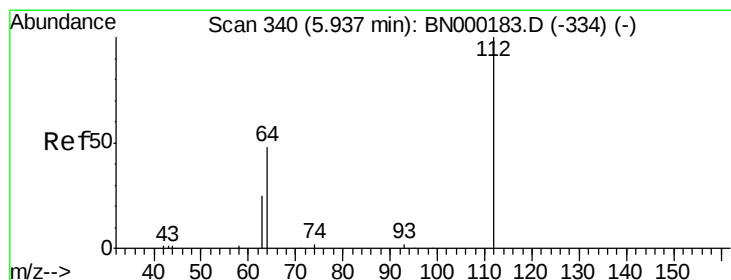
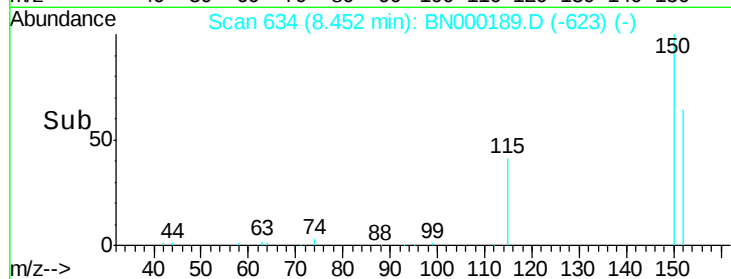
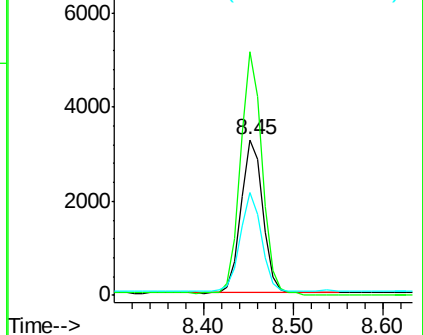
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000189.D
Acq: 27 Feb 2018 14:05

Instrument :
BNA_N
ClientSampleId :
MDL-S-BL

Tgt Ion:152 Resp: 5903
Ion Ratio Lower Upper
152 100
150 156.3 117.2 175.8
115 65.7 57.0 85.6



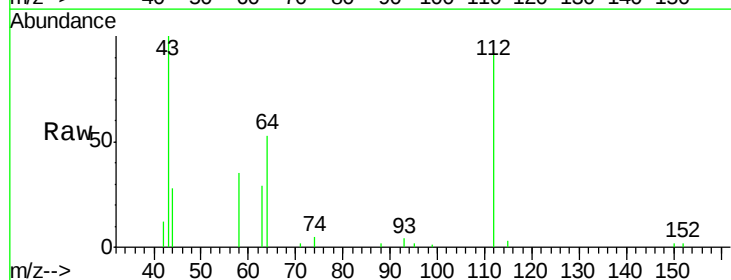
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



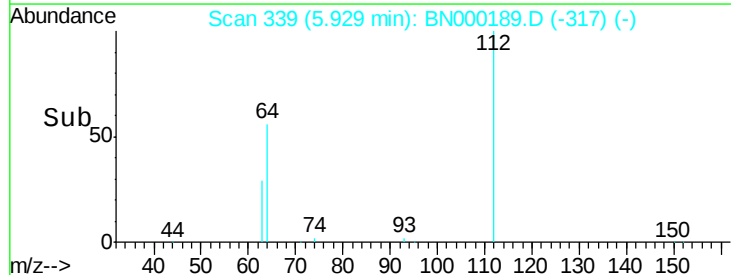
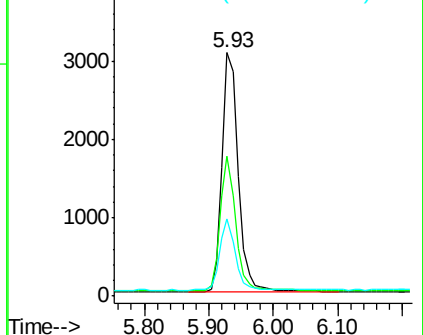
#4

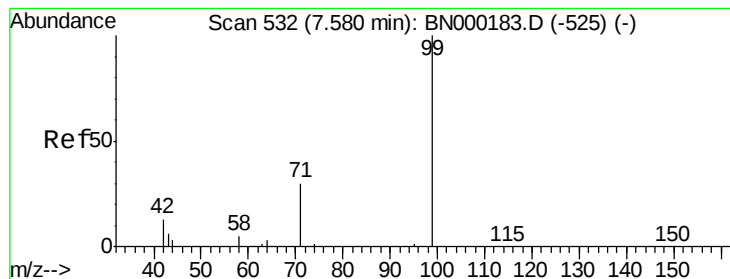
2-Fluorophenol
Concen: 0.438 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000189.D
Acq: 27 Feb 2018 14:05

Tgt Ion:112 Resp: 5456
Ion Ratio Lower Upper
112 100
64 53.9 60.1 90.1#
63 27.8 116.8 175.2#



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: 0.414 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

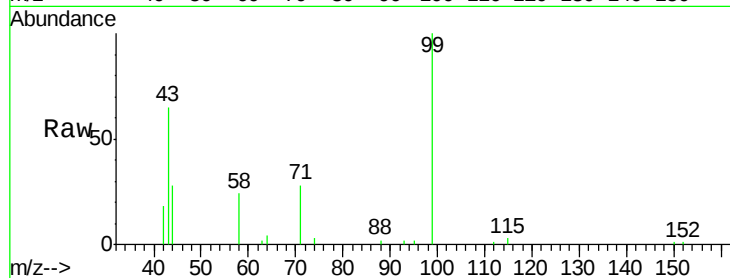
Tgt Ion: 99 Resp: 6554

Ion Ratio Lower Upper

99 100

42 15.0 20.2 30.2#

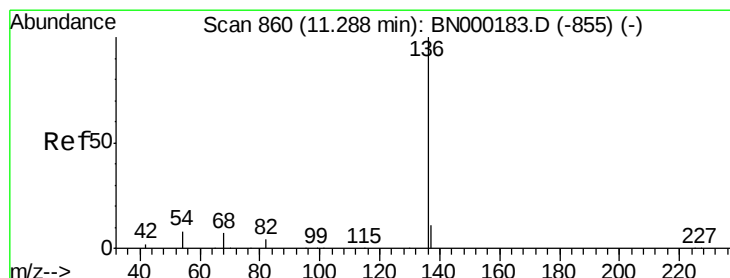
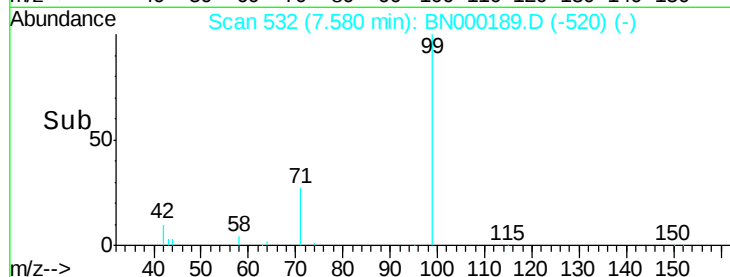
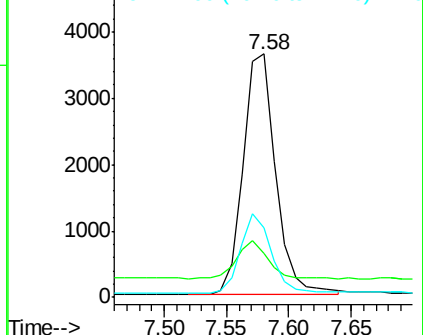
71 31.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000189.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BN000189.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BN000189.D (-520) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Tgt Ion: 136 Resp: 21453

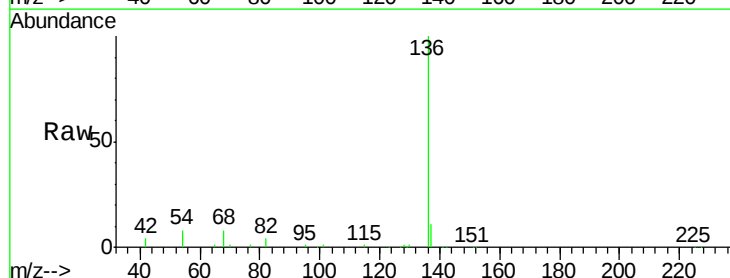
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.2 29.1 43.7#

68 7.8 6.2 9.2

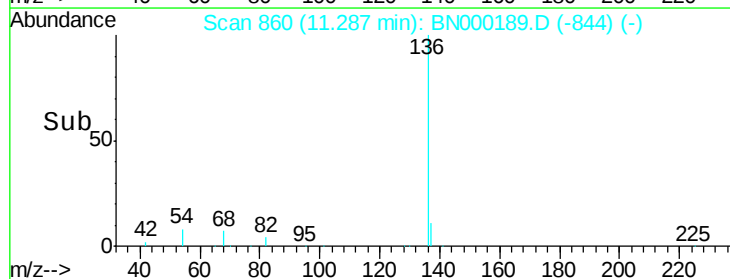
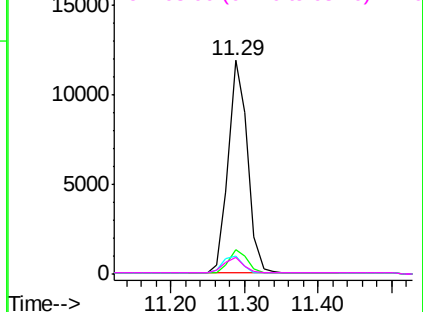


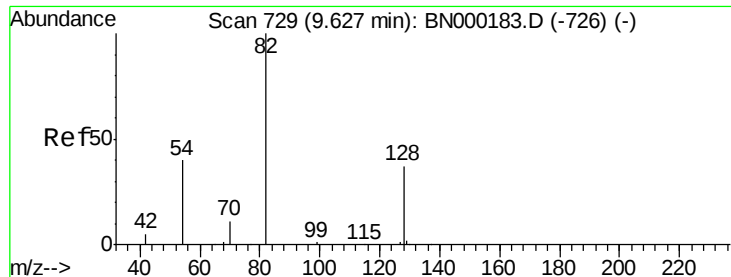
Abundance Ion 136.00 (135.70 to 136.70): BN000189.D (-844) (-)

Ion 137.00 (136.70 to 137.70): BN000189.D (-844) (-)

Ion 54.00 (53.70 to 54.70): BN000189.D (-844) (-)

Ion 68.00 (67.70 to 68.70): BN000189.D (-844) (-)





#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

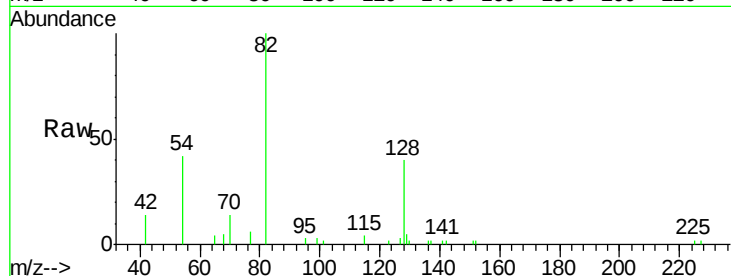
Tgt Ion: 82 Resp: 4278

Ion Ratio Lower Upper

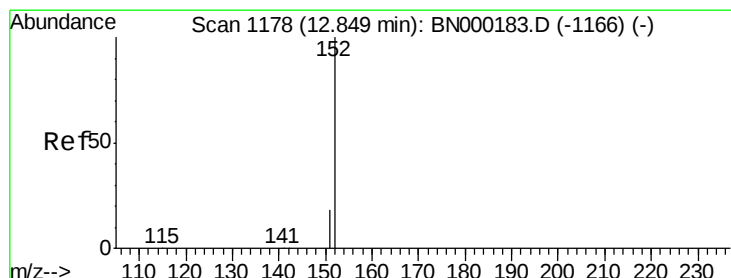
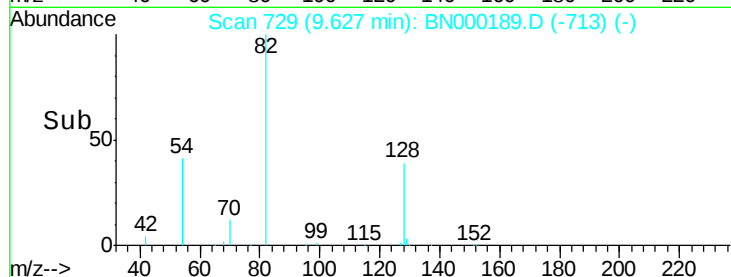
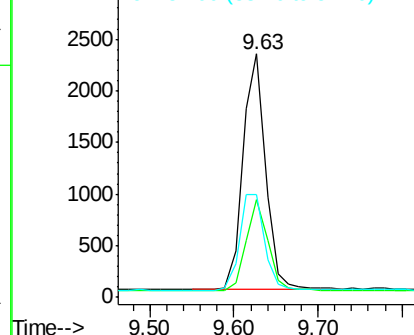
82 100

128 40.2 150.0 225.0#

54 42.4 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000189.D

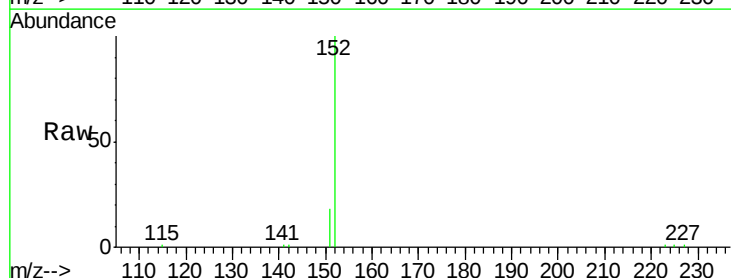
Acq: 27 Feb 2018 14:05

Tgt Ion: 152 Resp: 11580

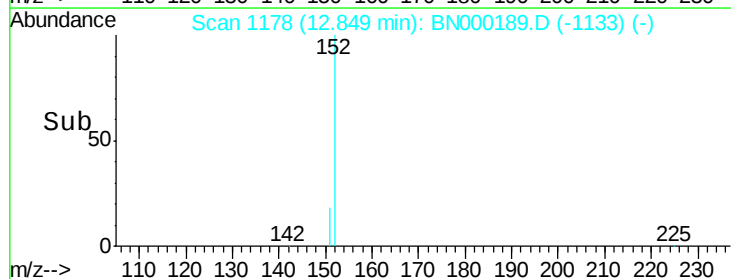
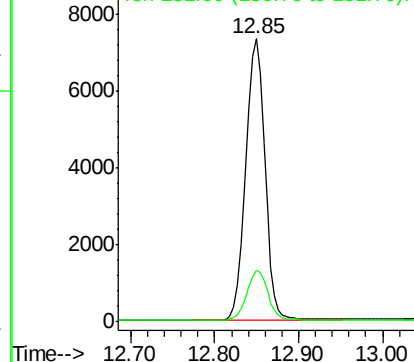
Ion Ratio Lower Upper

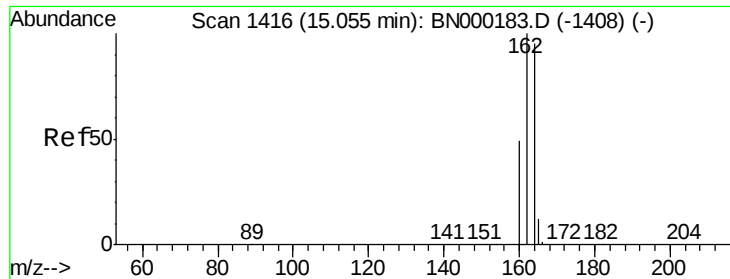
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): B
Ion 151.00 (150.70 to 151.70): B





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

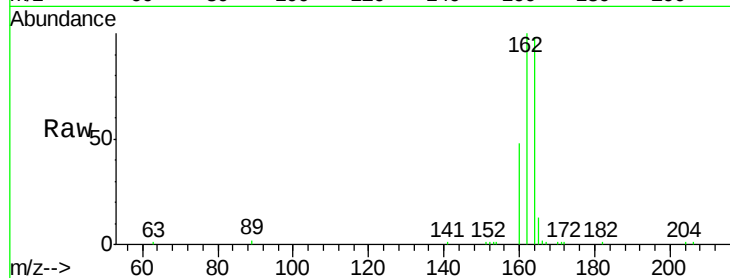
Tgt Ion:164 Resp: 10788

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

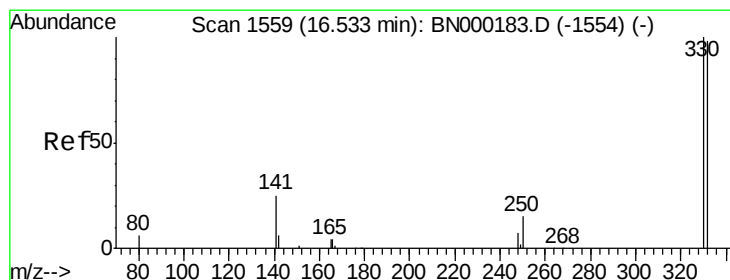
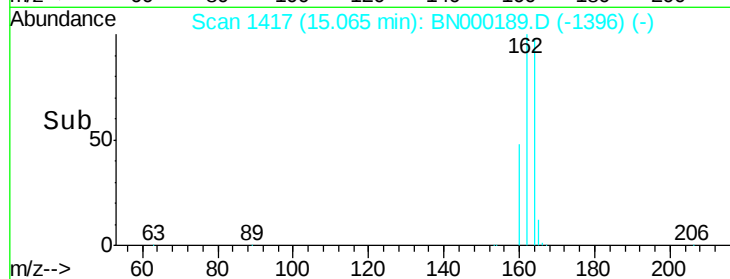
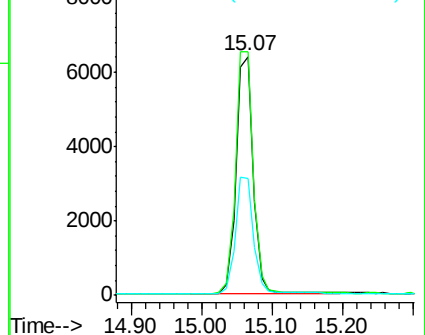
160 49.2 37.1 55.7



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: 0.311 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

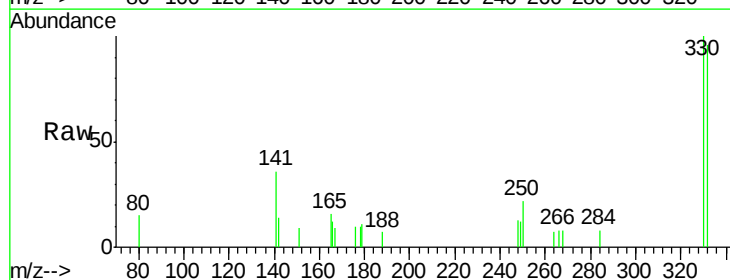
Tgt Ion:330 Resp: 1064

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

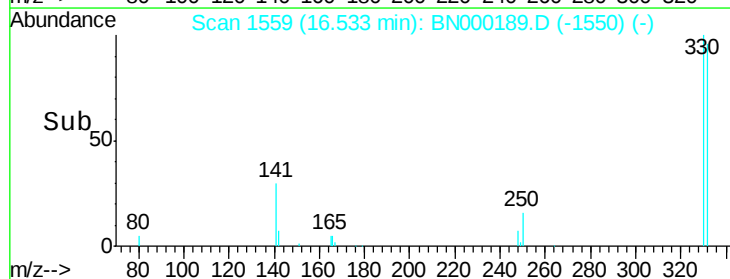
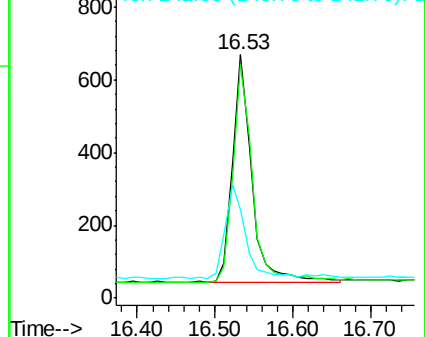
141 42.9 33.7 50.5

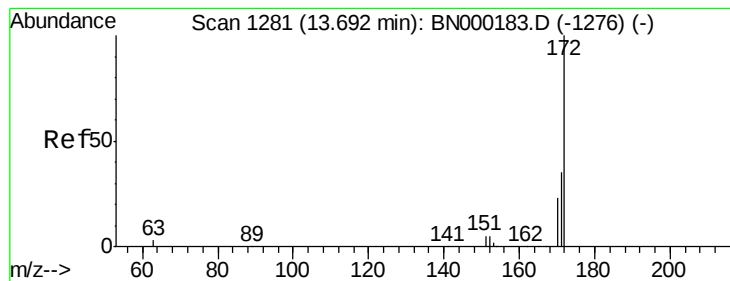


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.350 ng

RT: 13.69 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

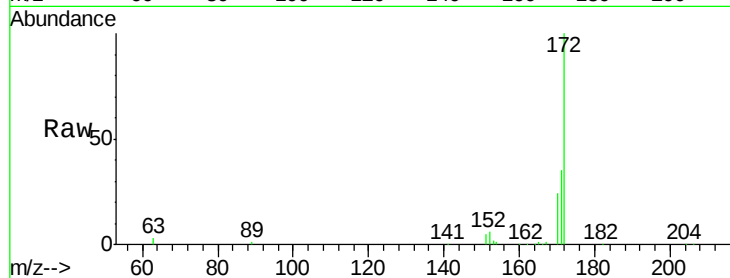
Tgt Ion:172 Resp: 17883

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

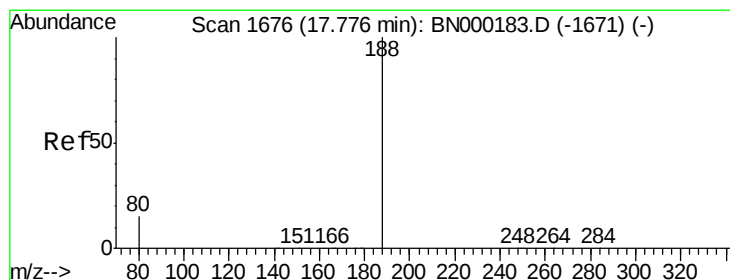
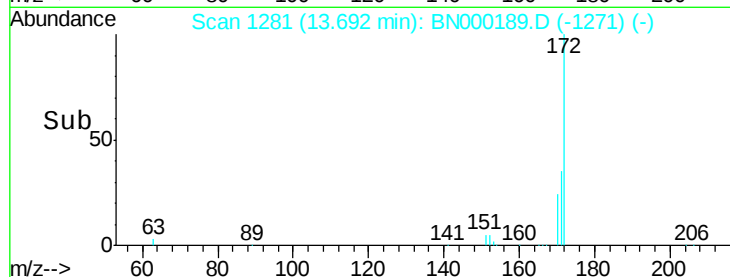
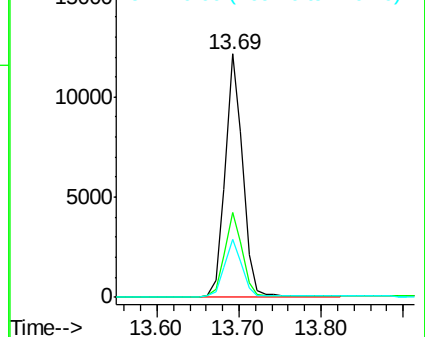
170 23.9 21.8 32.8



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: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

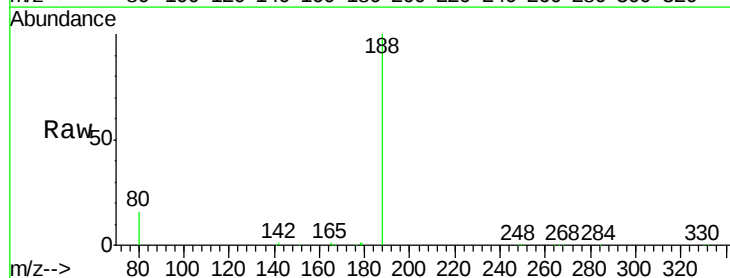
Tgt Ion:188 Resp: 27176

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

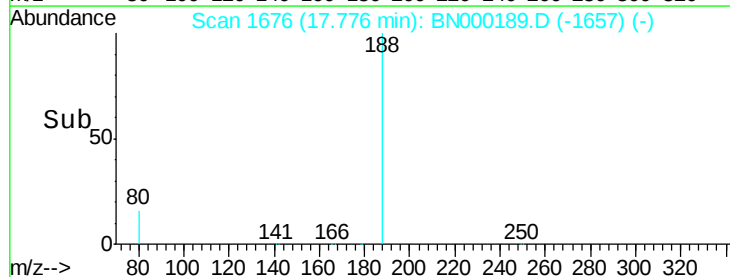
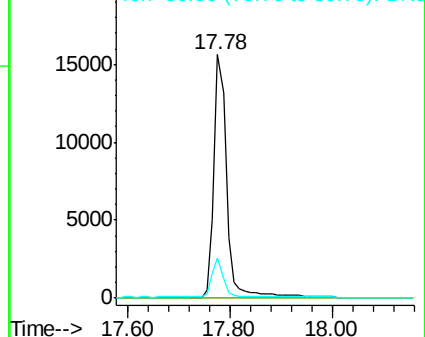
80 16.4 3.6 5.4#

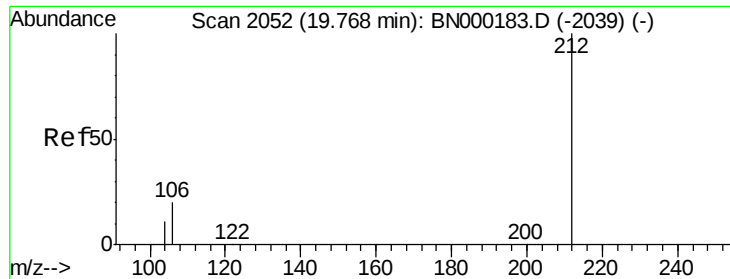


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

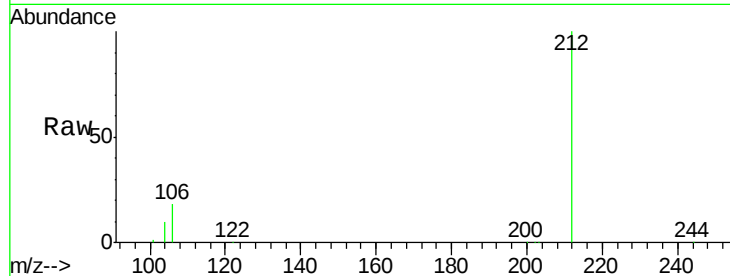
Tgt Ion:212 Resp: 24497

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

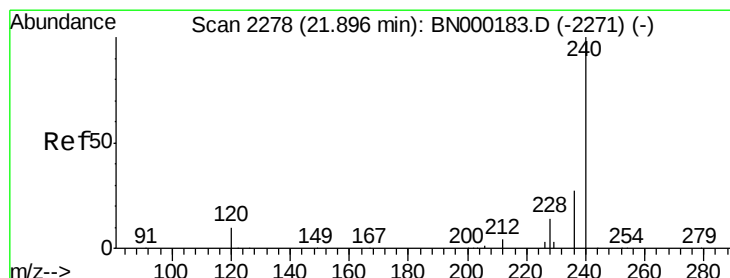
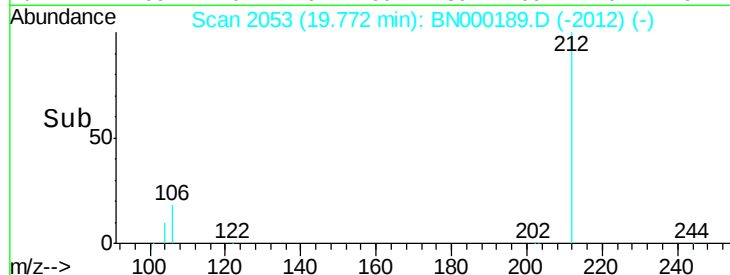
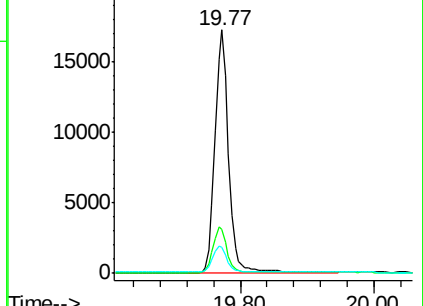
104 10.7 1.6 2.4#



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: 21.90 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

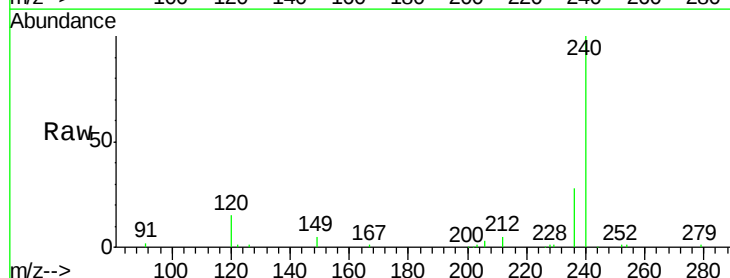
Tgt Ion:240 Resp: 19406

Ion Ratio Lower Upper

240 100

120 15.0 5.5 8.3#

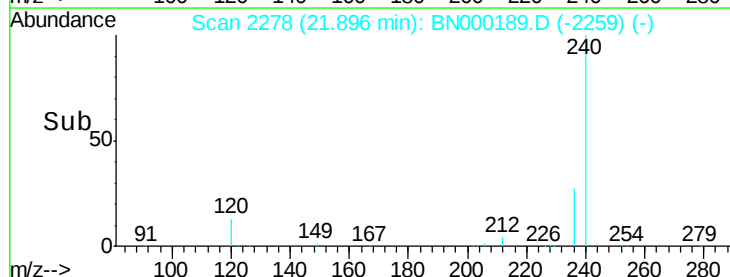
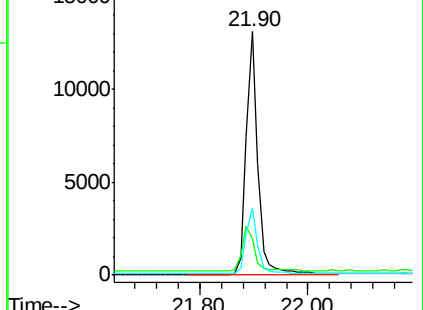
236 27.5 20.7 31.1

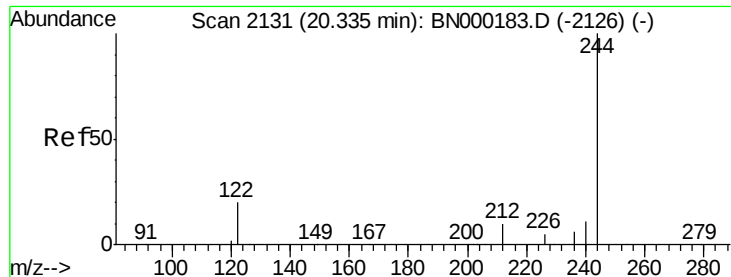


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL

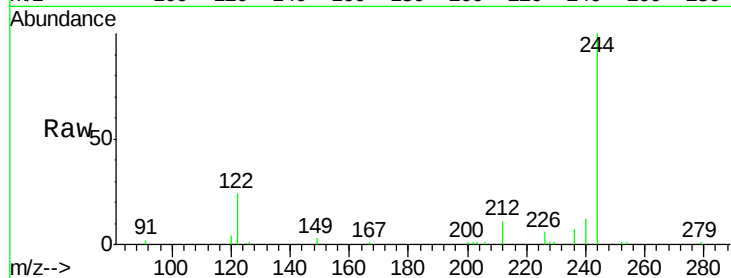
Tgt Ion:244 Resp: 13753

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

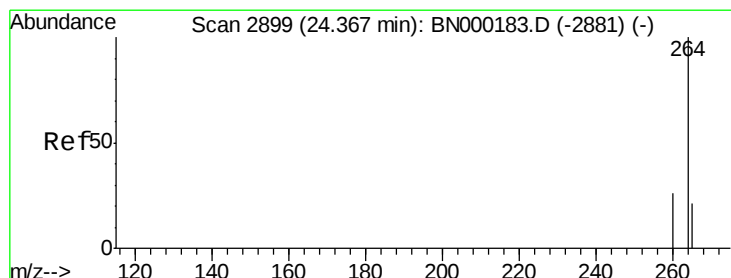
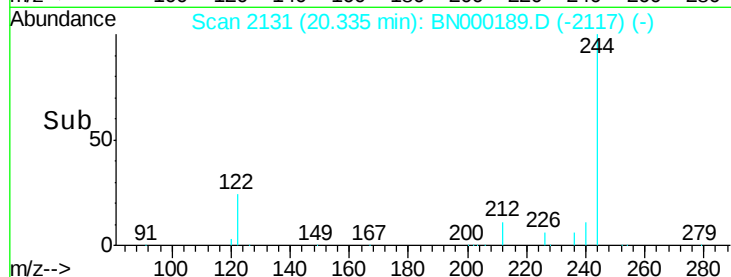
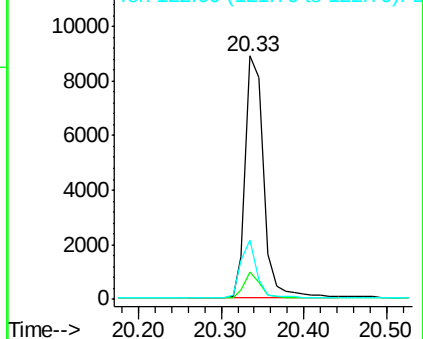
122 24.5 8.1 12.1#



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: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000189.D

Acq: 27 Feb 2018 14:05

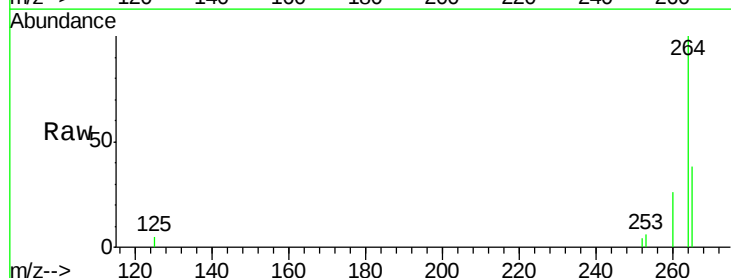
Tgt Ion:264 Resp: 15022

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 37.6 22.8 34.2#



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

