

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011085.D
 Acq On : 02 Jul 2020 14:43
 Operator : CG/JU
 Sample : PB129884BL
 Misc : MDL-SOIL-PBBL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

Quant Time: Jul 02 15:51:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2651	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8297	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	4982	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	9157	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8030	0.40	ng	0.00
36) Perylene-d12	23.25	264	7987	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2113	0.32	ng	0.00
5) Phenol-d6	6.73	99	2138	0.28	ng	0.00
8) Nitrobenzene-d5	8.66	82	2457	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	3762	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	511	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	6866	0.29	ng	0.00
27) Fluoranthene-d10	18.94	212	7655	0.28	ng	0.00
31) Terphenyl-d14	19.55	244	8700	0.42	ng	0.00

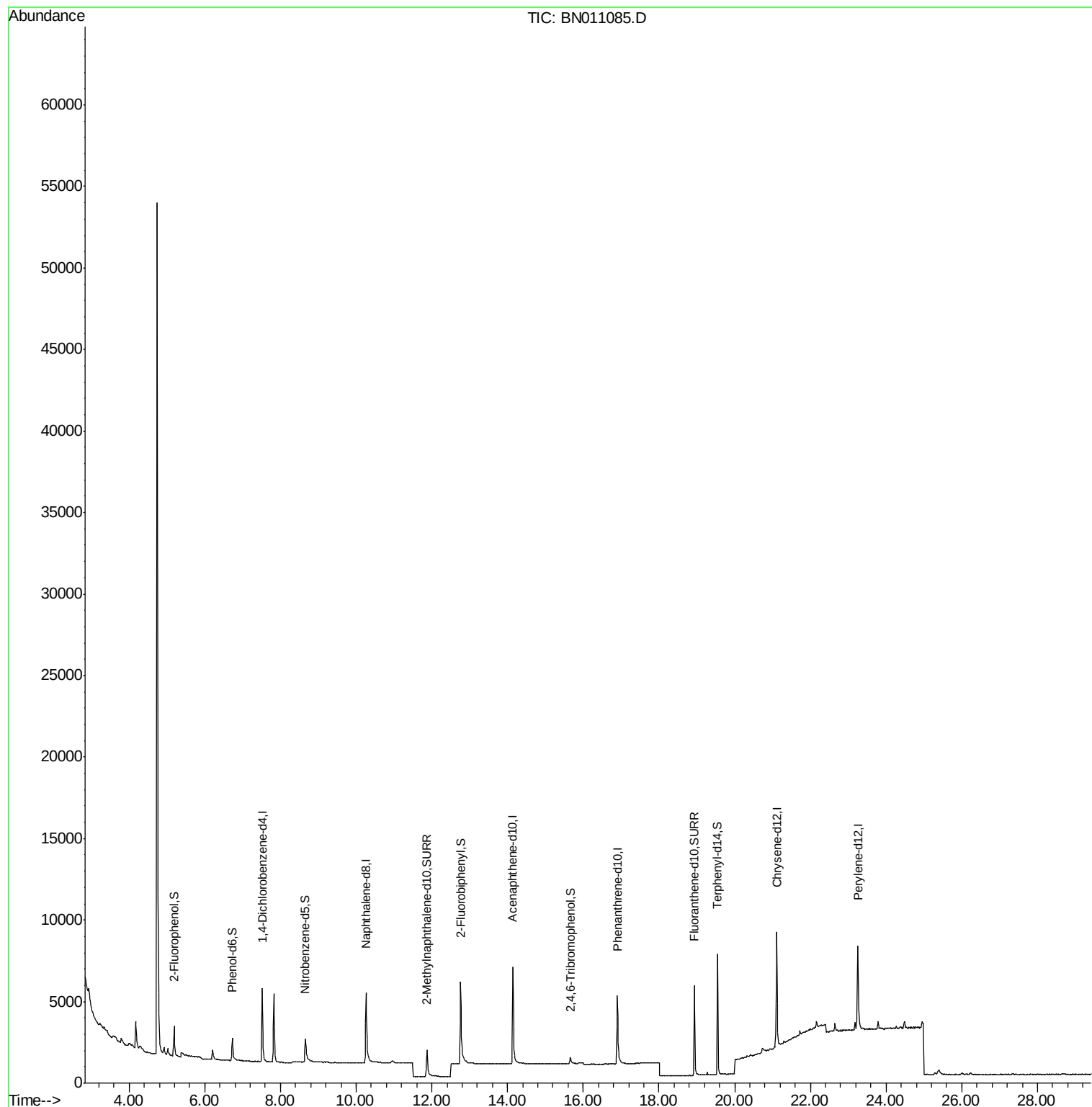
Target Compounds	Qvalue
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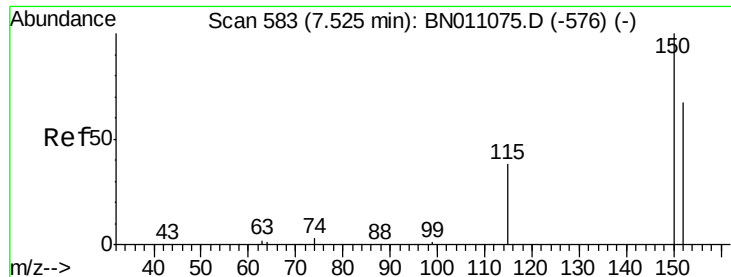
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 15:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
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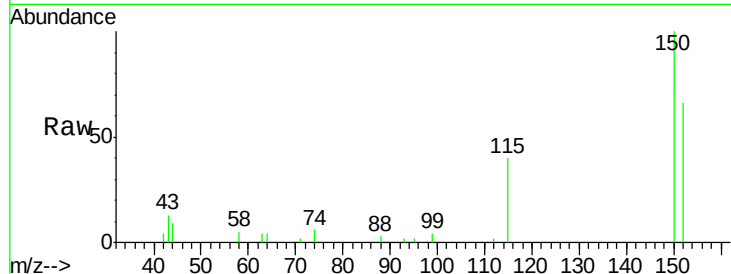


#1

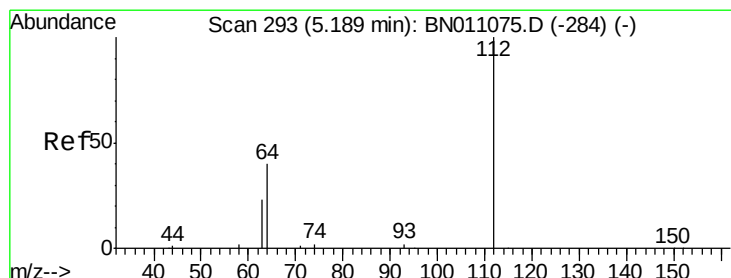
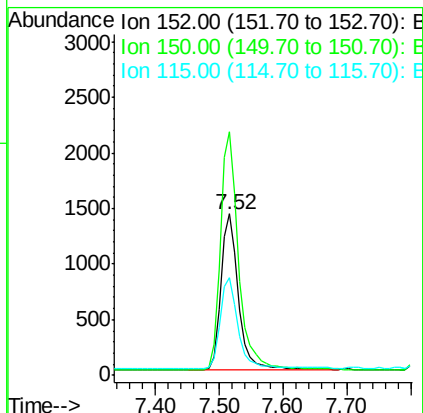
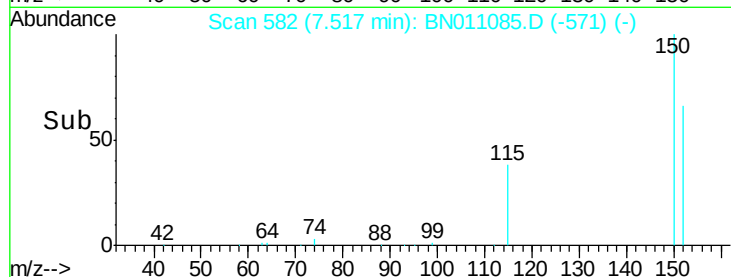
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011085.D
Acq: 02 Jul 2020 14:43

Instrument :
BNA_N
ClientSampleId :
PB129884BL

Tot Ion:152 Resp: 2651
Ion Ratio Lower Upper
152 100
150 150.7 117.4 176.0
115 60.2 47.9 71.9



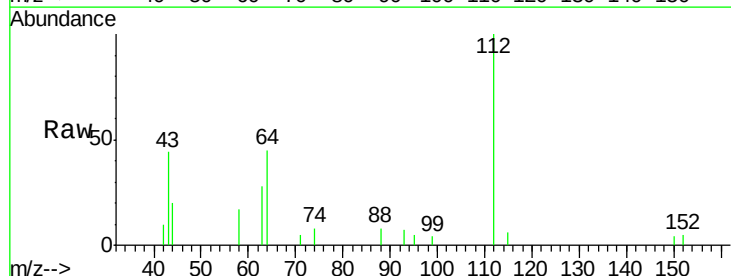
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



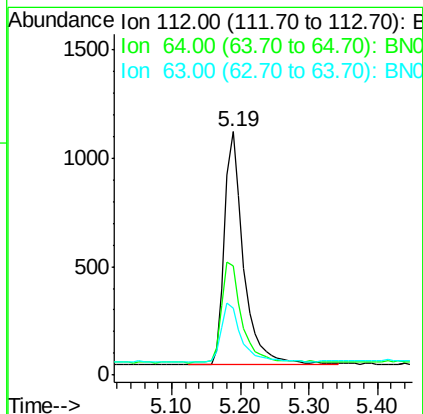
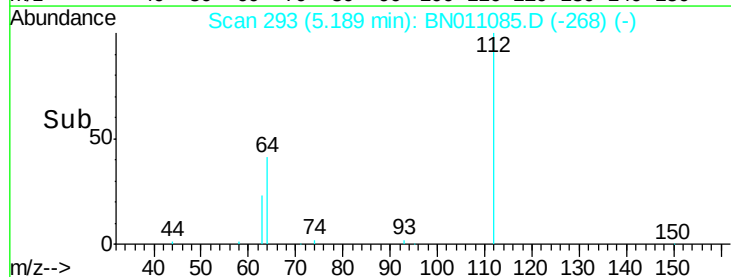
#4

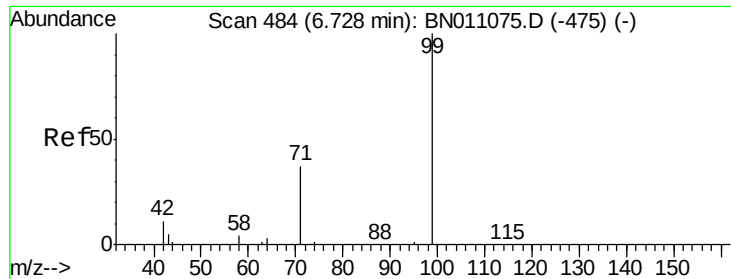
2-Fluorophenol
Concen: 0.320 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN011085.D
Acq: 02 Jul 2020 14:43

Tgt Ion:112 Resp: 2113
Ion Ratio Lower Upper
112 100
64 46.2 36.5 54.7
63 26.4 20.6 30.8



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: 0.282 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB129884BL

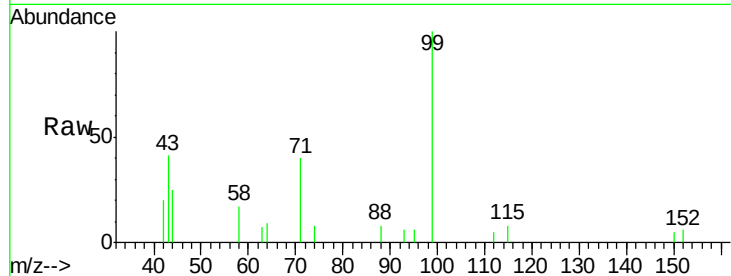
Tot Ion: 99 Resp: 2138

Ion Ratio Lower Upper

99 100

42 12.6 9.8 14.8

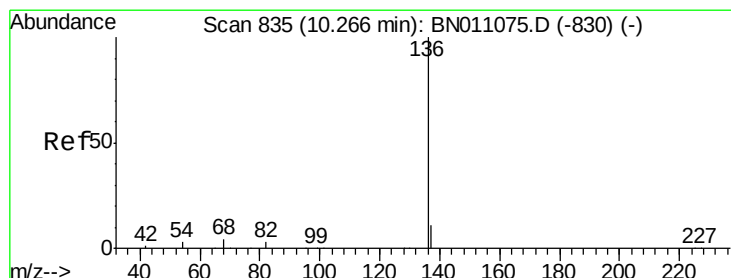
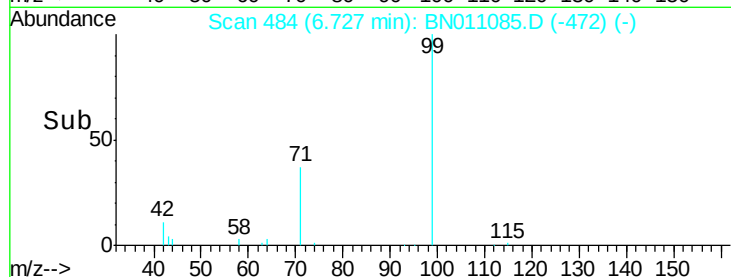
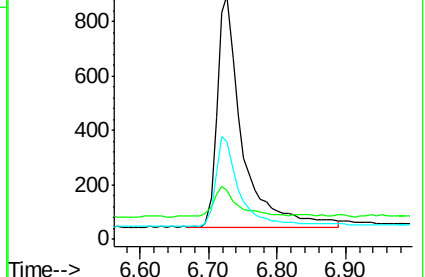
71 37.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Tgt Ion: 136 Resp: 8297

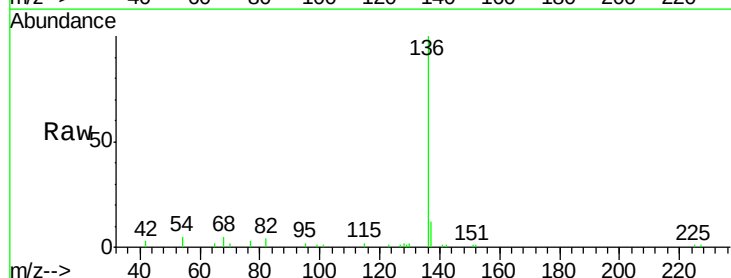
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.1 3.8 5.6

68 5.2 4.3 6.5

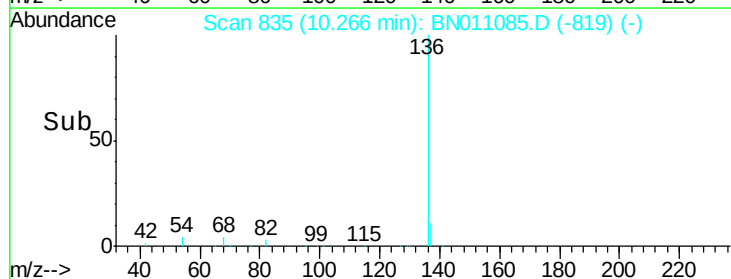
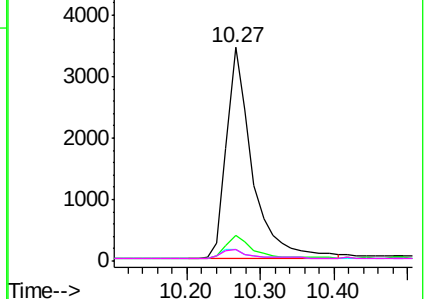


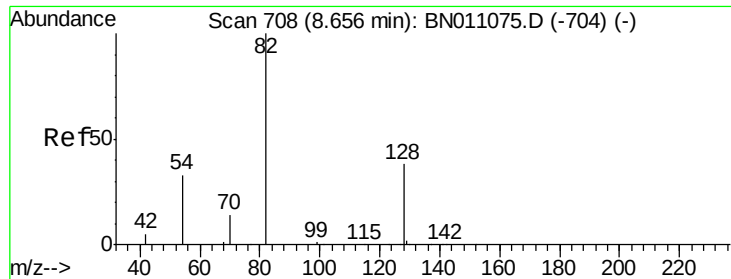
Abundance Ion 136.00 (135.70 to 136.70): BN011075.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN011075.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN011075.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN011075.D (-830) (-)

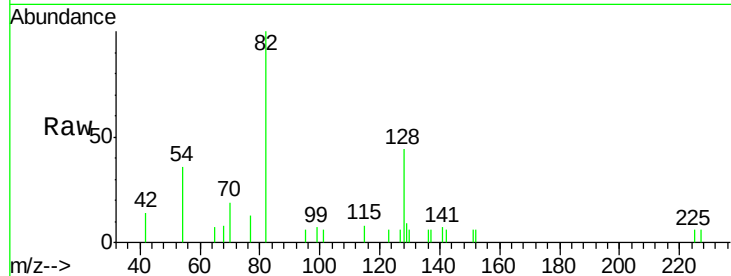




#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 8.66 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BN011085.D
 Acq: 02 Jul 2020 14:43

Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

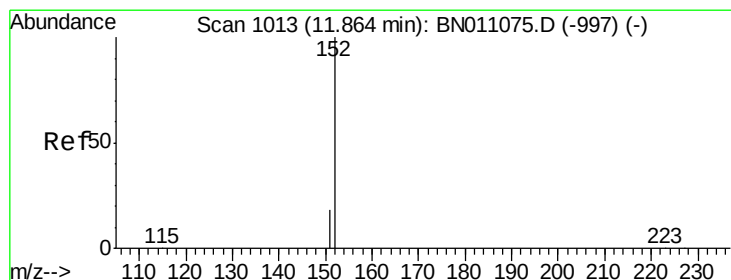
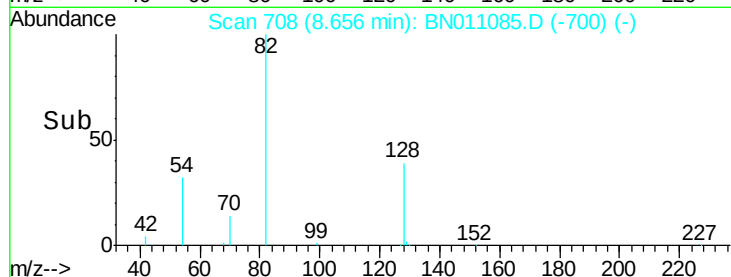
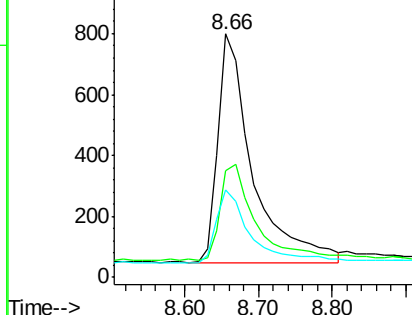
Tot Ion	82	Resp	2457
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.2	51.2
54	36.2	29.4	44.0



Abundance Ion 82.00 (81.70 to 82.70): BN011075.D (-704) (-)

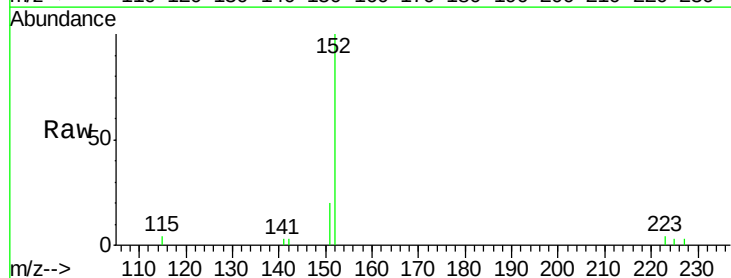
Ion 128.00 (127.70 to 128.70): BN011075.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011075.D (-704) (-)



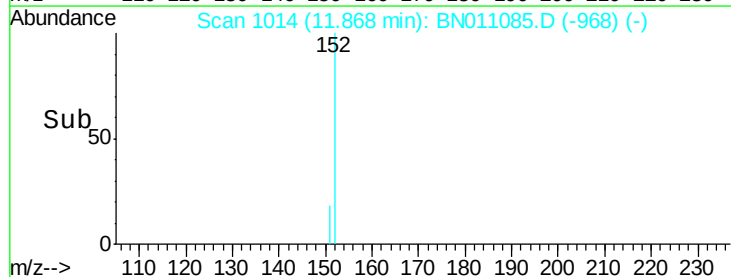
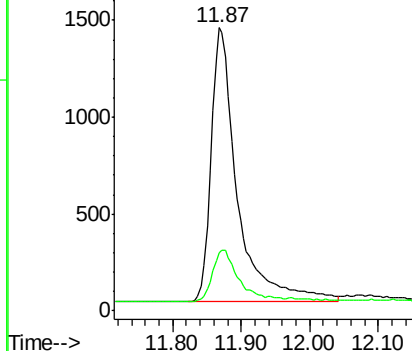
#11
 2-Methylnaphthalene-d10
 Concen: 0.262 ng
 RT: 11.87 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BN011085.D
 Acq: 02 Jul 2020 14:43

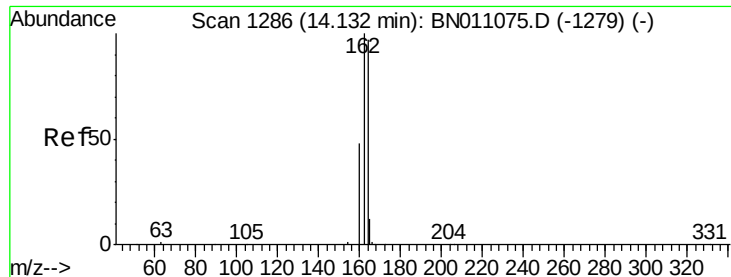
Tgt Ion	152	Resp	3762
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.6	24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011075.D (-997) (-)

Ion 151.00 (150.70 to 151.70): BN011075.D (-997) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB129884BL

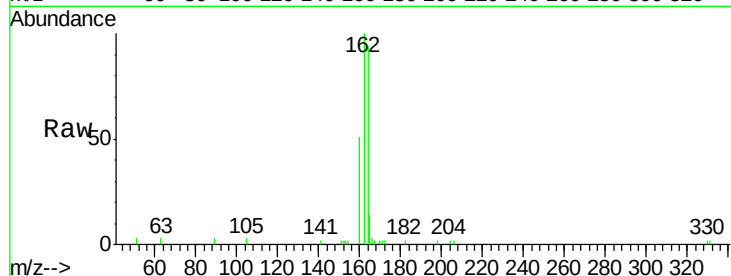
Tot Ion:164 Resp: 4982

Ion Ratio Lower Upper

164 100

162 106.1 82.3 123.5

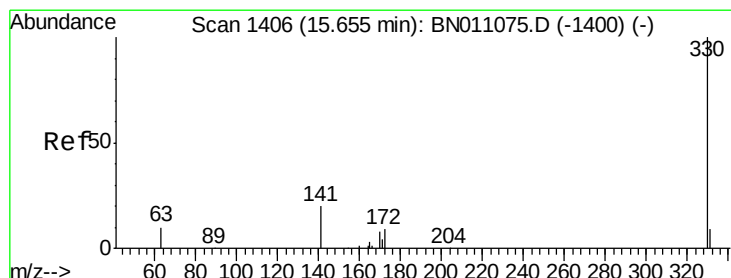
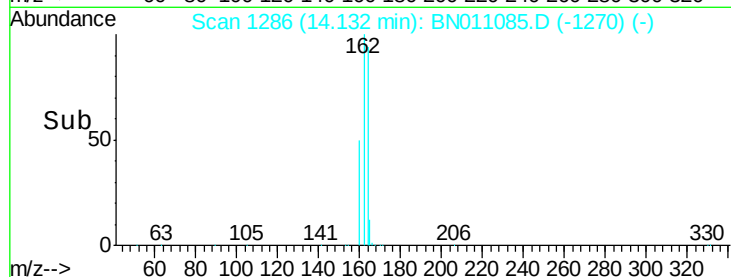
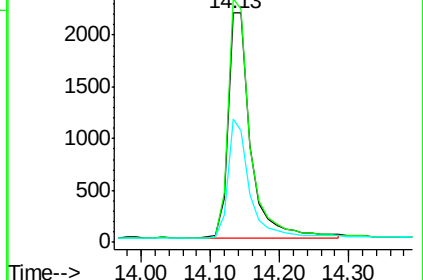
160 53.7 40.6 61.0



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: 0.244 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

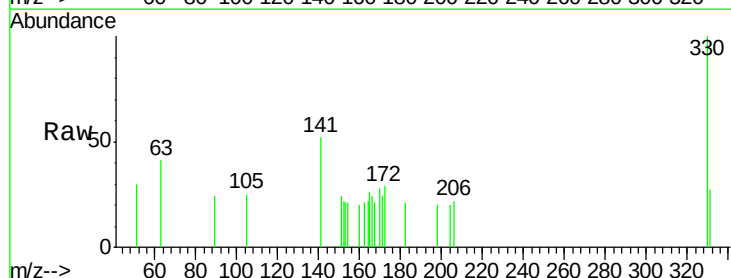
Tgt Ion:330 Resp: 511

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

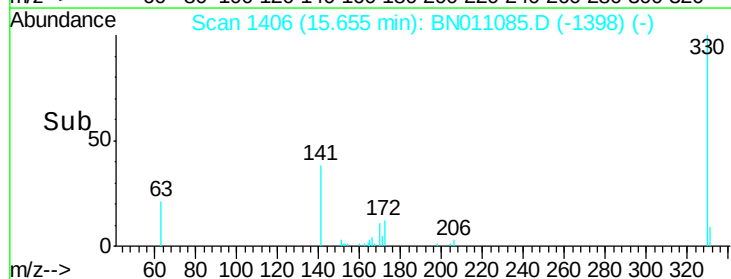
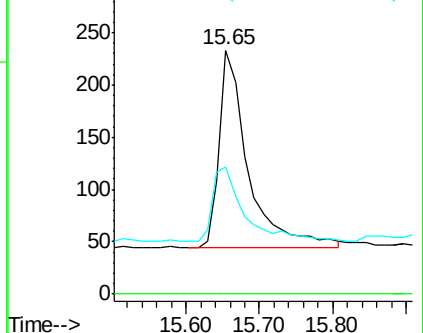
141 42.7 32.6 49.0

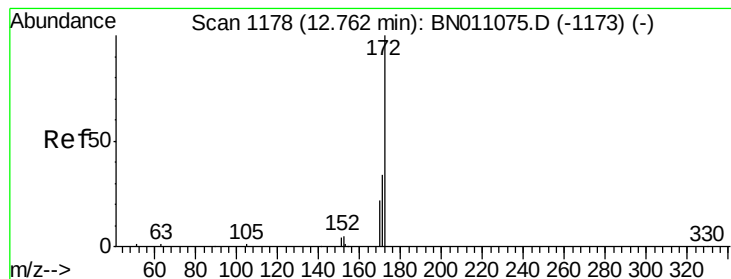


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.293 ng

RT: 12.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Instrument :

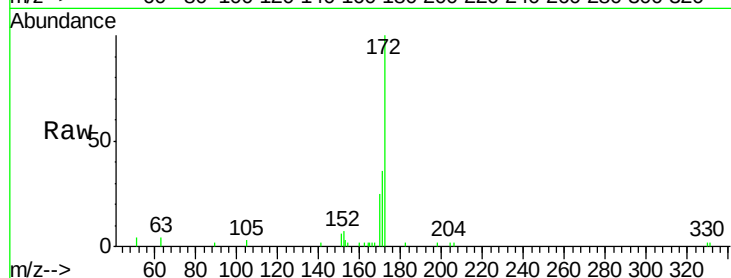
BNA_N

ClientSampleId :

PB129884BL

Tot Ion:172 Resp: 6866

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.6	18.7	28.1

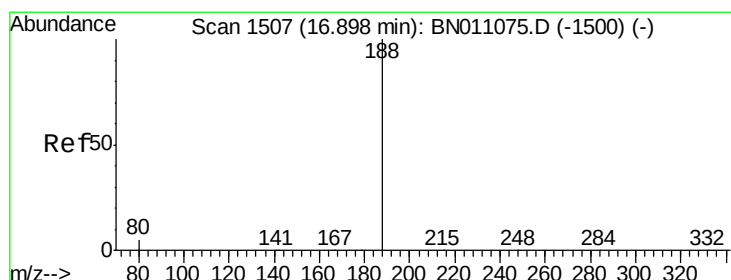
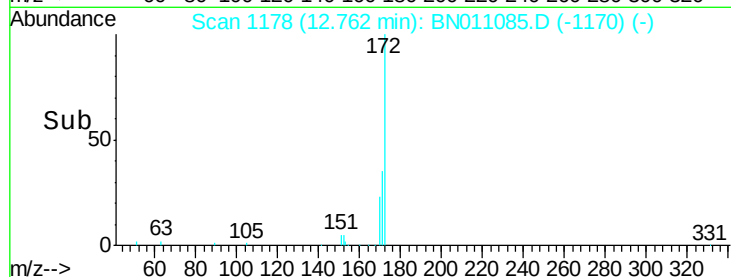
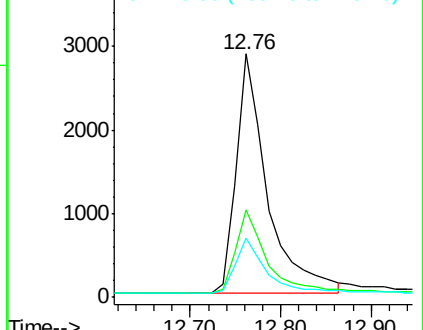


Abundance

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: 16.90 min Scan# 1507

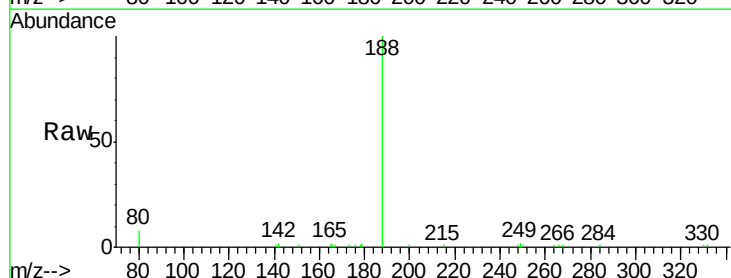
Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Tgt Ion:188 Resp: 9157

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	5.3	7.9

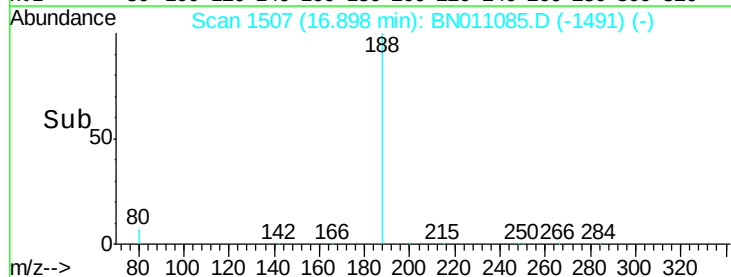
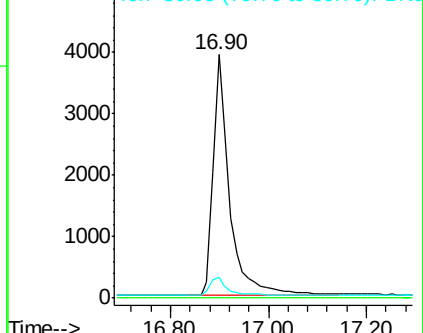


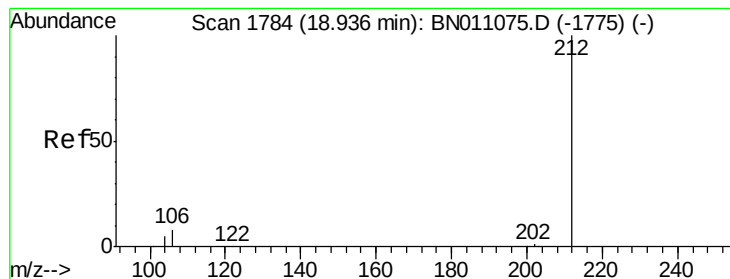
Abundance

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





#27

Fluoranthene-d10

Concen: 0.276 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB129884BL

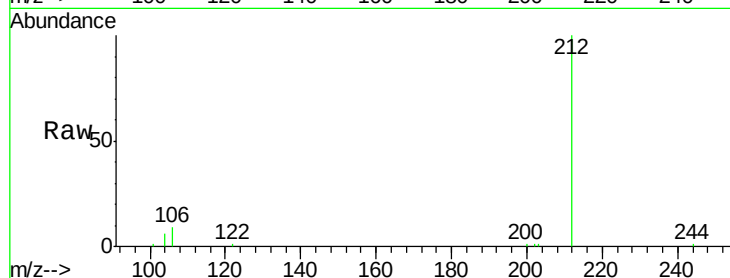
Tot Ion:212 Resp: 7655

Ion Ratio Lower Upper

212 100

106 8.7 7.1 10.7

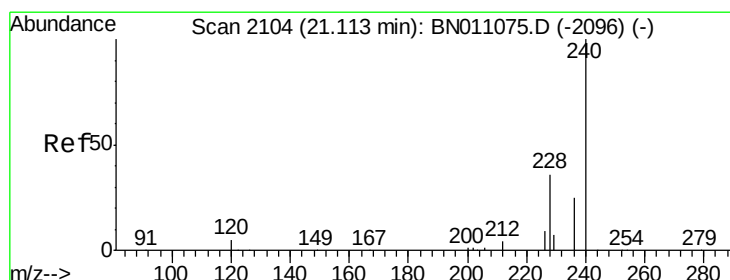
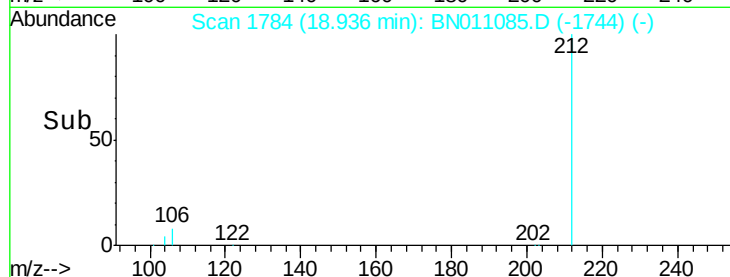
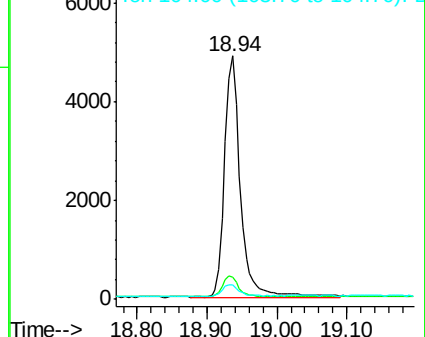
104 5.0 4.2 6.4



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

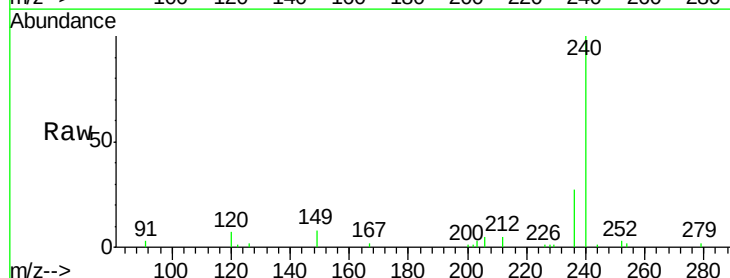
Tgt Ion:240 Resp: 8030

Ion Ratio Lower Upper

240 100

120 7.1 6.5 9.7

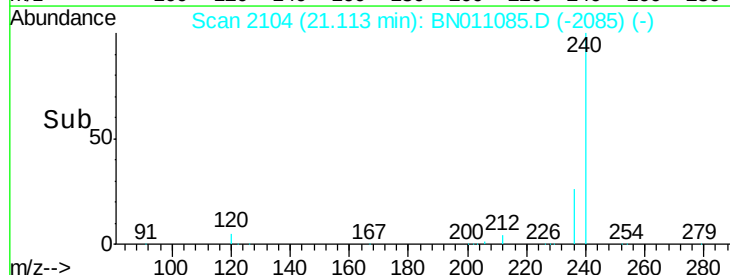
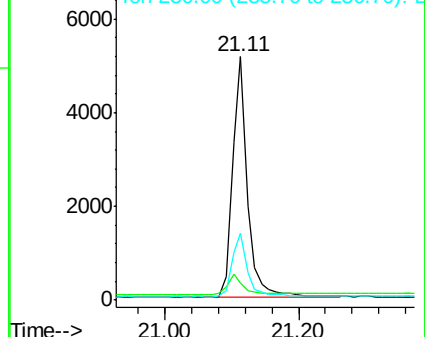
236 27.3 21.9 32.9

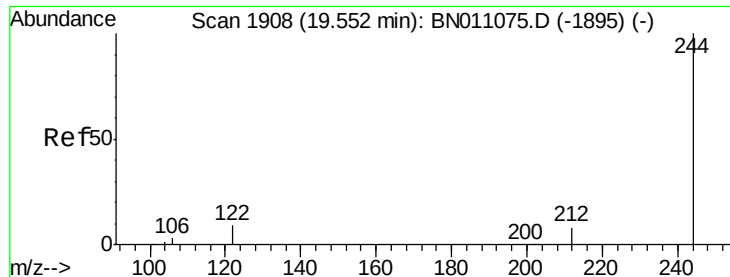


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.416 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

Instrument :

BNA_N

ClientSampleId :

PB129884BL

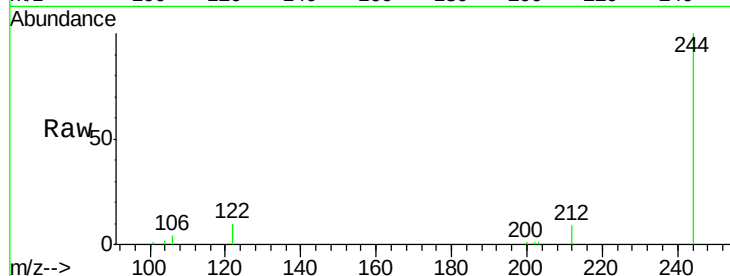
Tot Ion:244 Resp: 8700

Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

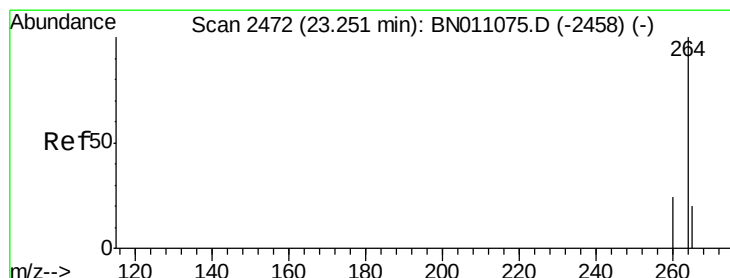
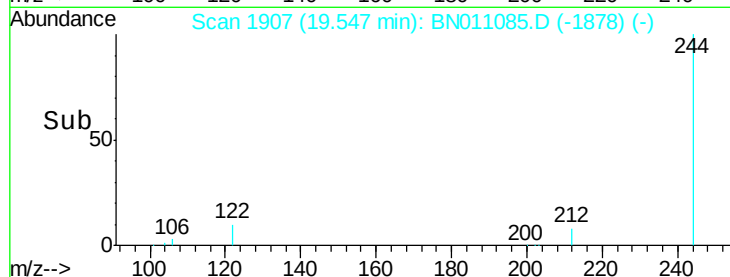
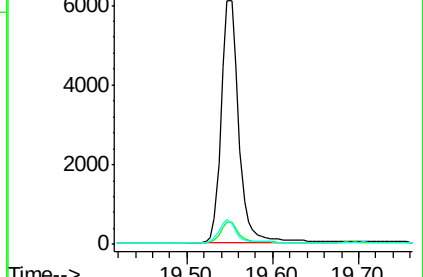
122 10.3 8.2 12.4



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BN011085.D

Acq: 02 Jul 2020 14:43

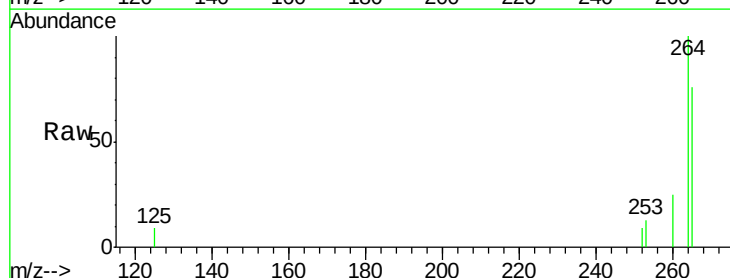
Tgt Ion:264 Resp: 7987

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 76.3 83.0 124.6#



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

