

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011093.D
 Acq On : 02 Jul 2020 19:30
 Operator : CG/JU
 Sample : PB129885BL
 Misc : MDL-WTR-PBBL-03
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Quant Time: Jul 02 20:34:33 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

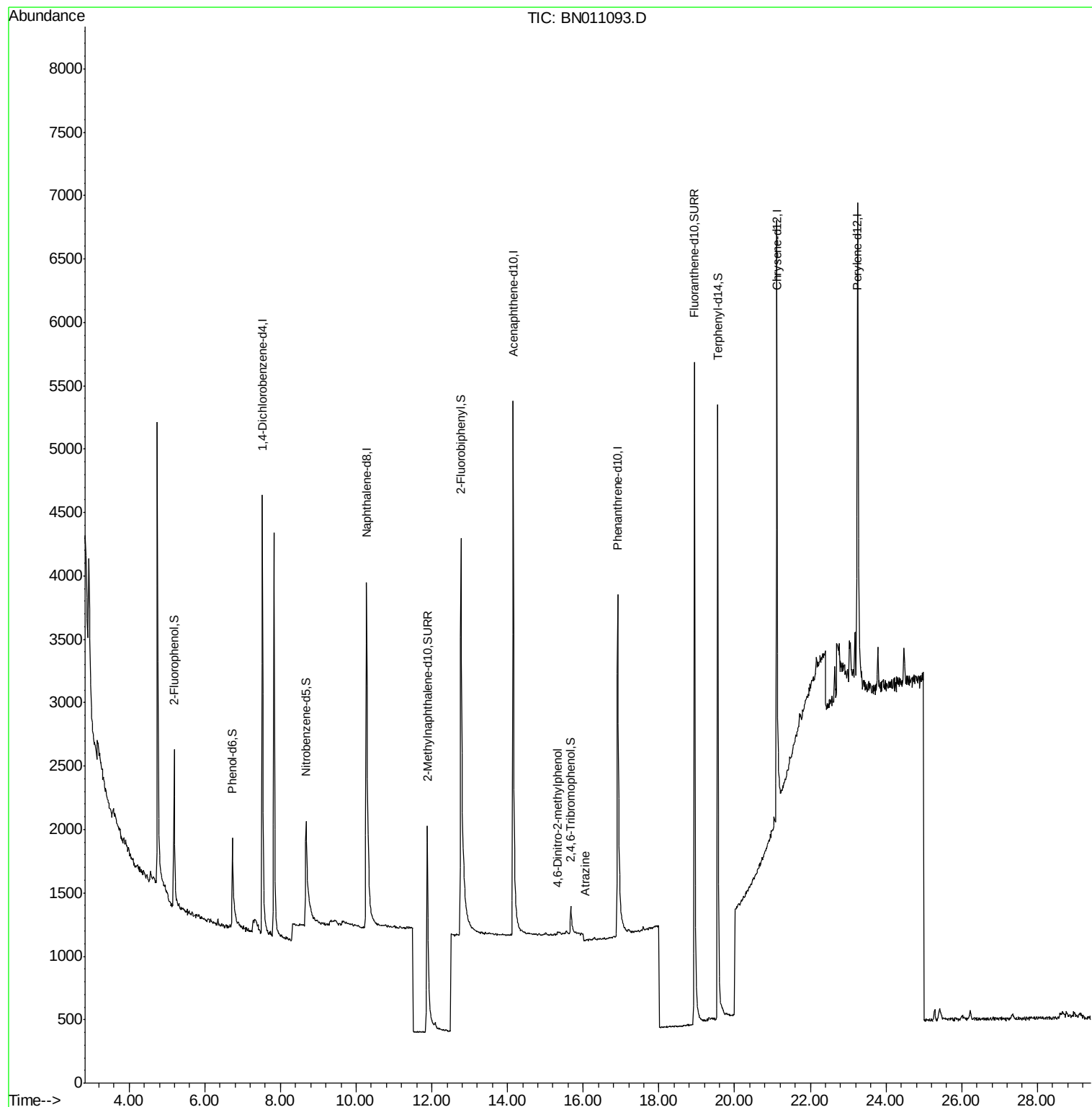
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2194	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6708	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	3608	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	7328	0.40	ng	0.01
29) Chrysene-d12	21.11	240	6228	0.40	ng	0.00
36) Perylene-d12	23.25	264	6526	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1485	0.27	ng	0.00
5) Phenol-d6	6.74	99	1422	0.23	ng	0.00
8) Nitrobenzene-d5	8.68	82	1724	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	4282	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.67	330	339	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	5495	0.32	ng	0.01
27) Fluoranthene-d10	18.94	212	8878	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	6677	0.41	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.31	198	1	0.091	ng	# 27
23) Atrazine	16.06	200	233	0.068	ng	# 8

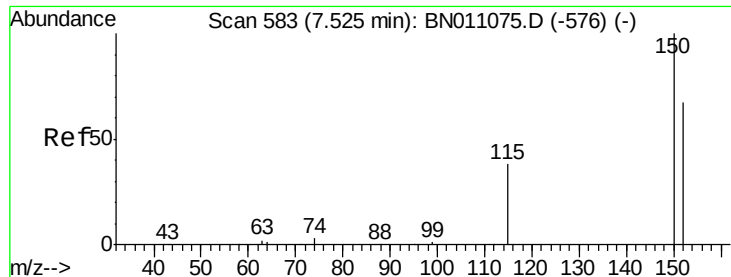
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 20:34:33 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 14:12:13 2020
Response via : Initial Calibration



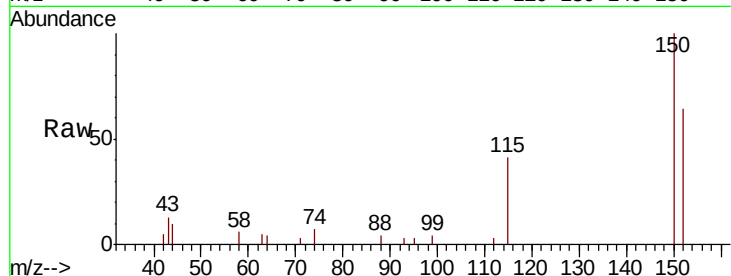


#1

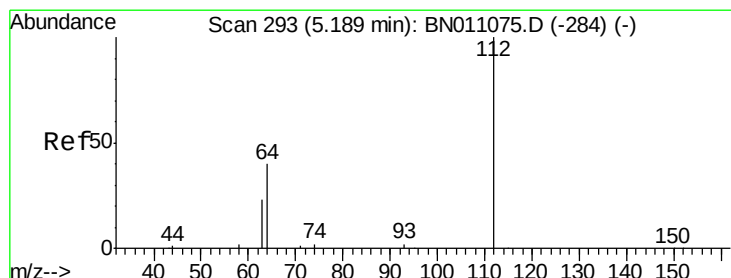
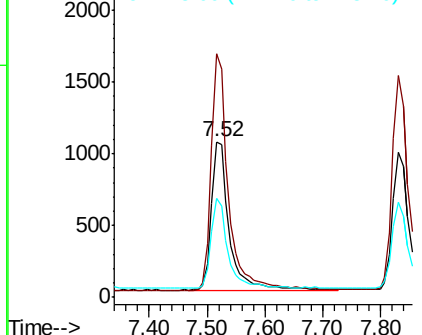
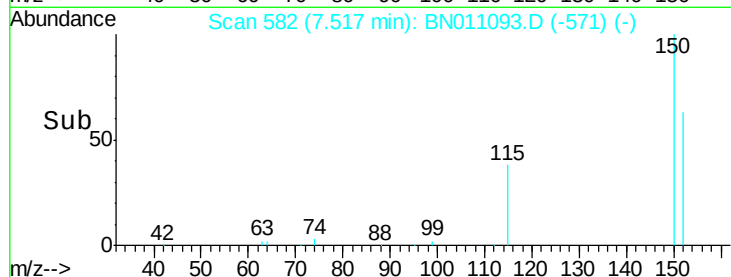
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.52 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Tot Ion:152 Resp: 2194
 Ion Ratio Lower Upper
 152 100
 150 156.1 117.4 176.0
 115 63.8 47.9 71.9



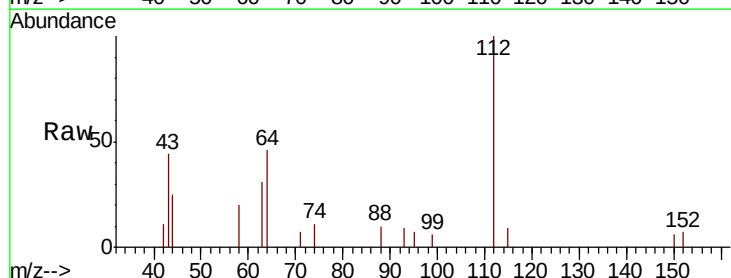
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



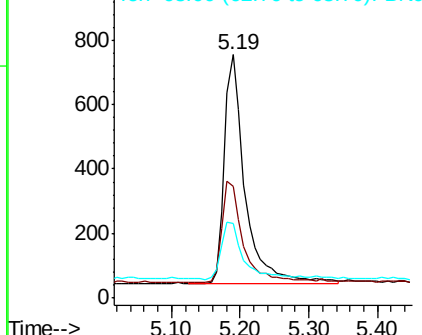
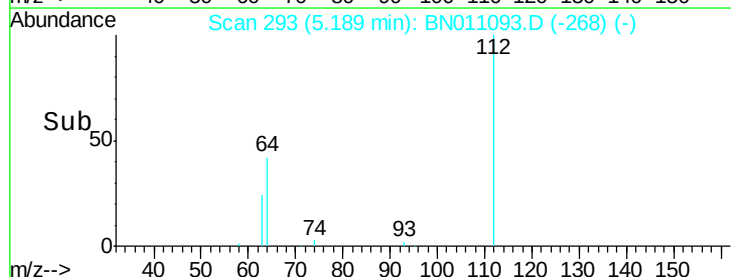
#4

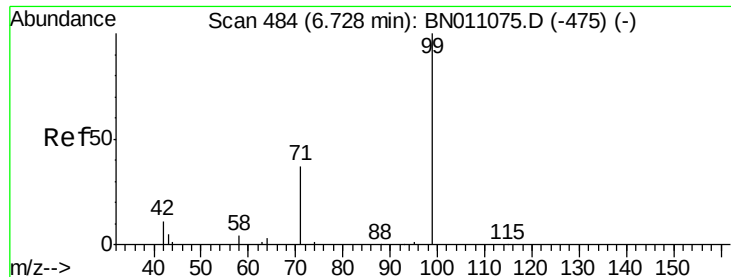
2-Fluorophenol
 Concen: 0.272 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

Tgt Ion:112 Resp: 1485
 Ion Ratio Lower Upper
 112 100
 64 44.9 36.5 54.7
 63 27.3 20.6 30.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNO
 Ion 63.00 (62.70 to 63.70): BNO





#5

Phenol-d6

Concen: 0.227 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

Instrument :

BNA_N

ClientSampleId :

PB129885BL

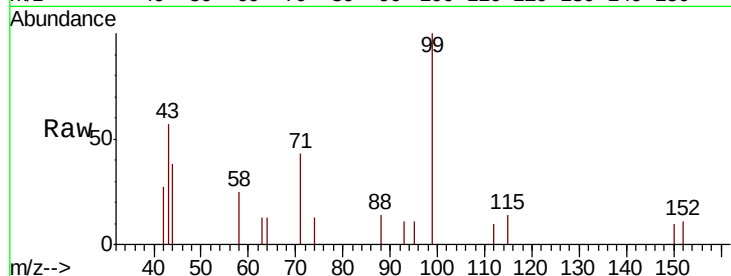
Tot Ion: 99 Resp: 1422

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.8

71 38.0 30.7 46.1



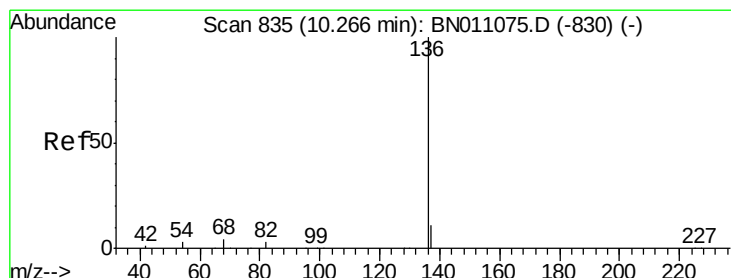
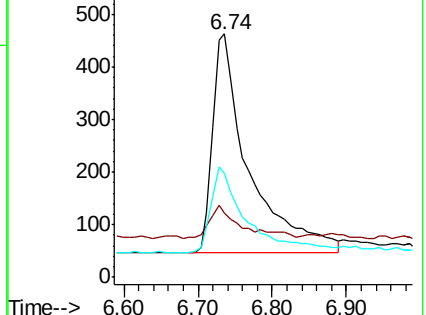
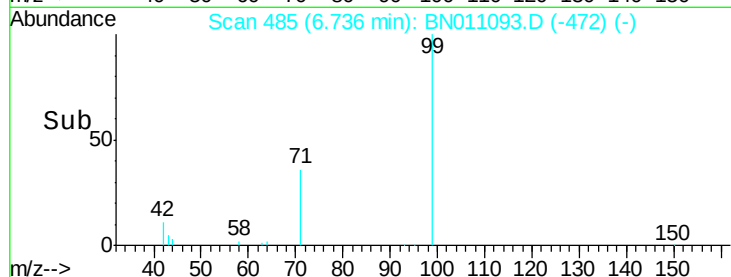
Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

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

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

6.74

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

Tgt Ion: 136 Resp: 6708

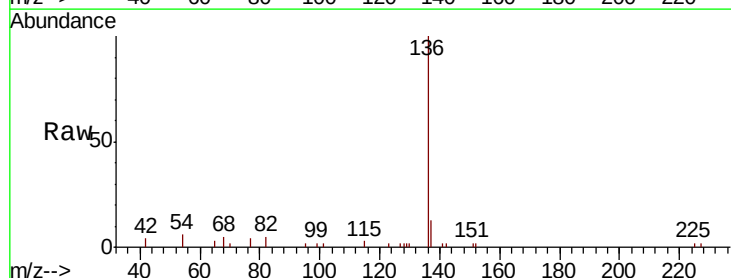
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 5.8 3.8 5.6#

68 5.3 4.3 6.5



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

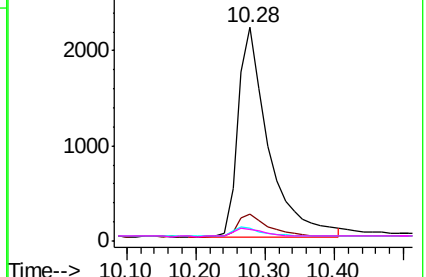
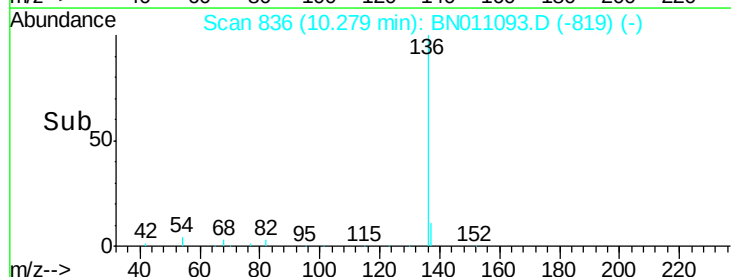
Ion 137.00 (136.70 to 137.70): BN011075.D (-830) (-)

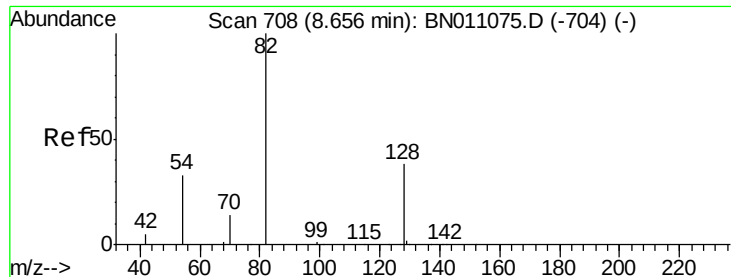
Ion 54.00 (53.70 to 54.70): BN011075.D (-830) (-)

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

10.28

Time-->

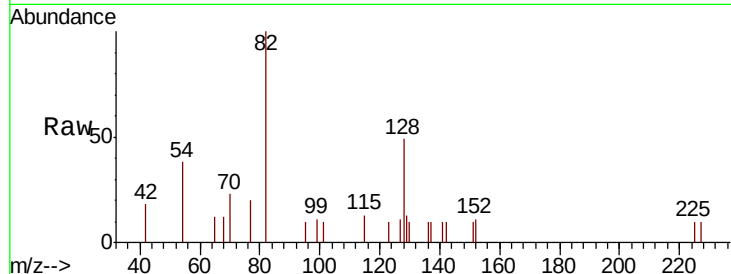




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.03 min
Lab File: BN011093.D
Acq: 02 Jul 2020 19:30

Instrument :
BNA_N
ClientSampleId :
PB129885BL

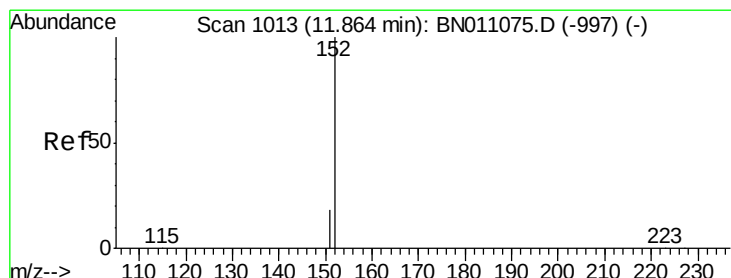
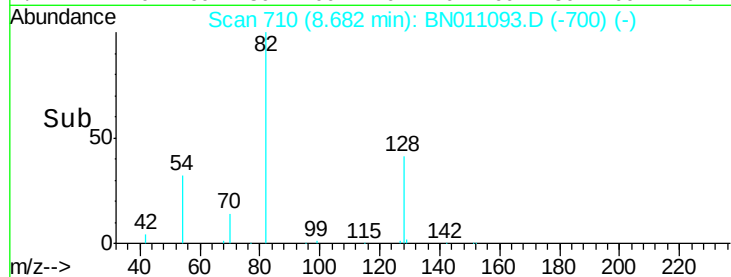
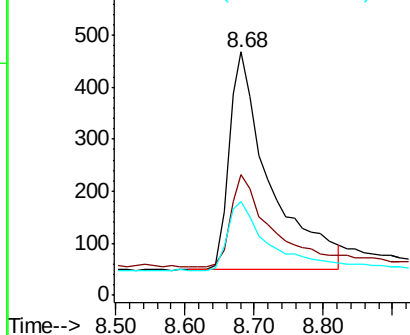
Tot Ion	82.00	Resp	1724
Ion Ratio	Lower	Upper	
82	100		
128	49.4	34.2	51.2
54	38.5	29.4	44.0



Abundance Ion 82.00 (81.70 to 82.70): BN011093.D (-700) (-)

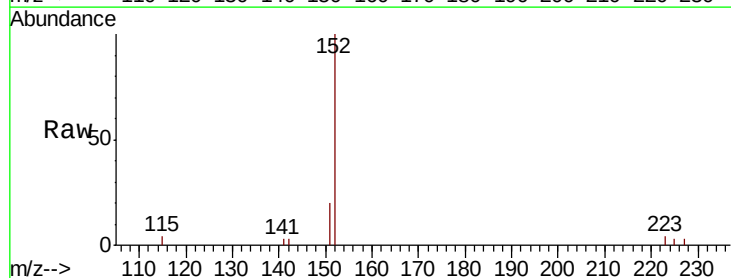
Ion 128.00 (127.70 to 128.70): BN011093.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011093.D (-700) (-)



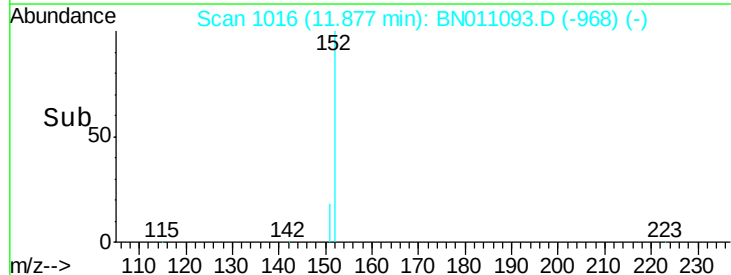
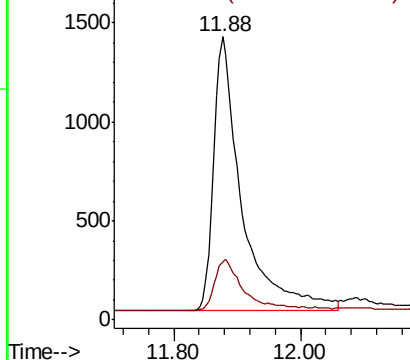
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BN011093.D
Acq: 02 Jul 2020 19:30

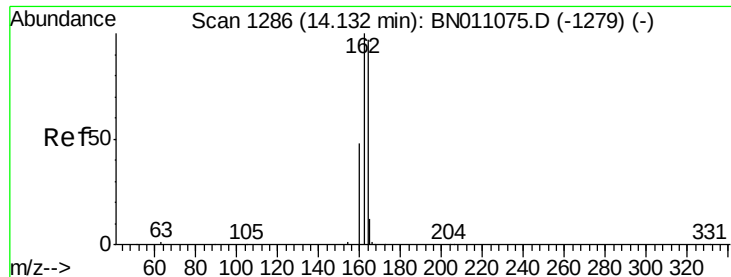
Tgt Ion	152.00	Resp	4282
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.6	24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011093.D (-968) (-)

Ion 151.00 (150.70 to 151.70): BN011093.D (-968) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

Instrument :

BNA_N

ClientSampleId :

PB129885BL

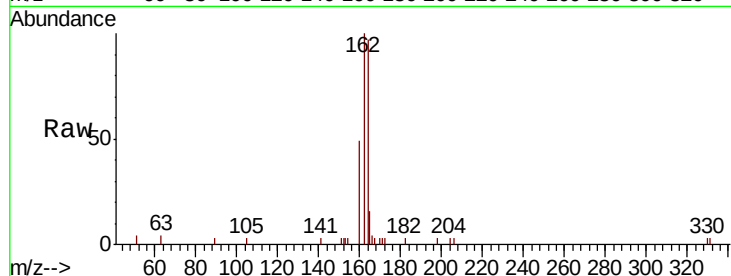
Tot Ion:164 Resp: 3608

Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

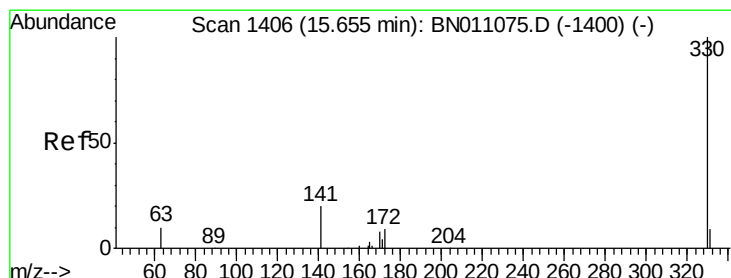
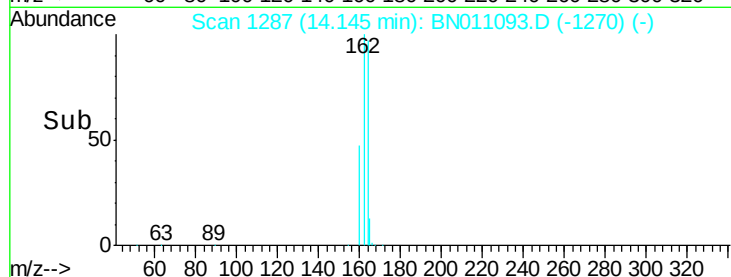
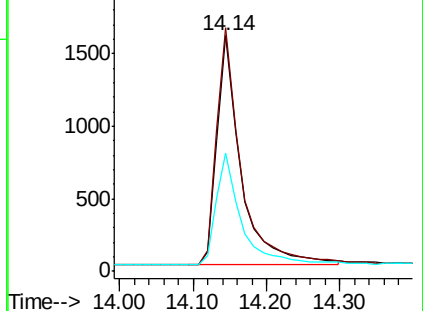
160 50.2 40.6 61.0



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: 0.224 ng

RT: 15.67 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

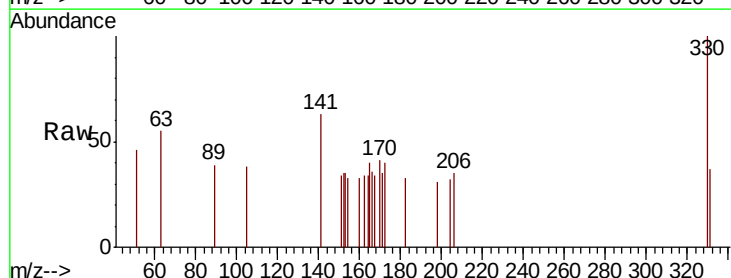
Tgt Ion:330 Resp: 339

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

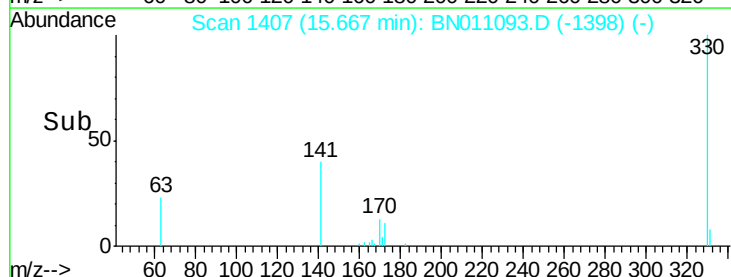
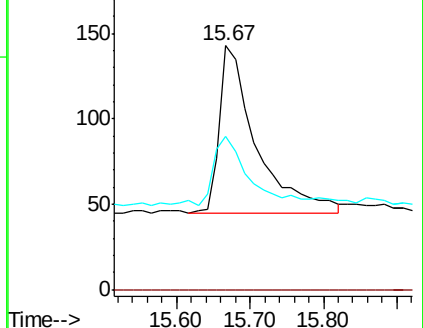
141 38.1 32.6 49.0

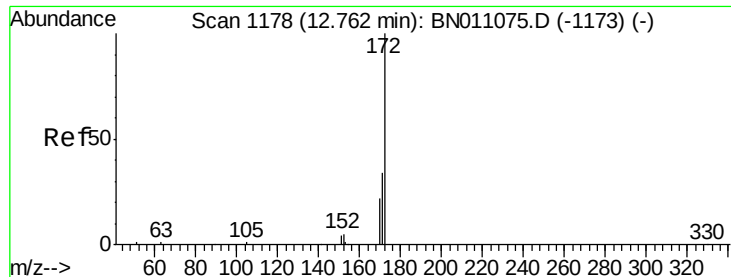


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

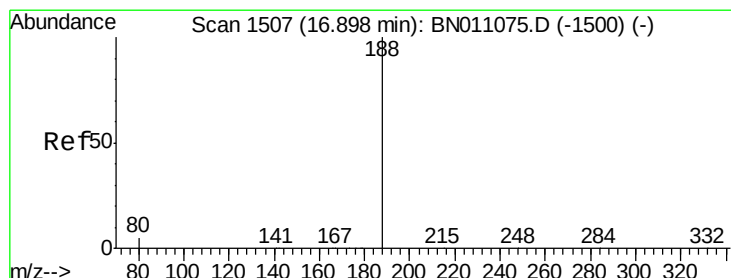
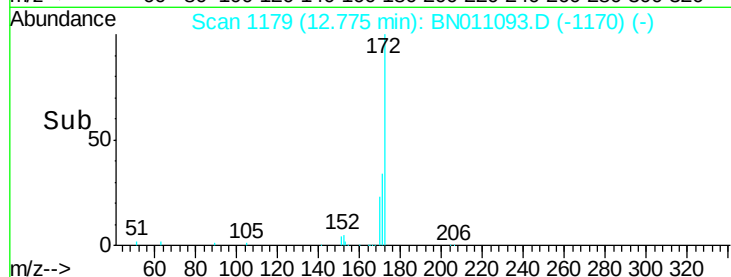
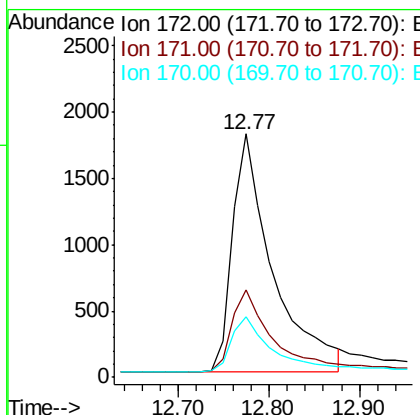
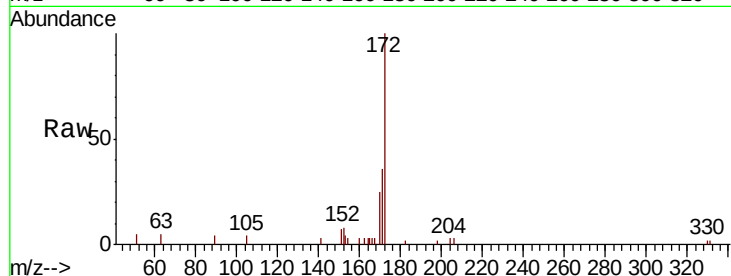




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011093.D
Acq: 02 Jul 2020 19:30

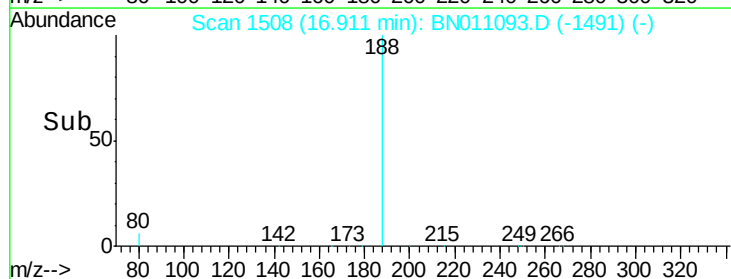
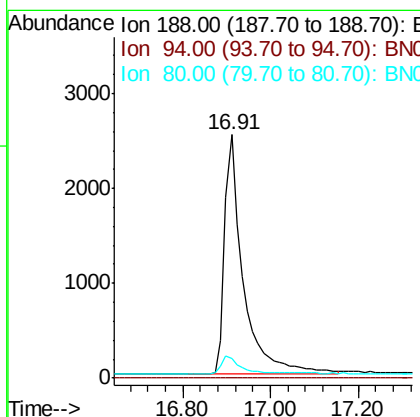
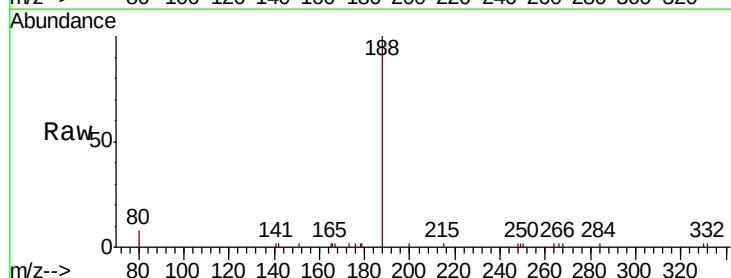
Instrument :
BNA_N
ClientSampleId :
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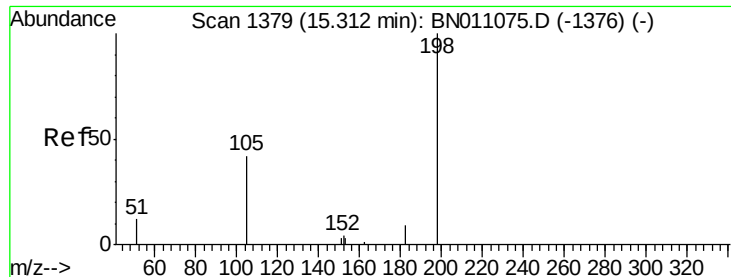
Tot Ion:172 Resp: 5495
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.6 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BN011093.D
Acq: 02 Jul 2020 19:30

Tgt Ion:188 Resp: 7328
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 5.3 7.9#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.091 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

Instrument :

BNA_N

ClientSampleId :

PB129885BL

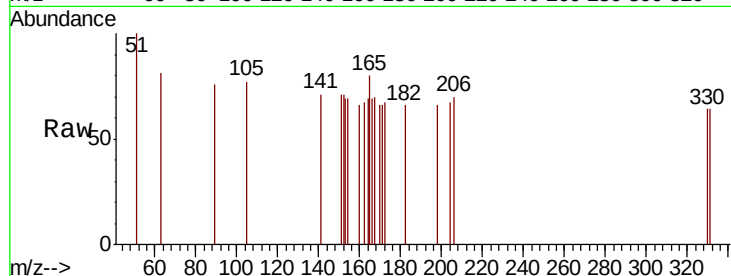
Tot Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 152.2 58.2 87.4#

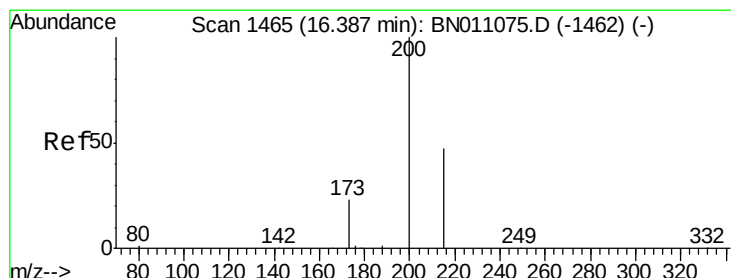
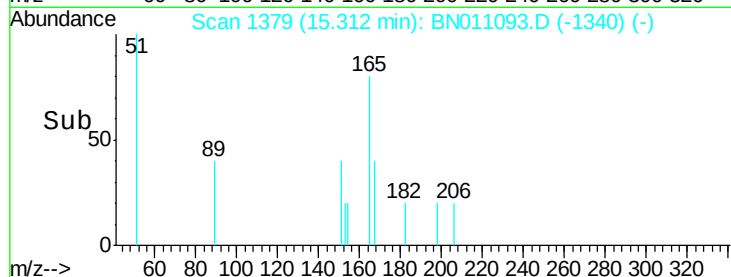
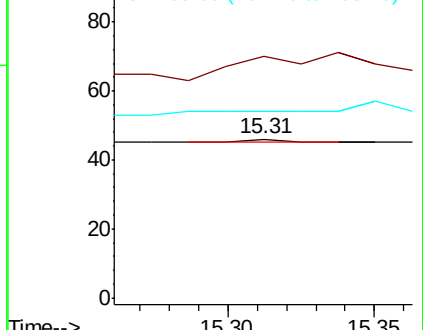
105 117.4 59.0 88.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#23

Atrazine

Concen: 0.068 ng

RT: 16.06 min Scan# 1438

Delta R.T. -0.33 min

Lab File: BN011093.D

Acq: 02 Jul 2020 19:30

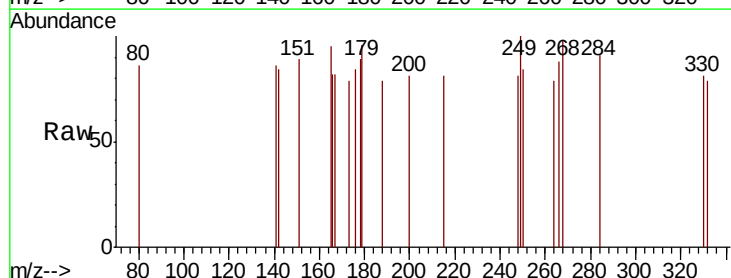
Tgt Ion:200 Resp: 233

Ion Ratio Lower Upper

200 100

173 97.8 22.8 34.2#

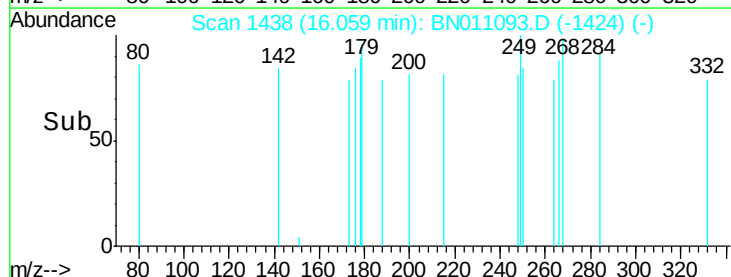
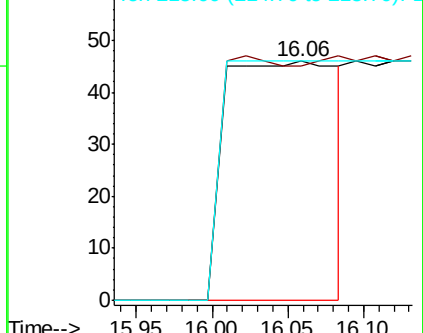
215 100.0 40.7 61.1#

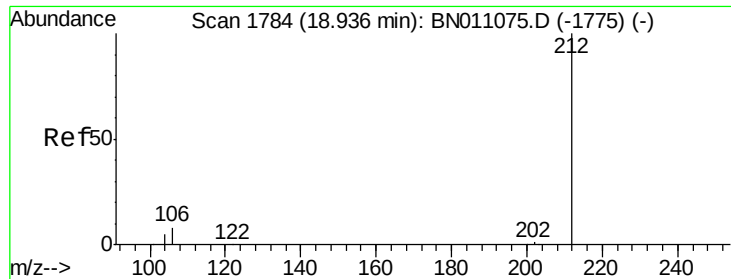


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

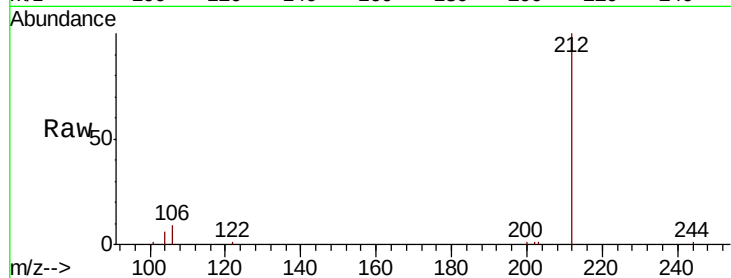




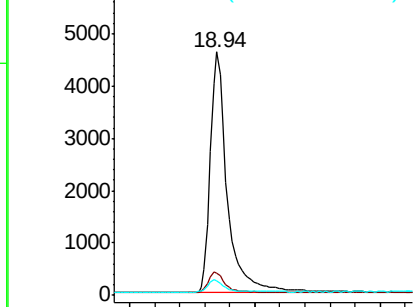
#27
 Fluoranthene-d10
 Concen: 0.401 ng
 RT: 18.94 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

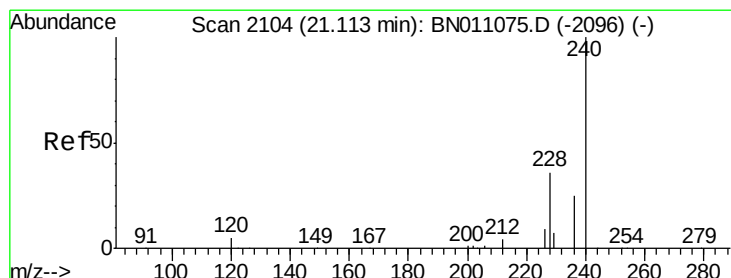
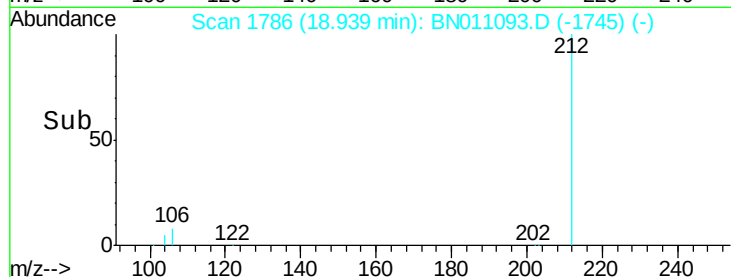
Tot Ion:212 Resp: 8878
 Ion Ratio Lower Upper
 212 100
 106 8.3 7.1 10.7
 104 5.2 4.2 6.4



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

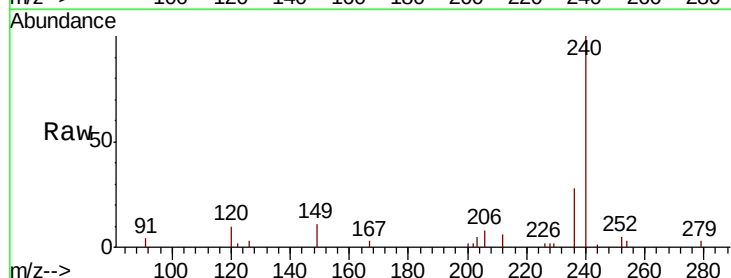


Time--> 18.80 19.00 19.20

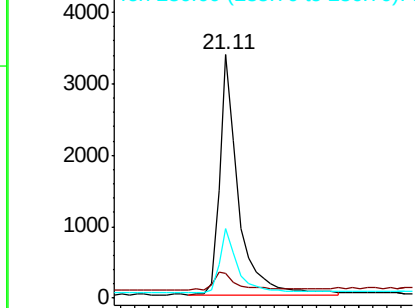


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

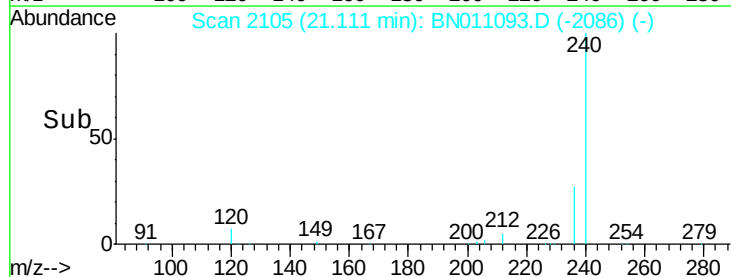
Tgt Ion:240 Resp: 6228
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.5 9.7#
 236 28.4 21.9 32.9

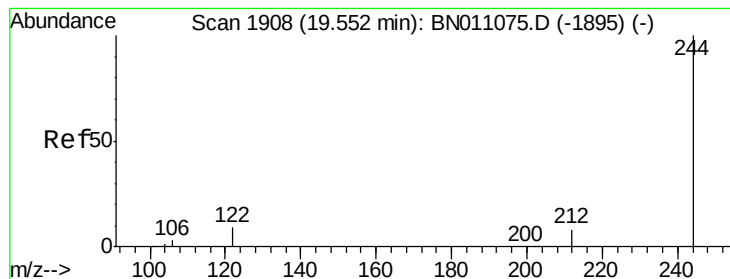


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20 21.30

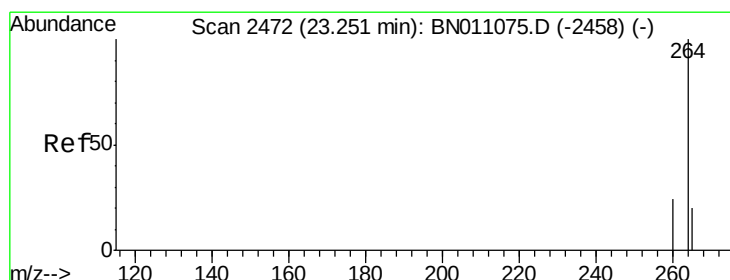
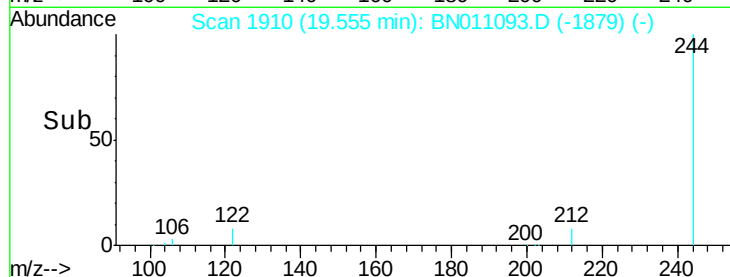
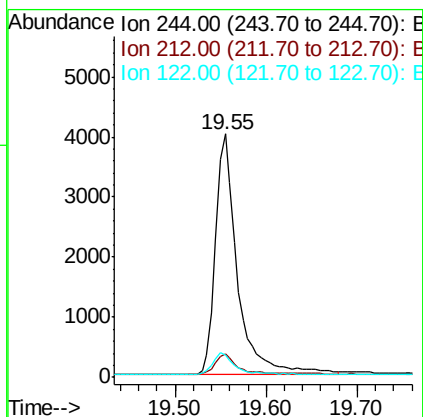
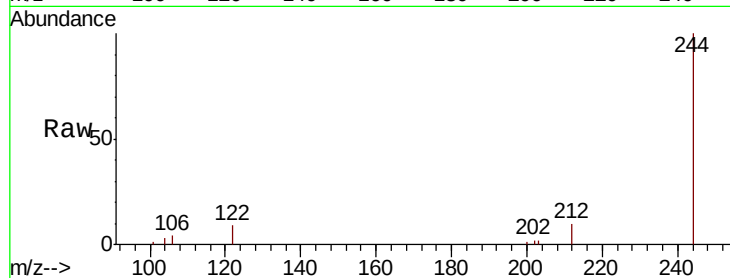




#31
 Terphenyl-d14
 Concen: 0.412 ng
 RT: 19.55 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

Instrument :
 BNA_N
 ClientSampleID :
 PB129885BL

Tot Ion:244 Resp: 6677
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 9.2 8.2 12.4



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BN011093.D
 Acq: 02 Jul 2020 19:30

Tgt Ion:264 Resp: 6526
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 91.4 83.0 124.6

