

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011089.D
 Acq On : 02 Jul 2020 17:06
 Operator : CG/JU
 Sample : PB129885BL
 Misc : MDL-WTR-PBBL-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Quant Time: Jul 02 19:40:56 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

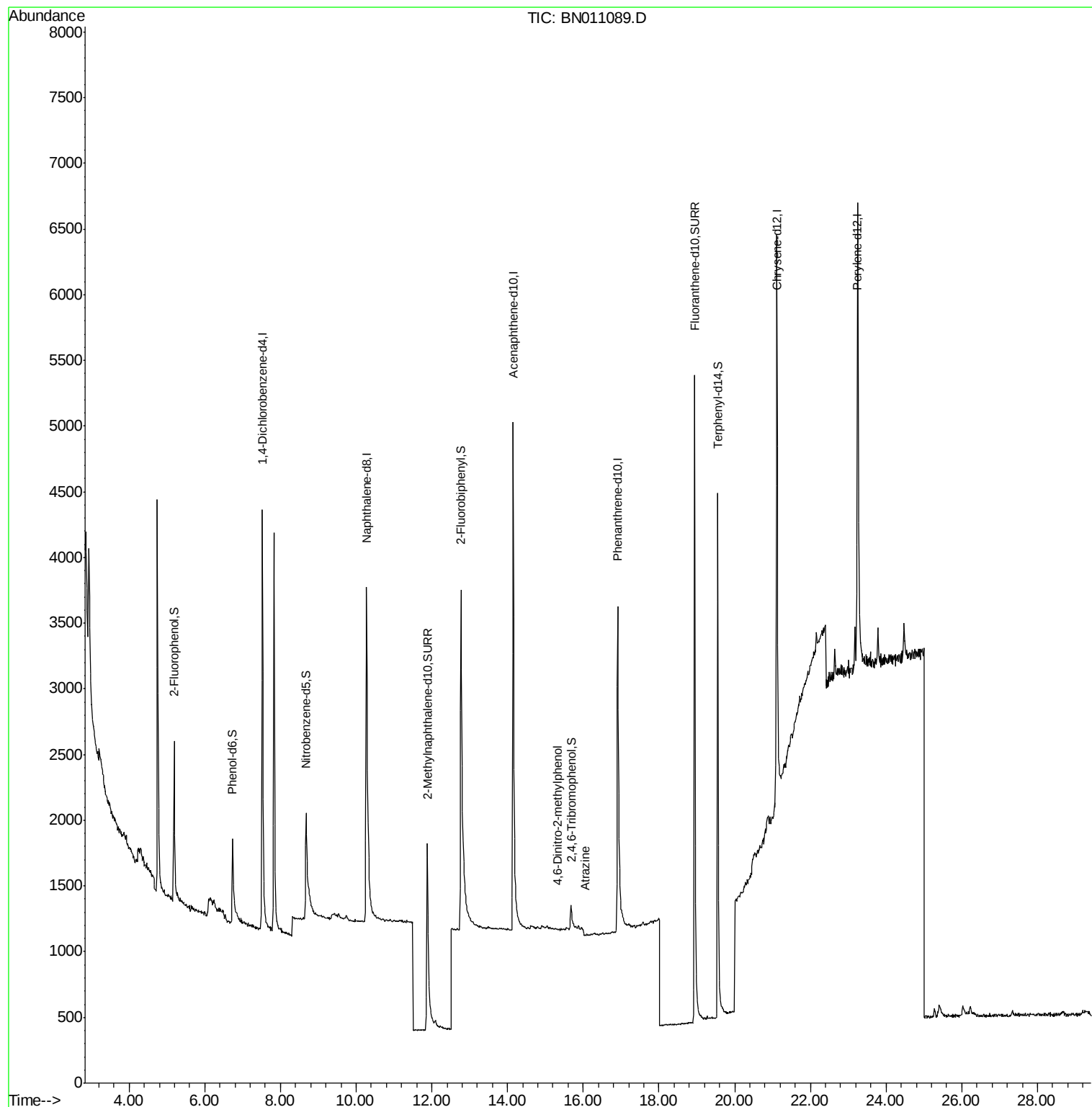
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2063	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6455	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	3484	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6978	0.40	ng	0.01
29) Chrysene-d12	21.11	240	5911	0.40	ng	0.00
36) Perylene-d12	23.25	264	6126	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1463	0.28	ng	0.00
5) Phenol-d6	6.74	99	1346	0.23	ng	0.00
8) Nitrobenzene-d5	8.68	82	1650	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	4034	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.68	330	317	0.22	ng	0.03
15) 2-Fluorobiphenyl	12.77	172	4665	0.28	ng	0.01
27) Fluoranthene-d10	18.94	212	8356	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	5908	0.38	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.31	198	2	0.092	ng	# 35
23) Atrazine	16.05	200	200	0.061	ng	# 6

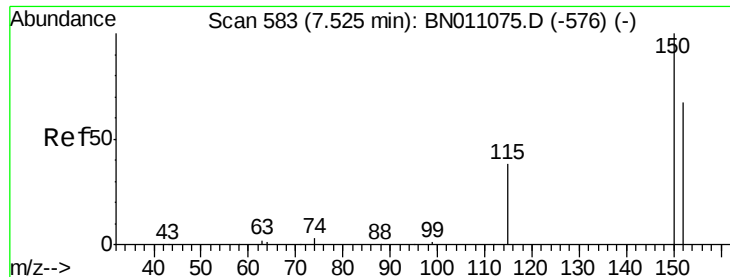
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

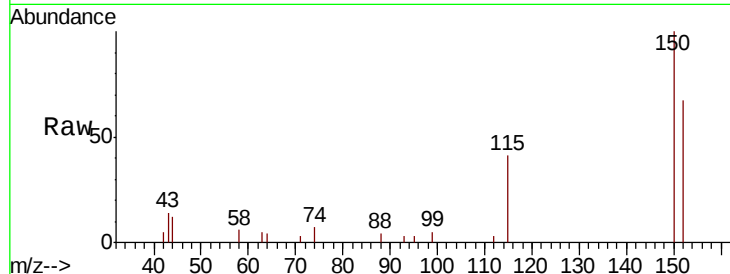




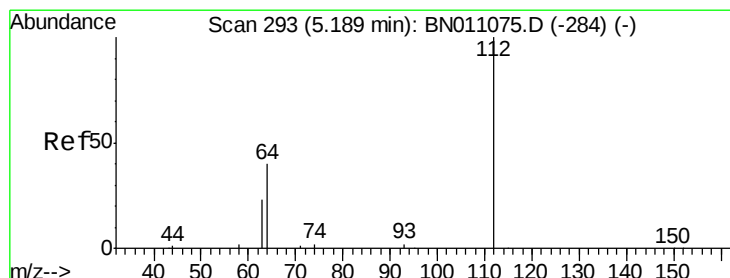
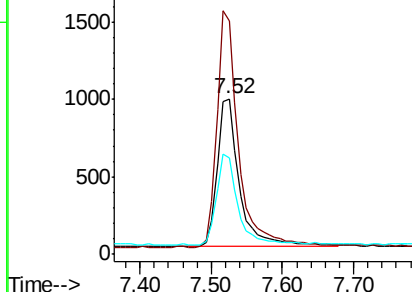
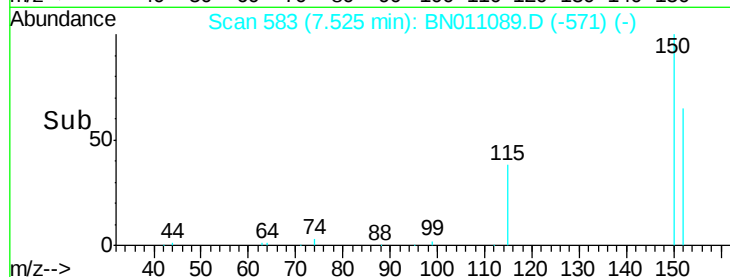
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Tot Ion:152 Resp: 2063
 Ion Ratio Lower Upper
 152 100
 150 150.0 117.4 176.0
 115 61.7 47.9 71.9

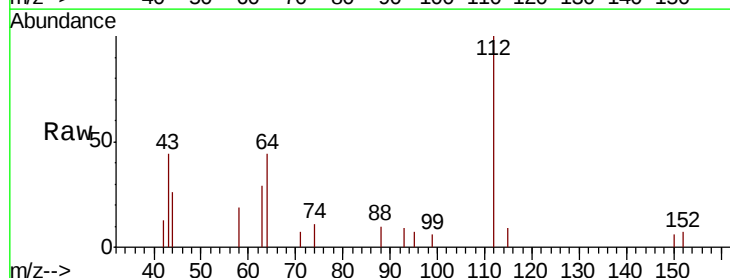


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

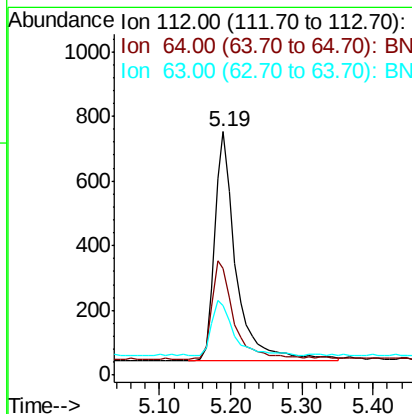
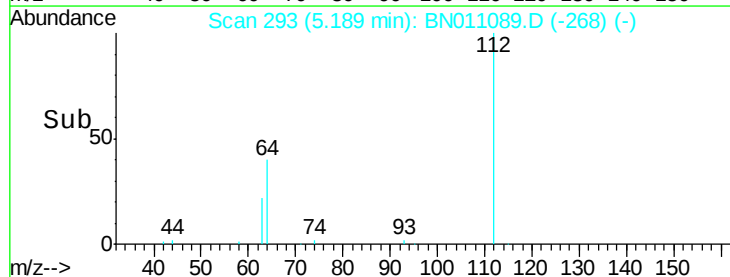


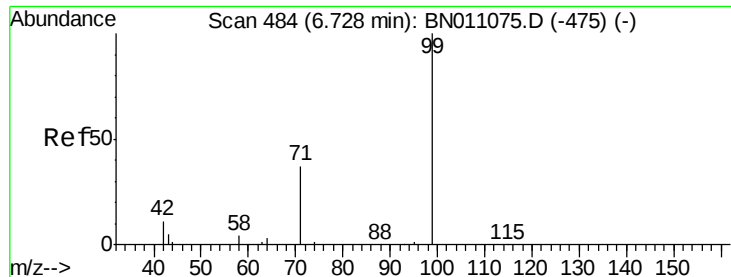
#4
 2-Fluorophenol
 Concen: 0.285 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

Tgt Ion:112 Resp: 1463
 Ion Ratio Lower Upper
 112 100
 64 44.2 36.5 54.7
 63 25.0 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: 0.228 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Instrument :

BNA_N

ClientSampleId :

PB129885BL

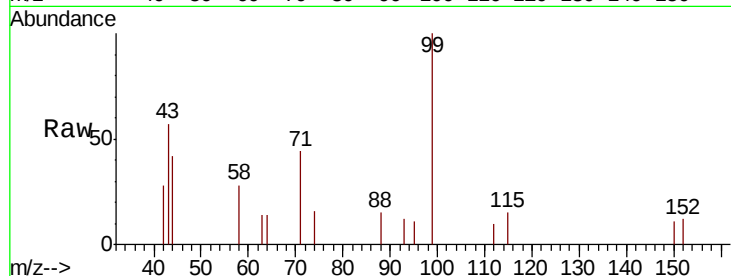
Tot Ion: 99 Resp: 1346

Ion Ratio Lower Upper

99 100

42 13.4 9.8 14.8

71 36.6 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

400

300

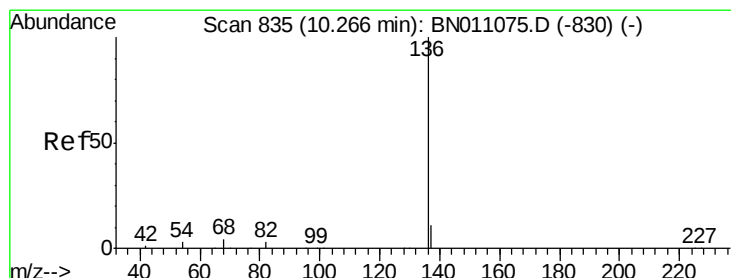
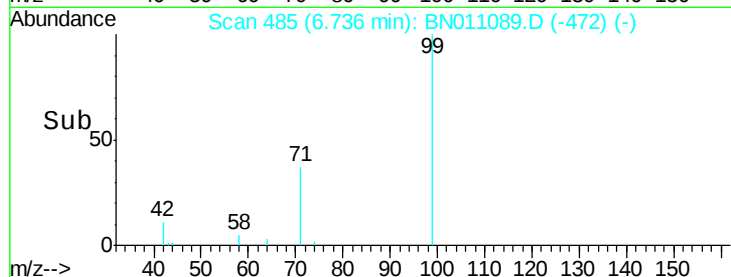
200

100

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Tgt Ion: 136 Resp: 6455

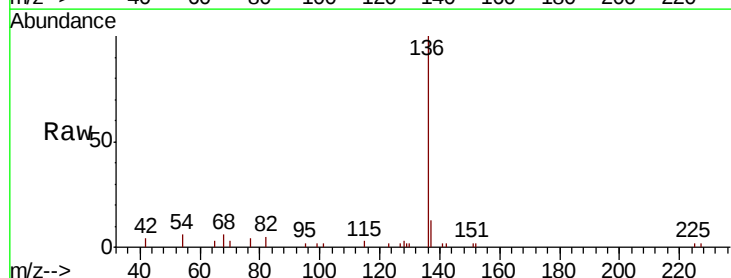
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 5.7 3.8 5.6#

68 6.1 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

3000

2500

2000

1500

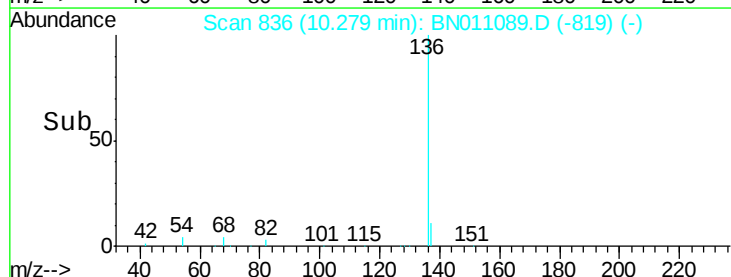
1000

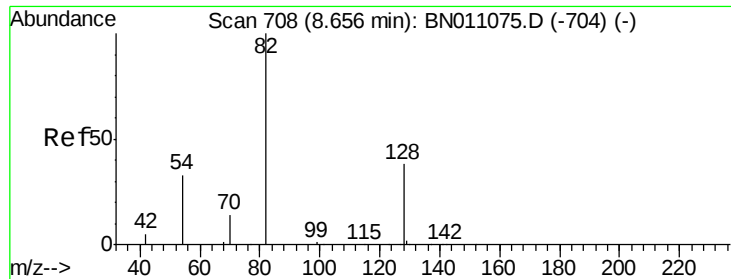
500

0

10.20 10.40

Time-->

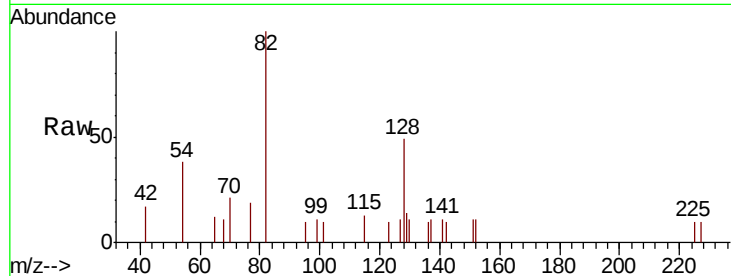




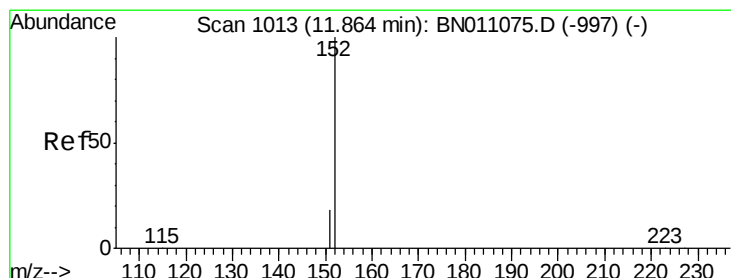
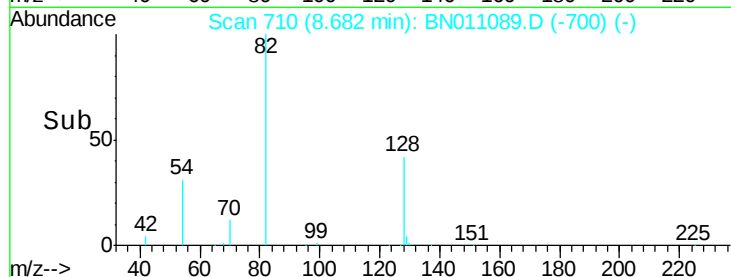
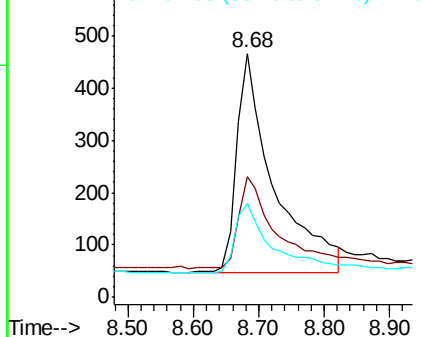
#8
 Nitrobenzene-d5
 Concen: 0.301 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.03 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

Tot Ion	82	Resp	1650
Ion Ratio	Lower	Upper	
82	100		
128	49.4	34.2	51.2
54	38.4	29.4	44.0

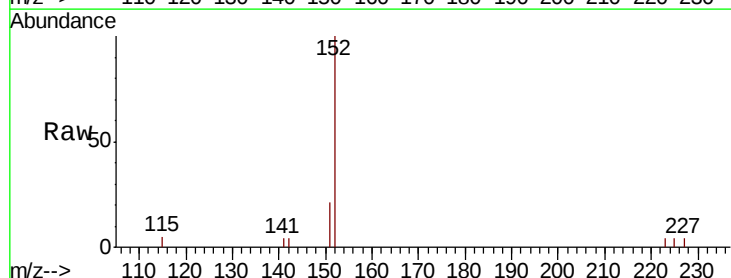


Abundance Ion 82.00 (81.70 to 82.70): BN011075.D (-704) (-)

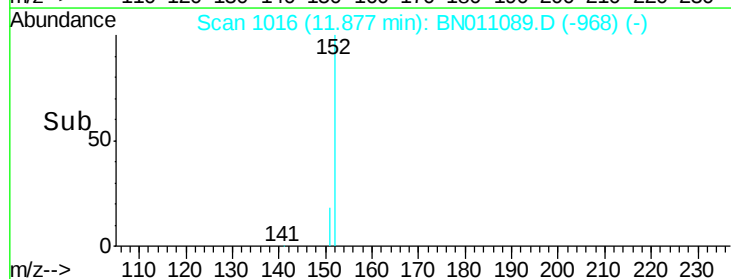
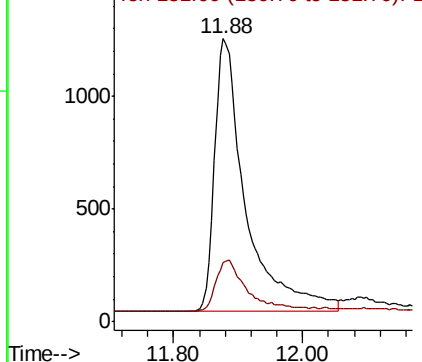


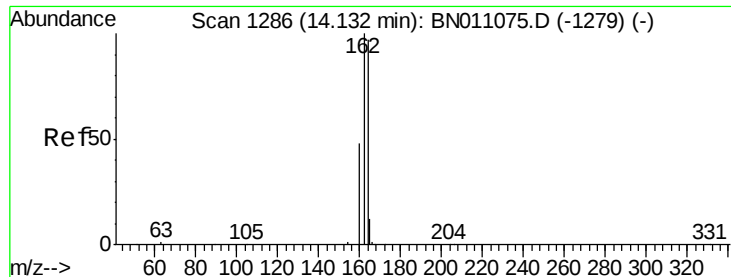
#11
 2-Methylnaphthalene-d10
 Concen: 0.361 ng
 RT: 11.88 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

Tgt Ion	152	Resp	4034
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.6	24.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Instrument :

BNA_N

ClientSampleId :

PB129885BL

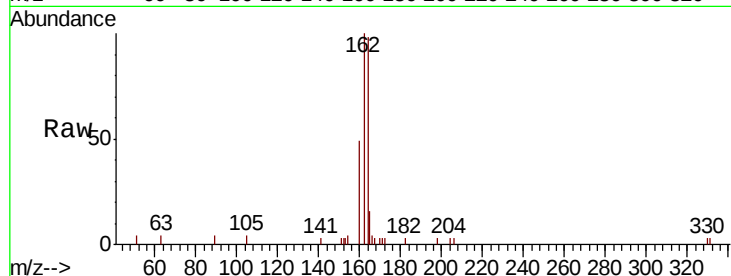
Tot Ion:164 Resp: 3484

Ion Ratio Lower Upper

164 100

162 102.5 82.3 123.5

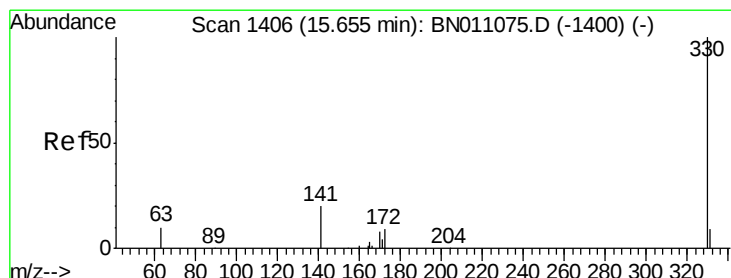
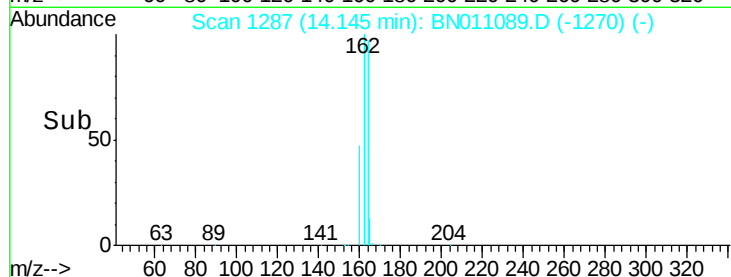
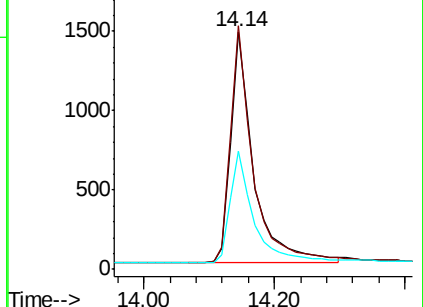
160 49.9 40.6 61.0



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: 0.217 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.03 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

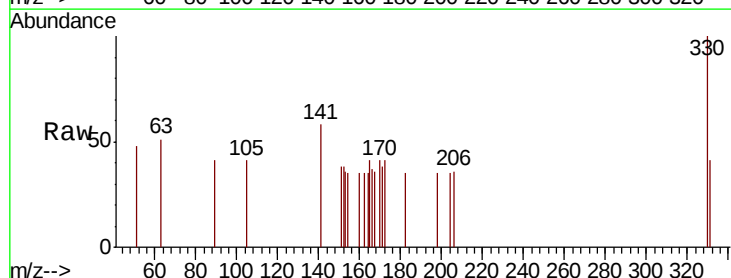
Tgt Ion:330 Resp: 317

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

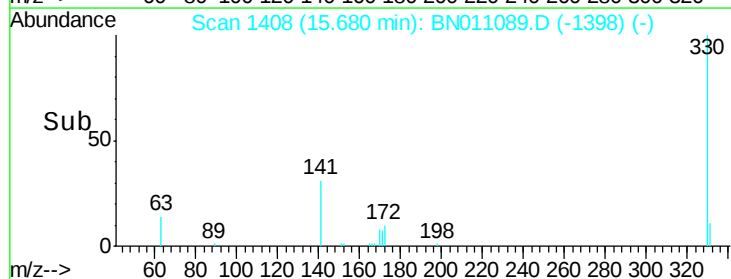
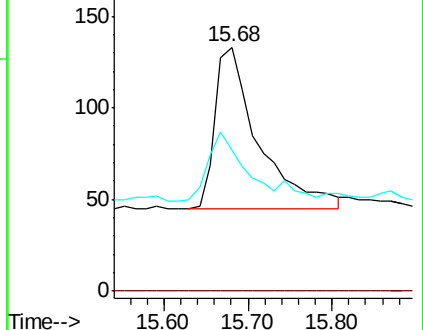
141 41.0 32.6 49.0

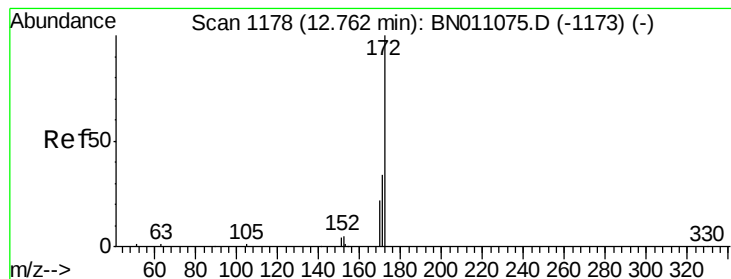


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.284 ng

RT: 12.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Instrument :

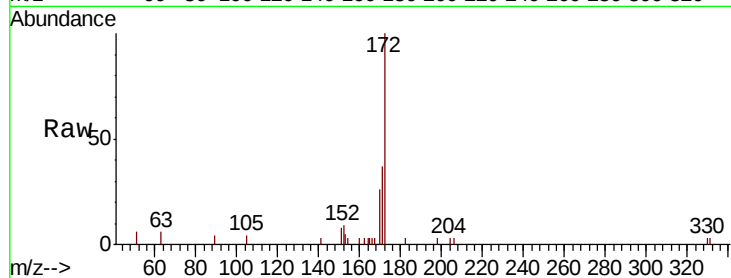
BNA_N

ClientSampleId :

PB129885BL

Tot Ion:172 Resp: 4665

Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.9	41.9
170	25.7	18.7	28.1

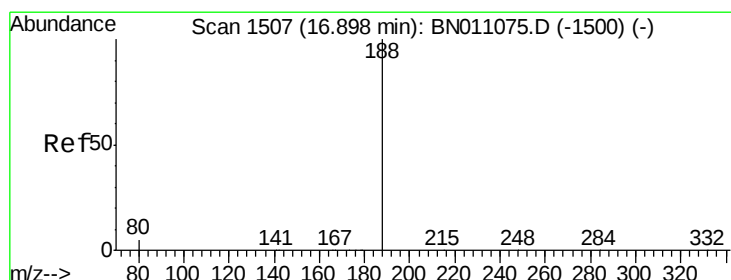
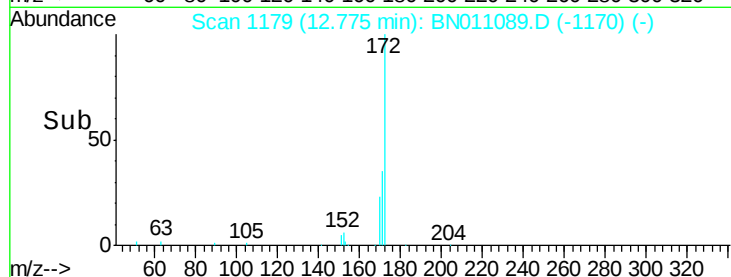
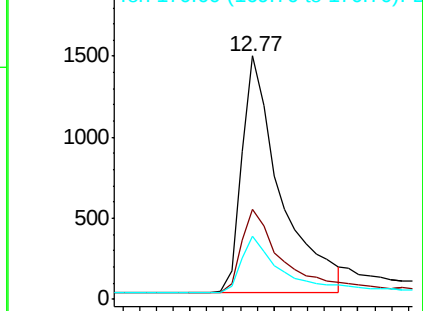


Abundance

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: 16.91 min Scan# 1508

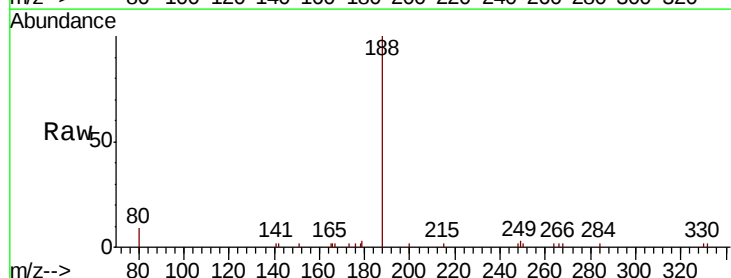
Delta R.T. 0.01 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Tgt Ion:188 Resp: 6978

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.3	7.9

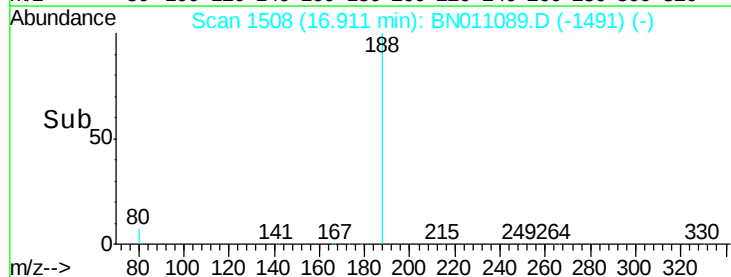
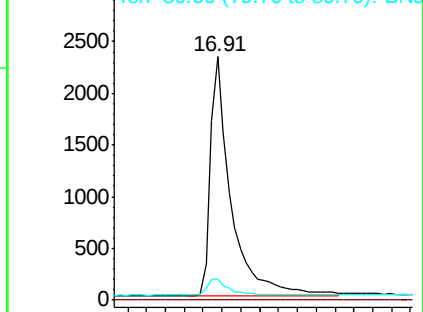


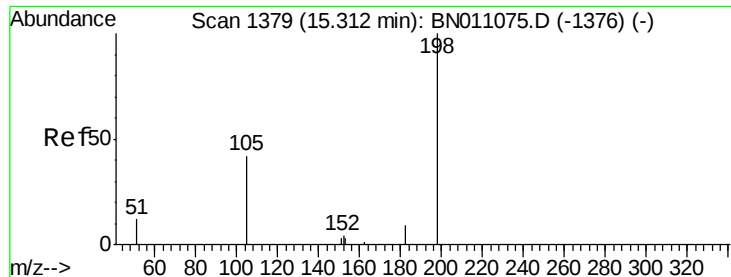
Abundance

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





#20

4,6-Dinitro-2-methylphenol

Concen: 0.092 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Instrument :

BNA_N

ClientSampleId :

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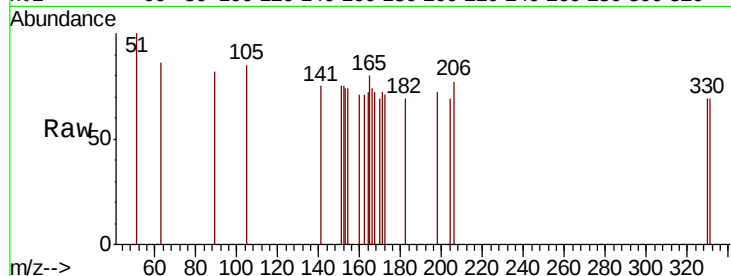
Tot Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 138.3 58.2 87.4#

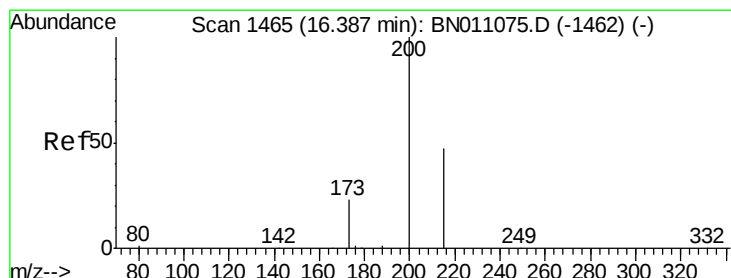
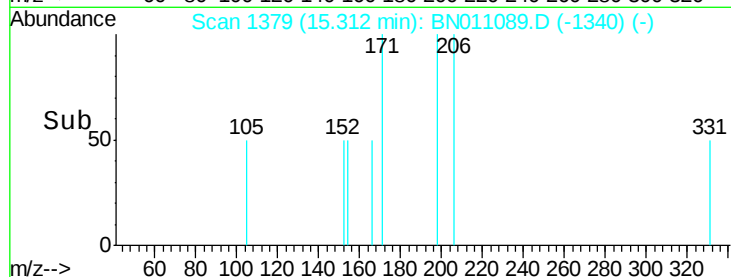
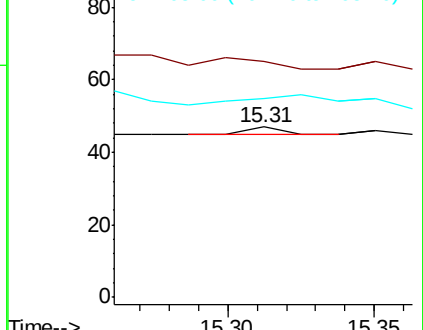
105 117.0 59.0 88.4#



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: 0.061 ng

RT: 16.05 min Scan# 1437

Delta R.T. -0.34 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

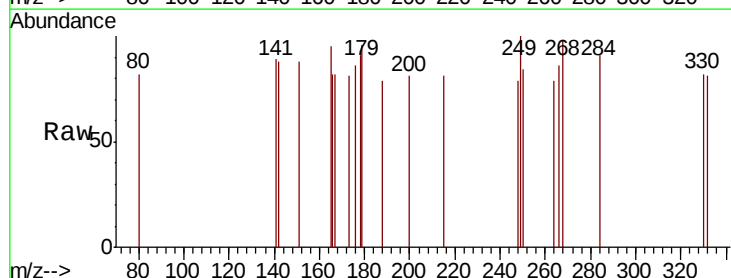
Tgt Ion:200 Resp: 200

Ion Ratio Lower Upper

200 100

173 100.0 22.8 34.2#

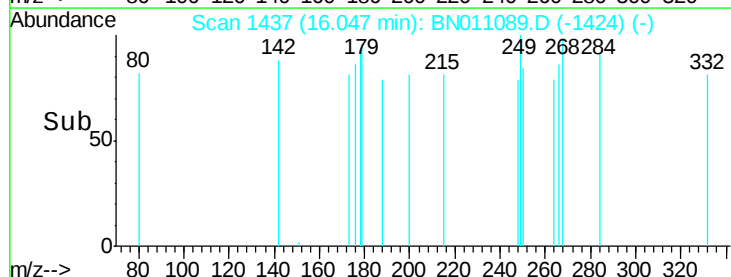
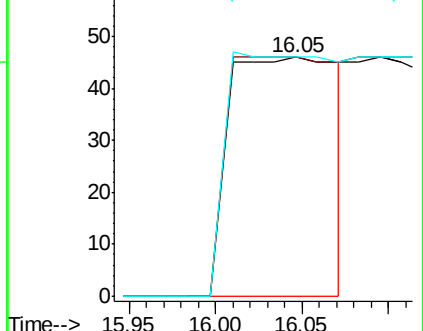
215 100.0 40.7 61.1#

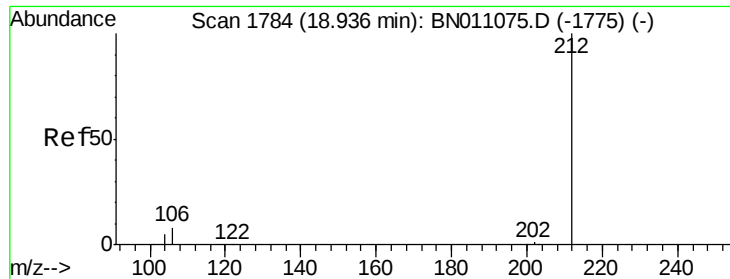


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

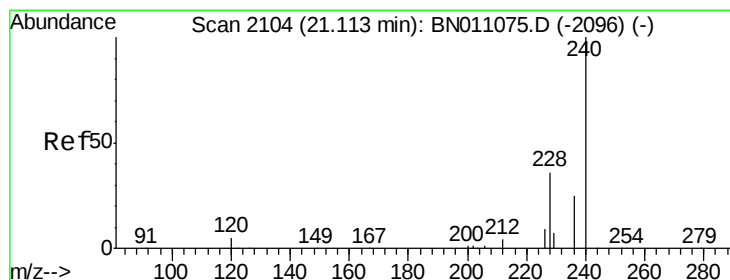
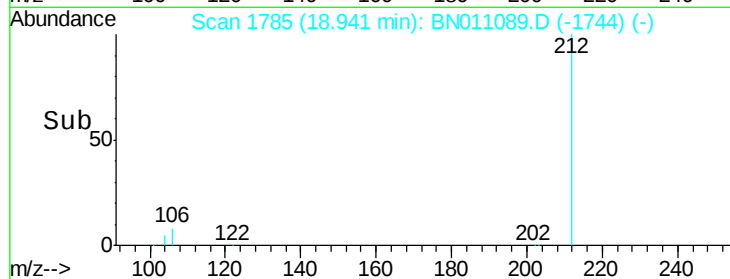
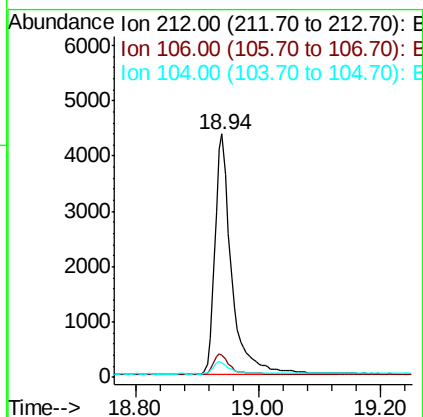
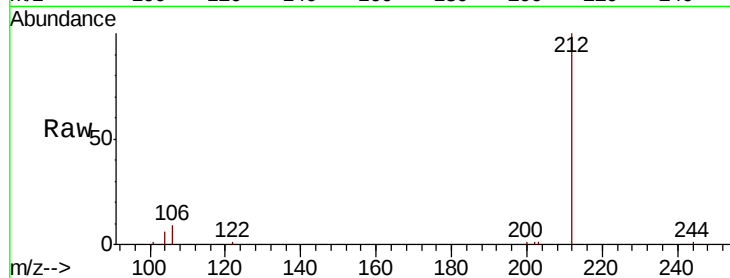




#27
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 18.94 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

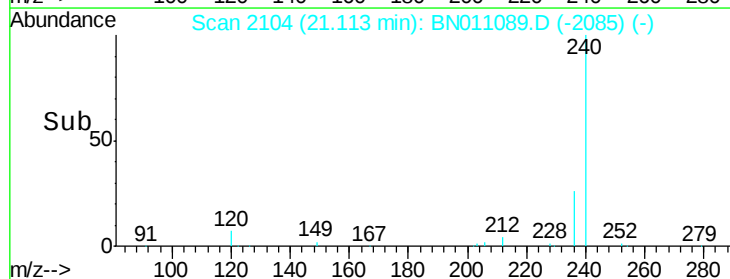
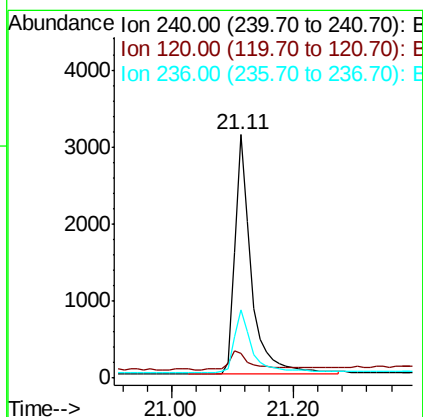
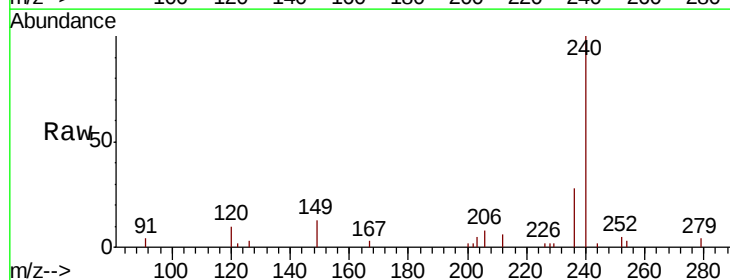
Instrument :
 BNA_N
 ClientSampleId :
 PB129885BL

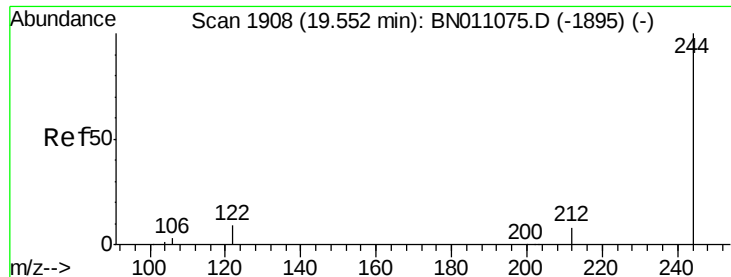
Tot Ion:212 Resp: 8356
 Ion Ratio Lower Upper
 212 100
 106 8.8 7.1 10.7
 104 4.9 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BN011089.D
 Acq: 02 Jul 2020 17:06

Tgt Ion:240 Resp: 5911
 Ion Ratio Lower Upper
 240 100
 120 10.1 6.5 9.7#
 236 28.1 21.9 32.9





#31

Terphenyl-d14

Concen: 0.384 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

Instrument :

BNA_N

ClientSampleId :

PB129885BL

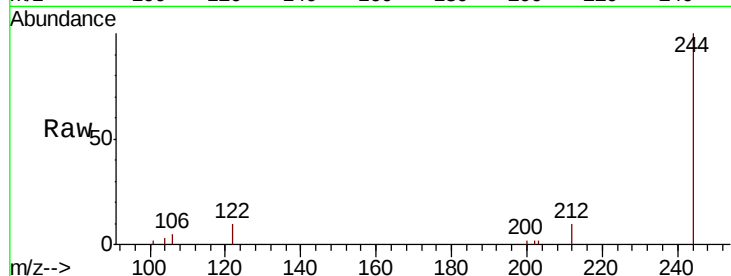
Tot Ion:244 Resp: 5908

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

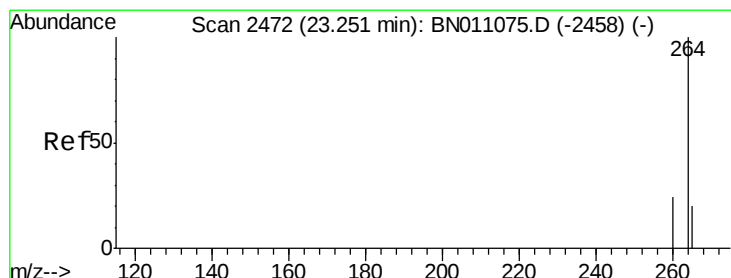
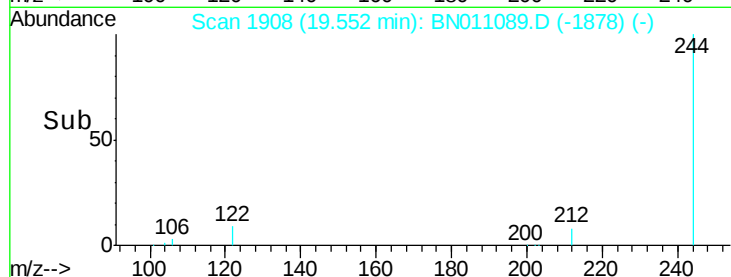
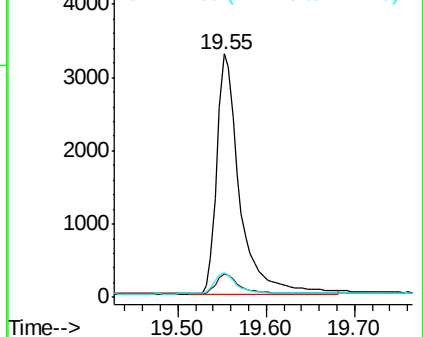
122 10.3 8.2 12.4



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# 2472

Delta R.T. -0.00 min

Lab File: BN011089.D

Acq: 02 Jul 2020 17:06

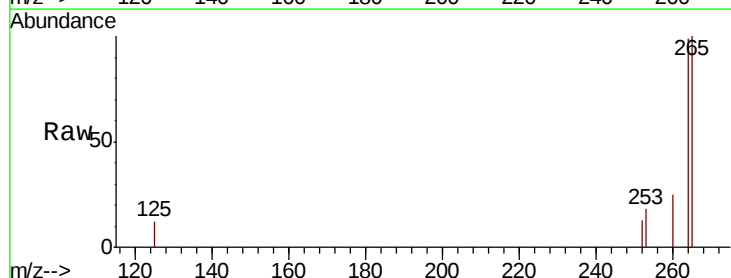
Tgt Ion:264 Resp: 6126

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 100.8 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

