

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011083.D
 Acq On : 02 Jul 2020 13:22
 Operator : CG/JU
 Sample : PB129884BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

Quant Time: Jul 02 14:22:01 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	2295	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7420	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	4027	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	8284	0.40	ng	0.00
29) Chrysene-d12	21.11	240	7200	0.40	ng	0.00
36) Perylene-d12	23.25	264	6948	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	1891	0.33	ng	0.00
5) Phenol-d6	6.73	99	1868	0.28	ng	0.00
8) Nitrobenzene-d5	8.67	82	2128	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.88	152	3465	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.65	330	448	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	6073	0.32	ng	0.00
27) Fluoranthene-d10	18.94	212	6843	0.27	ng	0.00
31) Terphenyl-d14	19.55	244	7671	0.41	ng	0.00

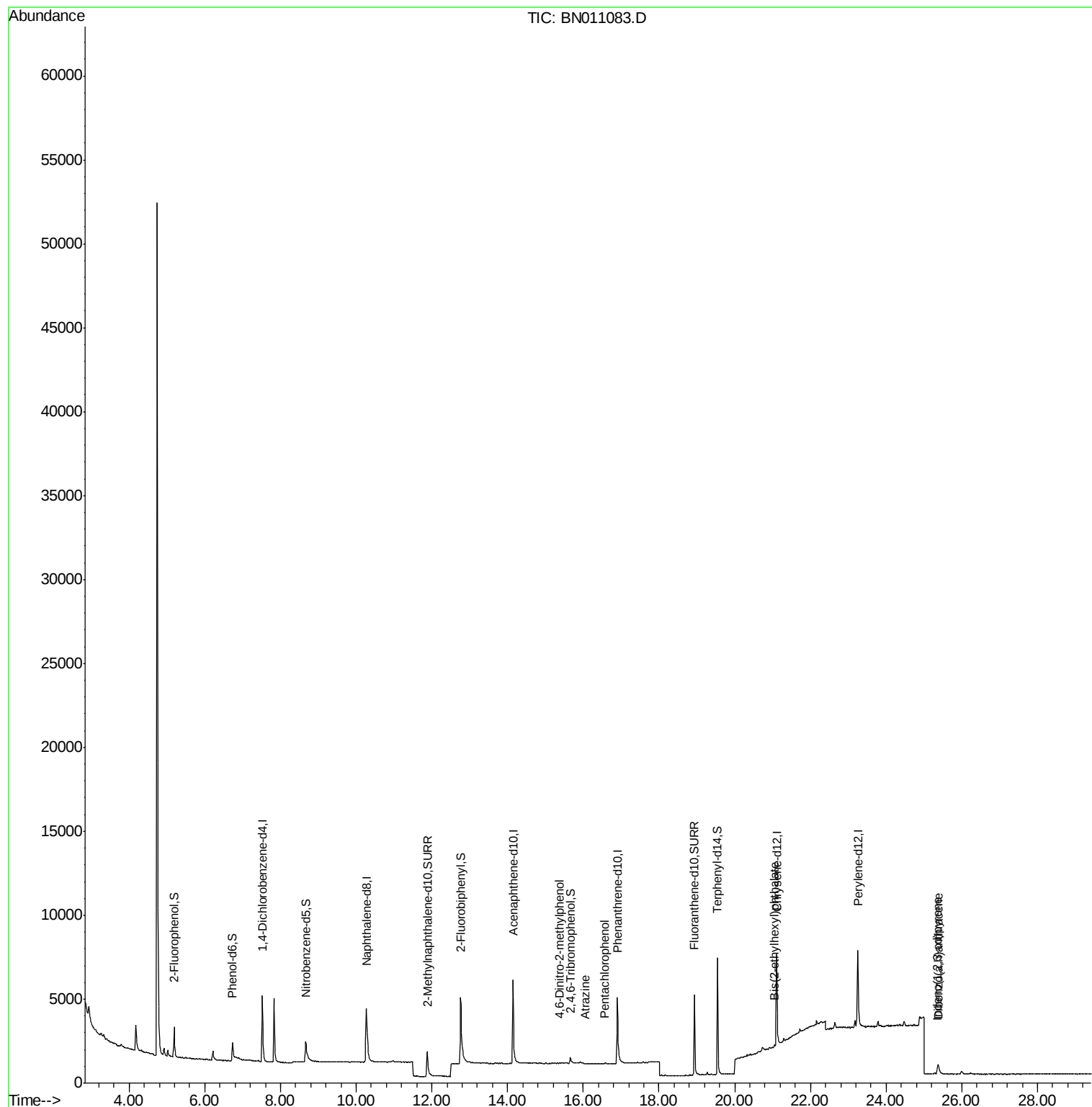
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) 4,6-Dinitro-2-methylphenol	15.38	198	3	0.093	ng	# 29
23) Atrazine	16.05	200	339	0.087	ng	# 10
24) Pentachlorophenol	16.57	266	55	0.031	ng	92
34) Bis(2-ethylhexyl)phthalate	21.05	149	196	0.020	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.36	276	811	0.028	ng	98
40) Dibenzo(a,h)anthracene	25.37	278	899	0.037	ng	# 27

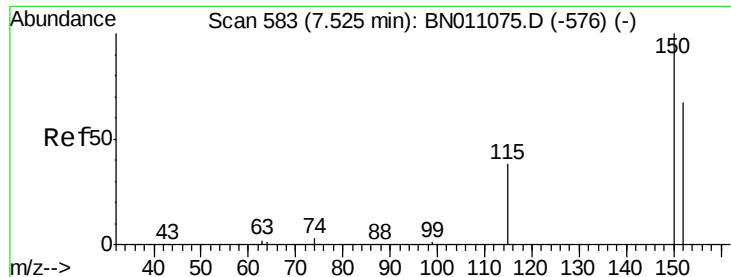
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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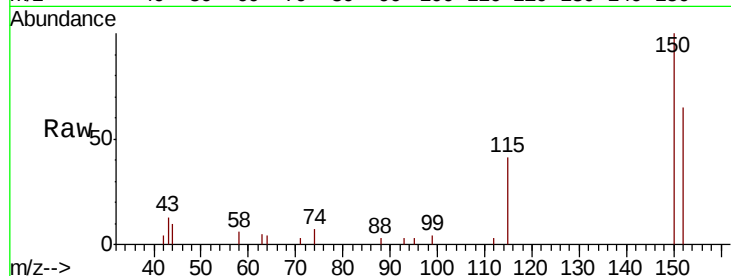


#1

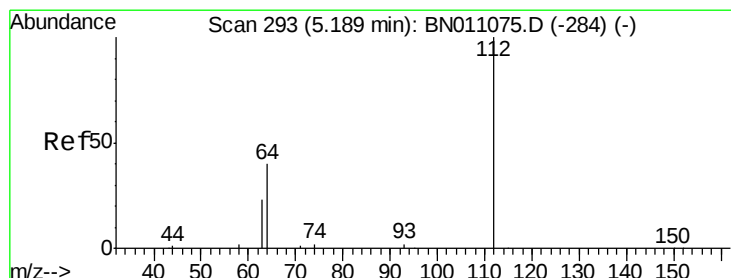
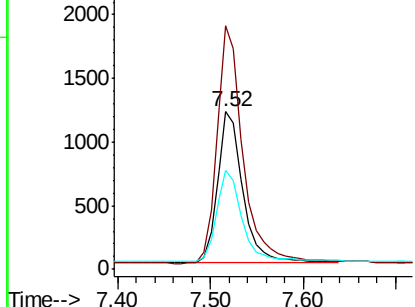
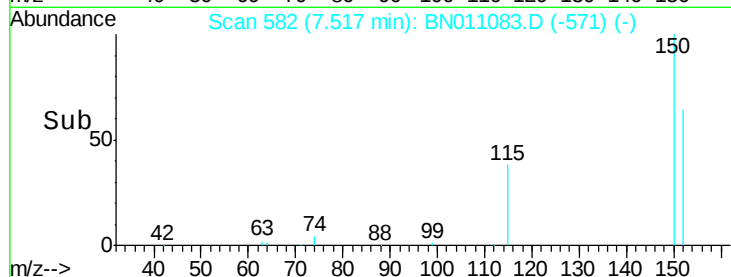
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

Instrument :
BNA_N
ClientSampleId :
PB129884BL

Tot Ion:152 Resp: 2295
Ion Ratio Lower Upper
152 100
150 154.6 117.4 176.0
115 63.0 47.9 71.9



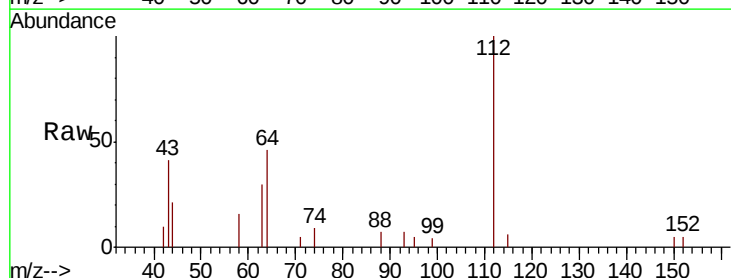
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



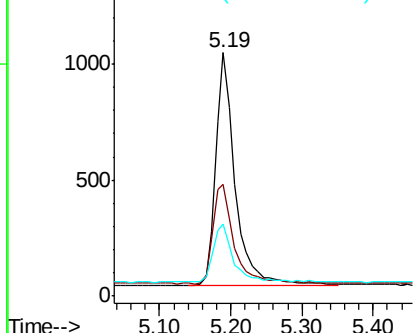
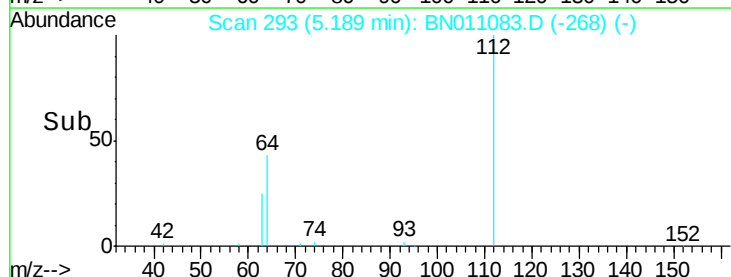
#4

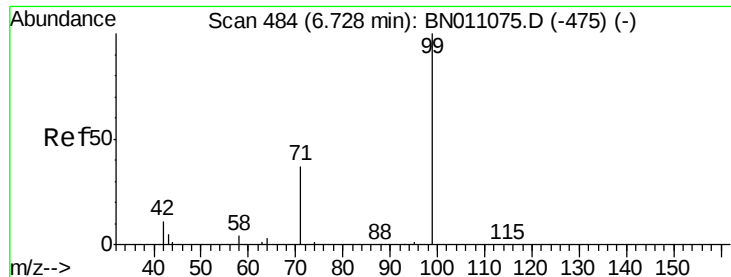
2-Fluorophenol
Concen: 0.331 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

Tgt Ion:112 Resp: 1891
Ion Ratio Lower Upper
112 100
64 46.4 36.5 54.7
63 26.1 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: 0.284 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

PB129884BL

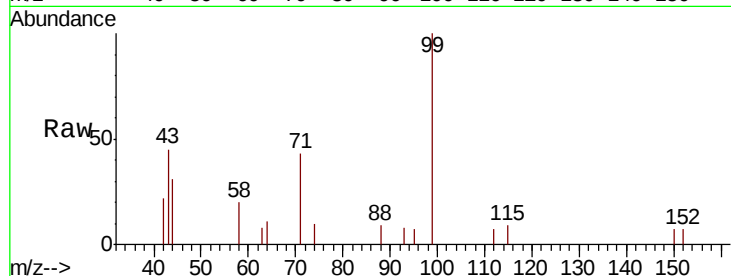
Tot Ion: 99 Resp: 1868

Ion Ratio Lower Upper

99 100

42 12.3 9.8 14.8

71 39.1 30.7 46.1



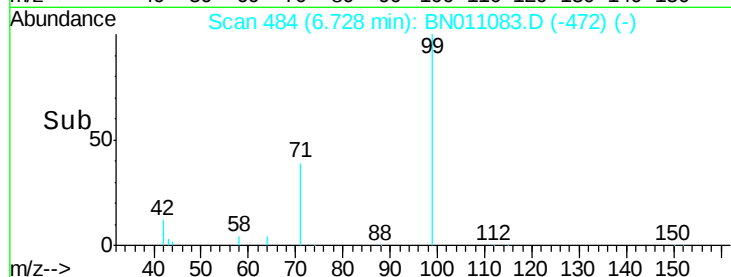
Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

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

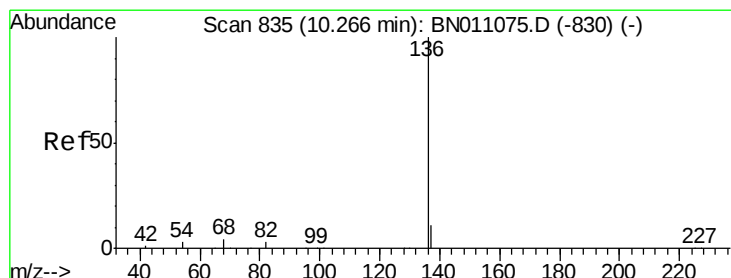
Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)

6.73

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

Tgt Ion: 136 Resp: 7420

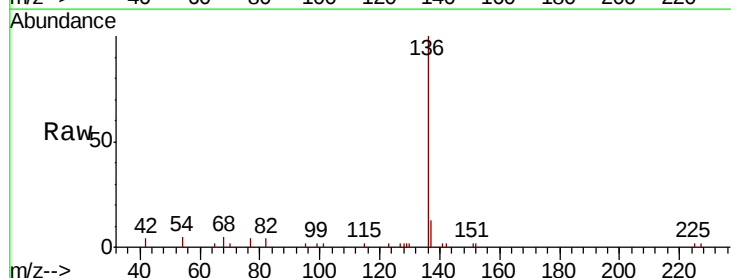
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 5.0 3.8 5.6

68 5.4 4.3 6.5



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

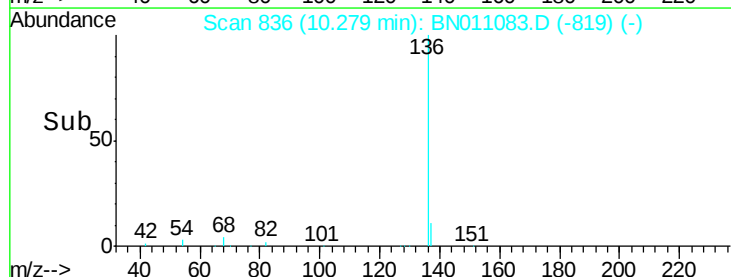
Ion 137.00 (136.70 to 137.70): BN011075.D (-830) (-)

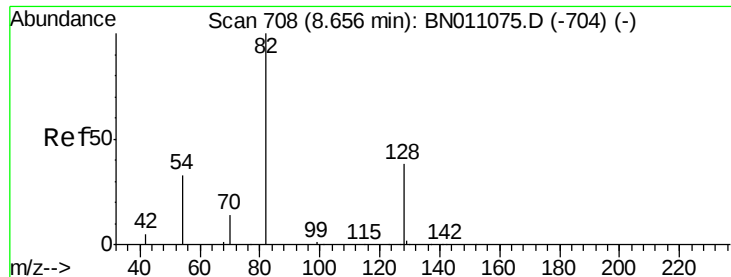
Ion 54.00 (53.70 to 54.70): BN011075.D (-830) (-)

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

10.28

Time-->

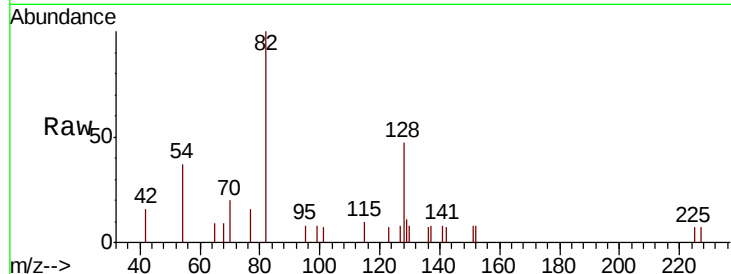




#8
 Nitrobenzene-d5
 Concen: 0.337 ng
 RT: 8.67 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

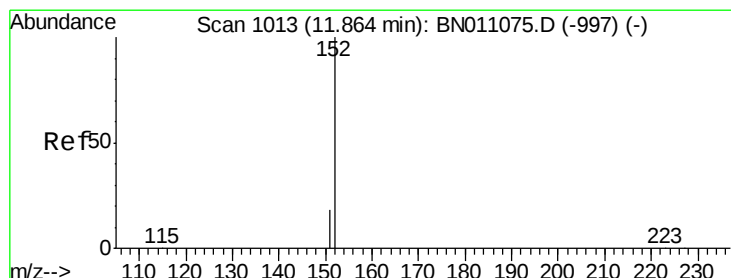
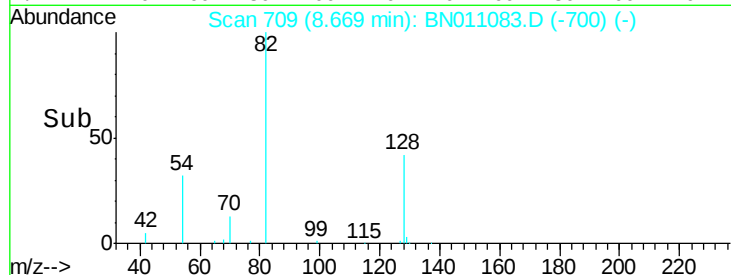
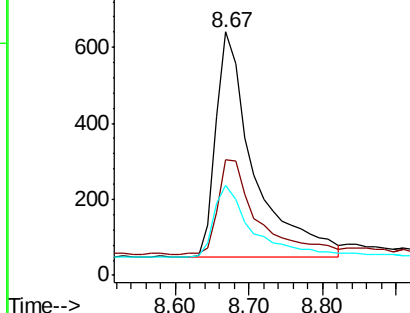
Tot Ion	82	Resp	2128
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.2	51.2
54	37.0	29.4	44.0



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

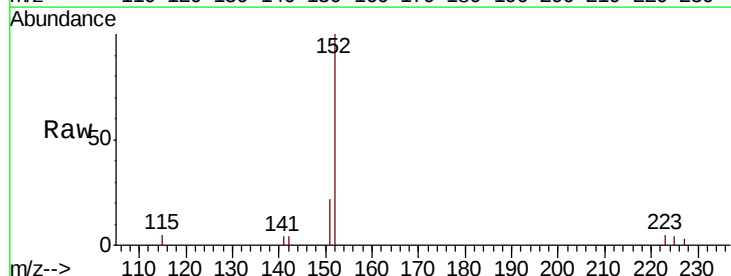
Ion 128.00 (127.70 to 128.70): BN011075.D (-704) (-)

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



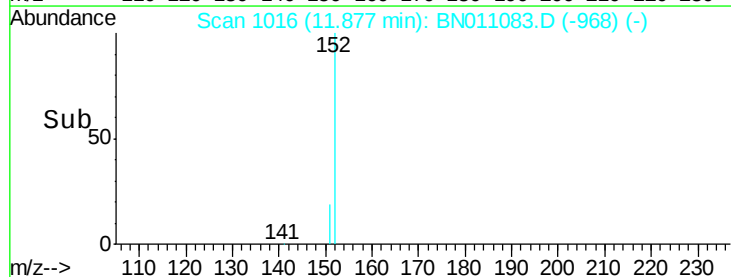
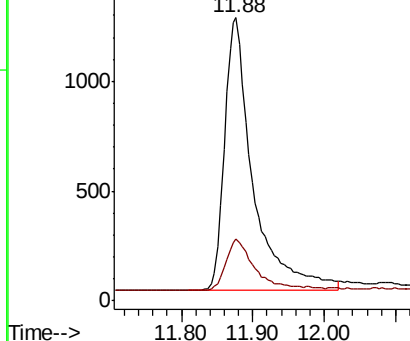
#11
 2-Methylnaphthalene-d10
 Concen: 0.270 ng
 RT: 11.88 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

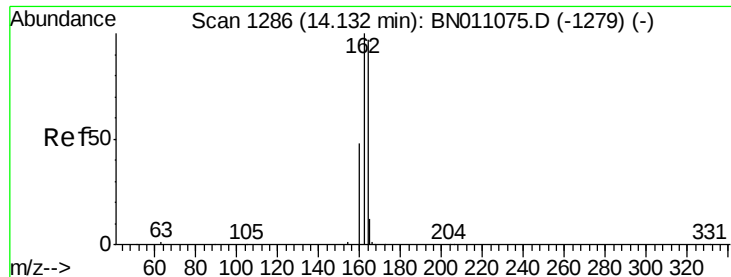
Tgt Ion	152	Resp	3465
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.6	24.8



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: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

PB129884BL

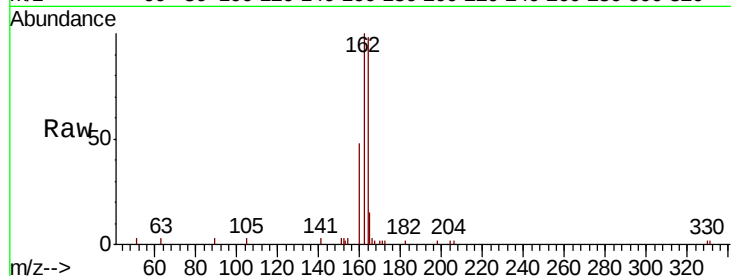
Tot Ion:164 Resp: 4027

Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

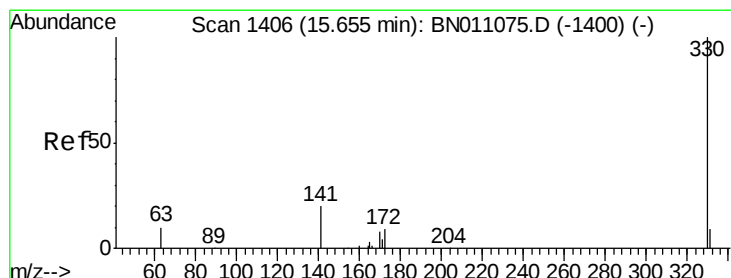
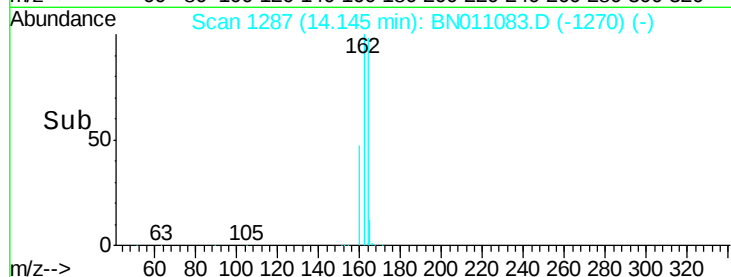
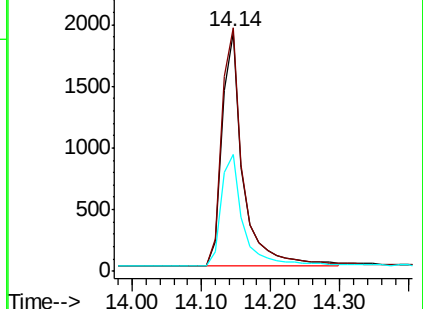
160 48.8 40.6 61.0



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: 0.265 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

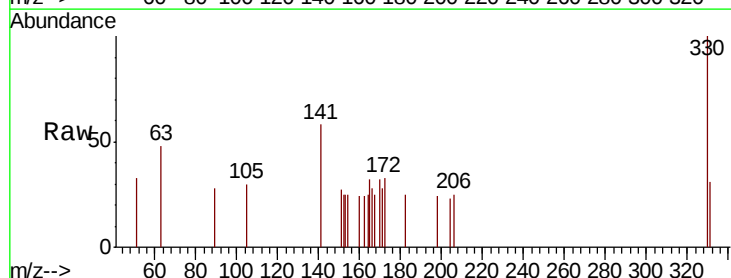
Tgt Ion:330 Resp: 448

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

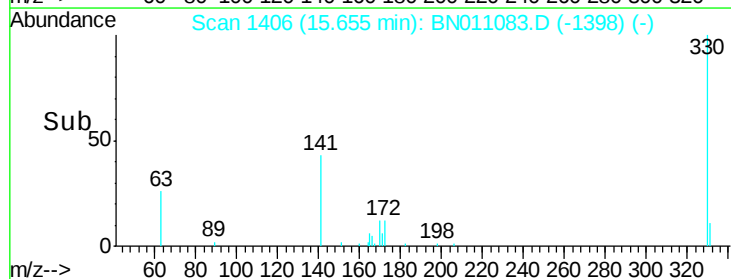
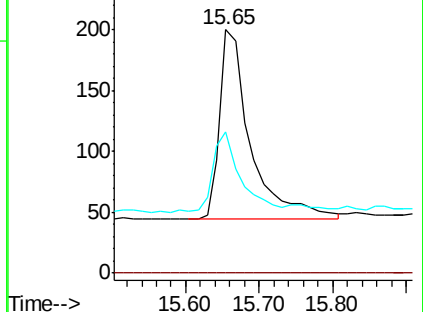
141 36.6 32.6 49.0

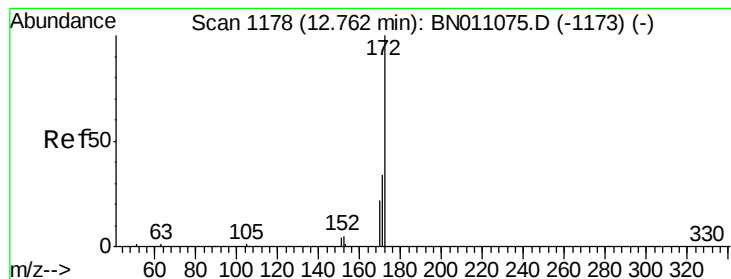


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.320 ng

RT: 12.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

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PB129884BL

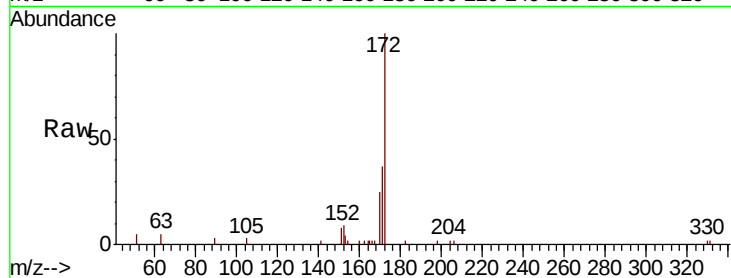
Tot Ion:172 Resp: 6073

Ion Ratio Lower Upper

172 100

171 37.2 27.9 41.9

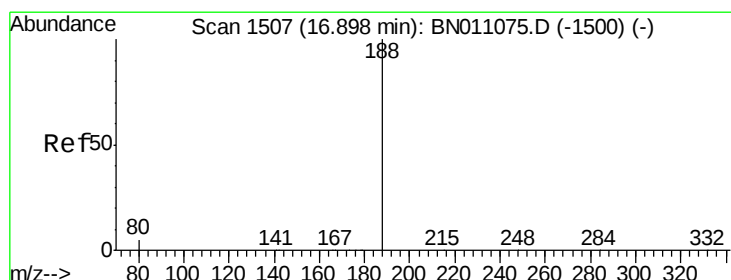
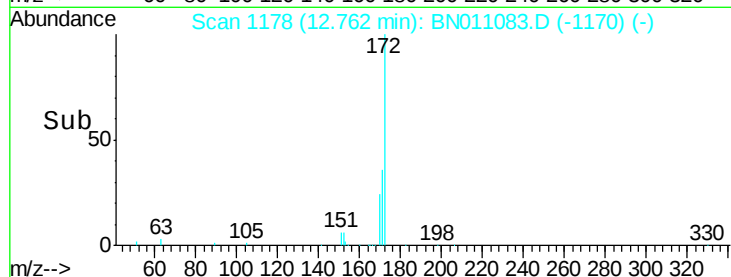
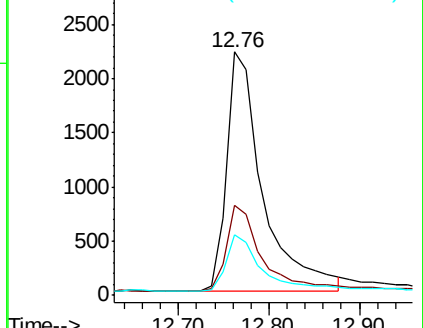
170 25.1 18.7 28.1



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: BN011083.D

Acq: 02 Jul 2020 13:22

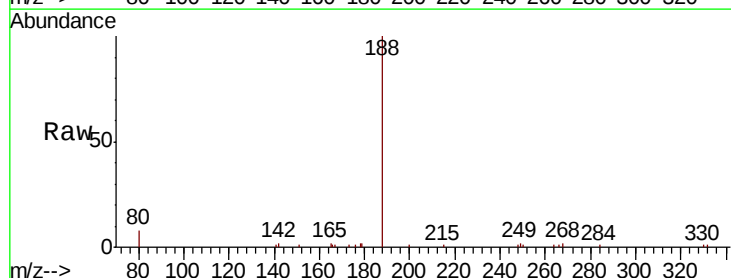
Tgt Ion:188 Resp: 8284

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

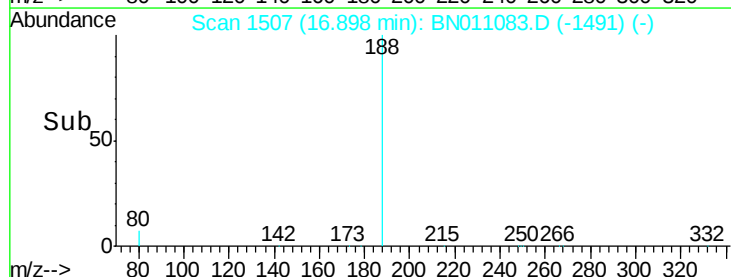
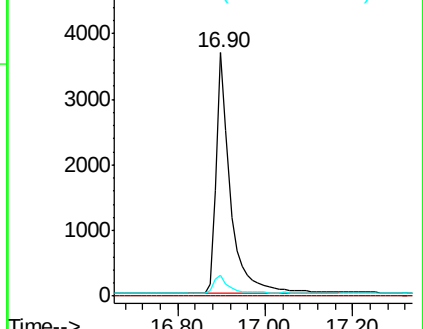
80 8.4 5.3 7.9#

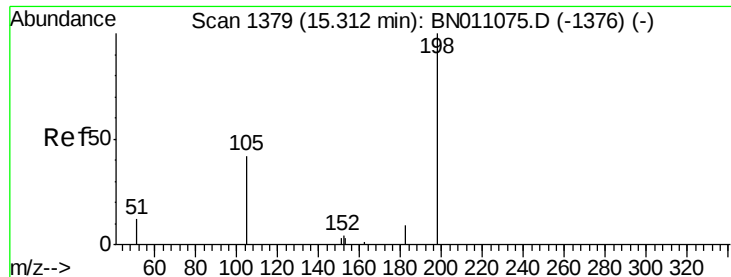


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

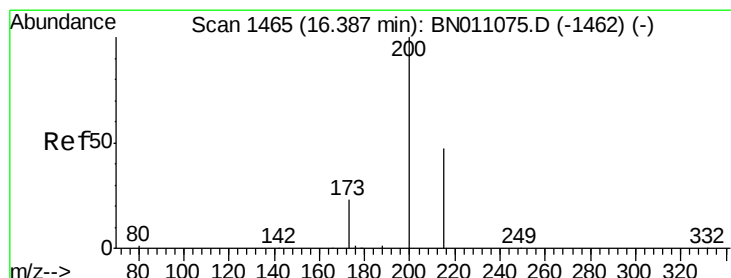
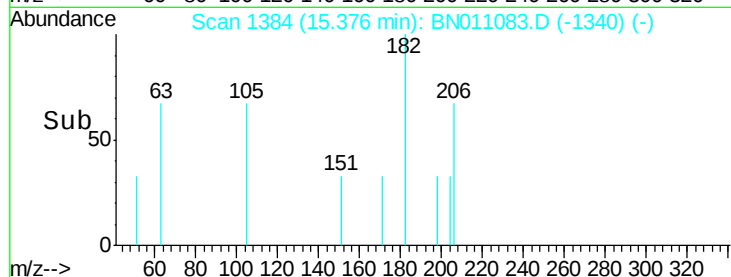
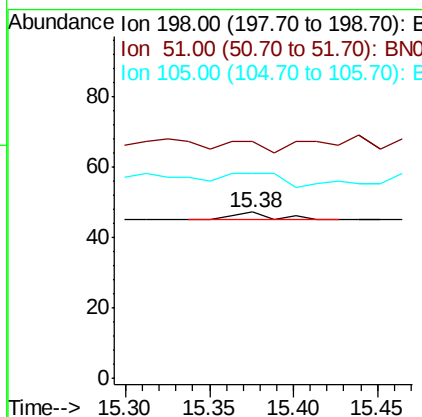
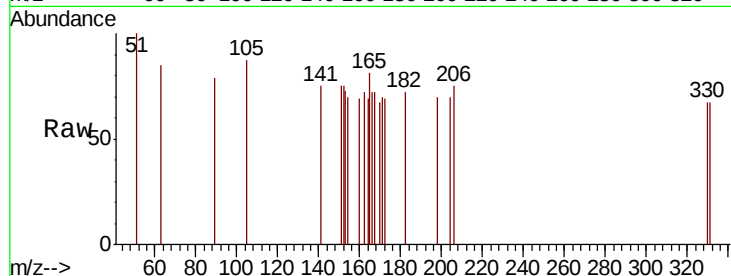




#20
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng
RT: 15.38 min Scan# 1384
Delta R.T. 0.06 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

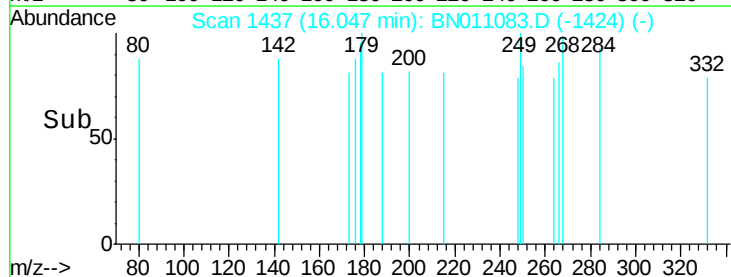
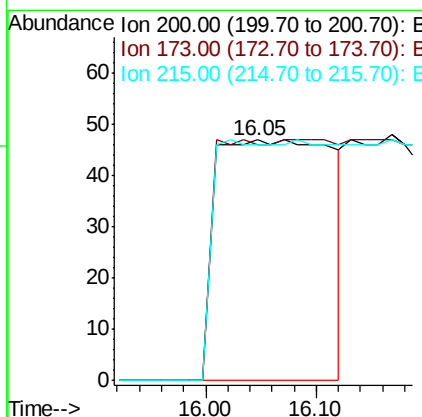
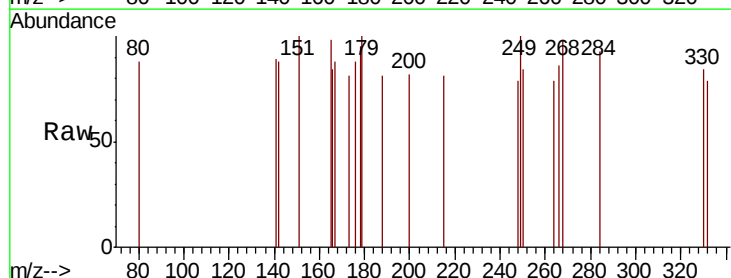
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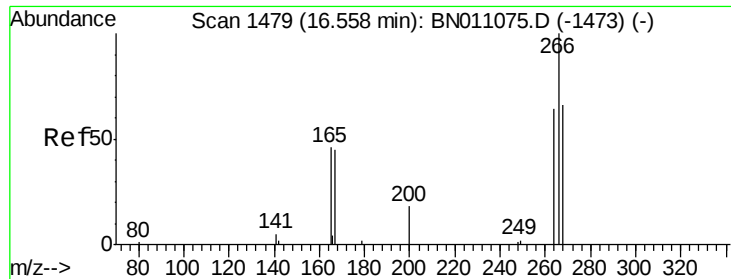
Tot Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 142.6 58.2 87.4#
105 123.4 59.0 88.4#



#23
Atrazine
Concen: 0.087 ng
RT: 16.05 min Scan# 1437
Delta R.T. -0.34 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

Tgt Ion:200 Resp: 339
Ion Ratio Lower Upper
200 100
173 97.9 22.8 34.2#
215 97.9 40.7 61.1#

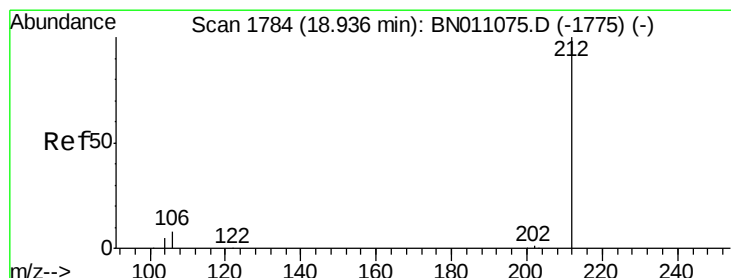
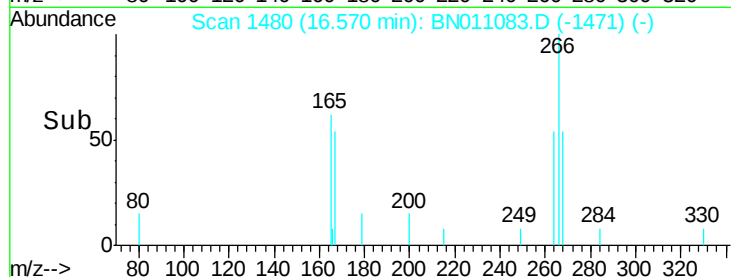
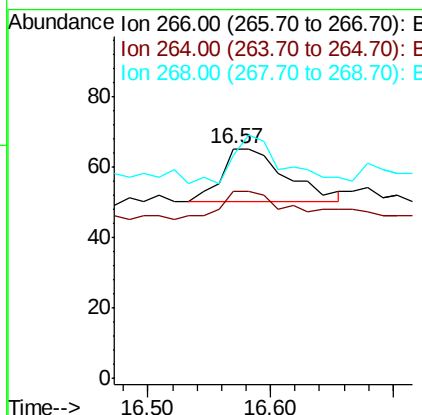
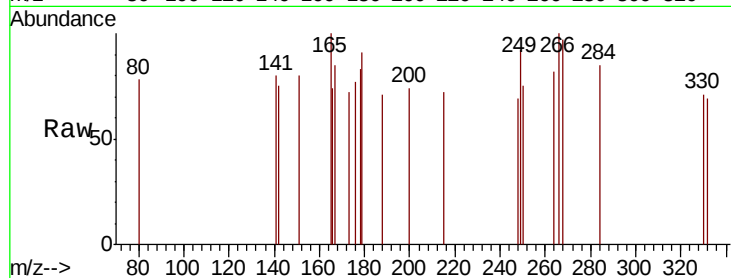




#24
 Pentachlorophenol
 Concen: 0.031 ng
 RT: 16.57 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

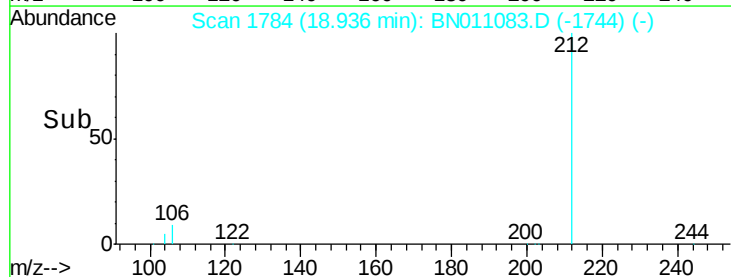
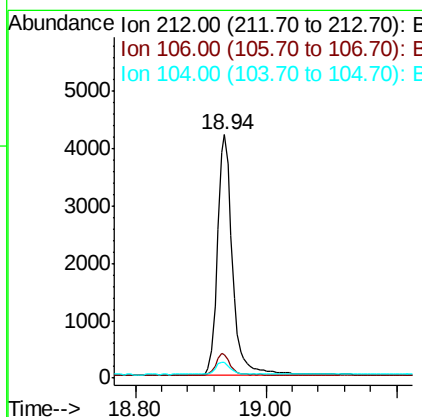
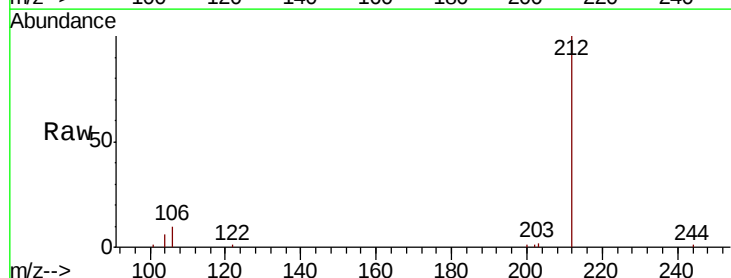
Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

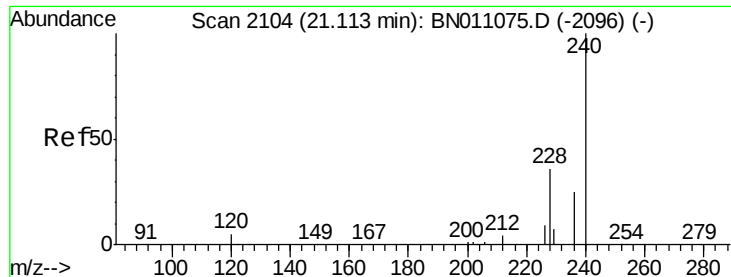
Tot Ion:266 Resp: 55
 Ion Ratio Lower Upper
 266 100
 264 49.1 47.4 71.0
 268 70.9 55.0 82.4



#27
 Fluoranthene-d10
 Concen: 0.273 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

Tgt Ion:212 Resp: 6843
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.1 10.7
 104 5.1 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: BN011083.D

Acq: 02 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

PB129884BL

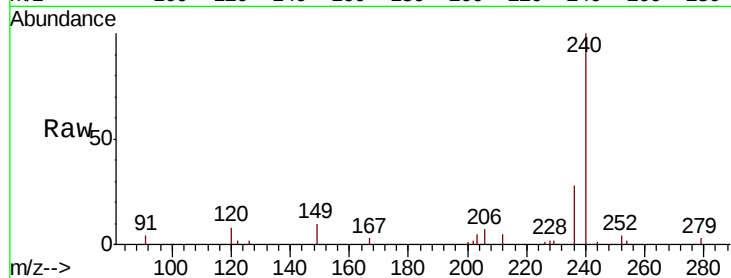
Tot Ion:240 Resp: 7200

Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

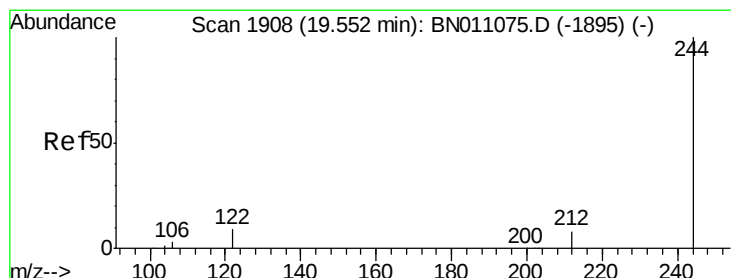
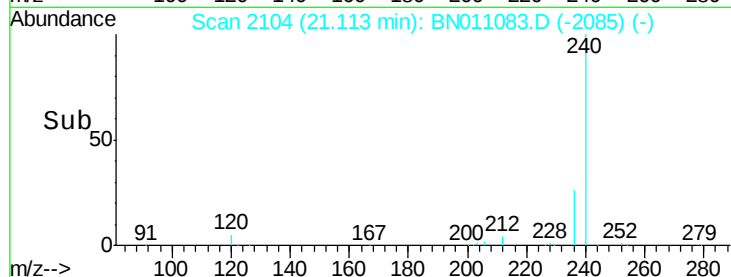
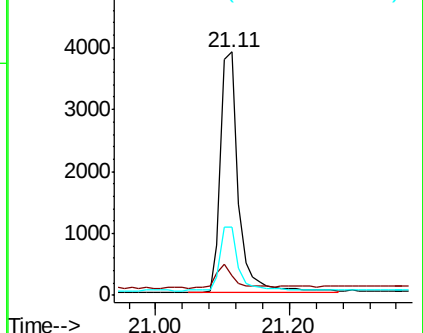
236 27.9 21.9 32.9



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: 0.409 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011083.D

Acq: 02 Jul 2020 13:22

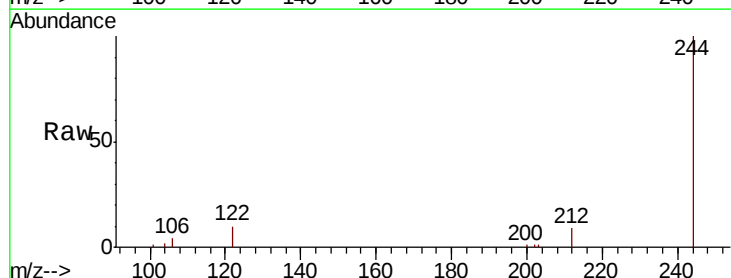
Tgt Ion:244 Resp: 7671

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

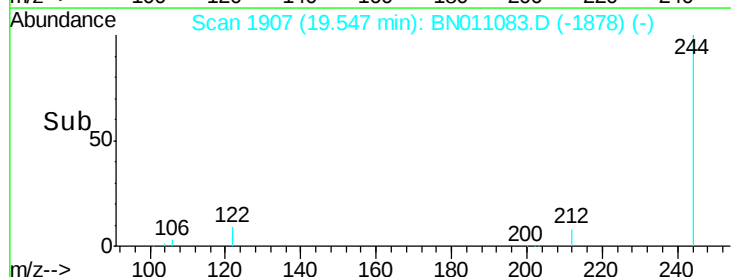
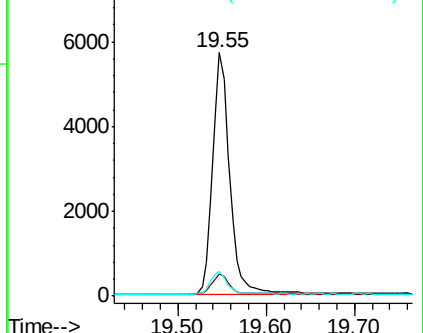
122 9.9 8.2 12.4

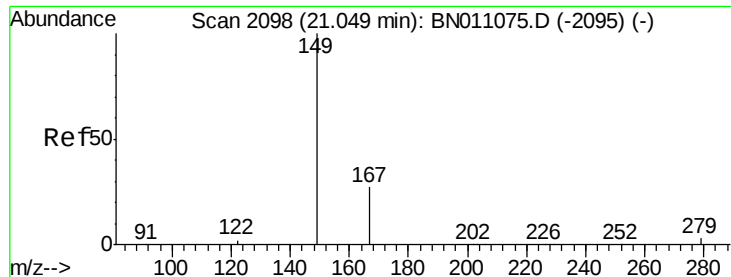


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

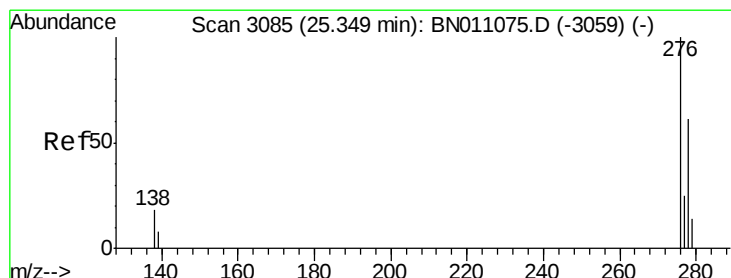
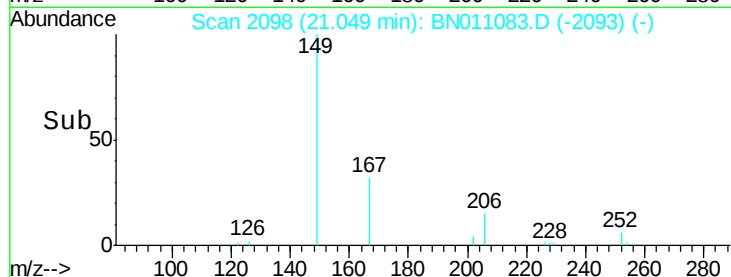
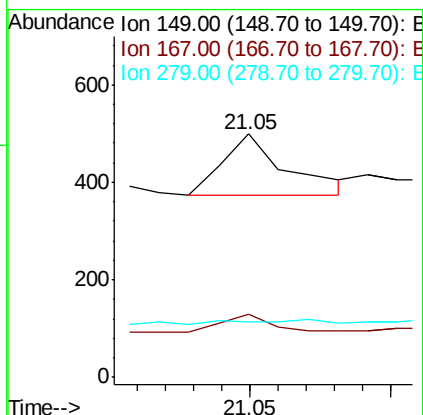
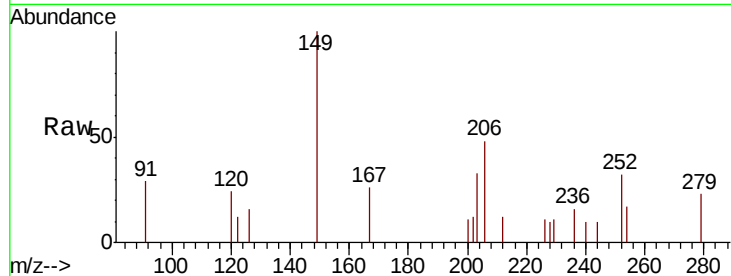




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.020 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

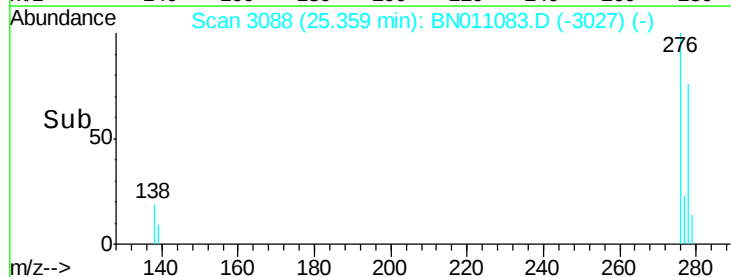
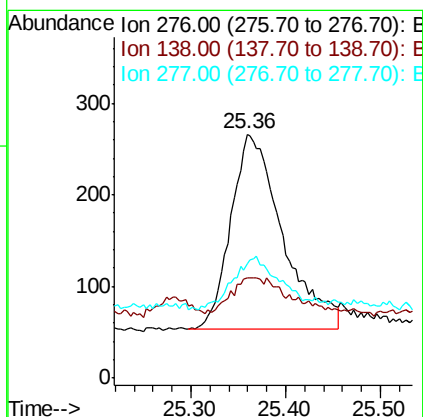
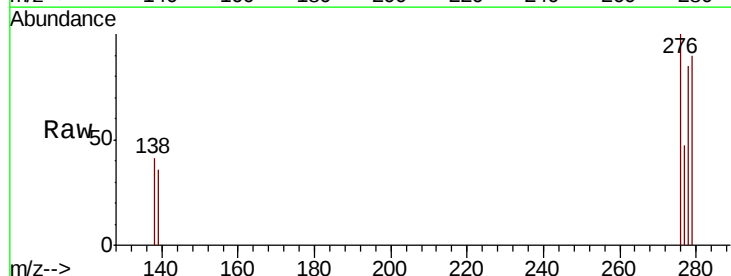
Instrument :
 BNA_N
 ClientSampleId :
 PB129884BL

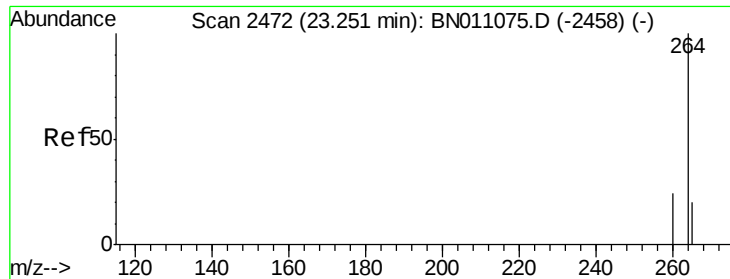
Tot Ion:149 Resp: 196
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.2 33.4
 279 0.0 4.5 6.7#



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng
 RT: 25.36 min Scan# 3088
 Delta R.T. 0.01 min
 Lab File: BN011083.D
 Acq: 02 Jul 2020 13:22

Tgt Ion:276 Resp: 811
 Ion Ratio Lower Upper
 276 100
 138 20.6 15.4 23.0
 277 24.0 19.4 29.0

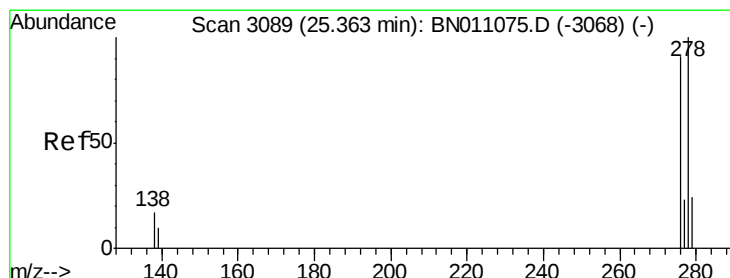
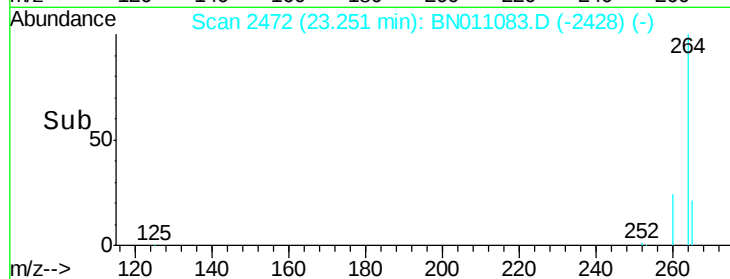
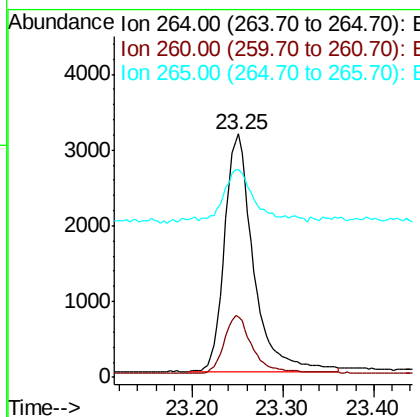
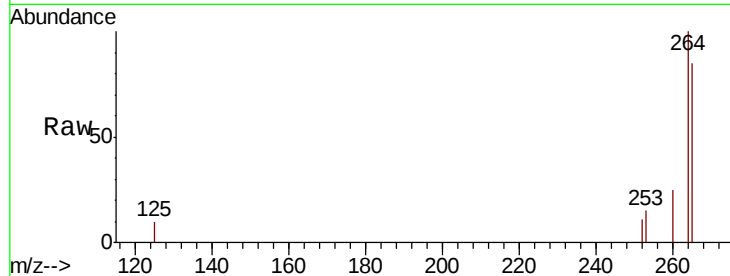




#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

Instrument :
BNA_N
ClientSampleId :
PB129884BL

Tot Ion:264 Resp: 6948
Ion Ratio Lower Upper
264 100
260 25.0 20.4 30.6
265 85.2 83.0 124.6



#40
Dibenzo(a,h)anthracene
Concen: 0.037 ng
RT: 25.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BN011083.D
Acq: 02 Jul 2020 13:22

Tgt Ion:278 Resp: 899
Ion Ratio Lower Upper
278 100
139 30.8 11.9 17.9#
279 81.5 25.5 38.3#

