

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071020\
 Data File : BN011137.D
 Acq On : 09 Jul 2020 18:02
 Operator : CG/JU
 Sample : PB130052BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Quant Time: Jul 09 18:49:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 15:33:27 2020
 Response via : Initial Calibration

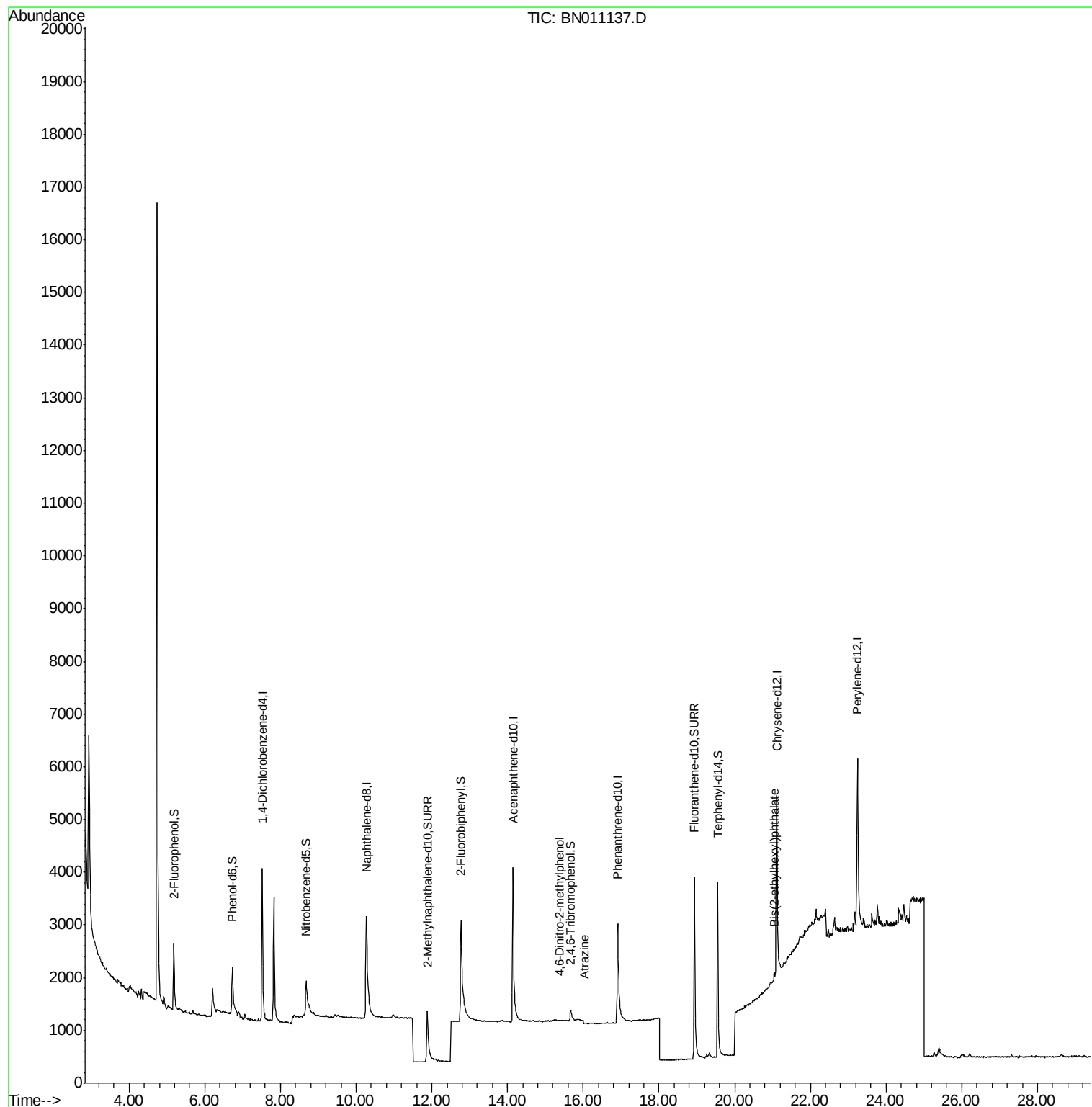
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1813	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	5481	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2964	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	5775	0.40	ng	0.02
29) Chrysene-d12	21.11	240	5286	0.40	ng	0.01
36) Perylene-d12	23.24	264	5607	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1489	0.33	ng	0.00
5) Phenol-d6	6.73	99	1726	0.33	ng	0.00
8) Nitrobenzene-d5	8.68	82	1455	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	2901	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	356	0.29	ng	0.03
15) 2-Fluorobiphenyl	12.77	172	3555	0.25	ng	0.03
27) Fluoranthene-d10	18.94	212	6131	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	4893	0.36	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.36	198	5	0.097	ng	# 40
23) Atrazine	16.03	200	202	0.074	ng	# 10
34) Bis(2-ethylhexyl)phthalate	21.05	149	182	0.025	ng	# 86

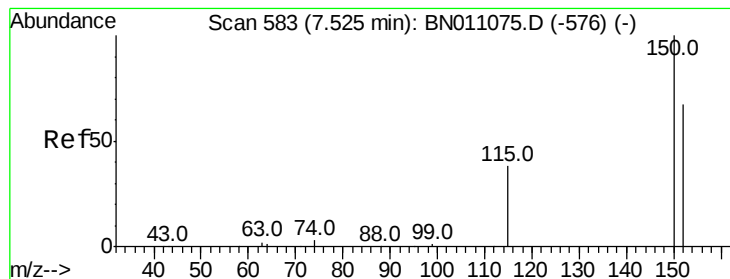
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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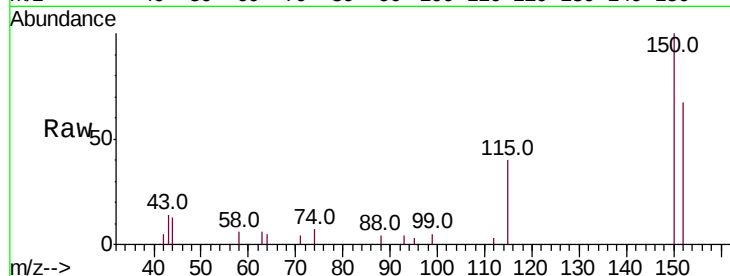


#1

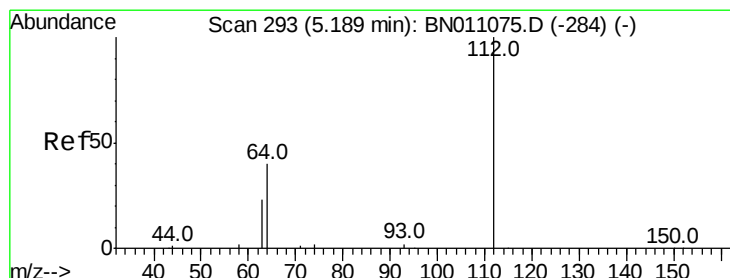
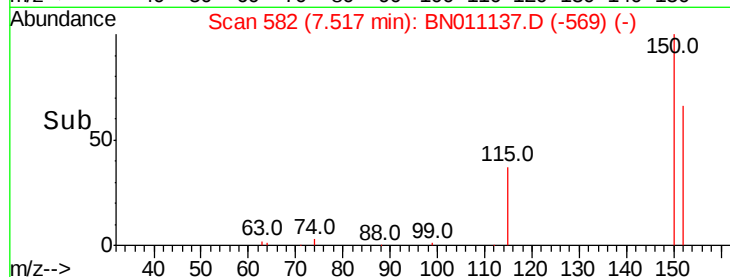
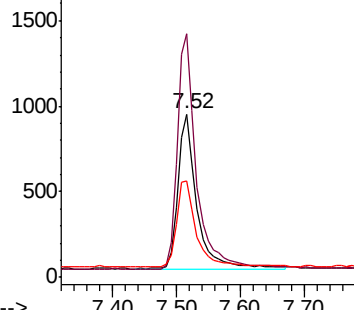
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

Instrument :
BNA_N
ClientSampleId :
PB130052BL

Tot Ion:152 Resp: 1813
Ion Ratio Lower Upper
152 100
150 149.0 117.4 176.0
115 59.1 47.9 71.9



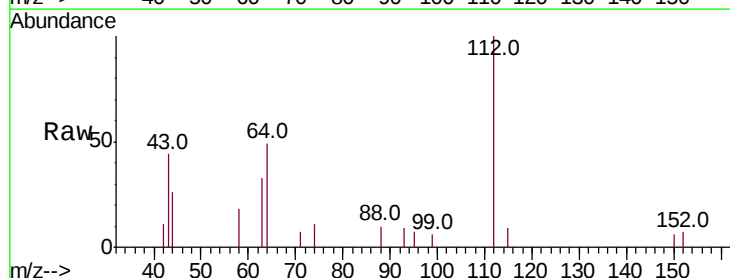
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



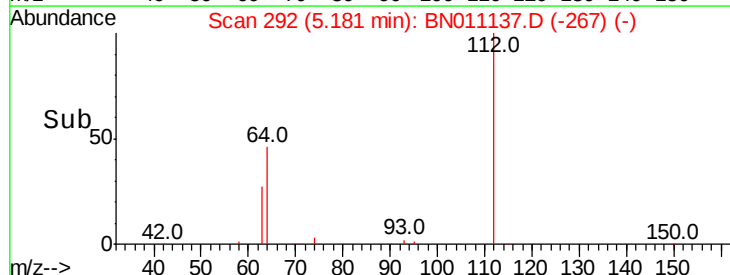
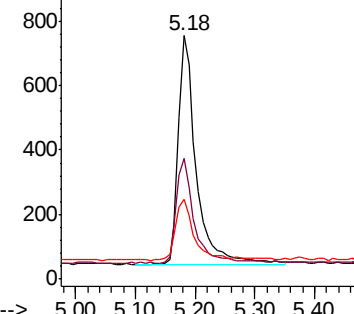
#4

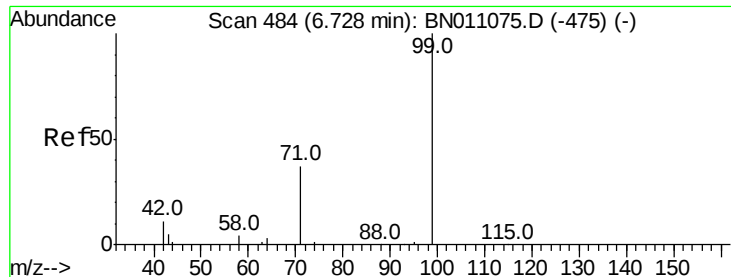
2-Fluorophenol
Concen: 0.330 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

Tgt Ion:112 Resp: 1489
Ion Ratio Lower Upper
112 100
64 44.3 36.5 54.7
63 27.1 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: 0.333 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

Instrument :

BNA_N

ClientSampleId :

PB130052BL

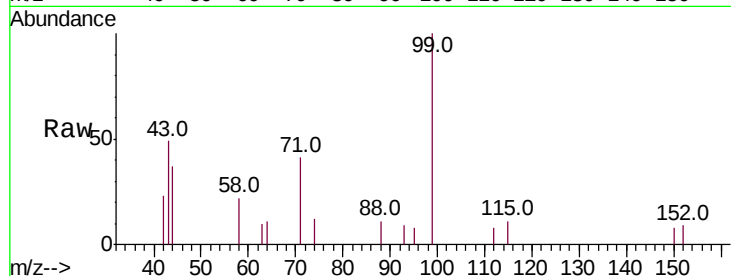
Tot Ion: 99 Resp: 1726

Ion Ratio Lower Upper

99 100

42 11.5 9.8 14.8

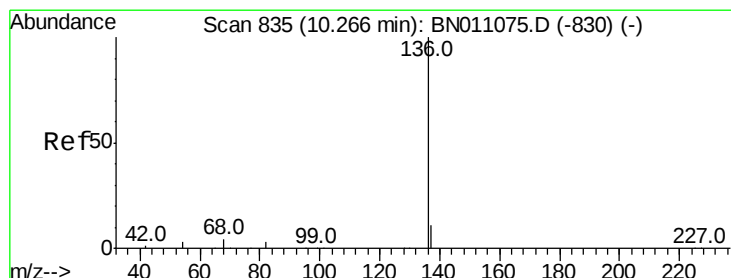
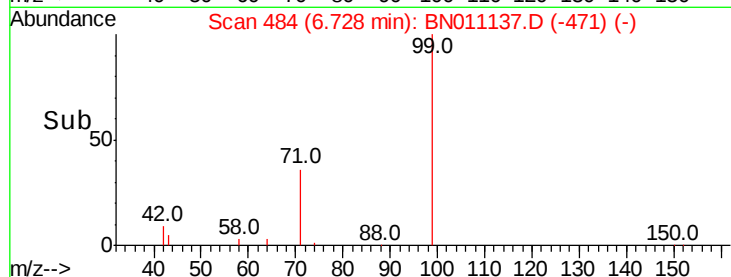
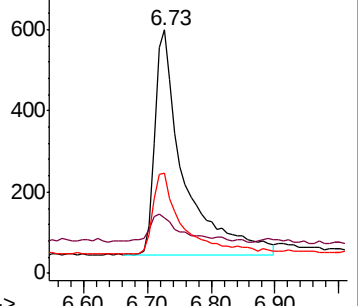
71 36.3 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011137.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011137.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011137.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.03 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

Tgt Ion: 136 Resp: 5481

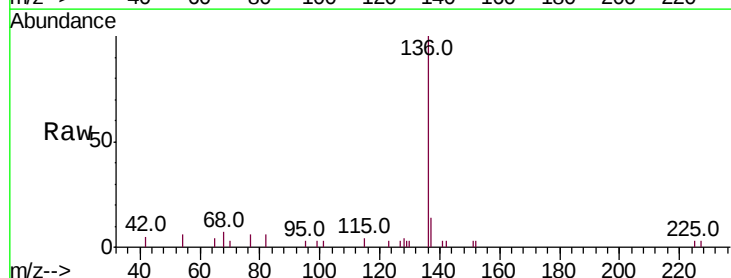
Ion Ratio Lower Upper

136 100

137 13.9 9.6 14.4

54 6.4 3.8 5.6#

68 7.0 4.3 6.5#

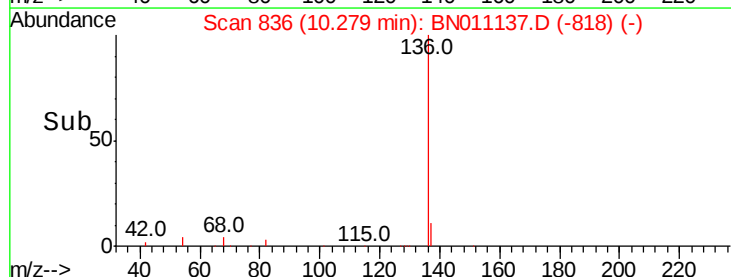
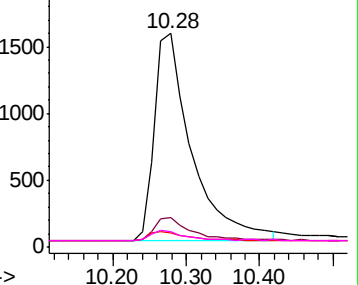


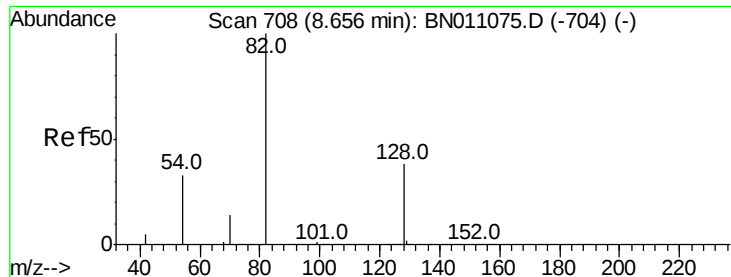
Abundance Ion 136.00 (135.70 to 136.70): BN011137.D (-818) (-)

Ion 137.00 (136.70 to 137.70): BN011137.D (-818) (-)

Ion 54.00 (53.70 to 54.70): BN011137.D (-818) (-)

Ion 68.00 (67.70 to 68.70): BN011137.D (-818) (-)





#8

Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

Instrument :

BNA_N

ClientSampleId :

PB130052BL

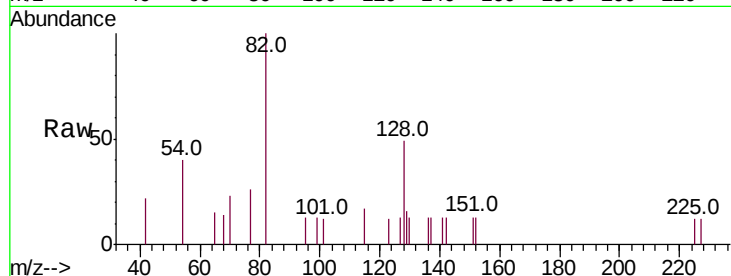
Tot Ion: 82 Resp: 1455

Ion Ratio Lower Upper

82 100

128 49.2 34.2 51.2

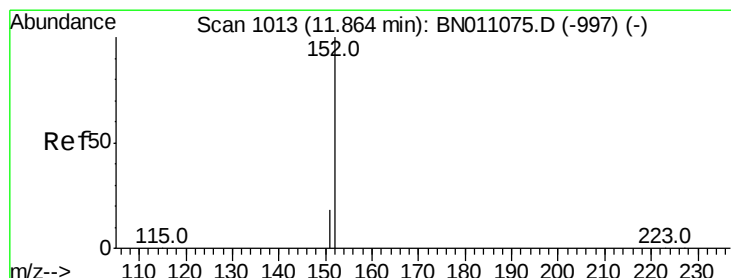
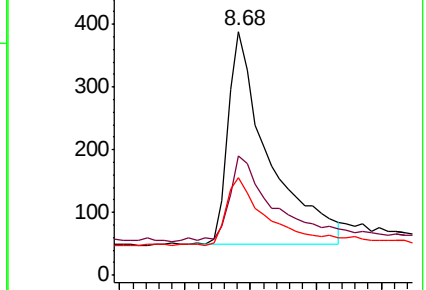
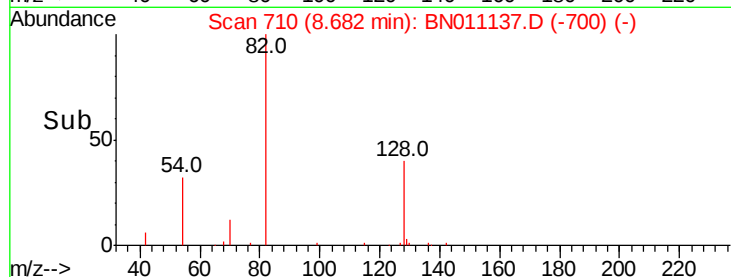
54 40.2 29.4 44.0



Abundance Ion 82.00 (81.70 to 82.70): BN011137.D (-700) (-)

Ion 128.00 (127.70 to 128.70): BN011137.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011137.D (-700) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.02 min

Lab File: BN011137.D

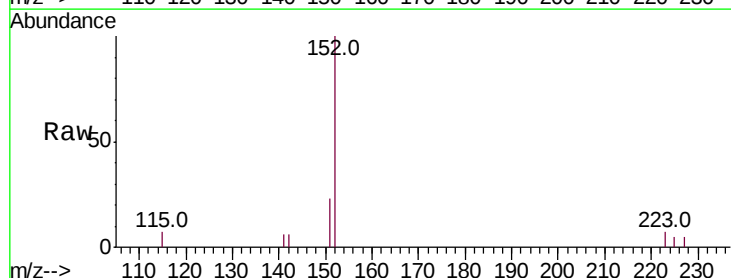
Acq: 09 Jul 2020 18:02

Tgt Ion: 152 Resp: 2901

Ion Ratio Lower Upper

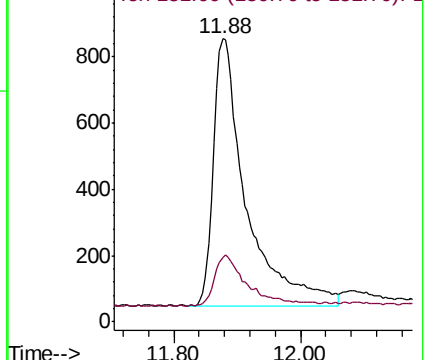
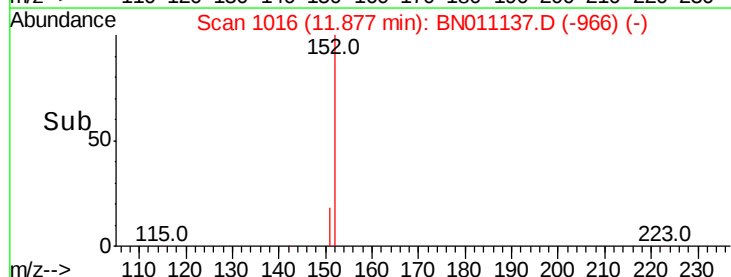
152 100

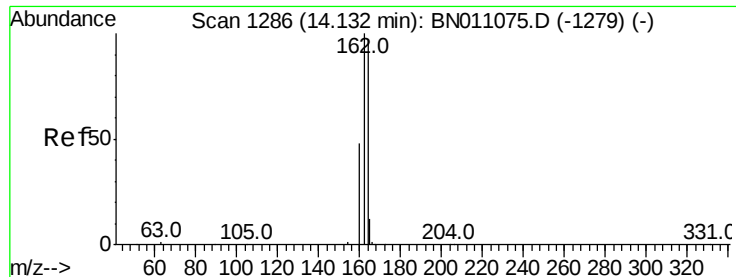
151 18.7 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): BN011137.D (-966) (-)

Ion 151.00 (150.70 to 151.70): BN011137.D (-966) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

Instrument :

BNA_N

ClientSampleId :

PB130052BL

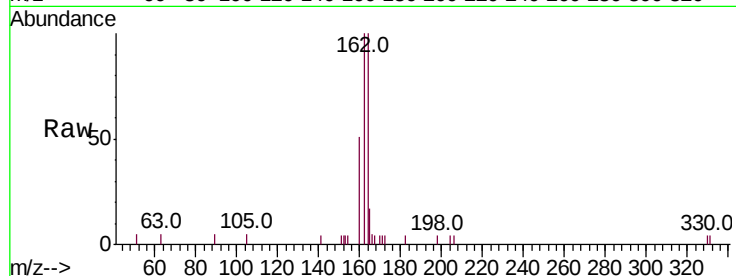
Tot Ion:164 Resp: 2964

Ion Ratio Lower Upper

164 100

162 100.2 82.3 123.5

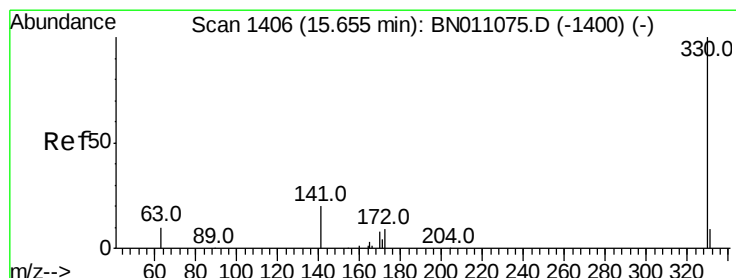
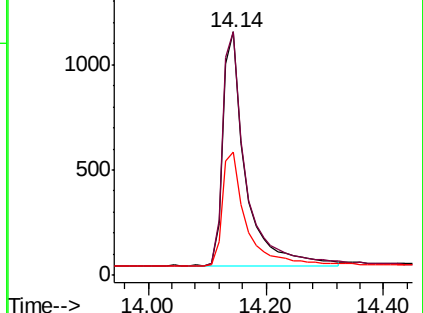
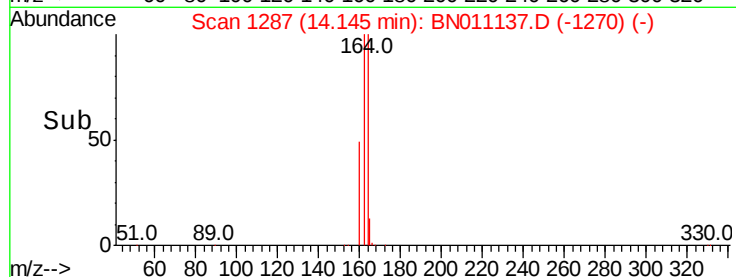
160 50.9 40.6 61.0



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: 0.286 ng

RT: 15.67 min Scan# 1407

Delta R.T. 0.03 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

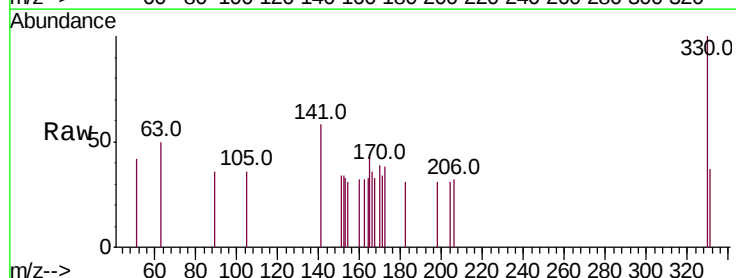
Tgt Ion:330 Resp: 356

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

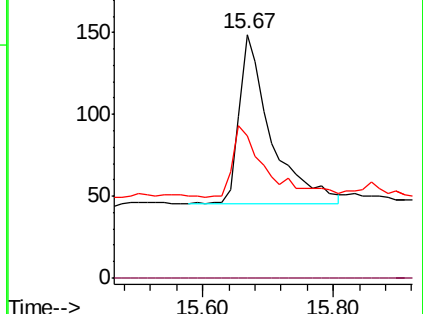
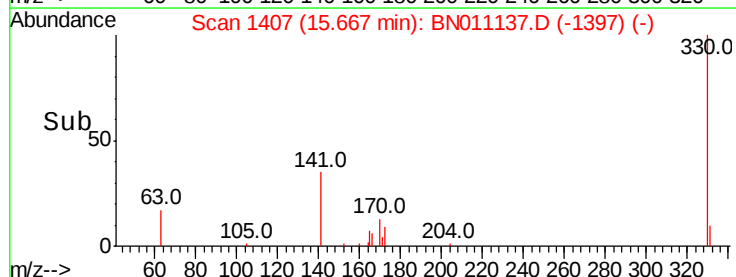
141 44.9 32.6 49.0

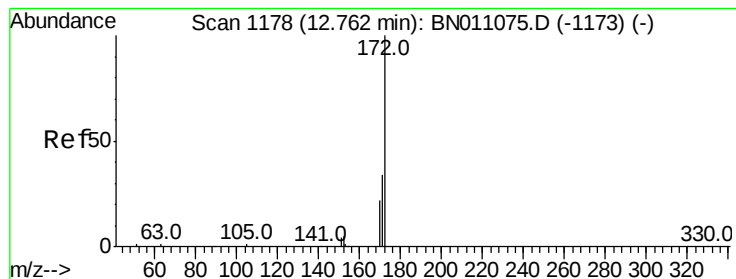


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

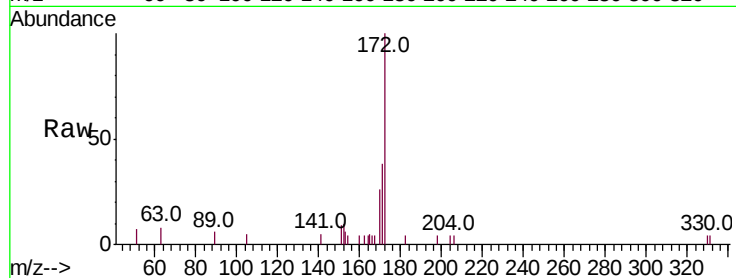




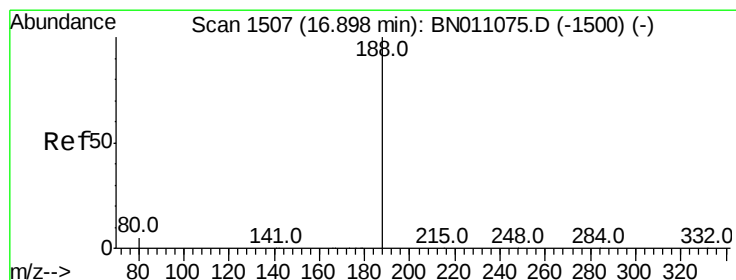
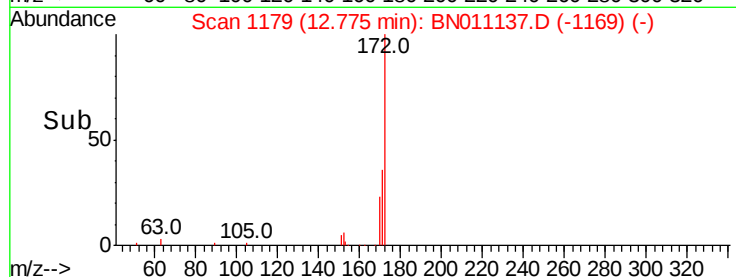
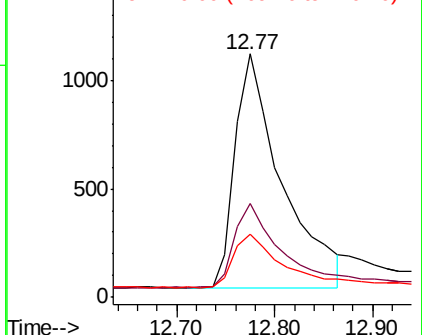
#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

Instrument :
BNA_N
ClientSampled :
PB130052BL

Tot Ion:172 Resp: 3555
Ion Ratio Lower Upper
172 100
171 38.3 27.9 41.9
170 26.0 18.7 28.1

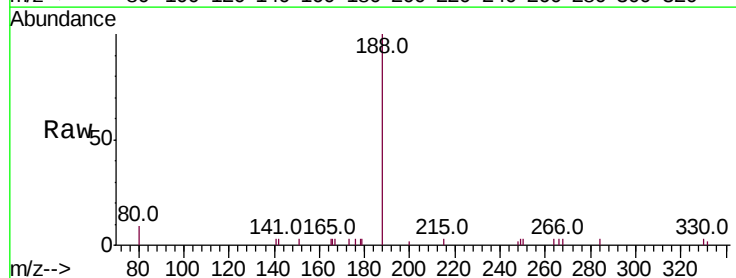


Abundance Ion 172.00 (171.70 to 172.70): E
1500 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

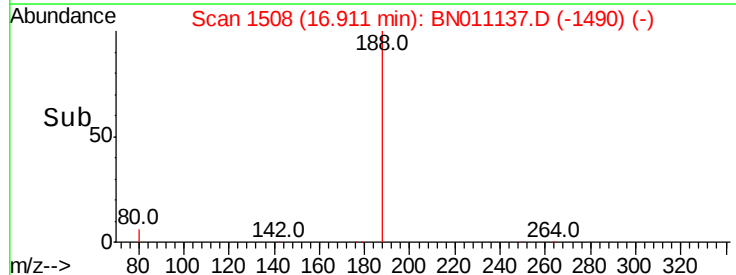
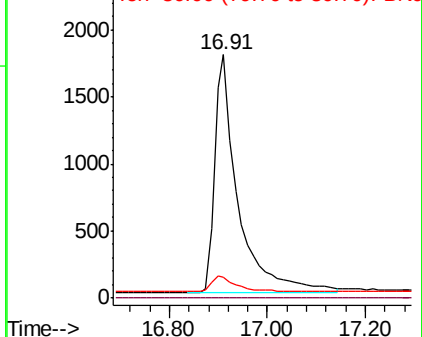


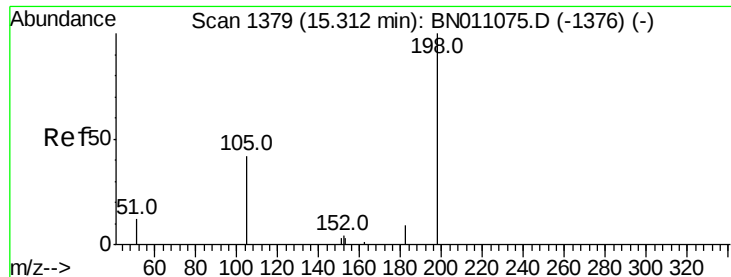
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

Tgt Ion:188 Resp: 5775
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E
2500 Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

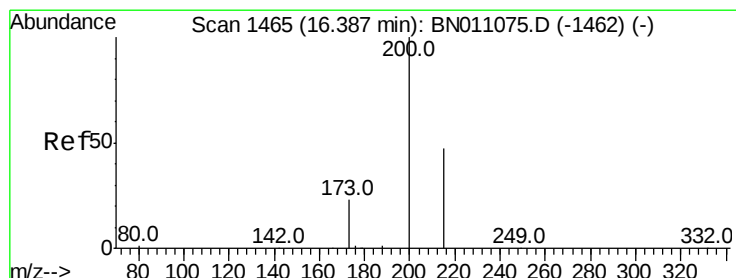
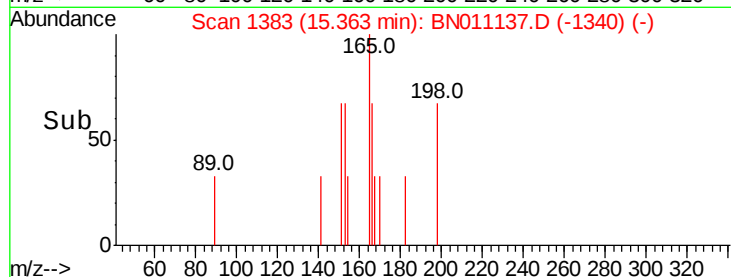
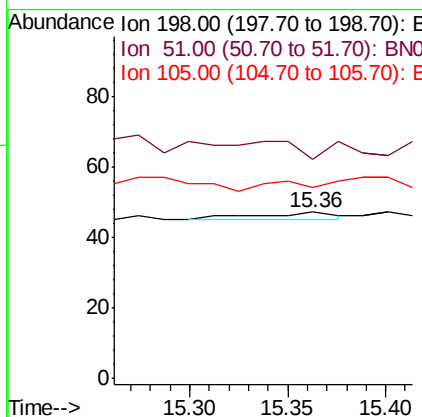
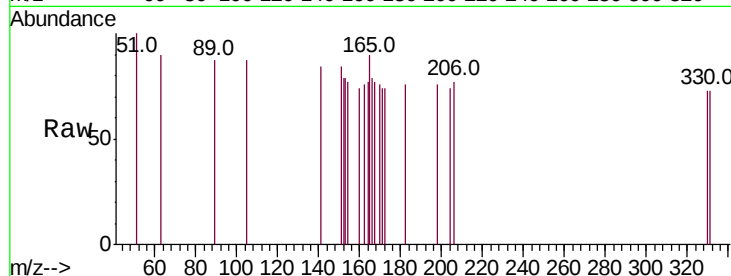




#20
4,6-Dinitro-2-methylphenol
Concen: 0.097 ng
RT: 15.36 min Scan# 1383
Delta R.T. 0.05 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

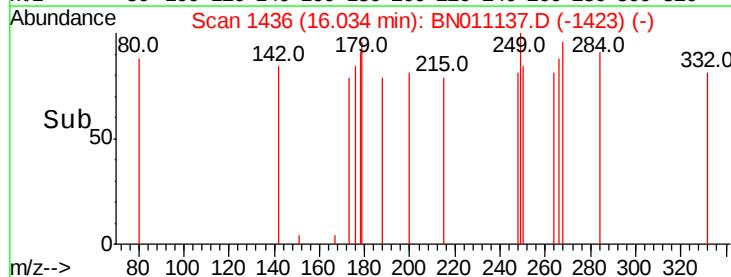
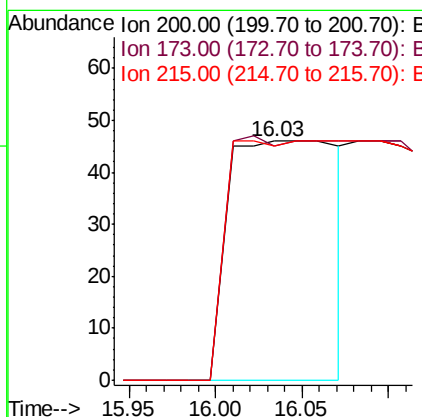
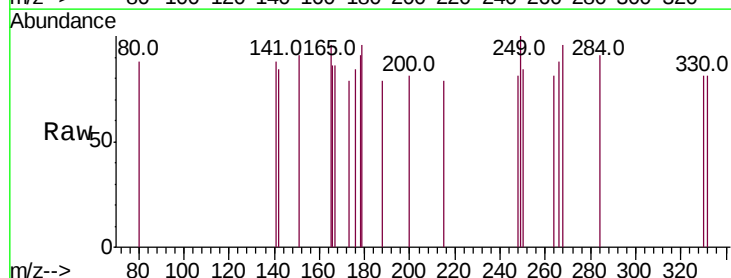
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BNA_N
ClientSampleId :
PB130052BL

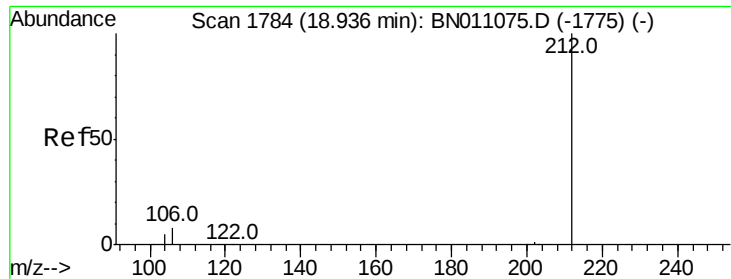
Tot Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 131.9 58.2 87.4#
105 114.9 59.0 88.4#



#23
Atrazine
Concen: 0.074 ng
RT: 16.03 min Scan# 1436
Delta R.T. -0.34 min
Lab File: BN011137.D
Acq: 09 Jul 2020 18:02

Tgt Ion:200 Resp: 202
Ion Ratio Lower Upper
200 100
173 97.8 22.8 34.2#
215 97.8 40.7 61.1#

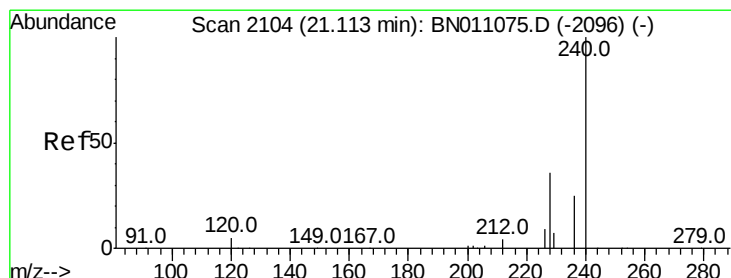
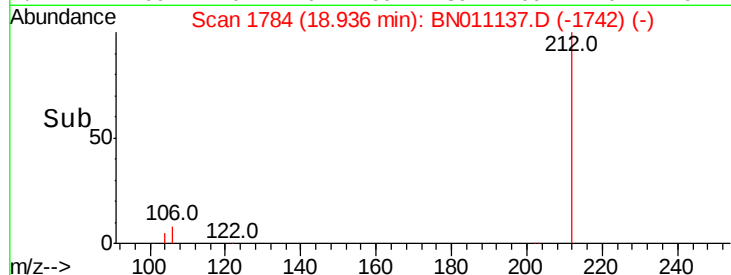
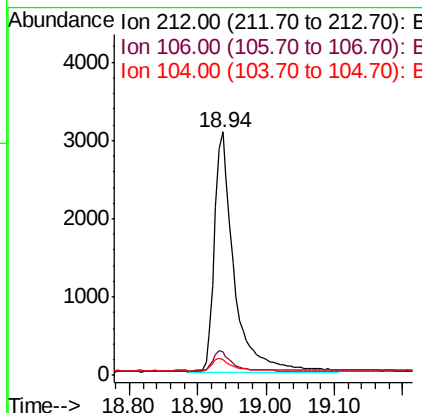
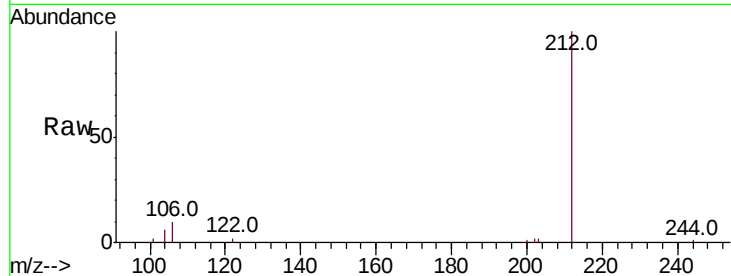




#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BN011137.D
 Acq: 09 Jul 2020 18:02

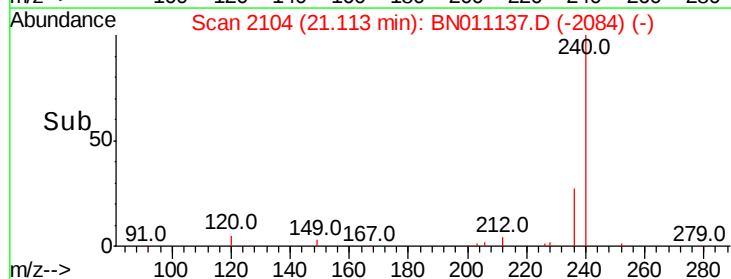
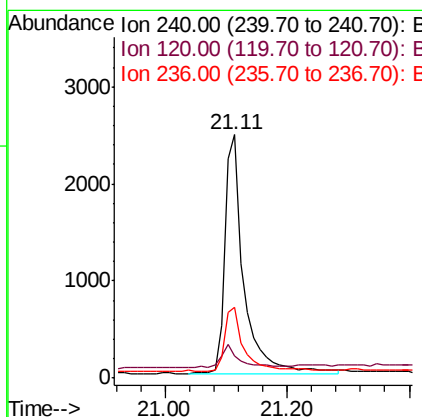
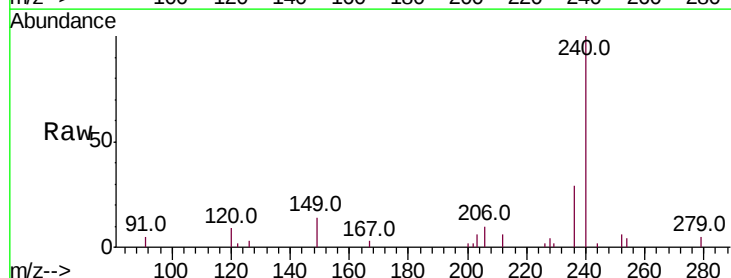
Instrument :
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 ClientSampleId :
 PB130052BL

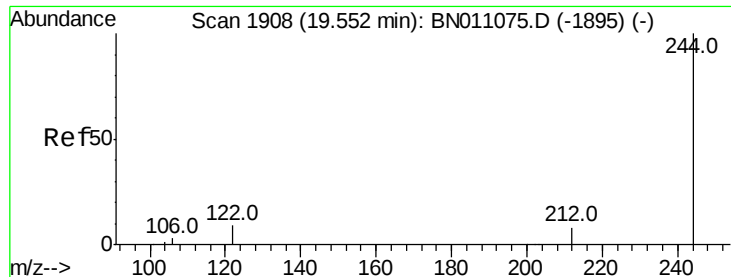
Tot Ion:212 Resp: 6131
 Ion Ratio Lower Upper
 212 100
 106 8.8 7.1 10.7
 104 5.1 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BN011137.D
 Acq: 09 Jul 2020 18:02

Tgt Ion:240 Resp: 5286
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.5 9.7
 236 29.0 21.9 32.9





#31

Terphenyl-d14

Concen: 0.356 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

Instrument :

BNA_N

ClientSampleId :

PB130052BL

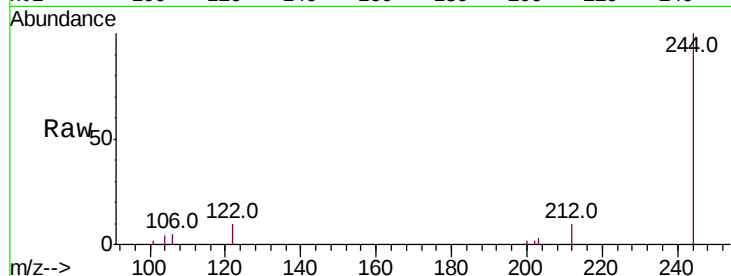
Tot Ion:244 Resp: 4893

Ion Ratio Lower Upper

244 100

212 9.8 7.5 11.3

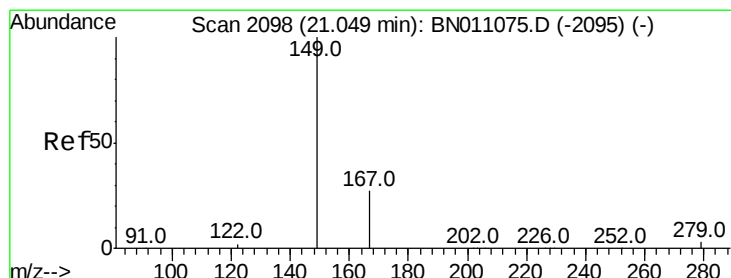
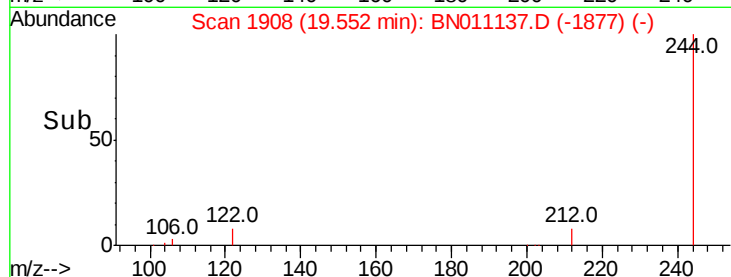
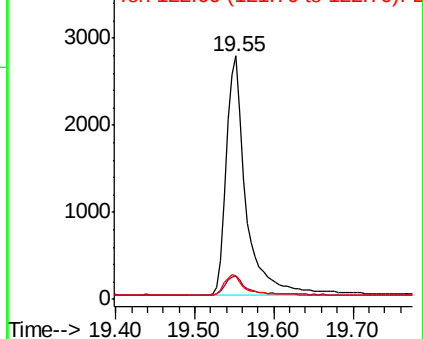
122 9.6 8.2 12.4



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: 0.025 ng

RT: 21.05 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BN011137.D

Acq: 09 Jul 2020 18:02

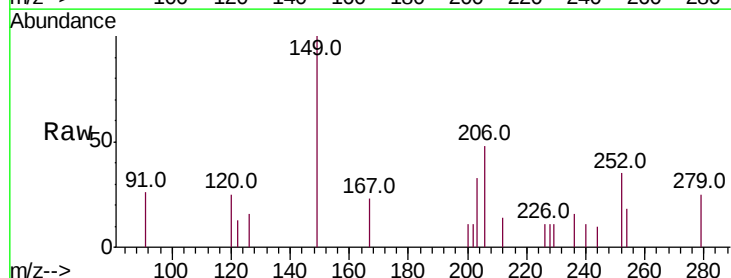
Tgt Ion:149 Resp: 182

Ion Ratio Lower Upper

149 100

167 19.8 22.2 33.4#

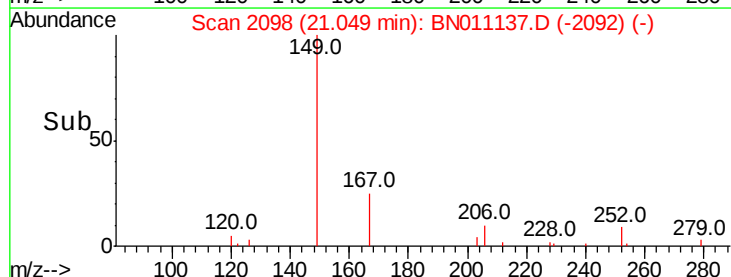
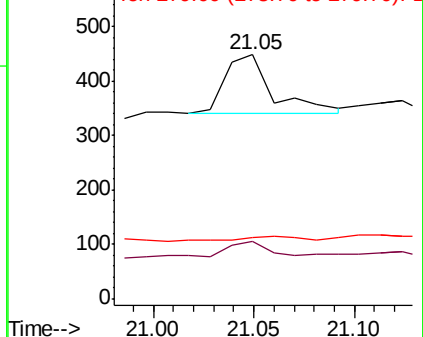
279 7.1 4.5 6.7#

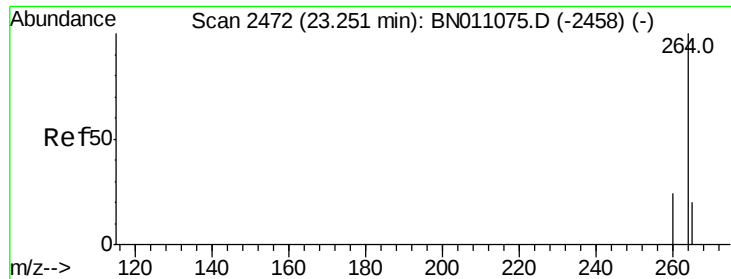


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BN011137.D
 Acq: 09 Jul 2020 18:02

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Tot Ion: 264 Resp: 5607
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.4 30.6
 265 100.0 83.0 124.6

