

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071420\
 Data File : BN011161.D
 Acq On : 14 Jul 2020 16:16
 Operator : CG/JU
 Sample : PB130052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Quant Time: Jul 14 17:23:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 15:08:13 2020
 Response via : Initial Calibration

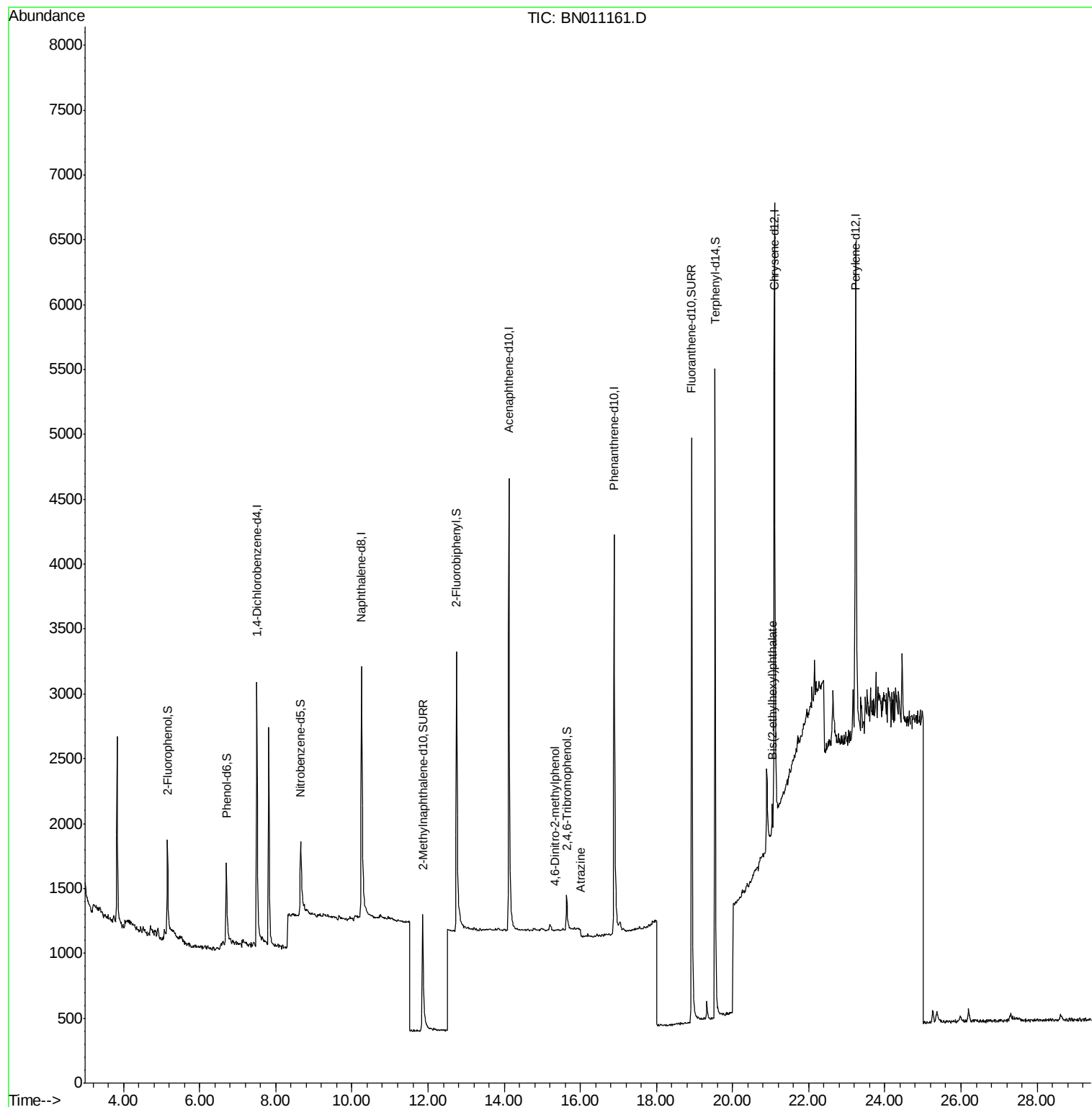
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1223	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	4114	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2472	0.40	ng	0.00
19) Phenanthrene-d10	16.88	188	6085	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5938	0.40	ng	0.00
36) Perylene-d12	23.23	264	5916	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	815	0.27	ng	0.00
5) Phenol-d6	6.70	99	892	0.26	ng	0.00
8) Nitrobenzene-d5	8.65	82	1026	0.28	ng	0.02
11) 2-Methylnaphthalene-d10	11.86	152	2003	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	305	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	2980	0.26	ng	0.00
27) Fluoranthene-d10	18.92	212	7033	0.37	ng	0.00
31) Terphenyl-d14	19.54	244	5828	0.38	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.32	198	2	0.135	ng	# 14
23) Atrazine	16.02	200	169	0.058	ng	# 10
34) Bis(2-ethylhexyl)phthalate	21.04	149	224	0.028	ng	# 96
35) Indeno(1,2,3-cd)pyrene	25.35	276	128	Below Cal		# 62

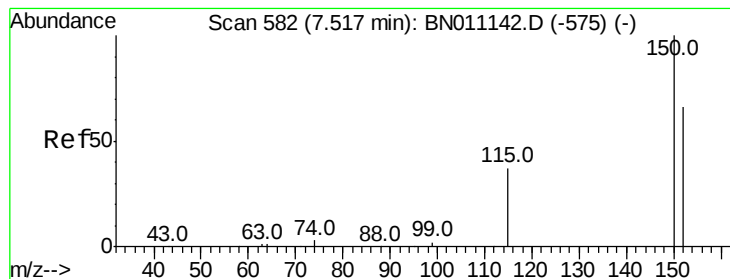
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
Response via : Initial Calibration



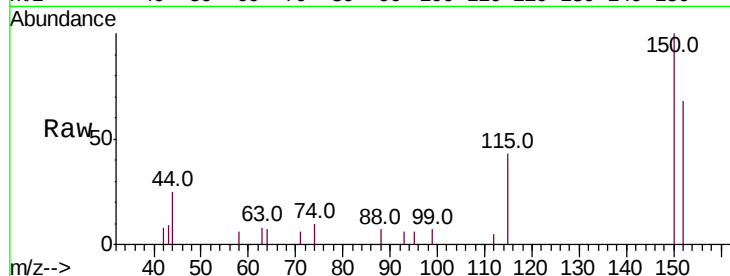


#1

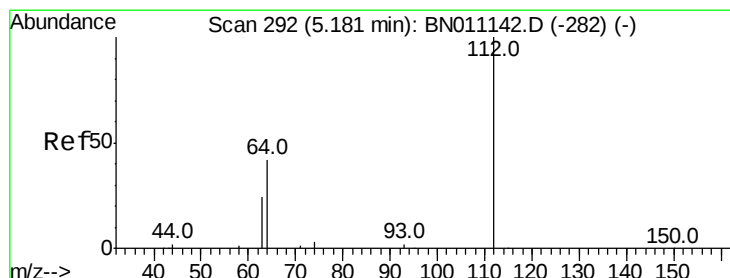
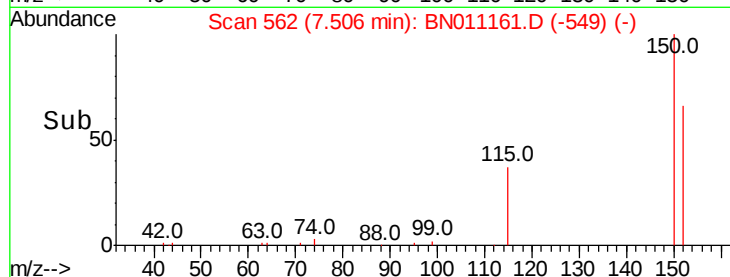
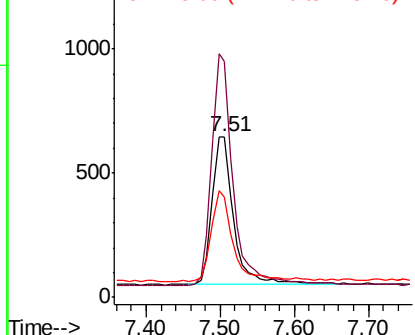
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 562
Delta R.T. 0.01 min
Lab File: BN011161.D
Acq: 14 Jul 2020 16:16

Instrument :
BNA_N
ClientSampleId :
PB130052BL

Tot Ion:152 Resp: 1223
Ion Ratio Lower Upper
152 100
150 146.7 119.4 179.0
115 62.4 48.3 72.5



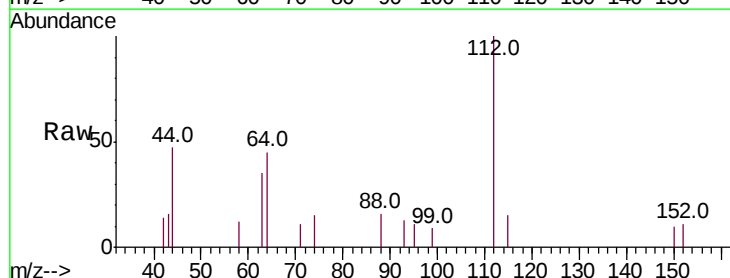
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



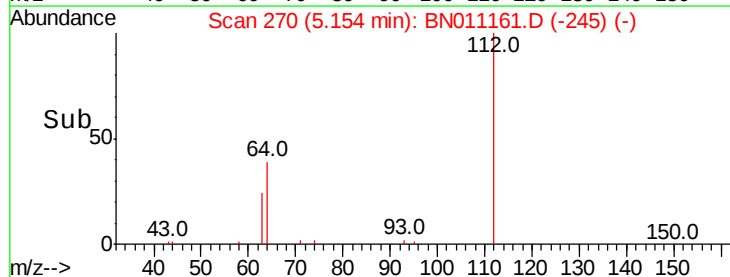
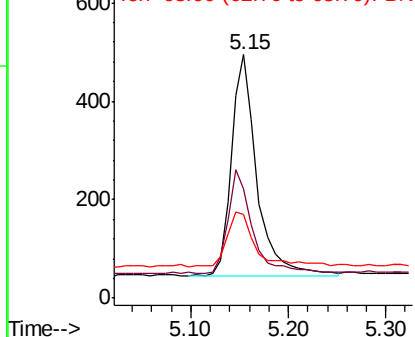
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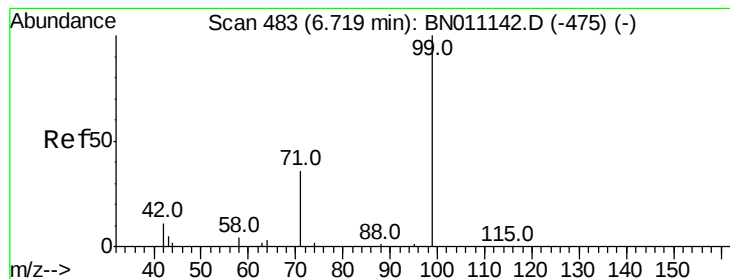
2-Fluorophenol
Concen: 0.270 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011161.D
Acq: 14 Jul 2020 16:16

Tgt Ion:112 Resp: 815
Ion Ratio Lower Upper
112 100
64 46.1 36.7 55.1
63 28.7 20.4 30.6



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: 0.262 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Instrument :

BNA_N

ClientSampled :

PB130052BL

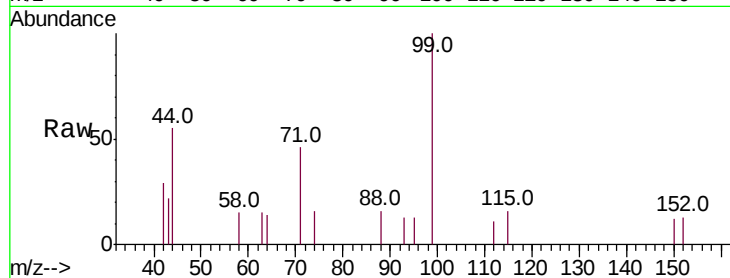
Tot Ion: 99 Resp: 892

Ion Ratio Lower Upper

99 100

42 14.0 10.8 16.2

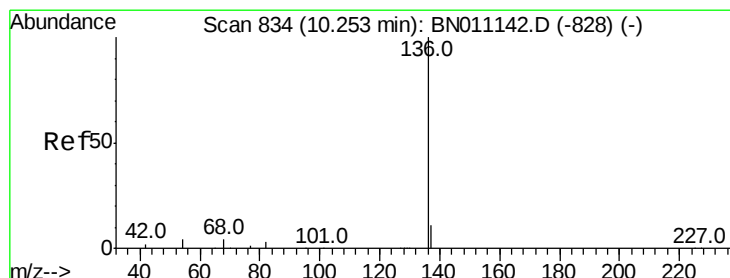
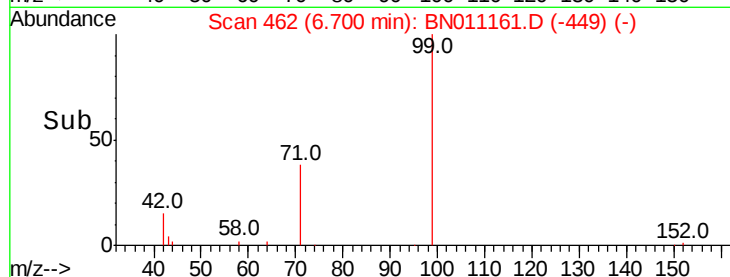
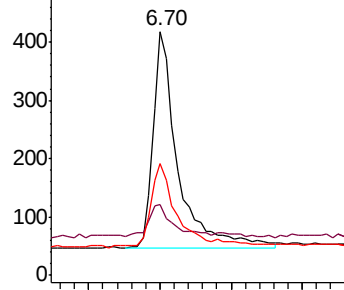
71 36.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 815

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Tgt Ion:136 Resp: 4114

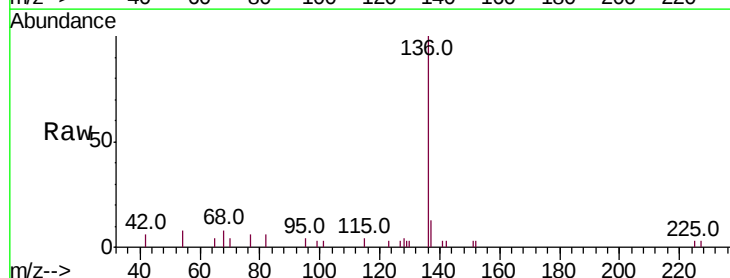
Ion Ratio Lower Upper

136 100

137 13.3 10.3 15.5

54 7.6 4.9 7.3#

68 7.5 4.9 7.3#

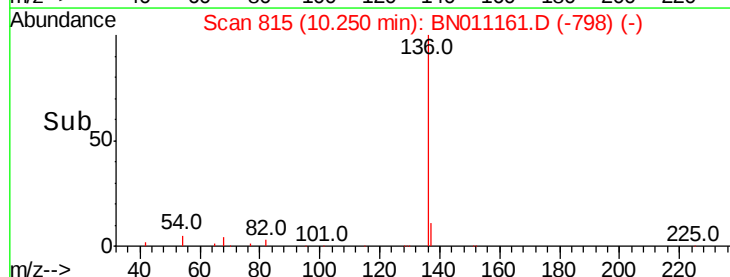
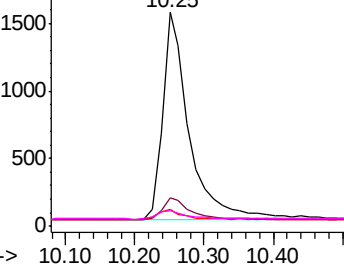


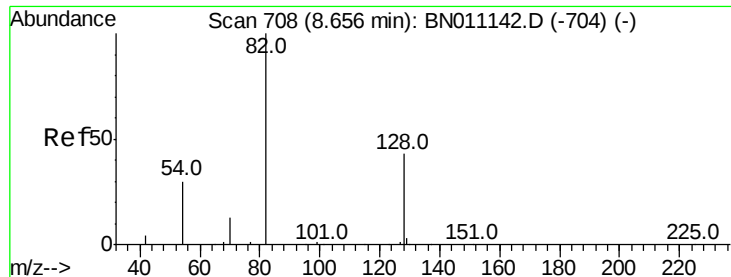
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

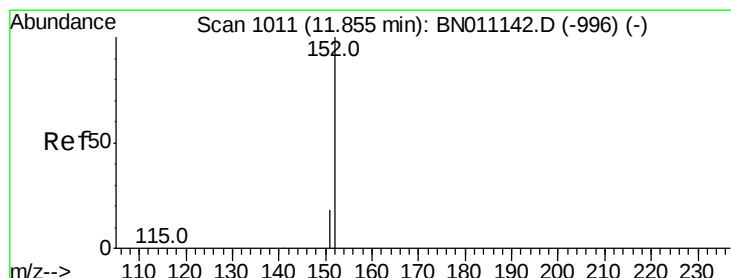
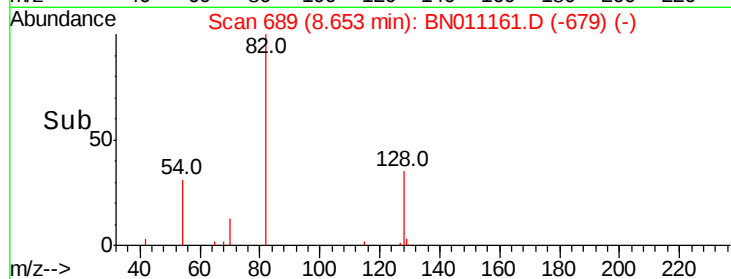
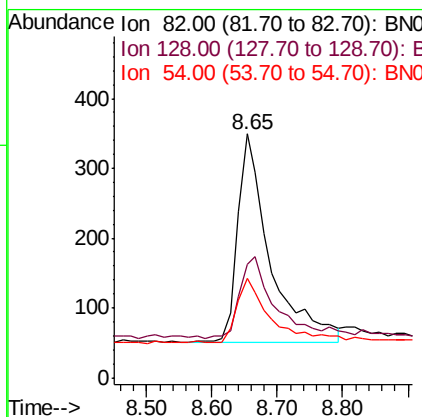
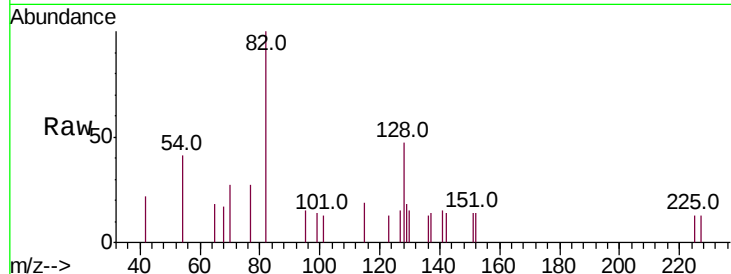




#8
 Nitrobenzene-d5
 Concen: 0.281 ng
 RT: 8.65 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: BN011161.D
 Acq: 14 Jul 2020 16:16

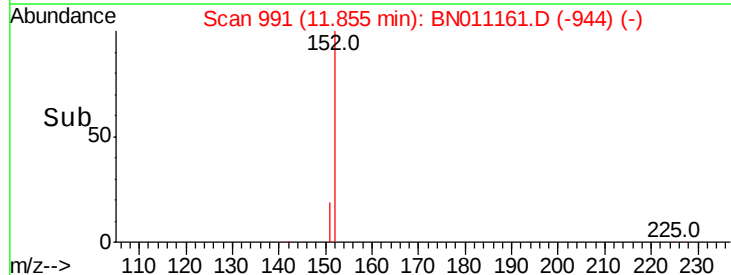
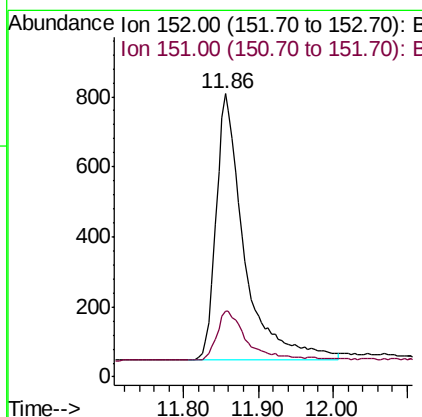
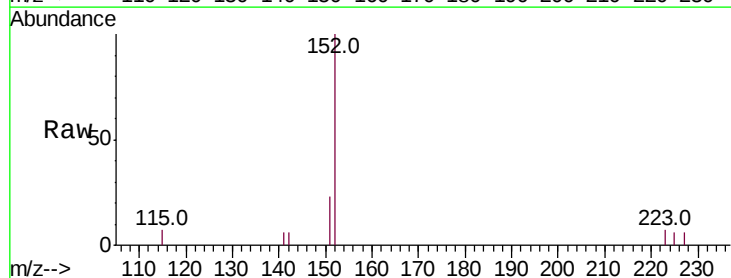
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

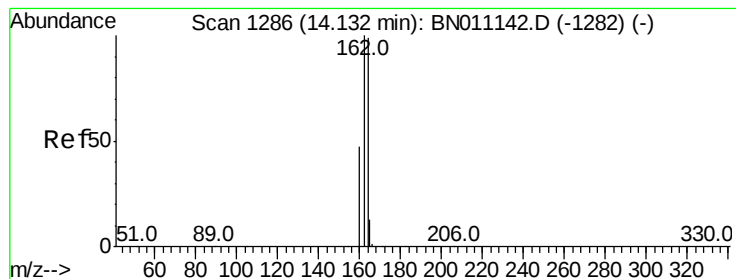
Tot Ion: 82 Resp: 1026
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.1 57.1
 54 40.7 27.1 40.7#



#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 11.86 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BN011161.D
 Acq: 14 Jul 2020 16:16

Tgt Ion: 152 Resp: 2003
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB130052BL

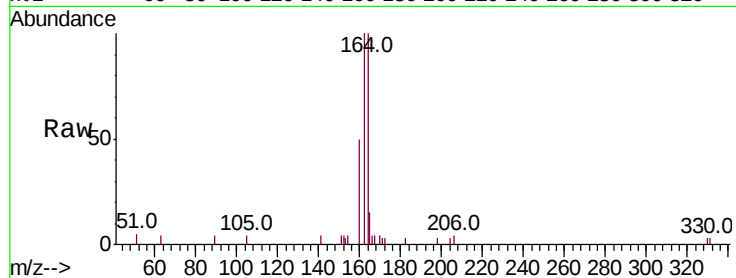
Tot Ion:164 Resp: 2472

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

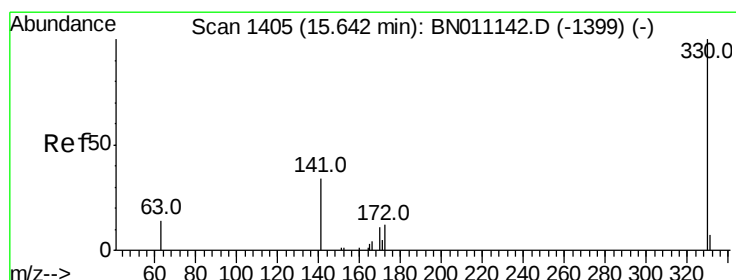
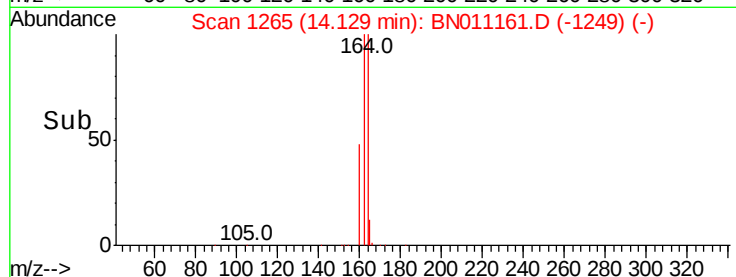
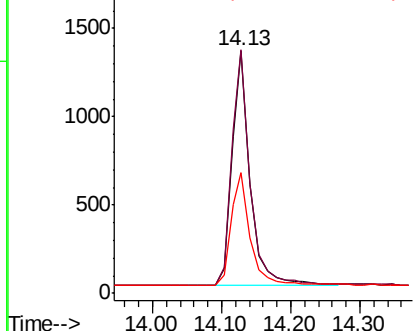
160 50.0 39.0 58.6



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: 0.278 ng

RT: 15.64 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

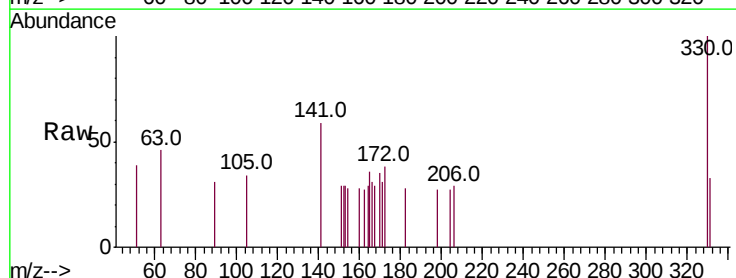
Tgt Ion:330 Resp: 305

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

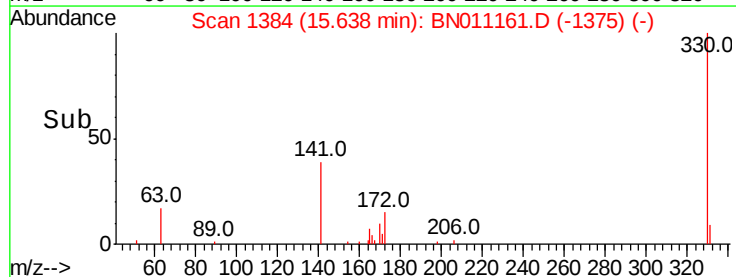
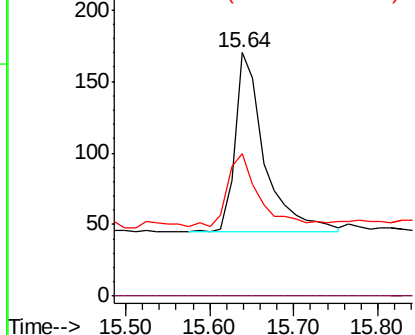
141 43.3 31.5 47.3

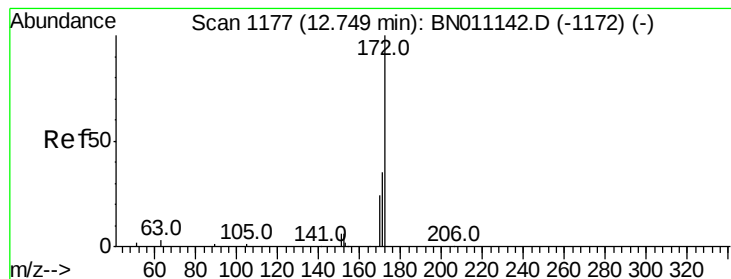


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.257 ng

RT: 12.75 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB130052BL

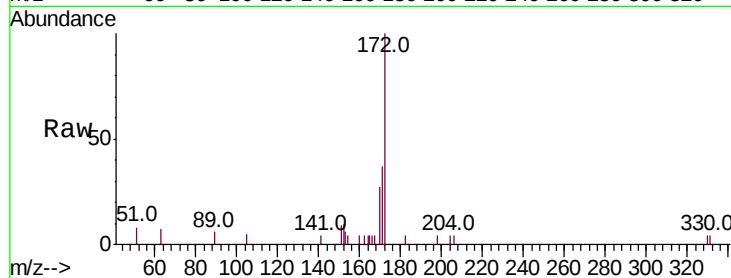
Tot Ion:172 Resp: 2980

Ion Ratio Lower Upper

172 100

171 37.3 29.0 43.6

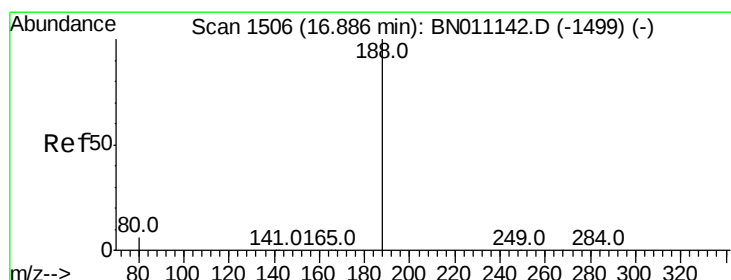
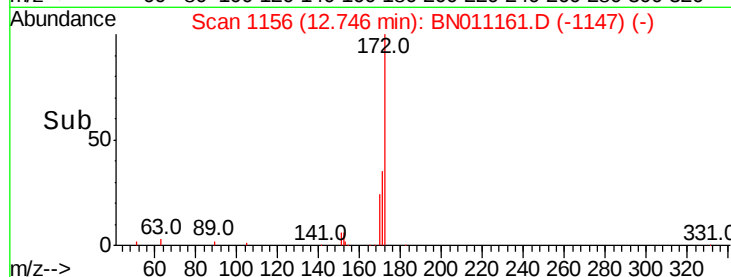
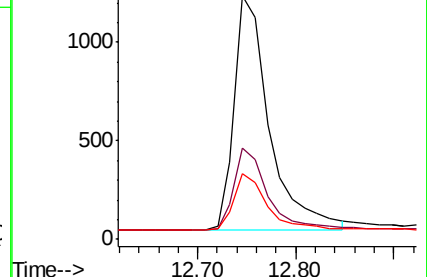
170 26.9 20.3 30.5



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: 16.88 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

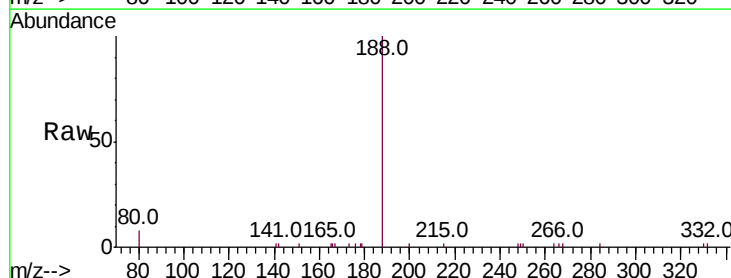
Tgt Ion:188 Resp: 6085

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

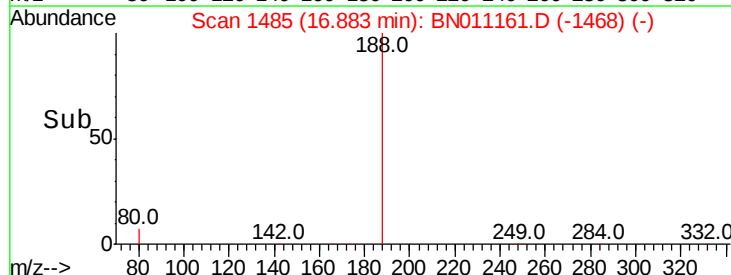
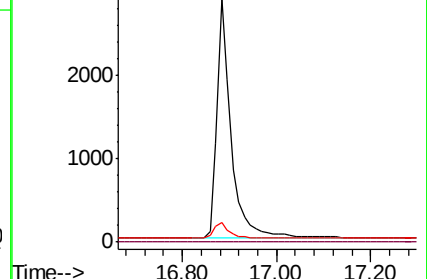
80 8.2 6.3 9.5

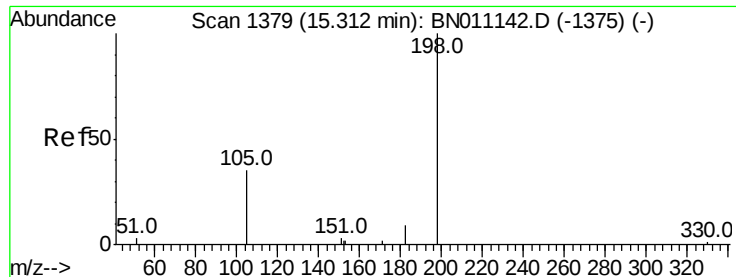


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

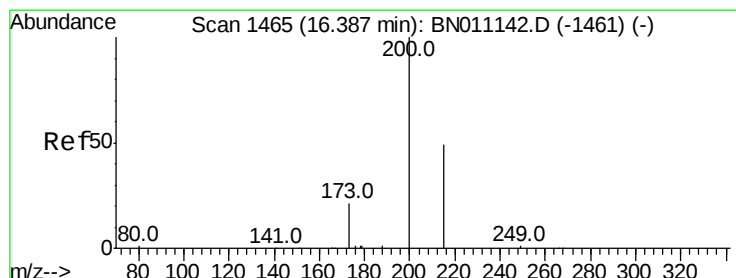
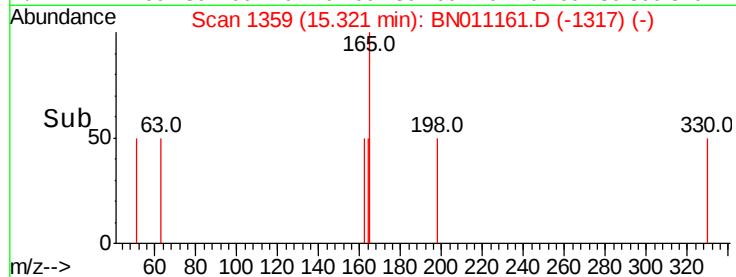
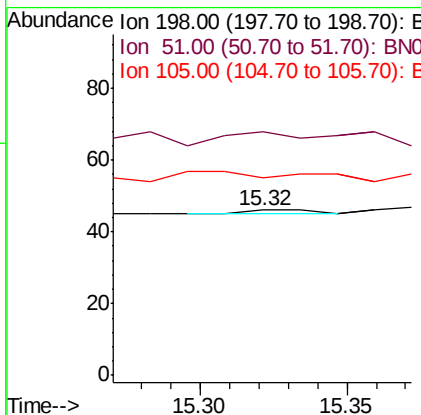
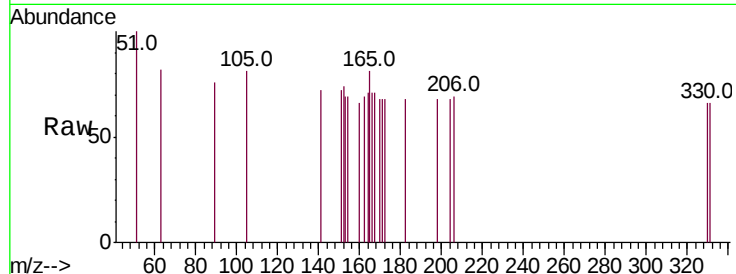




#20
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng
RT: 15.32 min Scan# 1359
Delta R.T. 0.03 min
Lab File: BN011161.D
Acq: 14 Jul 2020 16:16

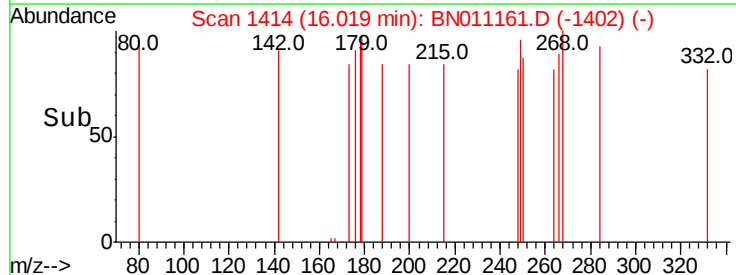
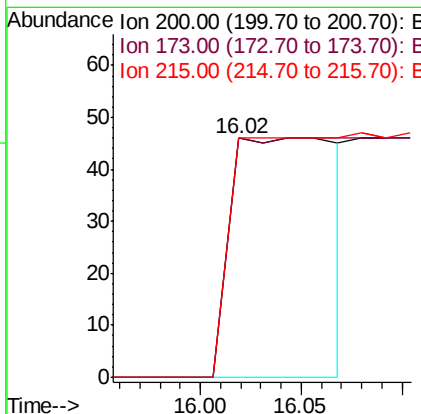
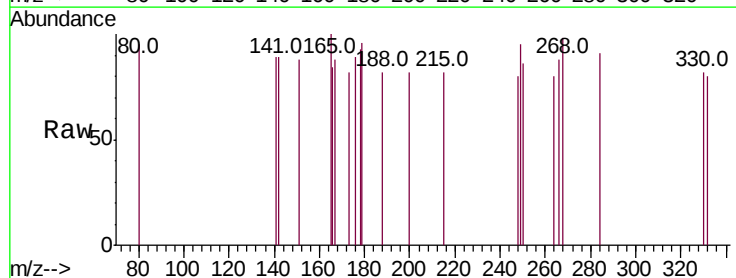
Instrument :
BNA_N
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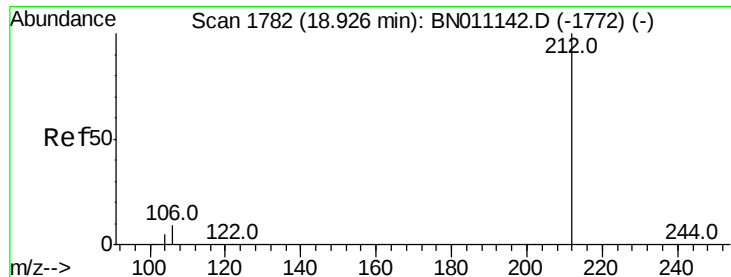
Tot Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 147.8 53.1 79.7#
105 119.6 51.9 77.9#



#23
Atrazine
Concen: 0.058 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.34 min
Lab File: BN011161.D
Acq: 14 Jul 2020 16:16

Tgt Ion:200 Resp: 169
Ion Ratio Lower Upper
200 100
173 100.0 23.0 34.4#
215 100.0 42.6 63.8#

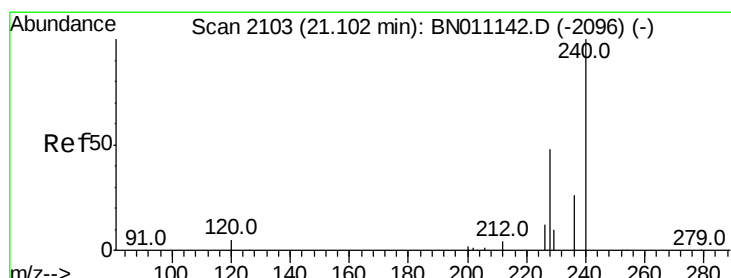
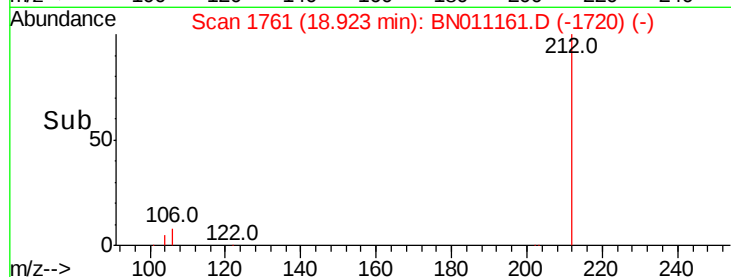
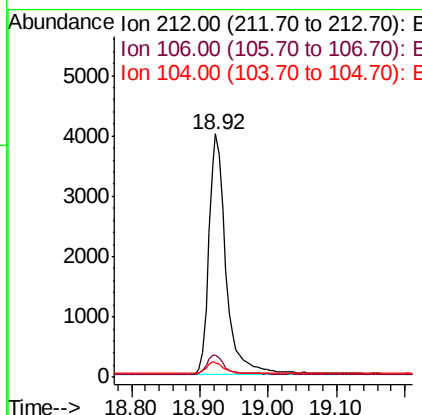
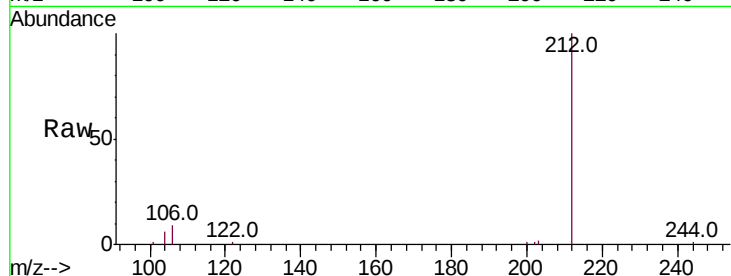




#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 18.92 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BN011161.D
 Acq: 14 Jul 2020 16:16

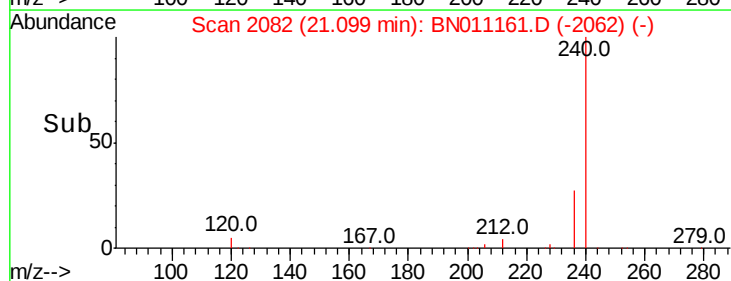
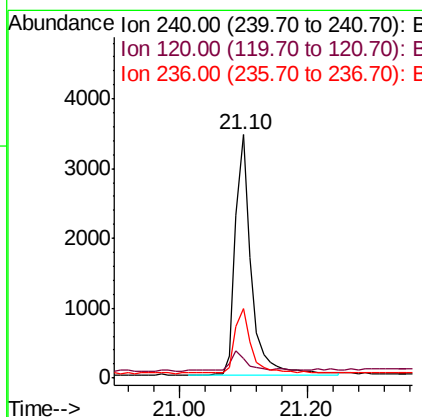
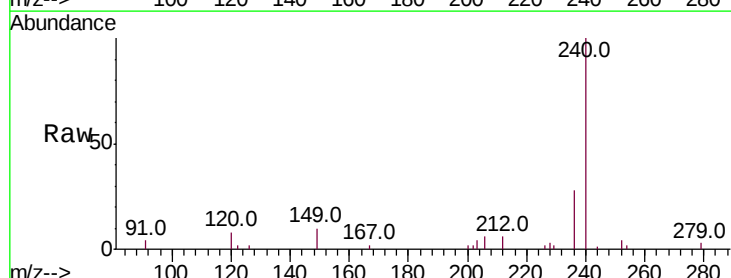
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

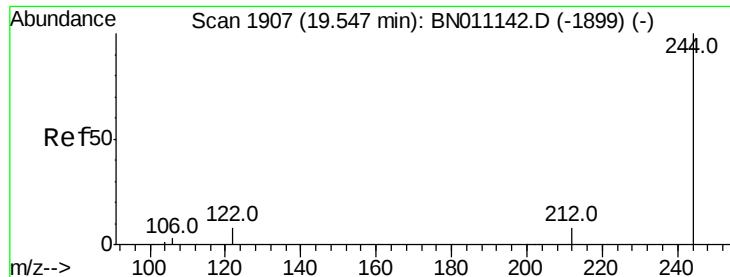
Tot Ion:212 Resp: 7033
 Ion Ratio Lower Upper
 212 100
 106 8.1 7.0 10.6
 104 5.1 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2082
 Delta R.T. 0.01 min
 Lab File: BN011161.D
 Acq: 14 Jul 2020 16:16

Tgt Ion:240 Resp: 5938
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.5 9.7
 236 28.5 21.9 32.9





#31

Terphenyl-d14

Concen: 0.377 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Instrument :

BNA_N

ClientSampled :

PB130052BL

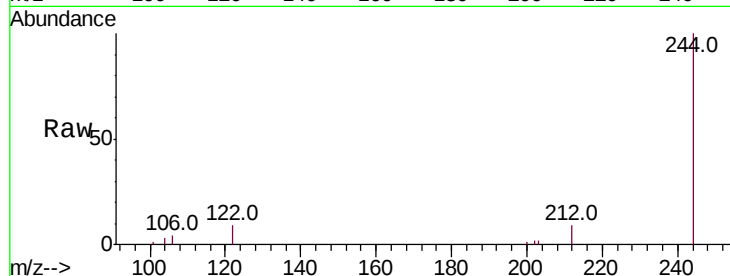
Tot Ion:244 Resp: 5828

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

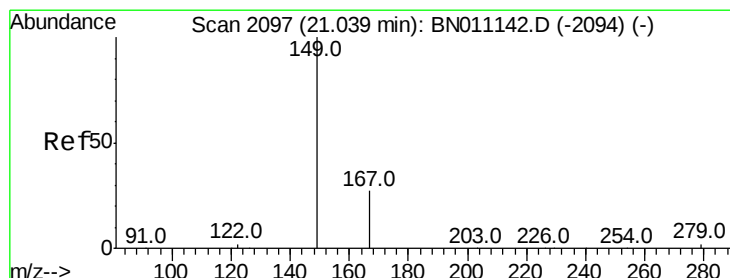
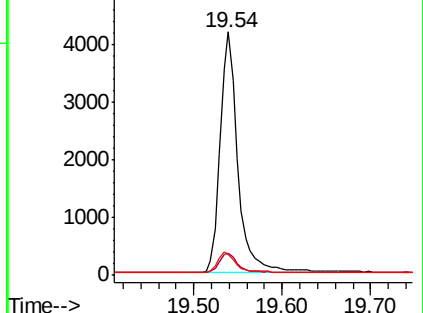
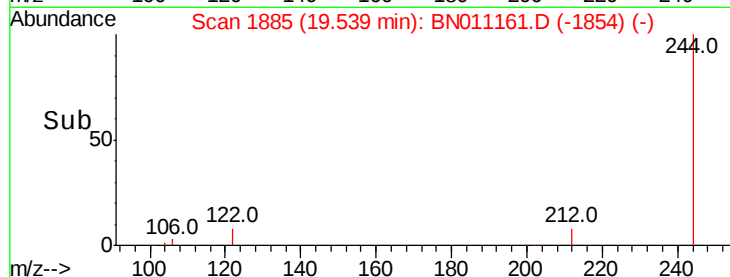
122 8.8 7.4 11.0



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: 0.028 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

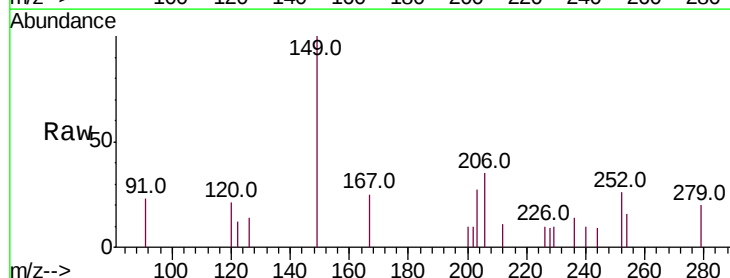
Tgt Ion:149 Resp: 224

Ion Ratio Lower Upper

149 100

167 30.8 23.4 35.0

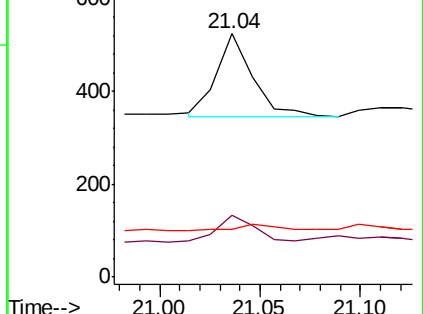
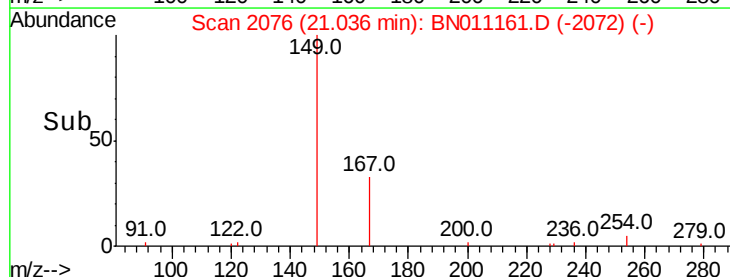
279 8.0 4.5 6.7#

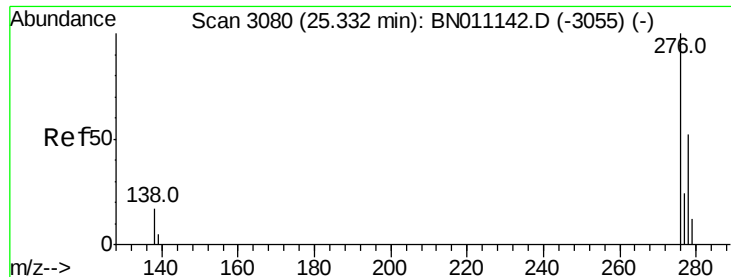


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.35 min Scan# 3065

Delta R.T. 0.03 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB130052BL

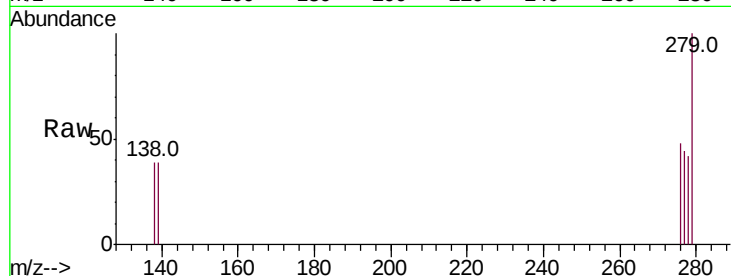
Tot Ion:276 Resp: 128

Ion Ratio Lower Upper

276 100

138 3.9 13.0 19.6#

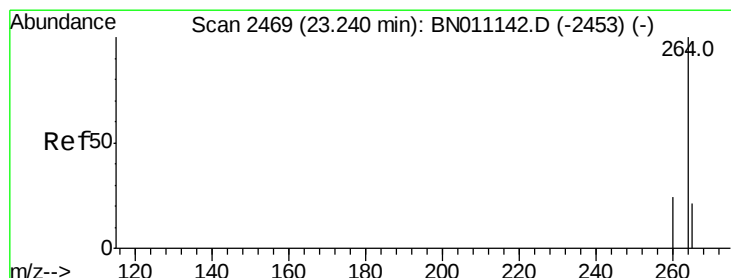
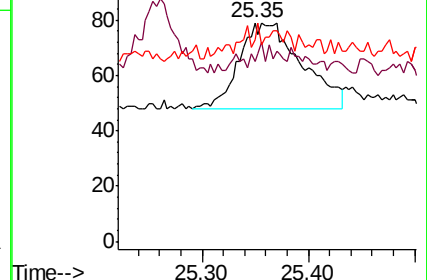
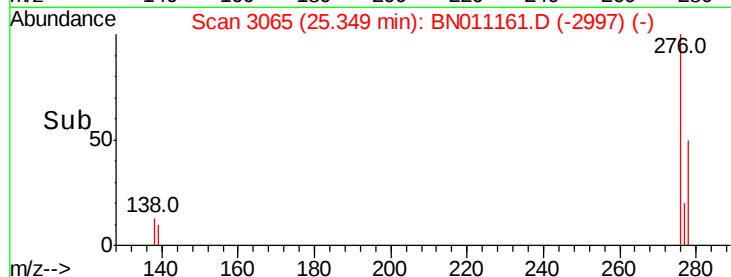
277 2.3 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN011161.D

Acq: 14 Jul 2020 16:16

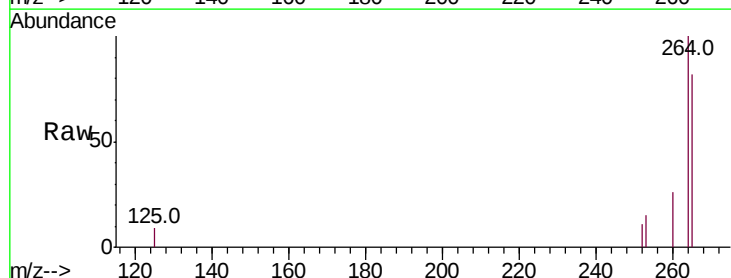
Tgt Ion:264 Resp: 5916

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 81.9 76.6 115.0



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

