

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071420\
 Data File : BN011162.D
 Acq On : 14 Jul 2020 16:52
 Operator : CG/JU
 Sample : PB130138BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130138BL

Quant Time: Jul 14 17:24:53 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

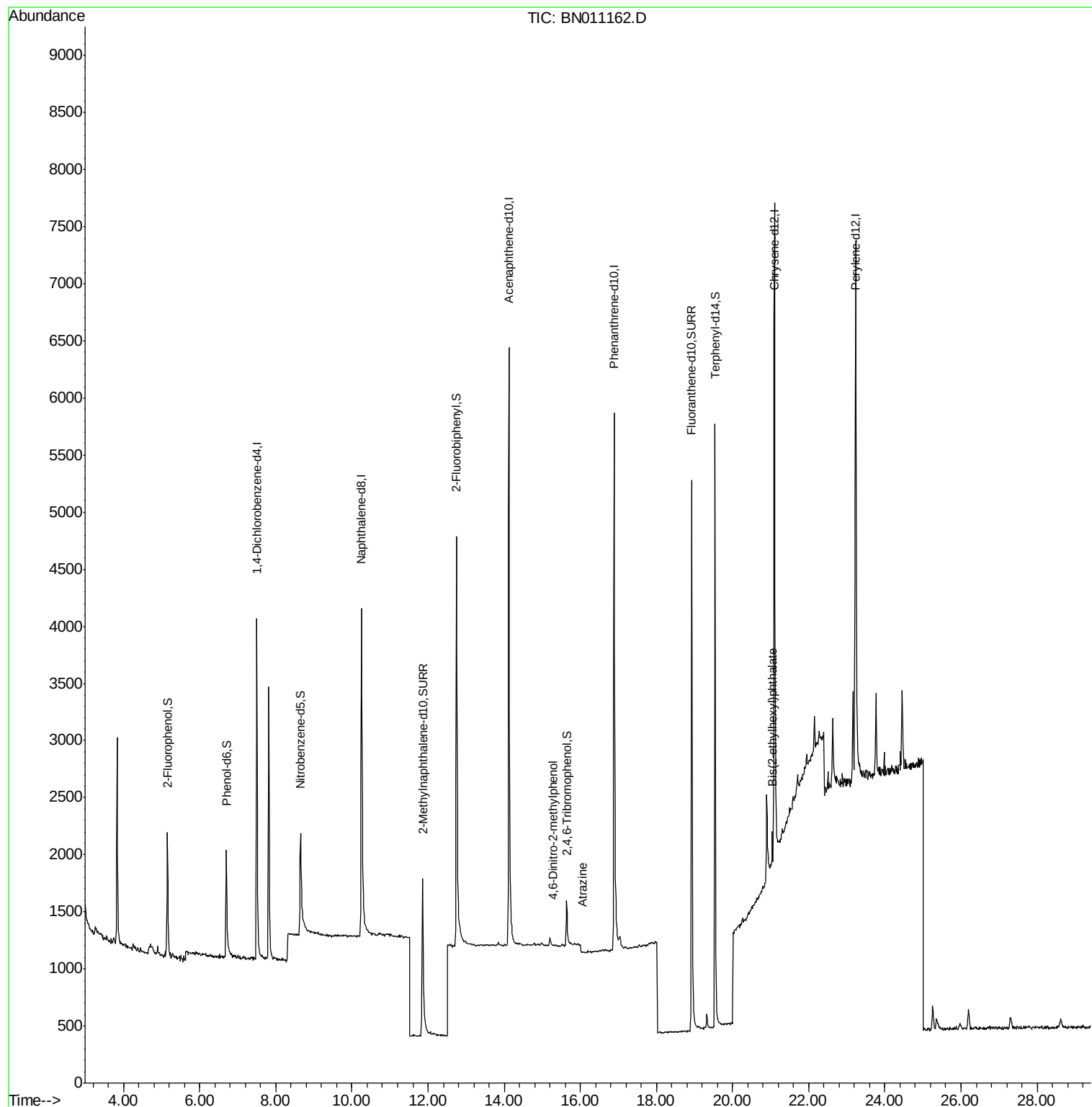
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1653	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5713	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3703	0.40	ng	0.00
19) Phenanthrene-d10	16.88	188	8768	0.40	ng	0.00
29) Chrysene-d12	21.10	240	7008	0.40	ng	0.00
36) Perylene-d12	23.23	264	7105	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1079	0.26	ng	0.00
5) Phenol-d6	6.70	99	1253	0.27	ng	0.00
8) Nitrobenzene-d5	8.65	82	1503	0.30	ng	0.02
11) 2-Methylnaphthalene-d10	11.86	152	3076	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	453	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	4602	0.27	ng	0.00
27) Fluoranthene-d10	18.92	212	7494	0.27	ng	0.00
31) Terphenyl-d14	19.54	244	6289	0.34	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylphenol	15.28	198	2	0.134	ng	# 1
23) Atrazine	16.06	200	371	0.089	ng	# 10
34) Bis(2-ethylhexyl)phthalate	21.04	149	265	0.028	ng	# 95
35) Indeno(1,2,3-cd)pyrene	25.35	276	57	Below Cal		# 62

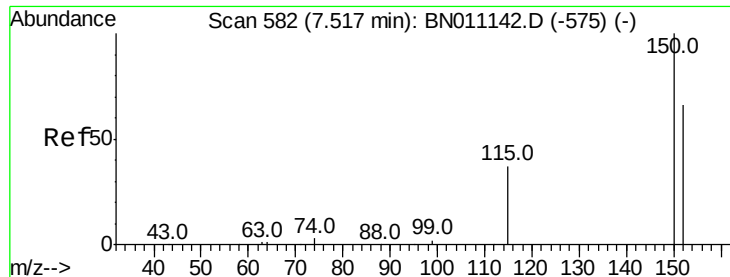
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



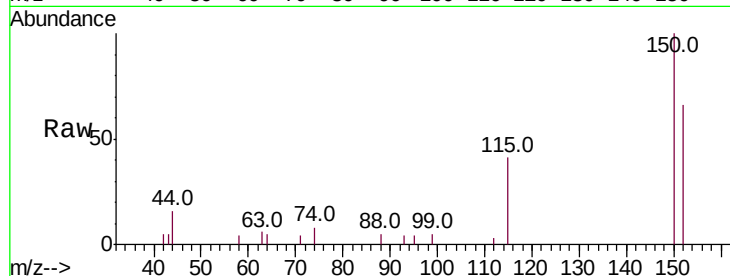


#1

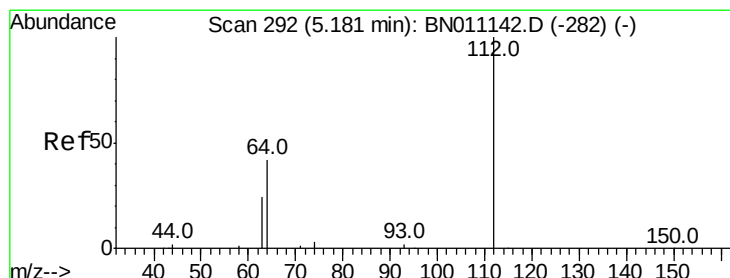
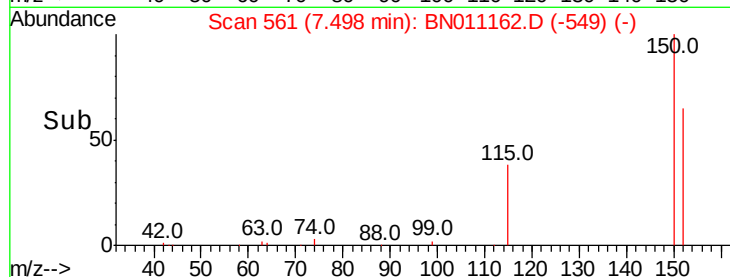
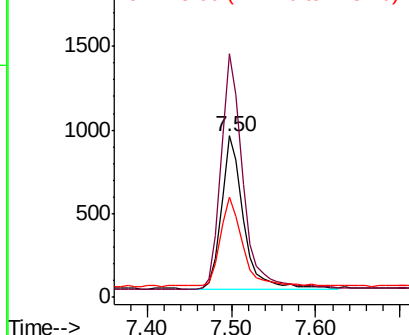
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BN011162.D
 Acq: 14 Jul 2020 16:52

Instrument :
 BNA_N
 ClientSampleId :
 PB130138BL

Tot Ion:152 Resp: 1653
 Ion Ratio Lower Upper
 152 100
 150 150.9 119.4 179.0
 115 62.3 48.3 72.5



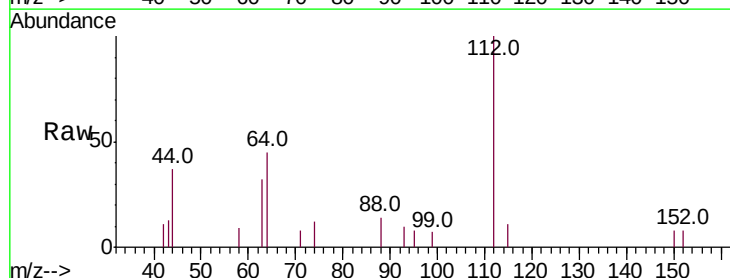
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



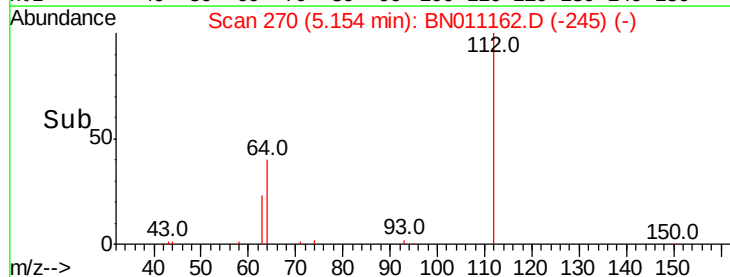
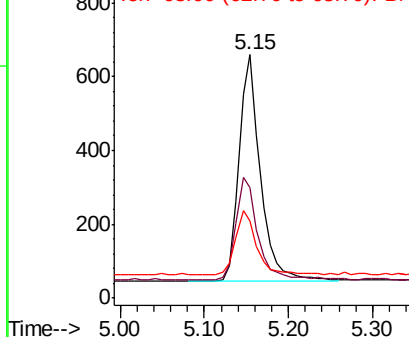
#4

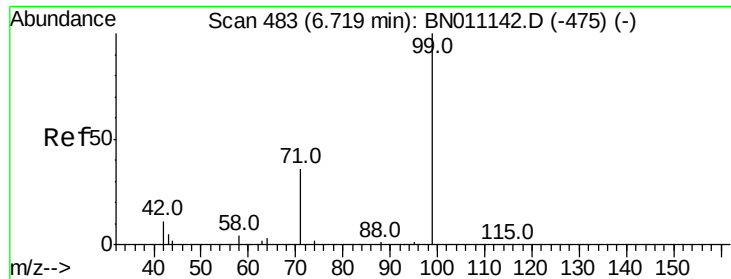
2-Fluorophenol
 Concen: 0.265 ng
 RT: 5.15 min Scan# 270
 Delta R.T. 0.01 min
 Lab File: BN011162.D
 Acq: 14 Jul 2020 16:52

Tgt Ion:112 Resp: 1079
 Ion Ratio Lower Upper
 112 100
 64 45.6 36.7 55.1
 63 29.2 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: 0.272 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

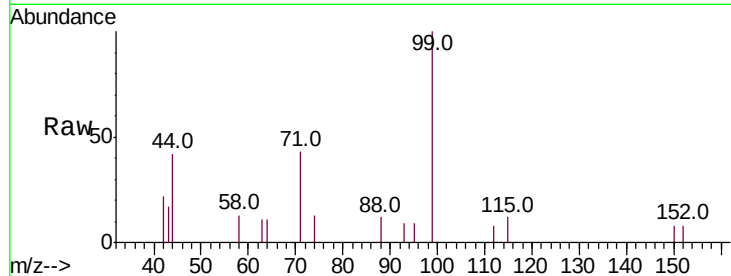
Tot Ion: 99 Resp: 1253

Ion Ratio Lower Upper

99 100

42 12.8 10.8 16.2

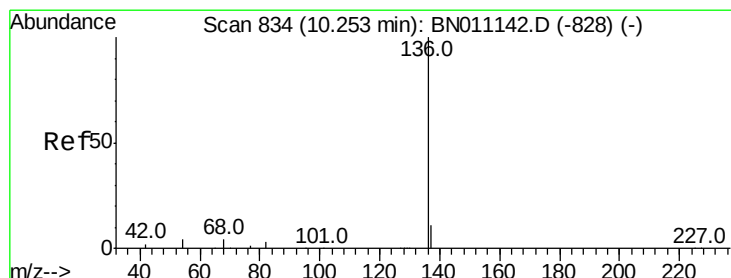
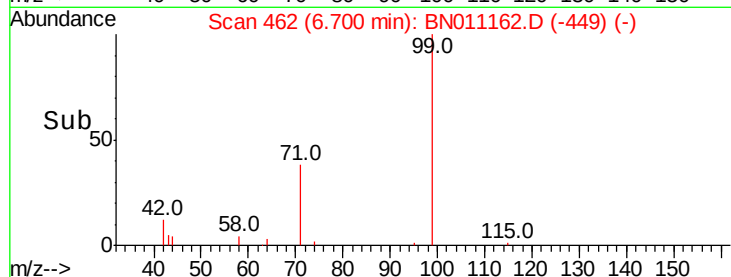
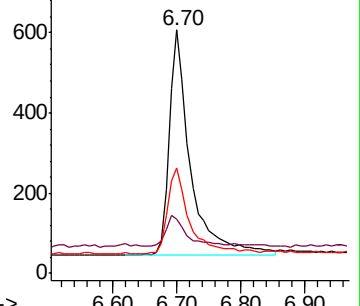
71 40.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 815

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Tgt Ion: 136 Resp: 5713

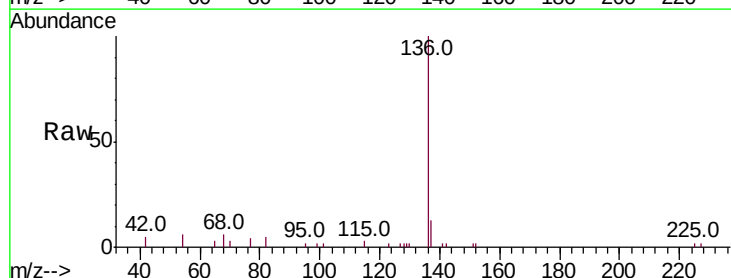
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 6.2 4.9 7.3

68 6.2 4.9 7.3

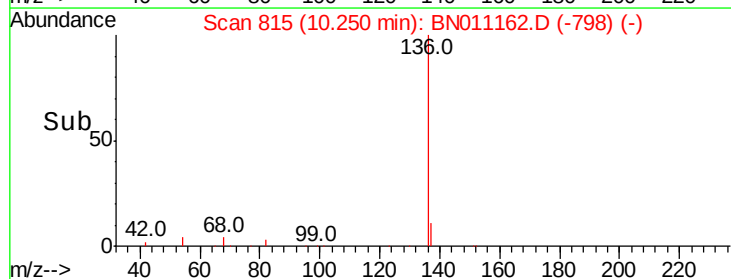
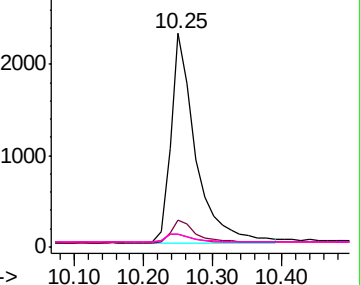


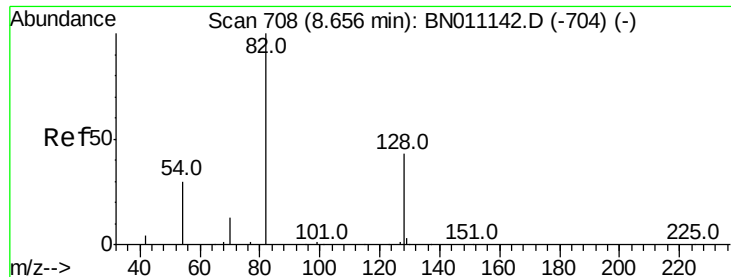
Abundance Ion 136.00 (135.70 to 136.70): BN011142.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN011142.D (-828) (-)

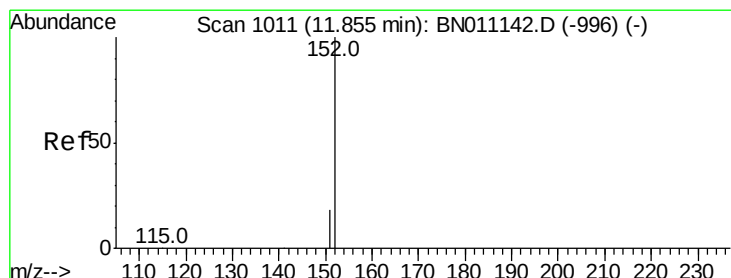
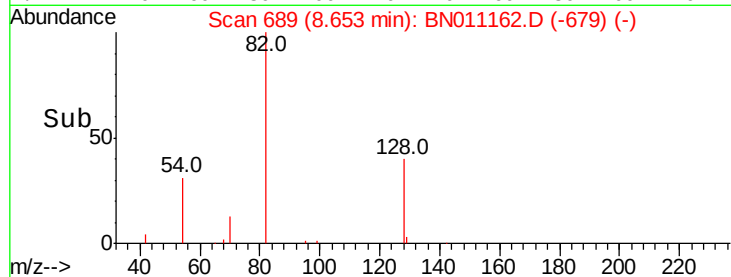
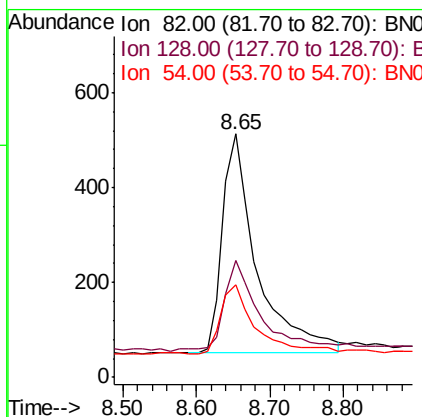
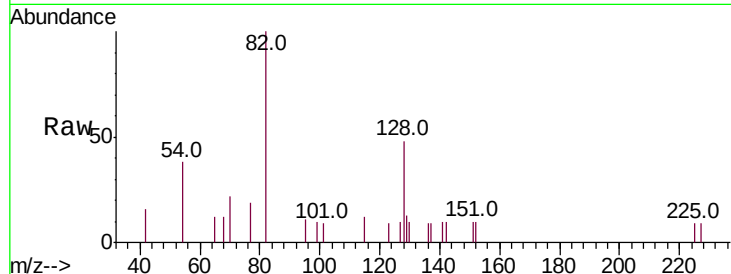




#8
 Nitrobenzene-d5
 Concen: 0.297 ng
 RT: 8.65 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: BN011162.D
 Acq: 14 Jul 2020 16:52

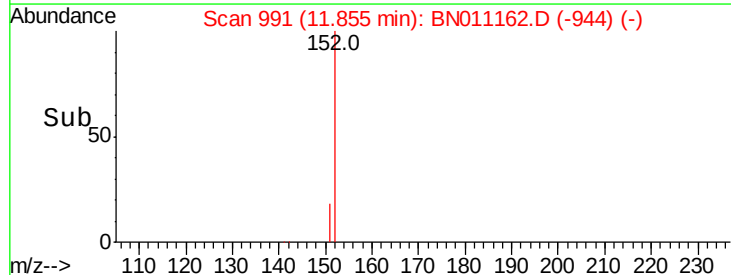
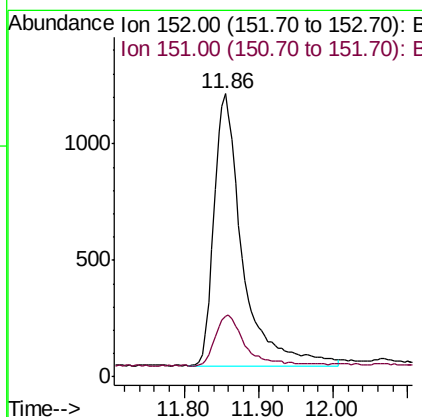
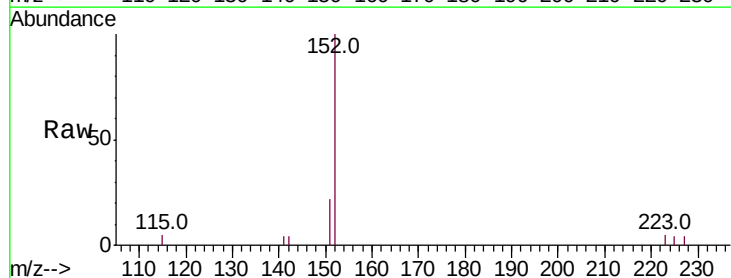
Instrument :
 BNA_N
 ClientSampleId :
 PB130138BL

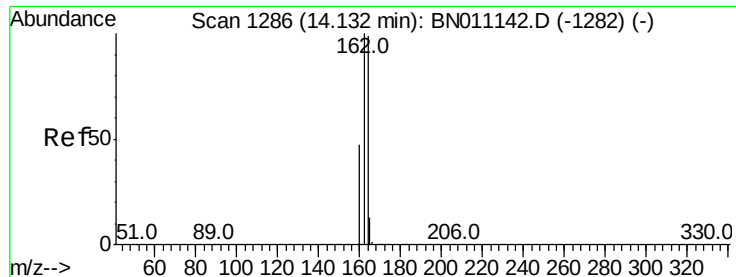
Tot Ion	82	Resp	1503
Ion Ratio	Lower	Upper	
82	100		
128	48.0	38.1	57.1
54	37.8	27.1	40.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 11.86 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BN011162.D
 Acq: 14 Jul 2020 16:52

Tgt Ion	152	Resp	3076
Ion Ratio	Lower	Upper	
152	100		
151	19.9	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: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

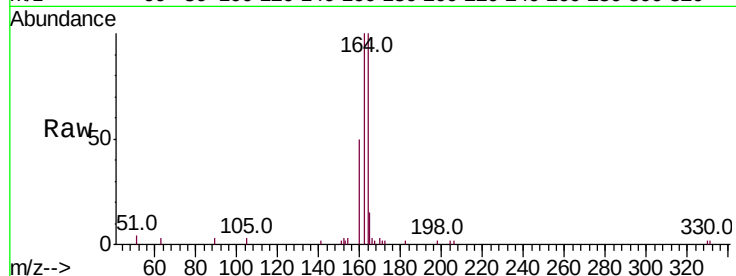
BNA_N

ClientSampled :

PB130138BL

Tot Ion:164 Resp: 3703

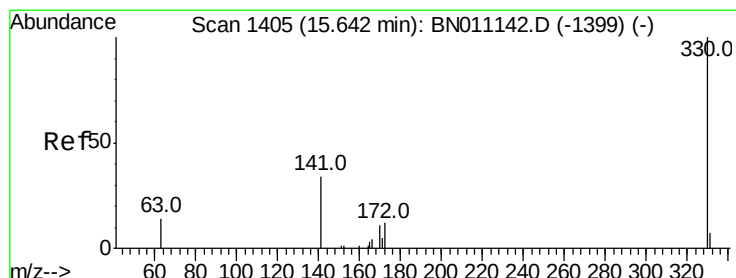
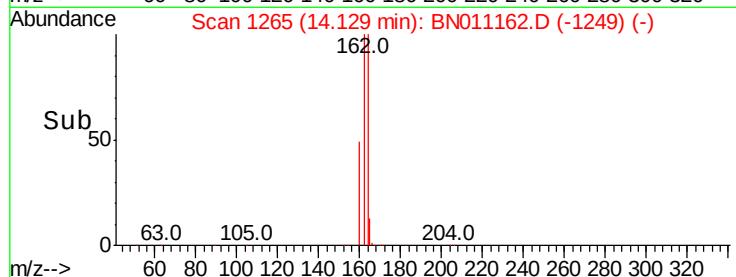
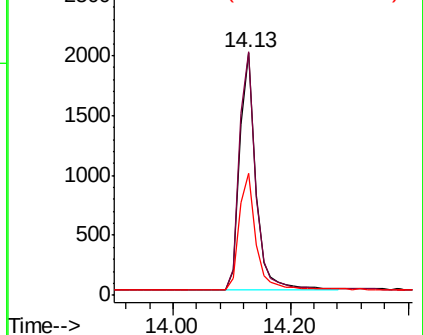
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.4
160	50.1	39.0	58.6



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: 0.276 ng

RT: 15.64 min Scan# 1384

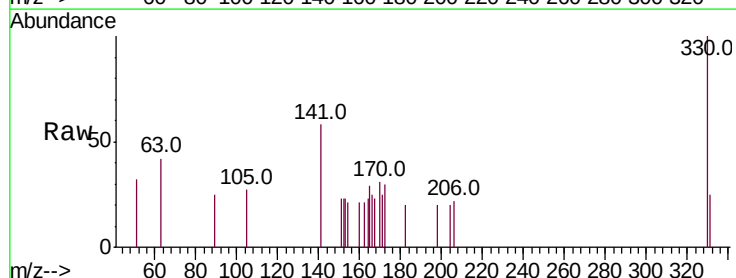
Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Tgt Ion:330 Resp: 453

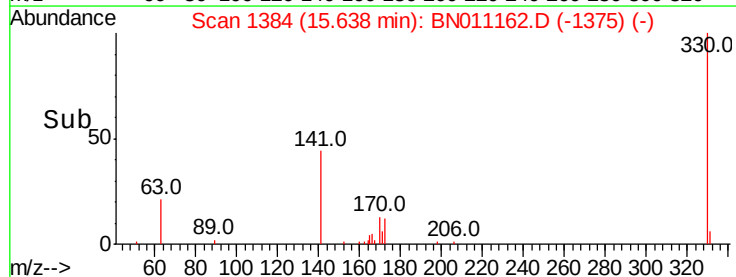
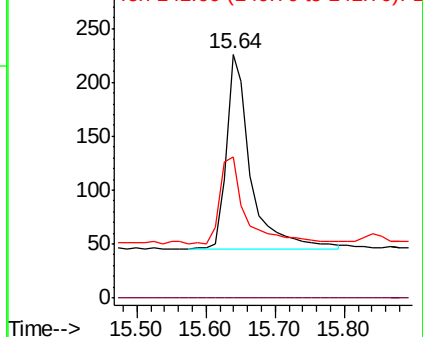
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	31.5	47.3

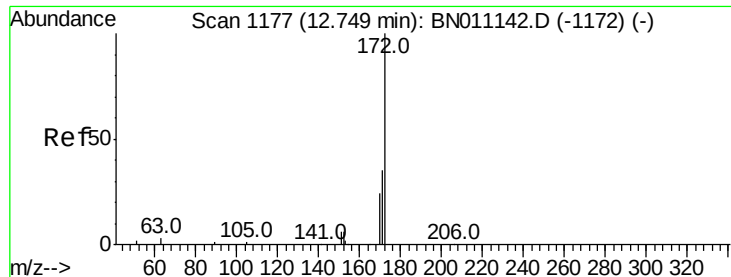


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.265 ng

RT: 12.75 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

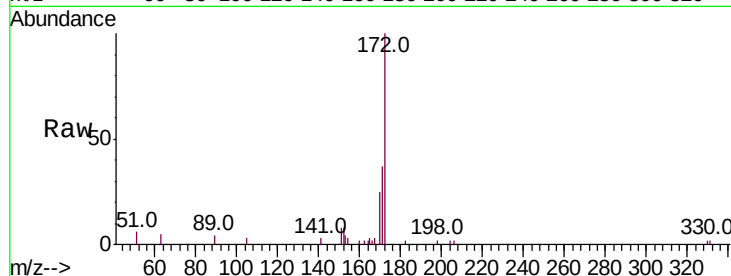
Tot Ion:172 Resp: 4602

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.6

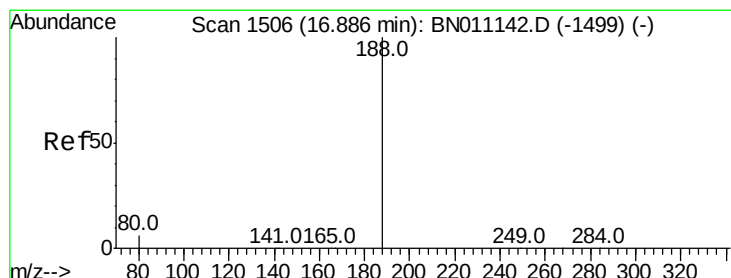
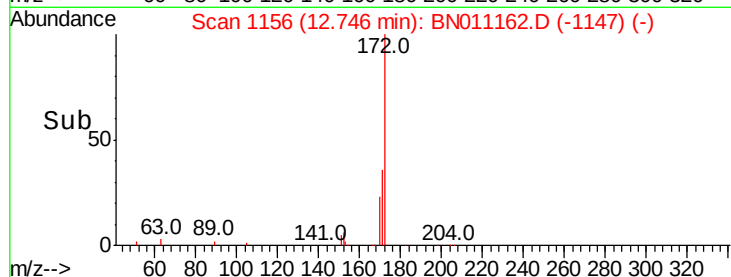
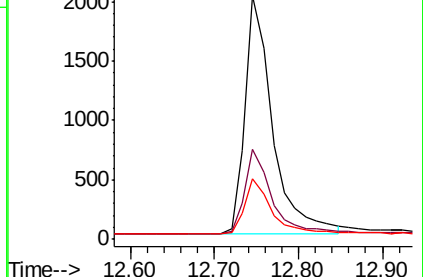
170 24.7 20.3 30.5



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: BN011162.D

Acq: 14 Jul 2020 16:52

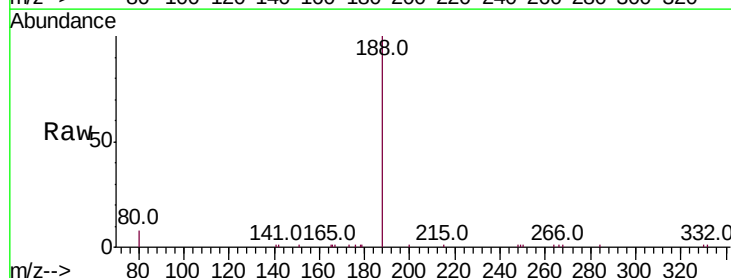
Tgt Ion:188 Resp: 8768

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

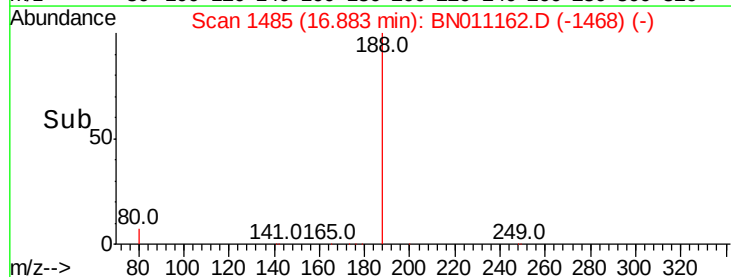
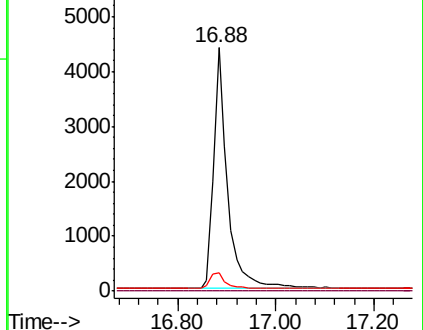
80 7.7 6.3 9.5

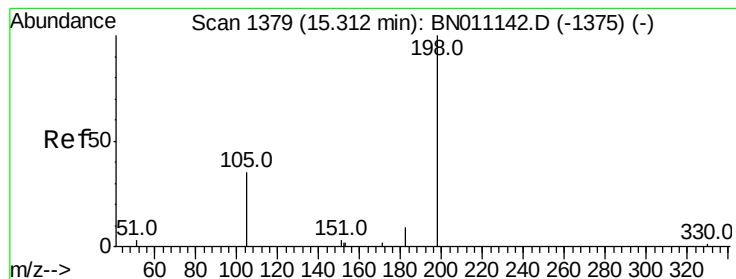


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.134 ng

RT: 15.28 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

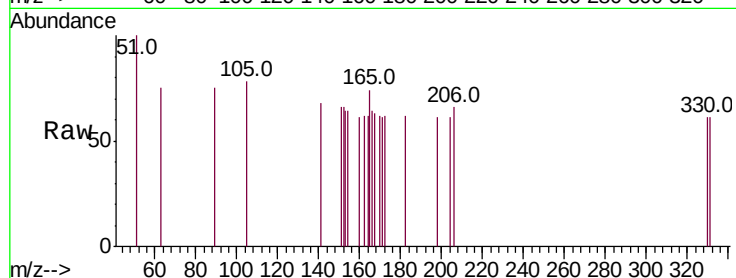
Tot Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 165.2 53.1 79.7#

105 128.3 51.9 77.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

100

80

60

40

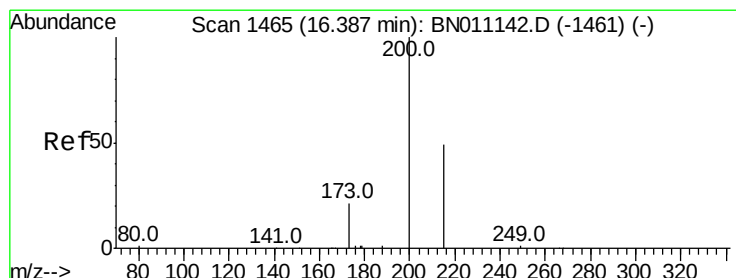
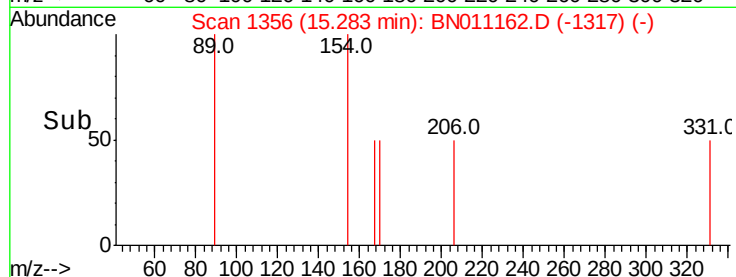
20

0

15.25

15.30

Time-->



#23

Atrazine

Concen: 0.089 ng

RT: 16.06 min Scan# 1417

Delta R.T. -0.31 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

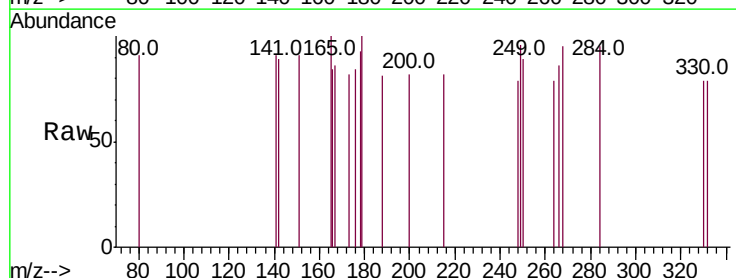
Tgt Ion:200 Resp: 371

Ion Ratio Lower Upper

200 100

173 100.0 23.0 34.4#

215 100.0 42.6 63.8#



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

60

50

40

30

20

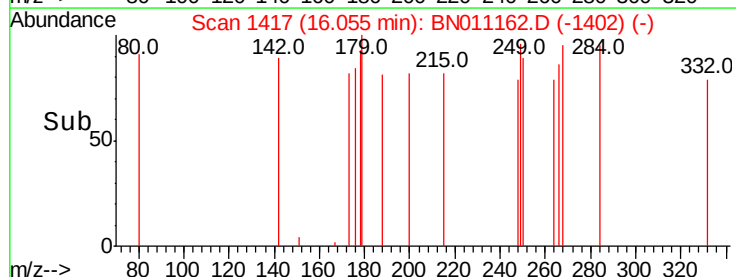
10

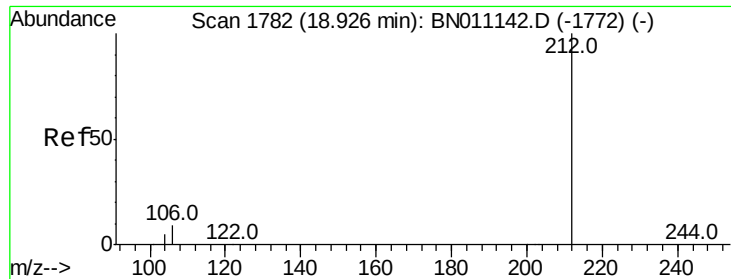
0

16.00

16.10

Time-->





#27

Fluoranthene-d10

Concen: 0.271 ng

RT: 18.92 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

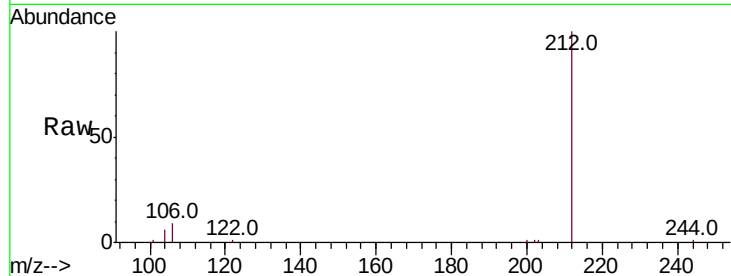
Tot Ion:212 Resp: 7494

Ion Ratio Lower Upper

212 100

106 8.2 7.0 10.6

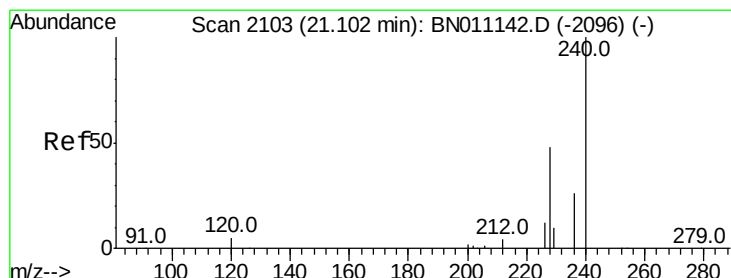
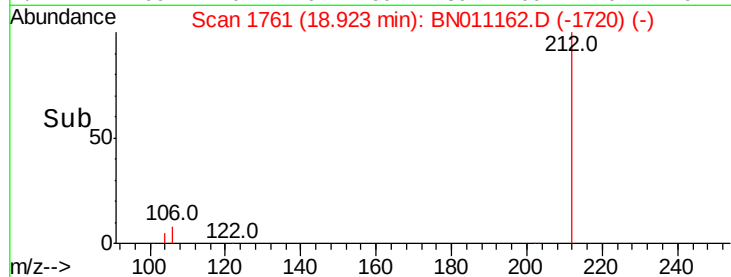
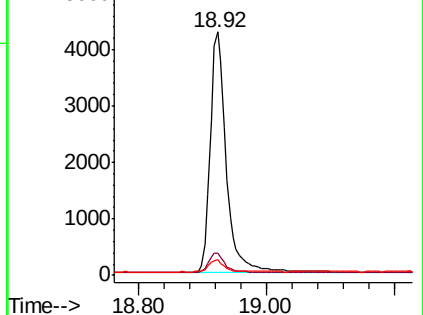
104 4.7 4.2 6.4



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

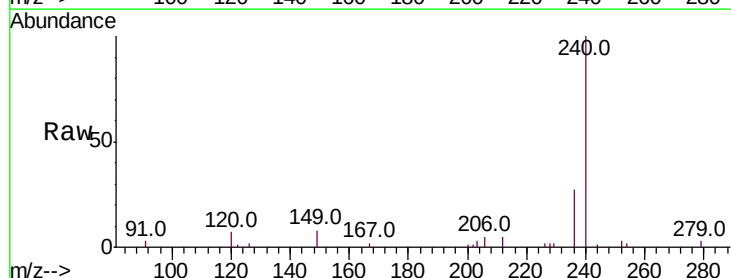
Tgt Ion:240 Resp: 7008

Ion Ratio Lower Upper

240 100

120 7.3 6.5 9.7

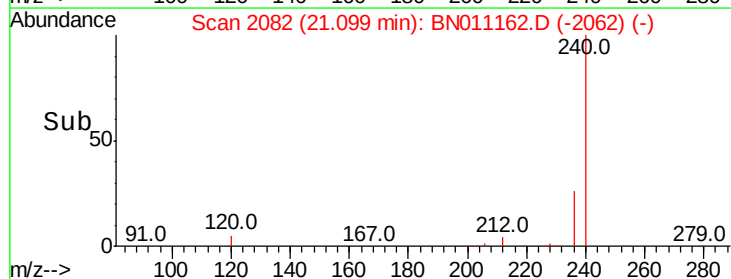
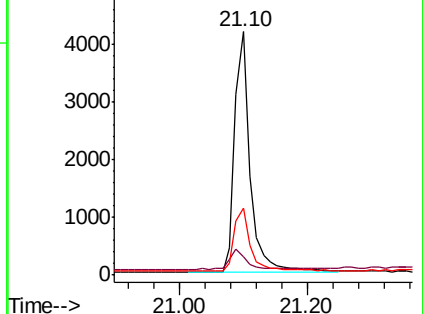
236 27.4 21.9 32.9

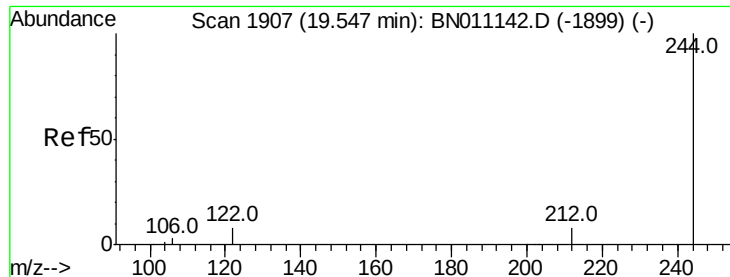


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

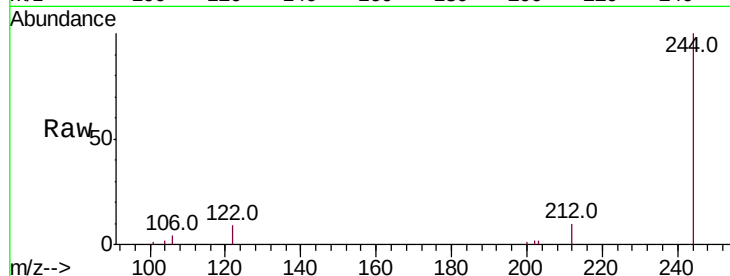
Tot Ion:244 Resp: 6289

Ion Ratio Lower Upper

244 100

212 9.8 7.8 11.6

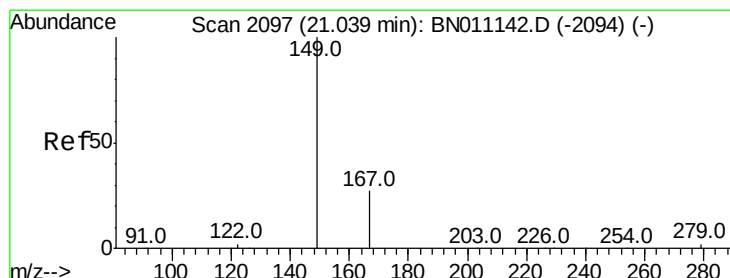
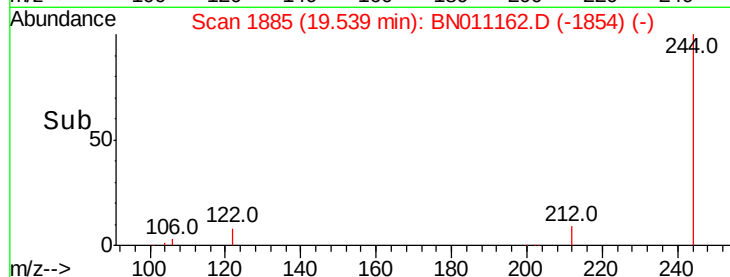
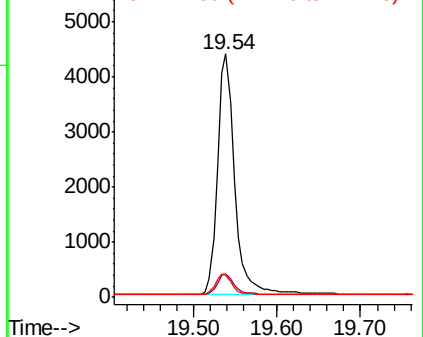
122 8.9 7.4 11.0



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: BN011162.D

Acq: 14 Jul 2020 16:52

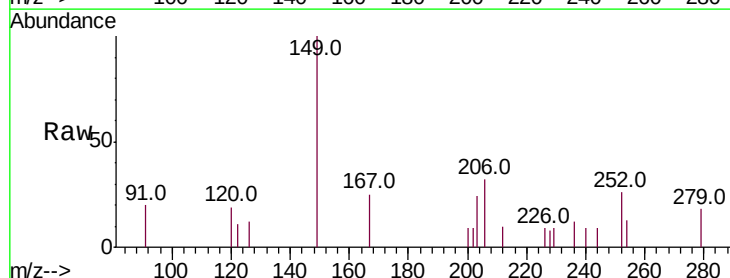
Tgt Ion:149 Resp: 265

Ion Ratio Lower Upper

149 100

167 30.2 23.4 35.0

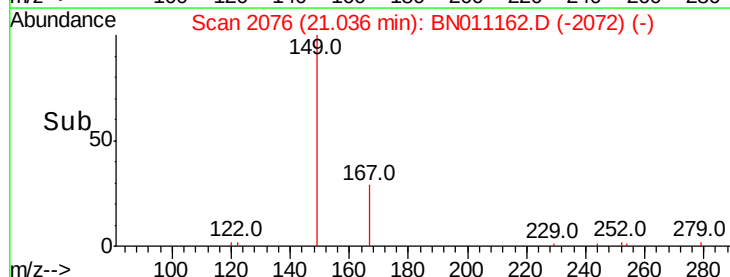
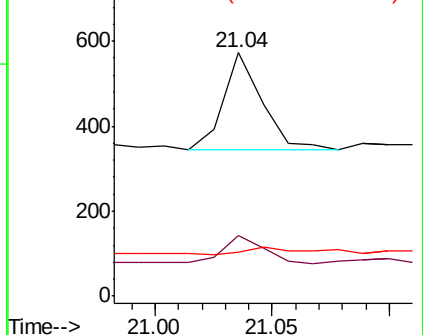
279 12.8 4.5 6.7#

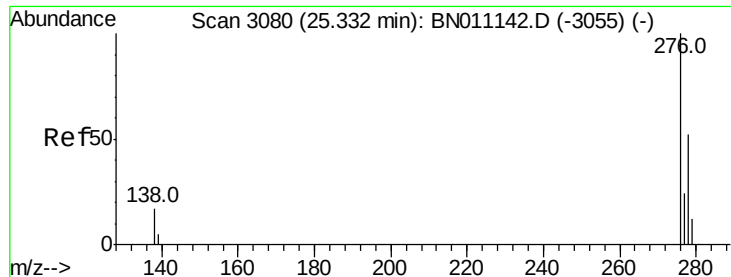


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3066

Delta R.T. 0.03 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

Instrument :

BNA_N

ClientSampleId :

PB130138BL

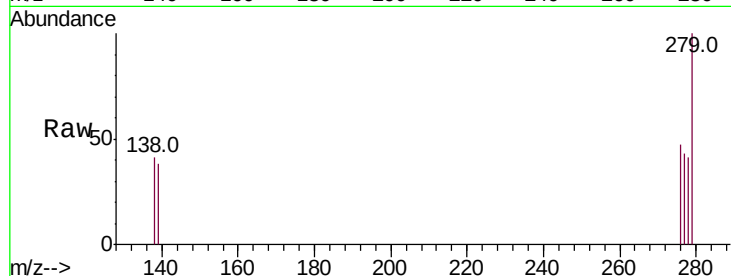
Tot Ion:276 Resp: 57

Ion Ratio Lower Upper

276 100

138 0.0 13.0 19.6#

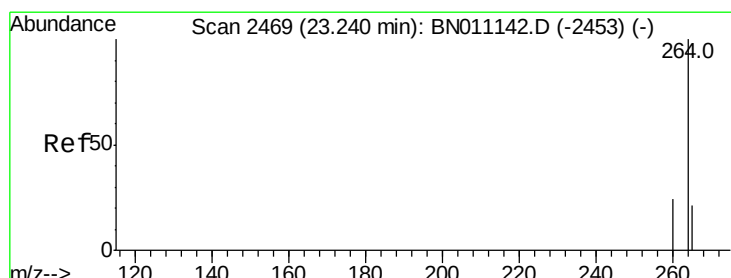
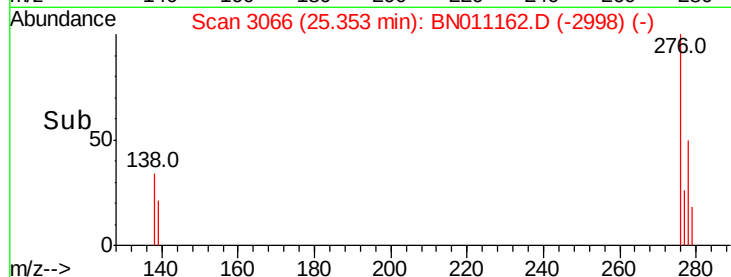
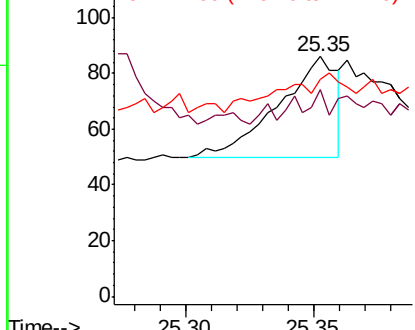
277 43.9 19.7 29.5#



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# 2446

Delta R.T. 0.00 min

Lab File: BN011162.D

Acq: 14 Jul 2020 16:52

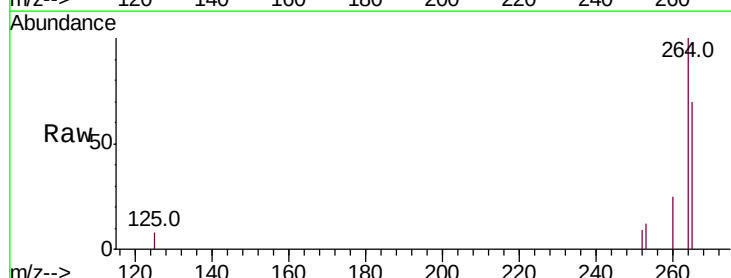
Tgt Ion:264 Resp: 7105

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 70.2 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

