

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010869.D
 Acq On : 15 Jun 2020 11:39
 Operator : CG/JU
 Sample : L2988-15DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20200608DL

Quant Time: Jun 15 12:09:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

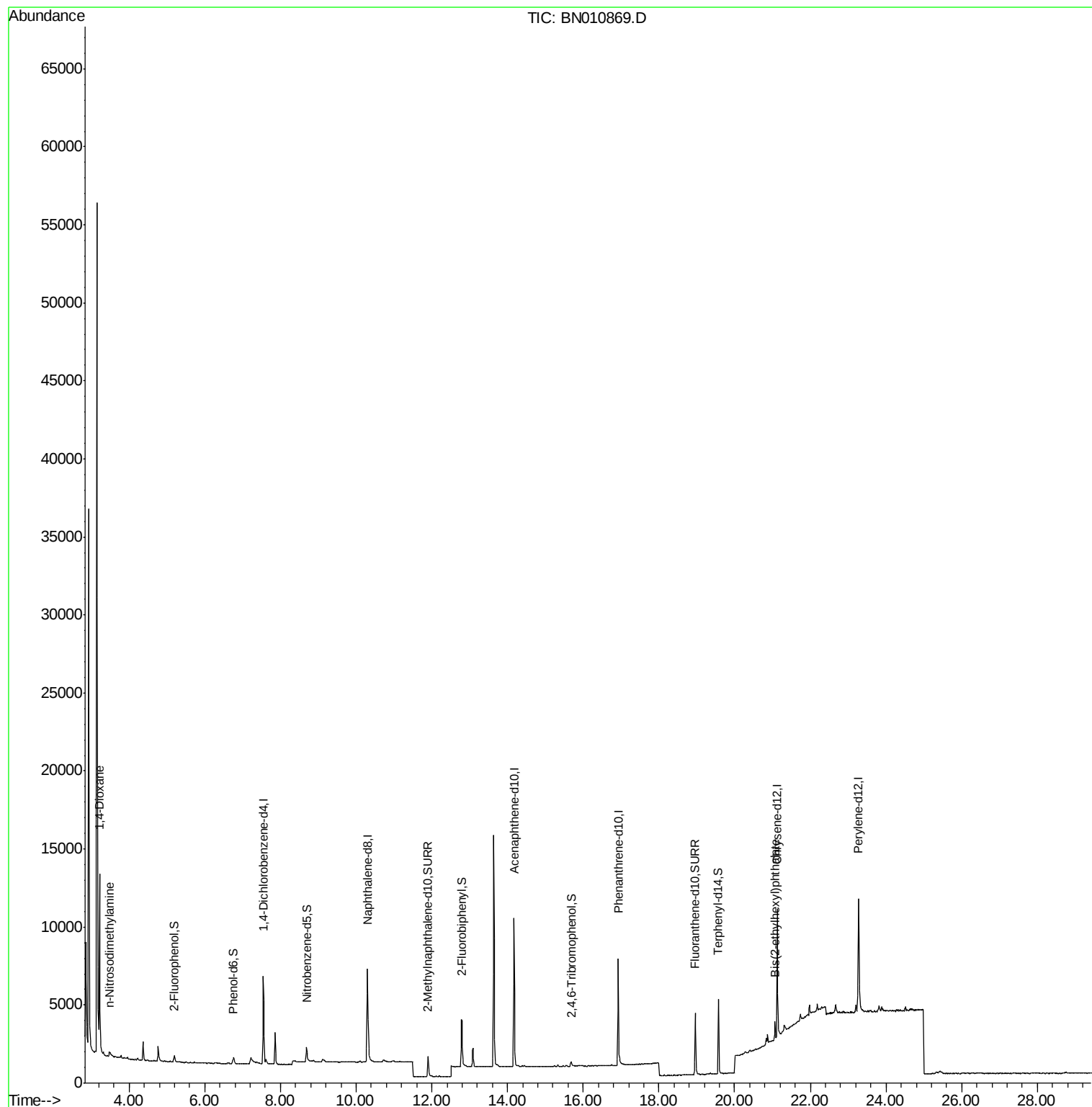
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2791	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9757	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5572	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11100	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9889	0.40	ng	0.00
34) Perylene-d12	23.28	264	10379	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	398	0.07	ng	0.00
5) Phenol-d6	6.75	99	278	0.04	ng	0.00
8) Nitrobenzene-d5	8.69	82	1214	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	2234	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	309	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	3535	0.16	ng	0.01
25) Fluoranthene-d10	18.96	212	5634	0.18	ng	0.00
29) Terphenyl-d14	19.57	244	5482	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	9341	3.417	ng	99
3) n-Nitrosodimethylamine	3.47	42	110	0.069	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	948	0.098	ng	96

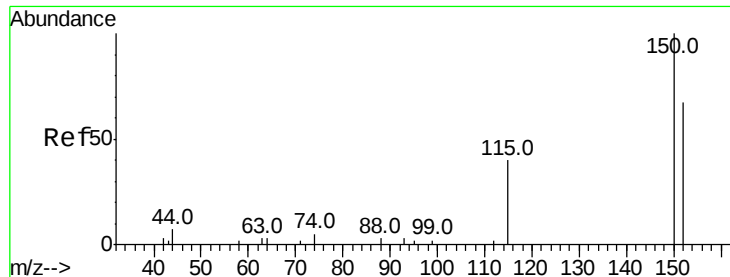
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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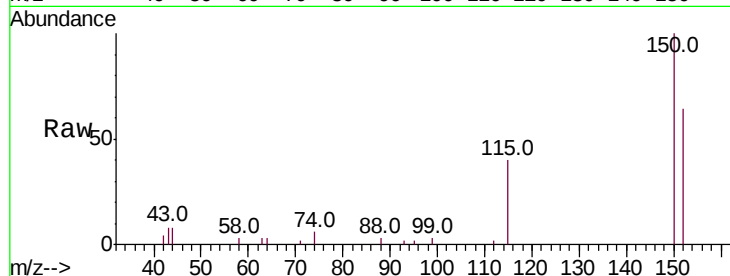


#1

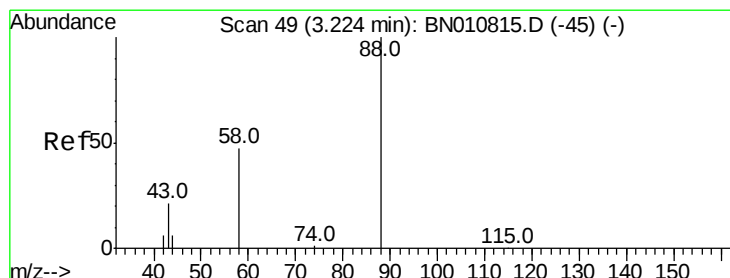
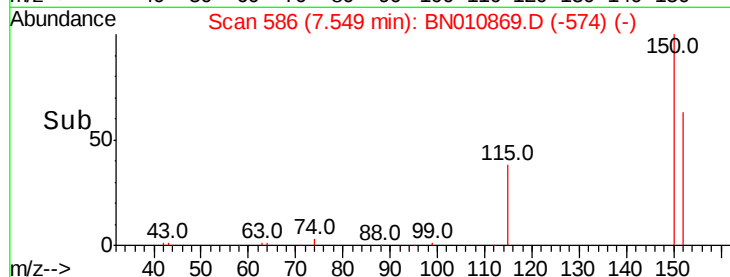
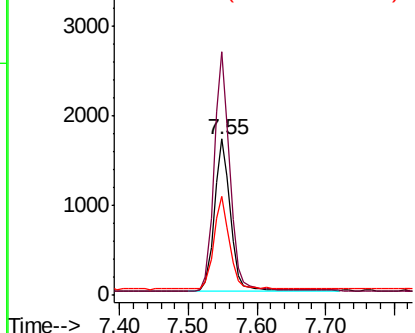
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.55 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BN010869.D
 Acq: 15 Jun 2020 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20200608DL

Tot Ion:152 Resp: 2791
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.8 185.6
 115 63.0 49.2 73.8



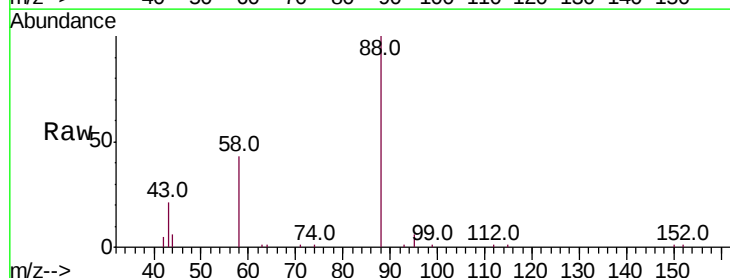
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



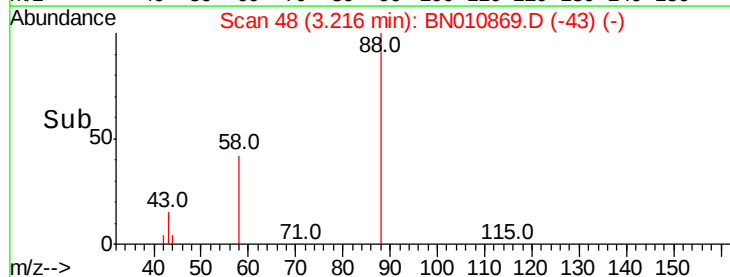
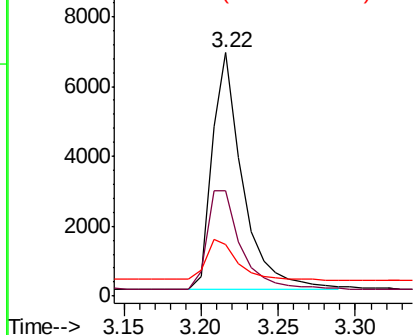
#2

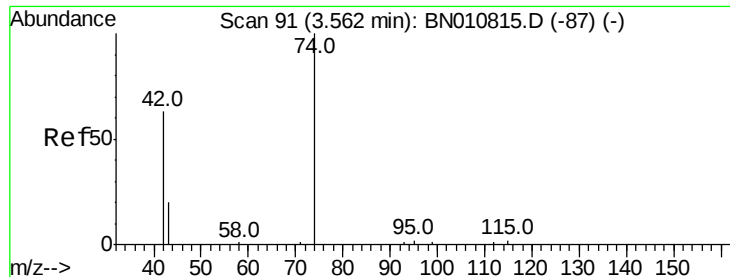
1,4-Dioxane
 Concen: 3.417 ng
 RT: 3.22 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: BN010869.D
 Acq: 15 Jun 2020 11:39

Tgt Ion: 88 Resp: 9341
 Ion Ratio Lower Upper
 88 100
 58 47.1 38.2 57.4
 43 18.1 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.47 min Scan# 80

Delta R.T. -0.07 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200608DL

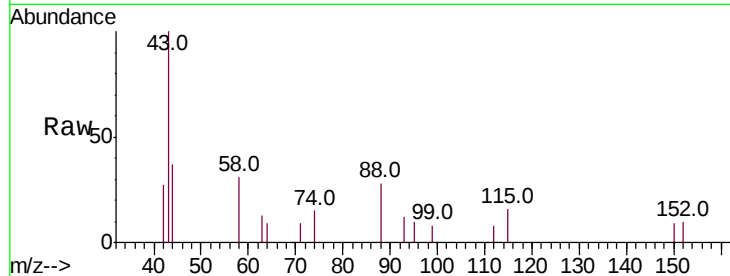
Tot Ion: 42 Resp: 110

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

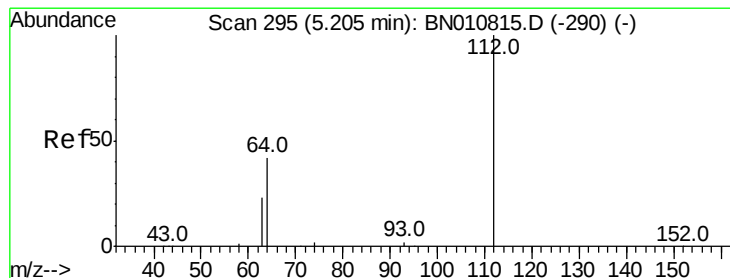
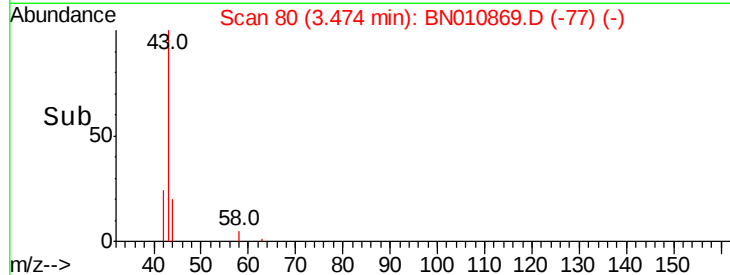
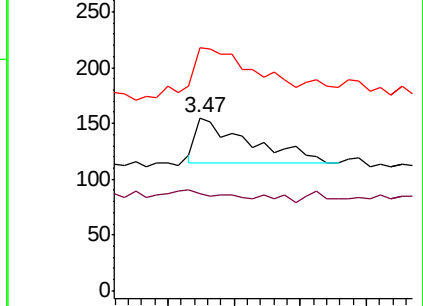
44 91.8 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.074 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

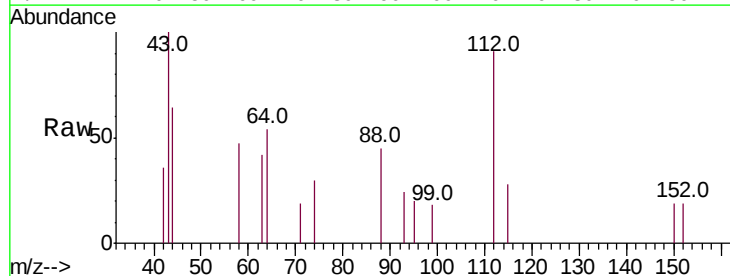
Tgt Ion: 112 Resp: 398

Ion Ratio Lower Upper

112 100

64 49.2 37.4 56.0

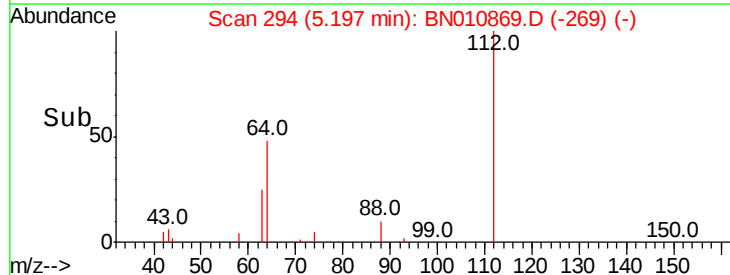
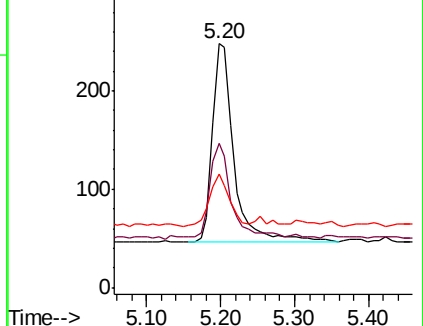
63 25.1 22.2 33.4

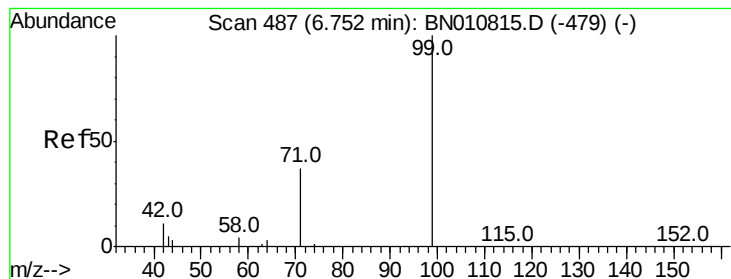


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.044 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200608DL

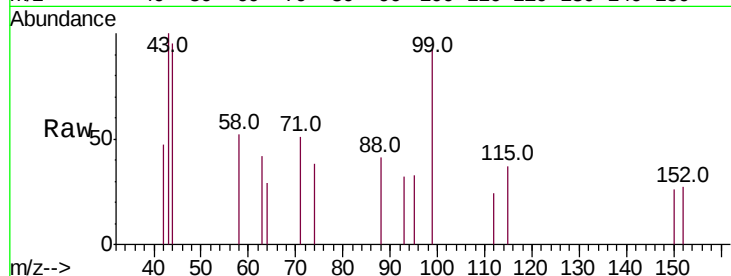
Tot Ion: 99 Resp: 278

Ion Ratio Lower Upper

99 100

42 29.1 11.1 16.7#

71 37.8 31.4 47.2

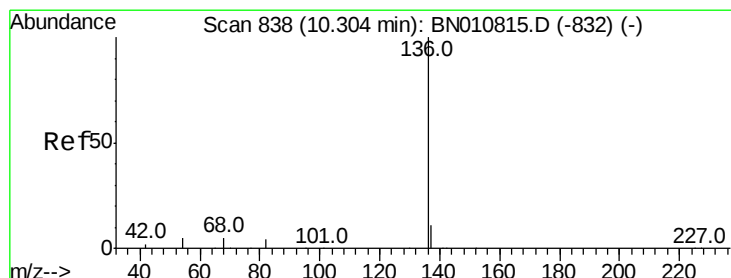
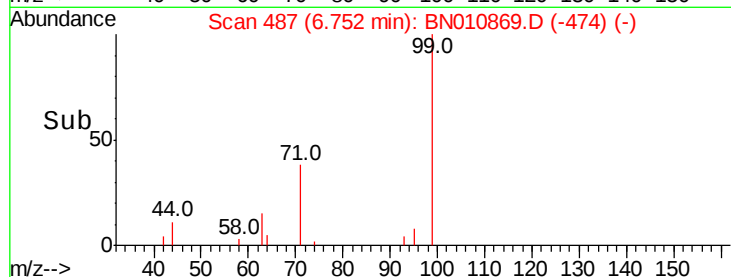
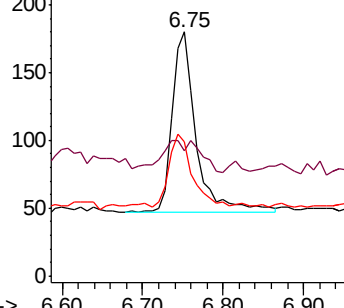


Abundance

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: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Tgt Ion: 136 Resp: 9757

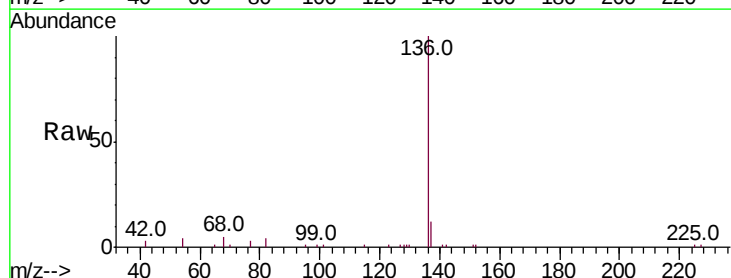
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 3.9 4.9 7.3#

68 4.7 4.7 7.1



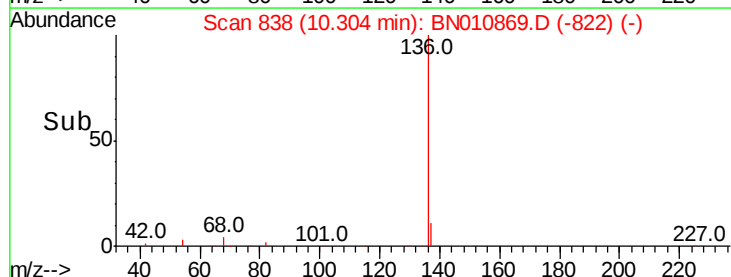
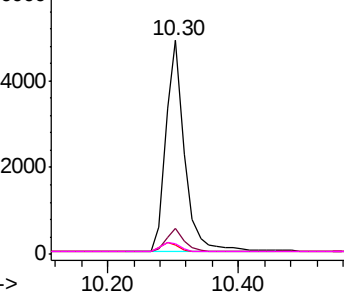
Abundance

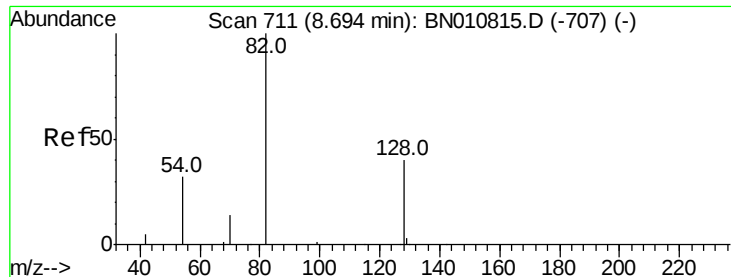
Ion 136.00 (135.70 to 136.70): BN0

Ion 137.00 (136.70 to 137.70): BN0

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

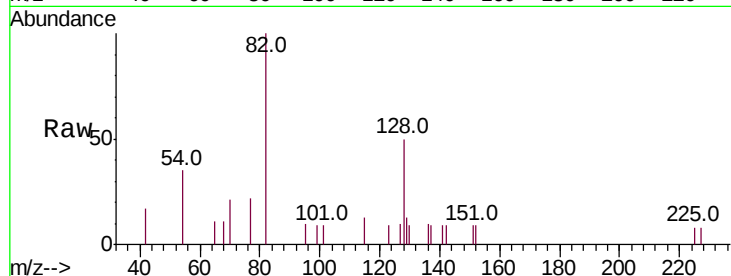




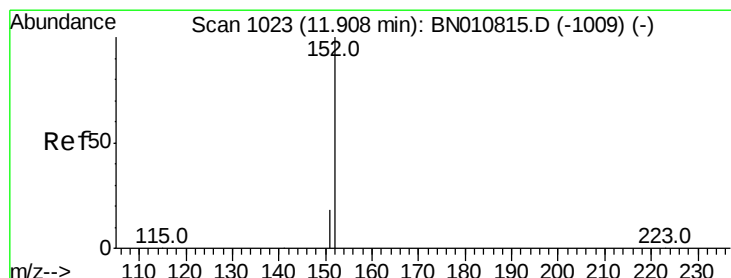
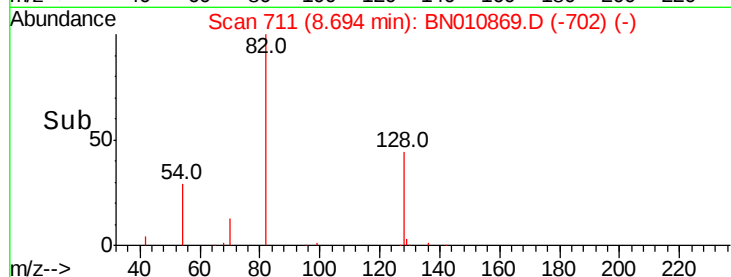
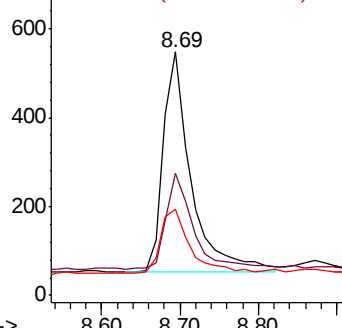
#8
 Nitrobenzene-d5
 Concen: 0.168 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010869.D
 Acq: 15 Jun 2020 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20200608DL

Tot Ion	82	Resp	1214
Ion Ratio	Lower	Upper	
82	100		
128	50.2	35.4	53.0
54	35.4	28.2	42.4

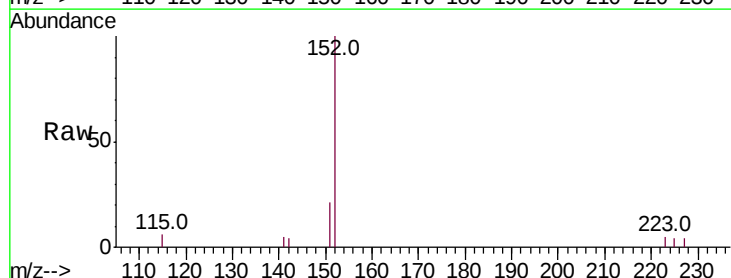


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

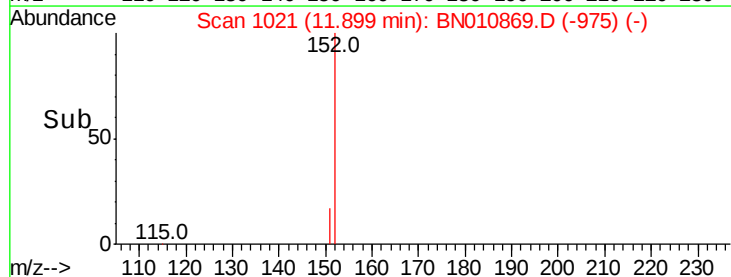
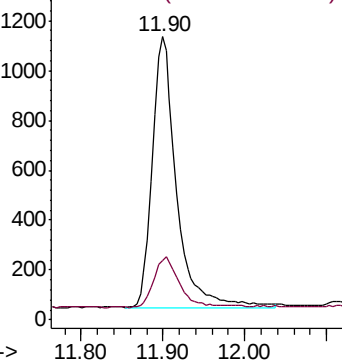


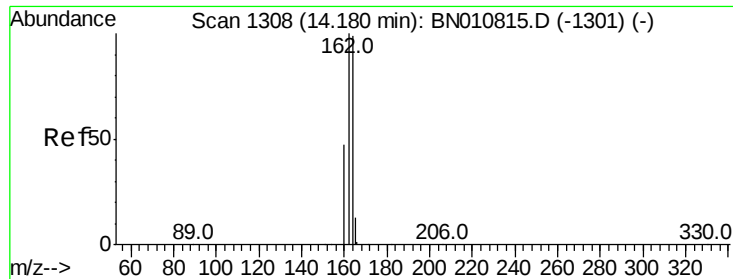
#11
 2-Methylnaphthalene-d10
 Concen: 0.148 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BN010869.D
 Acq: 15 Jun 2020 11:39

Tgt Ion	152	Resp	2234
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200608DL

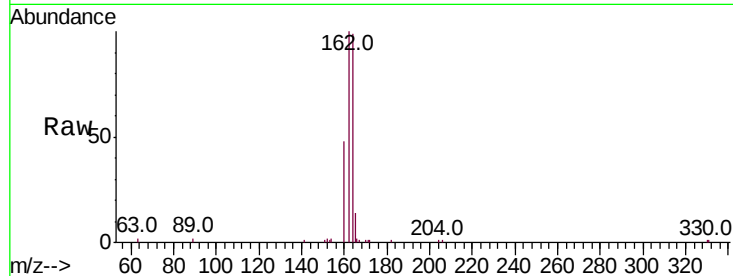
Tot Ion:164 Resp: 5572

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.6

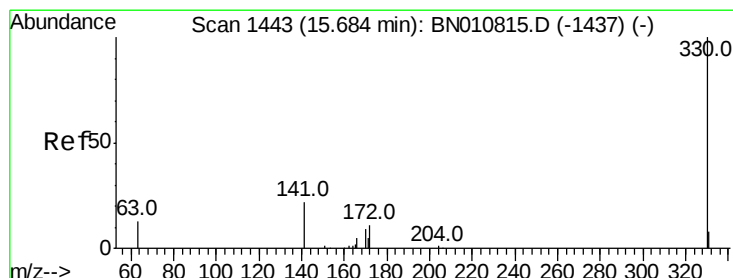
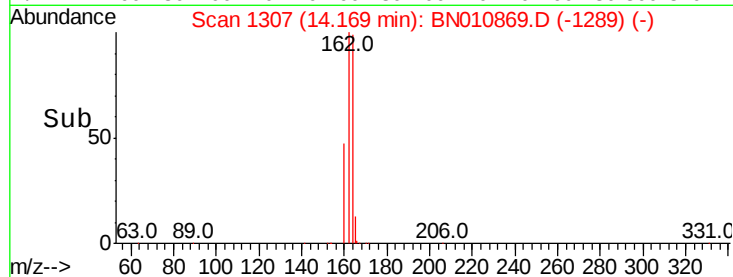
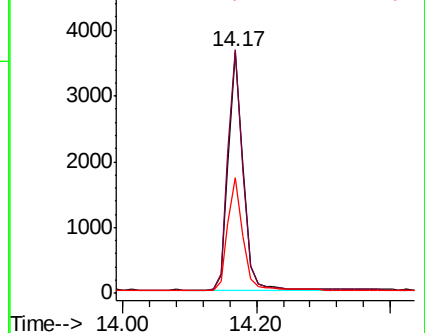
160 48.1 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

5000 Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.155 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

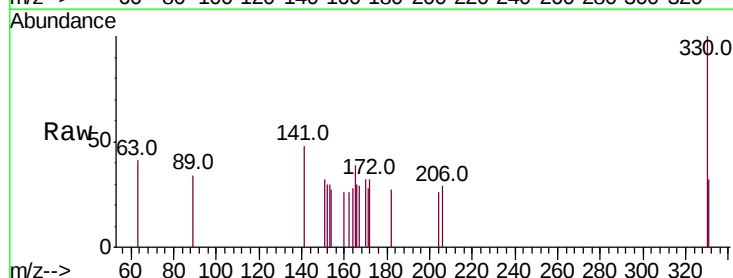
Tgt Ion:330 Resp: 309

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

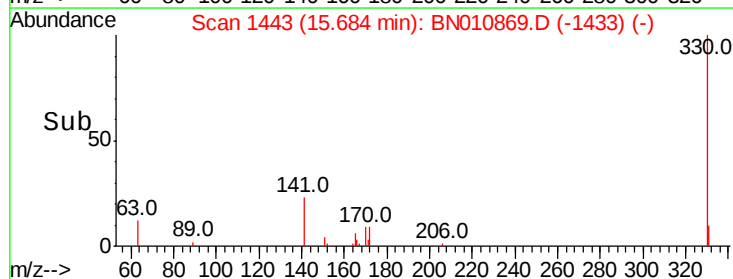
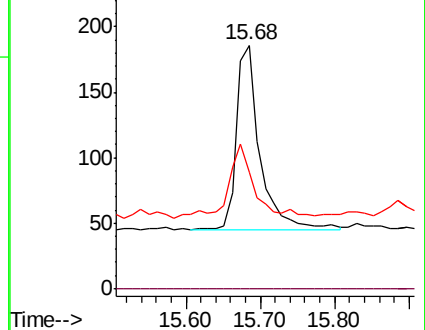
141 33.7 33.2 49.8

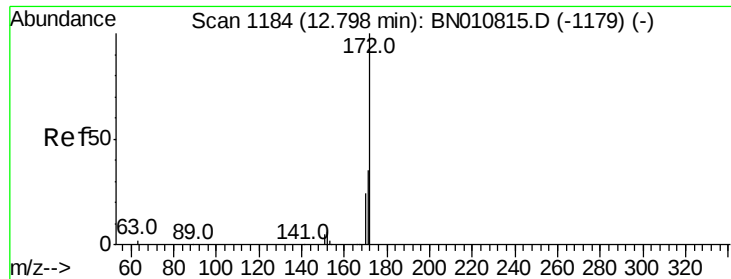


Abundance Ion 330.00 (329.70 to 330.70): E

250 Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

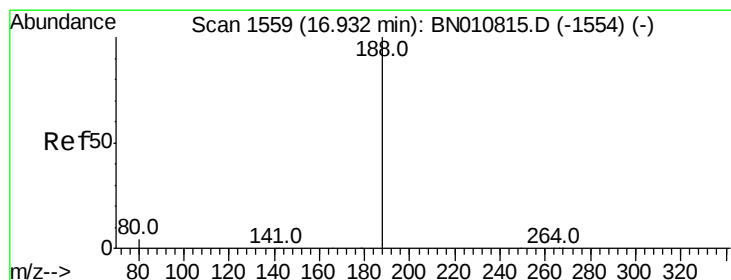
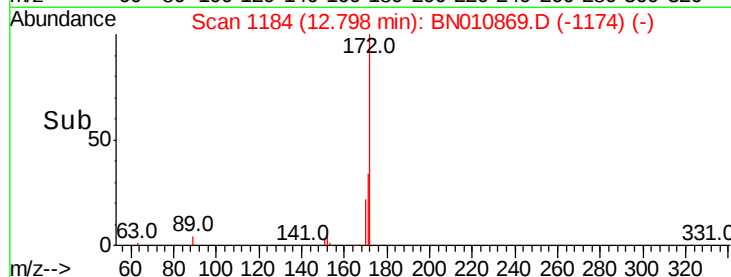
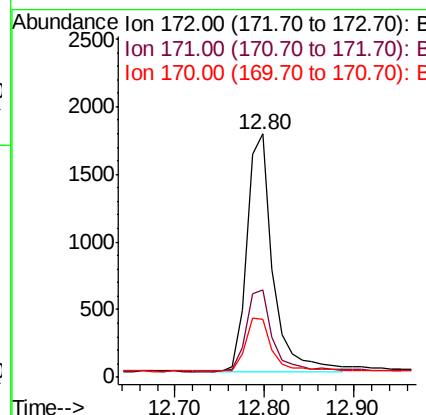
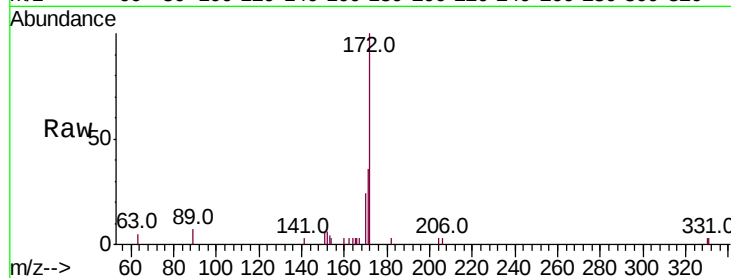




#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010869.D
Acq: 15 Jun 2020 11:39

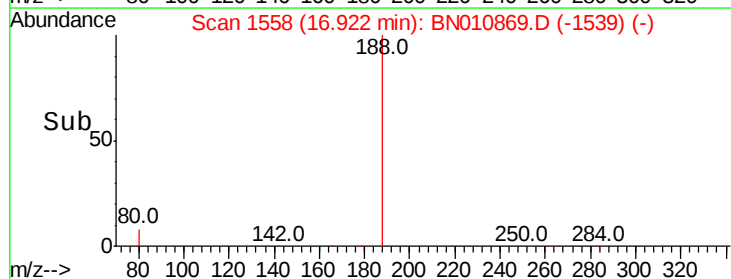
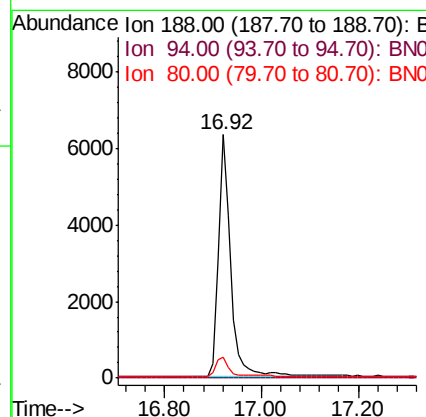
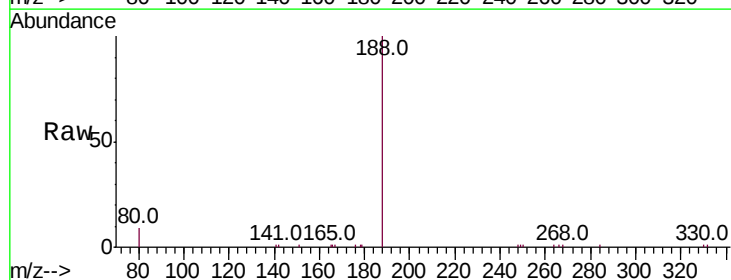
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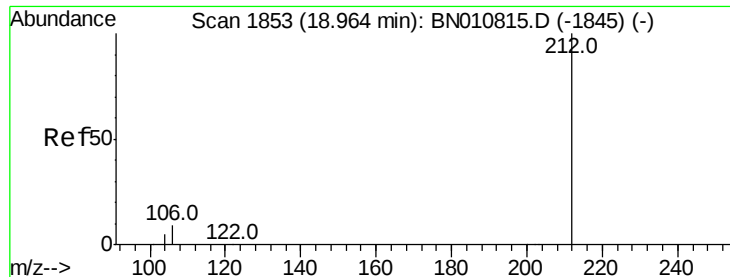
Tot Ion:172 Resp: 3535
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010869.D
Acq: 15 Jun 2020 11:39

Tgt Ion:188 Resp: 11100
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.184 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200608DL

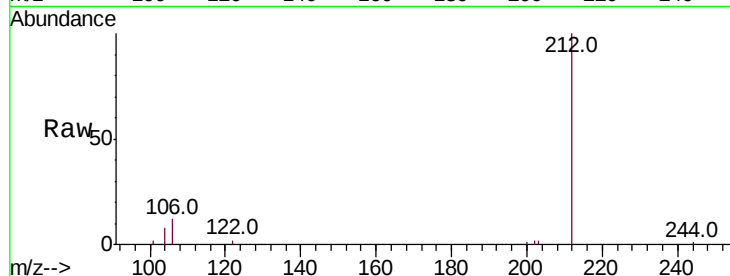
Tot Ion:212 Resp: 5634

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

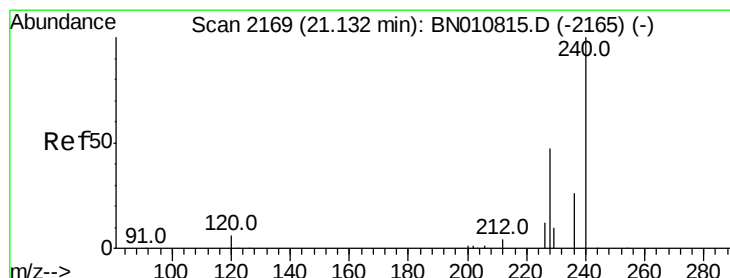
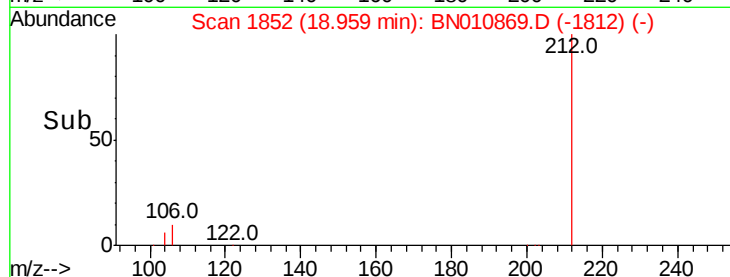
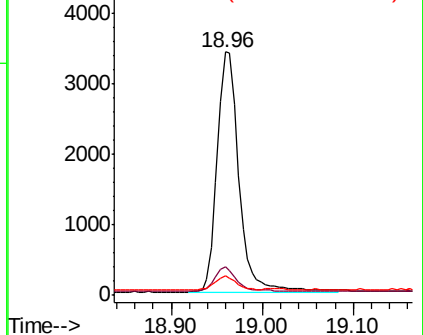
104 5.5 4.0 6.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

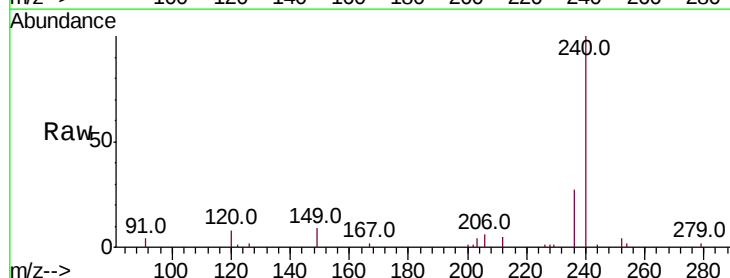
Tgt Ion:240 Resp: 9889

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

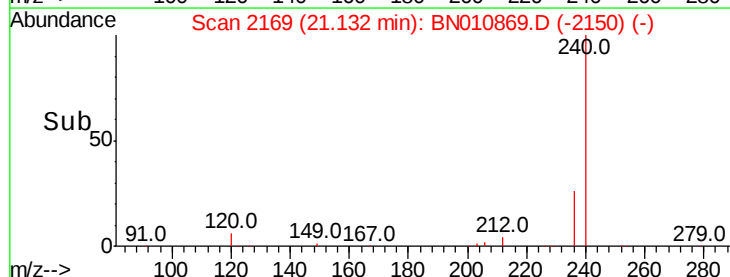
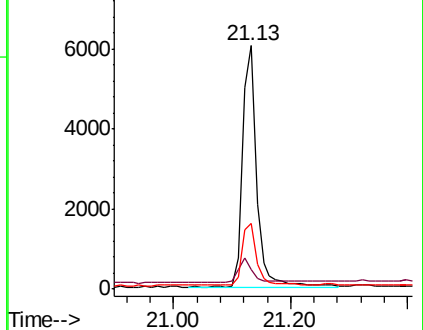
236 27.1 22.3 33.5

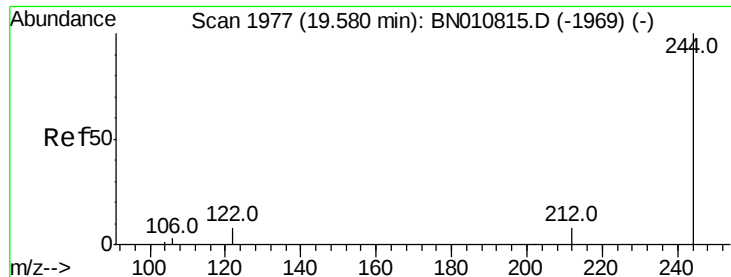


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.237 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

RE134D3-20200608DL

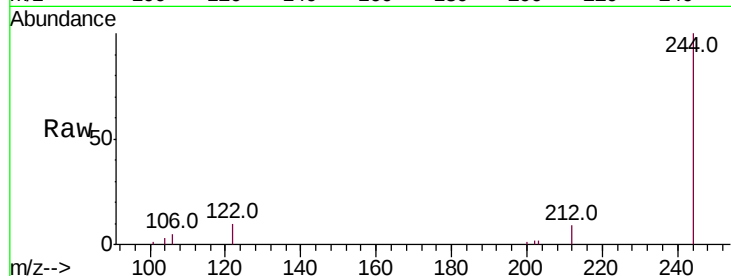
Tot Ion:244 Resp: 5482

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

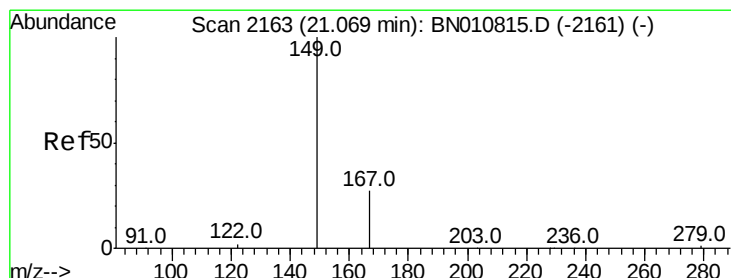
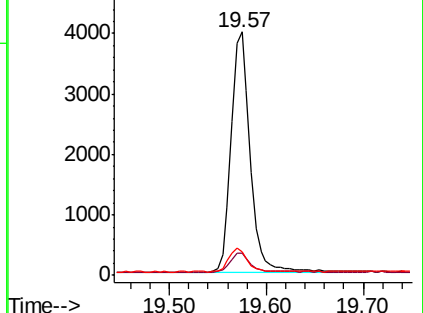
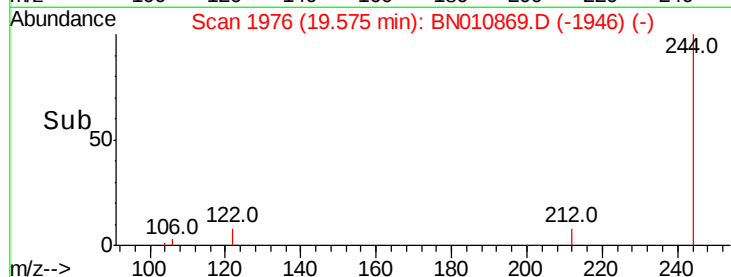
122 9.7 7.5 11.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010869.D

Acq: 15 Jun 2020 11:39

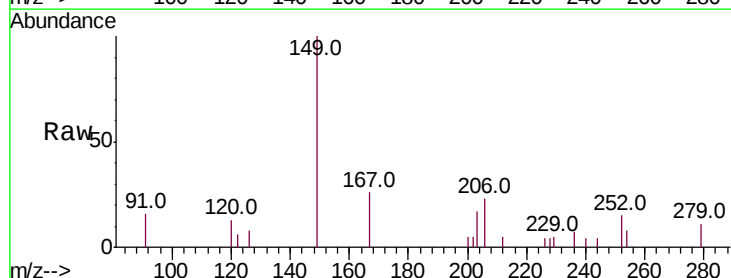
Tgt Ion:149 Resp: 948

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

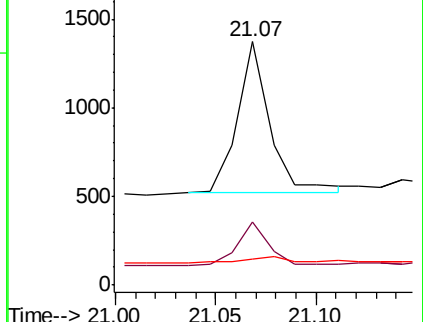
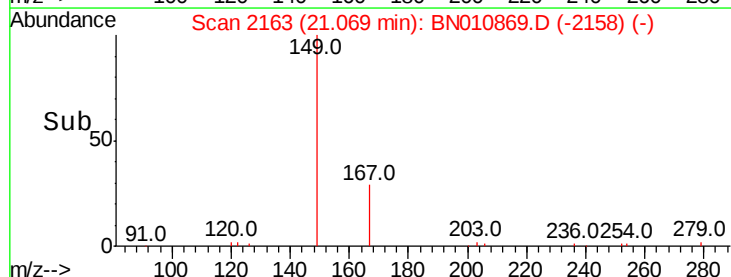
279 4.7 4.6 7.0

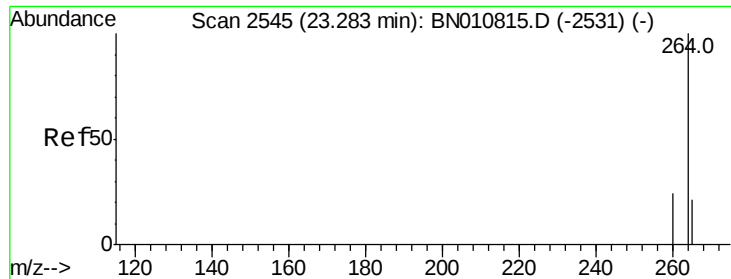


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BN010869.D
Acq: 15 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200608DL

Tot Ion: 264 Resp: 10379

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	78.2	75.0	112.4

