

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010872.D
 Acq On : 15 Jun 2020 13:27
 Operator : CG/JU
 Sample : L2988-20DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609DL

Quant Time: Jun 15 13:59:17 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

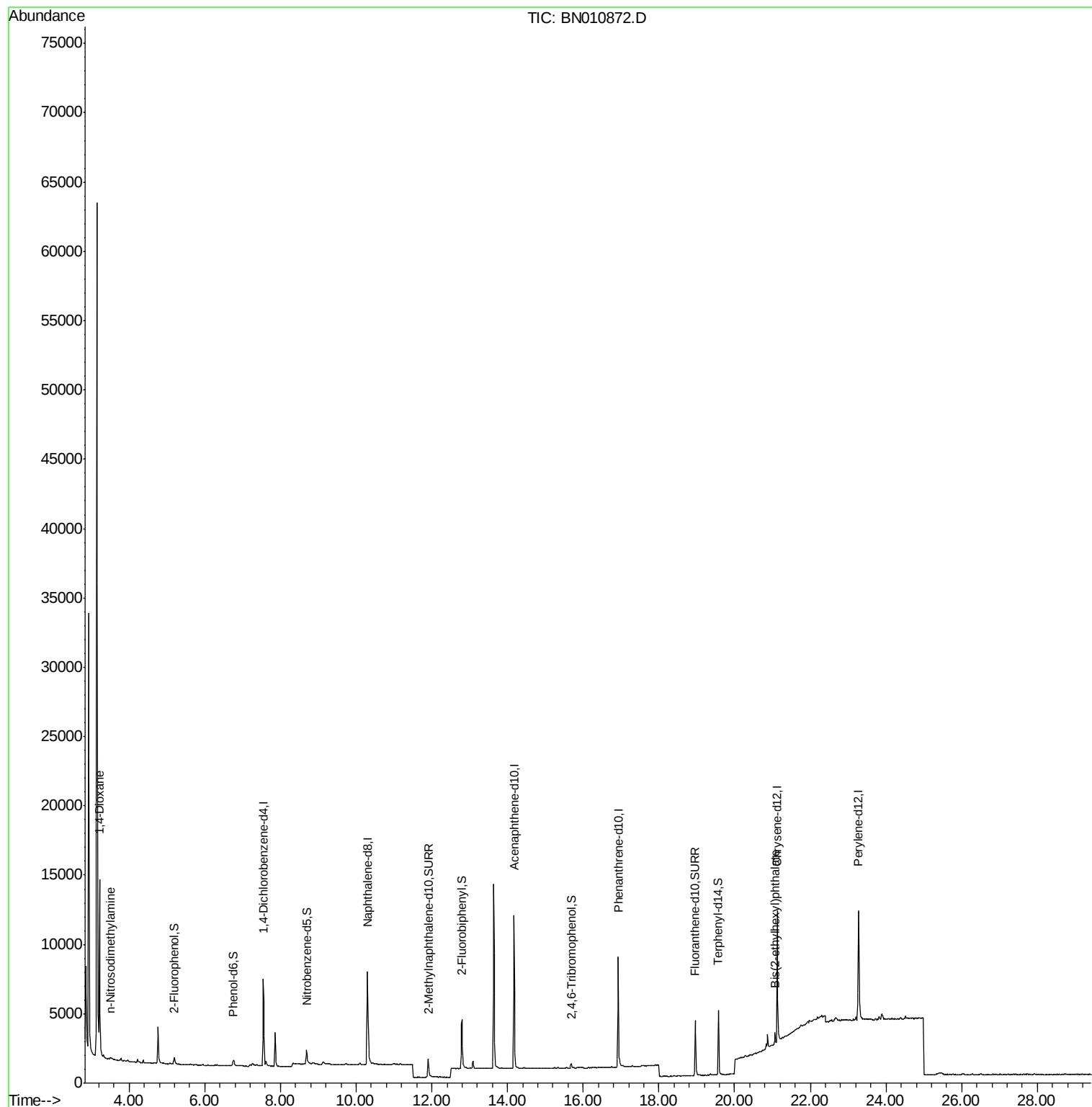
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3260	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11305	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	6298	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12658	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10923	0.40	ng	0.00
34) Perylene-d12	23.28	264	11210	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	474	0.08	ng	0.00
5) Phenol-d6	6.75	99	314	0.04	ng	0.00
8) Nitrobenzene-d5	8.69	82	1390	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	2492	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	310	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	4170	0.17	ng	0.01
25) Fluoranthene-d10	18.96	212	5609	0.16	ng	0.00
29) Terphenyl-d14	19.57	244	5332	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	10480	3.282	ng	97
3) n-Nitrosodimethylamine	3.49	42	49	0.026	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	718	0.067	ng	# 93

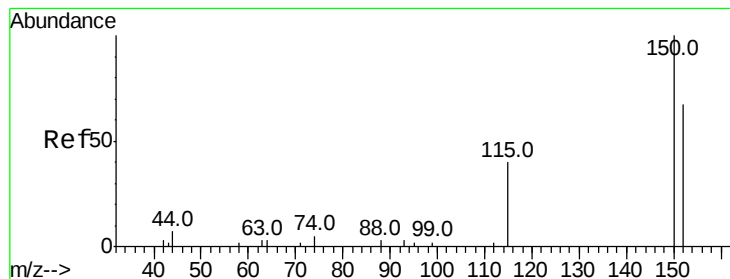
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
Data File : BN010872.D
Acq On : 15 Jun 2020 13:27
Operator : CG/JU
Sample : L2988-20DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609DL

Quant Time: Jun 15 13:59:17 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



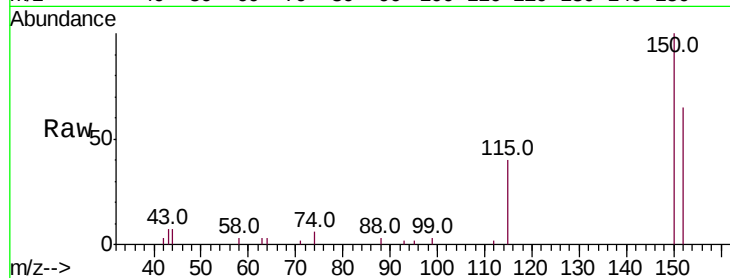


#1

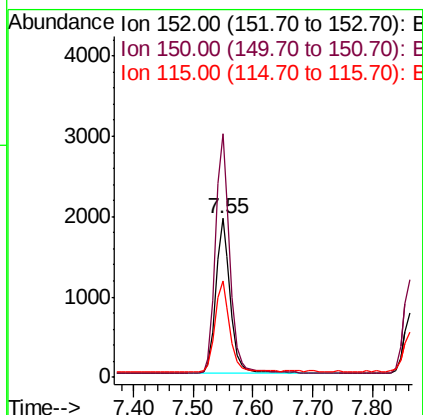
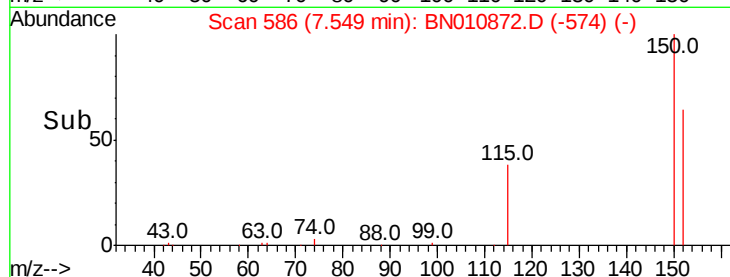
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.55 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609DL

Tot Ion:152 Resp: 3260
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.8 185.6
 115 60.8 49.2 73.8



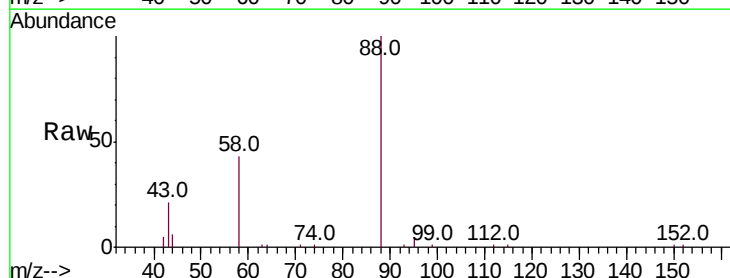
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



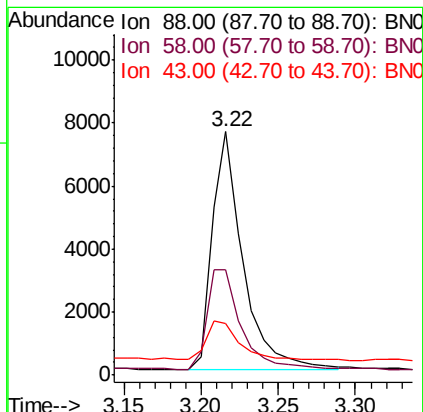
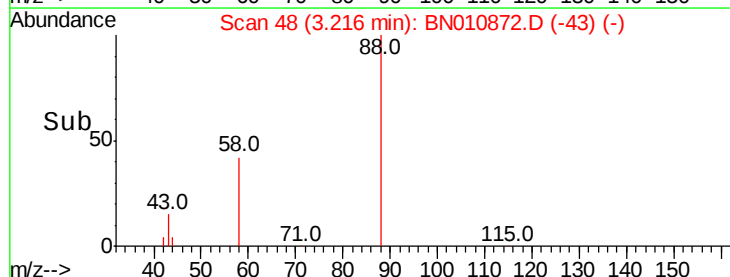
#2

1,4-Dioxane
 Concen: 3.282 ng
 RT: 3.22 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

Tgt Ion: 88 Resp: 10480
 Ion Ratio Lower Upper
 88 100
 58 46.1 38.2 57.4
 43 17.5 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: 0.026 ng

RT: 3.49 min Scan# 82

Delta R.T. -0.06 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

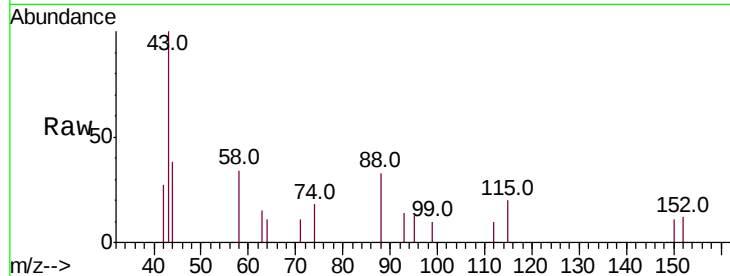
Tot Ion: 42 Resp: 49

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

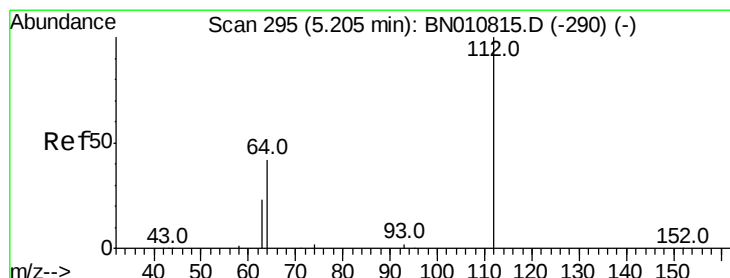
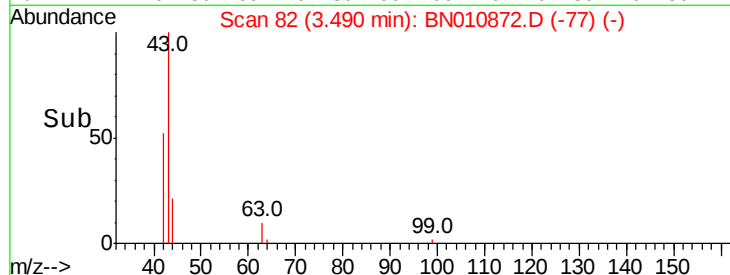
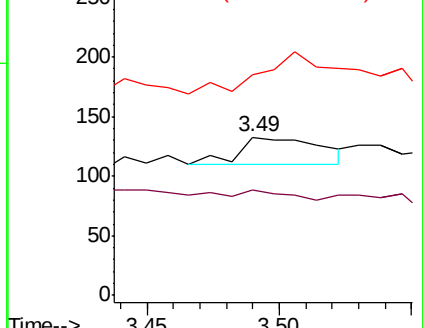
44 208.2 1.4 2.2#



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: 0.075 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

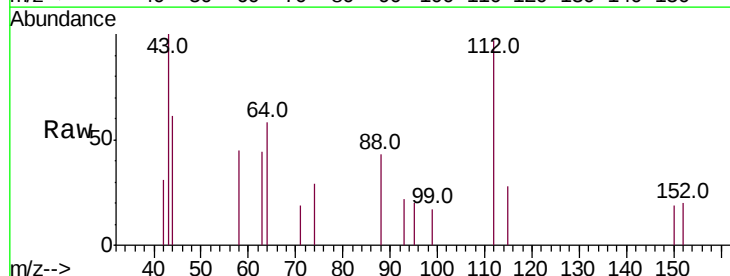
Tgt Ion: 112 Resp: 474

Ion Ratio Lower Upper

112 100

64 44.1 37.4 56.0

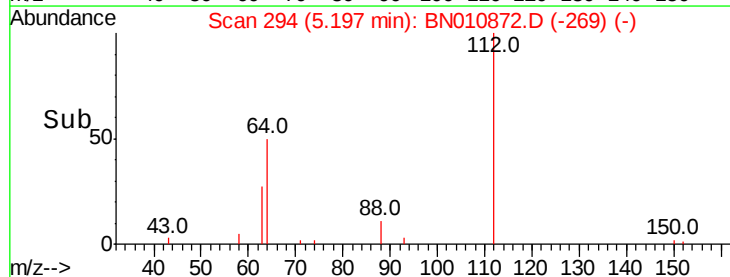
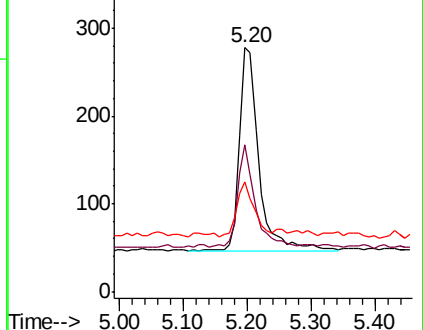
63 24.5 22.2 33.4

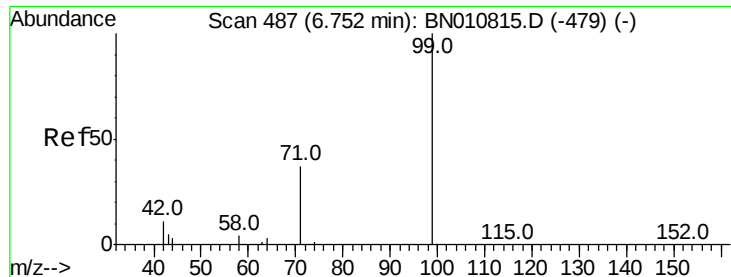


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.042 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

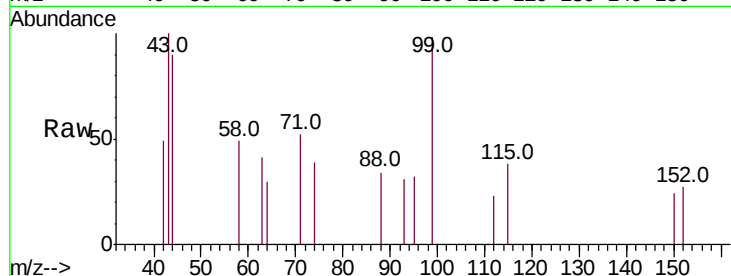
Tot Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 22.9 11.1 16.7#

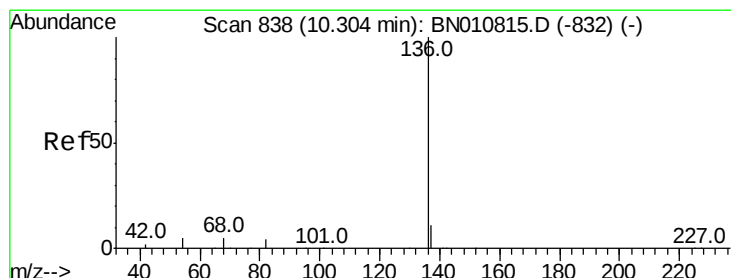
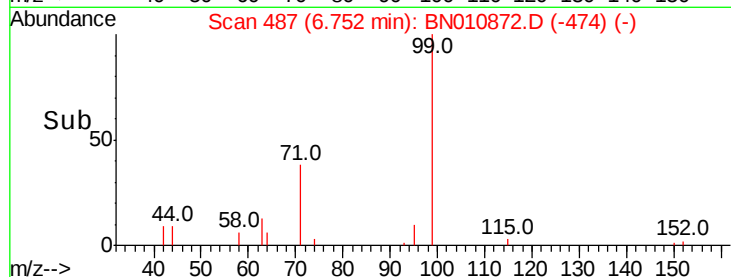
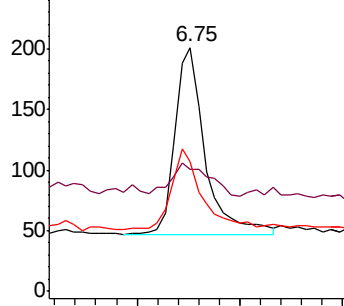
71 43.9 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Tgt Ion: 136 Resp: 11305

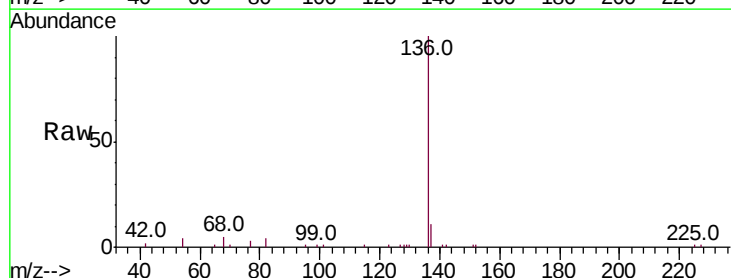
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.1 4.9 7.3#

68 4.5 4.7 7.1#

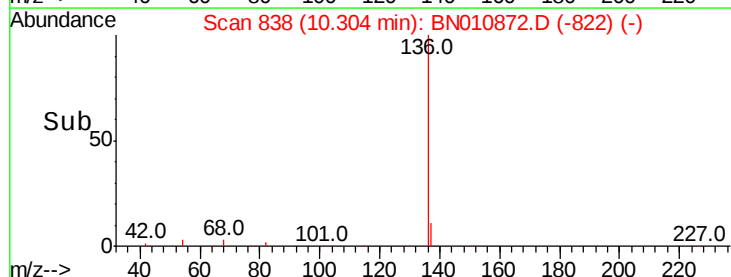
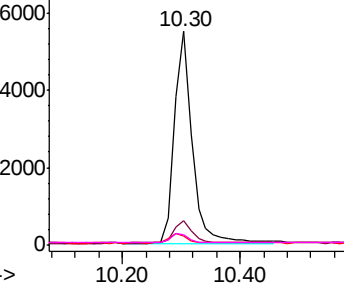


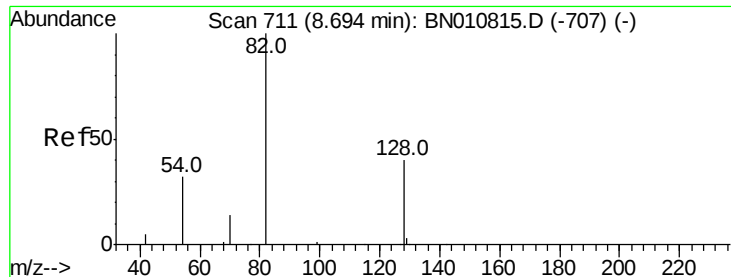
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

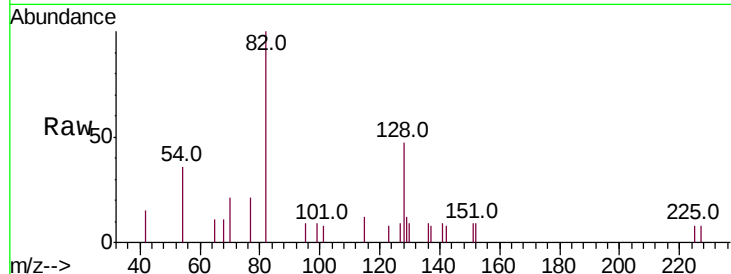




#8
 Nitrobenzene-d5
 Concen: 0.166 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609DL

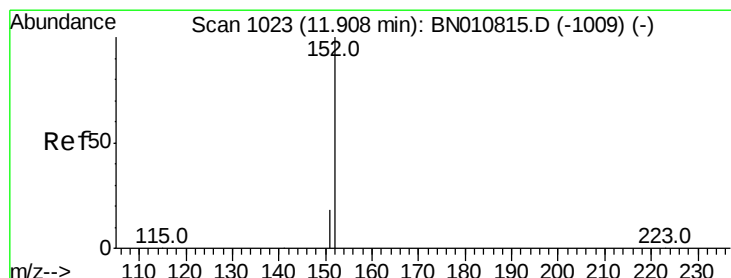
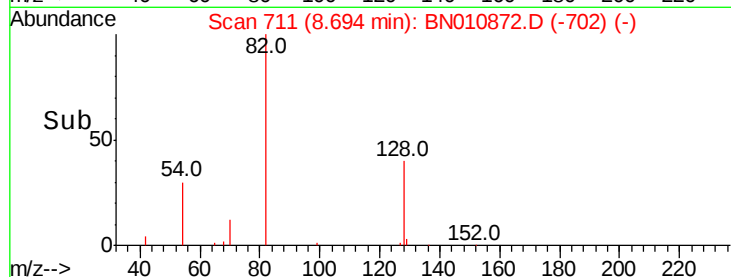
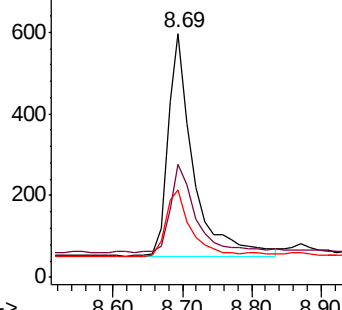
Tot Ion	82	Resp	1390
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.4	53.0
54	35.9	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

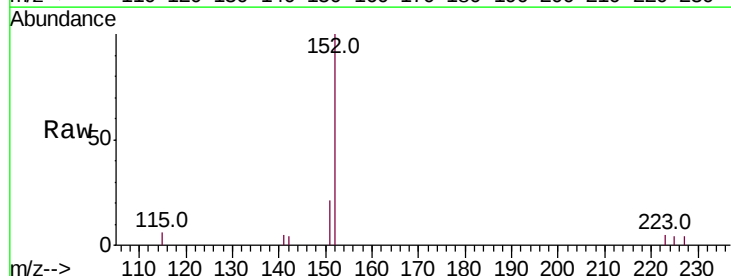
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



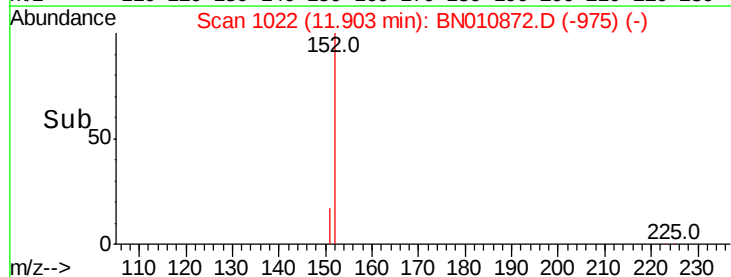
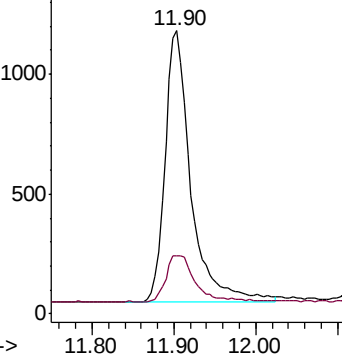
#11
 2-Methylnaphthalene-d10
 Concen: 0.142 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BN010872.D
 Acq: 15 Jun 2020 13:27

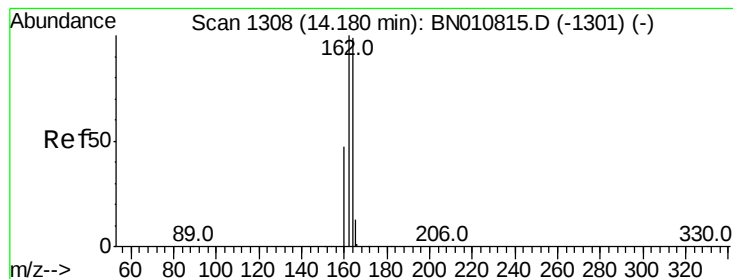
Tgt Ion	152	Resp	2492
Ion Ratio	Lower	Upper	
152	100		
151	18.1	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

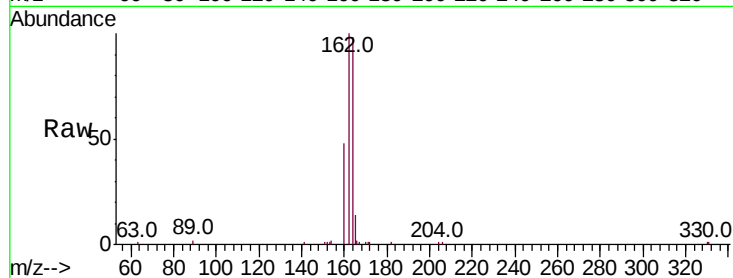
Tot Ion:164 Resp: 6298

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.6

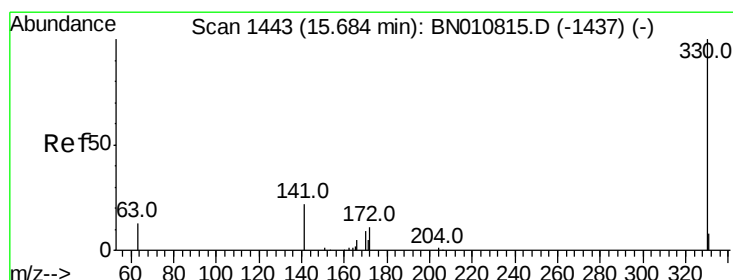
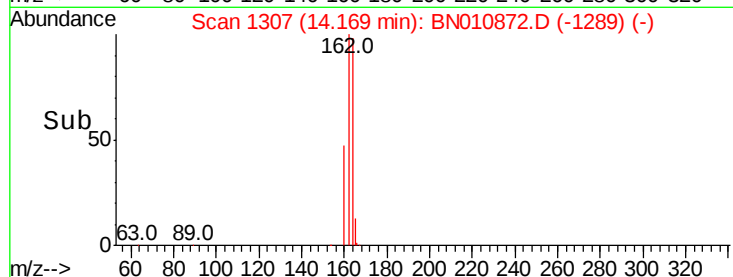
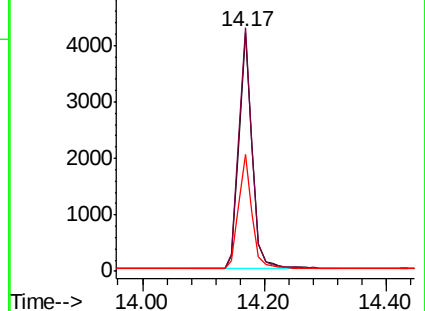
160 48.8 38.9 58.3



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: 0.138 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

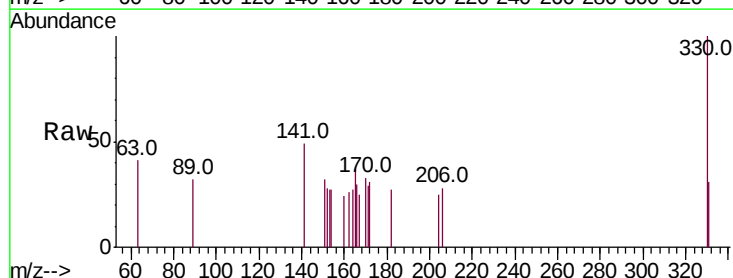
Tgt Ion:330 Resp: 310

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

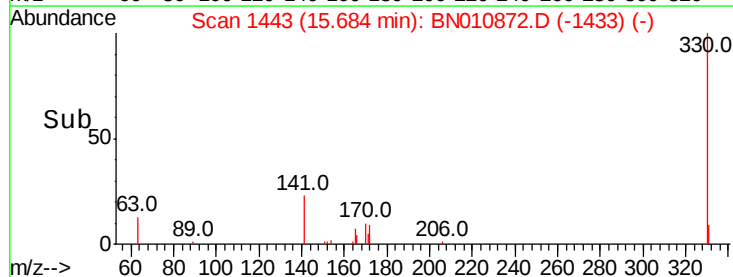
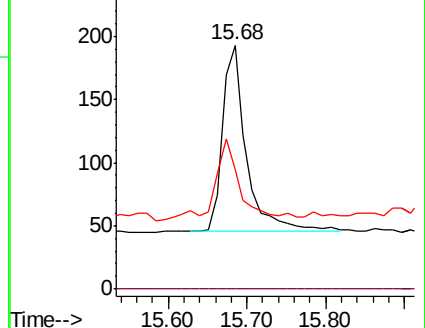
141 44.5 33.2 49.8

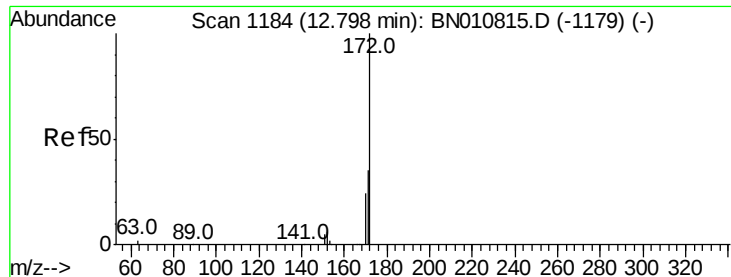


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

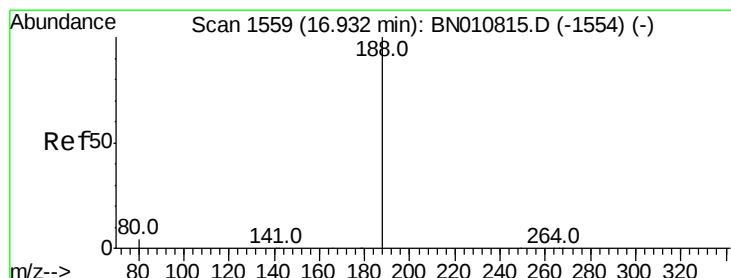
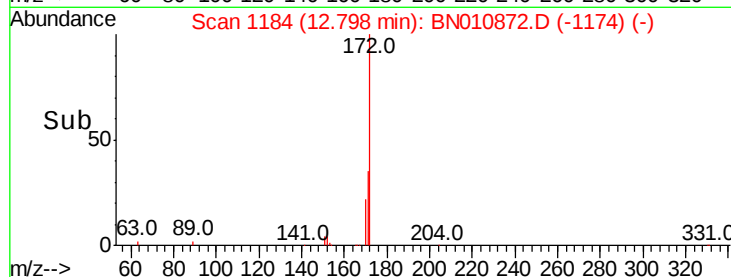
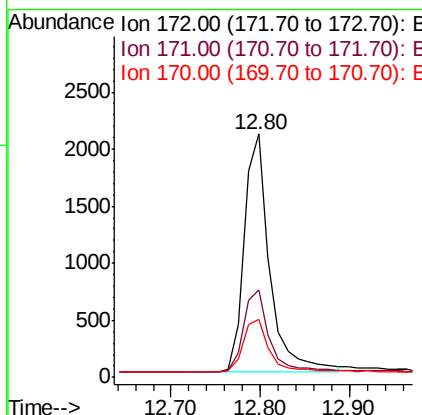
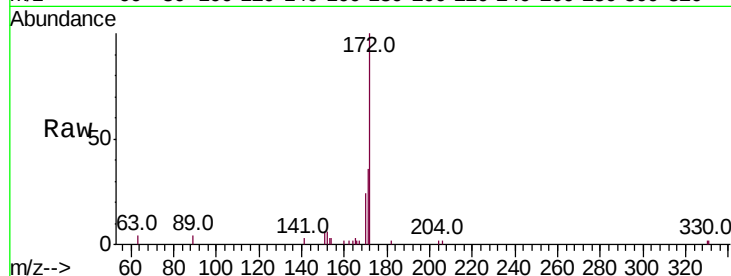




#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

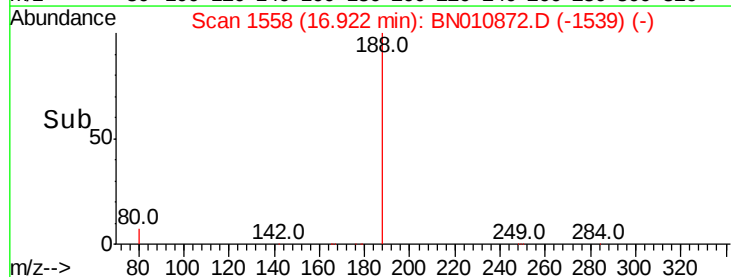
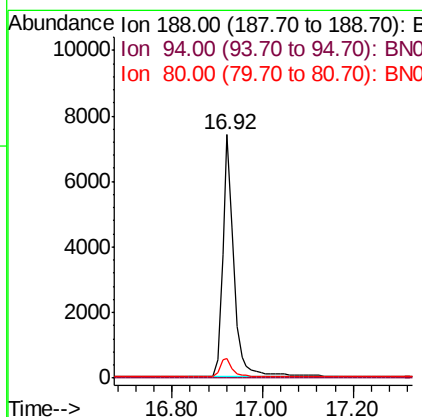
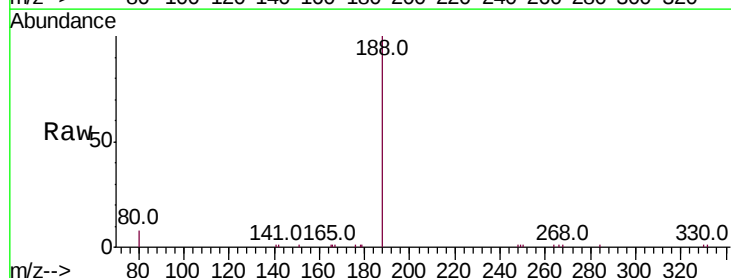
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609DL

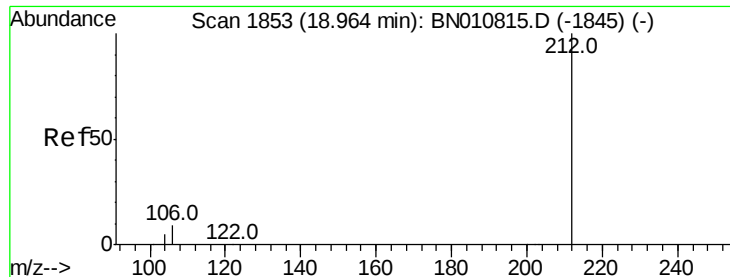
Tot Ion:172 Resp: 4170
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010872.D
Acq: 15 Jun 2020 13:27

Tgt Ion:188 Resp: 12658
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.161 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

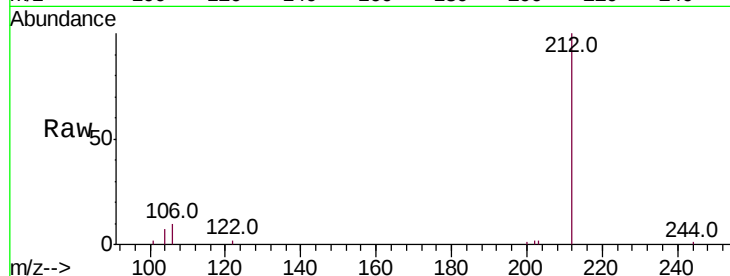
Tot Ion:212 Resp: 5609

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

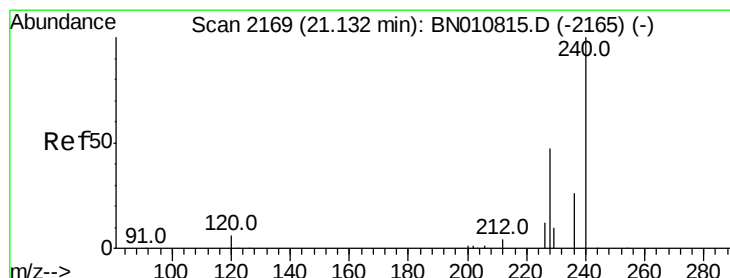
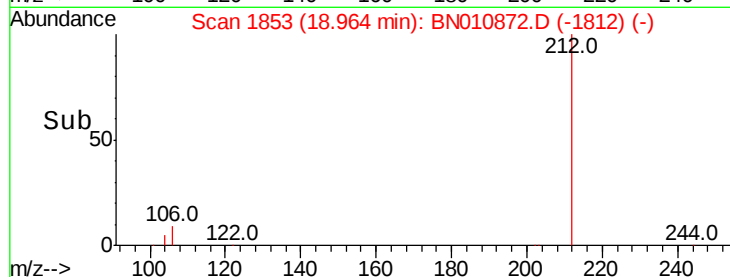
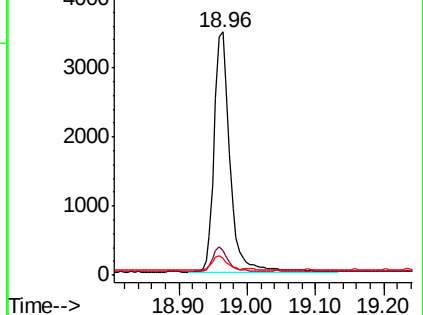
104 5.6 4.0 6.0



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: BN010872.D

Acq: 15 Jun 2020 13:27

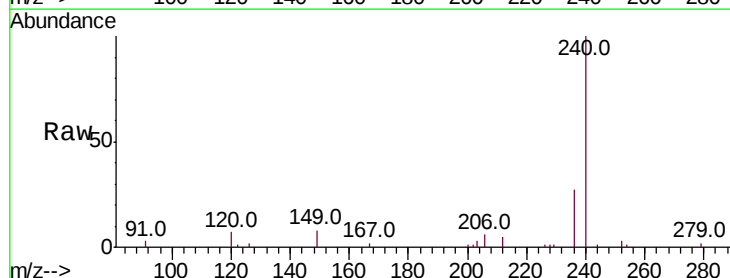
Tgt Ion:240 Resp: 10923

Ion Ratio Lower Upper

240 100

120 7.2 7.5 11.3#

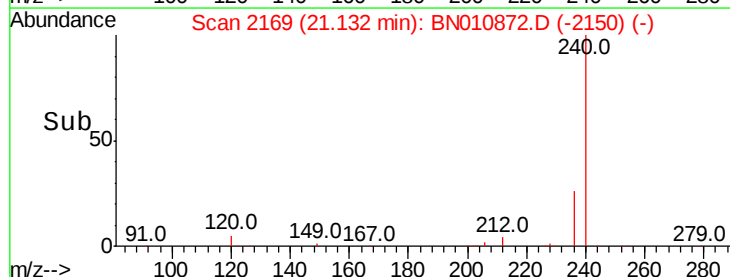
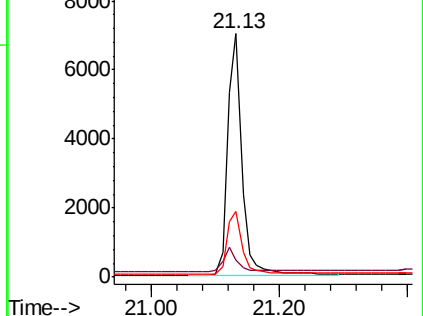
236 27.2 22.3 33.5

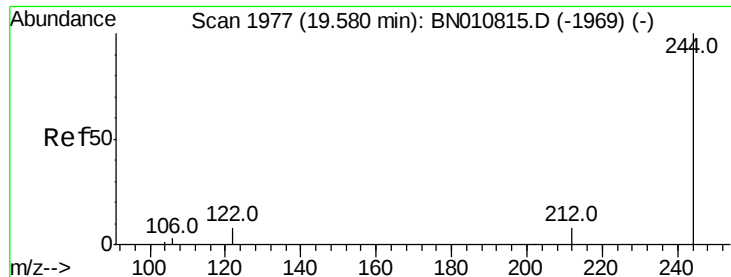


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.209 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

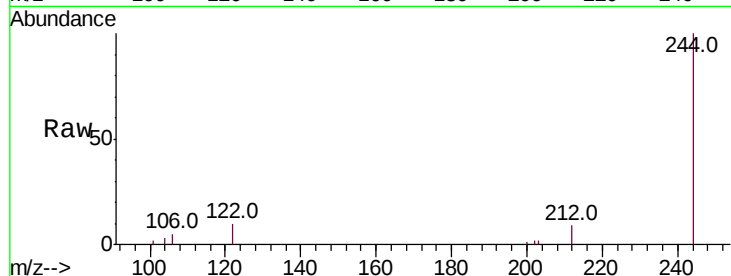
Tot Ion:244 Resp: 5332

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

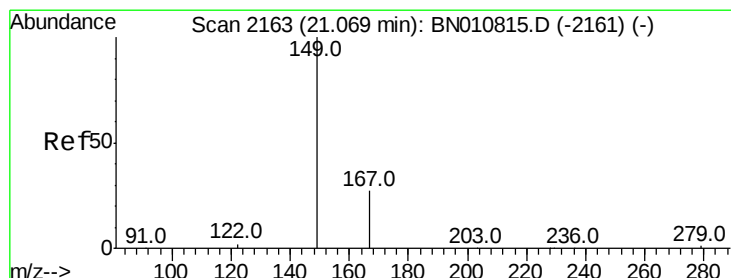
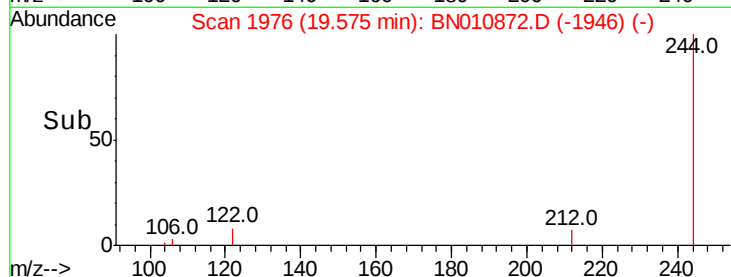
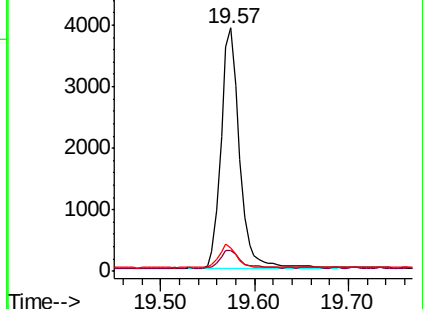
122 9.7 7.5 11.3



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: 0.067 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

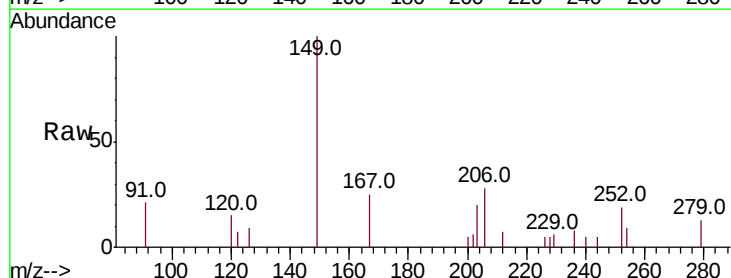
Tgt Ion:149 Resp: 718

Ion Ratio Lower Upper

149 100

167 26.7 24.1 36.1

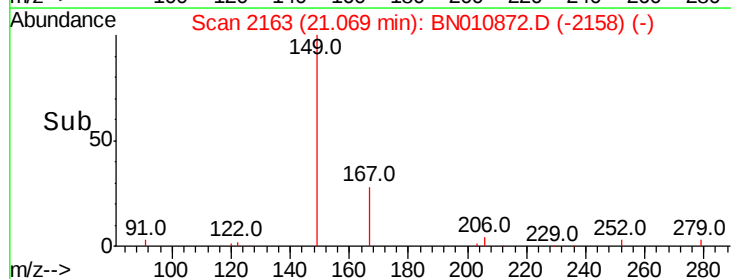
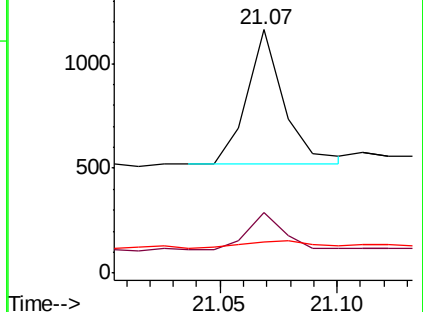
279 9.5 4.6 7.0#

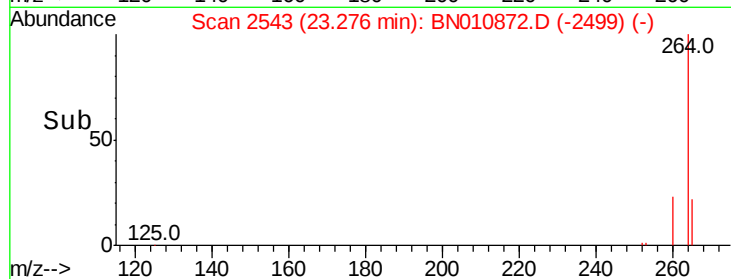
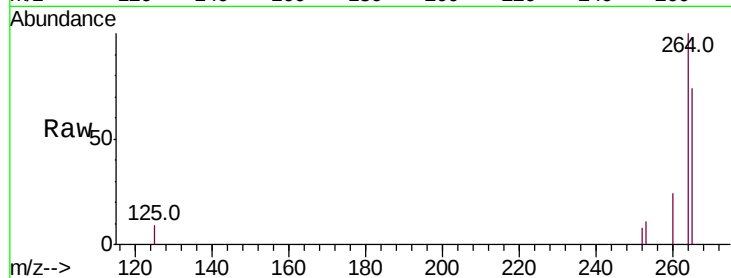
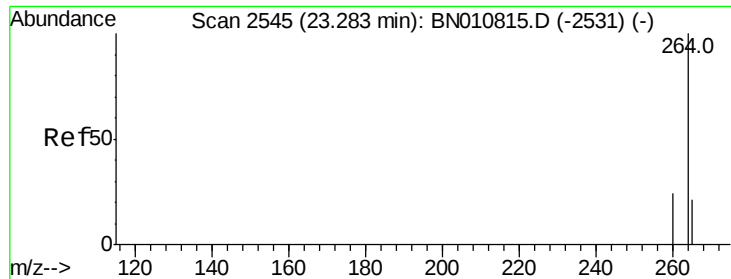


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BN010872.D

Acq: 15 Jun 2020 13:27

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609DL

Tot Ion:264 Resp: 11210

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 74.2 75.0 112.4#

