

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010890.D
 Acq On : 16 Jun 2020 04:24
 Operator : CG/JU
 Sample : L2989-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609

Quant Time: Jun 16 05:41:12 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

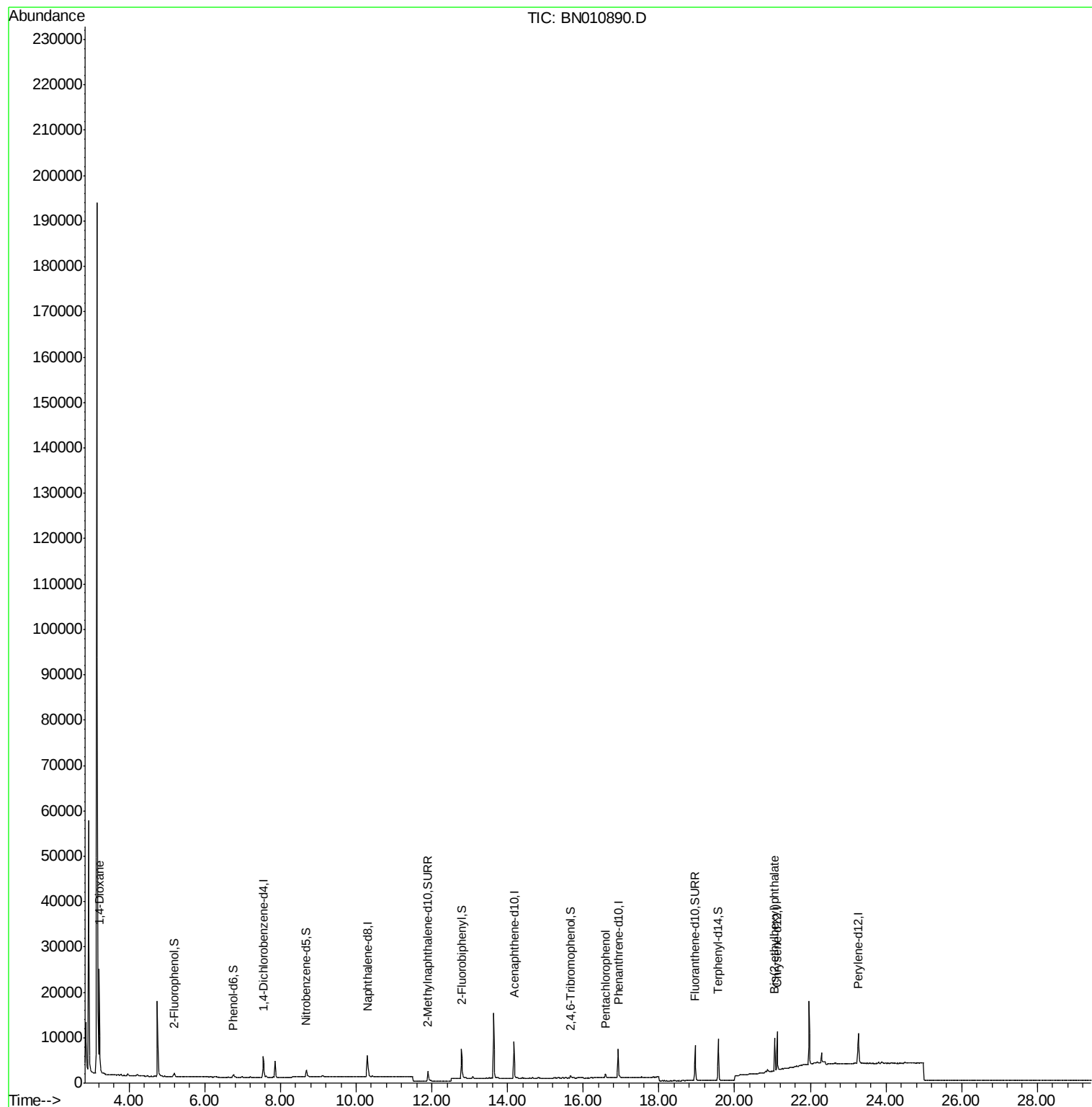
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2510	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8704	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4800	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9690	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8887	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9087	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	703	0.15	ng	0.00
5) Phenol-d6	6.74	99	483	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2080	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	3731	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	540	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6687	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	9959	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	10161	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	16997	6.913	ng	96
22) Pentachlorophenol	16.58	266	577	0.283	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	6962	0.799	ng	97

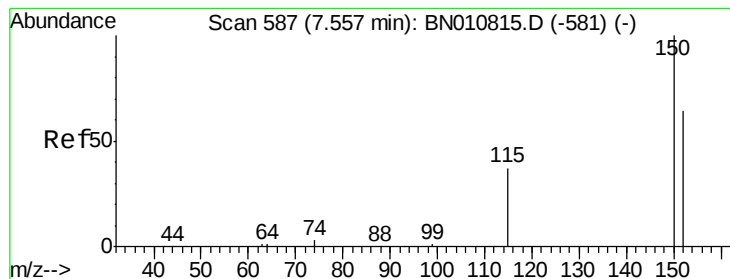
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010890.D
Acq On : 16 Jun 2020 04:24
Operator : CG/JU
Sample : L2989-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609

Quant Time: Jun 16 05:41:12 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



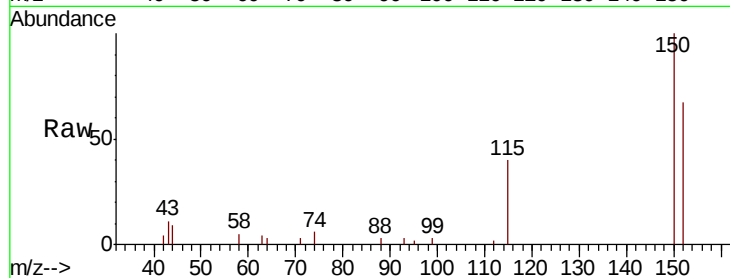


#1

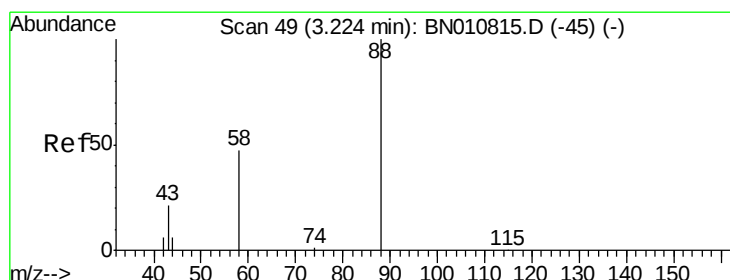
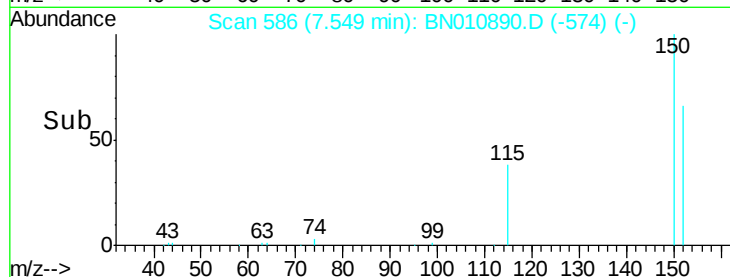
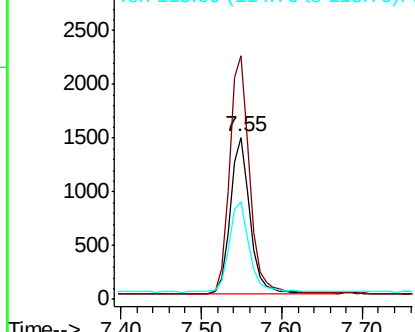
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609

Tot Ion:152 Resp: 2510
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.6
115 60.5 49.2 73.8



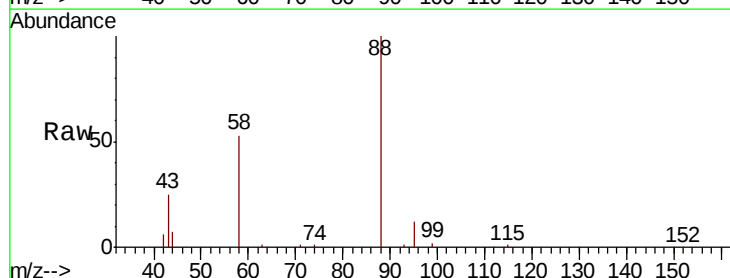
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



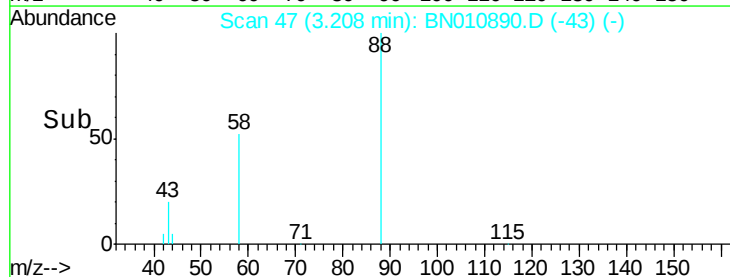
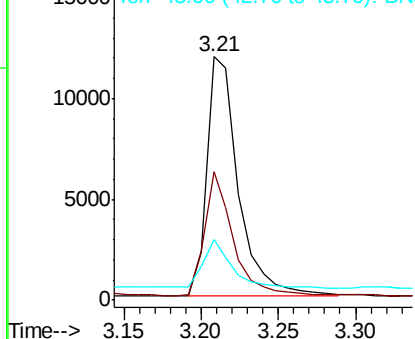
#2

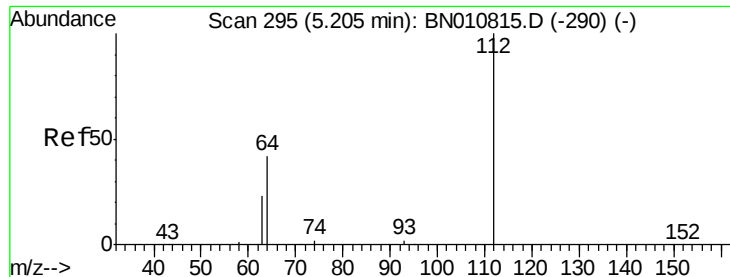
1,4-Dioxane
Concen: 6.913 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Tgt Ion: 88 Resp: 16997
Ion Ratio Lower Upper
88 100
58 45.0 38.2 57.4
43 18.0 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





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

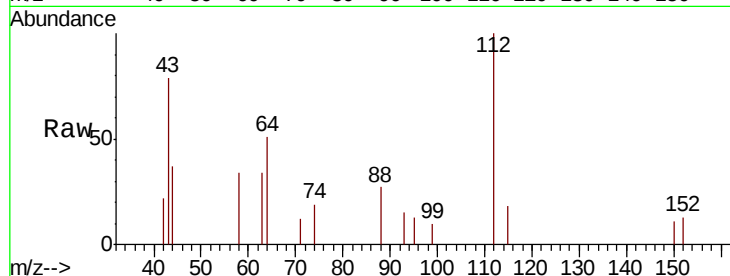
Tot Ion: 112 Resp: 703

Ion Ratio Lower Upper

112 100

64 45.8 37.4 56.0

63 27.9 22.2 33.4



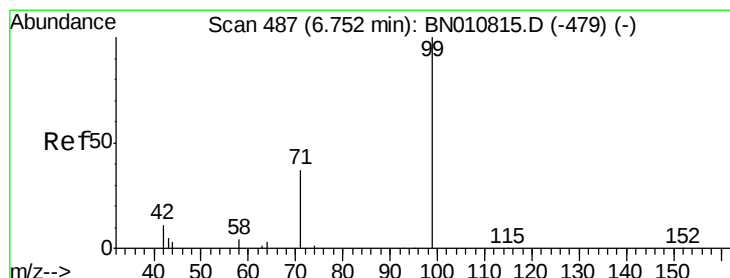
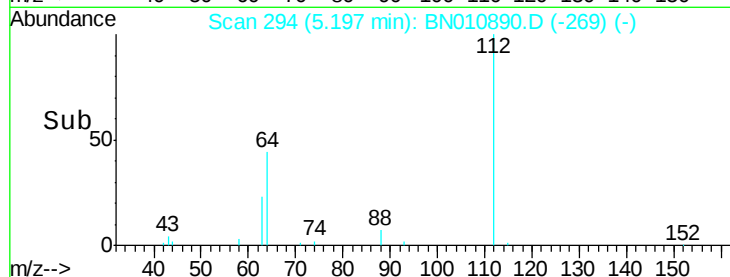
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.20

Time-->



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

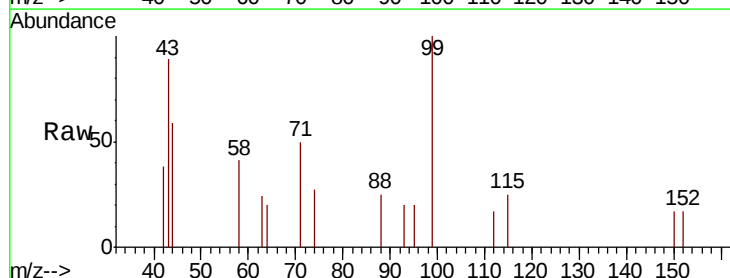
Tgt Ion: 99 Resp: 483

Ion Ratio Lower Upper

99 100

42 23.2 11.1 16.7#

71 44.7 31.4 47.2



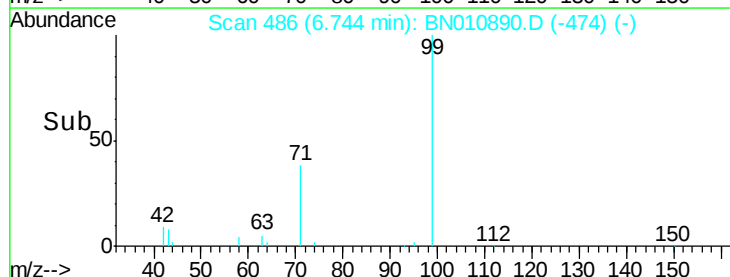
Abundance Ion 99.00 (98.70 to 99.70): BNO

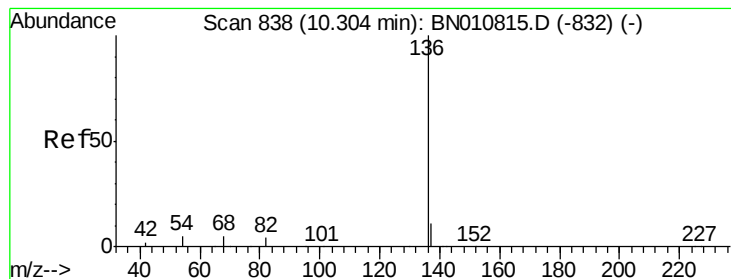
Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.74

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

Tot Ion:136 Resp: 8704

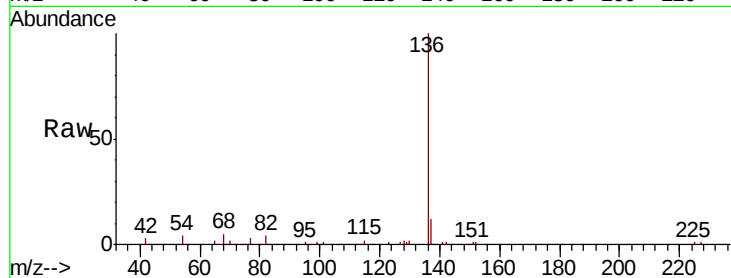
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 4.1 4.9 7.3#

68 4.8 4.7 7.1

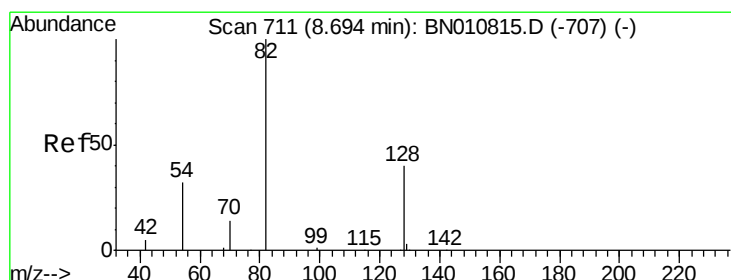
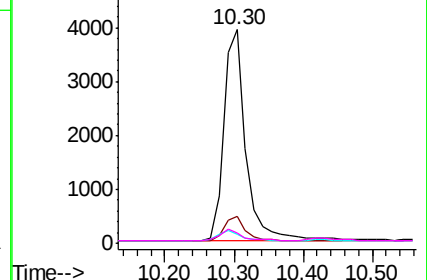
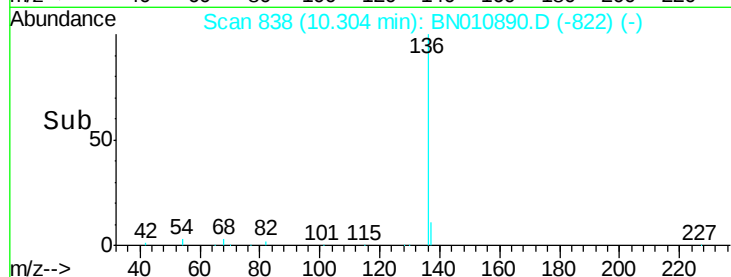


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

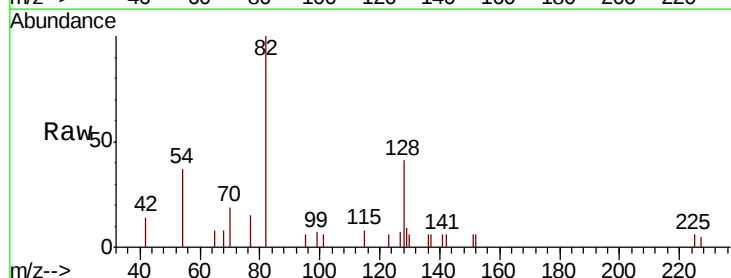
Tgt Ion: 82 Resp: 2080

Ion Ratio Lower Upper

82 100

128 41.2 35.4 53.0

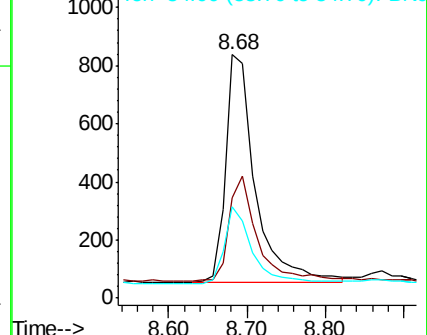
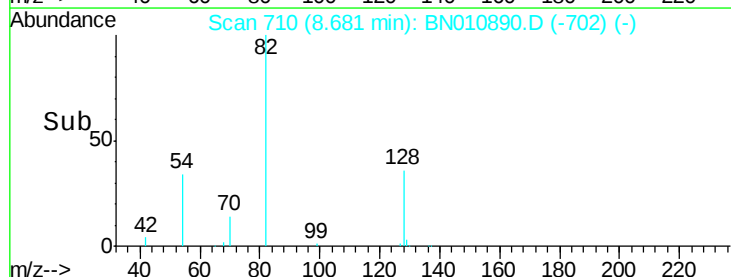
54 37.4 28.2 42.4

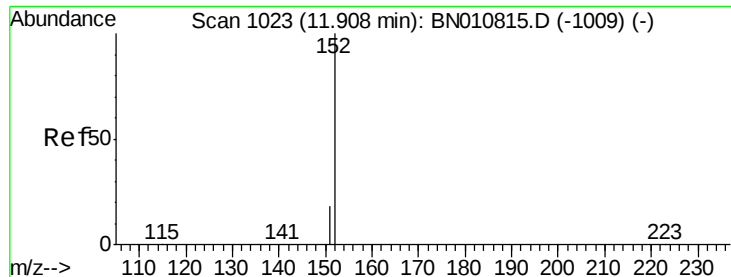


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

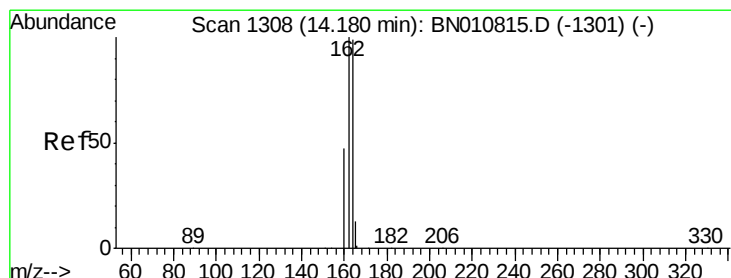
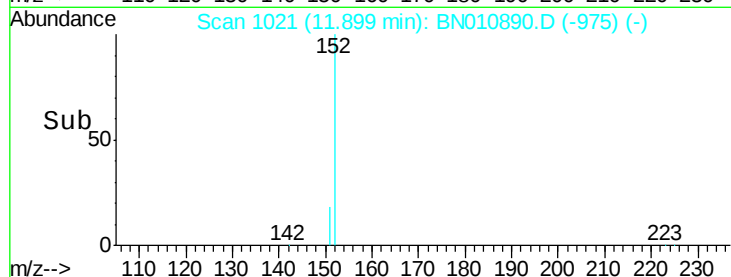
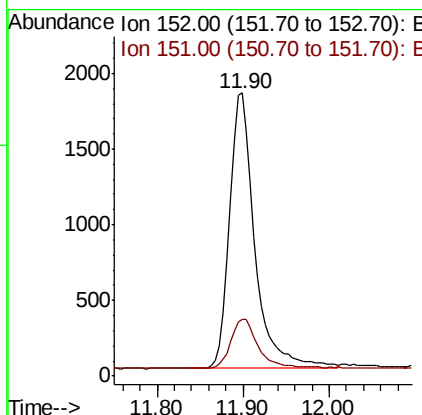
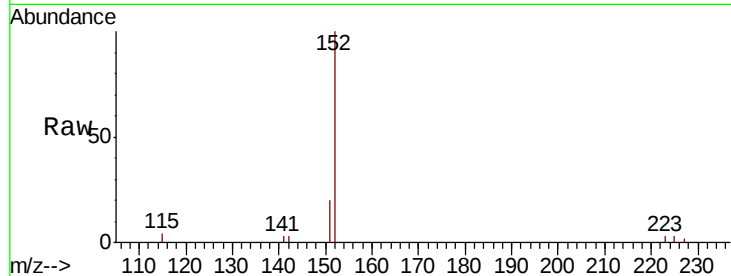




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

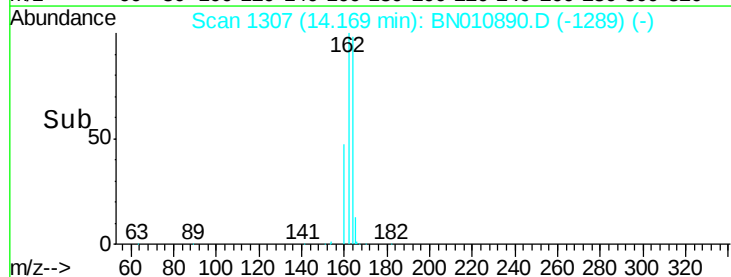
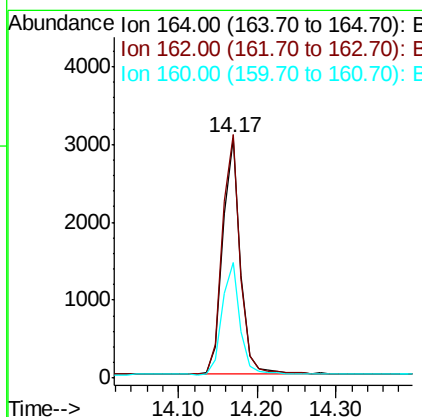
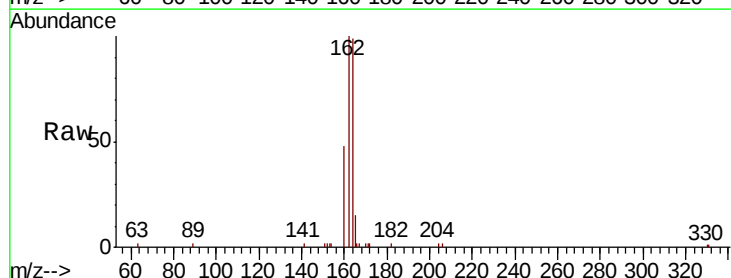
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609

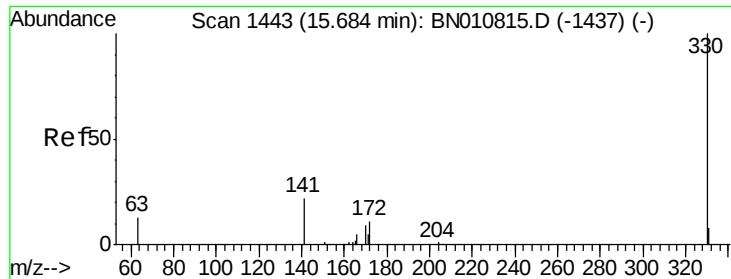
Tot Ion:152 Resp: 3731
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Tgt Ion:164 Resp: 4800
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 48.2 38.9 58.3

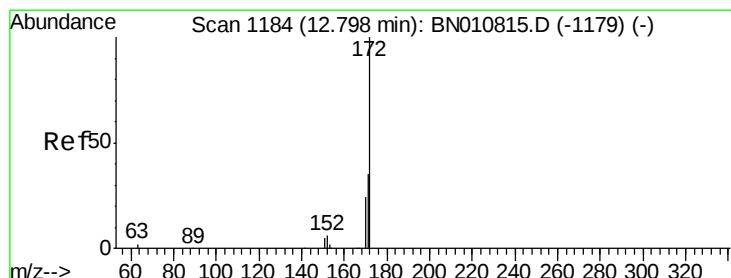
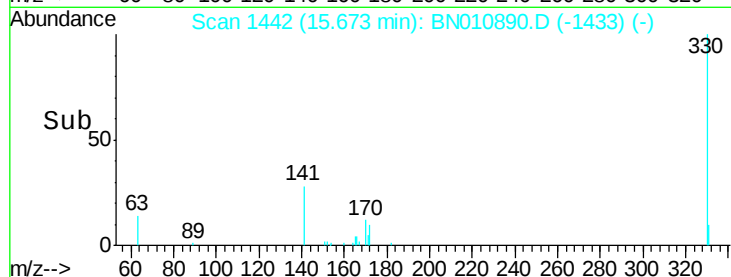
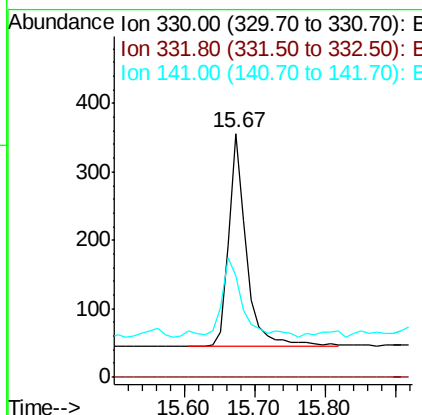
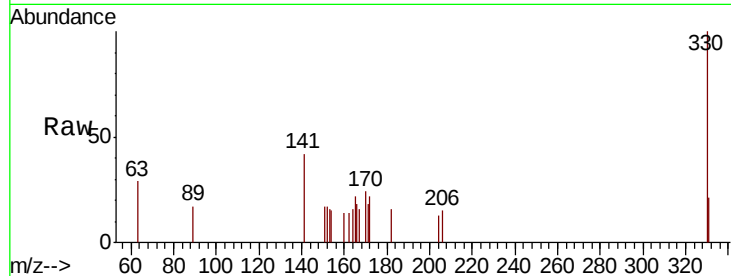




#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 15.67 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

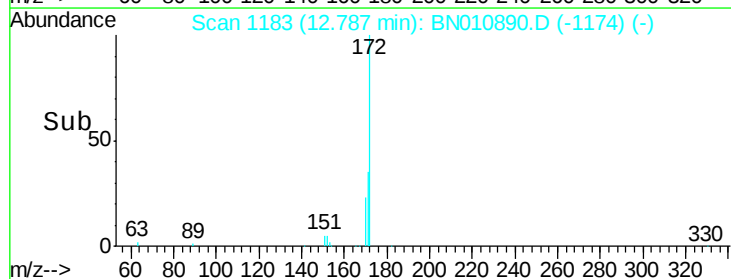
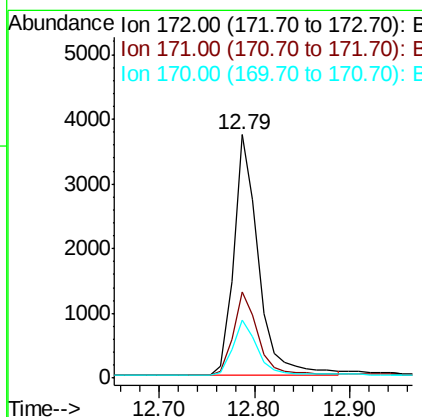
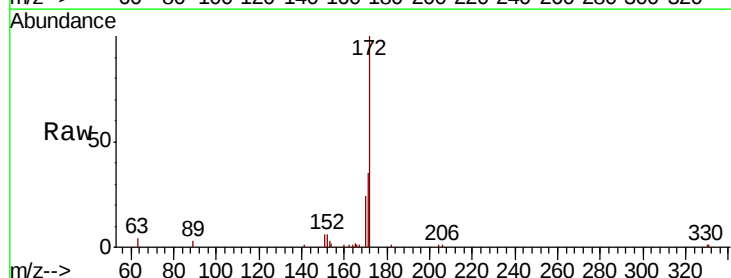
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609

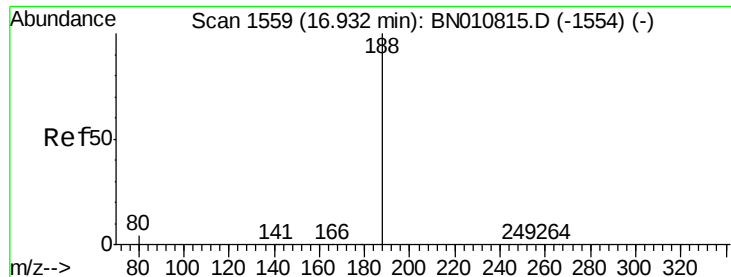
Tot Ion:330 Resp: 540
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.0 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.353 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

Tgt Ion:172 Resp: 6687
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.0 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: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

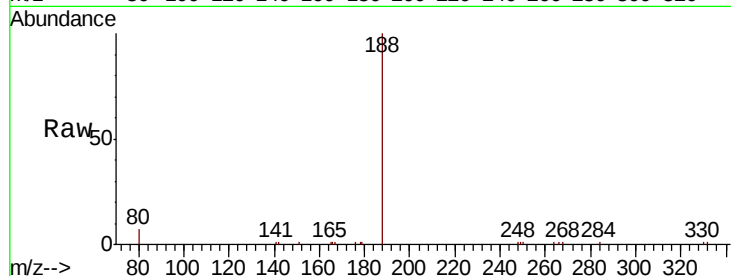
Tot Ion:188 Resp: 9690

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 4.5 6.7#



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

16.92

8000

6000

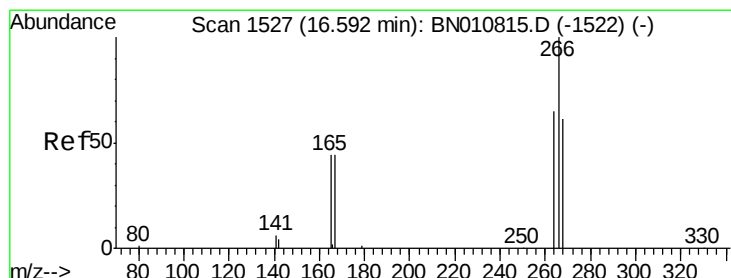
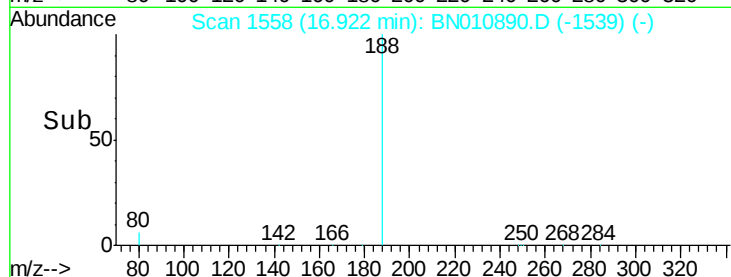
4000

2000

0

Time-->

16.80 16.90 17.00



#22

Pentachlorophenol

Concen: 0.283 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

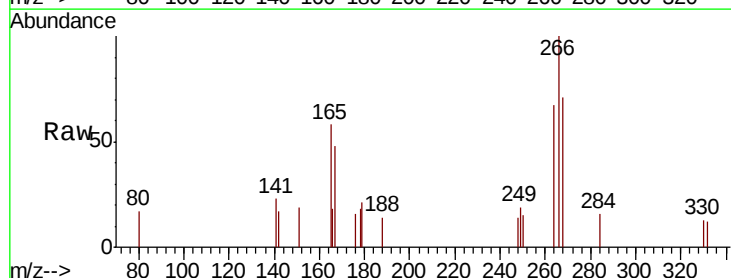
Tgt Ion:266 Resp: 577

Ion Ratio Lower Upper

266 100

264 66.6 54.8 82.2

268 70.5 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.58

400

300

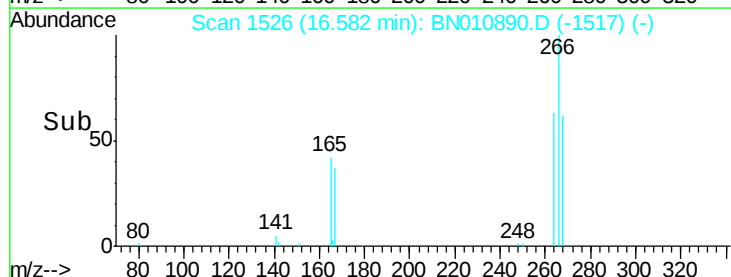
200

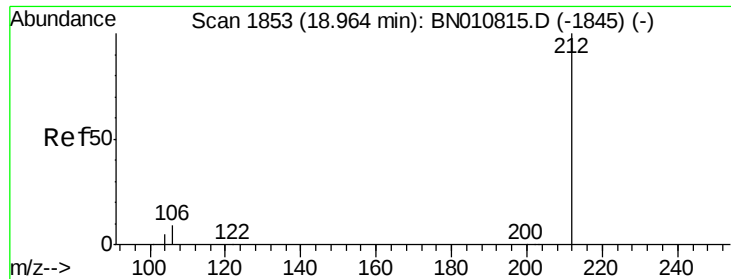
100

0

Time-->

16.50 16.60 16.70





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

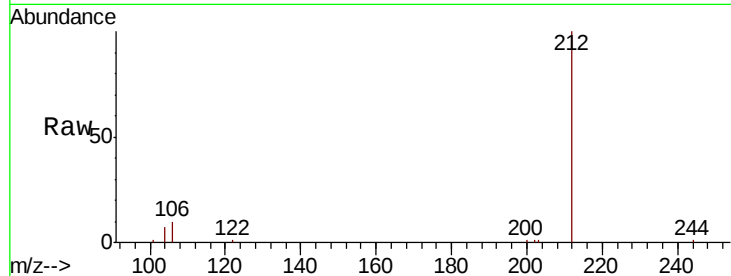
Tot Ion:212 Resp: 9959

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

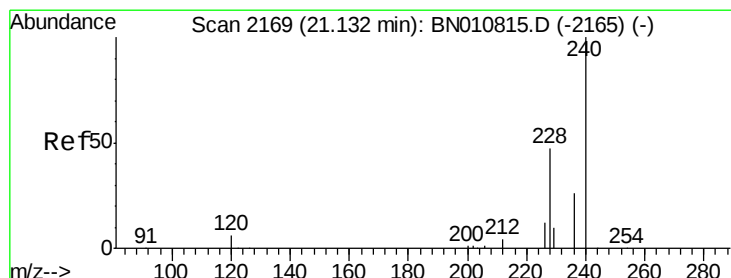
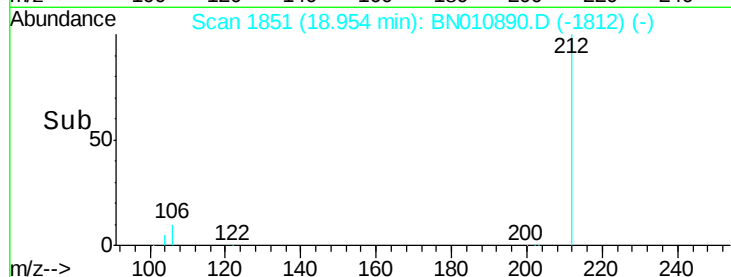
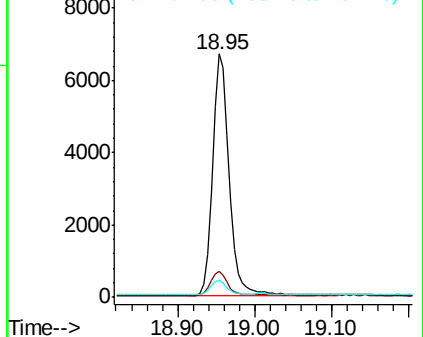
104 5.7 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

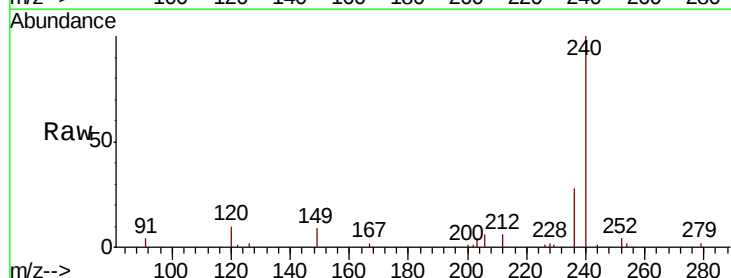
Tgt Ion:240 Resp: 8887

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

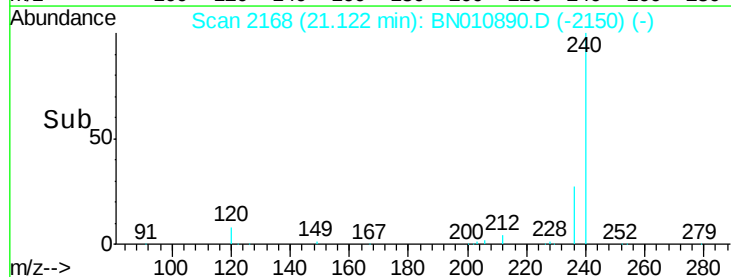
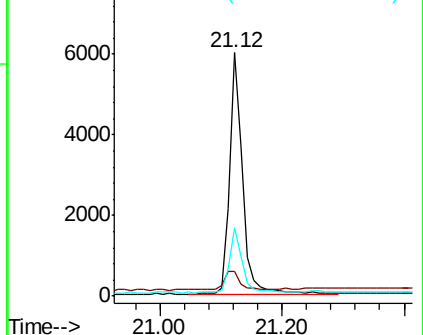
236 28.2 22.3 33.5

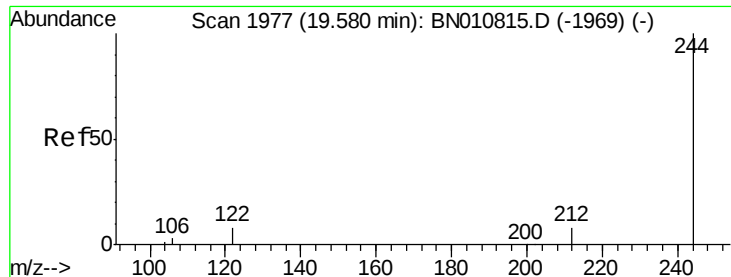


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.488 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

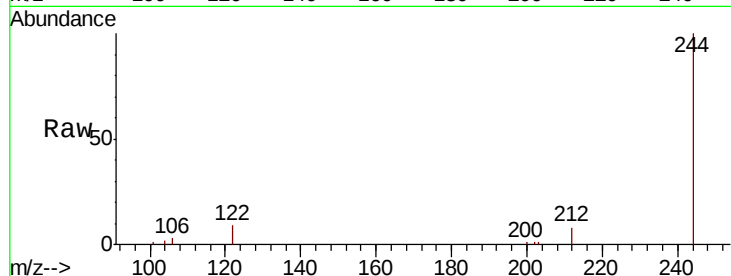
Tot Ion:244 Resp: 10161

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

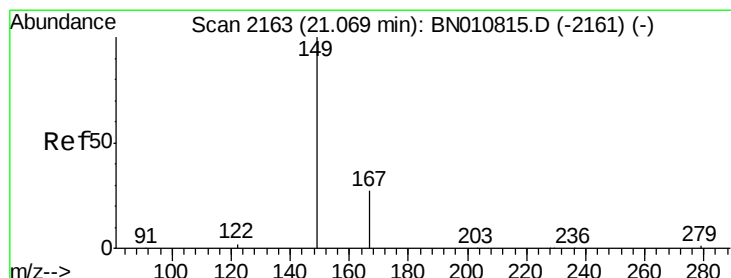
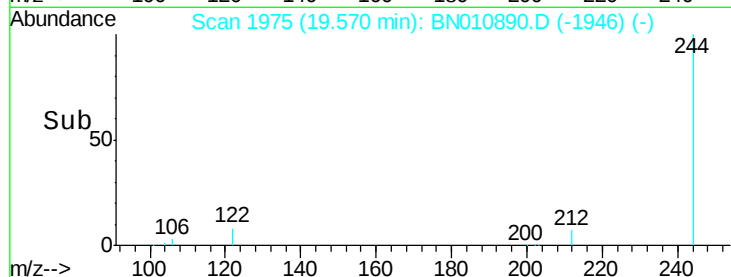
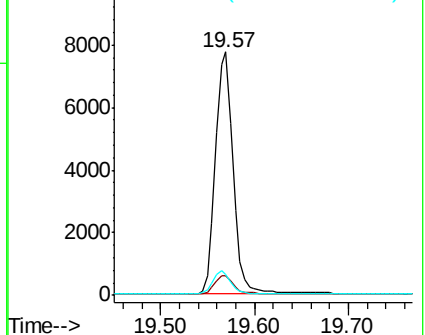
122 8.6 7.5 11.3



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: 0.799 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

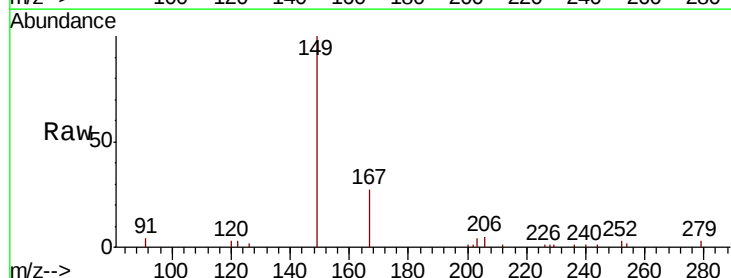
Tgt Ion:149 Resp: 6962

Ion Ratio Lower Upper

149 100

167 28.2 24.1 36.1

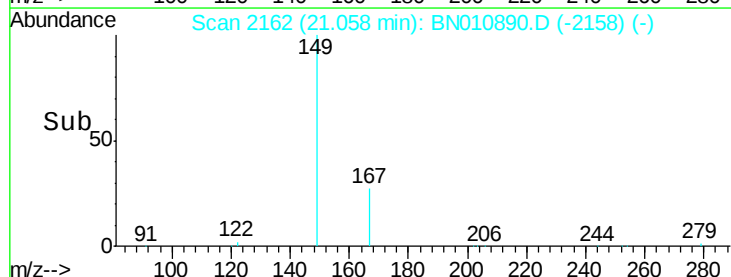
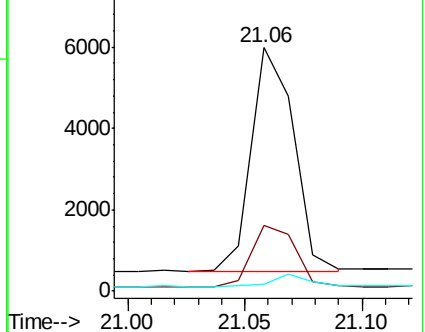
279 4.8 4.6 7.0

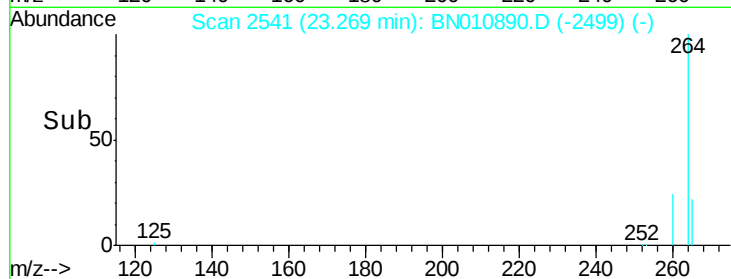
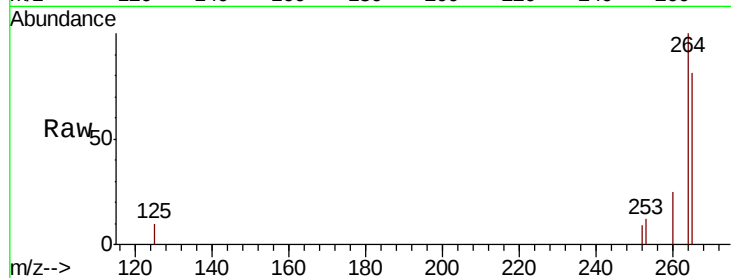
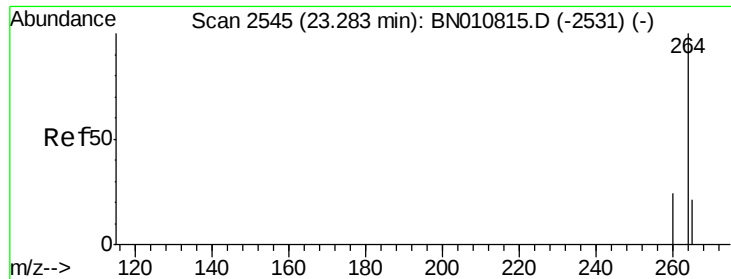


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609

Tot Ion: 264 Resp: 9087

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 80.9 75.0 112.4

