

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010861.D
 Acq On : 13 Jun 2020 02:42
 Operator : CG/JU
 Sample : L2988-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609

Quant Time: Jun 13 03:26:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 11:11:17 2020
 Response via : Initial Calibration

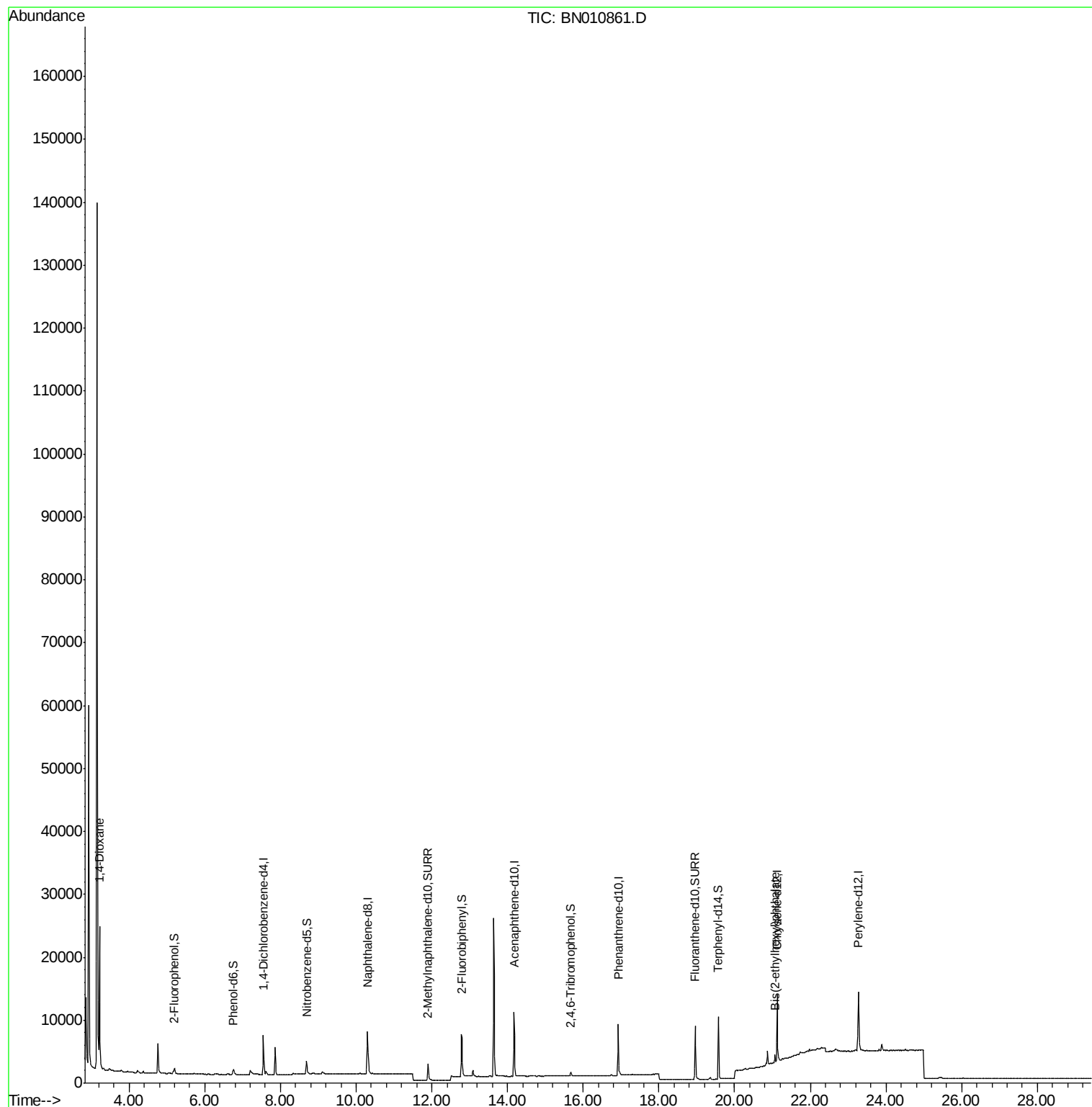
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3016	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10661	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5978	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	12392	0.40	ng	0.00
27) Chrysene-d12	21.12	240	12043	0.40	ng	-0.01
34) Perylene-d12	23.27	264	12696	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	853	0.15	ng	0.00
5) Phenol-d6	6.75	99	556	0.08	ng	0.00
8) Nitrobenzene-d5	8.69	82	2458	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4479	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	596	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	7350	0.31	ng	0.00
25) Fluoranthene-d10	18.96	212	10985	0.32	ng	0.00
29) Terphenyl-d14	19.57	244	10460	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	18334	6.206	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	1095	0.093	ng	# 89

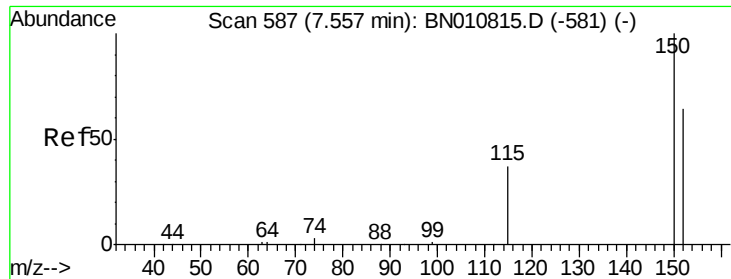
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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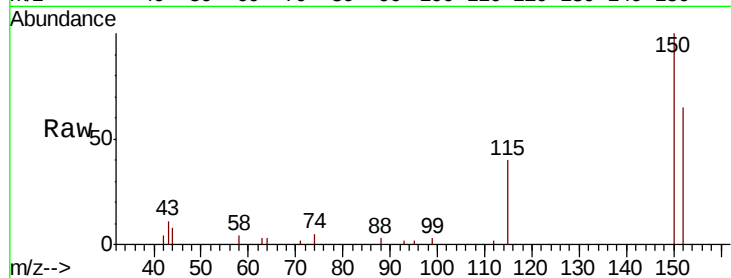


#1

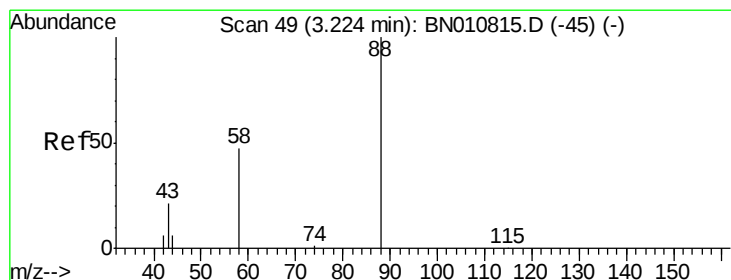
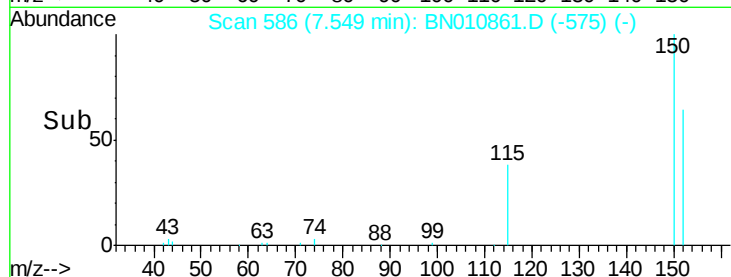
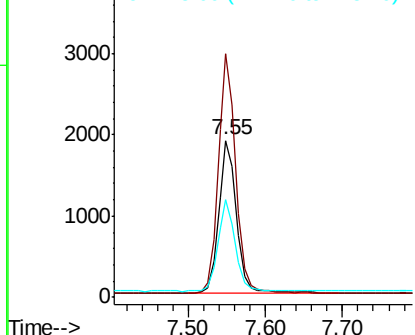
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.01 min
Lab File: BN010861.D
Acq: 13 Jun 2020 02:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609

Tot Ion:152 Resp: 3016
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 62.0 49.2 73.8



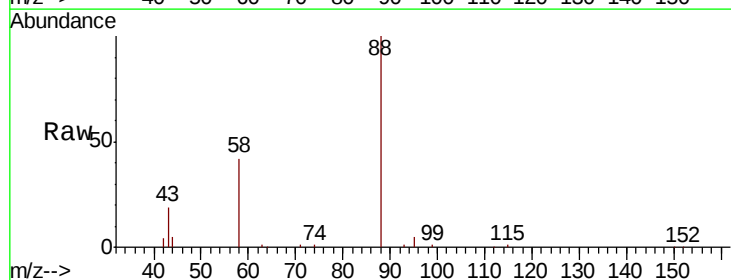
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



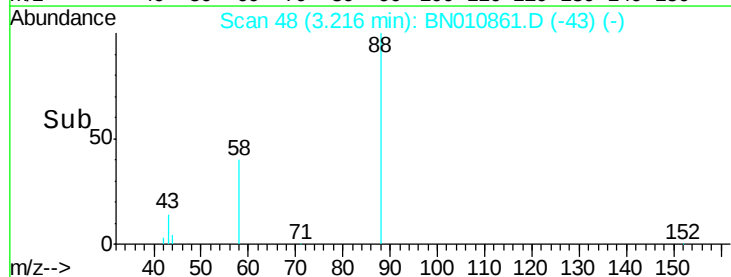
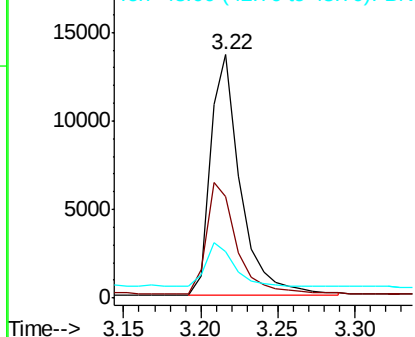
#2

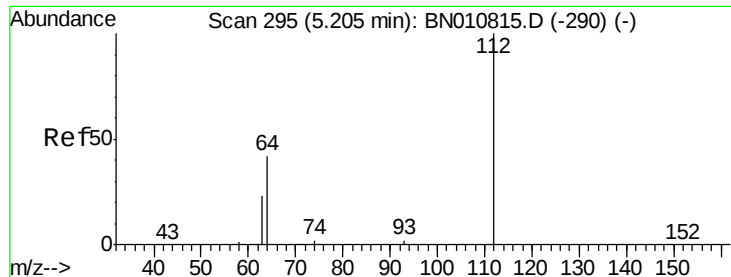
1,4-Dioxane
Concen: 6.206 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010861.D
Acq: 13 Jun 2020 02:42

Tgt Ion: 88 Resp: 18334
Ion Ratio Lower Upper
88 100
58 46.5 38.2 57.4
43 17.8 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: 0.147 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010861.D

Acq: 13 Jun 2020 02:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609

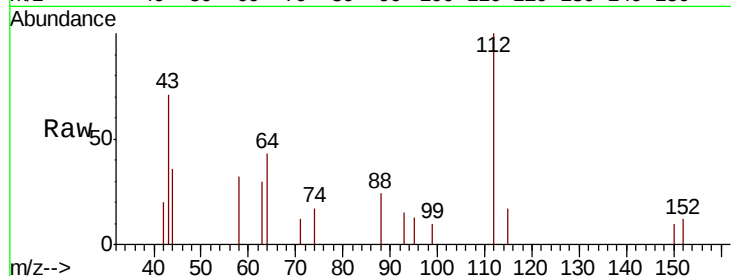
Tot Ion: 112 Resp: 853

Ion Ratio Lower Upper

112 100

64 42.2 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

5.21

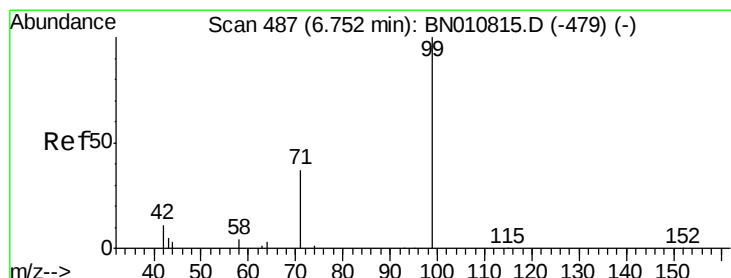
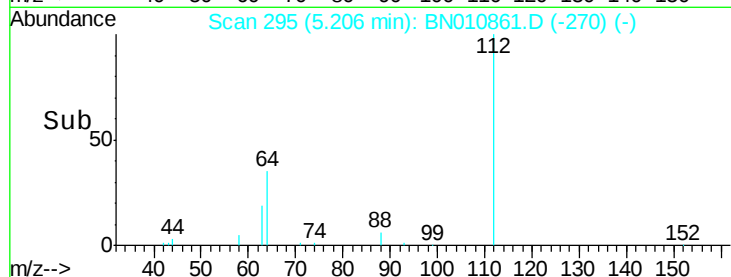
400

200

0

5.10 5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.081 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010861.D

Acq: 13 Jun 2020 02:42

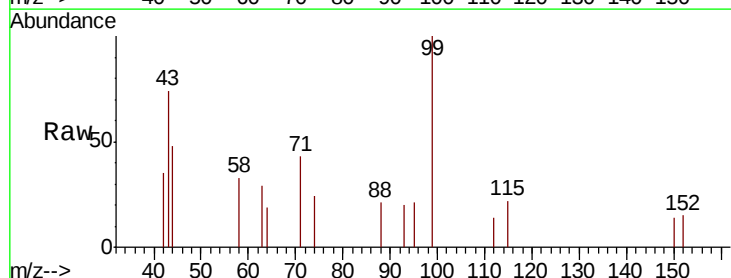
Tgt Ion: 99 Resp: 556

Ion Ratio Lower Upper

99 100

42 21.6 11.1 16.7#

71 39.6 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

6.75

500

400

300

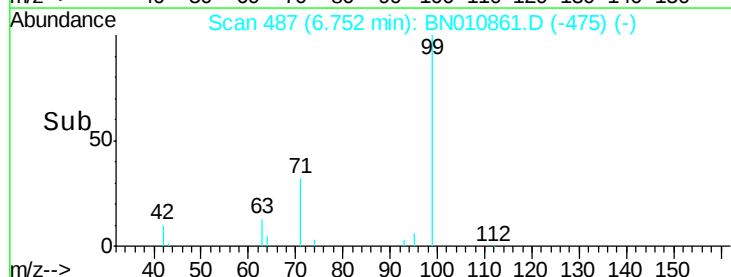
200

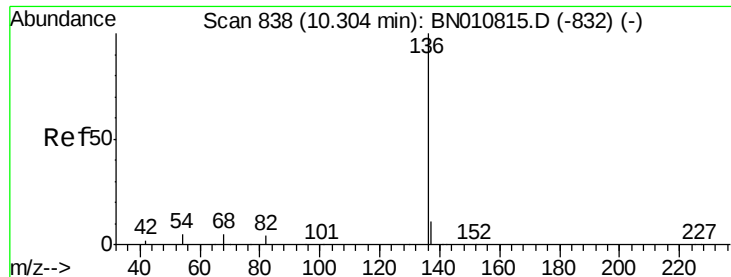
100

0

6.70 6.75 6.80 6.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010861.D

Acq: 13 Jun 2020 02:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609

Tot Ion:136 Resp: 10661

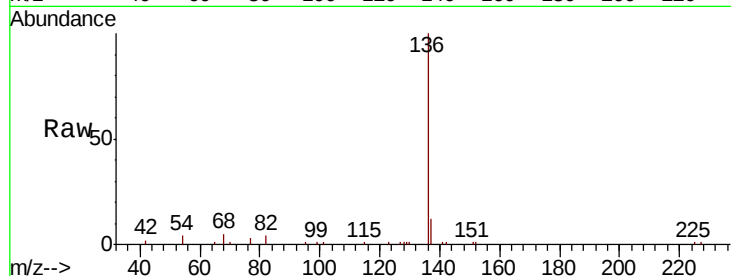
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.1 4.9 7.3#

68 4.7 4.7 7.1

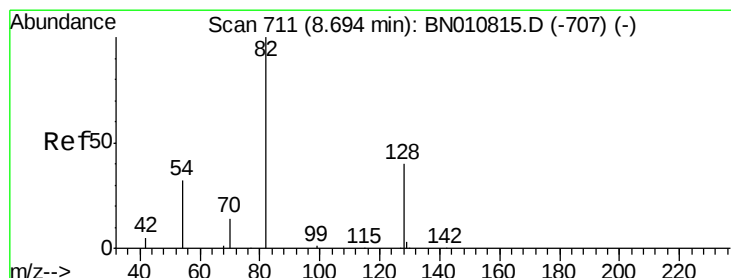
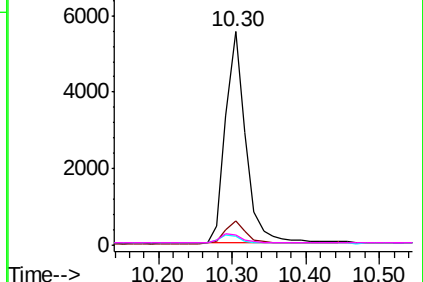
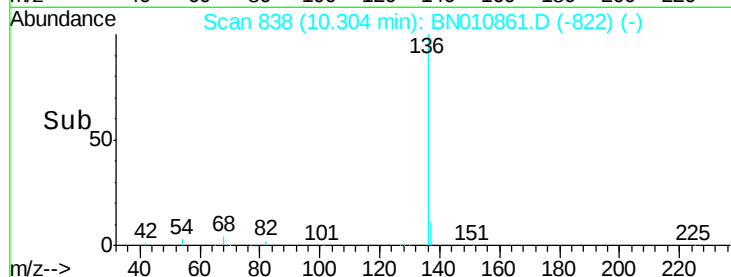


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.312 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010861.D

Acq: 13 Jun 2020 02:42

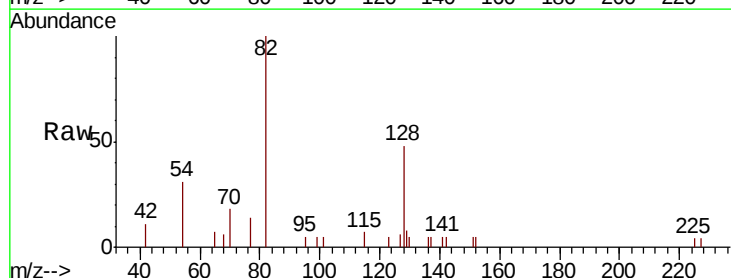
Tgt Ion: 82 Resp: 2458

Ion Ratio Lower Upper

82 100

128 48.1 35.4 53.0

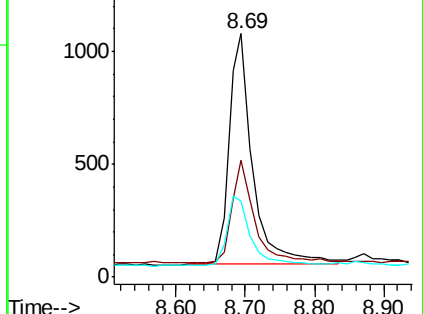
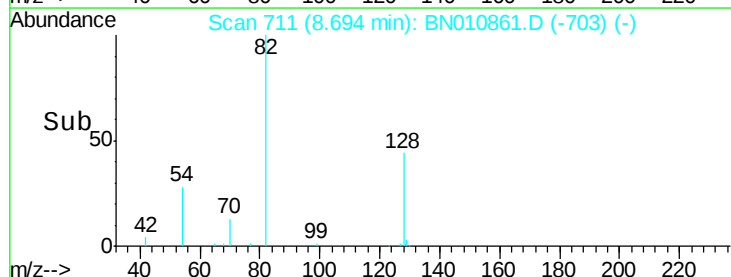
54 31.3 28.2 42.4

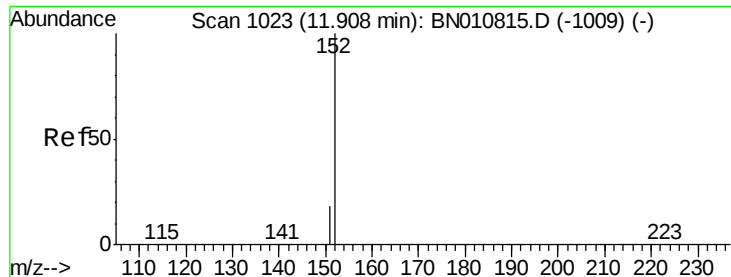


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

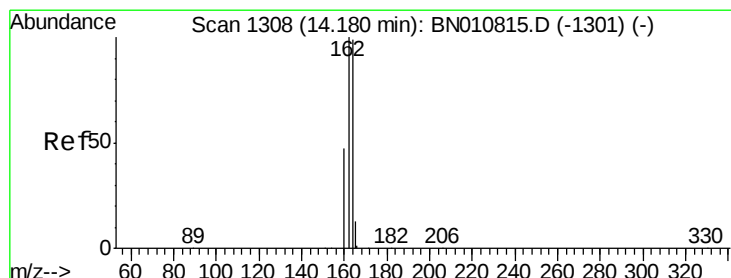
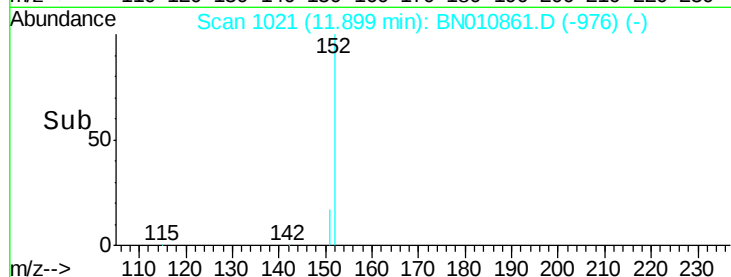
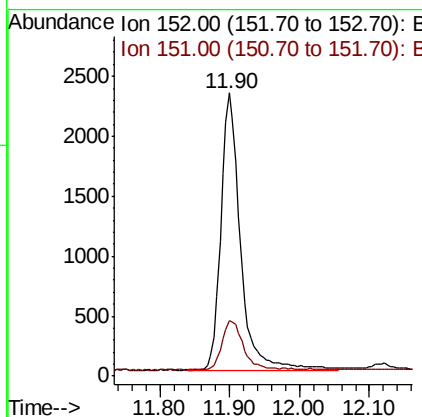
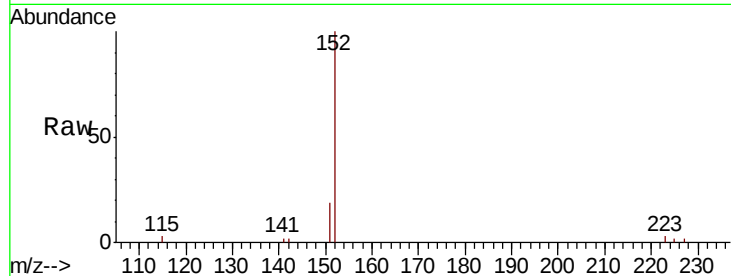




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010861.D
Acq: 13 Jun 2020 02:42

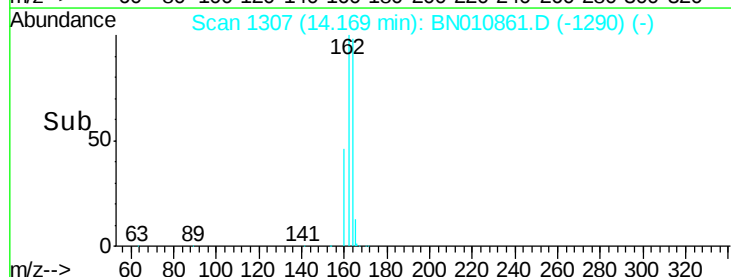
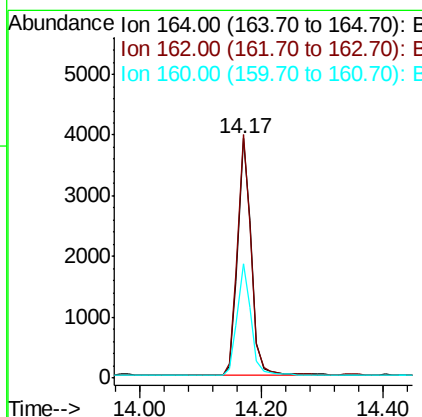
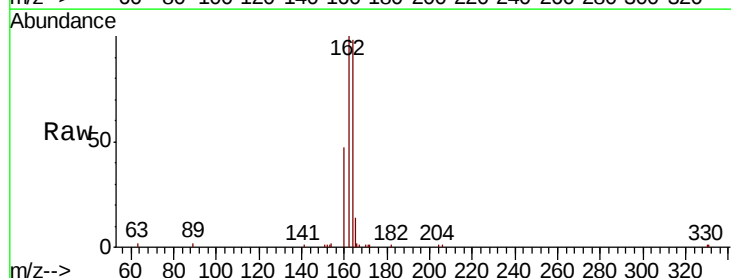
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200609

Tot Ion:152 Resp: 4479
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BN010861.D
Acq: 13 Jun 2020 02:42

Tgt Ion:164 Resp: 5978
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 47.9 38.9 58.3

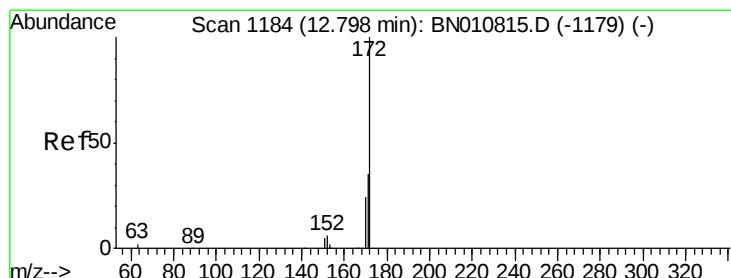
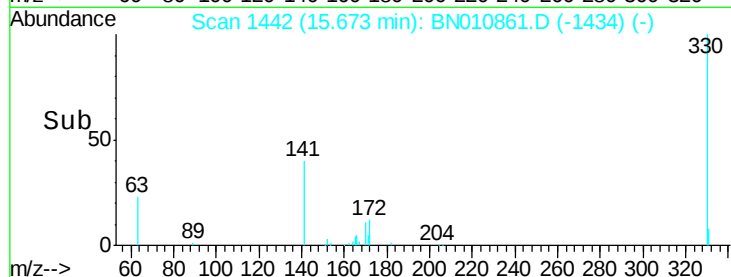
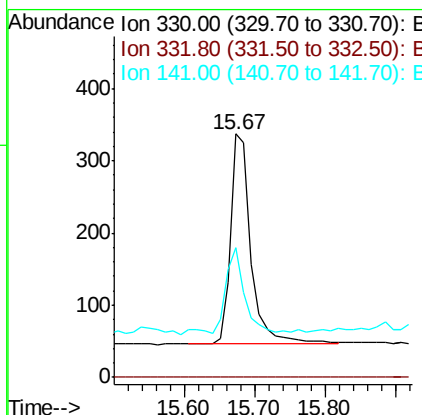
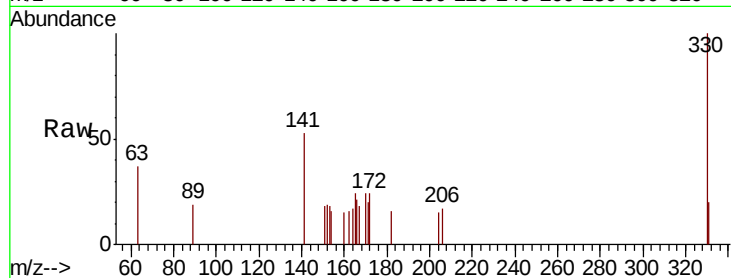




#14
 2,4,6-Tribromophenol
 Concen: 0.279 ng
 RT: 15.67 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

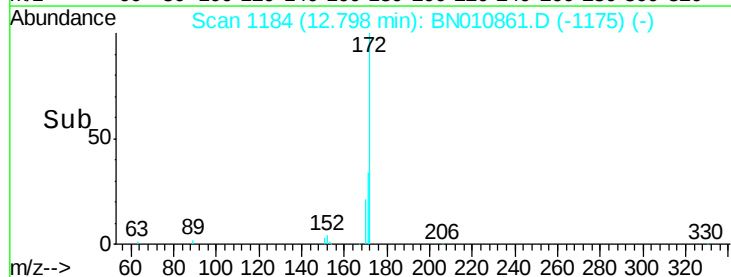
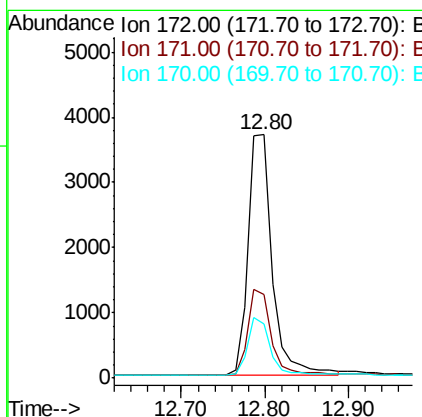
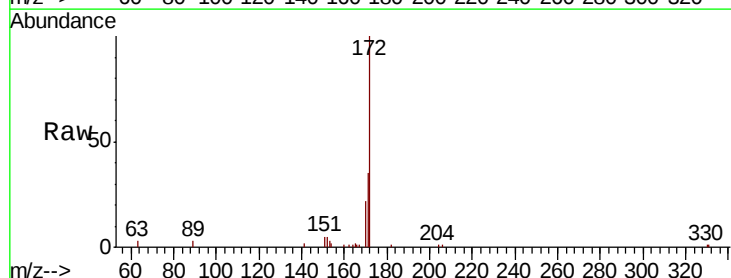
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609

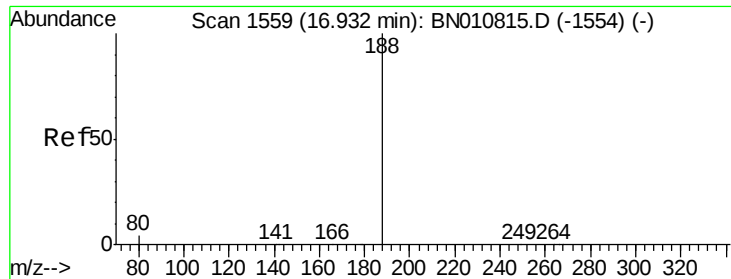
Tot Ion:330 Resp: 596
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.1 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.312 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

Tgt Ion:172 Resp: 7350
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 22.4 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: BN010861.D

Acq: 13 Jun 2020 02:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200609

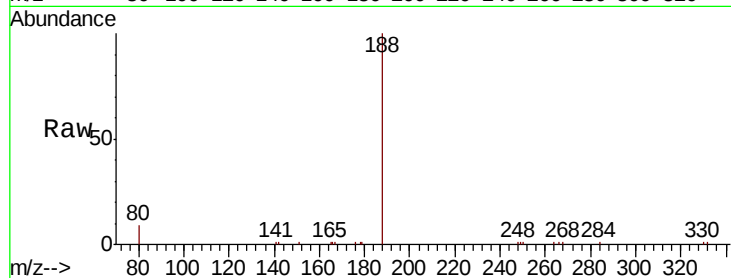
Tot Ion:188 Resp: 12392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

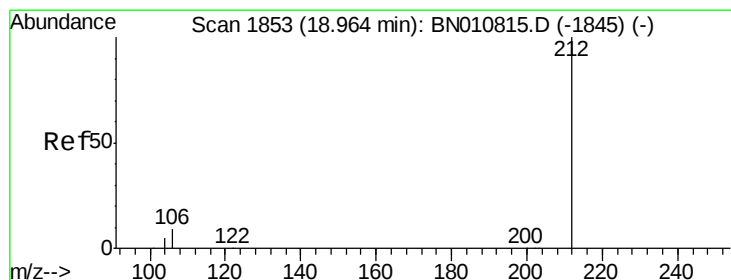
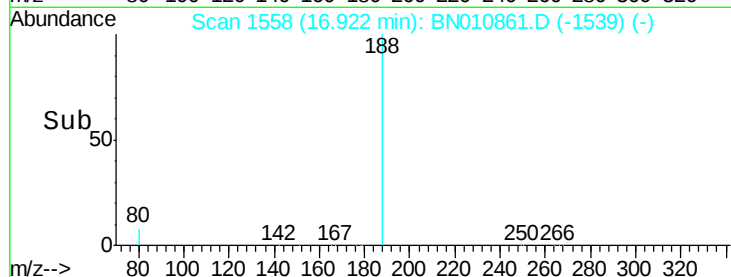
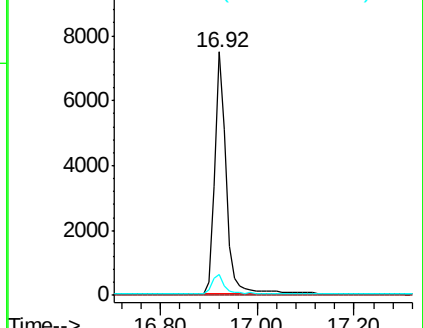
80 8.7 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.321 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN010861.D

Acq: 13 Jun 2020 02:42

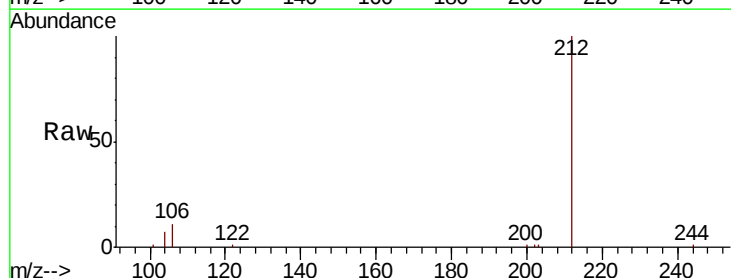
Tgt Ion:212 Resp: 10985

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

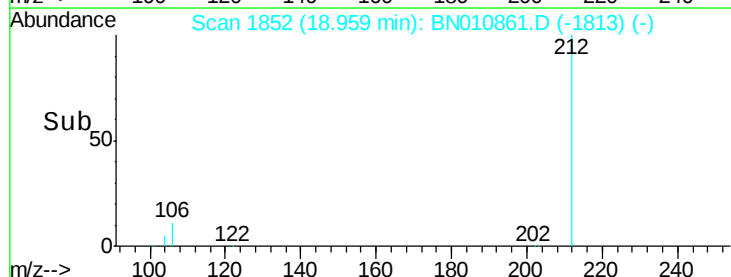
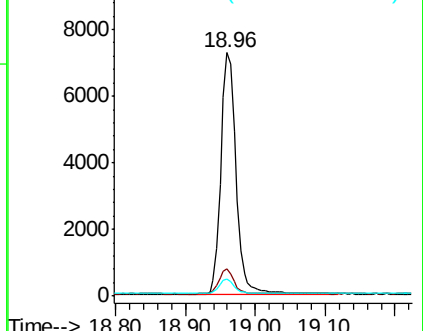
104 5.9 4.0 6.0



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

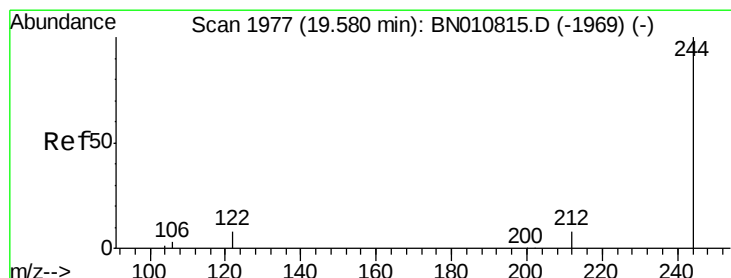
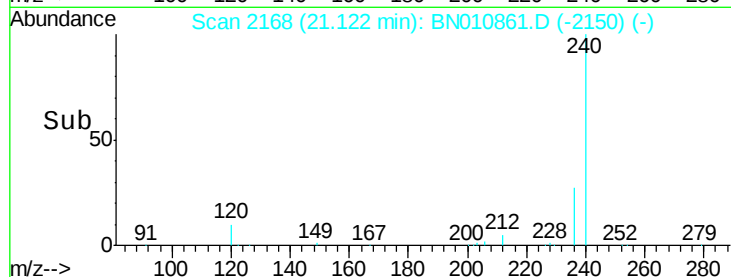
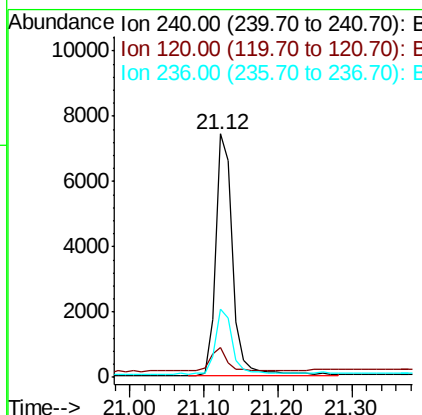
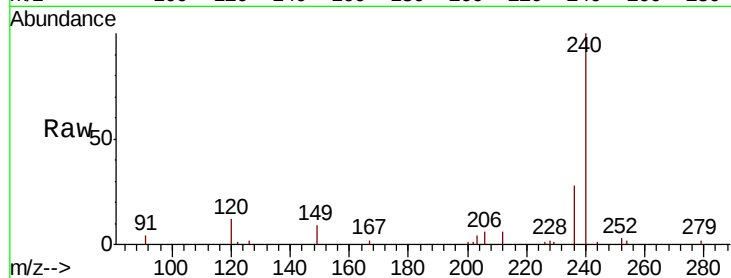




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

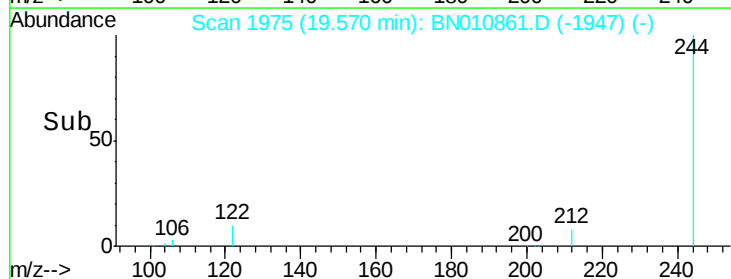
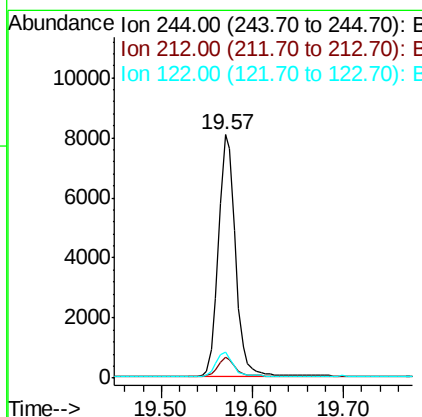
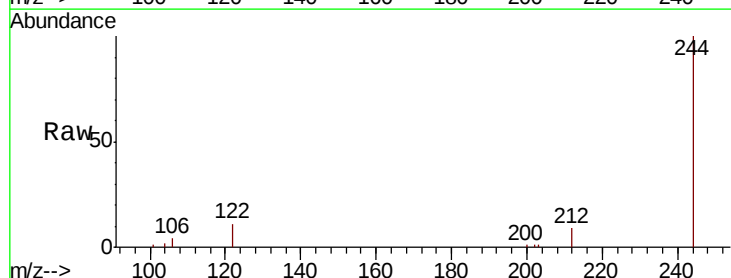
Instrument :
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 RE131D1-20200609

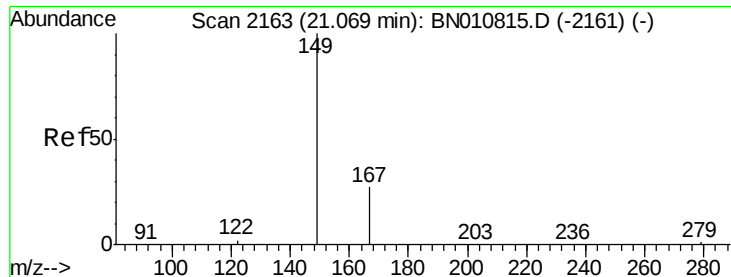
Tot Ion:240 Resp: 12043
 Ion Ratio Lower Upper
 240 100
 120 12.2 7.5 11.3#
 236 27.9 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.57 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

Tgt Ion:244 Resp: 10460
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.2
 122 10.8 7.5 11.3

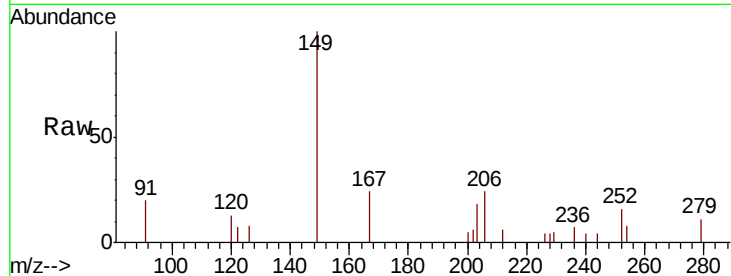




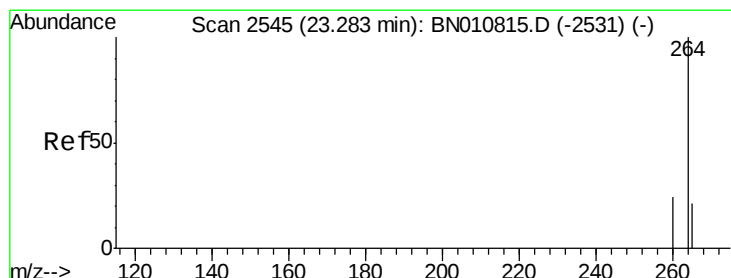
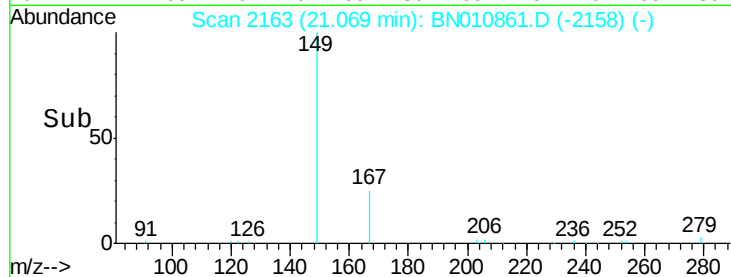
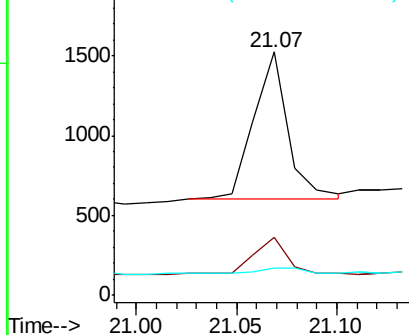
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200609

Tot Ion:149 Resp: 1095
 Ion Ratio Lower Upper
 149 100
 167 23.4 24.1 36.1#
 279 5.0 4.6 7.0

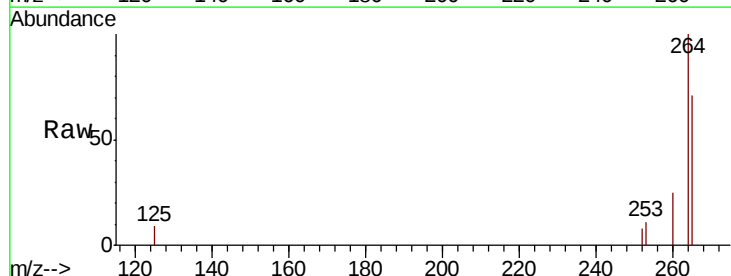


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.27 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN010861.D
 Acq: 13 Jun 2020 02:42

Tgt Ion:264 Resp: 12696
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 71.3 75.0 112.4#



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

