

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010857.D
 Acq On : 13 Jun 2020 00:18
 Operator : CG/JU
 Sample : L2988-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20200609

Quant Time: Jun 13 01:36:46 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

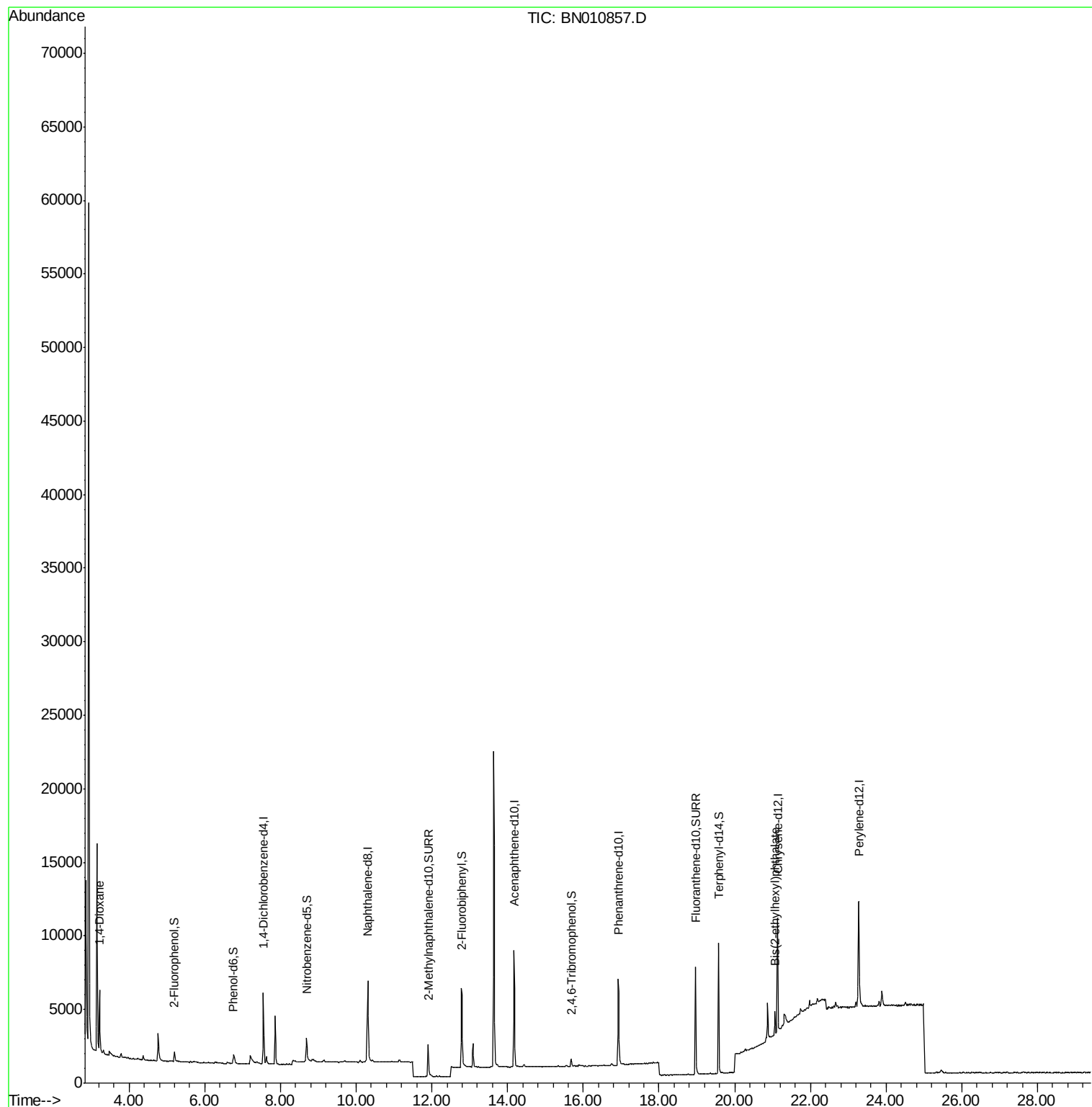
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2420	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8561	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4693	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	9781	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9608	0.40	ng	0.00
34) Perylene-d12	23.28	264	10334	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	673	0.14	ng	0.00
5) Phenol-d6	6.75	99	468	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	2015	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	3632	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	468	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	5766	0.31	ng	0.00
25) Fluoranthene-d10	18.96	212	9676	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	9519	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	3356	1.416	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	1399	0.149	ng	93

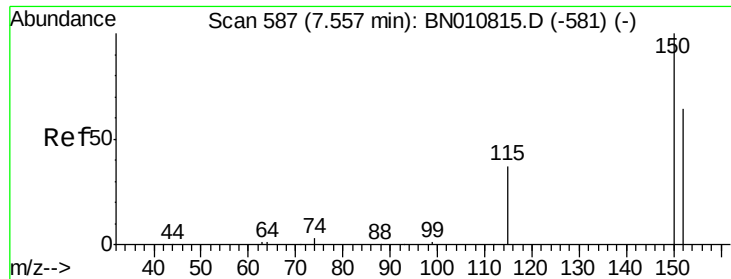
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 11:11:17 2020
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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: BN010857.D

Acq: 13 Jun 2020 00:18

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BNA_N

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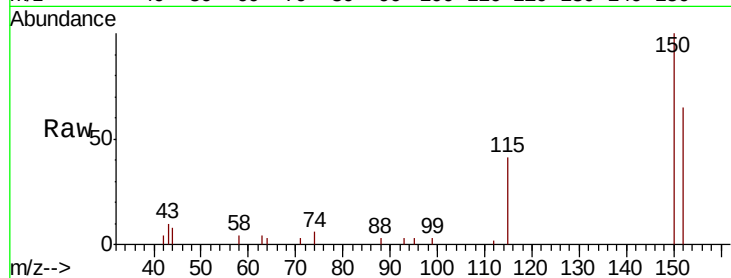
Tot Ion:152 Resp: 2420

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

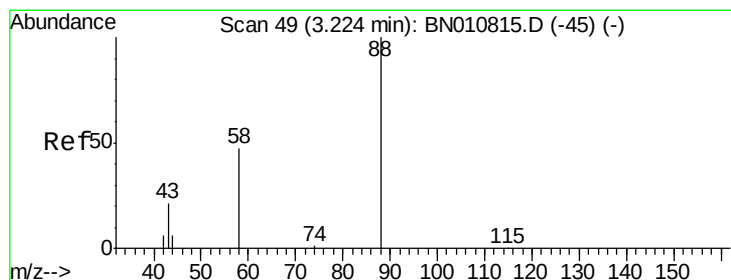
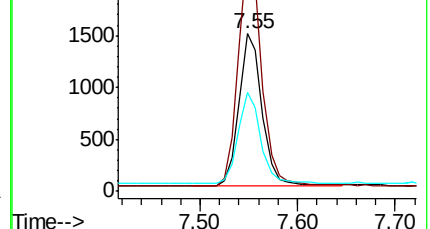
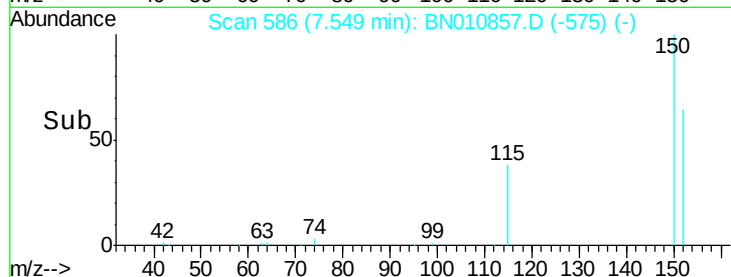
115 62.6 49.2 73.8



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: 1.416 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

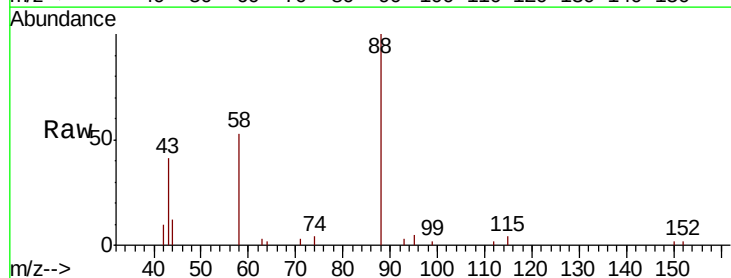
Tgt Ion: 88 Resp: 3356

Ion Ratio Lower Upper

88 100

58 46.6 38.2 57.4

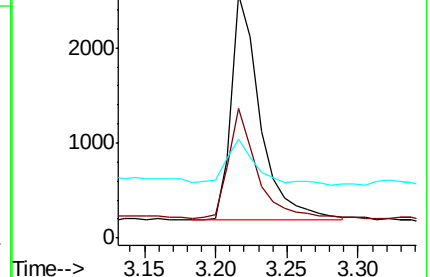
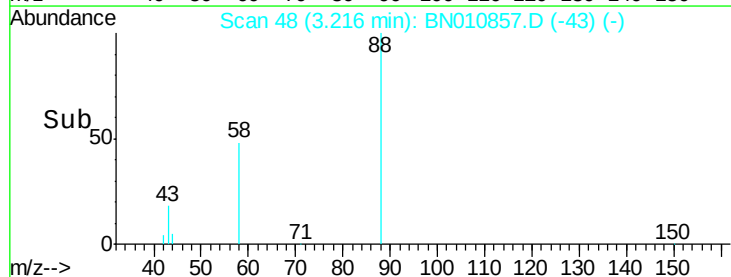
43 22.1 15.1 22.7

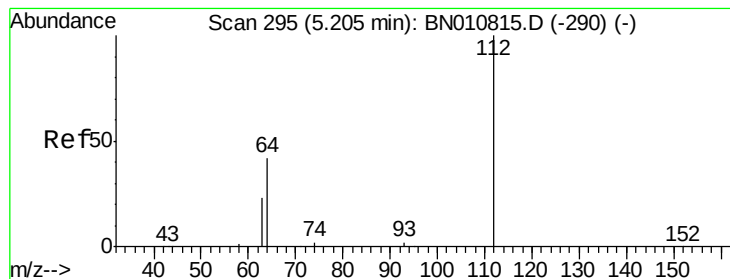


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

Instrument :

BNA_N

ClientSampleId :

RE134D4-20200609

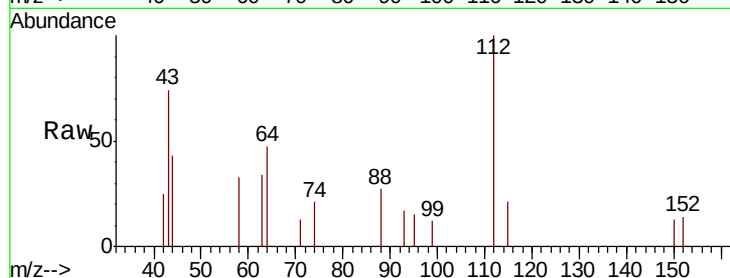
Tot Ion: 112 Resp: 673

Ion Ratio Lower Upper

112 100

64 45.0 37.4 56.0

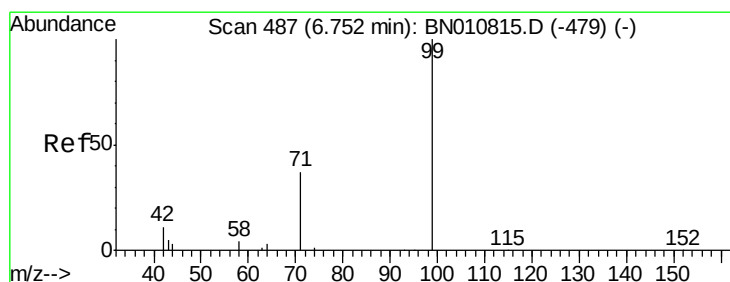
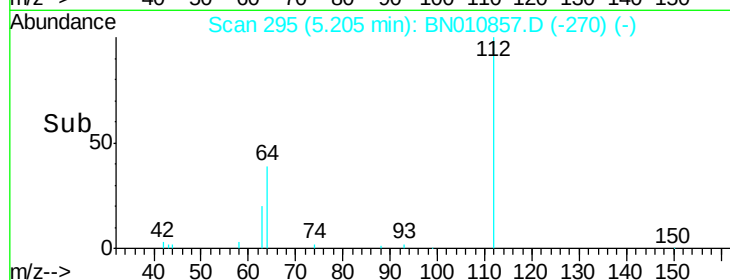
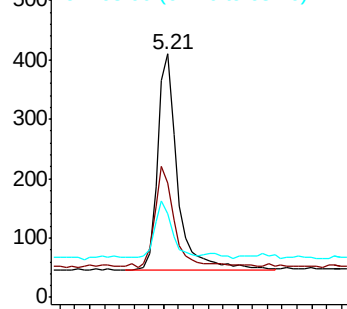
63 24.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

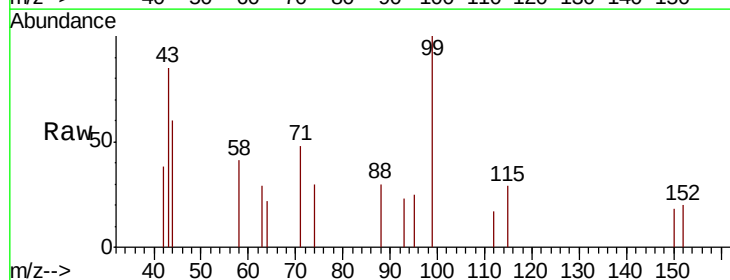
Tgt Ion: 99 Resp: 468

Ion Ratio Lower Upper

99 100

42 28.2 11.1 16.7#

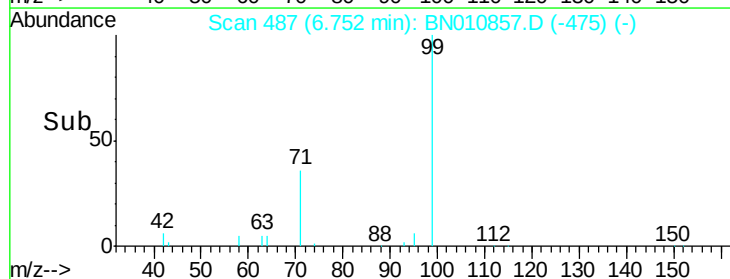
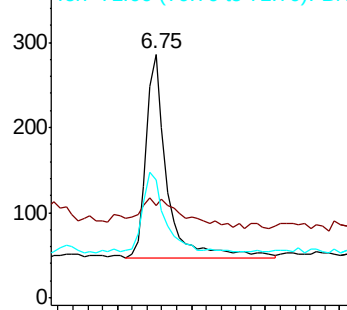
71 40.8 31.4 47.2

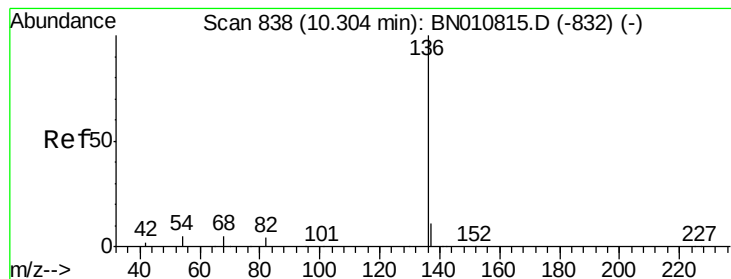


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

Instrument :

BNA_N

ClientSampleId :

RE134D4-20200609

Tot Ion:136 Resp: 8561

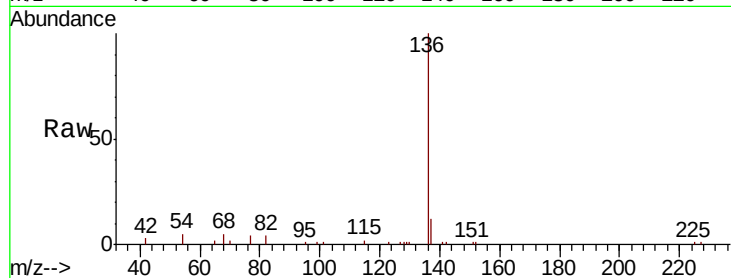
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.5 4.9 7.3#

68 5.3 4.7 7.1

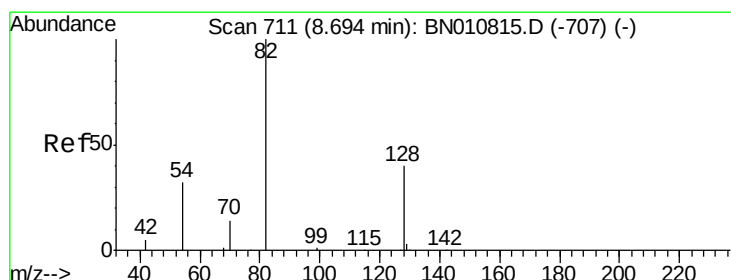
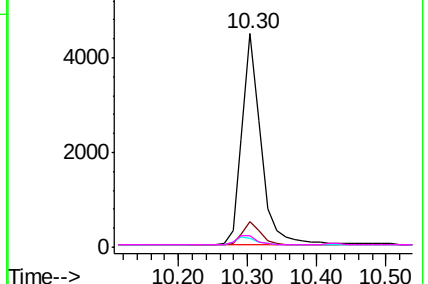
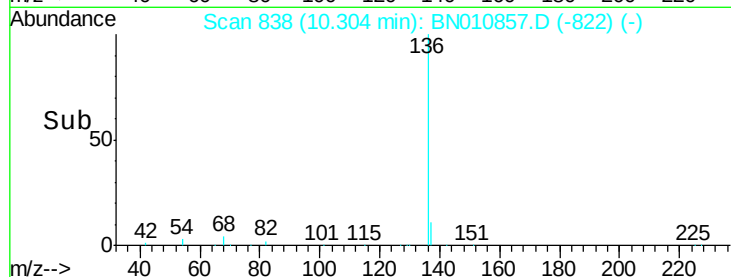


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.318 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

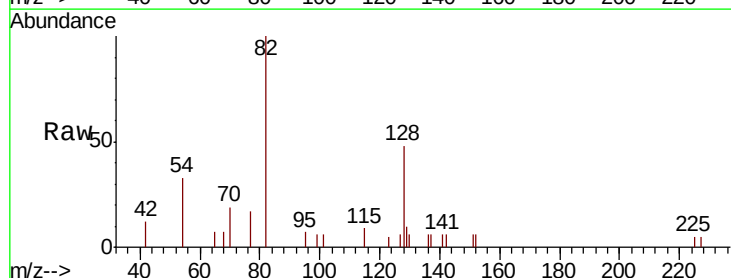
Tgt Ion: 82 Resp: 2015

Ion Ratio Lower Upper

82 100

128 48.3 35.4 53.0

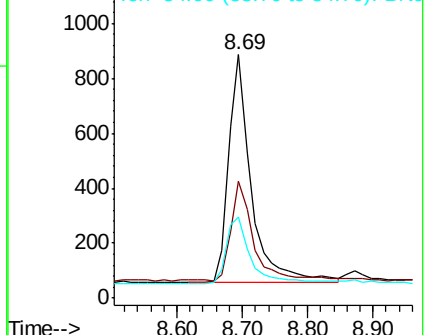
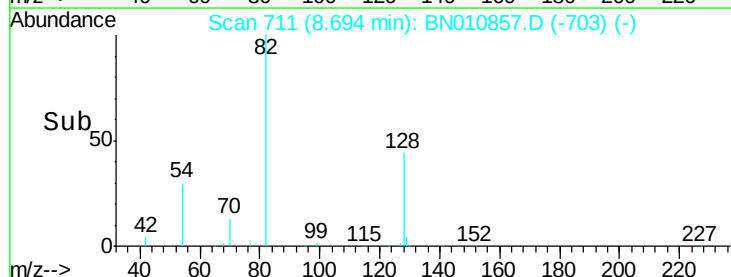
54 33.4 28.2 42.4

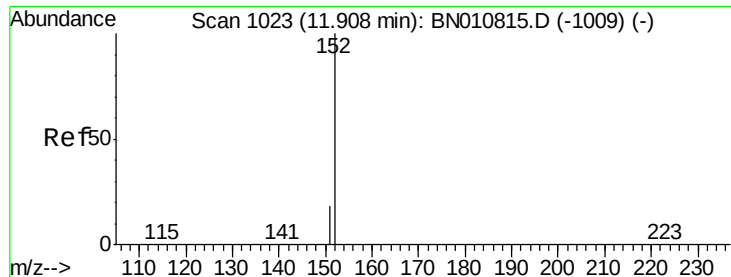


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

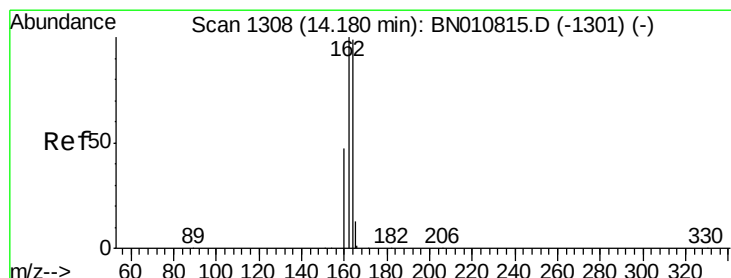
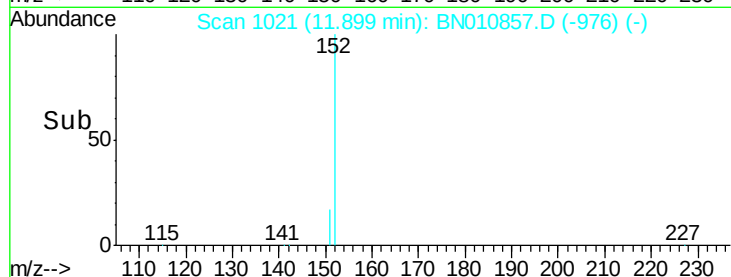
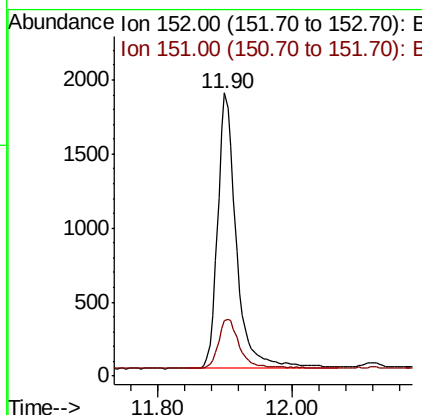
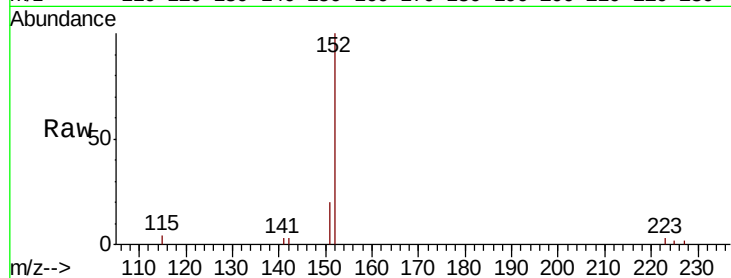




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BN010857.D
Acq: 13 Jun 2020 00:18

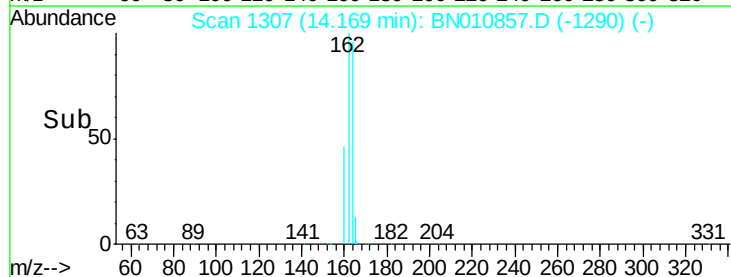
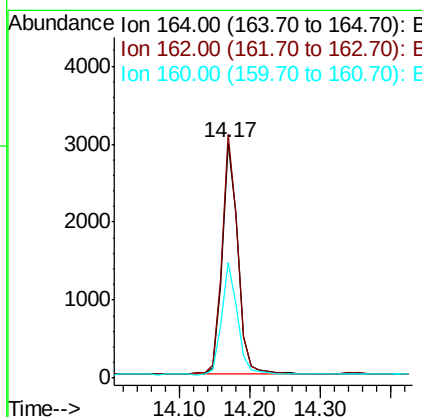
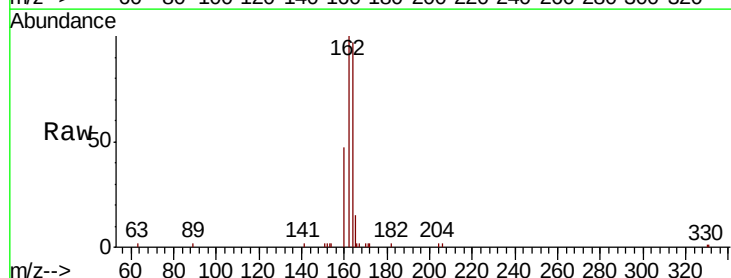
Instrument :
BNA_N
ClientSampleId :
RE134D4-20200609

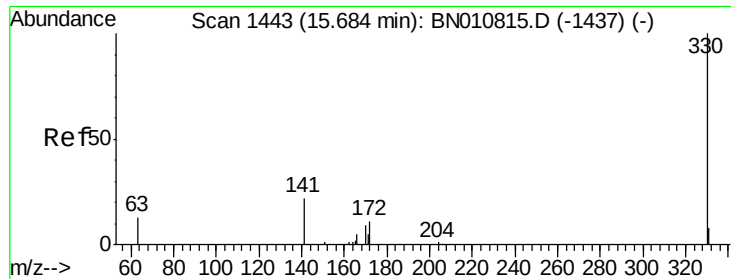
Tot Ion:152 Resp: 3632
Ion Ratio Lower Upper
152 100
151 20.2 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BN010857.D
Acq: 13 Jun 2020 00:18

Tgt Ion:164 Resp: 4693
Ion Ratio Lower Upper
164 100
162 103.6 81.0 121.6
160 49.0 38.9 58.3

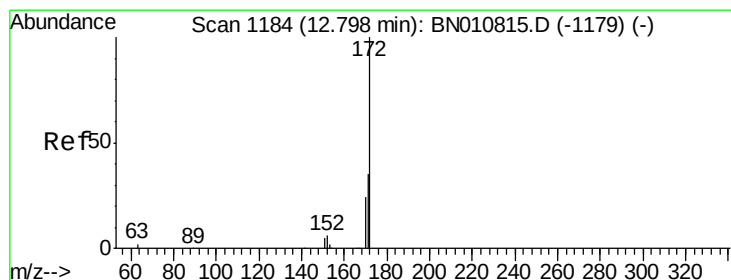
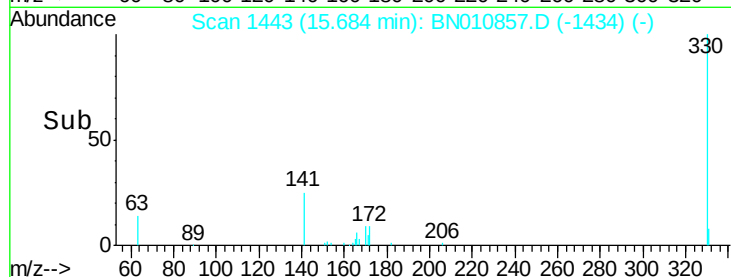
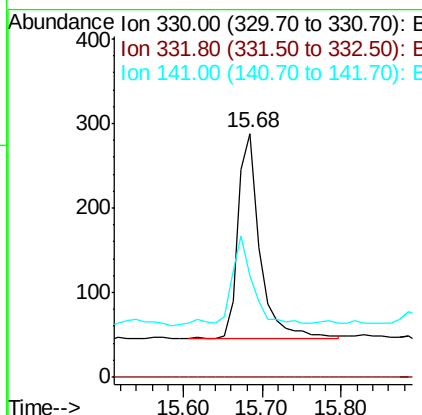
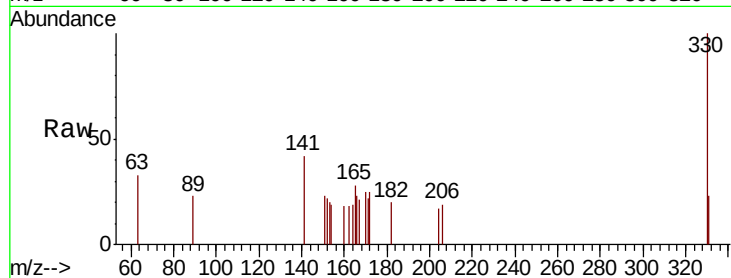




#14
 2,4,6-Tribromophenol
 Concen: 0.279 ng
 RT: 15.68 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BN010857.D
 Acq: 13 Jun 2020 00:18

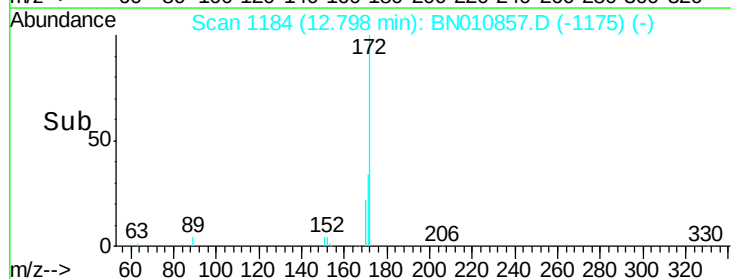
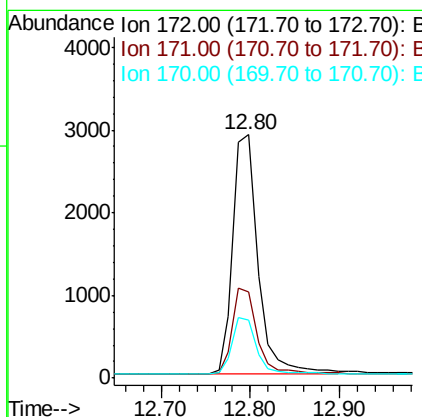
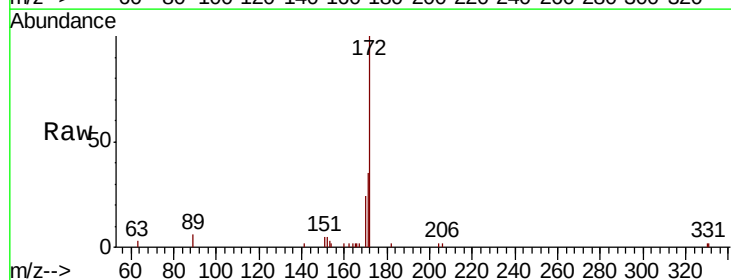
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20200609

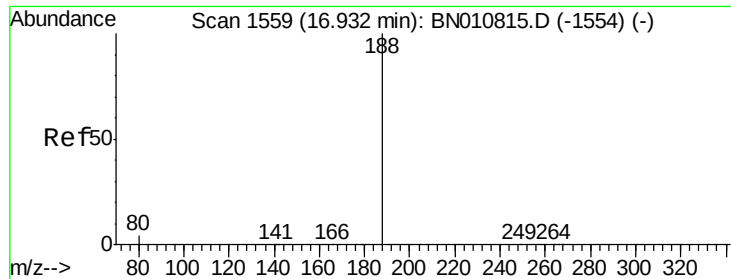
Tot Ion:330 Resp: 468
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.0 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.311 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BN010857.D
 Acq: 13 Jun 2020 00:18

Tgt Ion:172 Resp: 5766
 Ion Ratio Lower Upper
 172 100
 171 35.5 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: BN010857.D

Acq: 13 Jun 2020 00:18

Instrument :

BNA_N

ClientSampleId :

RE134D4-20200609

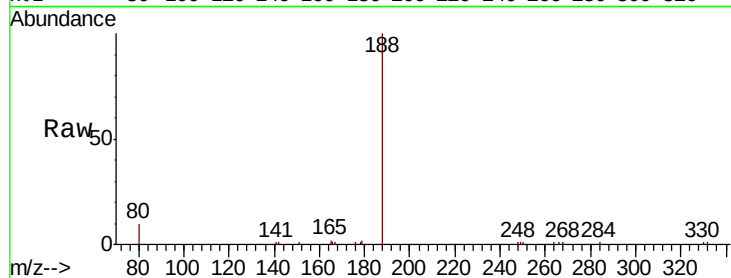
Tot Ion:188 Resp: 9781

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

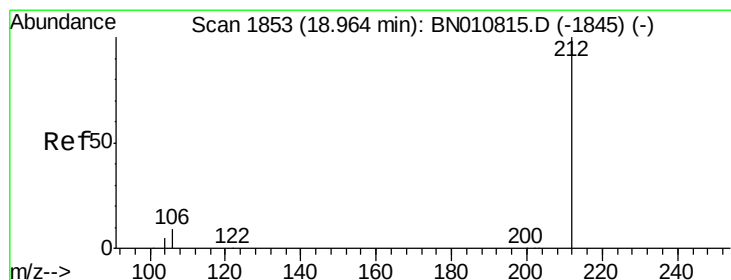
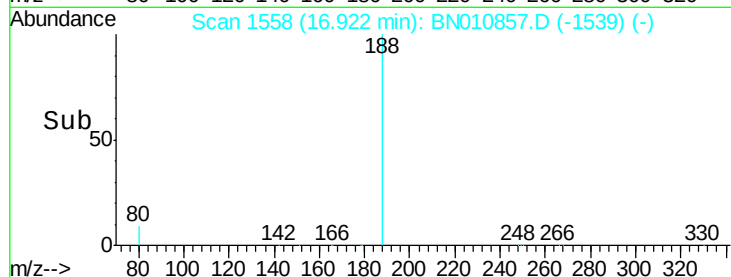
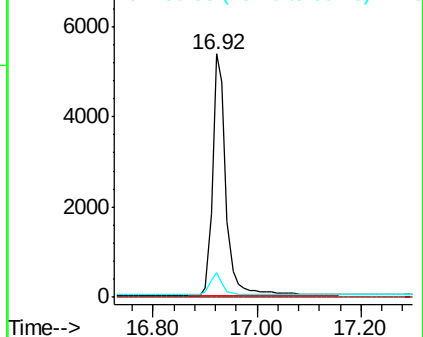
80 10.3 4.5 6.7#



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: 0.358 ng

RT: 18.96 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

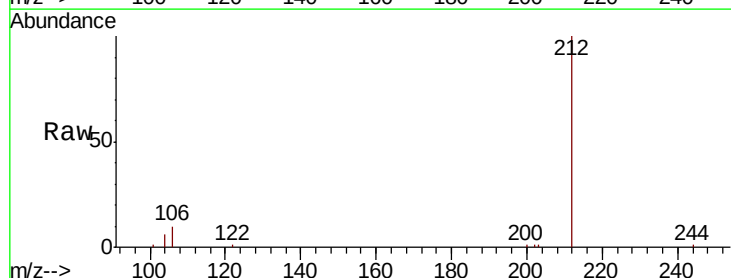
Tgt Ion:212 Resp: 9676

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

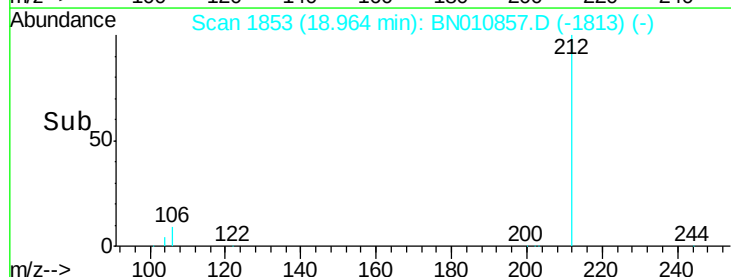
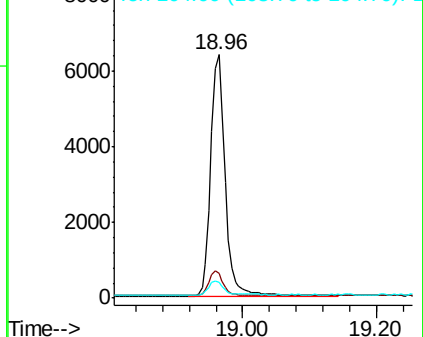
104 5.7 4.0 6.0

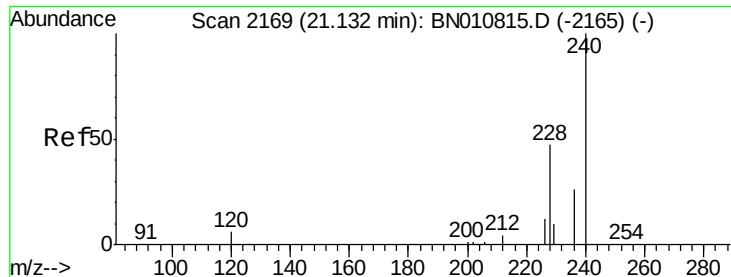


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

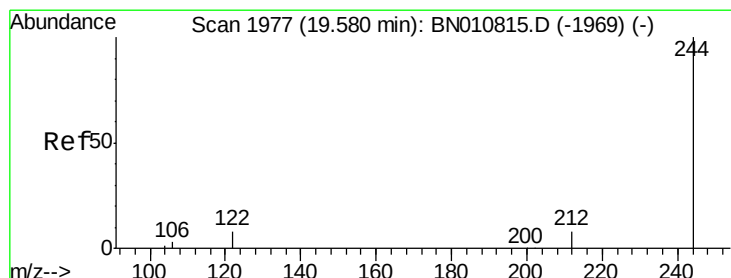
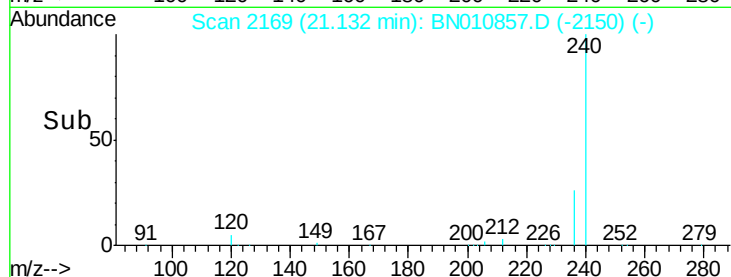
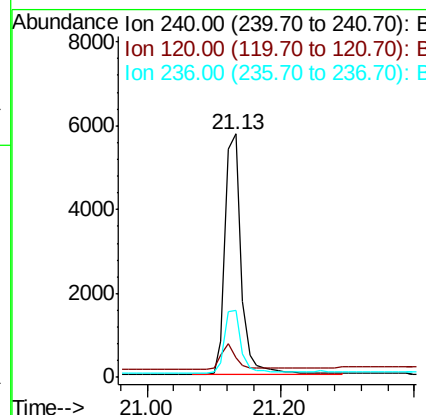
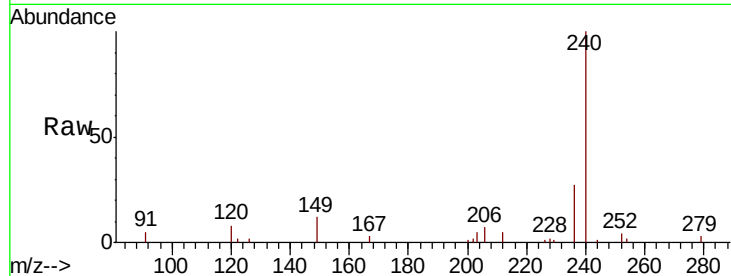




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BN010857.D
 Acq: 13 Jun 2020 00:18

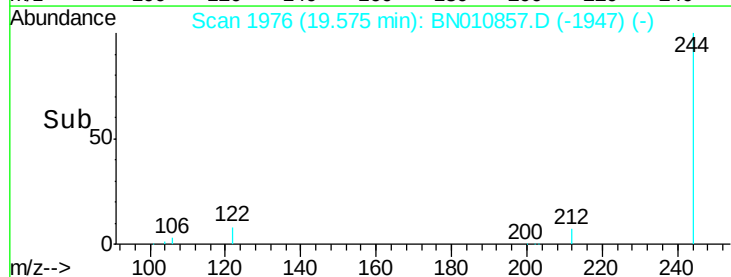
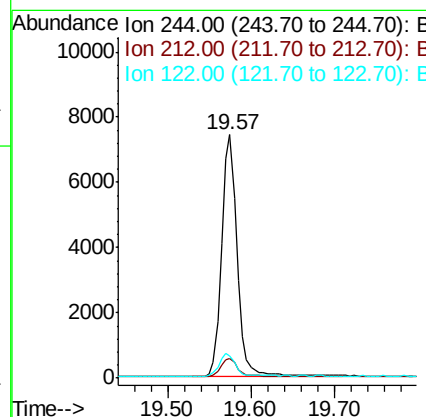
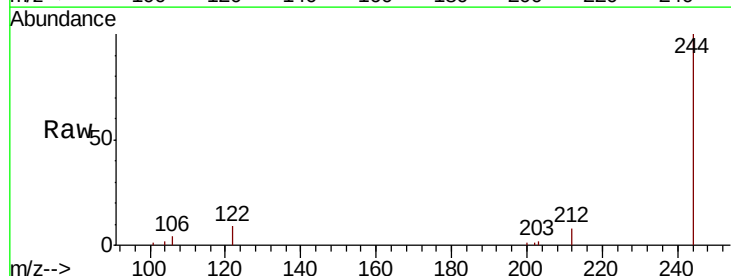
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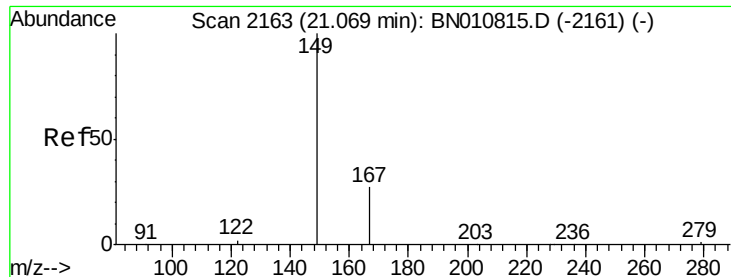
Tot Ion:240 Resp: 9608
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.5 11.3
 236 27.4 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.57 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BN010857.D
 Acq: 13 Jun 2020 00:18

Tgt Ion:244 Resp: 9519
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 9.1 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.149 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

Instrument :

BNA_N

ClientSampleId :

RE134D4-20200609

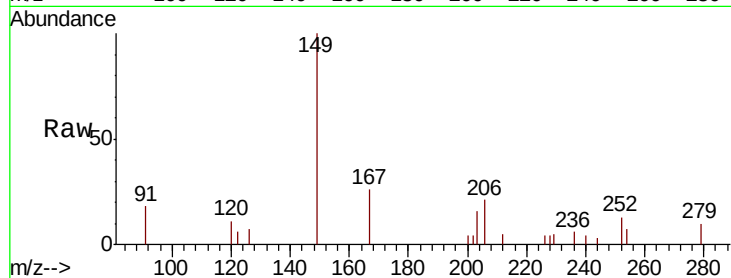
Tot Ion:149 Resp: 1399

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

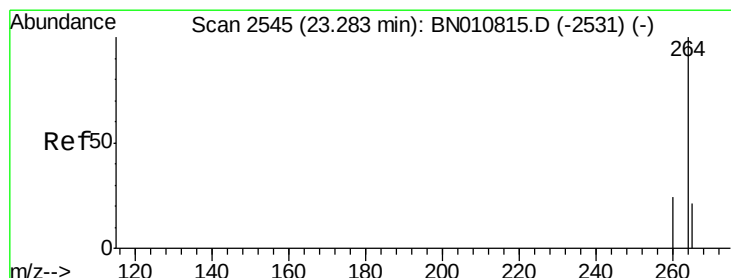
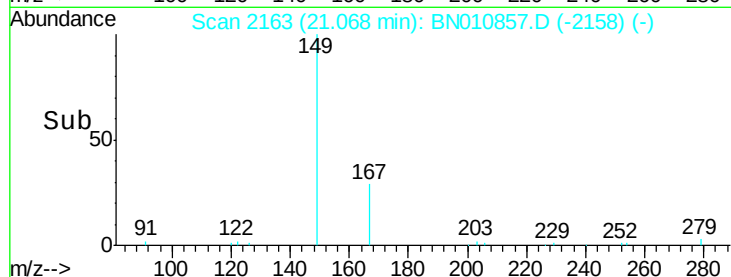
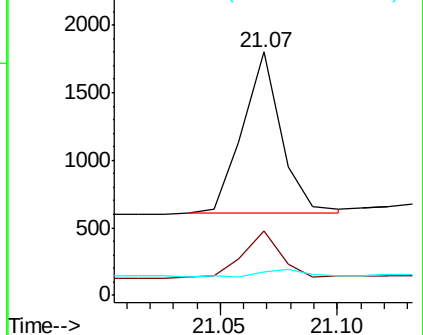
279 5.4 4.6 7.0



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: 23.28 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BN010857.D

Acq: 13 Jun 2020 00:18

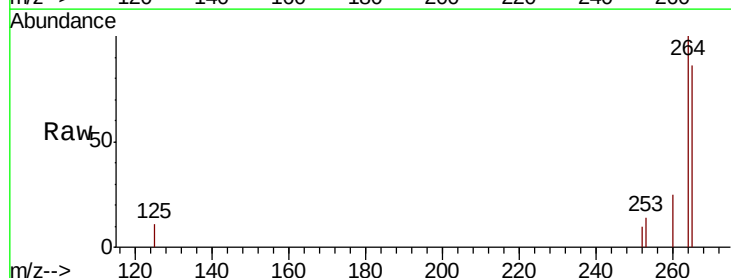
Tgt Ion:264 Resp: 10334

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 85.8 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

