

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010992.D
 Acq On : 20 Jun 2020 06:47
 Operator : CG/JU
 Sample : L3043-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20200615

Quant Time: Jun 22 00:29:28 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 19 12:43:49 2020
 Response via : Initial Calibration

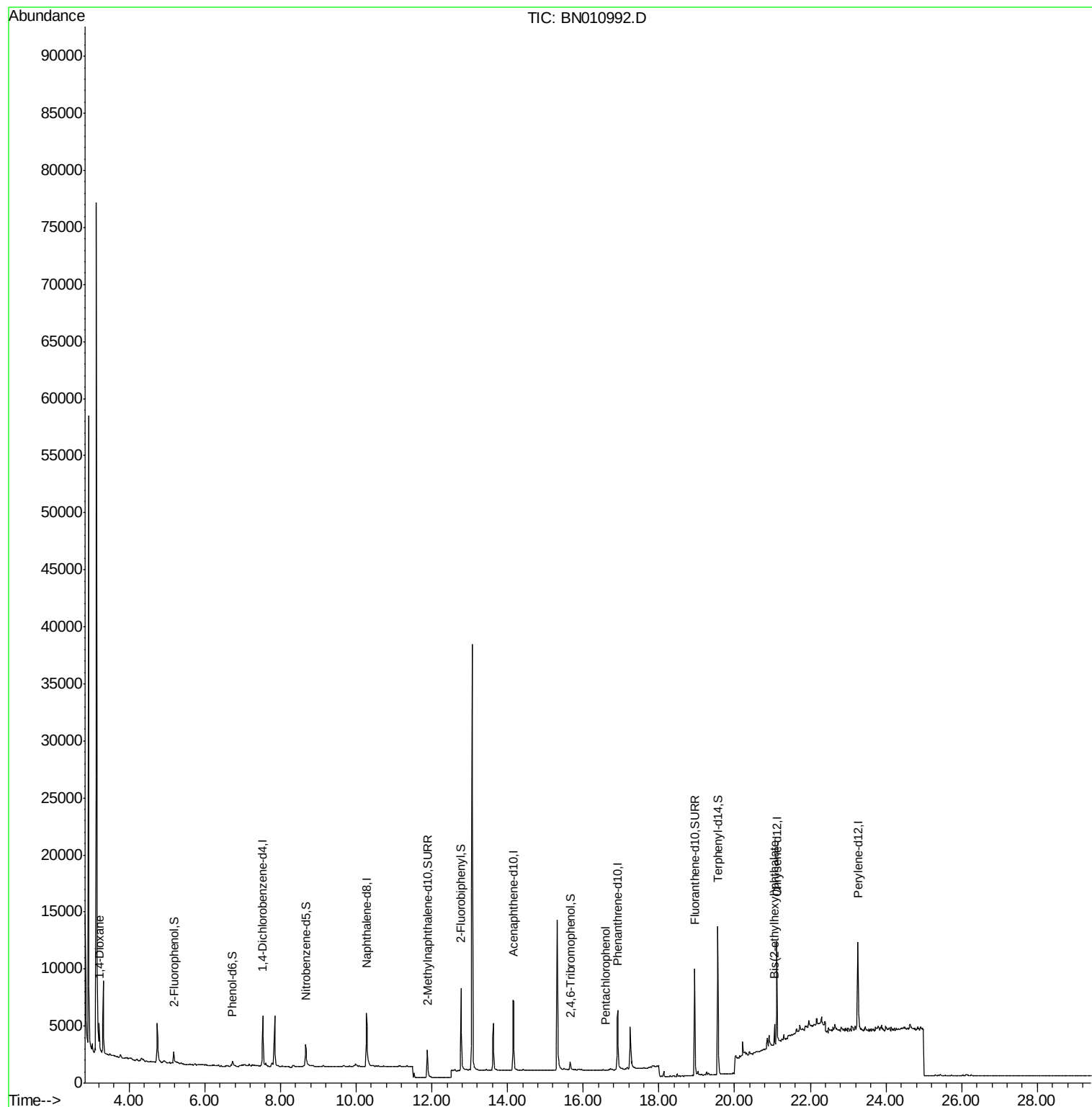
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2305	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7858	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4274	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8996	0.40	ng	0.01
27) Chrysene-d12	21.11	240	9542	0.40	ng	-0.01
34) Perylene-d12	23.26	264	10418	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	878	0.20	ng	0.00
5) Phenol-d6	6.73	99	516	0.10	ng	0.00
8) Nitrobenzene-d5	8.67	82	2449	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3943	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	672	0.44	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	8200	0.49	ng	0.00
25) Fluoranthene-d10	18.94	212	11480	0.46	ng	0.00
29) Terphenyl-d14	19.56	244	13914	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	1767	0.783	ng	# 92
22) Pentachlorophenol	16.58	266	41	0.022	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.06	149	1616	0.173	ng	96

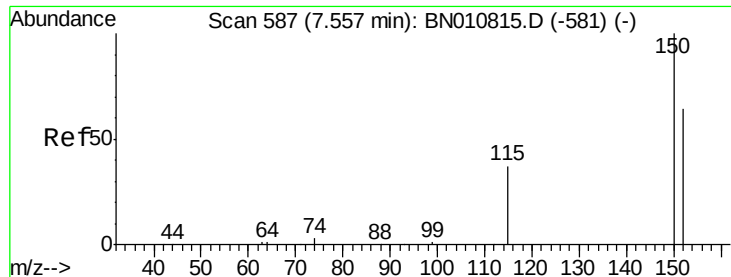
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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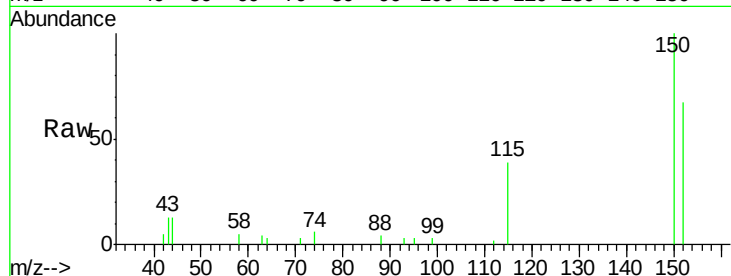


#1

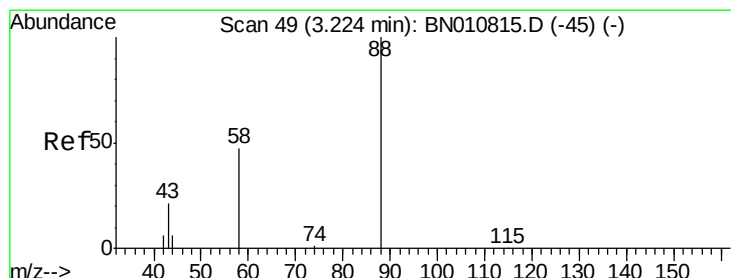
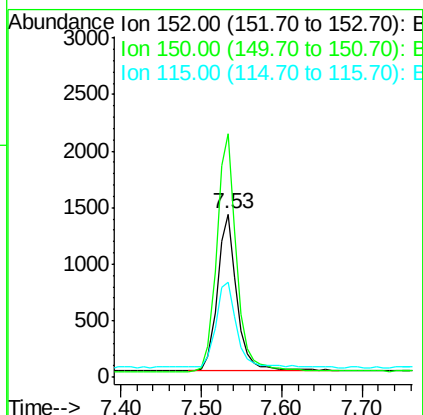
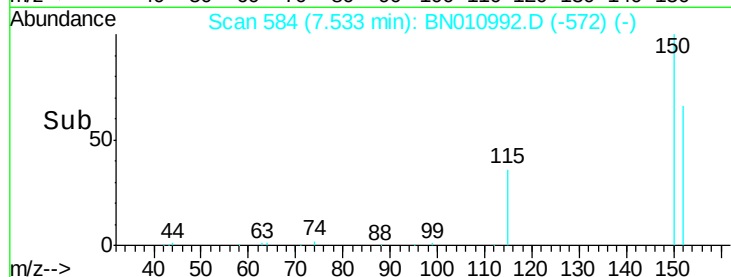
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010992.D
Acq: 20 Jun 2020 06:47

Instrument :
BNA_N
ClientSampleId :
RE120D3-20200615

Tot Ion:152 Resp: 2305
Ion Ratio Lower Upper
152 100
150 149.1 123.8 185.6
115 58.4 49.2 73.8



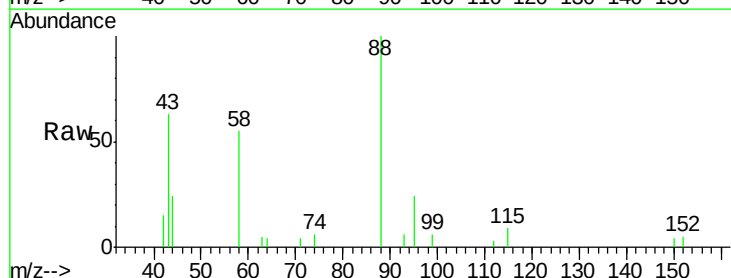
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



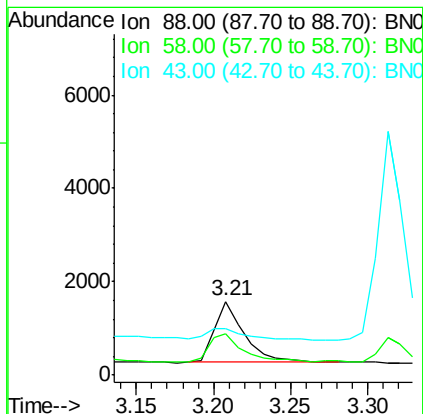
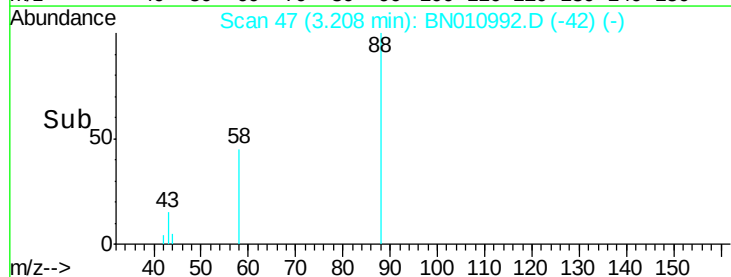
#2

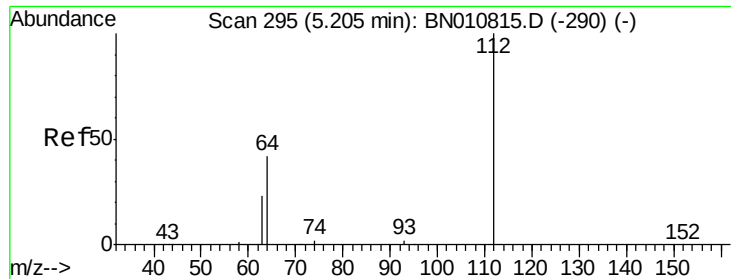
1,4-Dioxane
Concen: 0.783 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010992.D
Acq: 20 Jun 2020 06:47

Tgt Ion: 88 Resp: 1767
Ion Ratio Lower Upper
88 100
58 51.0 38.2 57.4
43 26.3 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: 0.197 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

Instrument :

BNA_N

ClientSampleId :

RE120D3-20200615

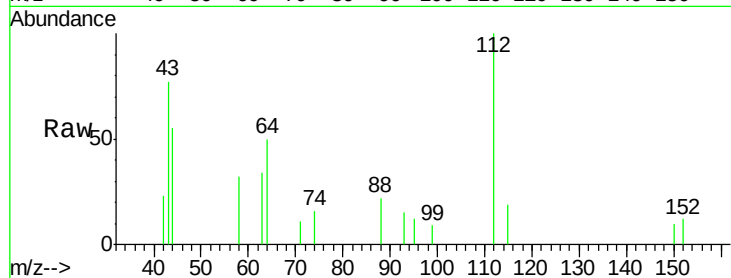
Tot Ion: 112 Resp: 878

Ion Ratio Lower Upper

112 100

64 47.3 37.4 56.0

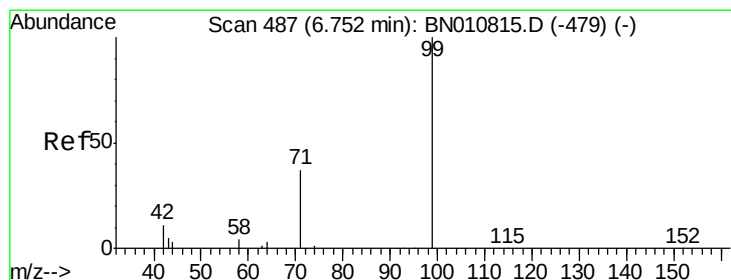
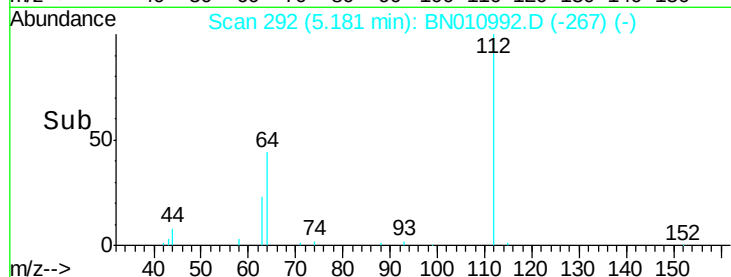
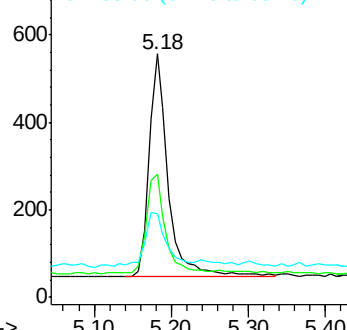
63 25.9 22.2 33.4



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

Phenol-d6

Concen: 0.098 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

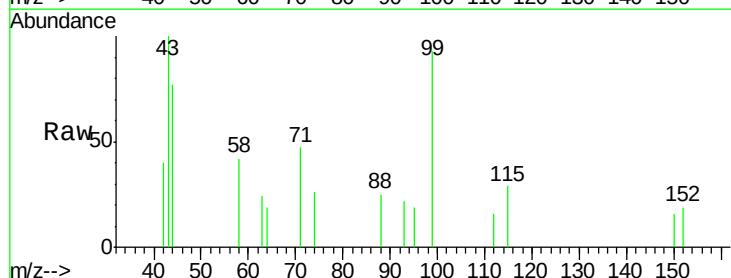
Tgt Ion: 99 Resp: 516

Ion Ratio Lower Upper

99 100

42 22.9 11.1 16.7#

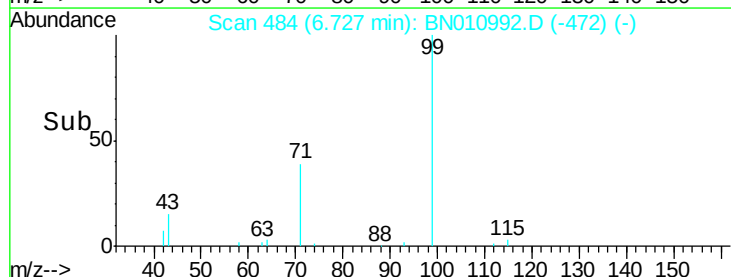
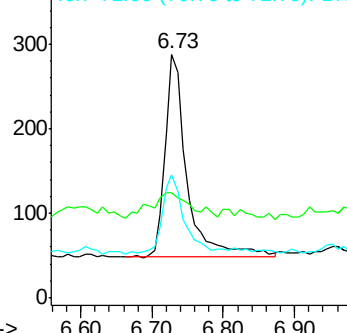
71 38.8 31.4 47.2

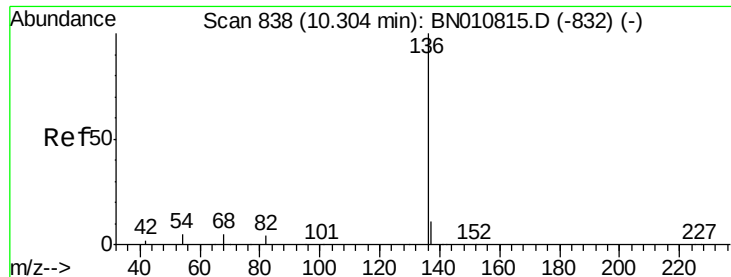


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

Instrument :

BNA_N

ClientSampleId :

RE120D3-20200615

Tot Ion:136 Resp: 7858

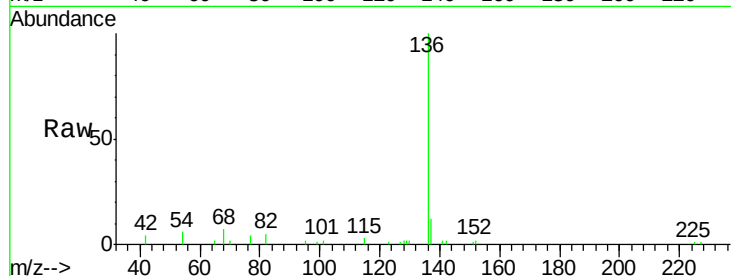
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.6 4.9 7.3

68 6.5 4.7 7.1

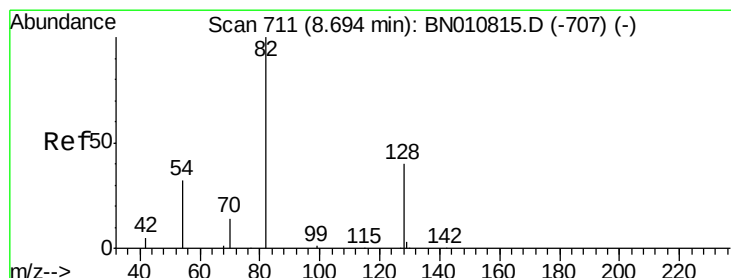
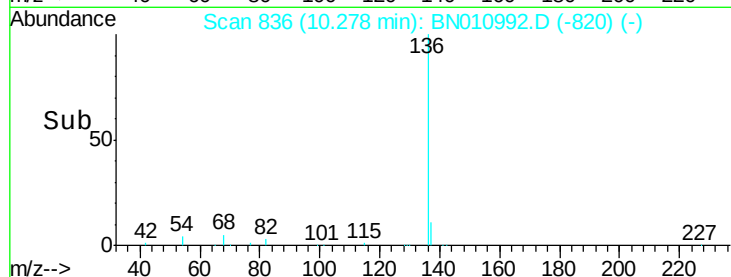
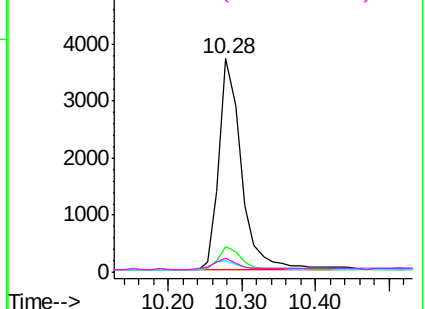


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

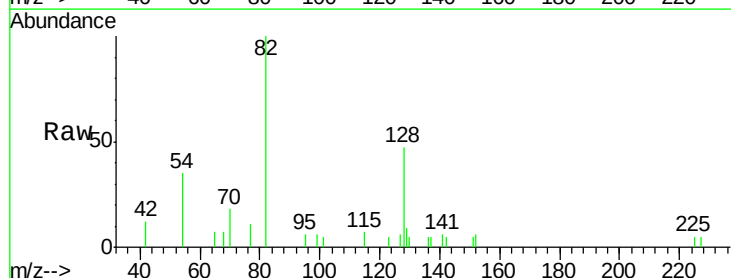
Tgt Ion: 82 Resp: 2449

Ion Ratio Lower Upper

82 100

128 46.6 35.4 53.0

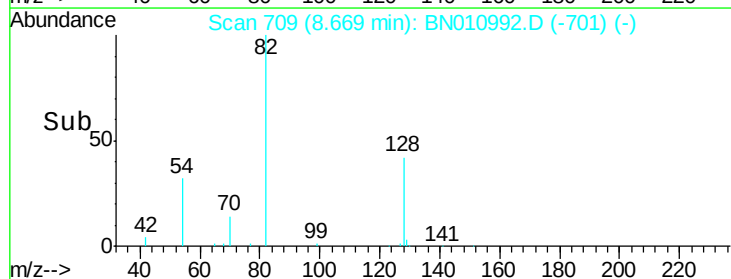
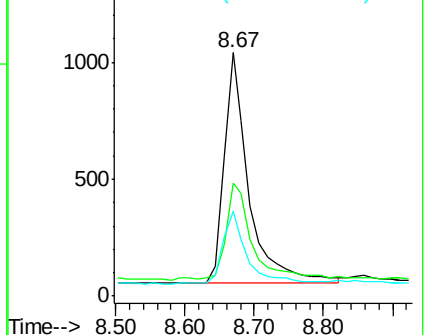
54 35.1 28.2 42.4

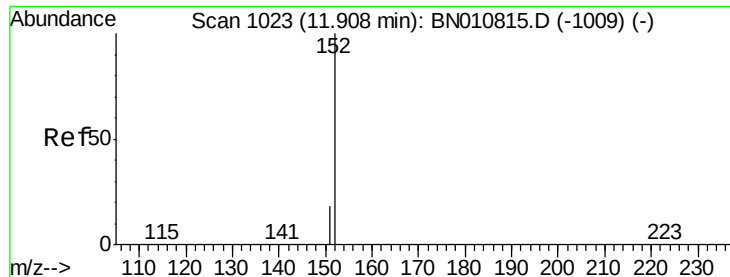


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

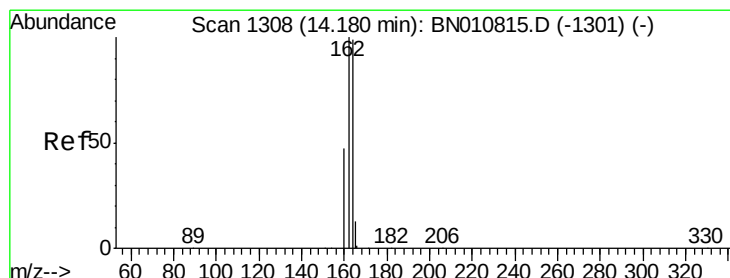
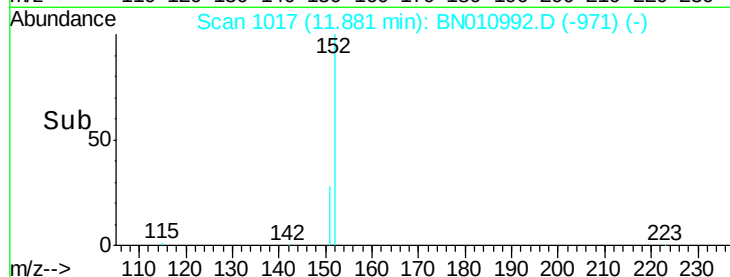
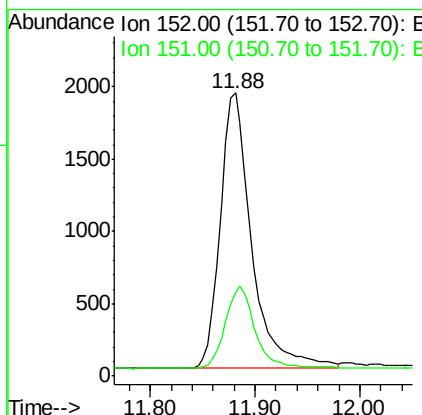
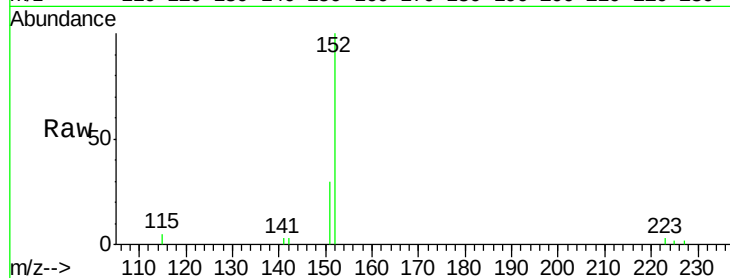




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010992.D
Acq: 20 Jun 2020 06:47

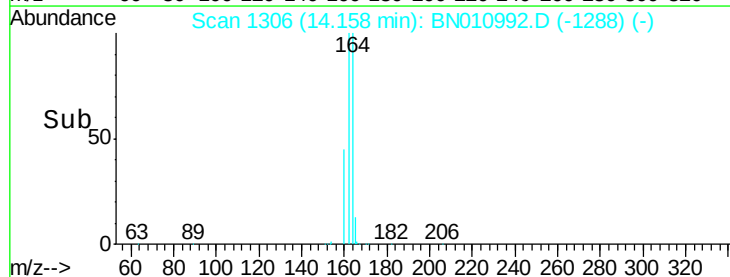
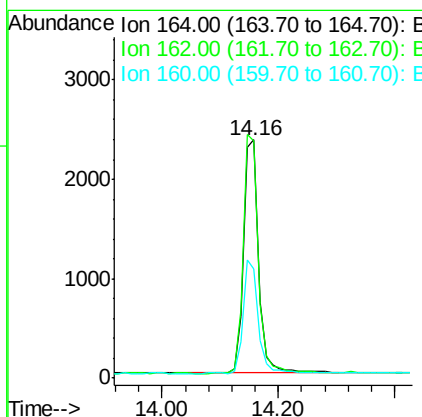
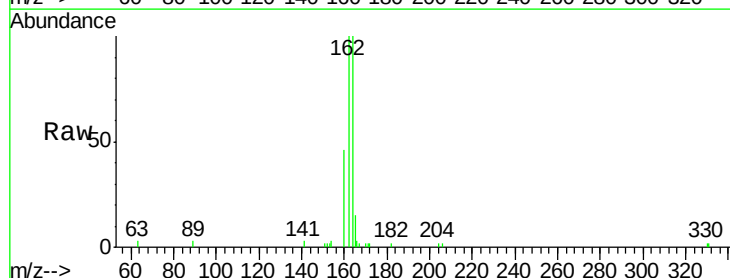
Instrument :
BNA_N
ClientSampleId :
RE120D3-20200615

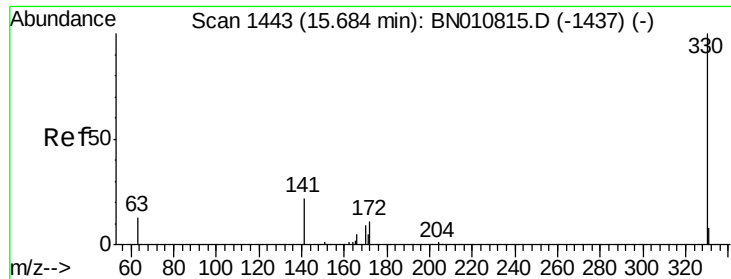
Tot Ion:152 Resp: 3943
Ion Ratio Lower Upper
152 100
151 28.3 15.3 22.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010992.D
Acq: 20 Jun 2020 06:47

Tgt Ion:164 Resp: 4274
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 46.1 38.9 58.3

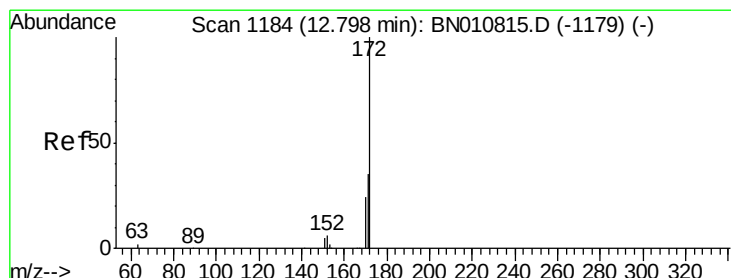
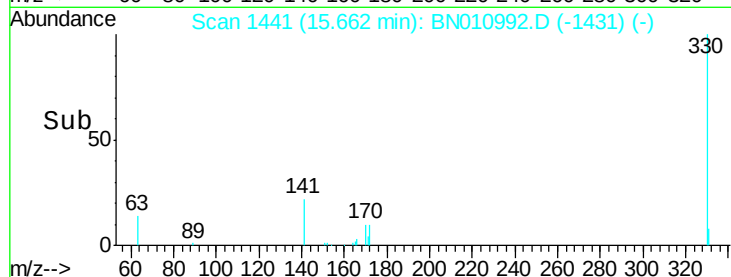
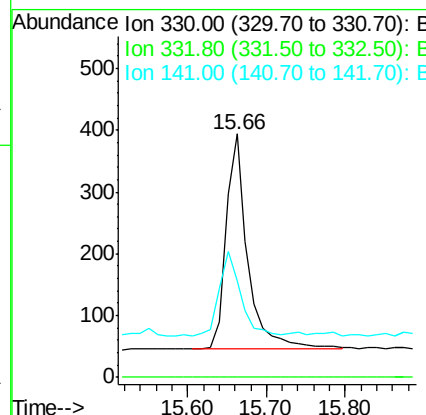
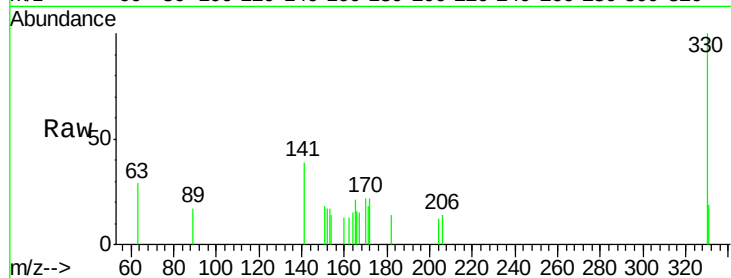




#14
 2,4,6-Tribromophenol
 Concen: 0.440 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BN010992.D
 Acq: 20 Jun 2020 06:47

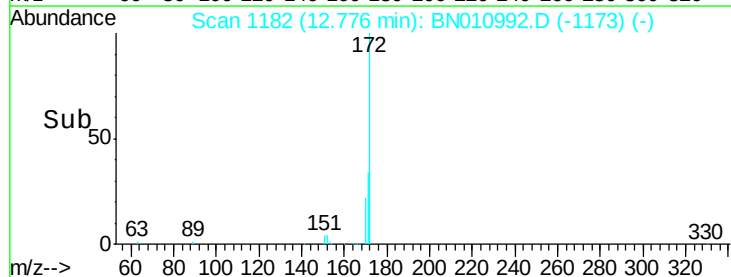
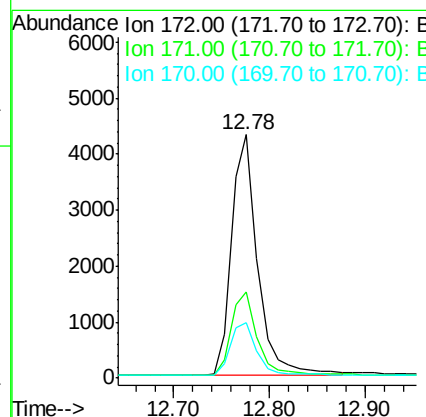
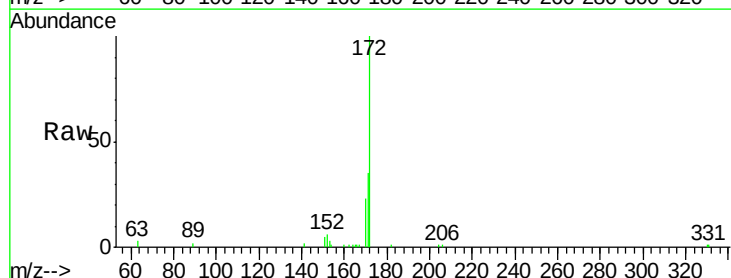
Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20200615

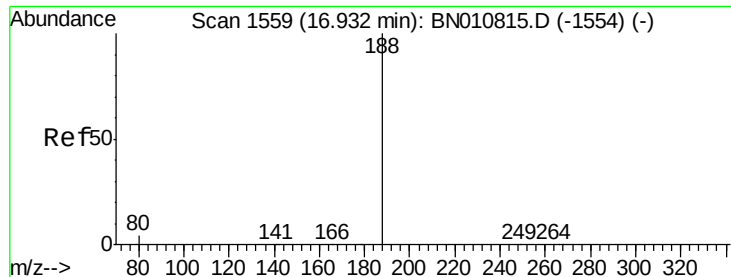
Tot Ion:330 Resp: 672
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.3 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.486 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010992.D
 Acq: 20 Jun 2020 06:47

Tgt Ion:172 Resp: 8200
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.8 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

Instrument :

BNA_N

ClientSampleId :

RE120D3-20200615

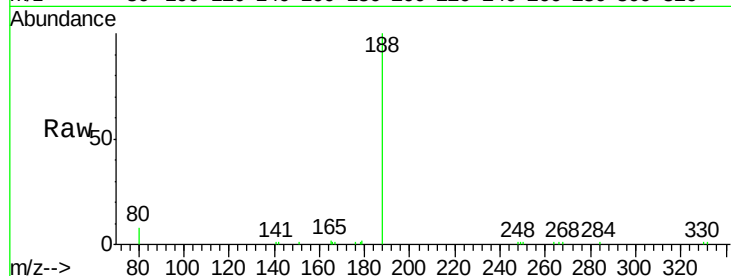
Tot Ion:188 Resp: 8996

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 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

6000

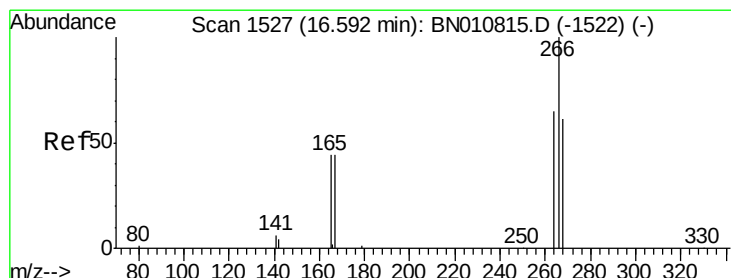
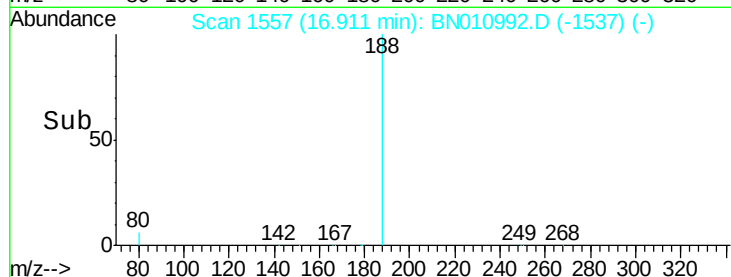
4000

2000

0

16.80 16.91 17.00 17.20

Time-->



#22

Pentachlorophenol

Concen: 0.022 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

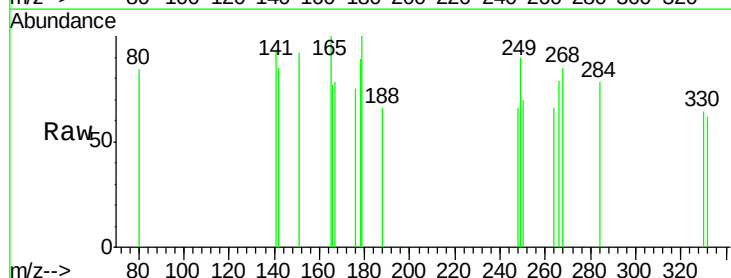
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 82.8 54.8 82.2#

268 106.9 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

80

60

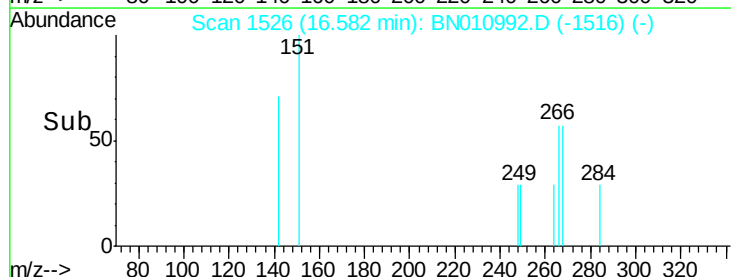
40

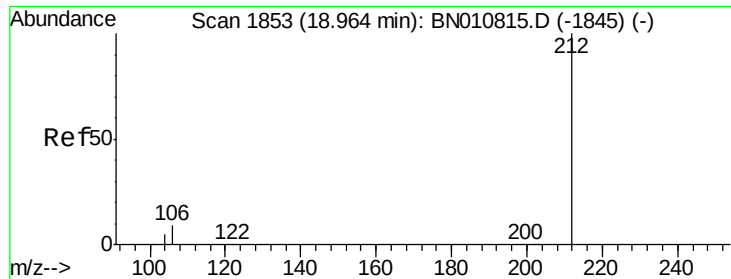
20

0

16.50 16.58 16.60

Time-->





#25

Fluoranthene-d10

Concen: 0.462 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

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RE120D3-20200615

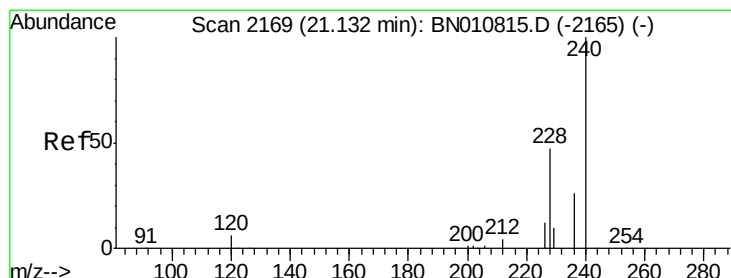
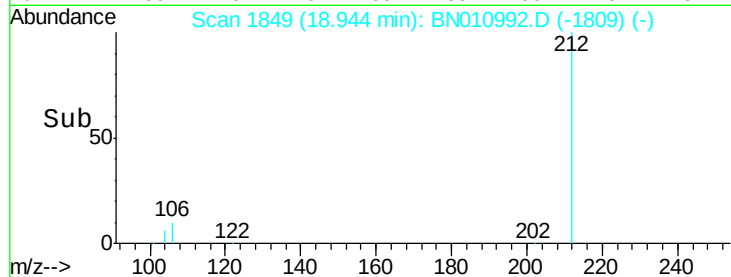
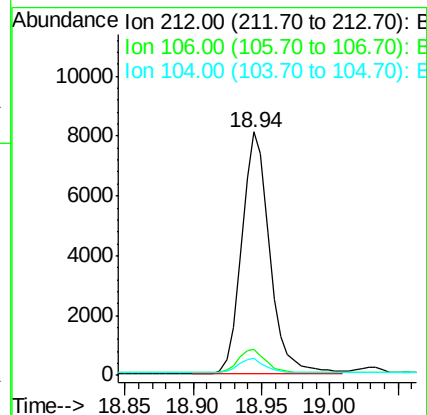
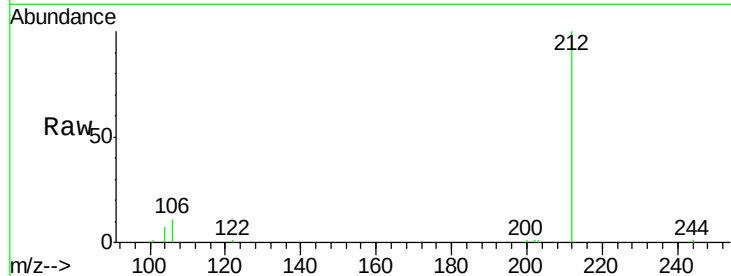
Tot Ion:212 Resp: 11480

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

104 5.7 4.0 6.0



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

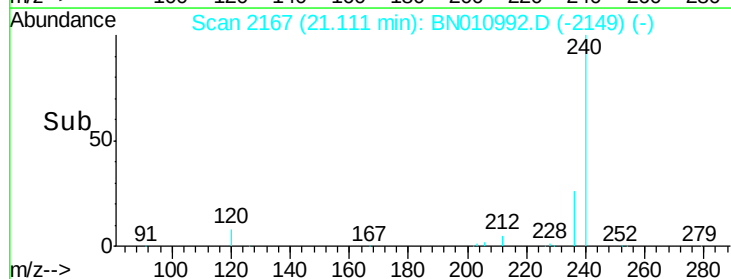
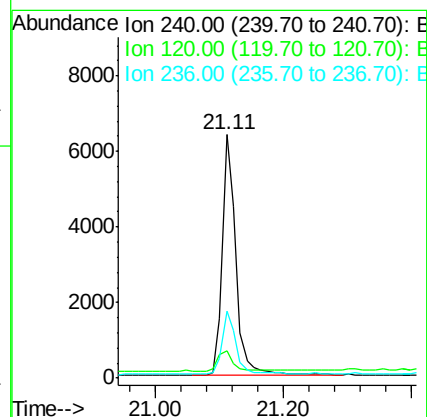
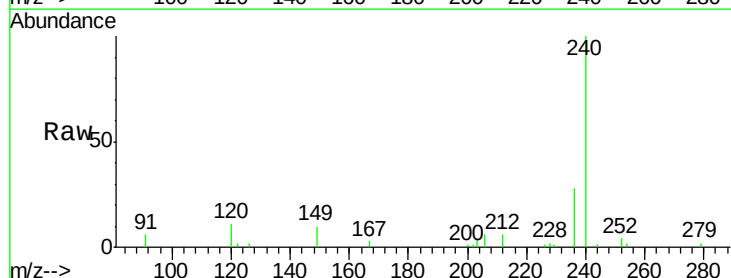
Tgt Ion:240 Resp: 9542

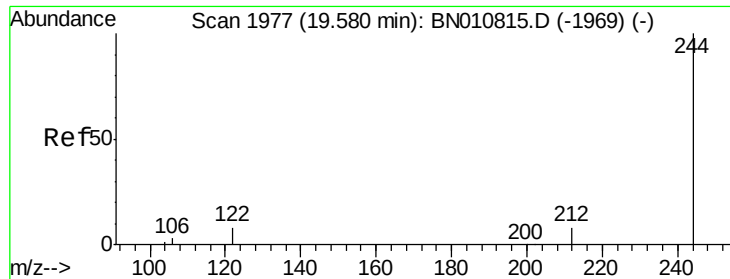
Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

236 27.8 22.3 33.5





#29

Terphenyl-d14

Concen: 0.623 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

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RE120D3-20200615

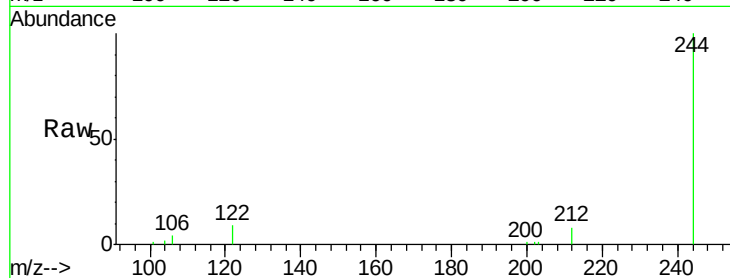
Tot Ion:244 Resp: 13914

Ion Ratio Lower Upper

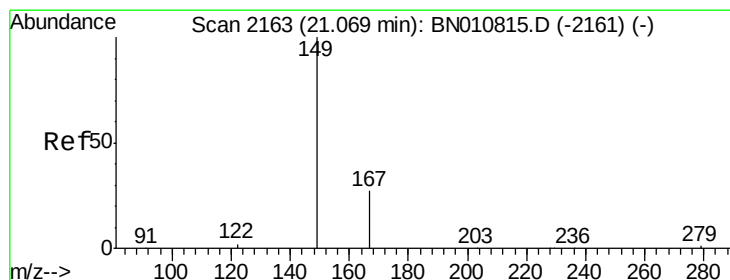
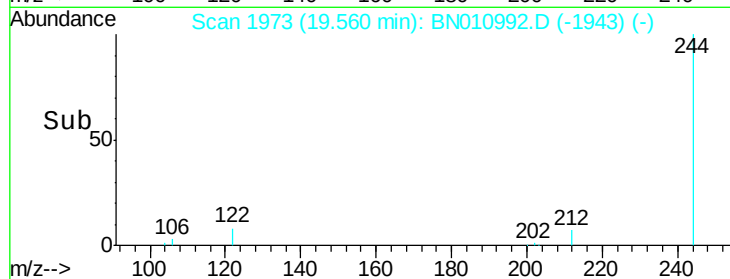
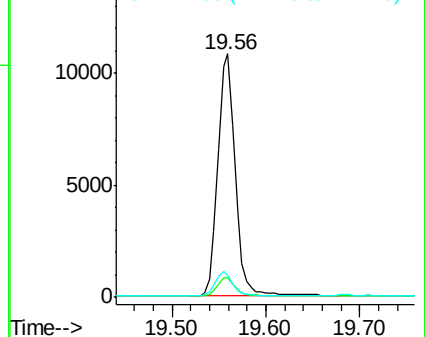
244 100

212 8.1 7.4 11.2

122 9.1 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: 0.173 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

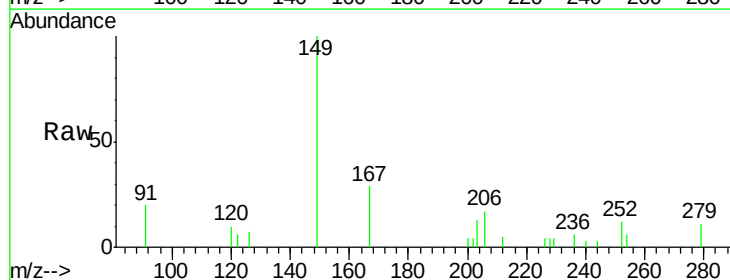
Tgt Ion:149 Resp: 1616

Ion Ratio Lower Upper

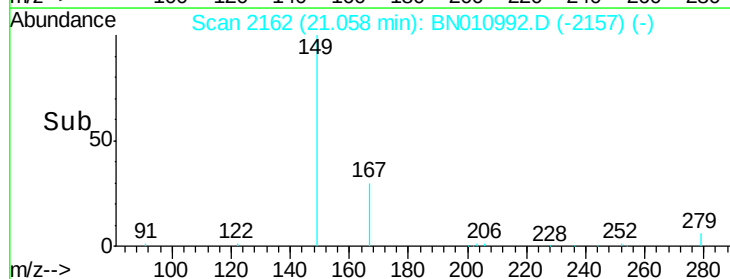
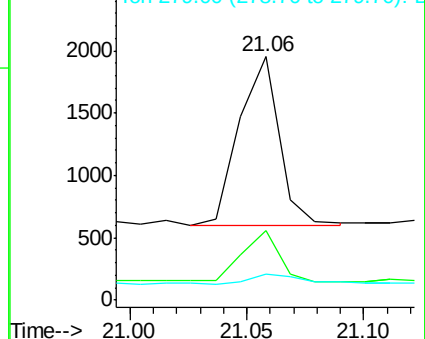
149 100

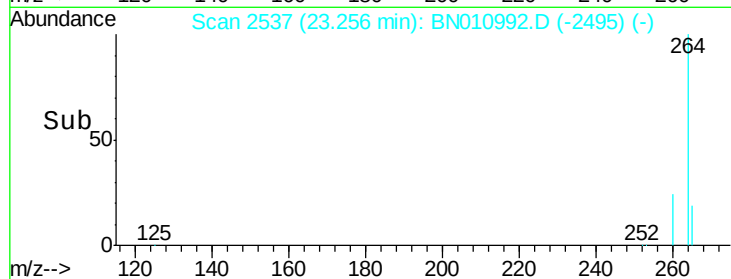
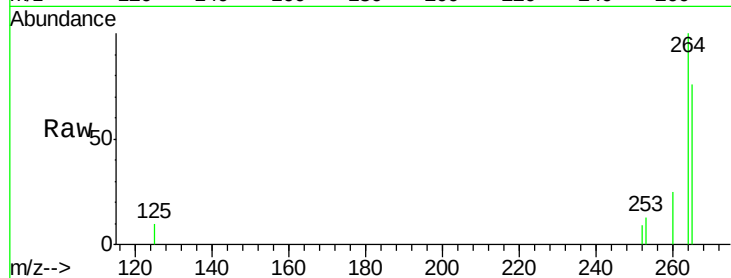
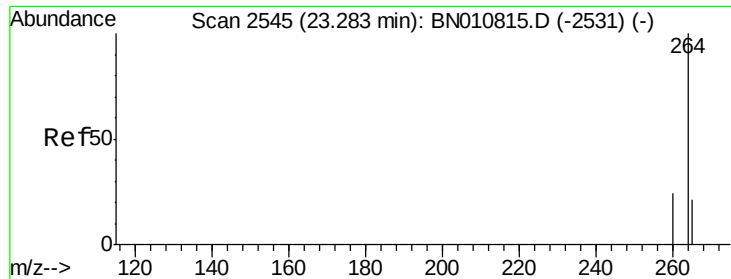
167 27.9 24.1 36.1

279 5.1 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: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010992.D

Acq: 20 Jun 2020 06:47

Instrument :

BNA_N

ClientSampleId :

RE120D3-20200615

Tot Ion:264 Resp: 10418

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 76.2 75.0 112.4

