

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010947.D
 Acq On : 17 Jun 2020 18:59
 Operator : CG/JU
 Sample : L3011-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20200612

Quant Time: Jun 17 19:33:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

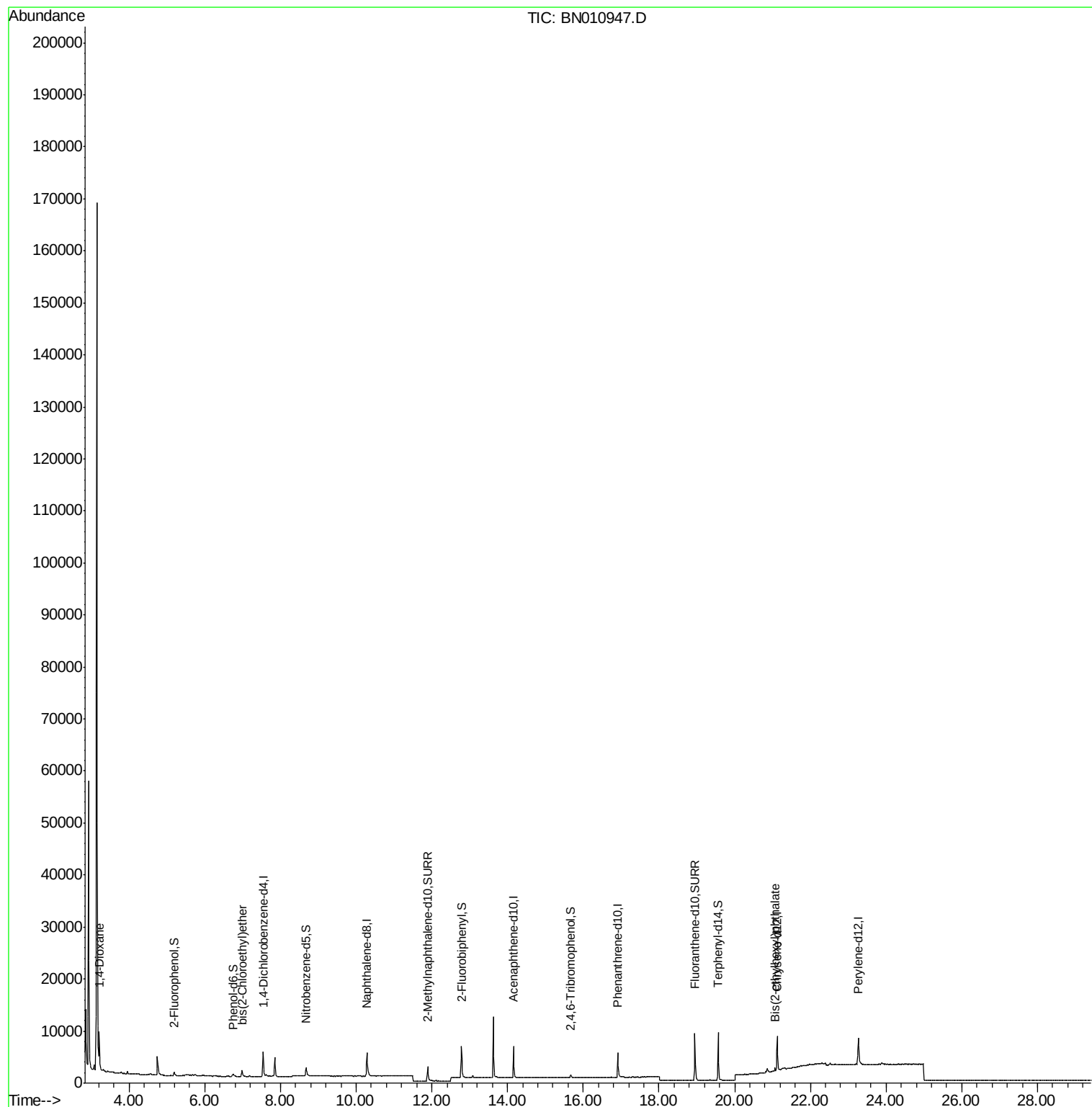
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2472	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7233	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	3994	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	8064	0.40	ng	0.00
27) Chrysene-d12	21.12	240	7205	0.40	ng	0.00
34) Perylene-d12	23.27	264	7460	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	614	0.13	ng	0.00
5) Phenol-d6	6.74	99	437	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2082	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4684	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	476	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	6151	0.39	ng	0.00
25) Fluoranthene-d10	18.95	212	11581	0.52	ng	0.00
29) Terphenyl-d14	19.57	244	10124	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	5067	2.093	ng	97
6) bis(2-Chloroethyl)ether	6.99	93	1294	0.236	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	719	0.102	ng	# 90

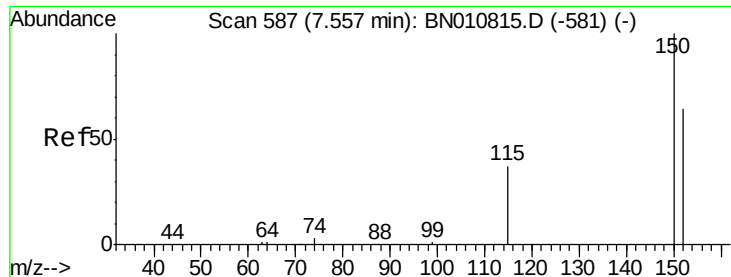
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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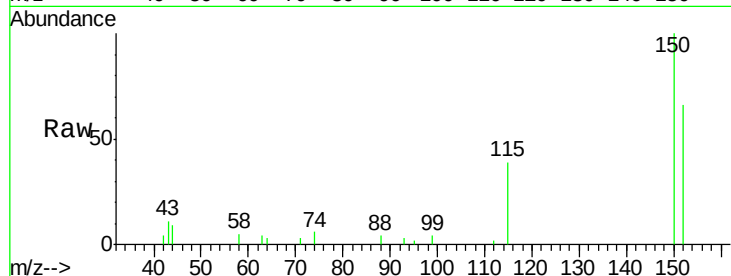


#1

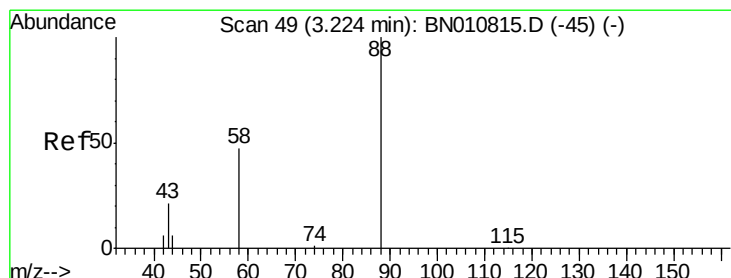
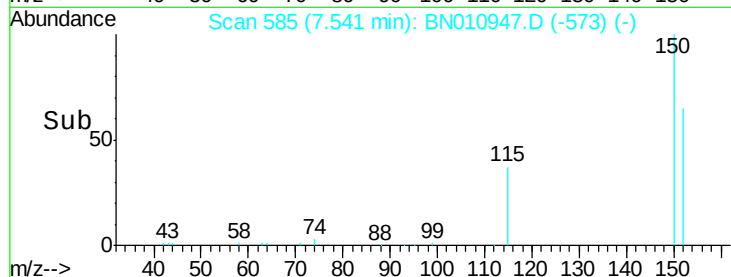
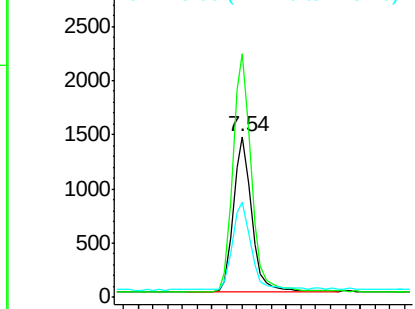
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Instrument :
BNA_N
ClientSampleId :
RE104D2-20200612

Tot Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 58.9 49.2 73.8



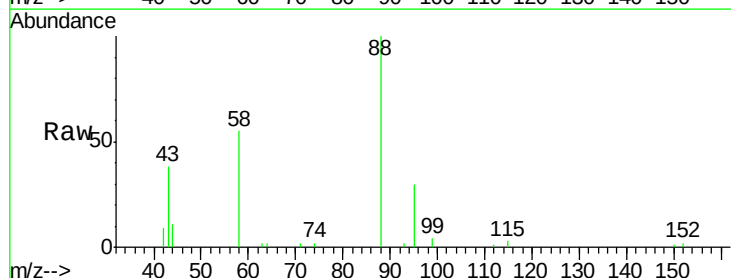
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



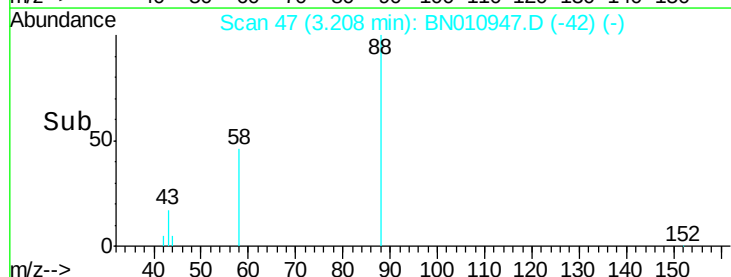
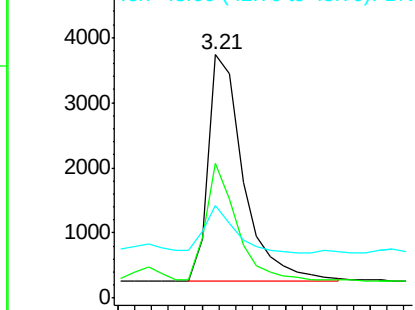
#2

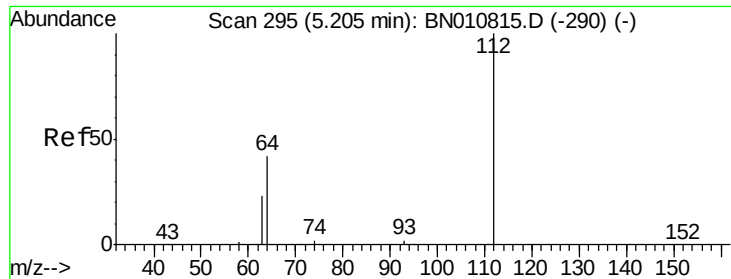
1,4-Dioxane
Concen: 2.093 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion: 88 Resp: 5067
Ion Ratio Lower Upper
88 100
58 45.0 38.2 57.4
43 18.3 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: 0.129 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

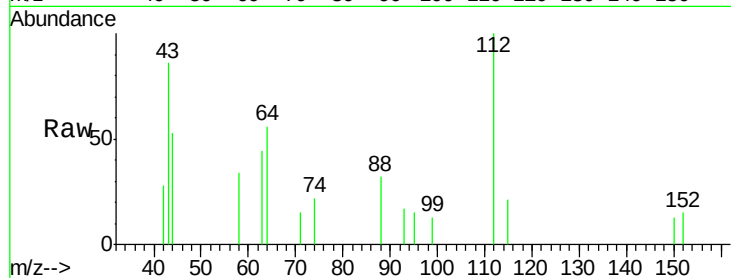
Tot Ion: 112 Resp: 614

Ion Ratio Lower Upper

112 100

64 45.0 37.4 56.0

63 25.2 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

5.19

400

300

200

100

0

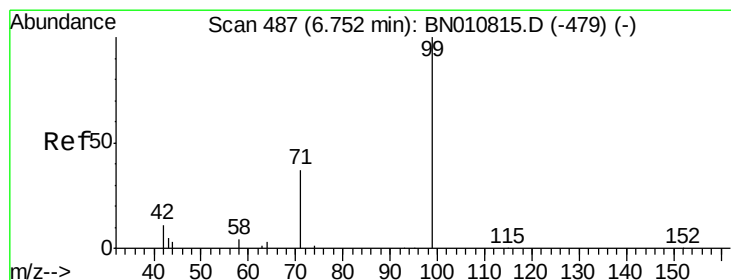
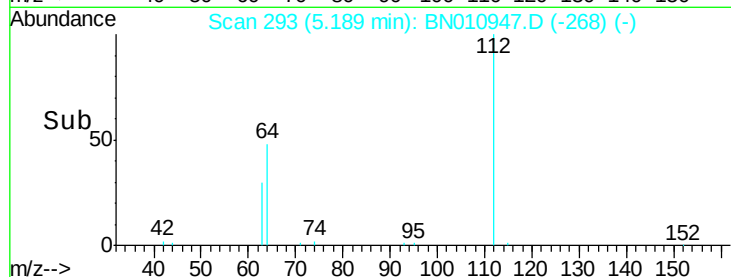
5.10

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

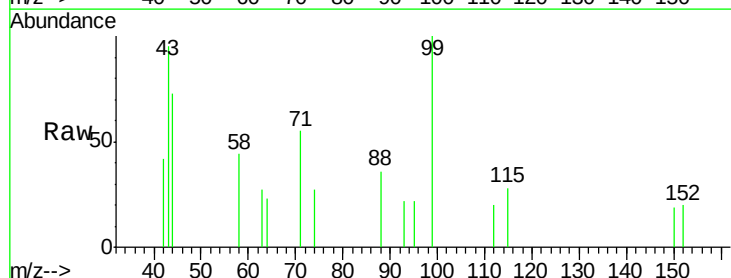
Tgt Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 22.7 11.1 16.7#

71 42.3 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

6.74

300

200

100

0

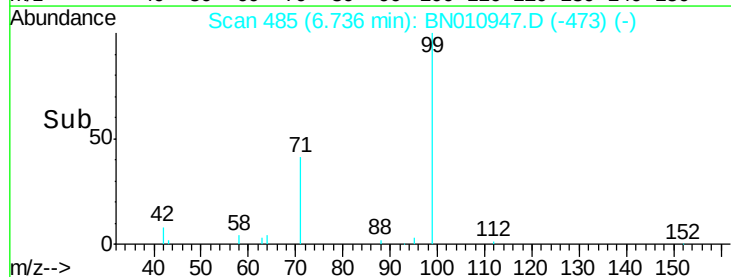
6.60

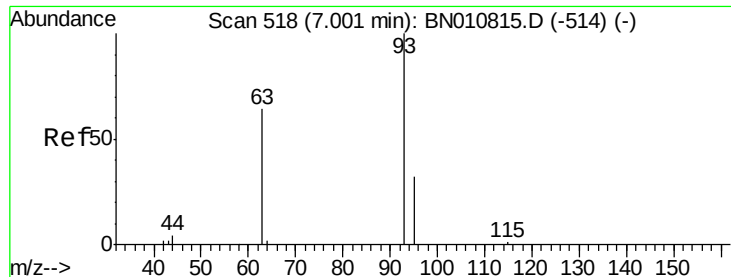
6.70

6.80

6.90

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.236 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

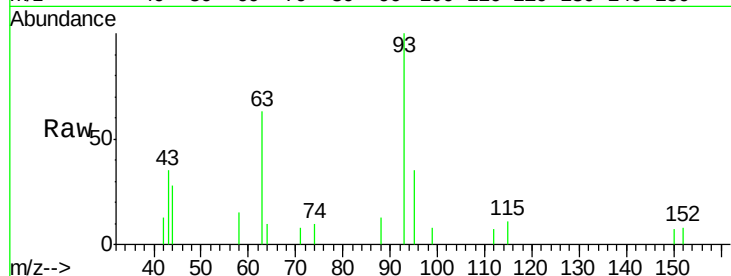
Tot Ion: 93 Resp: 1294

Ion Ratio Lower Upper

93 100

63 63.1 49.4 74.2

95 30.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

800

600

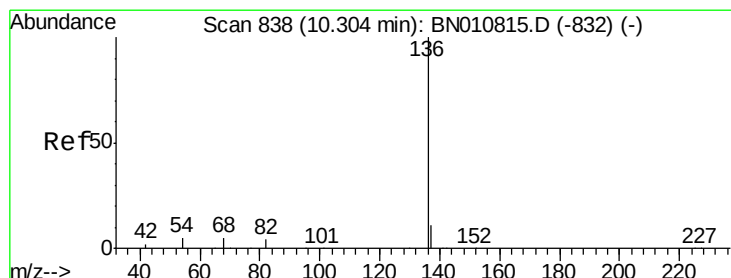
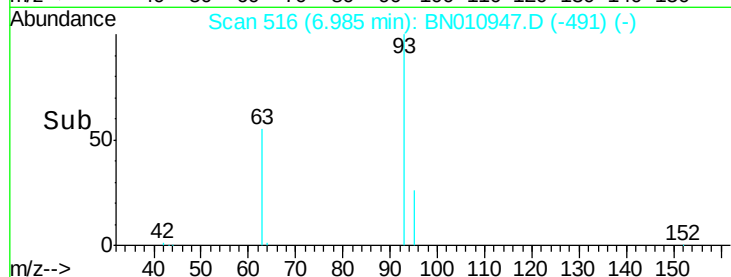
400

200

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Tgt Ion: 136 Resp: 7233

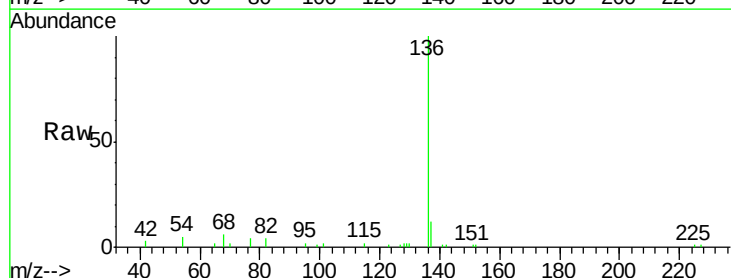
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 4.9 4.9 7.3

68 5.6 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) (-)

10.29

5000

4000

3000

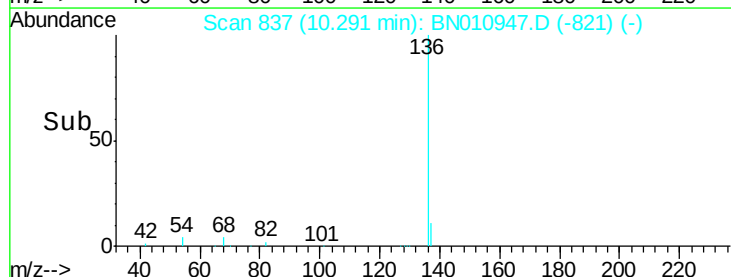
2000

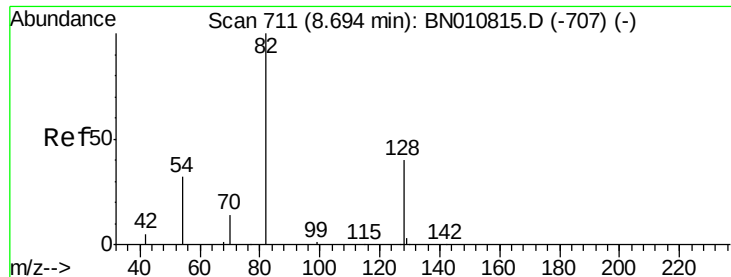
1000

0

10.20 10.40

Time-->

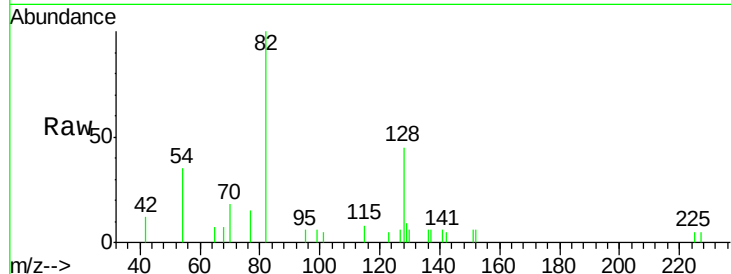




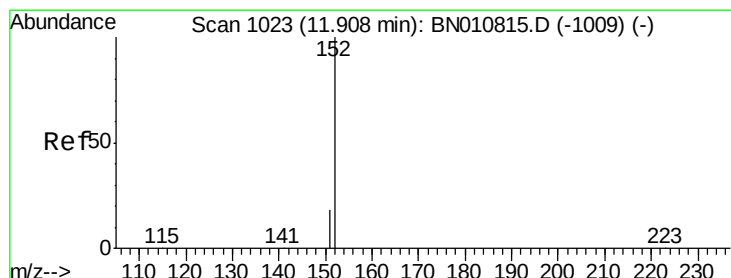
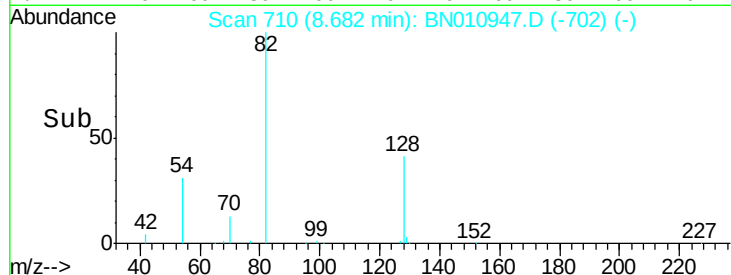
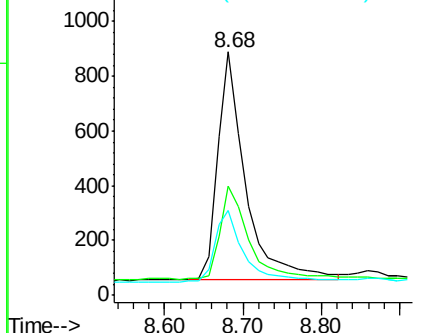
#8
 Nitrobenzene-d5
 Concen: 0.389 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010947.D
 Acq: 17 Jun 2020 18:59

Instrument :
 BNA_N
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 RE104D2-20200612

Tot Ion	82	Resp	2082
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.4	53.0
54	34.6	28.2	42.4

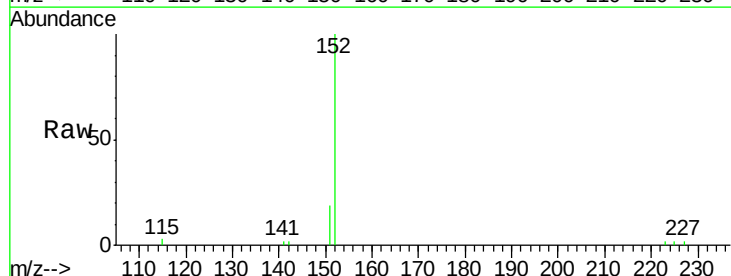


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

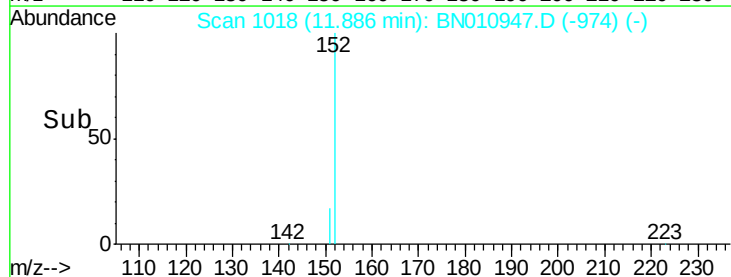
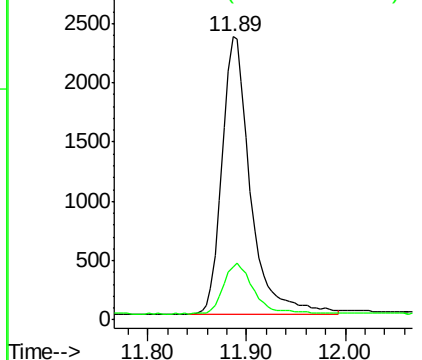


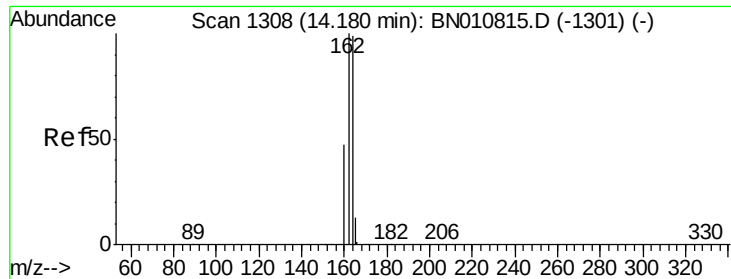
#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BN010947.D
 Acq: 17 Jun 2020 18:59

Tgt Ion	152	Resp	4684
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.3	22.9



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

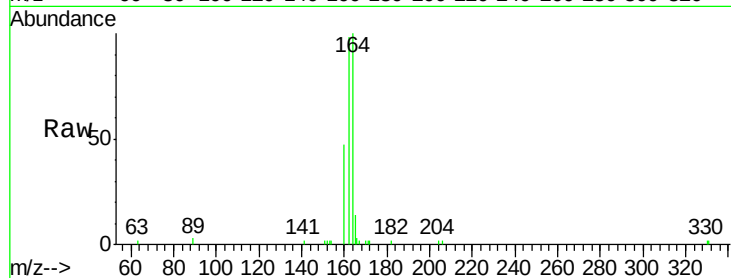
Tot Ion:164 Resp: 3994

Ion Ratio Lower Upper

164 100

162 97.6 81.0 121.6

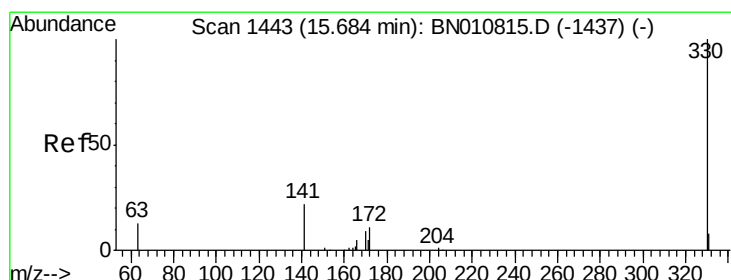
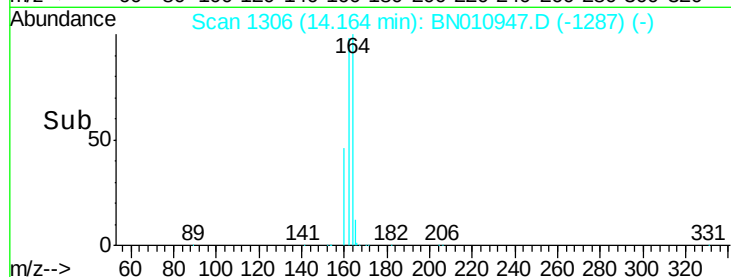
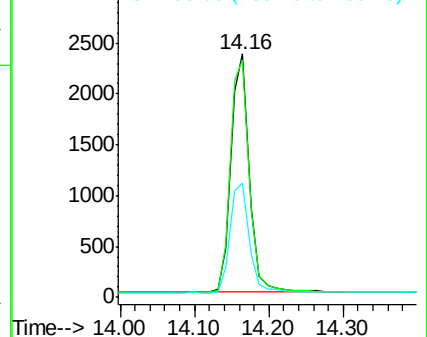
160 47.1 38.9 58.3



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: 0.333 ng

RT: 15.67 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

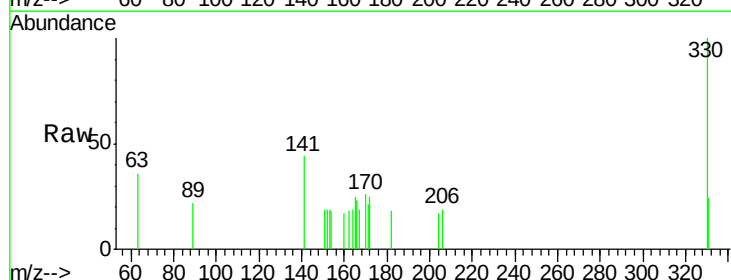
Tgt Ion:330 Resp: 476

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

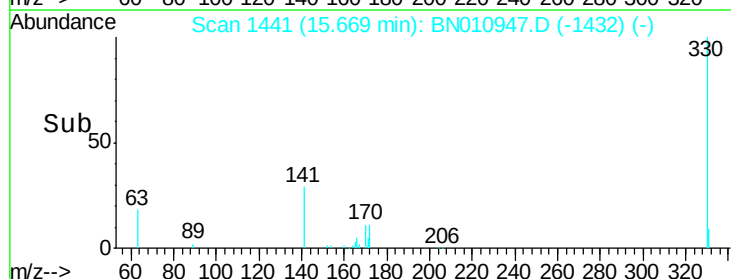
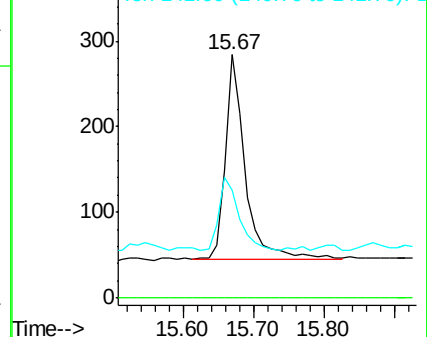
141 35.9 33.2 49.8

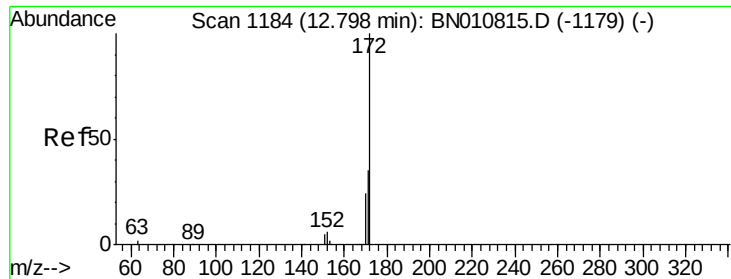


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

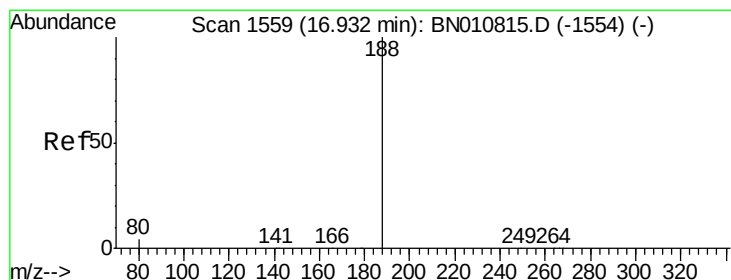
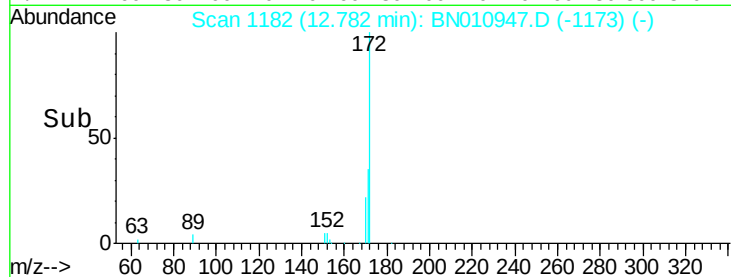
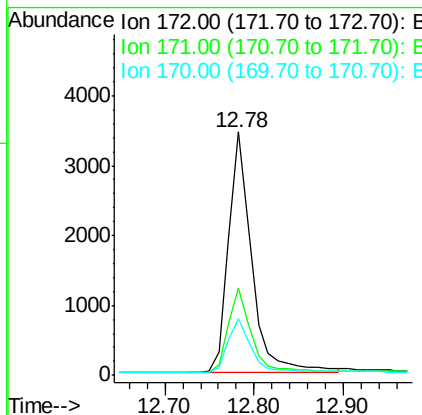
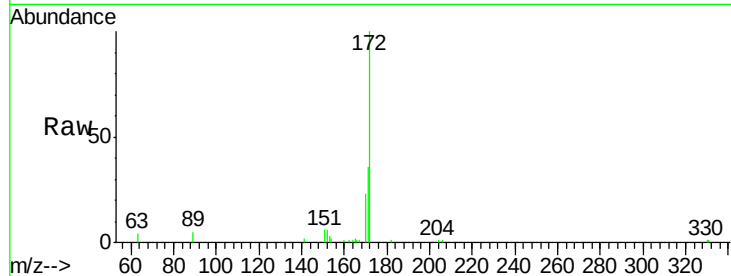




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

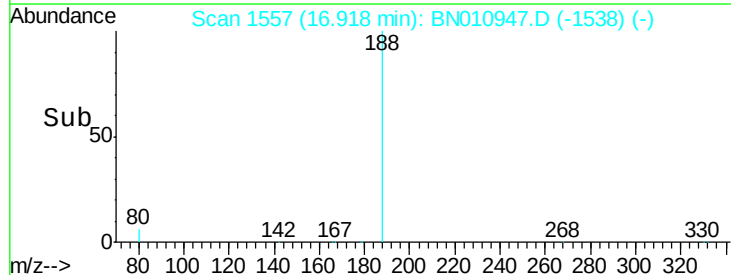
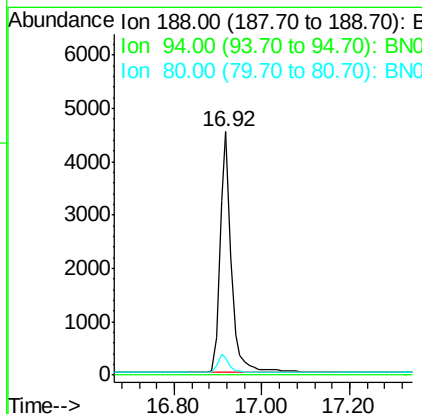
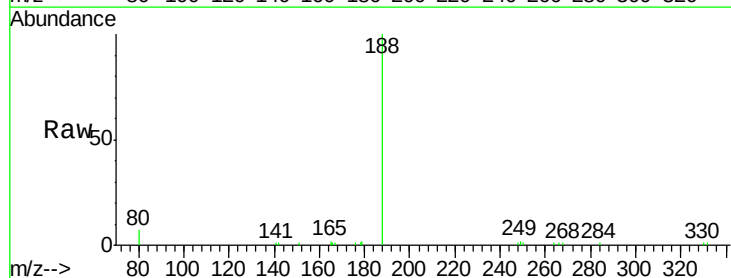
Instrument :
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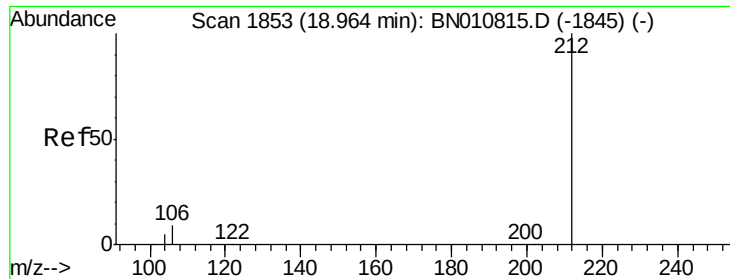
Tot Ion:172 Resp: 6151
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010947.D
Acq: 17 Jun 2020 18:59

Tgt Ion:188 Resp: 8064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.520 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

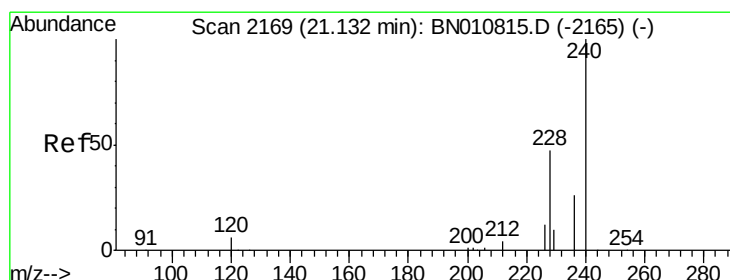
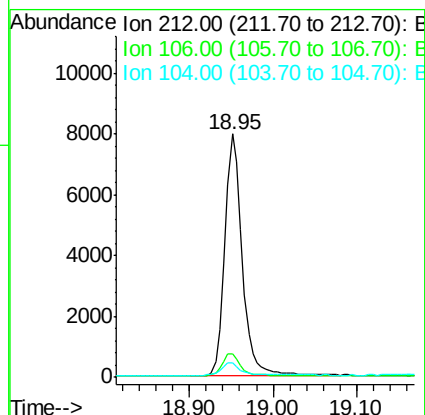
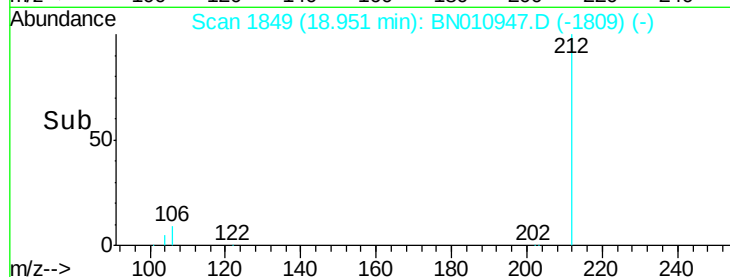
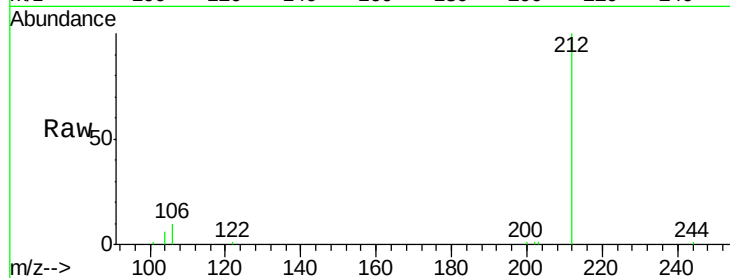
Tot Ion:212 Resp: 11581

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

104 5.4 4.0 6.0



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

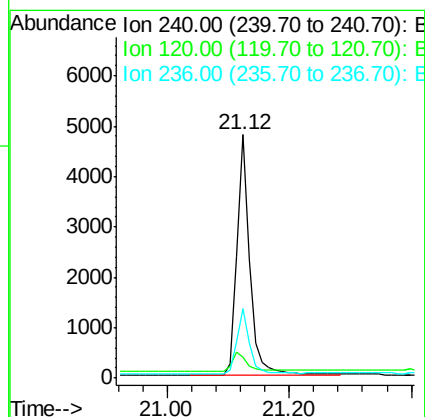
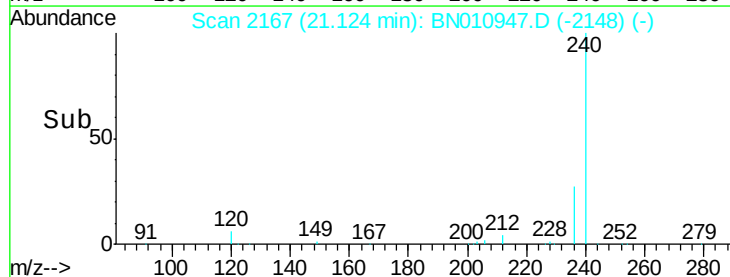
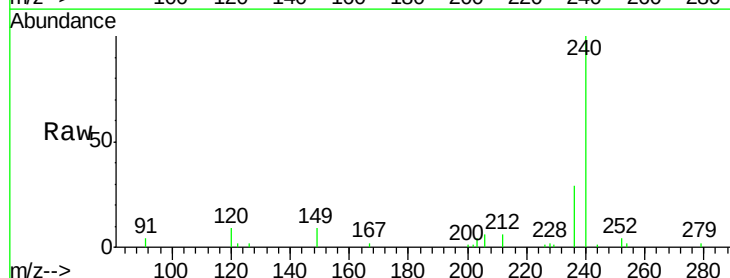
Tgt Ion:240 Resp: 7205

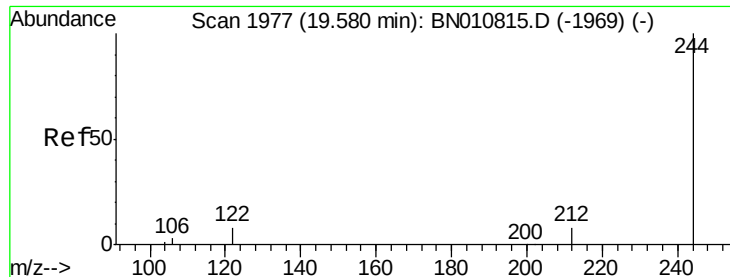
Ion Ratio Lower Upper

240 100

120 8.6 7.5 11.3

236 28.6 22.3 33.5





#29

Terphenyl-d14

Concen: 0.600 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

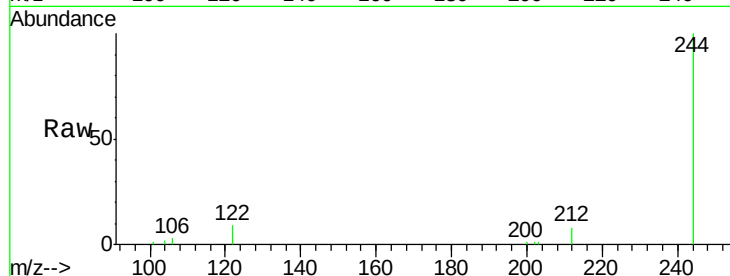
Tot Ion:244 Resp: 10124

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

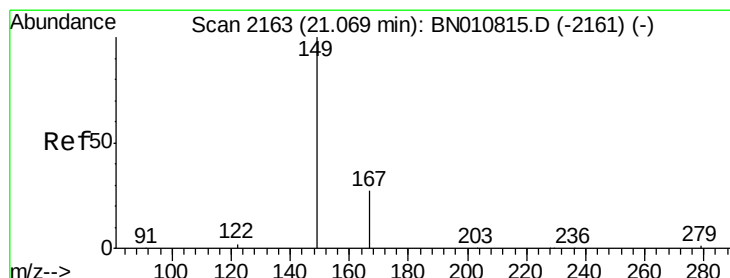
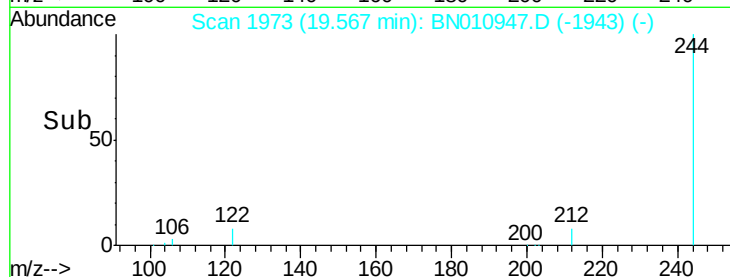
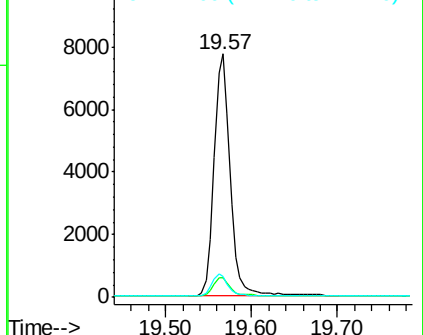
122 8.7 7.5 11.3



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: 0.102 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

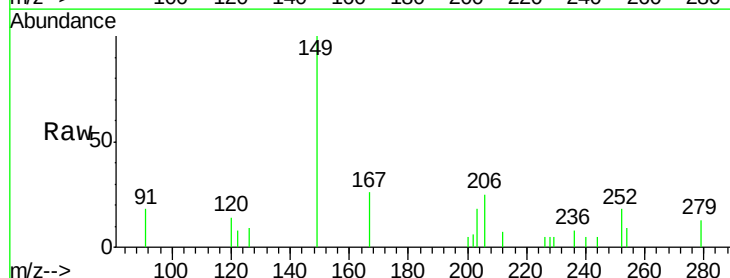
Tgt Ion:149 Resp: 719

Ion Ratio Lower Upper

149 100

167 23.5 24.1 36.1#

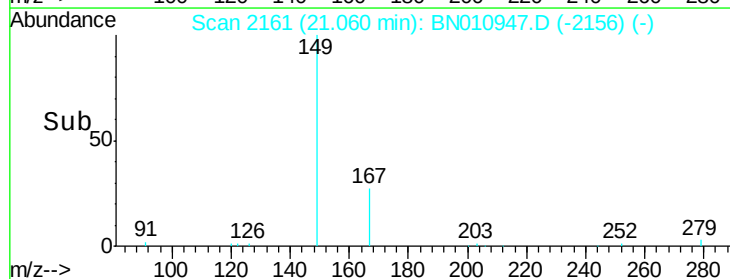
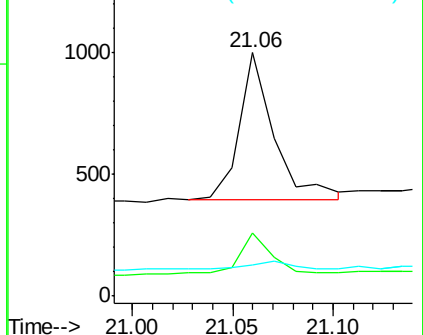
279 5.8 4.6 7.0

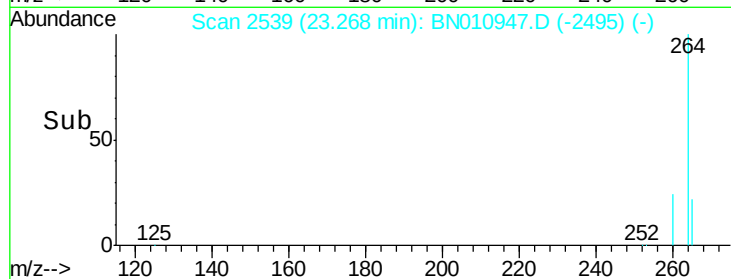
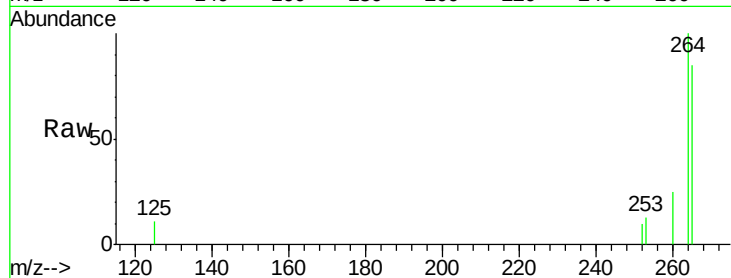
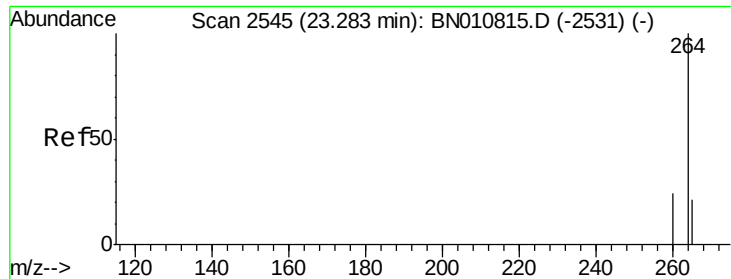


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2539

Delta R.T. 0.00 min

Lab File: BN010947.D

Acq: 17 Jun 2020 18:59

Instrument :

BNA_N

ClientSampleId :

RE104D2-20200612

Tot Ion: 264 Resp: 7460

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 84.6 75.0 112.4

