

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010934.D
 Acq On : 17 Jun 2020 08:41
 Operator : CG/JU
 Sample : L3011-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-DUP03-20200611

Quant Time: Jun 17 09:45:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

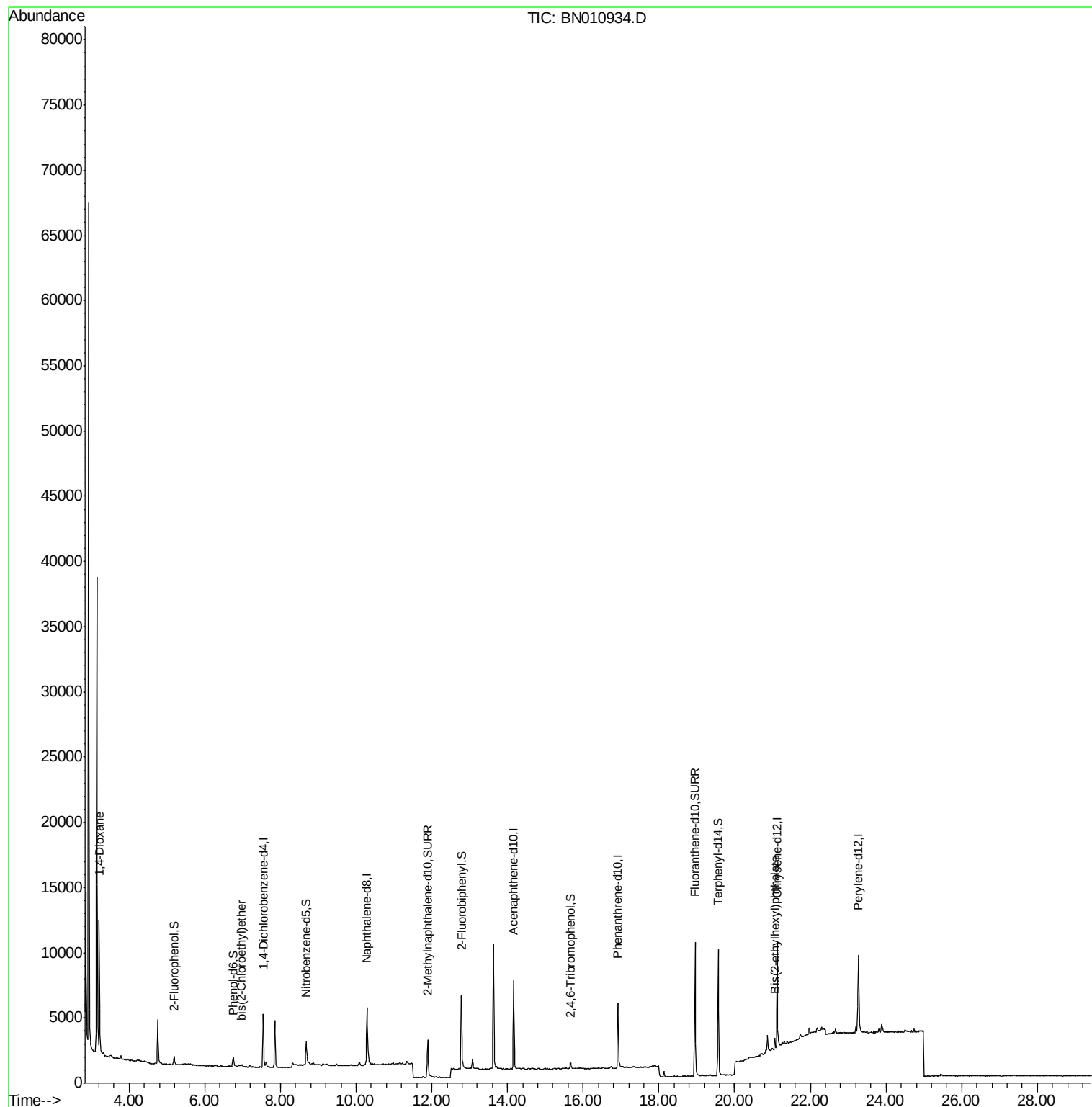
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2115	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7216	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4007	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	8401	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	8877	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8558	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	678	0.17	ng	0.00
5) Phenol-d6	6.74	99	480	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2325	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4919	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	513	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6537	0.41	ng	0.00
25) Fluoranthene-d10	18.95	212	13651	0.59	ng	0.00
29) Terphenyl-d14	19.56	244	10059	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	7715	3.724	ng	99
6) bis(2-Chloroethyl)ether	6.99	93	122	0.026	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.07	149	977	0.112	ng	94

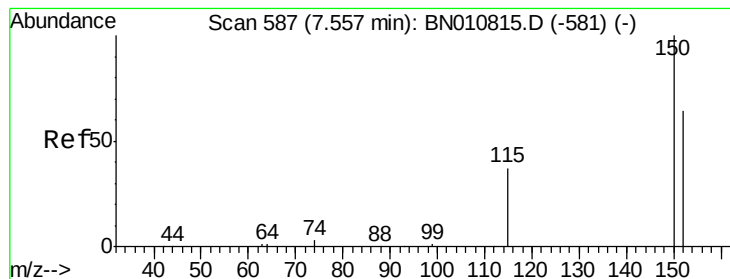
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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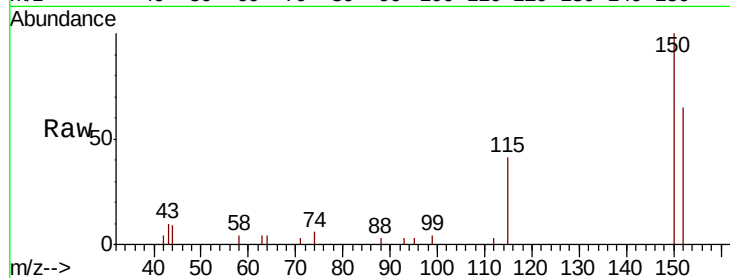


#1

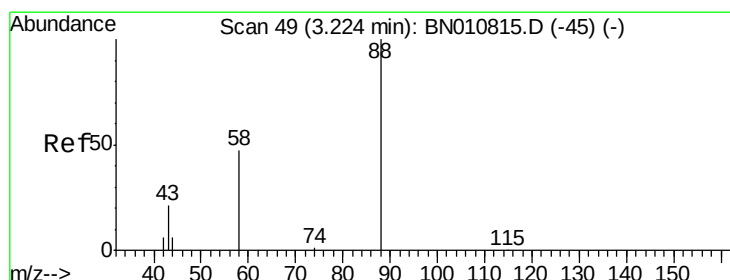
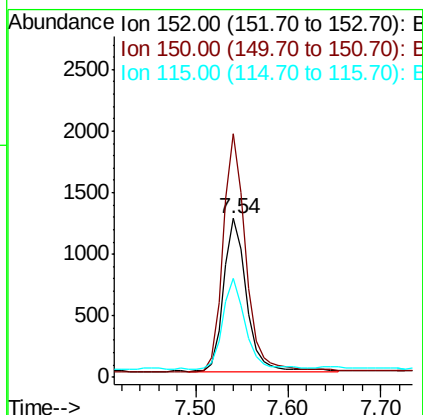
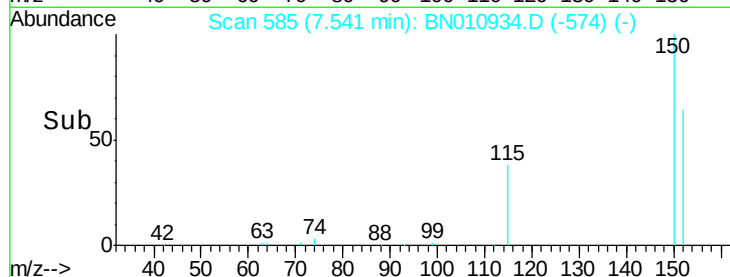
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010934.D
Acq: 17 Jun 2020 08:41

Instrument :
BNA_N
ClientSampleId :
RE-DUP03-20200611

Tot Ion:152 Resp: 2115
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 62.3 49.2 73.8



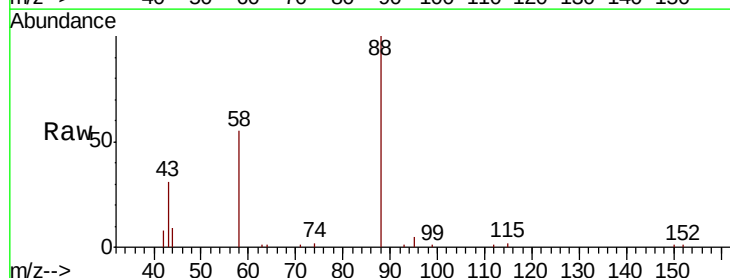
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



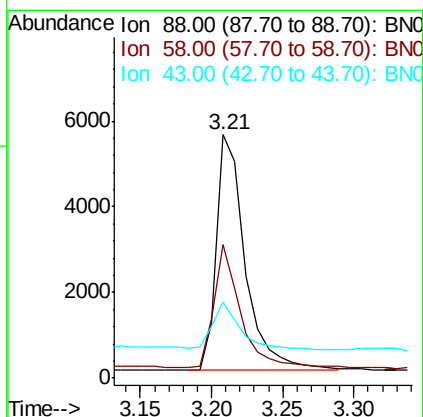
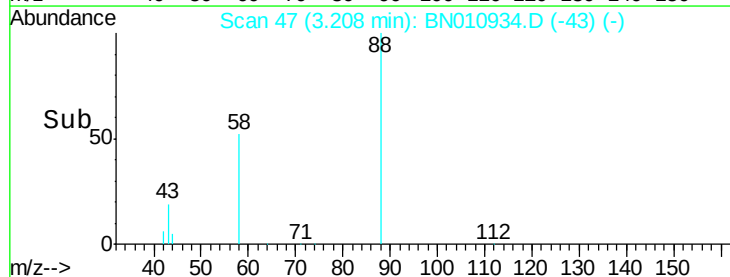
#2

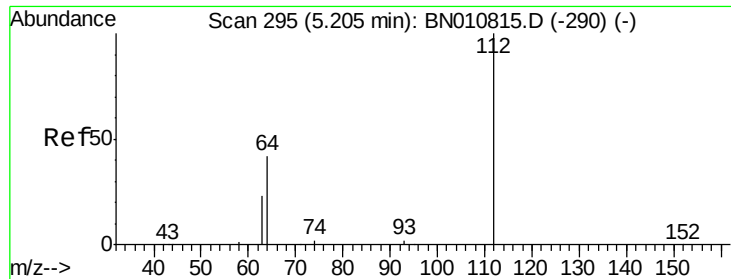
1,4-Dioxane
Concen: 3.724 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010934.D
Acq: 17 Jun 2020 08:41

Tgt Ion: 88 Resp: 7715
Ion Ratio Lower Upper
88 100
58 46.5 38.2 57.4
43 18.9 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: 0.166 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

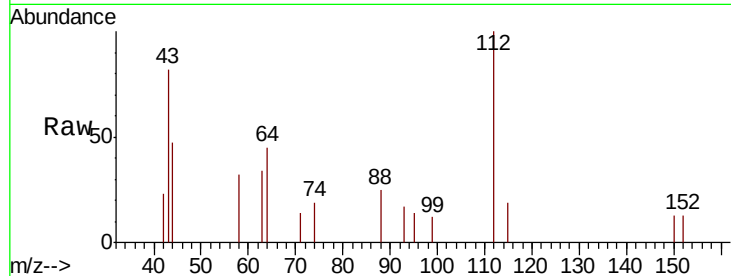
Tot Ion: 112 Resp: 678

Ion Ratio Lower Upper

112 100

64 44.2 37.4 56.0

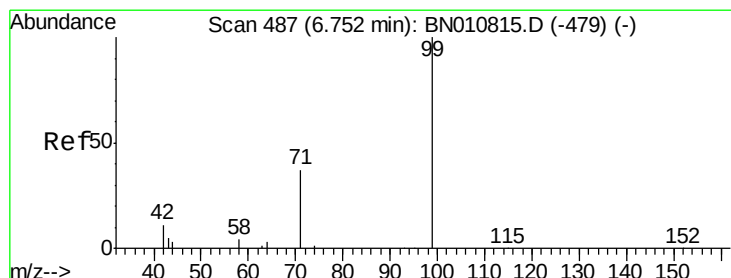
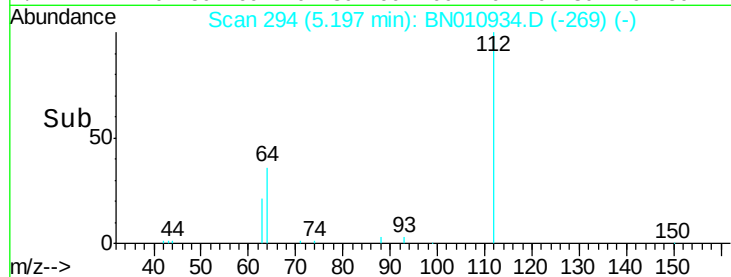
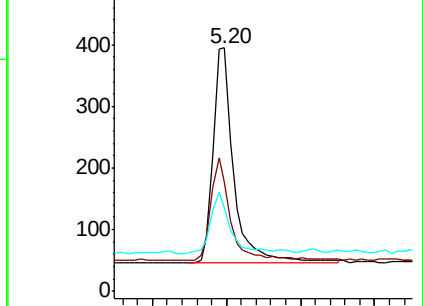
63 28.2 22.2 33.4



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

Phenol-d6

Concen: 0.100 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

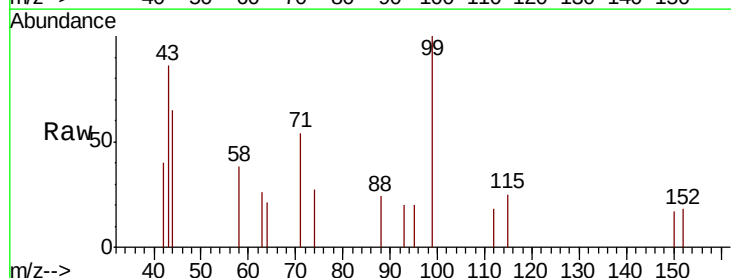
Tgt Ion: 99 Resp: 480

Ion Ratio Lower Upper

99 100

42 19.6 11.1 16.7#

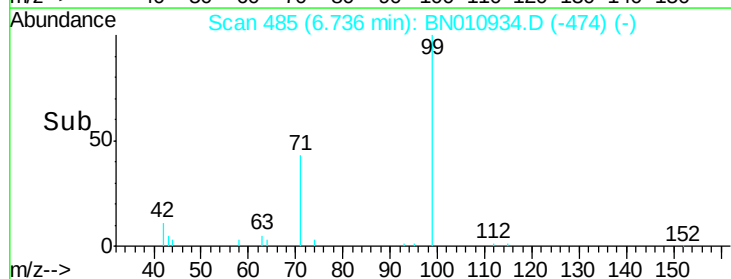
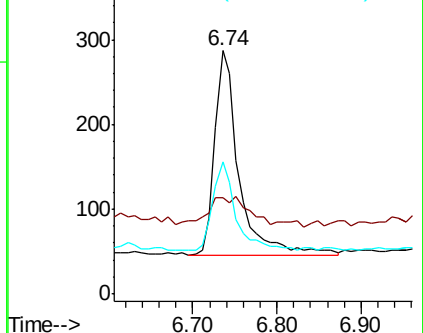
71 41.3 31.4 47.2

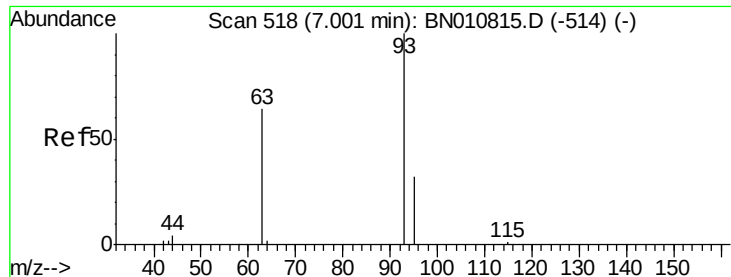


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

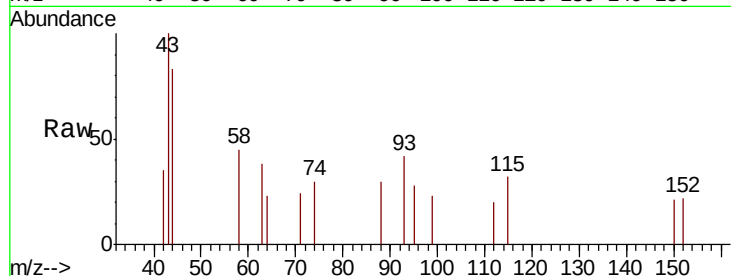
Tot Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

63 49.2 49.4 74.2#

95 26.2 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) (-)

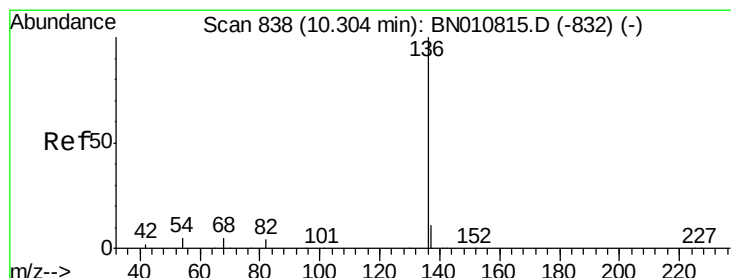
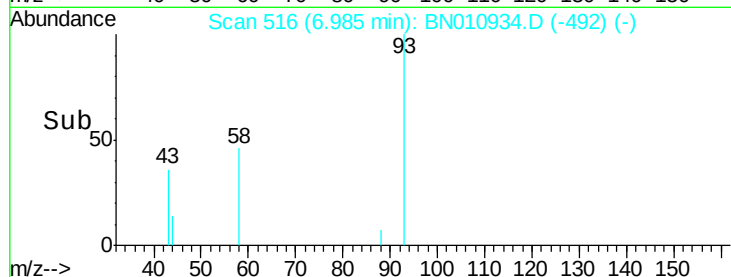
6.99

100

50

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Tgt Ion: 136 Resp: 7216

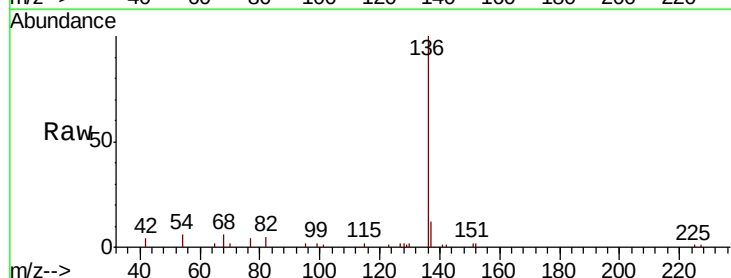
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 5.5 4.9 7.3

68 6.1 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

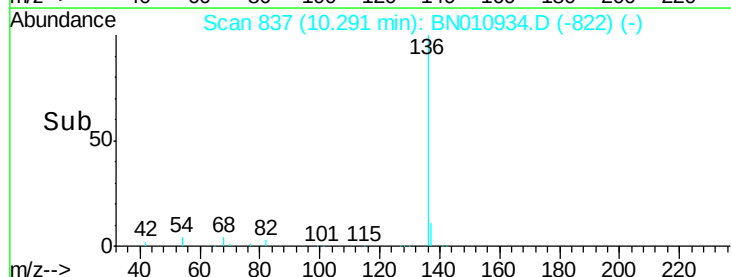
3000

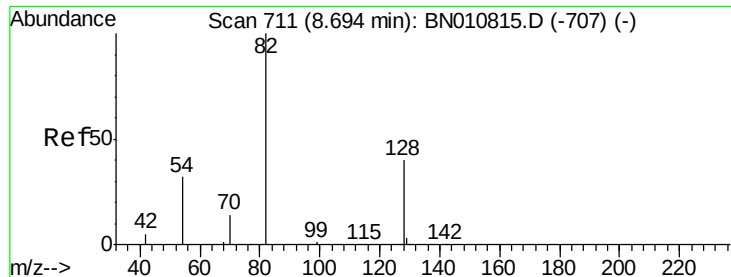
2000

1000

0

Time-->

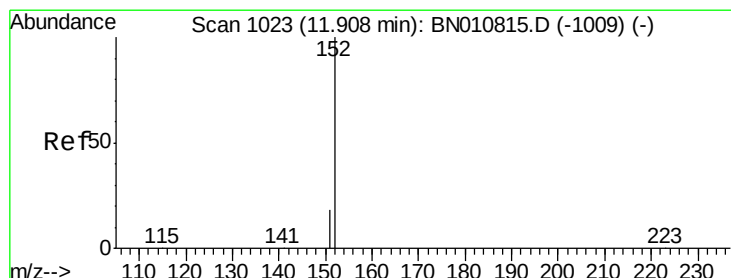
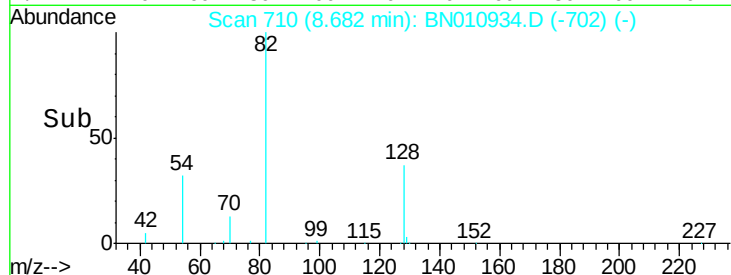
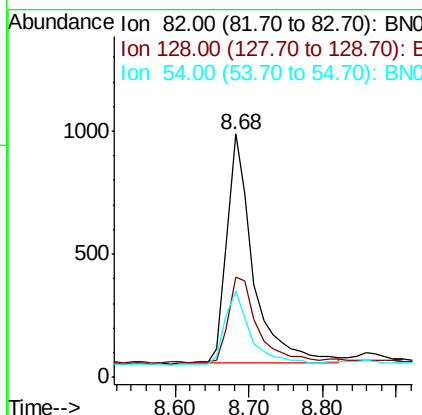
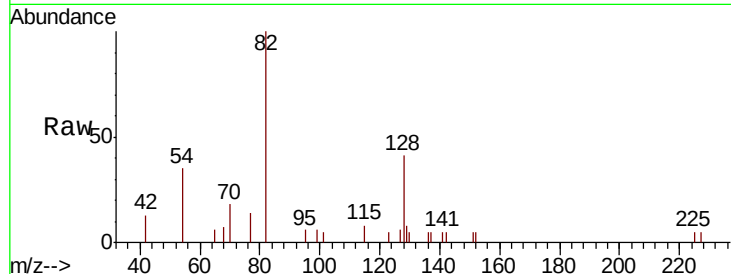




#8
 Nitrobenzene-d5
 Concen: 0.435 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010934.D
 Acq: 17 Jun 2020 08:41

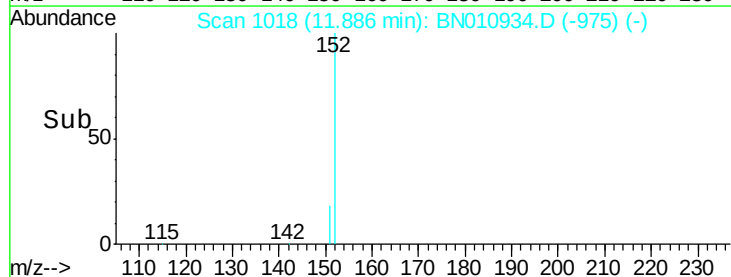
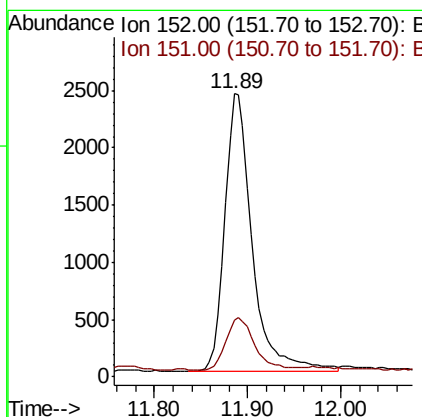
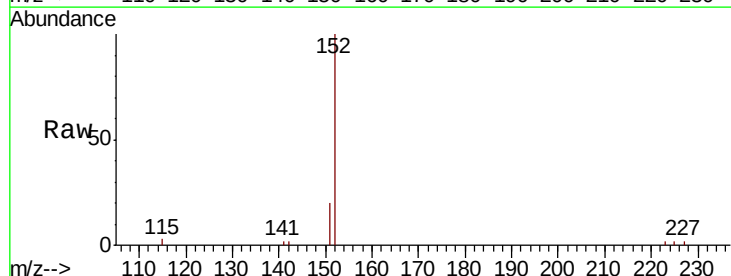
Instrument :
 BNA_N
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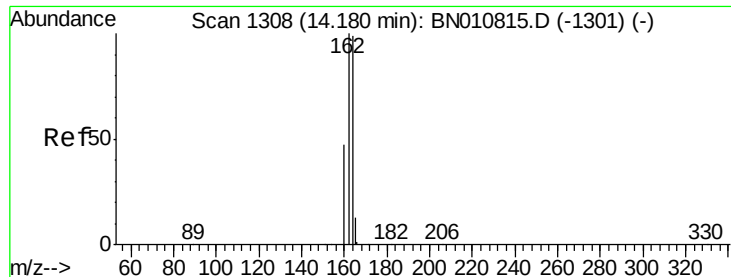
Tot Ion	82	Resp	2325
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.4	53.0
54	35.3	28.2	42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.439 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BN010934.D
 Acq: 17 Jun 2020 08:41

Tgt Ion	152	Resp	4919
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

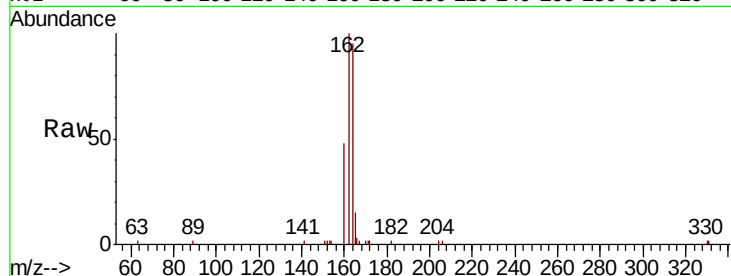
Tot Ion:164 Resp: 4007

Ion Ratio Lower Upper

164 100

162 105.5 81.0 121.6

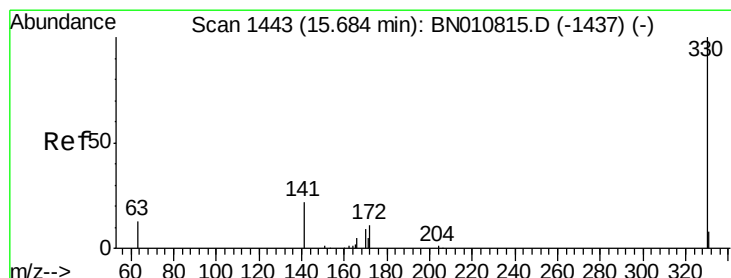
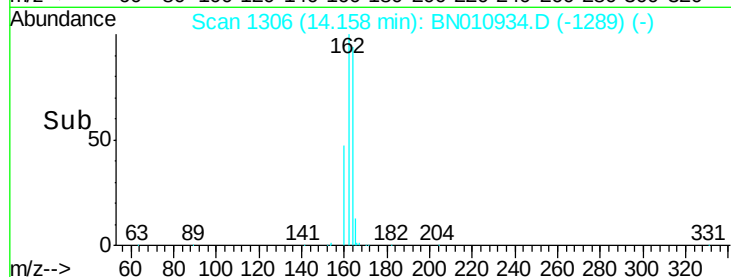
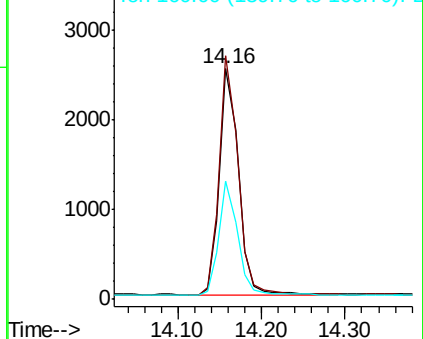
160 51.0 38.9 58.3



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: 0.358 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

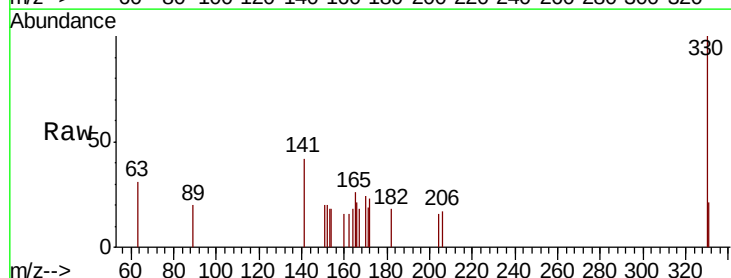
Tgt Ion:330 Resp: 513

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

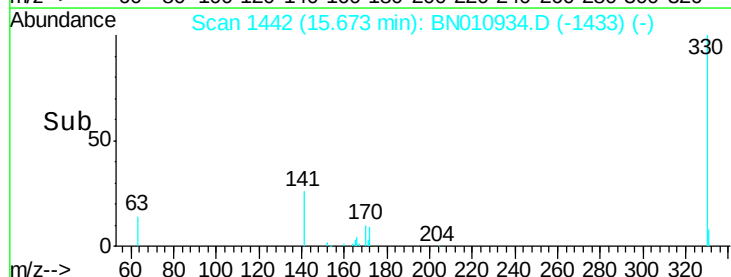
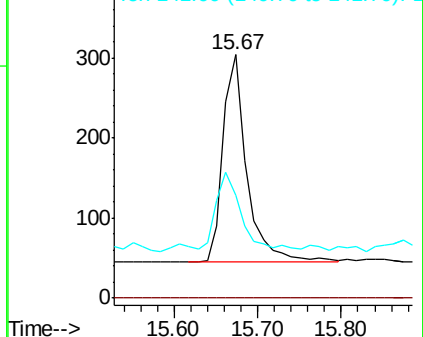
141 38.2 33.2 49.8

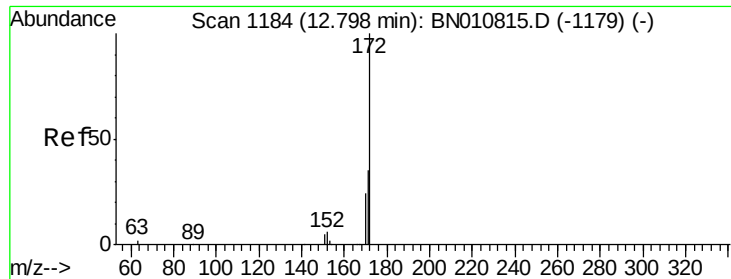


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

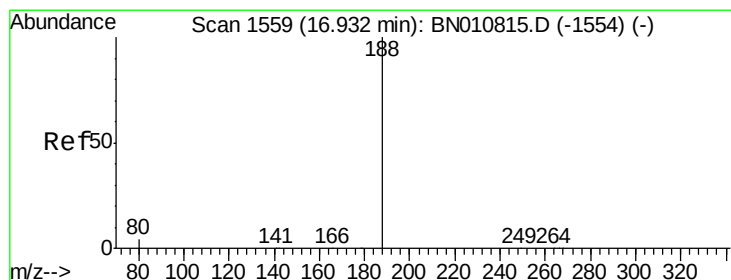
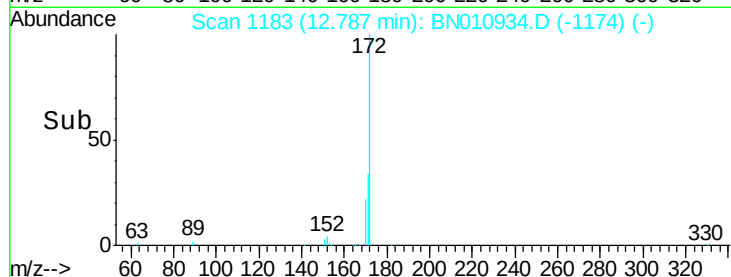
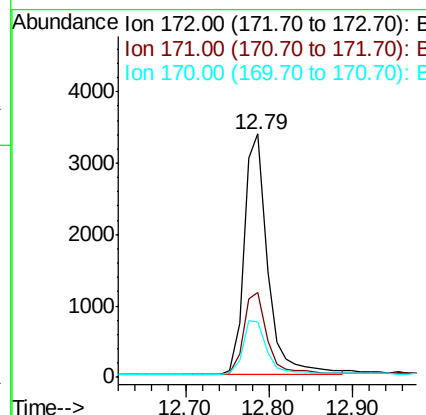
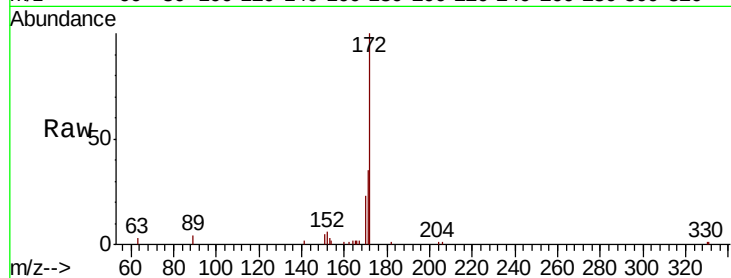




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010934.D
Acq: 17 Jun 2020 08:41

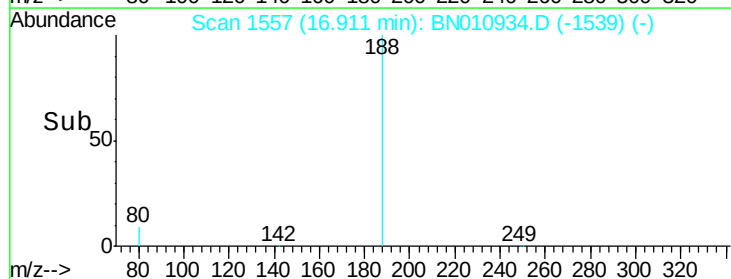
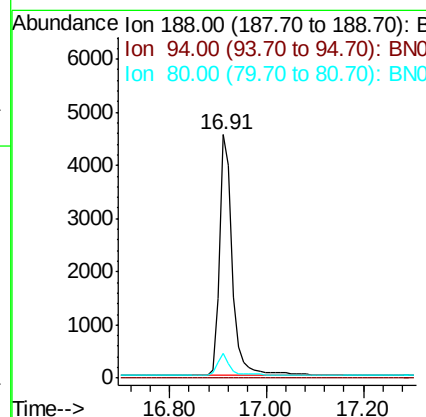
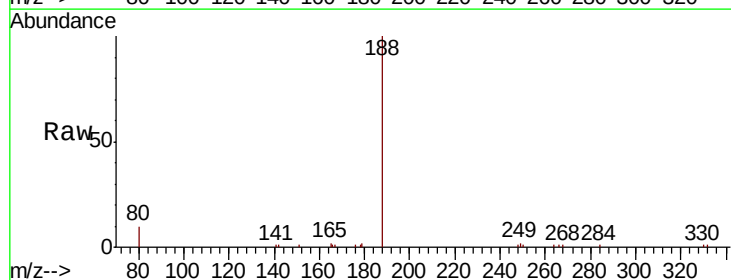
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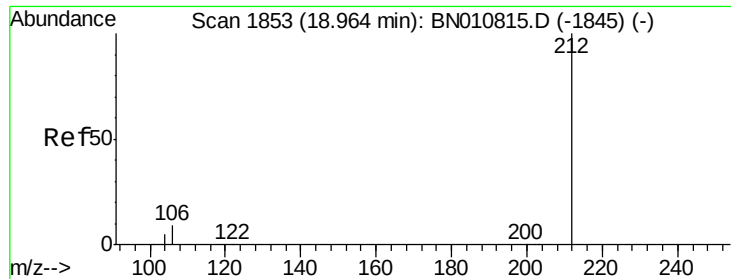
Tot Ion:172 Resp: 6537
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010934.D
Acq: 17 Jun 2020 08:41

Tgt Ion:188 Resp: 8401
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.589 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

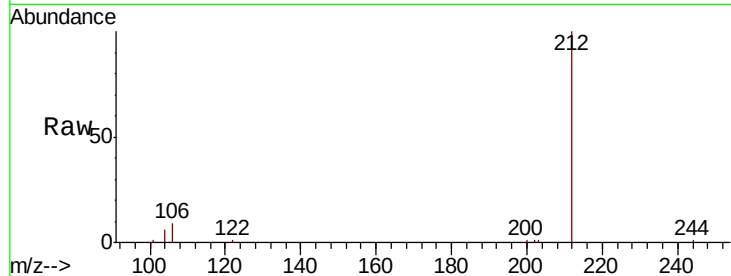
Tot Ion:212 Resp: 13651

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

104 5.3 4.0 6.0

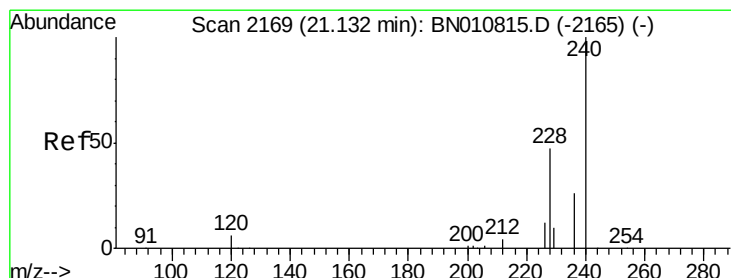
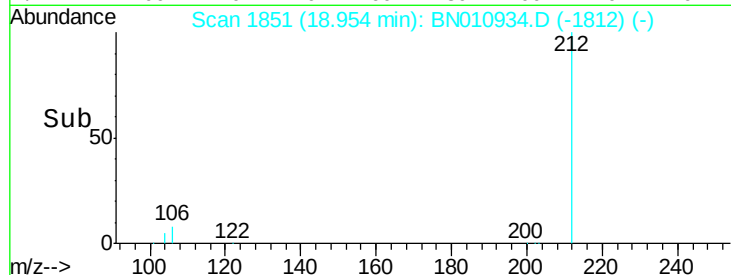
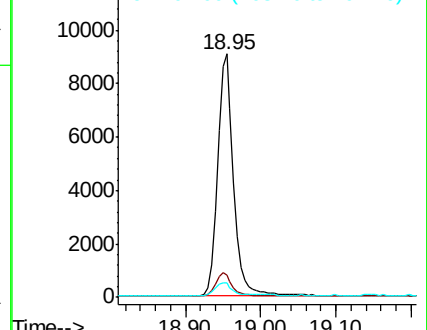


Abundance

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: BN010934.D

Acq: 17 Jun 2020 08:41

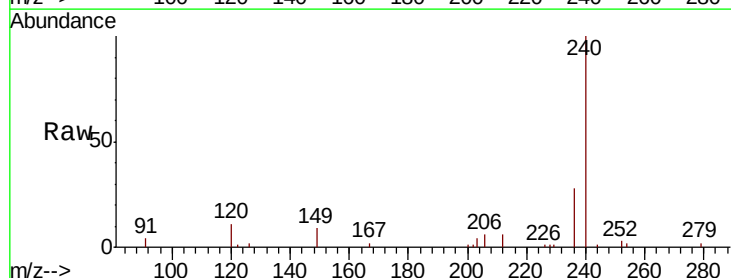
Tgt Ion:240 Resp: 8877

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

236 28.0 22.3 33.5

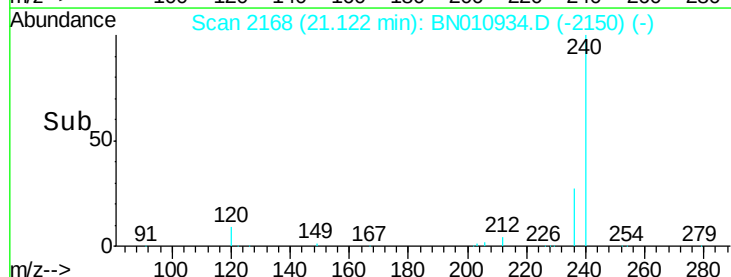
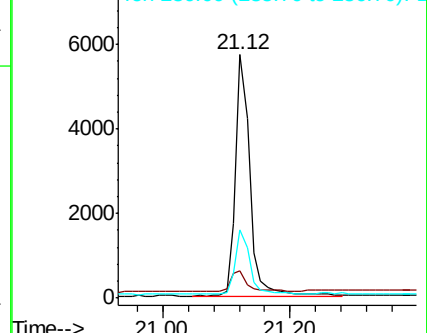


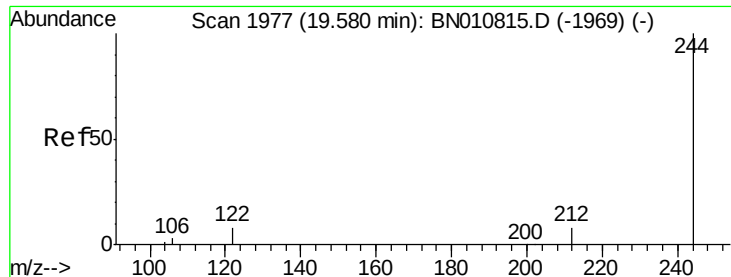
Abundance

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: 0.484 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

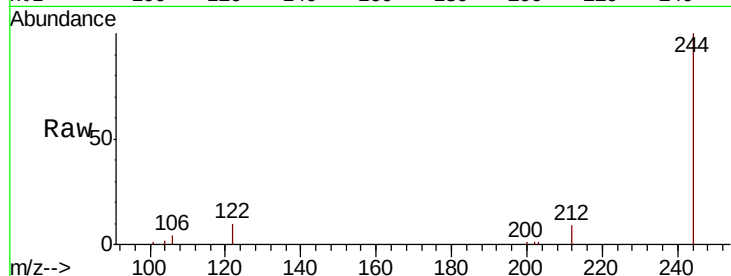
Tot Ion:244 Resp: 10059

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

122 9.8 7.5 11.3

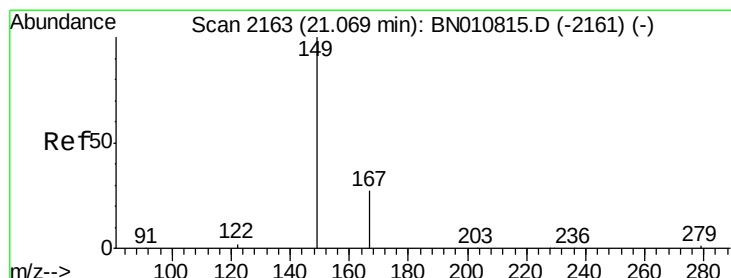
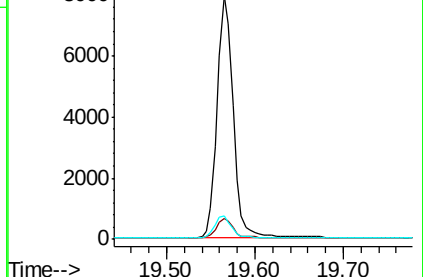
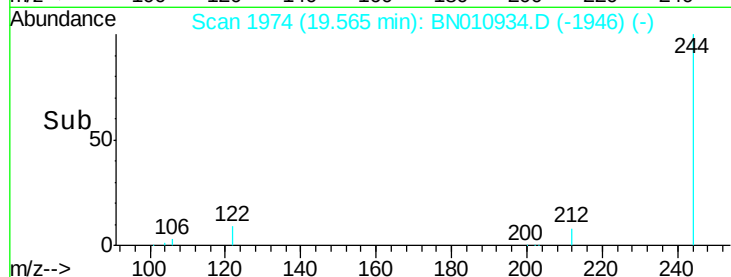


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

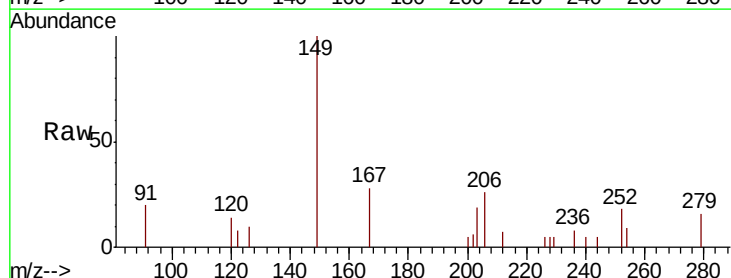
Tgt Ion:149 Resp: 977

Ion Ratio Lower Upper

149 100

167 26.5 24.1 36.1

279 6.2 4.6 7.0

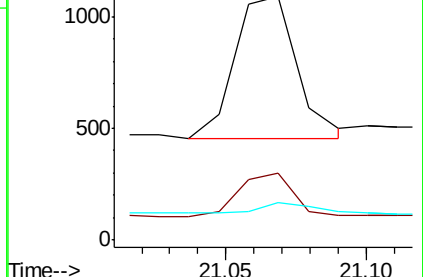
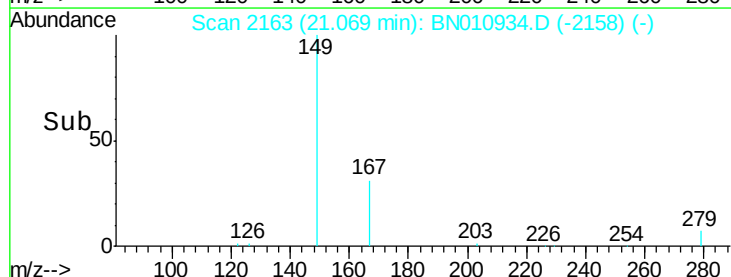


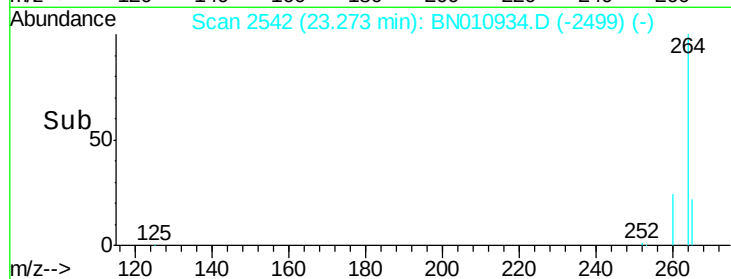
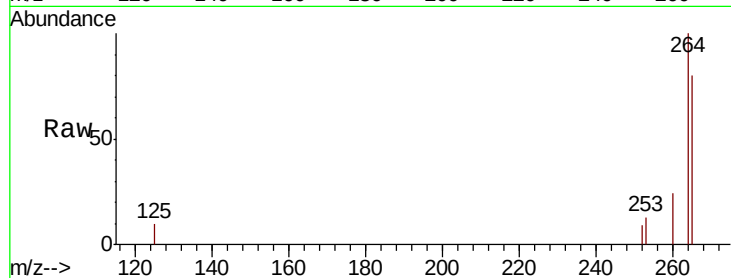
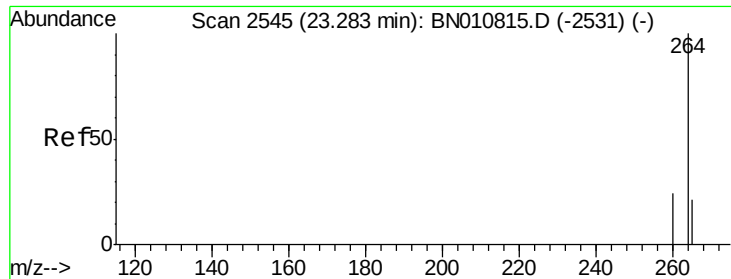
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010934.D

Acq: 17 Jun 2020 08:41

Instrument :

BNA_N

ClientSampleId :

RE-DUP03-20200611

Tot Ion: 264 Resp: 8558

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 80.4 75.0 112.4

