

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010923.D
 Acq On : 17 Jun 2020 02:07
 Operator : CG/JU
 Sample : L3011-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20200611

Quant Time: Jun 17 05:04:22 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

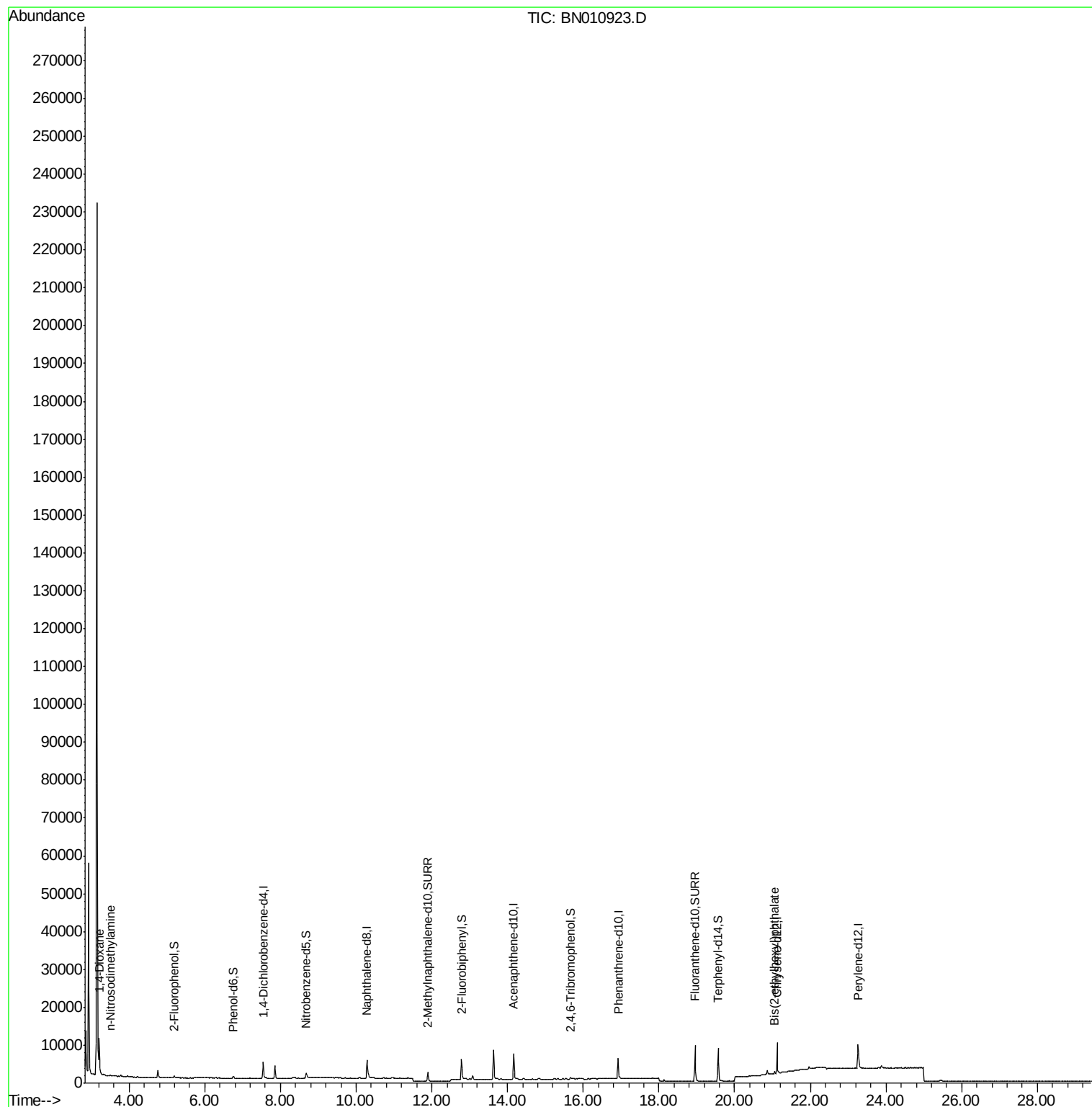
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2317	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7975	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4382	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	9543	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9002	0.40	ng	-0.01
34) Perylene-d12	23.26	264	9126	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	598	0.13	ng	0.00
5) Phenol-d6	6.74	99	420	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	1837	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4420	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	490	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	5818	0.34	ng	0.00
25) Fluoranthene-d10	18.95	212	12482	0.47	ng	0.00
29) Terphenyl-d14	19.56	244	9590	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	6821	3.005	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.50	42	67	0.051	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	635	0.072	ng	97

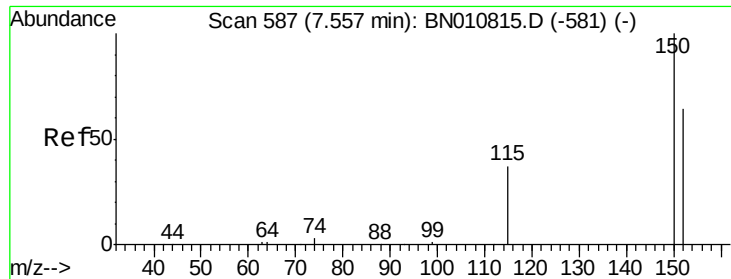
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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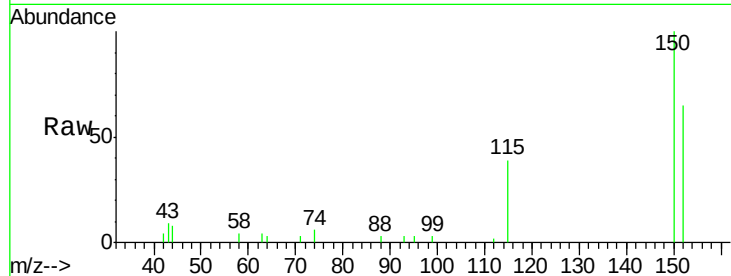


#1

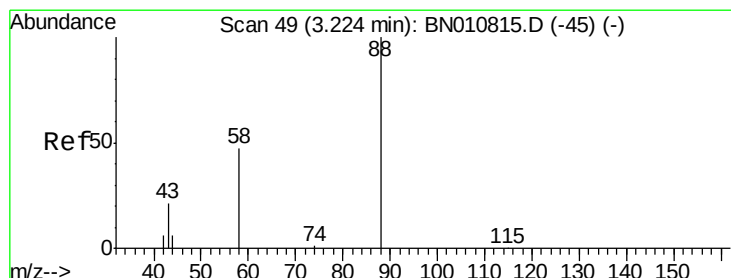
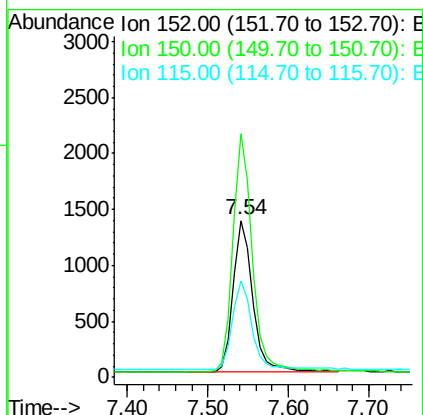
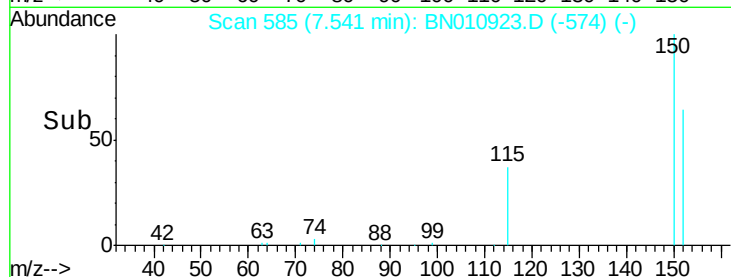
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010923.D
Acq: 17 Jun 2020 02:07

Instrument :
BNA_N
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RE126D2-20200611

Tot Ion:152 Resp: 2317
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 61.1 49.2 73.8



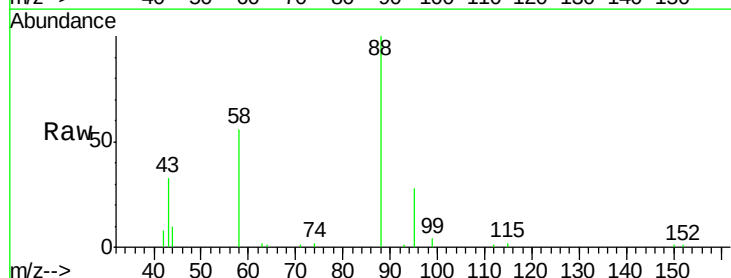
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



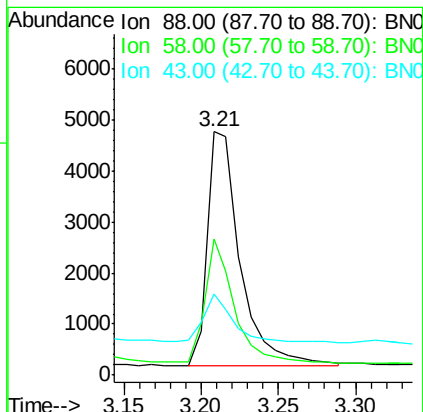
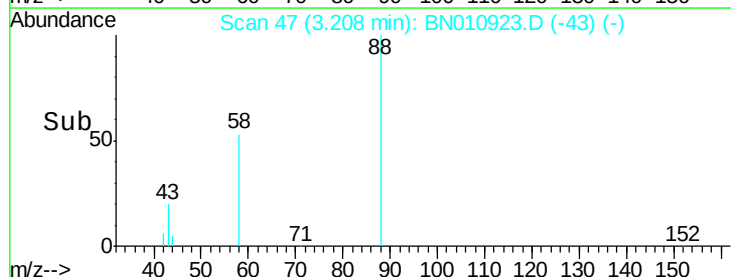
#2

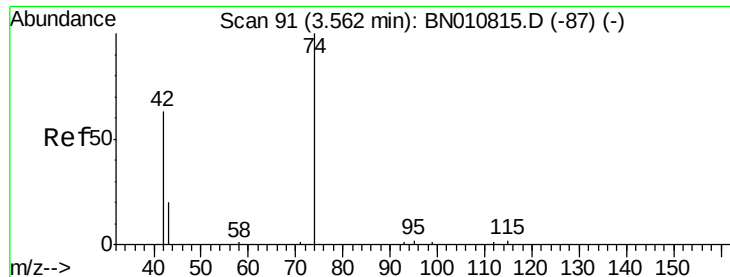
1,4-Dioxane
Concen: 3.005 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010923.D
Acq: 17 Jun 2020 02:07

Tgt Ion: 88 Resp: 6821
Ion Ratio Lower Upper
88 100
58 46.1 38.2 57.4
43 19.4 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNO
Ion 58.00 (57.70 to 58.70): BNO
Ion 43.00 (42.70 to 43.70): BNO





#3

n-Nitrosodimethylamine

Concen: 0.051 ng

RT: 3.50 min Scan# 83

Delta R.T. -0.05 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

Instrument :

BNA_N

ClientSampleId :

RE126D2-20200611

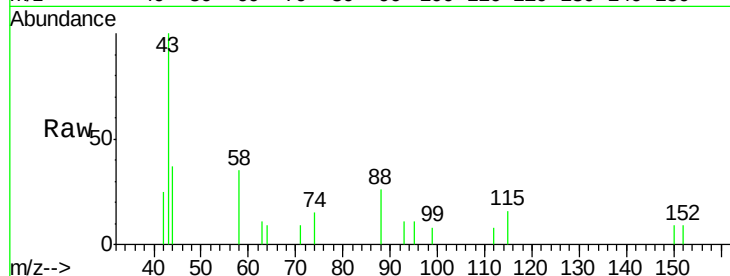
Tot Ion: 42 Resp: 67

Ion Ratio Lower Upper

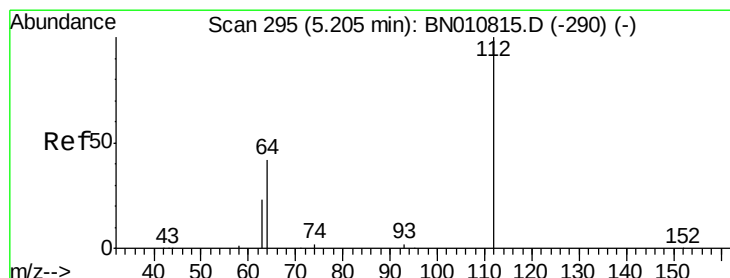
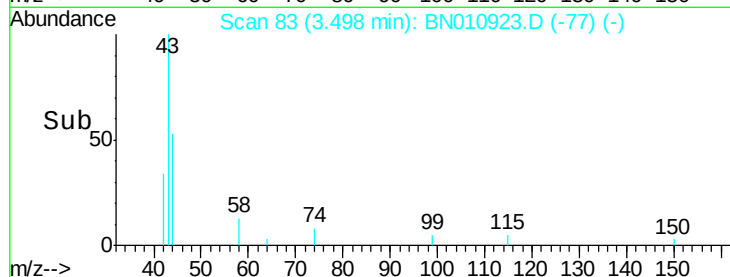
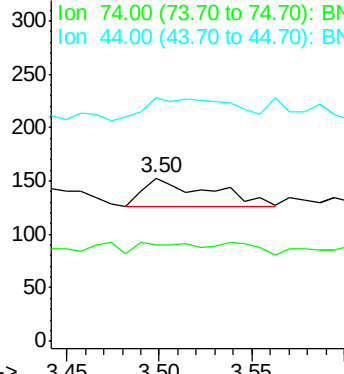
42 100

74 29.9 140.7 211.1#

44 104.5 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

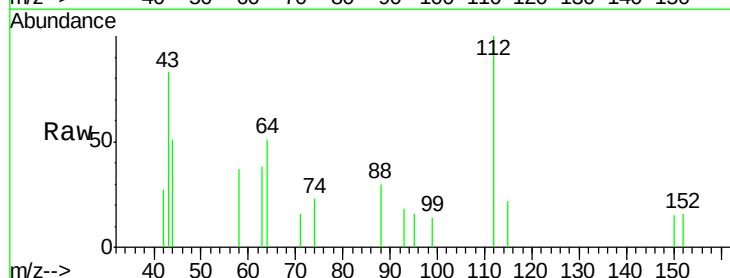
Tgt Ion: 112 Resp: 598

Ion Ratio Lower Upper

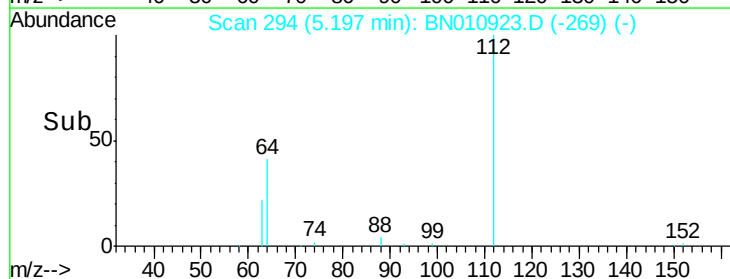
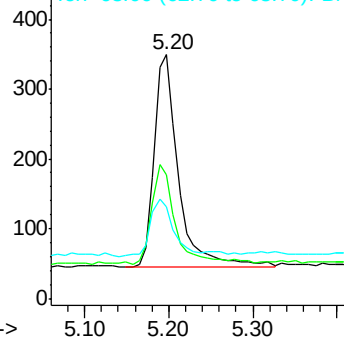
112 100

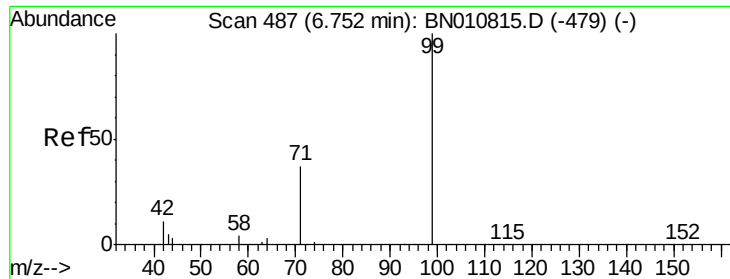
64 47.7 37.4 56.0

63 26.4 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

Phenol-d6

Concen: 0.080 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

Instrument :

BNA_N

ClientSampleId :

RE126D2-20200611

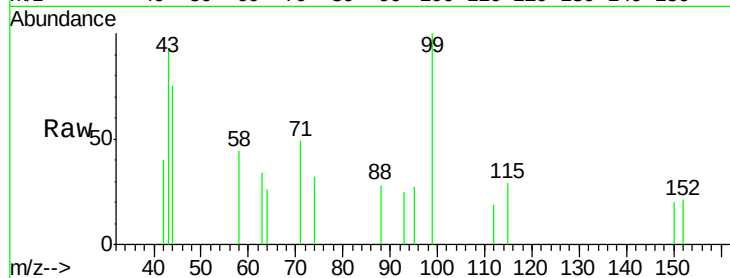
Tot Ion: 99 Resp: 420

Ion Ratio Lower Upper

99 100

42 23.6 11.1 16.7#

71 39.8 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

300

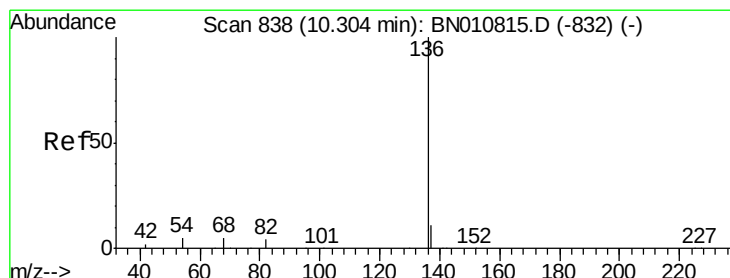
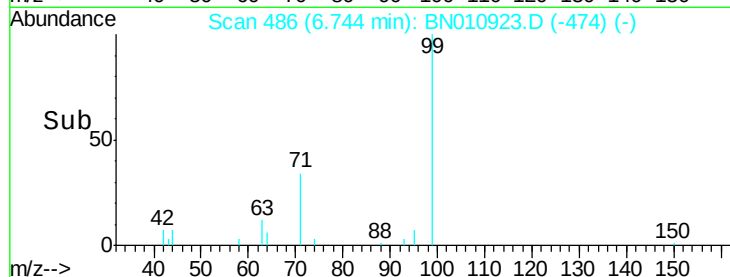
200

100

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

Tgt Ion: 136 Resp: 7975

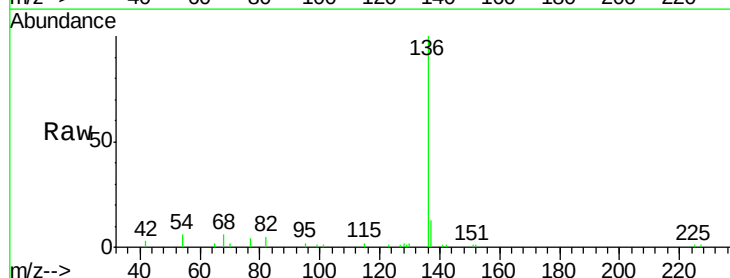
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 5.6 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

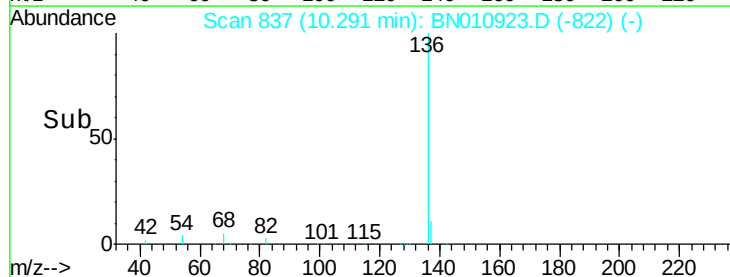
2000

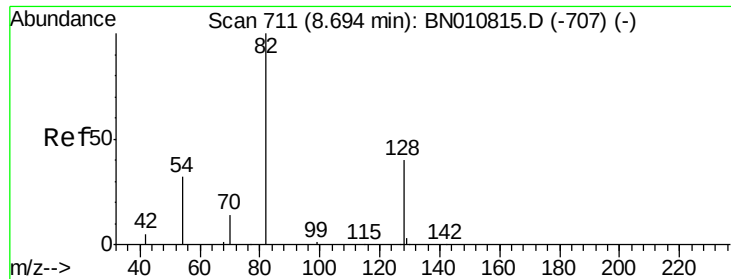
1000

0

10.20 10.30 10.40 10.50

Time-->

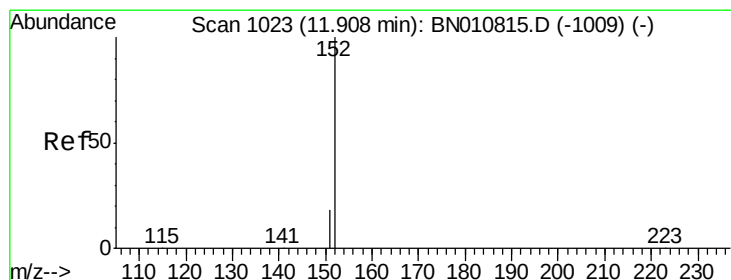
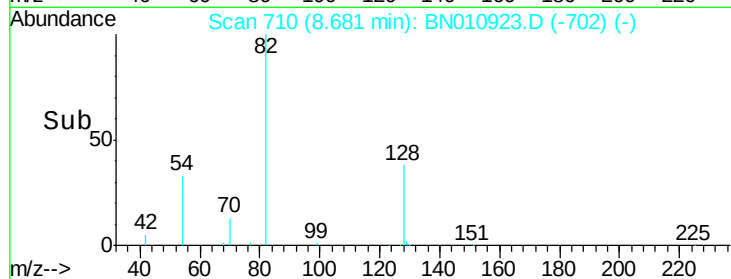
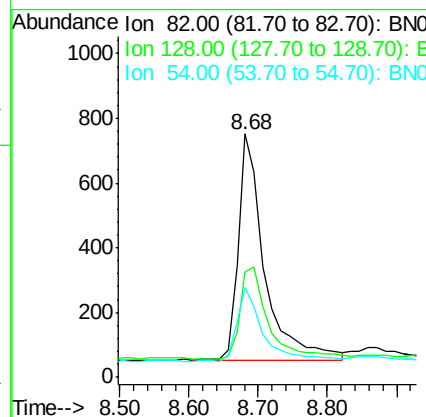
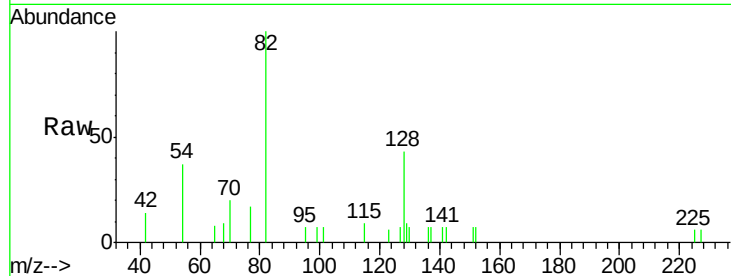




#8
 Nitrobenzene-d5
 Concen: 0.311 ng
 RT: 8.68 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BN010923.D
 Acq: 17 Jun 2020 02:07

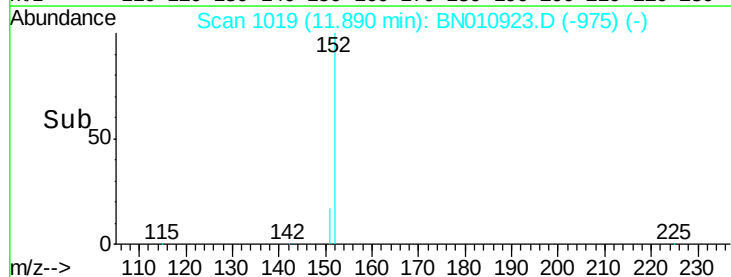
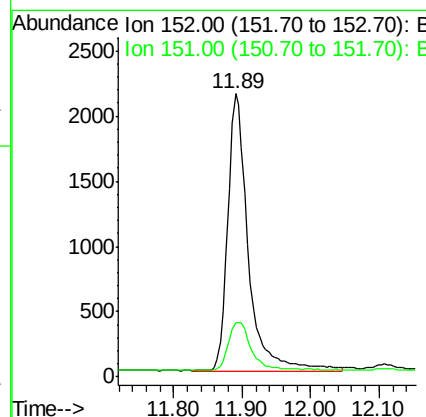
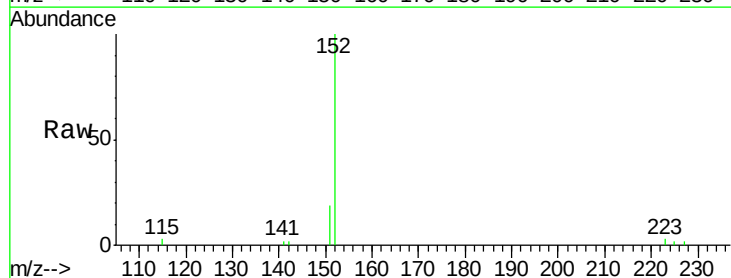
Instrument :
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 RE126D2-20200611

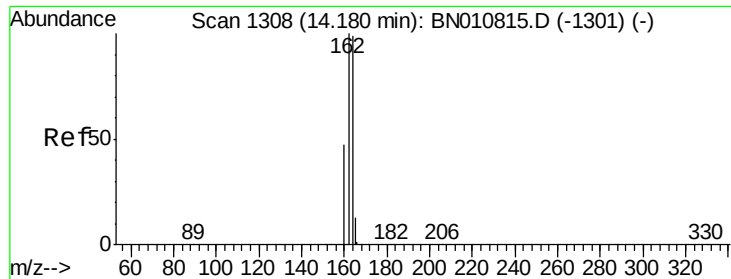
Tot Ion	82	Resp	1837
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.4	53.0
54	37.1	28.2	42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010923.D
 Acq: 17 Jun 2020 02:07

Tgt Ion	152	Resp	4420
Ion Ratio	Lower	Upper	
152	100		
151	19.5	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: BN010923.D

Acq: 17 Jun 2020 02:07

Instrument :

BNA_N

ClientSampleId :

RE126D2-20200611

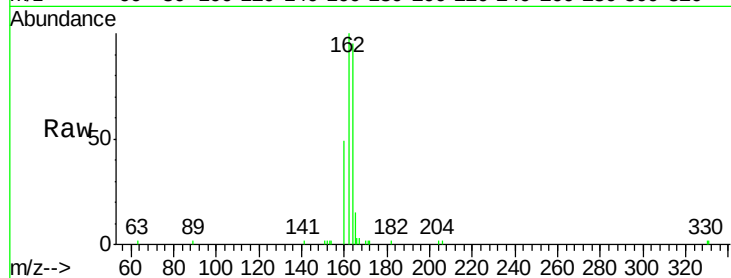
Tot Ion:164 Resp: 4382

Ion Ratio Lower Upper

164 100

162 105.0 81.0 121.6

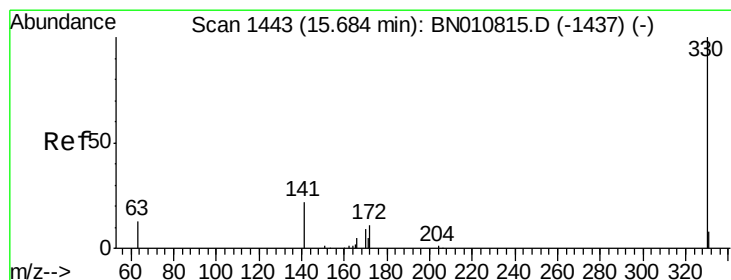
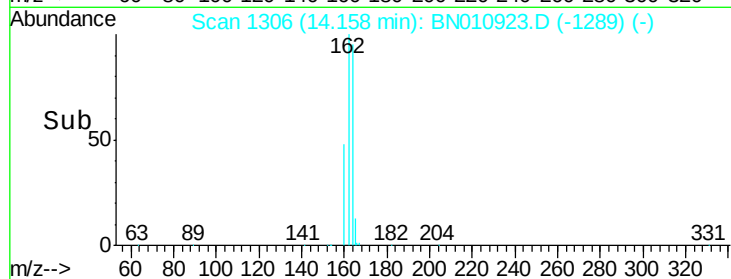
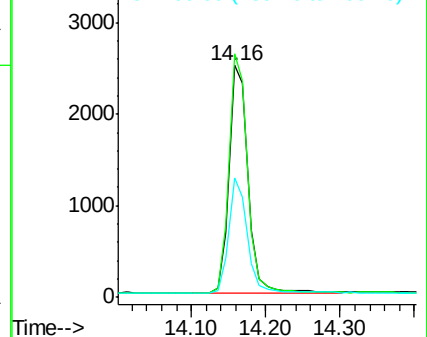
160 51.5 38.9 58.3



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: 0.313 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

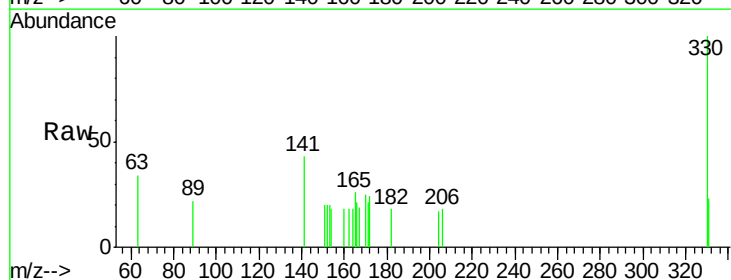
Tgt Ion:330 Resp: 490

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

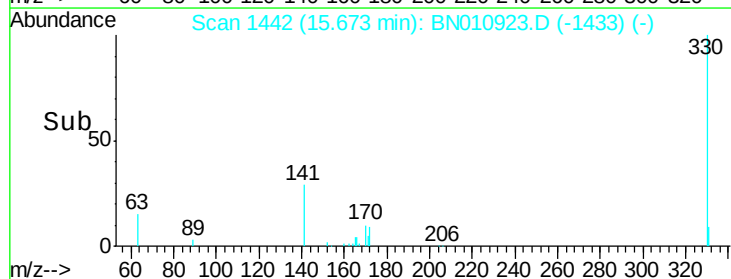
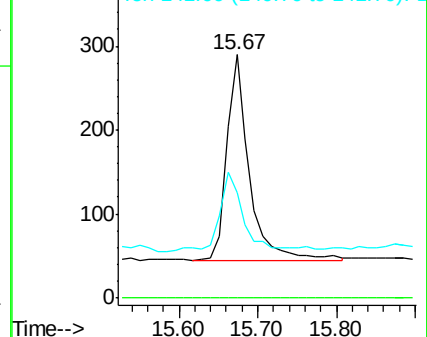
141 41.0 33.2 49.8

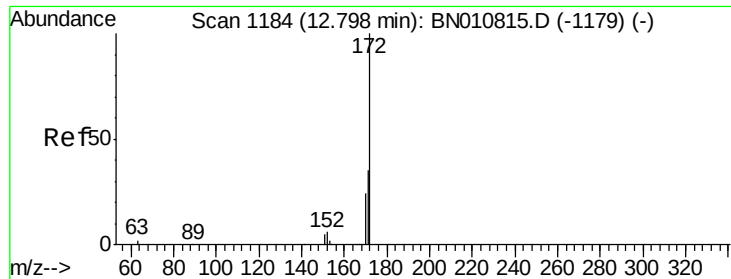


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

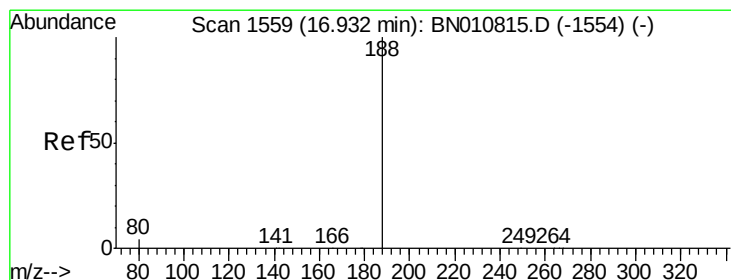
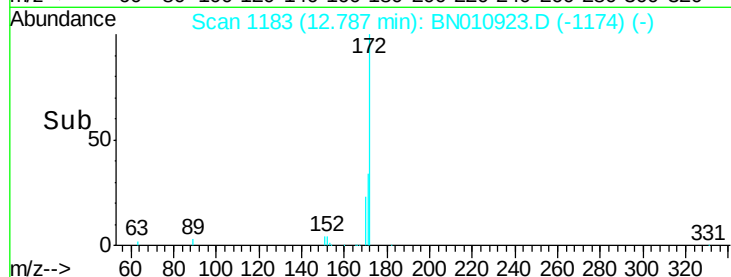
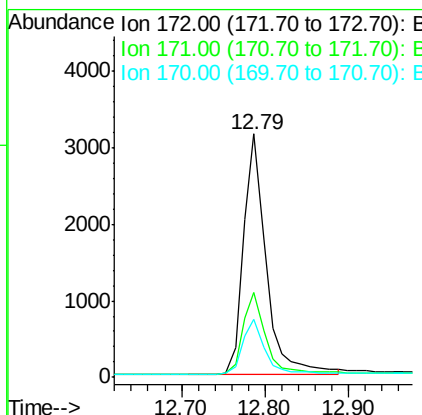
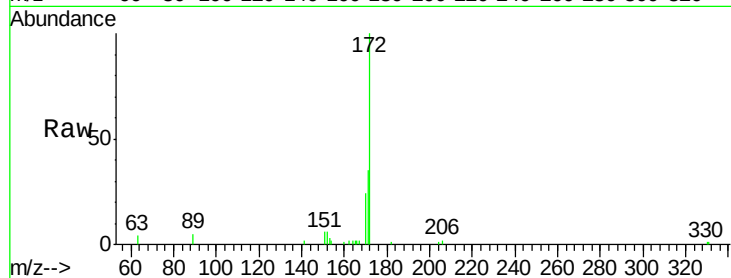




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010923.D
Acq: 17 Jun 2020 02:07

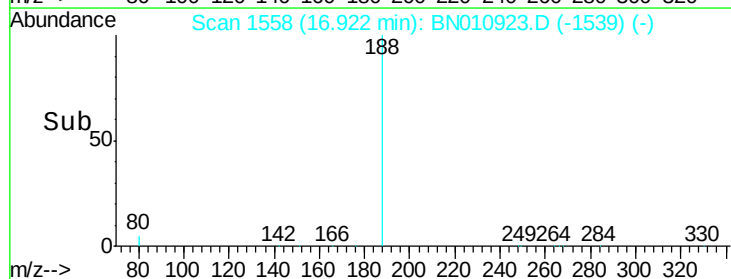
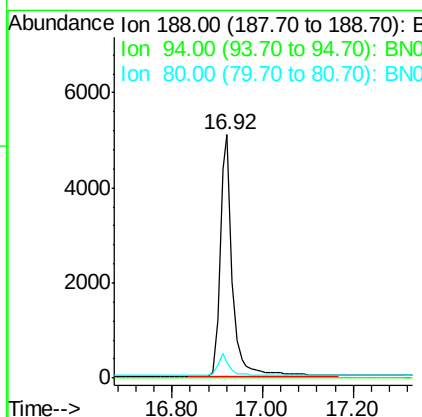
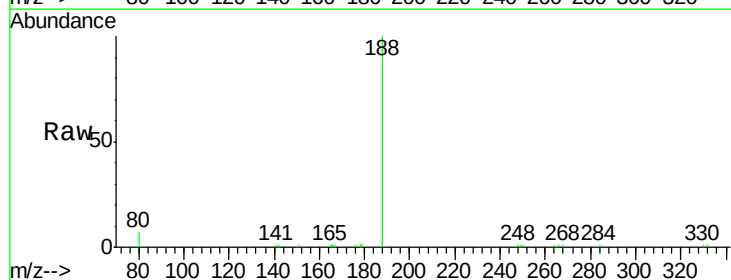
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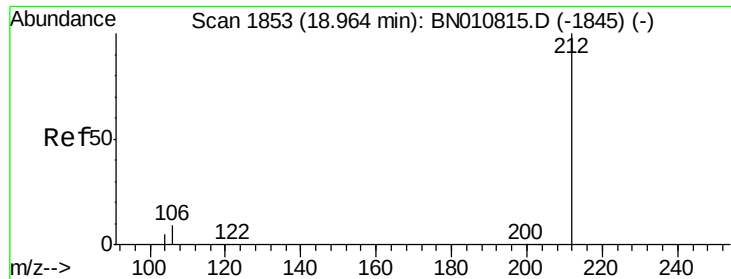
Tot Ion:172 Resp: 5818
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010923.D
Acq: 17 Jun 2020 02:07

Tgt Ion:188 Resp: 9543
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 4.5 6.7

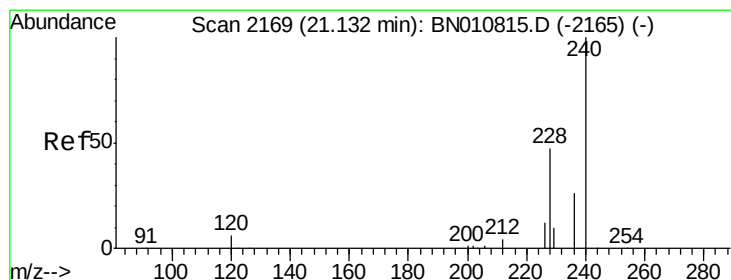
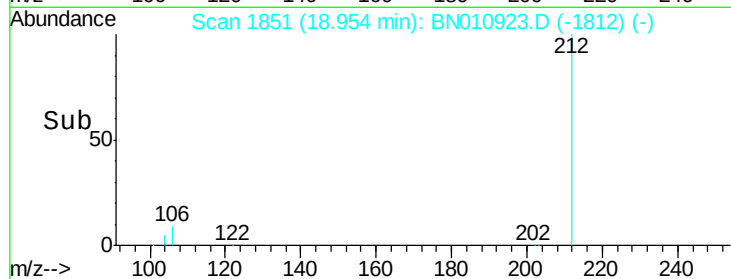
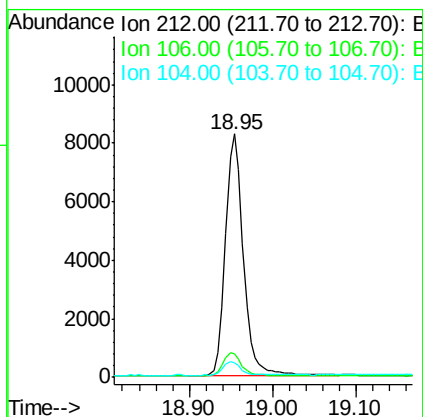
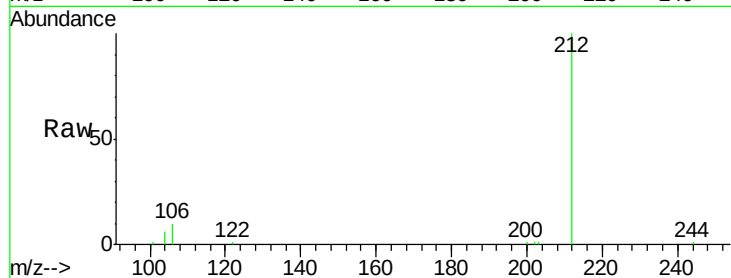




#25
 Fluoranthene-d10
 Concen: 0.474 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BN010923.D
 Acq: 17 Jun 2020 02:07

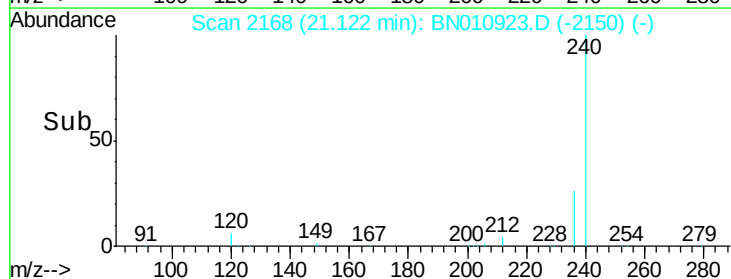
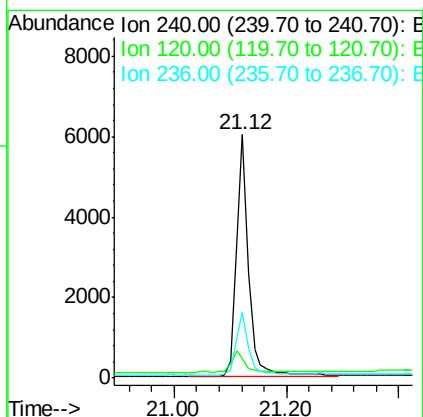
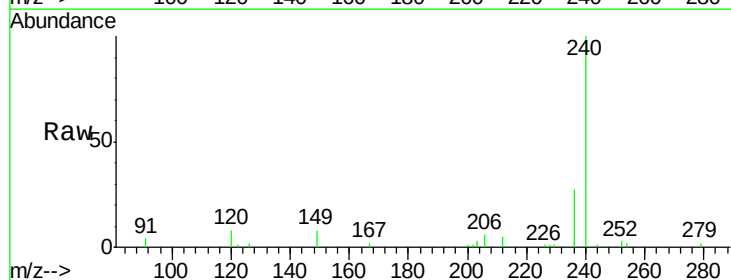
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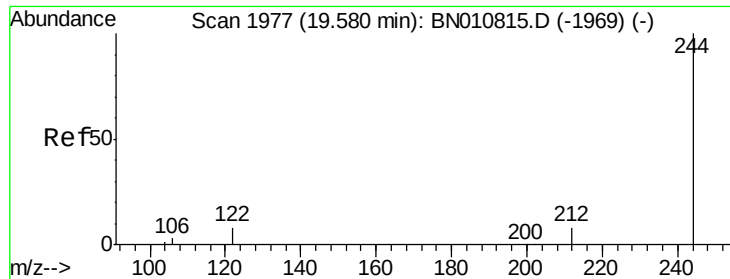
Tot Ion:212 Resp: 12482
 Ion Ratio Lower Upper
 212 100
 106 9.4 6.6 10.0
 104 5.5 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010923.D
 Acq: 17 Jun 2020 02:07

Tgt Ion:240 Resp: 9002
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.5 11.3
 236 27.2 22.3 33.5





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

Instrument :

BNA_N

ClientSampleId :

RE126D2-20200611

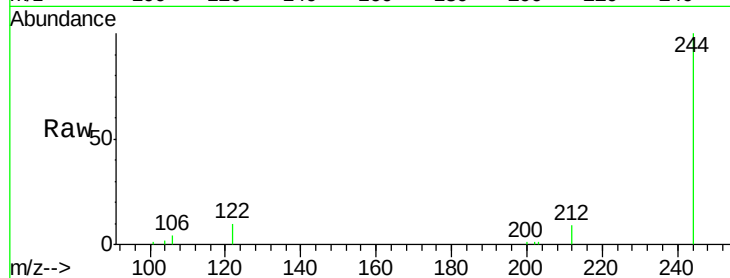
Tot Ion:244 Resp: 9590

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

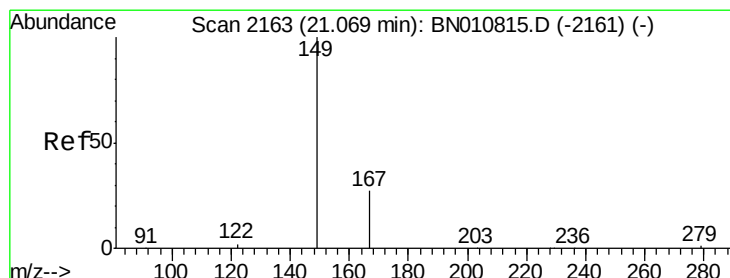
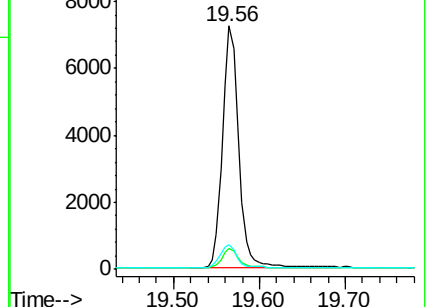
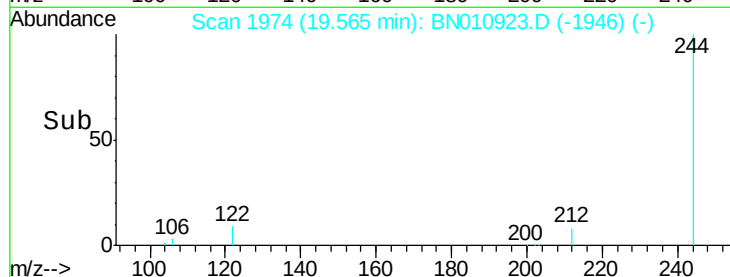
122 9.9 7.5 11.3



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: 0.072 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

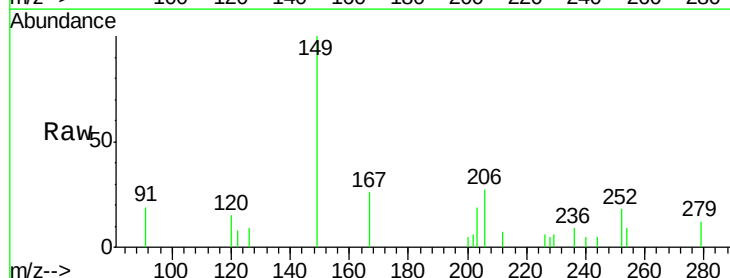
Tgt Ion:149 Resp: 635

Ion Ratio Lower Upper

149 100

167 28.5 24.1 36.1

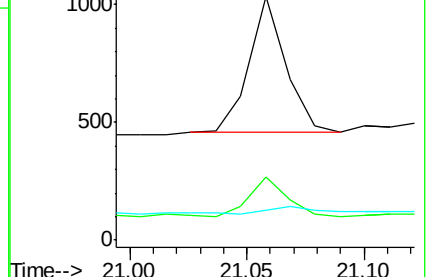
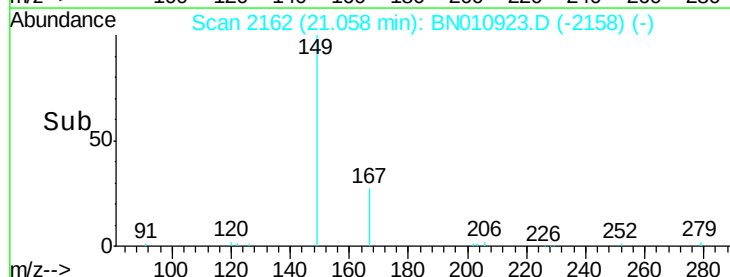
279 6.5 4.6 7.0

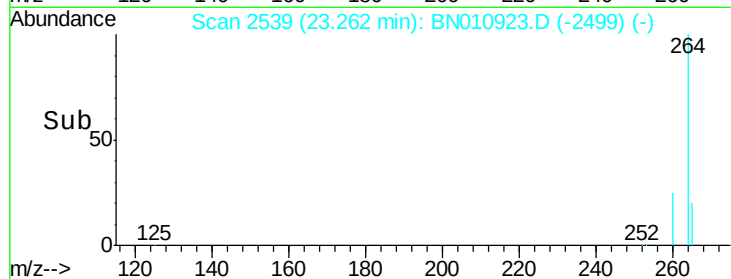
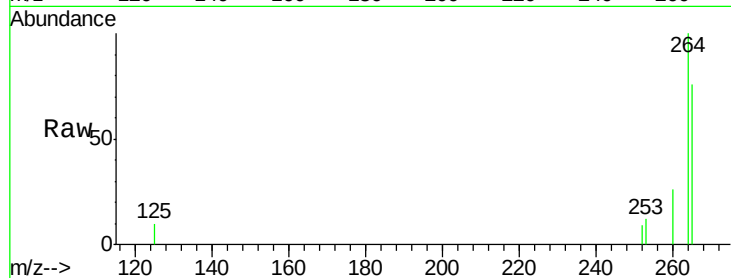
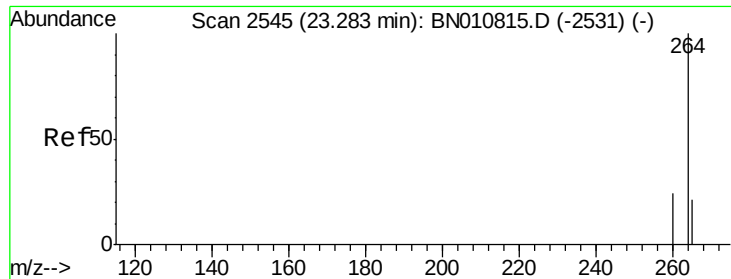


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2539

Delta R.T. -0.01 min

Lab File: BN010923.D

Acq: 17 Jun 2020 02:07

Instrument :

BNA_N

ClientSampleId :

RE126D2-20200611

Tot Ion: 264 Resp: 9126

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 76.2 75.0 112.4

