

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010935.D
 Acq On : 17 Jun 2020 09:17
 Operator : CG/JU
 Sample : L2989-04 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609DL

Quant Time: Jun 17 10:20:42 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

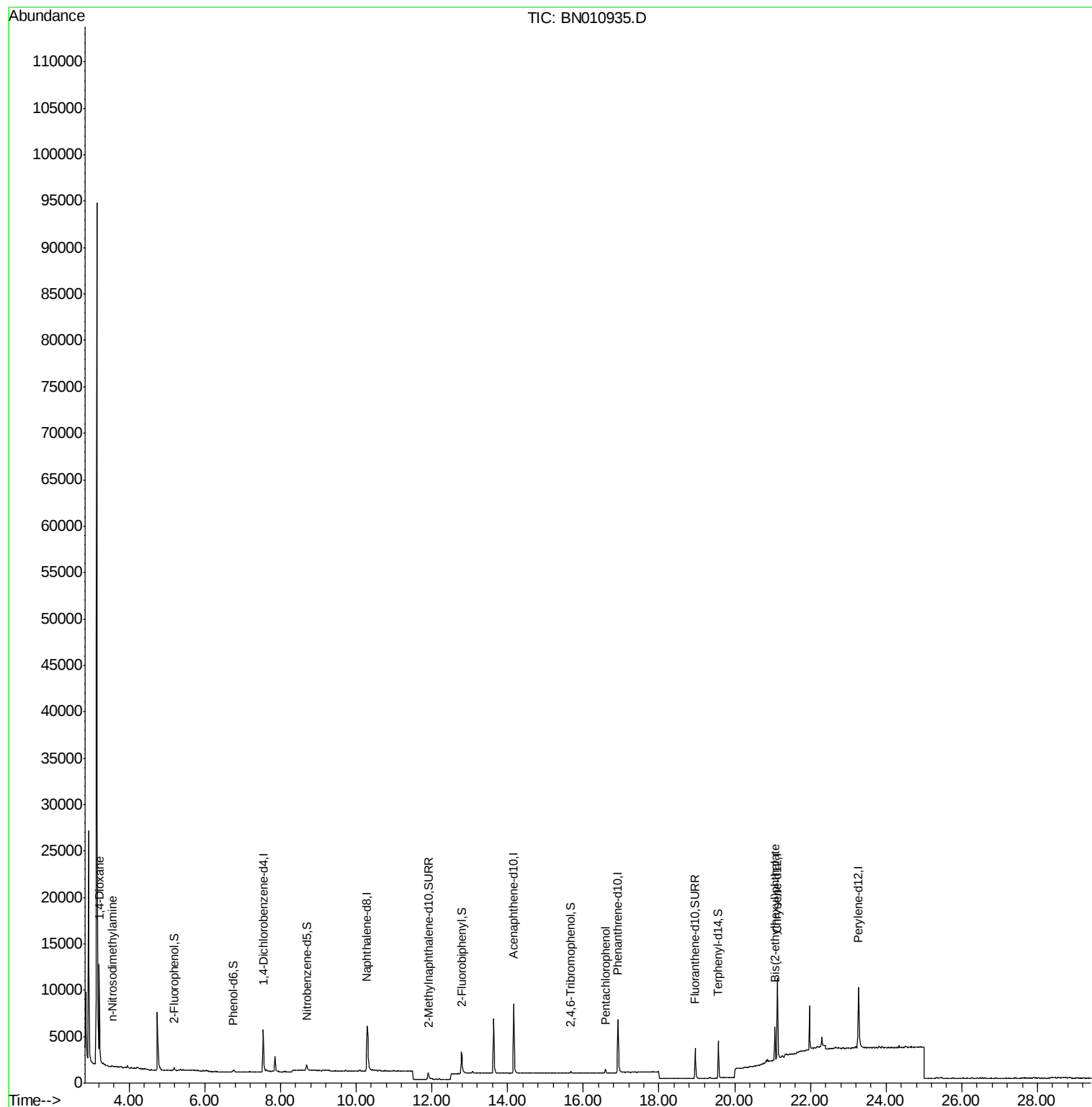
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2537	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8516	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4765	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	10127	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	10138	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9501	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	285	0.06	ng	0.00
5) Phenol-d6	6.74	99	196	0.03	ng	0.00
8) Nitrobenzene-d5	8.69	82	854	0.14	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	1520	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	229	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	2931	0.16	ng	0.00
25) Fluoranthene-d10	18.95	212	4408	0.16	ng	0.00
29) Terphenyl-d14	19.57	244	4531	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	8040	3.235	ng	97
3) n-Nitrosodimethylamine	3.55	42	40	0.028	ng	# 1
22) Pentachlorophenol	16.58	266	260	0.122	ng	94
32) Bis(2-ethylhexyl)phthalate	21.07	149	3272	0.329	ng	# 96

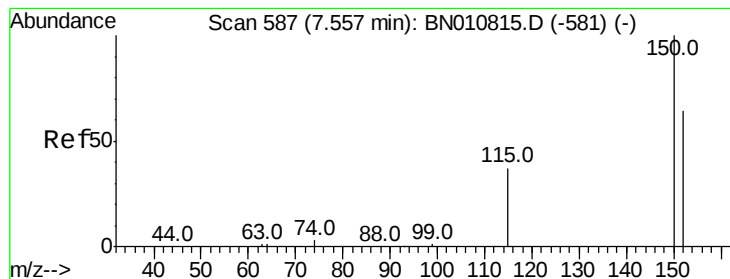
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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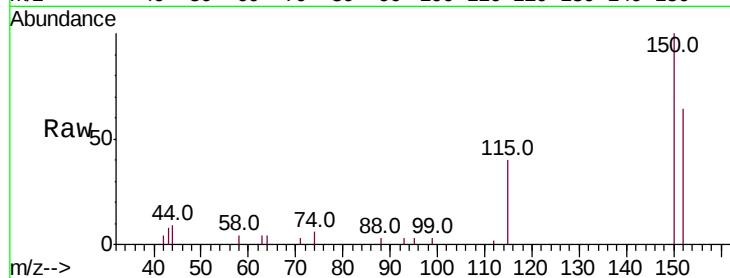


#1

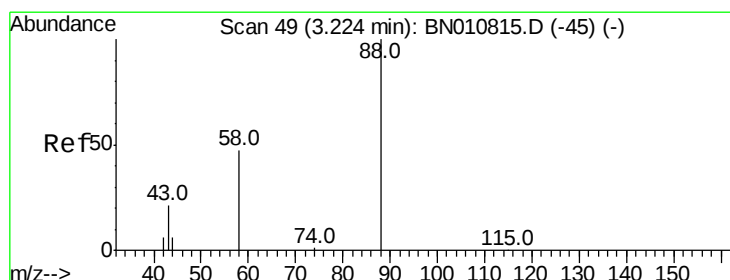
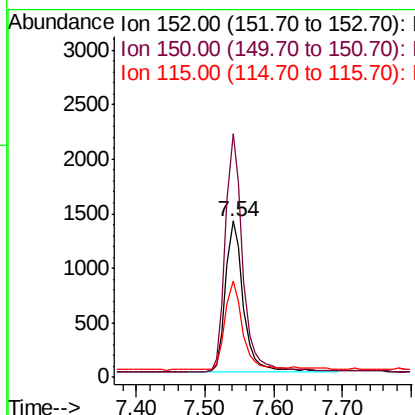
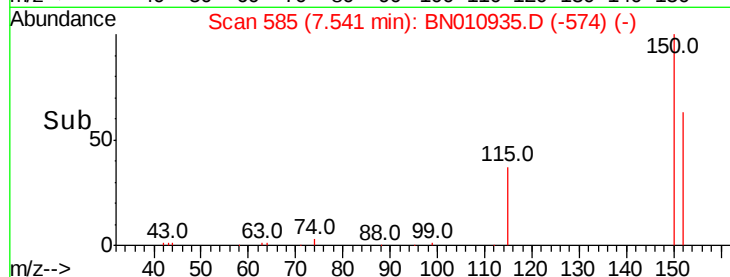
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.54 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609DL

Tot Ion:152 Resp: 2537
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.8 185.6
 115 61.9 49.2 73.8



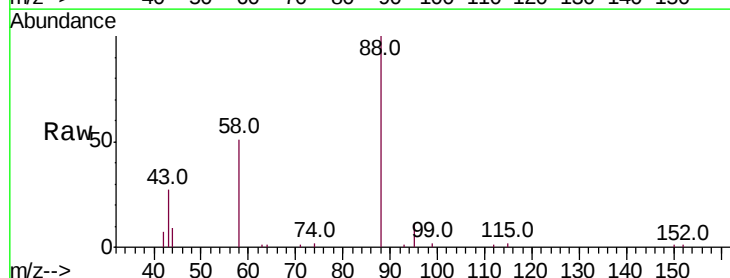
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



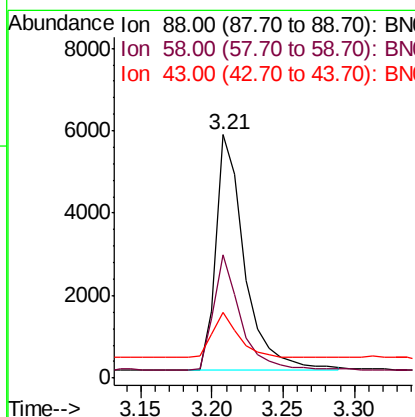
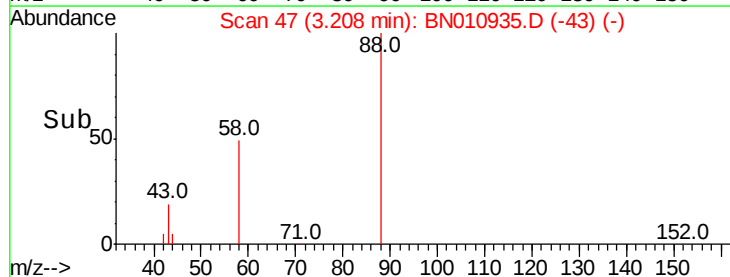
#2

1,4-Dioxane
 Concen: 3.235 ng
 RT: 3.21 min Scan# 47
 Delta R.T. -0.02 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

Tgt Ion: 88 Resp: 8040
 Ion Ratio Lower Upper
 88 100
 58 46.5 38.2 57.4
 43 16.8 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

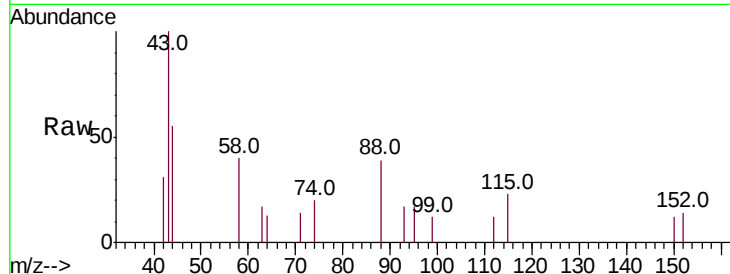




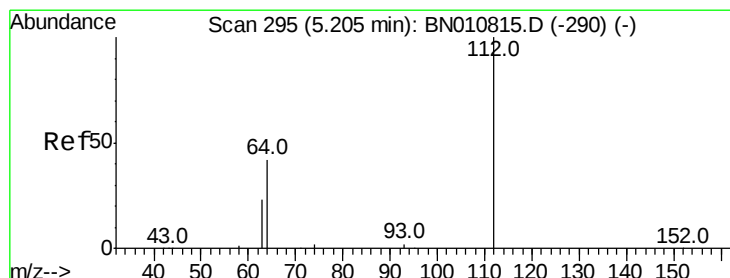
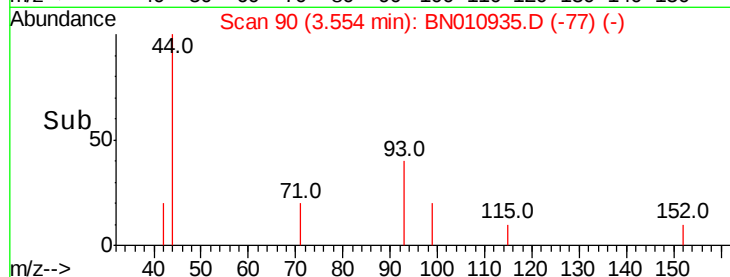
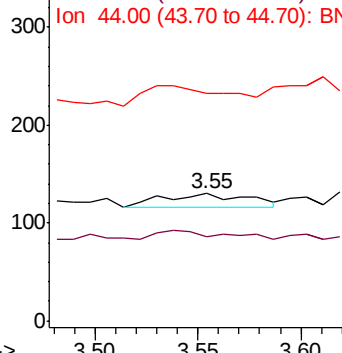
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.01 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609DL

Tot Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 0.0 140.7 211.1#
44 0.0 1.4 2.2#

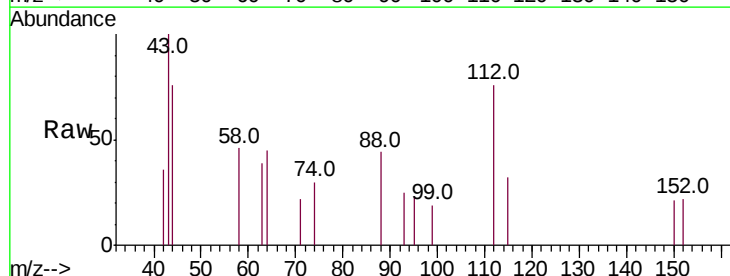


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

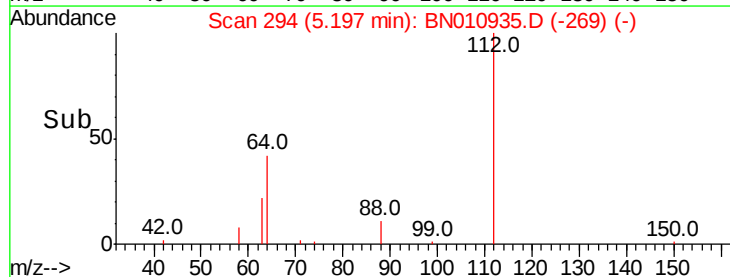
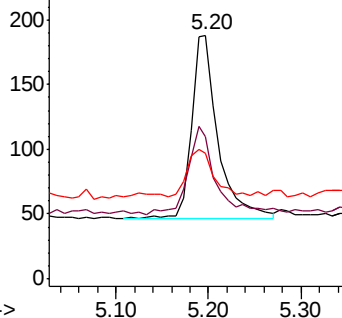


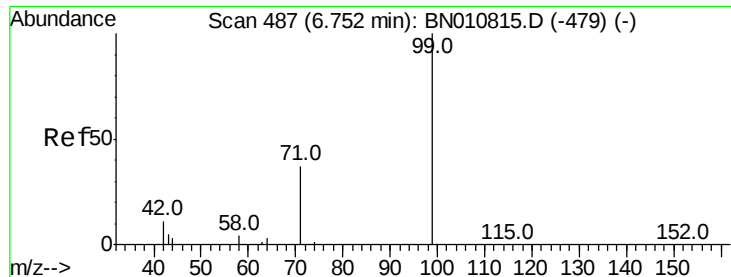
#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

Tgt Ion: 112 Resp: 285
Ion Ratio Lower Upper
112 100
64 51.9 37.4 56.0
63 26.0 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: 0.034 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

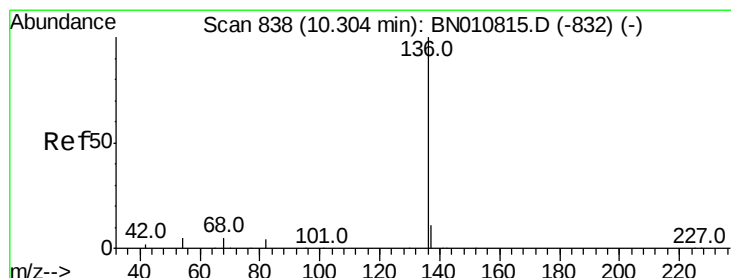
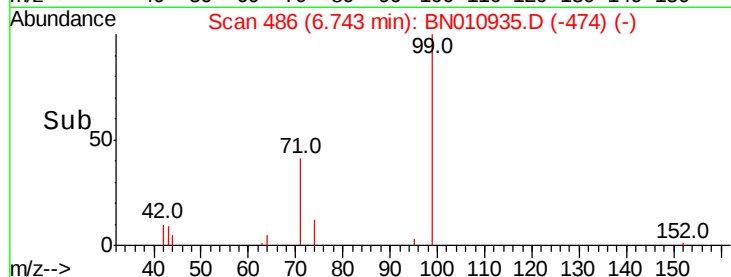
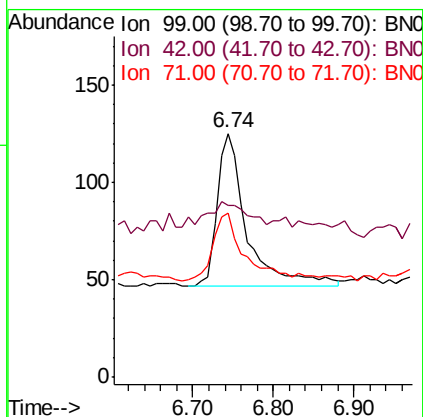
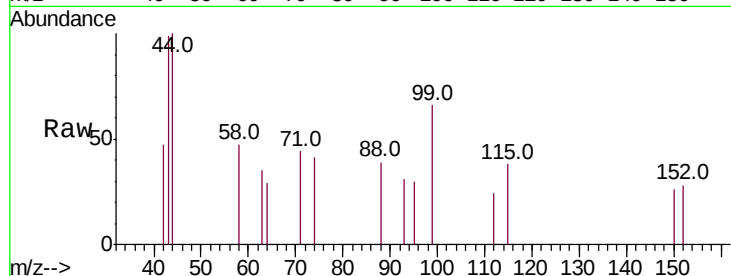
Tot Ion: 99 Resp: 196

Ion Ratio Lower Upper

99 100

42 23.0 11.1 16.7#

71 48.5 31.4 47.2#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Tgt Ion: 136 Resp: 8516

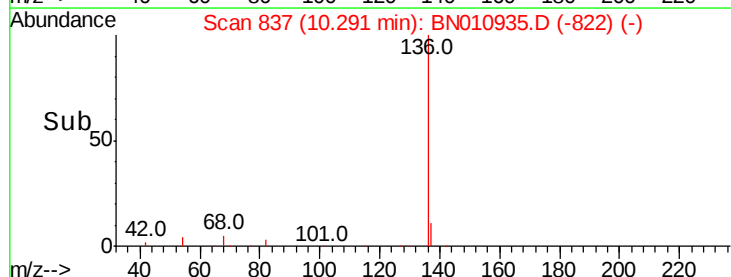
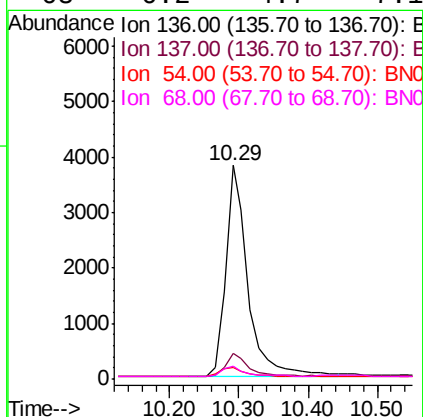
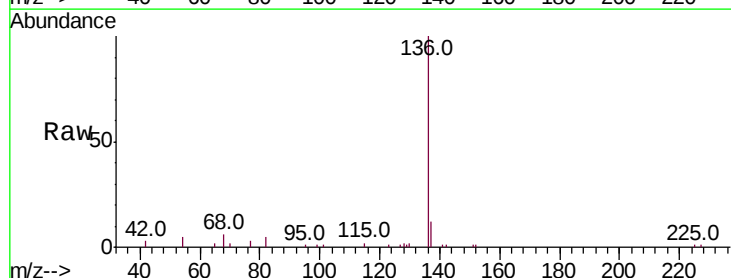
Ion Ratio Lower Upper

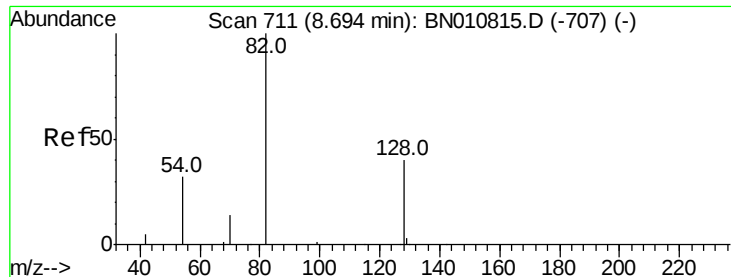
136 100

137 12.2 9.7 14.5

54 5.4 4.9 7.3

68 6.2 4.7 7.1





#8

Nitrobenzene-d5

Concen: 0.136 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

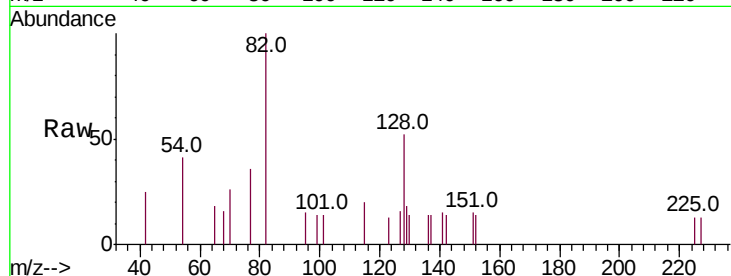
Tot Ion: 82 Resp: 854

Ion Ratio Lower Upper

82 100

128 52.0 35.4 53.0

54 40.6 28.2 42.4



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

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)

8.69

400

300

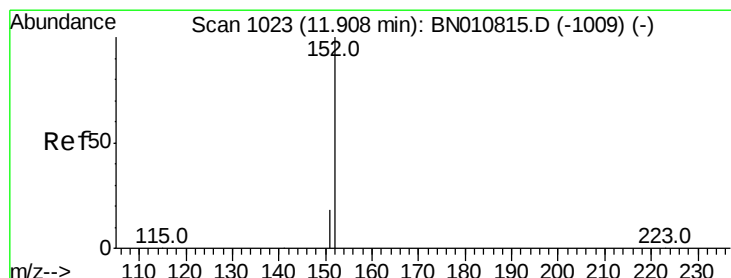
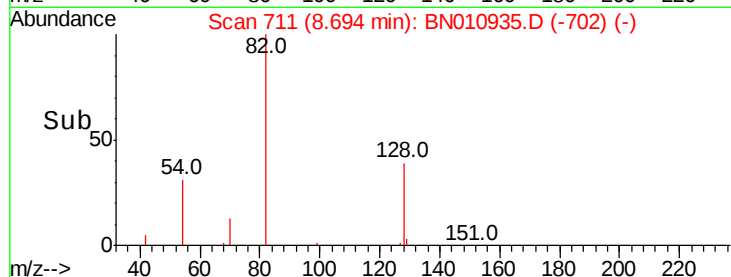
200

100

0

8.60 8.70 8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.115 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BN010935.D

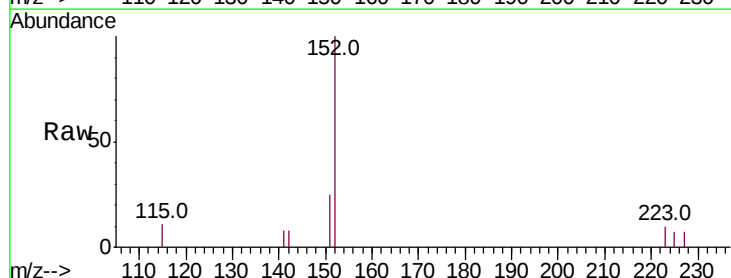
Acq: 17 Jun 2020 09:17

Tgt Ion: 152 Resp: 1520

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



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

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)

11.90

600

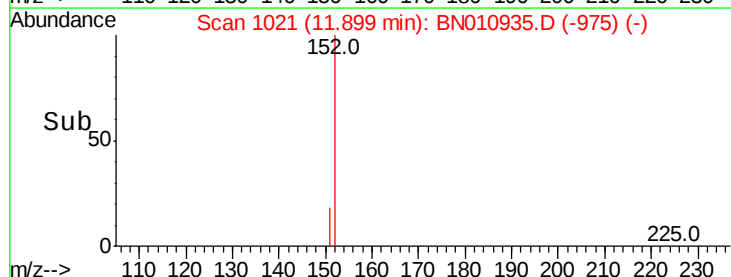
400

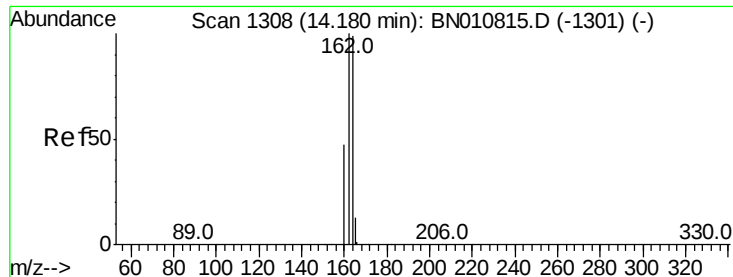
200

0

11.80 11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

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ClientSampleId :

RE125D2-20200609DL

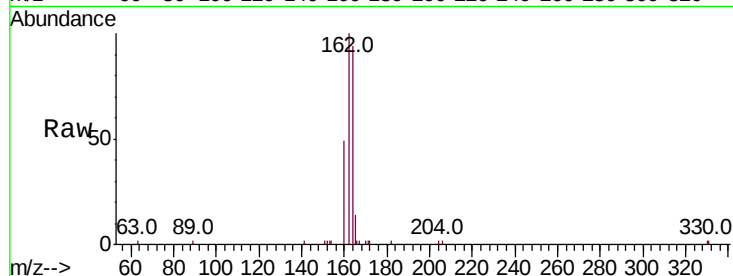
Tot Ion:164 Resp: 4765

Ion Ratio Lower Upper

164 100

162 106.8 81.0 121.6

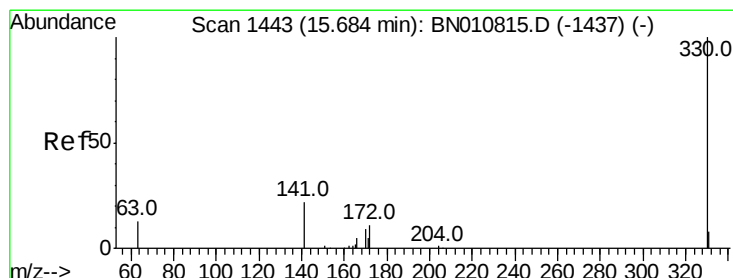
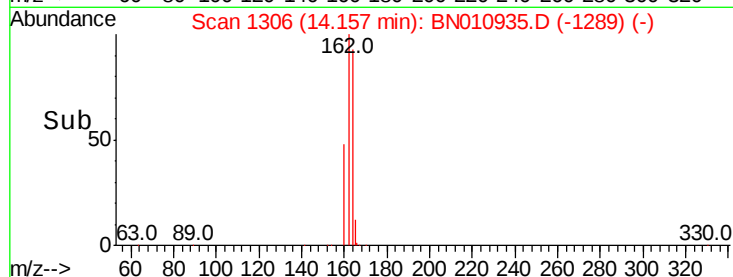
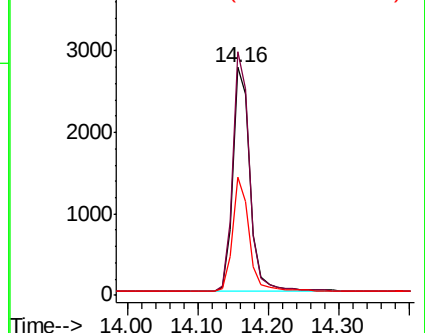
160 52.0 38.9 58.3



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: 0.134 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

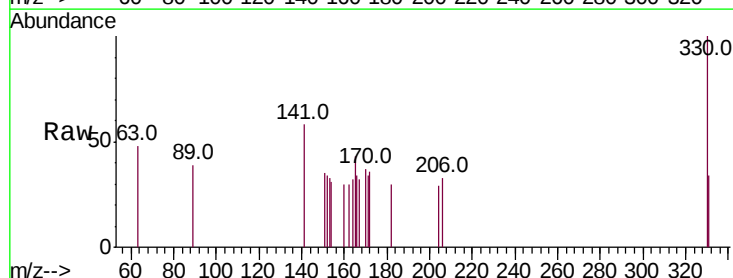
Tgt Ion:330 Resp: 229

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

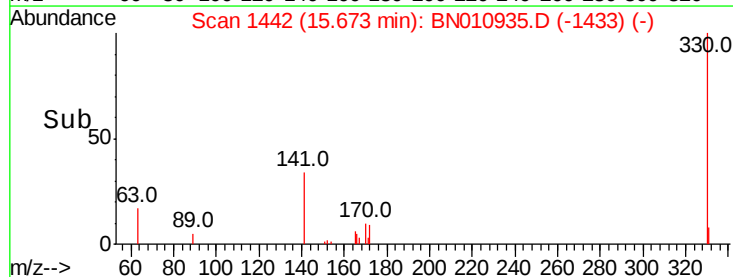
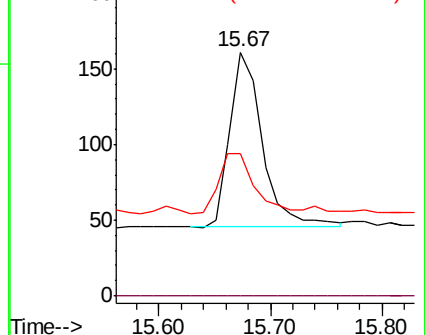
141 40.2 33.2 49.8

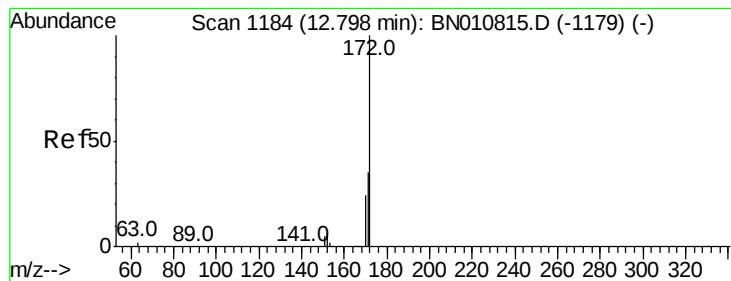


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.156 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010935.D

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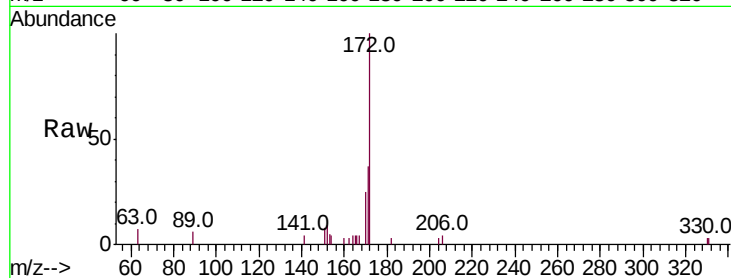
Tot Ion:172 Resp: 2931

Ion Ratio Lower Upper

172 100

171 37.0 28.5 42.7

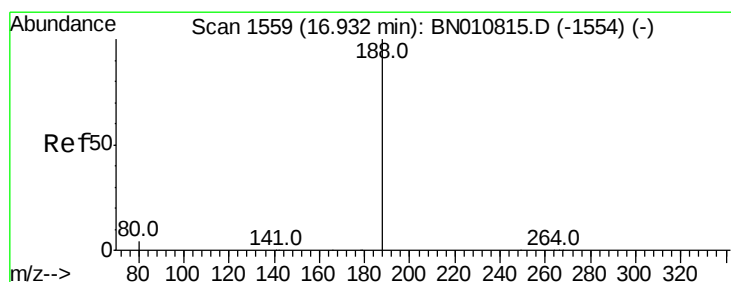
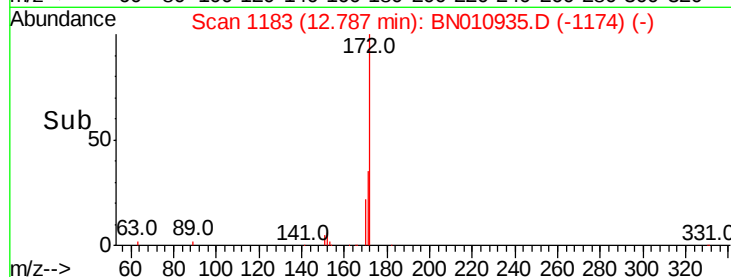
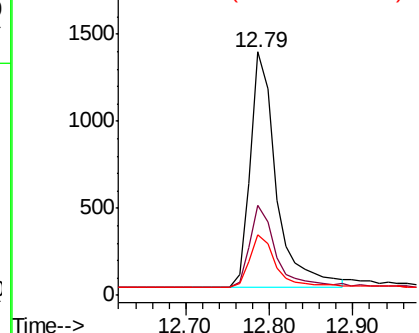
170 25.0 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

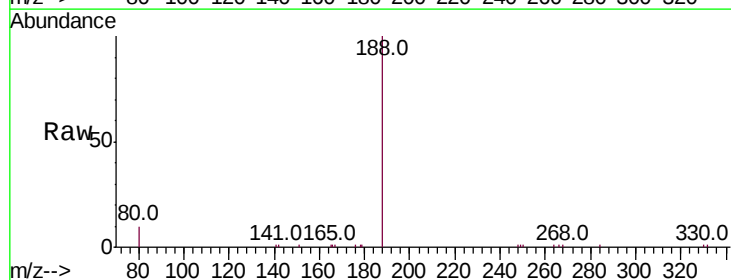
Tgt Ion:188 Resp: 10127

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

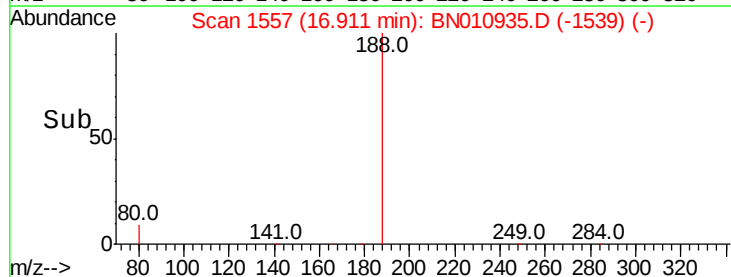
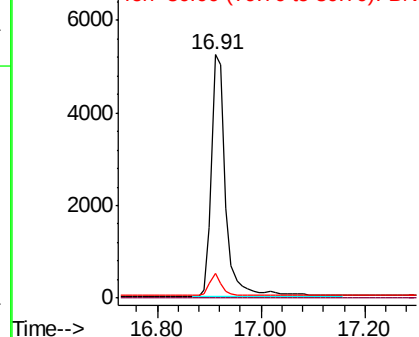
80 10.0 4.5 6.7#

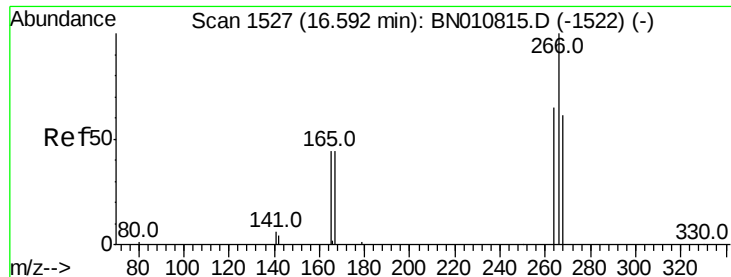


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

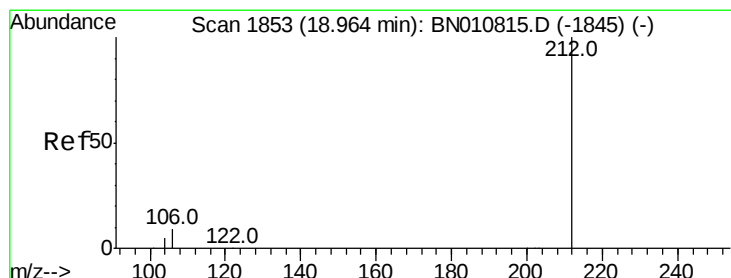
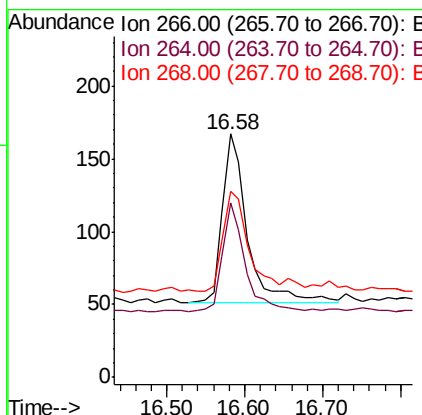
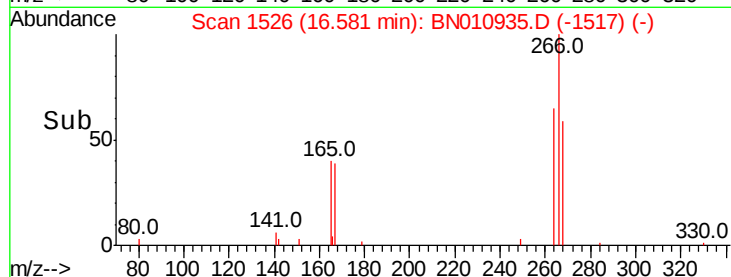
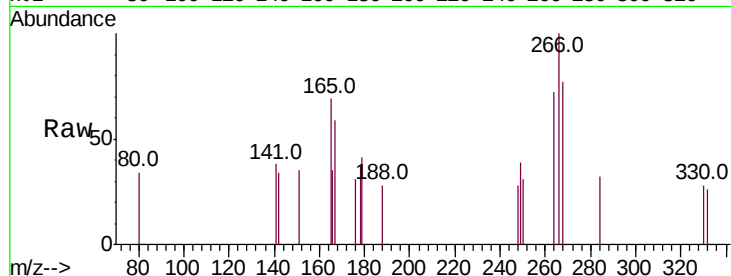




#22
 Pentachlorophenol
 Concen: 0.122 ng
 RT: 16.58 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

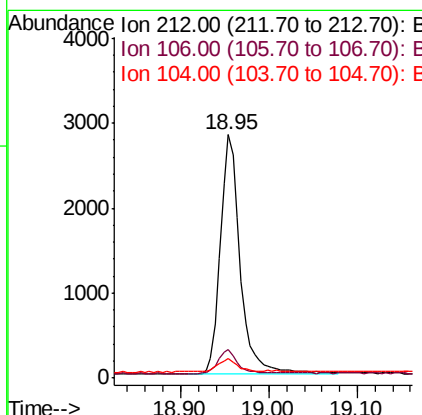
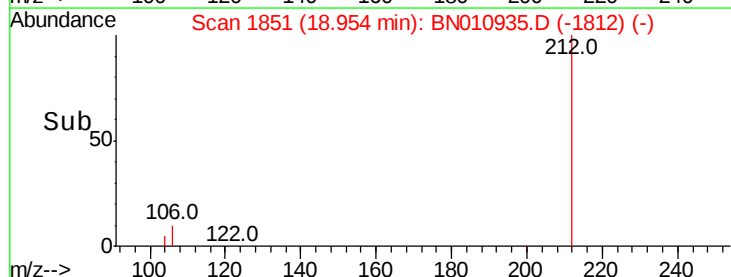
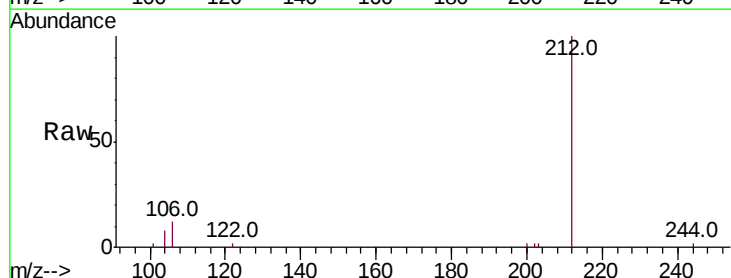
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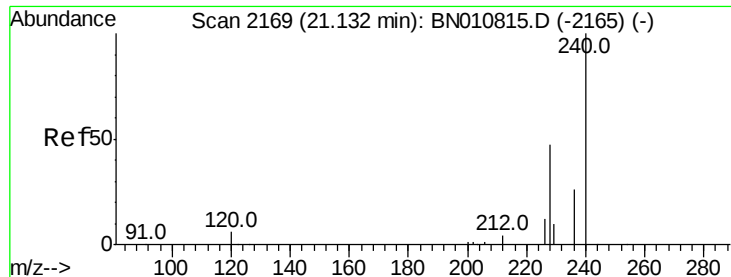
Tot Ion	Ratio	Lower	Upper
266	100		
264	71.9	54.8	82.2
268	76.6	55.9	83.9



#25
 Fluoranthene-d10
 Concen: 0.158 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

Tgt Ion	Ratio	Lower	Upper
212	100		
106	9.8	6.6	10.0
104	5.4	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: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

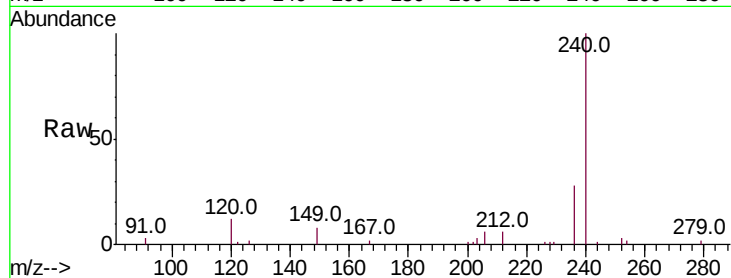
Tot Ion:240 Resp: 10138

Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

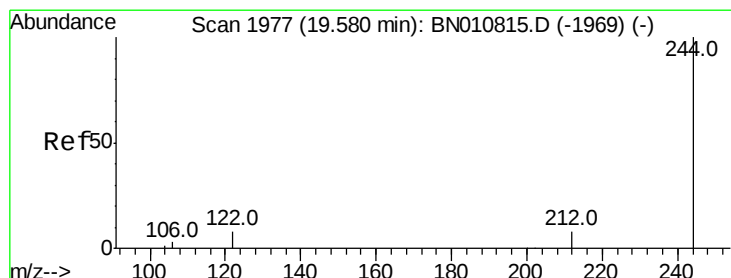
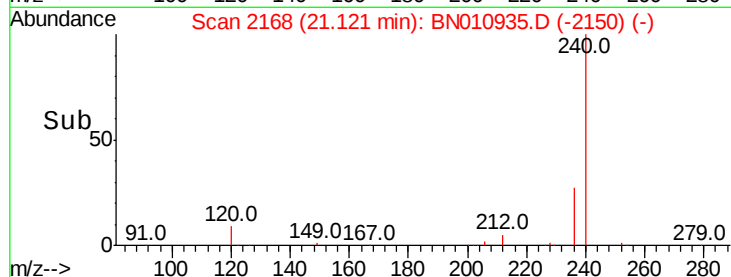
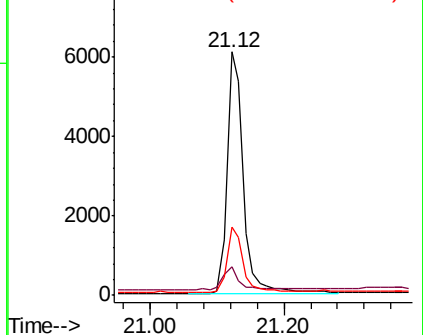
236 28.1 22.3 33.5



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: 0.191 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

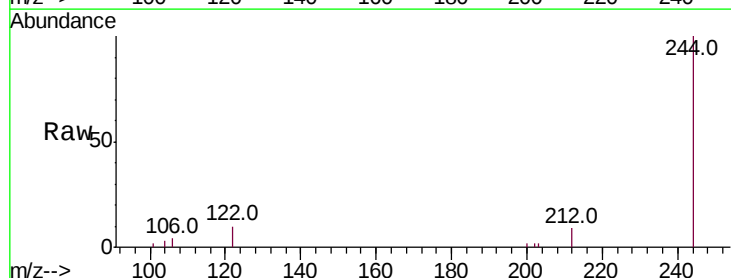
Tgt Ion:244 Resp: 4531

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

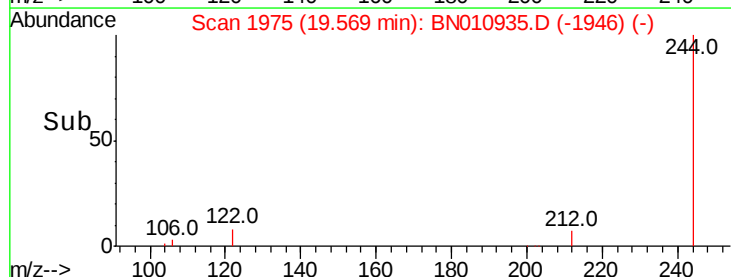
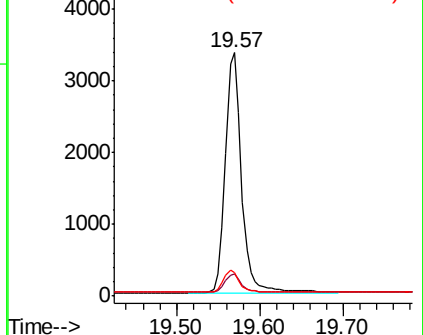
122 9.7 7.5 11.3

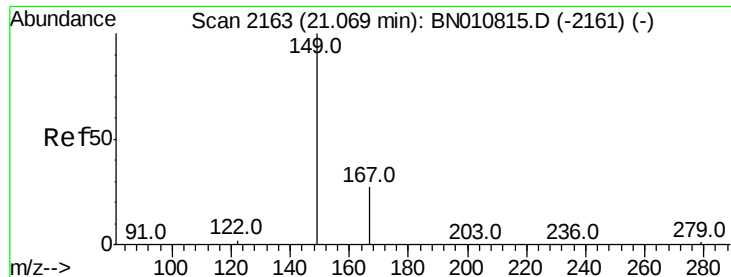


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.329 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

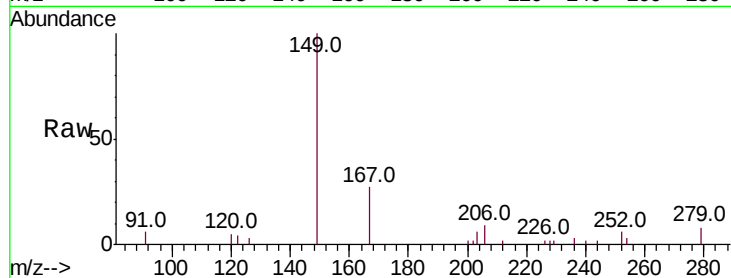
Tot Ion:149 Resp: 3272

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

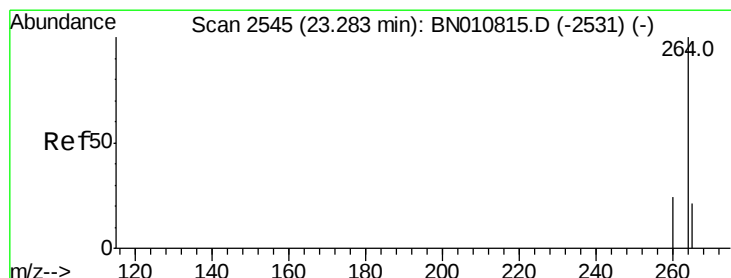
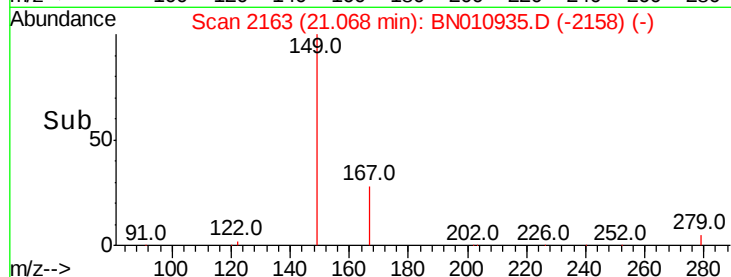
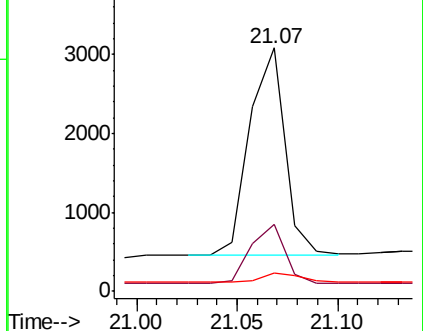
279 4.4 4.6 7.0#



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

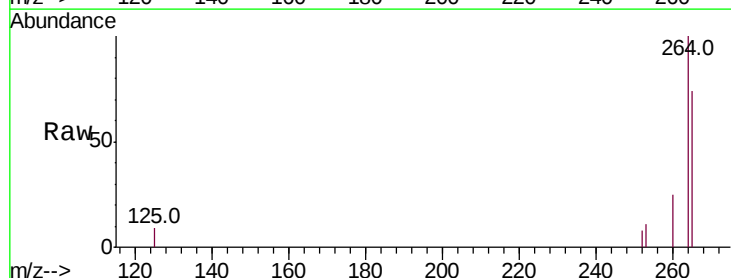
Tgt Ion:264 Resp: 9501

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 73.6 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

