

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010895.D
 Acq On : 16 Jun 2020 07:23
 Operator : CG/JU
 Sample : L2989-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20200610

Quant Time: Jun 16 08:33:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

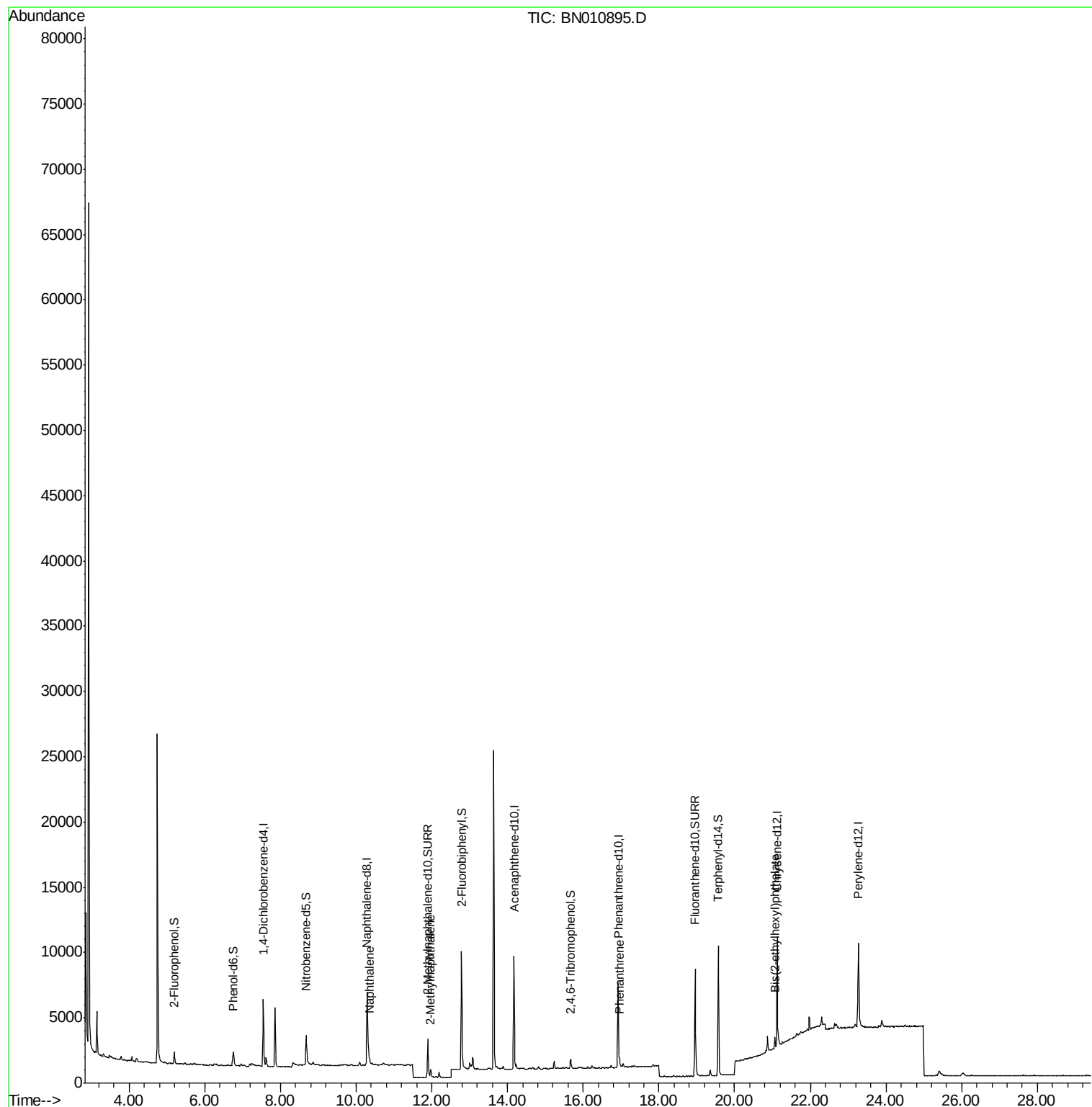
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2663	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9487	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5262	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10677	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8895	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	870	0.17	ng	0.00
5) Phenol-d6	6.74	99	591	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2593	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4668	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	686	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8813	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	10813	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	10766	0.52	ng	0.00
Target Compounds						
9) Naphthalene	10.34	128	518	0.022	ng	# 69
12) 2-Methylnaphthalene	11.97	142	507	0.032	ng	# 91
23) Phenanthrene	16.96	178	719	0.025	ng	96
32) Bis(2-ethylhexyl)phthalate	21.07	149	899	0.103	ng	91

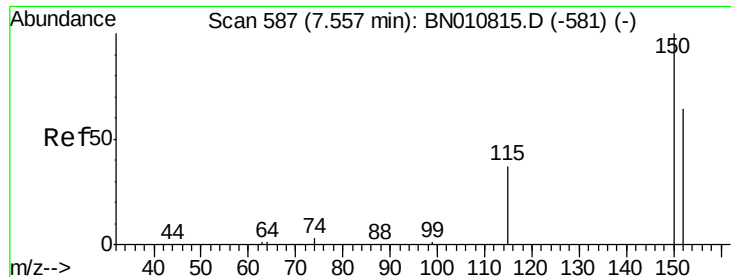
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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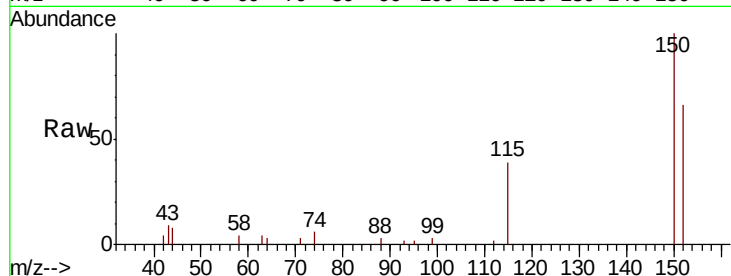


#1

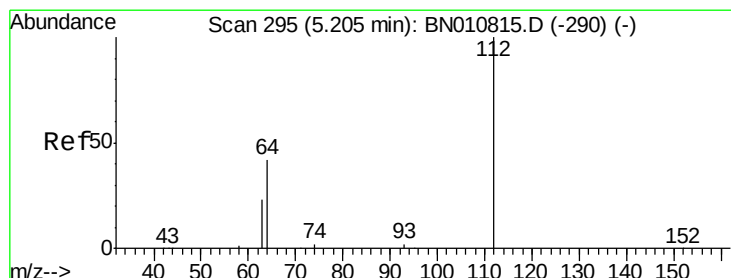
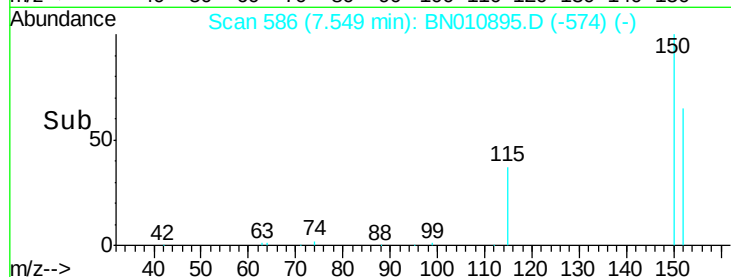
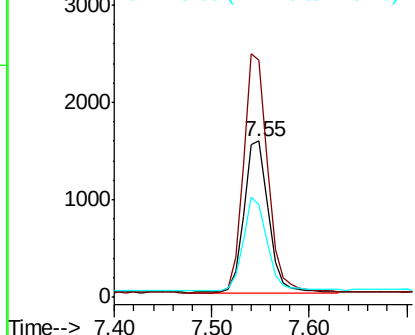
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tot Ion:152 Resp: 2663
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 59.1 49.2 73.8



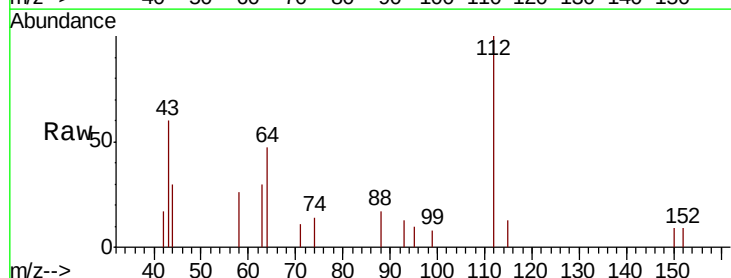
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



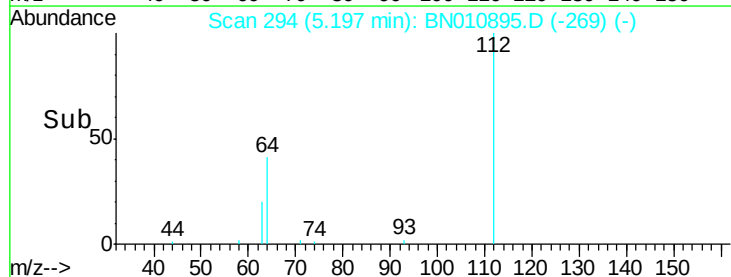
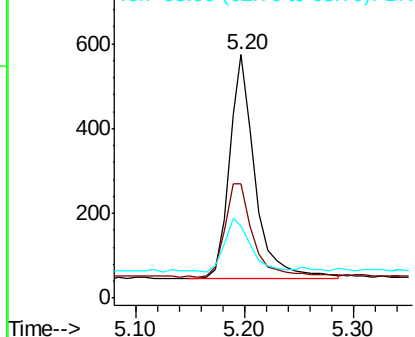
#4

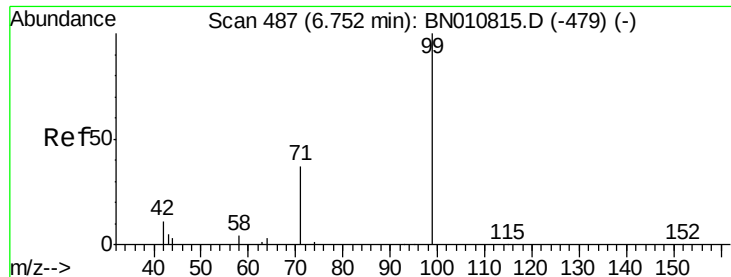
2-Fluorophenol
Concen: 0.169 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:112 Resp: 870
Ion Ratio Lower Upper
112 100
64 46.3 37.4 56.0
63 23.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.098 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20200610

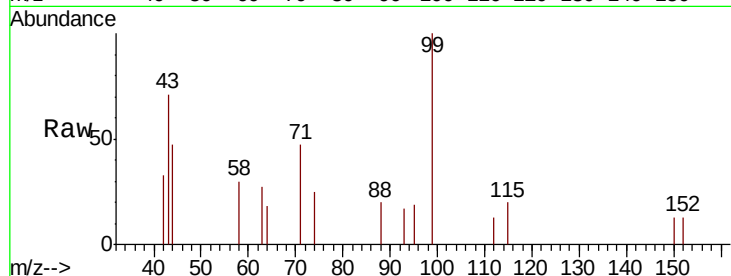
Tot Ion: 99 Resp: 591

Ion Ratio Lower Upper

99 100

42 21.2 11.1 16.7#

71 48.6 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

400

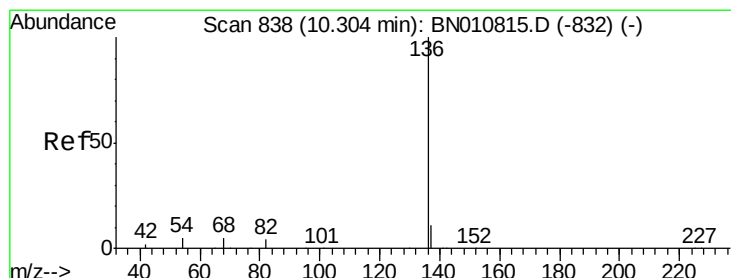
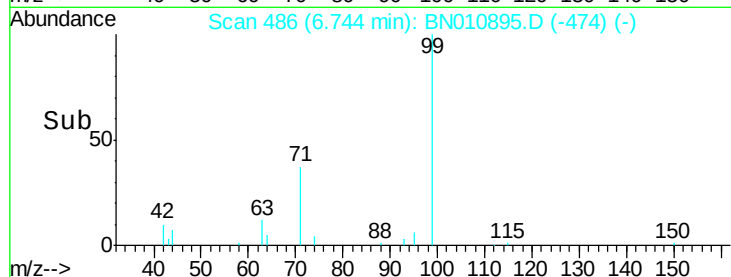
300

200

100

0

Time--> 6.65 6.70 6.75 6.80



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Tgt Ion: 136 Resp: 9487

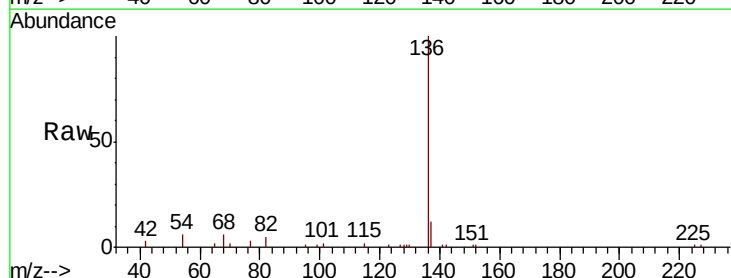
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 6.2 4.9 7.3

68 6.3 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

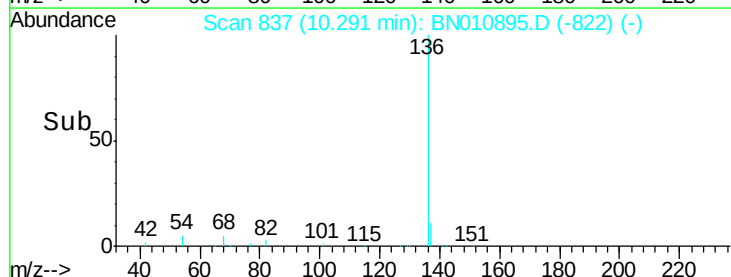
6000

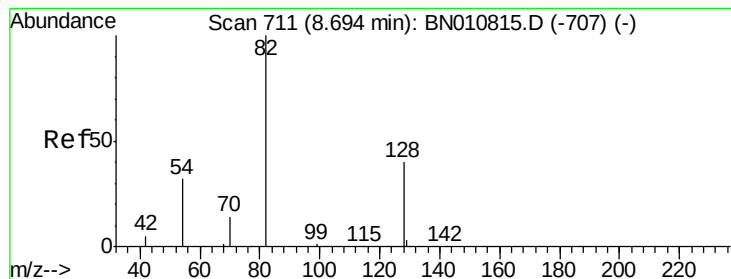
4000

2000

0

Time--> 10.20 10.40





#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20200610

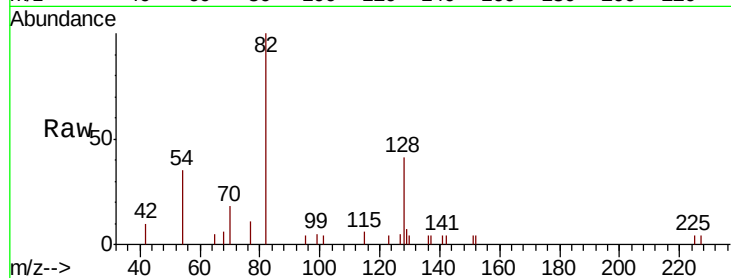
Tot Ion: 82 Resp: 2593

Ion Ratio Lower Upper

82 100

128 41.1 35.4 53.0

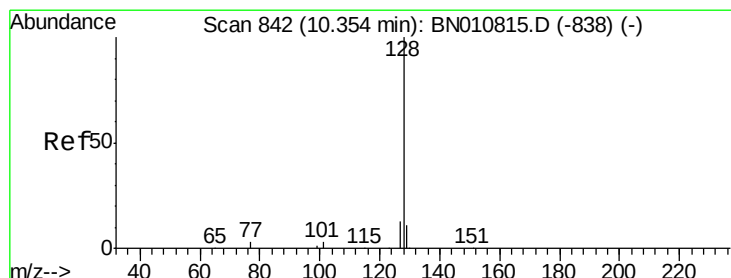
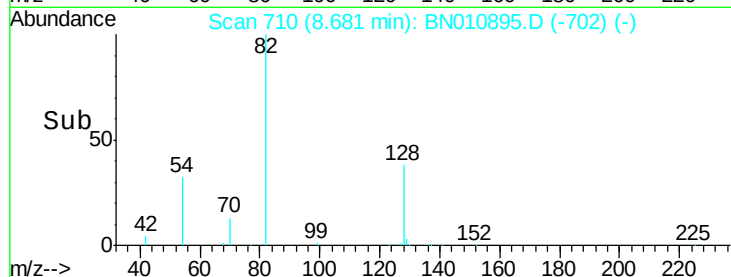
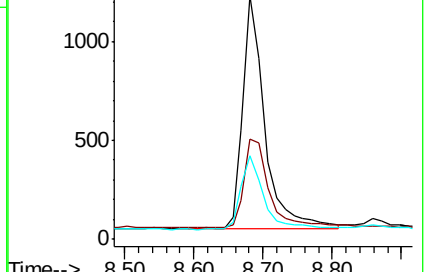
54 34.5 28.2 42.4



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) (-)



#9

Naphthalene

Concen: 0.022 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

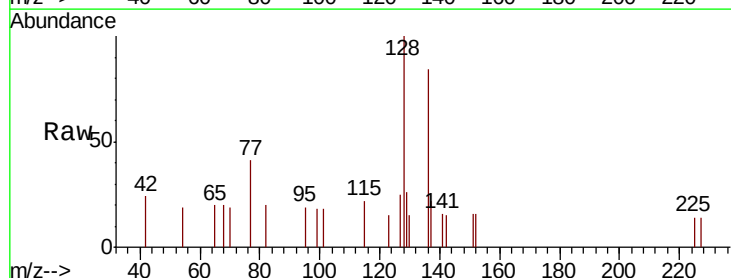
Tgt Ion: 128 Resp: 518

Ion Ratio Lower Upper

128 100

129 26.4 9.6 14.4#

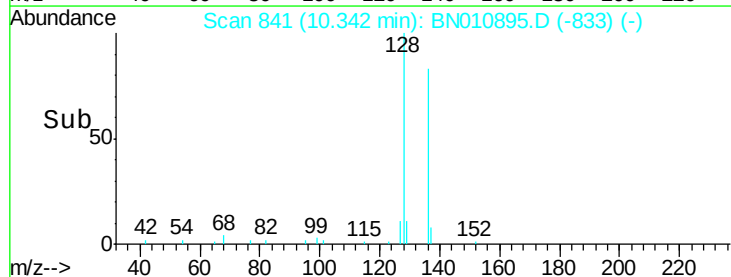
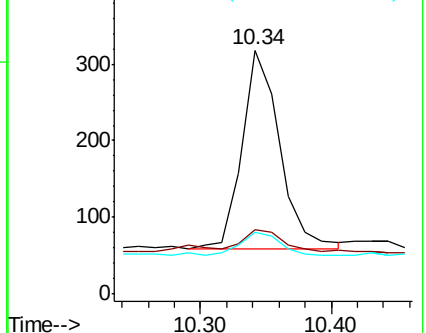
127 25.2 11.4 17.2#

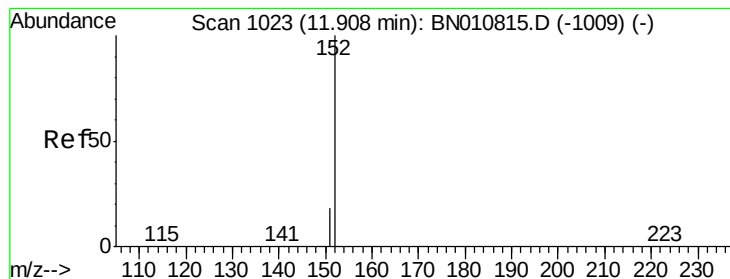


Abundance Ion 128.00 (127.70 to 128.70): BN010815.D (-838) (-)

Ion 129.00 (128.70 to 129.70): BN010815.D (-838) (-)

Ion 127.00 (126.70 to 127.70): BN010815.D (-838) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

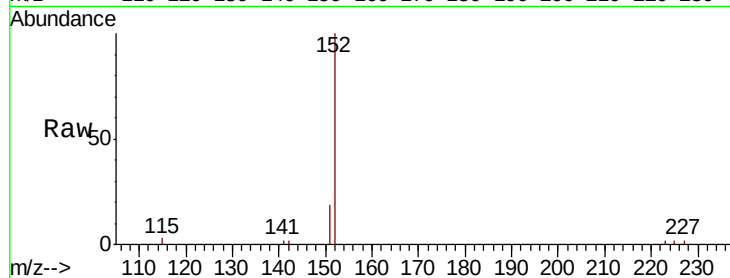
RE122D3-20200610

Tot Ion:152 Resp: 4668

Ion Ratio Lower Upper

152 100

151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.89

2500

2000

1500

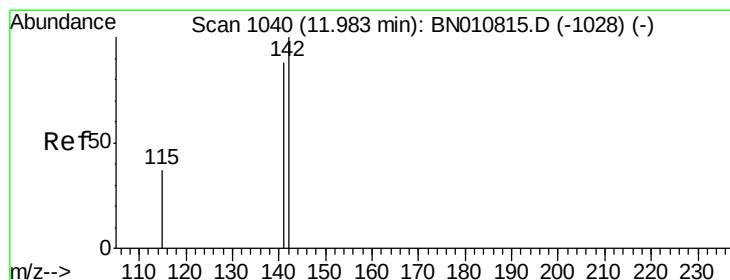
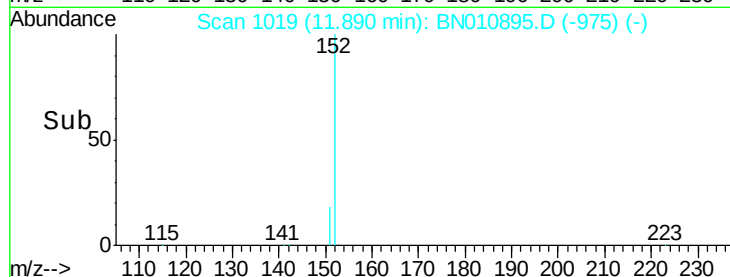
1000

500

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.032 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

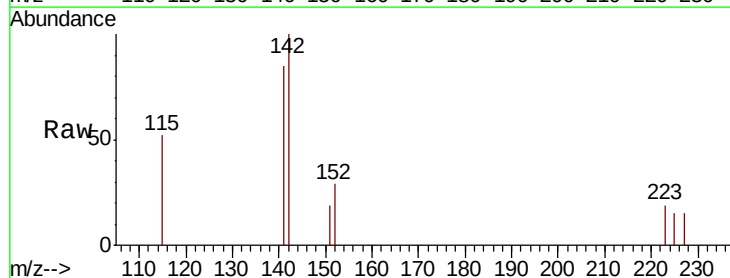
Tgt Ion:142 Resp: 507

Ion Ratio Lower Upper

142 100

141 85.1 70.8 106.2

115 52.2 31.5 47.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

400

300

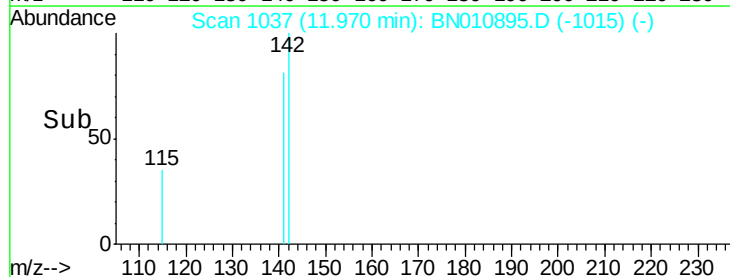
200

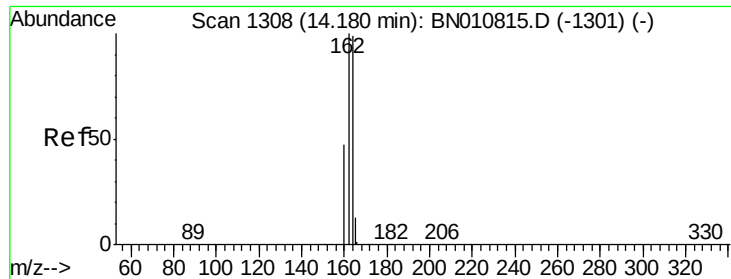
100

0

Time-->

11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20200610

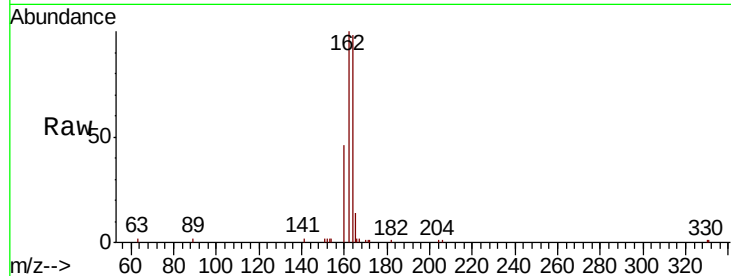
Tot Ion:164 Resp: 5262

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

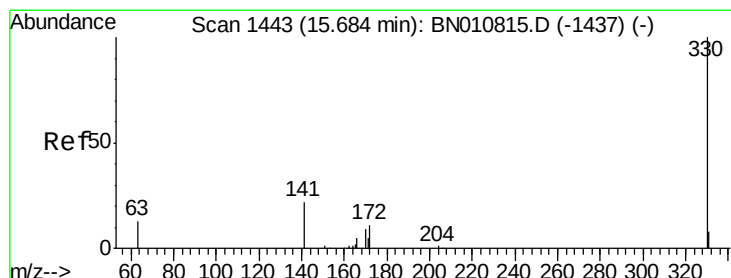
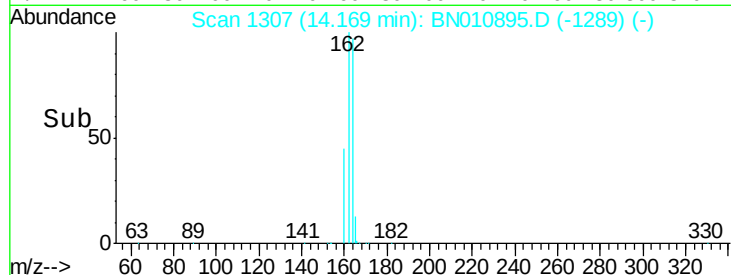
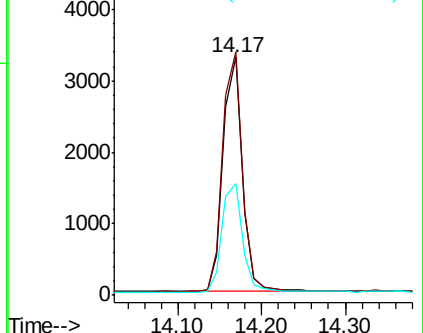
160 46.9 38.9 58.3



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: 0.365 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

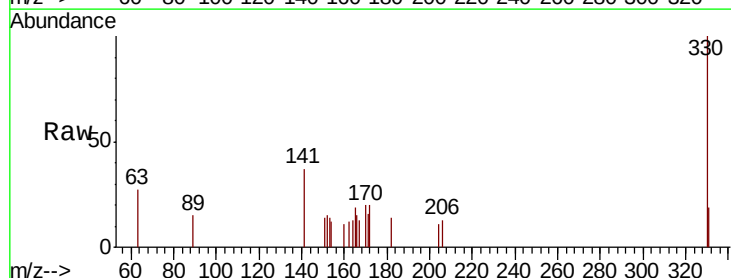
Tgt Ion:330 Resp: 686

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

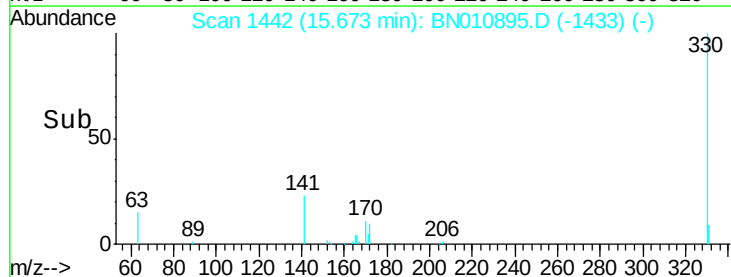
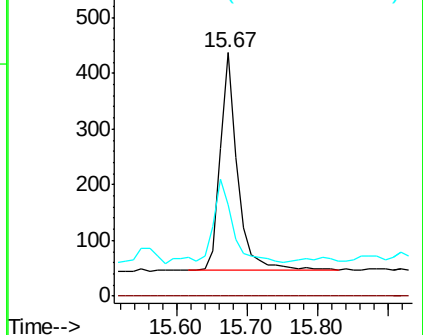
141 42.3 33.2 49.8

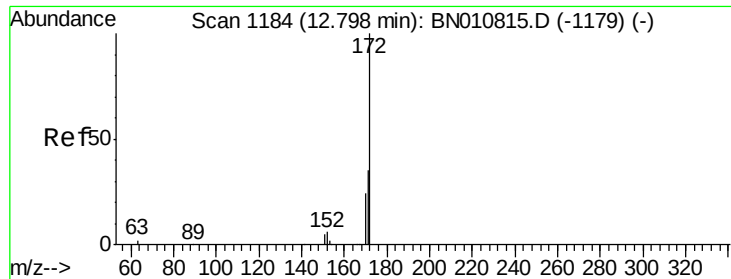


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

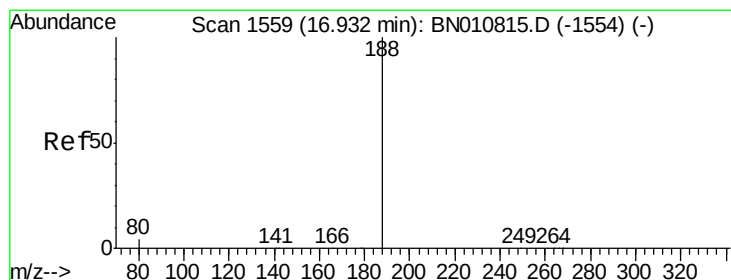
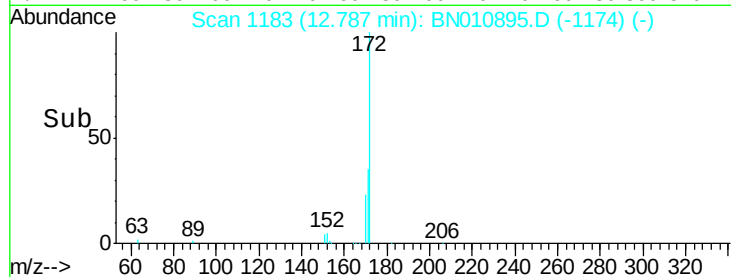
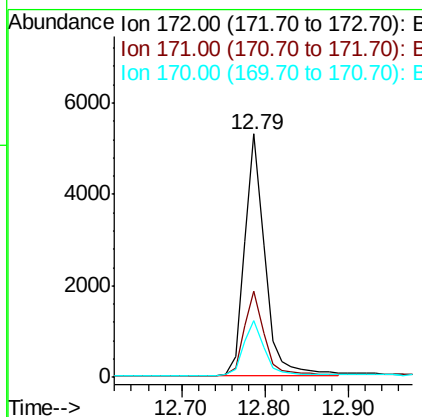
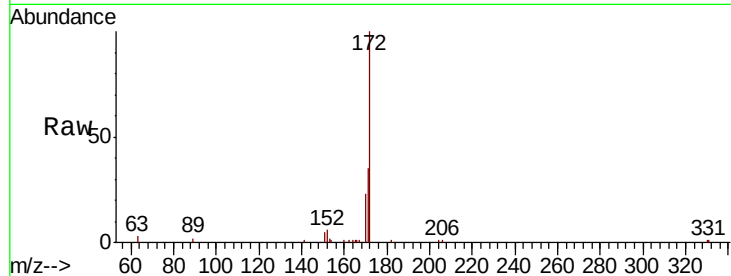




#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

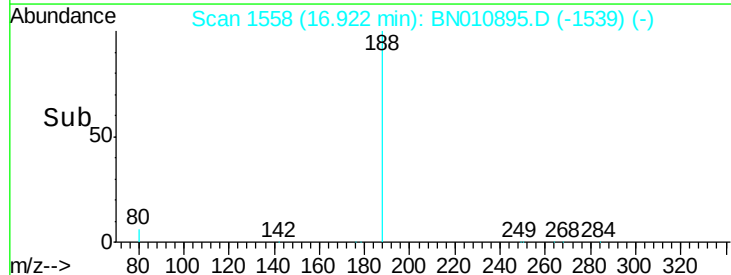
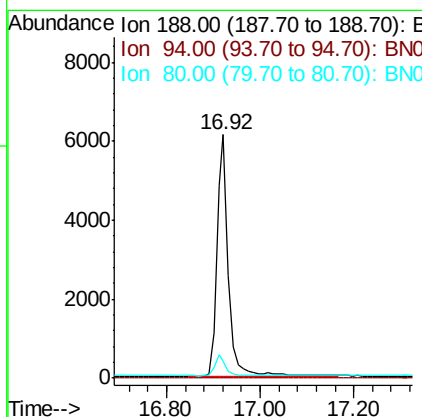
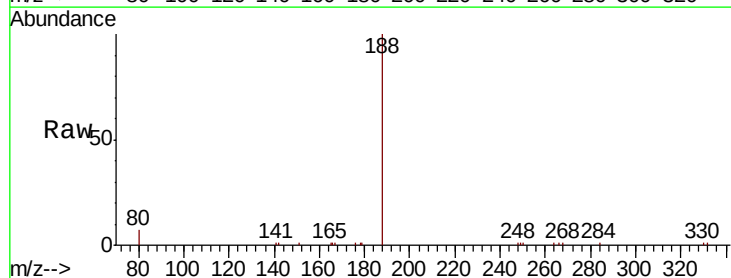
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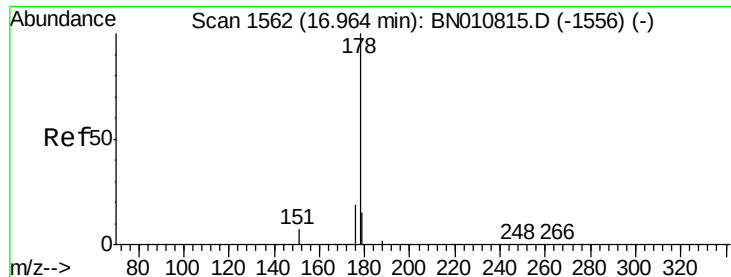
Tot Ion:172 Resp: 8813
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:188 Resp: 10677
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 4.5 6.7#





#23

Phenanthrene

Concen: 0.025 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20200610

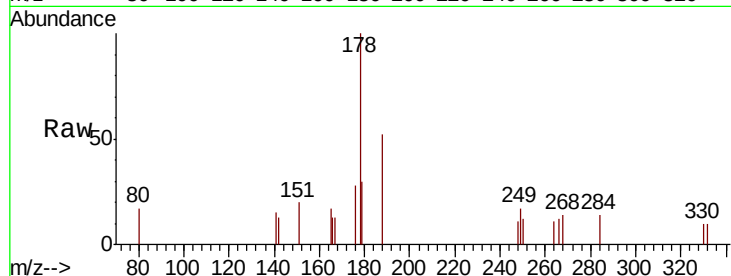
Tot Ion:178 Resp: 719

Ion Ratio Lower Upper

178 100

176 22.0 15.3 22.9

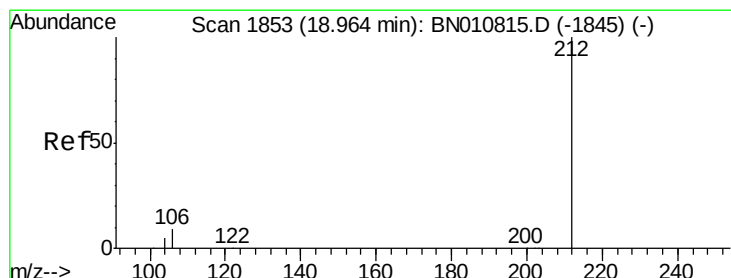
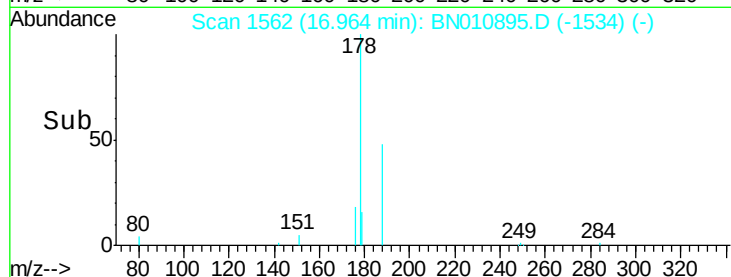
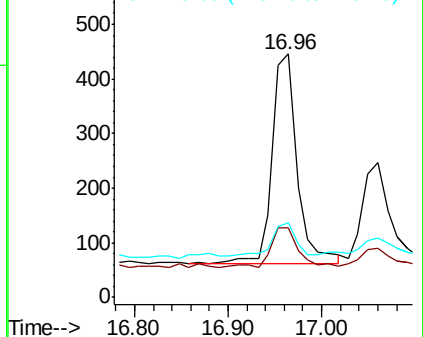
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

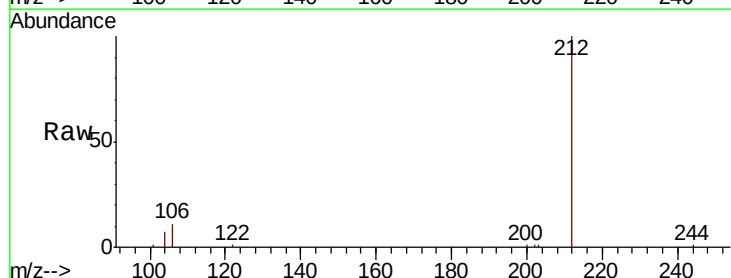
Tgt Ion:212 Resp: 10813

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0

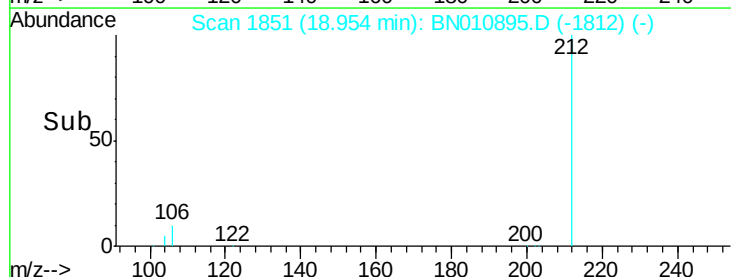
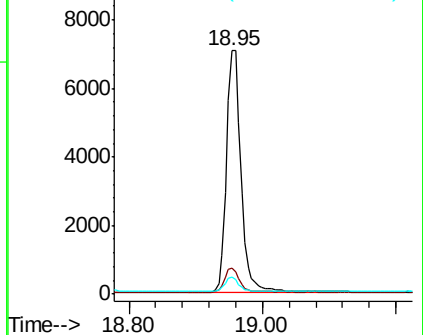
104 5.7 4.0 6.0

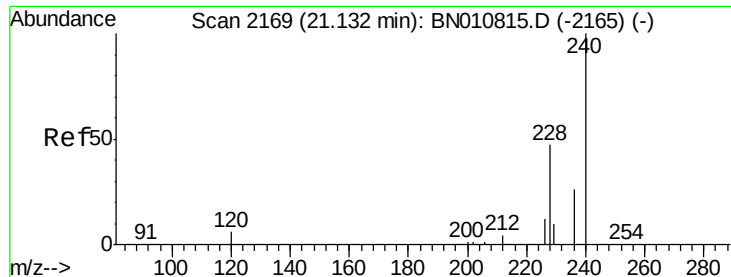


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN010895.D

Acq: 16 Jun 2020 07:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20200610

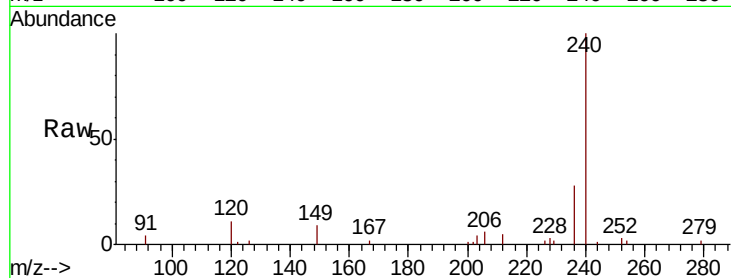
Tot Ion:240 Resp: 8895

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

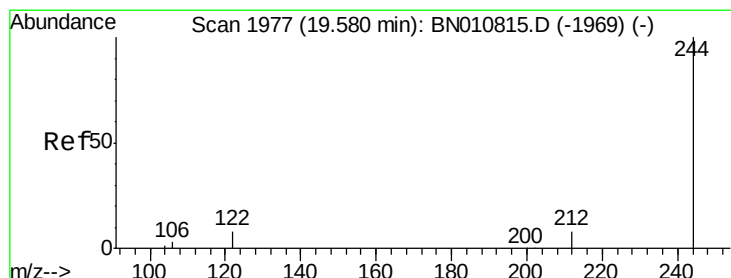
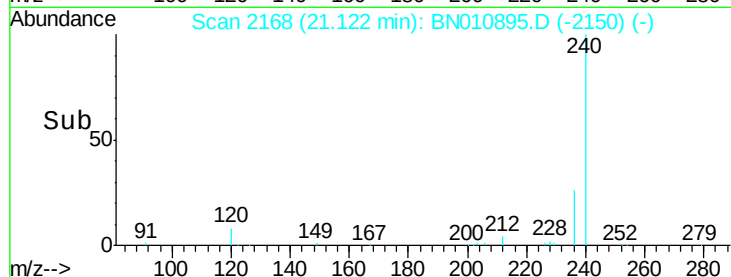
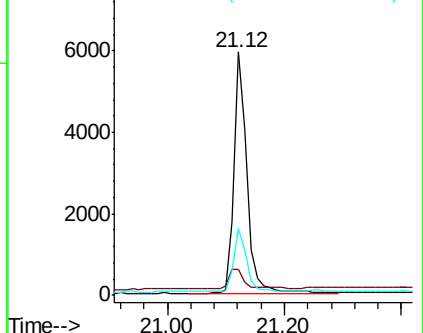
236 27.6 22.3 33.5



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: 0.517 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010895.D

Acq: 16 Jun 2020 07:23

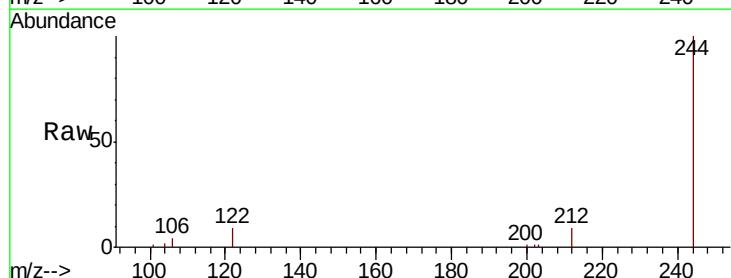
Tgt Ion:244 Resp: 10766

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

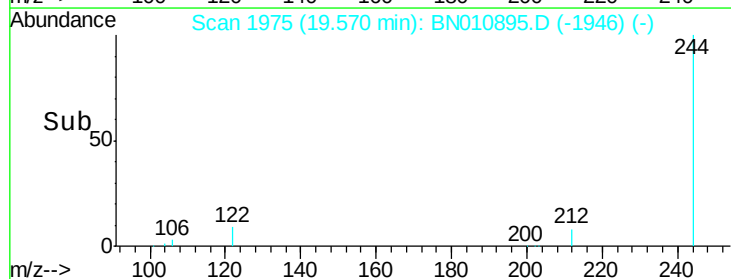
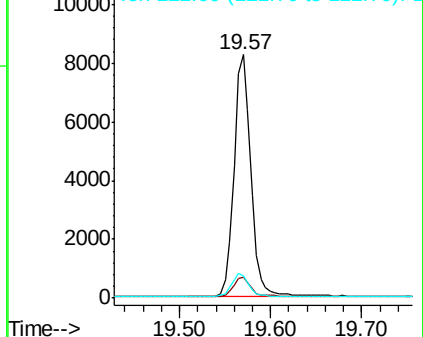
122 9.4 7.5 11.3

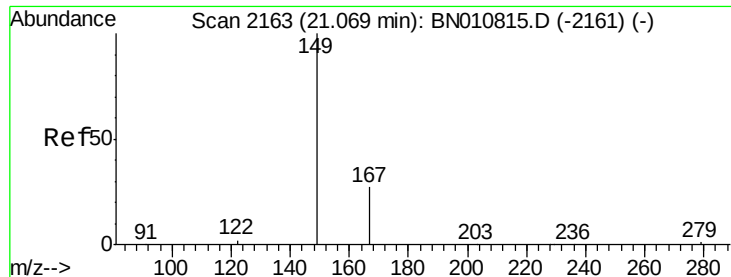


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

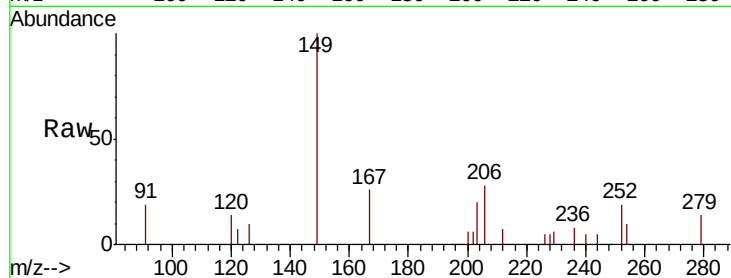




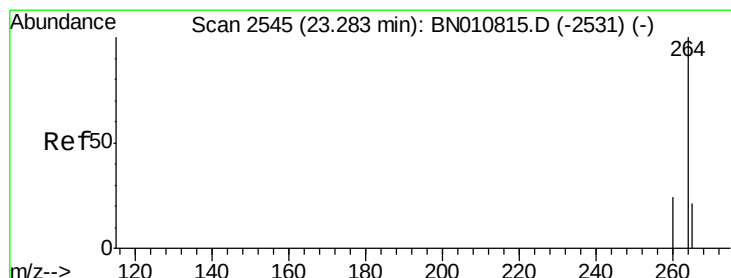
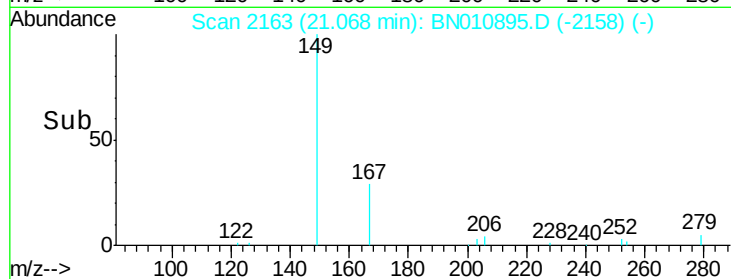
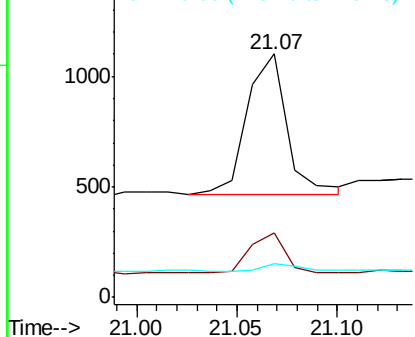
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BN010895.D
 Acq: 16 Jun 2020 07:23

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20200610

Tot Ion:149 Resp: 899
 Ion Ratio Lower Upper
 149 100
 167 24.5 24.1 36.1
 279 5.6 4.6 7.0

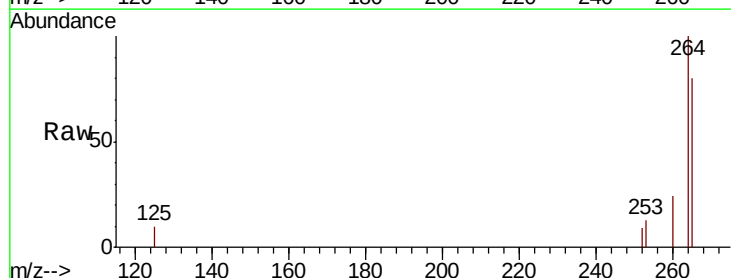


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.27 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BN010895.D
 Acq: 16 Jun 2020 07:23

Tgt Ion:264 Resp: 9148
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.4 30.6
 265 79.5 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

