

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 :

Quant Time: Jun 16 08:32:03 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

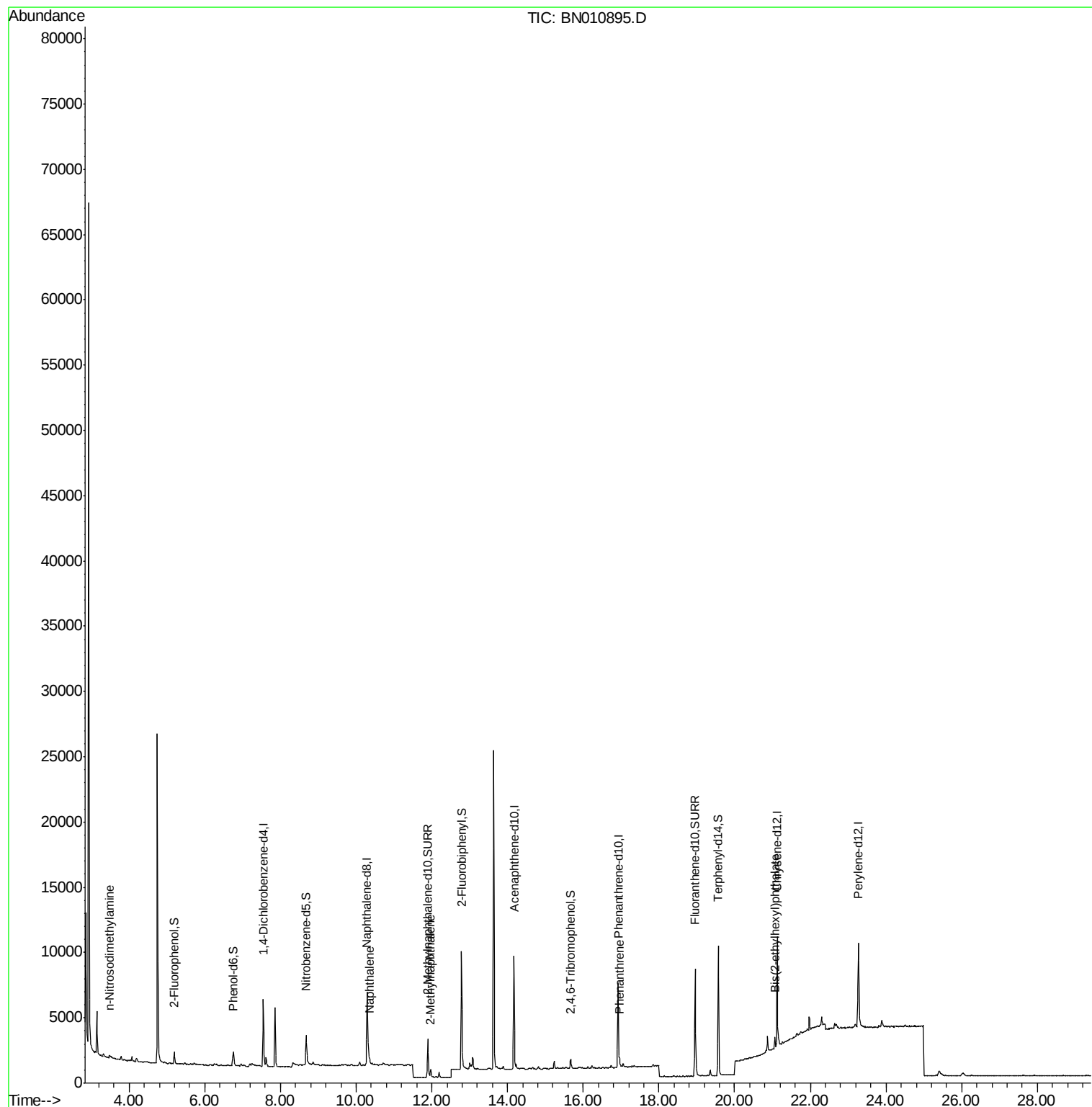
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.47	42	91	0.060	ng	# 1
9) Naphthalene	10.34	128	518	0.022	ng	# 69
12) 2-Methylnaphthalene	11.97	142	507	0.032	ng	# 91
23) Phenanthrene	16.96	178	719	0.025	ng	96
32) Bis(2-ethylhexyl)phthalate	21.07	149	899	0.103	ng	91

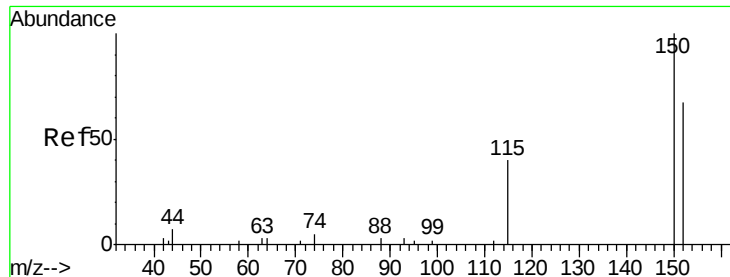
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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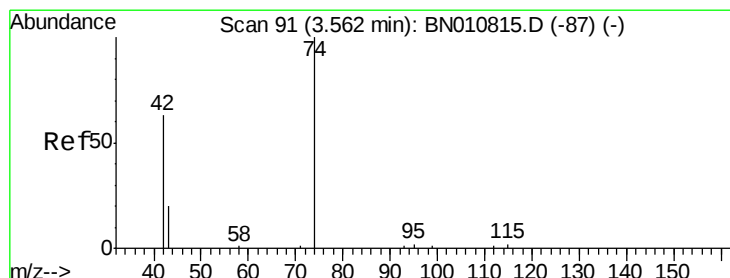
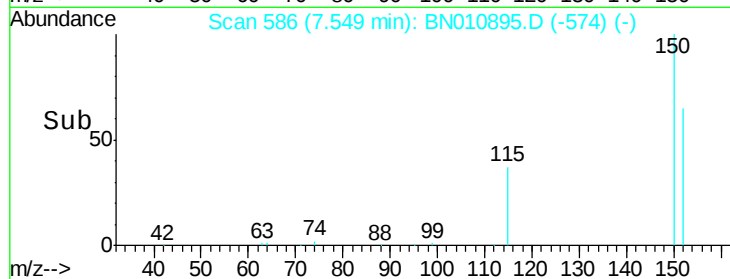
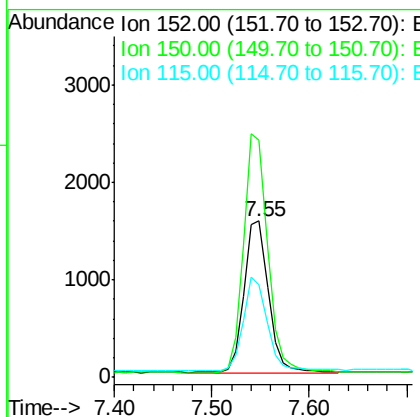
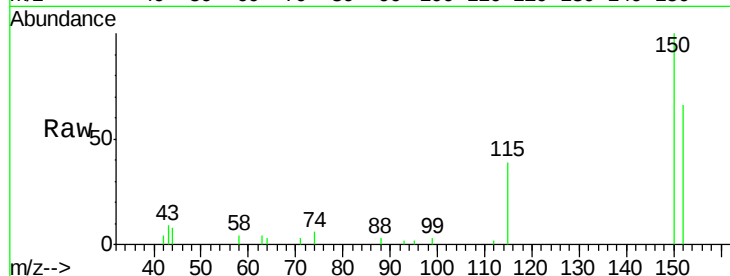




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.55 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BN010895.D
 Acq: 16 Jun 2020 07:23

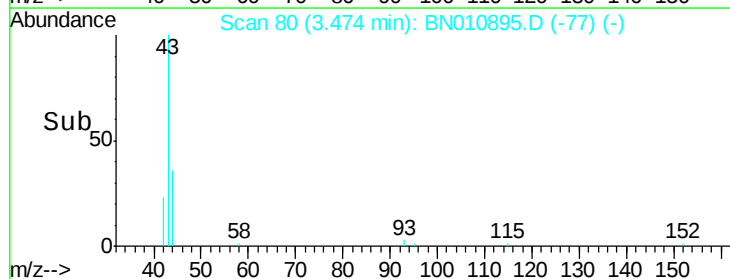
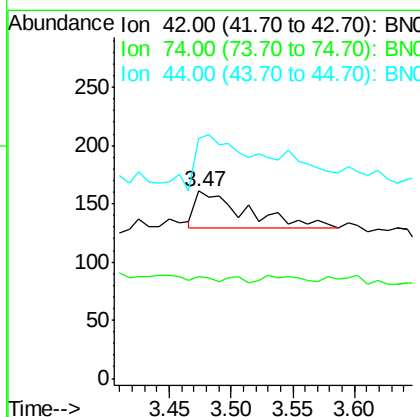
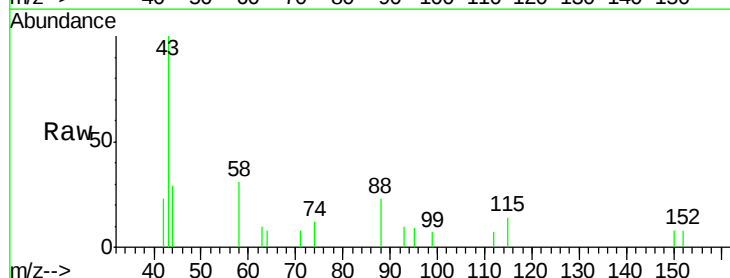
Instrument :
 BNA_N
 ClientSampleId :

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



#3
 n-Nitrosodimethylamine
 Concen: 0.060 ng
 RT: 3.47 min Scan# 80
 Delta R.T. -0.07 min
 Lab File: BN010895.D
 Acq: 16 Jun 2020 07:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	140.7	211.1#
44	171.4	1.4	2.2#





#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

Instrument :

BNA_N

ClientSampleId :

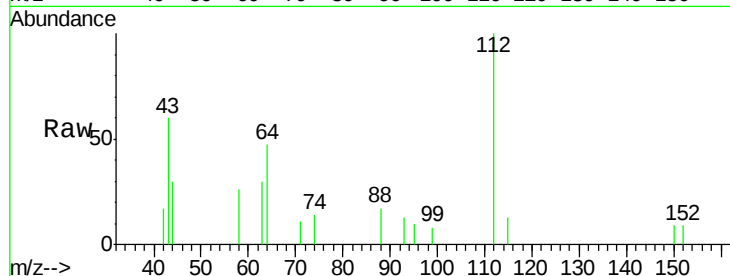
Tot Ion:112 Resp: 870

Ion Ratio Lower Upper

112 100

64 46.3 37.4 56.0

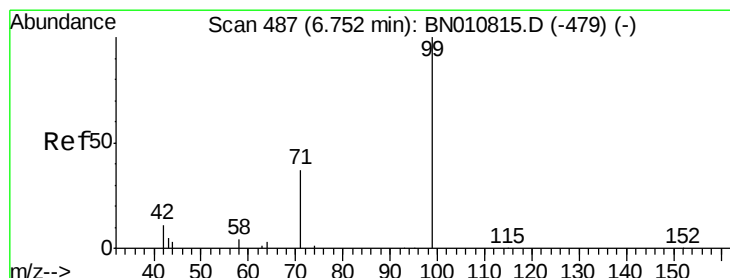
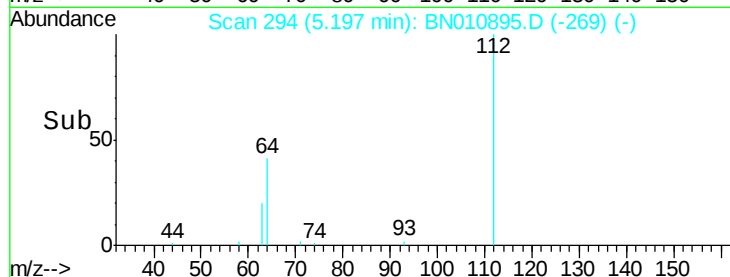
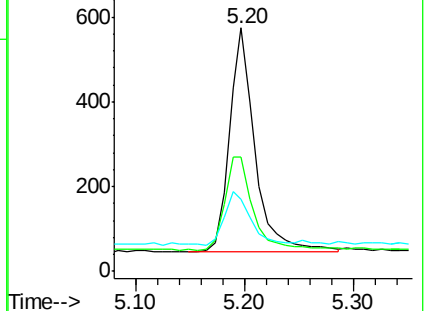
63 23.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

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

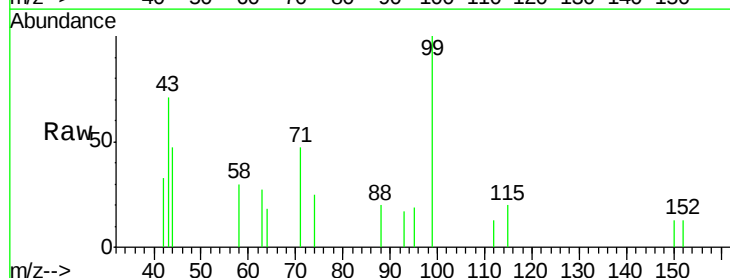
Tgt Ion: 99 Resp: 591

Ion Ratio Lower Upper

99 100

42 21.2 11.1 16.7#

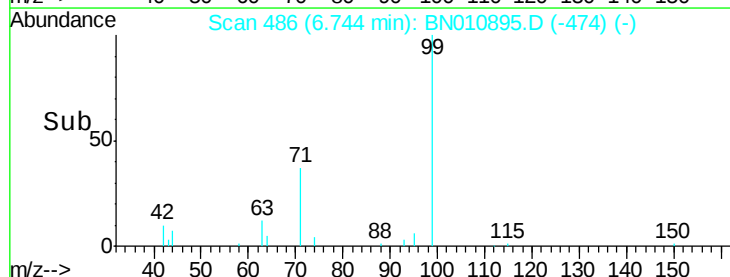
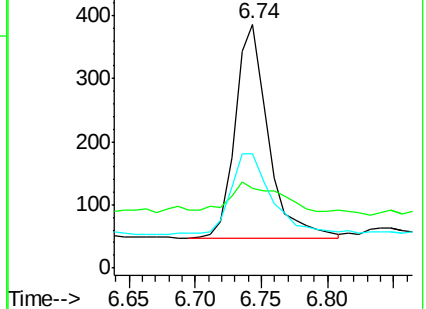
71 48.6 31.4 47.2#

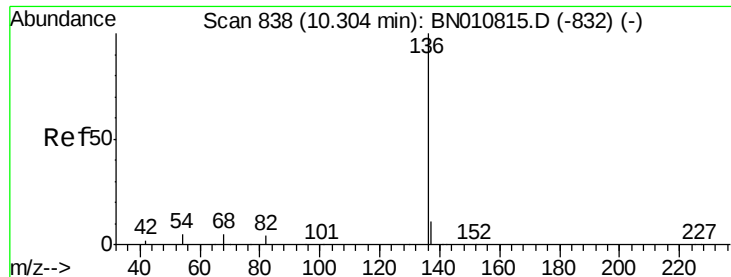


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9487

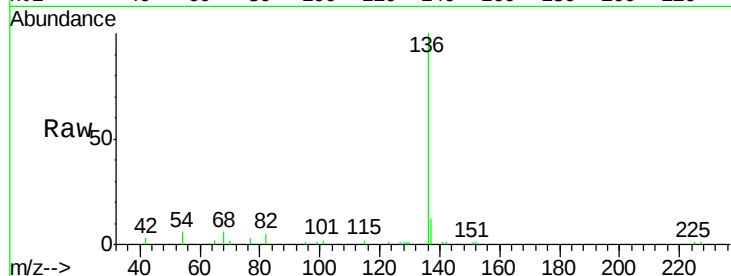
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 6.2 4.9 7.3

68 6.3 4.7 7.1

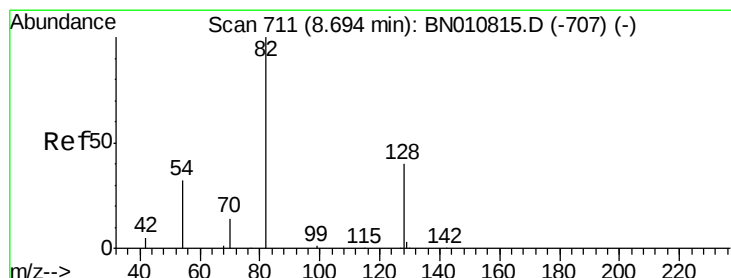
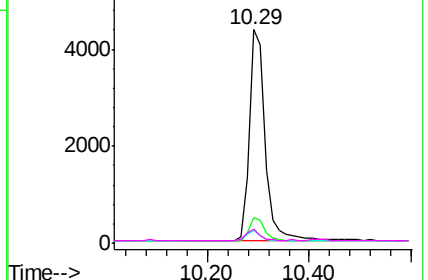
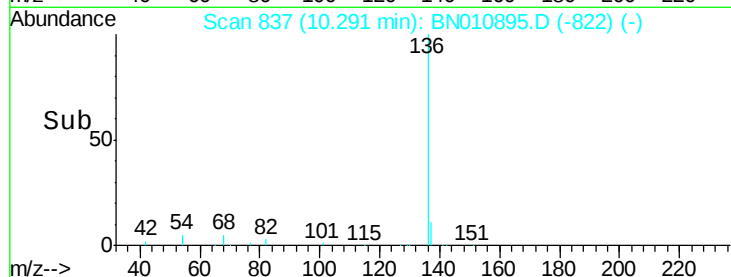


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#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

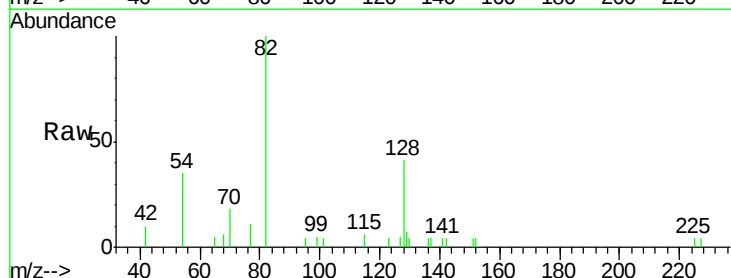
Tgt Ion: 82 Resp: 2593

Ion Ratio Lower Upper

82 100

128 41.1 35.4 53.0

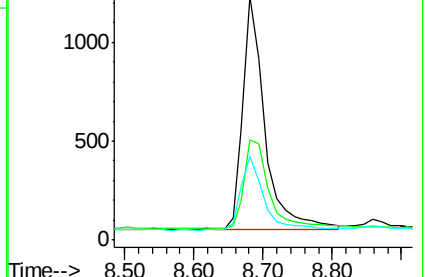
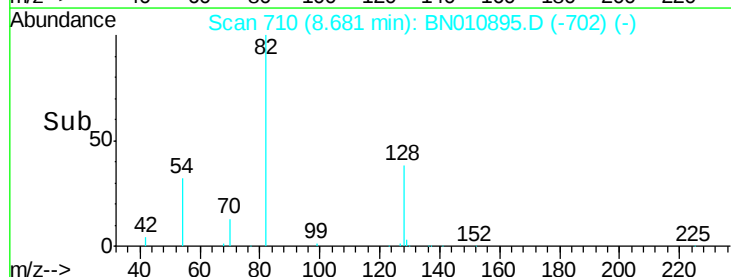
54 34.5 28.2 42.4

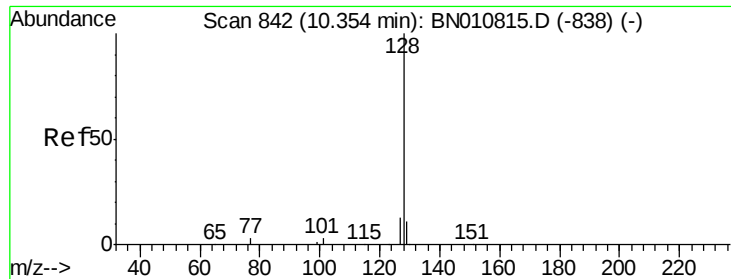


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

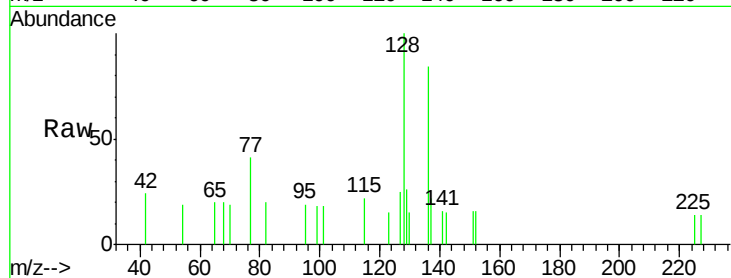
Tot Ion:128 Resp: 518

Ion Ratio Lower Upper

128 100

129 26.4 9.6 14.4#

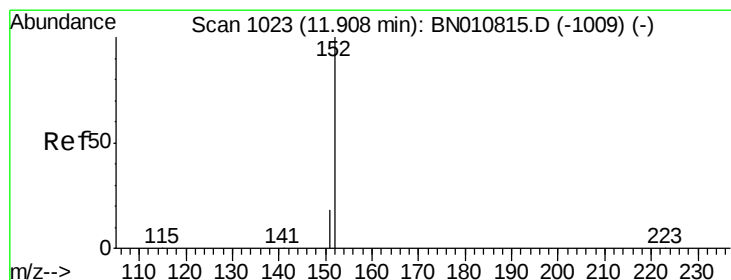
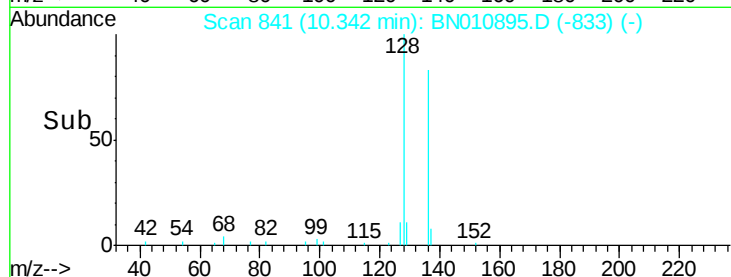
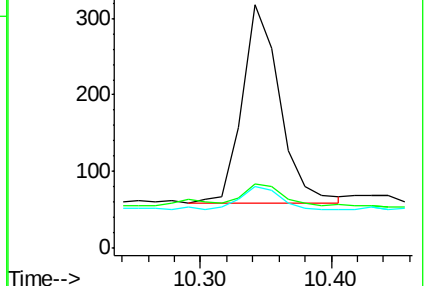
127 25.2 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010895.D

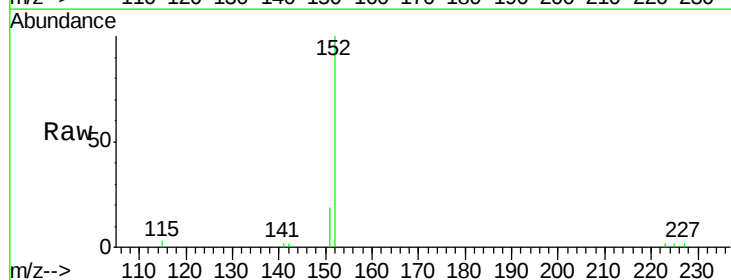
Acq: 16 Jun 2020 07:23

Tgt Ion:152 Resp: 4668

Ion Ratio Lower Upper

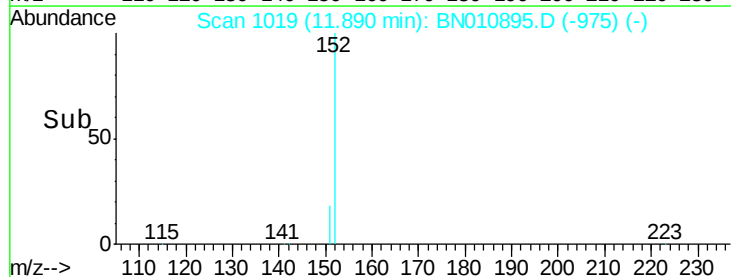
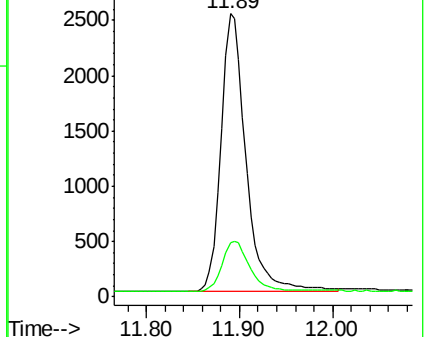
152 100

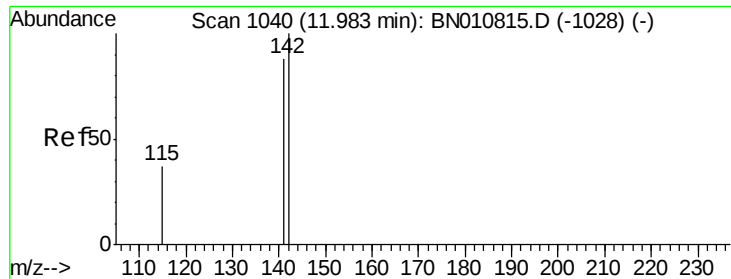
151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

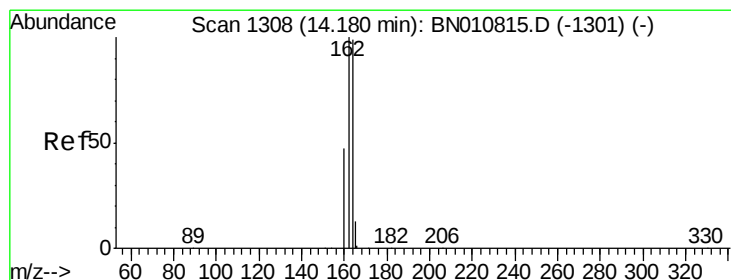
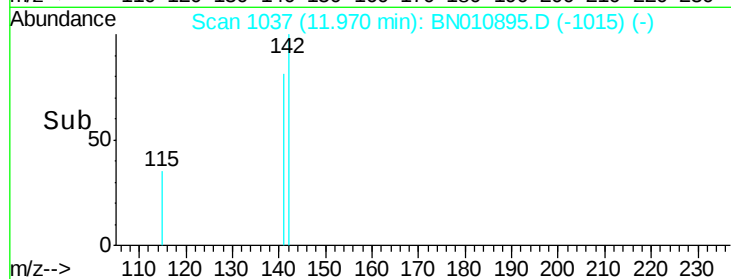
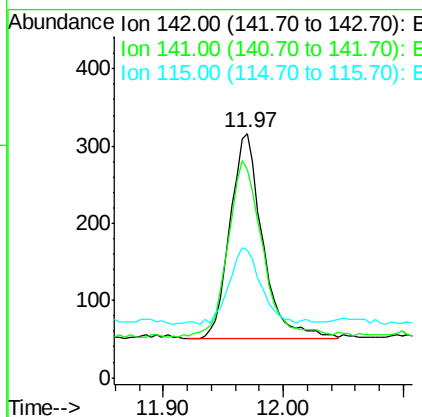
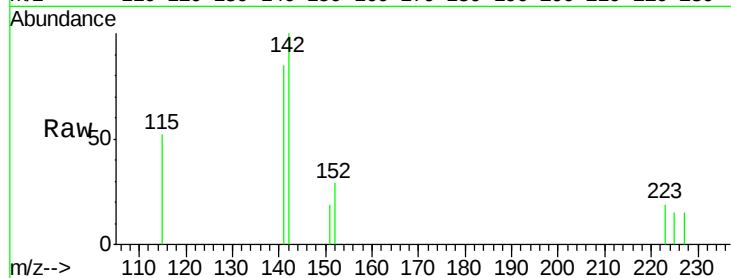




#12
2-Methylnaphthalene
Concen: 0.032 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

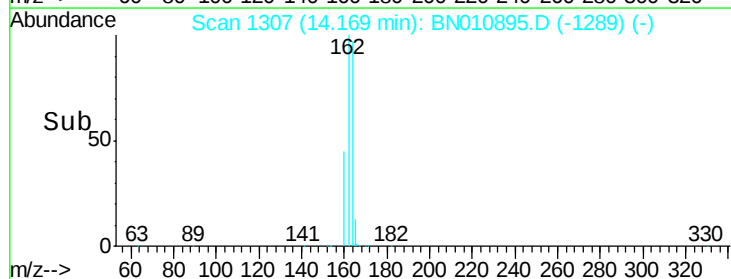
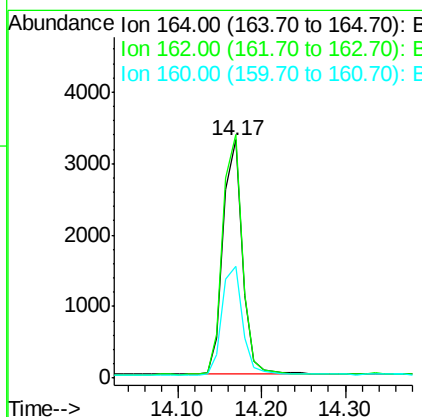
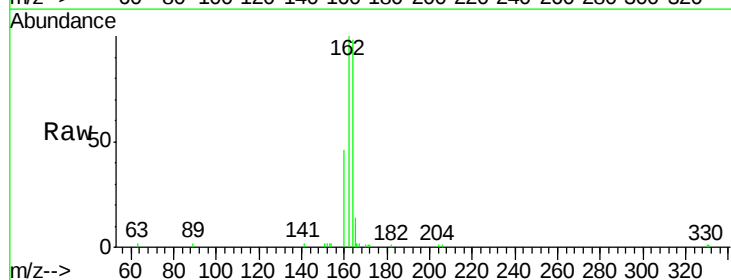
Instrument :
BNA_N
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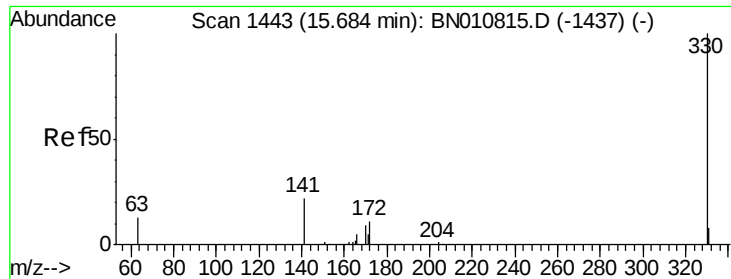
Tot Ion:142 Resp: 507
Ion Ratio Lower Upper
142 100
141 85.1 70.8 106.2
115 52.2 31.5 47.3#



#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

Tgt Ion:164 Resp: 5262
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 46.9 38.9 58.3

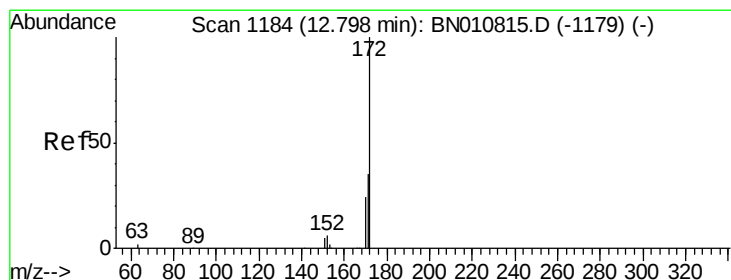
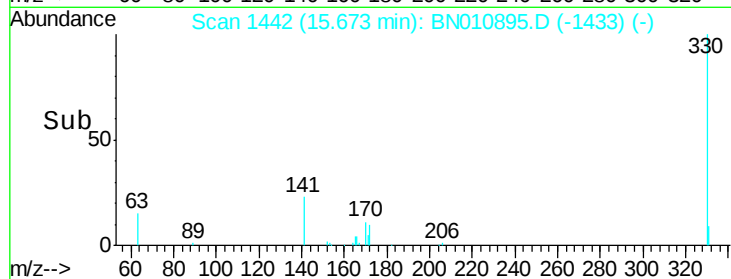
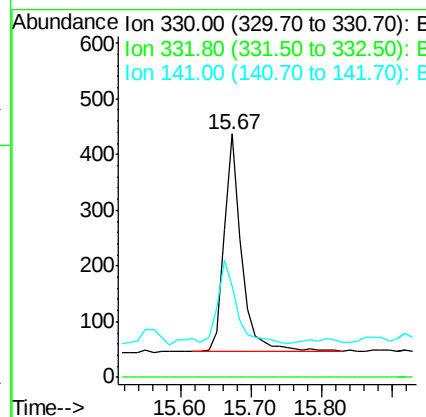
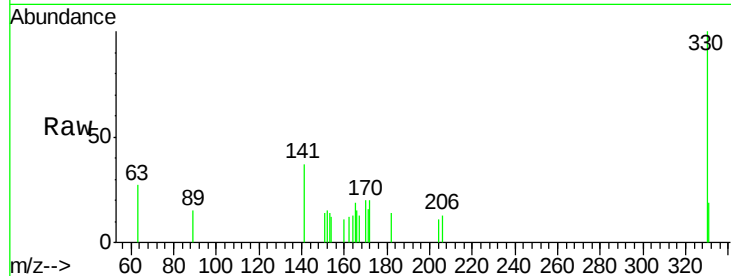




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

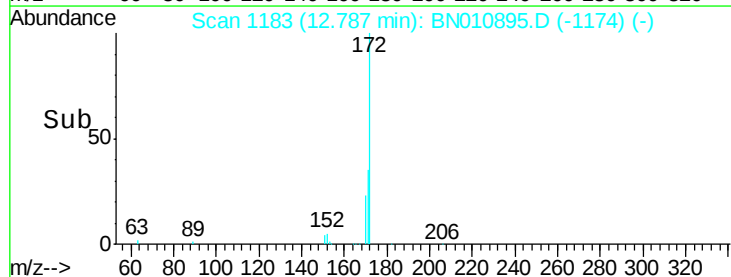
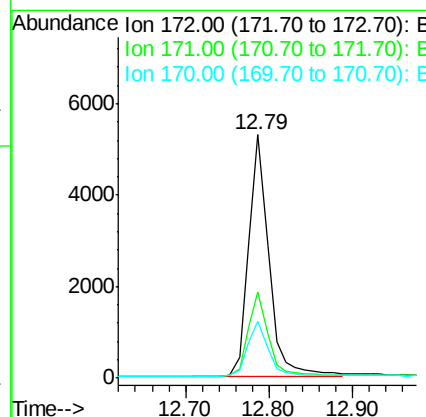
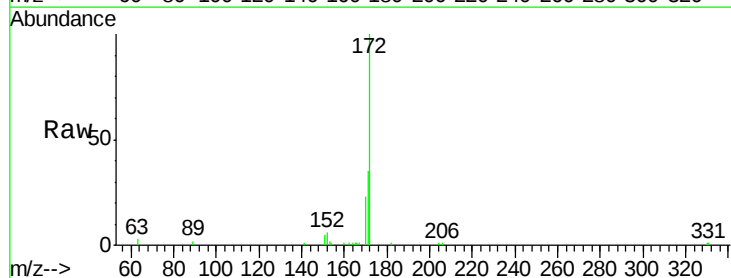
Instrument :
BNA_N
ClientSampleId :

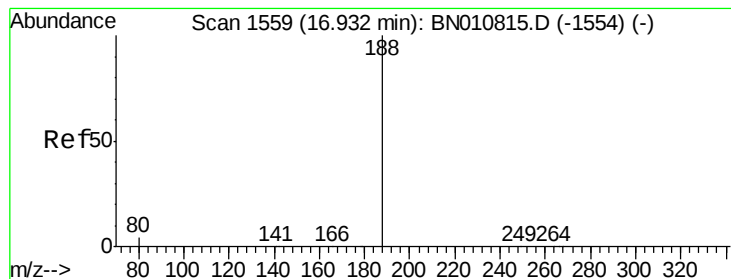
Tot Ion:330 Resp: 686
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.3 33.2 49.8



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

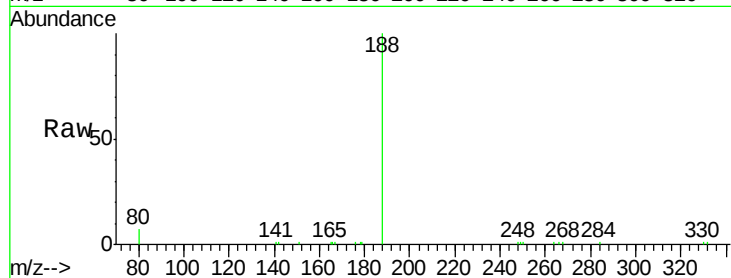
Tot Ion:188 Resp: 10677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

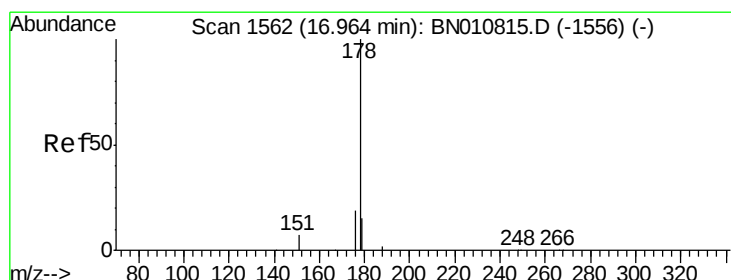
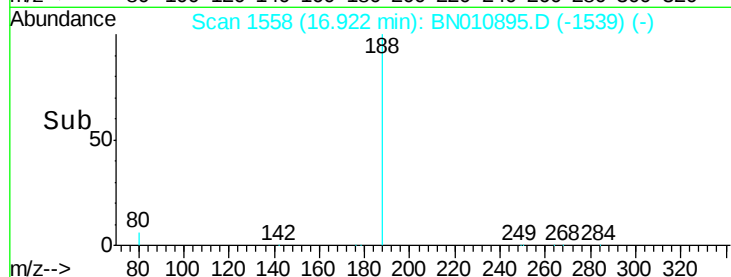
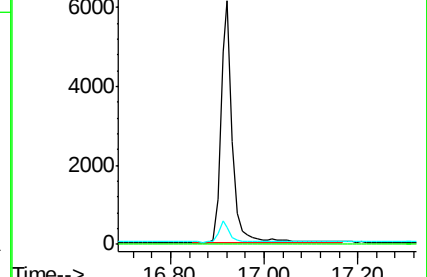
80 7.2 4.5 6.7#



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



#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

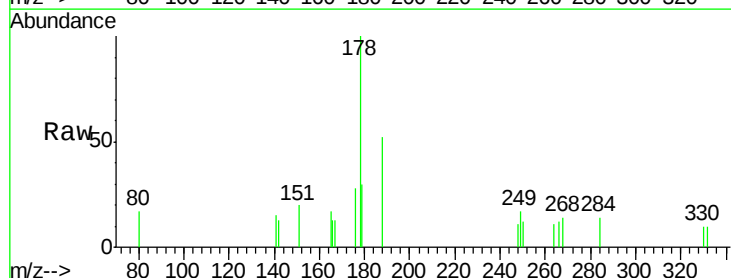
Tgt Ion:178 Resp: 719

Ion Ratio Lower Upper

178 100

176 22.0 15.3 22.9

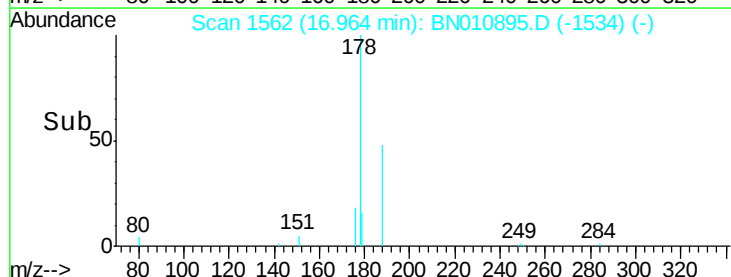
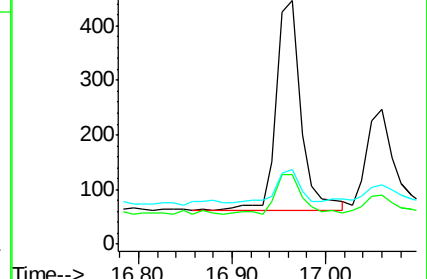
179 15.3 12.6 19.0

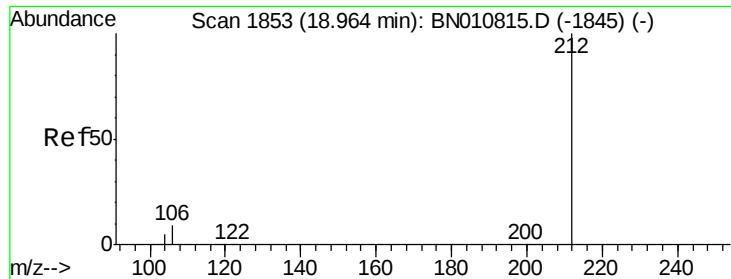


Abundance Ion 178.00 (177.70 to 178.70): E

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

Instrument :

BNA_N

ClientSampleId :

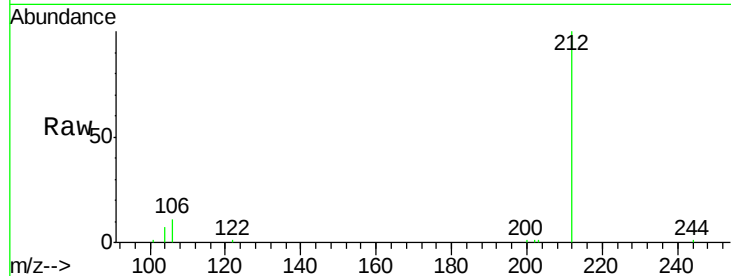
Tot Ion:212 Resp: 10813

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0

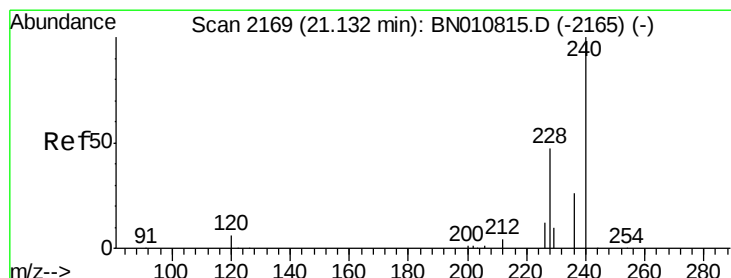
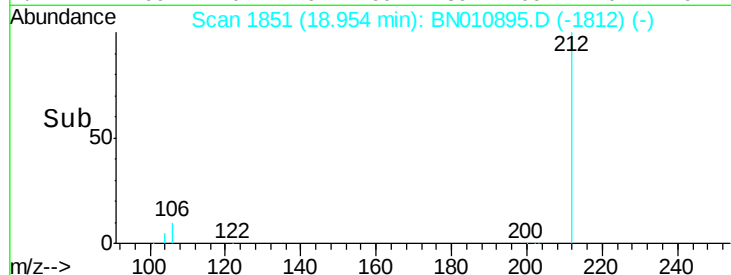
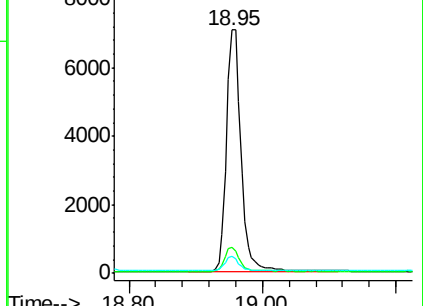
104 5.7 4.0 6.0



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

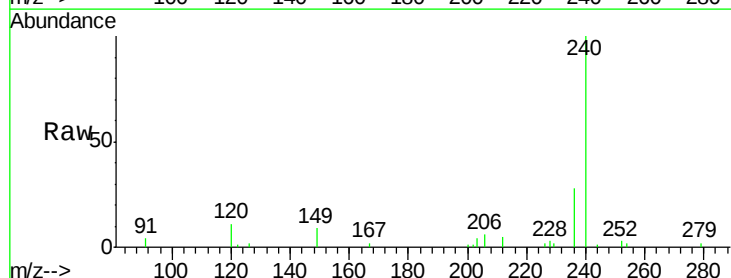
Tgt Ion:240 Resp: 8895

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

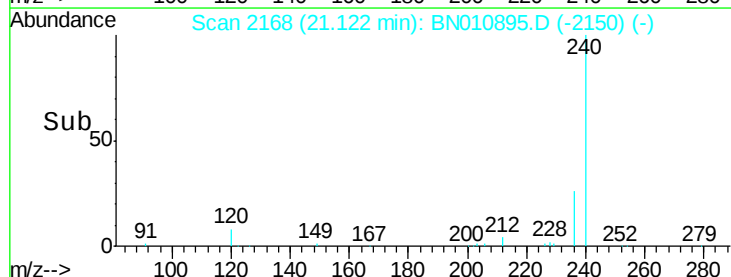
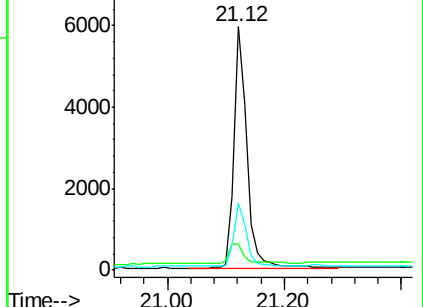
236 27.6 22.3 33.5

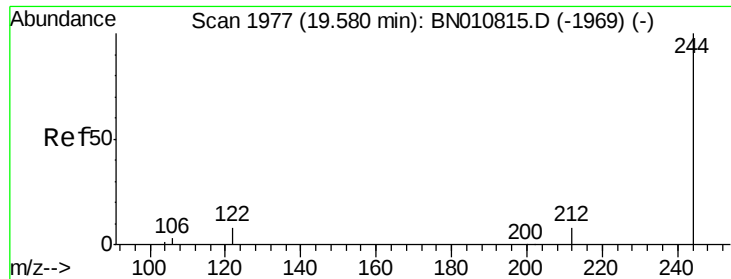


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_N

ClientSampleId :

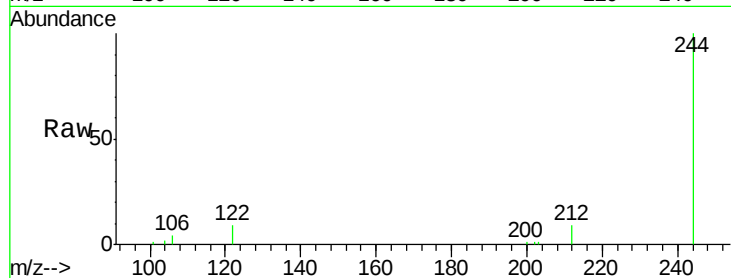
Tot Ion:244 Resp: 10766

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

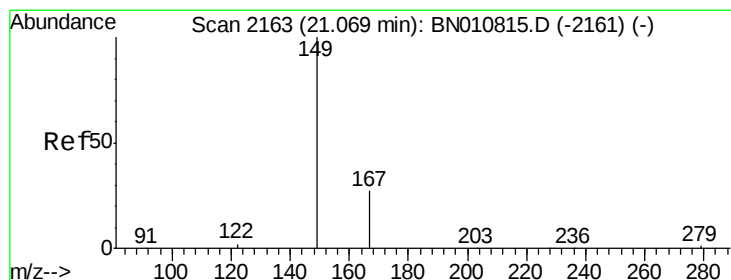
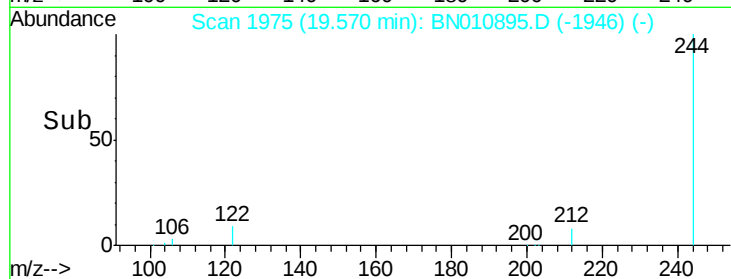
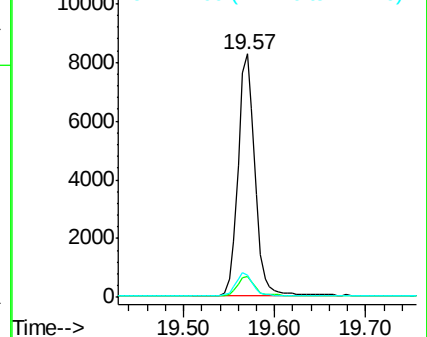
122 9.4 7.5 11.3



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

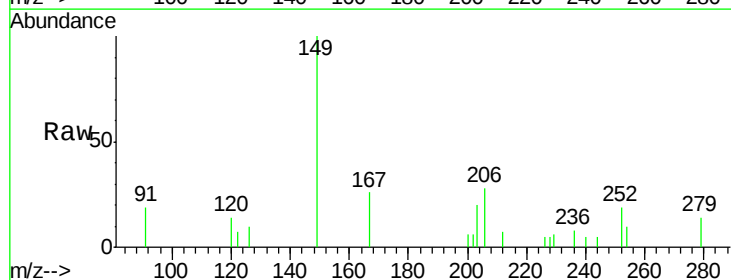
Tgt Ion:149 Resp: 899

Ion Ratio Lower Upper

149 100

167 24.5 24.1 36.1

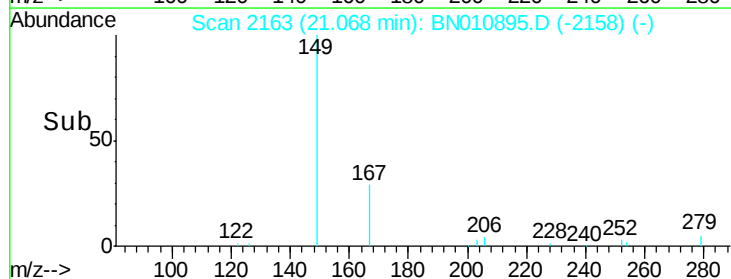
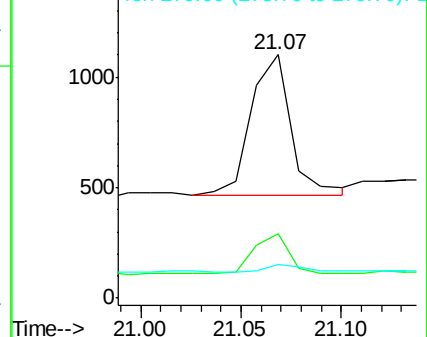
279 5.6 4.6 7.0

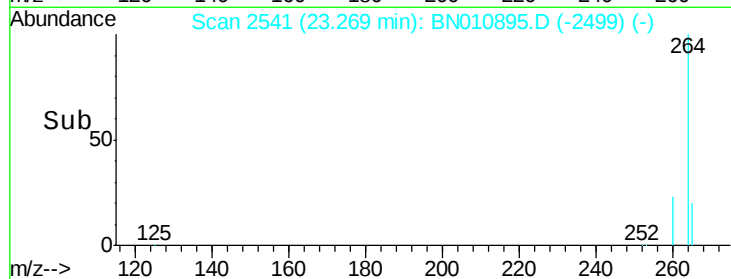
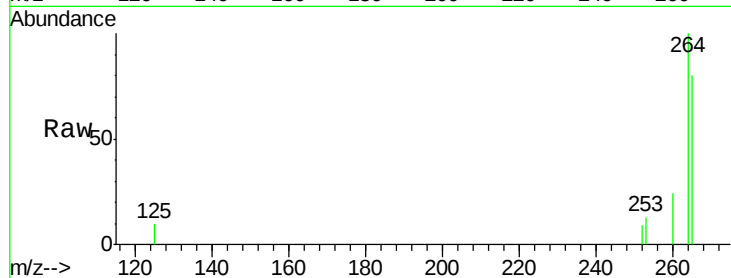
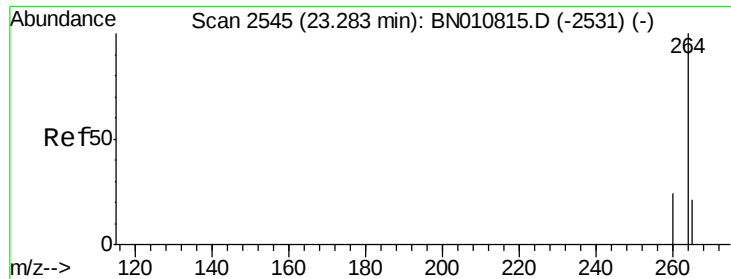


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-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

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 264 Resp: 9148

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 79.5 75.0 112.4

