

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010890.D
 Acq On : 16 Jun 2020 04:24
 Operator : CG/JU
 Sample : L2989-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 05:39:09 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

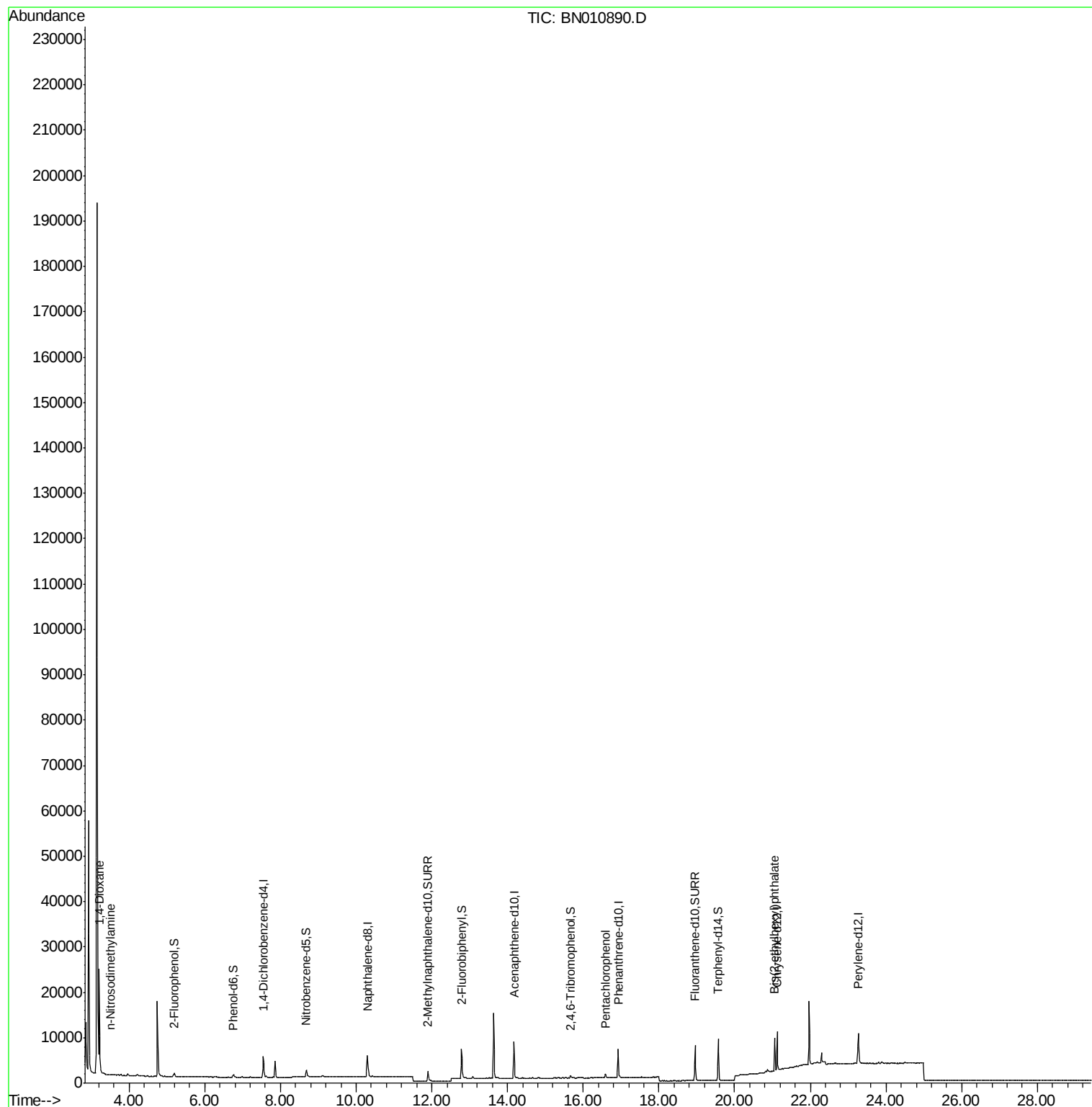
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2510	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8704	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4800	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9690	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8887	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9087	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	703	0.15	ng	0.00
5) Phenol-d6	6.74	99	483	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2080	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	3731	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	540	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6687	0.35	ng	0.00
25) Fluoranthene-d10	18.95	212	9959	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	10161	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	16997	6.913	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.51	42	41	0.029	ng	# 1
22) Pentachlorophenol	16.58	266	577	0.283	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	6962	0.799	ng	97

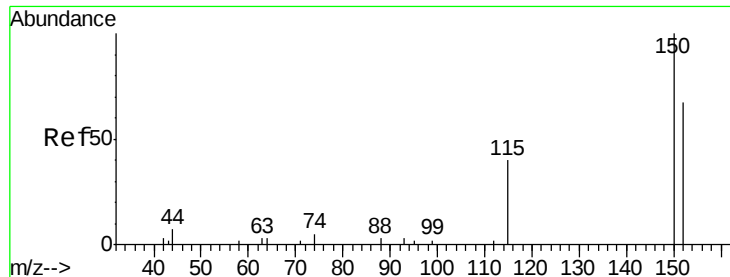
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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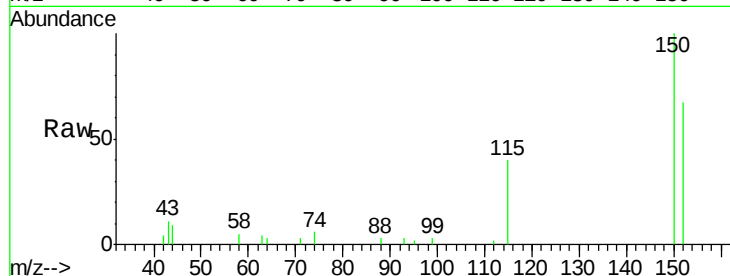




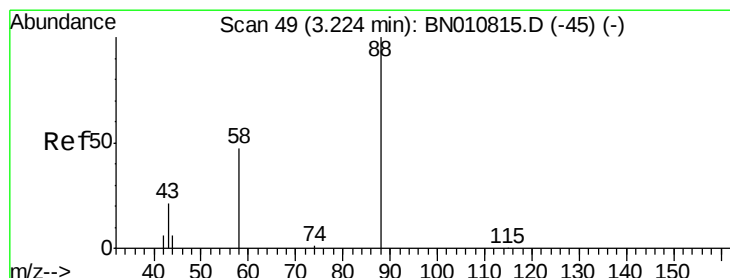
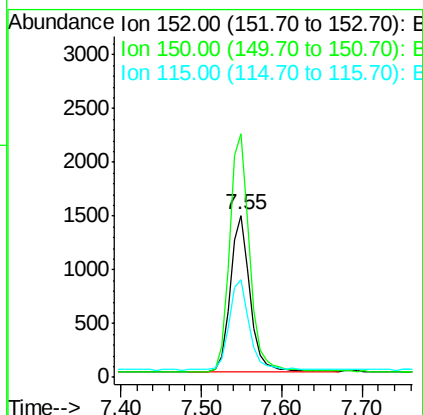
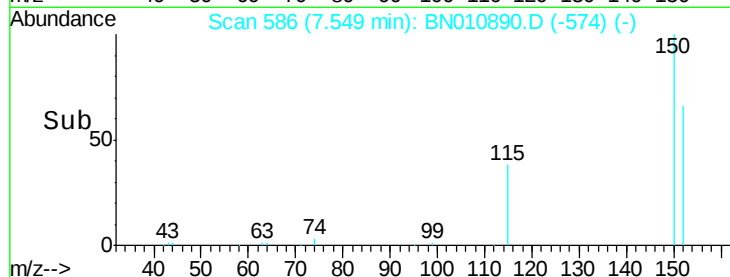
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Instrument :
BNA_N
ClientSampleId :



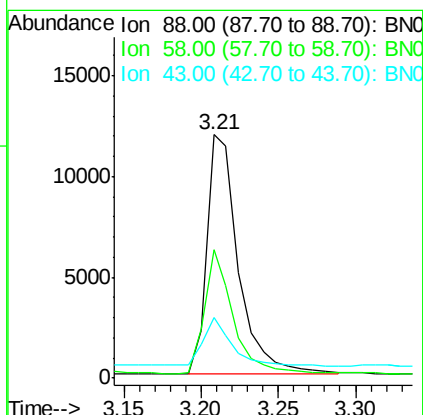
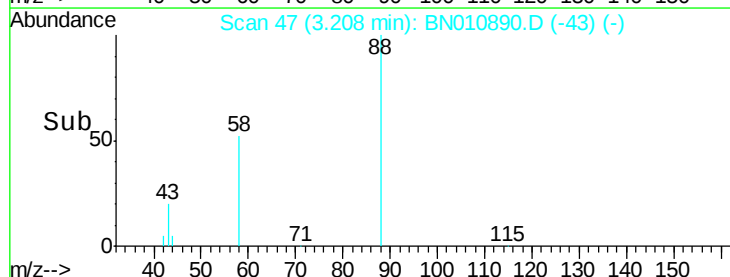
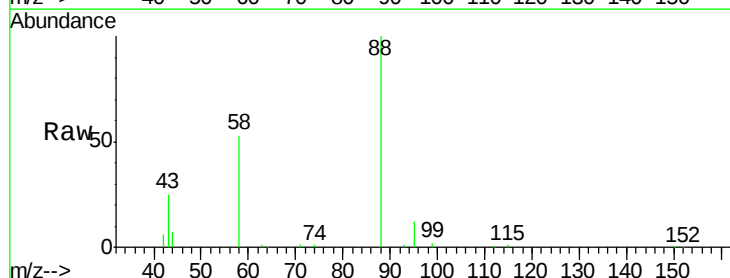
Tot Ion:152 Resp: 2510
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.6
115 60.5 49.2 73.8

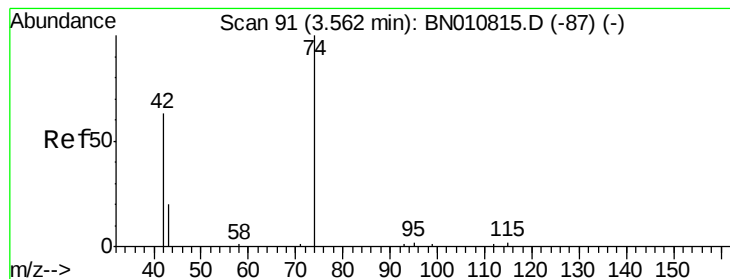


#2

1,4-Dioxane
Concen: 6.913 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Tgt Ion: 88 Resp: 16997
Ion Ratio Lower Upper
88 100
58 45.0 38.2 57.4
43 18.0 15.1 22.7





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.03 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampled :

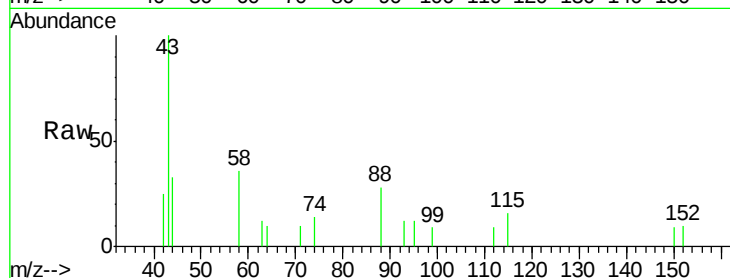
Tot Ion: 42 Resp: 41

Ion Ratio Lower Upper

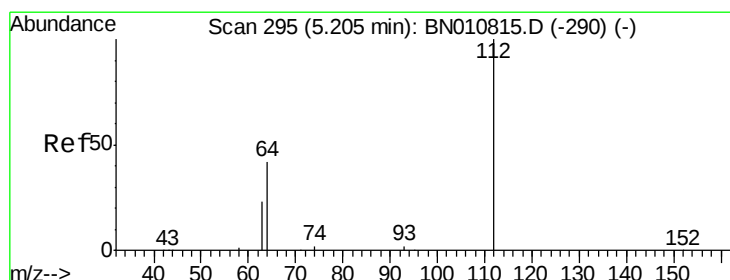
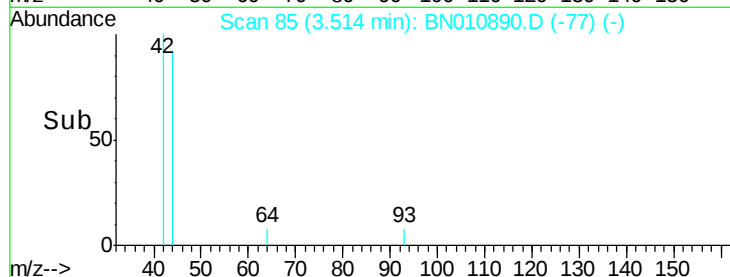
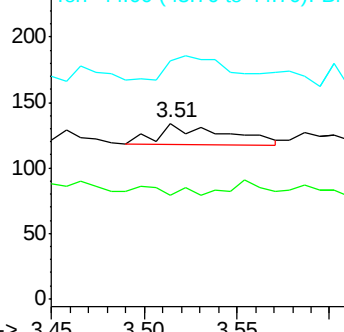
42 100

74 0.0 140.7 211.1#

44 92.7 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: 0.145 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

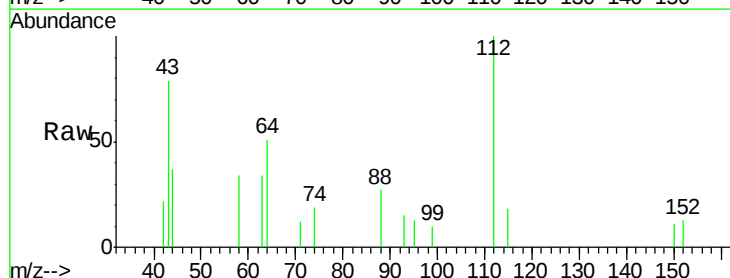
Tgt Ion: 112 Resp: 703

Ion Ratio Lower Upper

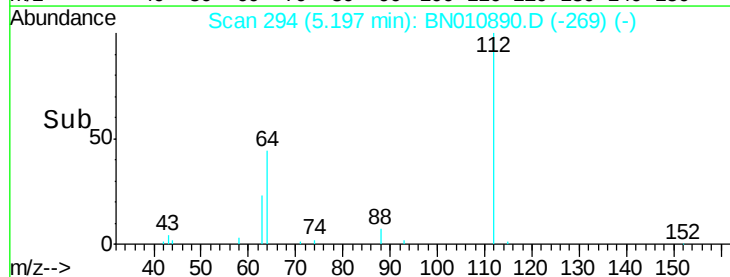
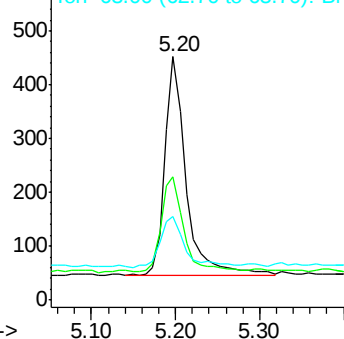
112 100

64 45.8 37.4 56.0

63 27.9 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: 0.085 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

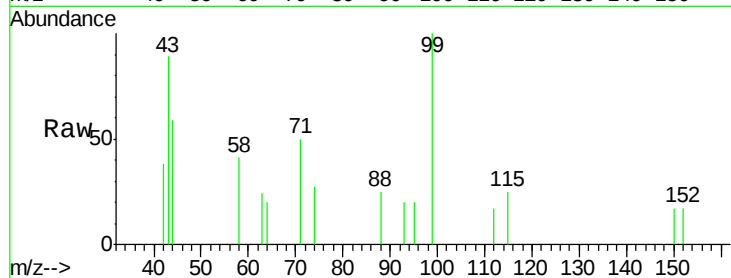
Tot Ion: 99 Resp: 483

Ion Ratio Lower Upper

99 100

42 23.2 11.1 16.7#

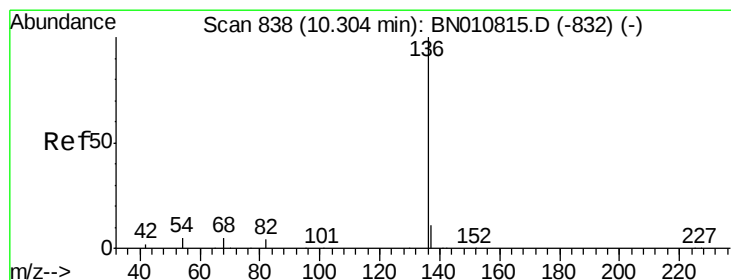
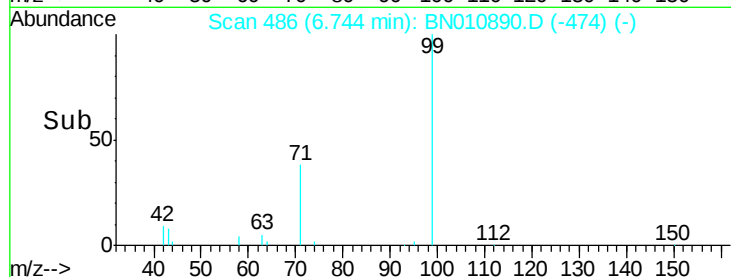
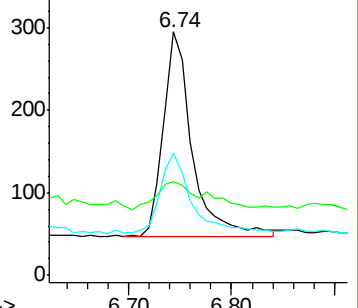
71 44.7 31.4 47.2



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Tgt Ion: 136 Resp: 8704

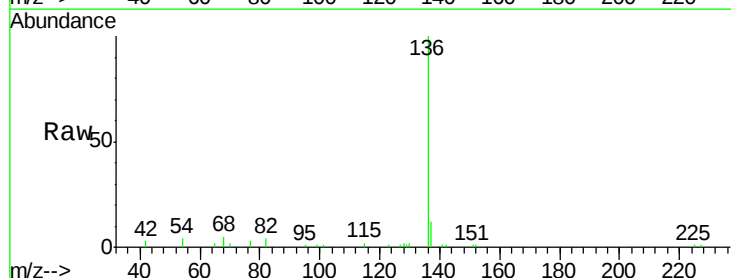
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 4.1 4.9 7.3#

68 4.8 4.7 7.1

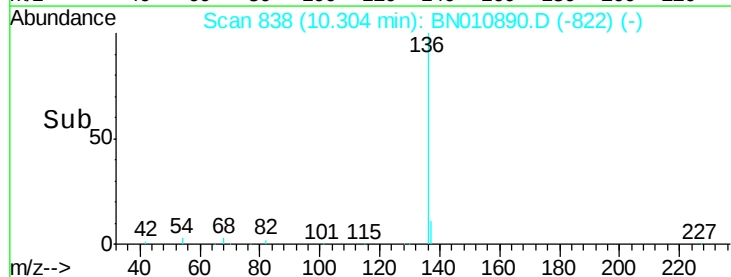
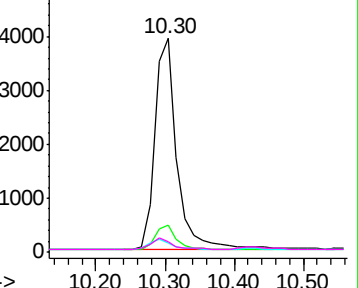


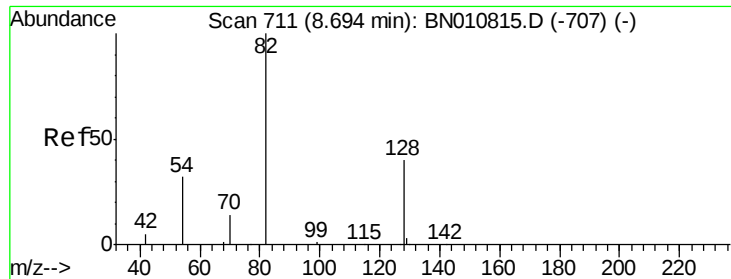
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

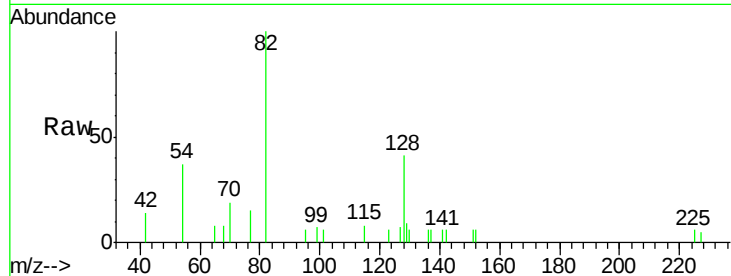
Tot Ion: 82 Resp: 2080

Ion Ratio Lower Upper

82 100

128 41.2 35.4 53.0

54 37.4 28.2 42.4

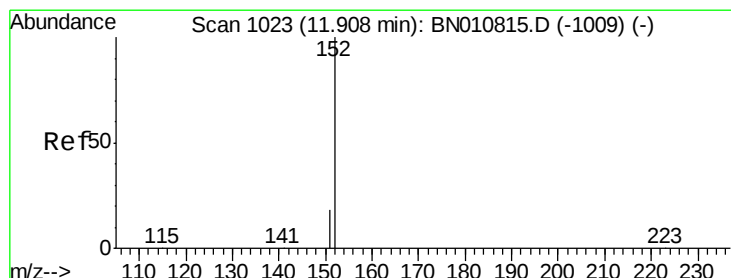
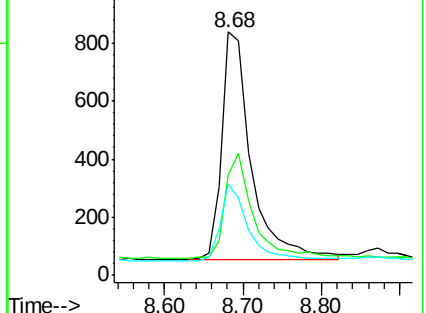
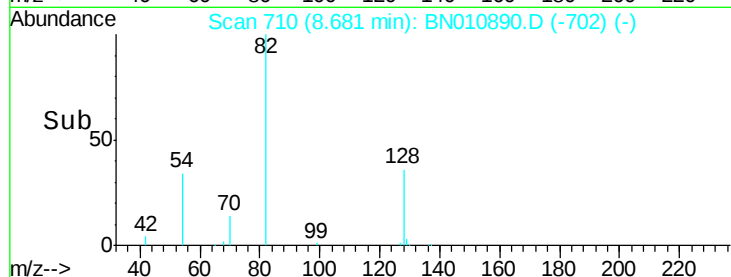


Abundance Ion 82.00 (81.70 to 82.70): BN010890.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN010890.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN010890.D (-702) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BN010890.D

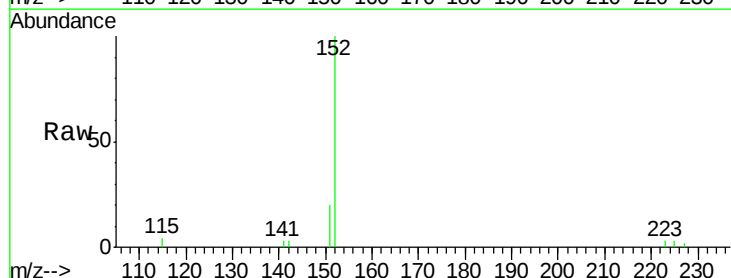
Acq: 16 Jun 2020 04:24

Tgt Ion: 152 Resp: 3731

Ion Ratio Lower Upper

152 100

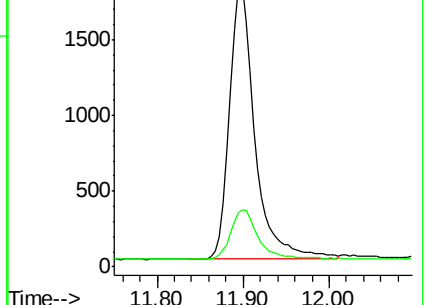
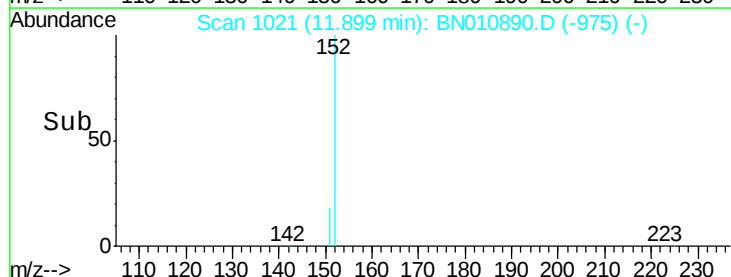
151 19.7 15.3 22.9

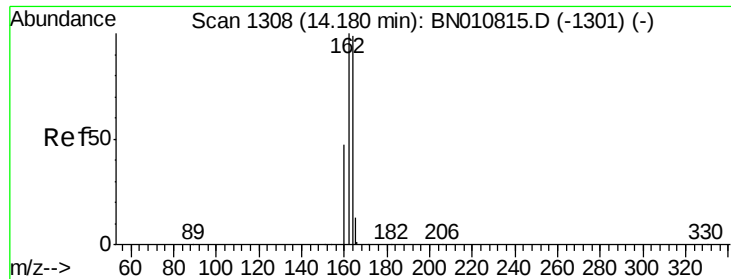


Abundance Ion 152.00 (151.70 to 152.70): BN010890.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010890.D (-975) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

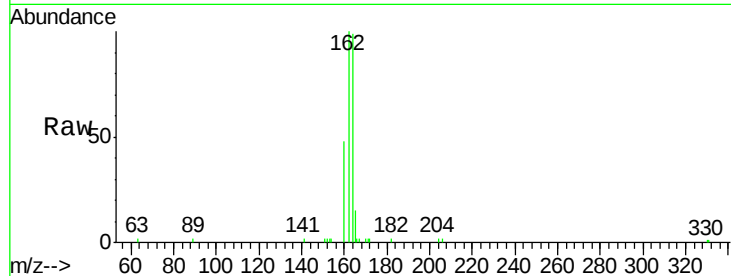
Tot Ion:164 Resp: 4800

Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

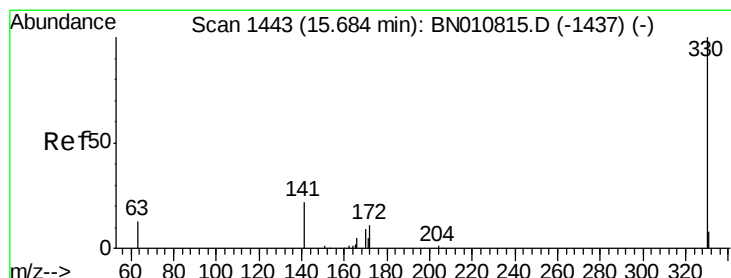
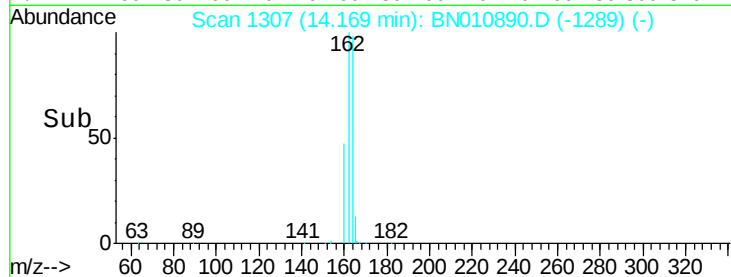
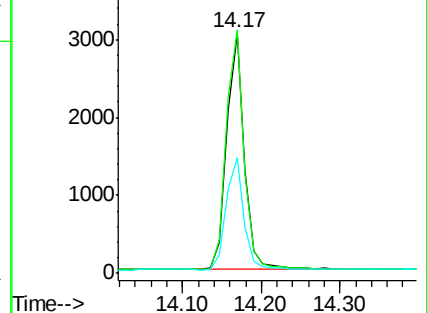
160 48.2 38.9 58.3



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: 0.315 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

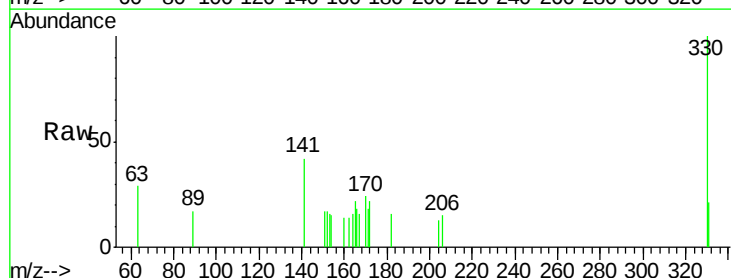
Tgt Ion:330 Resp: 540

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

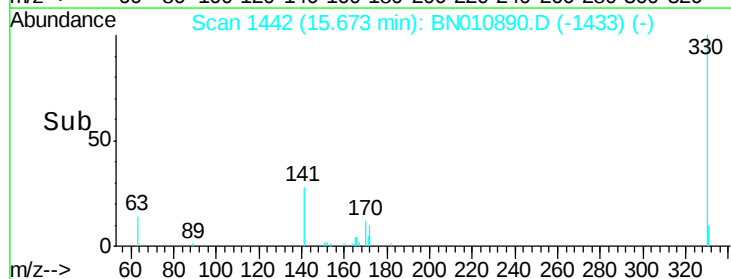
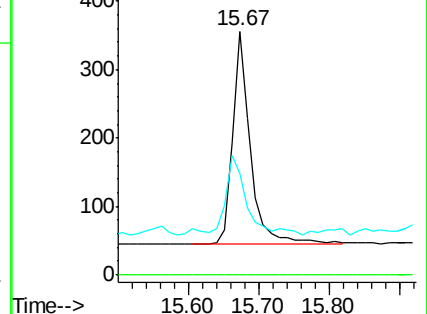
141 43.0 33.2 49.8

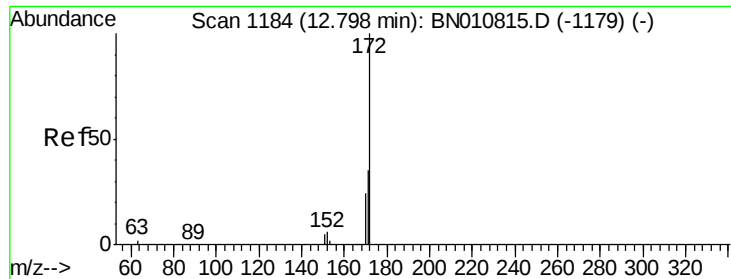


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

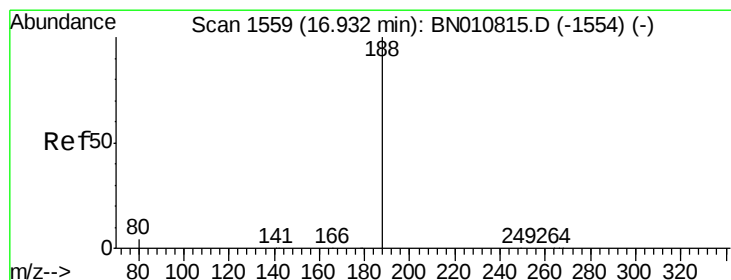
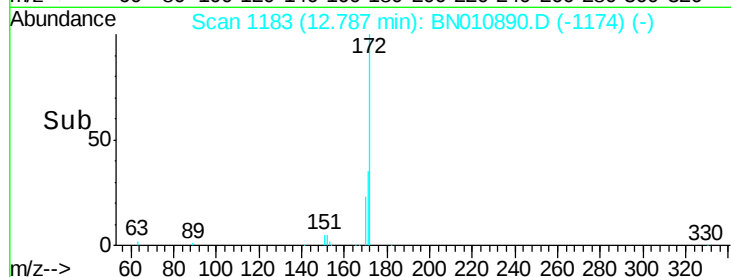
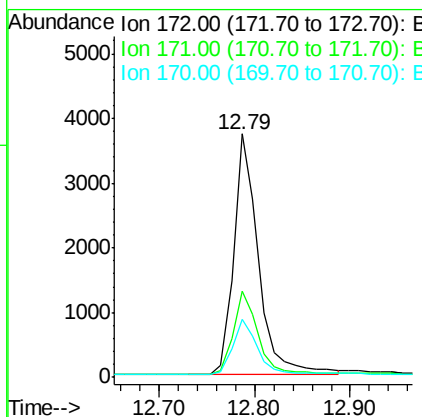
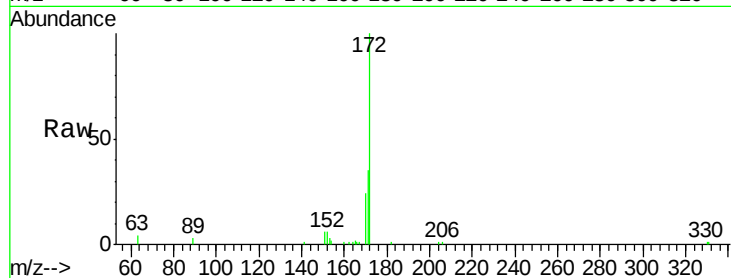




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

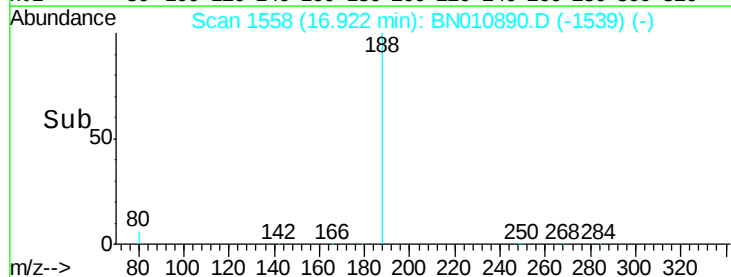
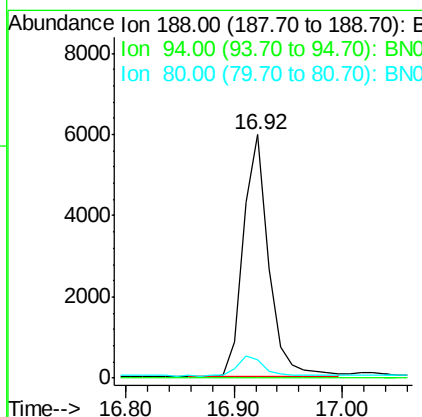
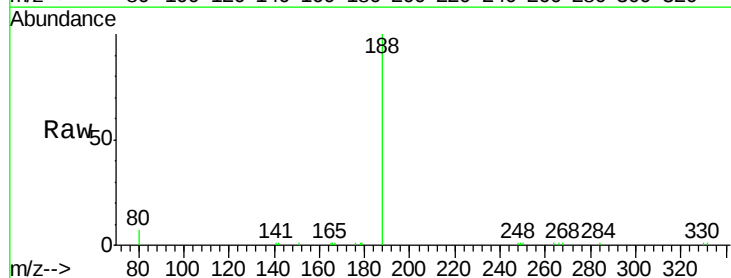
Instrument :
BNA_N
ClientSampleId :

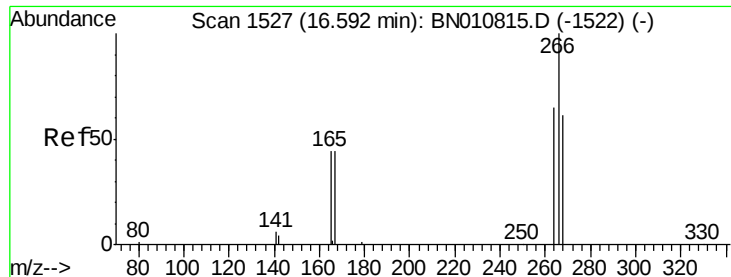
Tot Ion:172 Resp: 6687
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010890.D
Acq: 16 Jun 2020 04:24

Tgt Ion:188 Resp: 9690
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.5 6.7#

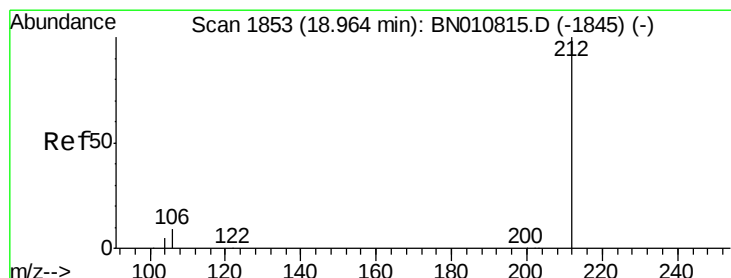
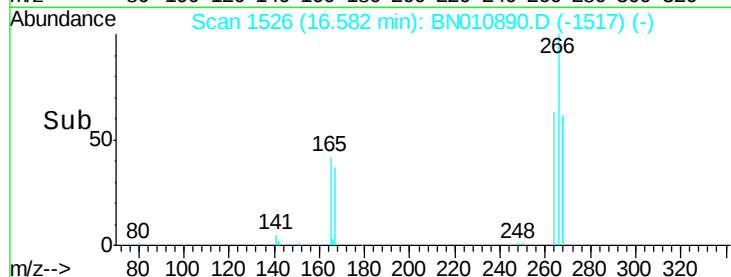
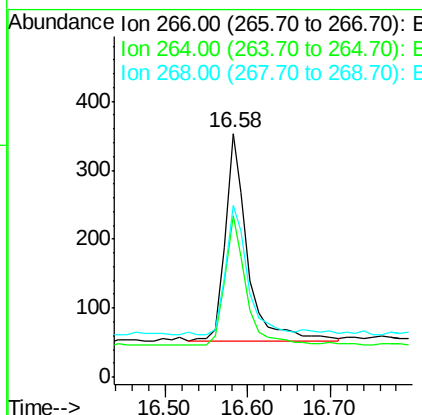
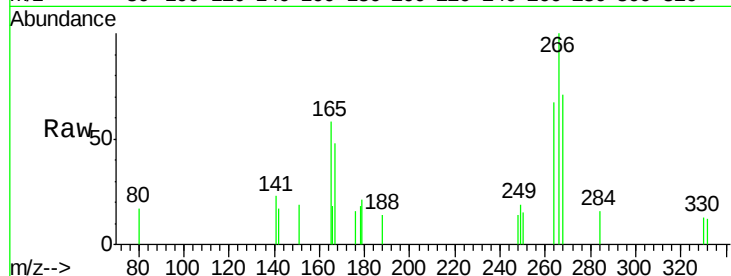




#22
 Pentachlorophenol
 Concen: 0.283 ng
 RT: 16.58 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

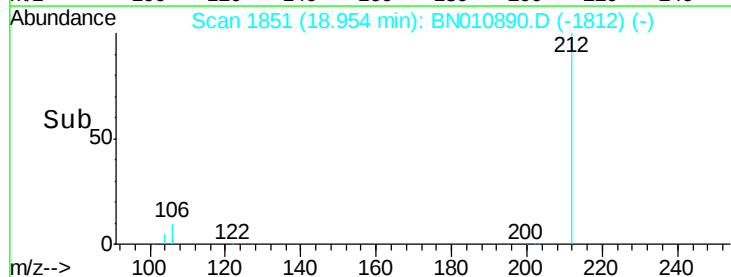
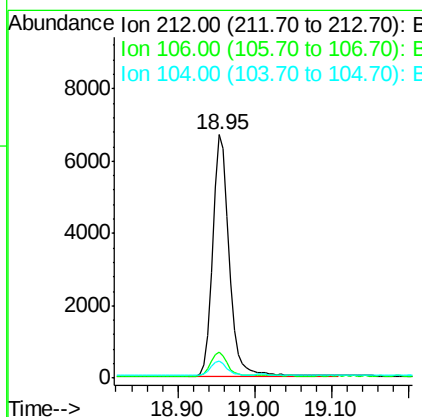
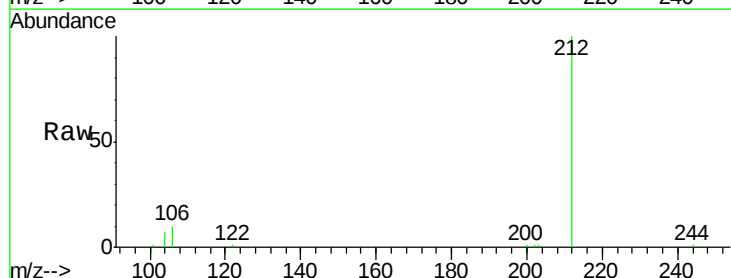
Instrument :
 BNA_N
 ClientSampleId :

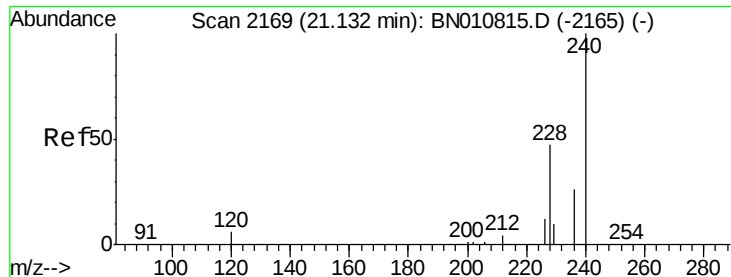
Tot Ion:266 Resp: 577
 Ion Ratio Lower Upper
 266 100
 264 66.6 54.8 82.2
 268 70.5 55.9 83.9



#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

Tgt Ion:212 Resp: 9959
 Ion Ratio Lower Upper
 212 100
 106 10.0 6.6 10.0#
 104 5.7 4.0 6.0

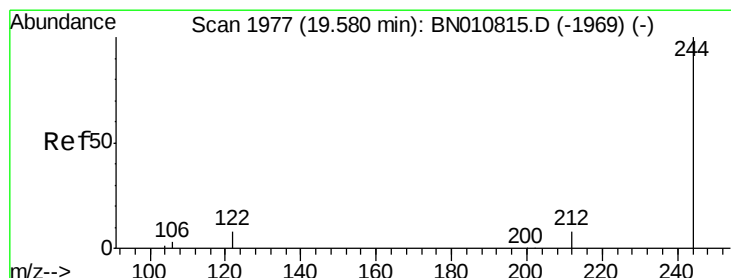
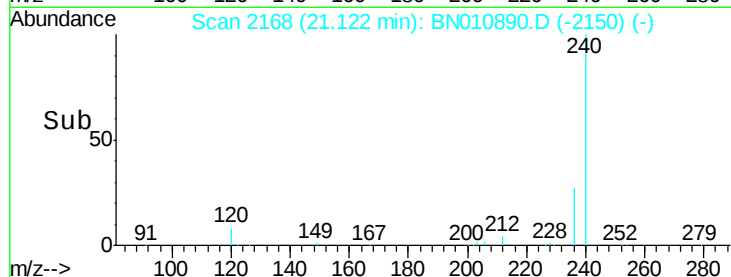
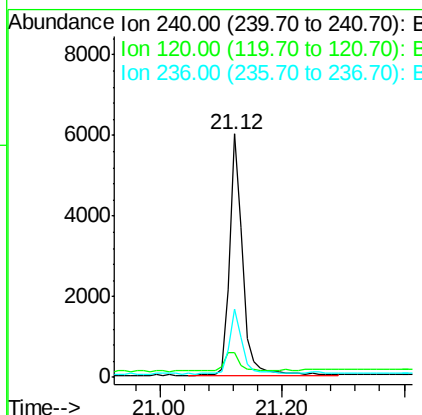
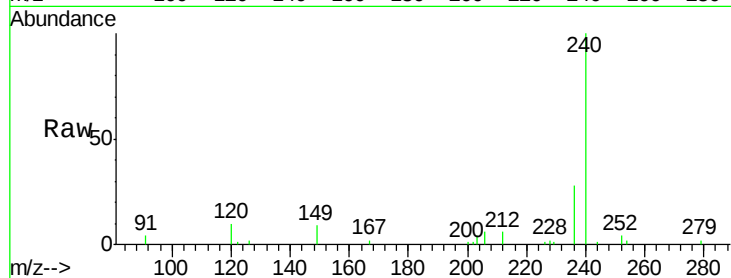




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

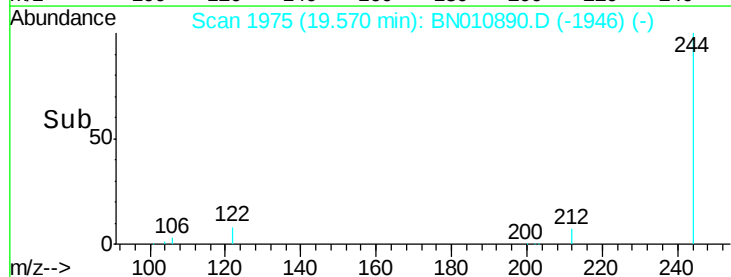
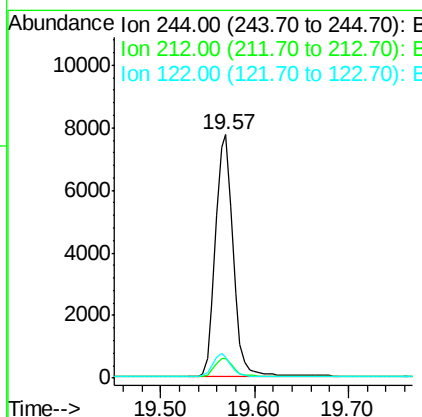
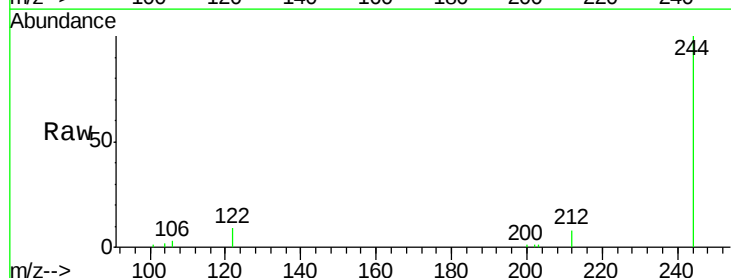
Instrument :
 BNA_N
 ClientSampleId :

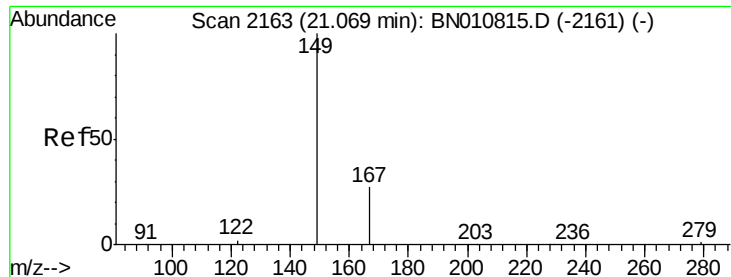
Tot Ion:240 Resp: 8887
 Ion Ratio Lower Upper
 240 100
 120 10.4 7.5 11.3
 236 28.2 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.488 ng
 RT: 19.57 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BN010890.D
 Acq: 16 Jun 2020 04:24

Tgt Ion:244 Resp: 10161
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 8.6 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.799 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010890.D

Acq: 16 Jun 2020 04:24

Instrument :

BNA_N

ClientSampleId :

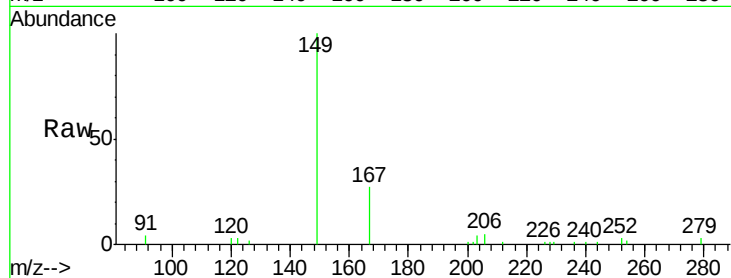
Tot Ion:149 Resp: 6962

Ion Ratio Lower Upper

149 100

167 28.2 24.1 36.1

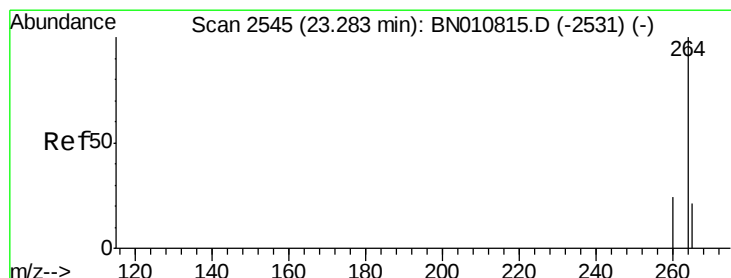
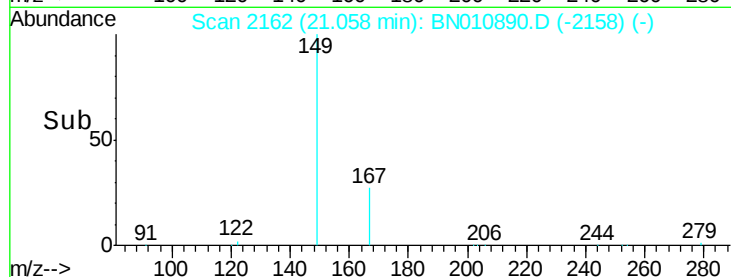
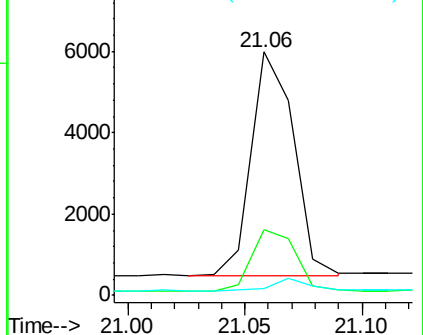
279 4.8 4.6 7.0



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: BN010890.D

Acq: 16 Jun 2020 04:24

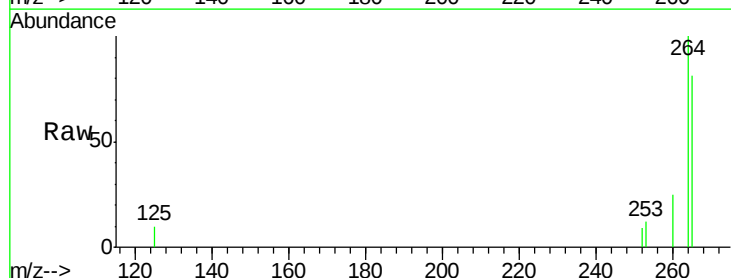
Tgt Ion:264 Resp: 9087

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 80.9 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

