

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010885.D
 Acq On : 16 Jun 2020 01:25
 Operator : CG/JU
 Sample : PB129516BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 03:22:36 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

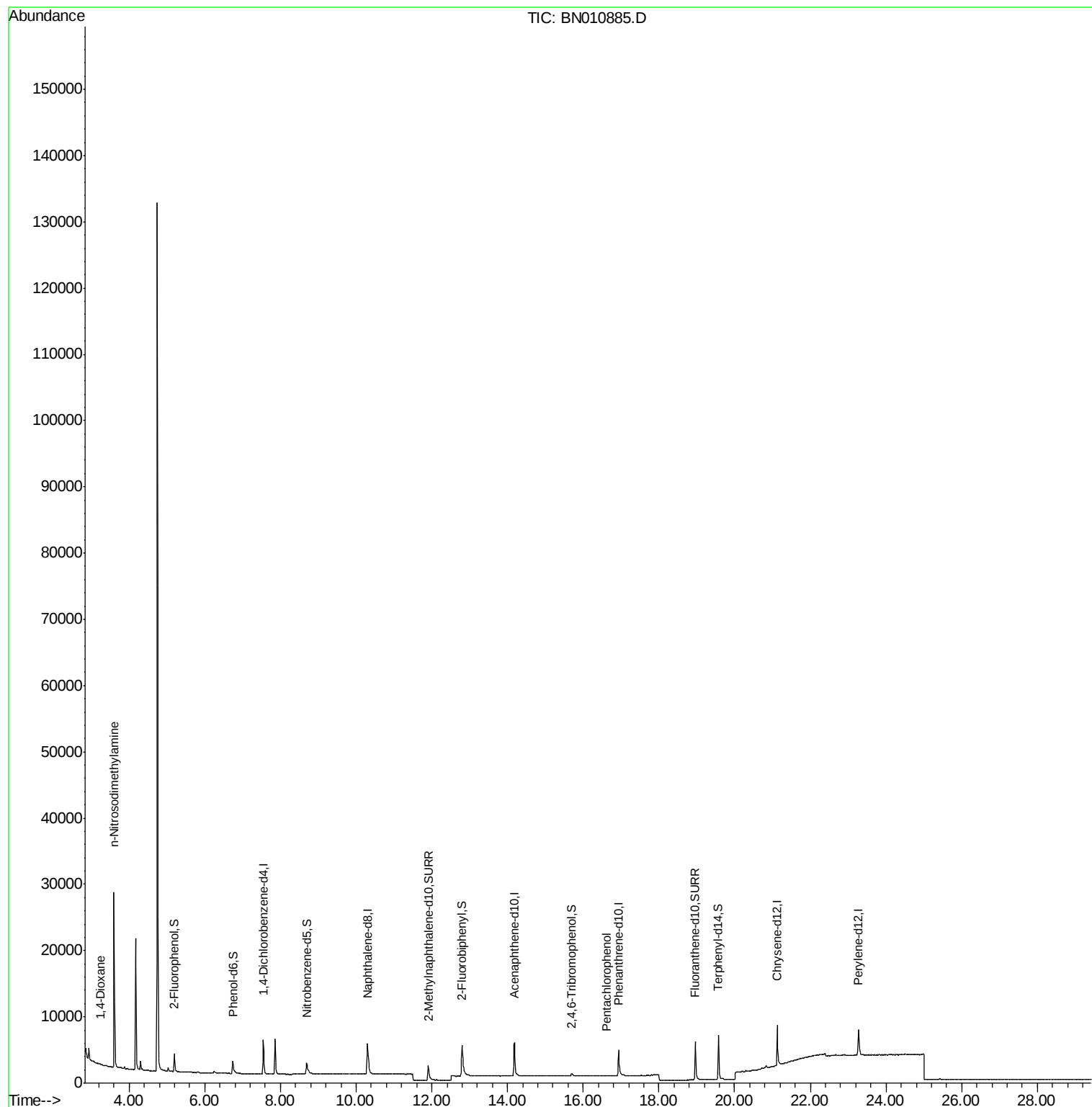
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2836	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9353	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4599	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	9030	0.40	ng	0.01
27) Chrysene-d12	21.13	240	7947	0.40	ng	0.00
34) Perylene-d12	23.28	264	5877	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2553	0.47	ng	0.00
5) Phenol-d6	6.75	99	2562	0.40	ng	0.00
8) Nitrobenzene-d5	8.69	82	2824	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.91	152	5131	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	555	0.34	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	7719	0.43	ng	0.01
25) Fluoranthene-d10	18.96	212	8971	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	8530	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	59	0.021	ng	# 31
3) n-Nitrosodimethylamine	3.60	42	1340	0.830	ng	# 1
22) Pentachlorophenol	16.61	266	43	0.023	ng	# 68

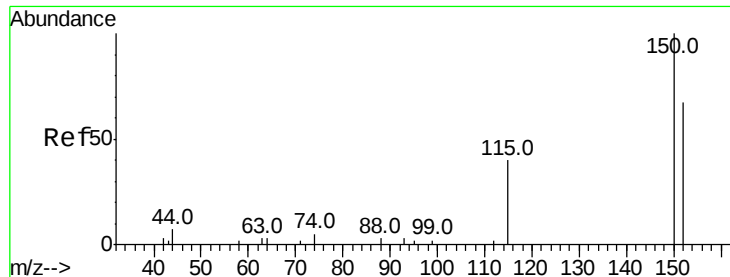
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010885.D
Acq On : 16 Jun 2020 01:25
Operator : CG/JU
Sample : PB129516BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 16 03:22:36 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



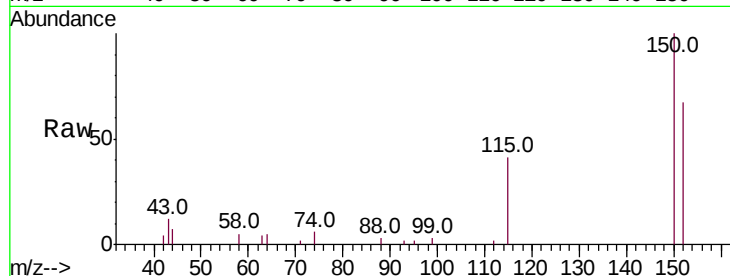


#1

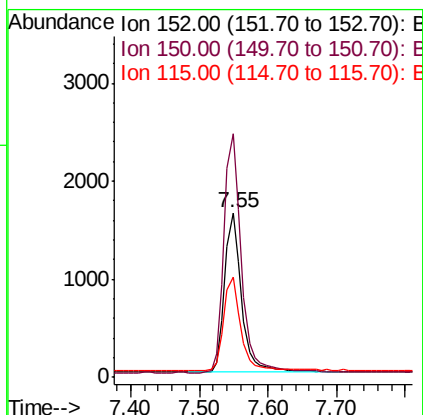
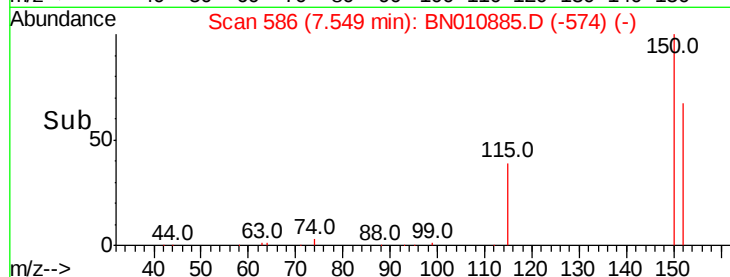
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2836
Ion Ratio Lower Upper
152 100
150 148.2 123.8 185.6
115 60.8 49.2 73.8



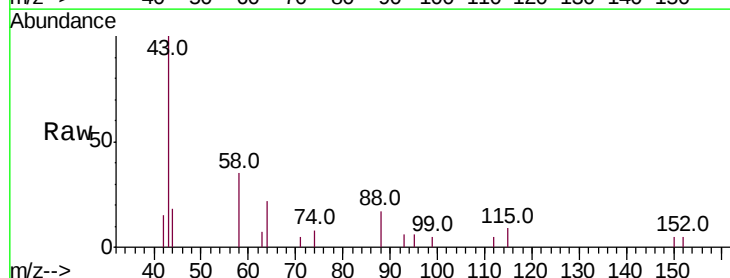
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



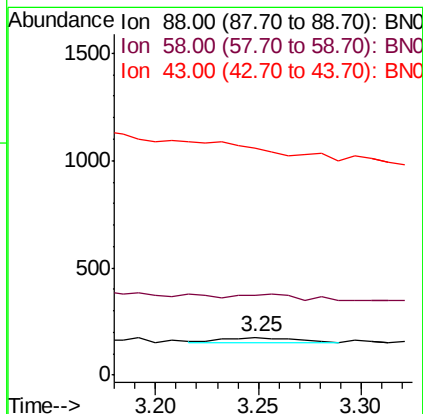
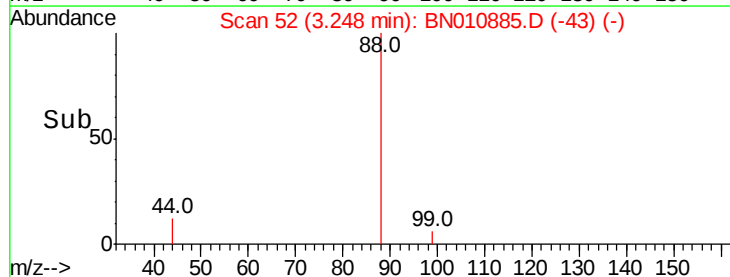
#2

1,4-Dioxane
Concen: 0.021 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.02 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 101.7 38.2 57.4#
43 0.0 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: 0.830 ng

RT: 3.60 min Scan# 96

Delta R.T. 0.06 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampleId :

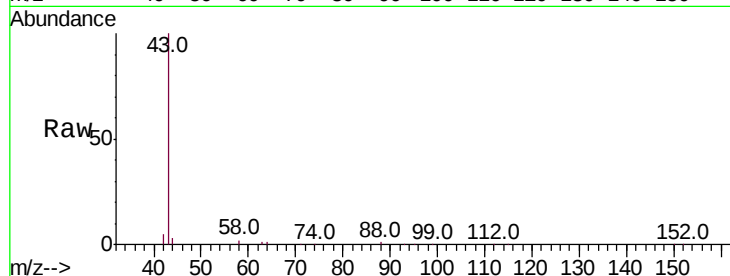
Tot Ion: 42 Resp: 1340

Ion Ratio Lower Upper

42 100

74 5.1 140.7 211.1#

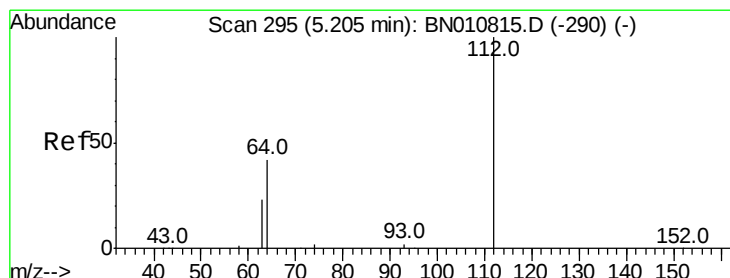
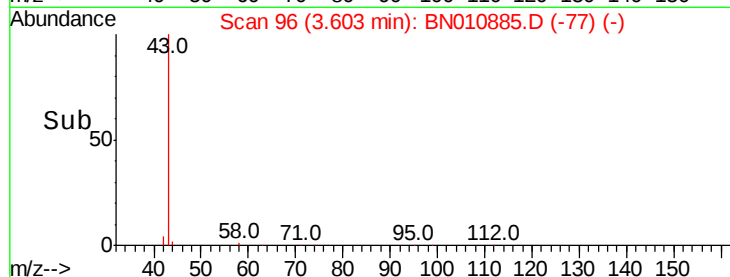
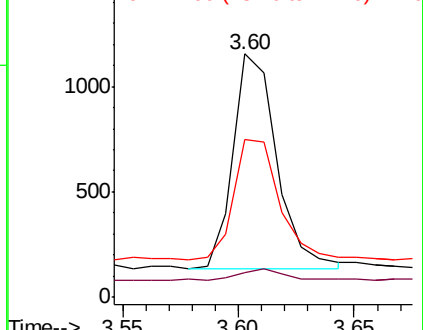
44 58.0 1.4 2.2#



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: 0.466 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

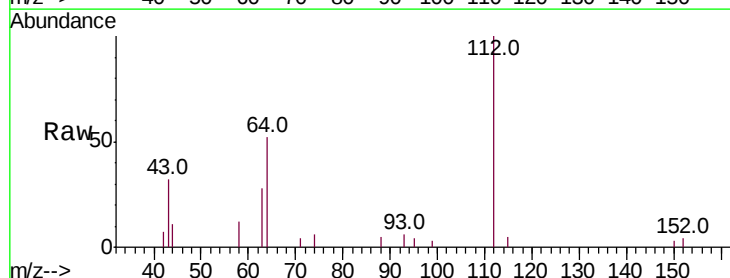
Tgt Ion: 112 Resp: 2553

Ion Ratio Lower Upper

112 100

64 44.6 37.4 56.0

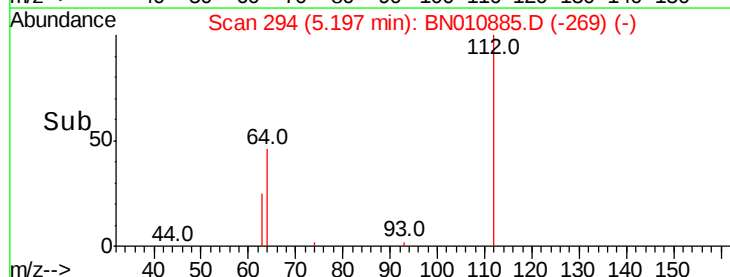
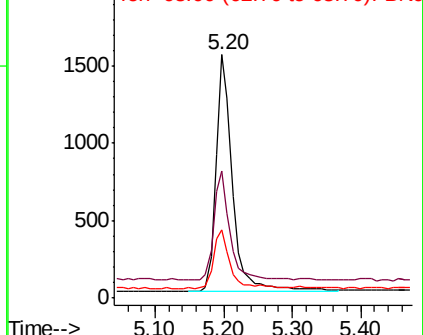
63 25.2 22.2 33.4

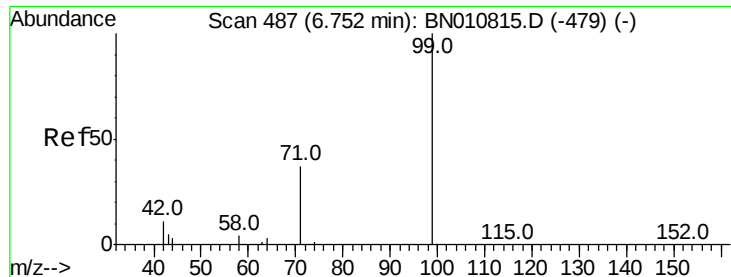


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.397 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampleId :

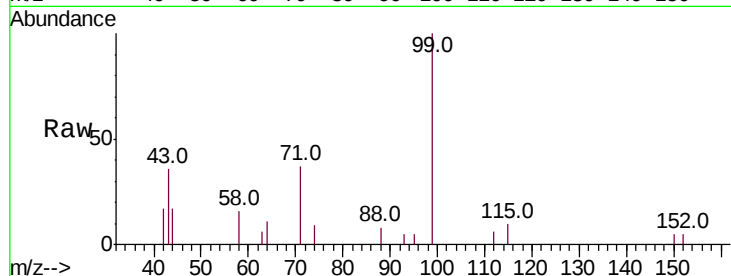
Tot Ion: 99 Resp: 2562

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

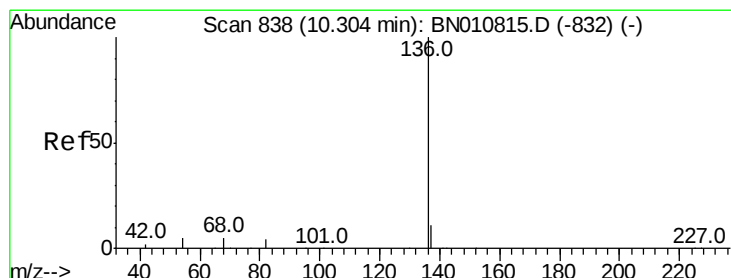
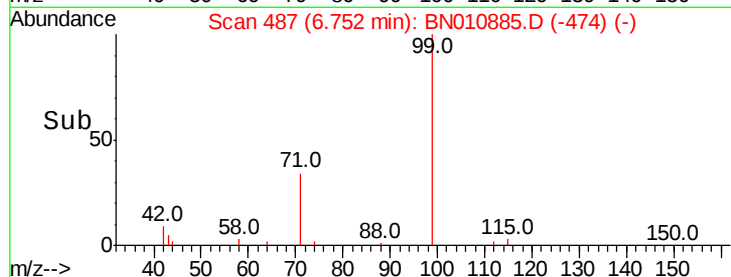
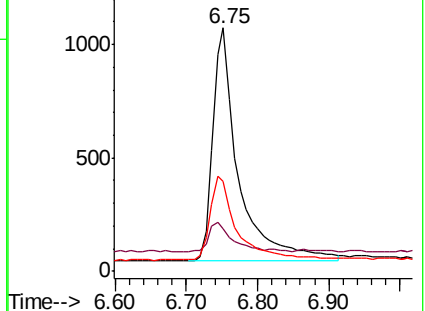
71 37.7 31.4 47.2



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: BN010885.D

Acq: 16 Jun 2020 01:25

Tgt Ion: 136 Resp: 9353

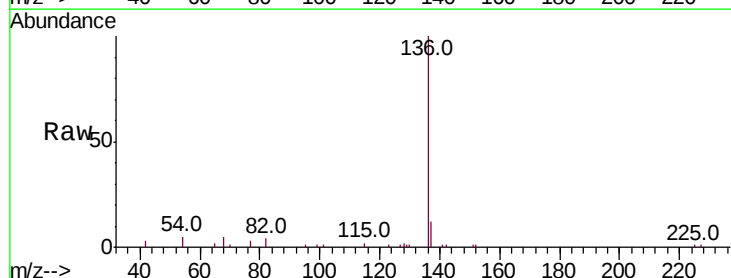
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 4.7 4.9 7.3#

68 5.2 4.7 7.1

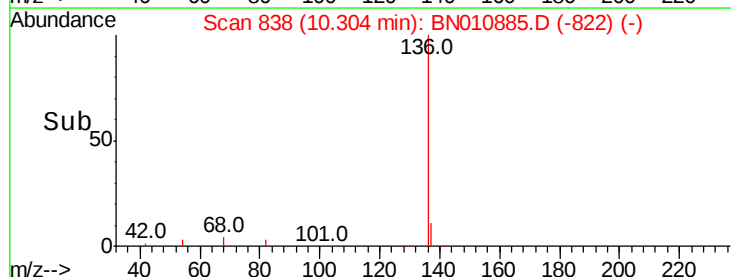
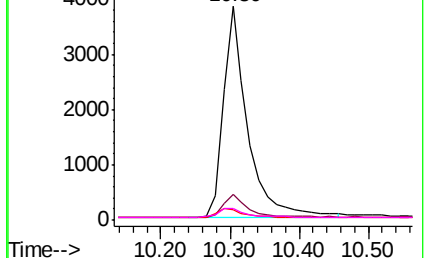


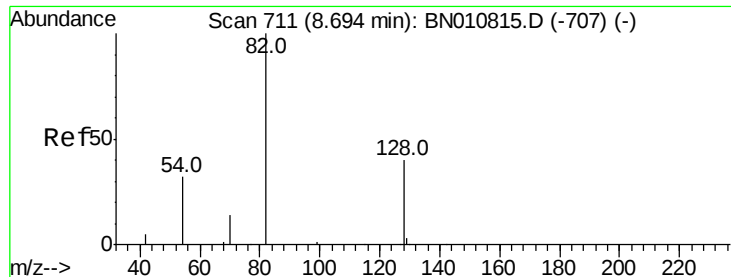
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

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: 0.408 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampleId :

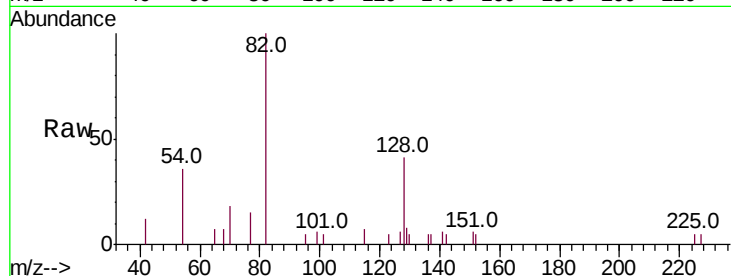
Tot Ion: 82 Resp: 2824

Ion Ratio Lower Upper

82 100

128 41.2 35.4 53.0

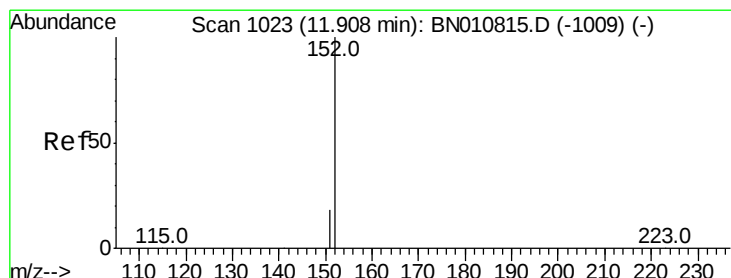
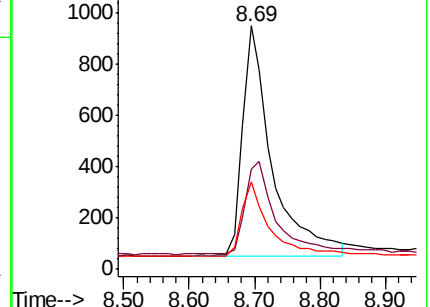
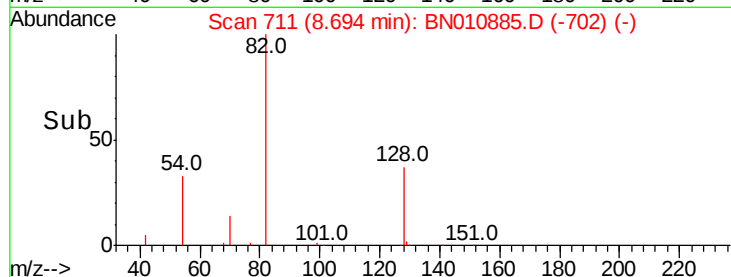
54 36.1 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010885.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN010885.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN010885.D (-702) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.91 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BN010885.D

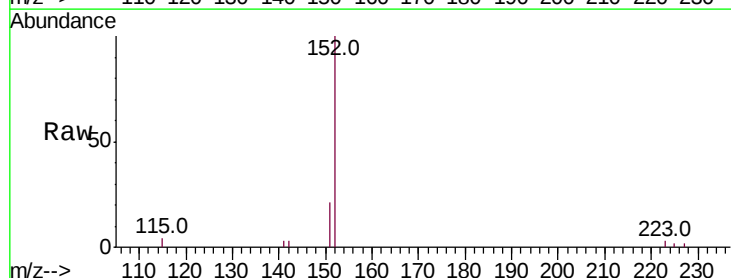
Acq: 16 Jun 2020 01:25

Tgt Ion: 152 Resp: 5131

Ion Ratio Lower Upper

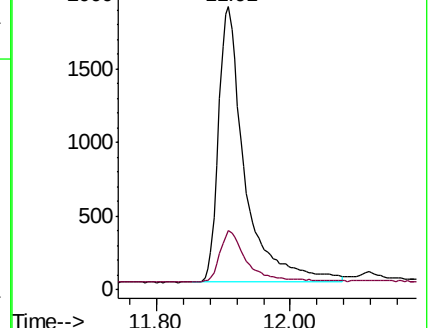
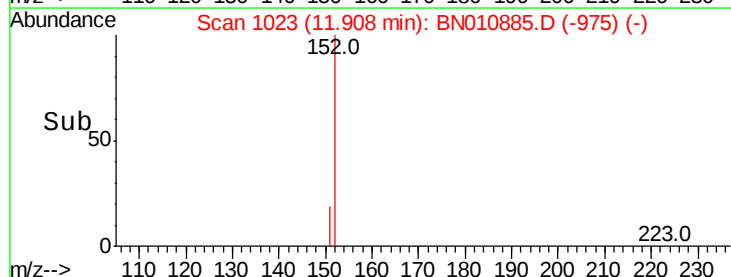
152 100

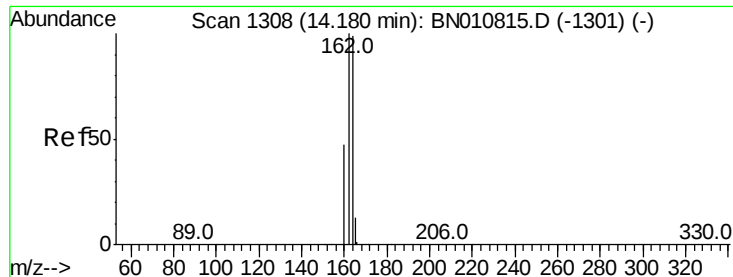
151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010885.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010885.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampled :

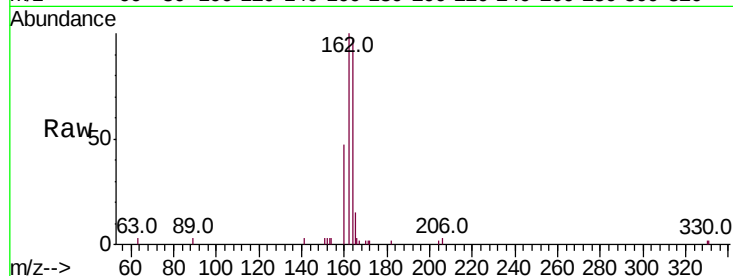
Tot Ion:164 Resp: 4599

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.6

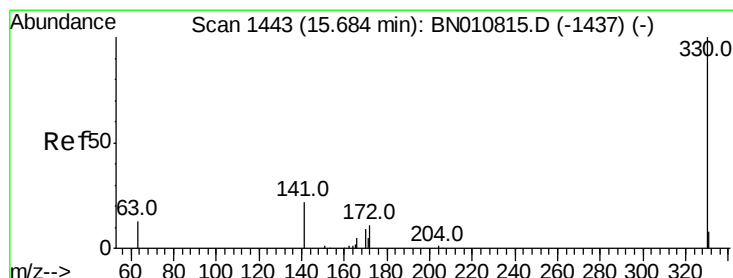
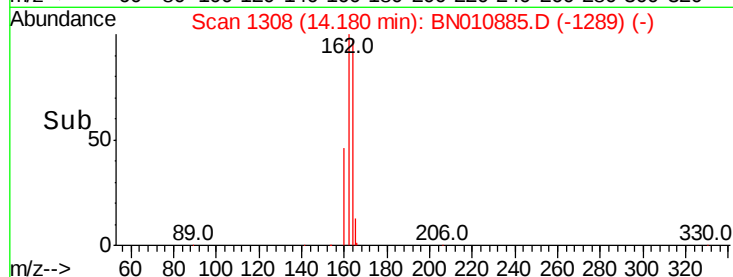
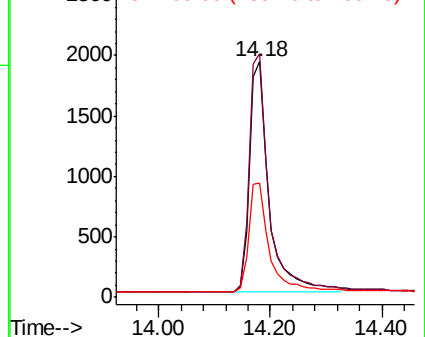
160 48.5 38.9 58.3



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: 0.337 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

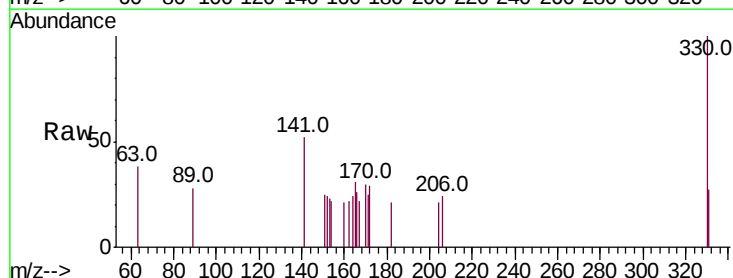
Tgt Ion:330 Resp: 555

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

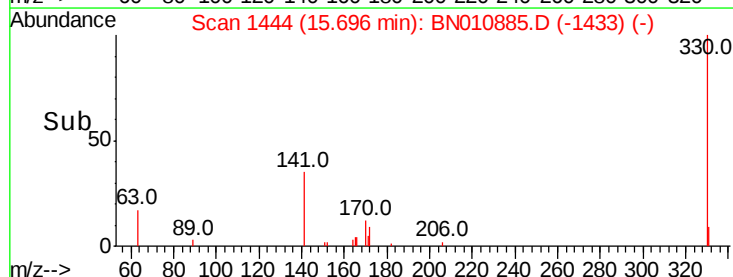
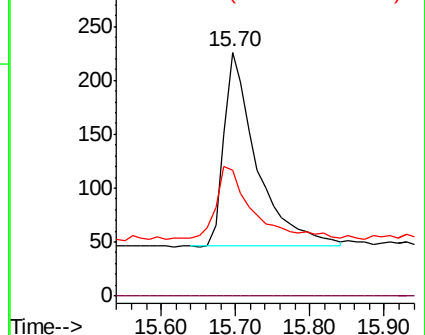
141 42.9 33.2 49.8

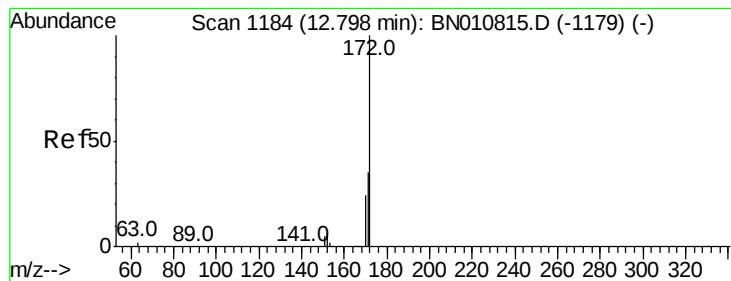


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

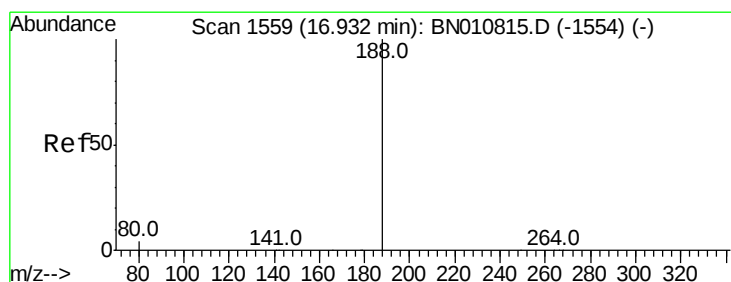
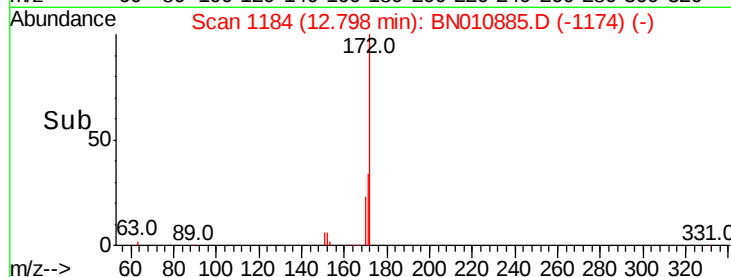
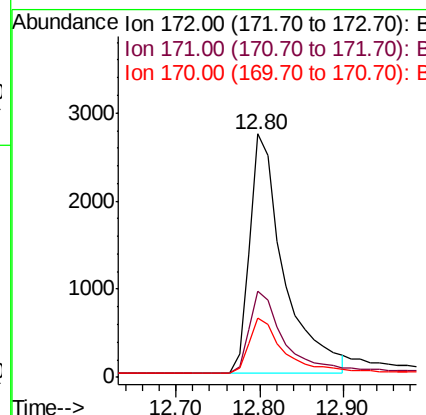
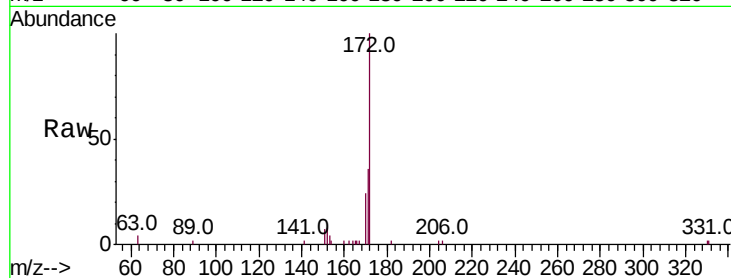




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

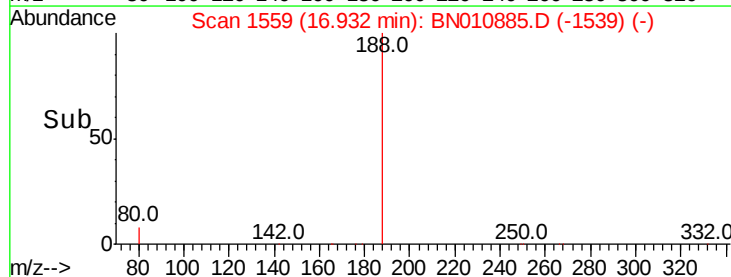
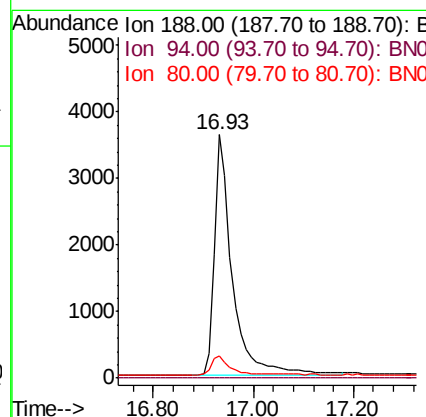
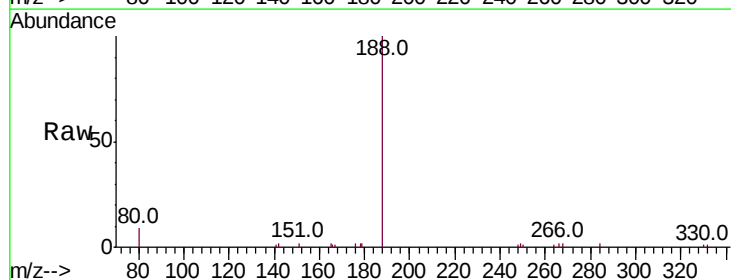
Instrument :
BNA_N
ClientSampleId :

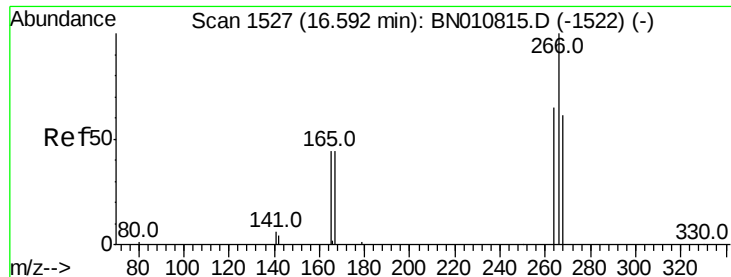
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.4	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	4.5	6.7

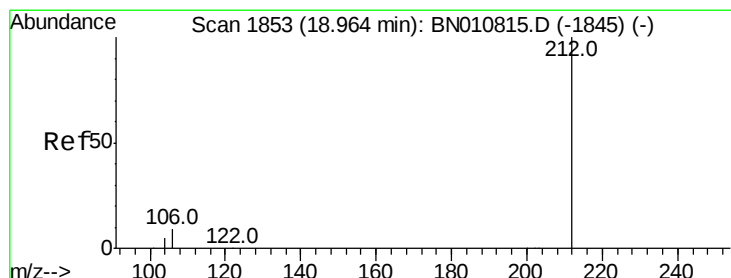
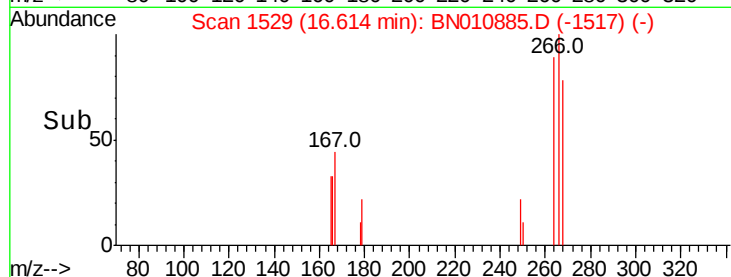
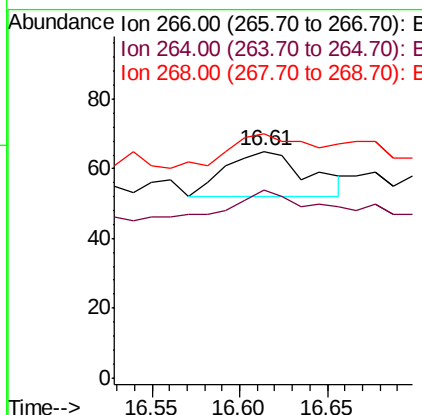
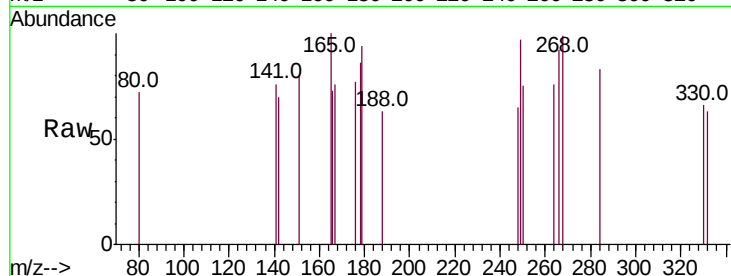




#22
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.61 min Scan# 1529
 Delta R.T. 0.03 min
 Lab File: BN010885.D
 Acq: 16 Jun 2020 01:25

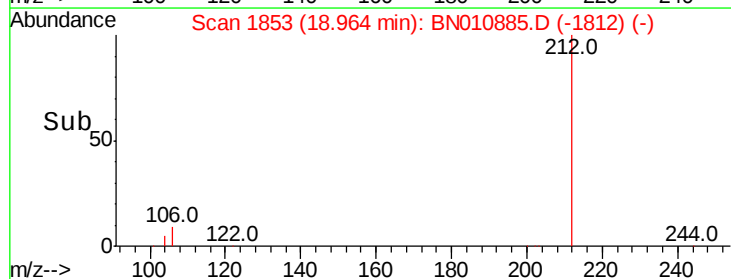
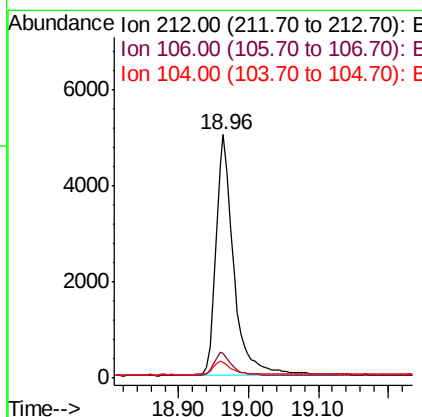
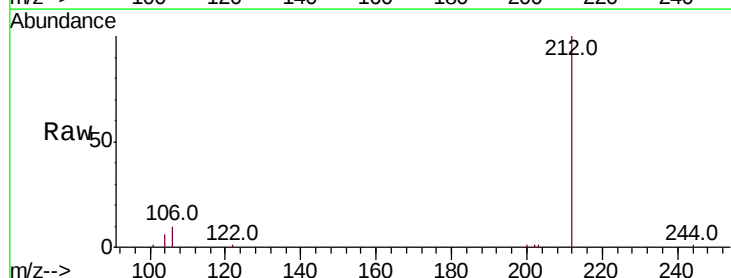
Instrument :
 BNA_N
 ClientSampleId :

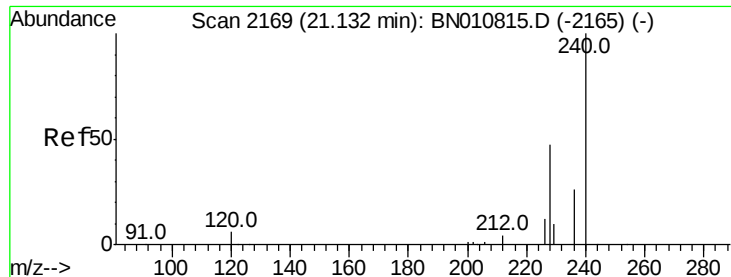
Tot Ion:266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 264 83.1 54.8 82.2#
 268 107.7 55.9 83.9#



#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 18.96 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BN010885.D
 Acq: 16 Jun 2020 01:25

Tgt Ion:212 Resp: 8971
 Ion Ratio Lower Upper
 212 100
 106 9.5 6.6 10.0
 104 6.1 4.0 6.0#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampleId :

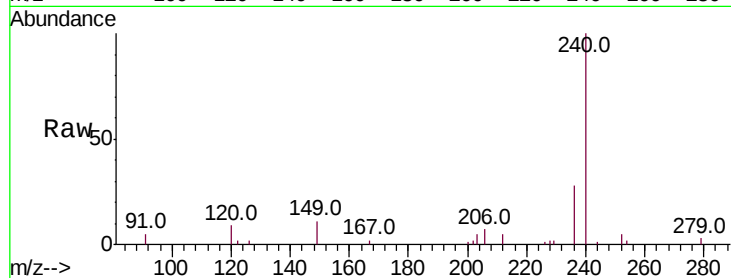
Tot Ion:240 Resp: 7947

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

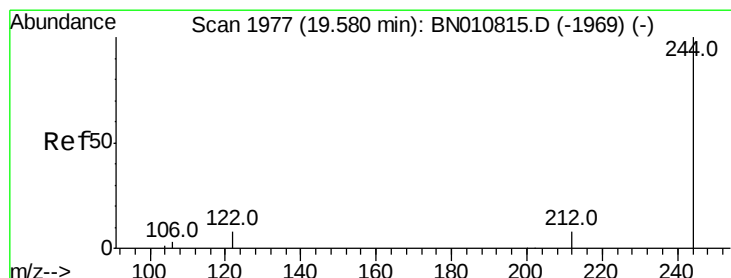
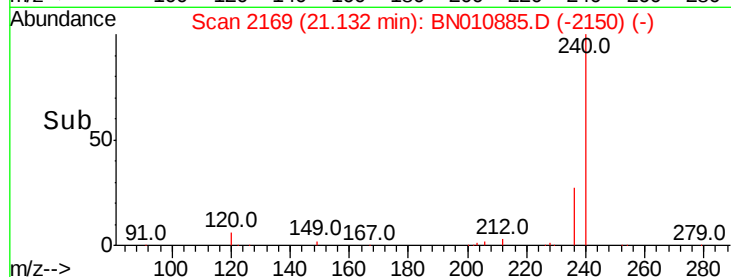
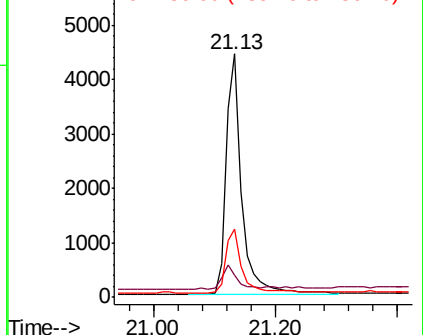
236 28.2 22.3 33.5



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: 0.459 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

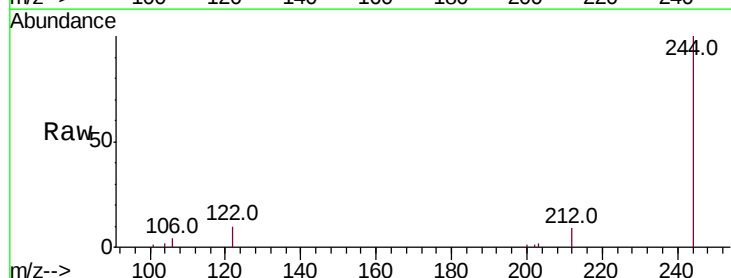
Tgt Ion:244 Resp: 8530

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

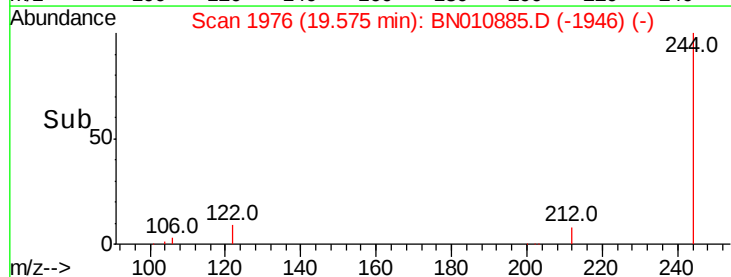
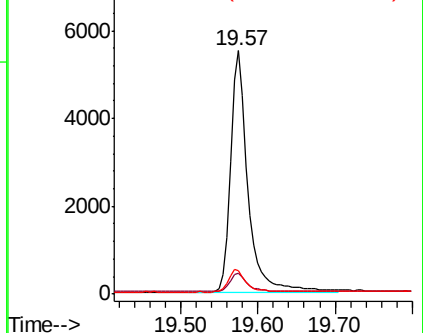
122 9.8 7.5 11.3

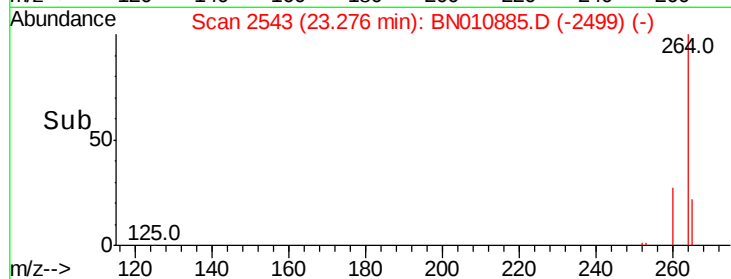
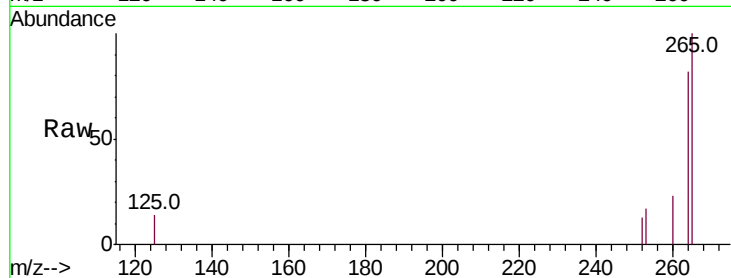
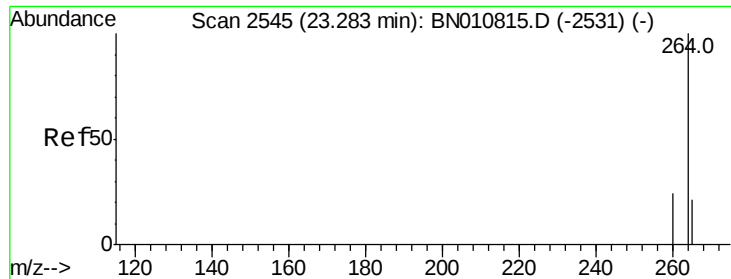


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BN010885.D

Acq: 16 Jun 2020 01:25

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 5877

Ion Ratio Lower Upper

264 100

260 27.8 20.4 30.6

265 122.2 75.0 112.4#

