

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010200.D
 Acq On : 11 Mar 2020 19:58
 Operator : CG/JU
 Sample : L1842-21DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:16:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

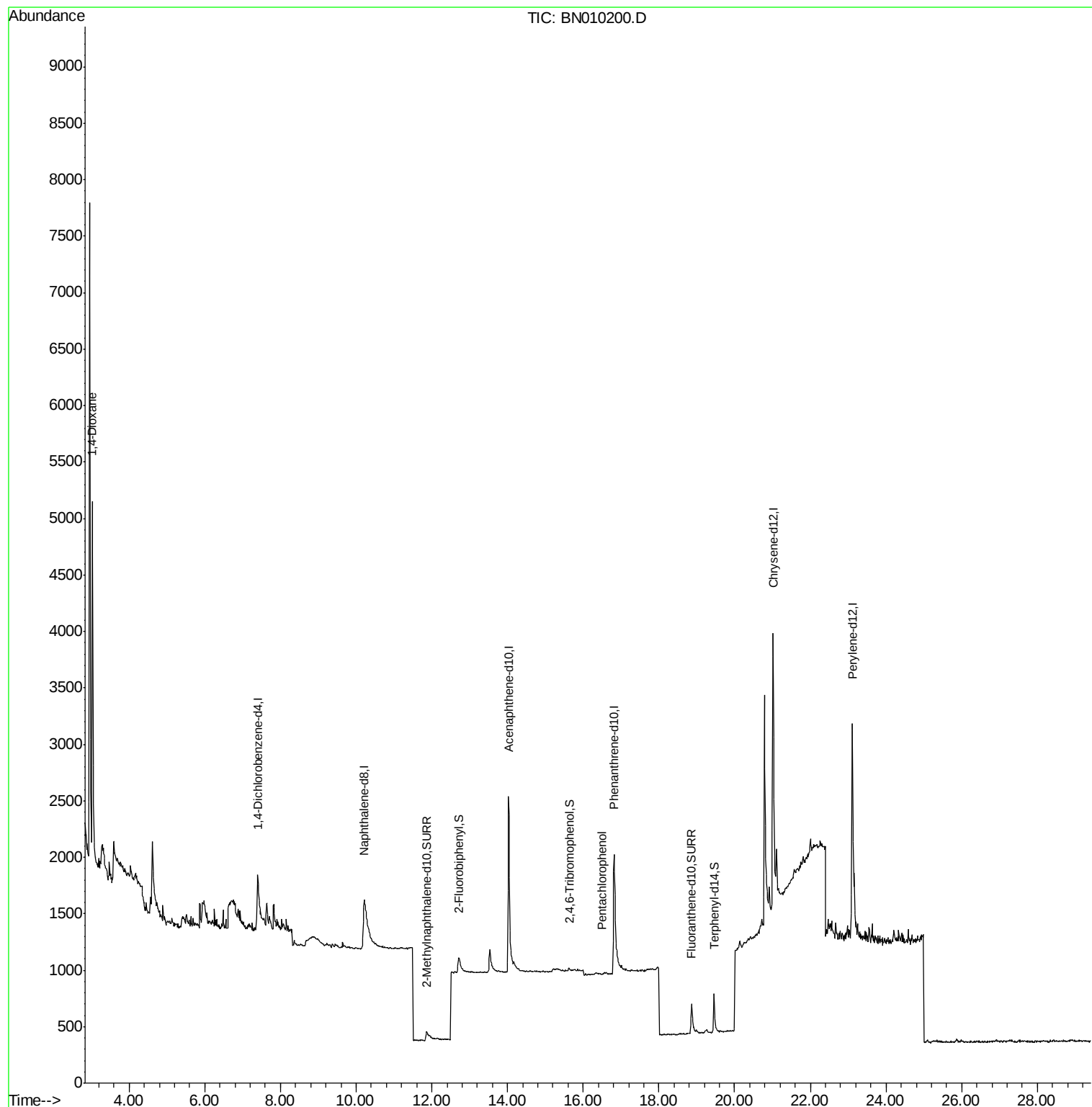
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	737	0.40	ng	0.04
7) Naphthalene-d8	10.22	136	1855	0.40	ng	0.10
13) Acenaphthene-d10	14.02	164	1701	0.40	ng	0.02
19) Phenanthrene-d10	16.82	188	3721	0.40	ng	0.04
27) Chrysene-d12	21.02	240	4620	0.40	ng	0.02
34) Perylene-d12	23.11	264	3881	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.09	112	18	0.01	ng	0.06
5) Phenol-d6	6.60	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	8.66	82	5	0.00	ng	0.10
11) 2-Methylnaphthalene-d10	11.86	152	240	0.07	ng	0.13
14) 2,4,6-Tribromophenol	15.63	330	32	0.05	ng	0.09
15) 2-Fluorobiphenyl	12.71	172	281	0.04	ng	0.08
25) Fluoranthene-d10	18.86	212	753	0.06	ng	0.04
29) Terphenyl-d14	19.46	244	630	0.06	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1331	1.763	ng	95
22) Pentachlorophenol	16.50	266	1	0.180	ng	# 74

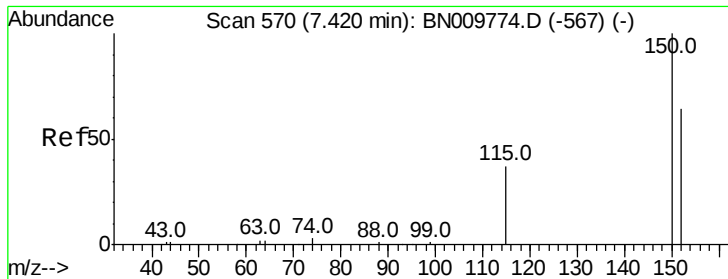
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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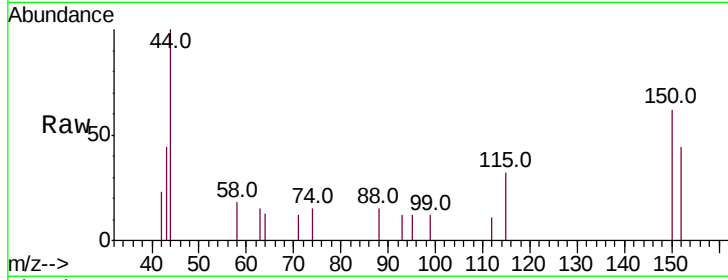


#1

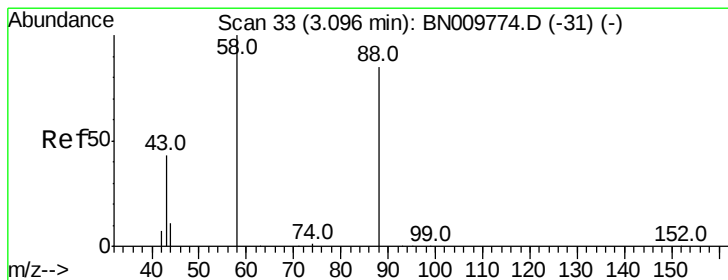
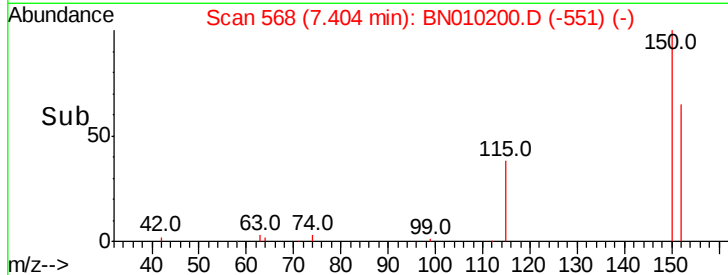
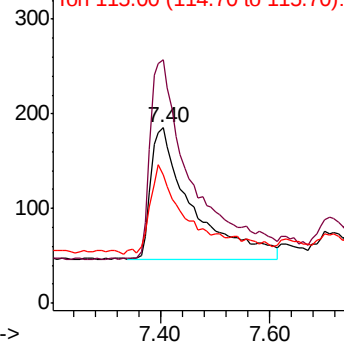
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.04 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 737
Ion Ratio Lower Upper
152 100
150 138.9 120.6 181.0
115 73.0 51.2 76.8



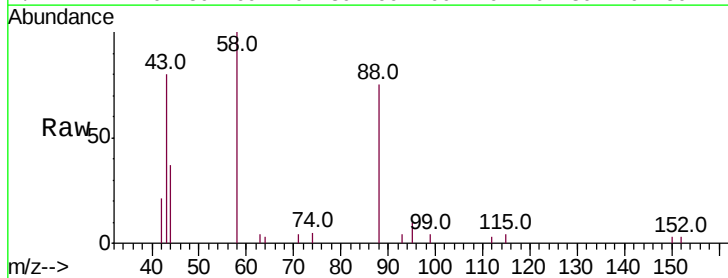
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



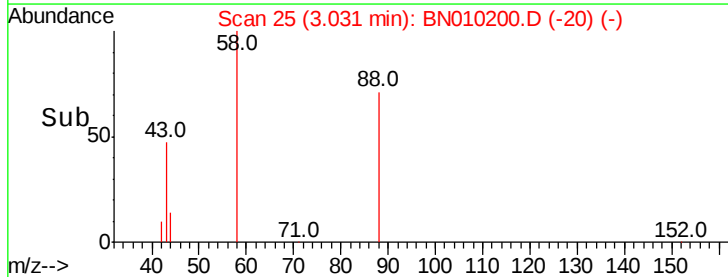
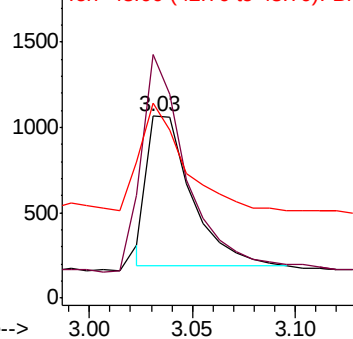
#2

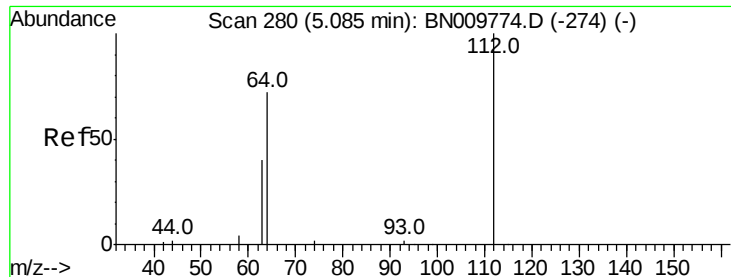
1,4-Dioxane
Concen: 1.763 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Tgt Ion: 88 Resp: 1331
Ion Ratio Lower Upper
88 100
58 117.1 97.8 146.8
43 61.2 45.1 67.7



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





#4

2-Fluorophenol

Concen: 0.011 ng

RT: 5.09 min Scan# 281

Delta R.T. 0.06 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

ClientSampleId :

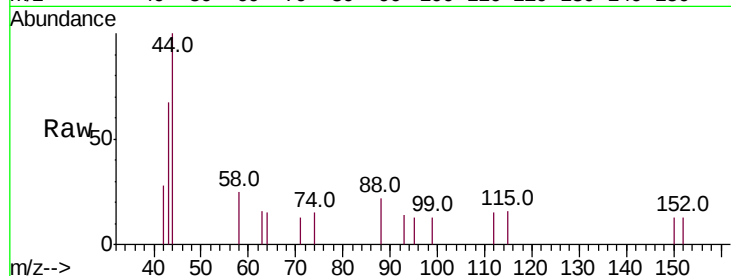
Tot Ion:112 Resp: 18

Ion Ratio Lower Upper

112 100

64 0.0 65.8 98.6#

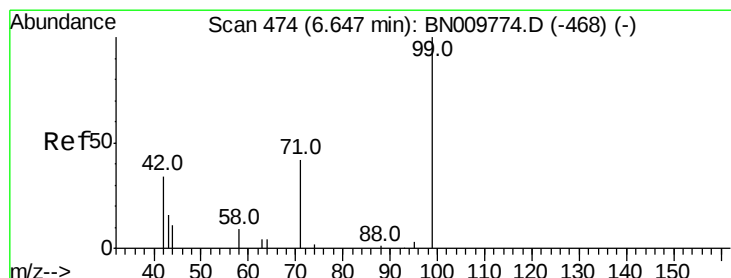
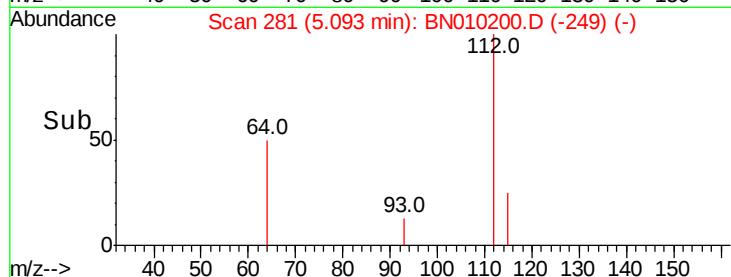
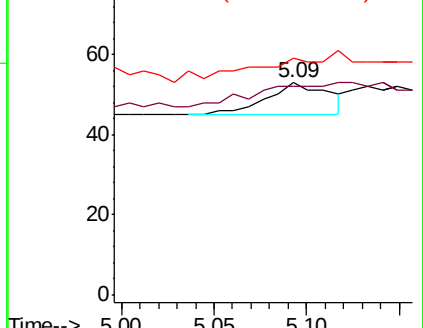
63 0.0 38.7 58.1#



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: 0.001 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.01 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

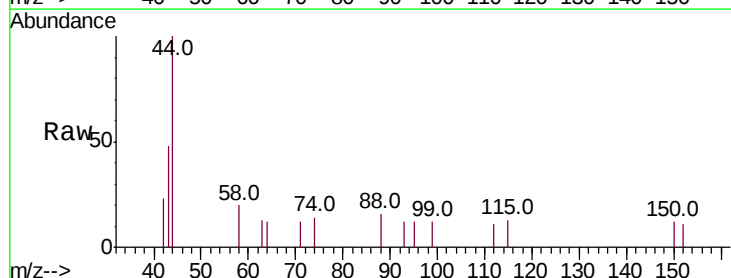
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

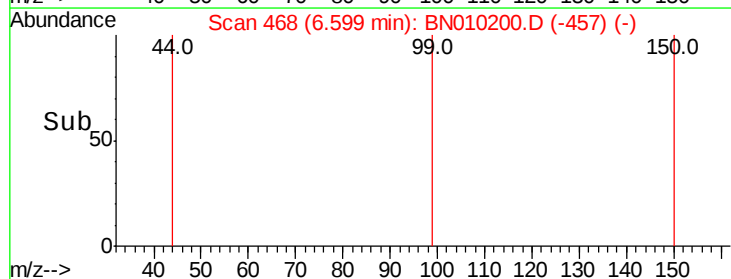
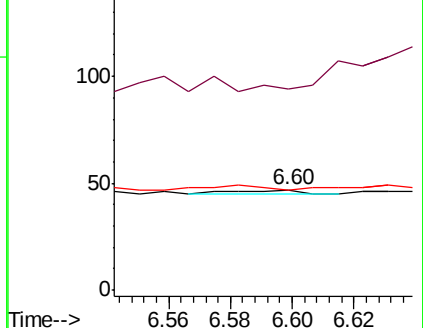
71 100.0 34.9 52.3#

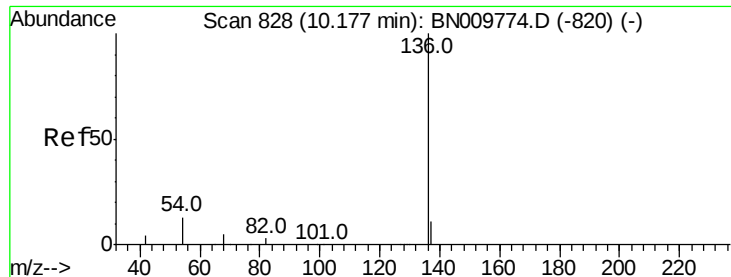


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.10 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 1855

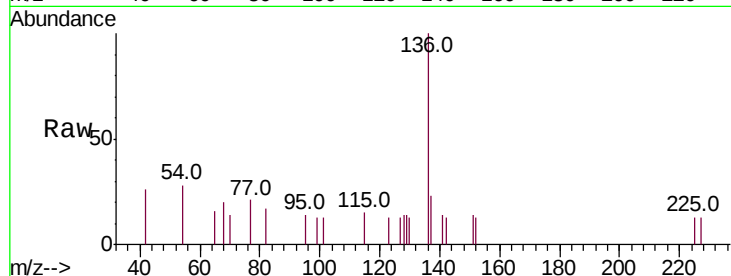
Ion Ratio Lower Upper

136 100

137 23.3 11.3 16.9#

54 28.2 13.4 20.2#

68 19.6 7.0 10.4#

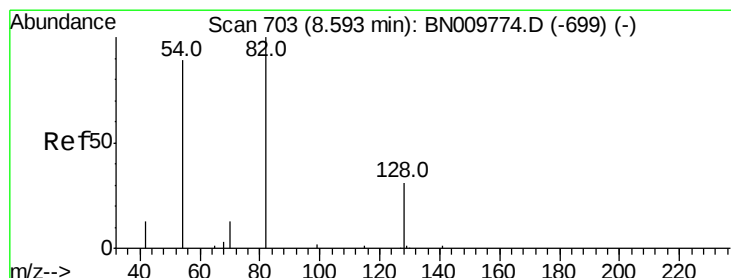
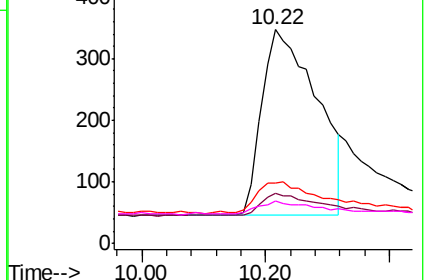
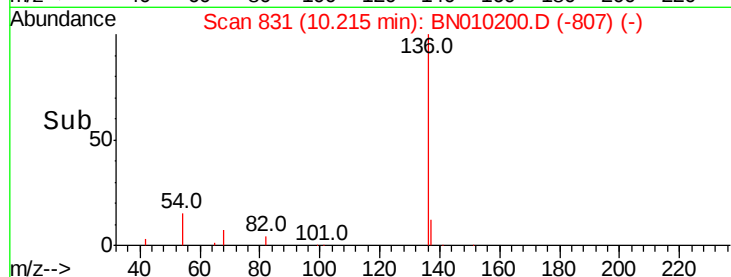


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.10 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

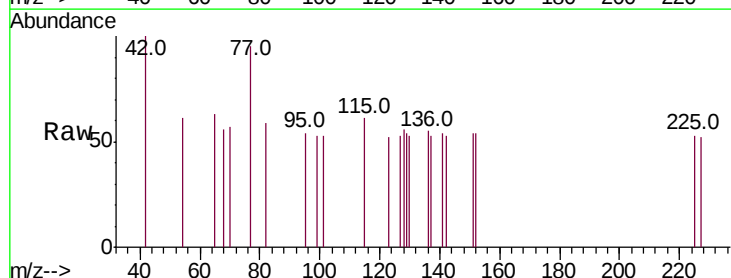
Tgt Ion: 82 Resp: 5

Ion Ratio Lower Upper

82 100

128 96.1 32.5 48.7#

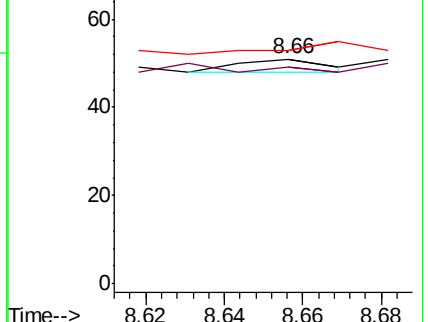
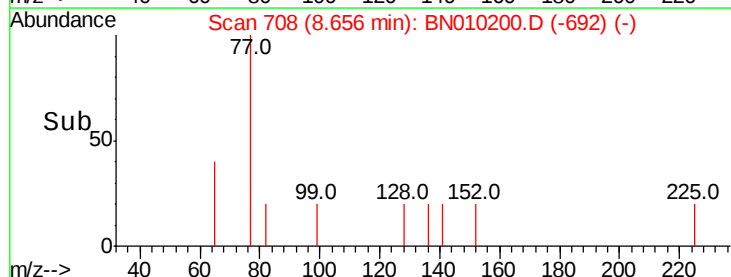
54 103.9 73.5 110.3

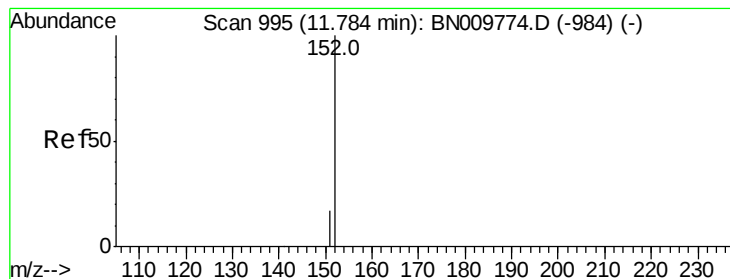


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

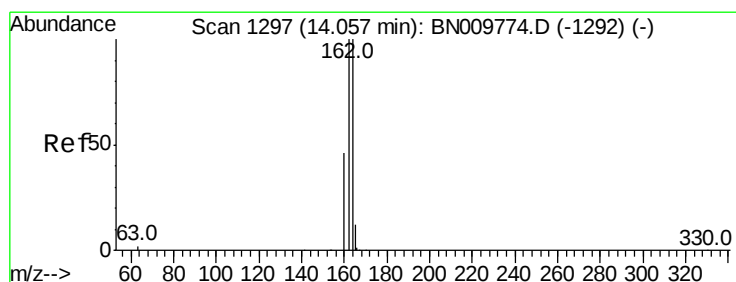
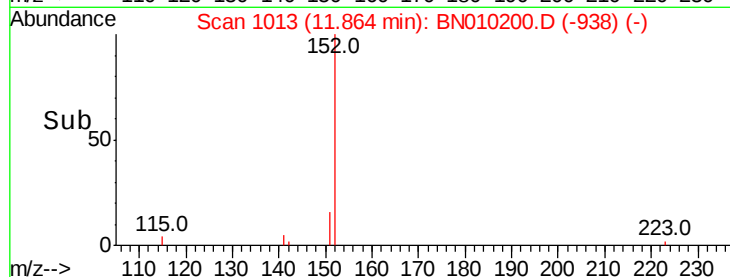
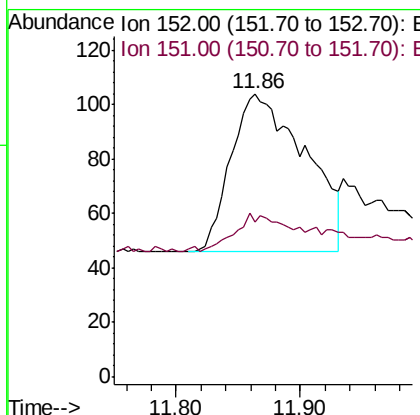
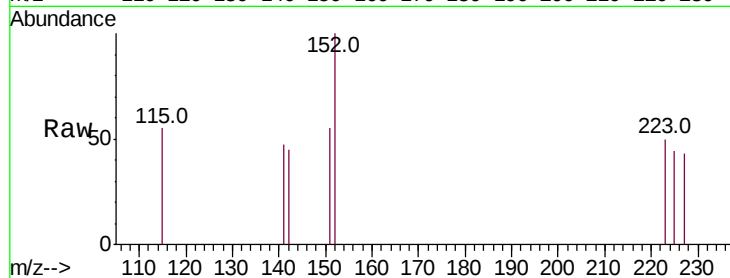




#11
 2-Methylnaphthalene-d10
 Concen: 0.067 ng
 RT: 11.86 min Scan# 1013
 Delta R.T. 0.13 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

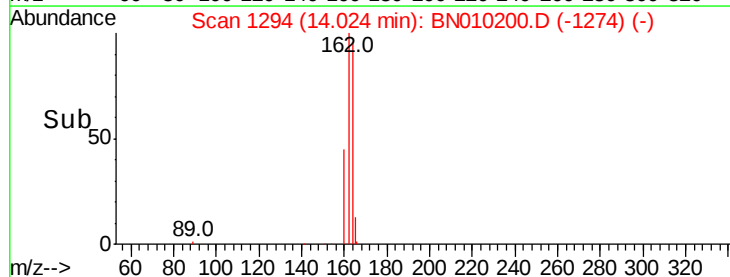
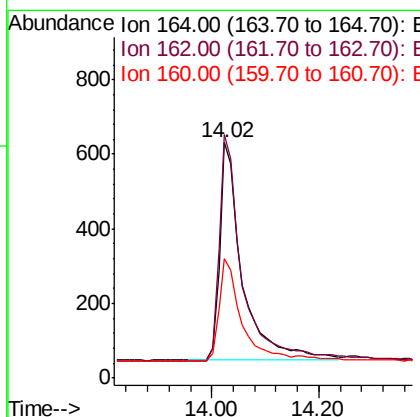
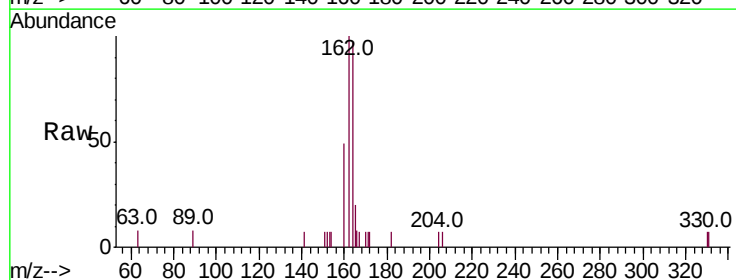
Instrument :
 BNA_N
 ClientSampled :

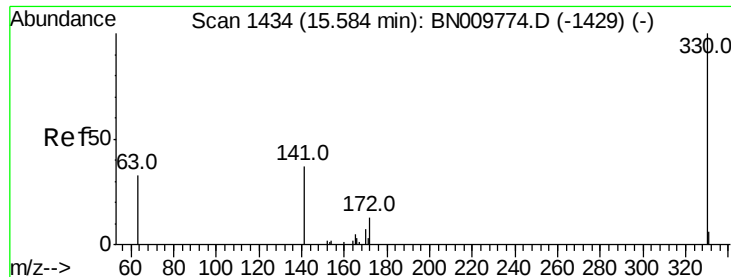
Tot Ion:152 Resp: 240
 Ion Ratio Lower Upper
 152 100
 151 17.1 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.02 min Scan# 1294
 Delta R.T. 0.02 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tgt Ion:164 Resp: 1701
 Ion Ratio Lower Upper
 164 100
 162 103.5 79.9 119.9
 160 50.9 38.2 57.2

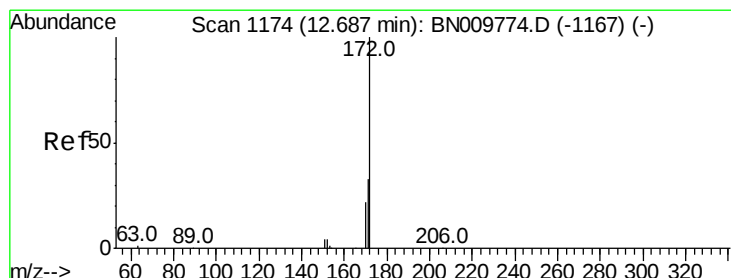
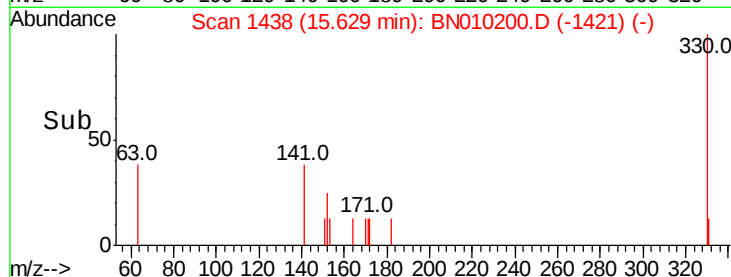
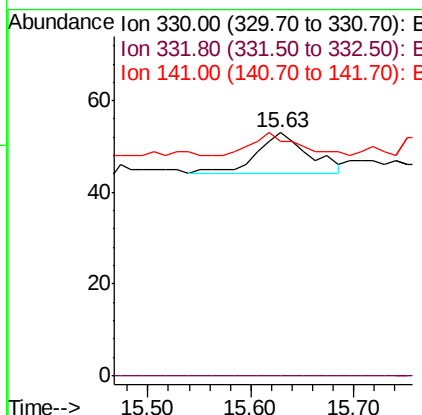
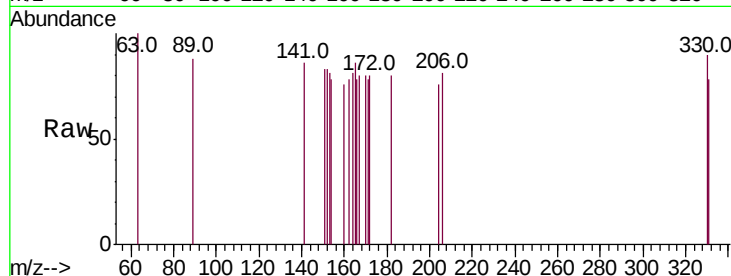




#14
 2,4,6-Tribromophenol
 Concen: 0.049 ng
 RT: 15.63 min Scan# 1438
 Delta R.T. 0.09 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

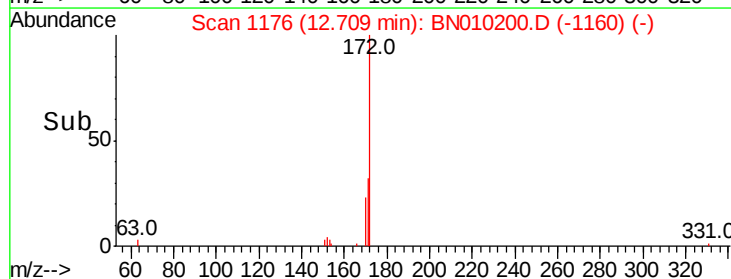
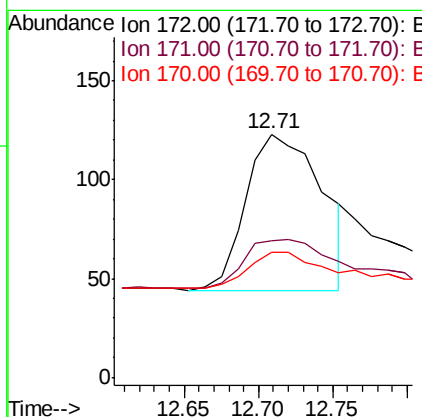
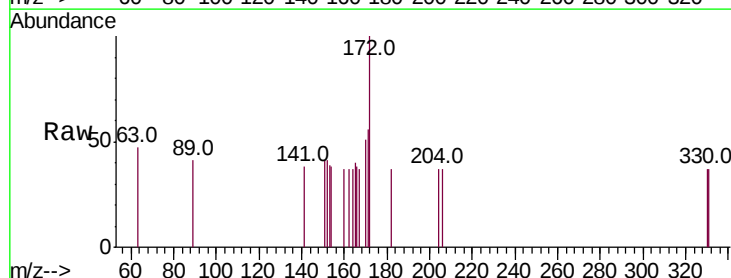
Instrument :
 BNA_N
 ClientSampleId :

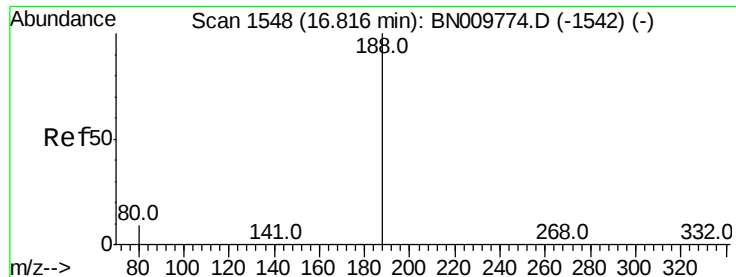
Tot Ion:330 Resp: 32
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 46.9 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.044 ng
 RT: 12.71 min Scan# 1176
 Delta R.T. 0.08 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tgt Ion:172 Resp: 281
 Ion Ratio Lower Upper
 172 100
 171 56.1 28.7 43.1#
 170 51.2 20.1 30.1#

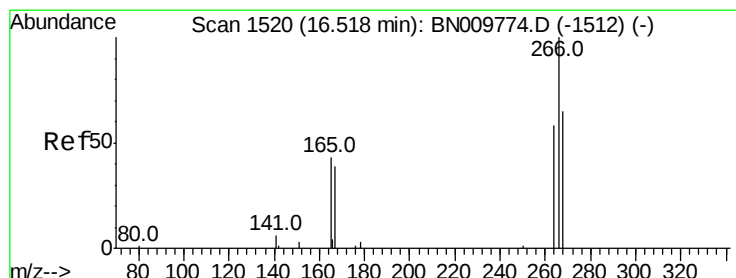
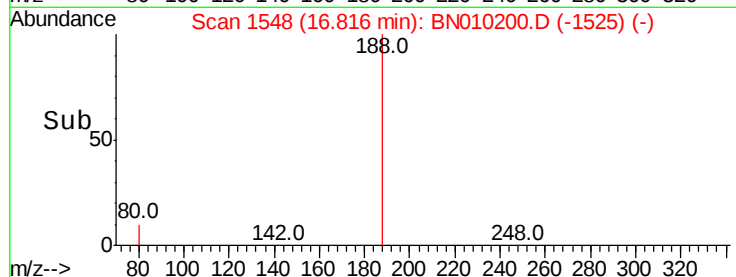
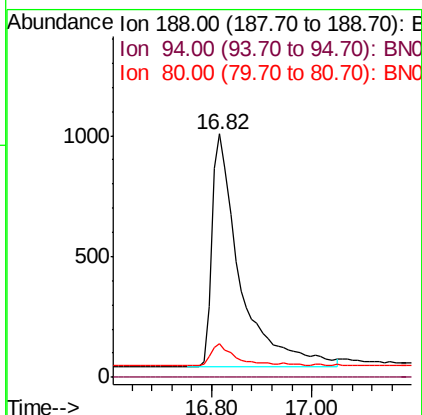
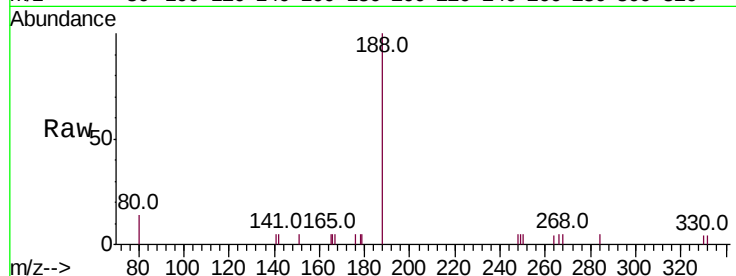




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. 0.04 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

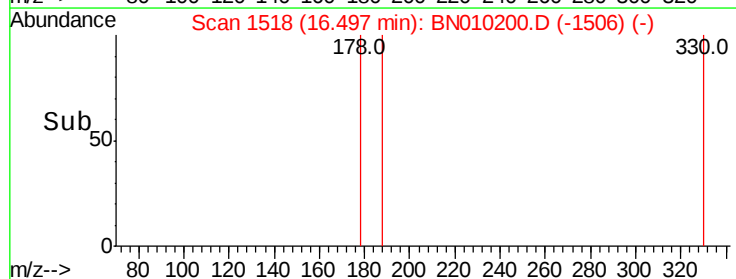
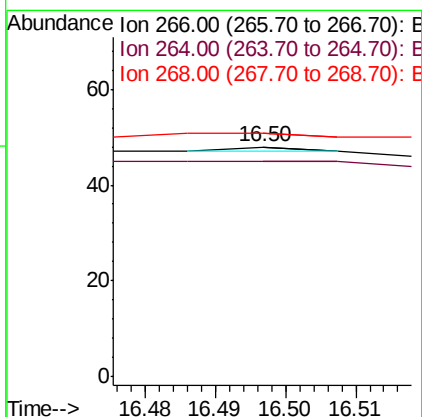
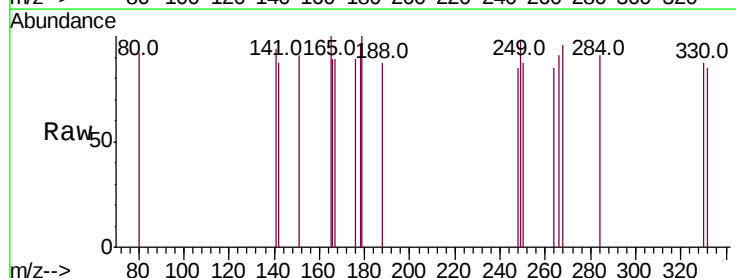
Instrument :
BNA_N
ClientSampled :

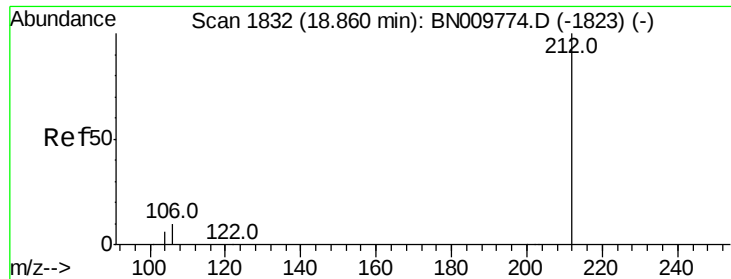
Tot Ion:188 Resp: 3721
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.3 12.5#



#22
Pentachlorophenol
Concen: 0.180 ng
RT: 16.50 min Scan# 1518
Delta R.T. 0.03 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 93.8 58.1 87.1#
268 106.3 65.7 98.5#

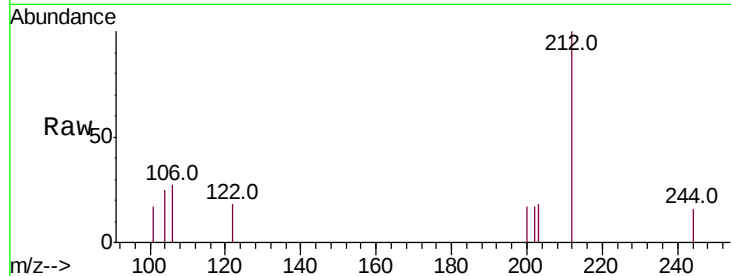




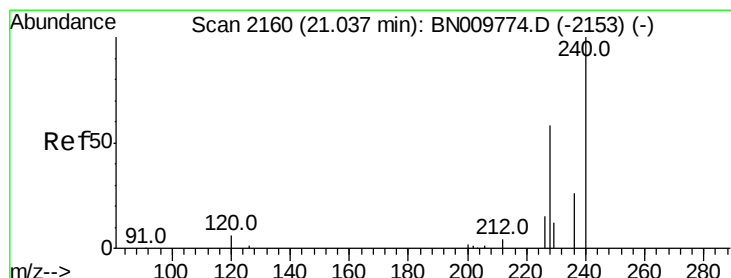
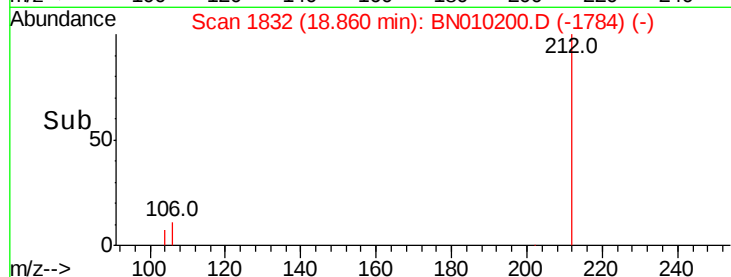
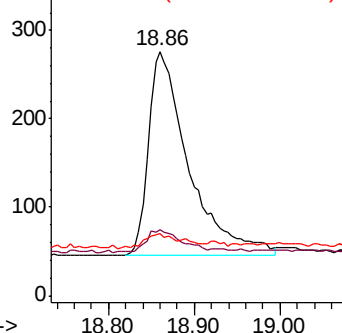
#25
 Fluoranthene-d10
 Concen: 0.059 ng
 RT: 18.86 min Scan# 1832
 Delta R.T. 0.04 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 753
 Ion Ratio Lower Upper
 212 100
 106 8.5 8.4 12.6
 104 5.0 4.8 7.2

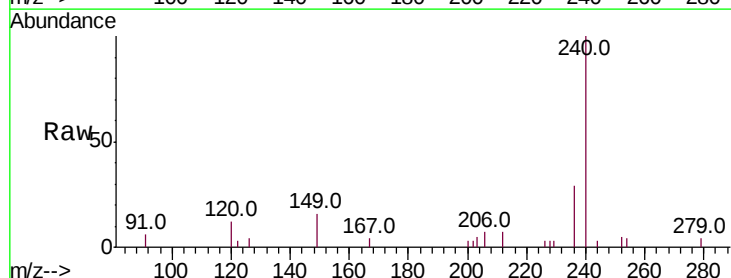


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

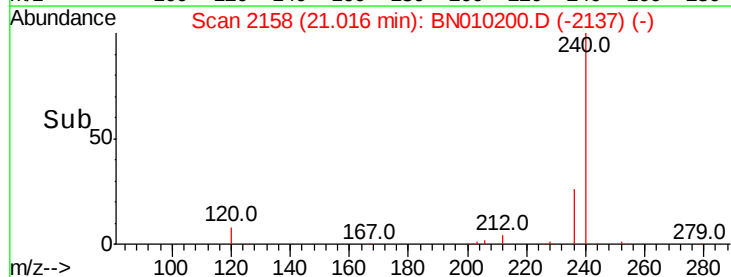
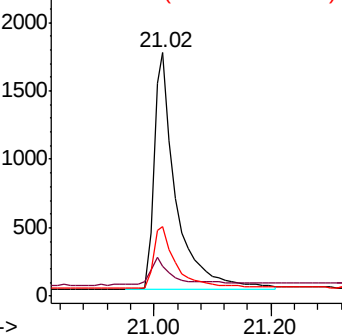


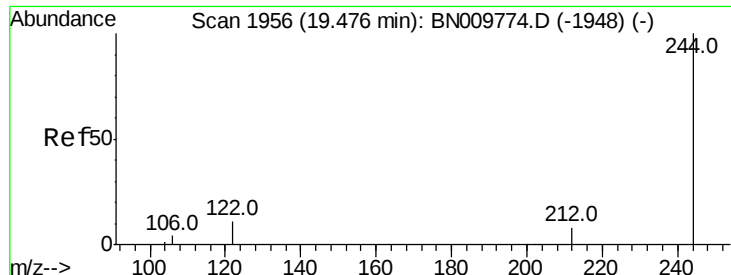
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2158
 Delta R.T. 0.02 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tgt Ion:240 Resp: 4620
 Ion Ratio Lower Upper
 240 100
 120 12.1 7.9 11.9#
 236 28.8 22.0 33.0



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: 0.057 ng

RT: 19.46 min Scan# 1952

Delta R.T. 0.03 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

ClientSampleId :

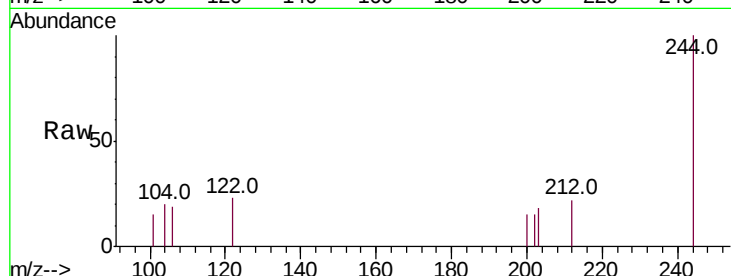
Tot Ion:244 Resp: 630

Ion Ratio Lower Upper

244 100

212 22.3 8.0 12.0#

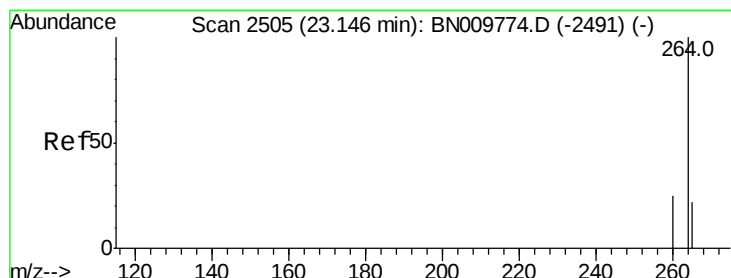
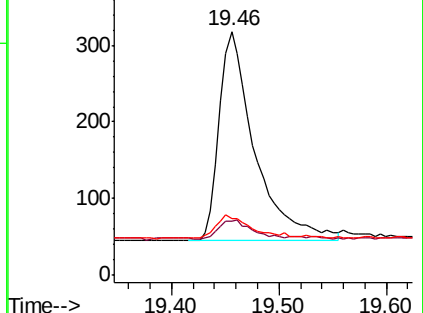
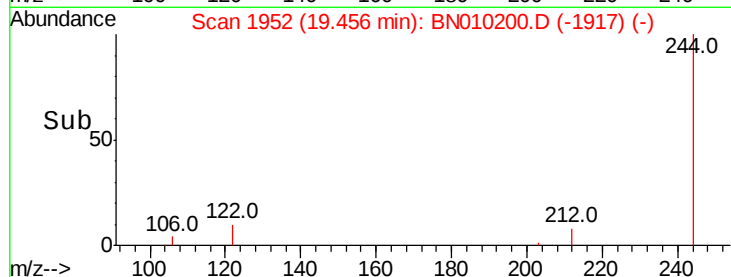
122 23.3 10.0 15.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

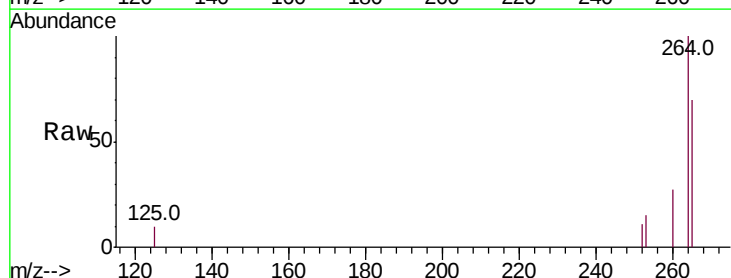
Tgt Ion:264 Resp: 3881

Ion Ratio Lower Upper

264 100

260 27.4 21.1 31.7

265 69.7 57.5 86.3



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

