

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010201.D
 Acq On : 11 Mar 2020 20:34
 Operator : CG/JU
 Sample : L1842-23DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20200305DL

Quant Time: Mar 12 07:16:07 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

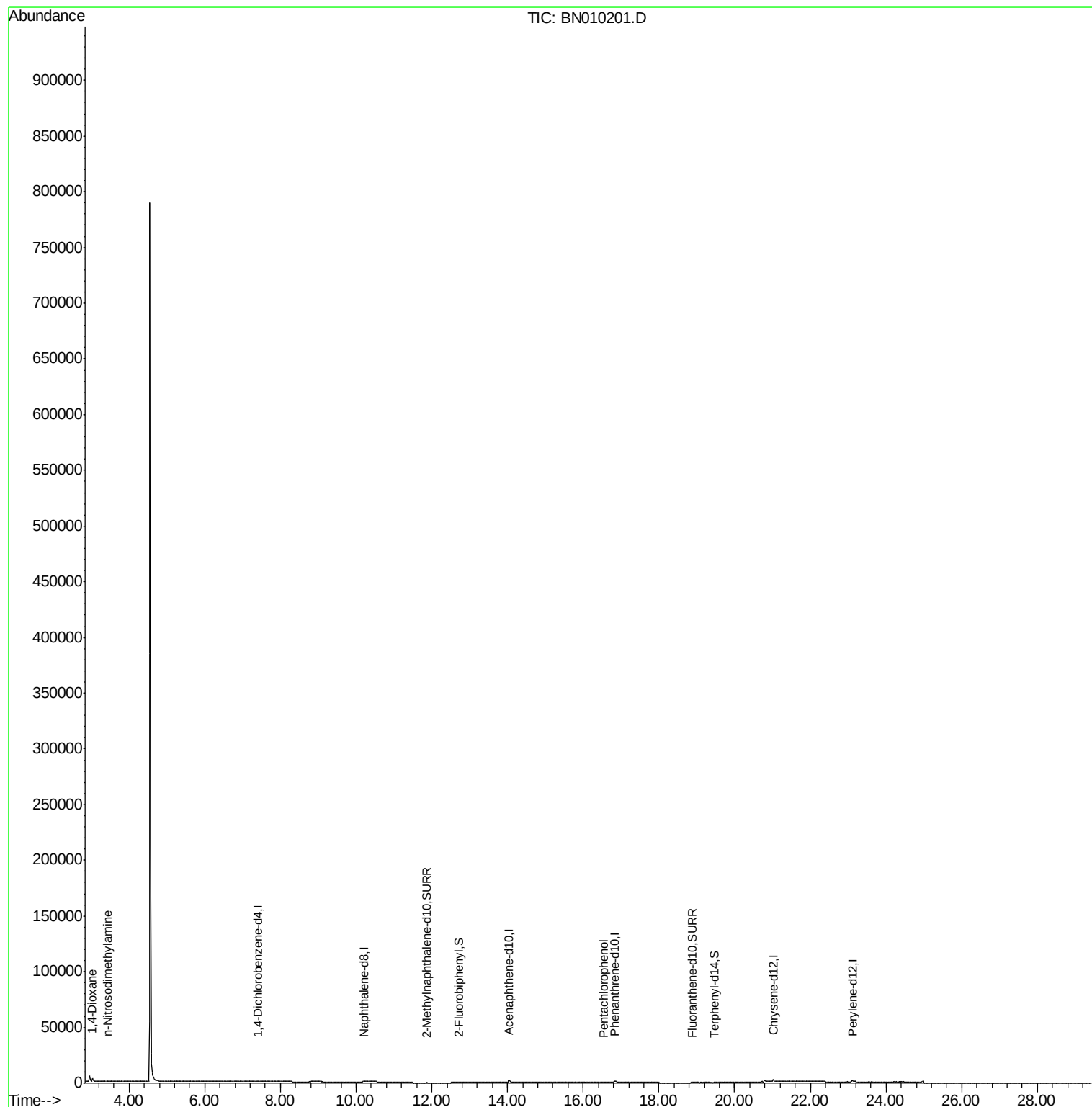
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	429	0.40	ng	0.05
7) Naphthalene-d8	10.21	136	2455	0.40	ng	0.10
13) Acenaphthene-d10	14.03	164	1979	0.40	ng	0.03
19) Phenanthrene-d10	16.83	188	4121	0.40	ng	0.05
27) Chrysene-d12	21.02	240	3117	0.40	ng	0.02
34) Perylene-d12	23.11	264	3136	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1	0.00	ng	0.02
5) Phenol-d6	6.65	99	1	0.00	ng	0.05
8) Nitrobenzene-d5	8.64	82	2	0.00	ng	0.09
11) 2-Methylnaphthalene-d10	11.87	152	290	0.06	ng	0.14
14) 2,4,6-Tribromophenol	15.54	330	1	0.00	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	328	0.04	ng	0.09
25) Fluoranthene-d10	18.87	212	866	0.06	ng	0.05
29) Terphenyl-d14	19.46	244	635	0.09	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1085	2.469	ng	97
3) n-Nitrosodimethylamine	3.43	42	17	0.024	ng	# 22
20) 4-Bromophenyl-phenylether	16.08	248	1	Below Cal	#	79
22) Pentachlorophenol	16.55	266	4	0.183	ng	# 75

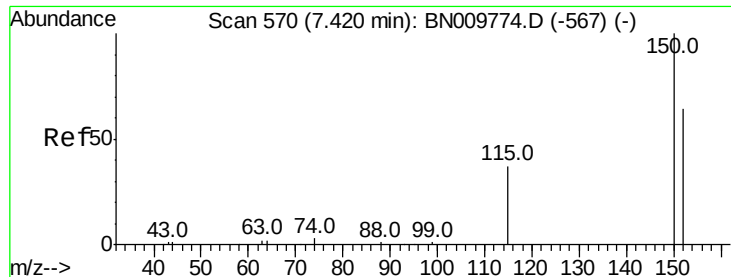
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
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Misc :
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DUP02-20200305DL

Quant Time: Mar 12 07:16:07 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
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. 0.05 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

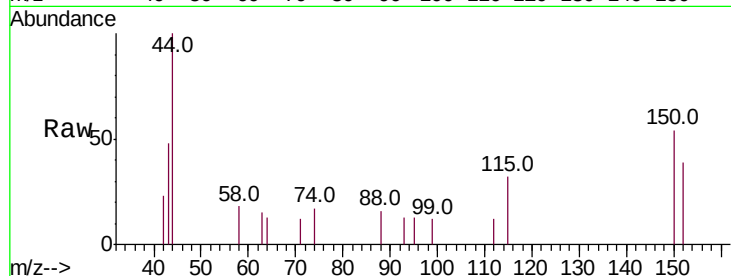
Tot Ion:152 Resp: 429

Ion Ratio Lower Upper

152 100

150 137.7 120.6 181.0

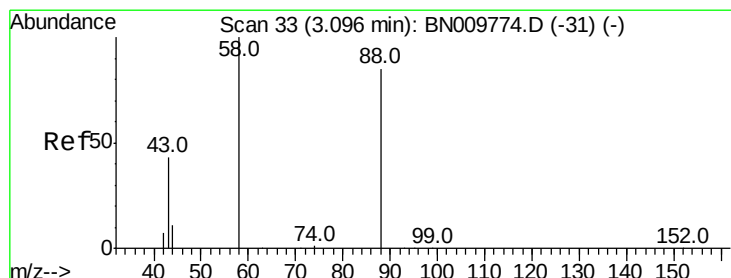
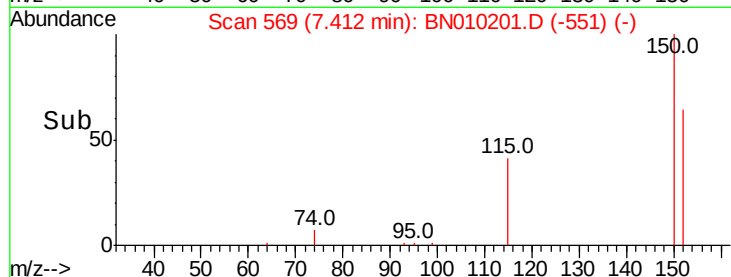
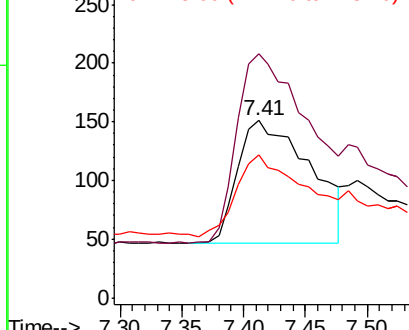
115 80.8 51.2 76.8#



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: 2.469 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

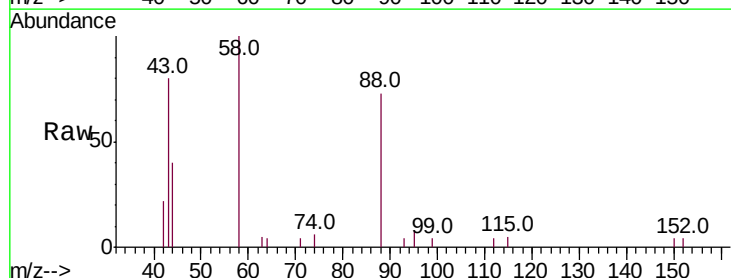
Tgt Ion: 88 Resp: 1085

Ion Ratio Lower Upper

88 100

58 122.1 97.8 146.8

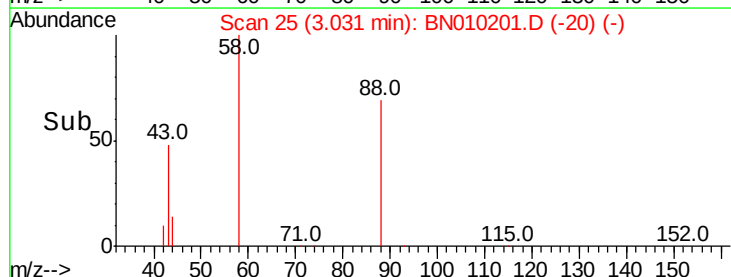
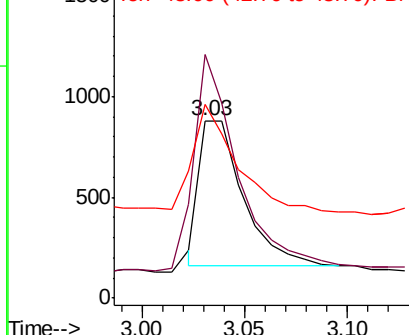
43 63.8 45.1 67.7

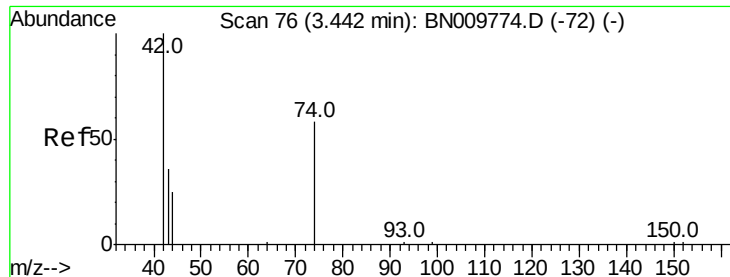


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



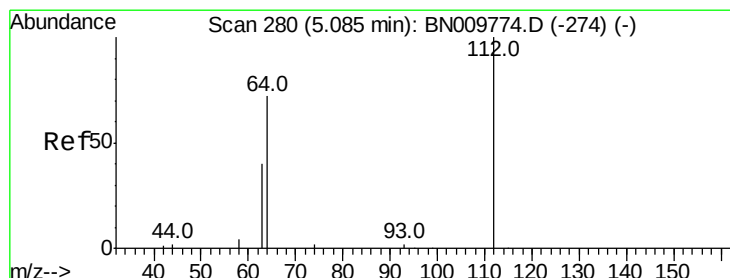
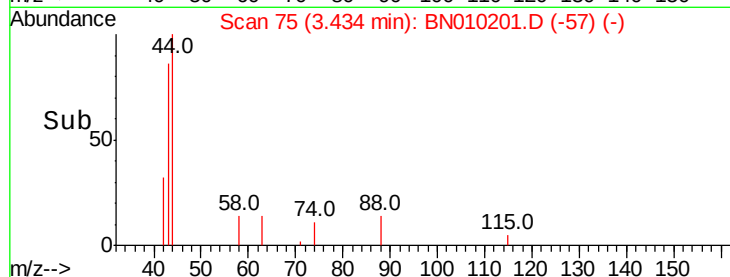
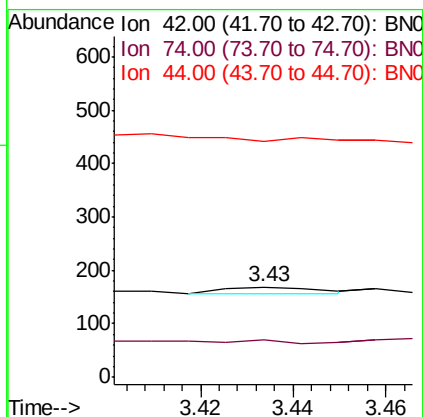
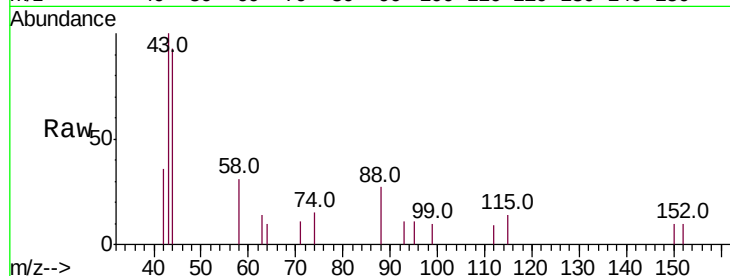


#3

n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.43 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BN010201.D
 Acq: 11 Mar 2020 20:34

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20200305DL

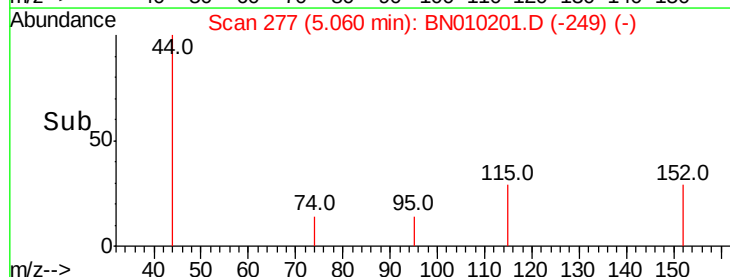
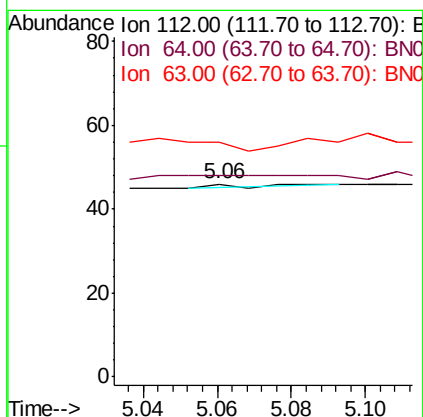
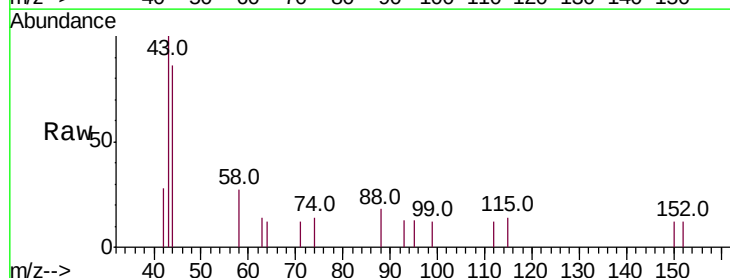
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	0.0	2.6	4.0#

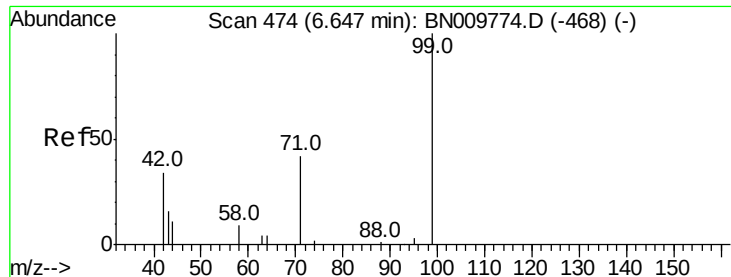


#4

2-Fluorophenol
 Concen: 0.001 ng
 RT: 5.06 min Scan# 277
 Delta R.T. 0.02 min
 Lab File: BN010201.D
 Acq: 11 Mar 2020 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	65.8	98.6#
63	600.0	38.7	58.1#





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.65 min Scan# 475

Delta R.T. 0.05 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

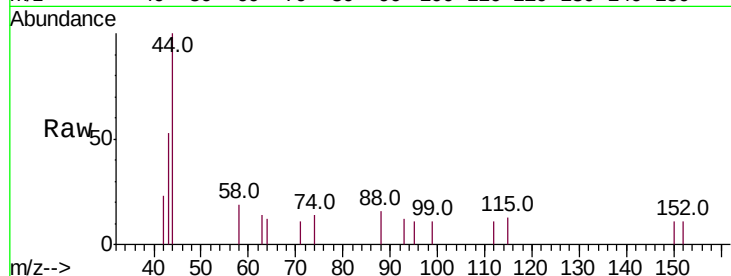
Tot Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

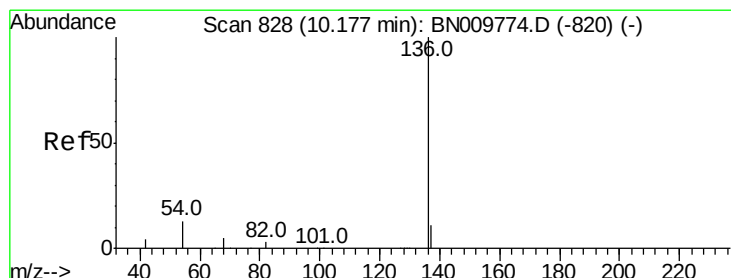
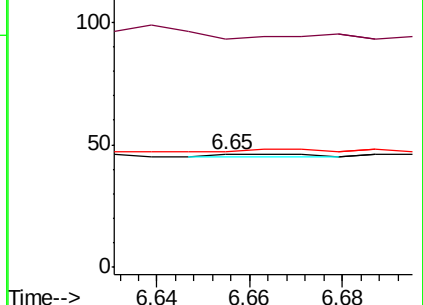
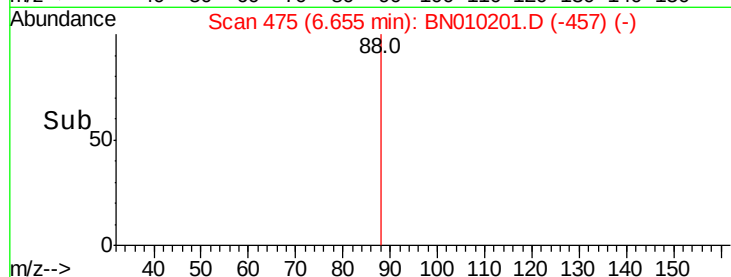
71 400.0 34.9 52.3#



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: 10.21 min Scan# 831

Delta R.T. 0.10 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Tgt Ion:136 Resp: 2455

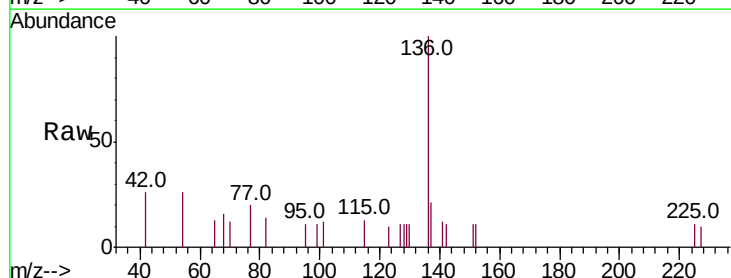
Ion Ratio Lower Upper

136 100

137 20.5 11.3 16.9#

54 26.3 13.4 20.2#

68 16.1 7.0 10.4#

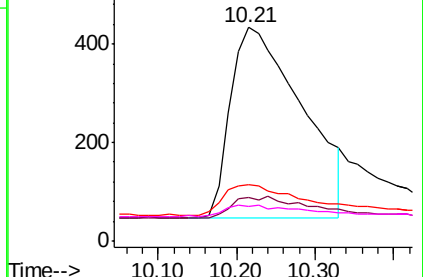
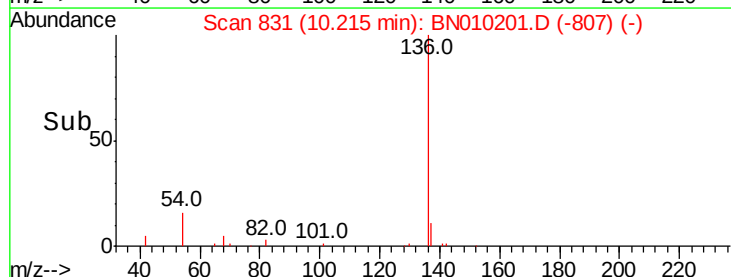


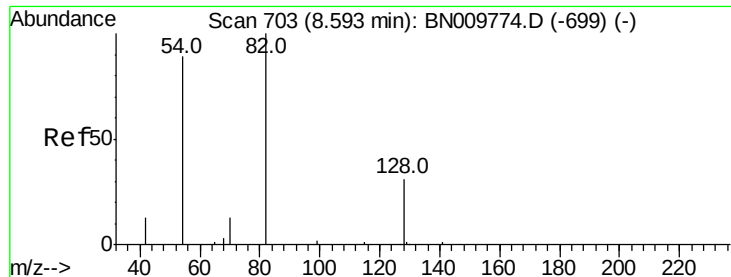
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.001 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.09 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

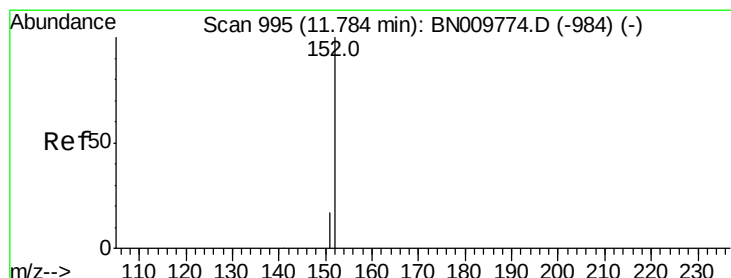
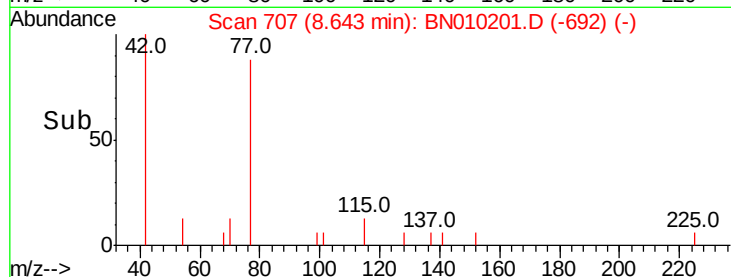
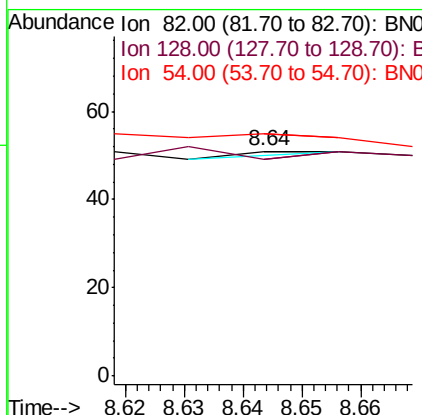
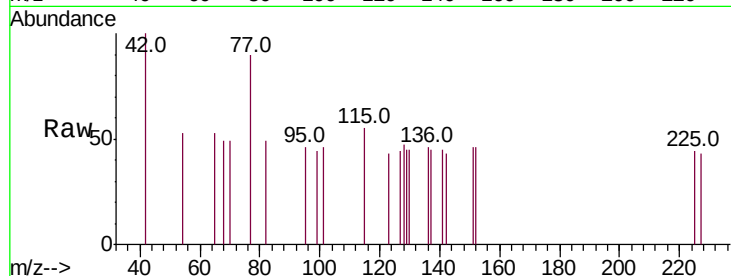
Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

Tot Ion:	82	Resp:	2
Ion	Ratio	Lower	Upper
82	100		
128	96.1	32.5	48.7#
54	107.8	73.5	110.3



#11

2-Methylnaphthalene-d10

Concen: 0.061 ng

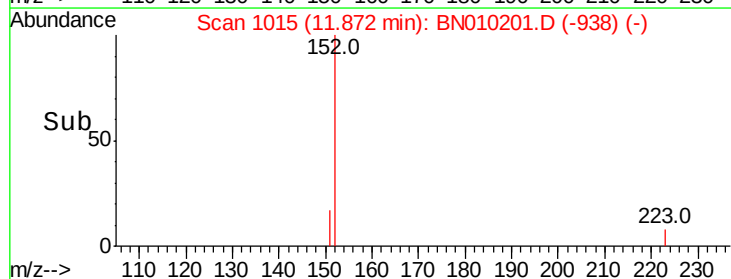
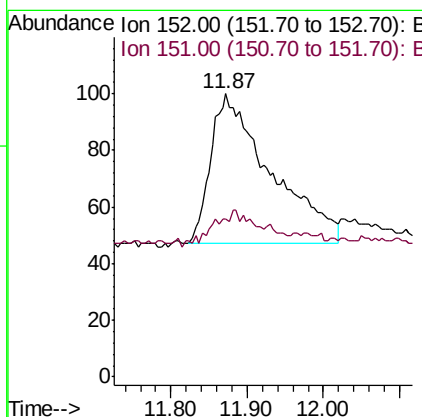
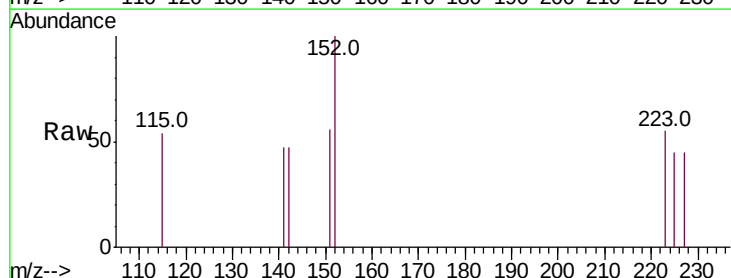
RT: 11.87 min Scan# 1015

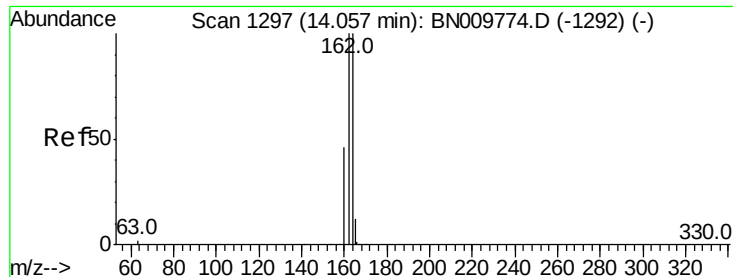
Delta R.T. 0.14 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Tgt Ion:	152	Resp:	290
Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. 0.03 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

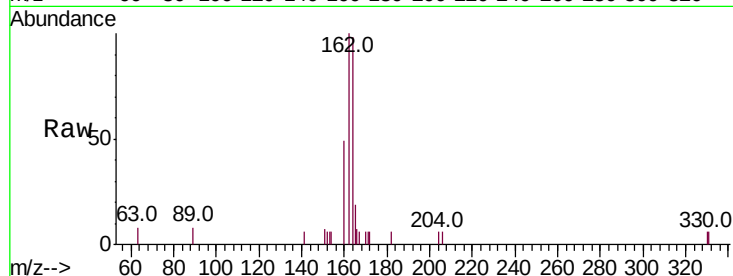
Tot Ion:164 Resp: 1979

Ion Ratio Lower Upper

164 100

162 102.5 79.9 119.9

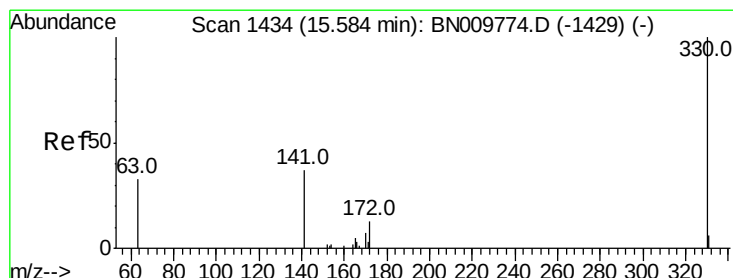
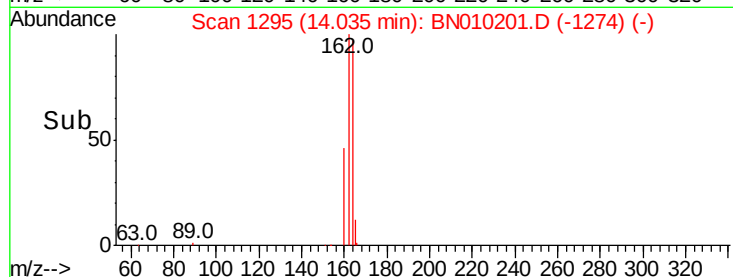
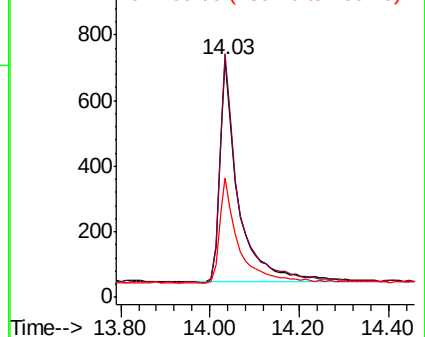
160 50.3 38.2 57.2



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: 0.001 ng

RT: 15.54 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

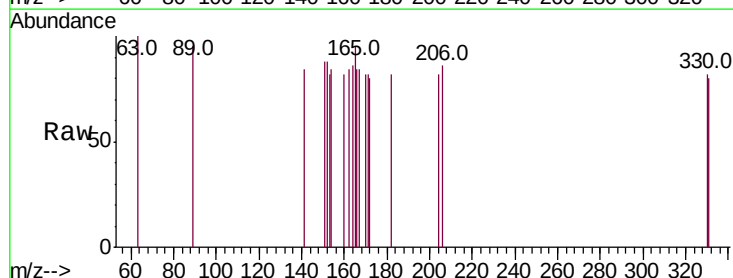
Tgt Ion:330 Resp: 1

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

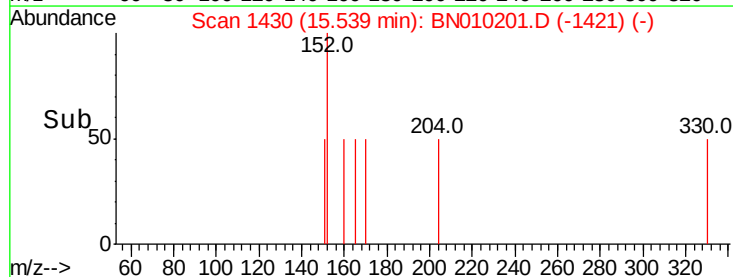
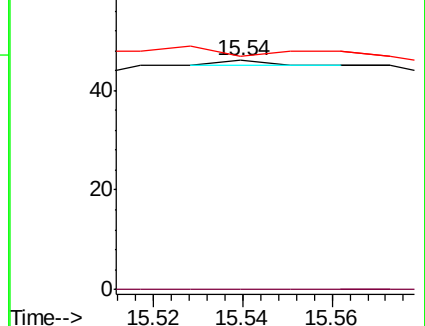
141 0.0 36.8 55.2#

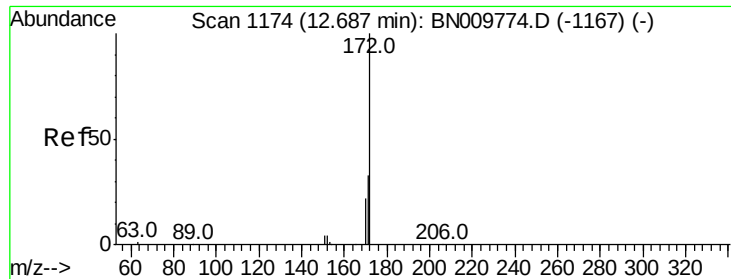


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

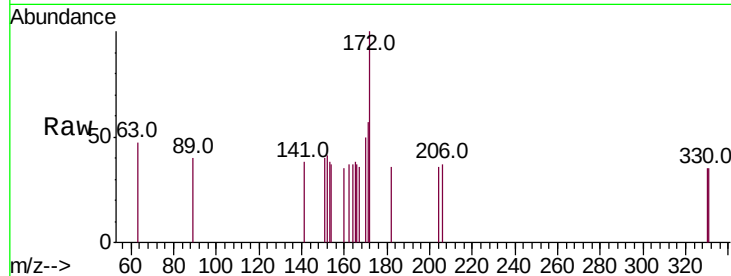




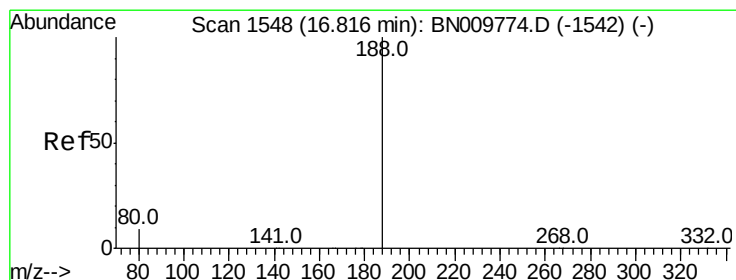
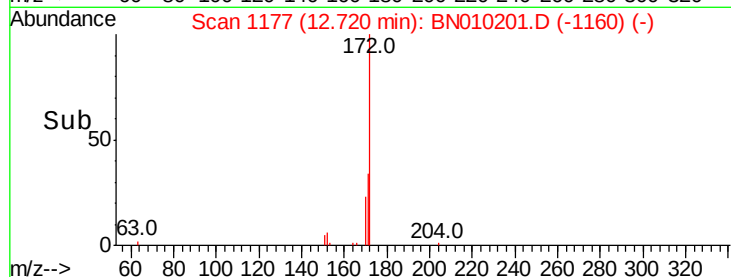
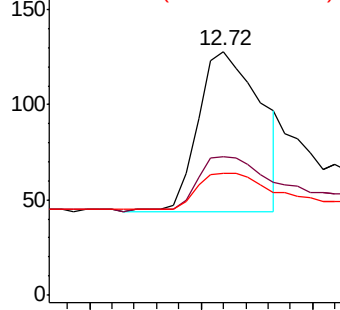
#15
2-Fluorobiphenyl
Concen: 0.044 ng
RT: 12.72 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Instrument :
BNA_N
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DUP02-20200305DL

Tot Ion:172 Resp: 328
Ion Ratio Lower Upper
172 100
171 57.0 28.7 43.1#
170 50.0 20.1 30.1#

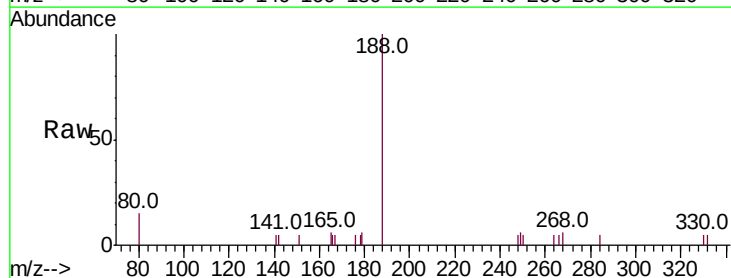


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

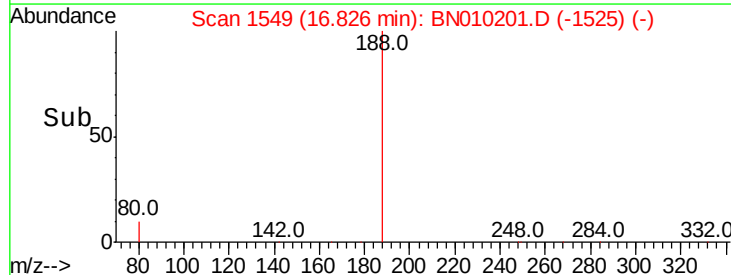
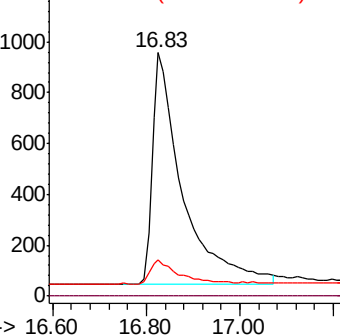


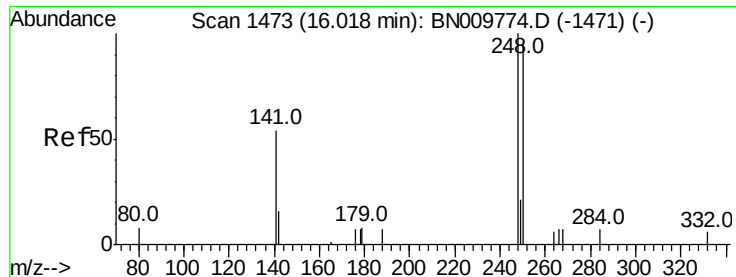
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion:188 Resp: 4121
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 8.3 12.5#



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





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.08 min Scan# 1479

Delta R.T. 0.07 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

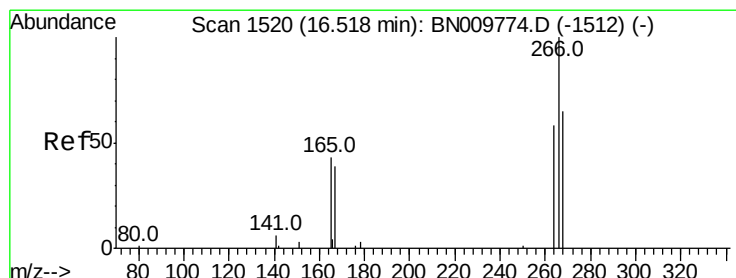
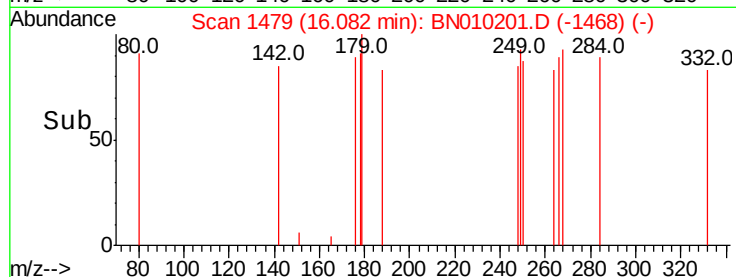
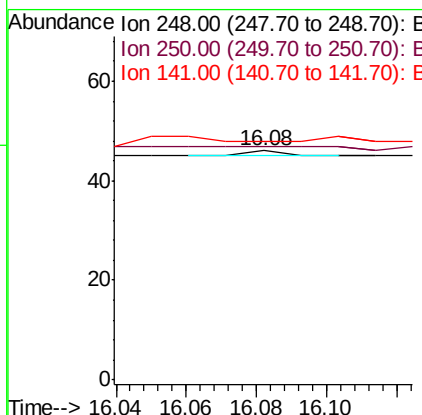
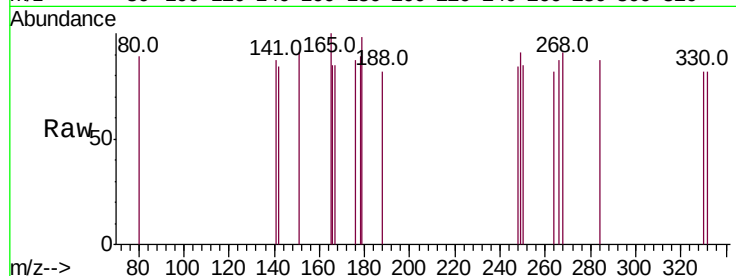
Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

Tot Ion:248	Resp:	1	
Ion Ratio	Lower	Upper	
248	100		
250	102.2	76.2	114.4
141	104.3	57.8	86.6#



#22

Pentachlorophenol

Concen: 0.183 ng

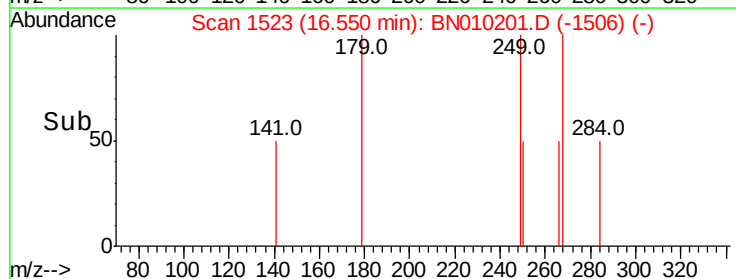
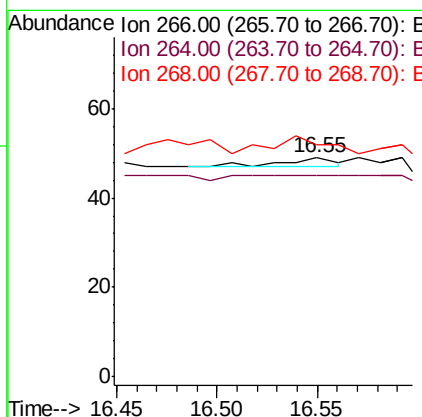
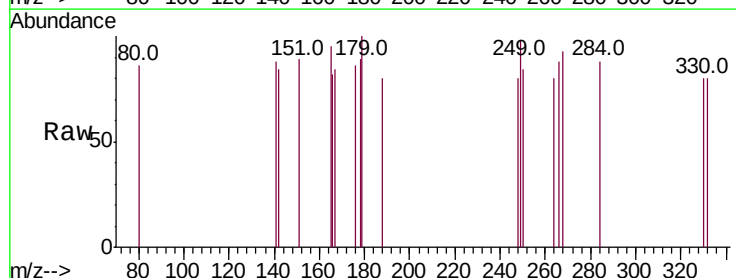
RT: 16.55 min Scan# 1523

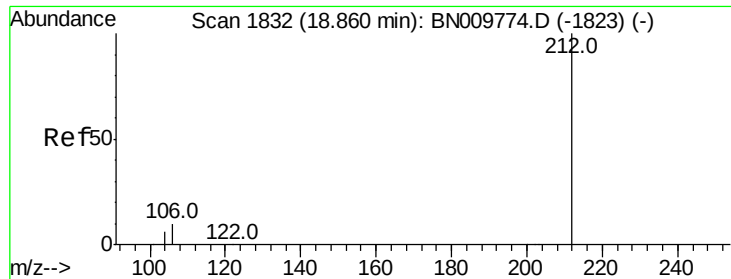
Delta R.T. 0.09 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Tgt Ion:266	Resp:	4
Ion Ratio	Lower	Upper
266 100		
264 91.8	58.1	87.1#
268 106.1	65.7	98.5#

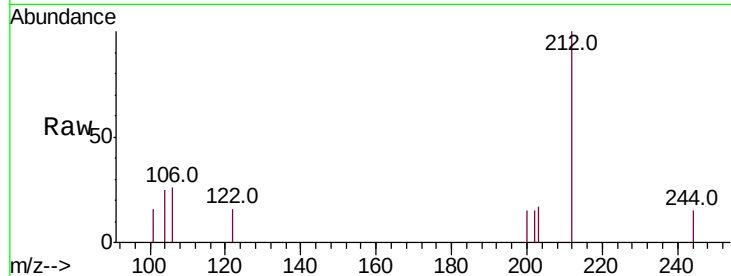




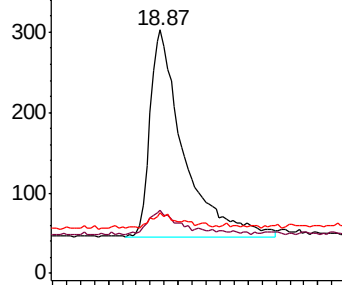
#25
Fluoranthene-d10
Concen: 0.061 ng
RT: 18.87 min Scan# 1835
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20200305DL

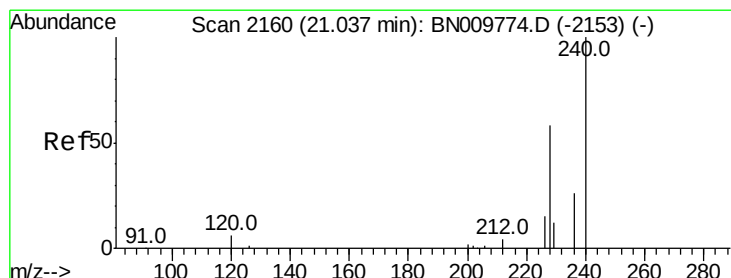
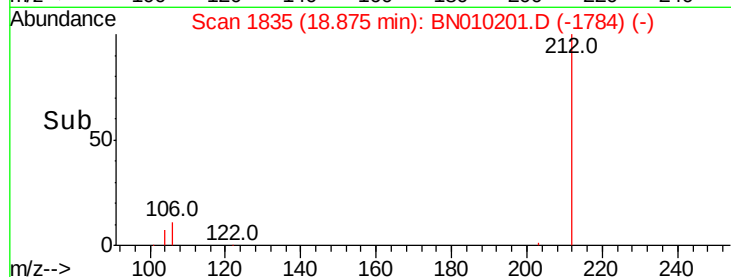
Tot Ion:212 Resp: 866
Ion Ratio Lower Upper
212 100
106 9.0 8.4 12.6
104 4.4 4.8 7.2#



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

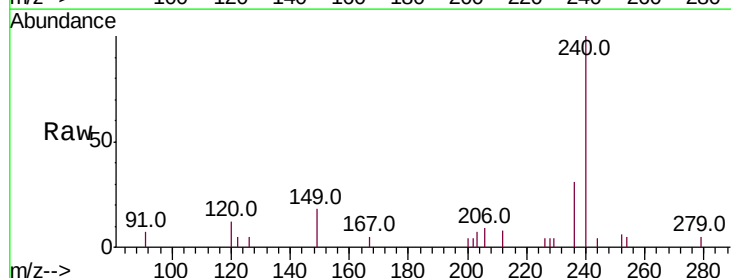


Time-->

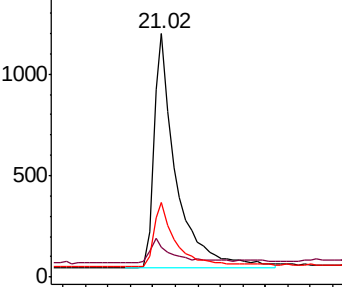


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

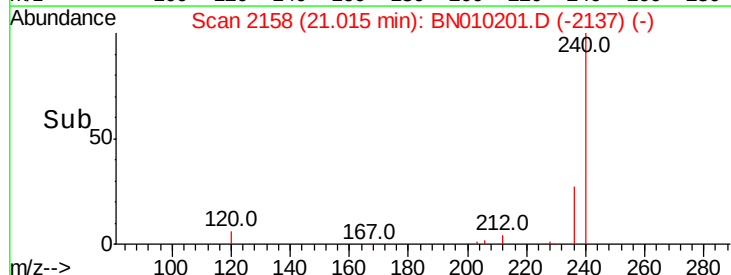
Tgt Ion:240 Resp: 3117
Ion Ratio Lower Upper
240 100
120 12.4 7.9 11.9#
236 30.5 22.0 33.0

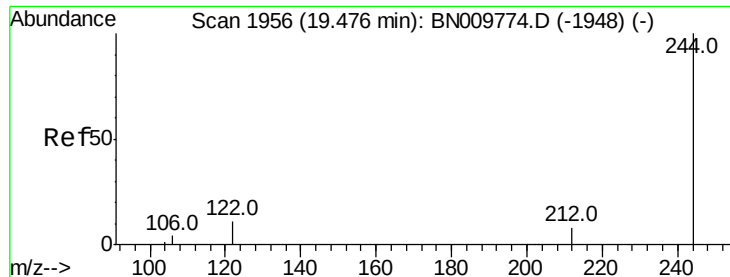


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.085 ng

RT: 19.46 min Scan# 1953

Delta R.T. 0.03 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

DUP02-20200305DL

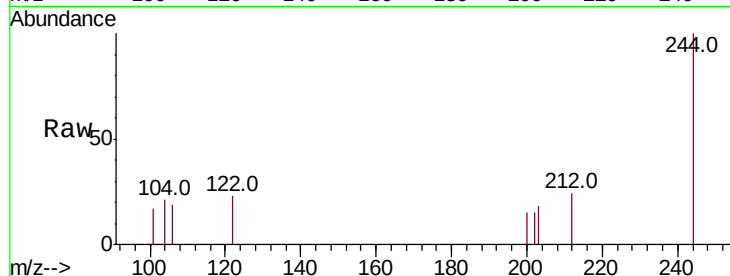
Tot Ion:244 Resp: 635

Ion Ratio Lower Upper

244 100

212 23.8 8.0 12.0#

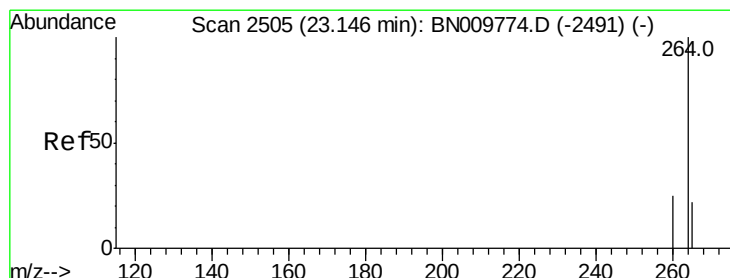
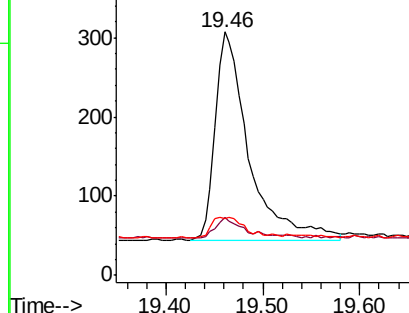
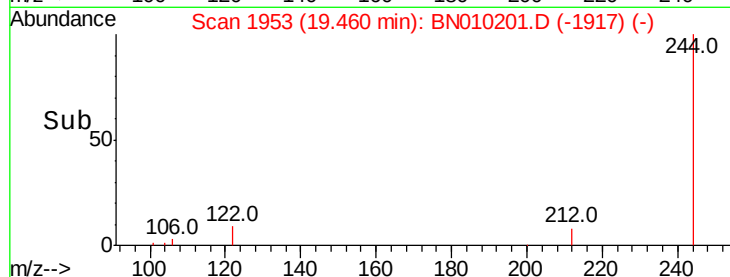
122 23.1 10.0 15.0#



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# 2495

Delta R.T. 0.01 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

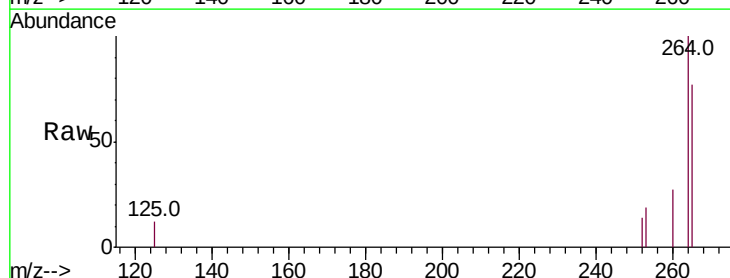
Tgt Ion:264 Resp: 3136

Ion Ratio Lower Upper

264 100

260 27.3 21.1 31.7

265 77.2 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

