

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010344.D
 Acq On : 25 Mar 2020 01:52
 Operator : CG/JU
 Sample : L1997-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20200317

Quant Time: Mar 25 02:41:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5355	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	18984	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11290	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	26605	0.40	ng	0.00
27) Chrysene-d12	21.17	240	27732	0.40	ng	-0.01
34) Perylene-d12	23.35	264	31246	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1533	0.14	ng	0.00
5) Phenol-d6	6.80	99	1162	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	6602	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8937	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1178	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	25784	0.60	ng	-0.01
25) Fluoranthene-d10	19.02	212	24436	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	32103	0.54	ng	0.00

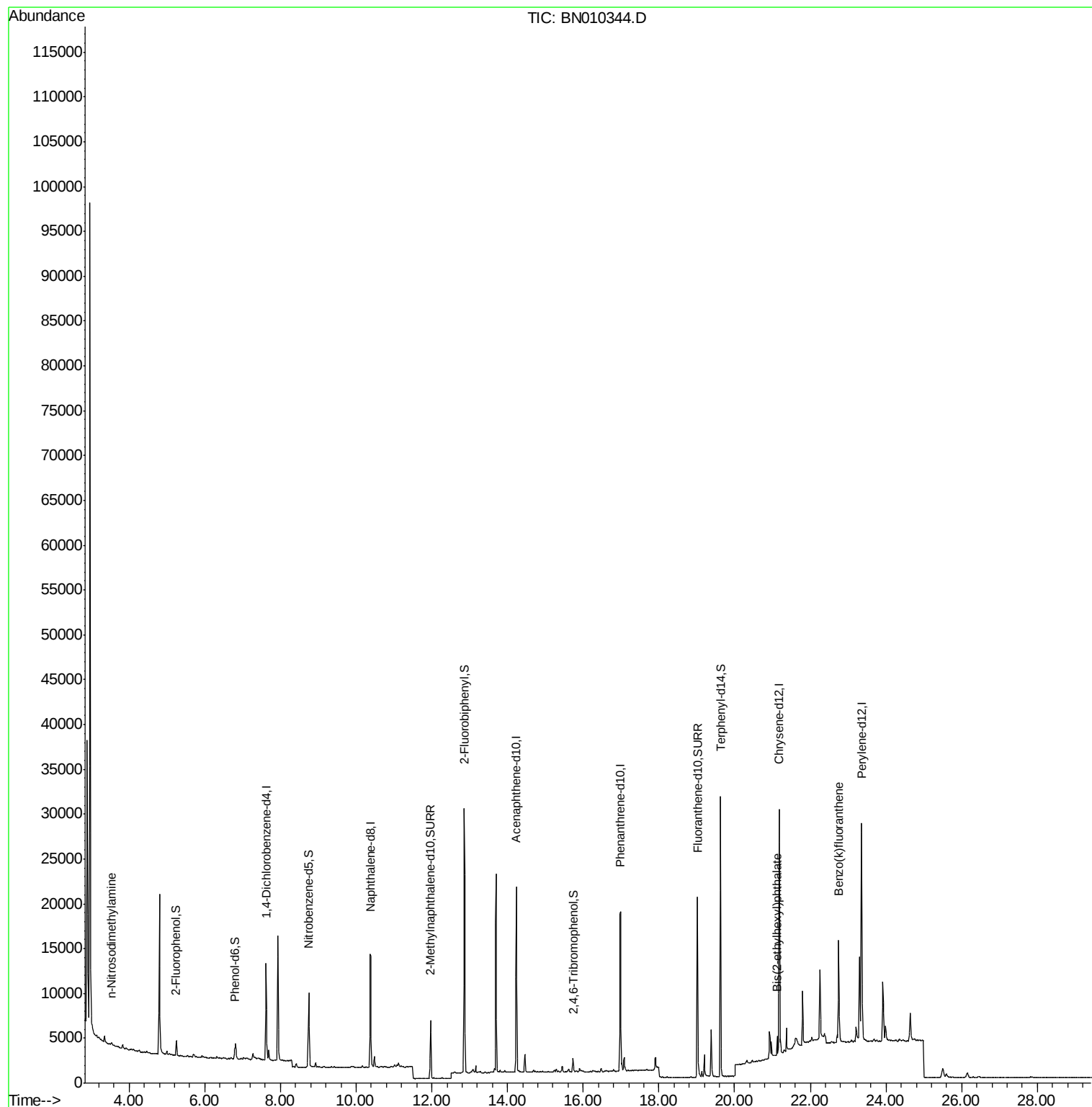
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.54	42	90	0.021	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.12	149	1897	0.064	ng	# 97
36) Benzo(k)fluoranthene	22.75	252	2446	0.023	ng	# 1

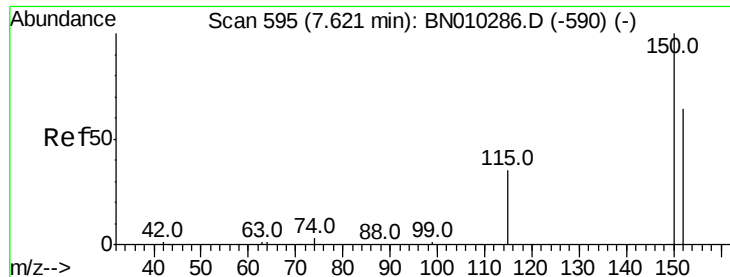
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010344.D
Acq On : 25 Mar 2020 01:52
Operator : CG/JU
Sample : L1997-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE123D3-20200317

Quant Time: Mar 25 02:41:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 595

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

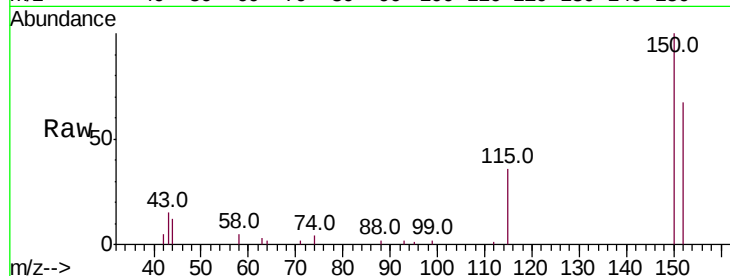
Tot Ion:152 Resp: 5355

Ion Ratio Lower Upper

152 100

150 149.2 123.1 184.7

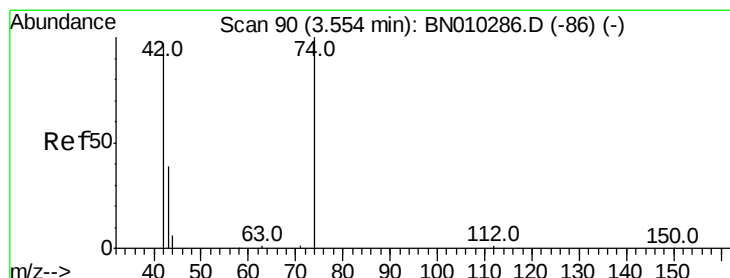
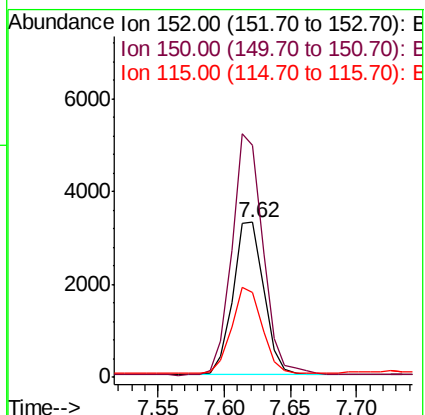
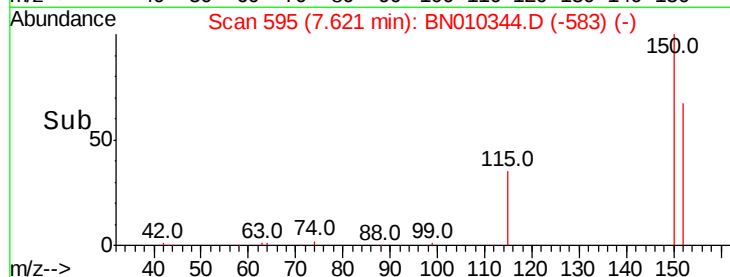
115 54.3 45.2 67.8



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



#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.02 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

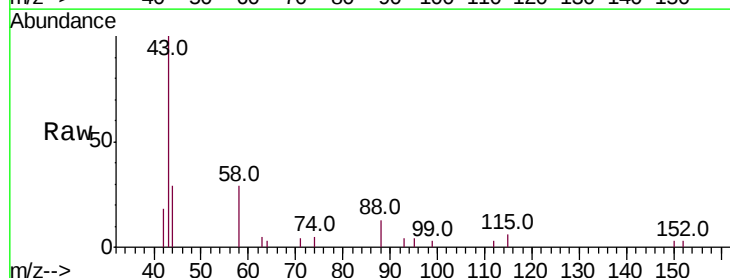
Tgt Ion: 42 Resp: 90

Ion Ratio Lower Upper

42 100

74 0.0 99.4 149.0#

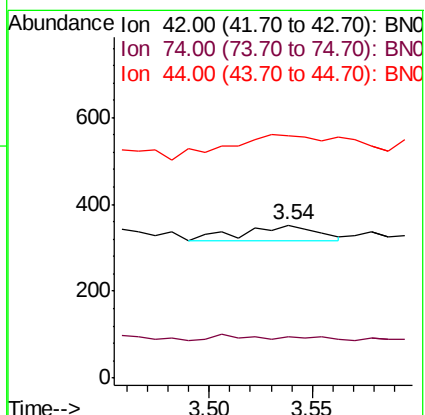
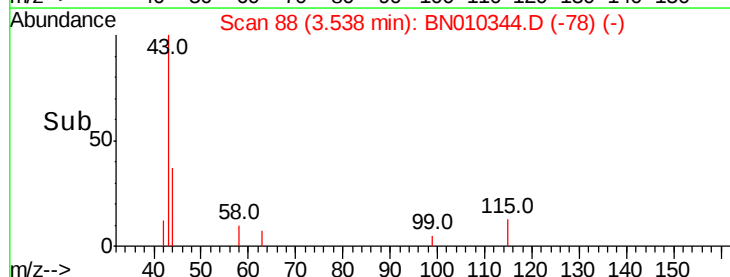
44 287.8 4.8 7.2#

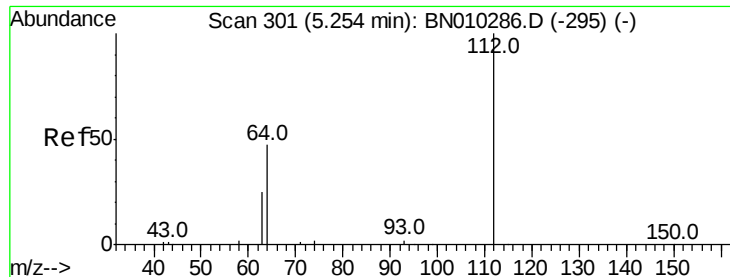


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

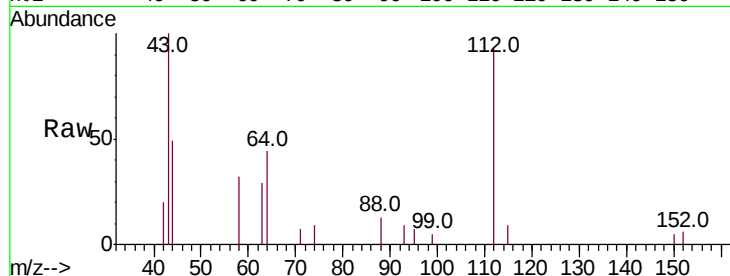
Tot Ion:112 Resp: 1533

Ion Ratio Lower Upper

112 100

64 50.9 41.4 62.2

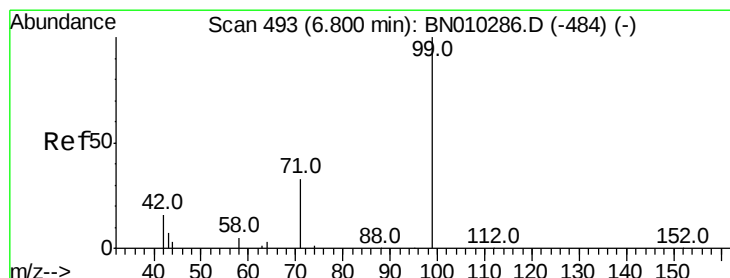
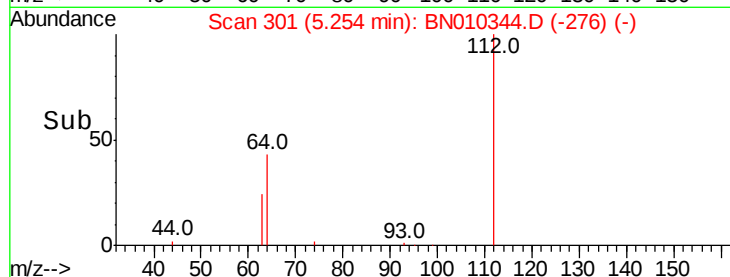
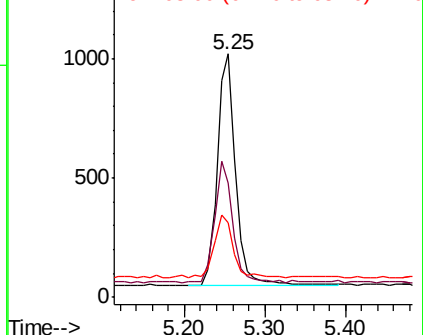
63 27.9 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

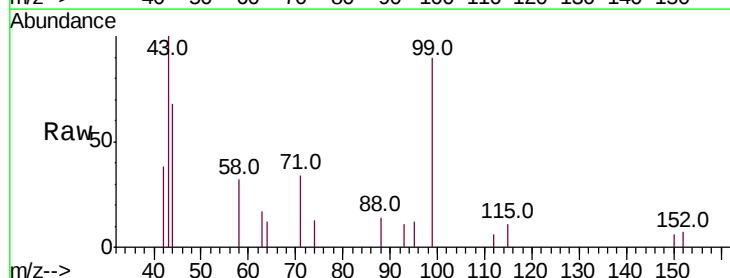
Tgt Ion: 99 Resp: 1162

Ion Ratio Lower Upper

99 100

42 32.4 14.8 22.2#

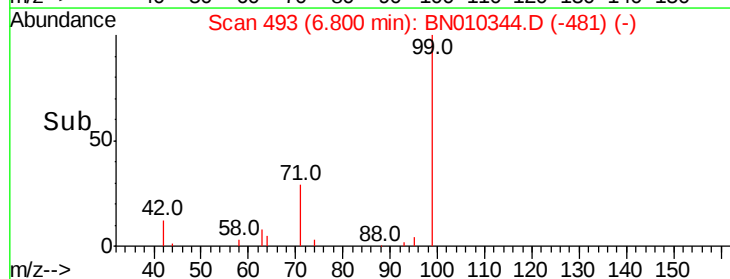
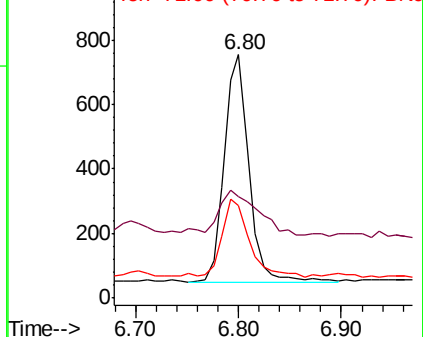
71 38.0 27.3 40.9

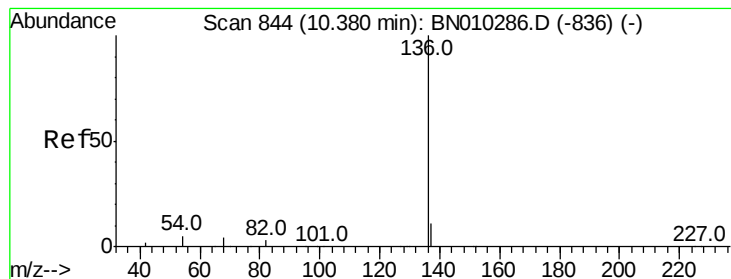


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

Tot Ion:136 Resp: 18984

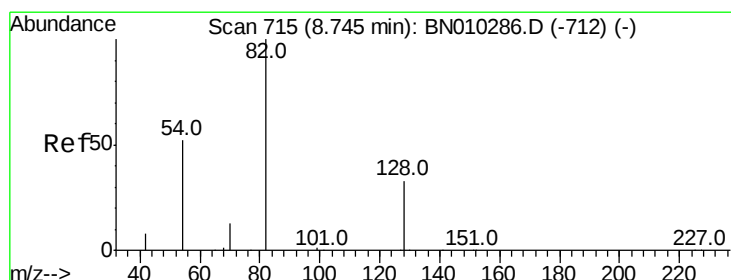
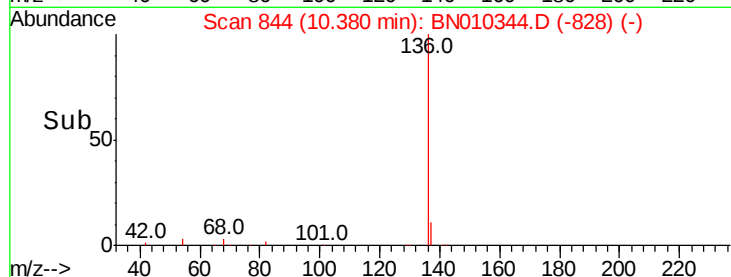
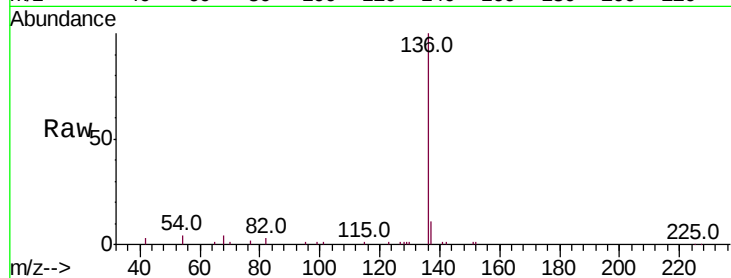
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 4.2 4.8 7.2#

68 3.8 4.1 6.1#



#8

Nitrobenzene-d5

Concen: 0.543 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

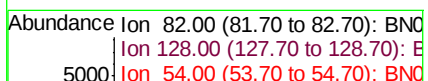
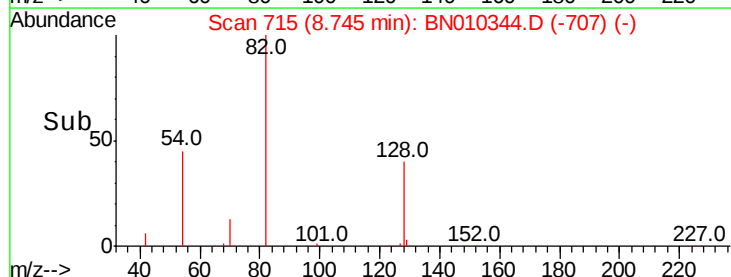
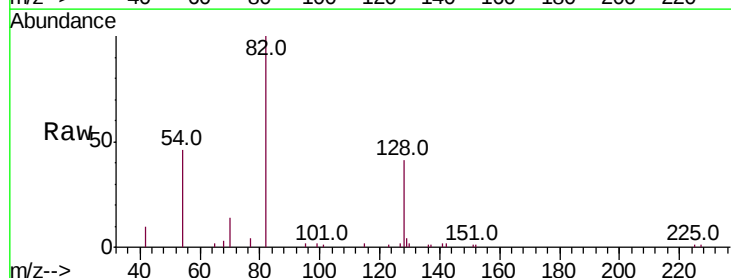
Tgt Ion: 82 Resp: 6602

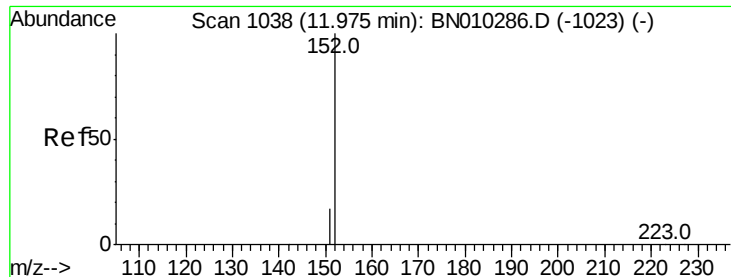
Ion Ratio Lower Upper

82 100

128 41.1 28.8 43.2

54 45.6 42.1 63.1

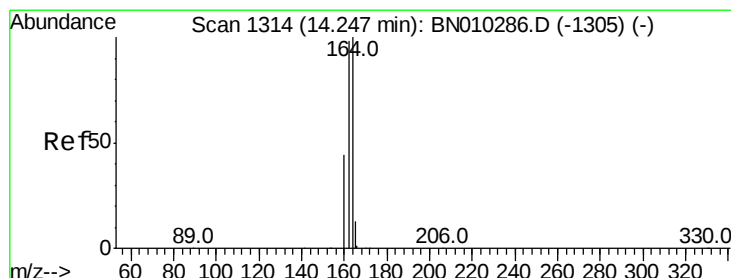
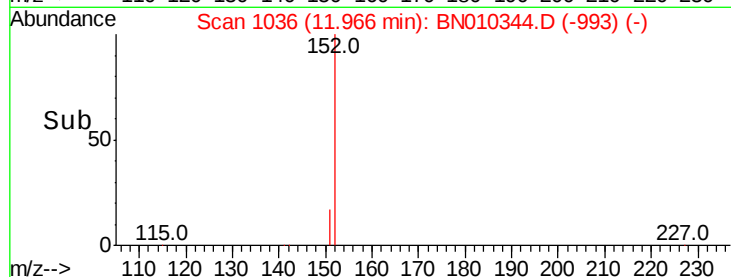
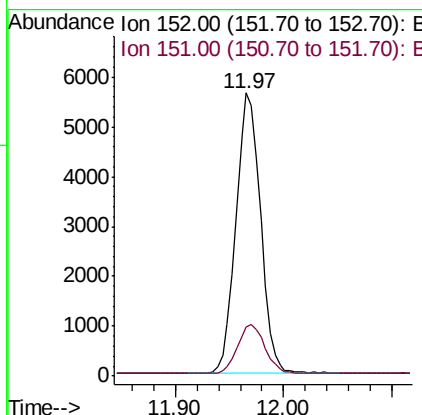
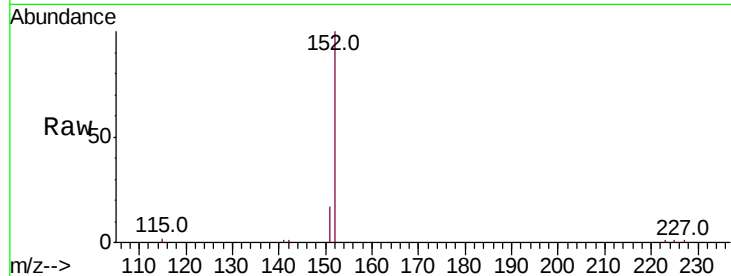




#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010344.D
Acq: 25 Mar 2020 01:52

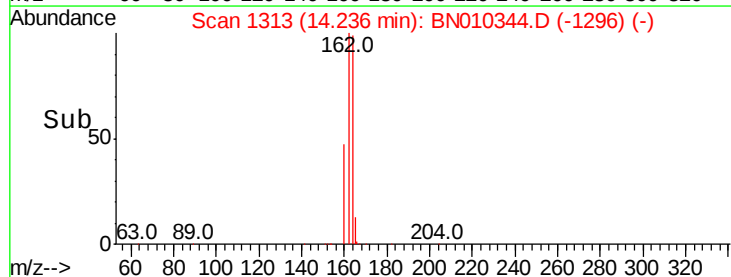
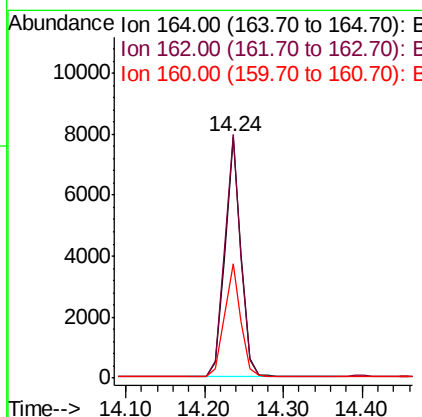
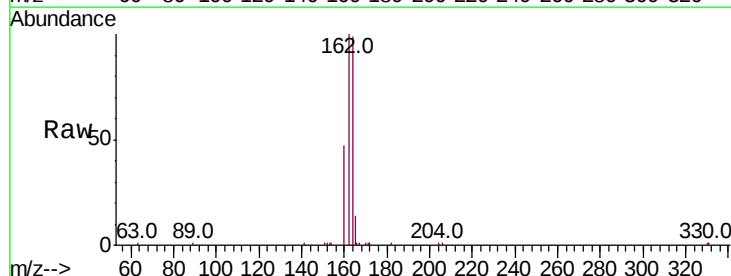
Instrument :
BNA_N
ClientSampleId :
RE123D3-20200317

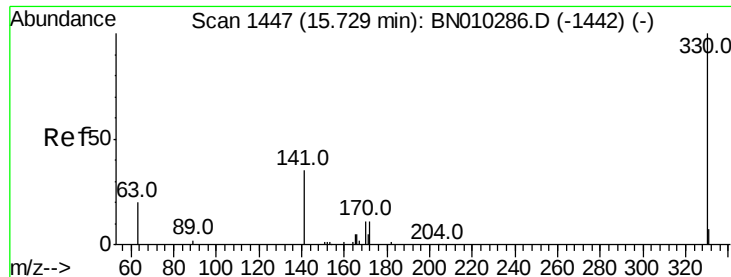
Tot Ion:152 Resp: 8937
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010344.D
Acq: 25 Mar 2020 01:52

Tgt Ion:164 Resp: 11290
Ion Ratio Lower Upper
164 100
162 100.8 78.2 117.2
160 47.5 35.8 53.6

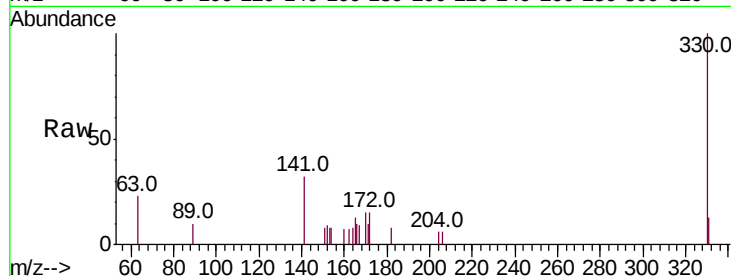




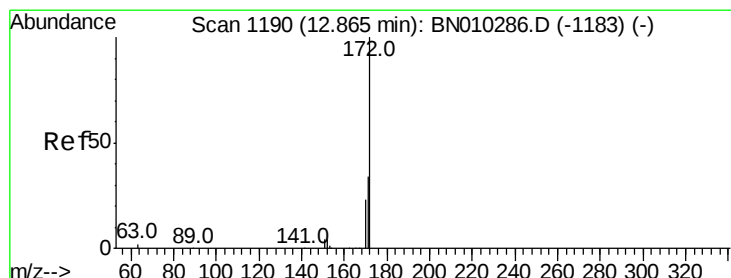
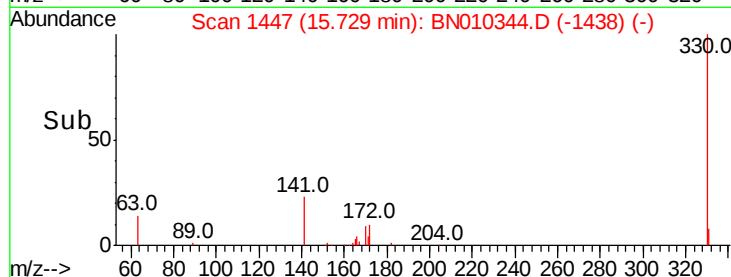
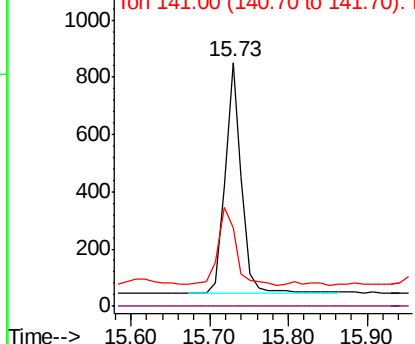
#14
 2,4,6-Tribromophenol
 Concen: 0.271 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010344.D
 Acq: 25 Mar 2020 01:52

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20200317

Tot Ion:330 Resp: 1178
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.8 29.3 43.9

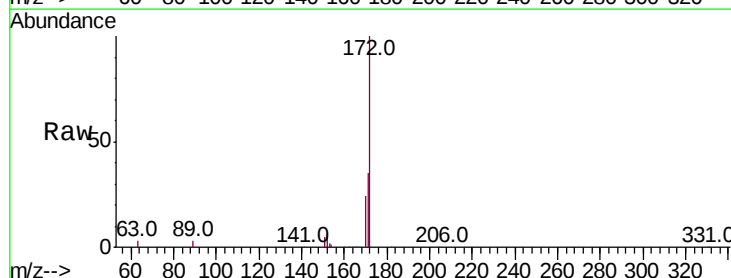


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

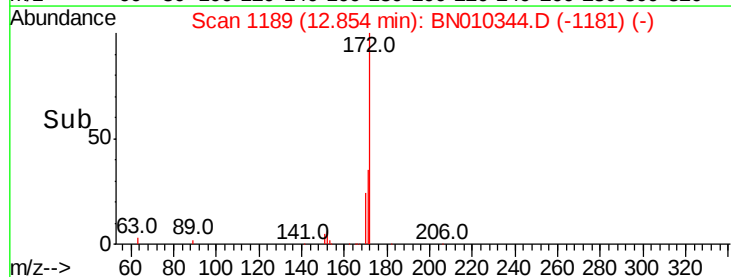
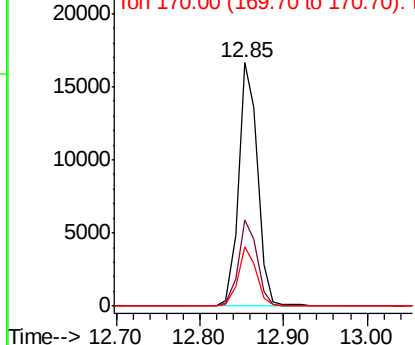


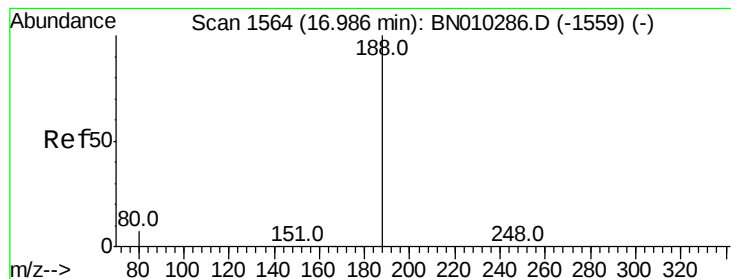
#15
 2-Fluorobiphenyl
 Concen: 0.597 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BN010344.D
 Acq: 25 Mar 2020 01:52

Tgt Ion:172 Resp: 25784
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.6 41.4
 170 24.2 18.5 27.7



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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

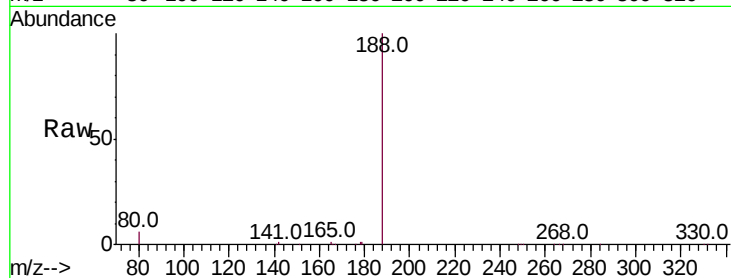
Tot Ion:188 Resp: 26605

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

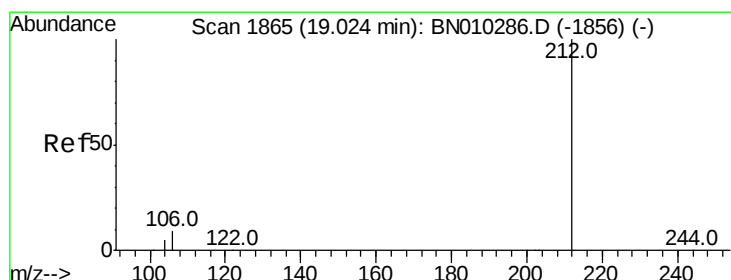
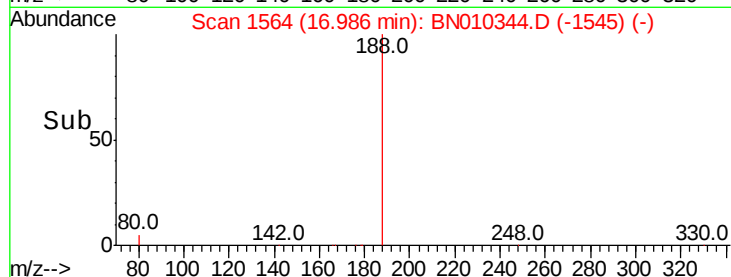
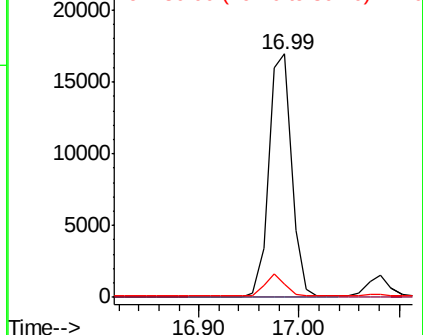
80 5.5 6.0 9.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

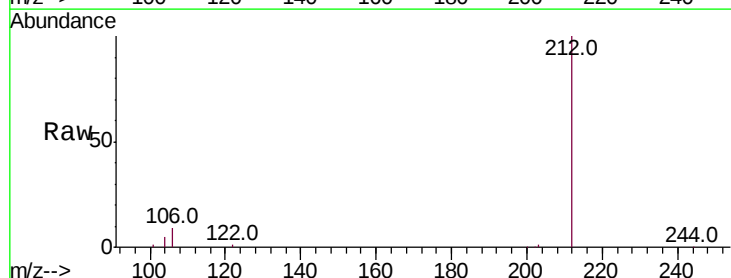
Tgt Ion:212 Resp: 24436

Ion Ratio Lower Upper

212 100

106 9.8 7.4 11.2

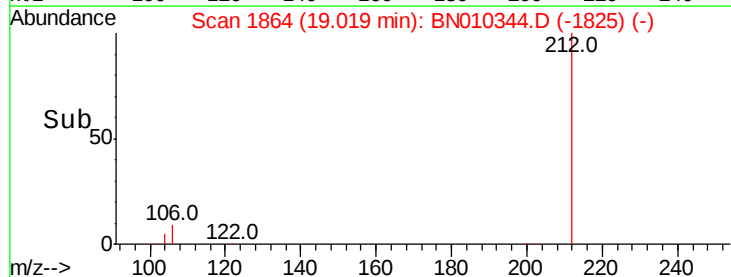
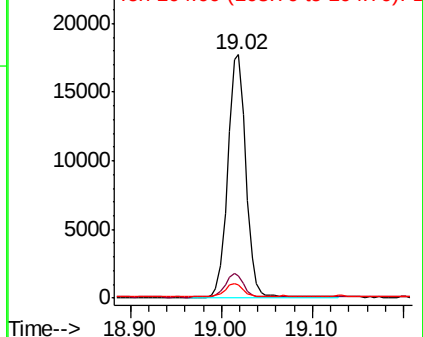
104 5.5 4.2 6.4

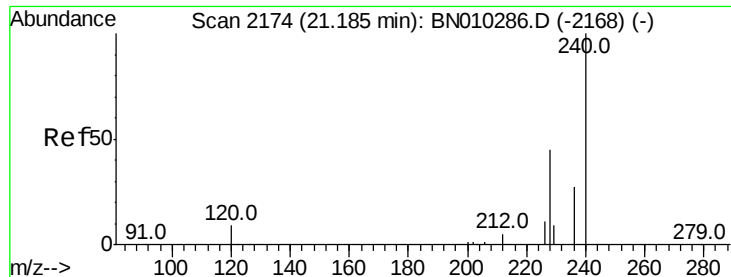


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

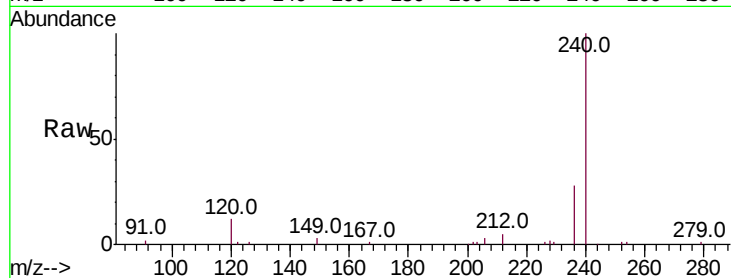
Tot Ion:240 Resp: 27732

Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

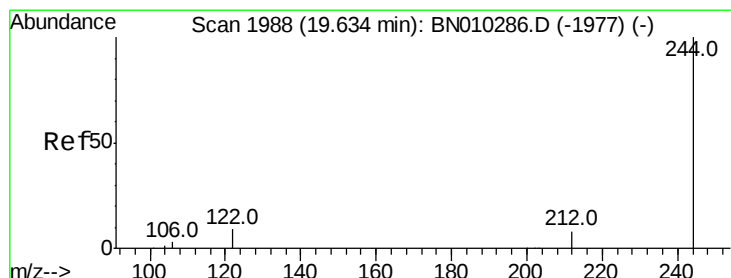
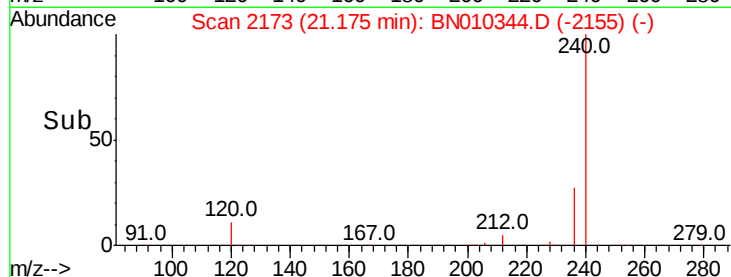
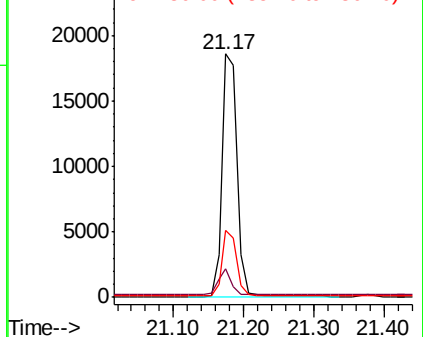
236 27.5 22.2 33.4



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: 0.536 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

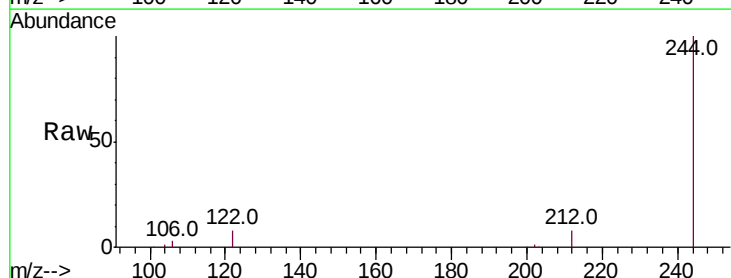
Tgt Ion:244 Resp: 32103

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

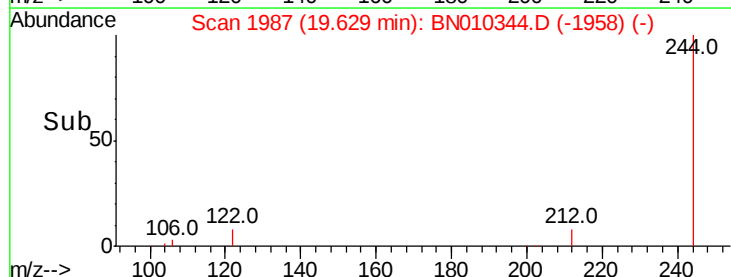
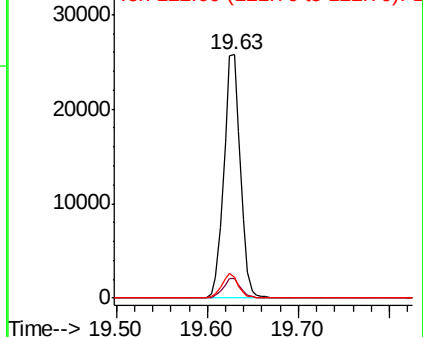
122 8.3 7.6 11.4

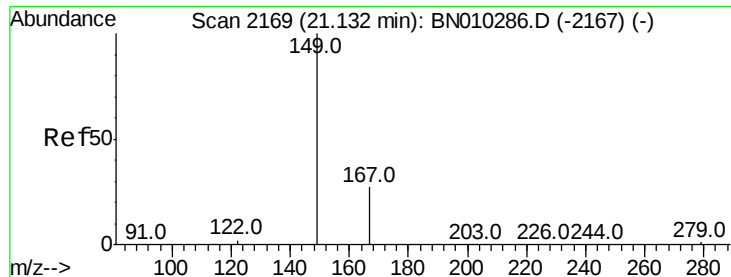


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

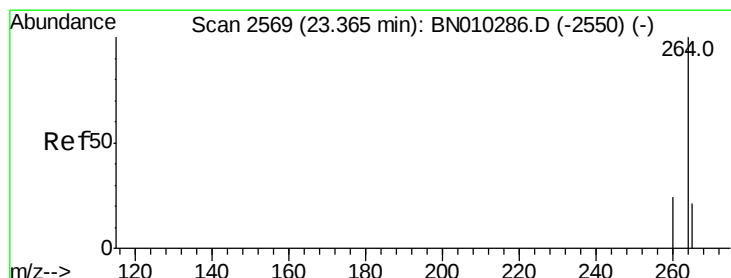
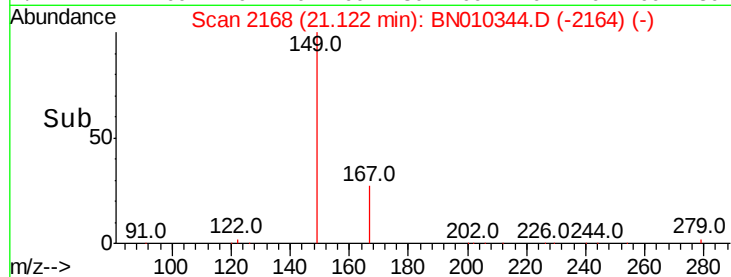
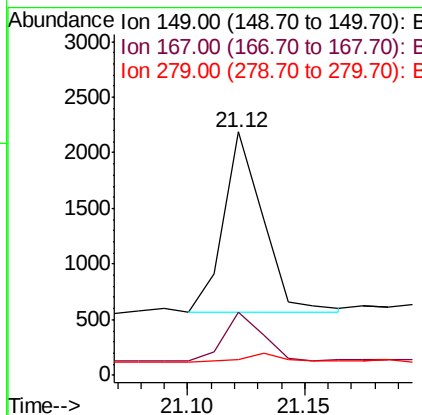
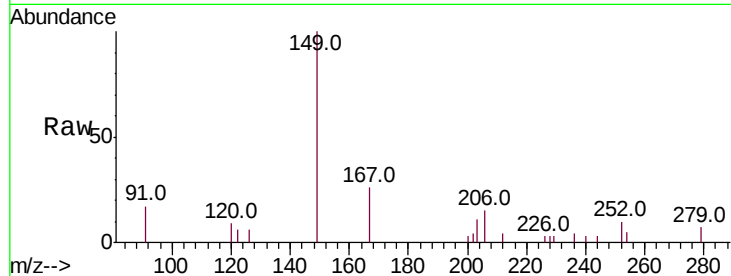




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010344.D
 Acq: 25 Mar 2020 01:52

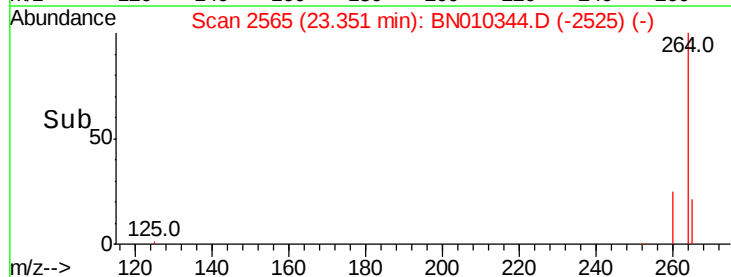
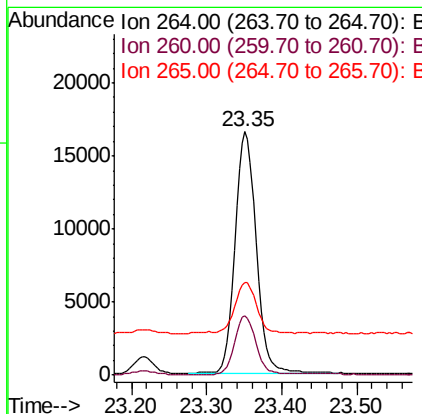
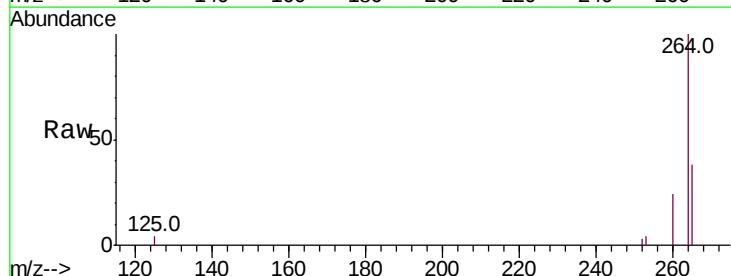
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20200317

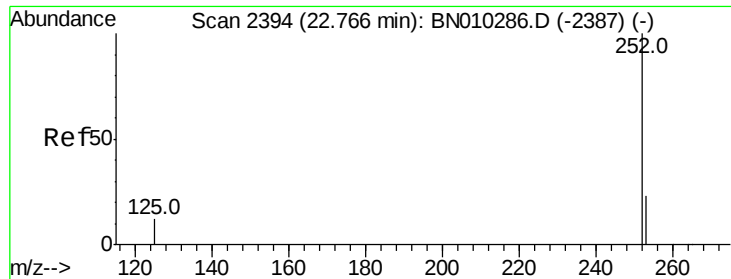
Tot Ion:149 Resp: 1897
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.0 34.6
 279 6.1 3.8 5.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BN010344.D
 Acq: 25 Mar 2020 01:52

Tgt Ion:264 Resp: 31246
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 38.3 32.4 48.6





#36

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 22.75 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN010344.D

Acq: 25 Mar 2020 01:52

Instrument :

BNA_N

ClientSampleId :

RE123D3-20200317

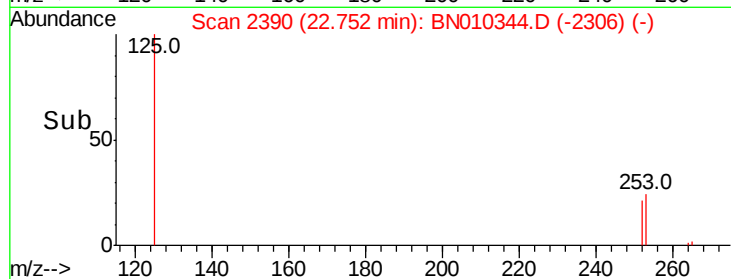
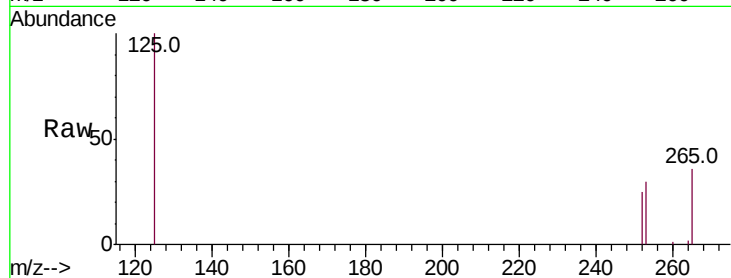
Tot Ion:252 Resp: 2446

Ion Ratio Lower Upper

252 100

253 118.9 19.4 29.0#

125 397.8 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

