

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004852.D
 Acq On : 21 Mar 2019 16:26
 Operator : JU/SJ
 Sample : K1965-11DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315DL

Quant Time: Mar 22 02:01:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

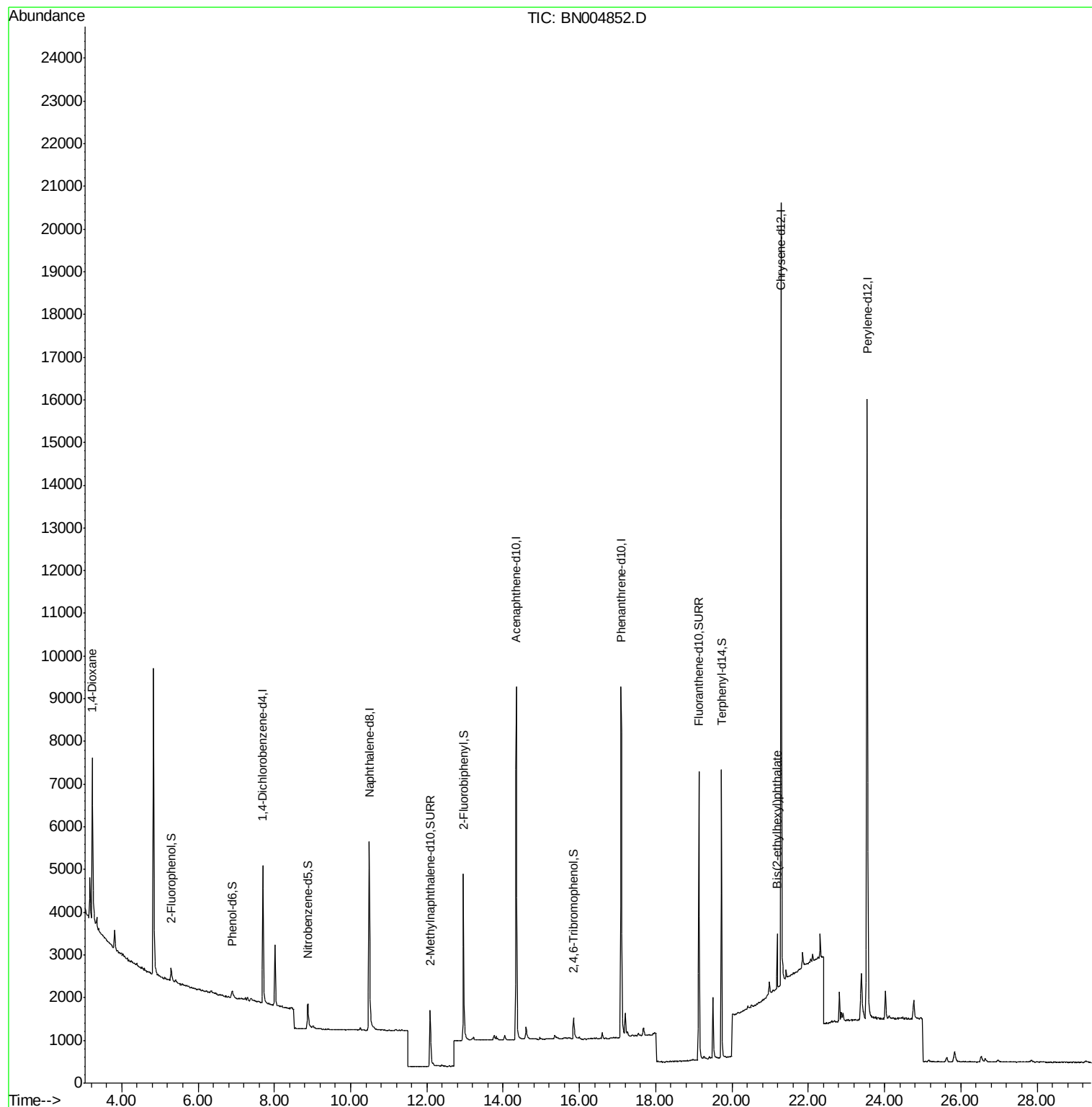
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1742	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7791	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5143	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13251	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17912	0.40	ng	0.00
34) Perylene-d12	23.54	264	20133	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	376	0.08	ng	0.00
5) Phenol-d6	6.89	99	278	0.05	ng	0.00
8) Nitrobenzene-d5	8.88	82	817	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	12.08	152	2417	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	594	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	4103	0.19	ng	0.00
25) Fluoranthene-d10	19.13	212	8335	0.19	ng	0.00
29) Terphenyl-d14	19.73	244	7088	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	3039	1.535	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	1188	0.051	ng	99

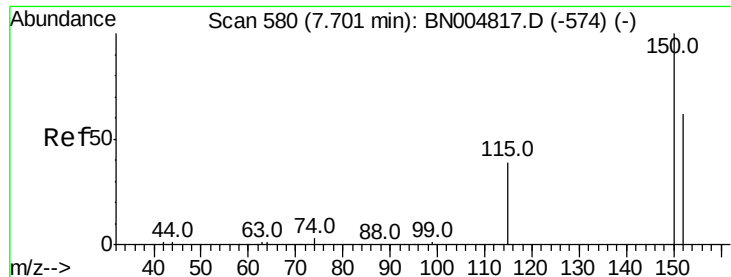
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPS1-TT-MW30211-20190315DL

Quant Time: Mar 22 02:01:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

BPS1-TT-MW30211-20190315DL

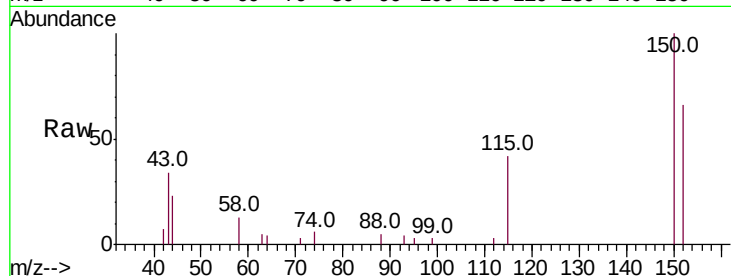
Tot Ion:152 Resp: 1742

Ion Ratio Lower Upper

152 100

150 152.3 126.2 189.4

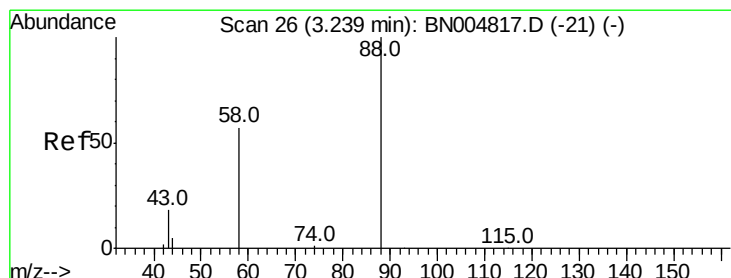
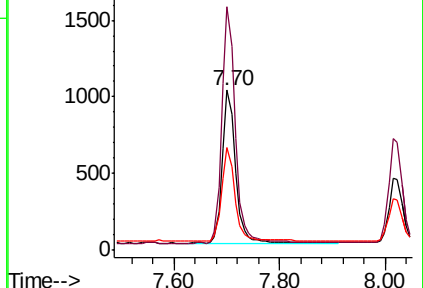
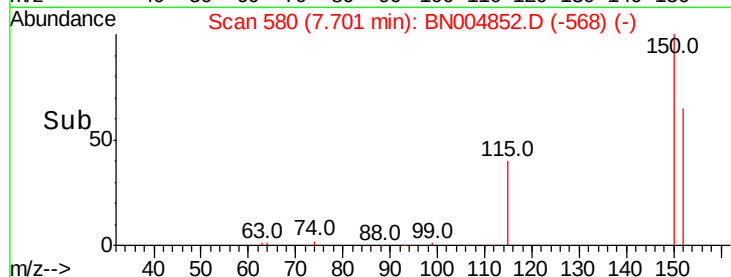
115 64.7 52.6 79.0



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: 1.535 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

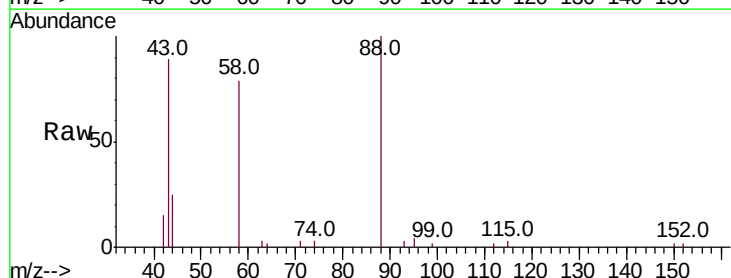
Tgt Ion: 88 Resp: 3039

Ion Ratio Lower Upper

88 100

58 65.1 51.4 77.2

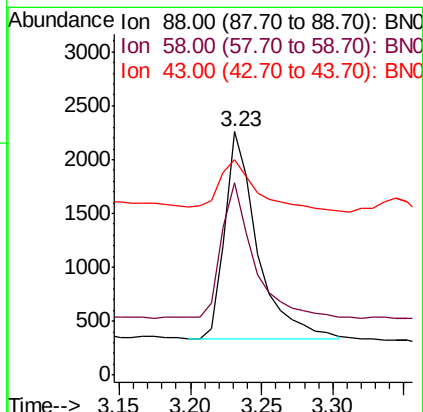
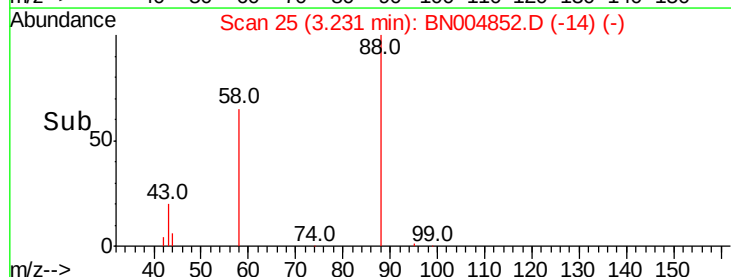
43 28.6 20.0 30.0

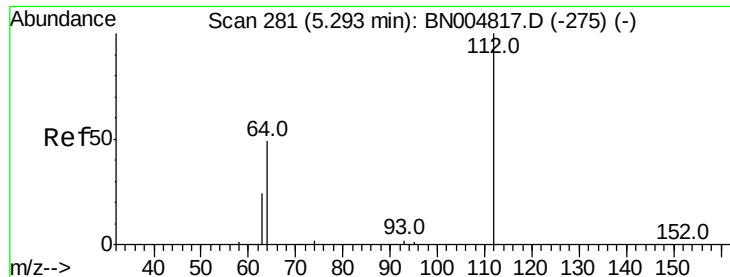


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.079 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

BPS1-TT-MW30211-20190315DL

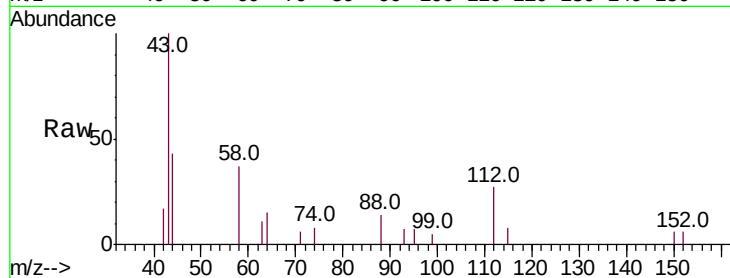
Tot Ion:112 Resp: 376

Ion Ratio Lower Upper

112 100

64 51.9 40.0 60.0

63 30.6 20.2 30.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.30

250

200

150

100

50

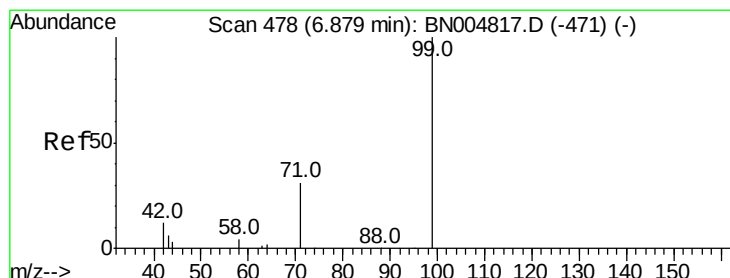
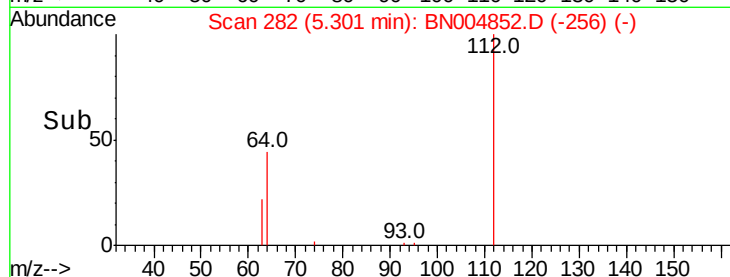
0

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.047 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

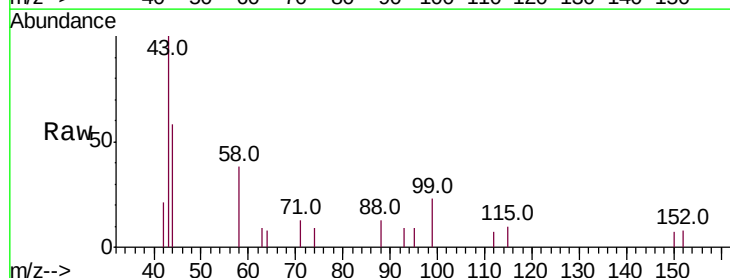
Tgt Ion: 99 Resp: 278

Ion Ratio Lower Upper

99 100

42 16.2 12.7 19.1

71 27.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.89

150

100

50

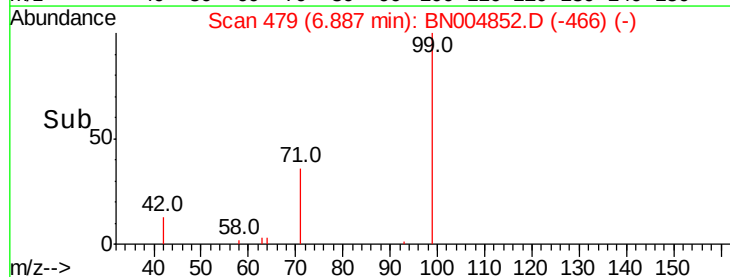
0

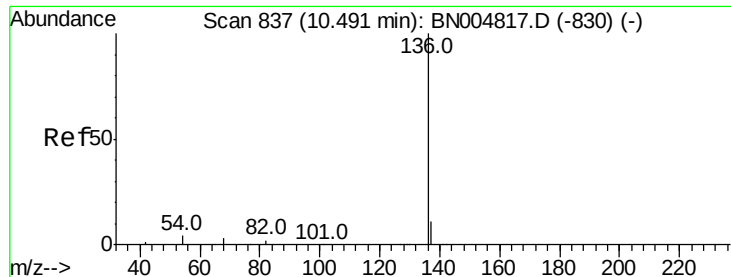
6.80

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

BPS1-TT-MW30211-20190315DL

Tot Ion:136 Resp: 7791

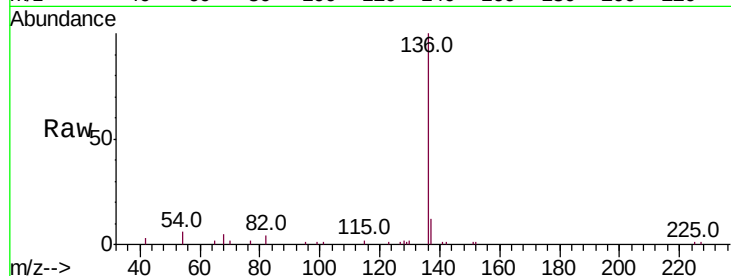
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 5.5 4.2 6.2

68 5.0 3.9 5.9

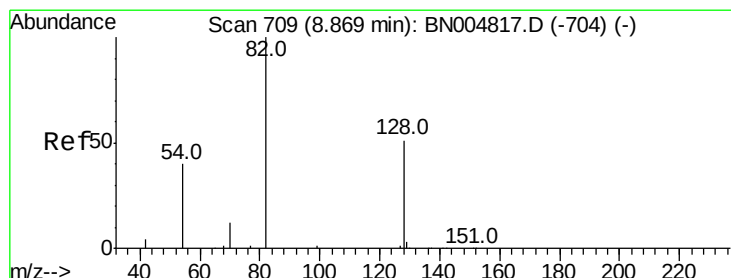
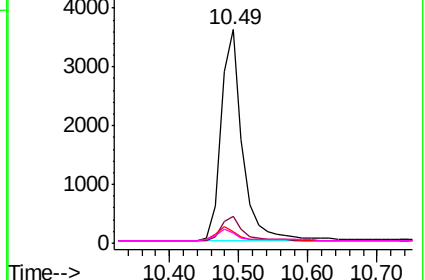
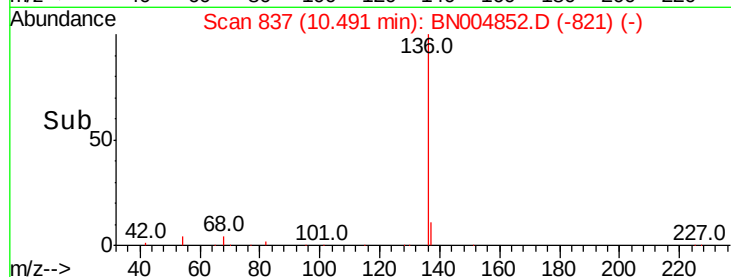


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.159 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

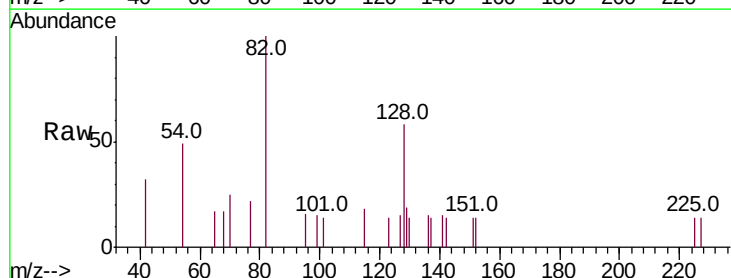
Tgt Ion: 82 Resp: 817

Ion Ratio Lower Upper

82 100

128 58.3 43.0 64.6

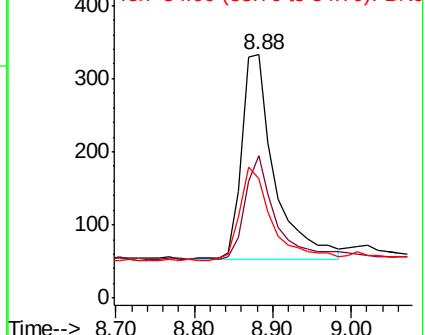
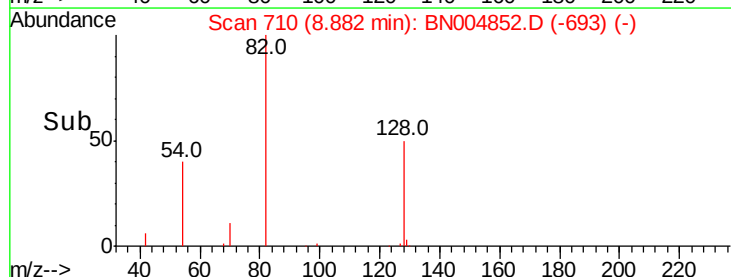
54 49.2 35.3 52.9

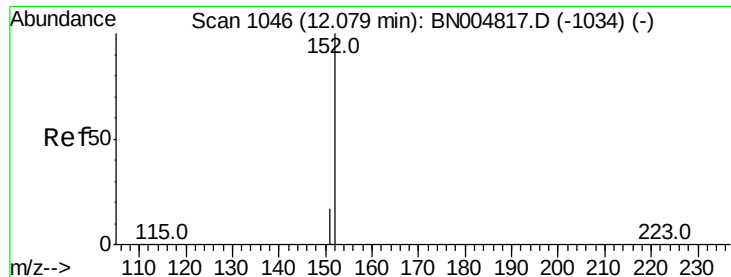


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

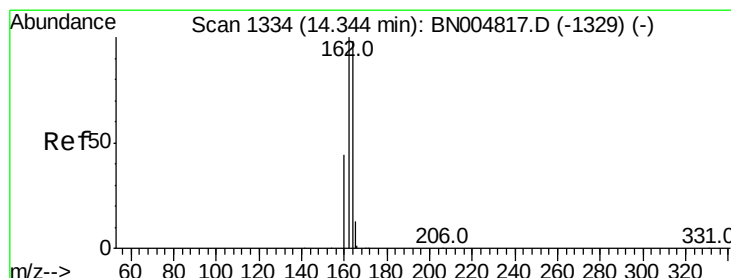
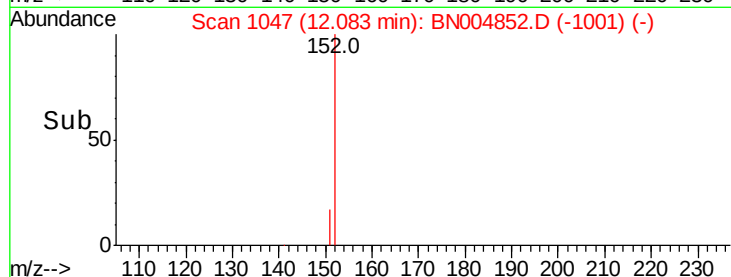
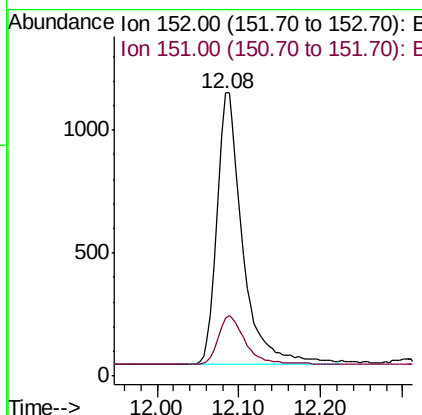
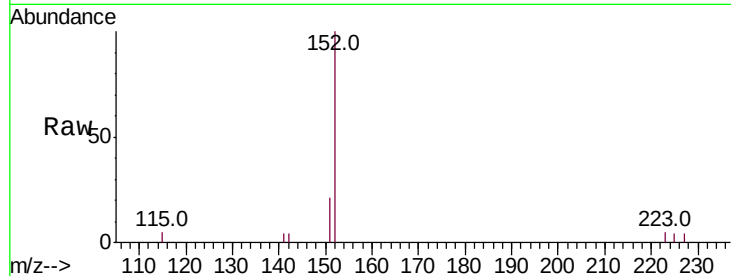




#11
 2-Methylnaphthalene-d10
 Concen: 0.178 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

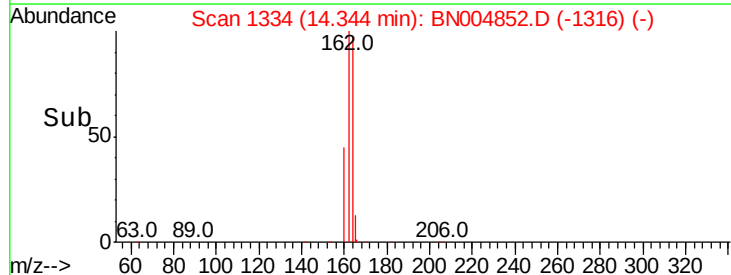
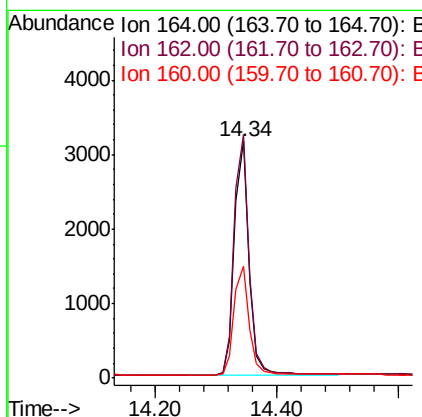
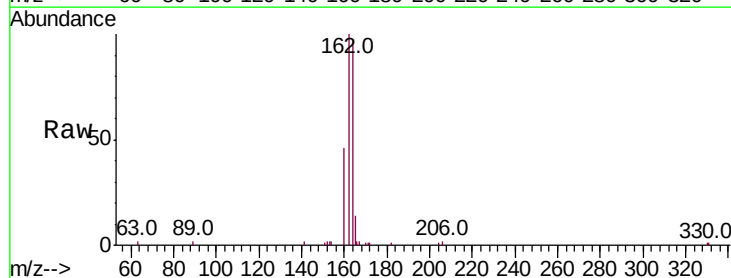
Instrument :
 BNA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315DL

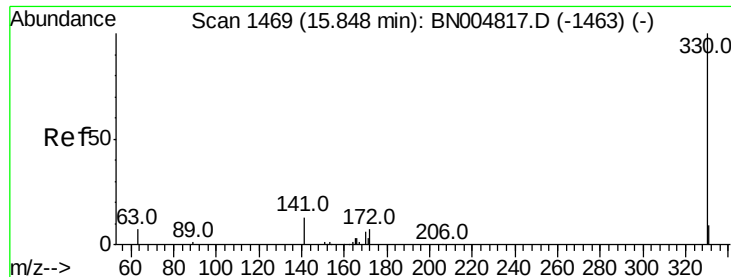
Tot Ion:152 Resp: 2417
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.5 23.3



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.34 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

Tgt Ion:164 Resp: 5143
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.9 122.9
 160 47.0 36.6 54.8

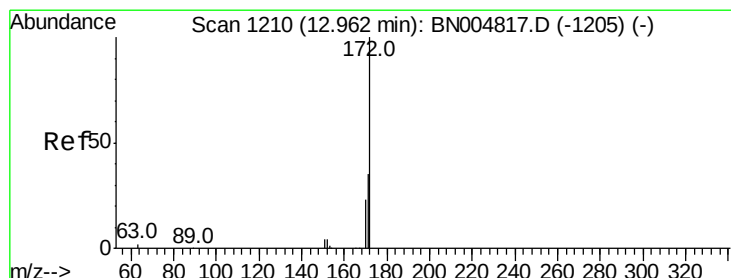
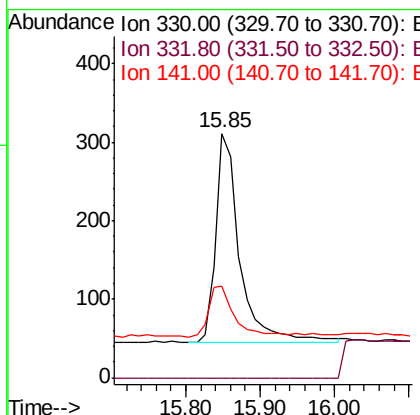
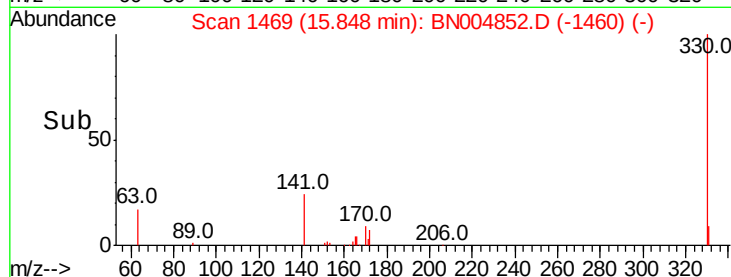
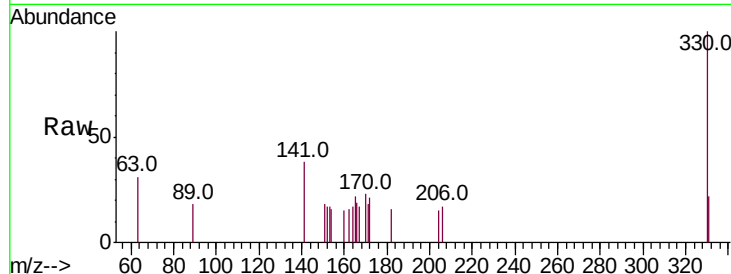




#14
 2,4,6-Tribromophenol
 Concen: 0.167 ng
 RT: 15.85 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

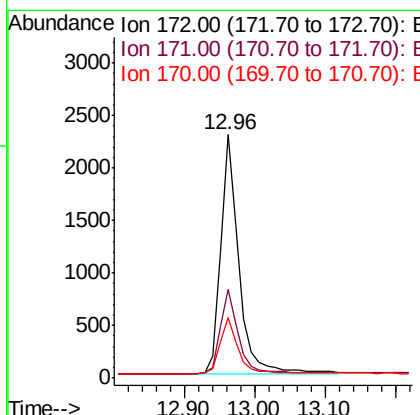
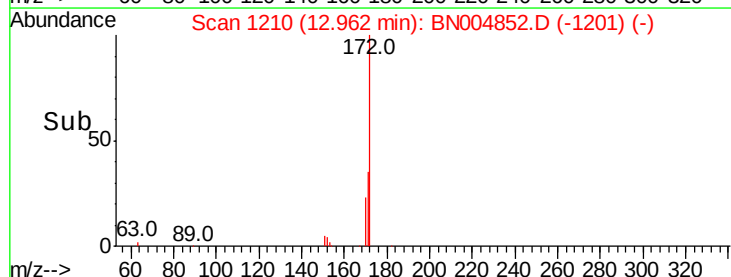
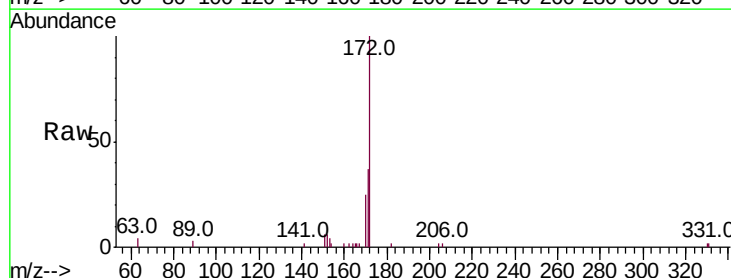
Instrument :
 BNA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315DL

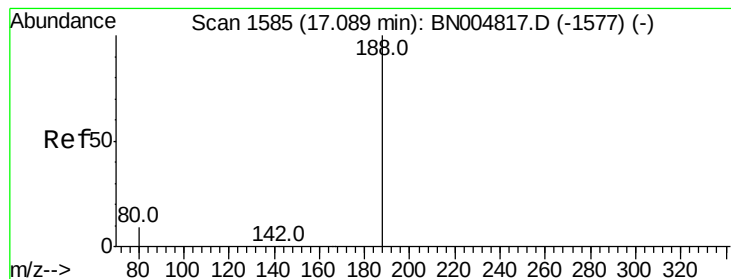
Tot Ion:330 Resp: 594
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.3 20.9 31.3



#15
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

Tgt Ion:172 Resp: 4103
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.7 43.1
 170 24.8 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

BPS1-TT-MW30211-20190315DL

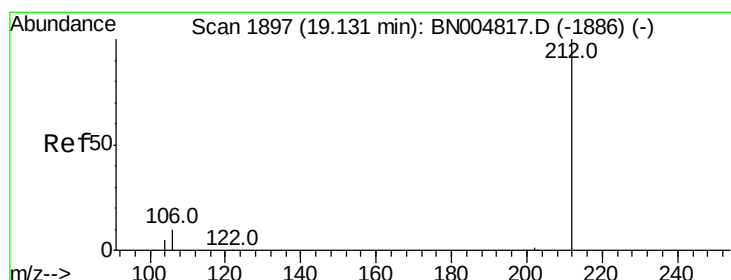
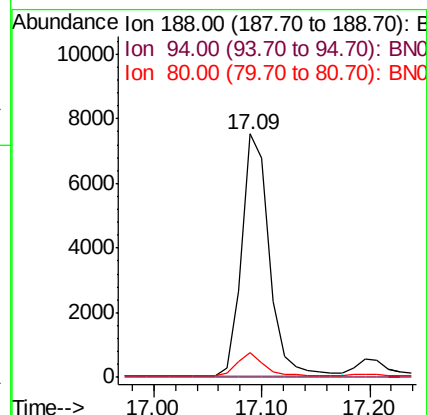
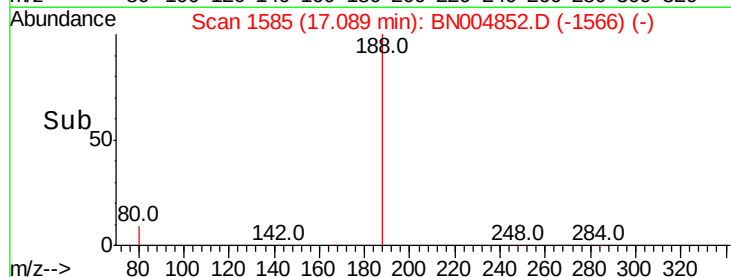
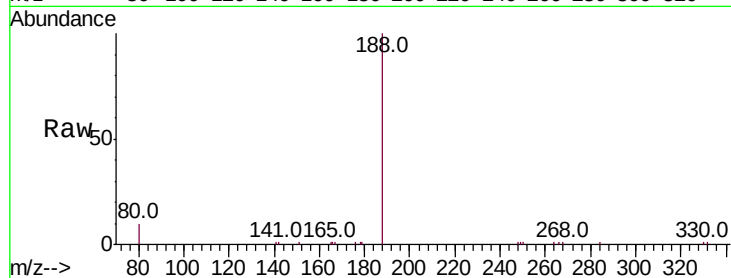
Tot Ion:188 Resp: 13251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 7.4 11.2



#25

Fluoranthene-d10

Concen: 0.188 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

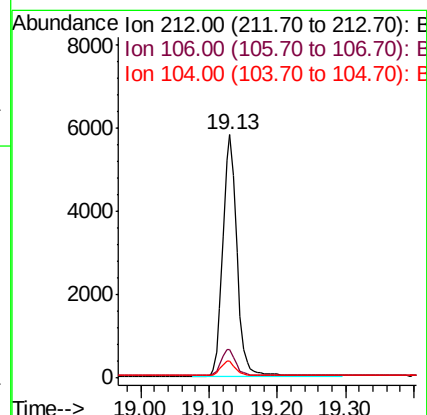
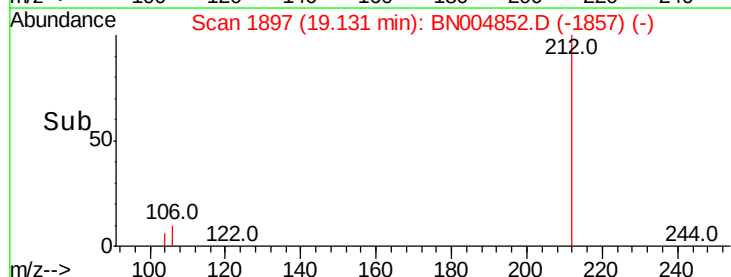
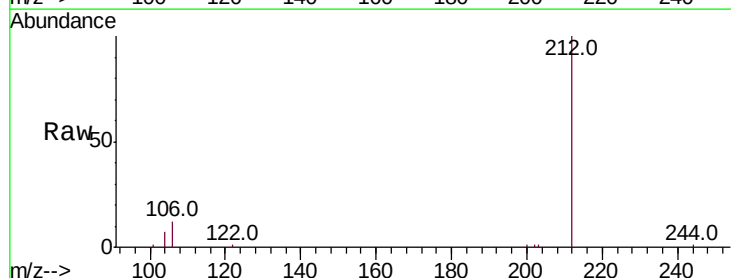
Tgt Ion:212 Resp: 8335

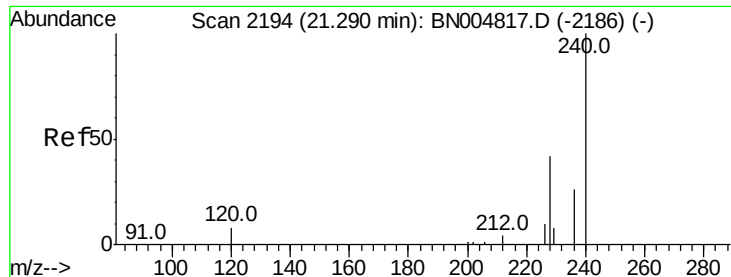
Ion Ratio Lower Upper

212 100

106 10.7 8.6 13.0

104 6.1 4.7 7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

Instrument :

BNA_N

ClientSampleId :

BPS1-TT-MW30211-20190315DL

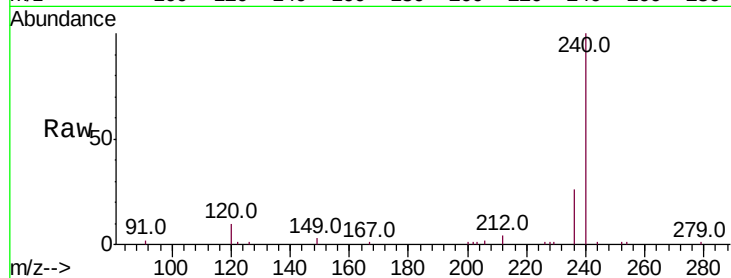
Tot Ion:240 Resp: 17912

Ion Ratio Lower Upper

240 100

120 9.5 7.2 10.8

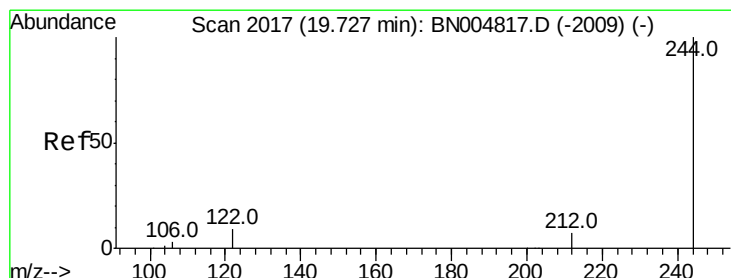
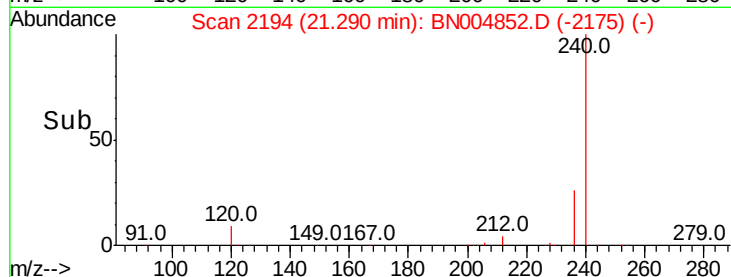
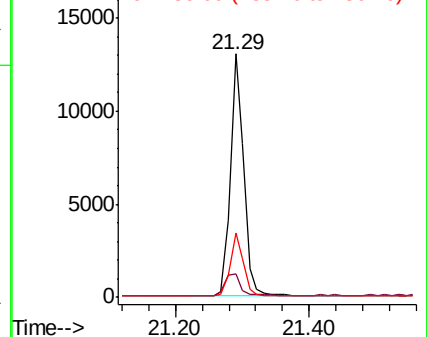
236 26.3 20.9 31.3



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: 0.193 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004852.D

Acq: 21 Mar 2019 16:26

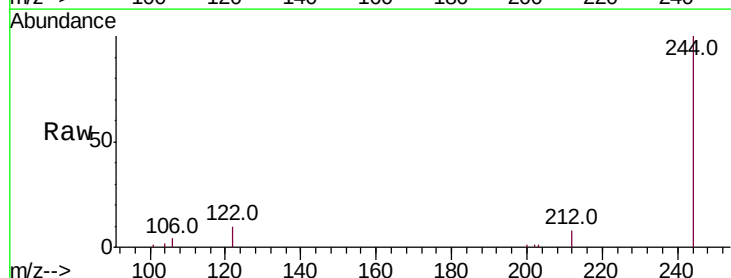
Tgt Ion:244 Resp: 7088

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

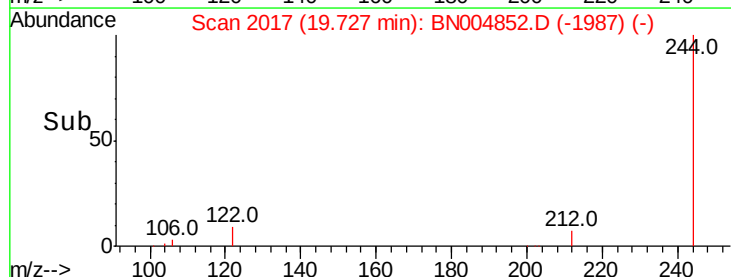
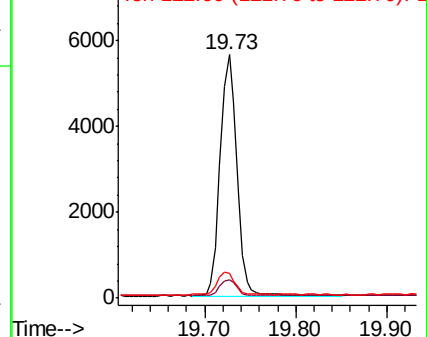
122 10.3 7.9 11.9

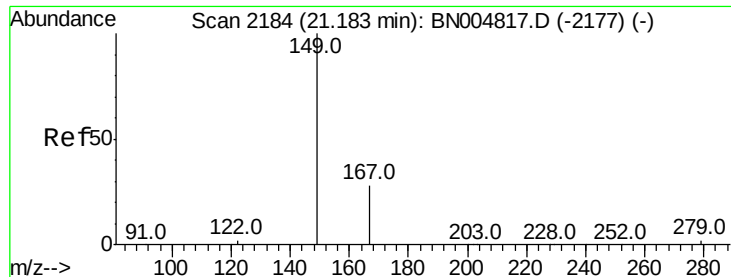


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

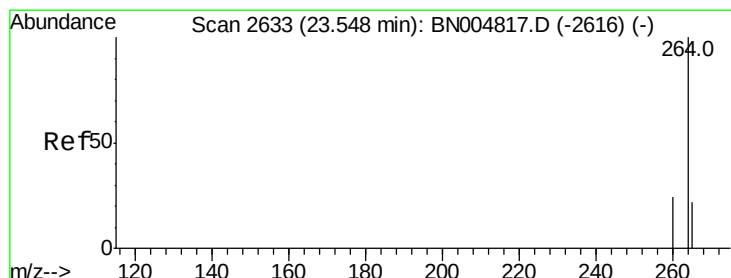
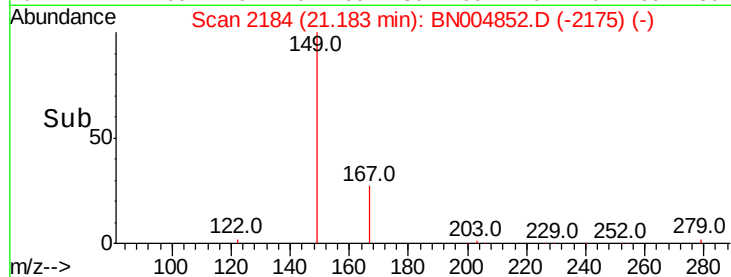
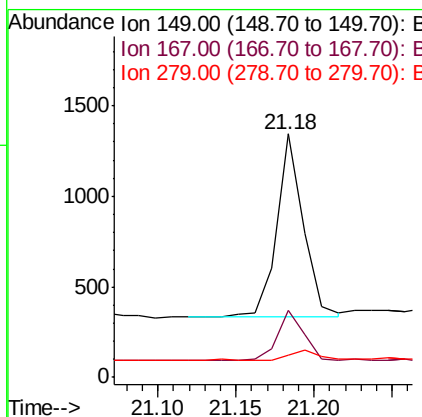
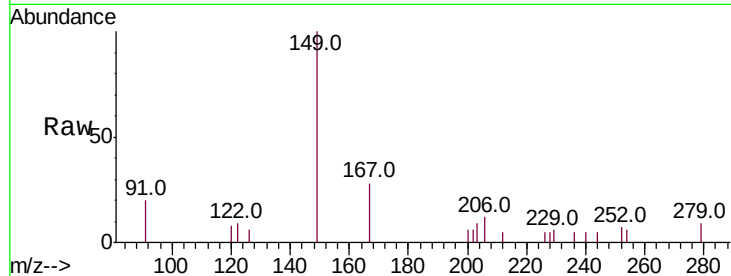




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.18 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315DL

Tot Ion:149 Resp: 1188
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.0 34.4
 279 6.6 4.6 6.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: BN004852.D
 Acq: 21 Mar 2019 16:26

Tgt Ion:264 Resp: 20133
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 27.8 23.1 34.7

