

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004851.D
 Acq On : 21 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1938-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-2

Quant Time: Mar 22 02:01:12 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

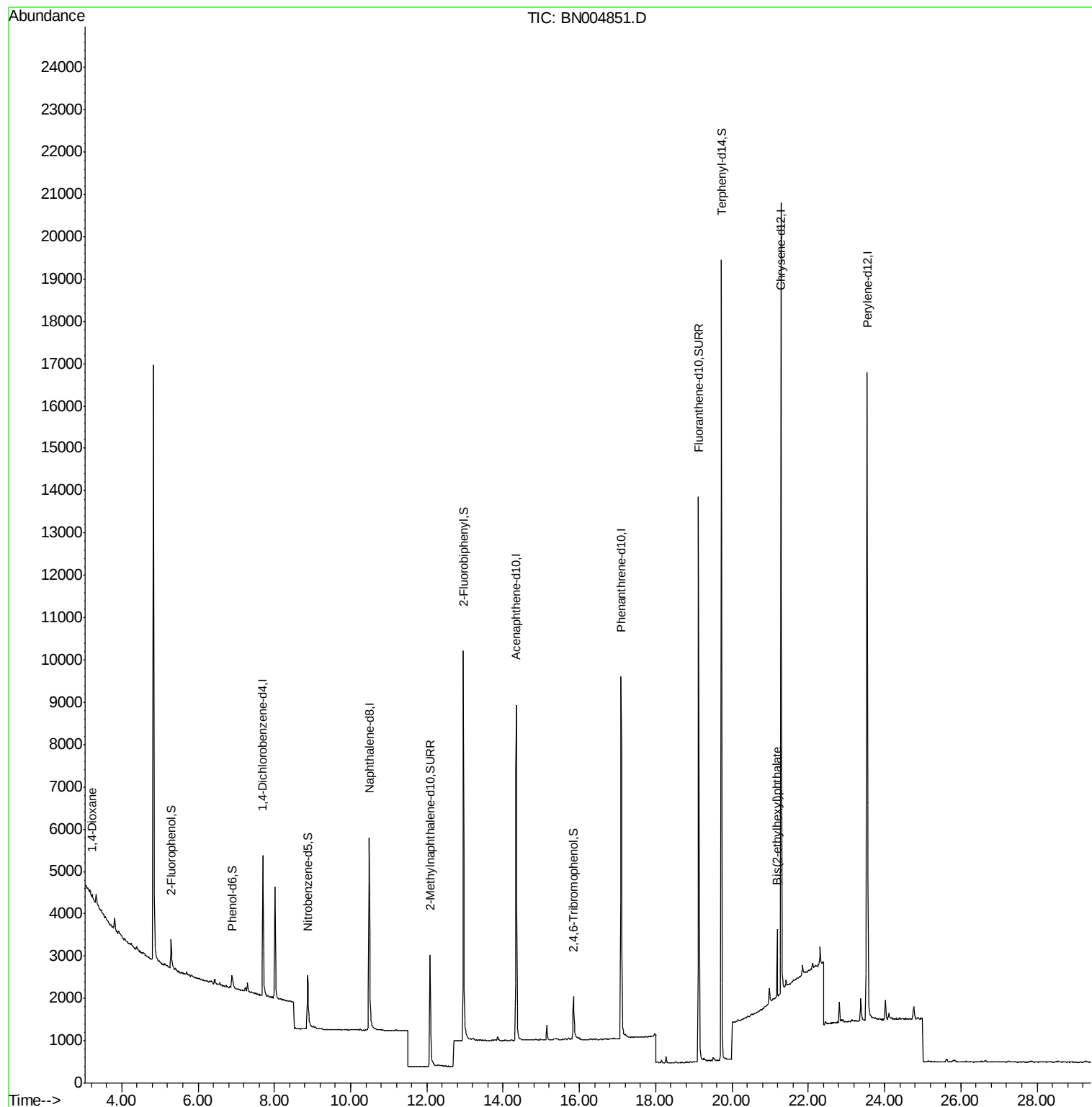
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1810	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7804	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5125	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13477	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18372	0.40	ng	0.00
34) Perylene-d12	23.54	264	20933	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	755	0.15	ng	0.00
5) Phenol-d6	6.89	99	559	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	1651	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4505	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1232	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	9259	0.44	ng	0.00
25) Fluoranthene-d10	19.13	212	16792	0.37	ng	0.00
29) Terphenyl-d14	19.72	244	19699	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	89	0.043	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.18	149	1357	0.056	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

W-2

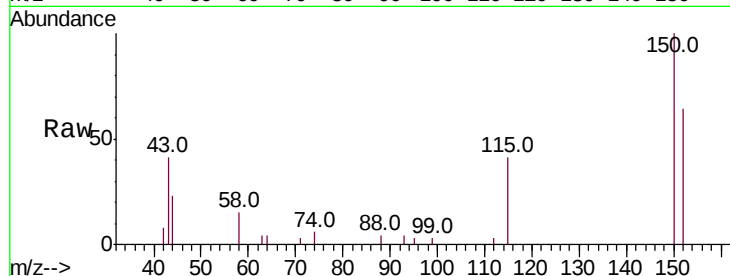
Tot Ion:152 Resp: 1810

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.4

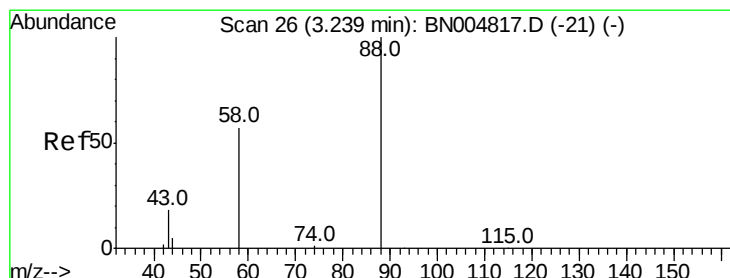
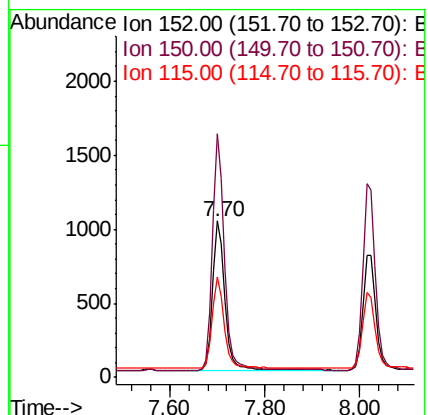
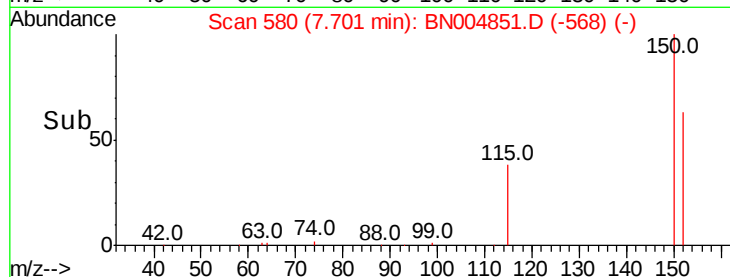
115 63.9 52.6 79.0



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: 0.043 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

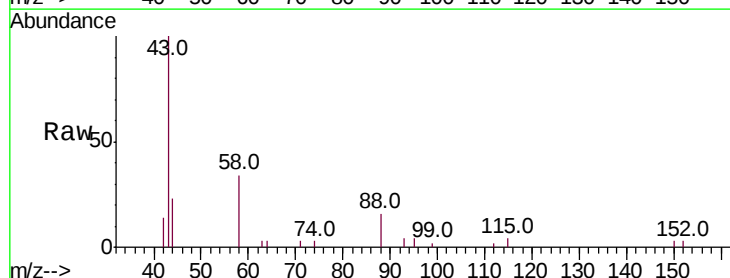
Tgt Ion: 88 Resp: 89

Ion Ratio Lower Upper

88 100

58 158.4 51.4 77.2#

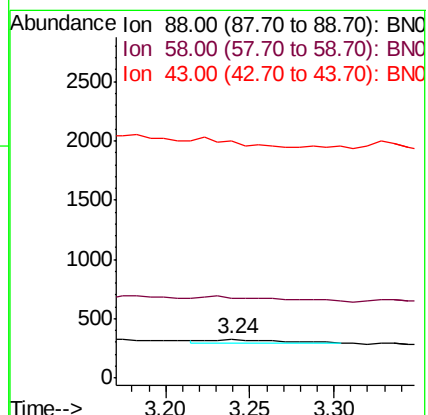
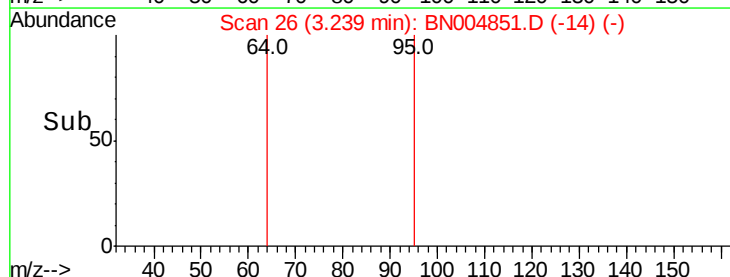
43 0.0 20.0 30.0#

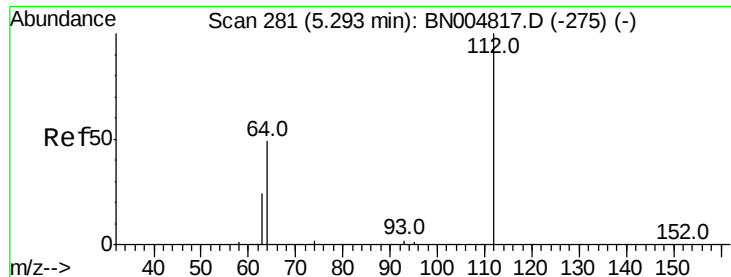


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

W-2

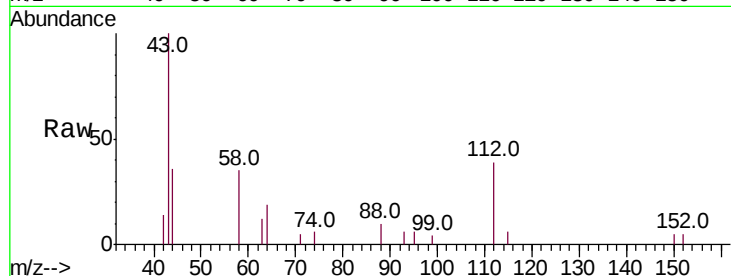
Tot Ion:112 Resp: 755

Ion Ratio Lower Upper

112 100

64 49.7 40.0 60.0

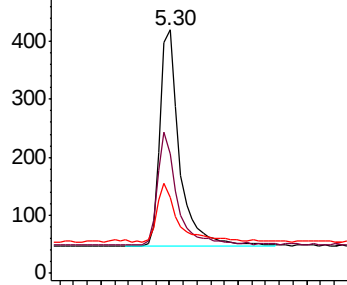
63 29.8 20.2 30.2



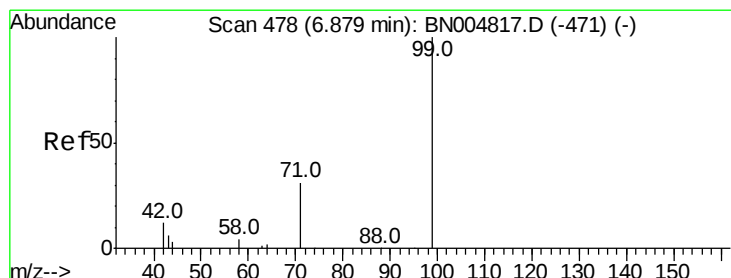
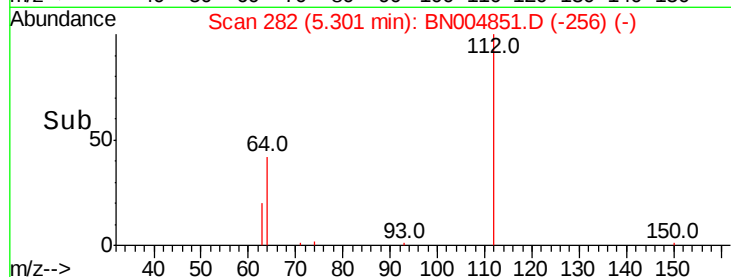
Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



Time-->



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

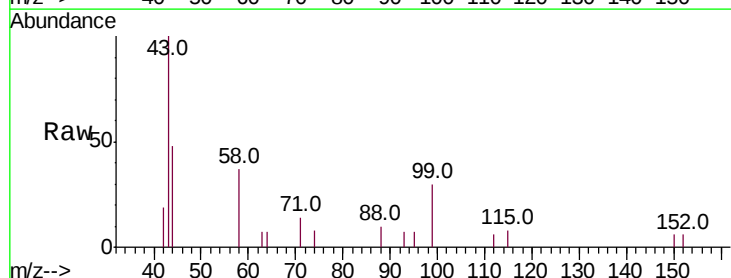
Tgt Ion: 99 Resp: 559

Ion Ratio Lower Upper

99 100

42 11.6 12.7 19.1#

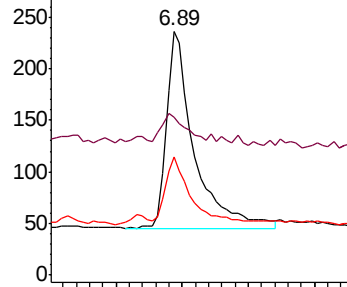
71 29.3 26.6 40.0



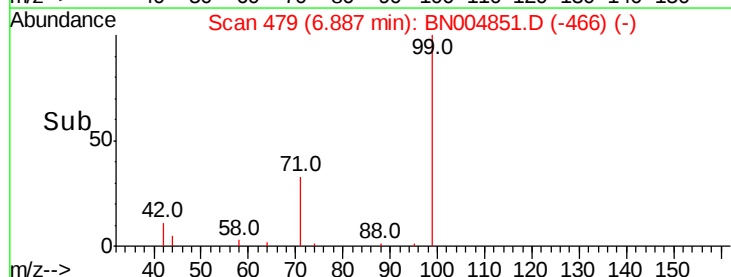
Abundance Ion 99.00 (98.70 to 99.70): BNC

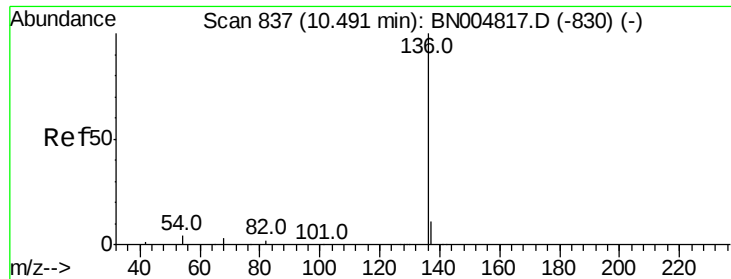
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:136 Resp: 7804

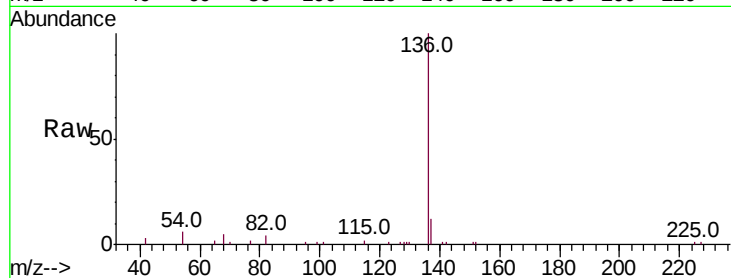
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 5.8 4.2 6.2

68 5.1 3.9 5.9

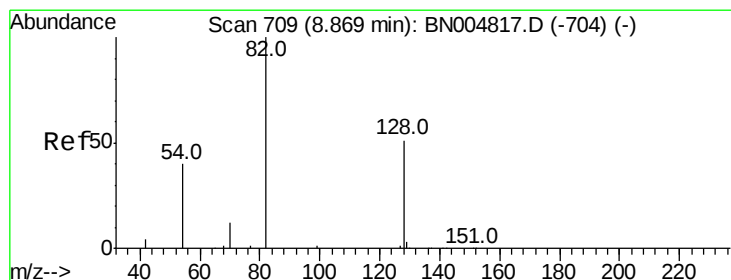
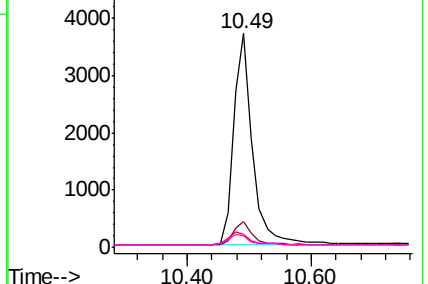
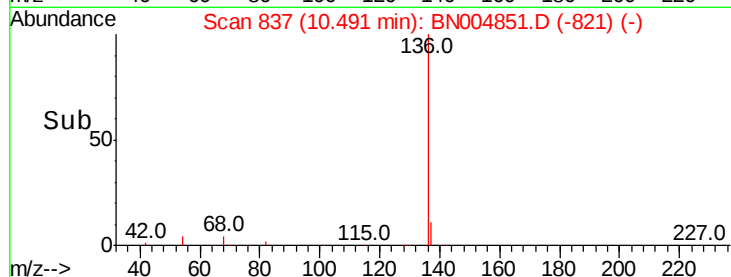


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

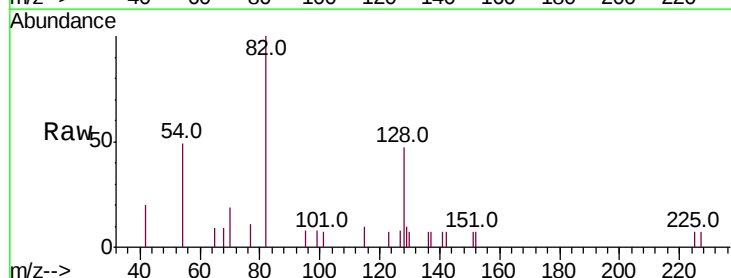
Tgt Ion: 82 Resp: 1651

Ion Ratio Lower Upper

82 100

128 47.0 43.0 64.6

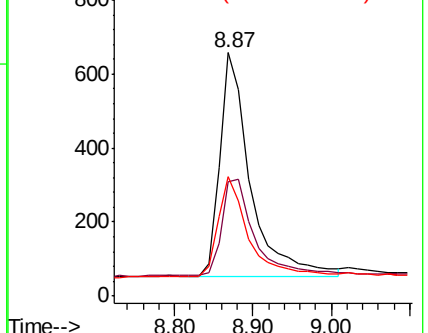
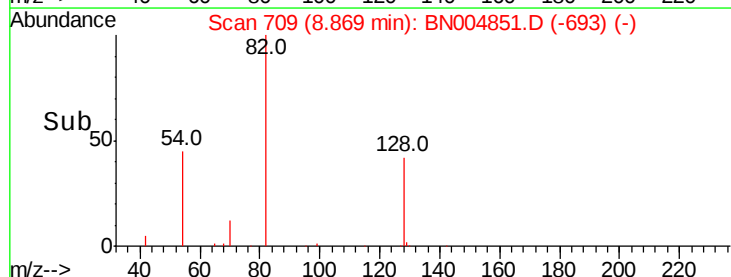
54 48.8 35.3 52.9

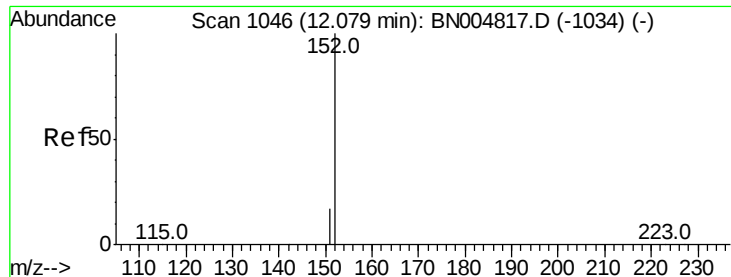


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

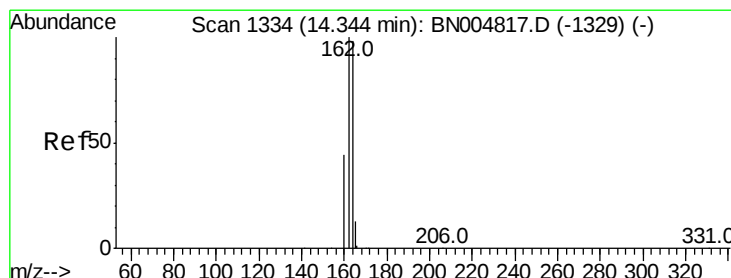
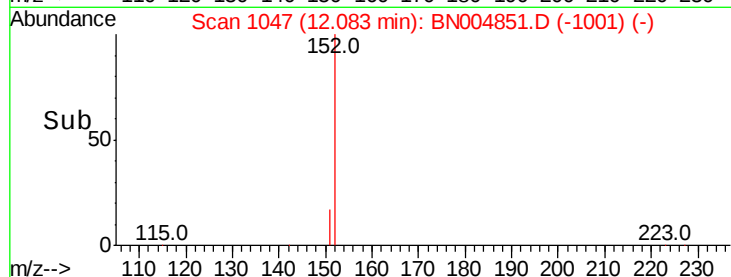
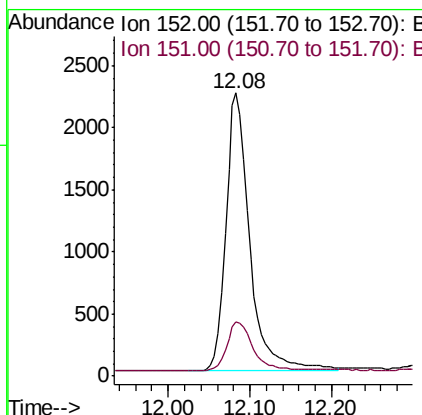
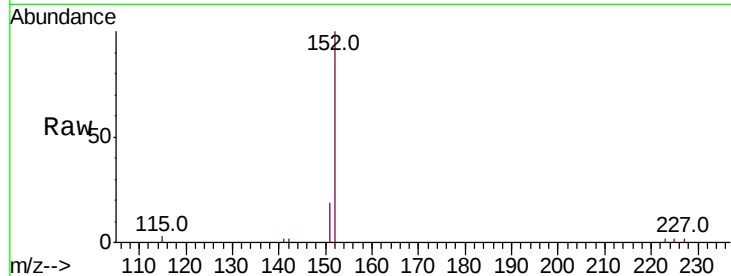




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004851.D
Acq: 21 Mar 2019 15:50

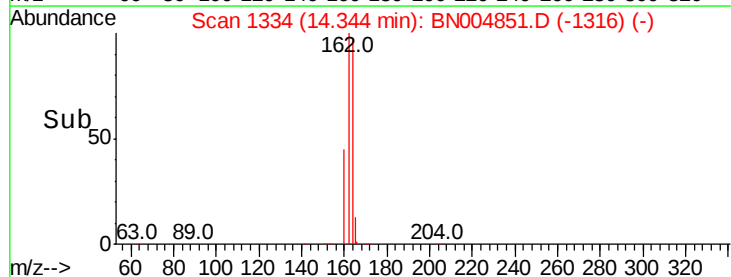
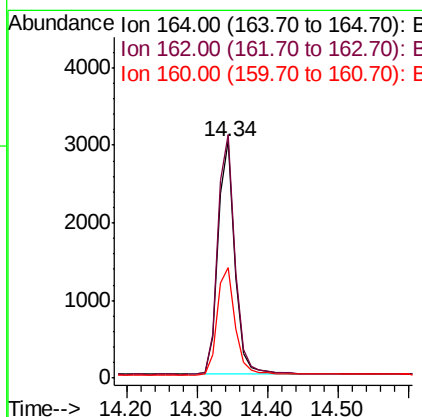
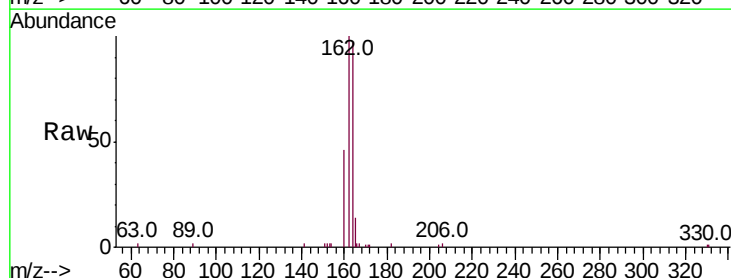
Instrument :
BNA_N
ClientSampleId :
W-2

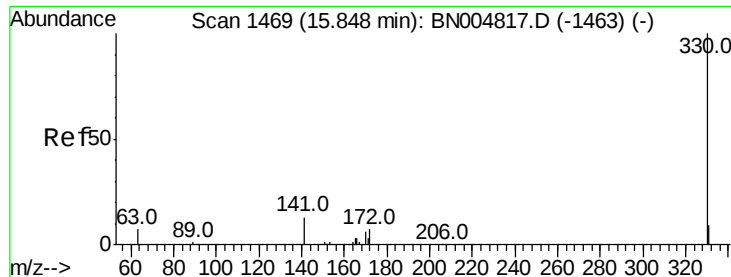
Tot Ion:152 Resp: 4505
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004851.D
Acq: 21 Mar 2019 15:50

Tgt Ion:164 Resp: 5125
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 46.9 36.6 54.8

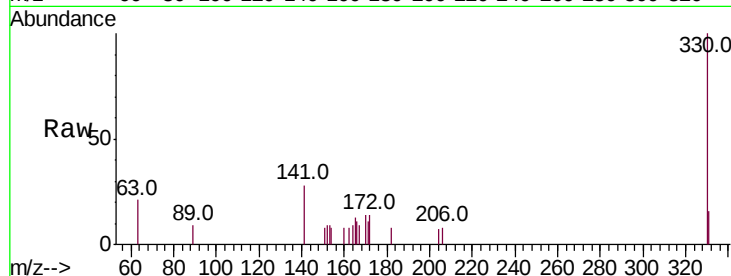




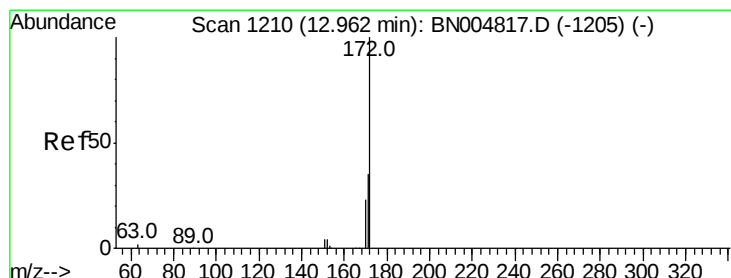
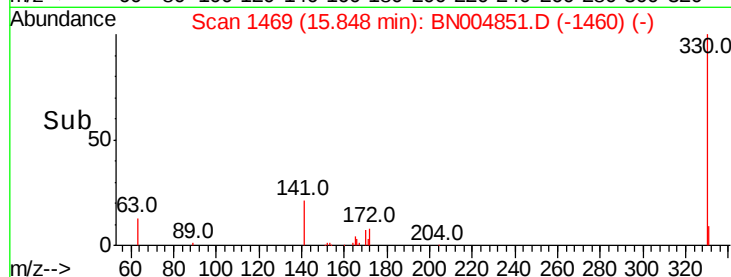
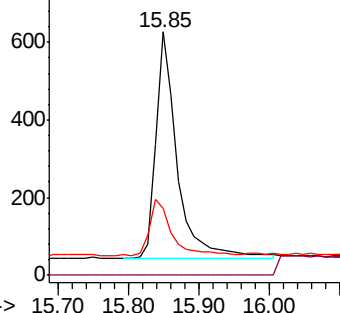
#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 15.85 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BN004851.D
 Acq: 21 Mar 2019 15:50

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:330 Resp: 1232
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 25.8 20.9 31.3

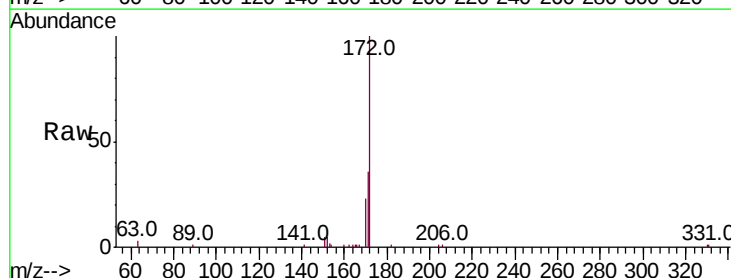


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

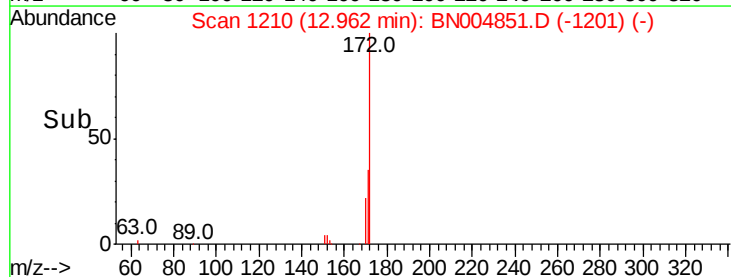
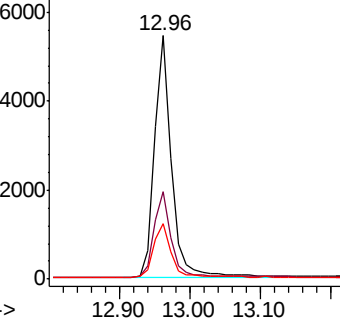


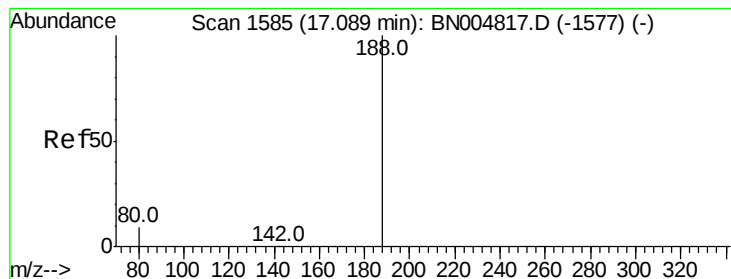
#15
 2-Fluorobiphenyl
 Concen: 0.437 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BN004851.D
 Acq: 21 Mar 2019 15:50

Tgt Ion:172 Resp: 9259
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.7 43.1
 170 23.0 18.7 28.1



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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

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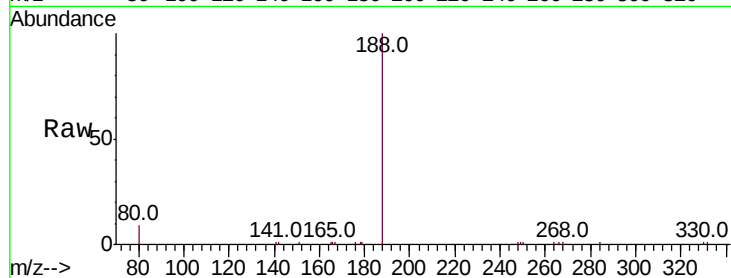
Tot Ion:188 Resp: 13477

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

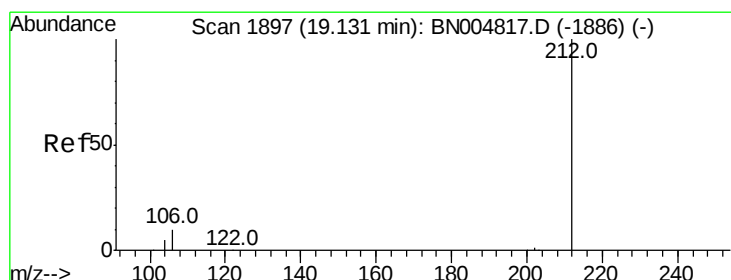
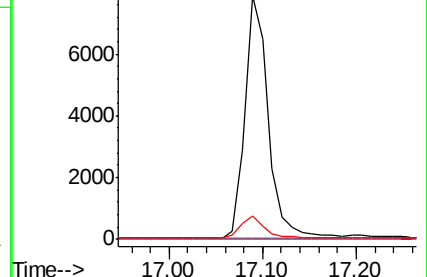
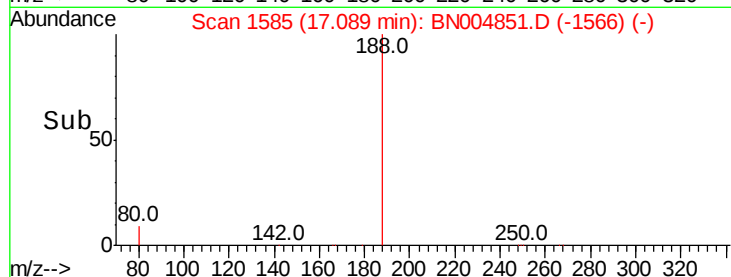
80 9.4 7.4 11.2



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



#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

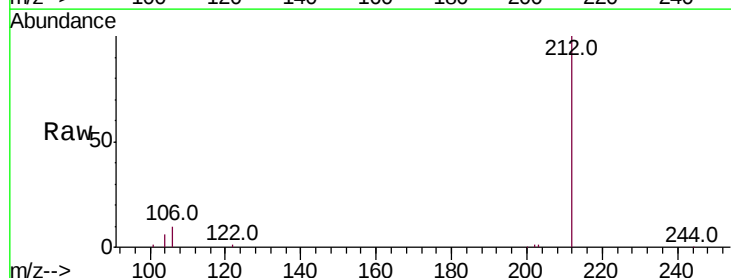
Tgt Ion:212 Resp: 16792

Ion Ratio Lower Upper

212 100

106 10.8 8.6 13.0

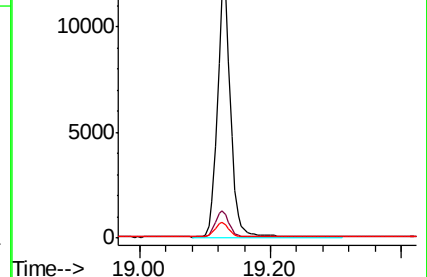
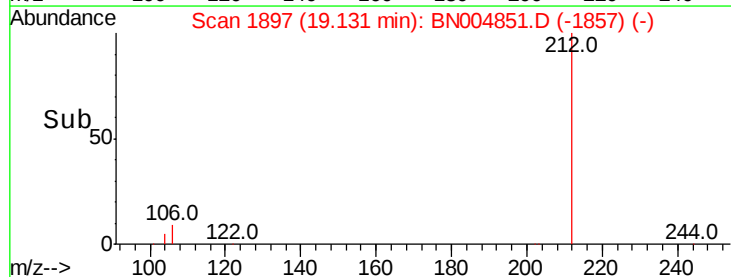
104 6.0 4.7 7.1

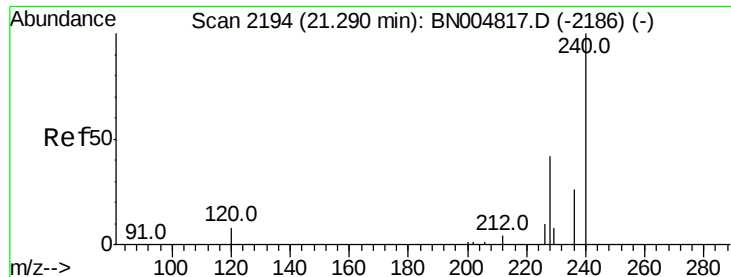


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

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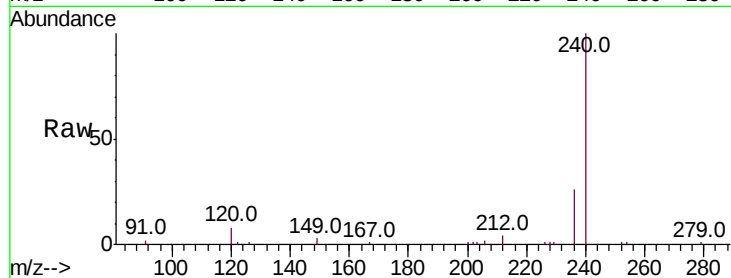
Tot Ion:240 Resp: 18372

Ion Ratio Lower Upper

240 100

120 8.5 7.2 10.8

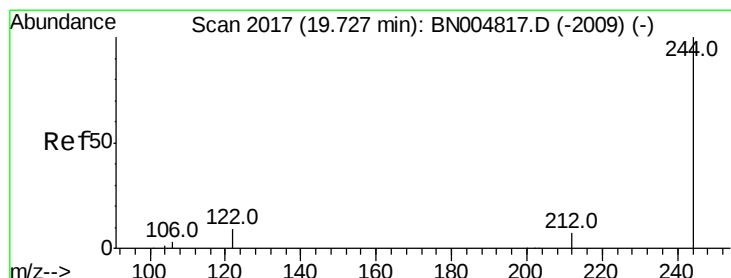
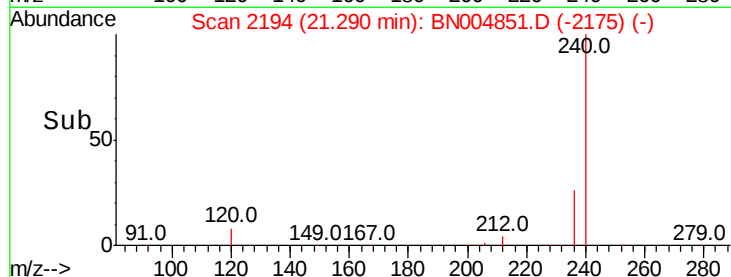
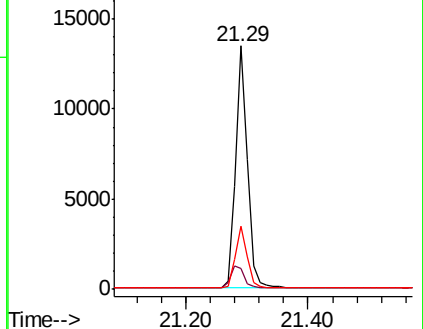
236 26.1 20.9 31.3



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: 0.524 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

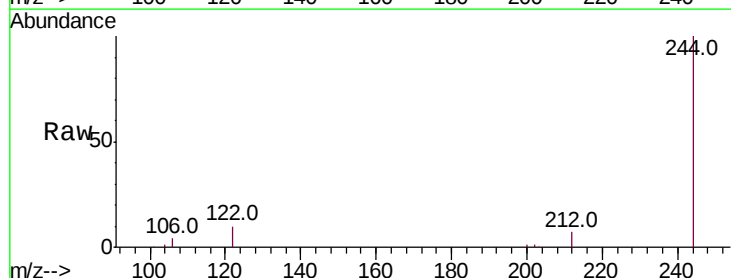
Tgt Ion:244 Resp: 19699

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

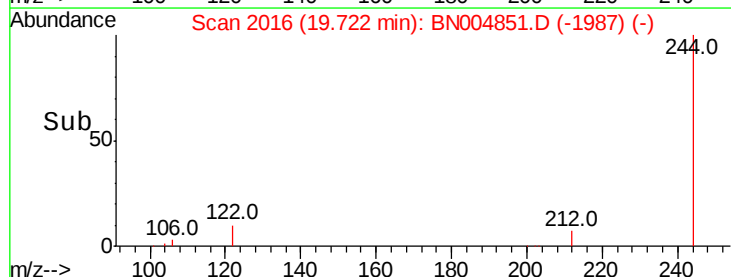
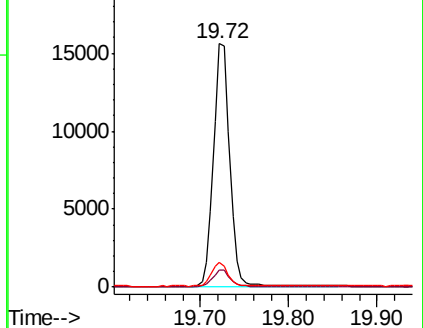
122 10.3 7.9 11.9

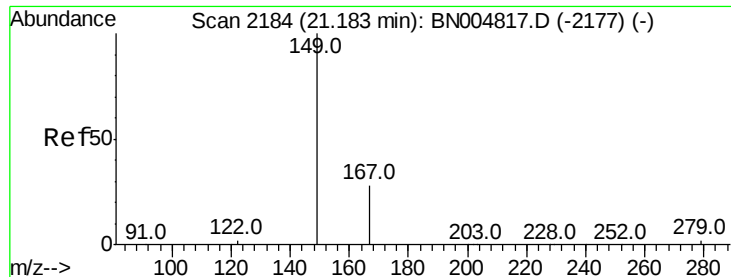


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

Instrument :

BNA_N

ClientSampleId :

W-2

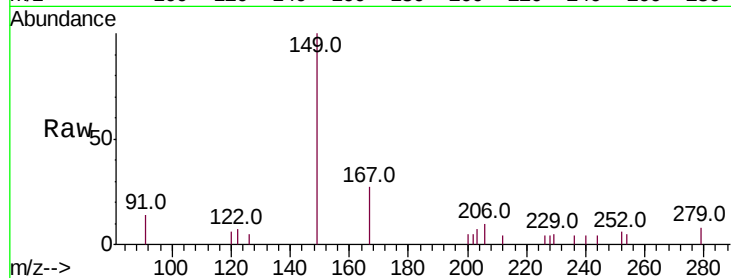
Tot Ion:149 Resp: 1357

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.4

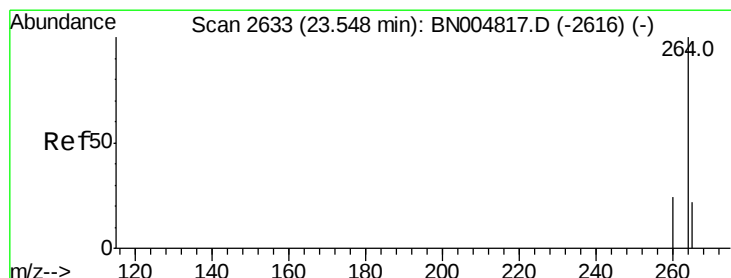
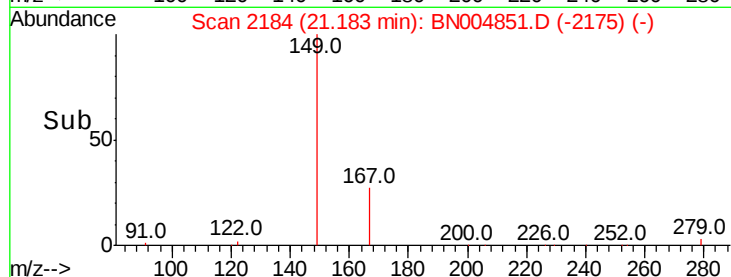
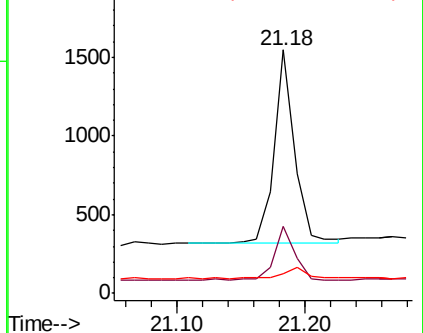
279 7.1 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004851.D

Acq: 21 Mar 2019 15:50

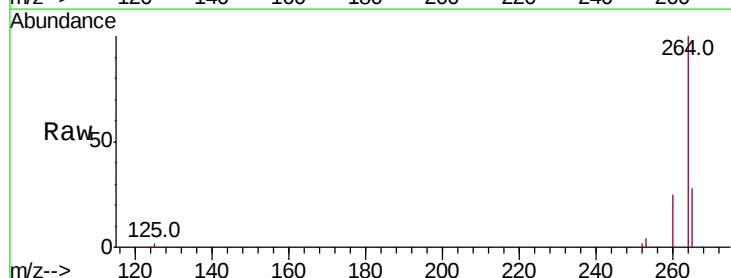
Tgt Ion:264 Resp: 20933

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 27.5 23.1 34.7



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

