

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005045.D
 Acq On : 01 Apr 2019 12:58
 Operator : JU/SJ
 Sample : K2106-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-2

Quant Time: Apr 02 01:35:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

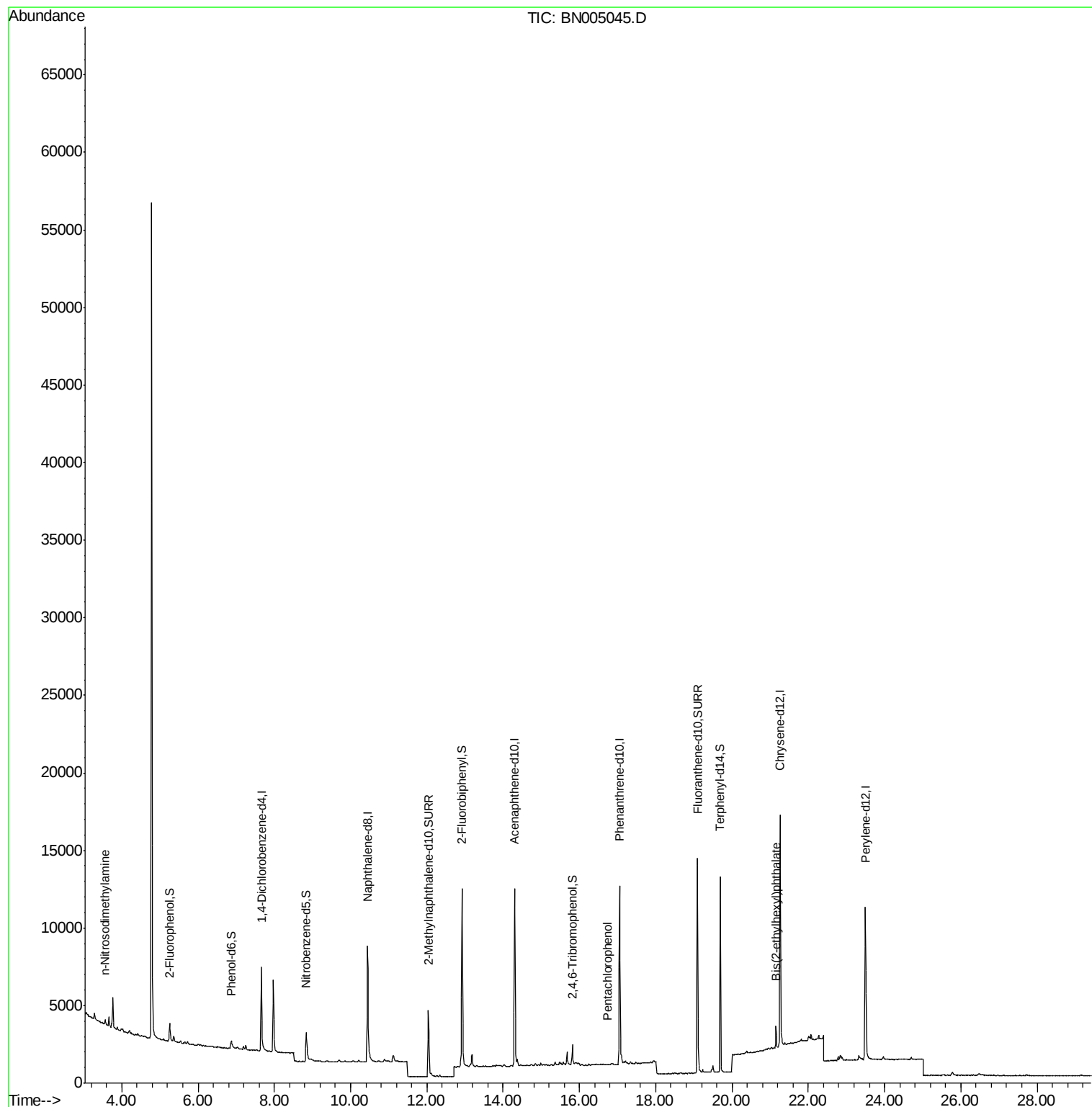
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2905	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12472	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7230	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	16423	0.40	ng	0.00
27) Chrysene-d12	21.26	240	15639	0.40	ng	0.00
34) Perylene-d12	23.50	264	13945	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1419	0.20	ng	0.00
5) Phenol-d6	6.87	99	1123	0.13	ng	0.02
8) Nitrobenzene-d5	8.83	82	2496	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7054	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1454	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	11760	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	17332	0.37	ng	0.00
29) Terphenyl-d14	19.69	244	13026	0.41	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.56	42	53	0.028	ng	# 1
22) Pentachlorophenol	16.74	266	9	0.094	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.15	149	1322	0.072	ng	# 98

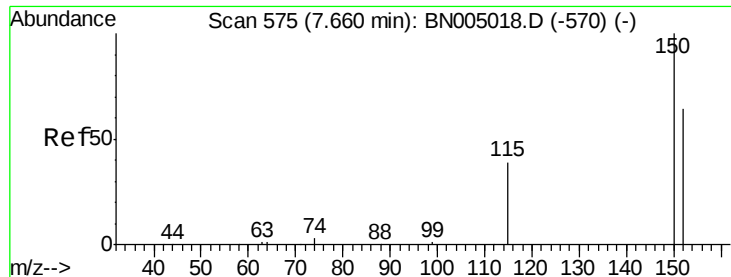
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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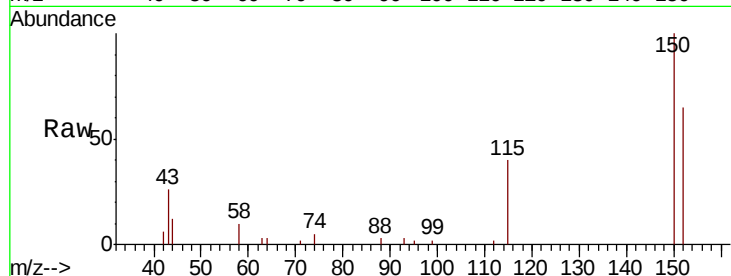


#1

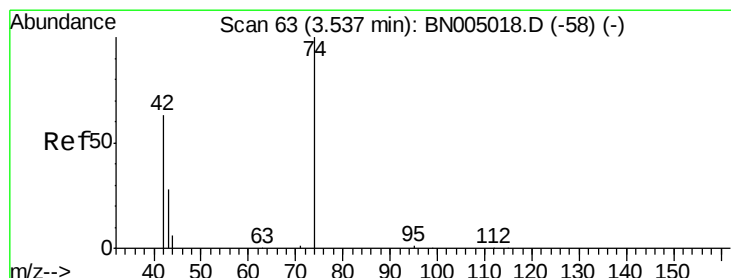
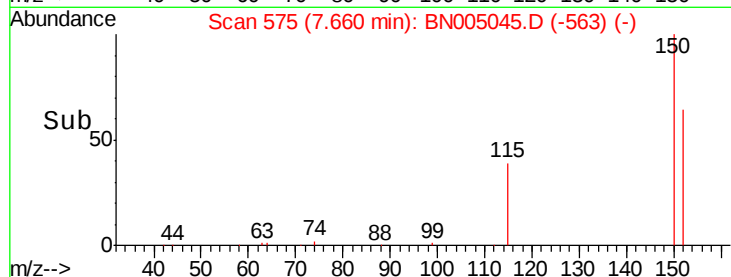
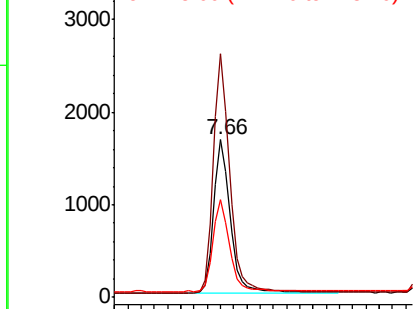
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005045.D
Acq: 01 Apr 2019 12:58

Instrument :
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ClientSampleId :
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Tgt Ion: 152 Resp: 2905
Ion Ratio Lower Upper
152 100
150 154.6 123.4 185.2
115 62.2 50.0 75.0



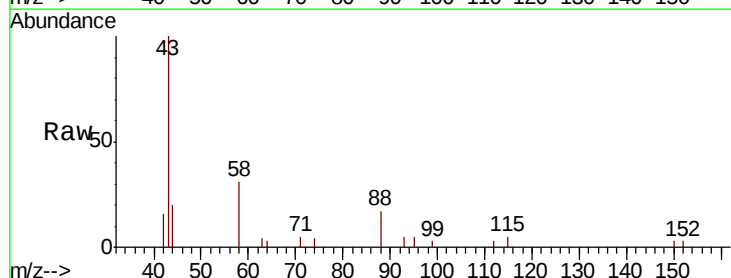
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



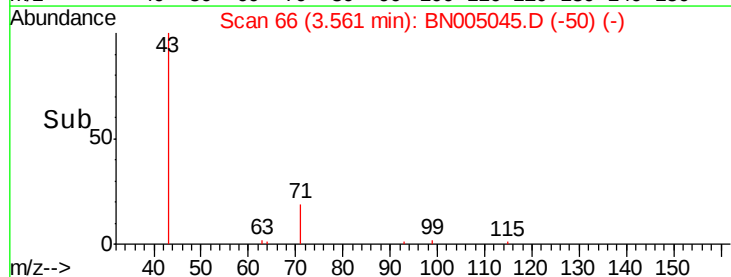
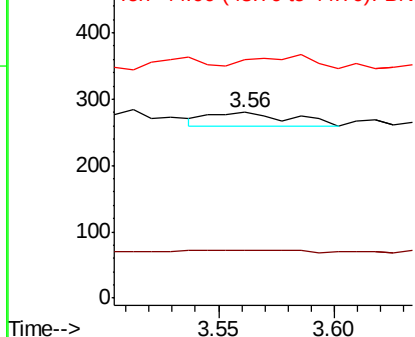
#3

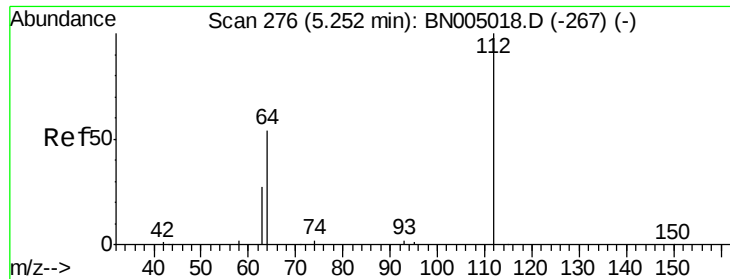
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.56 min Scan# 66
Delta R.T. 0.03 min
Lab File: BN005045.D
Acq: 01 Apr 2019 12:58

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
74 0.0 129.1 193.7#
44 0.0 11.6 17.4#



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: 0.196 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

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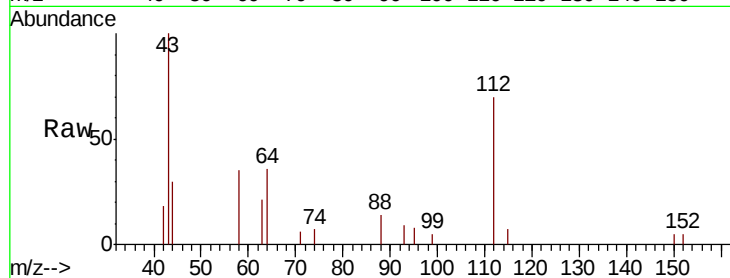
Tgt Ion: 112 Resp: 1419

Ion Ratio Lower Upper

112 100

64 51.2 41.9 62.9

63 25.6 21.5 32.3



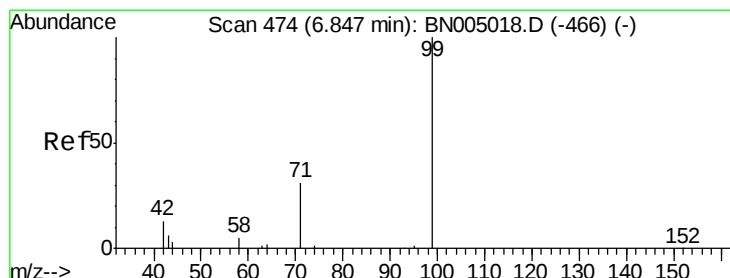
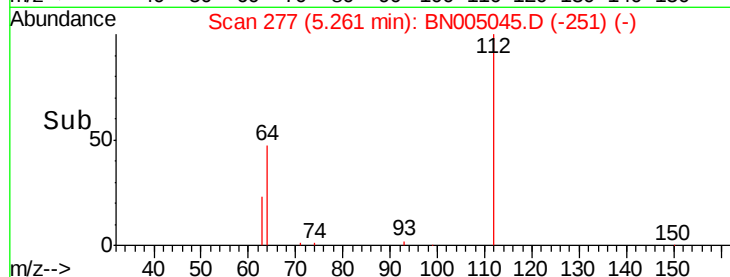
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.26

Time-->



#5

Phenol-d6

Concen: 0.131 ng

RT: 6.87 min Scan# 477

Delta R.T. 0.02 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

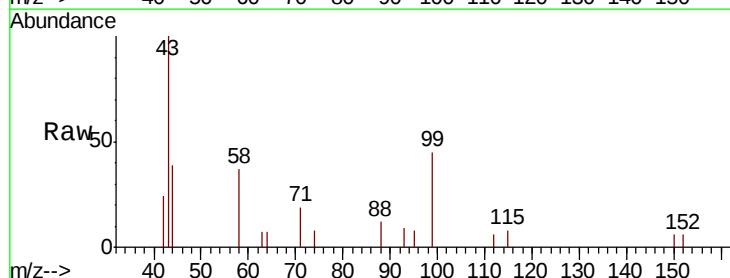
Tgt Ion: 99 Resp: 1123

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 30.8 26.1 39.1



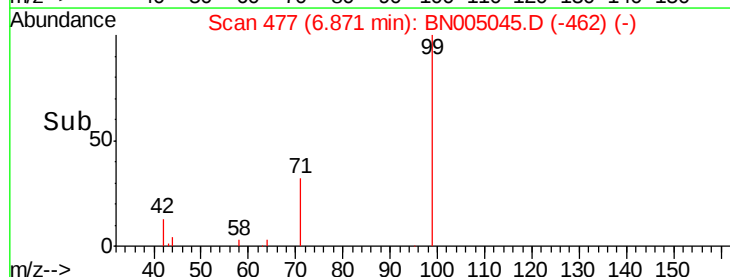
Abundance Ion 99.00 (98.70 to 99.70): BNO

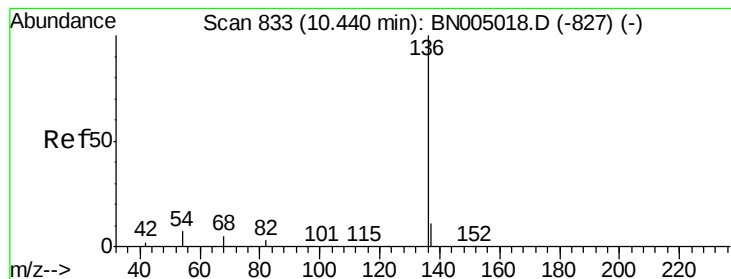
Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.87

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

BNA_N

ClientSampleId :

W-2

Tgt Ion:136 Resp: 12472

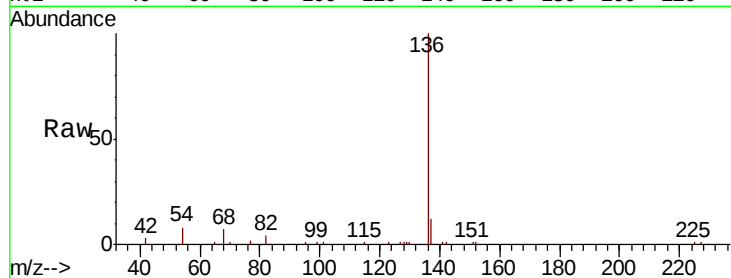
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.7 6.0 9.0

68 6.6 5.0 7.6

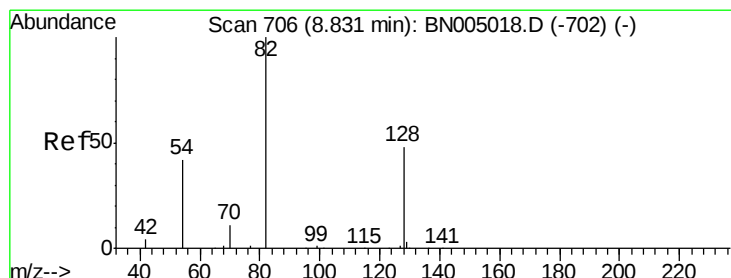
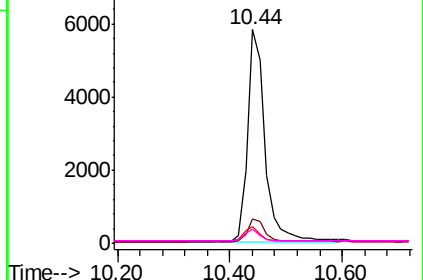
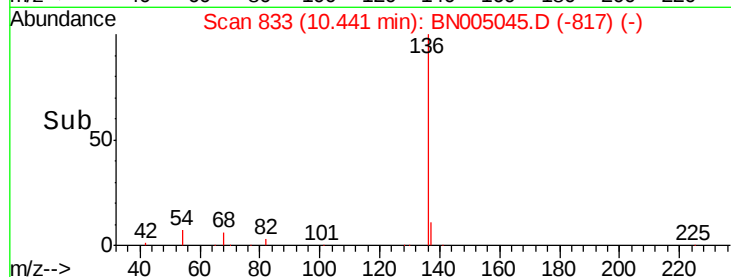


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

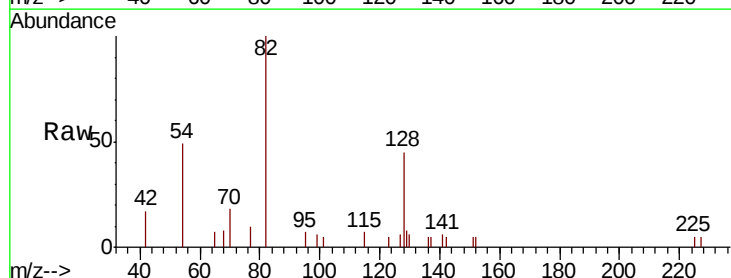
Tgt Ion: 82 Resp: 2496

Ion Ratio Lower Upper

82 100

128 44.8 40.5 60.7

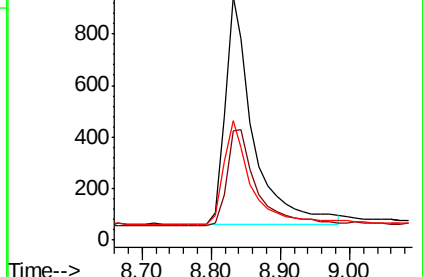
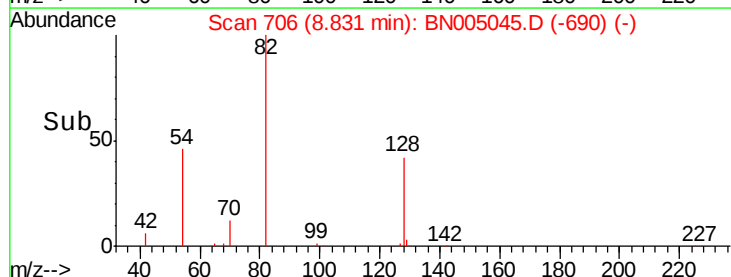
54 49.0 35.7 53.5

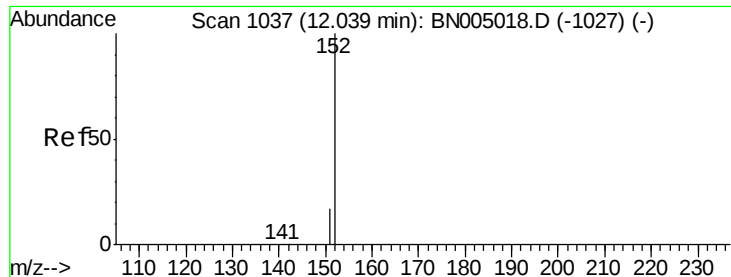


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

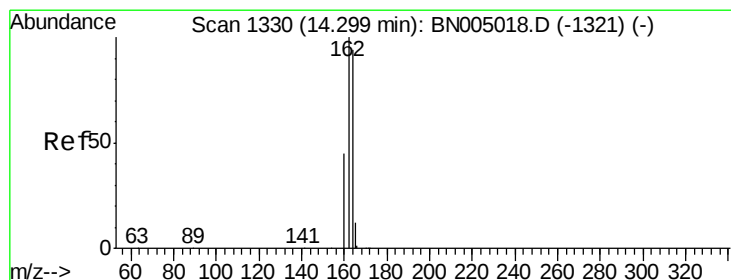
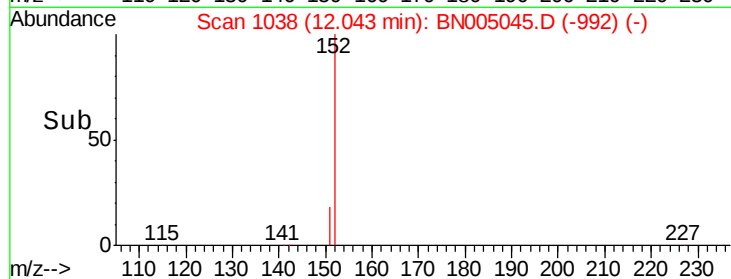
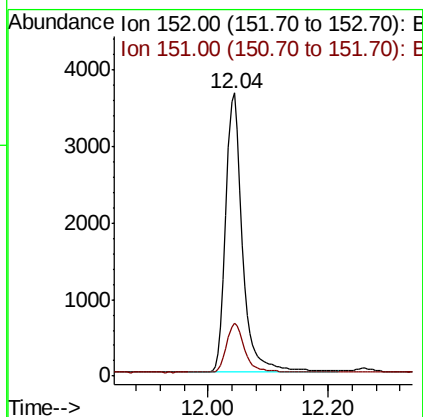
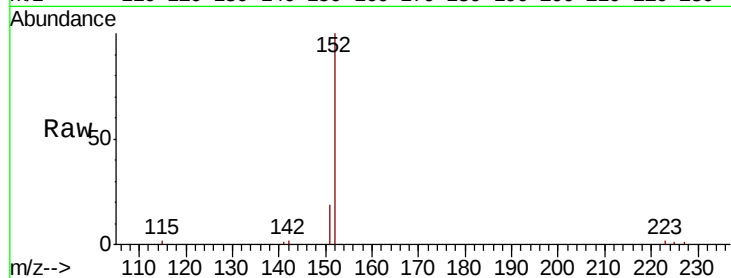




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.04 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN005045.D
 Acq: 01 Apr 2019 12:58

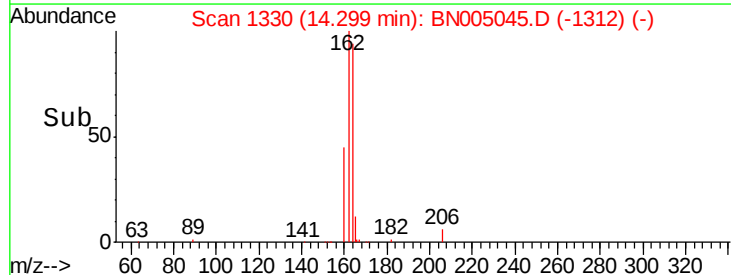
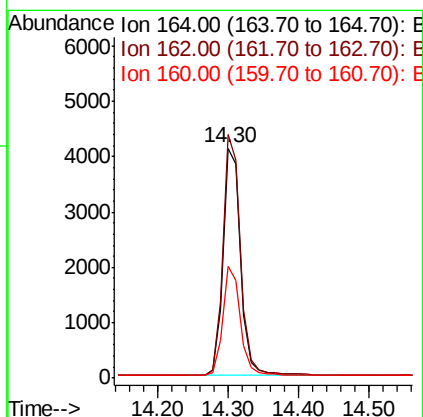
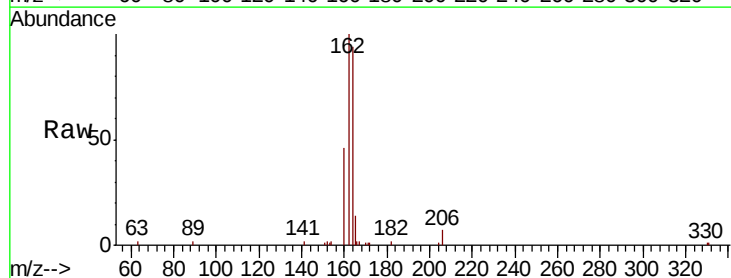
Instrument :
 BNA_N
 ClientSampleId :
 W-2

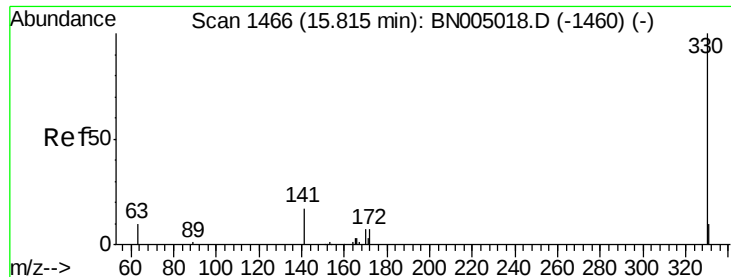
Tgt Ion:152 Resp: 7054
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BN005045.D
 Acq: 01 Apr 2019 12:58

Tgt Ion:164 Resp: 7230
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.3 127.9
 160 48.6 39.2 58.8

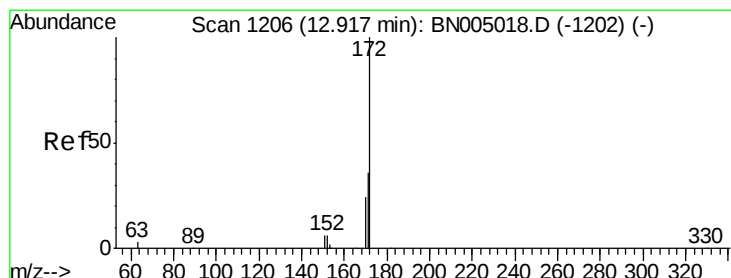
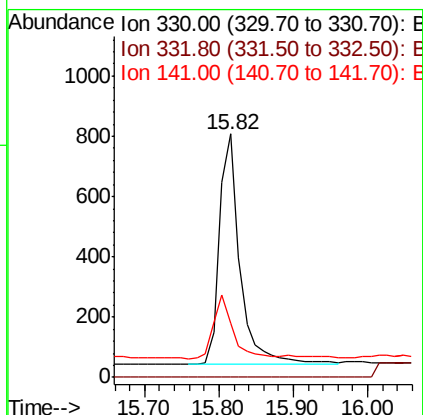
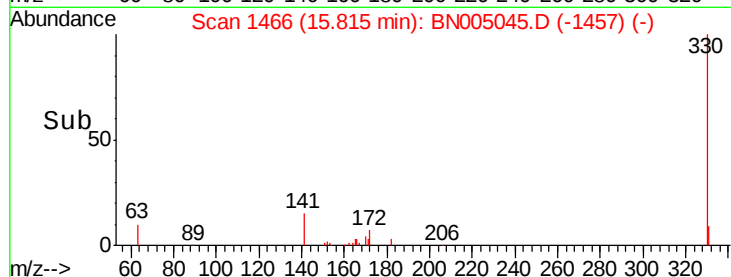
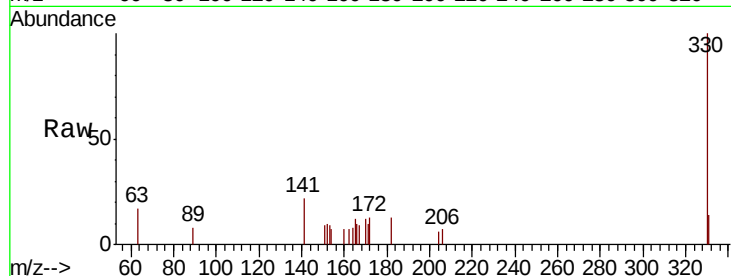




#14
 2,4,6-Tribromophenol
 Concen: 0.359 ng
 RT: 15.82 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BN005045.D
 Acq: 01 Apr 2019 12:58

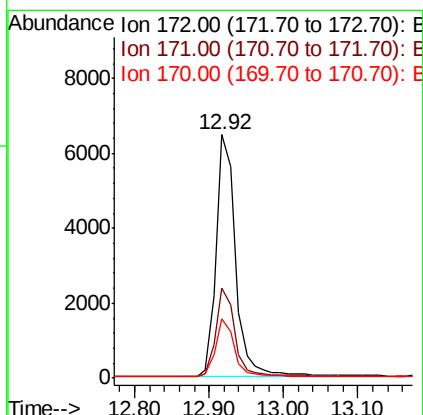
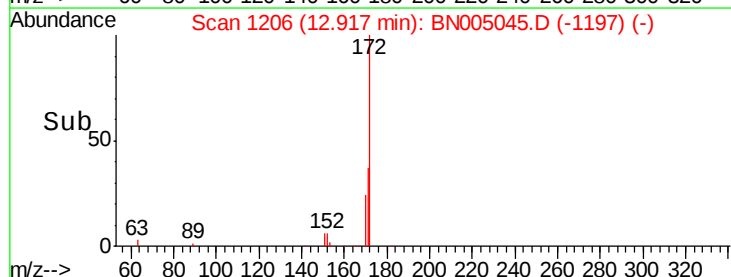
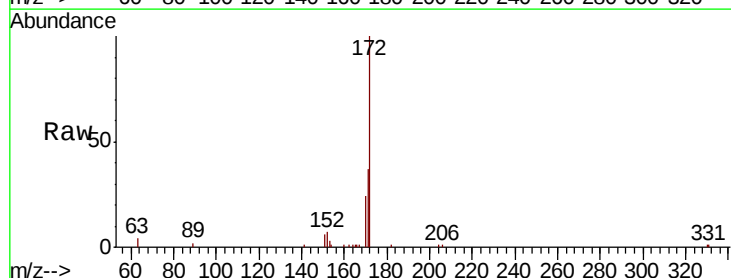
Instrument :
 BNA_N
 ClientSampled :
 W-2

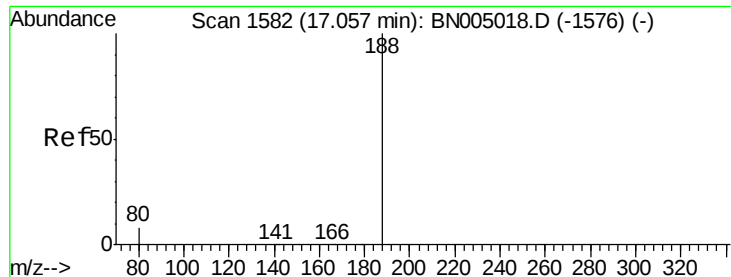
Tgt Ion: 330 Resp: 1454
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 25.9 21.3 31.9



#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 12.92 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BN005045.D
 Acq: 01 Apr 2019 12:58

Tgt Ion: 172 Resp: 11760
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.2 20.0 30.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

BNA_N

ClientSampleId :

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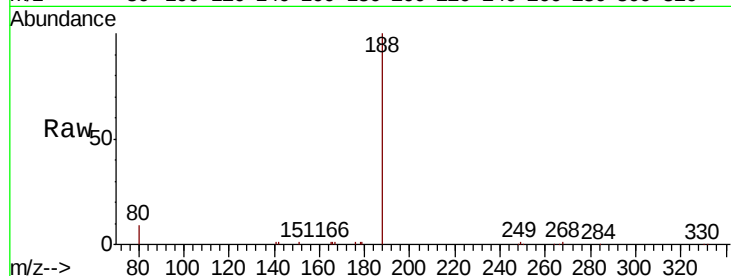
Tgt Ion:188 Resp: 16423

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

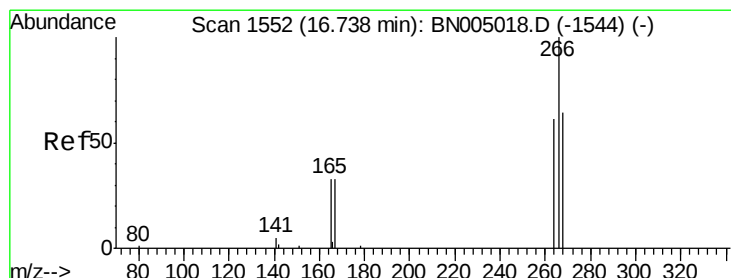
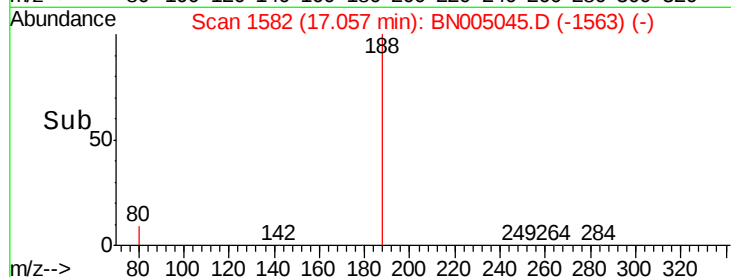
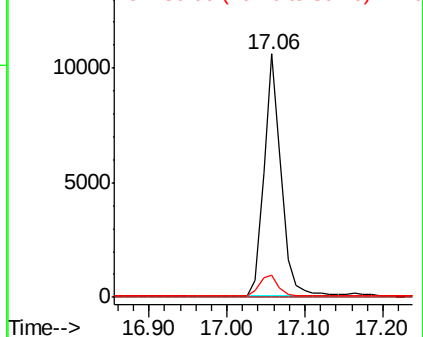
80 9.2 6.9 10.3



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



#22

Pentachlorophenol

Concen: 0.094 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

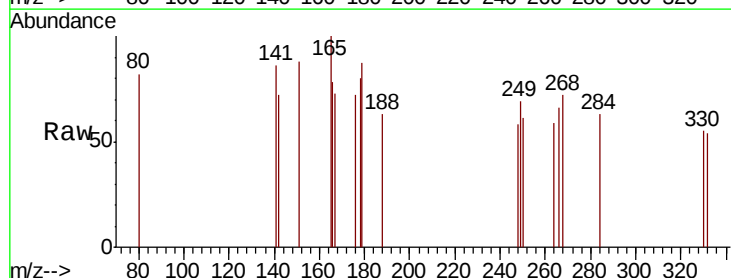
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 89.1 53.4 80.0#

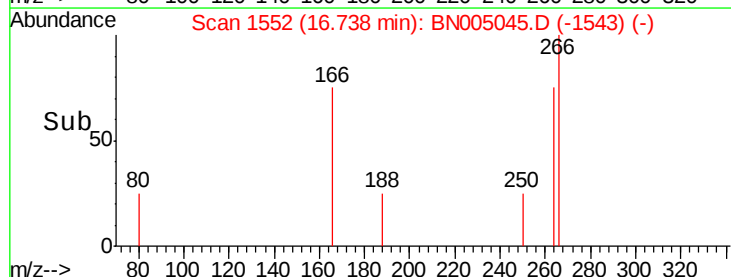
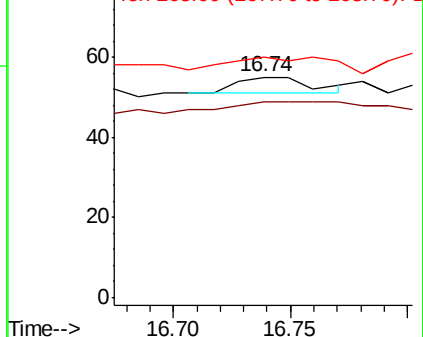
268 109.1 58.9 88.3#

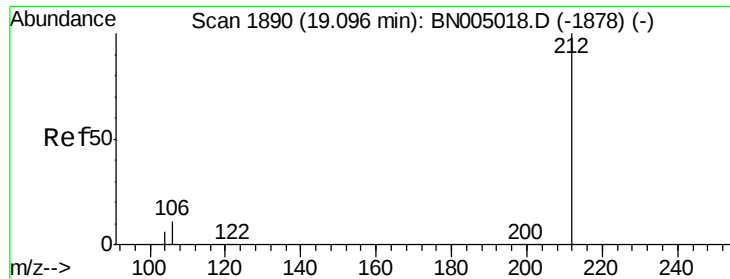


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

BNA_N

ClientSampleId :

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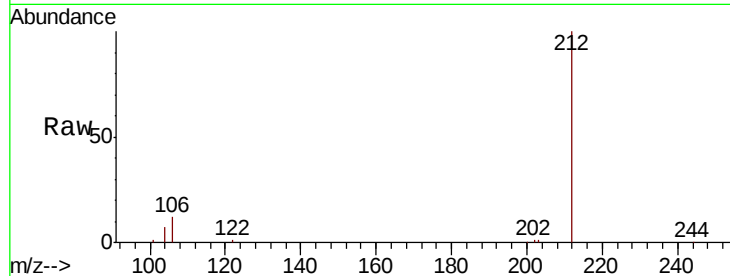
Tgt Ion:212 Resp: 17332

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

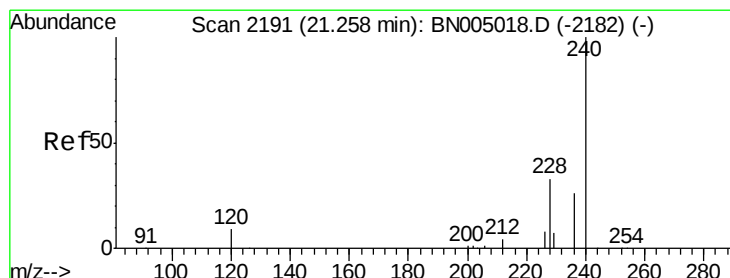
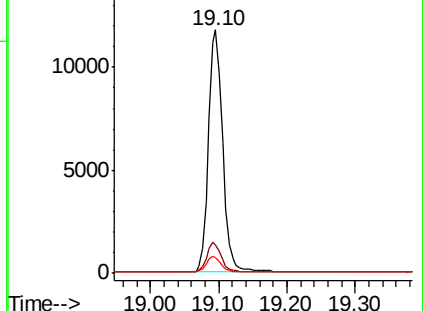
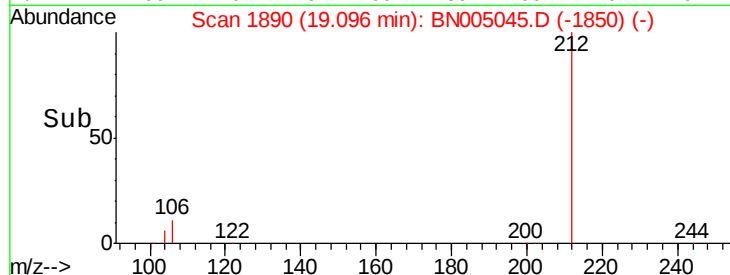
104 6.6 5.4 8.0



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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

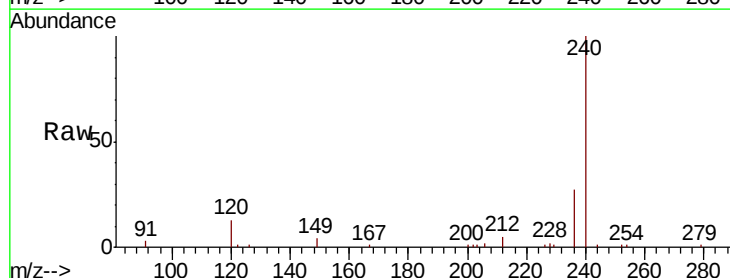
Tgt Ion:240 Resp: 15639

Ion Ratio Lower Upper

240 100

120 12.6 7.4 11.0#

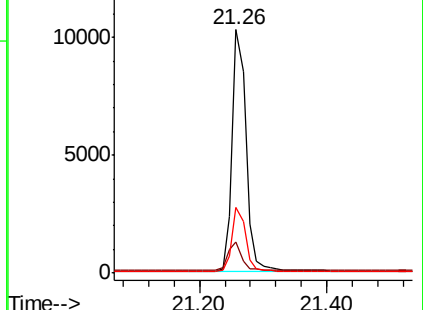
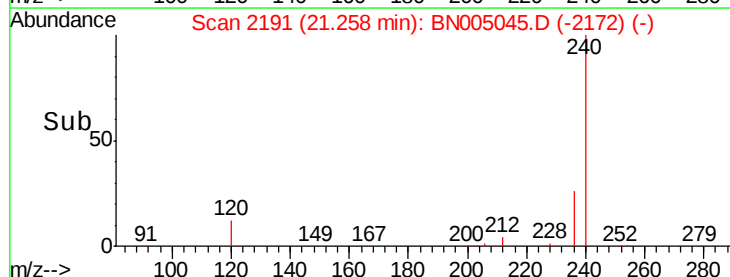
236 26.9 21.0 31.6

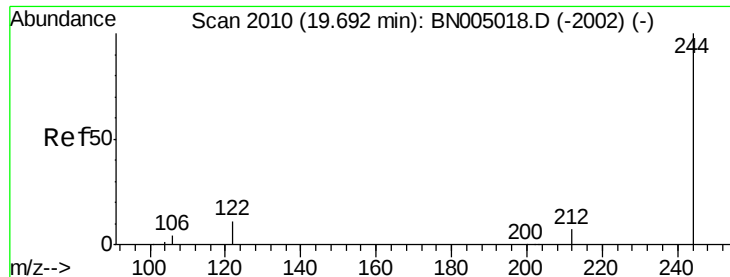


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

BNA_N

ClientSampleId :

W-2

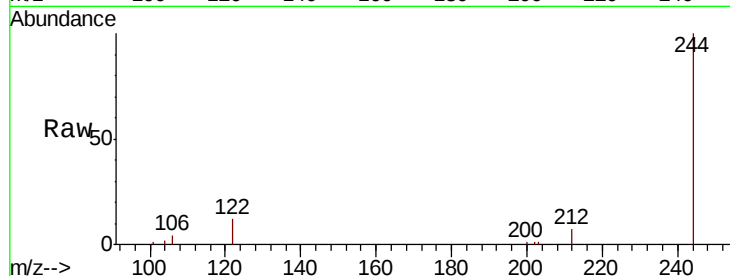
Tgt Ion:244 Resp: 13026

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

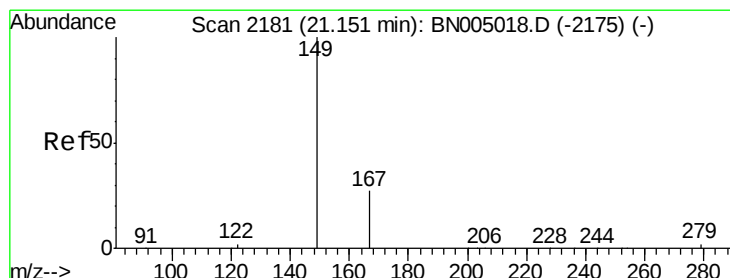
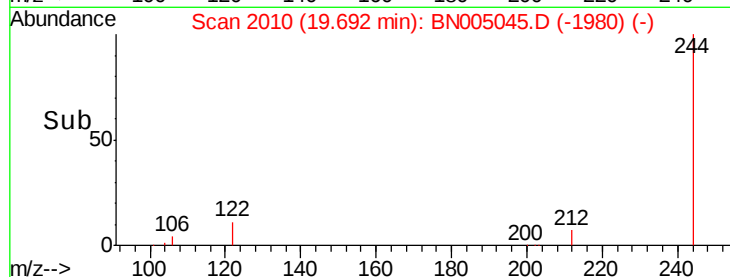
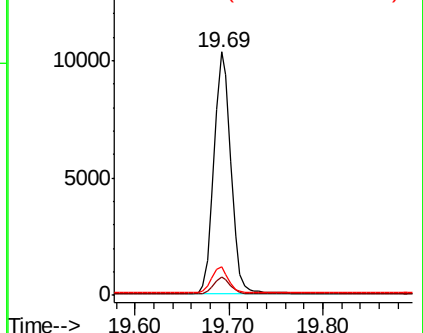
122 11.6 9.0 13.4



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: 0.072 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

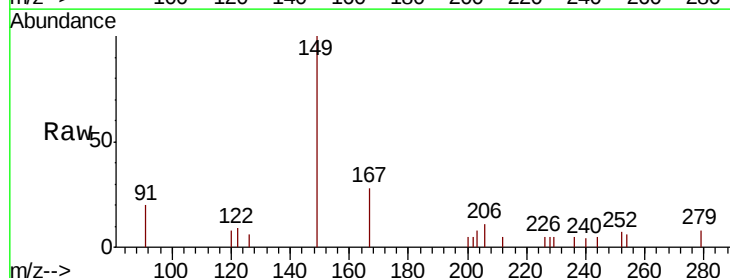
Tgt Ion:149 Resp: 1322

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

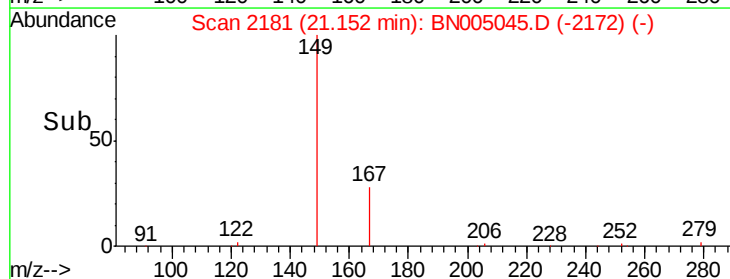
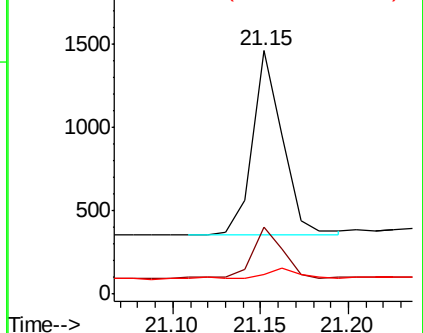
279 8.2 4.2 6.4#

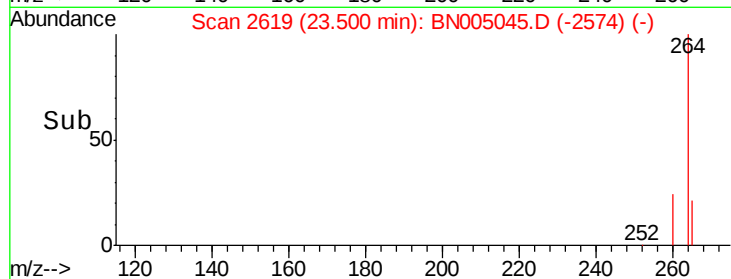
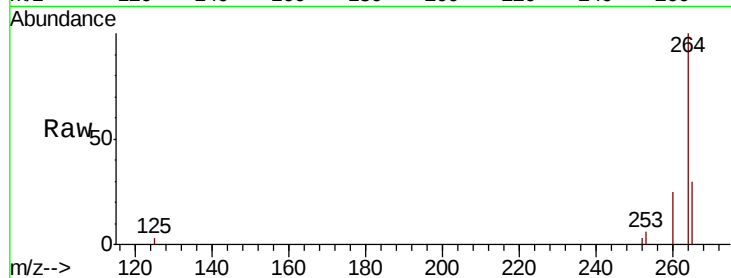
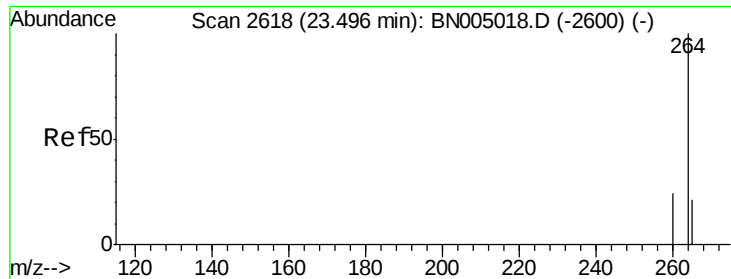


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005045.D

Acq: 01 Apr 2019 12:58

Instrument :

BNA_N

ClientSampleId :

W-2

Tgt Ion:264 Resp: 13945

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 30.1 22.5 33.7

