

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005043.D
 Acq On : 01 Apr 2019 11:48
 Operator : JU/SJ
 Sample : K2106-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Quant Time: Apr 01 12:27:11 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

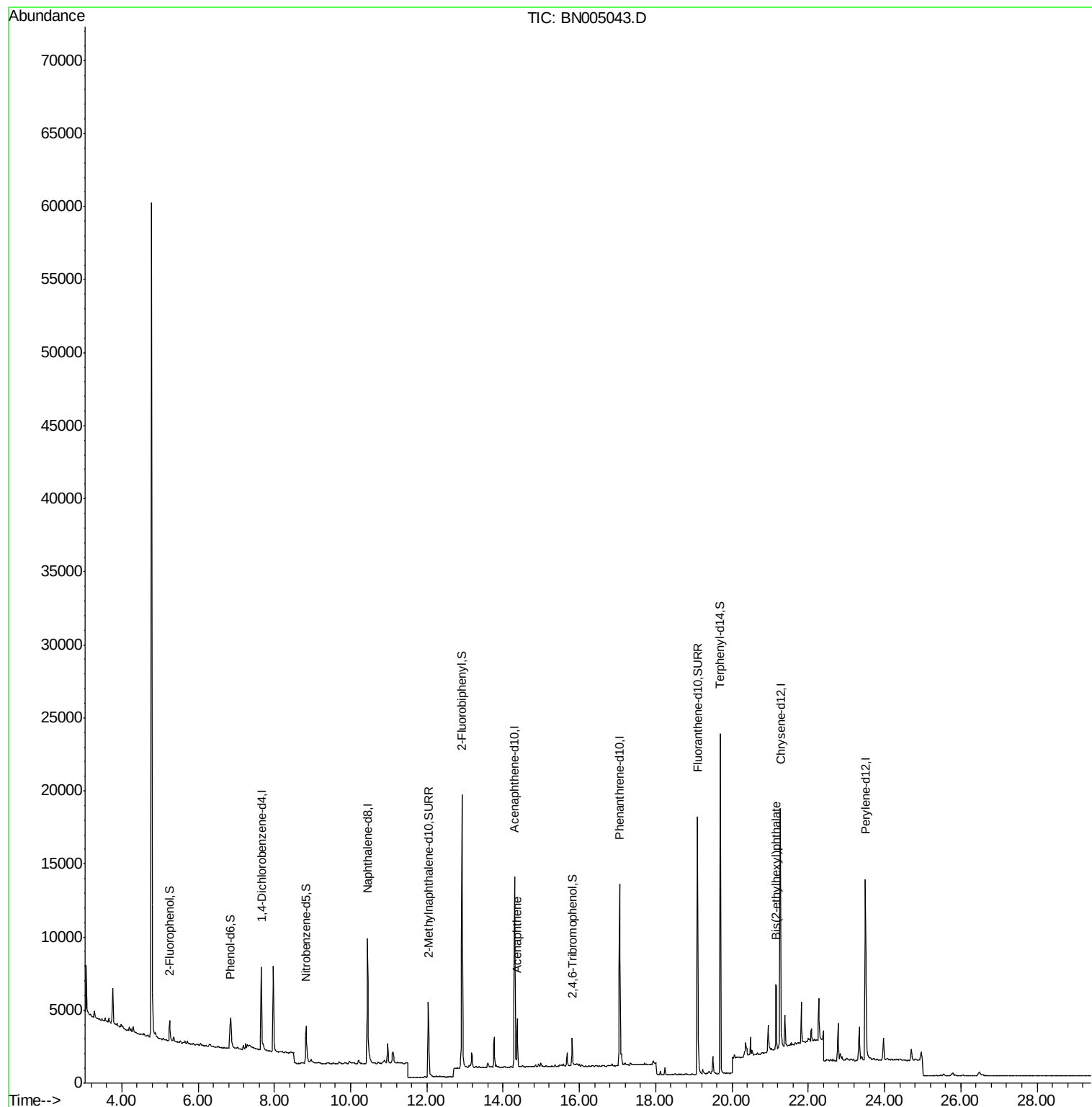
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3067	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	13084	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7597	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17702	0.40	ng	0.00
27) Chrysene-d12	21.27	240	18798	0.40	ng	0.01
34) Perylene-d12	23.50	264	17061	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1610	0.21	ng	0.00
5) Phenol-d6	6.84	99	1570	0.17	ng	0.00
8) Nitrobenzene-d5	8.83	82	2945	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	7861	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1943	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	17473	0.61	ng	0.00
25) Fluoranthene-d10	19.10	212	20649	0.41	ng	0.00
29) Terphenyl-d14	19.69	244	23611	0.61	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.37	154	1672	0.073	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	4874	0.220	ng	99

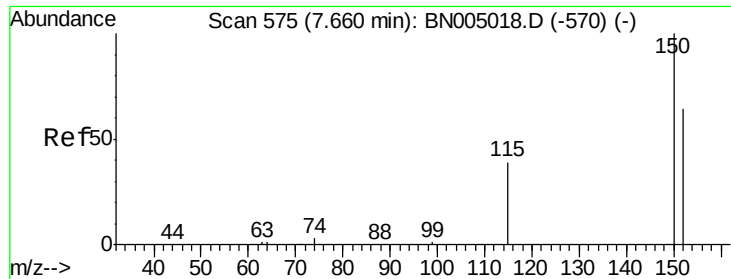
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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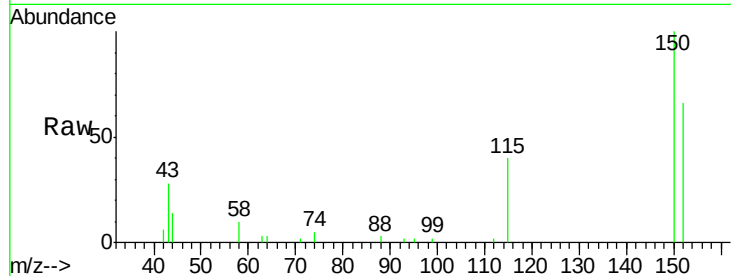


#1

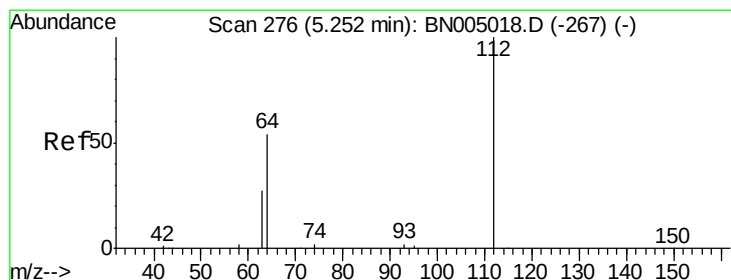
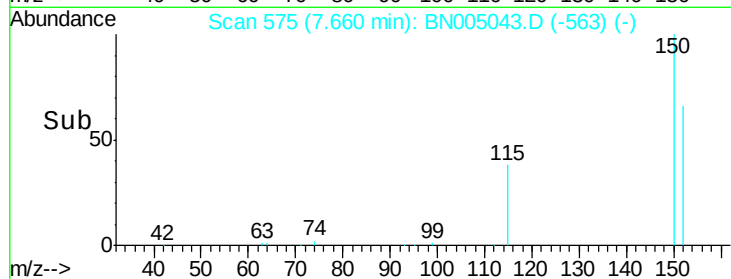
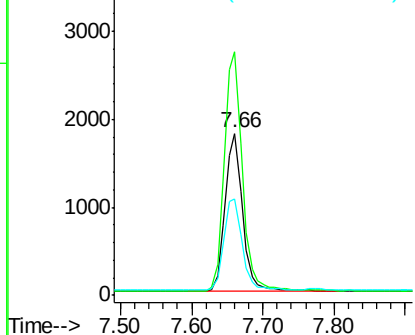
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 3067
Ion Ratio Lower Upper
152 100
150 150.6 123.4 185.2
115 60.0 50.0 75.0



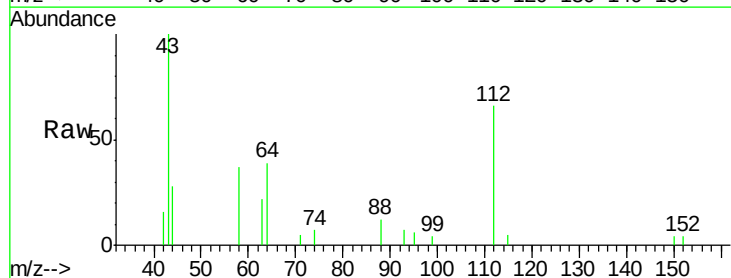
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



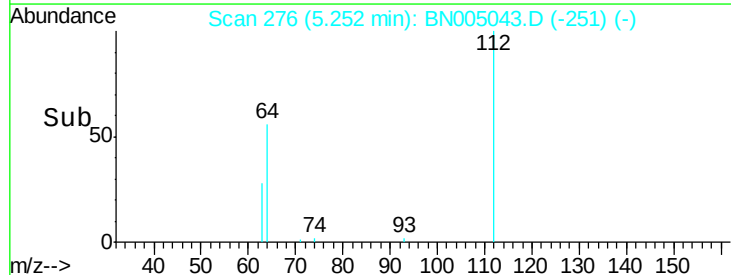
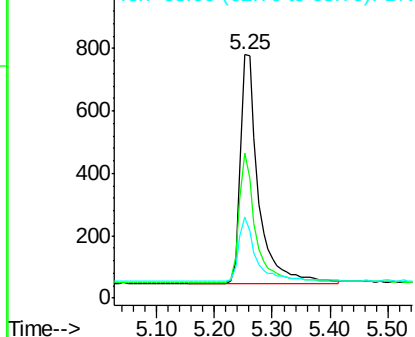
#4

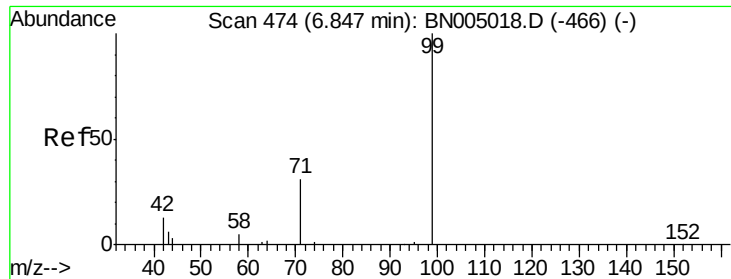
2-Fluorophenol
Concen: 0.210 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.00 min
Lab File: BN005043.D
Acq: 01 Apr 2019 11:48

Tgt Ion:112 Resp: 1610
Ion Ratio Lower Upper
112 100
64 51.6 41.9 62.9
63 27.2 21.5 32.3



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

Phenol-d6

Concen: 0.173 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

W-1

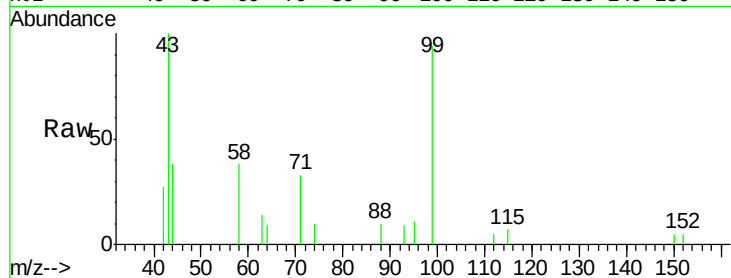
Tgt Ion: 99 Resp: 1570

Ion Ratio Lower Upper

99 100

42 23.2 12.2 18.2#

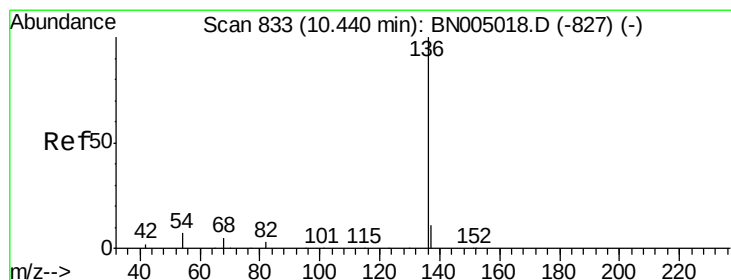
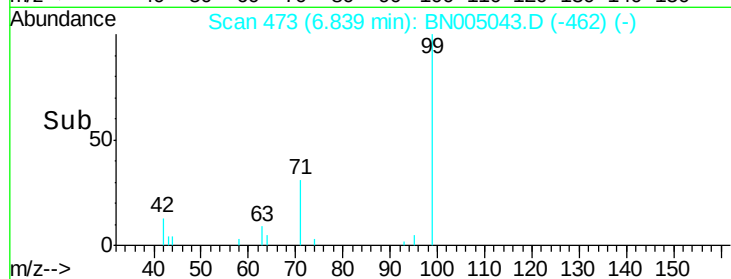
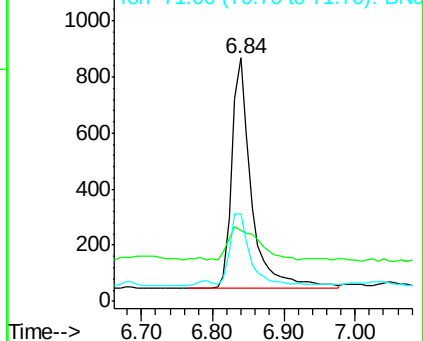
71 30.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Tgt Ion: 136 Resp: 13084

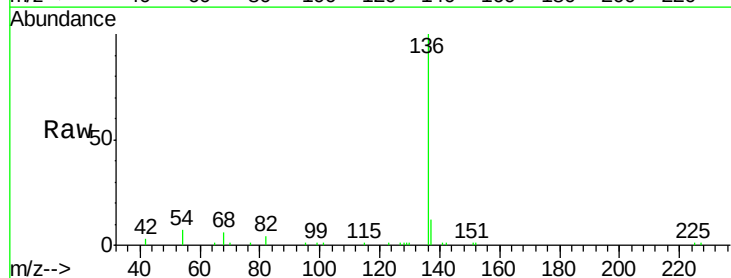
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 6.8 6.0 9.0

68 5.8 5.0 7.6

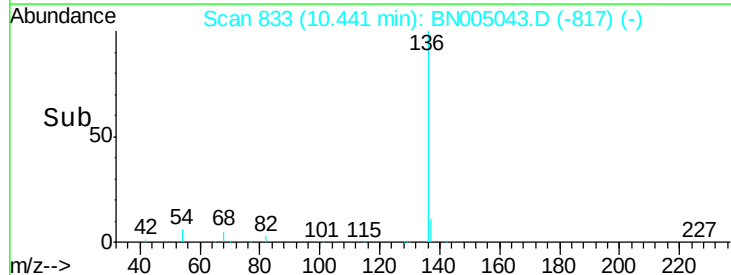
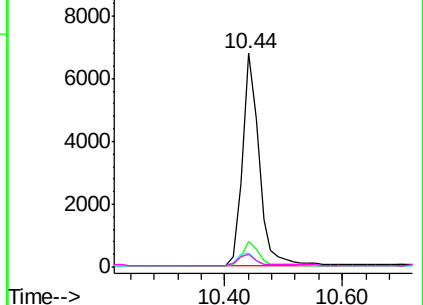


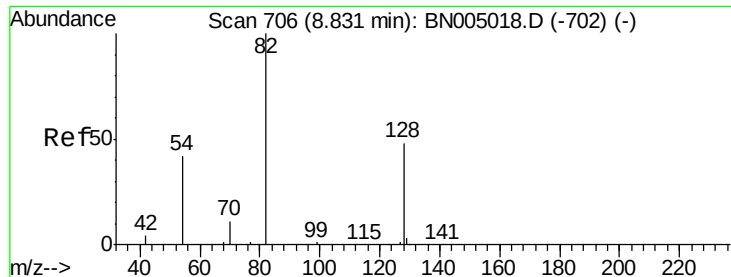
Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

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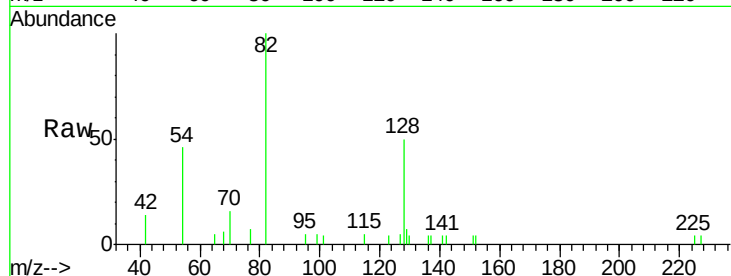
Tgt Ion: 82 Resp: 2945

Ion Ratio Lower Upper

82 100

128 49.5 40.5 60.7

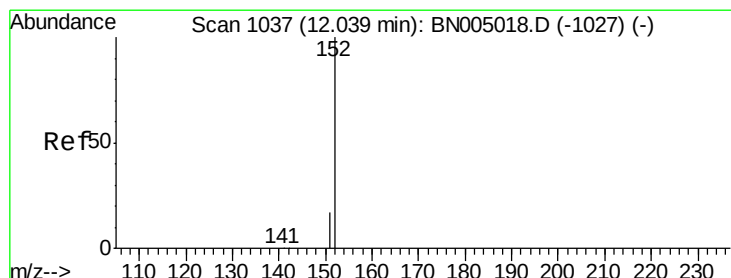
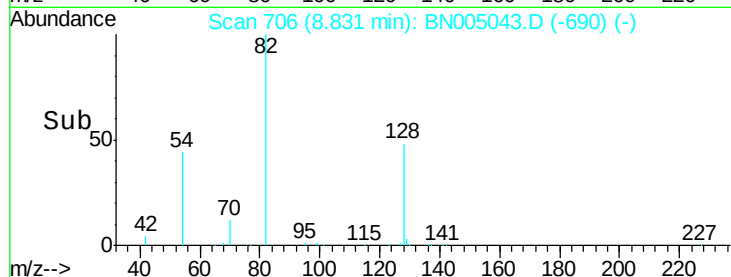
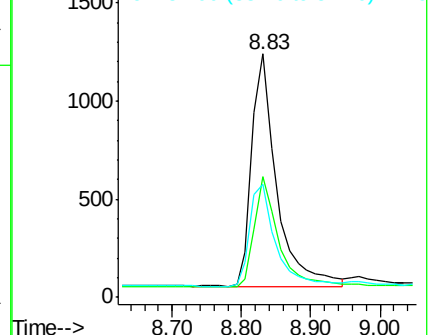
54 46.4 35.7 53.5



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN005043.D

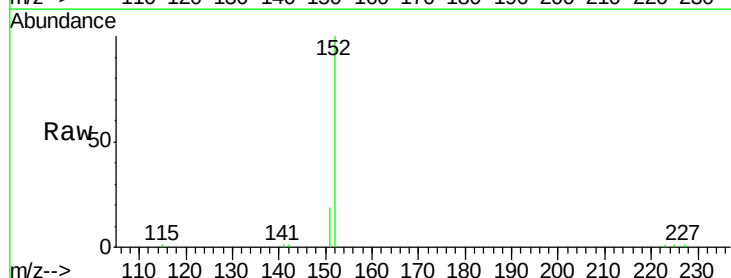
Acq: 01 Apr 2019 11:48

Tgt Ion: 152 Resp: 7861

Ion Ratio Lower Upper

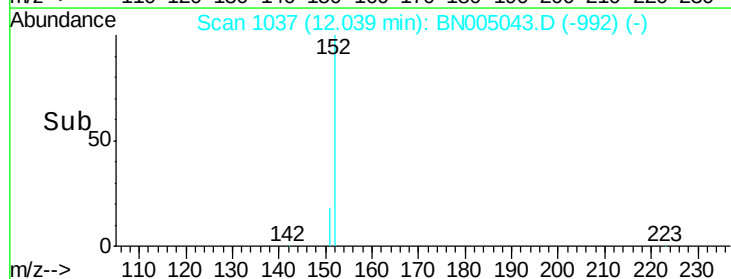
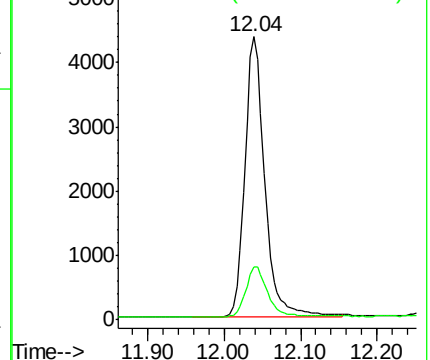
152 100

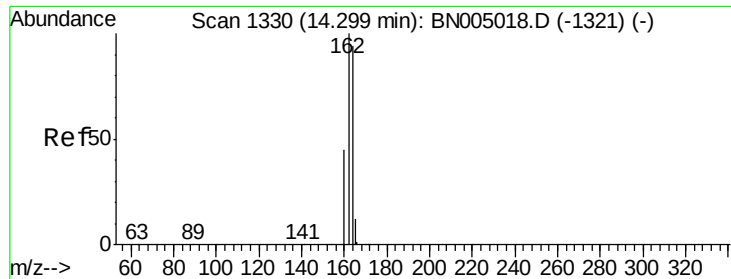
151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

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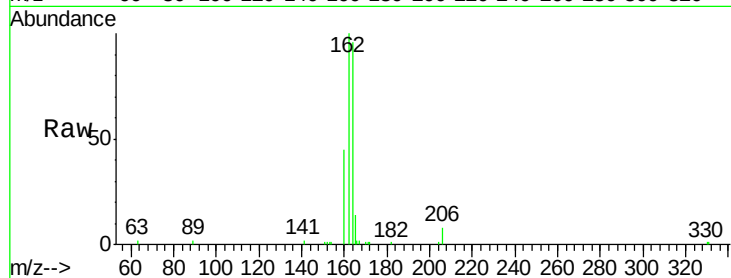
Tgt Ion:164 Resp: 7597

Ion Ratio Lower Upper

164 100

162 104.5 85.3 127.9

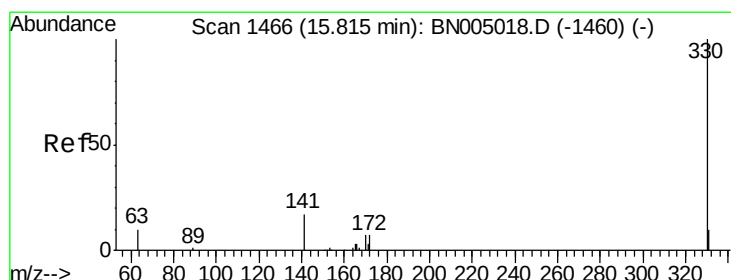
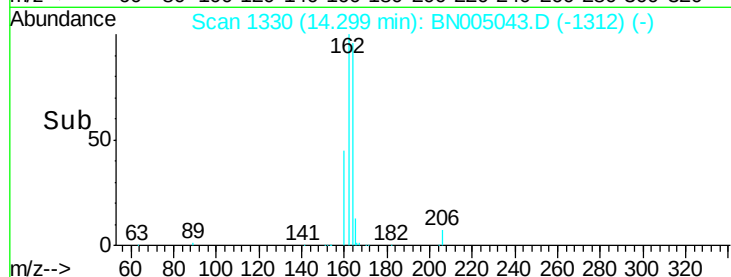
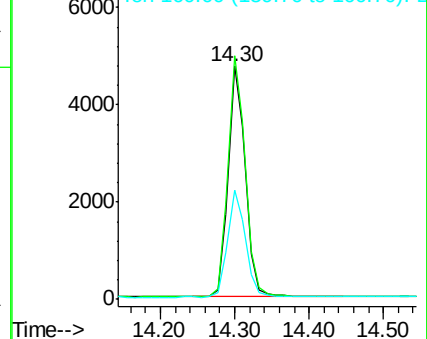
160 47.1 39.2 58.8



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: 0.456 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

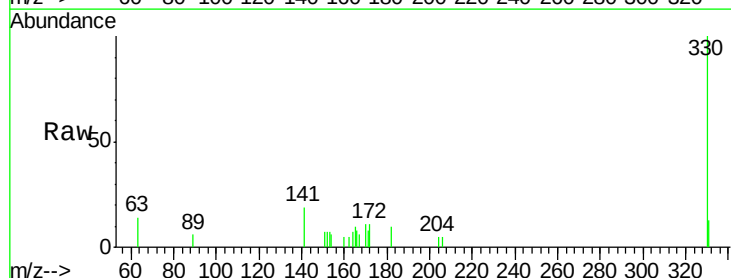
Tgt Ion:330 Resp: 1943

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

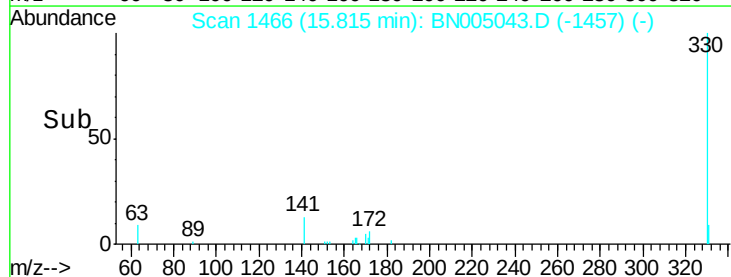
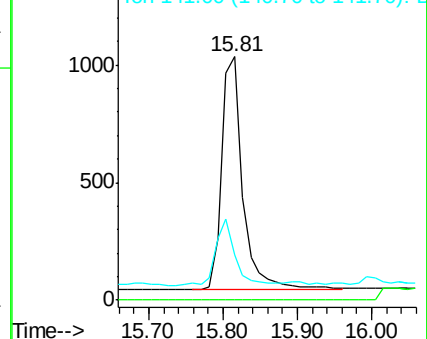
141 26.6 21.3 31.9

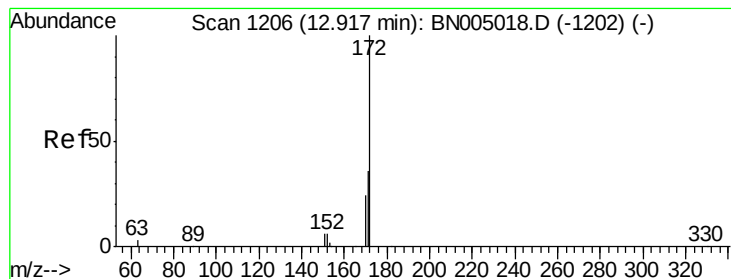


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.609 ng

RT: 12.92 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

Instrument :

BNA_N

ClientSampleId :

W-1

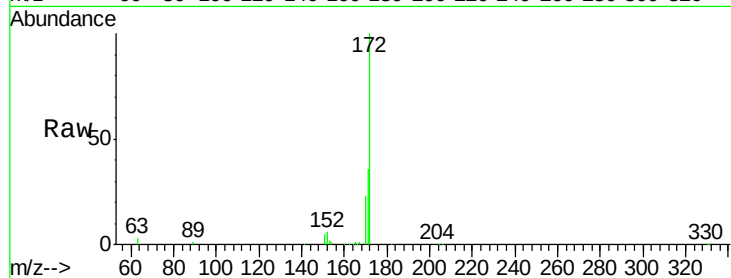
Tgt Ion:172 Resp: 17473

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

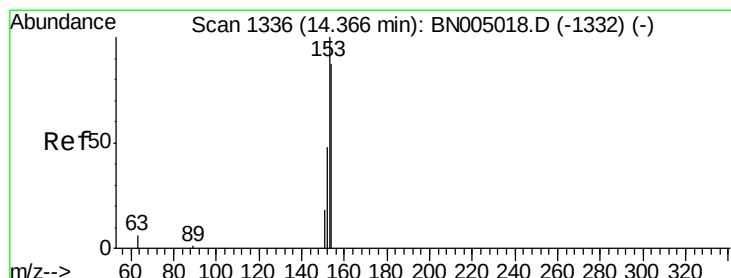
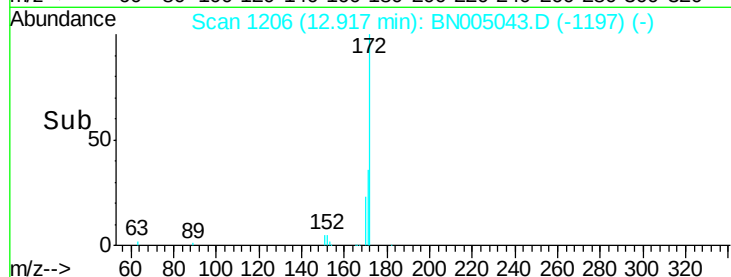
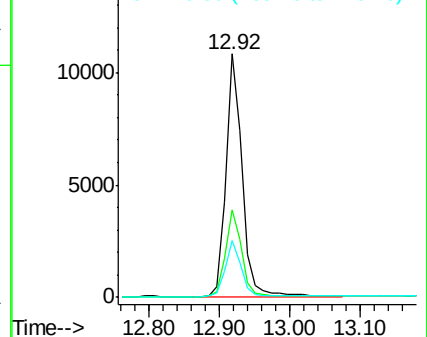
170 23.5 20.0 30.0



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



#17

Acenaphthene

Concen: 0.073 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

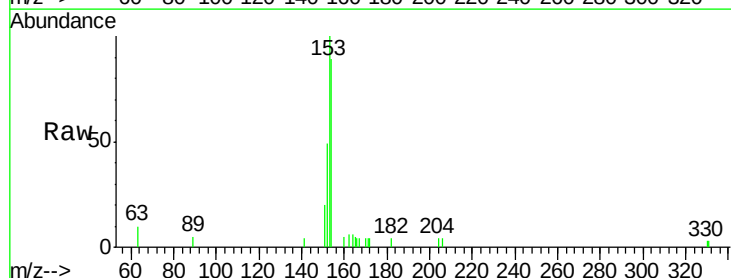
Tgt Ion:154 Resp: 1672

Ion Ratio Lower Upper

154 100

153 114.5 92.1 138.1

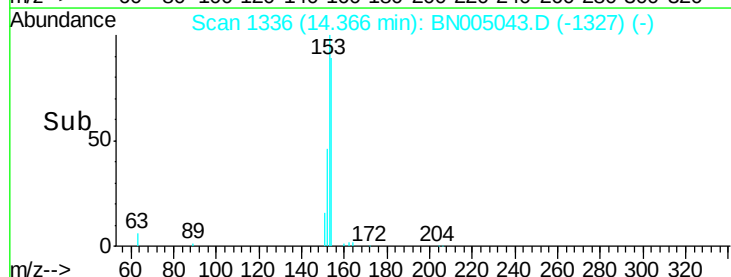
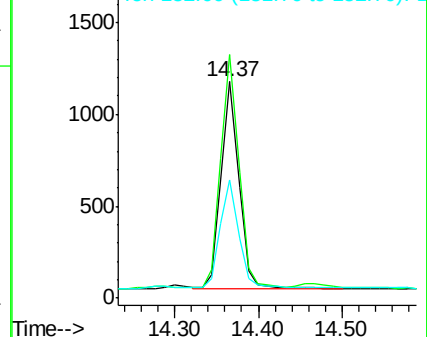
152 54.7 44.2 66.2

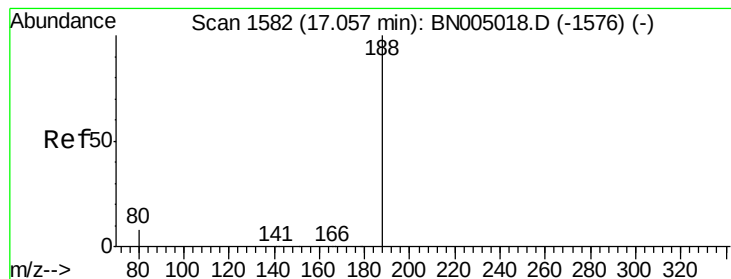


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

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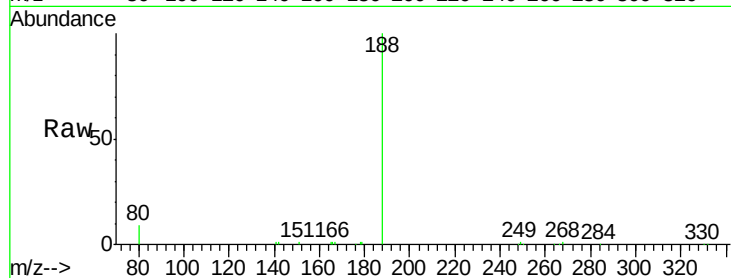
Tgt Ion:188 Resp: 17702

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

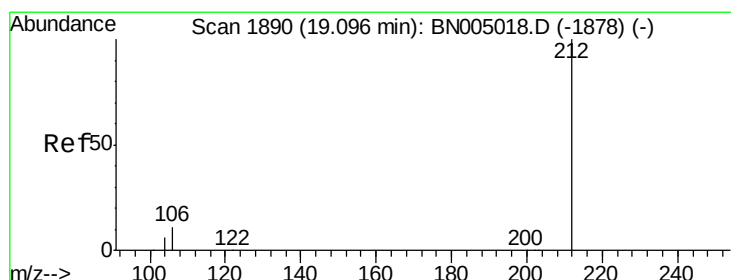
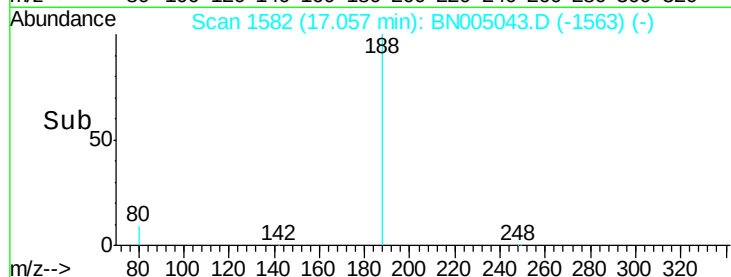
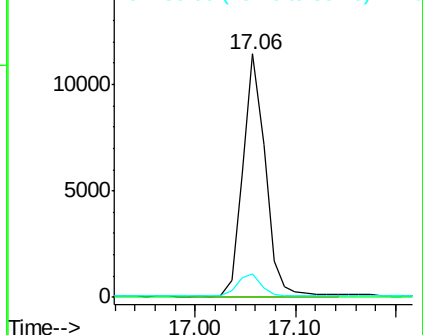
80 9.5 6.9 10.3



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



#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

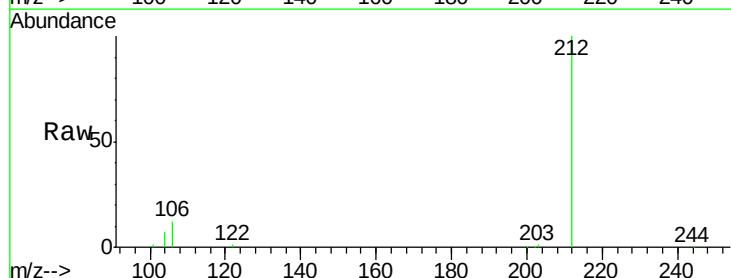
Tgt Ion:212 Resp: 20649

Ion Ratio Lower Upper

212 100

106 12.3 9.4 14.2

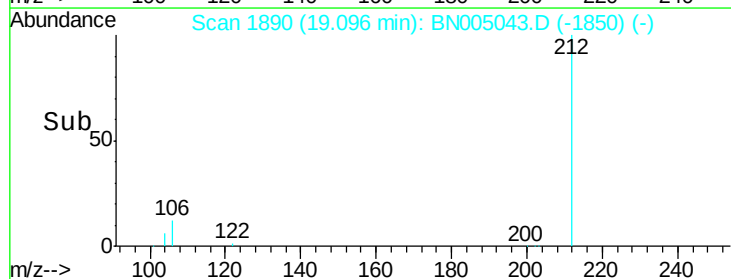
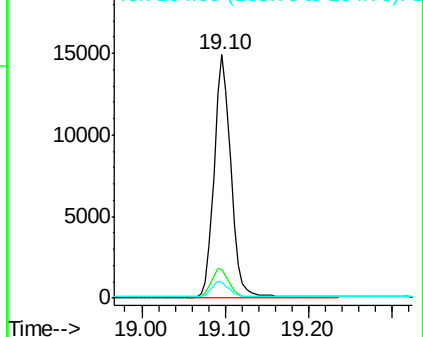
104 6.7 5.4 8.0

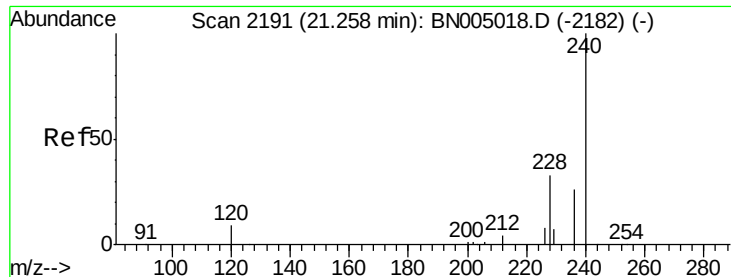


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

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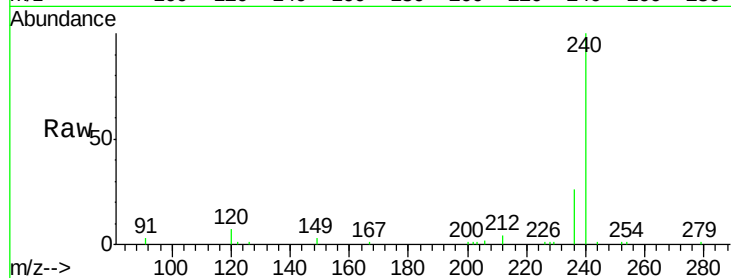
Tgt Ion:240 Resp: 18798

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

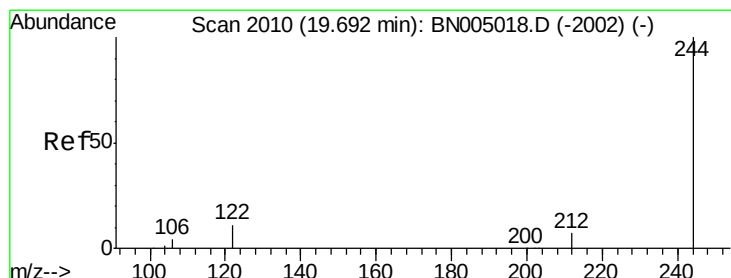
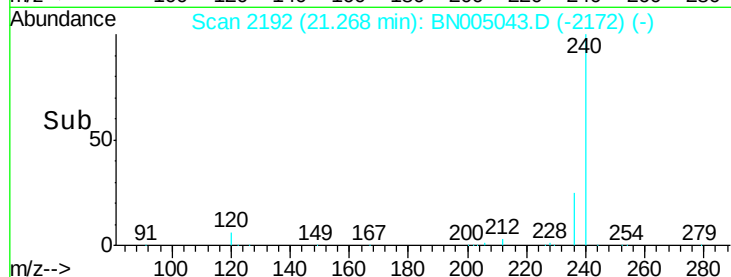
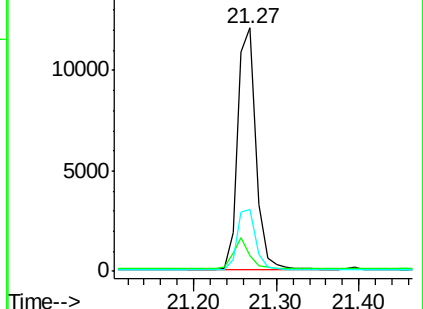
236 25.5 21.0 31.6



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: 0.611 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN005043.D

Acq: 01 Apr 2019 11:48

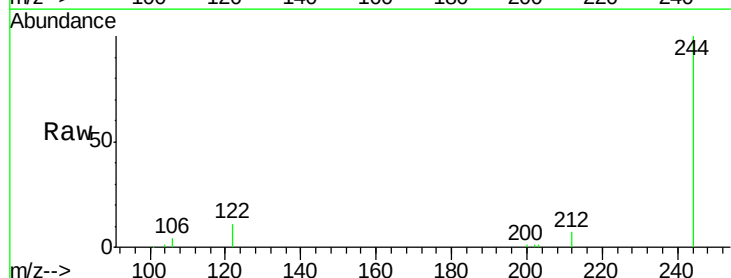
Tgt Ion:244 Resp: 23611

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

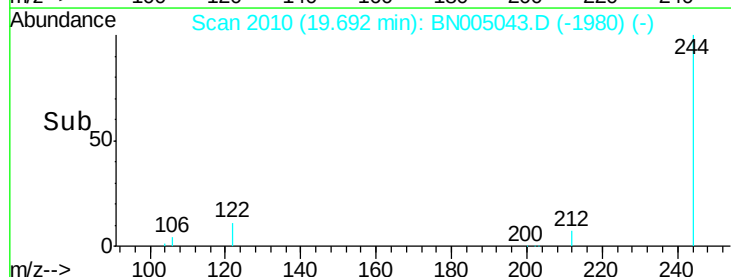
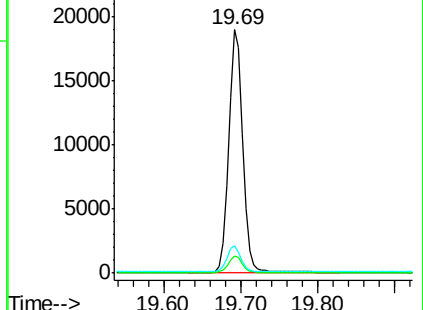
122 11.3 9.0 13.4

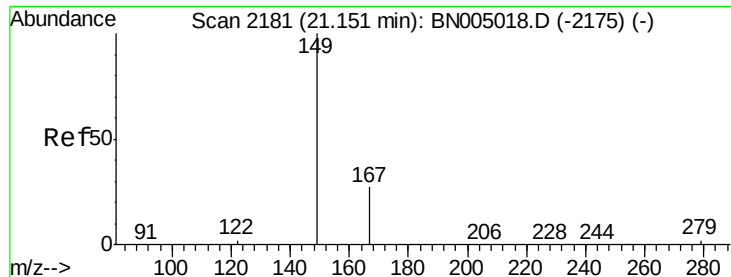


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

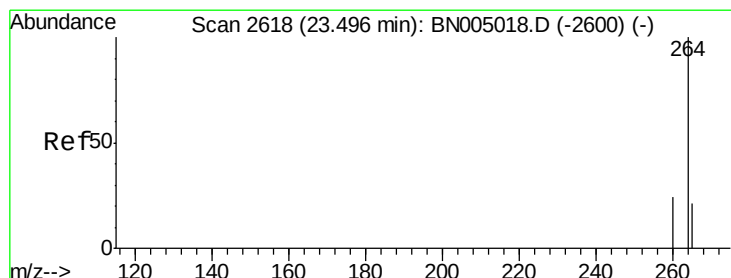
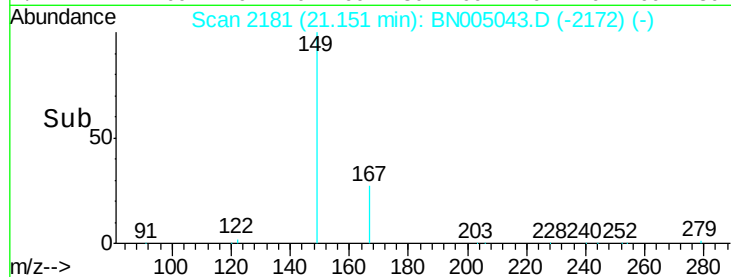
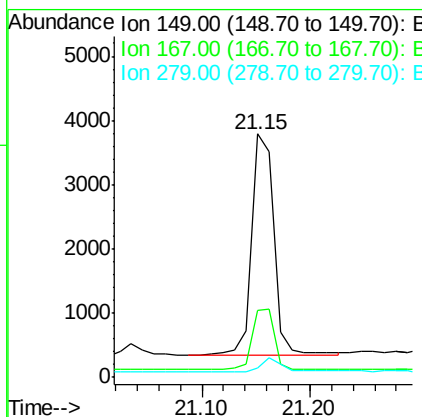
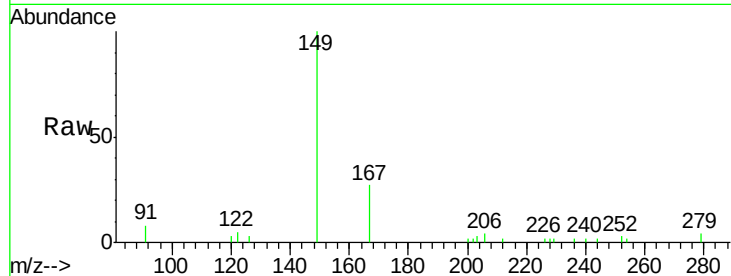




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.220 ng
 RT: 21.15 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BN005043.D
 Acq: 01 Apr 2019 11:48

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Tgt Ion:149 Resp: 4874
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 5.5 4.2 6.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BN005043.D
 Acq: 01 Apr 2019 11:48

Tgt Ion:264 Resp: 17061
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 28.6 22.5 33.7

