

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005055.D
 Acq On : 02 Apr 2019 11:02
 Operator : JU/SJ
 Sample : K2020-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS035-190318

Quant Time: Apr 03 01:56:36 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

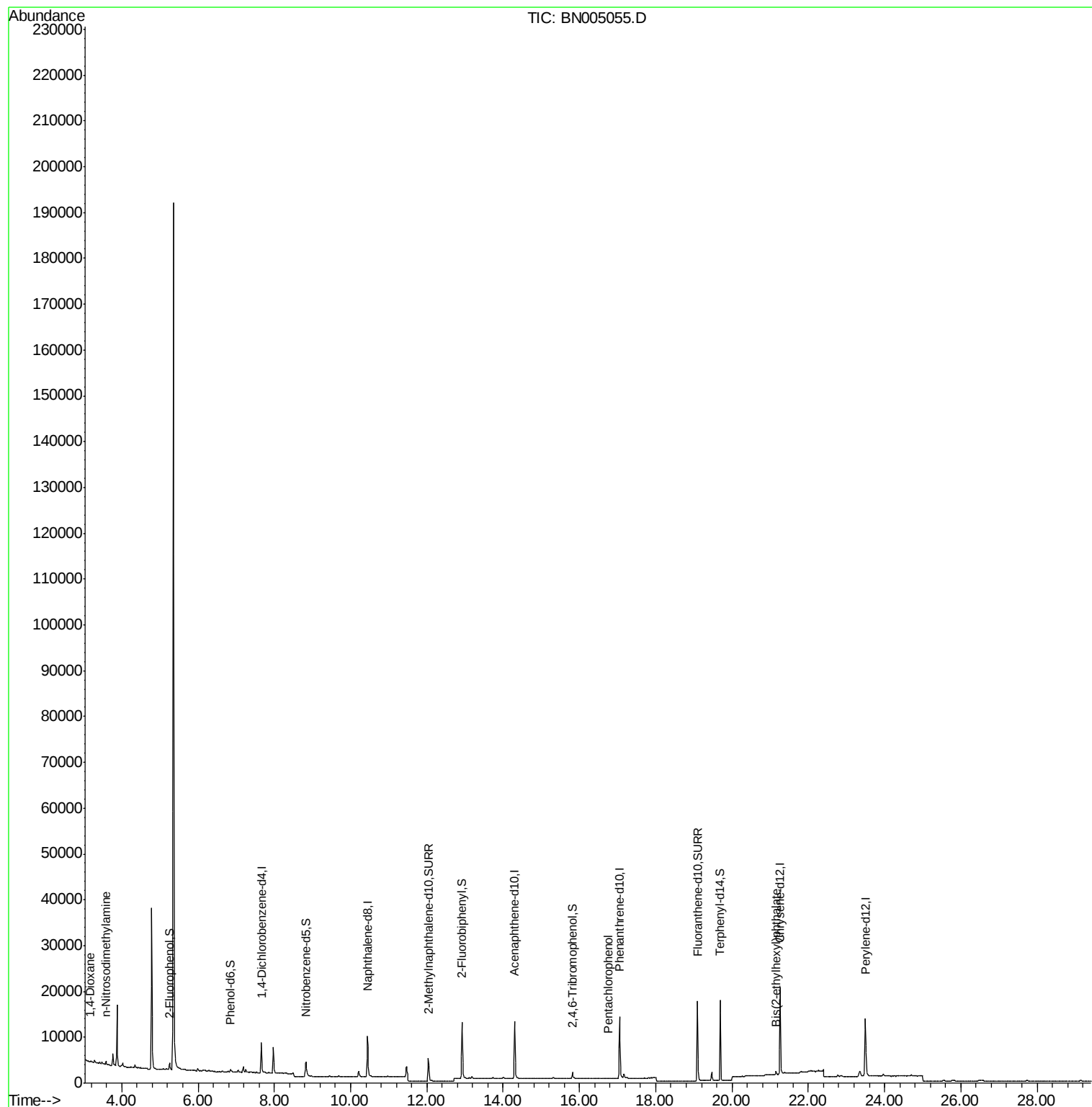
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3335	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	14254	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	8203	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	19255	0.40	ng	0.00
27) Chrysene-d12	21.26	240	20325	0.40	ng	0.00
34) Perylene-d12	23.50	264	18490	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1472	0.18	ng	0.00
5) Phenol-d6	6.86	99	945	0.10	ng	0.00
8) Nitrobenzene-d5	8.83	82	3339	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	8450	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1557	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	13102	0.42	ng	0.00
25) Fluoranthene-d10	19.10	212	21272	0.39	ng	0.00
29) Terphenyl-d14	19.69	244	17809	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	100	0.028	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	85	0.039	ng	# 1
22) Pentachlorophenol	16.75	266	15	0.096	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.15	149	730	0.030	ng	# 96

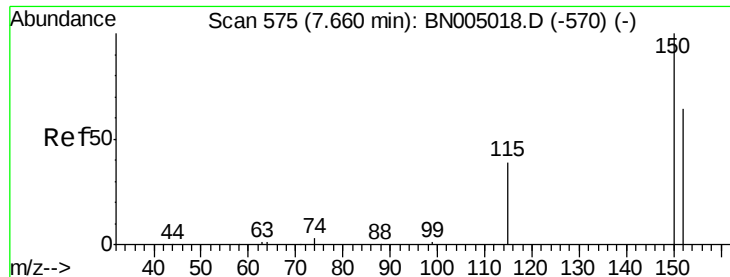
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN005055.D

Acq: 02 Apr 2019 11:02

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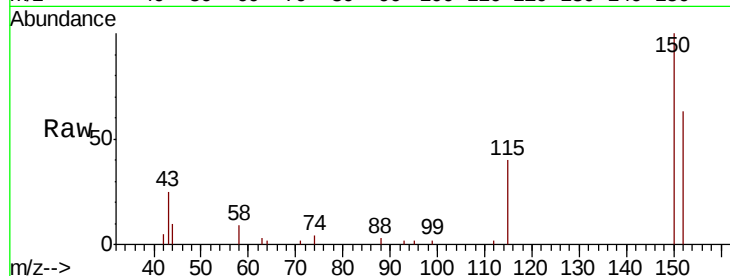
Tgt Ion: 152 Resp: 3335

Ion Ratio Lower Upper

152 100

150 157.5 123.4 185.2

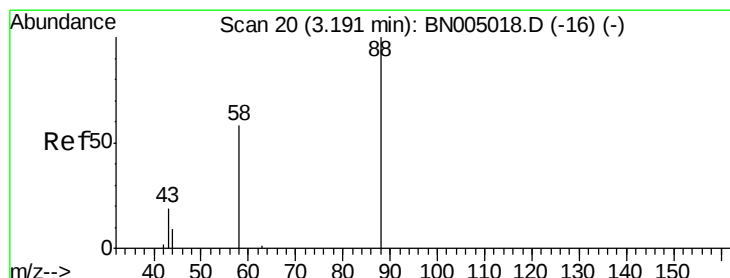
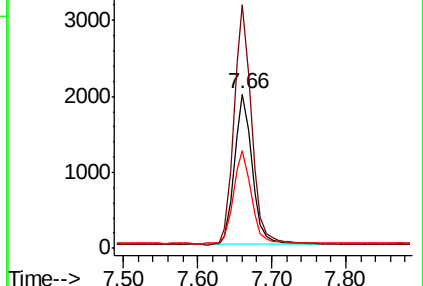
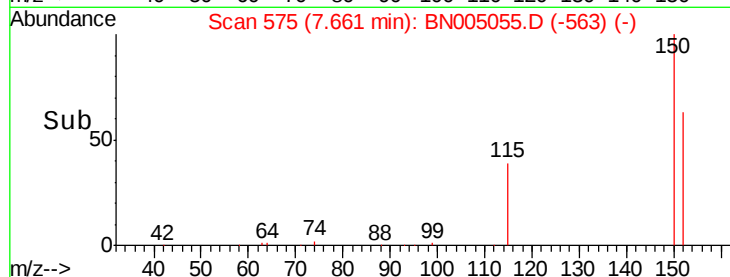
115 63.4 50.0 75.0



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



#2

1,4-Dioxane

Concen: 0.028 ng

RT: 3.18 min Scan# 19

Delta R.T. -0.01 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

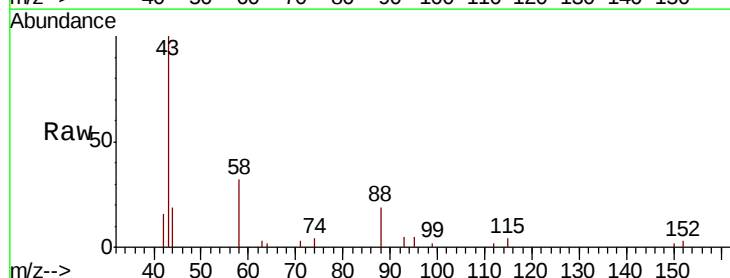
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

58 14.0 52.8 79.2#

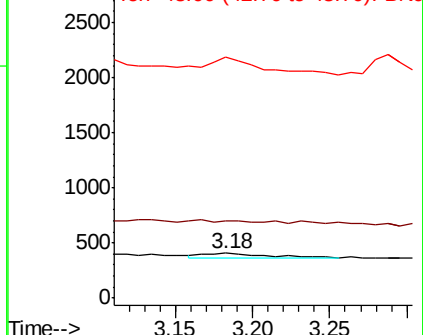
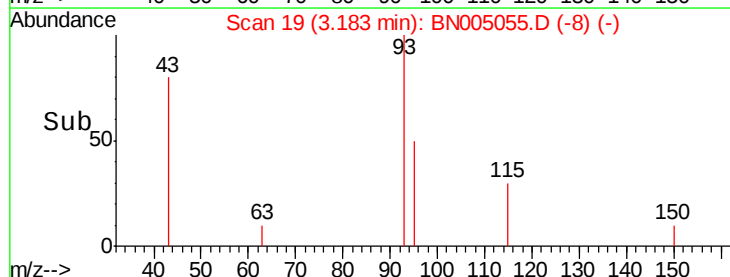
43 369.0 19.6 29.4#

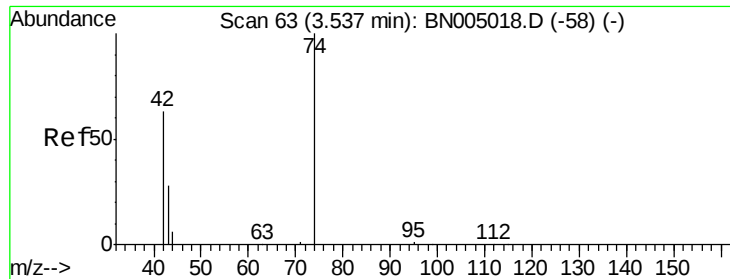


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.05 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

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KY038PS035-190318

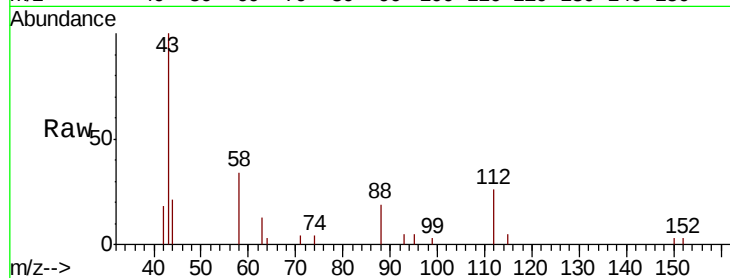
Tgt Ion: 42 Resp: 85

Ion Ratio Lower Upper

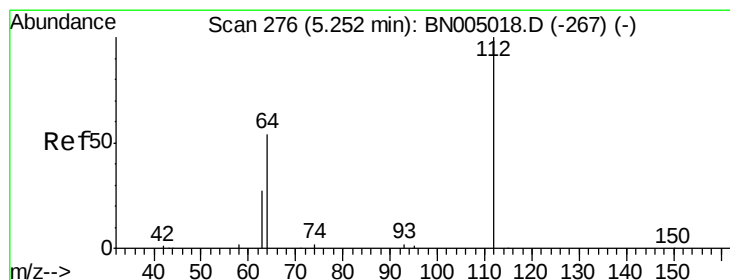
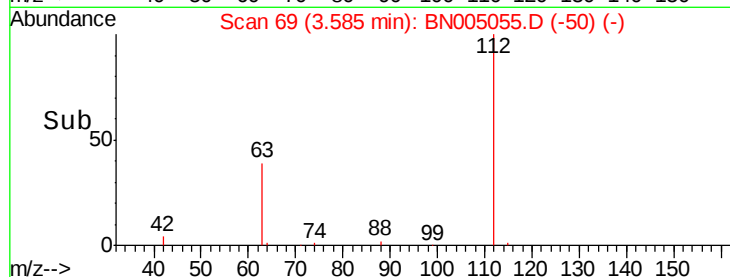
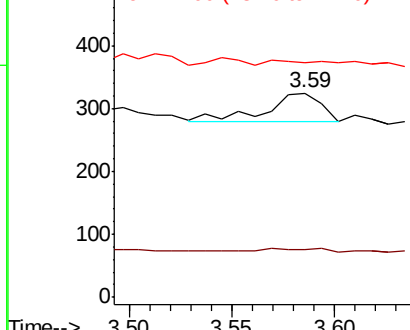
42 100

74 10.6 129.1 193.7#

44 11.8 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: 0.177 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

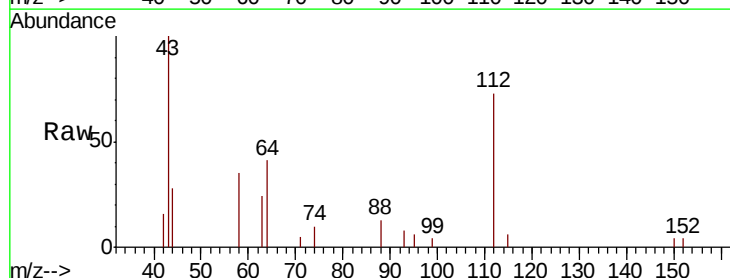
Tgt Ion: 112 Resp: 1472

Ion Ratio Lower Upper

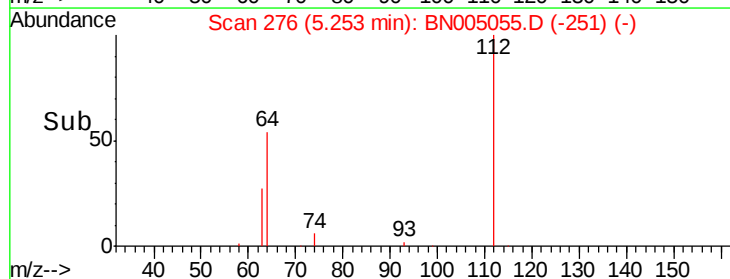
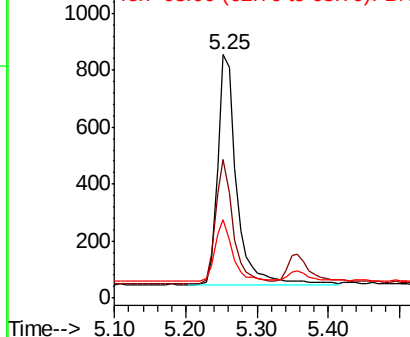
112 100

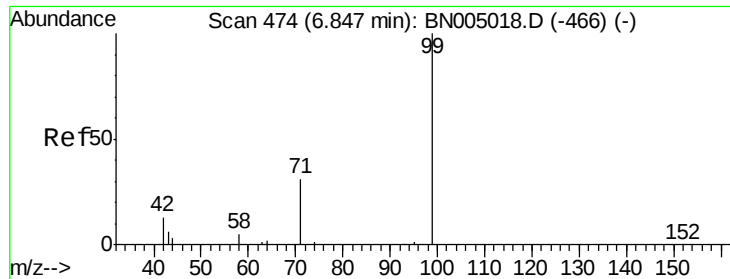
64 50.1 41.9 62.9

63 25.0 21.5 32.3



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





#5

Phenol-d6

Concen: 0.096 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

BNA_N

ClientSampleId :

KY038PS035-190318

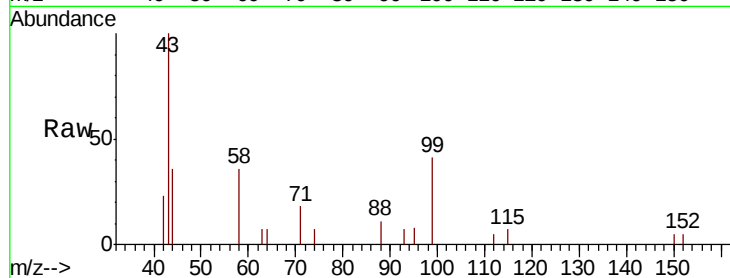
Tgt Ion: 99 Resp: 945

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 25.8 26.1 39.1#

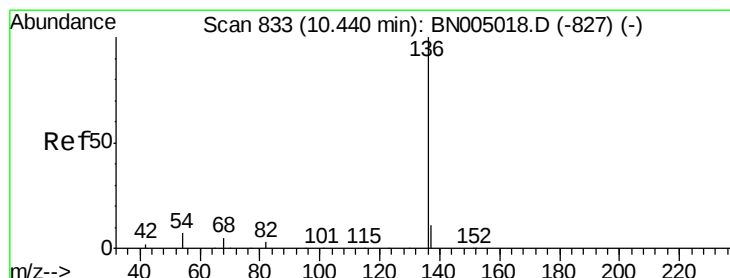
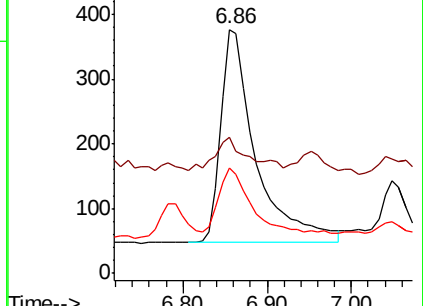
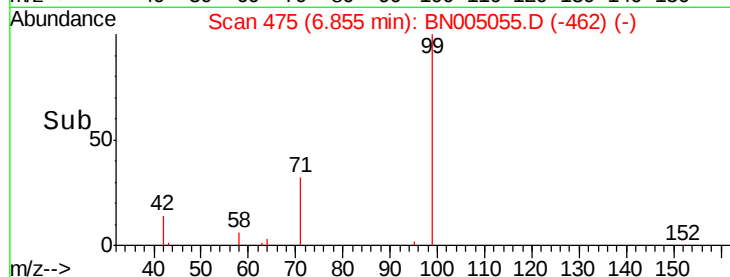


Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Tgt Ion: 136 Resp: 14254

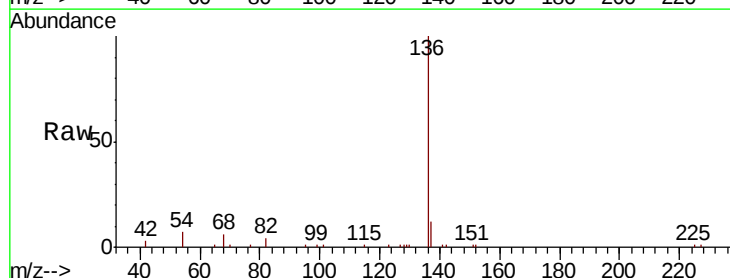
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.1 6.0 9.0

68 6.1 5.0 7.6



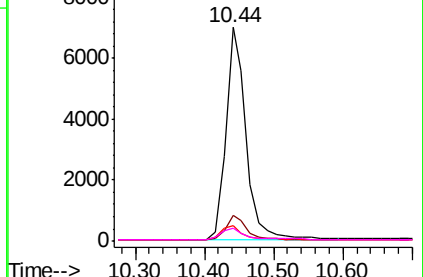
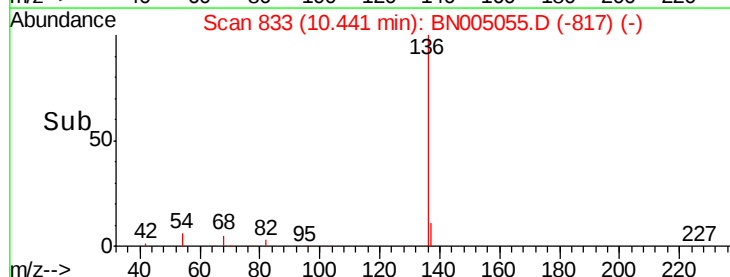
Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

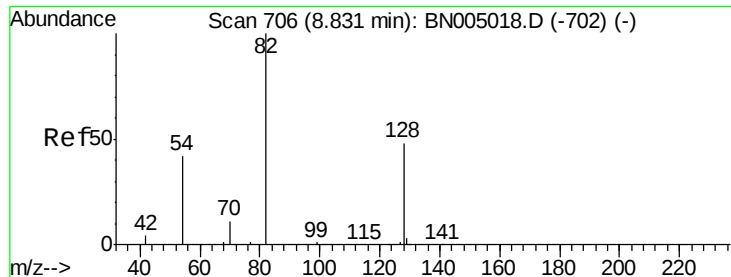
Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

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

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

Time-->





#8

Nitrobenzene-d5

Concen: 0.404 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

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ClientSampleId :

KY038PS035-190318

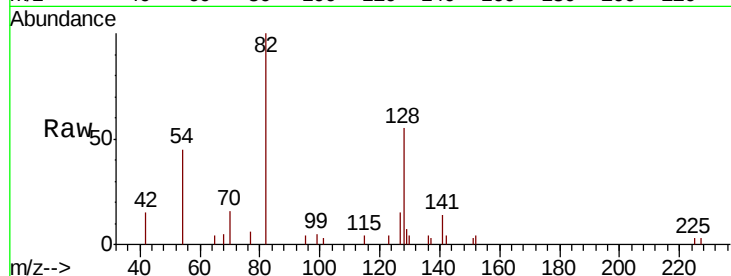
Tgt Ion: 82 Resp: 3339

Ion Ratio Lower Upper

82 100

128 54.6 40.5 60.7

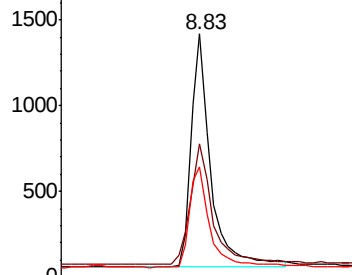
54 45.2 35.7 53.5



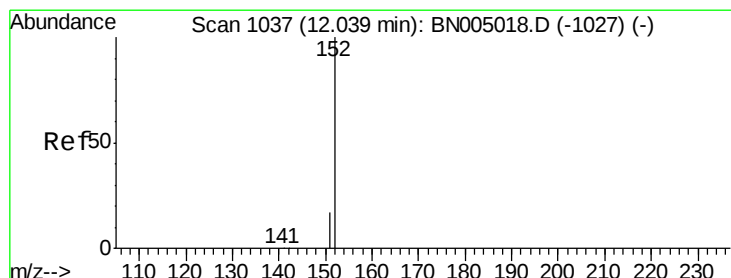
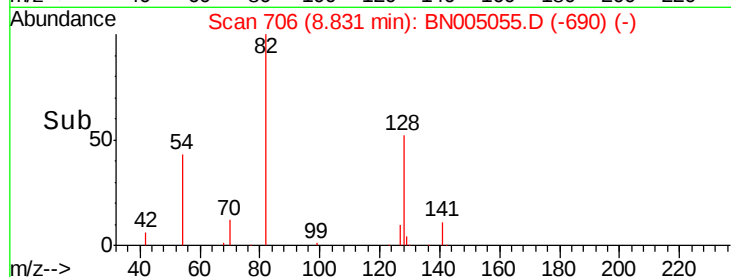
Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN005055.D

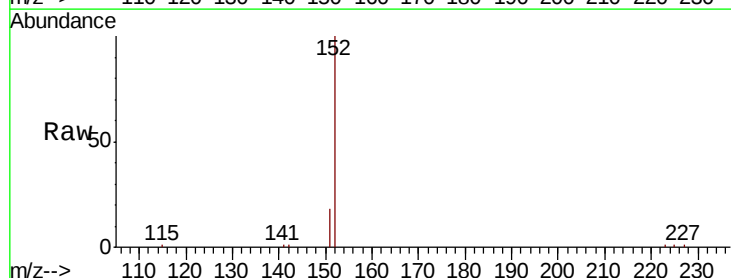
Acq: 02 Apr 2019 11:02

Tgt Ion: 152 Resp: 8450

Ion Ratio Lower Upper

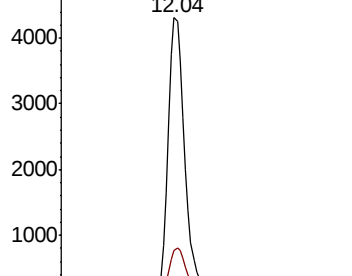
152 100

151 19.2 15.3 22.9

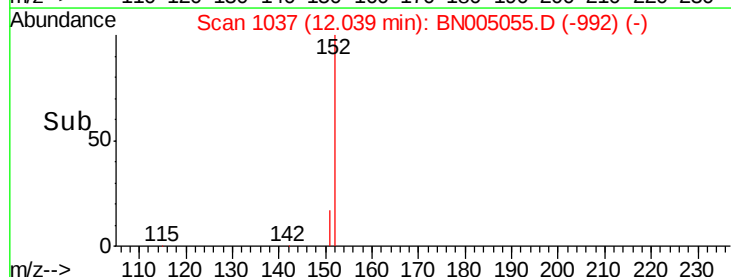


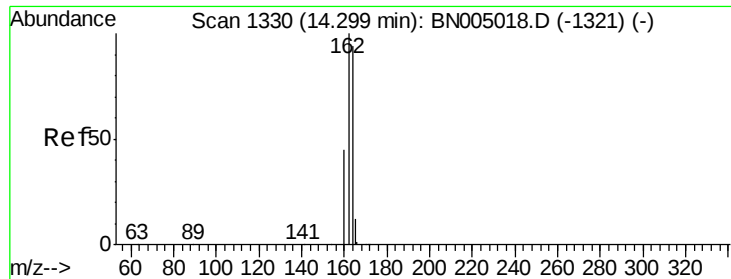
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

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ClientSampleId :

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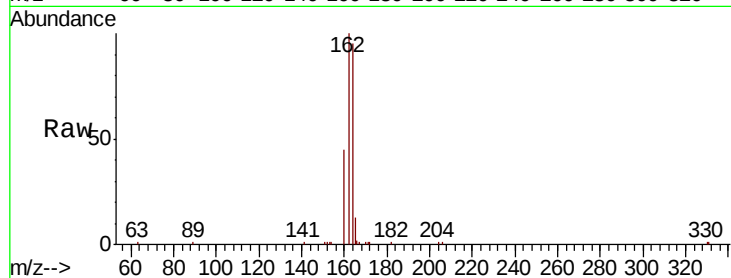
Tgt Ion:164 Resp: 8203

Ion Ratio Lower Upper

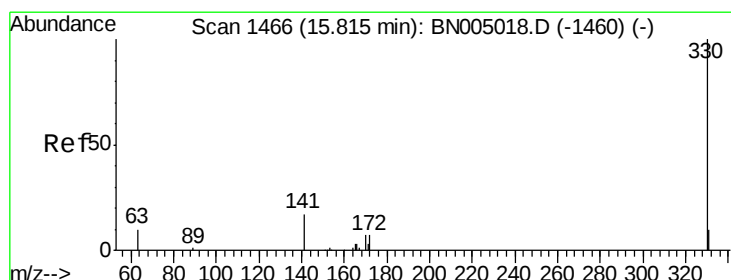
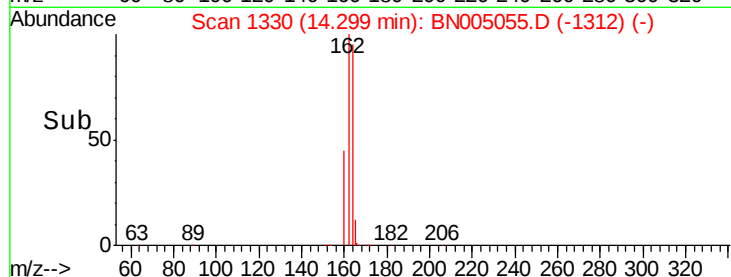
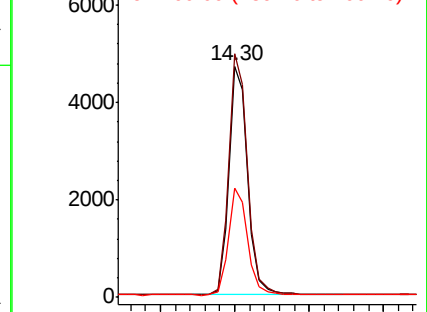
164 100

162 105.5 85.3 127.9

160 47.6 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: 0.338 ng

RT: 15.82 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

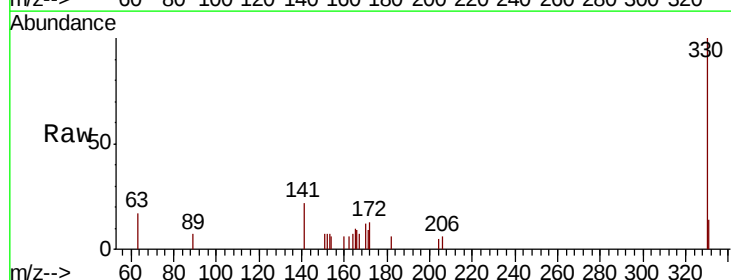
Tgt Ion:330 Resp: 1557

Ion Ratio Lower Upper

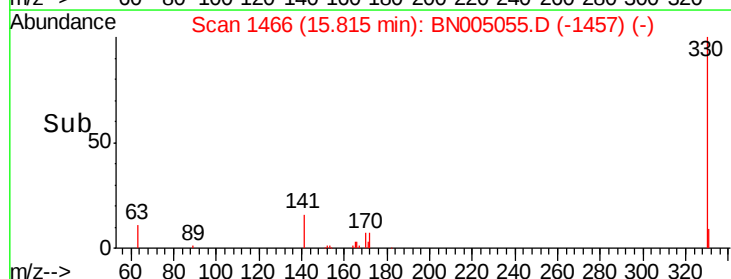
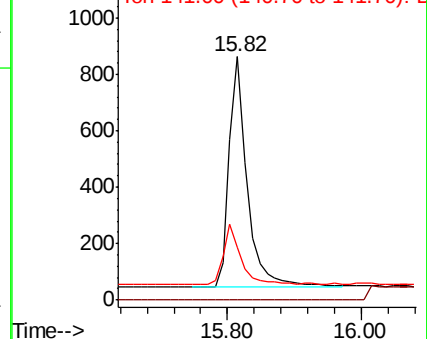
330 100

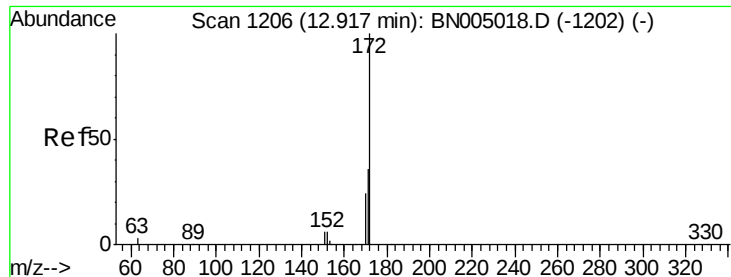
332 0.0 0.0 0.0

141 26.4 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

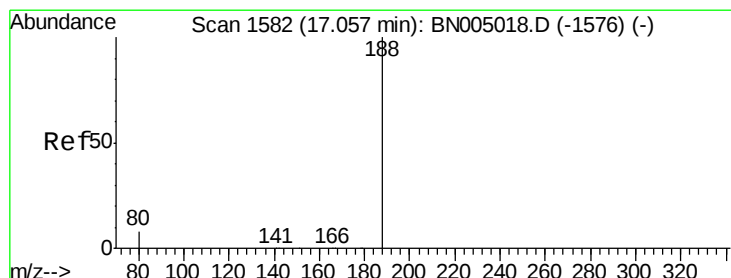
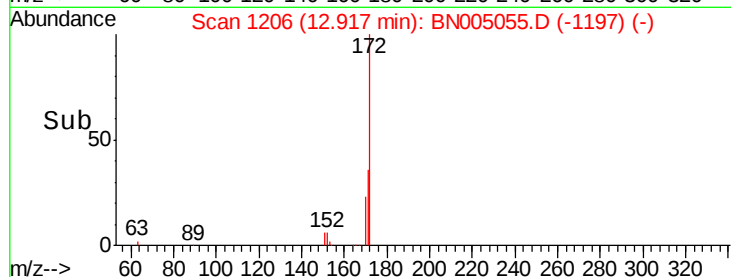
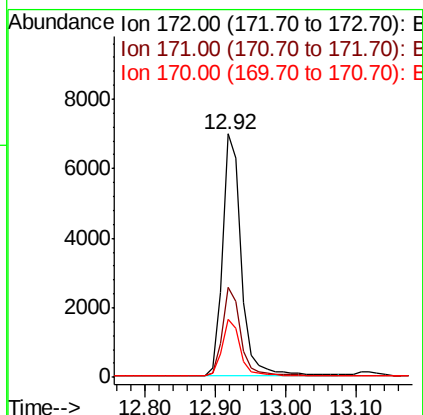
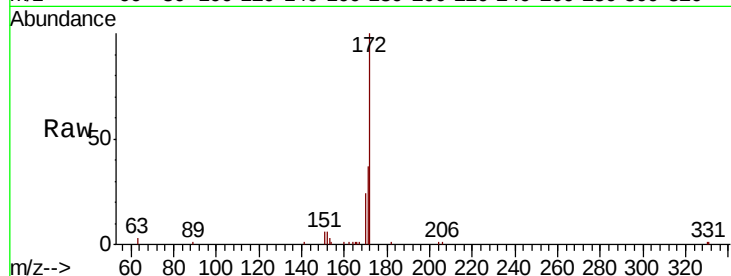




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005055.D
Acq: 02 Apr 2019 11:02

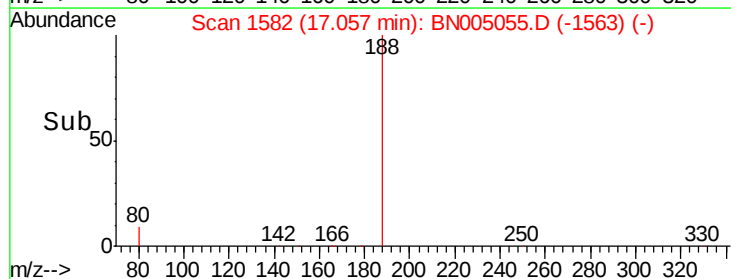
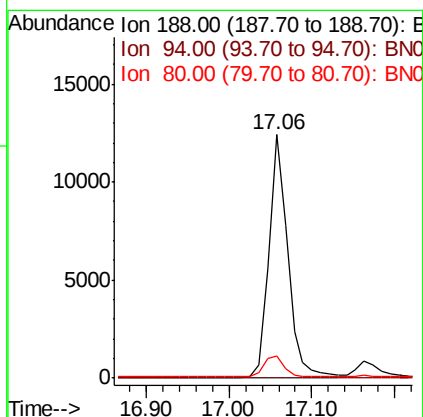
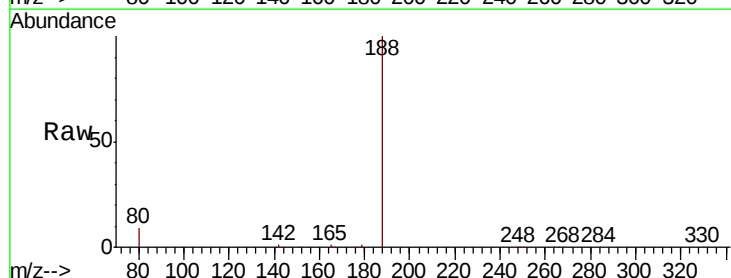
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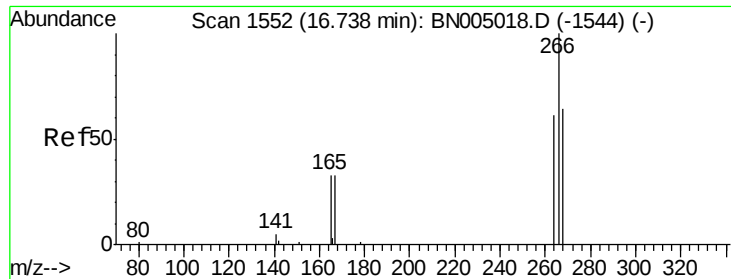
Tgt Ion:172 Resp: 13102
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 23.9 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005055.D
Acq: 02 Apr 2019 11:02

Tgt Ion:188 Resp: 19255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.9 10.3





#22

Pentachlorophenol

Concen: 0.096 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN005055.D

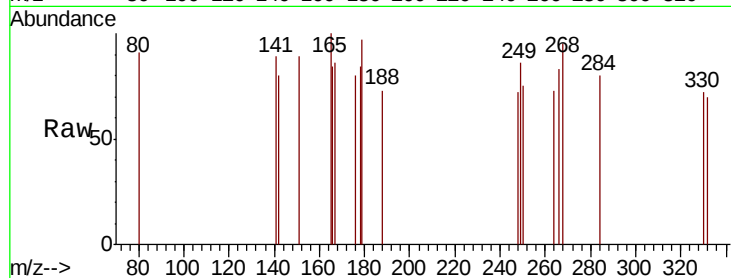
Acq: 02 Apr 2019 11:02

Instrument :

BNA_N

ClientSampleId :

KY038PS035-190318



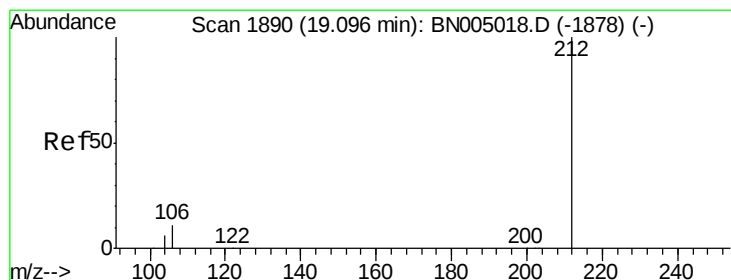
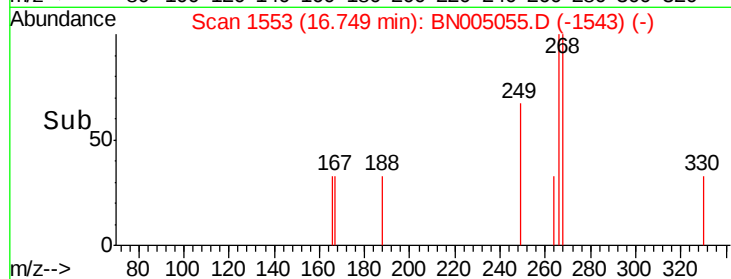
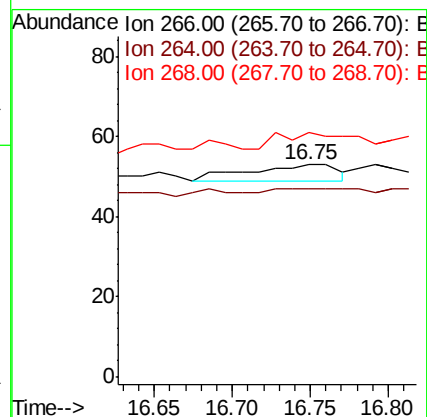
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 88.7 53.4 80.0#

268 115.1 58.9 88.3#



#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

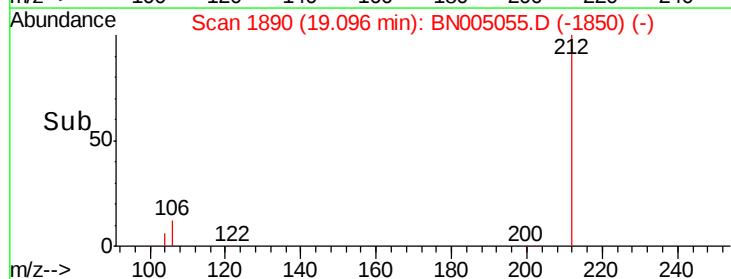
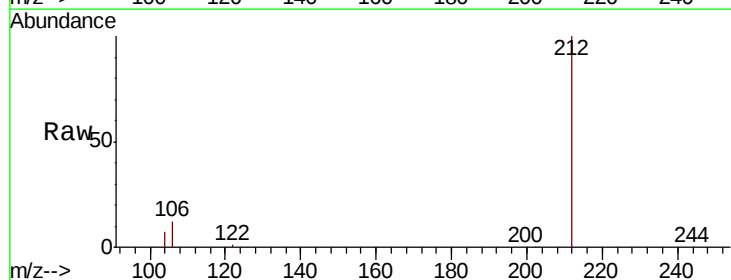
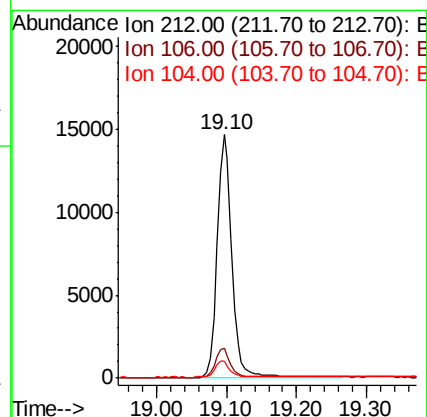
Tgt Ion:212 Resp: 21272

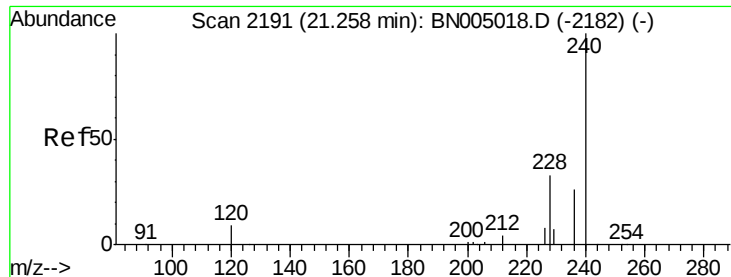
Ion Ratio Lower Upper

212 100

106 12.1 9.4 14.2

104 6.7 5.4 8.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

BNA_N

ClientSampleId :

KY038PS035-190318

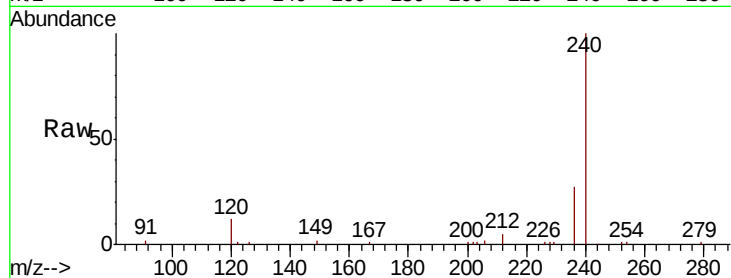
Tgt Ion:240 Resp: 20325

Ion Ratio Lower Upper

240 100

120 11.8 7.4 11.0#

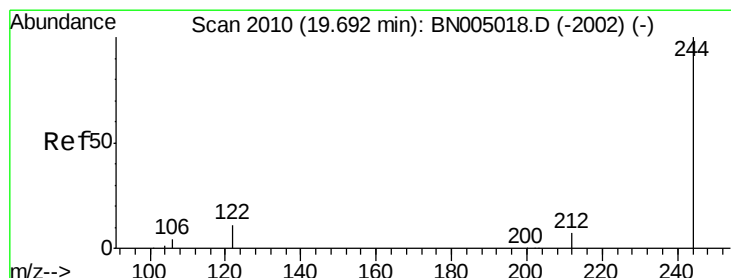
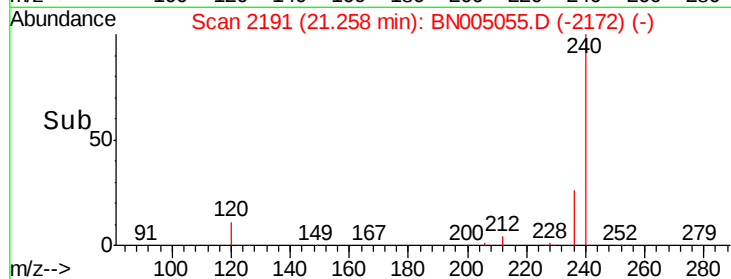
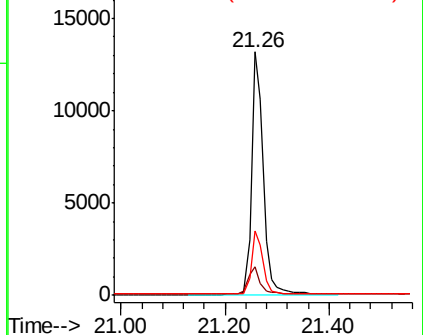
236 26.5 21.0 31.6



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: 0.426 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

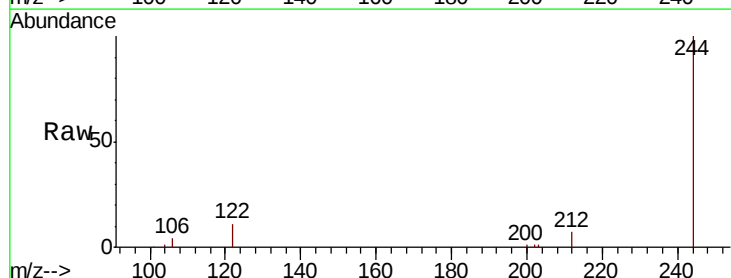
Tgt Ion:244 Resp: 17809

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

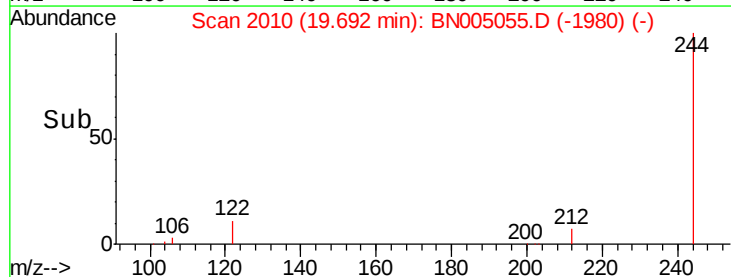
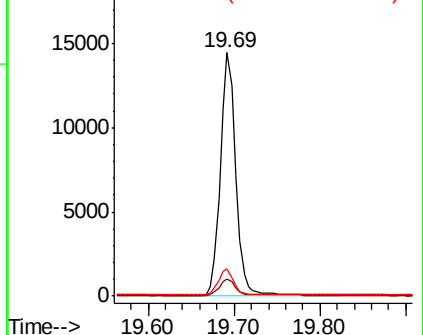
122 11.0 9.0 13.4

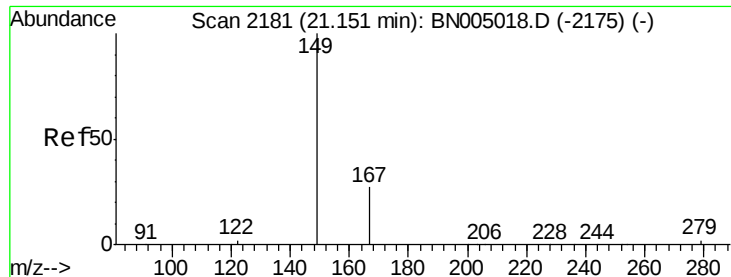


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

Instrument :

BNA_N

ClientSampleId :

KY038PS035-190318

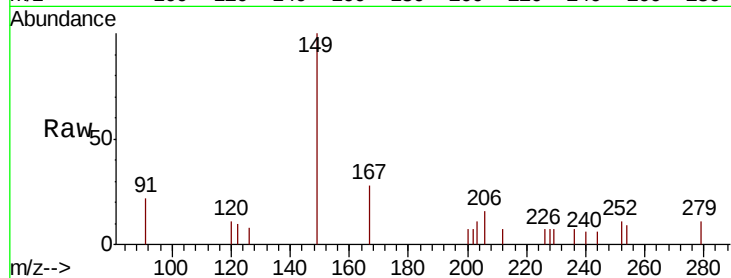
Tgt Ion:149 Resp: 730

Ion Ratio Lower Upper

149 100

167 25.9 22.2 33.4

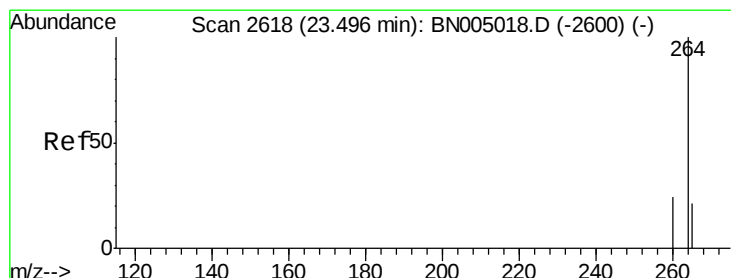
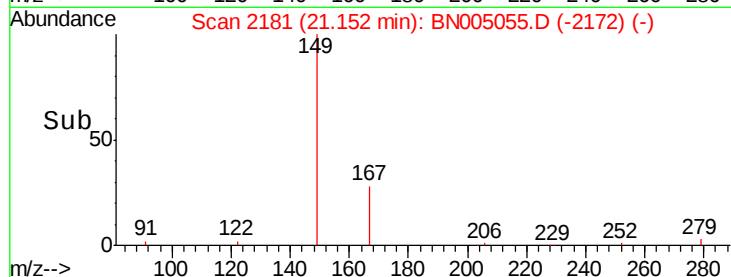
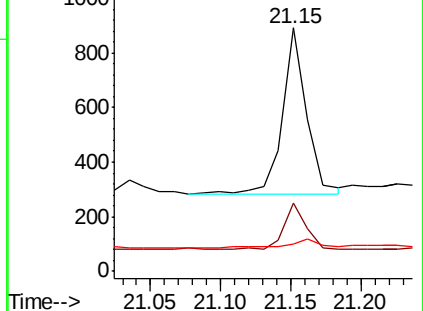
279 8.2 4.2 6.4#



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# 2618

Delta R.T. 0.00 min

Lab File: BN005055.D

Acq: 02 Apr 2019 11:02

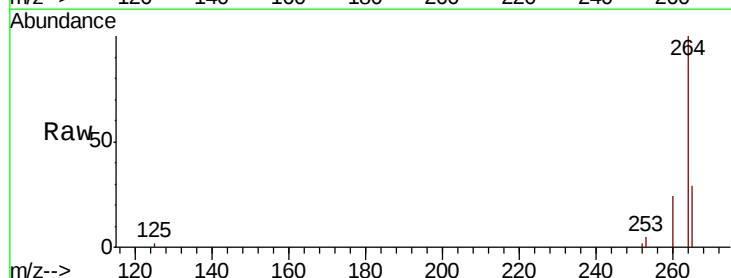
Tgt Ion:264 Resp: 18490

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 28.6 22.5 33.7



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

