

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005056.D
 Acq On : 02 Apr 2019 11:38
 Operator : JU/SJ
 Sample : K2020-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-190318

Quant Time: Apr 03 01:56:45 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

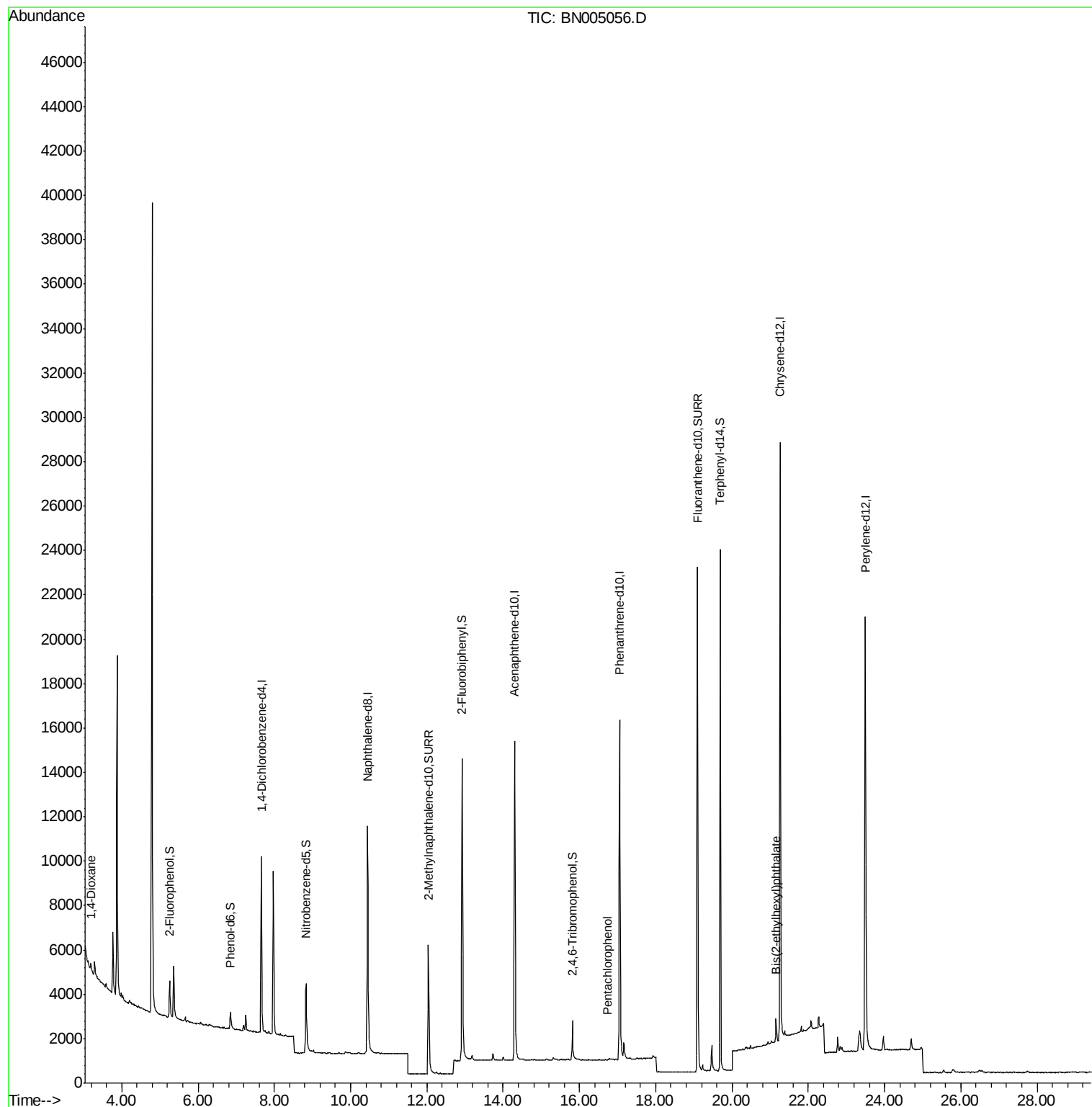
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4199	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	16894	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	9740	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	23466	0.40	ng	0.00
27) Chrysene-d12	21.26	240	27701	0.40	ng	0.00
34) Perylene-d12	23.49	264	28607	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1858	0.18	ng	0.00
5) Phenol-d6	6.85	99	1214	0.10	ng	0.00
8) Nitrobenzene-d5	8.83	82	3947	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	10030	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2083	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	15683	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	28813	0.43	ng	0.00
29) Terphenyl-d14	19.69	244	24261	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	242	0.054	ng	Qvalue # 71
22) Pentachlorophenol	16.74	266	16	0.095	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.15	149	1036	0.032	ng	# 96

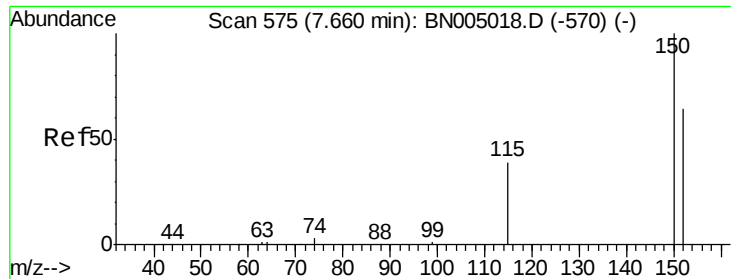
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN005056.D

Acq: 02 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

KY038PS036-190318

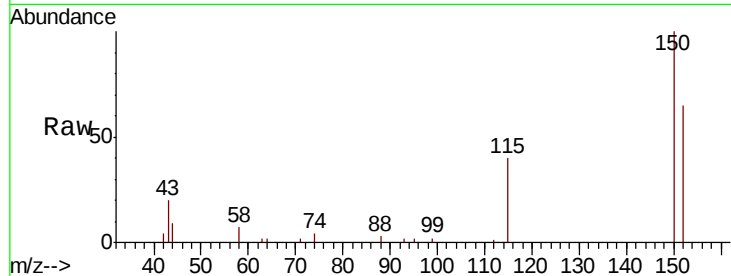
Tgt Ion:152 Resp: 4199

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.2

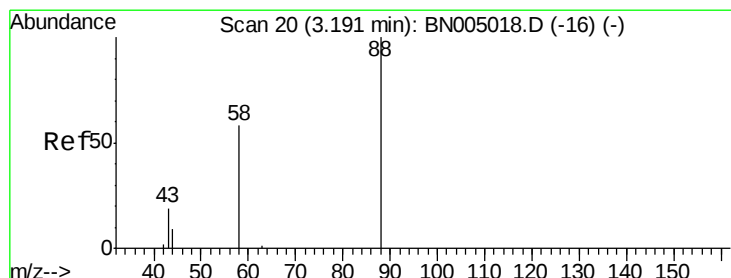
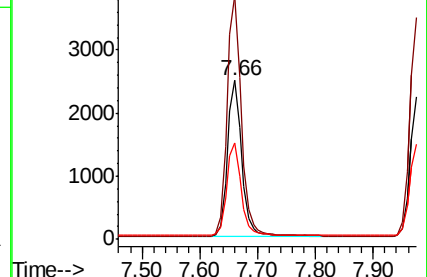
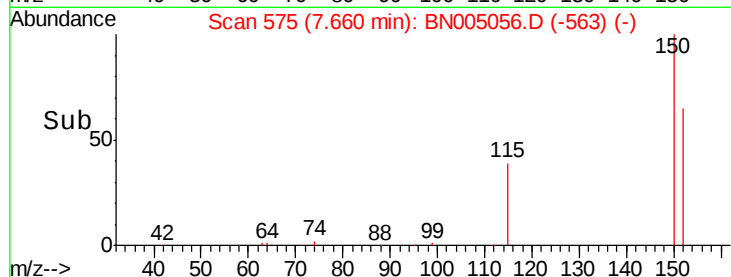
115 60.9 50.0 75.0



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: 0.054 ng

RT: 3.19 min Scan# 20

Delta R.T. -0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

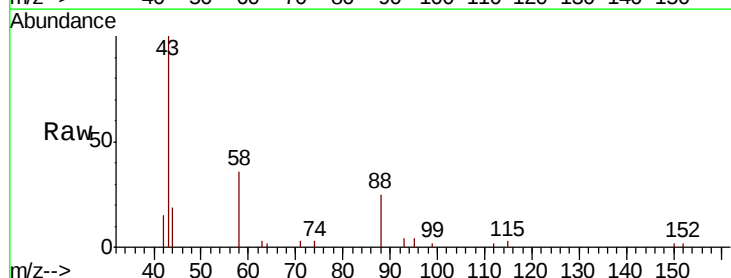
Tgt Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

58 83.1 52.8 79.2#

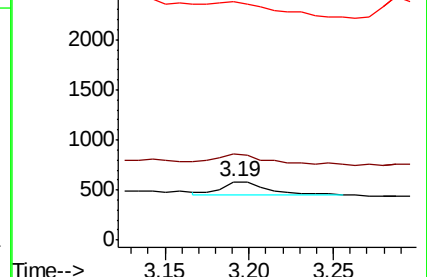
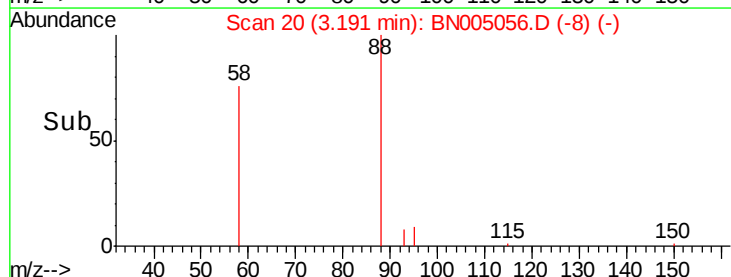
43 0.0 19.6 29.4#

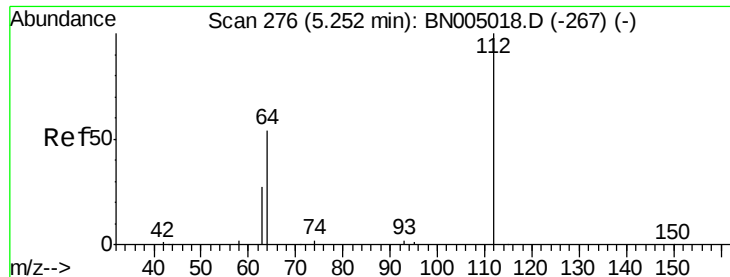


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

Instrument :

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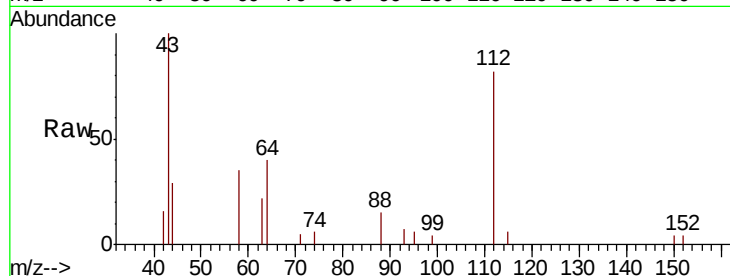
Tgt Ion: 112 Resp: 1858

Ion Ratio Lower Upper

112 100

64 51.4 41.9 62.9

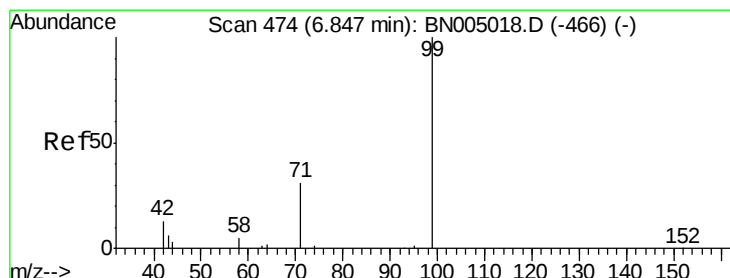
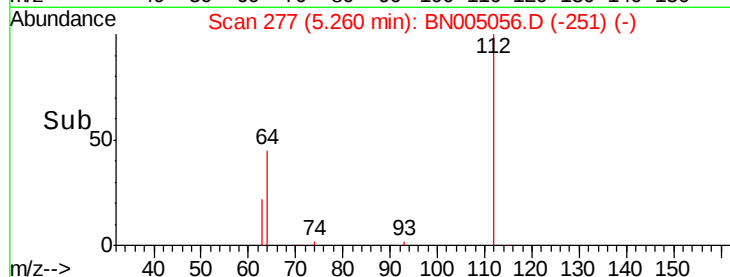
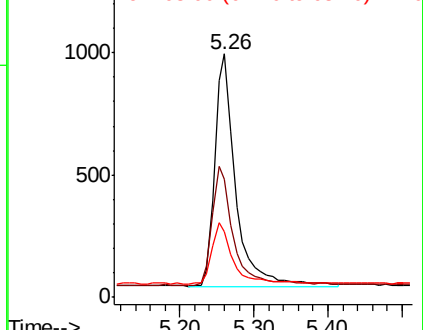
63 26.5 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.098 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

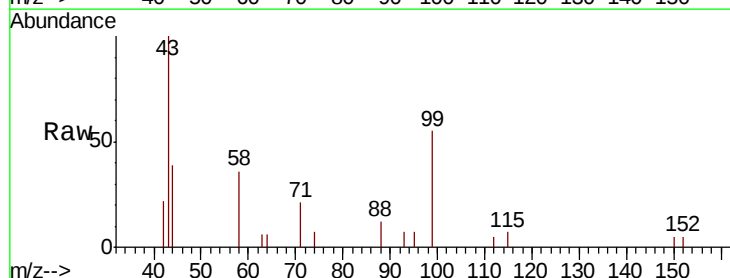
Tgt Ion: 99 Resp: 1214

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

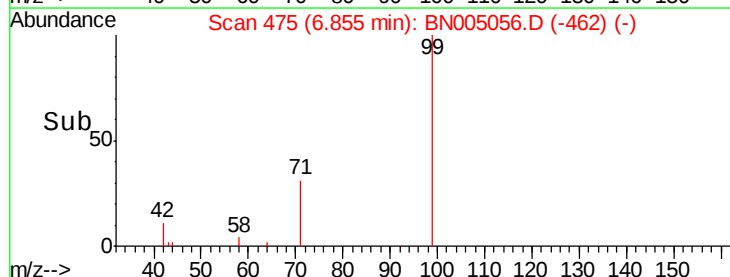
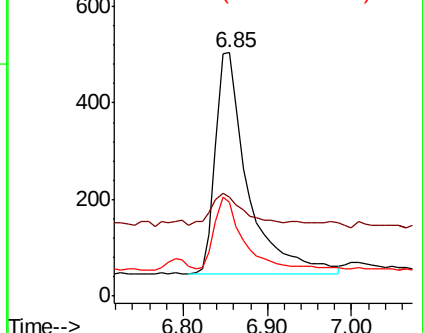
71 29.4 26.1 39.1

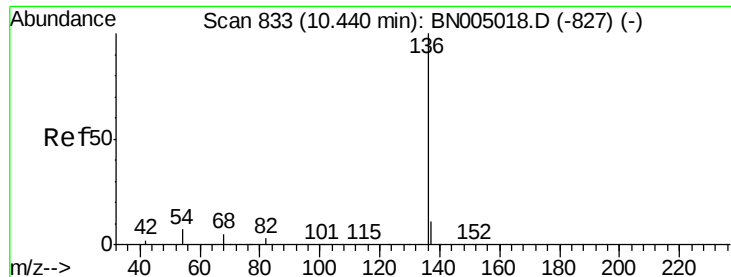


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

KY038PS036-190318

Tgt Ion:136 Resp: 16894

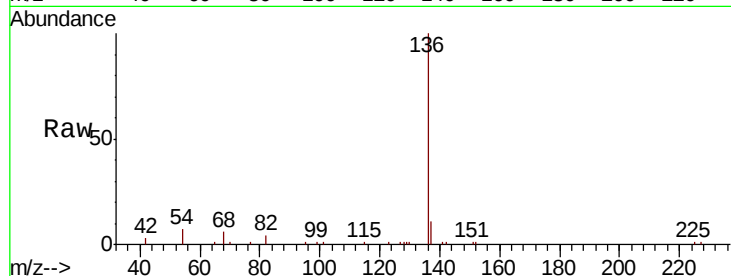
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.0 6.0 9.0

68 6.1 5.0 7.6

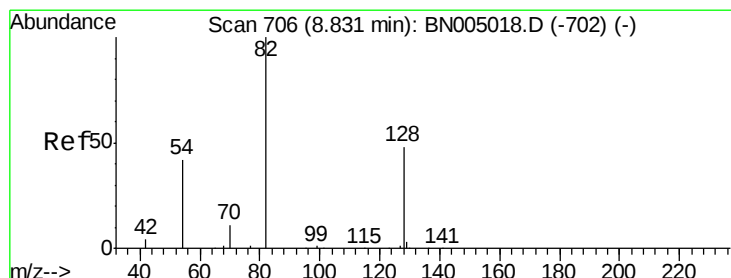
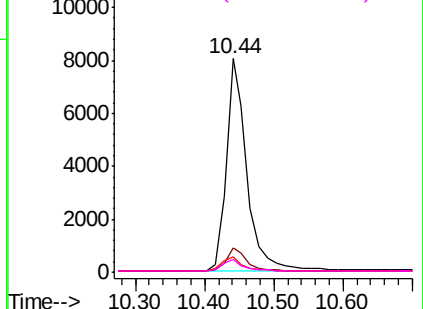
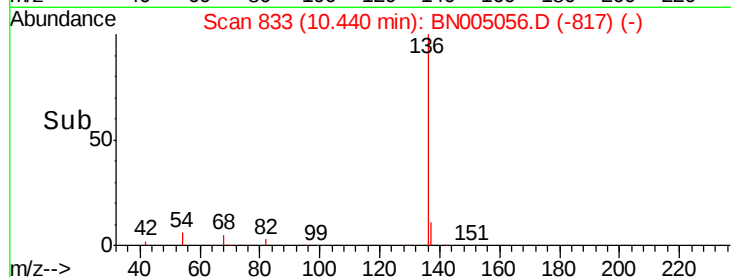


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

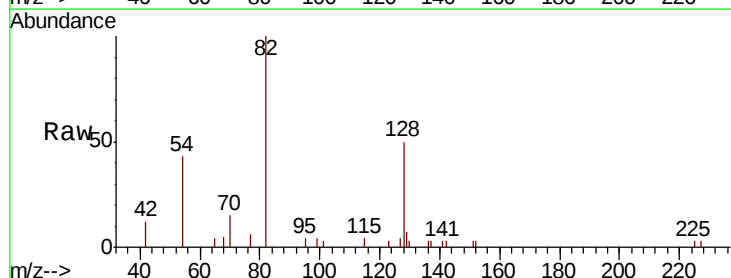
Tgt Ion: 82 Resp: 3947

Ion Ratio Lower Upper

82 100

128 50.3 40.5 60.7

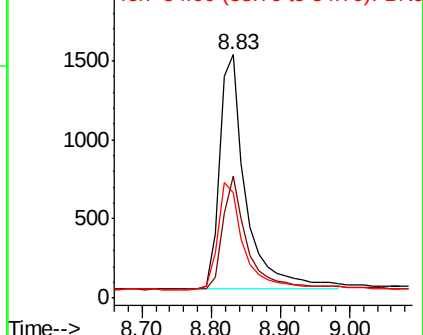
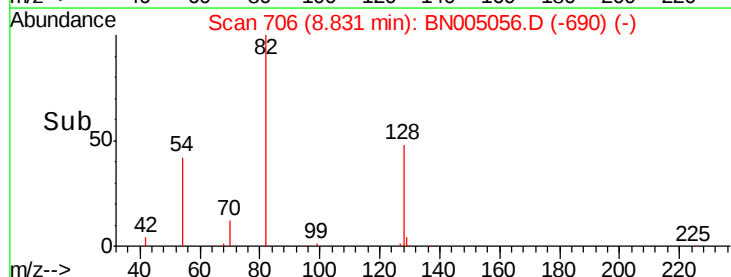
54 43.5 35.7 53.5

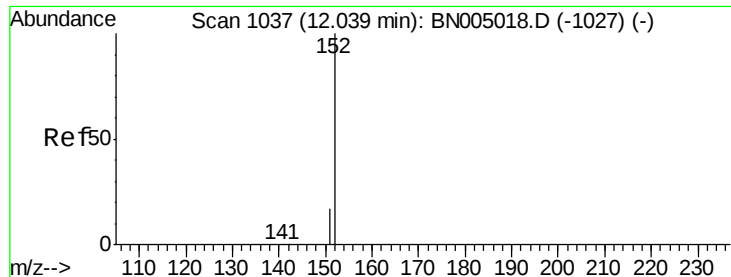


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

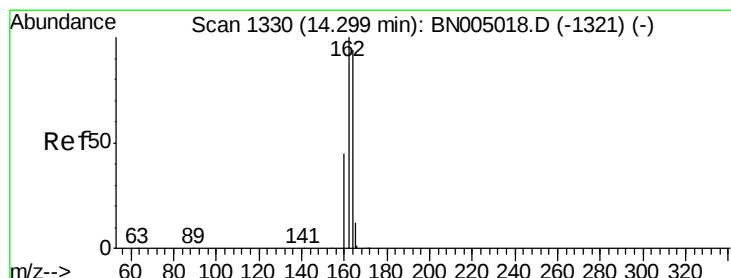
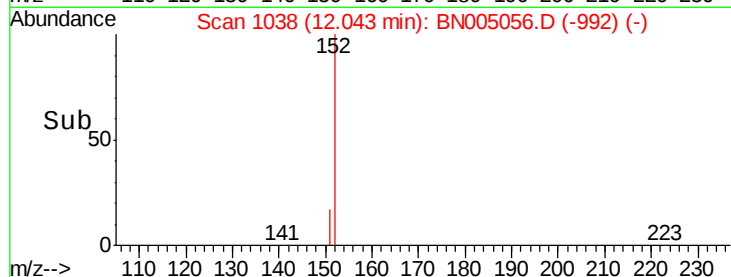
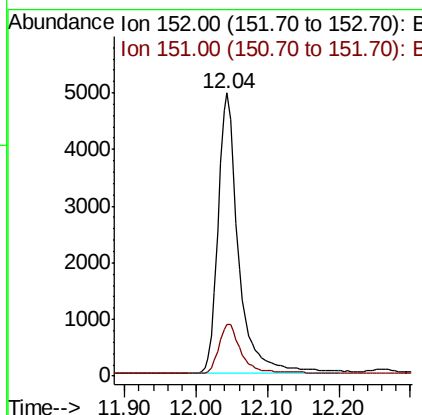
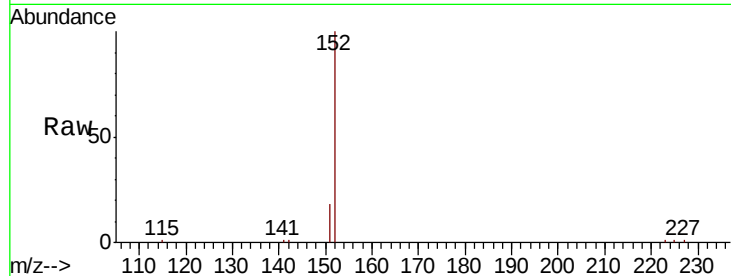




#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.04 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN005056.D
 Acq: 02 Apr 2019 11:38

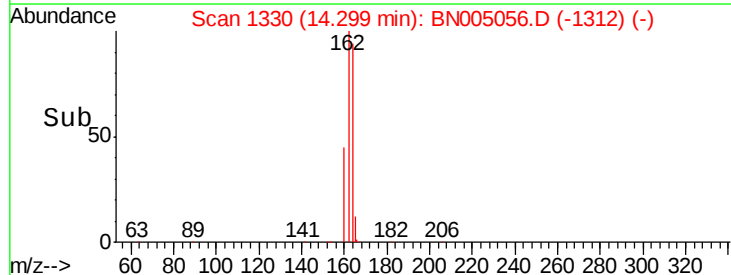
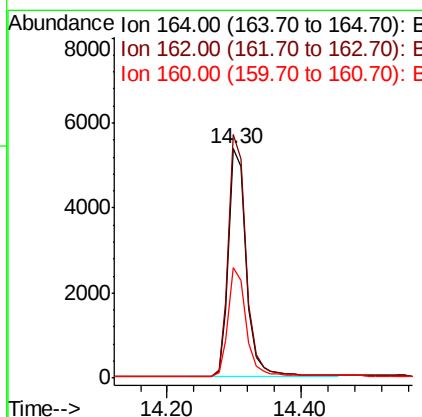
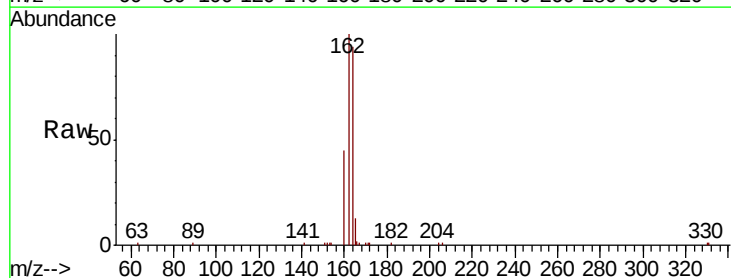
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-190318

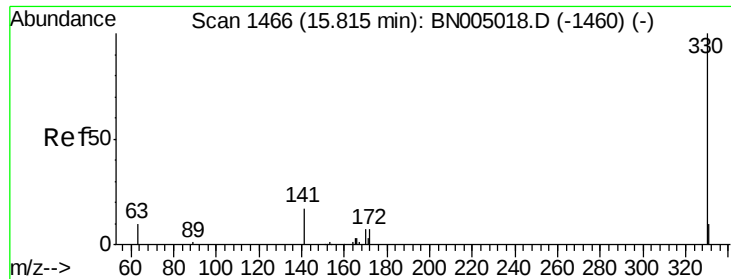
Tgt Ion:152 Resp: 10030
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BN005056.D
 Acq: 02 Apr 2019 11:38

Tgt Ion:164 Resp: 9740
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.3 127.9
 160 48.0 39.2 58.8





#14

2,4,6-Tribromophenol

Concen: 0.381 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

KY038PS036-190318

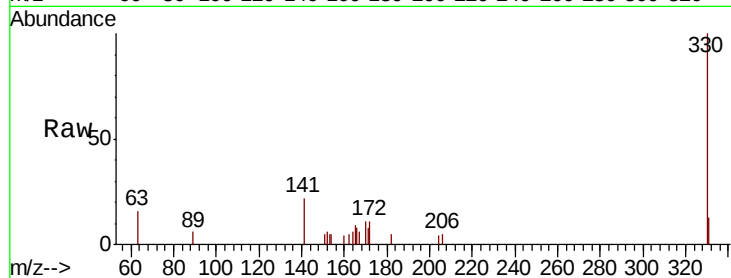
Tgt Ion:330 Resp: 2083

Ion Ratio Lower Upper

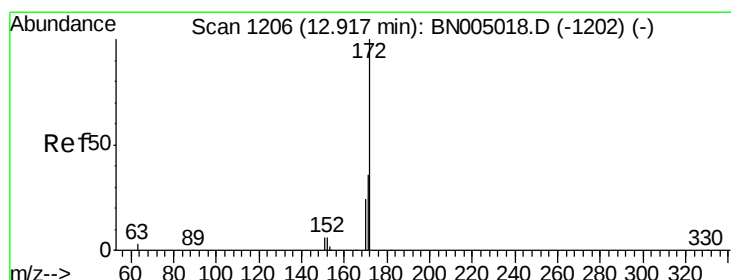
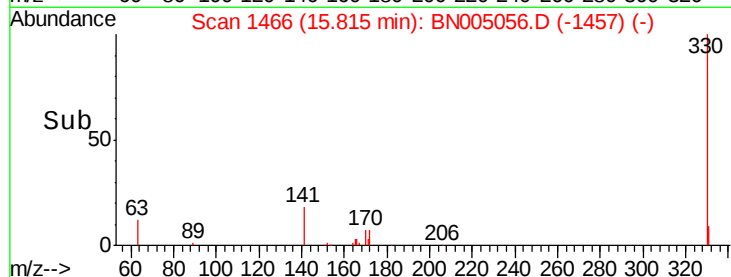
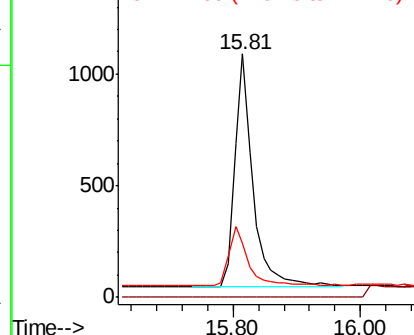
330 100

332 0.0 0.0 0.0

141 27.0 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: 0.426 ng

RT: 12.92 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

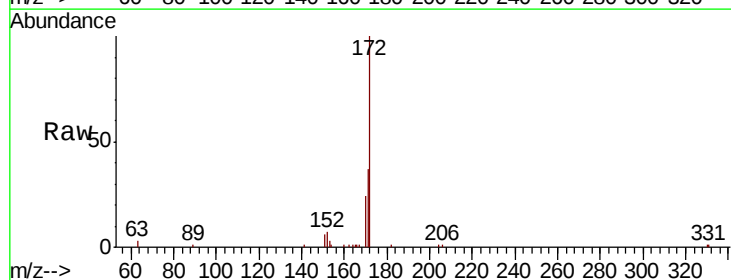
Tgt Ion:172 Resp: 15683

Ion Ratio Lower Upper

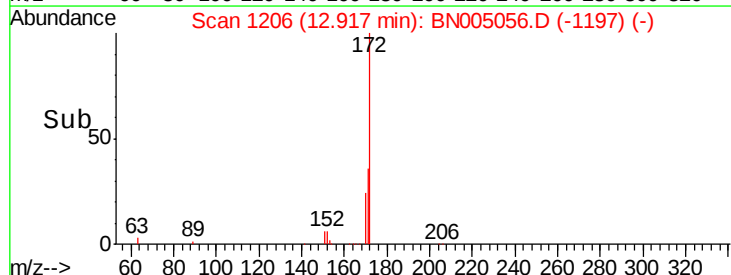
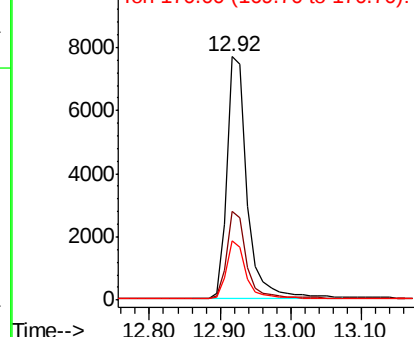
172 100

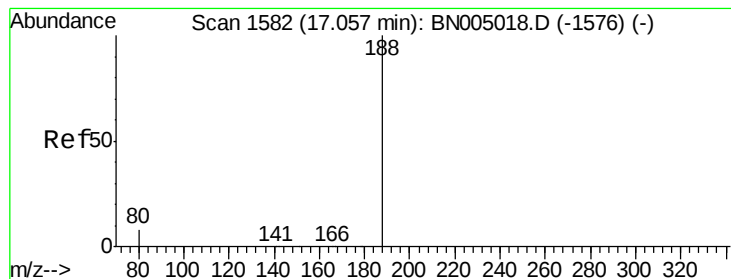
171 36.6 29.4 44.0

170 24.4 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005056.D

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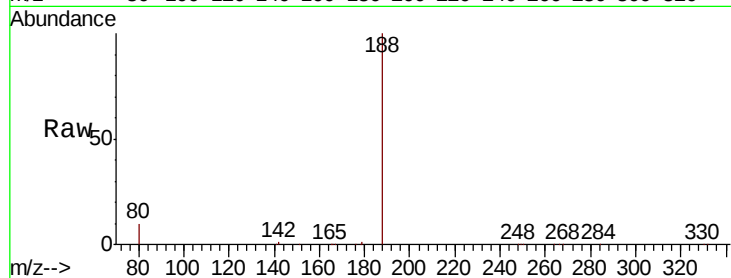
Tgt Ion:188 Resp: 23466

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

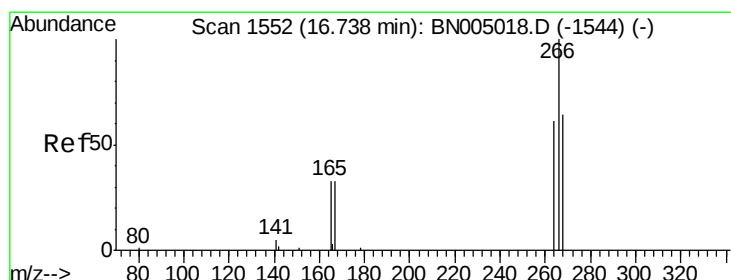
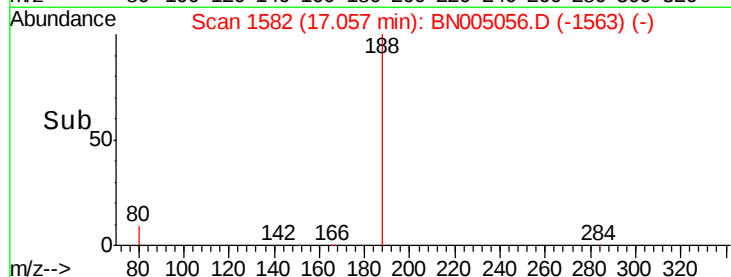
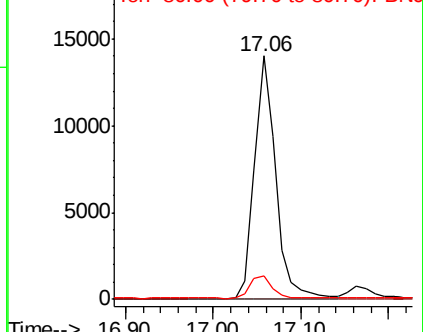
80 9.6 6.9 10.3



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: 0.095 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

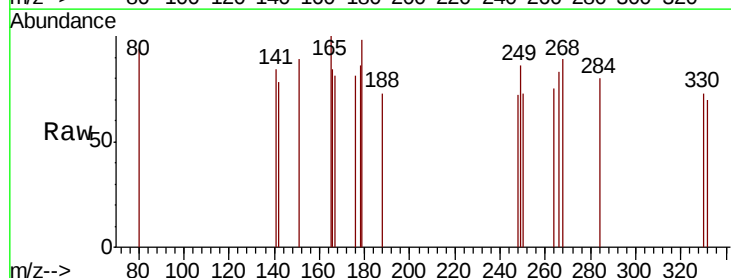
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 90.6 53.4 80.0#

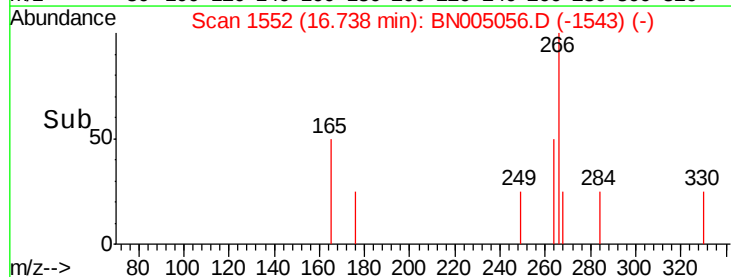
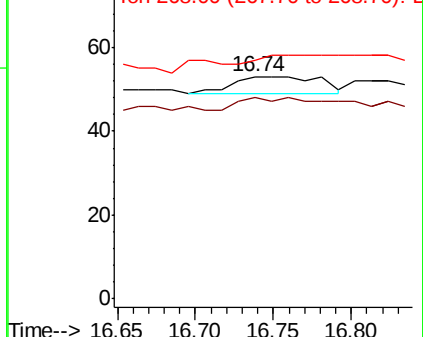
268 107.5 58.9 88.3#

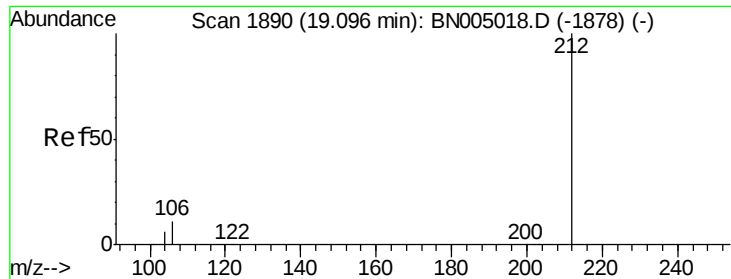


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

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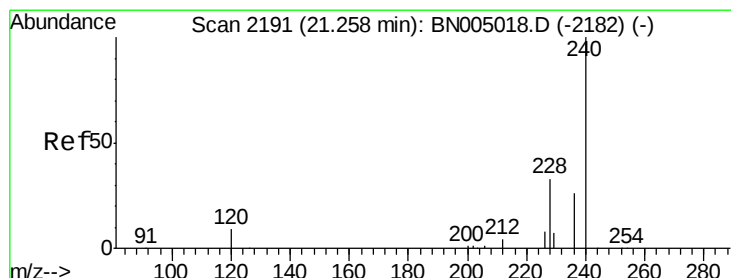
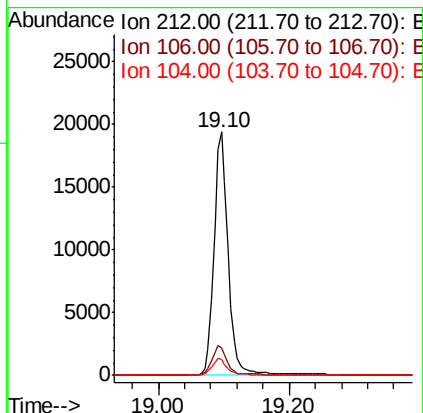
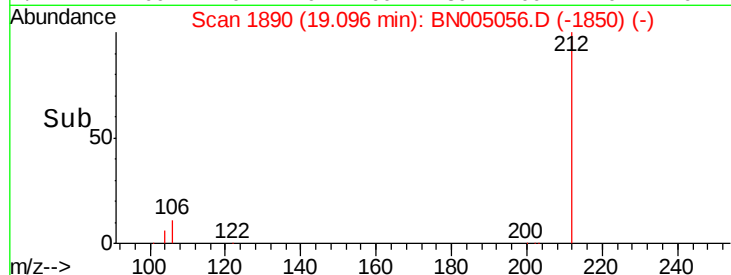
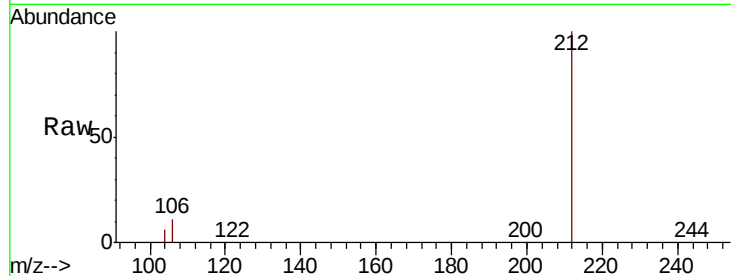
Tgt Ion:212 Resp: 28813

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: BN005056.D

Acq: 02 Apr 2019 11:38

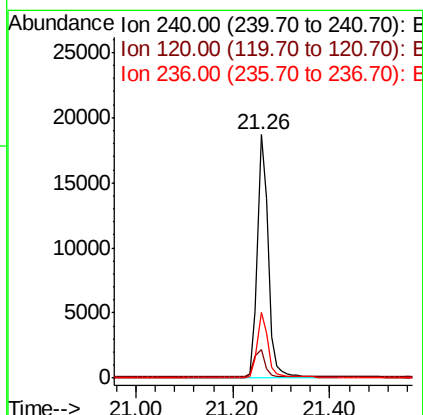
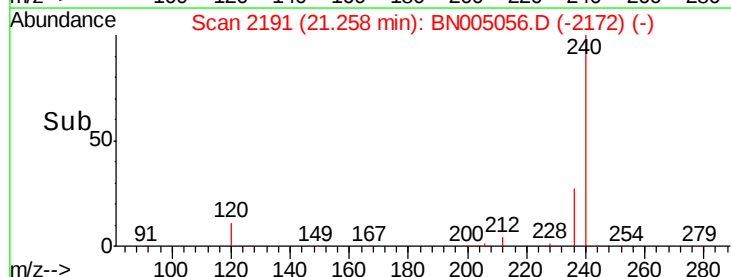
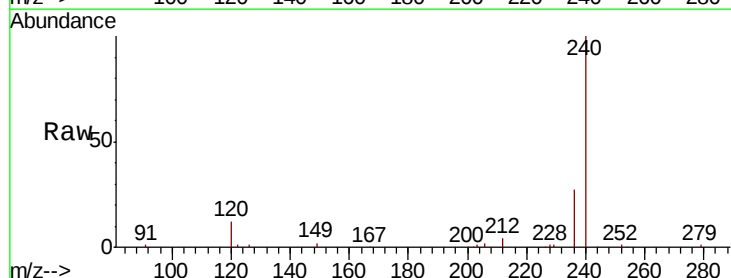
Tgt Ion:240 Resp: 27701

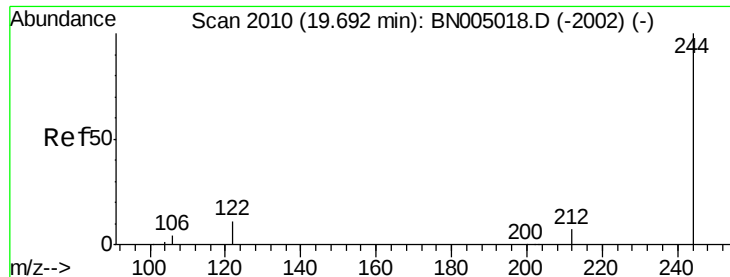
Ion Ratio Lower Upper

240 100

120 11.7 7.4 11.0#

236 26.8 21.0 31.6

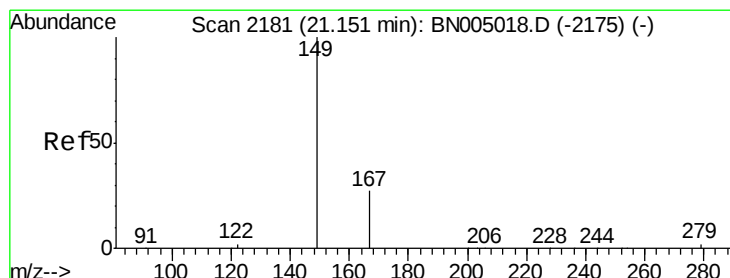
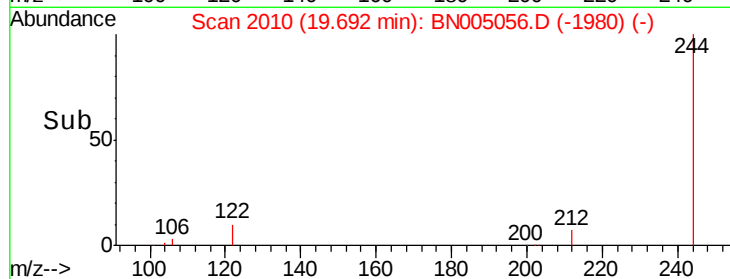
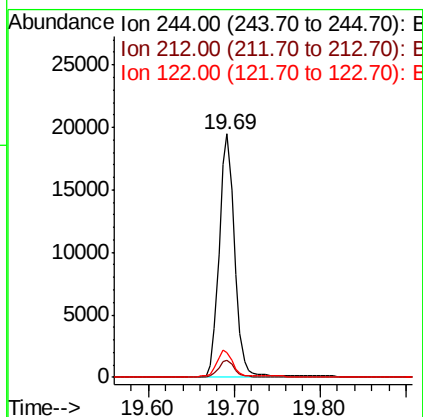
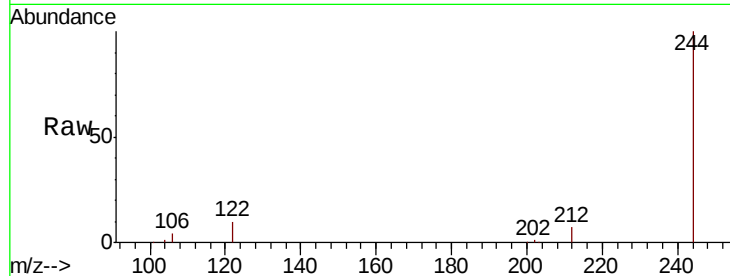




#29
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005056.D
 Acq: 02 Apr 2019 11:38

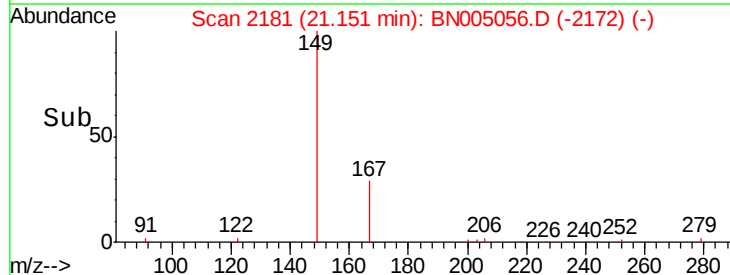
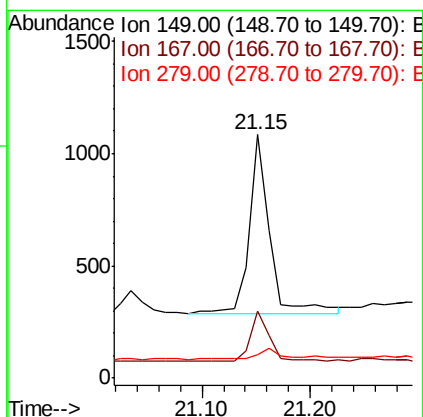
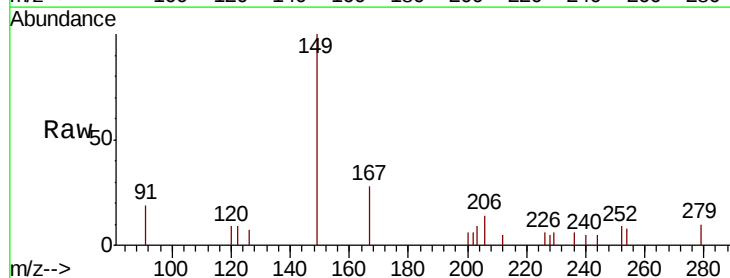
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-190318

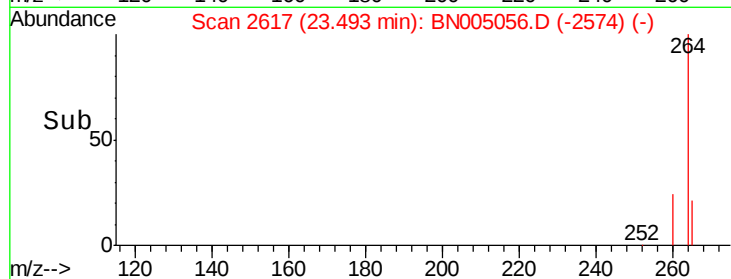
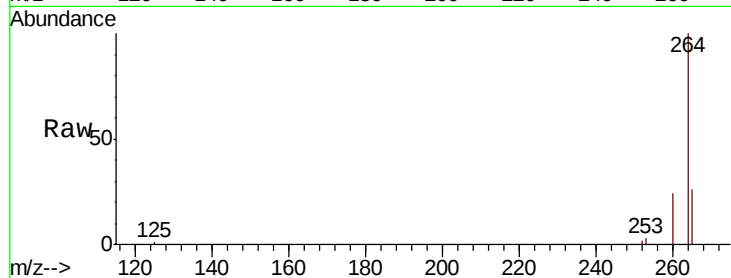
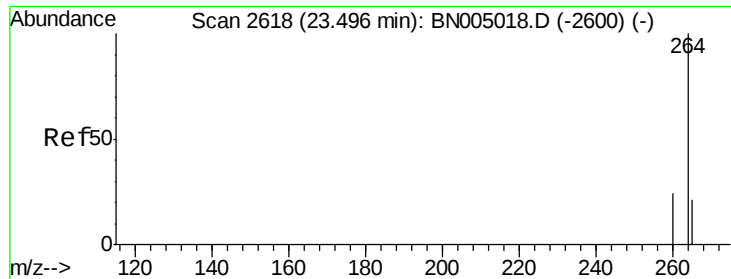
Tgt Ion: 244 Resp: 24261
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 9.0 13.4



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.15 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BN005056.D
 Acq: 02 Apr 2019 11:38

Tgt Ion: 149 Resp: 1036
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.2 33.4
 279 6.9 4.2 6.4#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BN005056.D

Acq: 02 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

KY038PS036-190318

Tgt Ion:264 Resp: 28607

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 25.7 22.5 33.7

