

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005054.D
 Acq On : 02 Apr 2019 10:27
 Operator : JU/SJ
 Sample : K2020-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190318

Quant Time: Apr 03 01:56:26 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	3226	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	13775	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	8313	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	19152	0.40	ng	0.00
27) Chrysene-d12	21.26	240	20761	0.40	ng	0.00
34) Perylene-d12	23.49	264	18913	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	1457	0.18	ng	0.00
5) Phenol-d6	6.84	99	960	0.10	ng	0.00
8) Nitrobenzene-d5	8.83	82	3222	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	8316	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	2002	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	14852	0.47	ng	0.00
25) Fluoranthene-d10	19.10	212	22876	0.42	ng	0.00
29) Terphenyl-d14	19.69	244	18834	0.44	ng	0.00

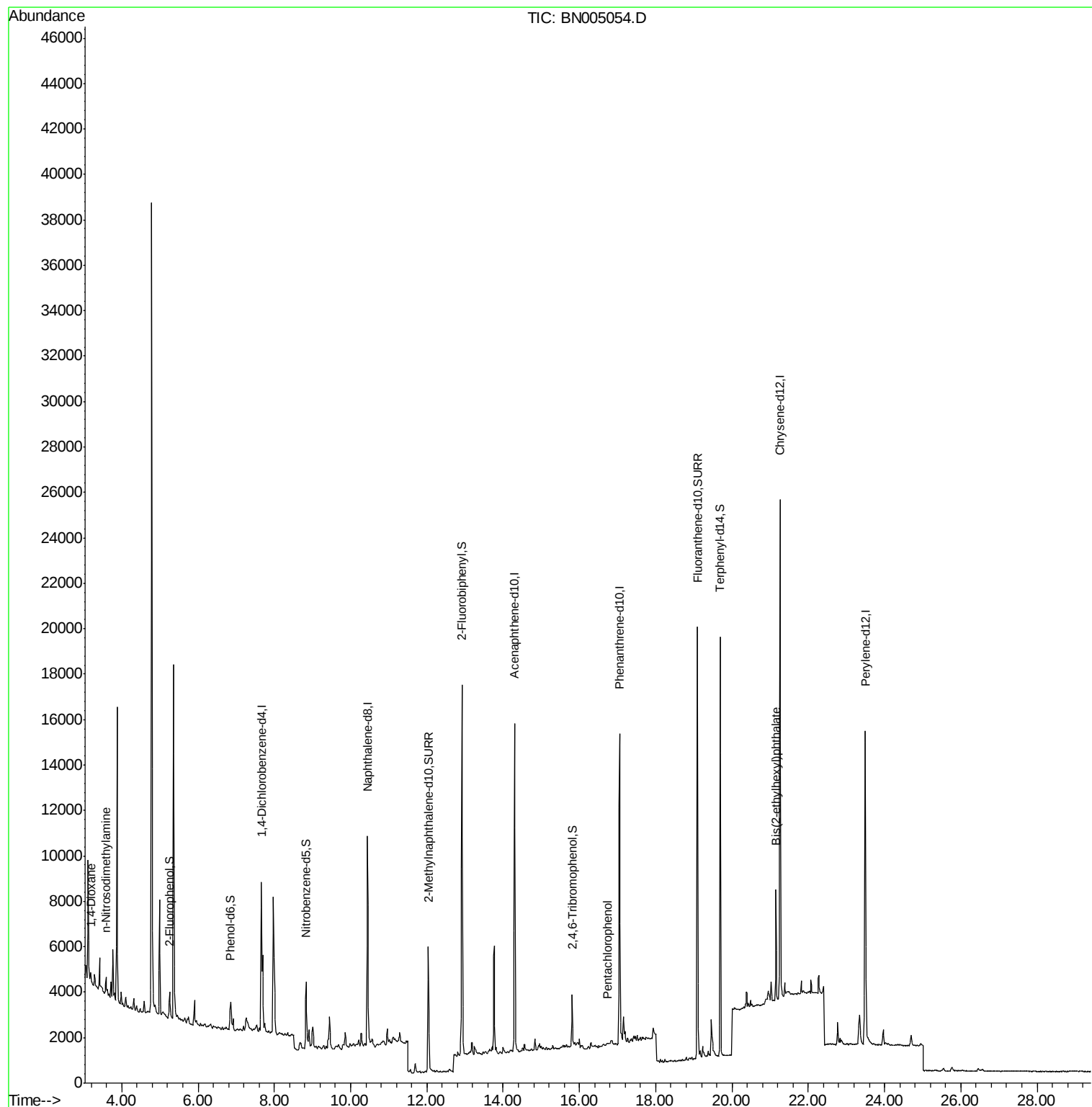
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	347	0.100	ng	# 49
3) n-Nitrosodimethylamine	3.59	42	67	0.032	ng	# 1
22) Pentachlorophenol	16.73	266	292	0.209	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.15	149	3986	0.163	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005054.D
Acq On : 02 Apr 2019 10:27
Operator : JU/SJ
Sample : K2020-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190318

Quant Time: Apr 03 01:56:26 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



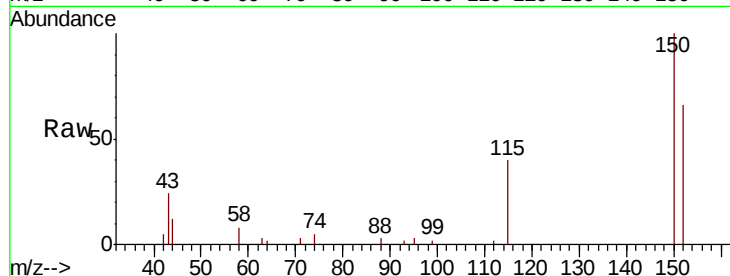


#1

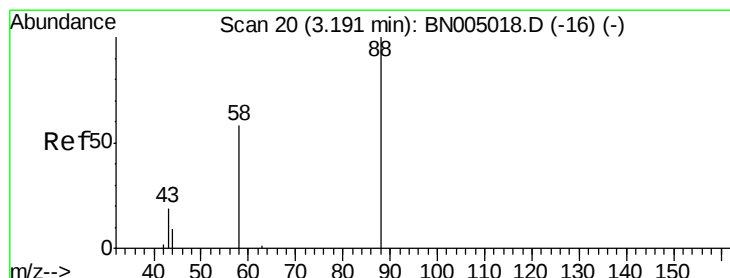
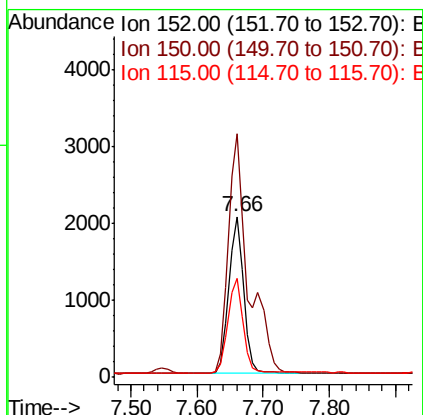
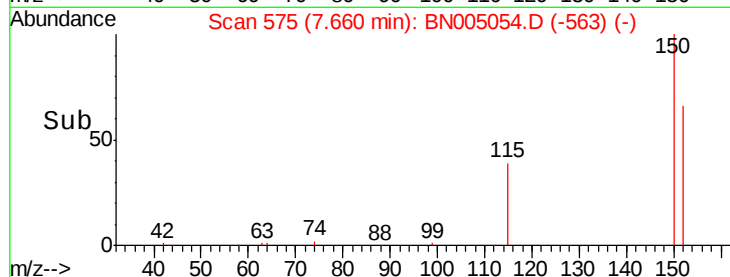
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005054.D
Acq: 02 Apr 2019 10:27

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190318

Tgt Ion: 152 Resp: 3226
Ion Ratio Lower Upper
152 100
150 151.8 123.4 185.2
115 61.3 50.0 75.0



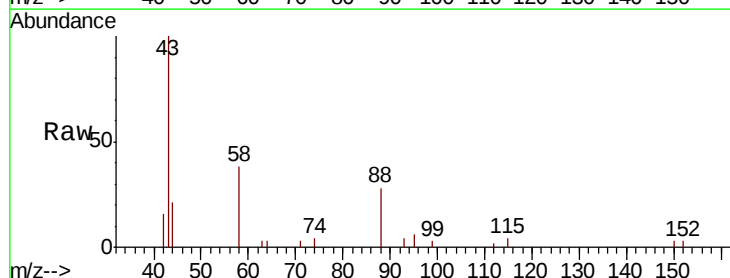
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



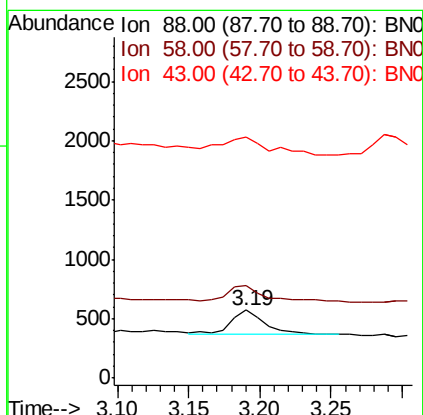
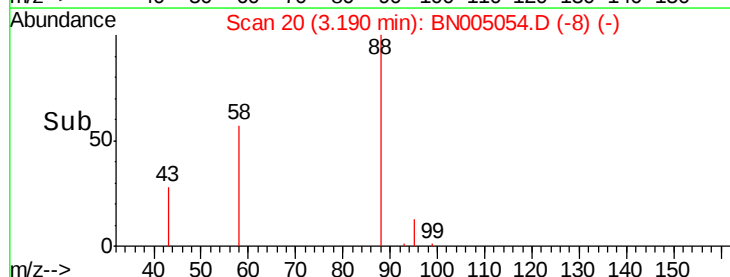
#2

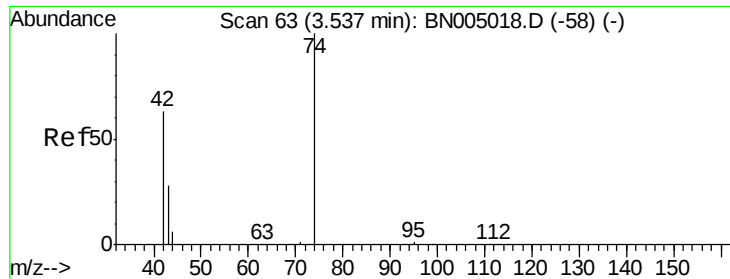
1,4-Dioxane
Concen: 0.100 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005054.D
Acq: 02 Apr 2019 10:27

Tgt Ion: 88 Resp: 347
Ion Ratio Lower Upper
88 100
58 58.8 52.8 79.2
43 106.3 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: 0.032 ng

RT: 3.59 min Scan# 69

Delta R.T. 0.05 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

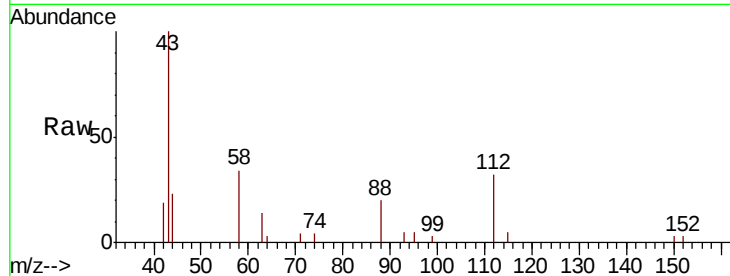
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

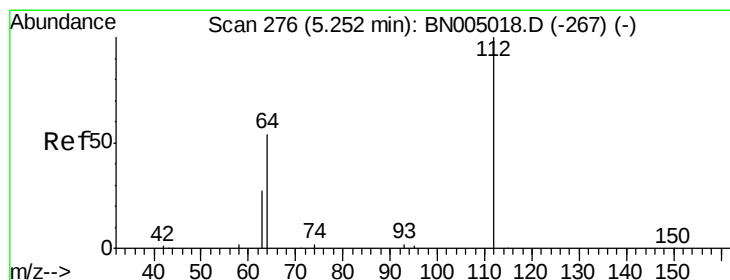
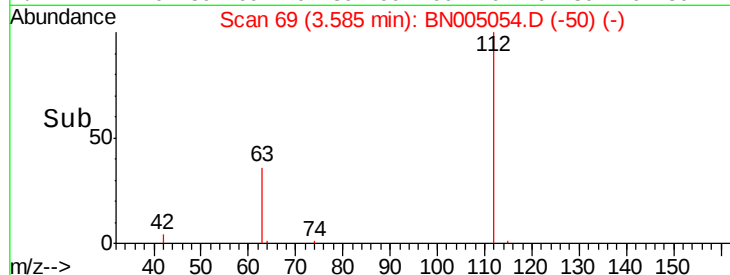
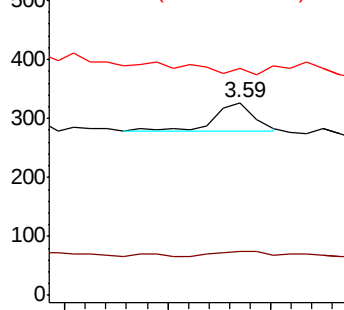
42 100

74 17.9 129.1 193.7#

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: 0.181 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

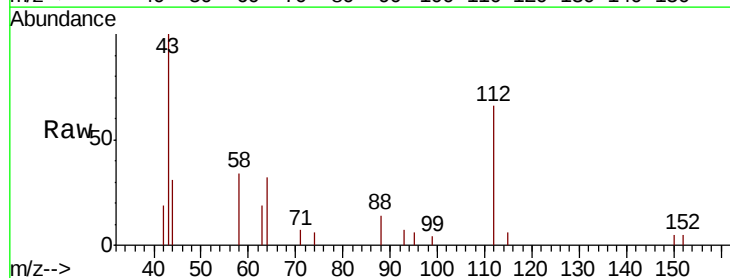
Tgt Ion: 112 Resp: 1457

Ion Ratio Lower Upper

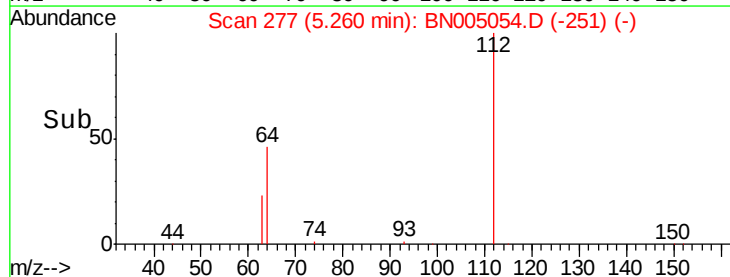
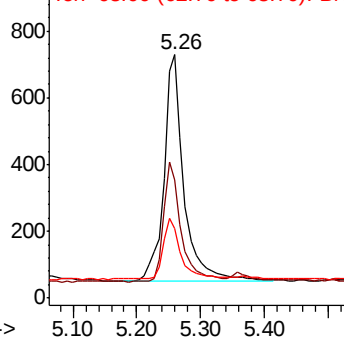
112 100

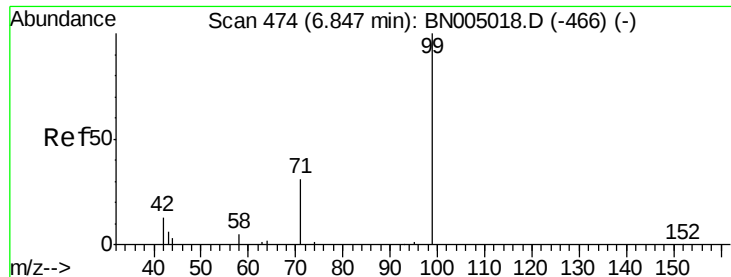
64 46.3 41.9 62.9

63 23.7 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: 0.101 ng

RT: 6.84 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

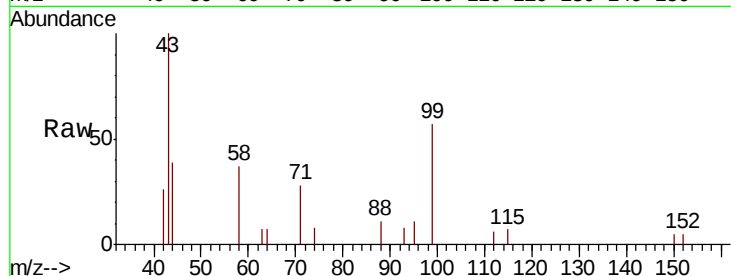
Tgt Ion: 99 Resp: 960

Ion Ratio Lower Upper

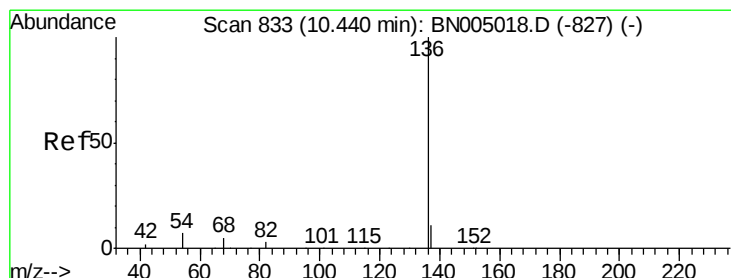
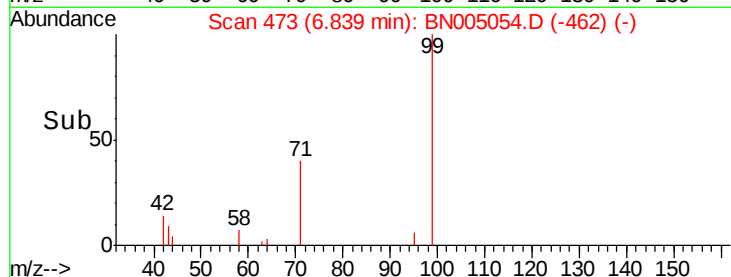
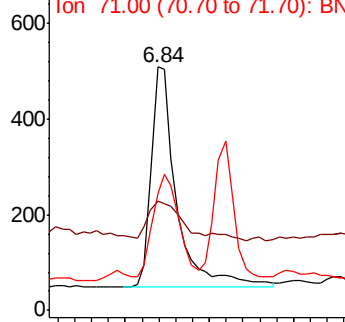
99 100

42 18.4 12.2 18.2#

71 48.0 26.1 39.1#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

Tgt Ion: 136 Resp: 13775

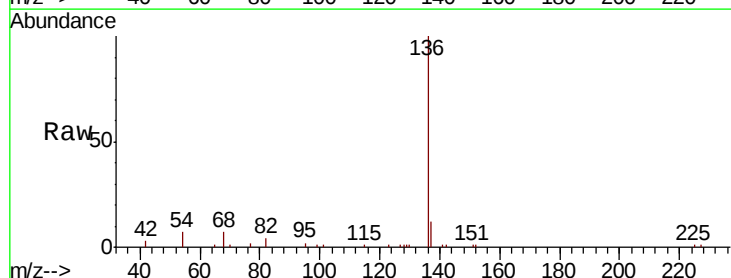
Ion Ratio Lower Upper

136 100

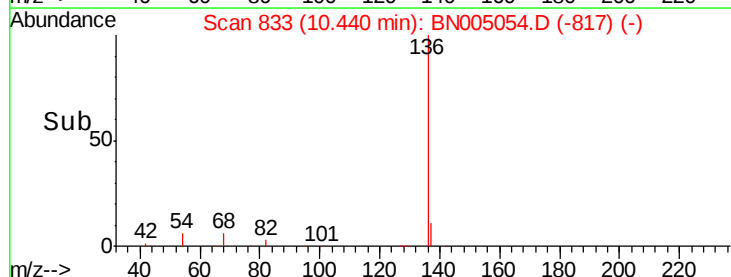
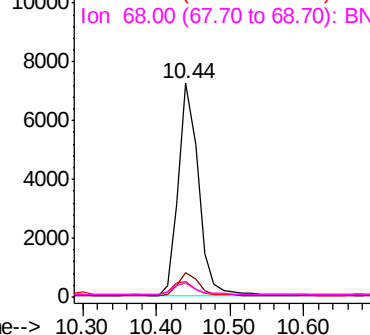
137 11.7 9.2 13.8

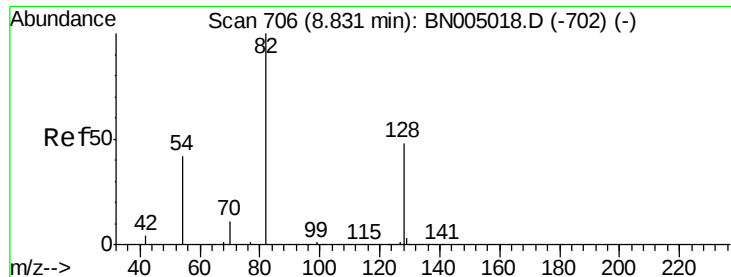
54 7.1 6.0 9.0

68 6.7 5.0 7.6



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





#8

Nitrobenzene-d5

Concen: 0.404 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

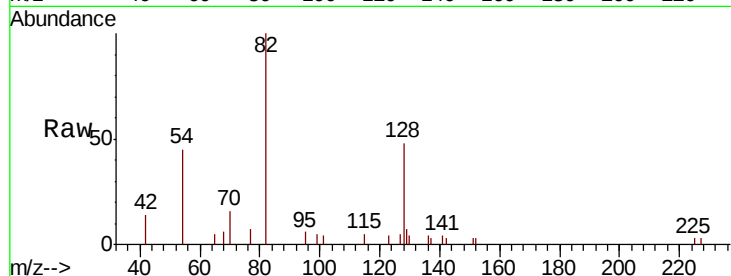
Tgt Ion: 82 Resp: 3222

Ion Ratio Lower Upper

82 100

128 48.3 40.5 60.7

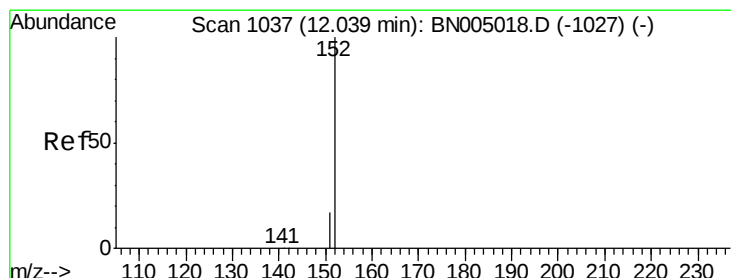
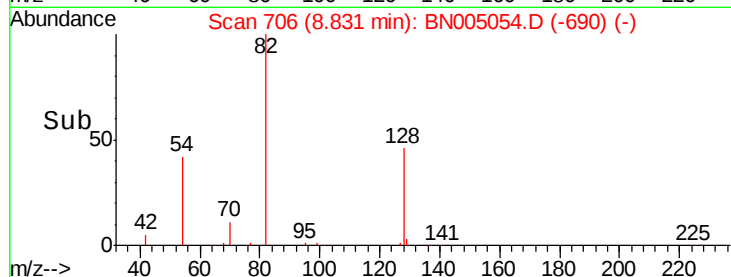
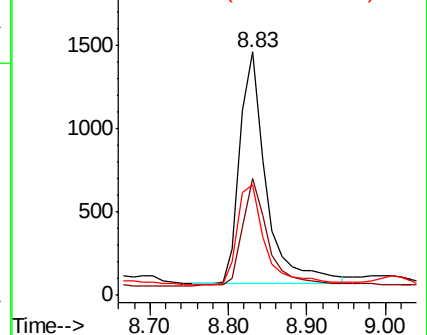
54 45.2 35.7 53.5



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: 0.390 ng

RT: 12.04 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN005054.D

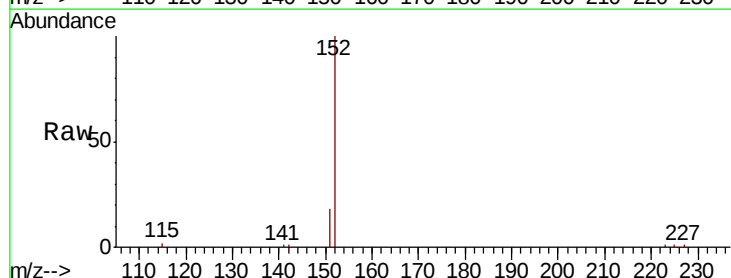
Acq: 02 Apr 2019 10:27

Tgt Ion: 152 Resp: 8316

Ion Ratio Lower Upper

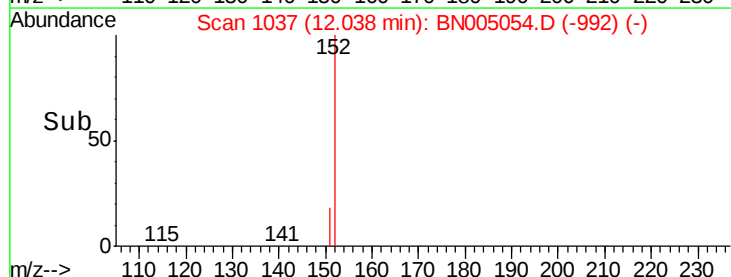
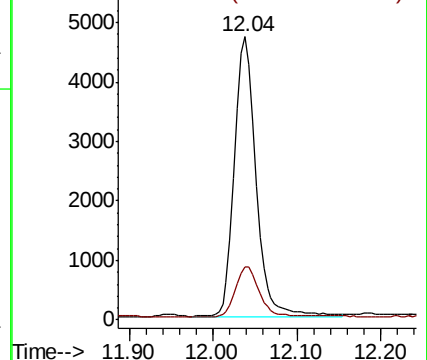
152 100

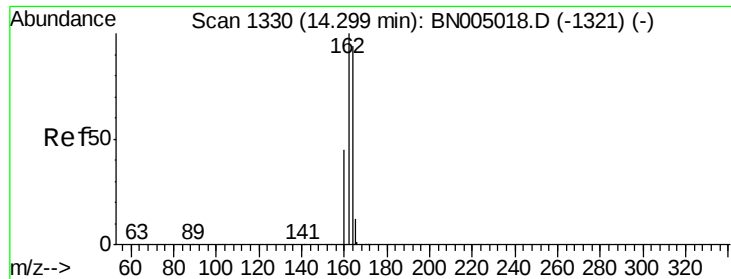
151 19.3 15.3 22.9



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: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

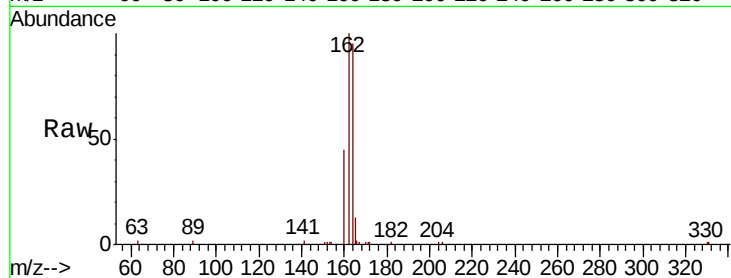
Tgt Ion:164 Resp: 8313

Ion Ratio Lower Upper

164 100

162 104.8 85.3 127.9

160 47.4 39.2 58.8

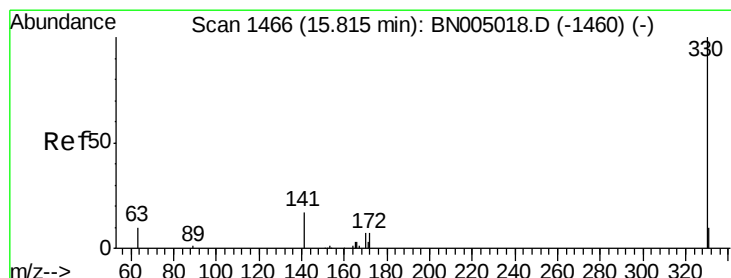
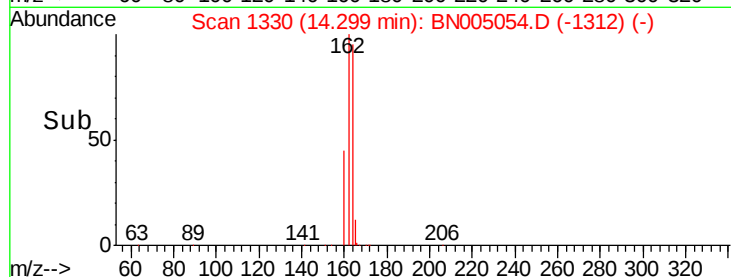
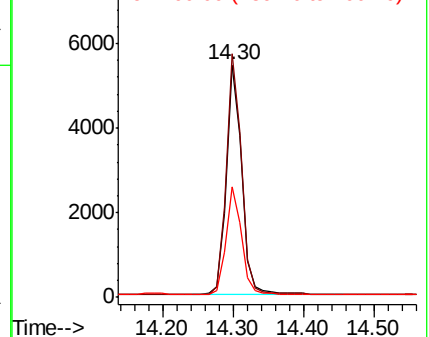


Abundance

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: 0.429 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

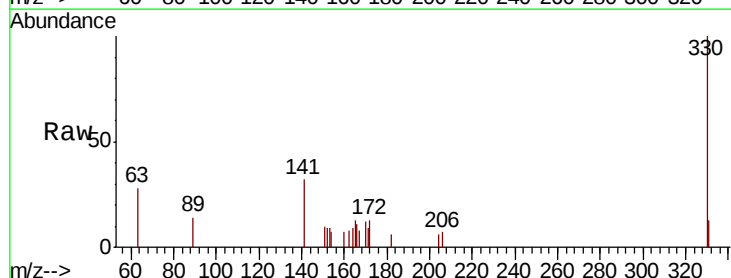
Tgt Ion:330 Resp: 2002

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 28.3 21.3 31.9

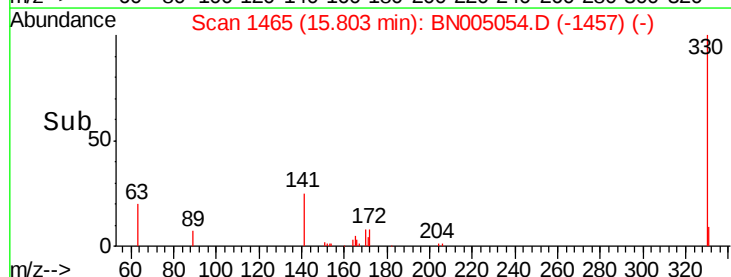
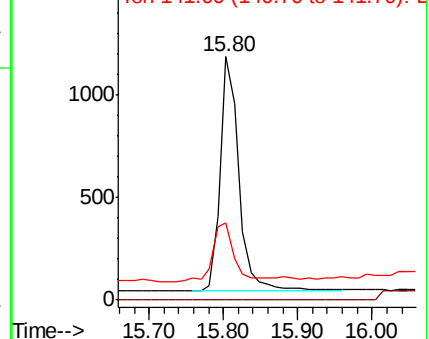


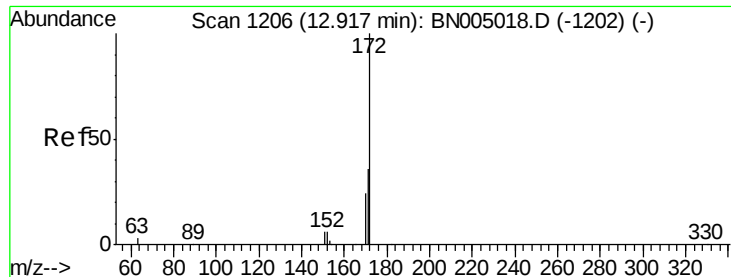
Abundance

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

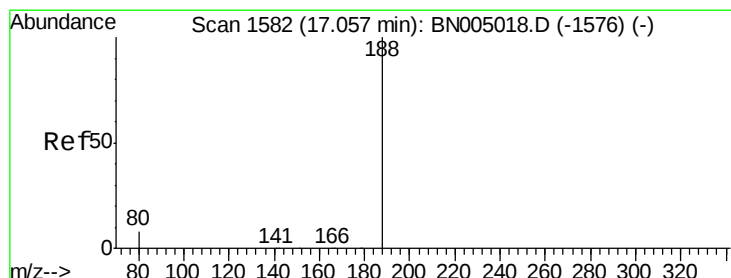
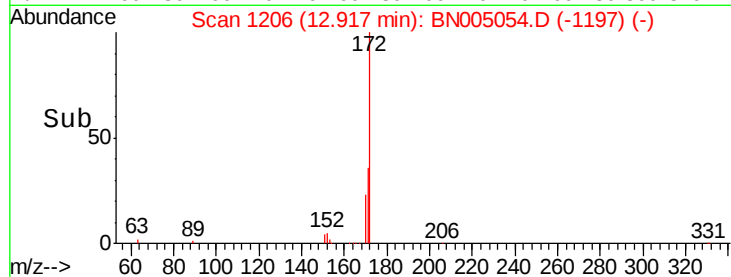
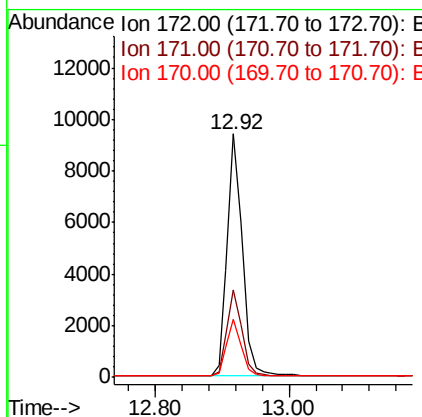
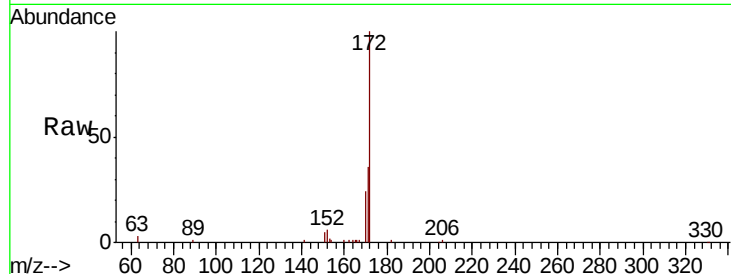




#15
 2-Fluorobiphenyl
 Concen: 0.473 ng
 RT: 12.92 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BN005054.D
 Acq: 02 Apr 2019 10:27

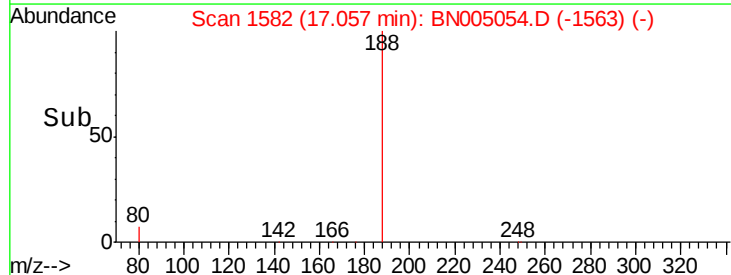
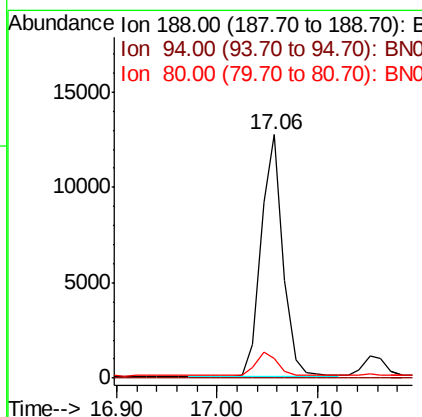
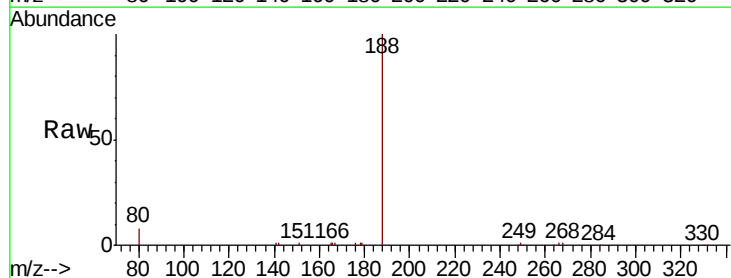
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190318

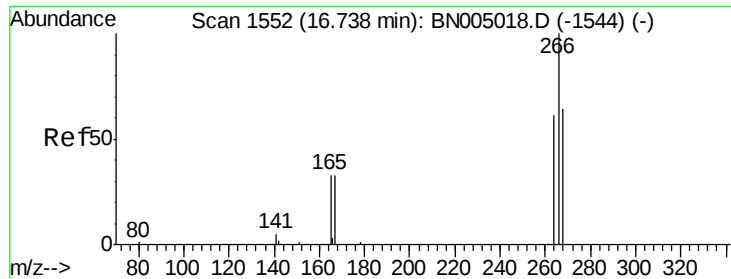
Tgt Ion:172 Resp: 14852
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.6 20.0 30.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.06 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BN005054.D
 Acq: 02 Apr 2019 10:27

Tgt Ion:188 Resp: 19152
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.1 6.9 10.3

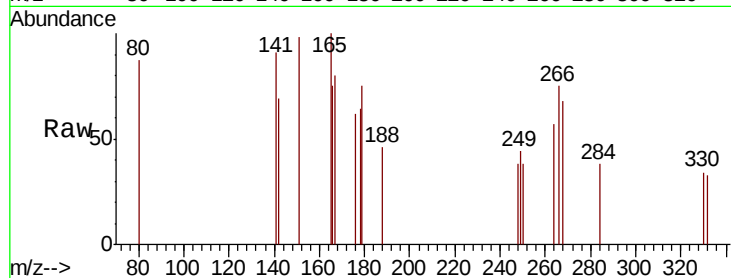




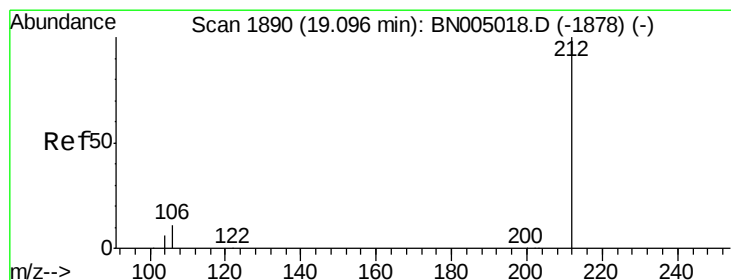
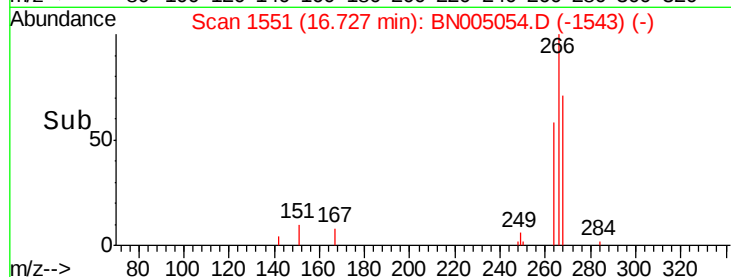
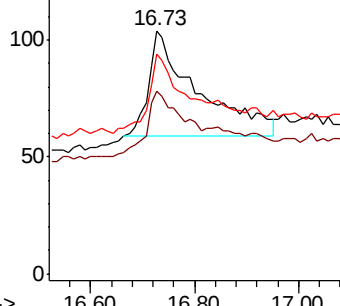
#22
 Pentachlorophenol
 Concen: 0.209 ng
 RT: 16.73 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BN005054.D
 Acq: 02 Apr 2019 10:27

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190318

Tgt Ion: 266 Resp: 292
 Ion Ratio Lower Upper
 266 100
 264 75.0 53.4 80.0
 268 90.4 58.9 88.3#

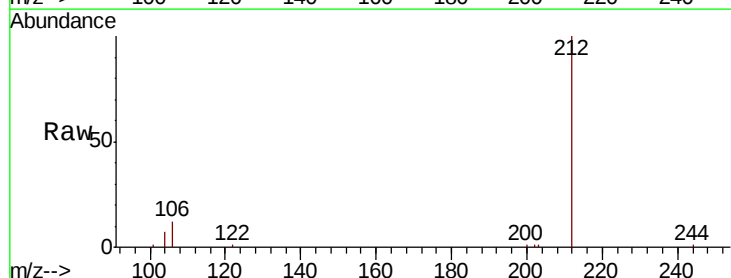


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

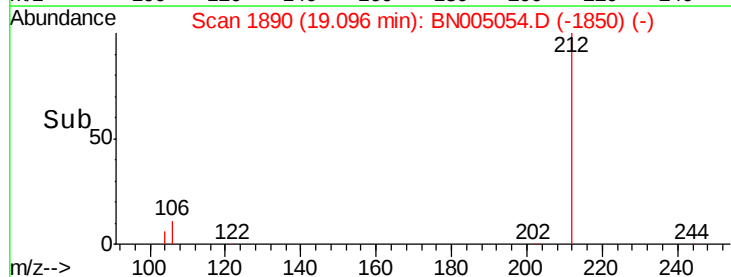
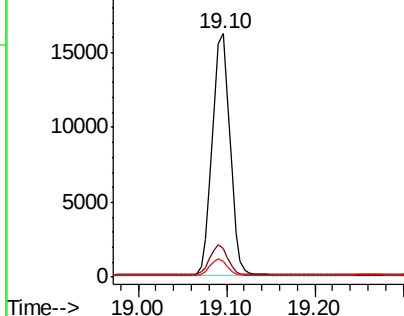


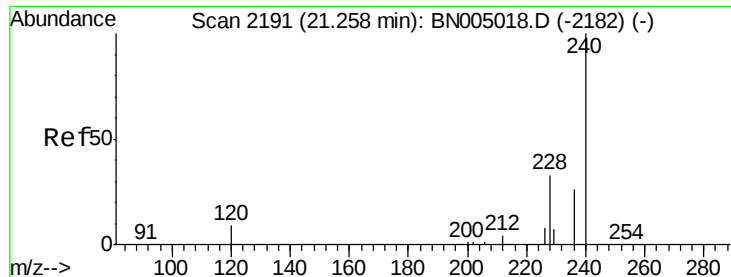
#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BN005054.D
 Acq: 02 Apr 2019 10:27

Tgt Ion: 212 Resp: 22876
 Ion Ratio Lower Upper
 212 100
 106 12.0 9.4 14.2
 104 6.8 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: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

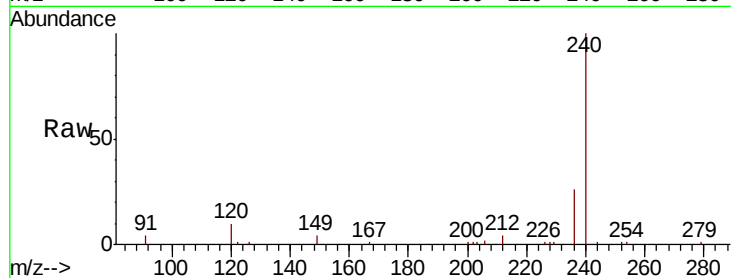
Tgt Ion:240 Resp: 20761

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

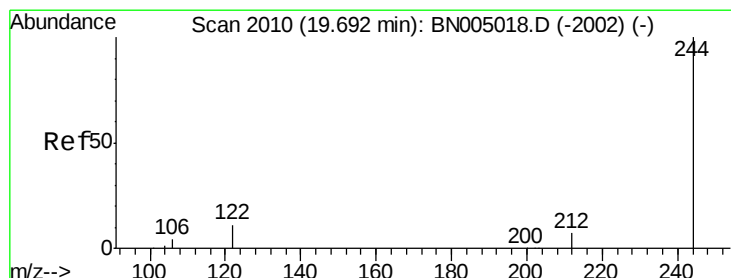
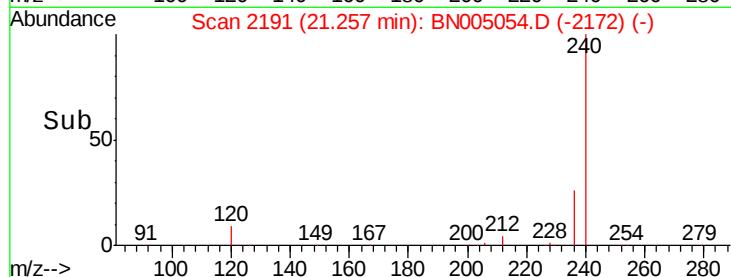
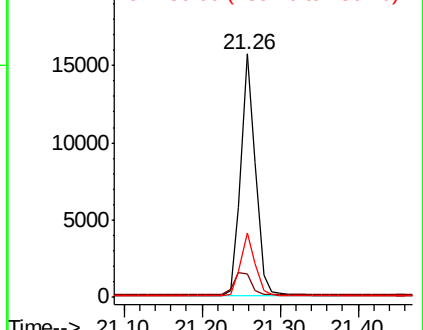
236 26.3 21.0 31.6



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: 0.441 ng

RT: 19.69 min Scan# 210

Delta R.T. -0.00 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

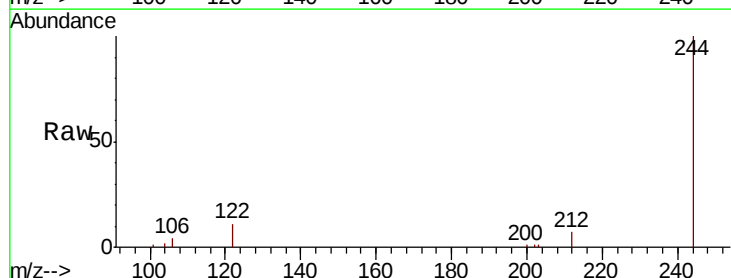
Tgt Ion:244 Resp: 18834

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

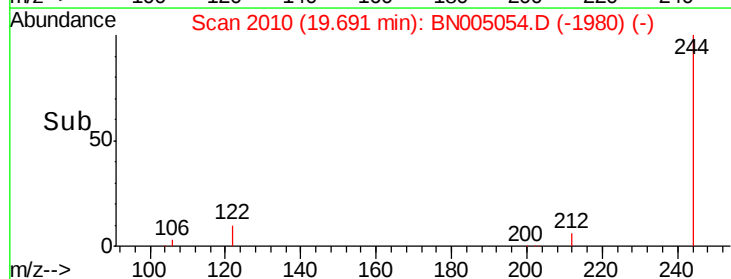
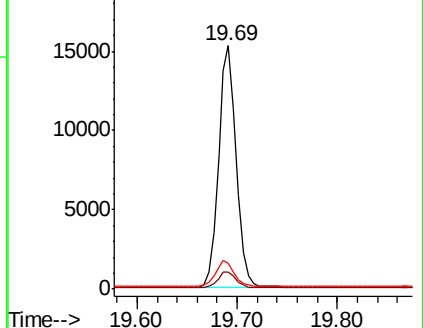
122 10.9 9.0 13.4

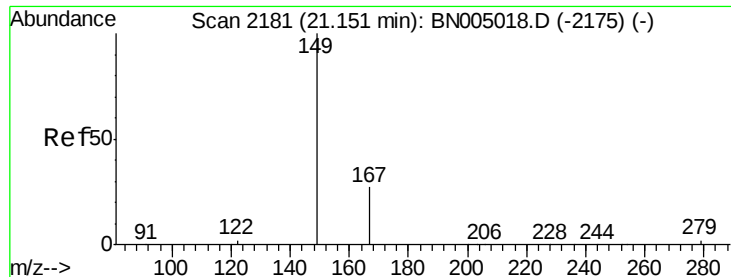


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190318

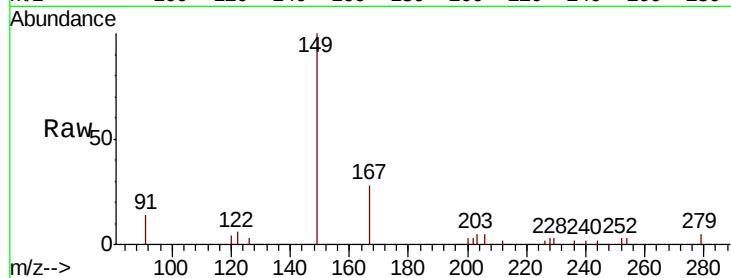
Tgt Ion:149 Resp: 3986

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

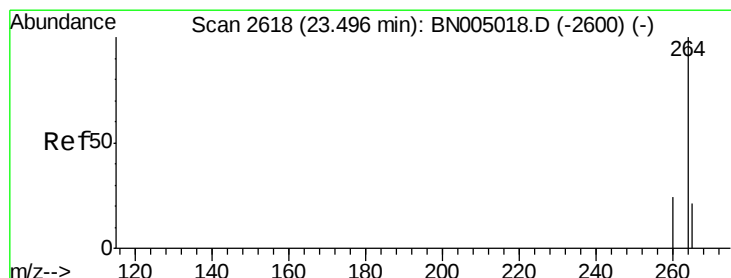
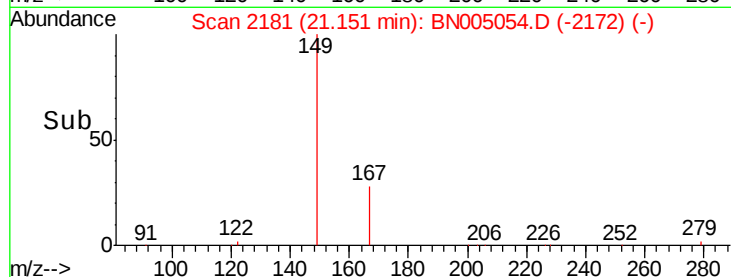
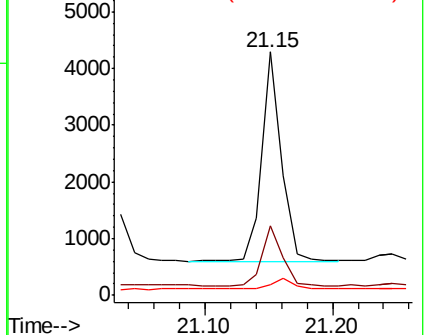
279 6.0 4.2 6.4



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: 23.49 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BN005054.D

Acq: 02 Apr 2019 10:27

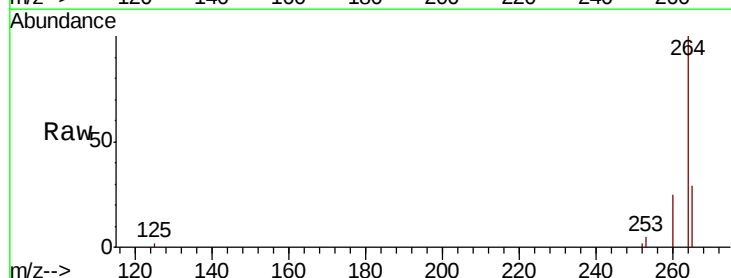
Tgt Ion:264 Resp: 18913

Ion Ratio Lower Upper

264 100

260 24.6 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

