

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\NOT REVIEWED DATA\
 Data File : BN005030.D
 Acq On : 29 Mar 2019 12:54
 Operator : JU/SJ
 Sample : PB118091BL
 Misc : 8270D extract
 ALS Vial : 8 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BL

Quant Time: Apr 03 08:58:55 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

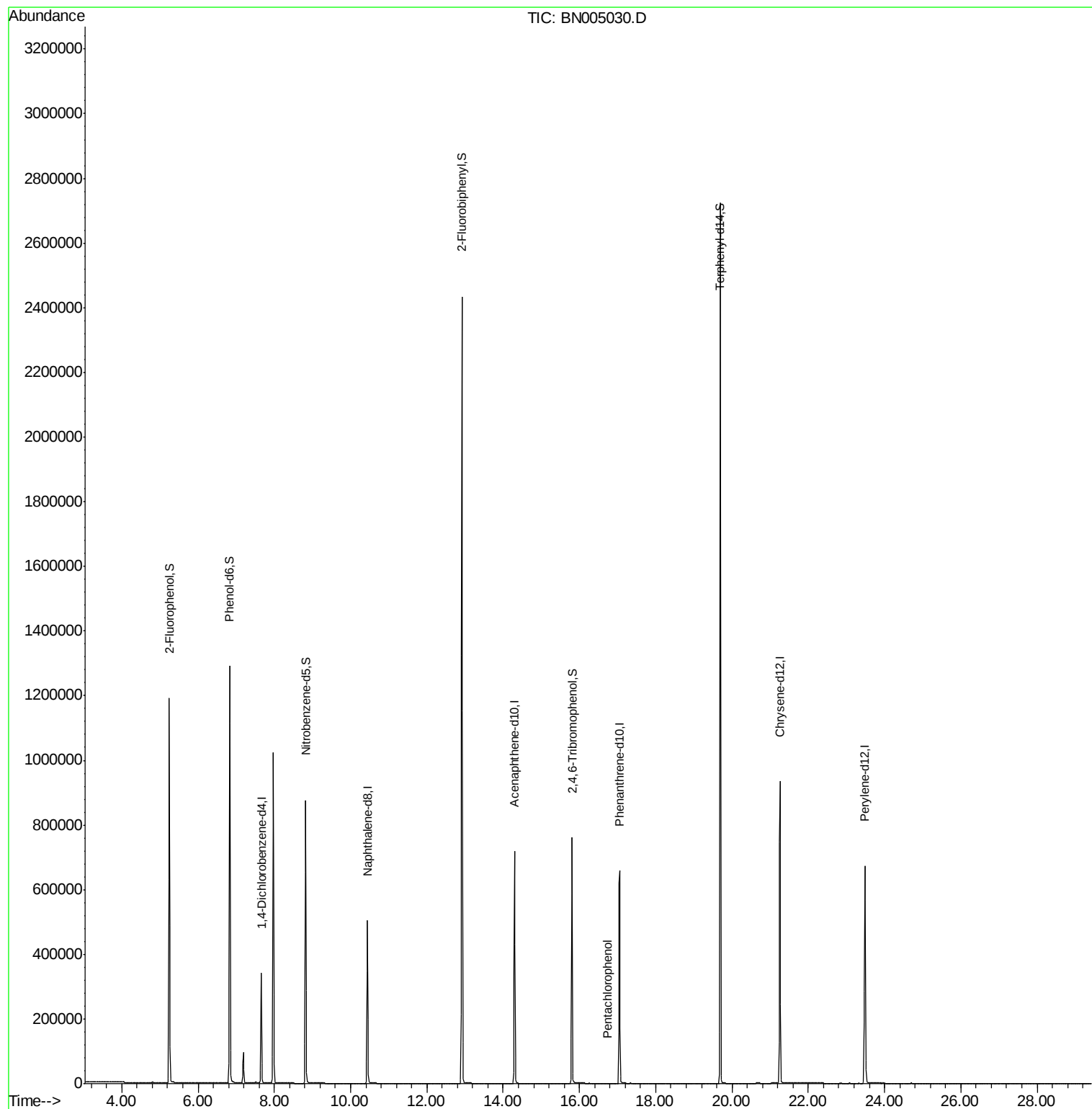
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	166425	20.00	ng	0.00
7) Naphthalene-d8	10.44	136	688010	20.00	ng	0.00
13) Acenaphthene-d10	14.30	164	404098	20.00	ng	0.00
19) Phenanthrene-d10	17.06	188	957863	20.00	ng	0.00
27) Chrysene-d12	21.26	240	944619	20.00	ng	0.00
34) Perylene-d12	23.49	264	893186	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	977980	117.69	ng	0.00
5) Phenol-d6	6.83	99	1244551	126.47	ng	-0.02
8) Nitrobenzene-d5	8.82	82	693934	87.01	ng	-0.01
11) 2-Methylnaphthalene-d10	12.06	152	68	0.00	ng	0.02
14) 2,4,6-Tribromophenol	15.80	330	664773	146.65	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	2033098	66.63	ng	0.00
25) Fluoranthene-d10	19.11	212	10	0.00	ng	0.01
29) Terphenyl-d14	19.69	244	2762021	71.14	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.19	93	1470	0.158	ng	# 1
22) Pentachlorophenol	16.74	266	166	4.541	ng	# 45
30) Benzo(a)anthracene	21.26	228	3909	0.073	ng	# 70
31) Chrysene	21.26	228	3599	0.063	ng	# 68

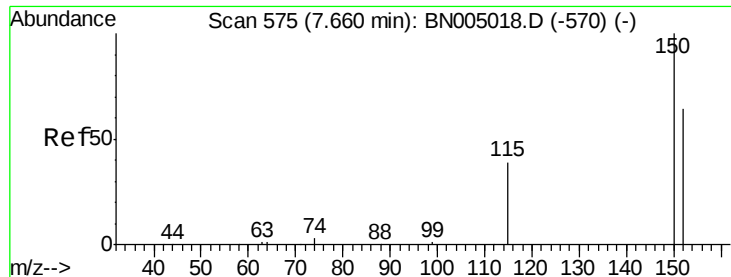
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\NOT REVIEWED DATA\
Data File : BN005030.D
Acq On : 29 Mar 2019 12:54
Operator : JU/SJ
Sample : PB118091BL
Misc : 8270D extract
ALS Vial : 8 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Quant Time: Apr 03 08:58:55 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



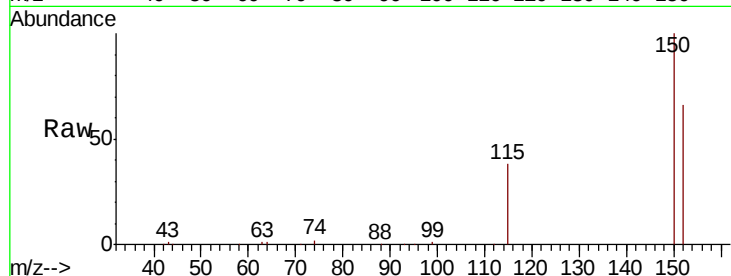


#1

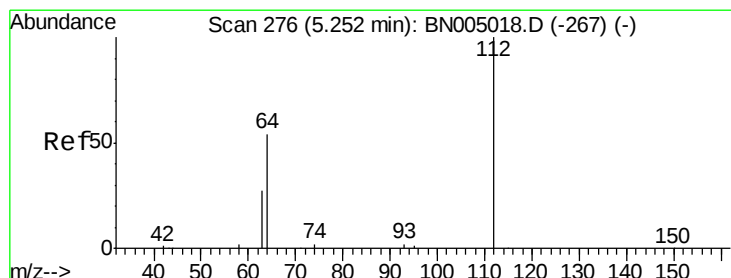
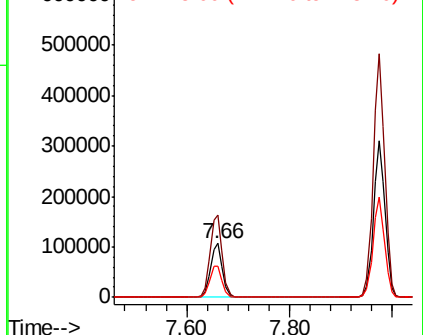
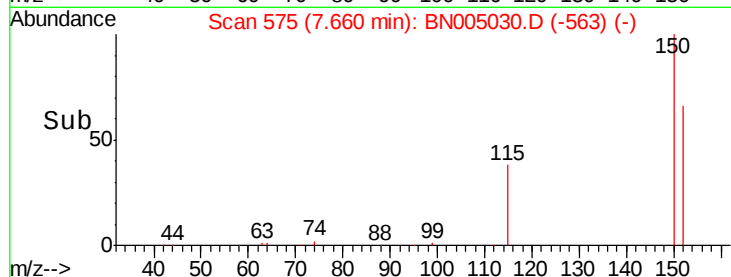
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:152 Resp: 166425
Ion Ratio Lower Upper
152 100
150 152.5 123.4 185.2
115 58.1 50.0 75.0



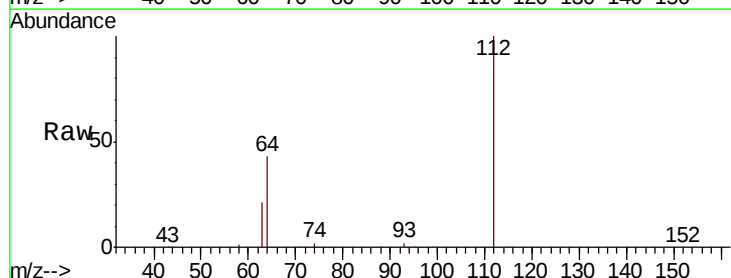
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



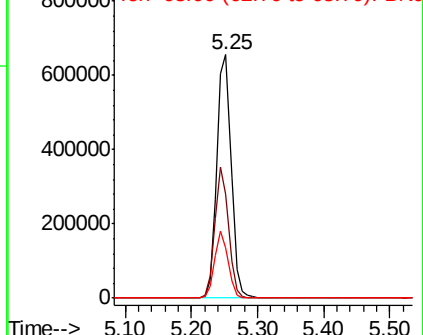
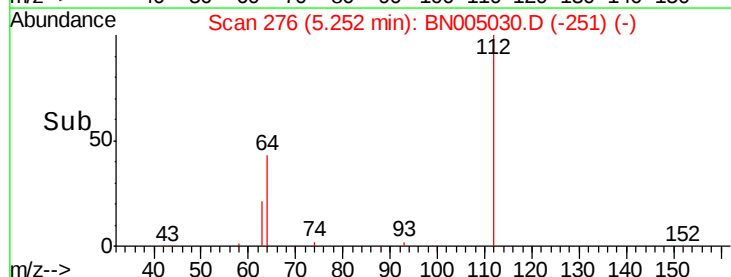
#4

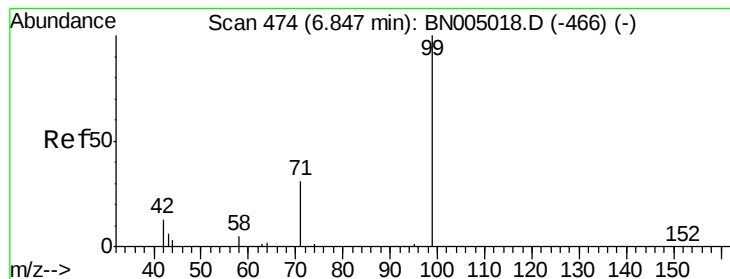
2-Fluorophenol
Concen: 117.692 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:112 Resp: 977980
Ion Ratio Lower Upper
112 100
64 52.0 41.9 62.9
63 26.1 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: 126.468 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

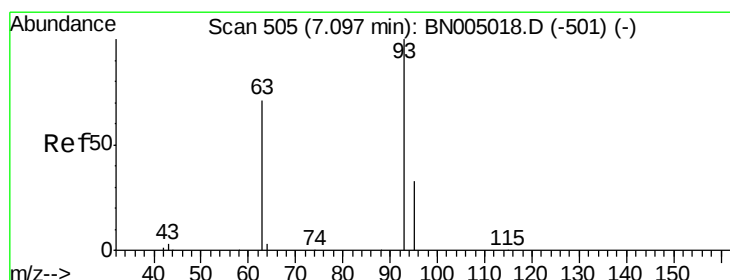
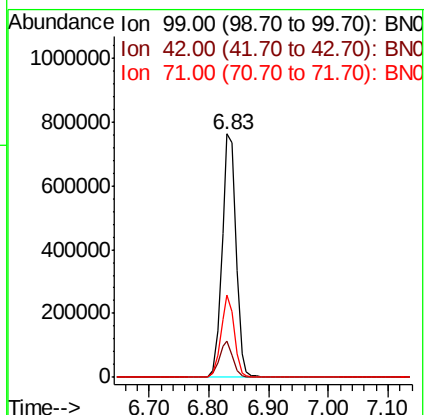
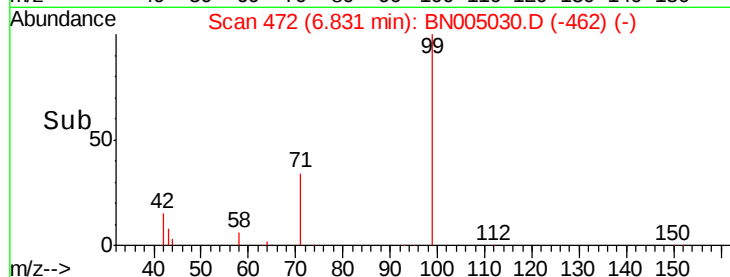
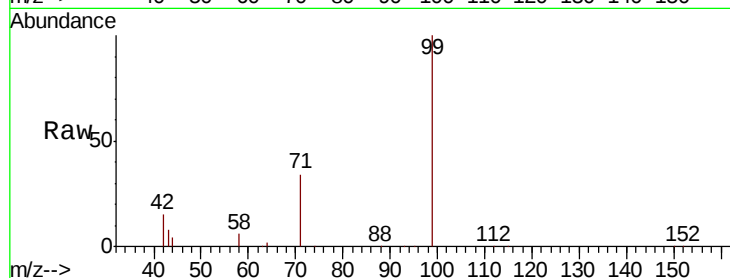
Tgt Ion: 99 Resp: 1244551

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

71 32.2 26.1 39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.158 ng

RT: 7.19 min Scan# 517

Delta R.T. 0.10 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

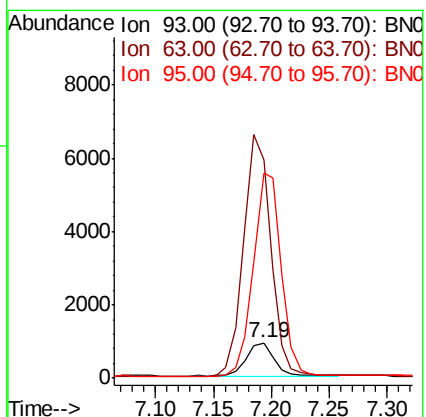
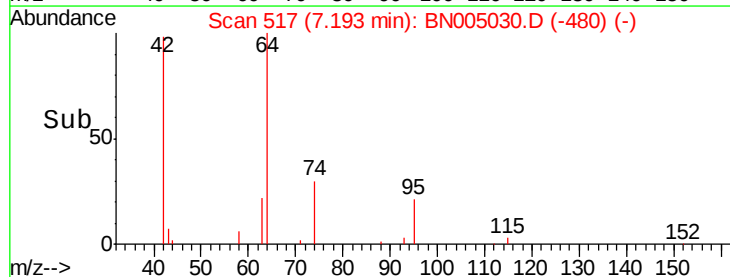
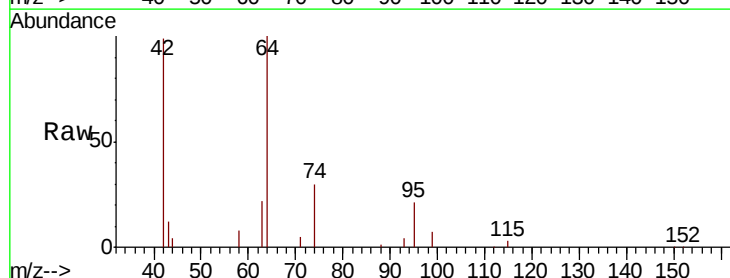
Tgt Ion: 93 Resp: 1470

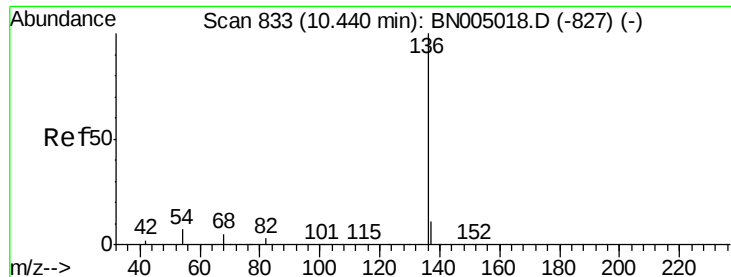
Ion Ratio Lower Upper

93 100

63 729.0 51.8 77.6#

95 629.8 24.8 37.2#





#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

Tgt Ion:136 Resp: 688010

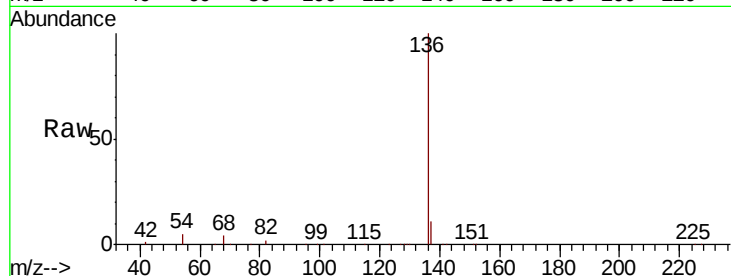
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 4.5 6.0 9.0#

68 3.9 5.0 7.6#

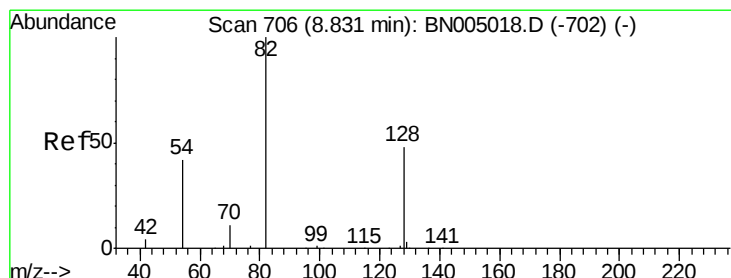
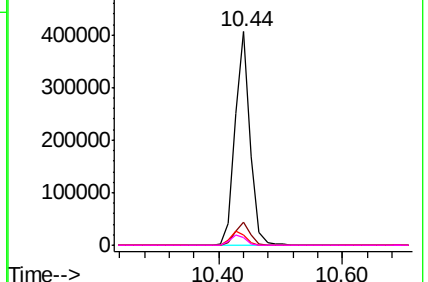
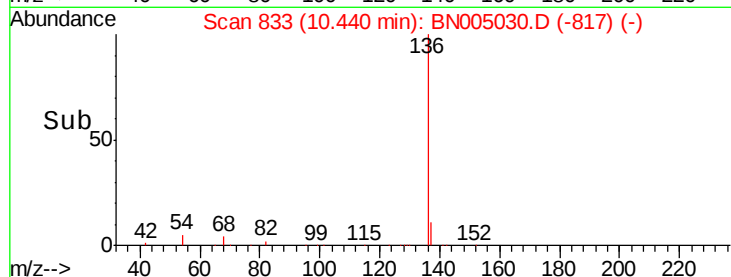


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.012 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

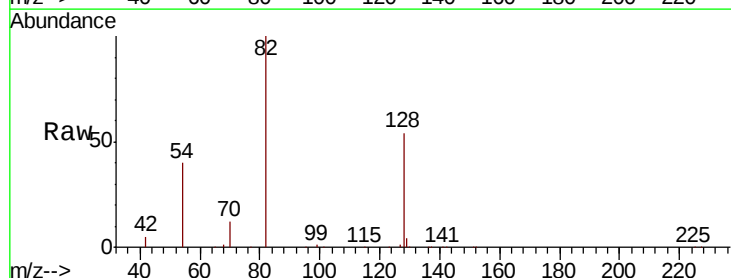
Tgt Ion: 82 Resp: 693934

Ion Ratio Lower Upper

82 100

128 53.8 40.5 60.7

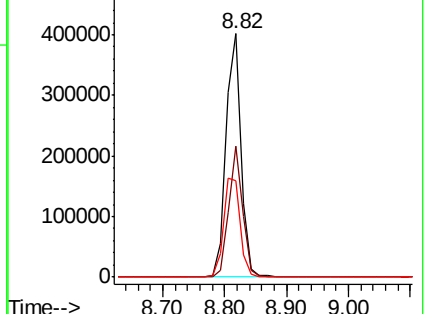
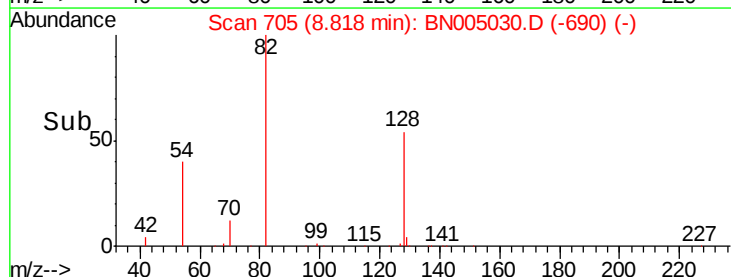
54 39.6 35.7 53.5

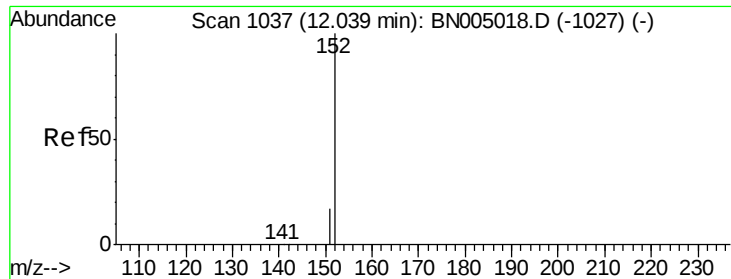


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

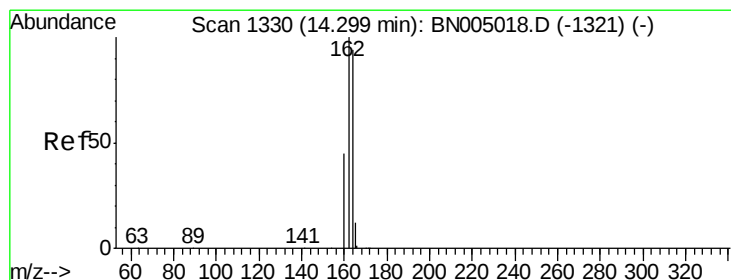
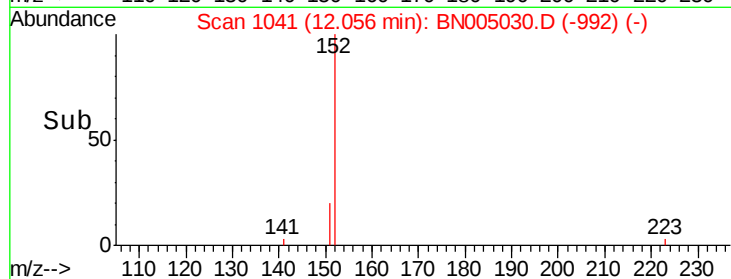
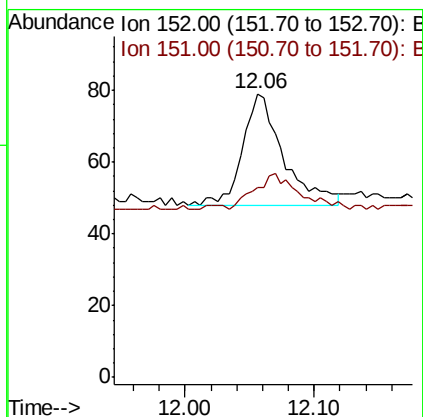
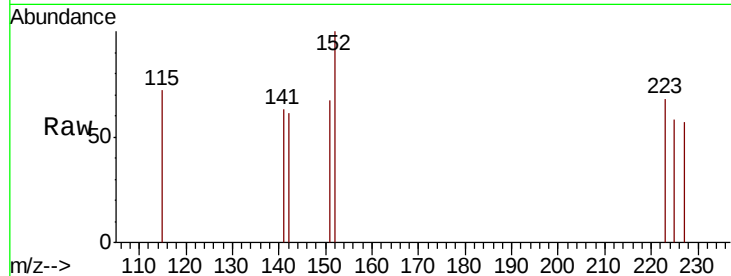




#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

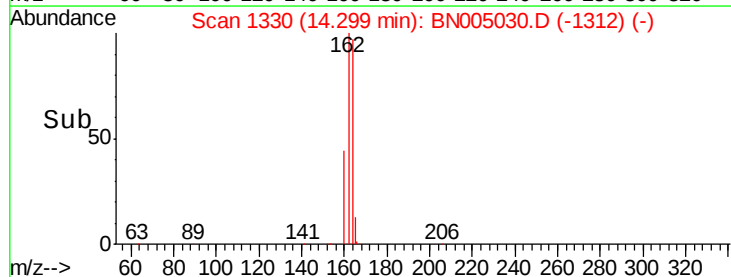
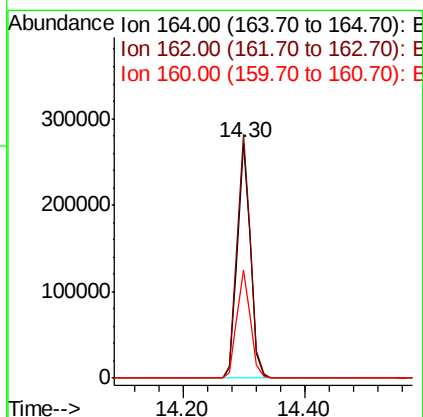
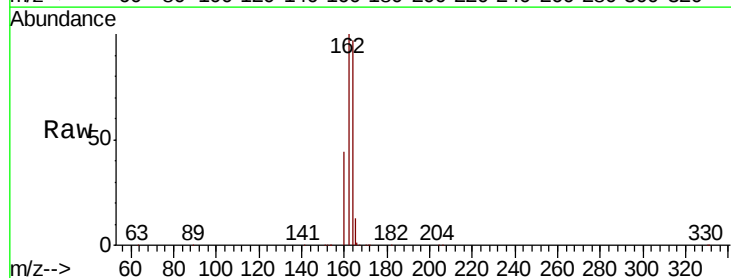
Instrument :
BNA_N
ClientSampleId :
PB118091BL

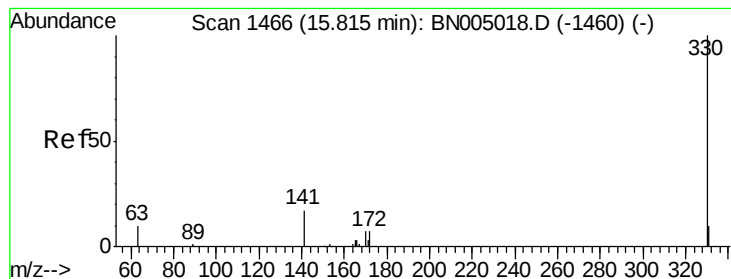
Tgt Ion:152 Resp: 68
Ion Ratio Lower Upper
152 100
151 33.8 15.3 22.9#



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:164 Resp: 404098
Ion Ratio Lower Upper
164 100
162 103.5 85.3 127.9
160 46.0 39.2 58.8

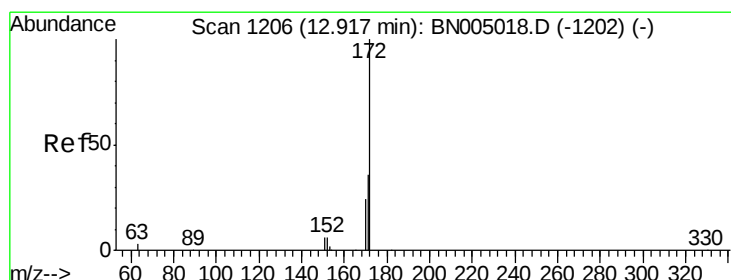
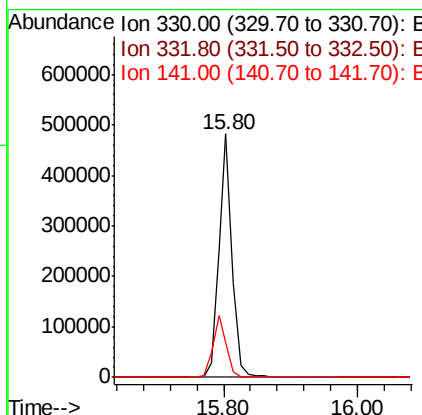
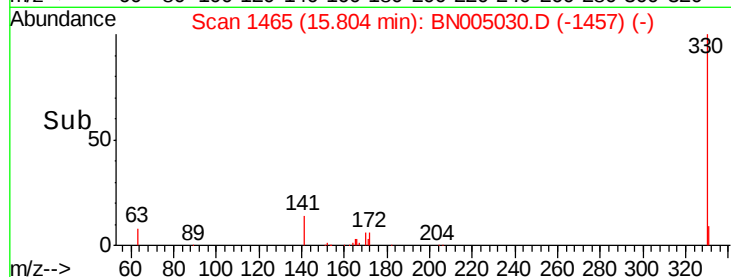
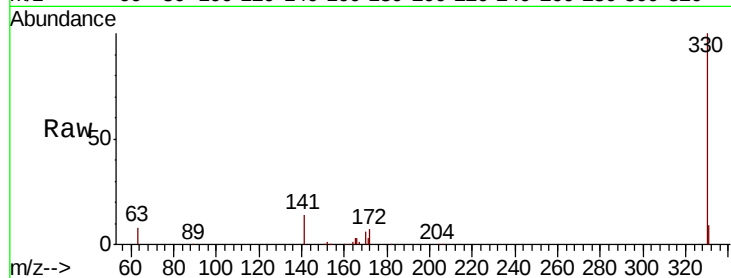




#14
 2,4,6-Tribromophenol
 Concen: 146.648 ng
 RT: 15.80 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BN005030.D
 Acq: 29 Mar 2019 12:54

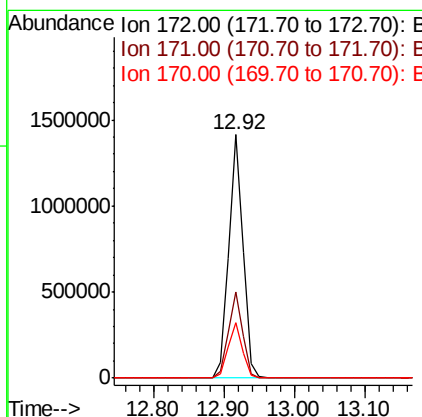
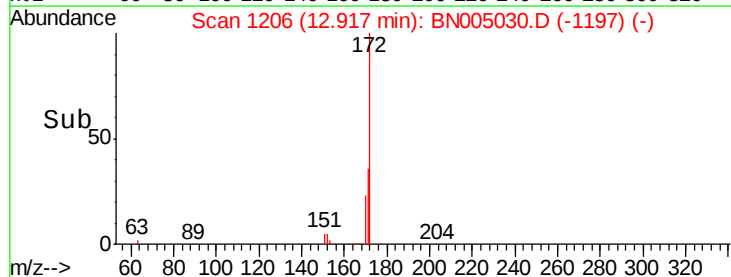
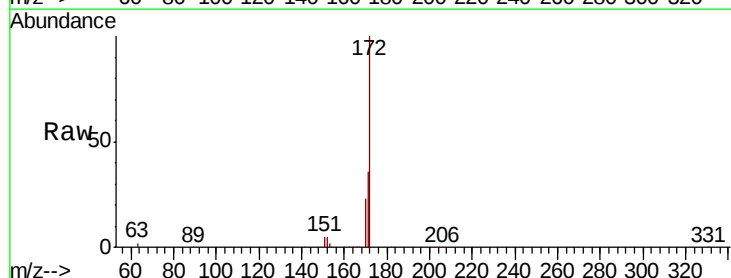
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BL

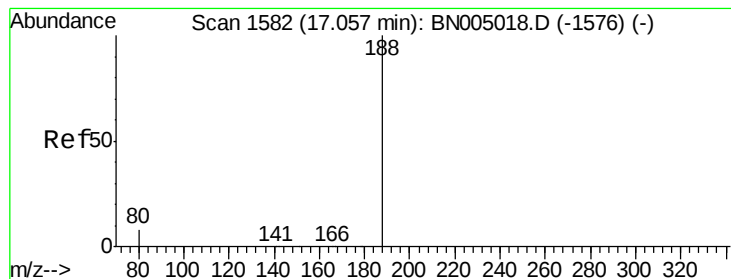
Tgt Ion:330 Resp: 664773
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.0 21.3 31.9



#15
 2-Fluorobiphenyl
 Concen: 66.628 ng
 RT: 12.92 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BN005030.D
 Acq: 29 Mar 2019 12:54

Tgt Ion:172 Resp: 2033098
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.0 20.0 30.0





#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

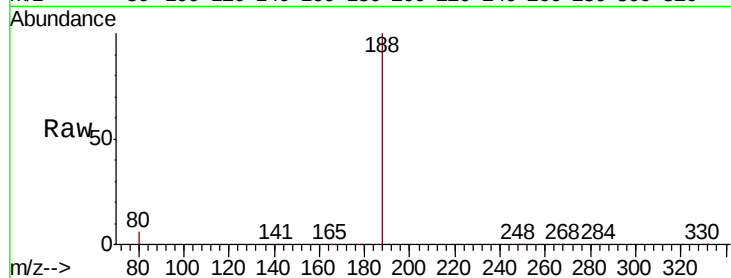
Tgt Ion:188 Resp: 957863

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

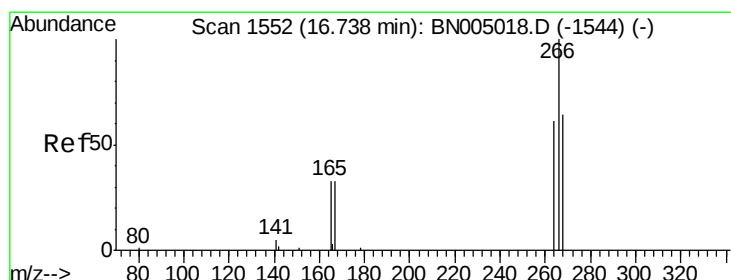
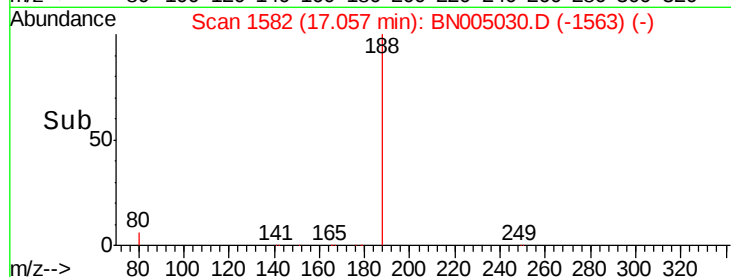
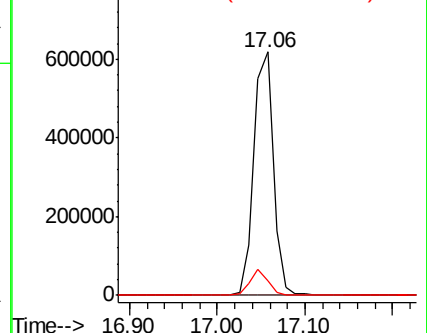
80 6.2 6.9 10.3#



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: 4.541 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

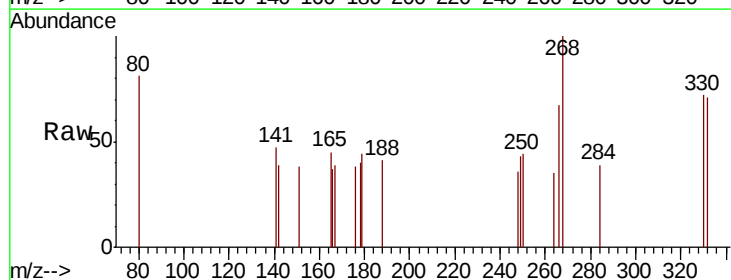
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 52.3 53.4 80.0#

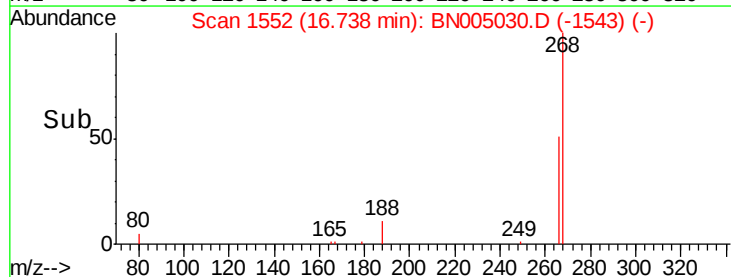
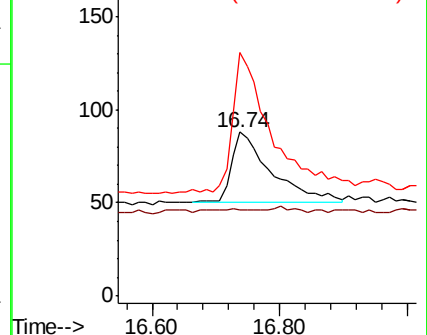
268 148.9 58.9 88.3#

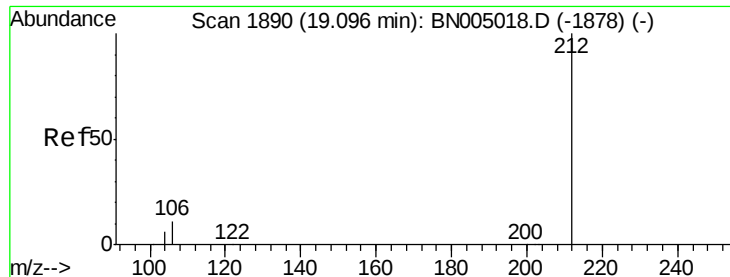


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

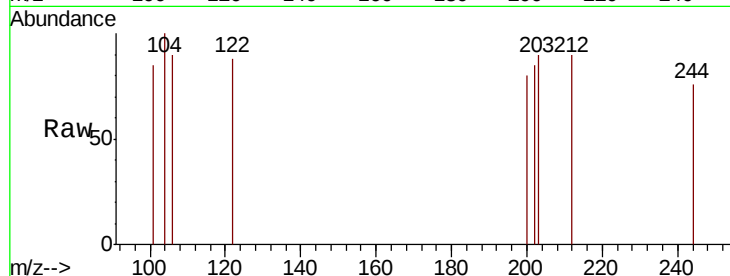
Tgt Ion:212 Resp: 10

Ion Ratio Lower Upper

212 100

106 30.0 9.4 14.2#

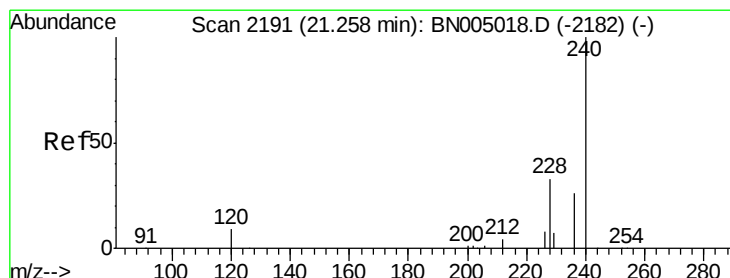
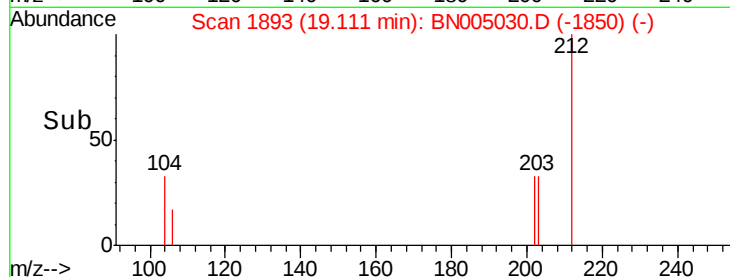
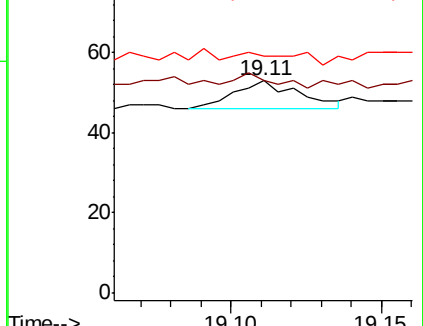
104 40.0 5.4 8.0#



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: 20.000 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

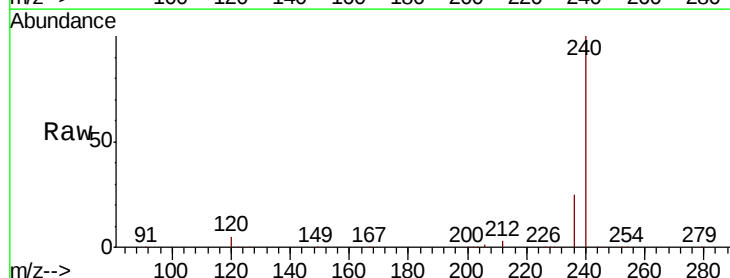
Tgt Ion:240 Resp: 944619

Ion Ratio Lower Upper

240 100

120 5.5 7.4 11.0#

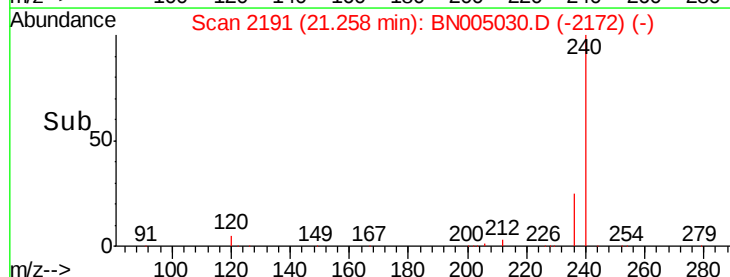
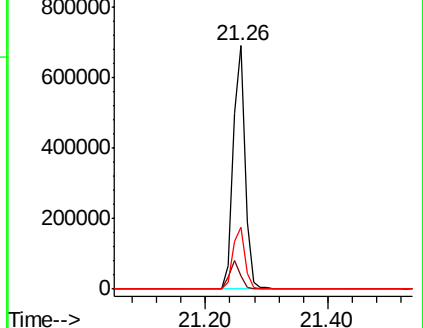
236 25.2 21.0 31.6

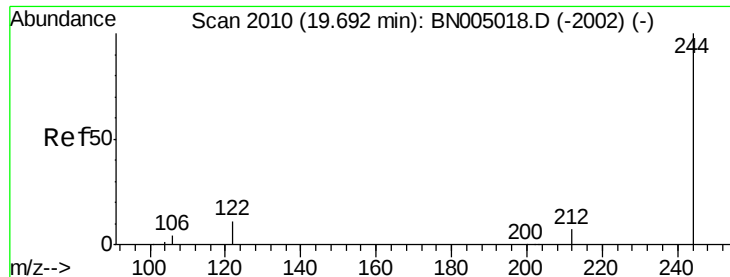


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 71.143 ng

RT: 19.69 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

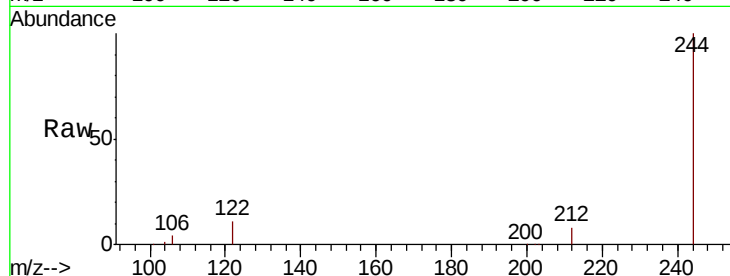
Tgt Ion:244 Resp: 2762021

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

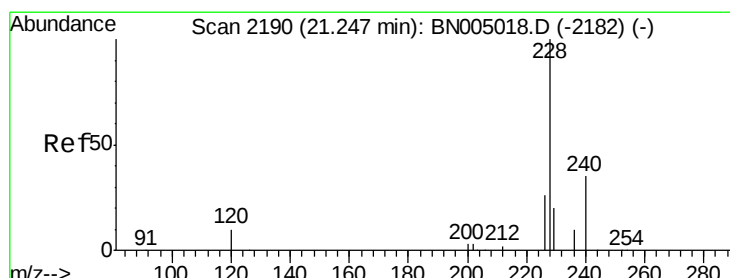
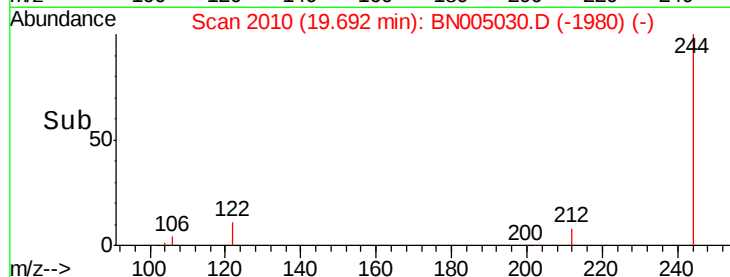
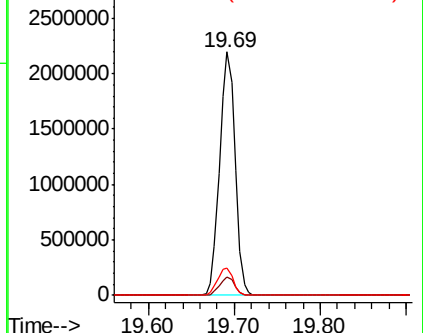
122 11.2 9.0 13.4



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



#30

Benzo(a)anthracene

Concen: 0.073 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

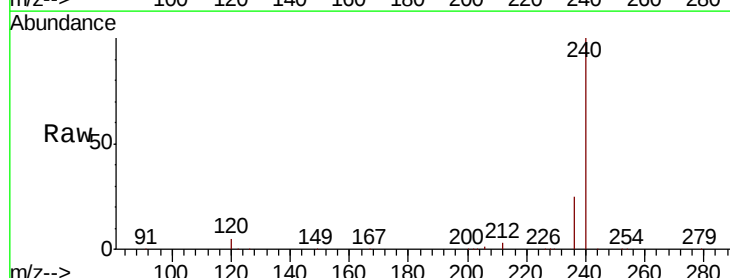
Tgt Ion:228 Resp: 3909

Ion Ratio Lower Upper

228 100

226 11.6 20.9 31.3#

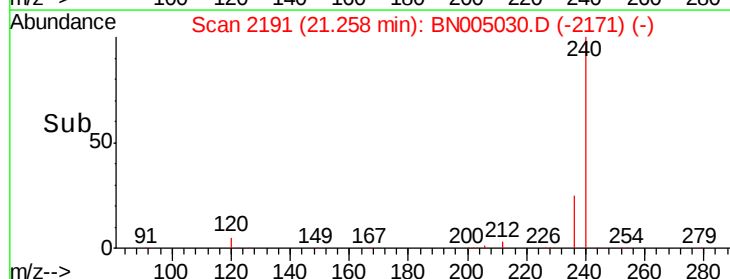
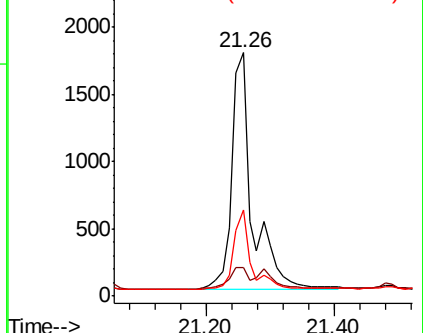
229 35.4 16.2 24.2#

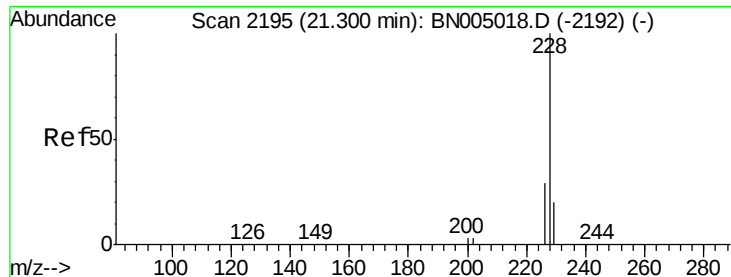


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.063 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

PB118091BL

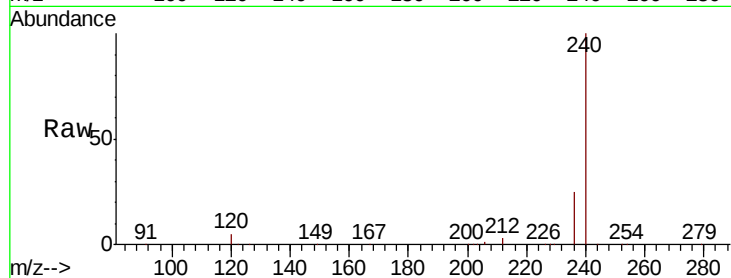
Tgt Ion:228 Resp: 3599

Ion Ratio Lower Upper

228 100

226 11.6 22.8 34.2#

229 35.4 16.2 24.4#

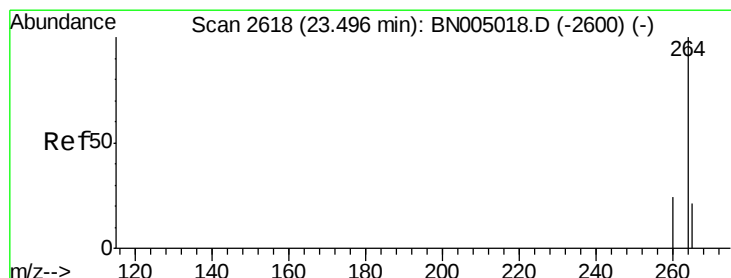
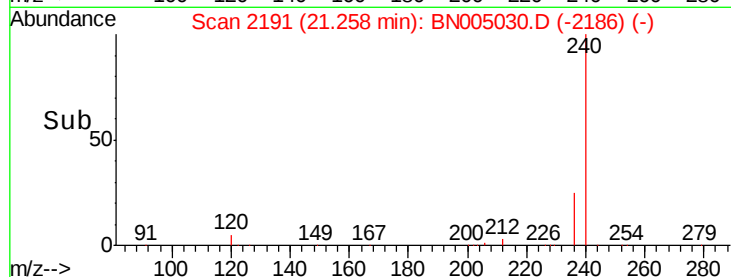
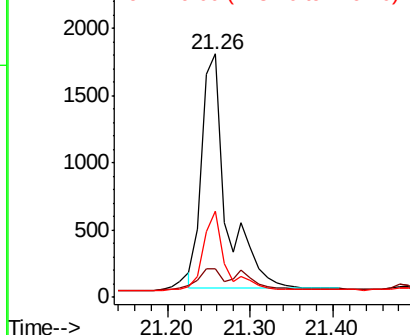


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BN005030.D

Acq: 29 Mar 2019 12:54

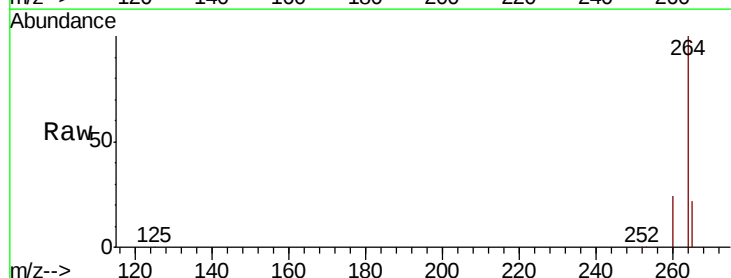
Tgt Ion:264 Resp: 893186

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.7 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

