

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003511.D
 Acq On : 12 Nov 2018 17:51
 Operator : MJ/SJ
 Sample : PB114540BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BL

Quant Time: Nov 13 00:42:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	84241	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	354439	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	208661	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	454097	20.00	ng	0.00
76) Chrysene-d12	21.40	240	382443	20.00	ng	0.00
87) Perylene-d12	23.72	264	384283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	531774	113.85	ng	0.00
7) Phenol-d6	7.00	99	706193	109.02	ng	0.00
23) Nitrobenzene-d5	9.02	82	398546	70.78	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	327710	105.35	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1132421	72.44	ng	0.00
79) Terphenyl-d14	19.84	244	1498360	77.13	ng	0.00

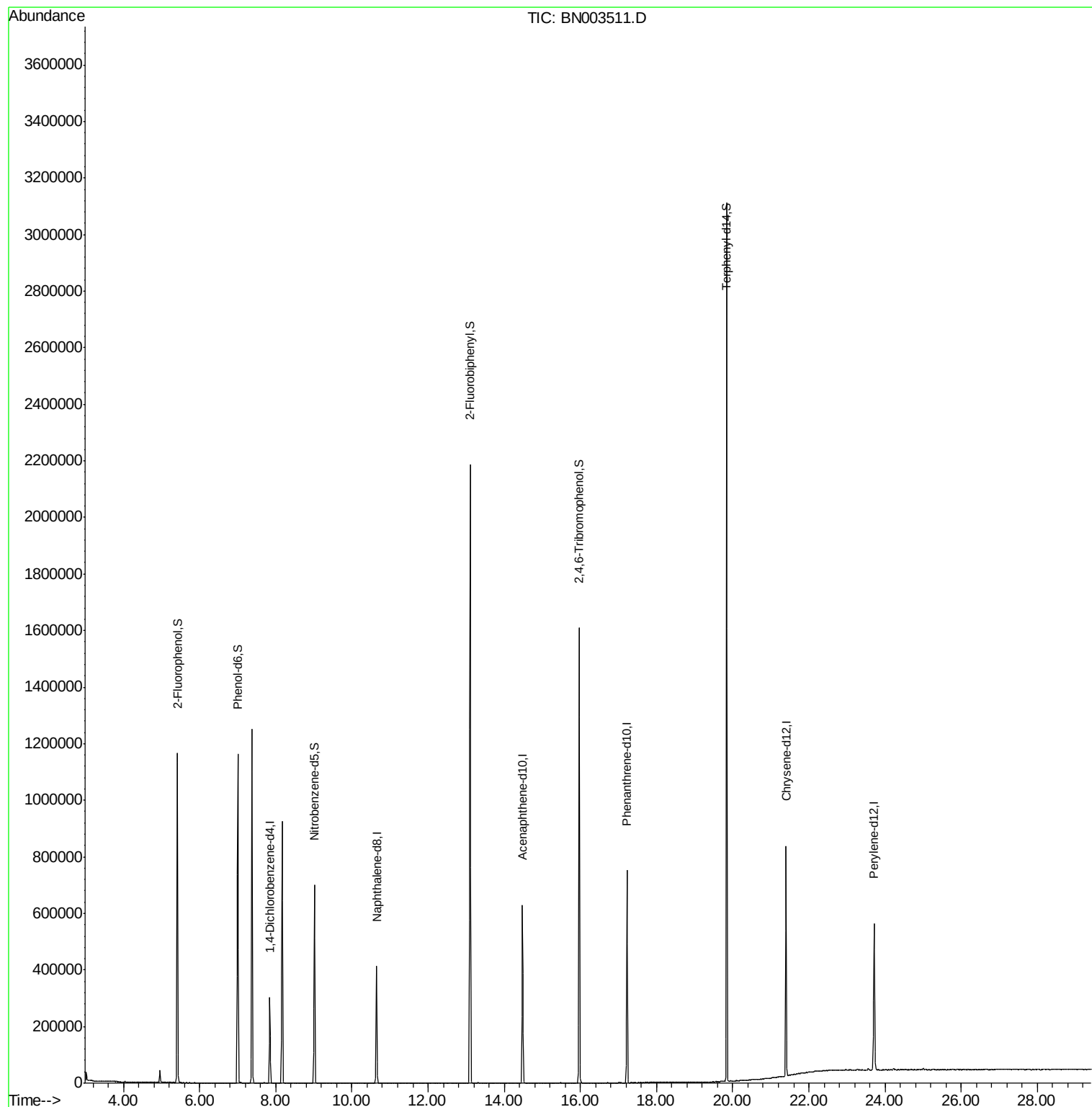
Target Compounds Qvalue

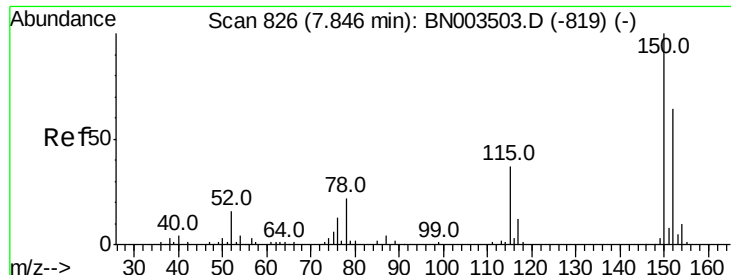
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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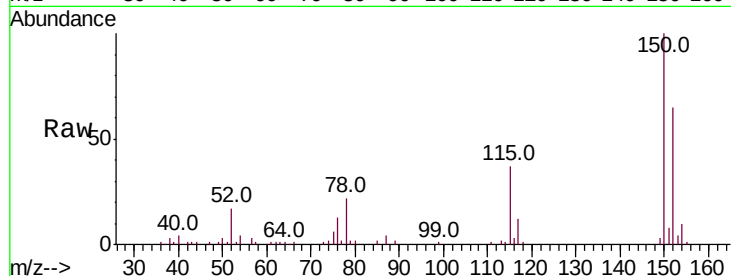


#1

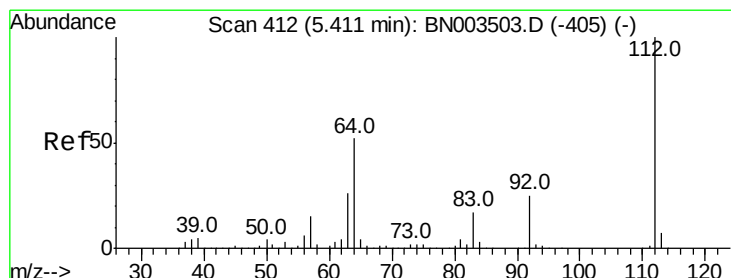
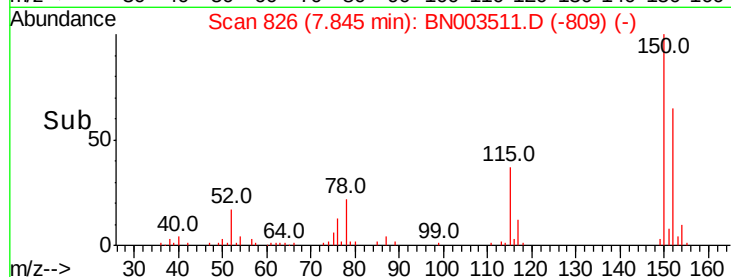
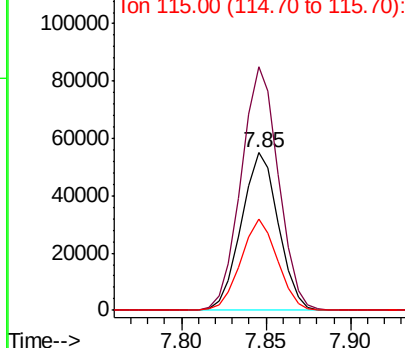
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BL

Tot Ion:152 Resp: 84241
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.4 188.0
 115 58.0 45.9 68.9



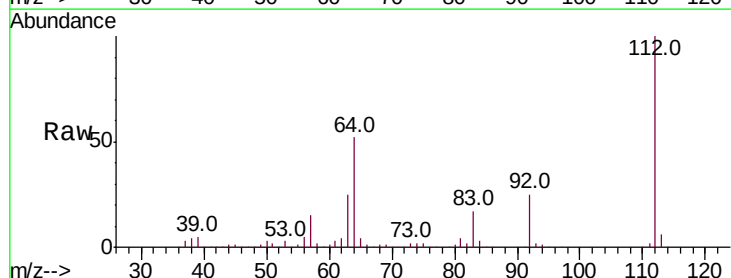
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



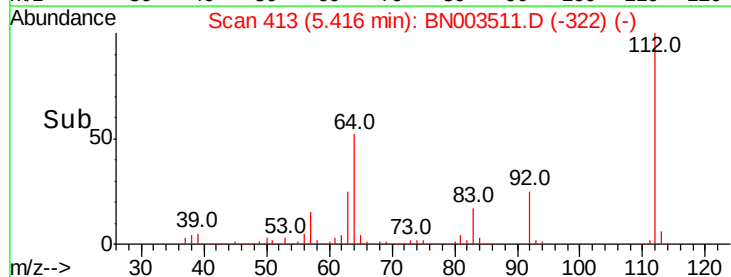
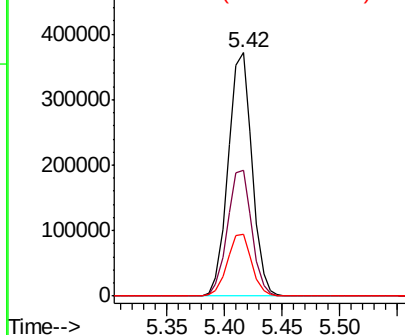
#5

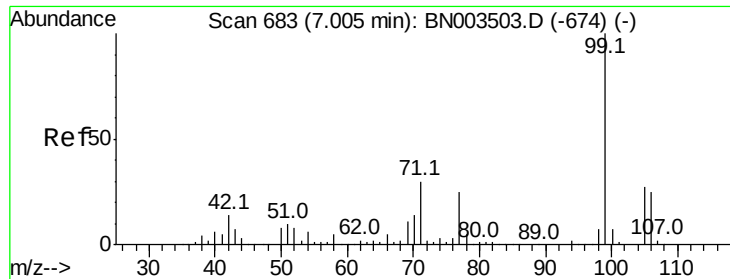
2-Fluorophenol
 Concen: 113.851 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Tgt Ion:112 Resp: 531774
 Ion Ratio Lower Upper
 112 100
 64 51.6 41.4 62.2
 63 25.2 20.5 30.7



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





#7

Phenol-d6

Concen: 109.018 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

PB114540BL

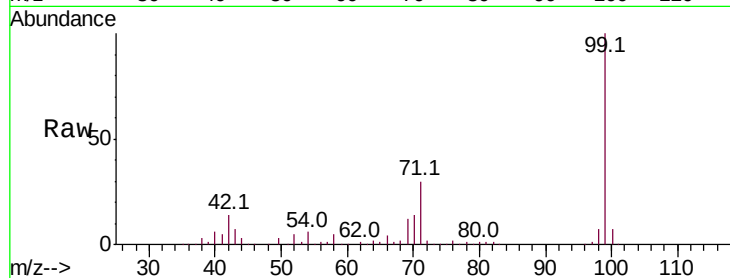
Tot Ion: 99 Resp: 706193

Ion Ratio Lower Upper

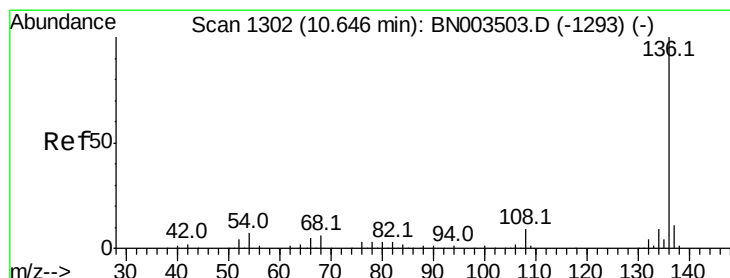
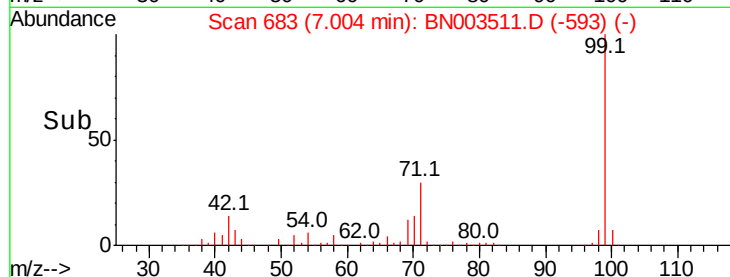
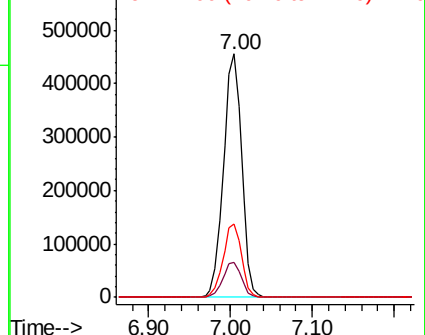
99 100

42 14.2 11.6 17.4

71 30.2 24.2 36.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Tgt Ion: 136 Resp: 354439

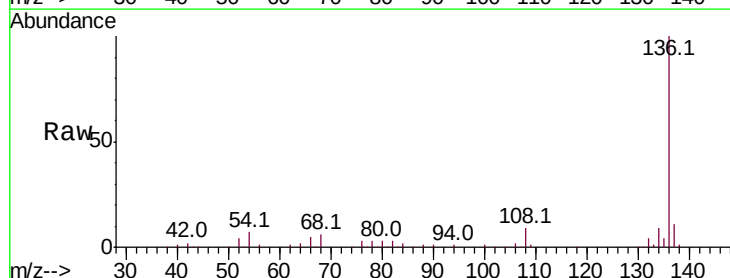
Ion Ratio Lower Upper

136 100

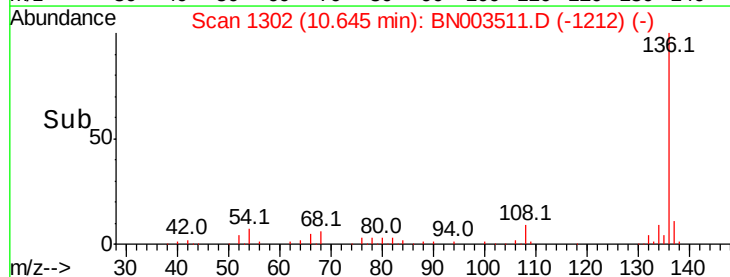
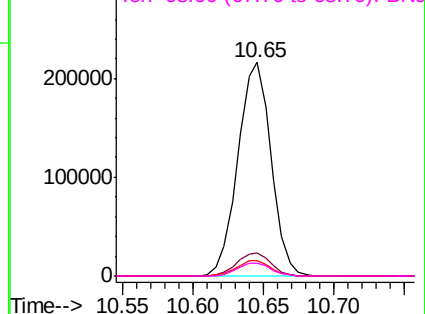
137 10.8 8.7 13.1

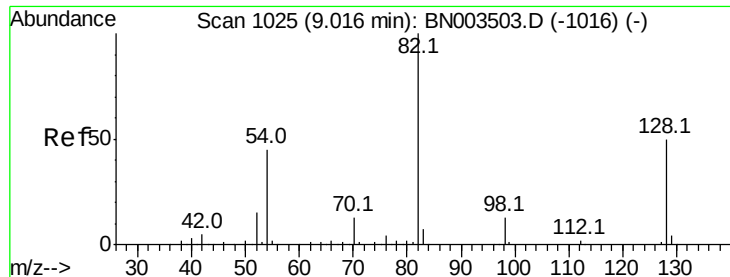
54 7.0 5.7 8.5

68 5.8 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BNC
Ion 137.00 (136.70 to 137.70): BNC
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

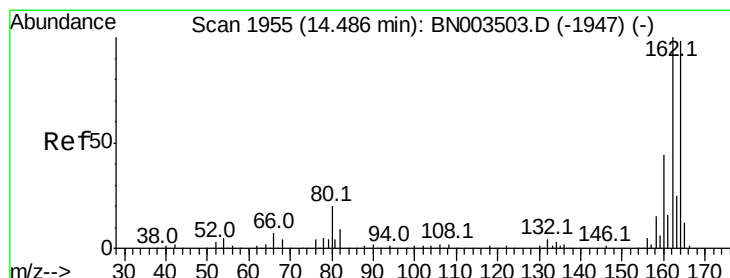
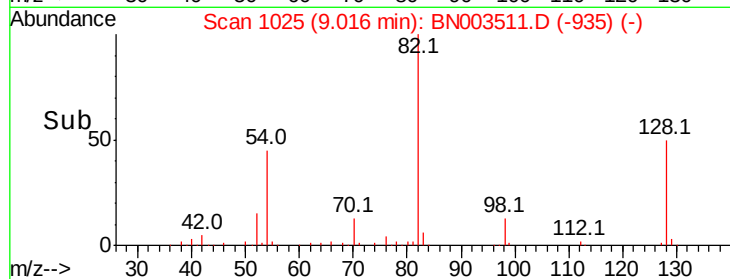
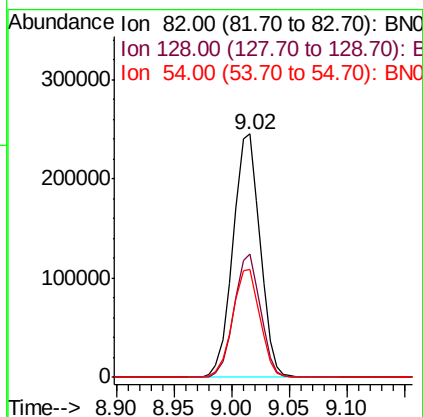
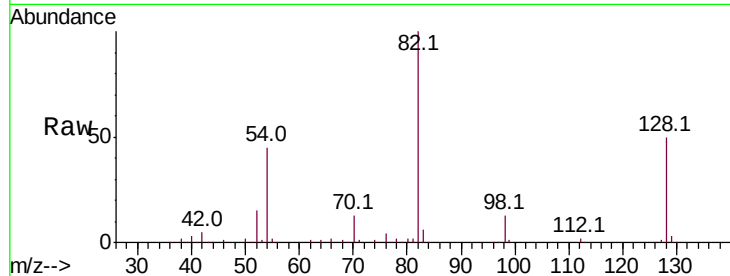




#23
Nitrobenzene-d5
Concen: 70.780 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

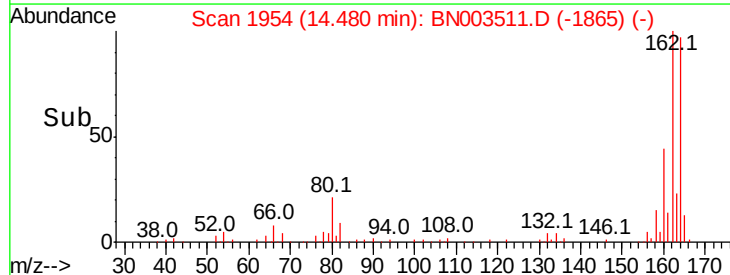
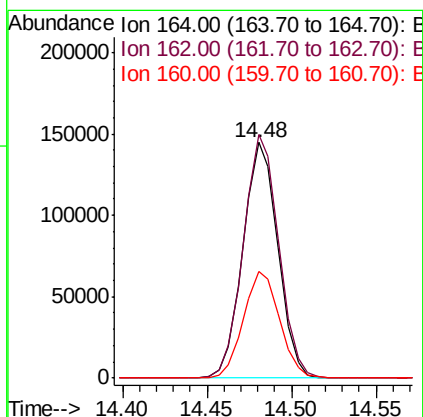
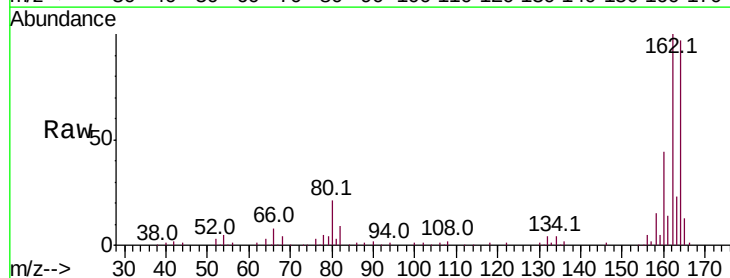
Instrument :
BNA_N
ClientSampleId :
PB114540BL

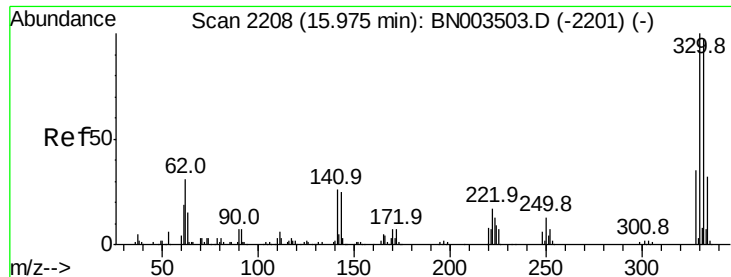
Tot Ion	82	Resp	398546
Ion Ratio	100	Lower	Upper
128	50.5	40.0	60.0
54	44.5	36.1	54.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003511.D
Acq: 12 Nov 2018 17:51

Tgt Ion	164	Resp	208661
Ion Ratio	100	Lower	Upper
162	103.4	81.8	122.6
160	45.1	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 105.352 ng

RT: 15.97 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

PB114540BL

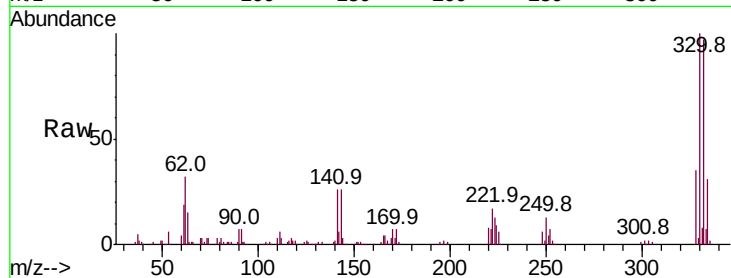
Tot Ion:330 Resp: 327710

Ion Ratio Lower Upper

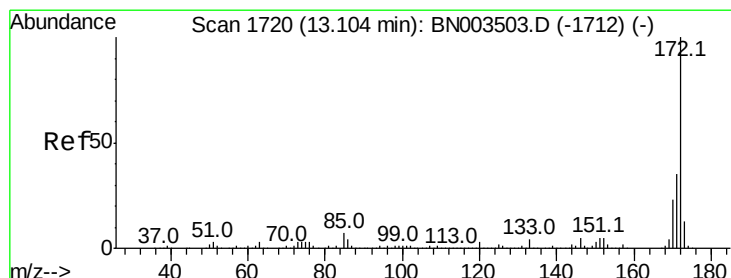
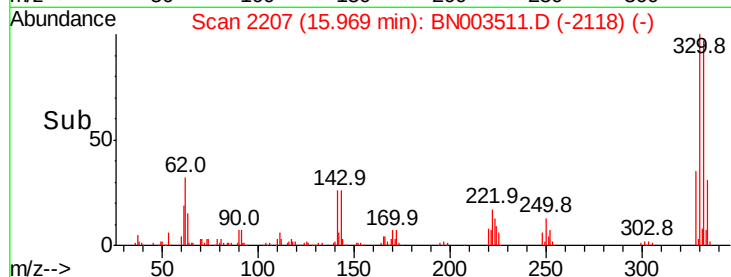
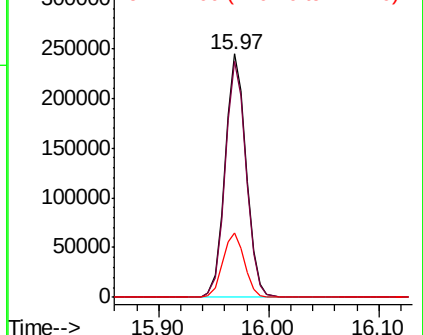
330 100

332 96.7 76.8 115.2

141 26.8 21.6 32.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 72.438 ng

RT: 13.10 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

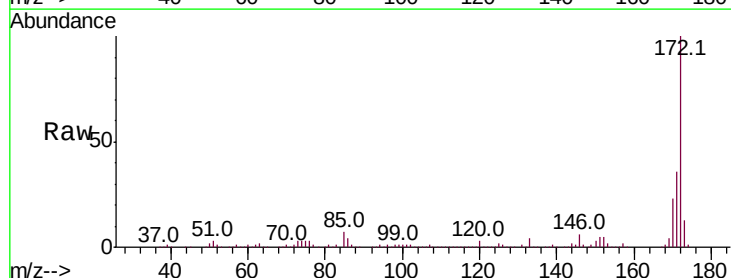
Tgt Ion:172 Resp: 1132421

Ion Ratio Lower Upper

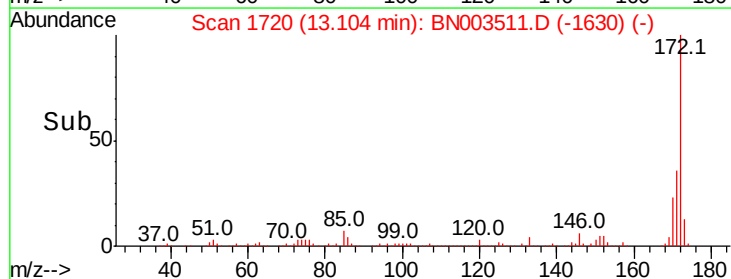
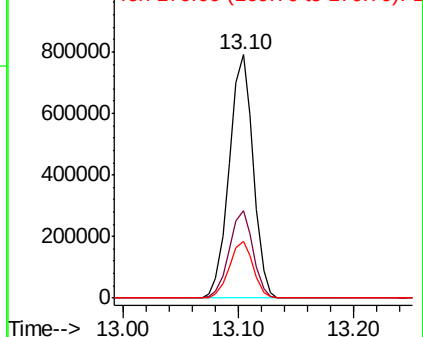
172 100

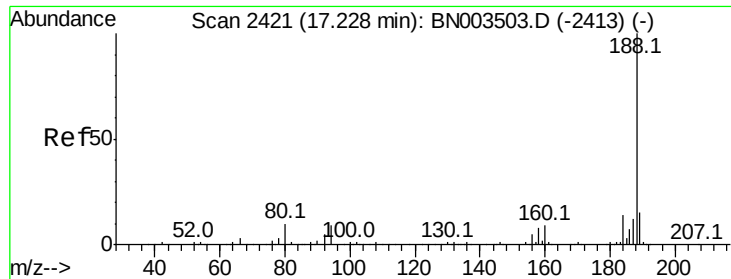
171 36.1 28.3 42.5

170 23.1 18.7 28.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

Instrument :

BNA_N

ClientSampleId :

PB114540BL

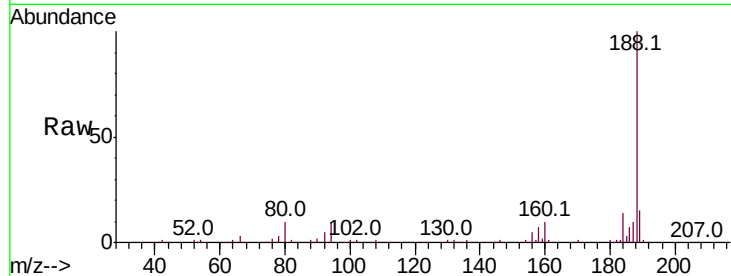
Tot Ion:188 Resp: 454097

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

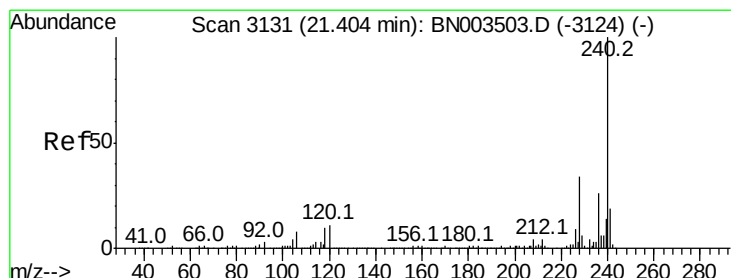
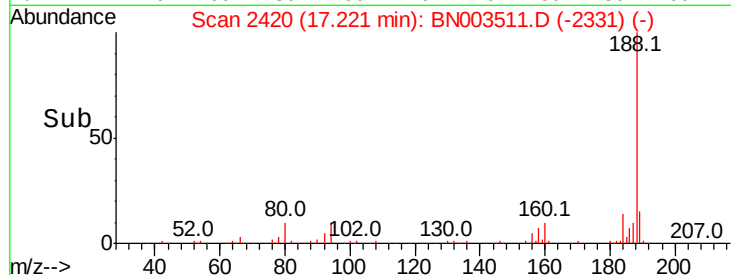
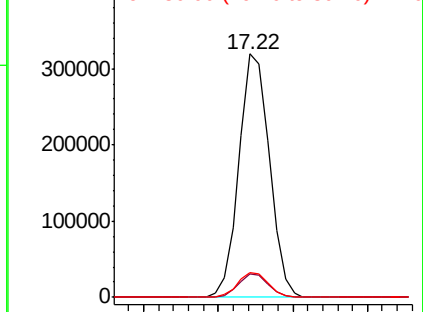
80 10.4 8.2 12.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BN003511.D

Acq: 12 Nov 2018 17:51

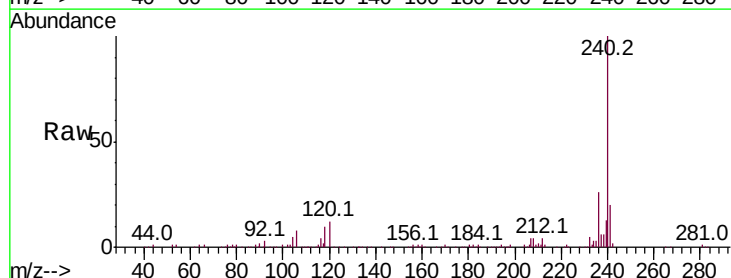
Tgt Ion:240 Resp: 382443

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

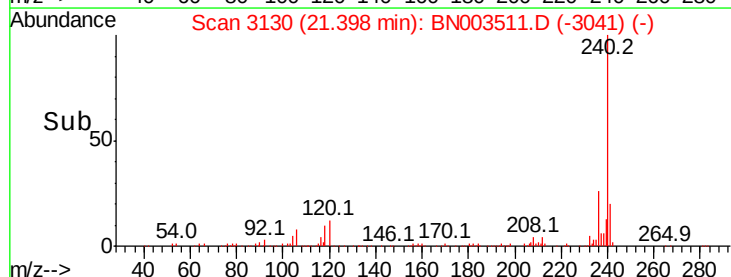
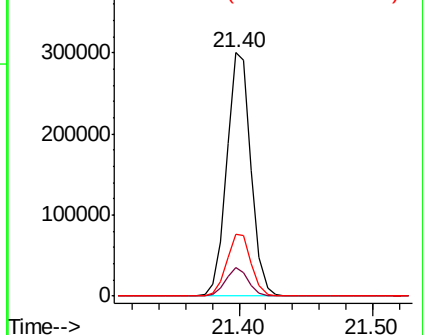
236 25.6 20.6 30.8

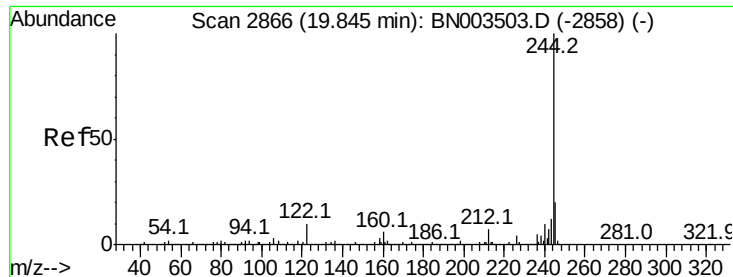


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



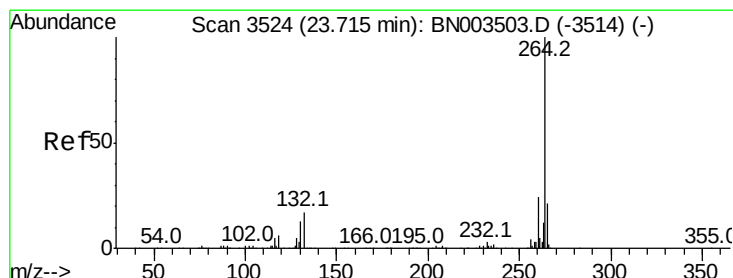
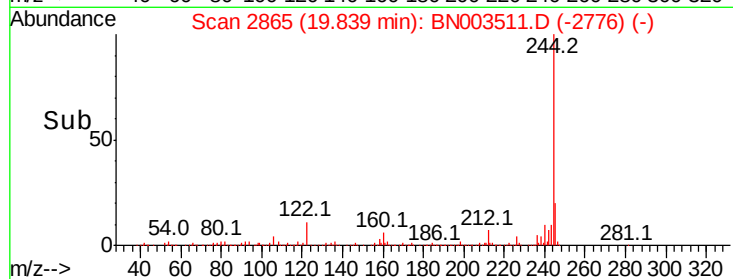
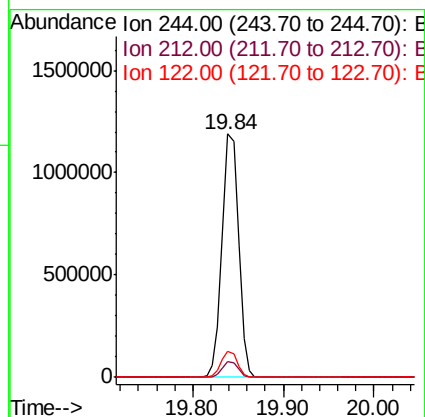
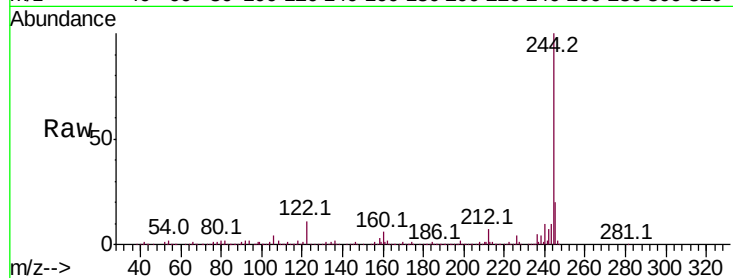


#79
 Terphenyl-d14
 Concen: 77.132 ng
 RT: 19.84 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Instrument :
 BNA_N
 ClientSampleId :
 PB114540BL

Tot Ion:244 Resp: 1498360

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.72 min Scan# 3524
 Delta R.T. -0.00 min
 Lab File: BN003511.D
 Acq: 12 Nov 2018 17:51

Tgt Ion:264 Resp: 384283

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.2	17.2	25.8

