

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003438.D
 Acq On : 06 Nov 2018 19:09
 Operator : MJ/SJ
 Sample : PB114560BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

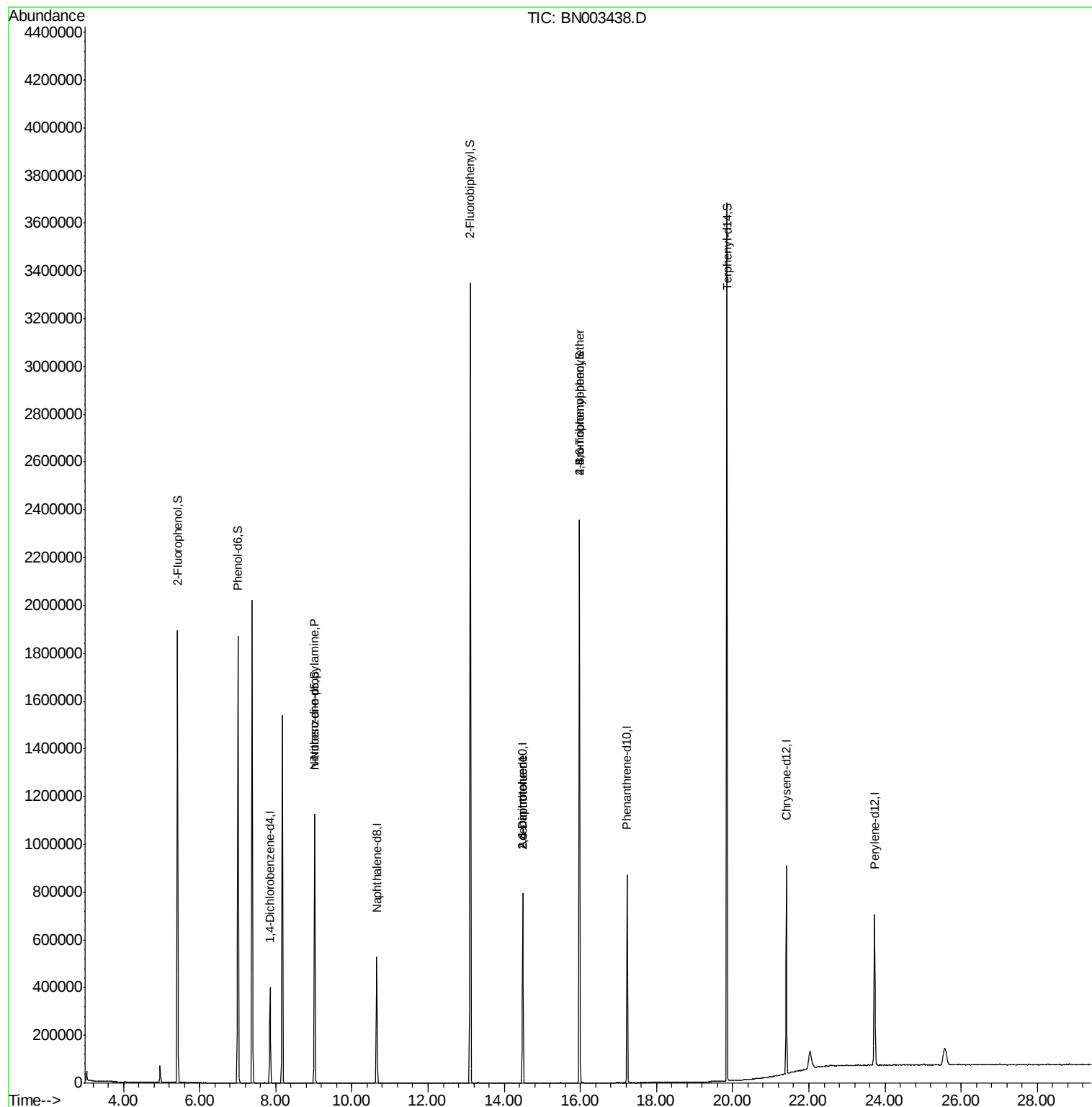
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111555	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	460693	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	259775	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	505511	20.00	ng	0.00
76) Chrysene-d12	21.41	240	408853	20.00	ng	0.00
87) Perylene-d12	23.73	264	466088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	867222	135.40	ng	0.00
7) Phenol-d6	7.01	99	1140926	125.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	645551	80.36	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	481945	137.78	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1740666	90.89	ng	0.00
79) Terphenyl-d14	19.85	244	1805579	94.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	81638	12.43	ng	# 75
51) 2,6-Dinitrotoluene	14.49	165	33253	6.98	ng	# 29
57) 2,4-Dinitrotoluene	14.49	165	33253	5.14	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	31038	5.45	ng	# 1

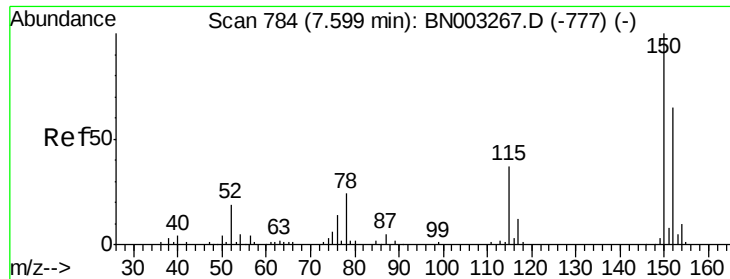
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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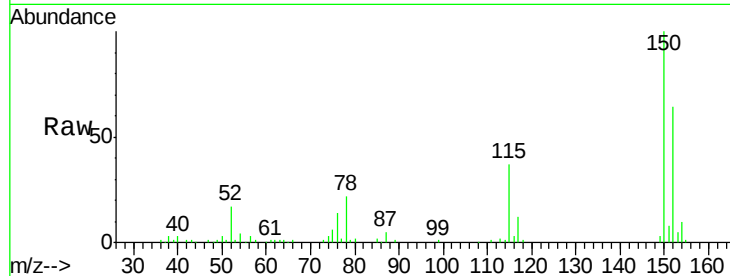


#1

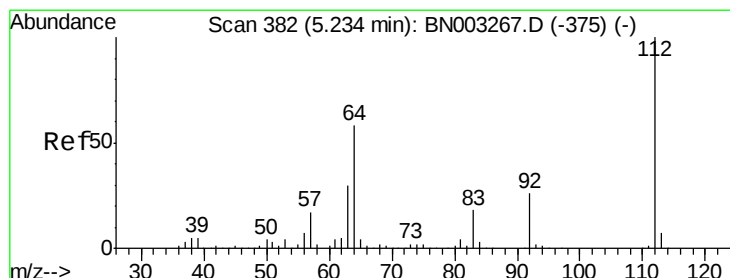
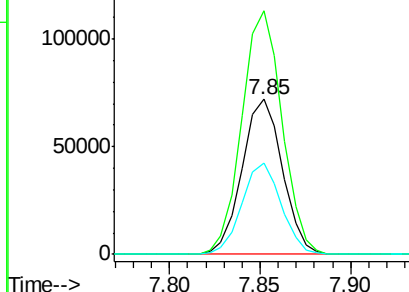
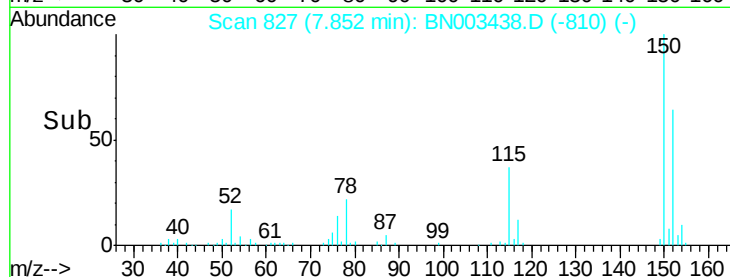
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.85 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.8
115	58.6	45.9	68.9



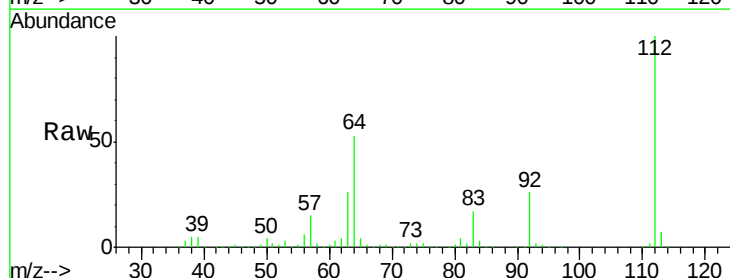
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



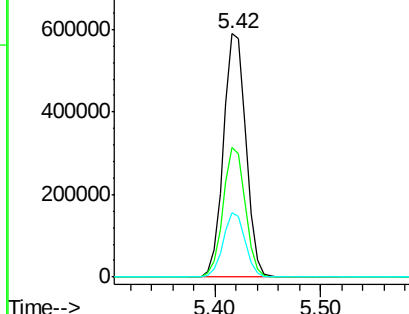
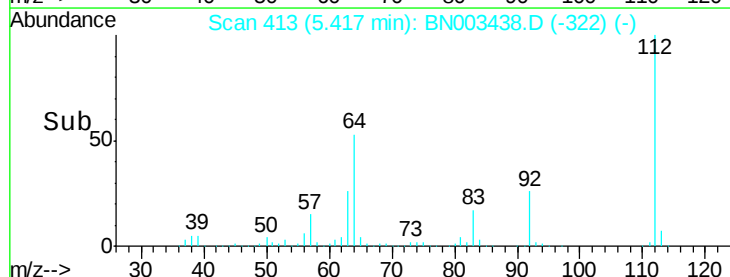
#5

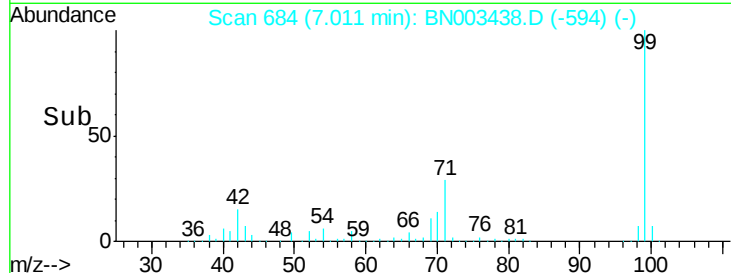
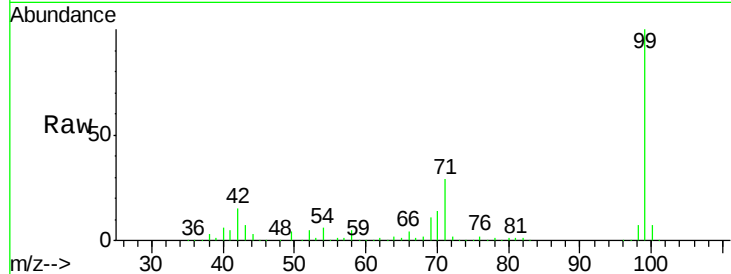
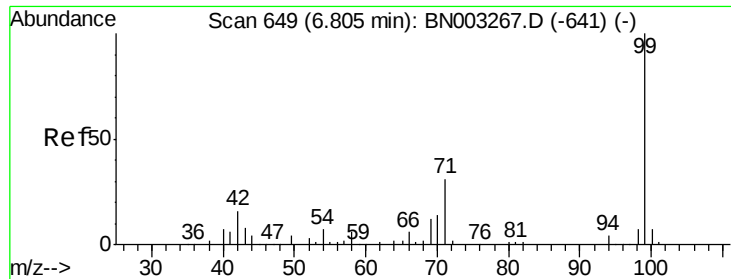
2-Fluorophenol
 Concen: 135.40 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.6	69.8
63	26.4	23.8	35.8



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

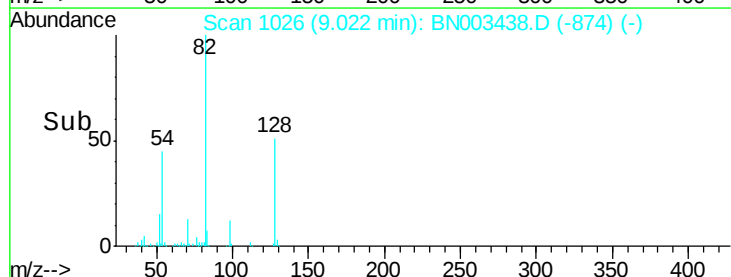
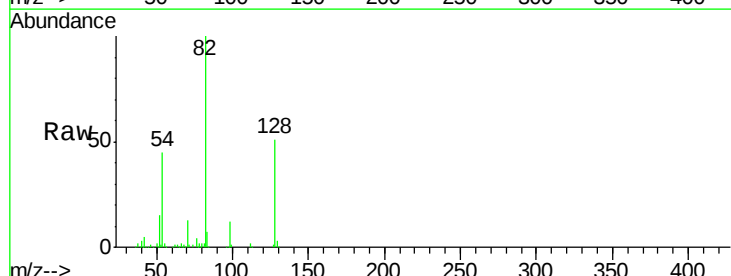
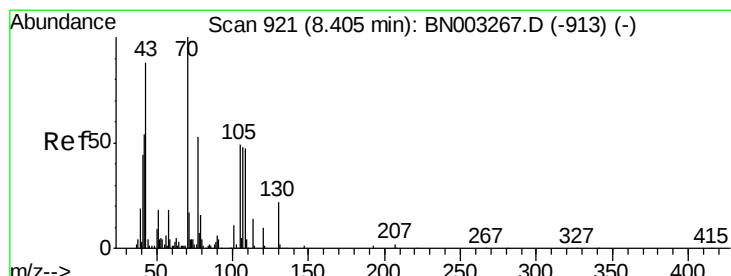
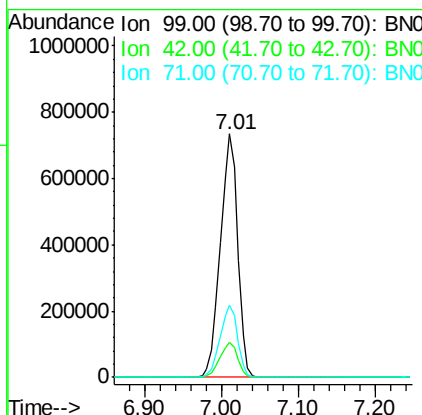




#7
 Phenol-d6
 Concen: 125.28 ng
 RT: 7.01 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

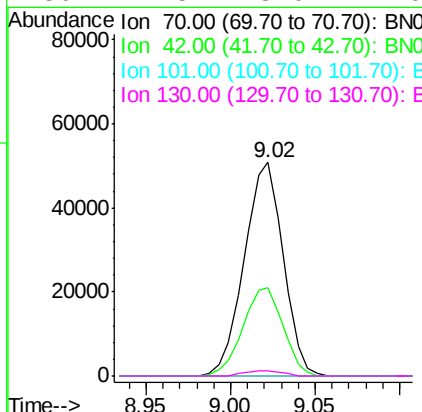
Instrument :
 BNA_N
 ClientSampled :

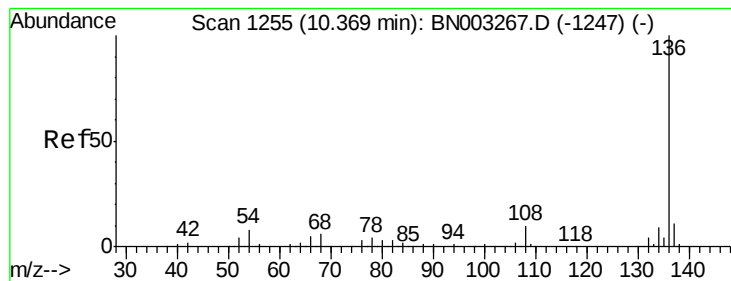
Tot Ion: 99 Resp: 1140926
 Ion Ratio Lower Upper
 99 100
 42 14.6 13.0 19.6
 71 29.4 24.5 36.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 12.43 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.36 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Tgt Ion: 70 Resp: 81638
 Ion Ratio Lower Upper
 70 100
 42 41.5 43.5 65.3#
 101 0.0 8.6 12.8#
 130 2.5 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 460693

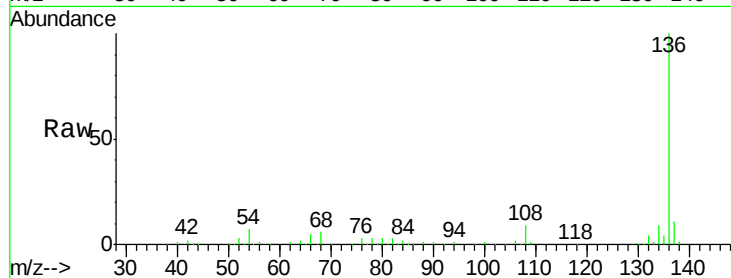
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.9 6.6 10.0

68 5.9 4.6 7.0

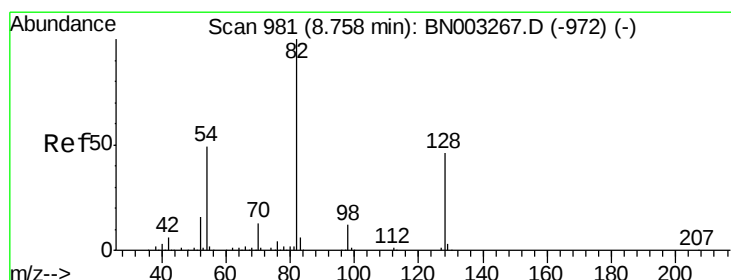
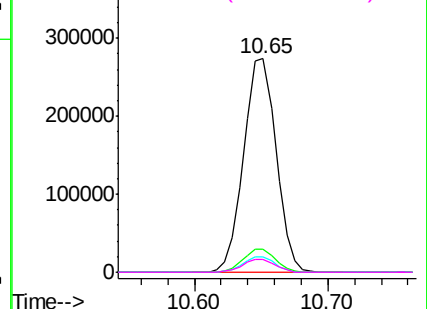
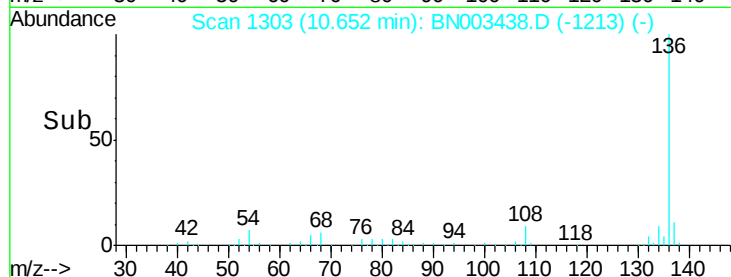


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 80.36 ng

RT: 9.02 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

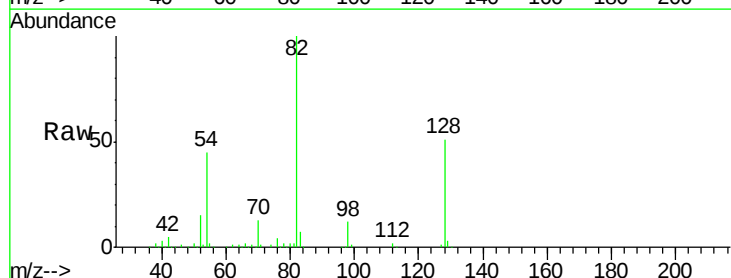
Tgt Ion: 82 Resp: 645551

Ion Ratio Lower Upper

82 100

128 51.0 37.1 55.7

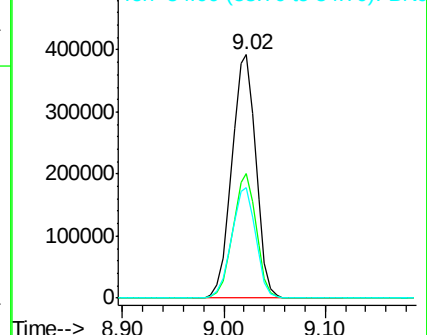
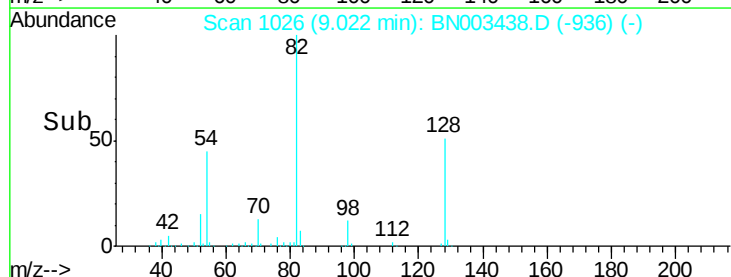
54 45.3 39.4 59.2

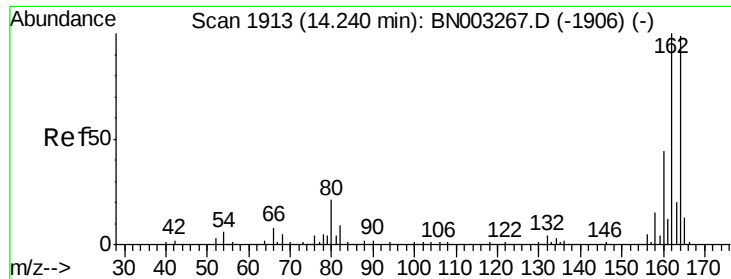


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

Instrument :

BNA_N

ClientSampleId :

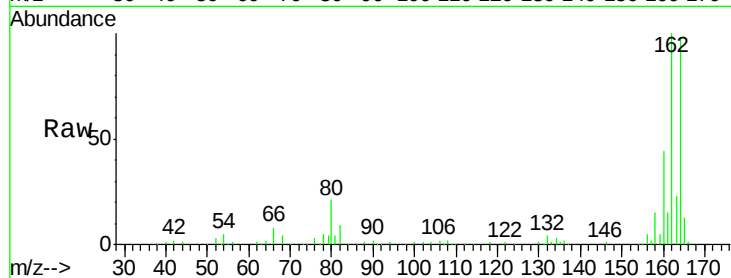
Tot Ion:164 Resp: 259775

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

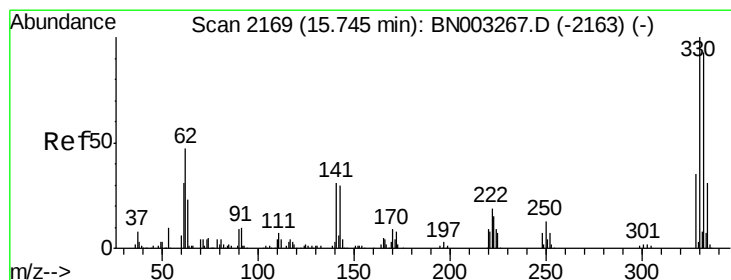
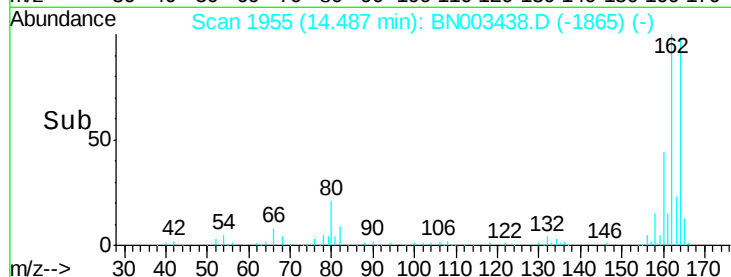
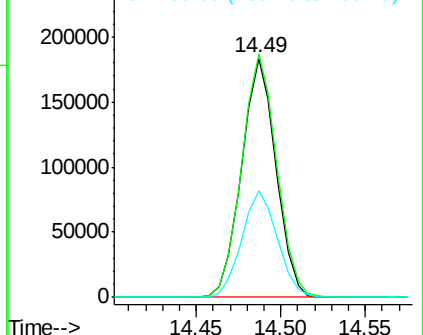
160 44.9 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 137.78 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

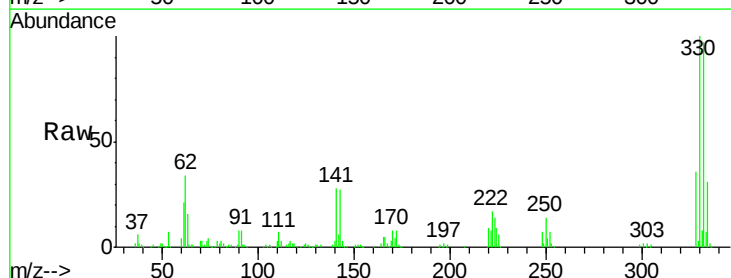
Tgt Ion:330 Resp: 481945

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

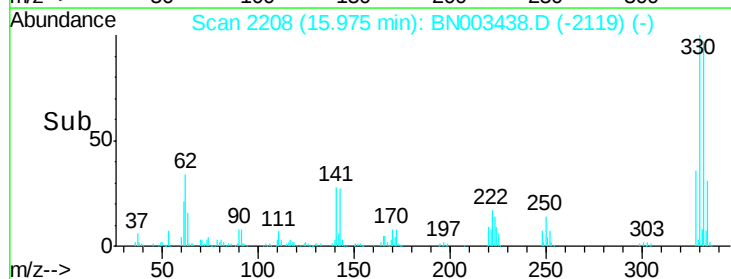
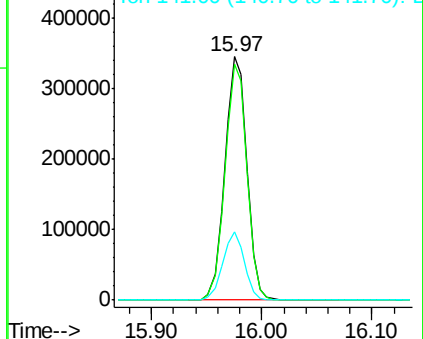
141 27.4 24.5 36.7

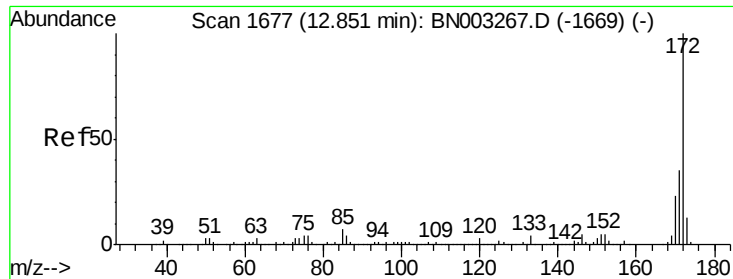


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



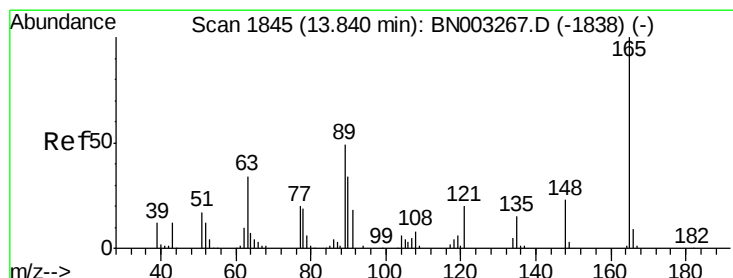
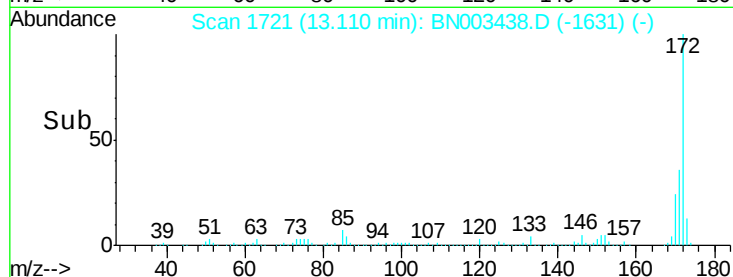
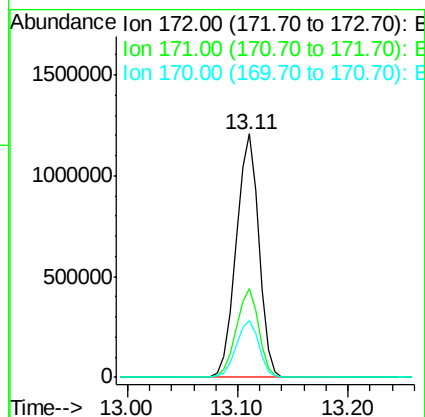
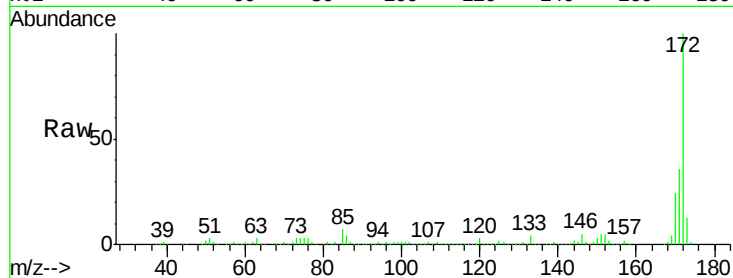


#45
 2-Fluorobiphenyl
 Concen: 90.89 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1740666

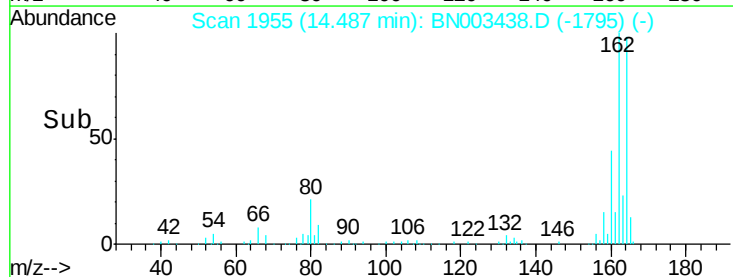
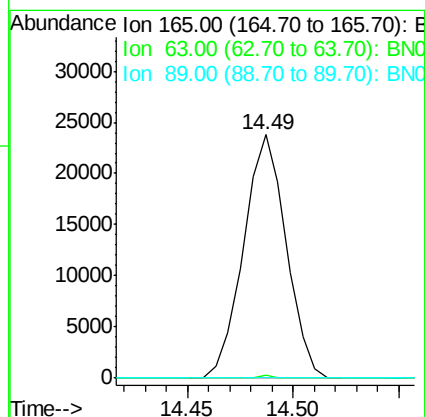
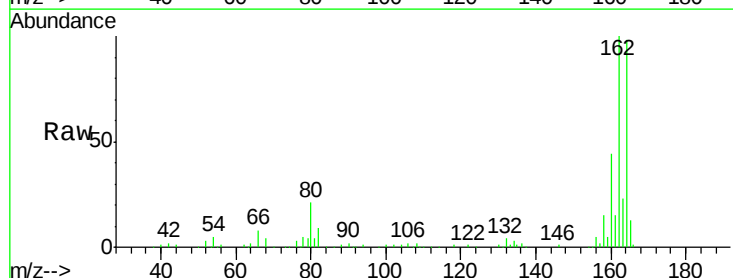
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.5	18.4	27.6

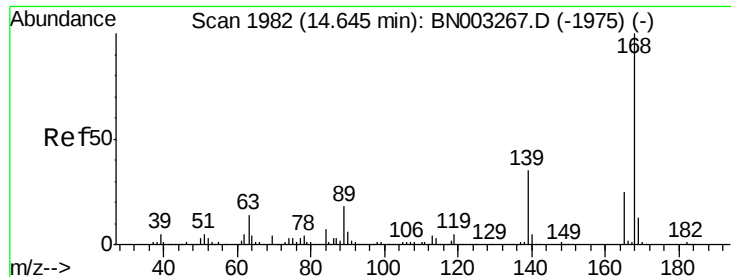


#51
 2,6-Dinitrotoluene
 Concen: 6.98 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Tgt Ion:165 Resp: 33253

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.2	58.8#
89	0.0	38.9	58.3#

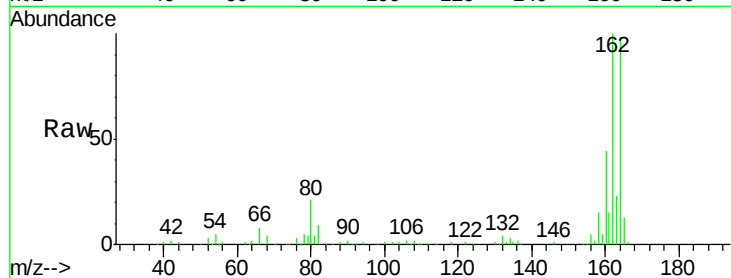




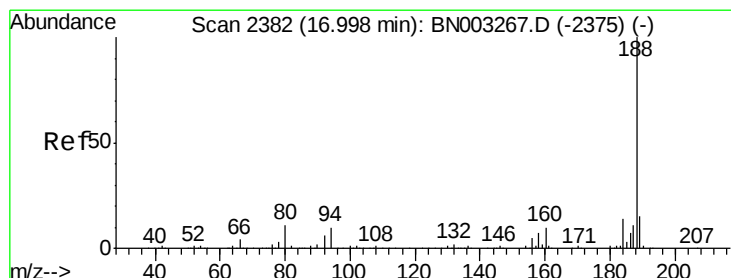
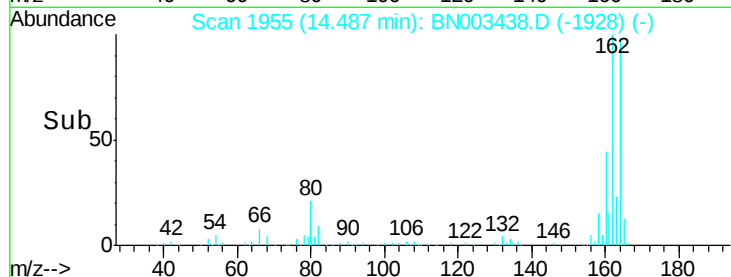
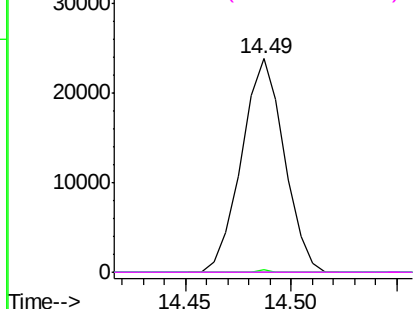
#57
 2,4-Dinitrotoluene
 Concen: 5.14 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 33253
 Ion Ratio Lower Upper
 165 100
 63 1.4 45.8 68.6#
 89 0.0 58.7 88.1#
 182 0.0 2.3 3.5#

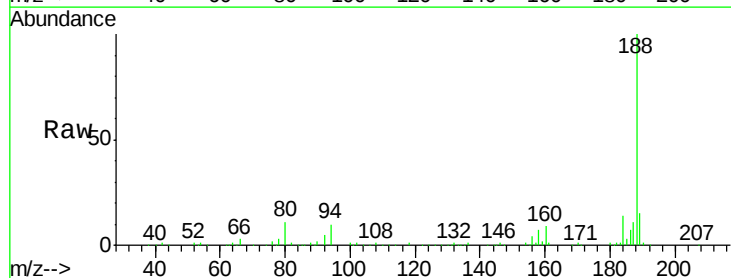


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

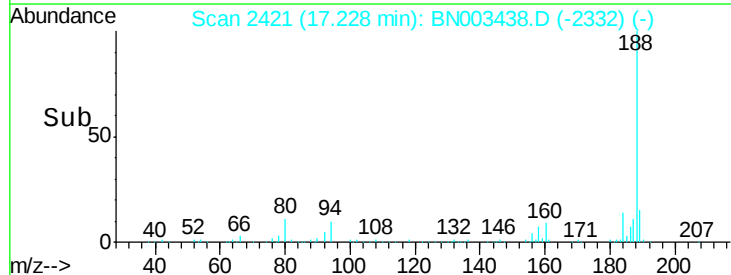
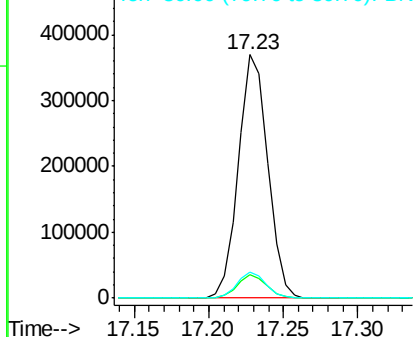


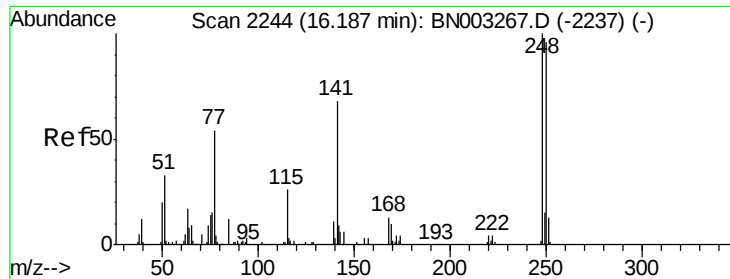
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003438.D
 Acq: 06 Nov 2018 19:09

Tgt Ion:188 Resp: 505511
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.5 8.6 13.0



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

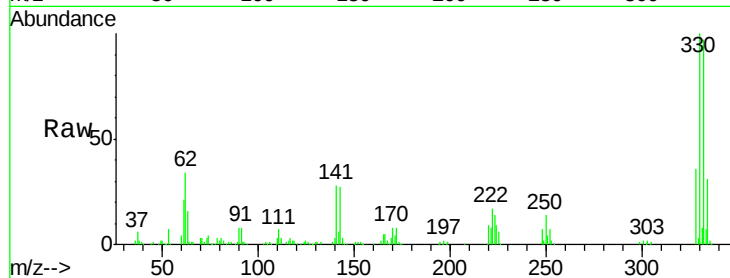




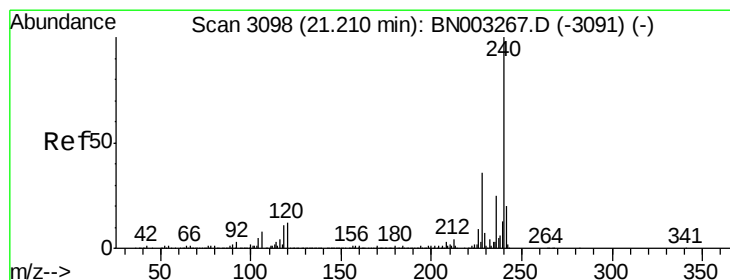
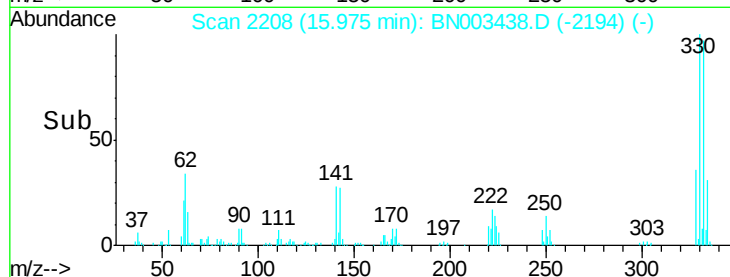
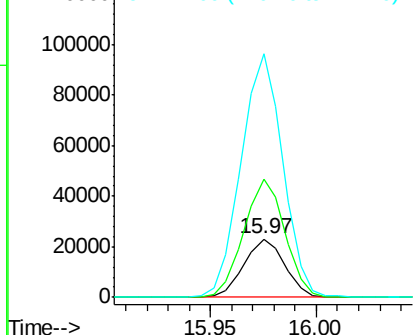
#67
4-Bromophenyl-phenylether
Concen: 5.45 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003438.D
Acq: 06 Nov 2018 19:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 31038
Ion Ratio Lower Upper
248 100
250 204.2 76.4 114.6#
141 419.6 54.2 81.4#

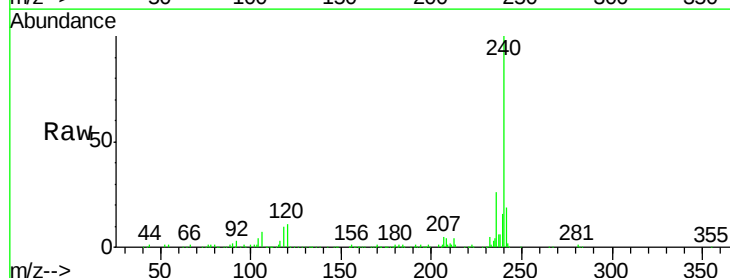


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

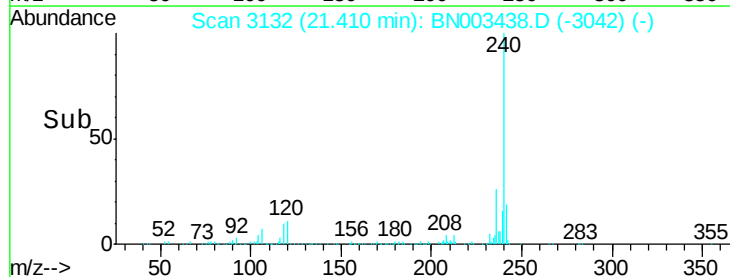
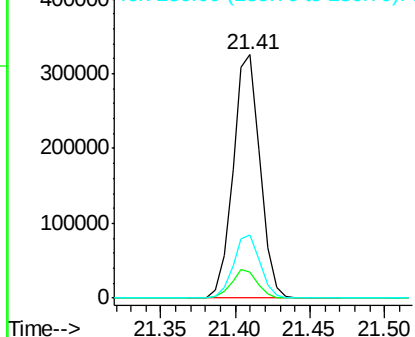


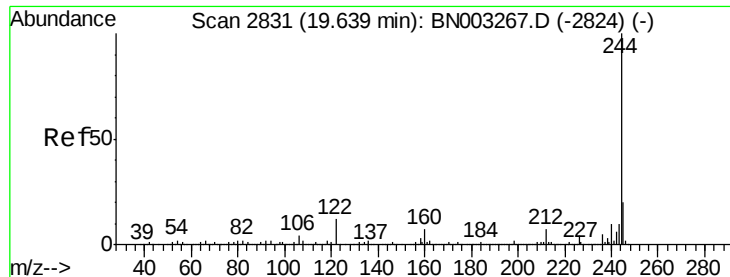
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN003438.D
Acq: 06 Nov 2018 19:09

Tgt Ion:240 Resp: 408853
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.0
236 25.9 20.3 30.5



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: 94.44 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

Instrument :

BNA_N

ClientSampleId :

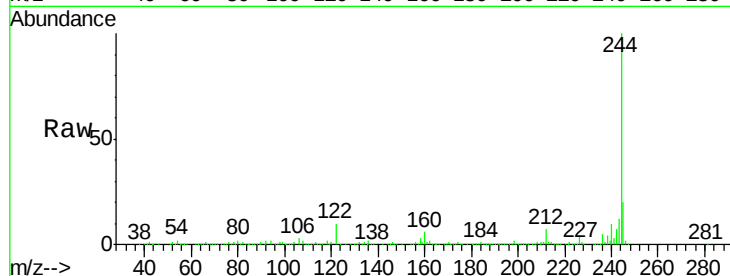
Tot Ion:244 Resp: 1805579

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

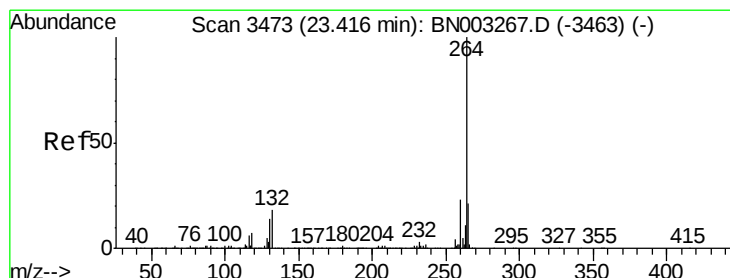
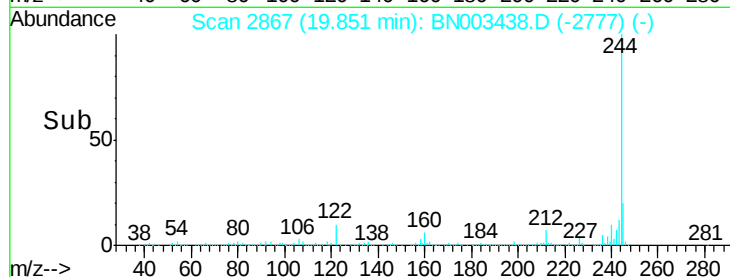
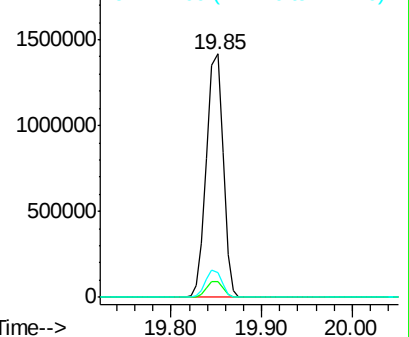
122 10.4 9.4 14.2



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 23.73 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BN003438.D

Acq: 06 Nov 2018 19:09

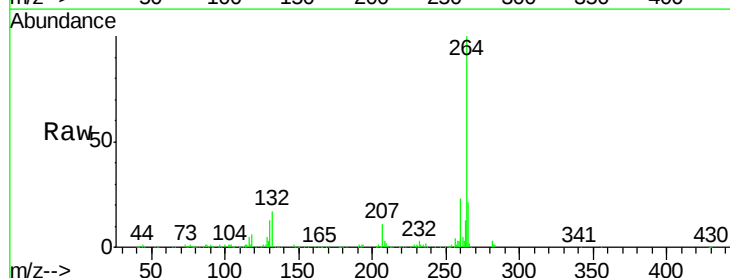
Tgt Ion:264 Resp: 466088

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.4 16.6 25.0



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

