

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003465.D
 Acq On : 07 Nov 2018 23:00
 Operator : MJ/SJ
 Sample : J5829-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 14:34:03 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	97939	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	441649	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	267979	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	587881	20.00	ng	0.00
76) Chrysene-d12	21.40	240	463555	20.00	ng	0.00
87) Perylene-d12	23.72	264	457080	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	242485	43.12	ng	0.00
7) Phenol-d6	7.00	99	196031	24.52	ng	-0.01
23) Nitrobenzene-d5	9.02	82	698063	90.65	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	390356	108.18	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1930830	97.73	ng	0.00
79) Terphenyl-d14	19.84	244	2316210	106.86	ng	0.00

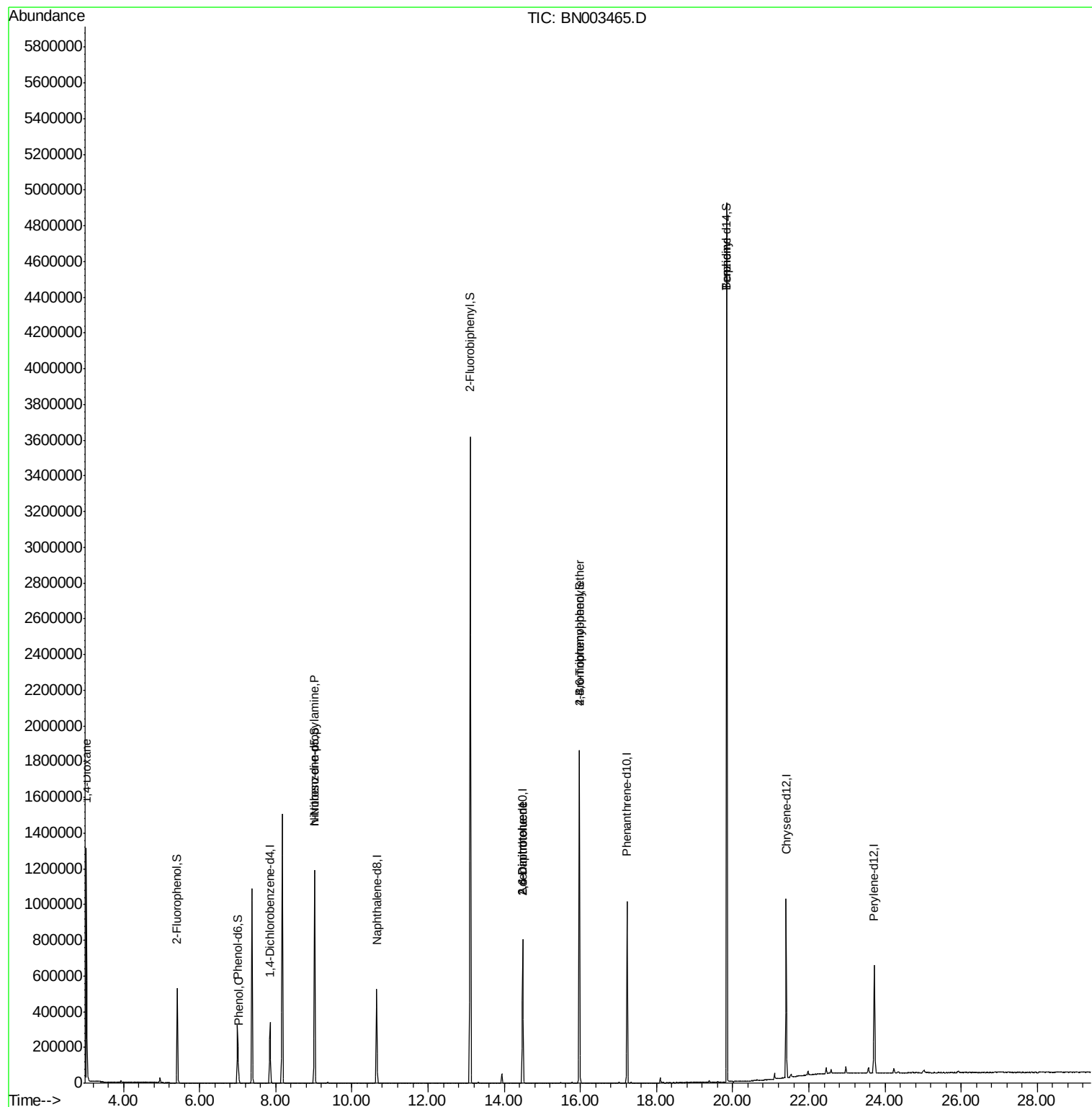
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	10170	3.809	ng	# 1
10) Phenol	7.03	94	24373	2.889	ng	# 95
19) n-Nitroso-di-n-propylamine	9.02	70	88686	15.382	ng	# 76
51) 2,6-Dinitrotoluene	14.49	165	34577	7.031	ng	# 28
57) 2,4-Dinitrotoluene	14.49	165	34577	5.185	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	25169	3.801	ng	# 1
77) Benzidine	19.84	184	27721	2.043	ng	# 94

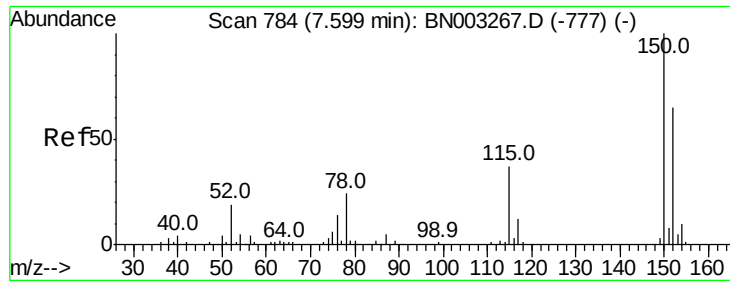
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003465.D
Acq On : 07 Nov 2018 23:00
Operator : MJ/SJ
Sample : J5829-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 08 14:34:03 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



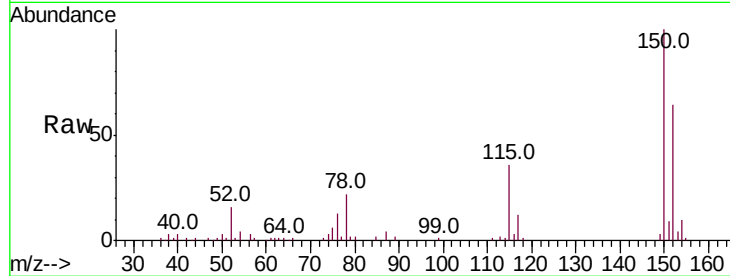


#1

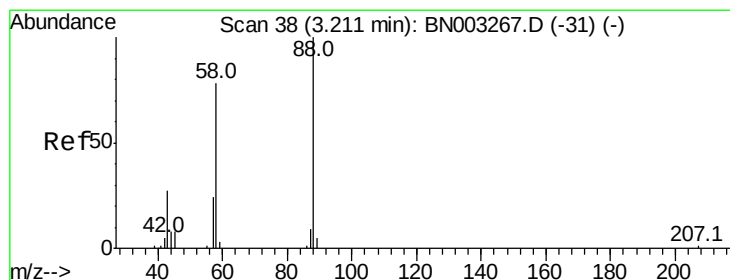
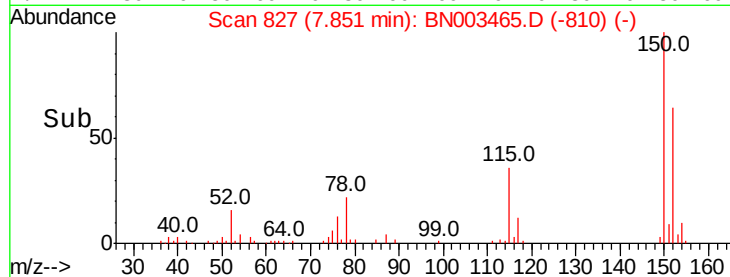
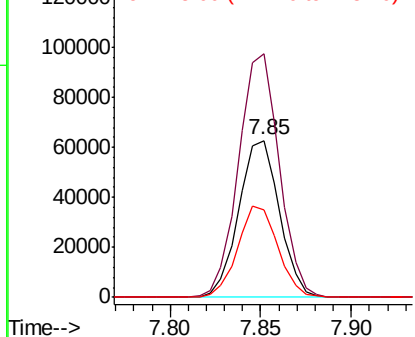
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 97939
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.8
115 55.7 45.9 68.9



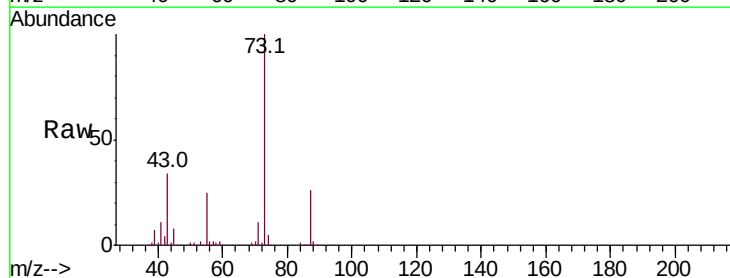
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



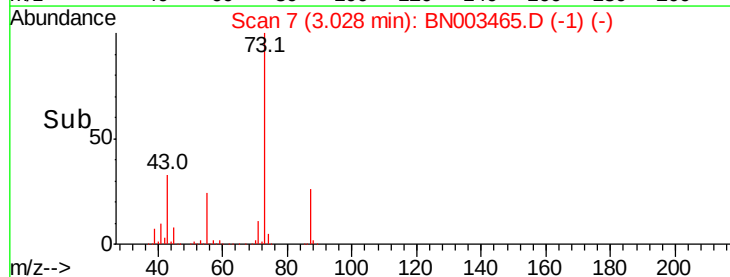
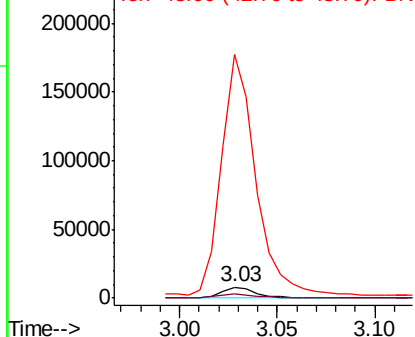
#2

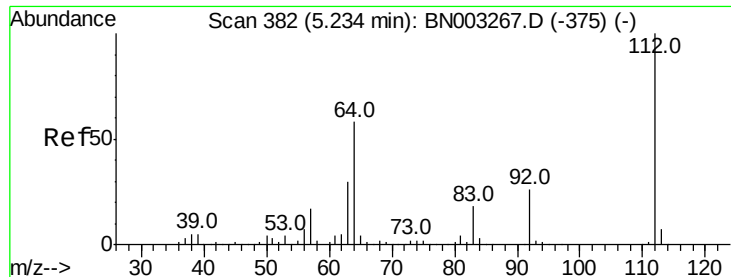
1,4-Dioxane
Concen: 3.809 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 88 Resp: 10170
Ion Ratio Lower Upper
88 100
58 24.1 61.1 91.7#
43 2120.2 22.2 33.4#



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





#5

2-Fluorophenol

Concen: 43.124 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

Instrument :

BNA_N

ClientSampled :

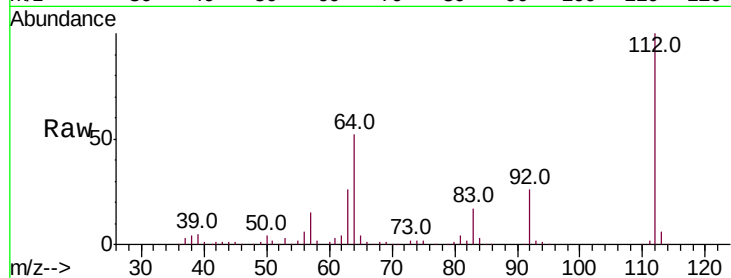
Tot Ion:112 Resp: 242485

Ion Ratio Lower Upper

112 100

64 52.1 46.6 69.8

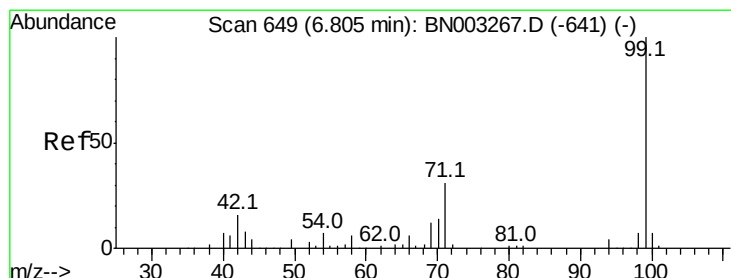
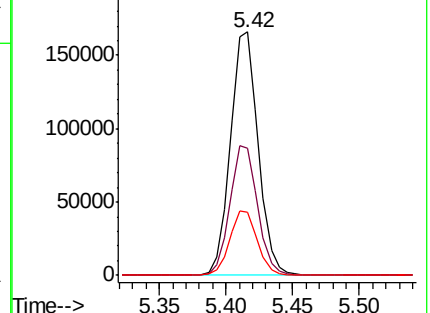
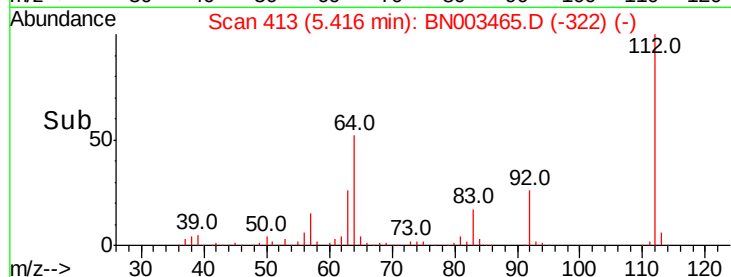
63 25.8 23.8 35.8



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: 24.517 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

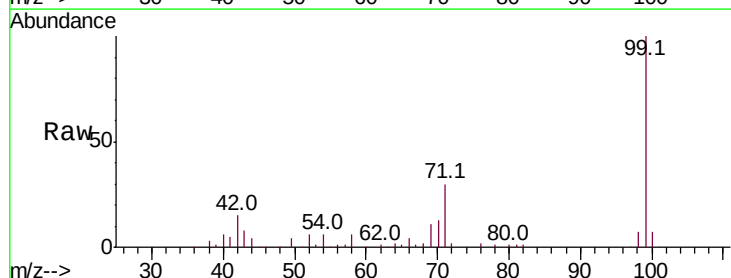
Tgt Ion: 99 Resp: 196031

Ion Ratio Lower Upper

99 100

42 15.1 13.0 19.6

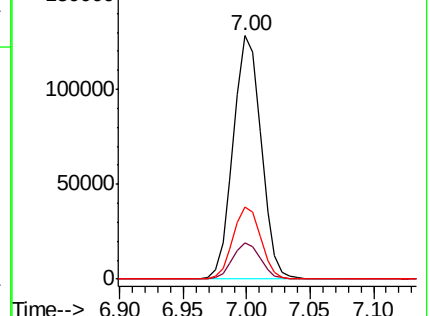
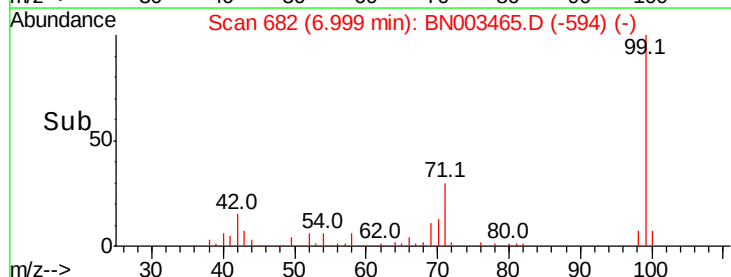
71 29.8 24.5 36.7

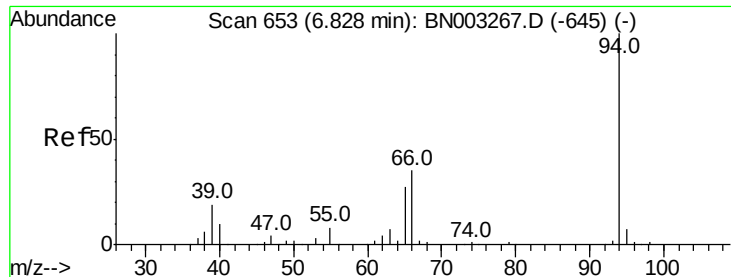


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

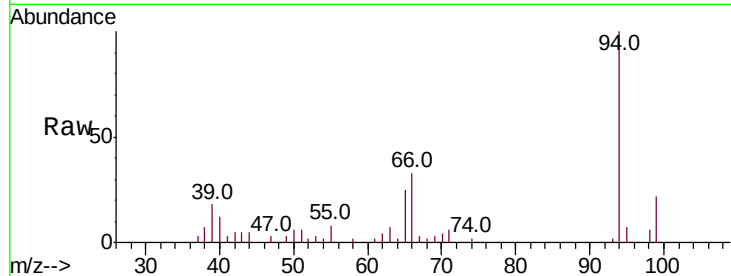




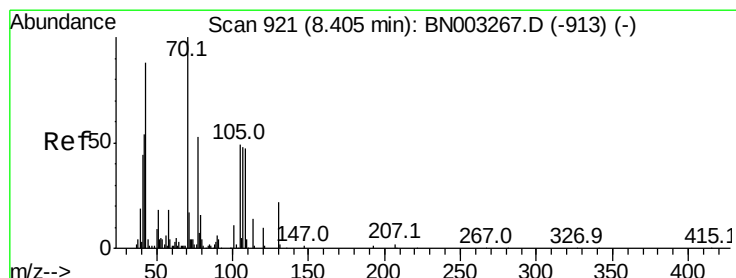
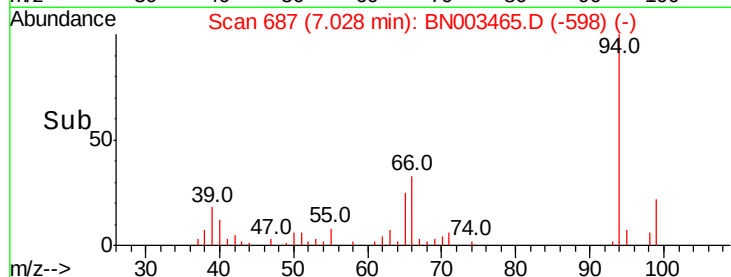
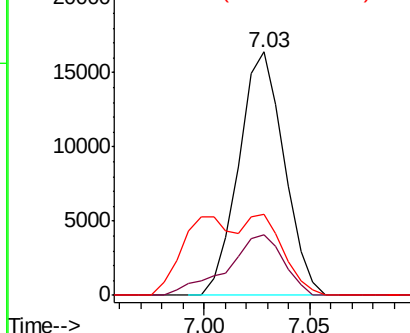
#10
Phenol
Concen: 2.889 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 94 Resp: 24373
Ion Ratio Lower Upper
94 100
65 25.0 7.7 47.7
66 33.2 15.8 55.8

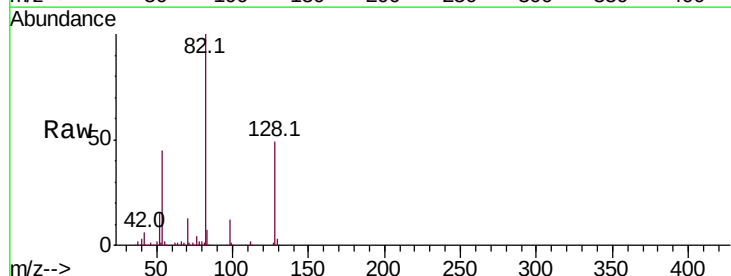


Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

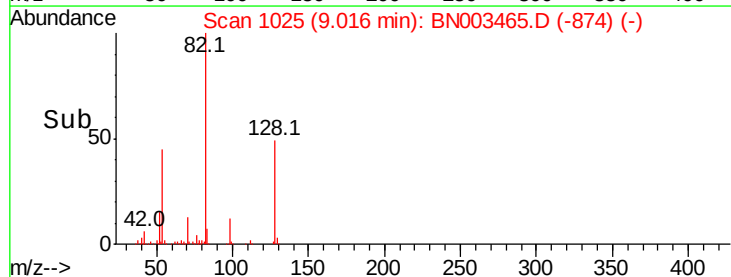
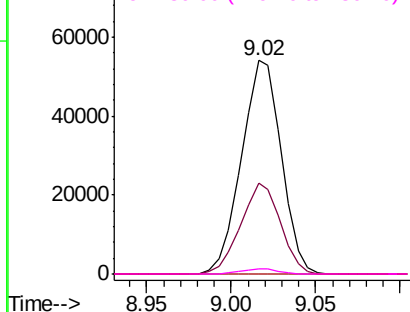


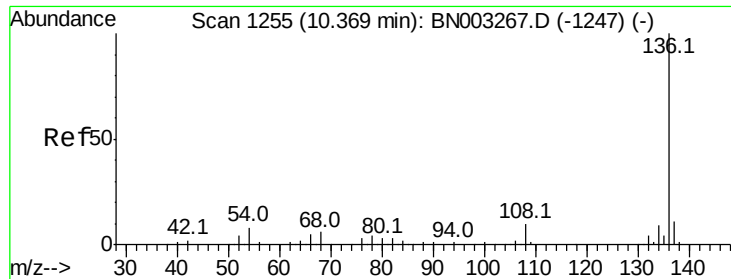
#19
n-Nitroso-di-n-propylamine
Concen: 15.382 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 70 Resp: 88686
Ion Ratio Lower Upper
70 100
42 42.6 43.5 65.3#
101 0.0 8.6 12.8#
130 2.6 18.0 27.0#



Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): BN0
Ion 130.00 (129.70 to 130.70): BN0

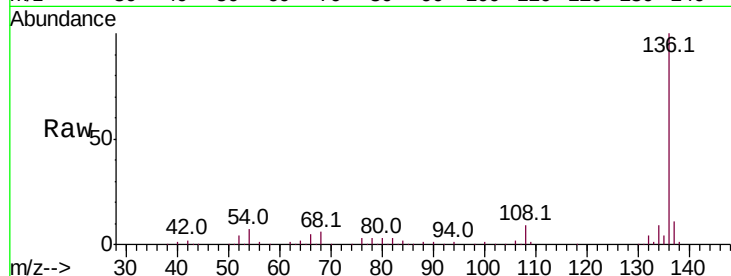




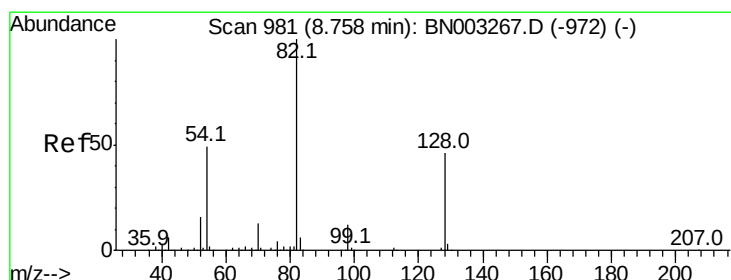
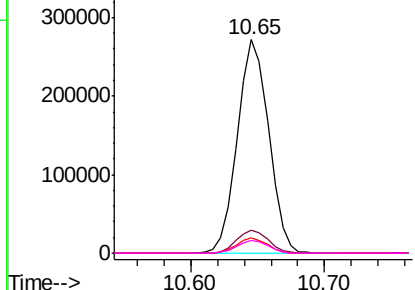
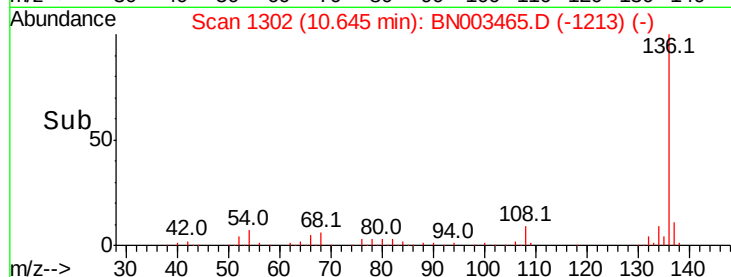
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	441649
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	7.2	6.6 10.0
68	5.9	4.6 7.0

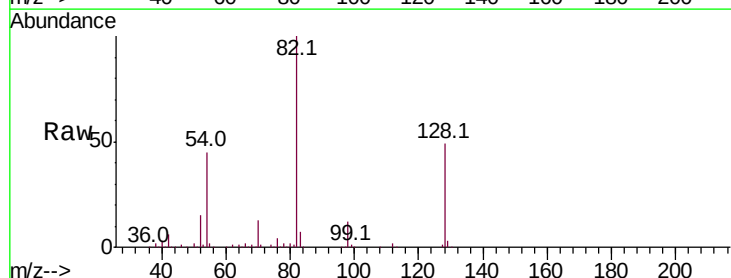


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

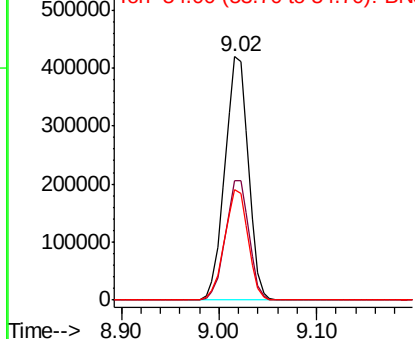
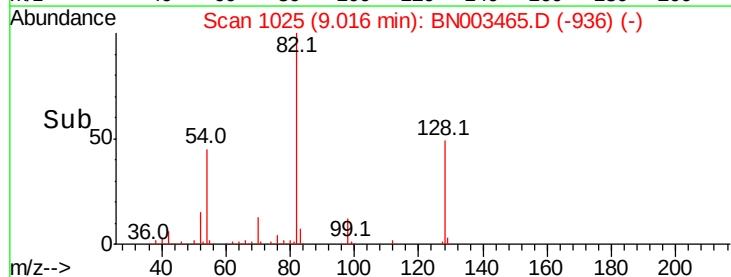


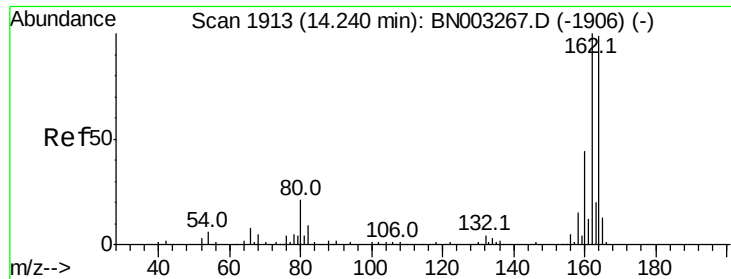
#23
Nitrobenzene-d5
Concen: 90.645 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 82	Resp:	698063
Ion	Ratio	Lower Upper
82	100	
128	49.1	37.1 55.7
54	45.2	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: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

Instrument :

BNA_N

ClientSampleId :

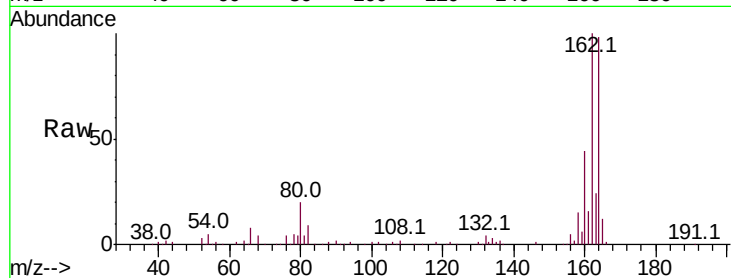
Tot Ion:164 Resp: 267979

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

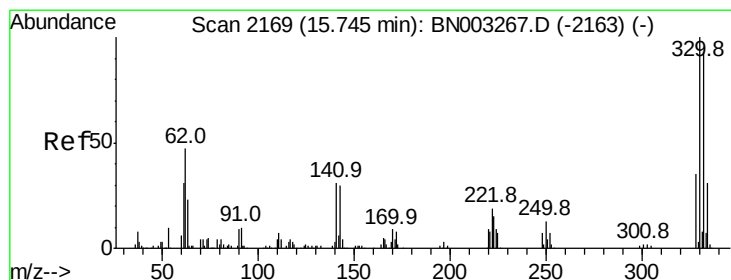
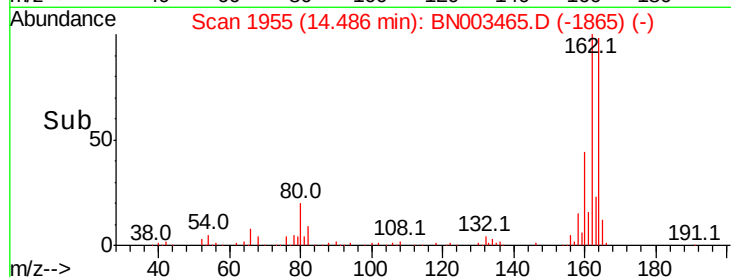
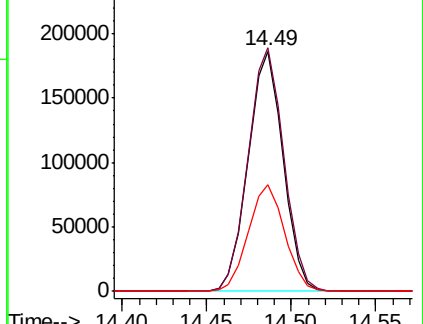
160 44.7 35.5 53.3



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: 108.179 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

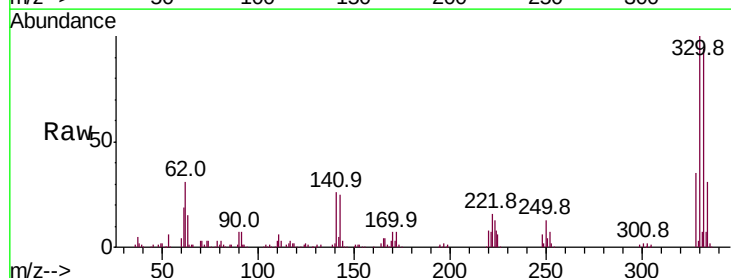
Tgt Ion:330 Resp: 390356

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

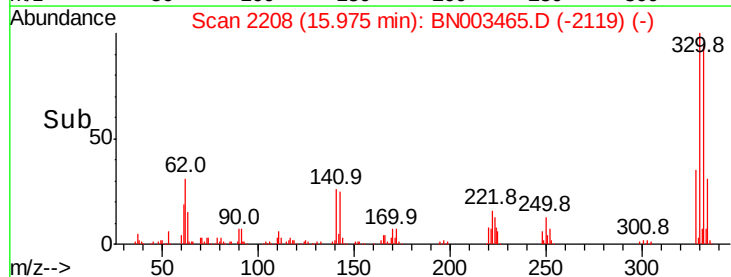
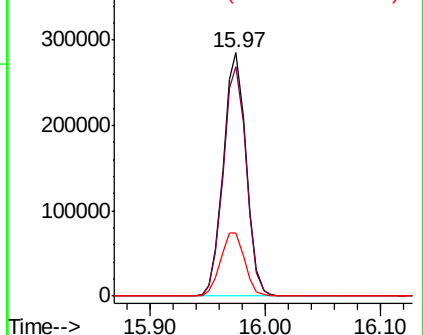
141 27.5 24.5 36.7

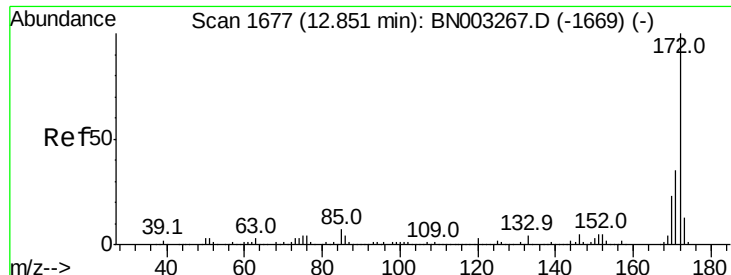


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



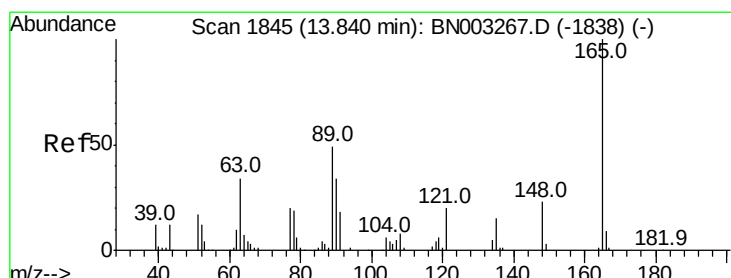
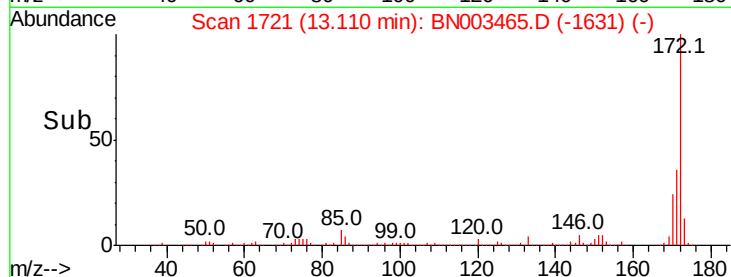
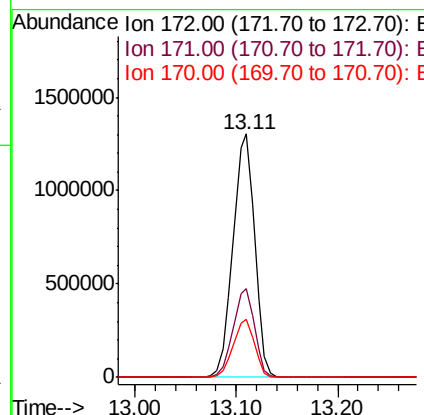
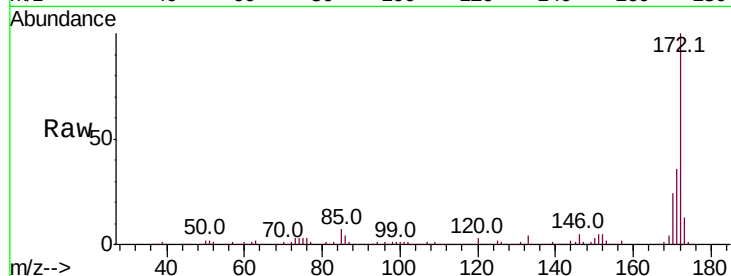


#45
 2-Fluorobiphenyl
 Concen: 97.733 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BN003465.D
 Acq: 07 Nov 2018 23:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1930830

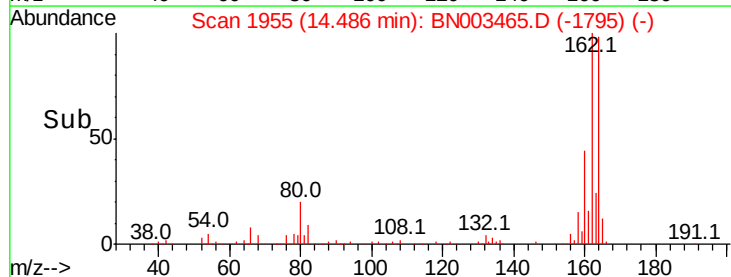
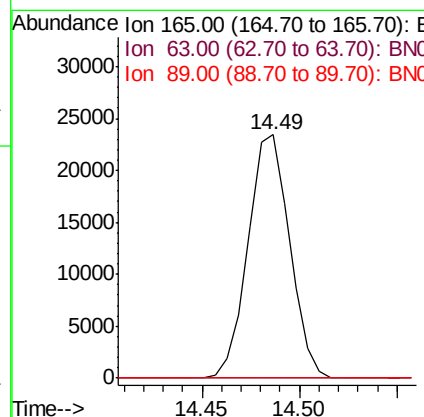
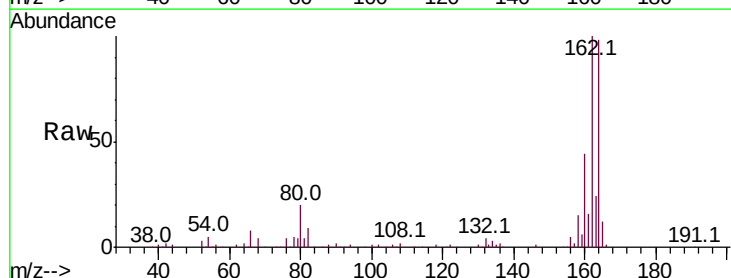
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.6	18.4	27.6

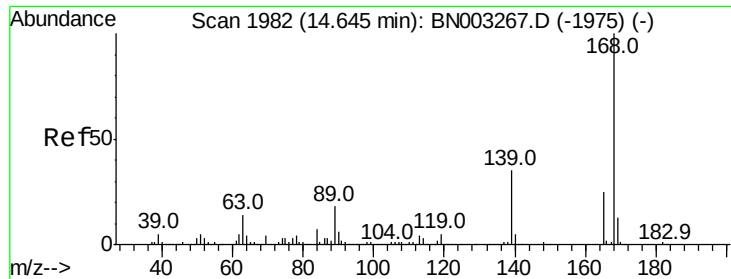


#51
 2,6-Dinitrotoluene
 Concen: 7.031 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003465.D
 Acq: 07 Nov 2018 23:00

Tgt Ion:165 Resp: 34577

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

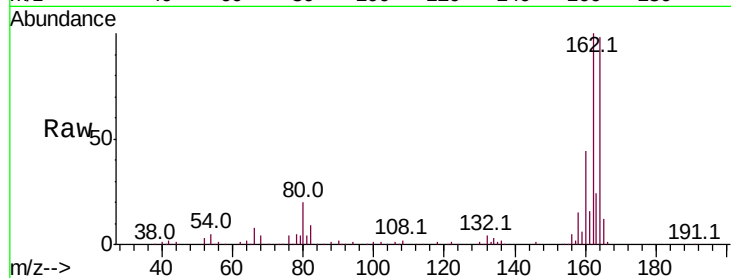




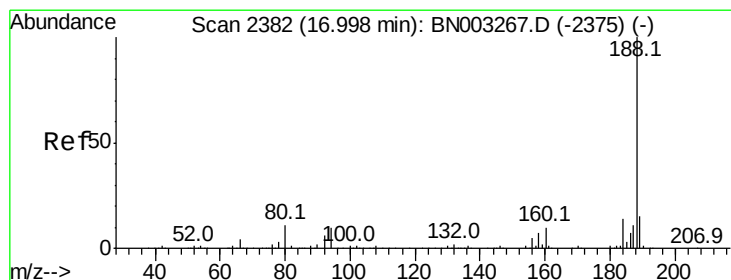
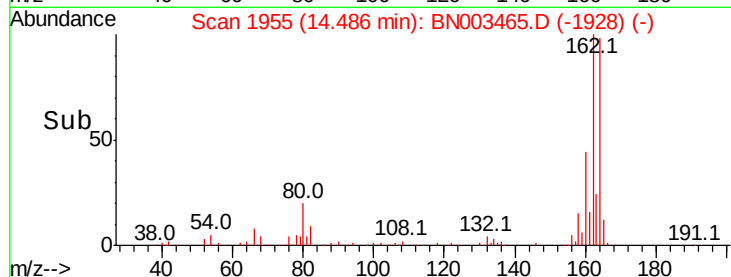
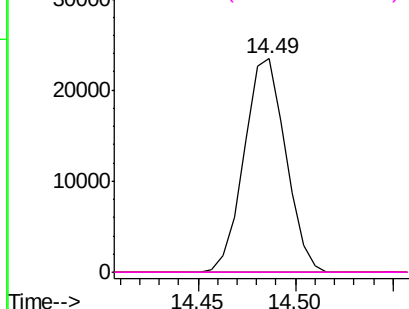
#57
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003465.D
 Acq: 07 Nov 2018 23:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 34577
 Ion Ratio Lower Upper
 165 100
 63 0.0 45.8 68.6#
 89 0.0 58.7 88.1#
 182 0.0 2.3 3.5#

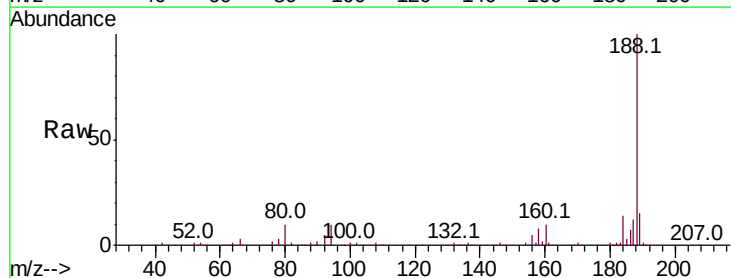


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

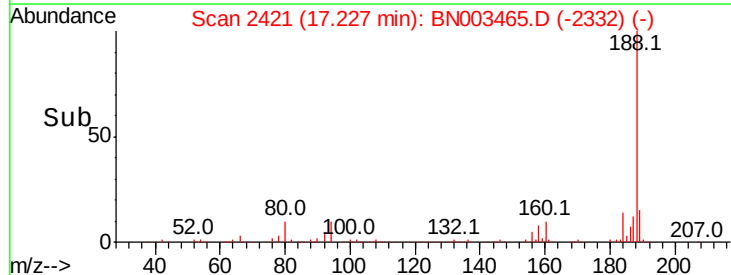
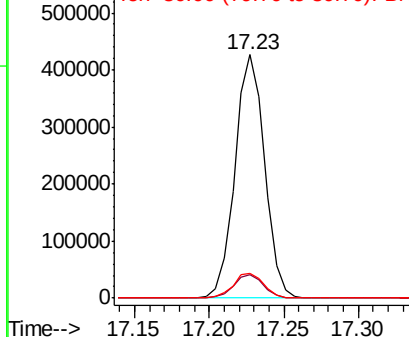


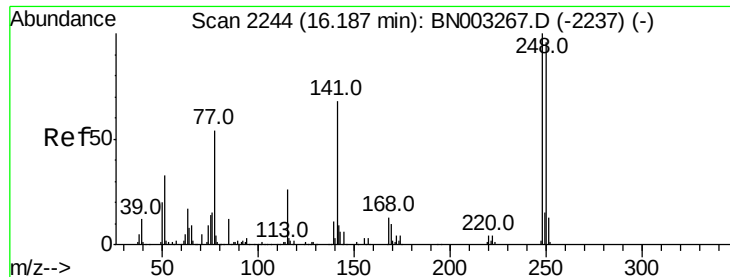
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003465.D
 Acq: 07 Nov 2018 23:00

Tgt Ion:188 Resp: 587881
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.3 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: 3.801 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

Instrument :

BNA_N

ClientSampled :

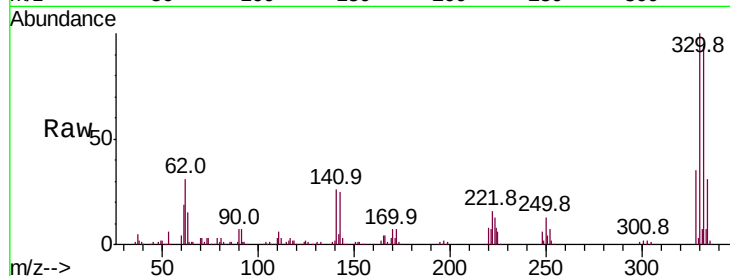
Tot Ion:248 Resp: 25169

Ion Ratio Lower Upper

248 100

250 206.3 76.4 114.6#

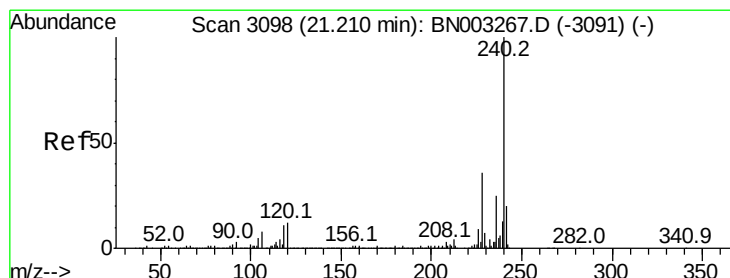
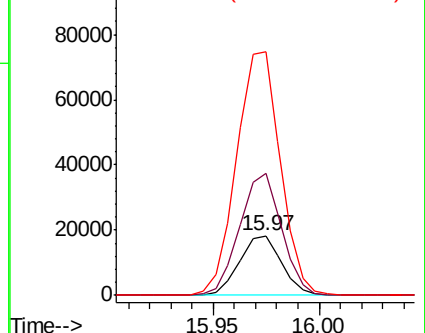
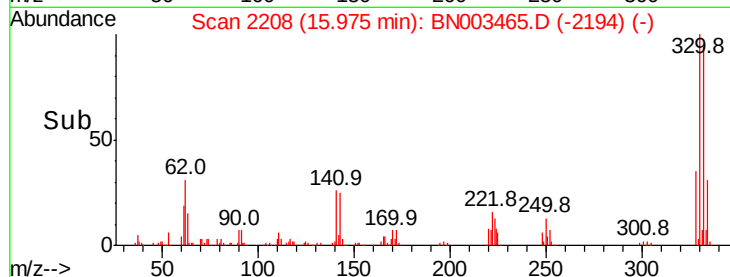
141 409.7 54.2 81.4#



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: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

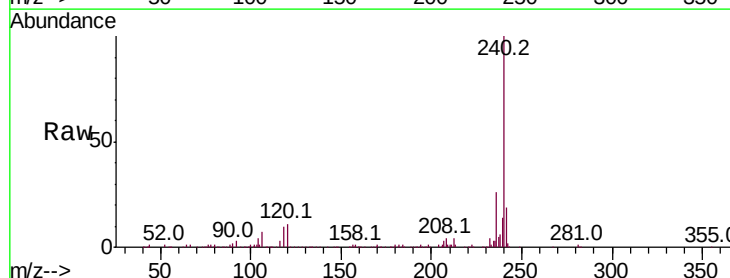
Tgt Ion:240 Resp: 463555

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

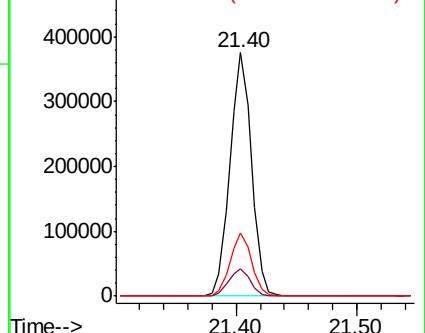
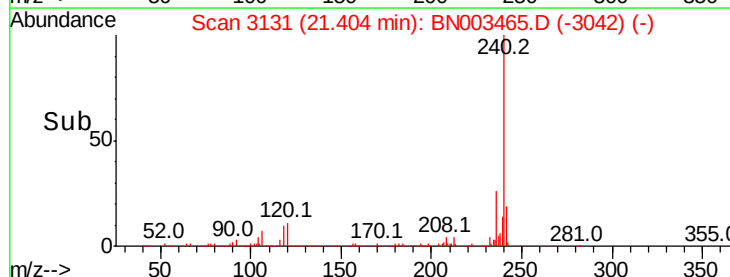
236 25.7 20.3 30.5

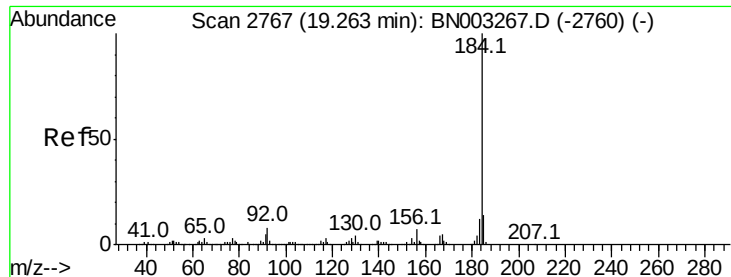


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.043 ng

RT: 19.84 min Scan# 2866

Delta R.T. 0.37 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

Instrument :

BNA_N

ClientSampleId :

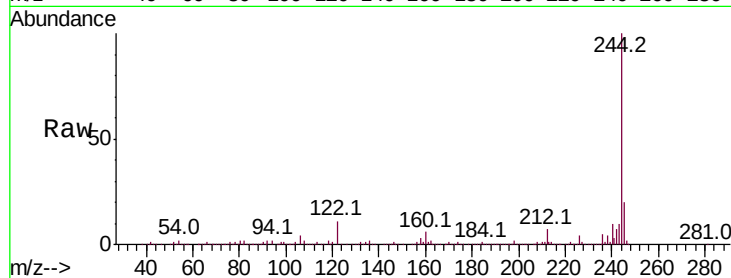
Tot Ion:184 Resp: 27721

Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

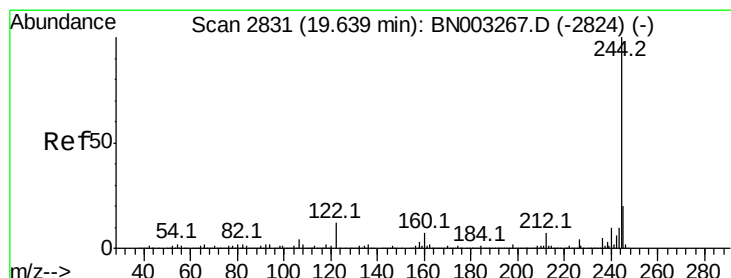
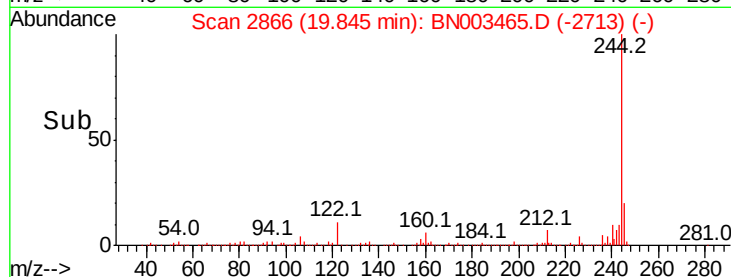
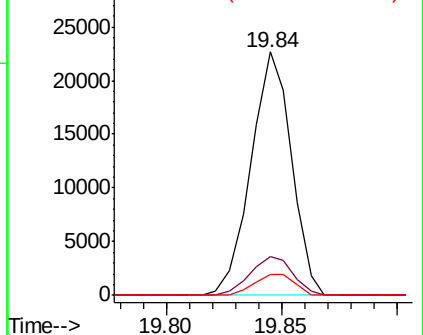
183 8.5 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 106.855 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003465.D

Acq: 07 Nov 2018 23:00

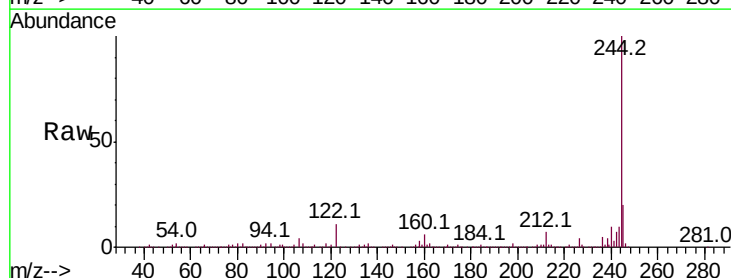
Tgt Ion:244 Resp: 2316210

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

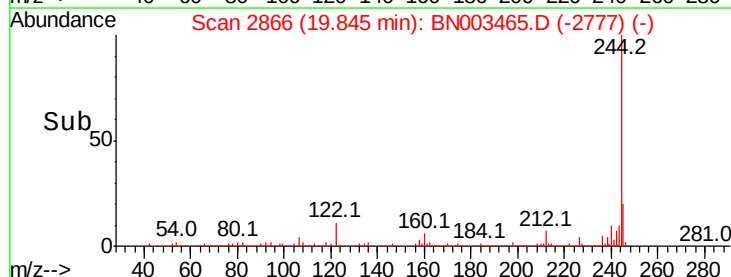
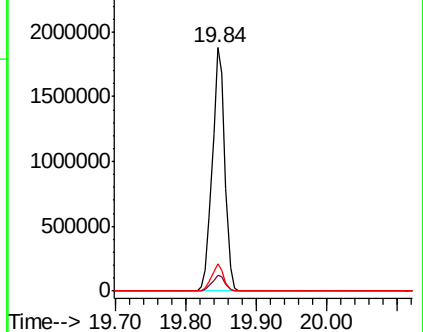
122 11.0 9.4 14.2

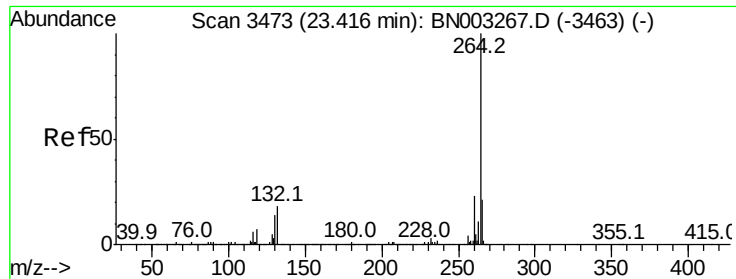


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

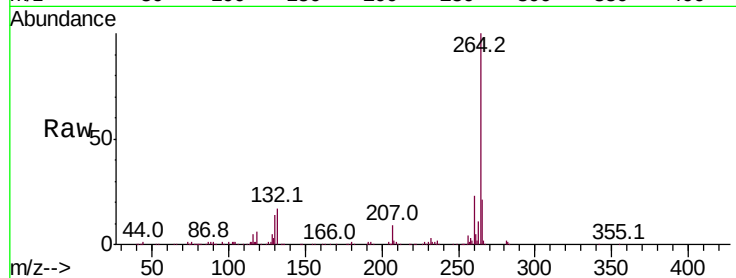




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.5	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

