

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003447.D
 Acq On : 07 Nov 2018 00:24
 Operator : MJ/SJ
 Sample : J5827-50
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:30:18 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

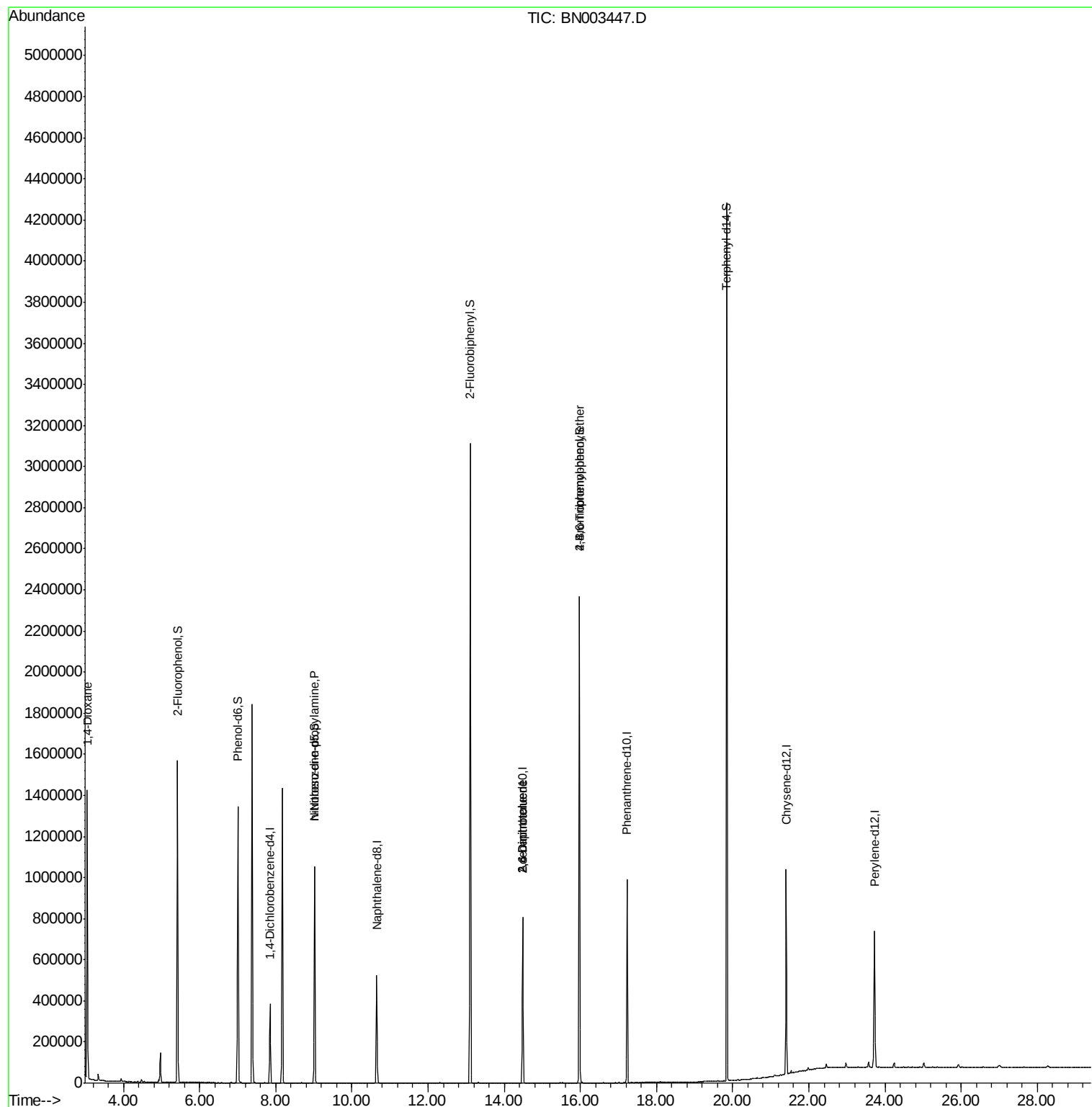
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108993	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	451062	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	260987	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	555864	20.00	ng	0.00
76) Chrysene-d12	21.40	240	456948	20.00	ng	0.00
87) Perylene-d12	23.72	264	474818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	707140	113.00	ng	0.00
7) Phenol-d6	7.01	99	833109	93.63	ng	0.00
23) Nitrobenzene-d5	9.02	82	618454	78.63	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	485443	138.13	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1675316	87.07	ng	0.00
79) Terphenyl-d14	19.85	244	2087566	97.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	11006	3.70	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	78194	12.19	ng	# 75
51) 2,6-Dinitrotoluene	14.49	165	33693	7.03	ng	# 29
57) 2,4-Dinitrotoluene	14.49	165	33693	5.19	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	31714	5.07	ng	# 1

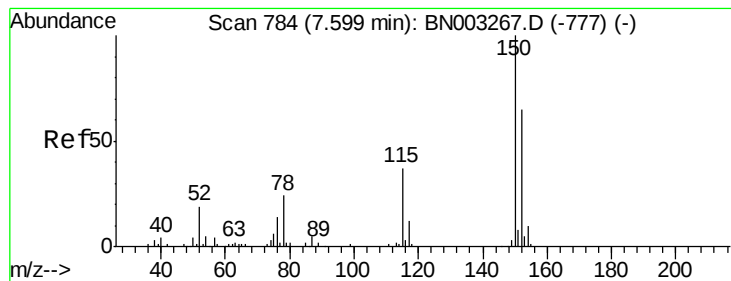
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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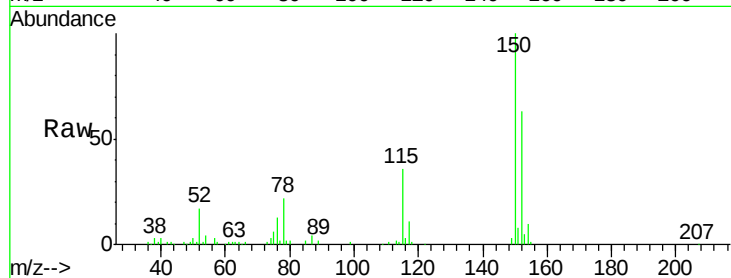


#1

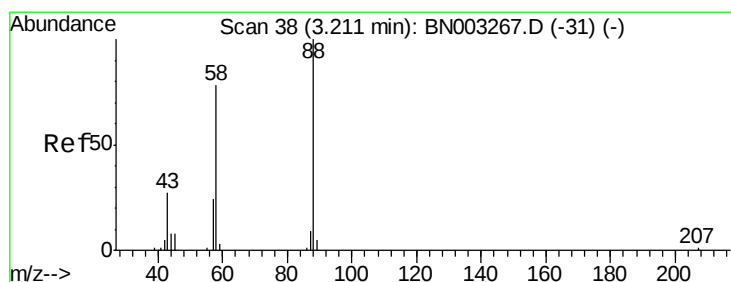
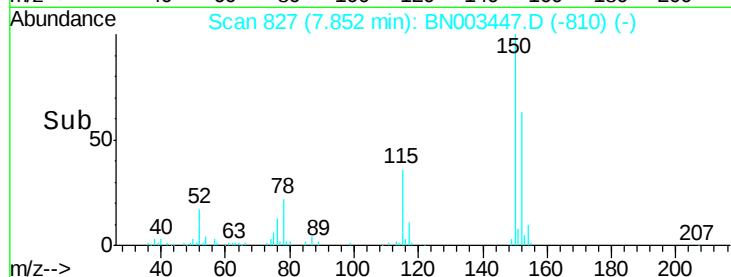
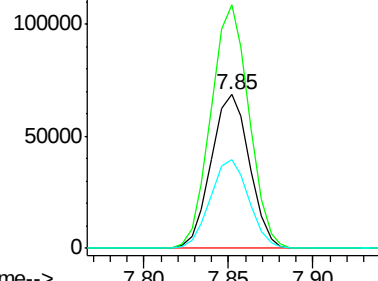
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003447.D
Acq: 07 Nov 2018 00:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.8
115	57.8	45.9	68.9



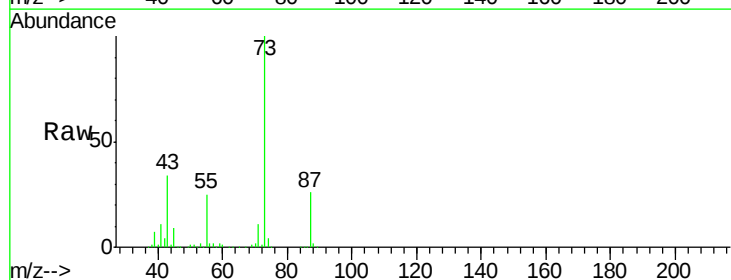
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



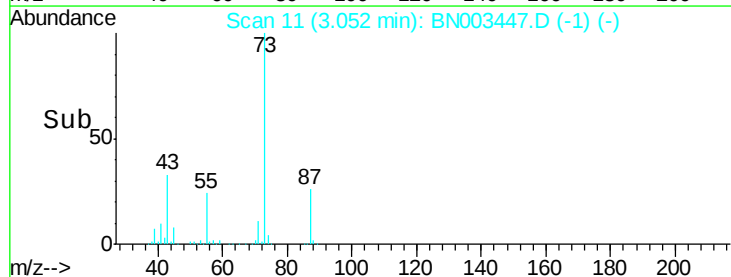
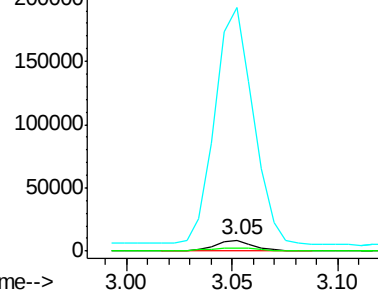
#2

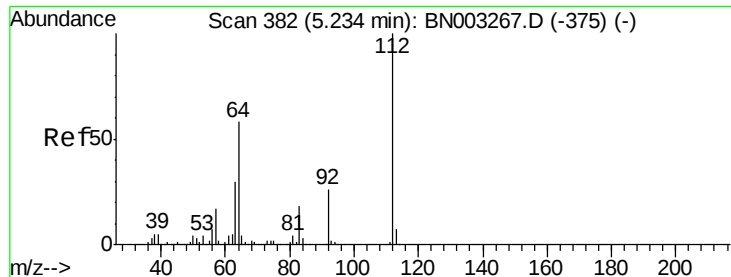
1,4-Dioxane
Concen: 3.70 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003447.D
Acq: 07 Nov 2018 00:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	27.2	61.1	91.7#
43	2173.3	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: 113.00 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

Instrument :

BNA_N

ClientSampleId :

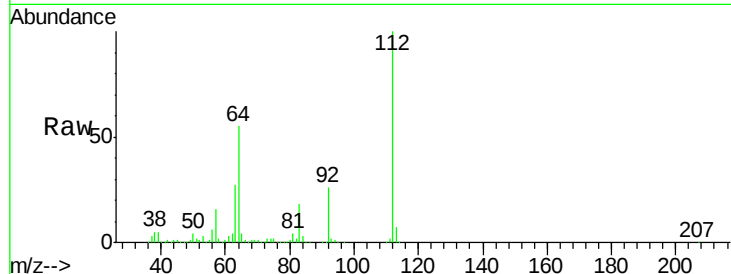
Tot Ion:112 Resp: 707140

Ion Ratio Lower Upper

112 100

64 54.5 46.6 69.8

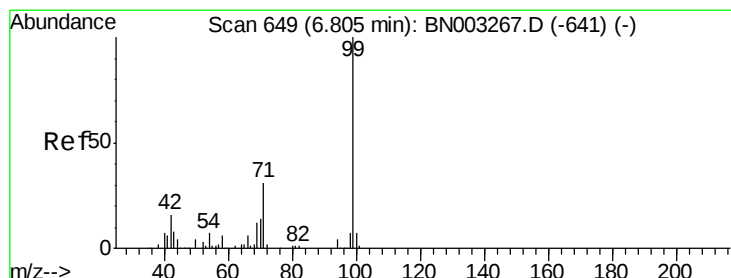
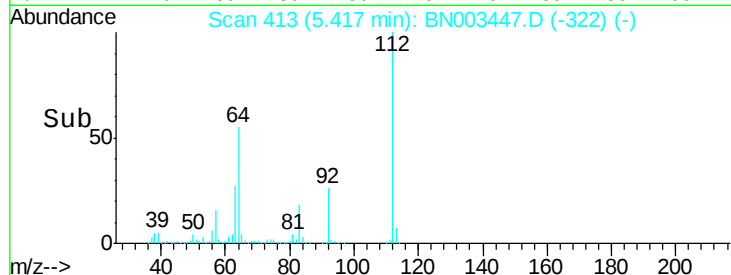
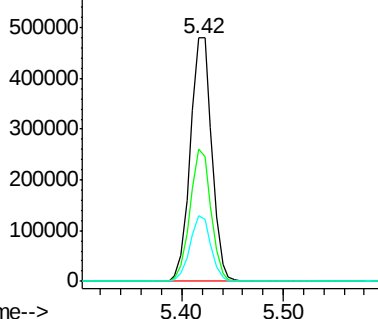
63 27.1 23.8 35.8



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: 93.63 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

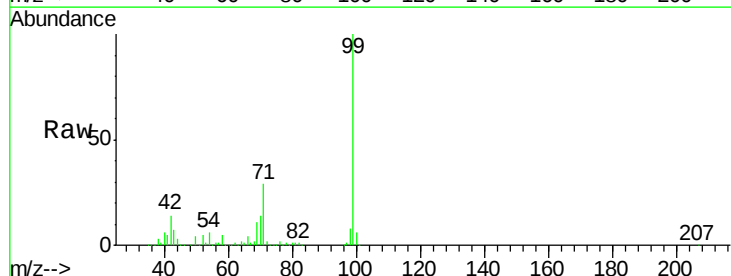
Tgt Ion: 99 Resp: 833109

Ion Ratio Lower Upper

99 100

42 14.3 13.0 19.6

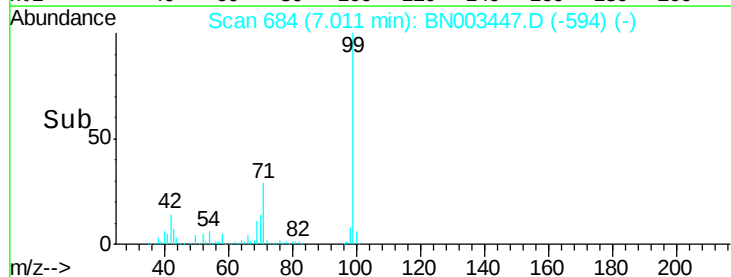
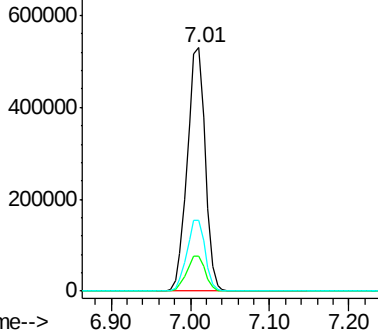
71 29.1 24.5 36.7

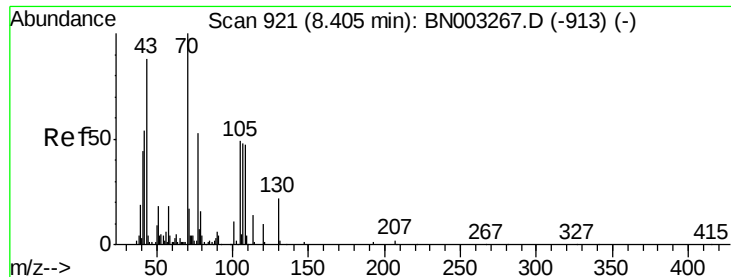


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

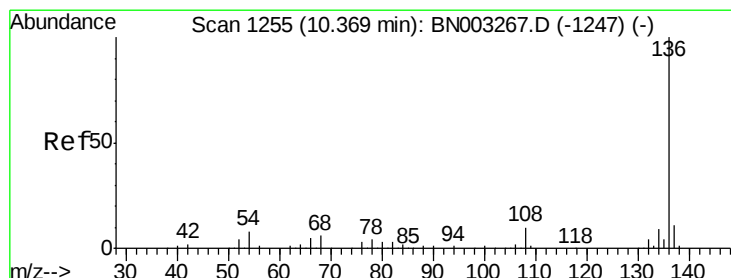
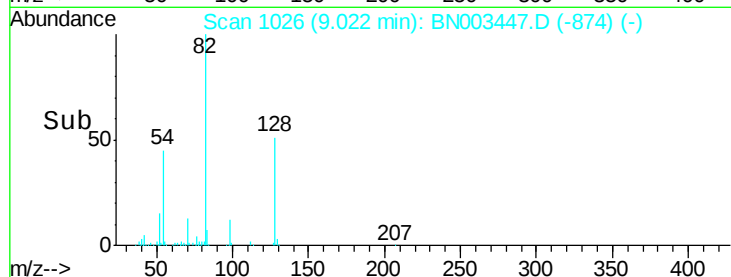
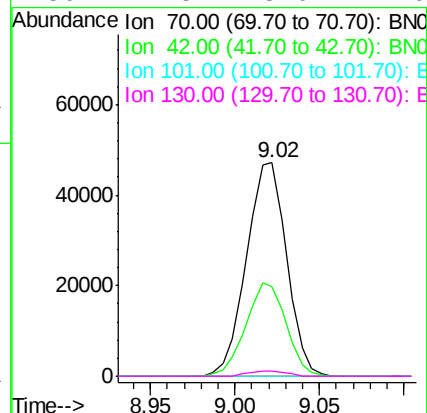
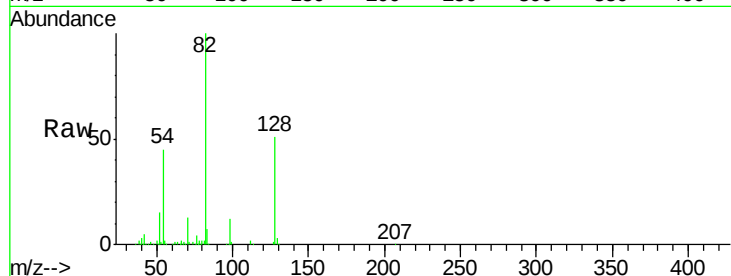




#19
n-Nitroso-di-n-propylamine
Concen: 12.19 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003447.D
Acq: 07 Nov 2018 00:24

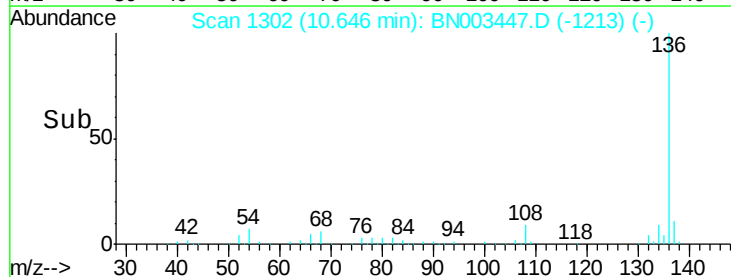
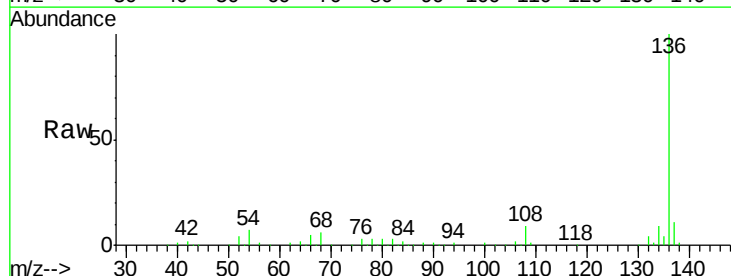
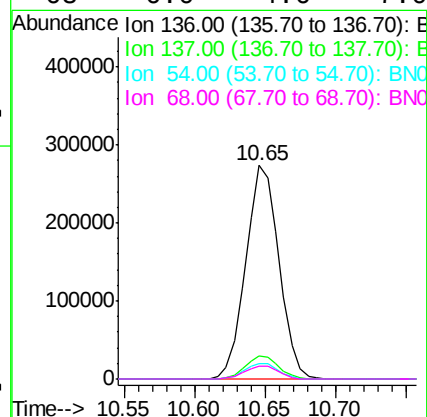
Instrument :
BNA_N
ClientSampleId :

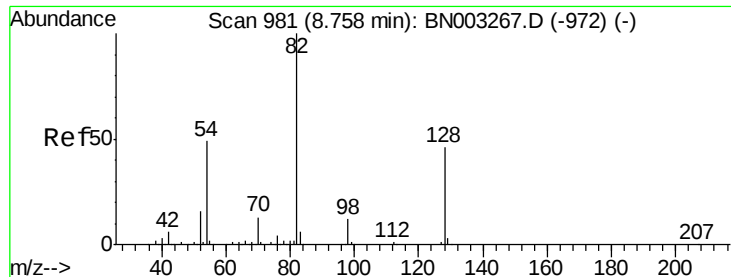
Tot Ion: 70 Resp: 78194
Ion Ratio Lower Upper
70 100
42 42.1 43.5 65.3#
101 0.0 8.6 12.8#
130 2.5 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003447.D
Acq: 07 Nov 2018 00:24

Tgt Ion: 136 Resp: 451062
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.1 6.6 10.0
68 6.0 4.6 7.0

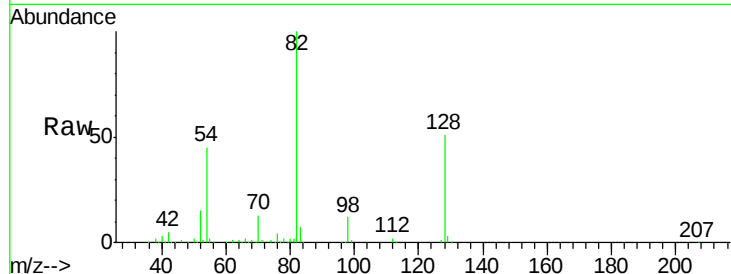




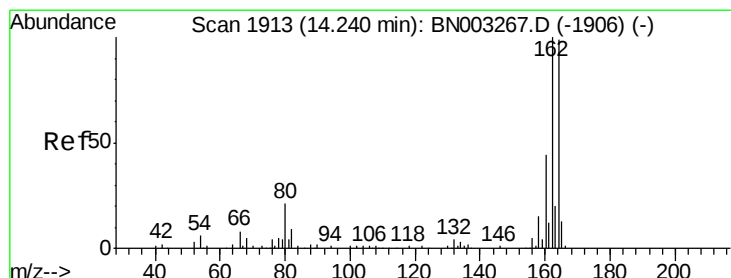
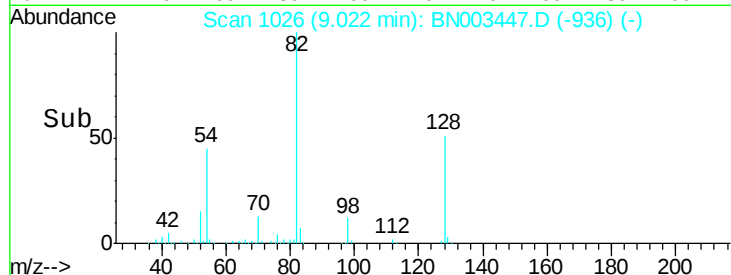
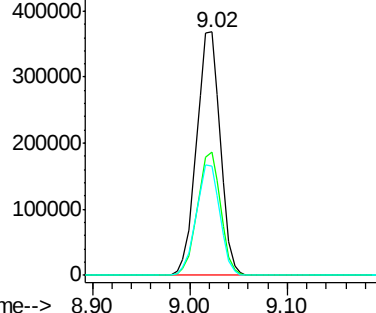
#23
 Nitrobenzene-d5
 Concen: 78.63 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	82	Resp	618454
Ion Ratio	100	Lower	Upper
128	50.9	37.1	55.7
54	45.1	39.4	59.2

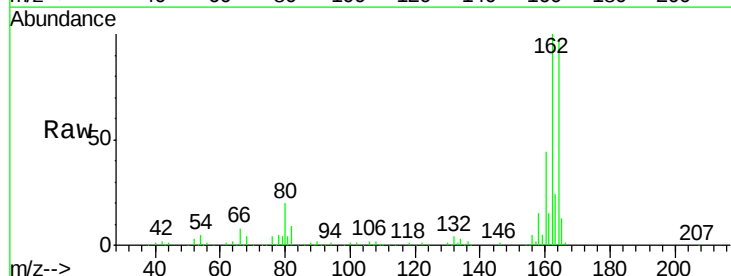


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

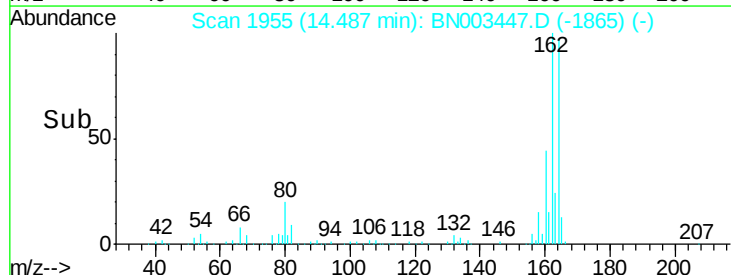
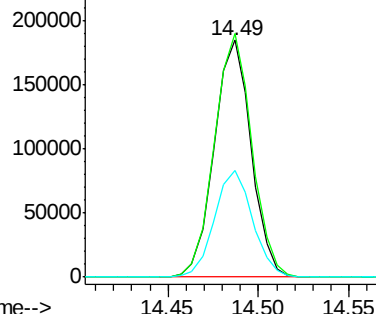


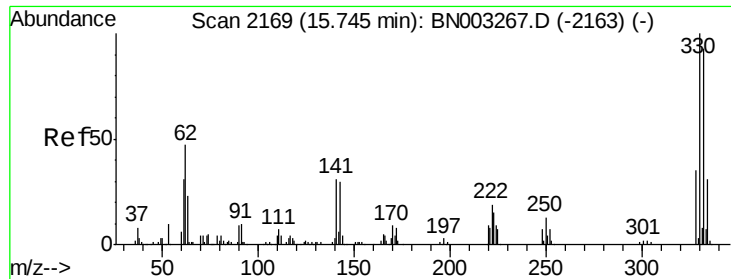
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

Tgt Ion	164	Resp	260987
Ion Ratio	100	Lower	Upper
162	102.8	80.8	121.2
160	45.1	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: 138.13 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

Instrument :

BNA_N

ClientSampled :

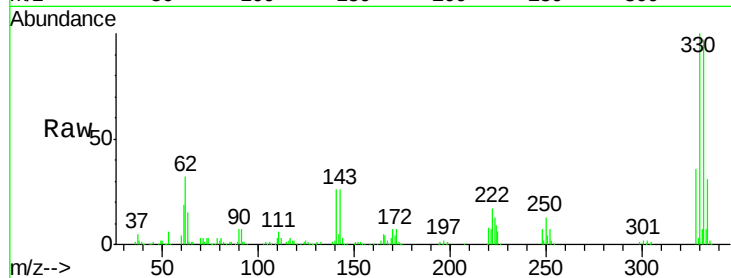
Tot Ion:330 Resp: 485443

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

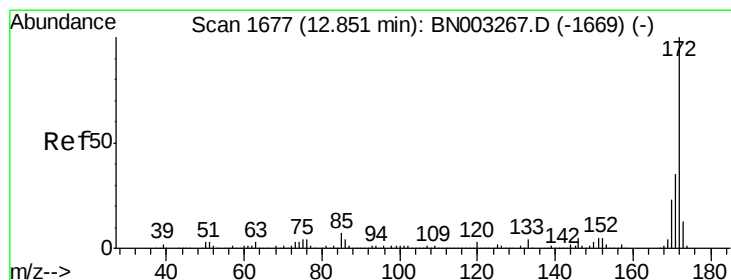
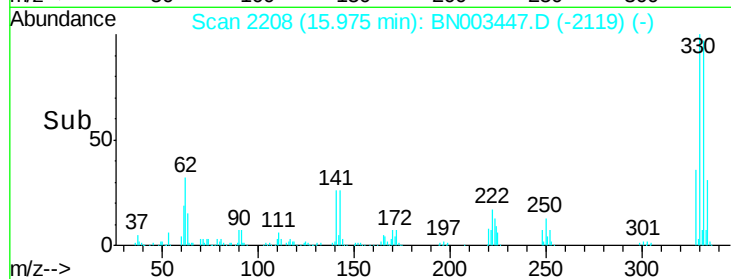
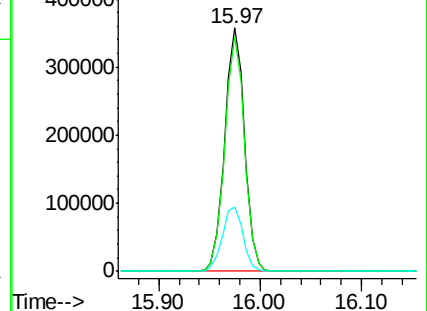
141 27.5 24.5 36.7



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: 87.07 ng

RT: 13.11 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

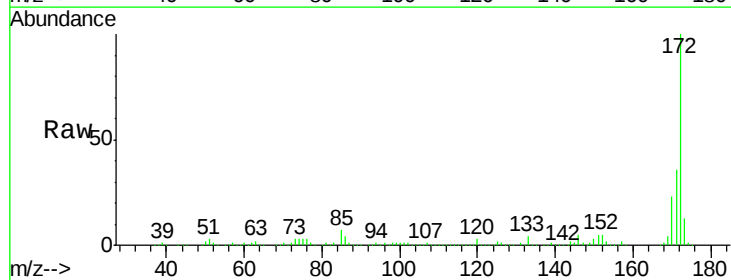
Tgt Ion:172 Resp: 1675316

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

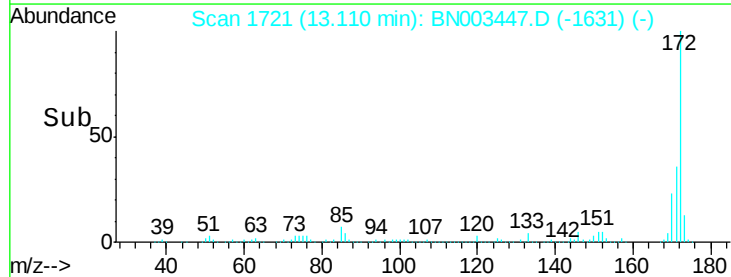
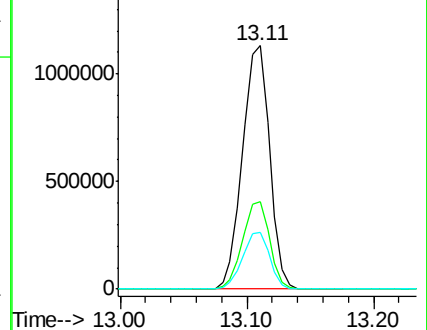
170 23.3 18.4 27.6

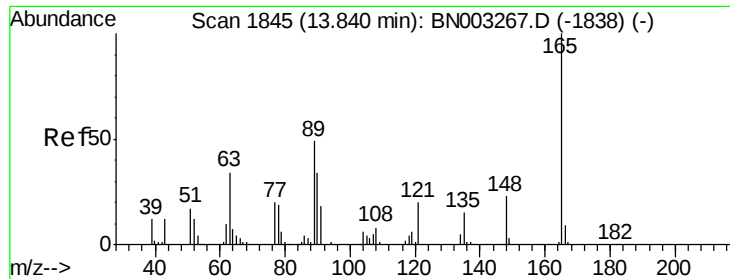


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

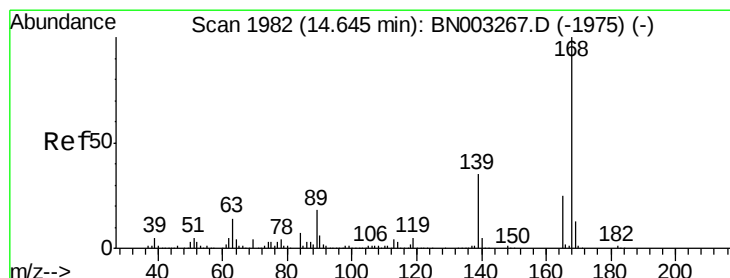
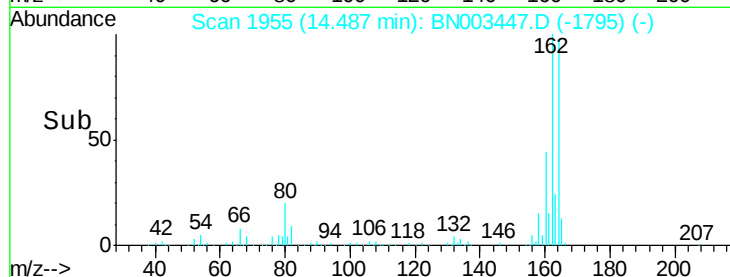
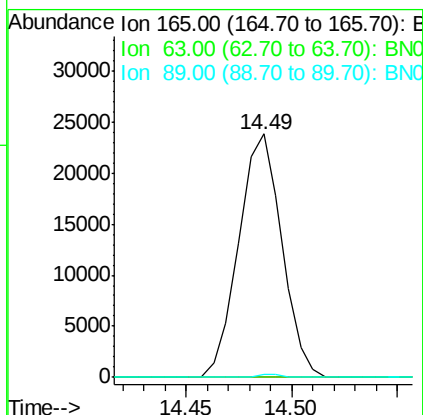
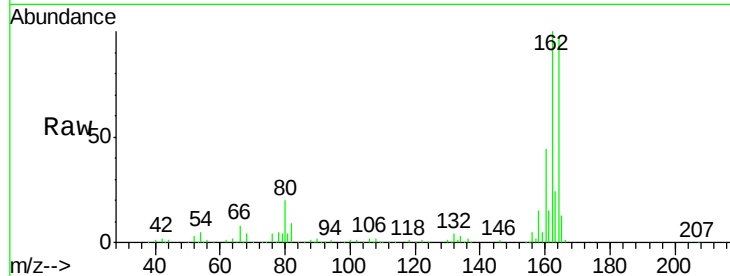




#51
 2,6-Dinitrotoluene
 Concen: 7.03 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

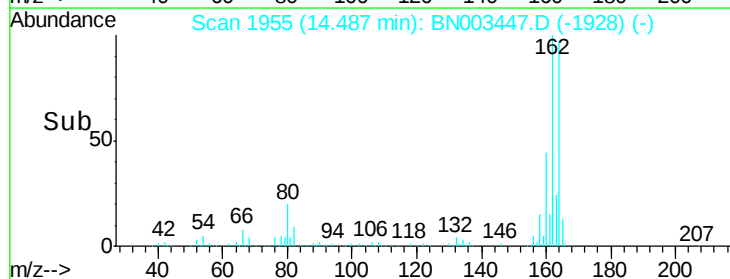
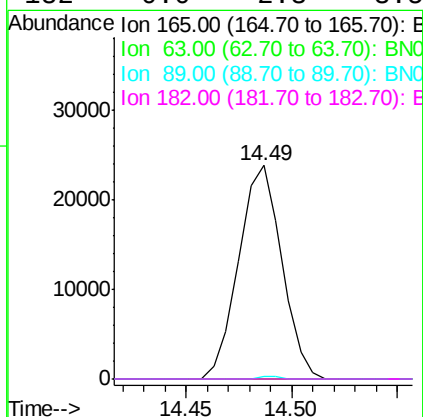
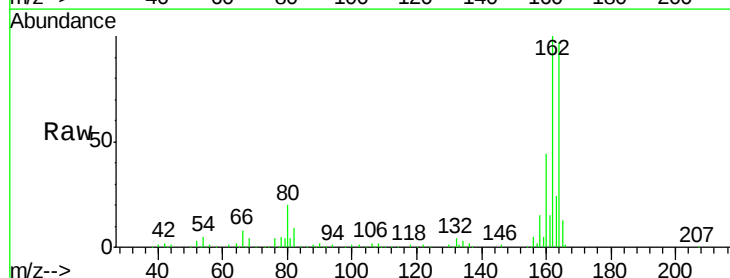
Instrument :
 BNA_N
 ClientSampleId :

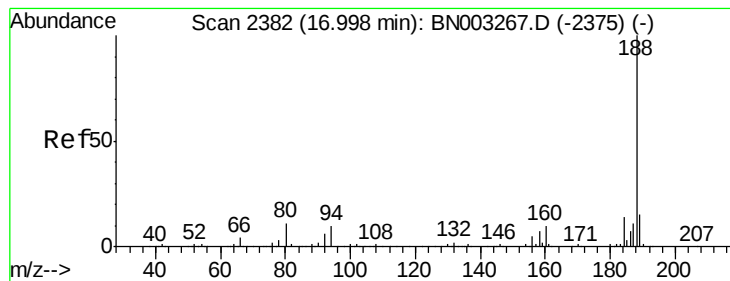
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	1.4	38.9	58.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.19 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.6#
89	1.4	58.7	88.1#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

Instrument :

BNA_N

ClientSampled :

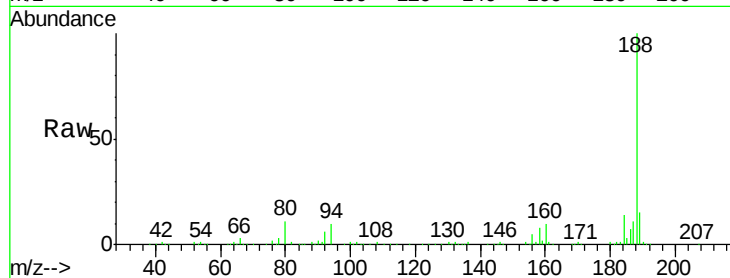
Tot Ion:188 Resp: 555864

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

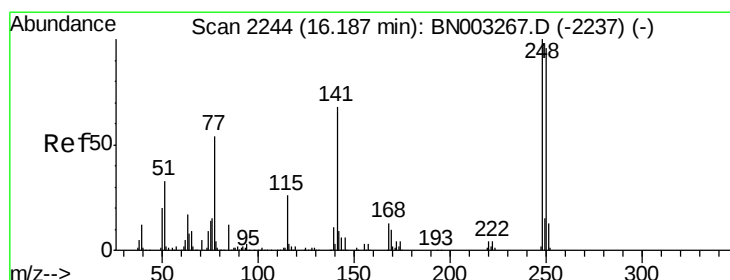
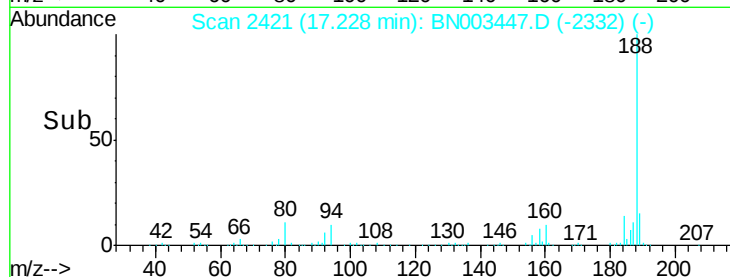
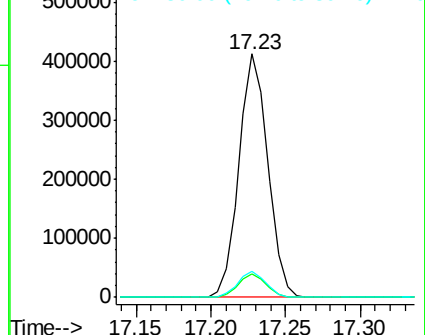
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#67

4-Bromophenyl-phenylether

Concen: 5.07 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003447.D

Acq: 07 Nov 2018 00:24

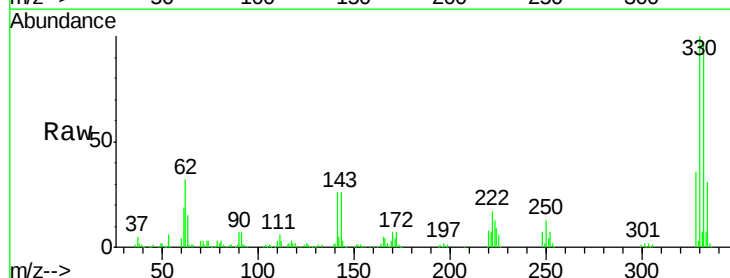
Tgt Ion:248 Resp: 31714

Ion Ratio Lower Upper

248 100

250 196.3 76.4 114.6#

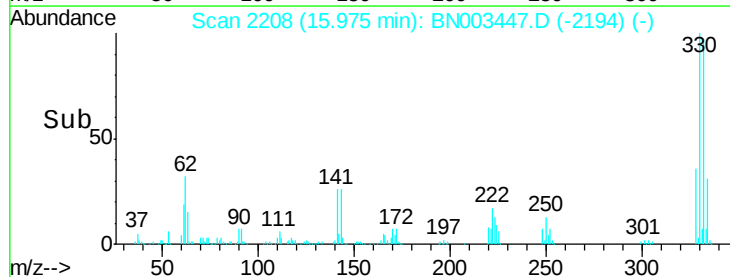
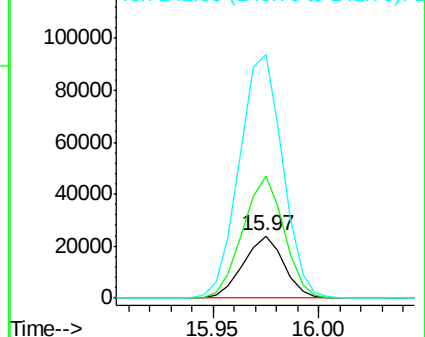
141 389.9 54.2 81.4#

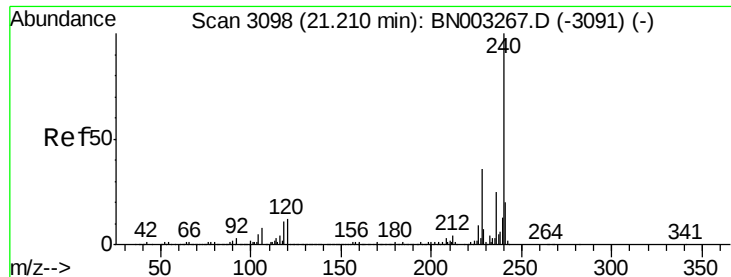


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

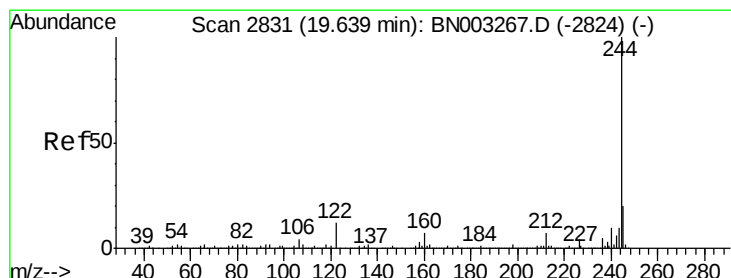
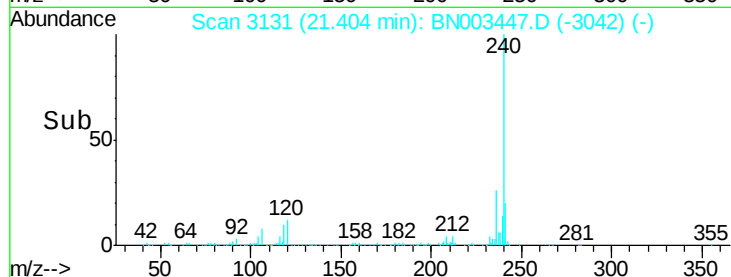
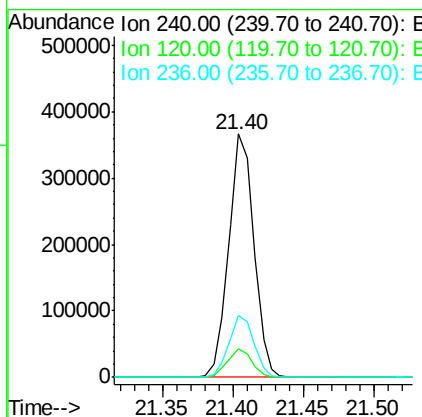
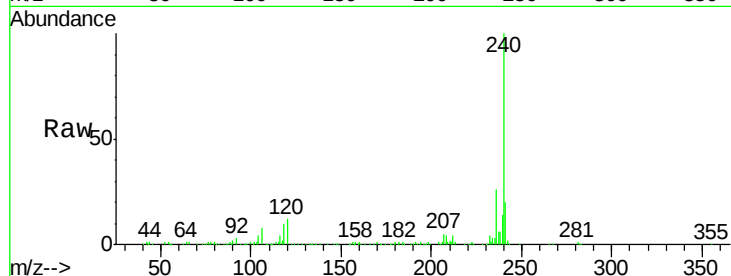




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

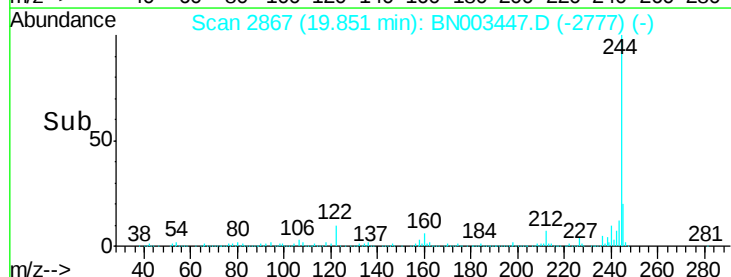
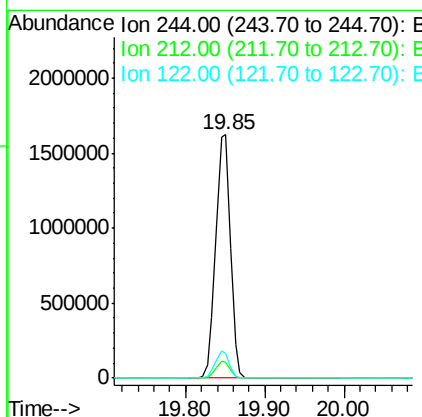
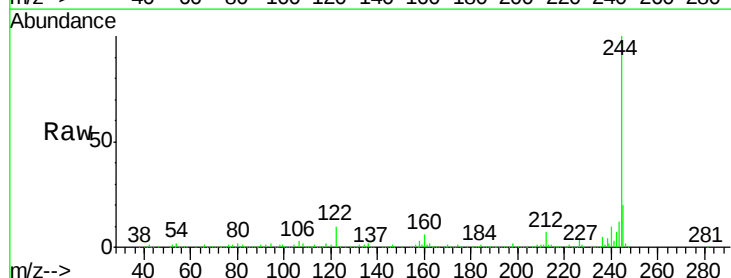
Instrument :
 BNA_N
 ClientSampled :

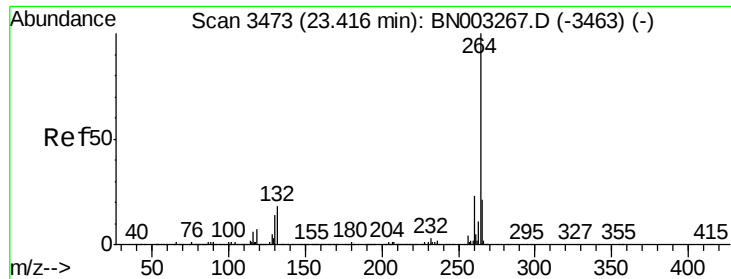
Tot Ion:240 Resp: 456948
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.0
 236 25.5 20.3 30.5



#79
 Terphenyl-d14
 Concen: 97.70 ng
 RT: 19.85 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

Tgt Ion:244 Resp: 2087566
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 9.4 14.2

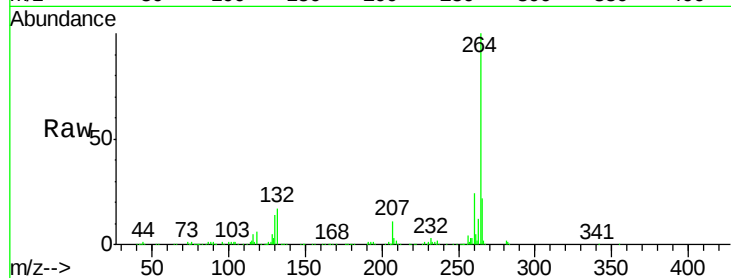




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.72 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BN003447.D
 Acq: 07 Nov 2018 00:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.9	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

