

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003442.D
 Acq On : 06 Nov 2018 21:29
 Operator : MJ/SJ
 Sample : J5826-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:39 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

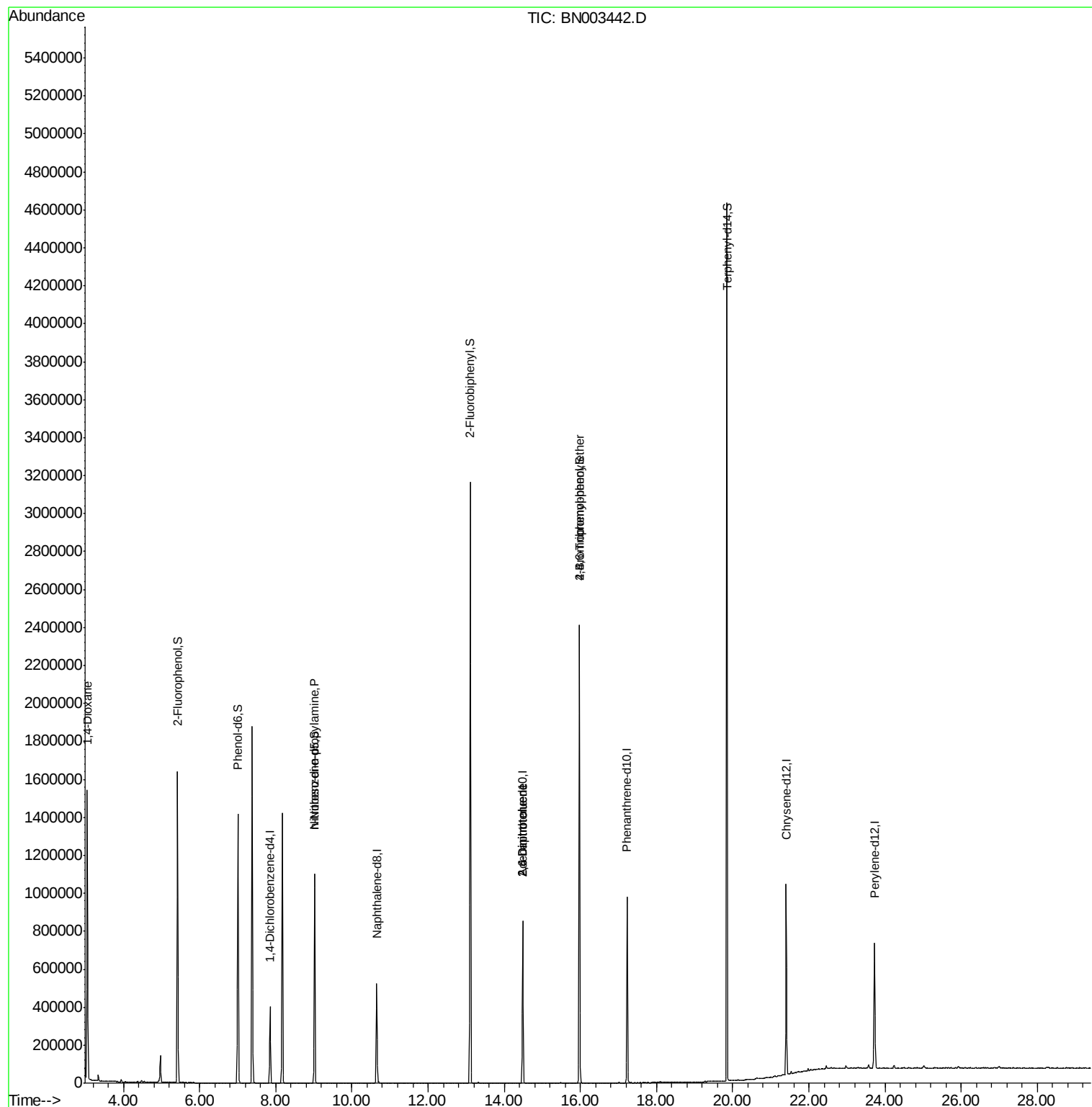
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	112700	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	465408	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	270109	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	582988	20.00	ng	0.00
76) Chrysene-d12	21.40	240	476775	20.00	ng	0.00
87) Perylene-d12	23.72	264	478903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	744372	115.04	ng	0.01
7) Phenol-d6	7.01	99	871332	94.70	ng	0.00
23) Nitrobenzene-d5	9.02	82	631011	77.76	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	498967	137.19	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1650270	82.87	ng	0.00
79) Terphenyl-d14	19.85	244	2258487	101.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	12077	3.93	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	80551	12.14	ng	# 75
51) 2,6-Dinitrotoluene	14.49	165	34463	6.95	ng	# 29
57) 2,4-Dinitrotoluene	14.49	165	34463	5.13	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	32462	4.94	ng	# 1

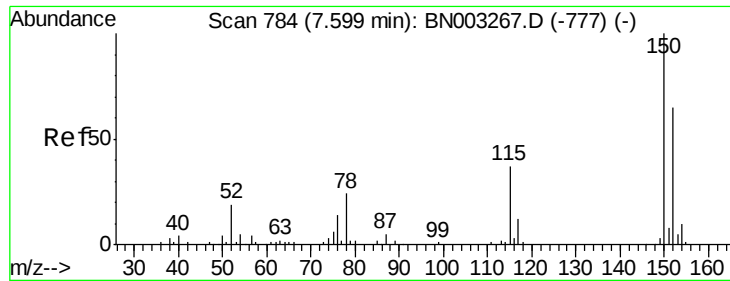
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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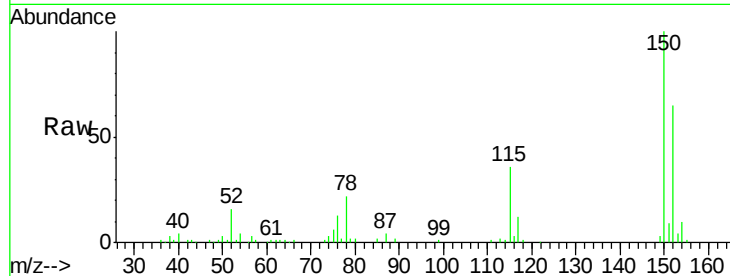


#1

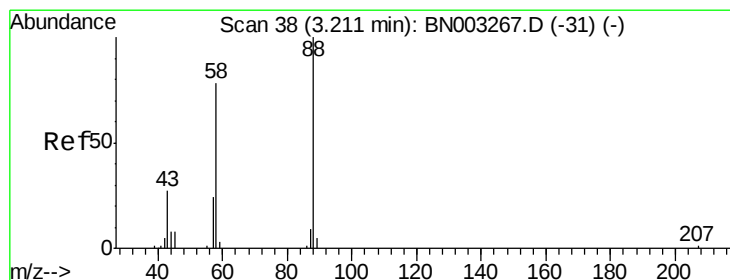
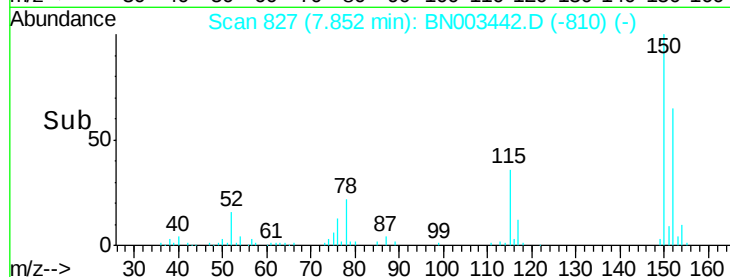
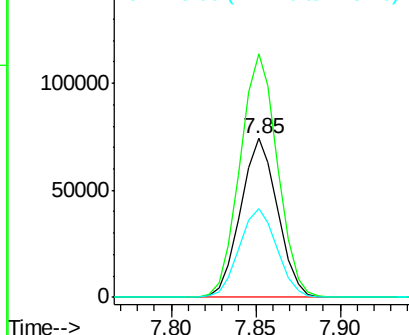
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 112700
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.8
115 55.8 45.9 68.9



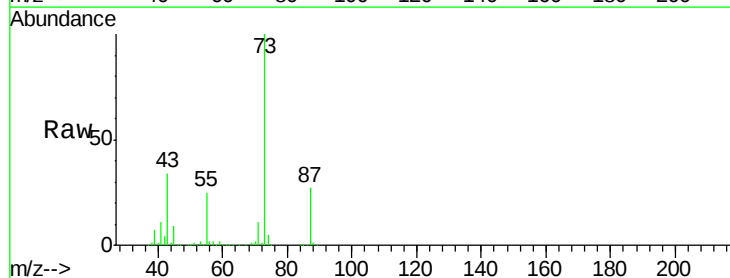
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



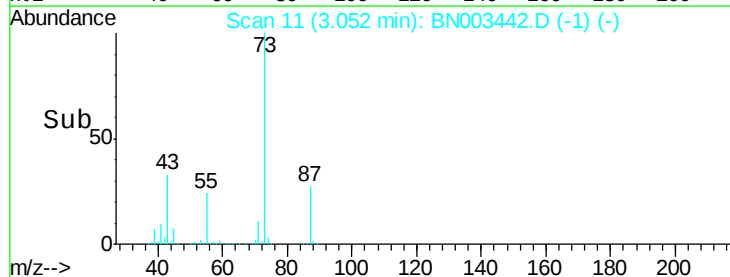
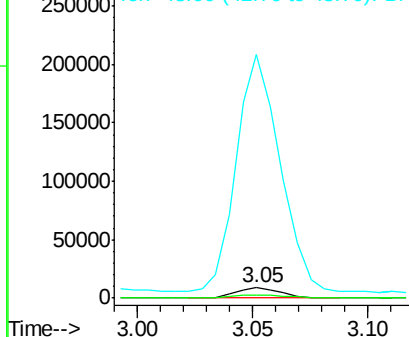
#2

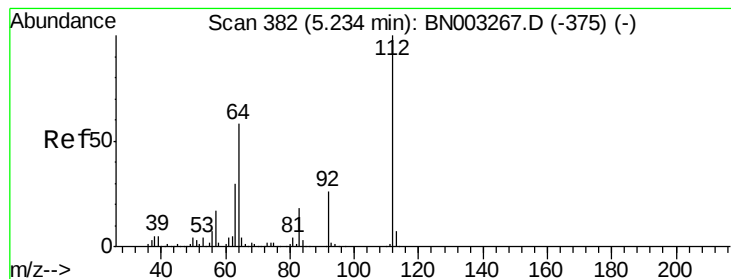
1,4-Dioxane
Concen: 3.93 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

Tgt Ion: 88 Resp: 12077
Ion Ratio Lower Upper
88 100
58 28.0 61.1 91.7#
43 2230.1 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: 115.04 ng

RT: 5.42 min Scan# 414

Delta R.T. 0.01 min

Lab File: BN003442.D

Acq: 06 Nov 2018 21:29

Instrument :

BNA_N

ClientSampleId :

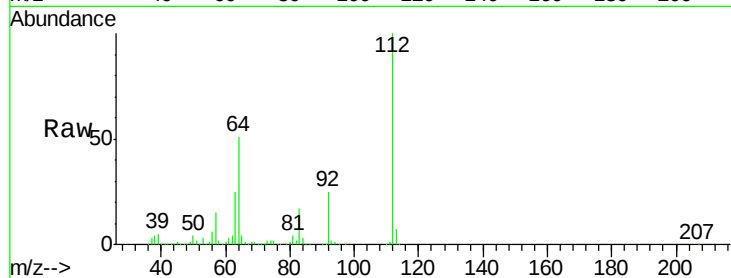
Tot Ion:112 Resp: 744372

Ion Ratio Lower Upper

112 100

64 51.5 46.6 69.8

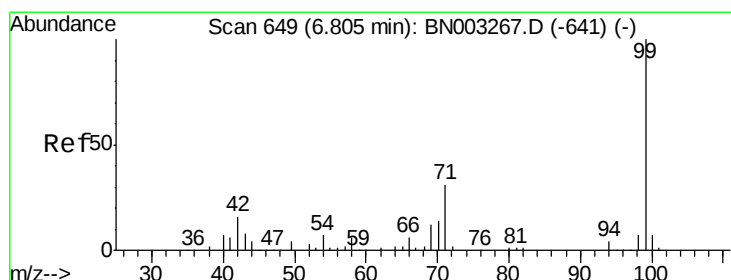
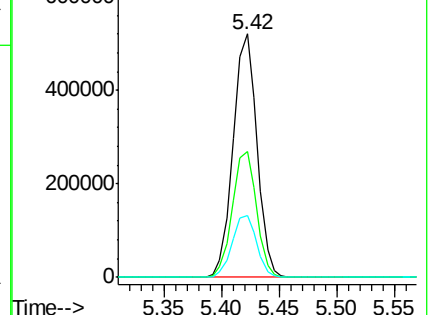
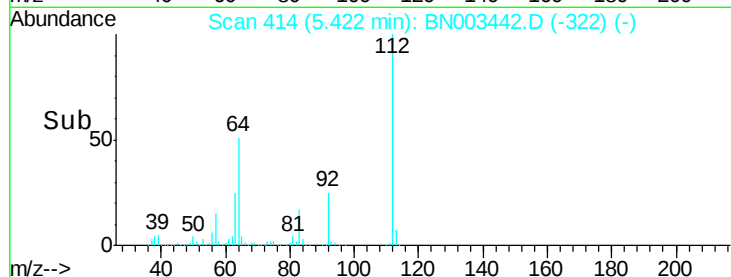
63 25.3 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#7

Phenol-d6

Concen: 94.70 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003442.D

Acq: 06 Nov 2018 21:29

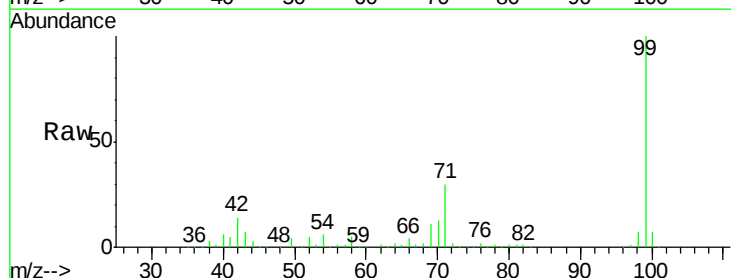
Tgt Ion: 99 Resp: 871332

Ion Ratio Lower Upper

99 100

42 14.3 13.0 19.6

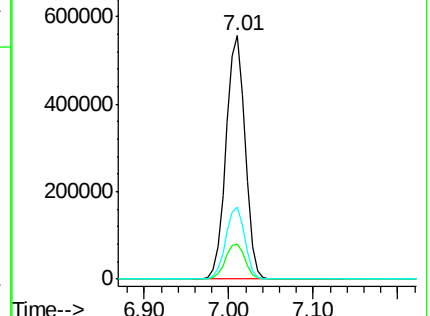
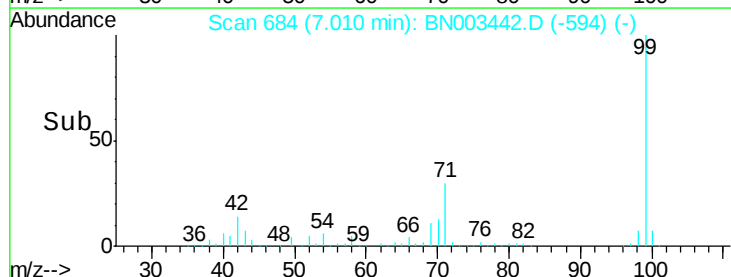
71 29.8 24.5 36.7

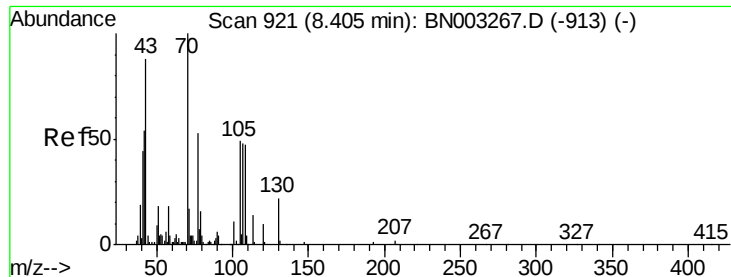


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

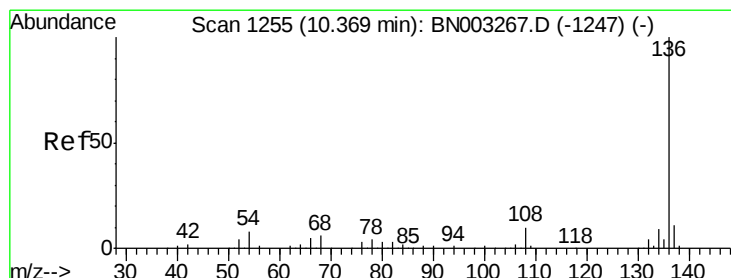
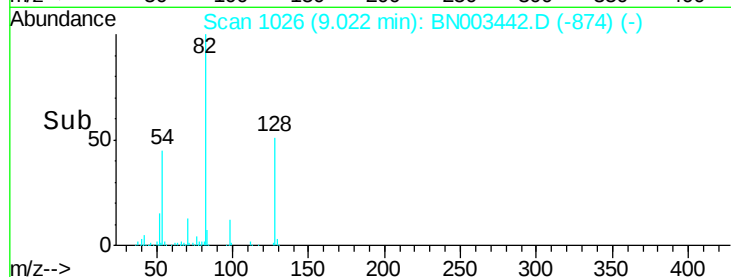
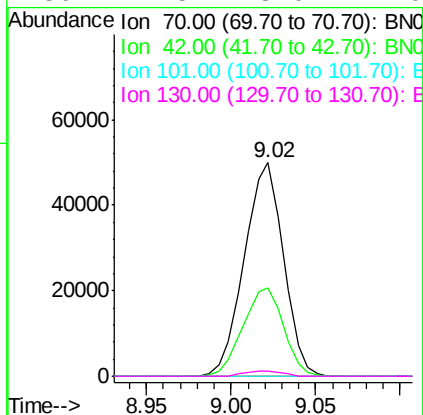
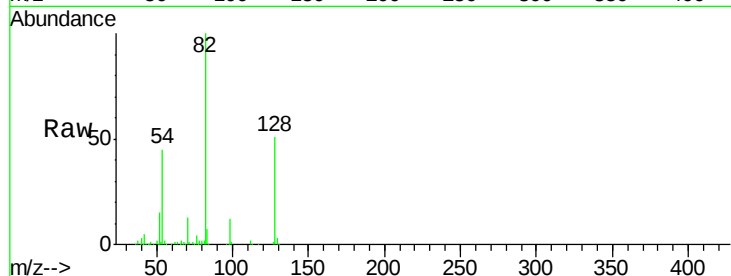




#19
n-Nitroso-di-n-propylamine
Concen: 12.14 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

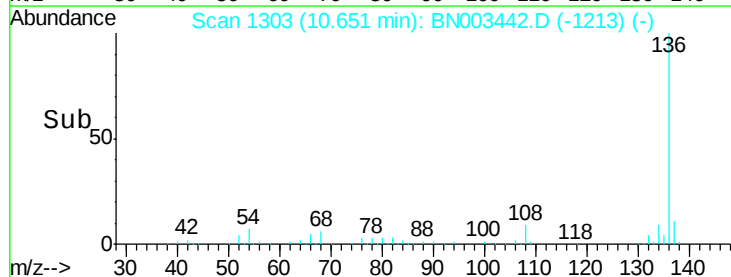
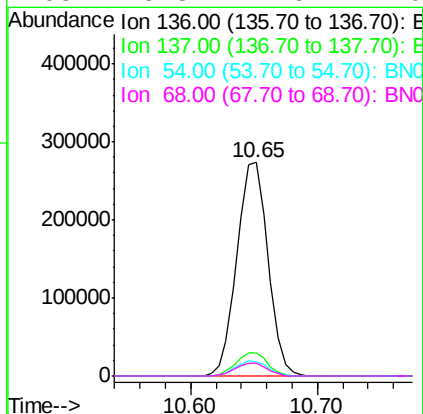
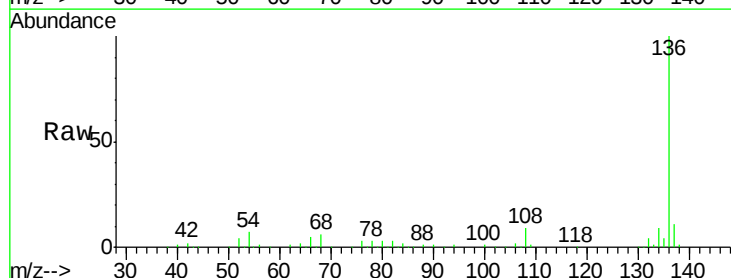
Instrument :
BNA_N
ClientSampleId :

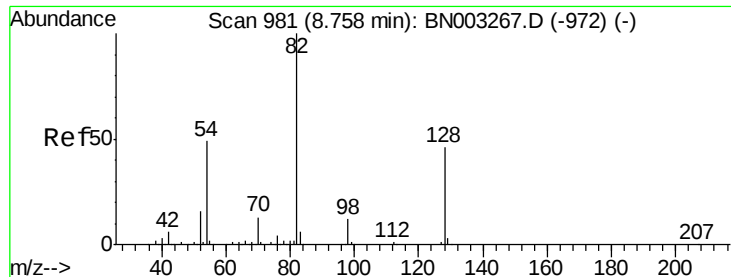
Tot Ion: 70 Resp: 80551
Ion Ratio Lower Upper
70 100
42 41.5 43.5 65.3#
101 0.0 8.6 12.8#
130 2.5 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

Tgt Ion: 136 Resp: 465408
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.8 6.6 10.0
68 5.8 4.6 7.0

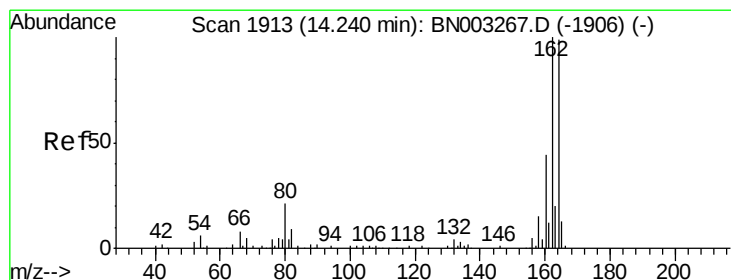
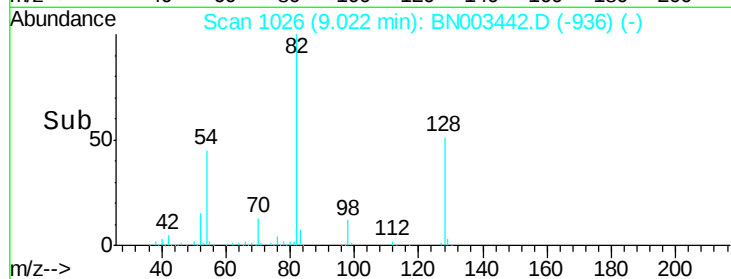
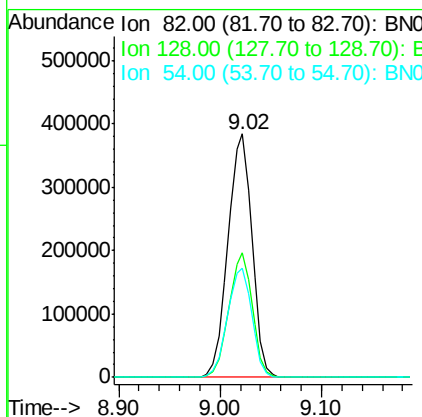
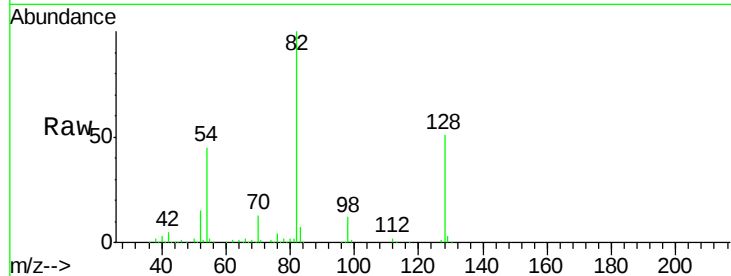




#23
Nitrobenzene-d5
Concen: 77.76 ng
RT: 9.02 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

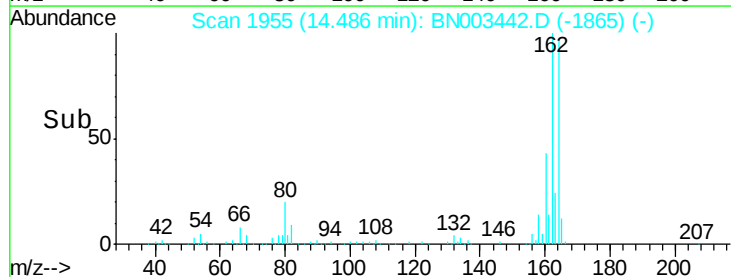
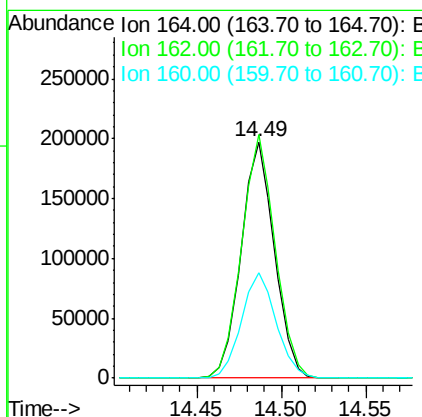
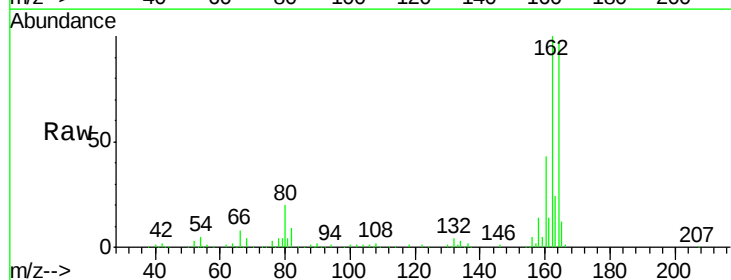
Instrument :
BNA_N
ClientSampleId :

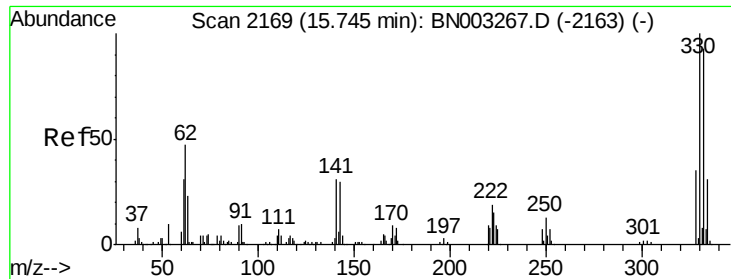
Tot Ion	82	Resp	631011
Ion Ratio	Lower	Upper	
82	100		
128	51.2	37.1	55.7
54	44.6	39.4	59.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003442.D
Acq: 06 Nov 2018 21:29

Tgt Ion	164	Resp	270109
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.8	121.2
160	44.6	35.5	53.3

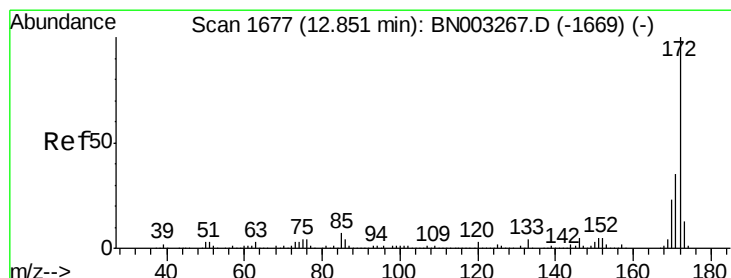
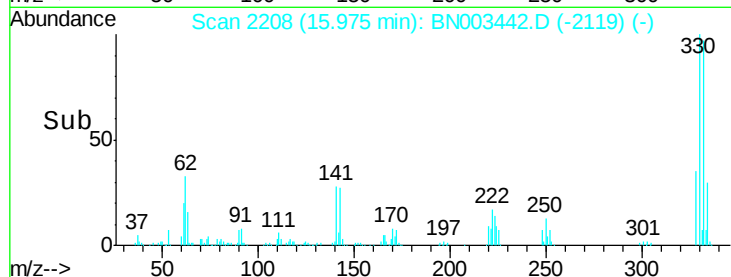
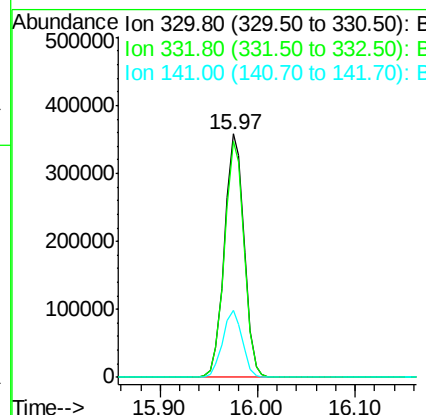
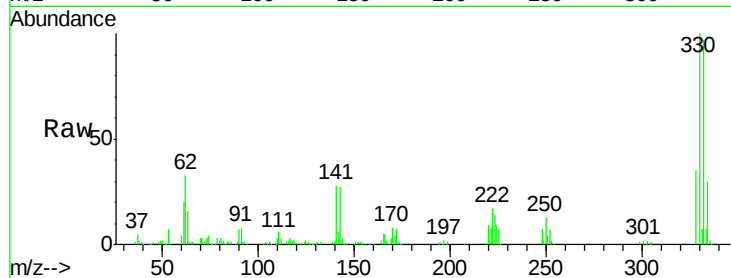




#42
 2,4,6-Tribromophenol
 Concen: 137.19 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

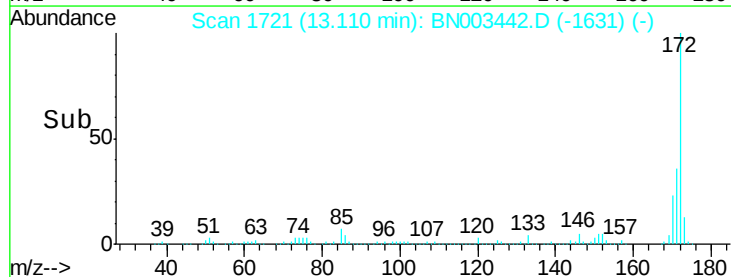
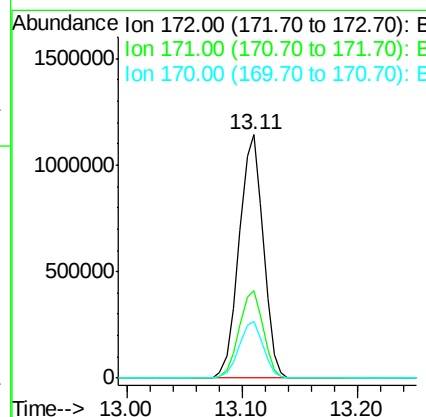
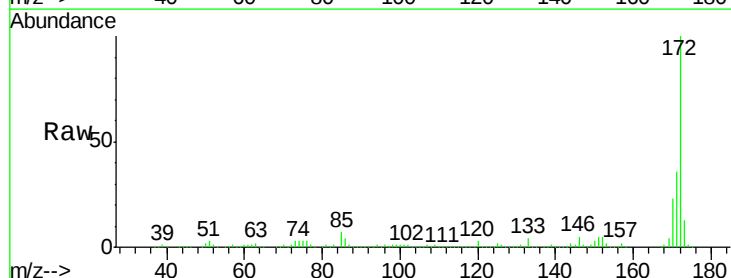
Instrument :
 BNA_N
 ClientSampled :

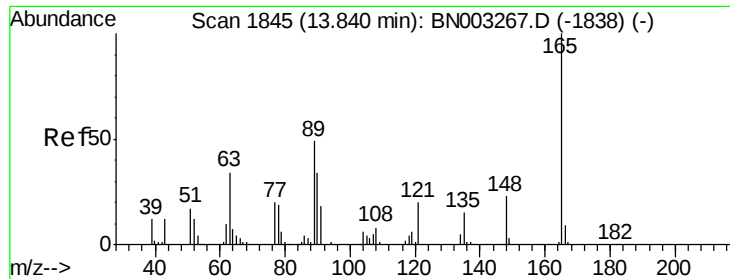
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	27.6	24.5	36.7



#45
 2-Fluorobiphenyl
 Concen: 82.87 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.4	18.4	27.6

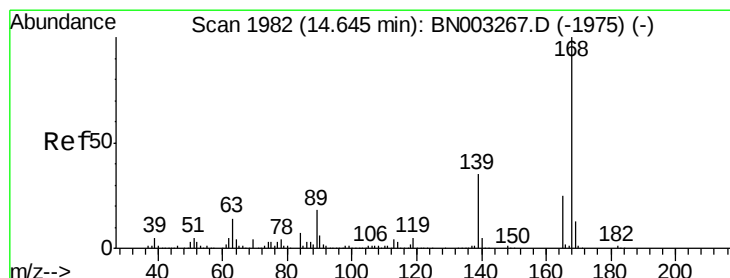
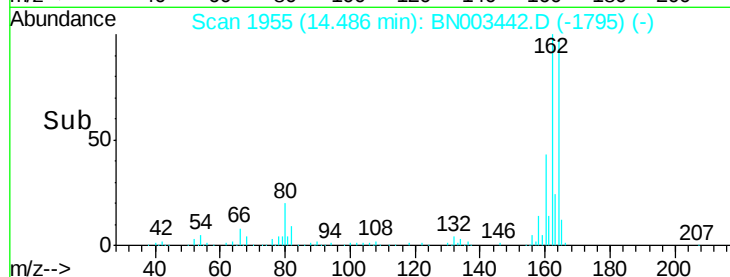
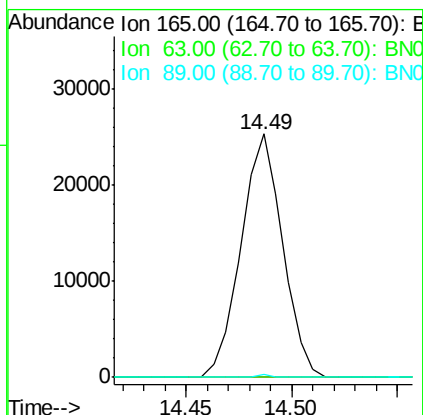
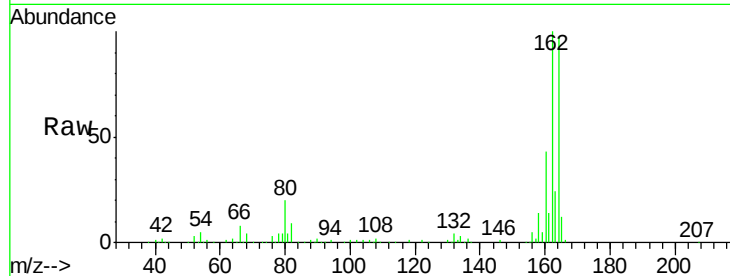




#51
 2,6-Dinitrotoluene
 Concen: 6.95 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

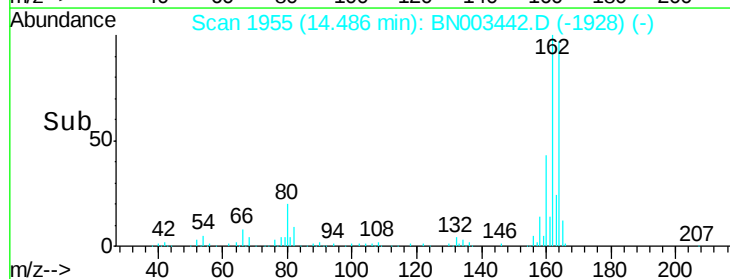
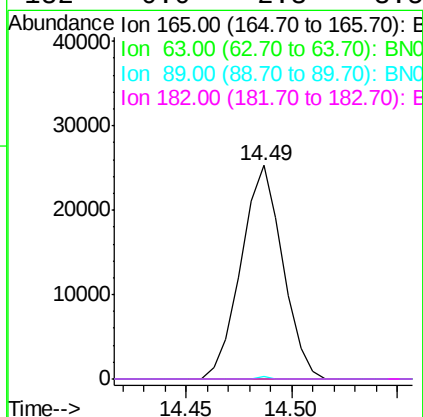
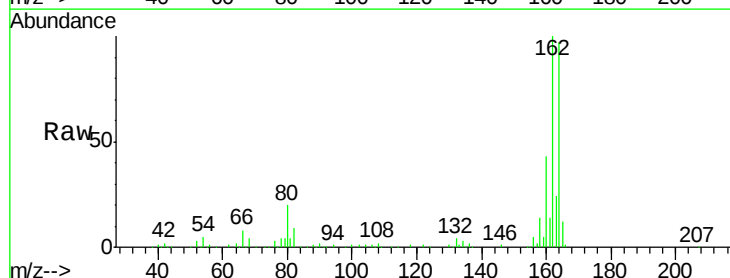
Instrument :
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 ClientSampleId :

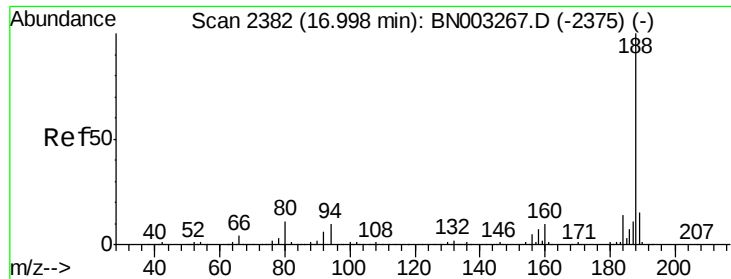
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	1.4	38.9	58.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.13 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

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: BN003442.D

Acq: 06 Nov 2018 21:29

Instrument :

BNA_N

ClientSampled :

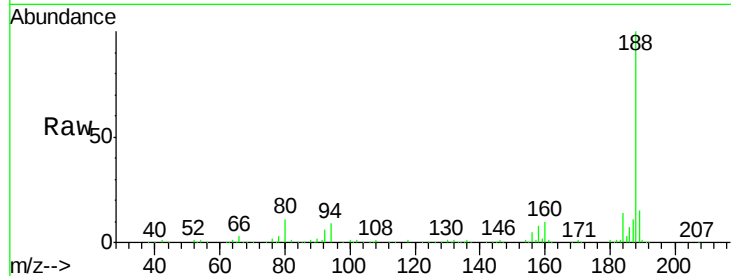
Tot Ion:188 Resp: 582988

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

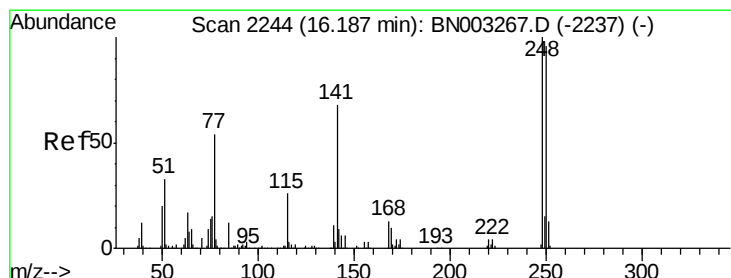
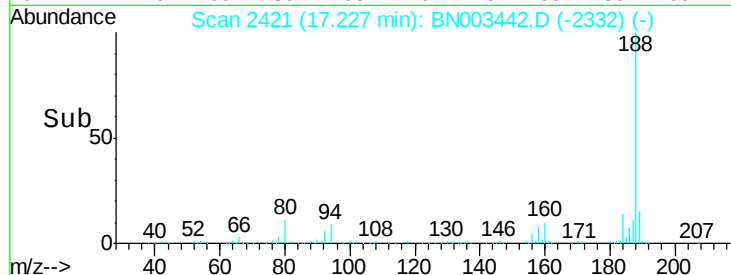
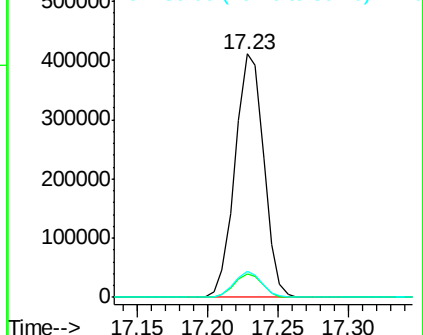
80 10.5 8.6 13.0



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: 4.94 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003442.D

Acq: 06 Nov 2018 21:29

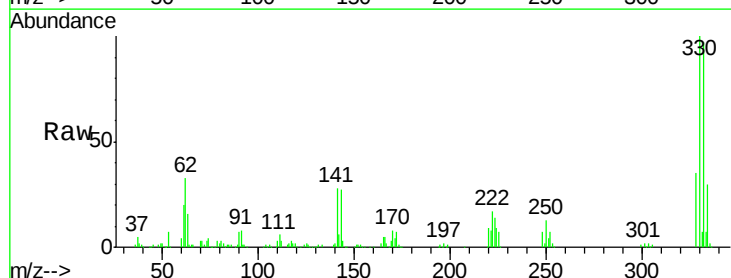
Tgt Ion:248 Resp: 32462

Ion Ratio Lower Upper

248 100

250 195.8 76.4 114.6#

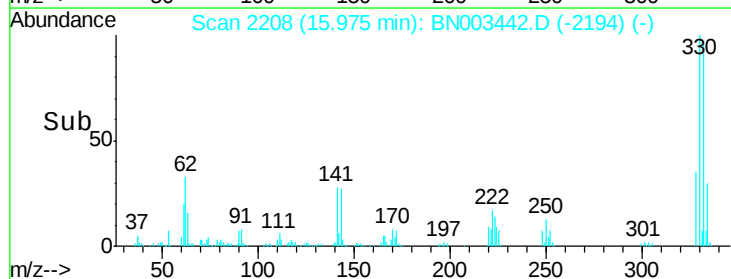
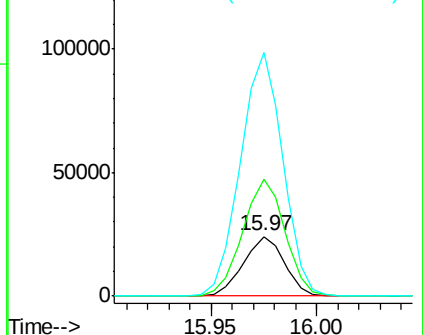
141 406.5 54.2 81.4#

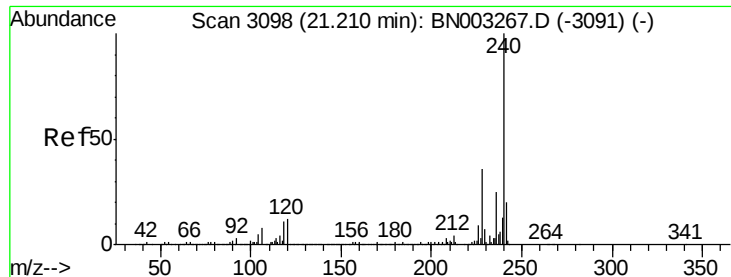


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

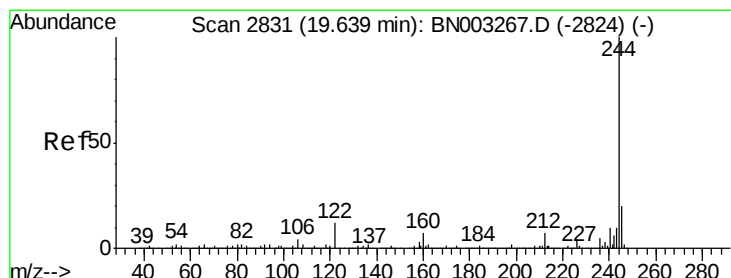
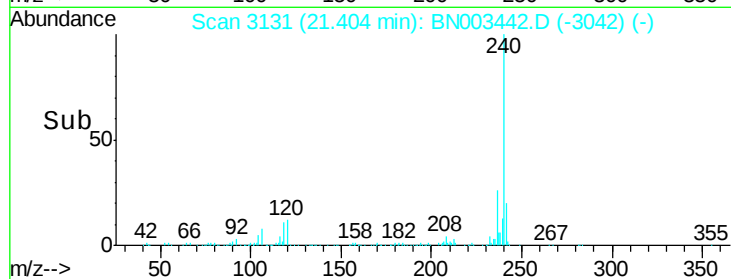
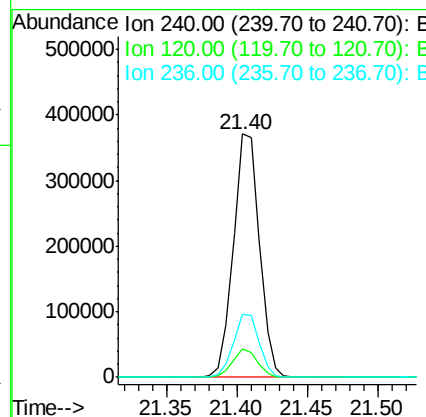
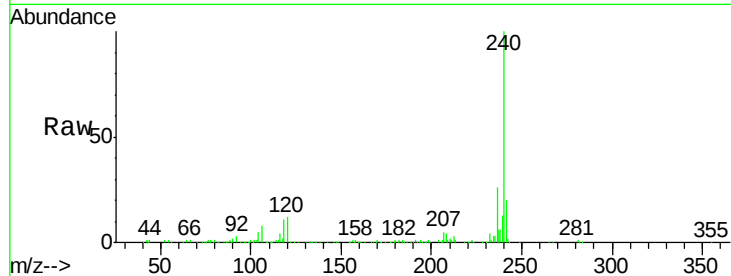




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

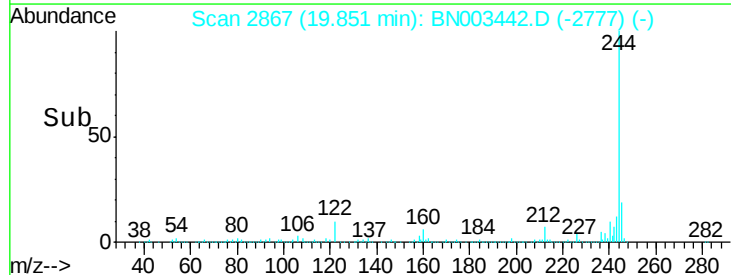
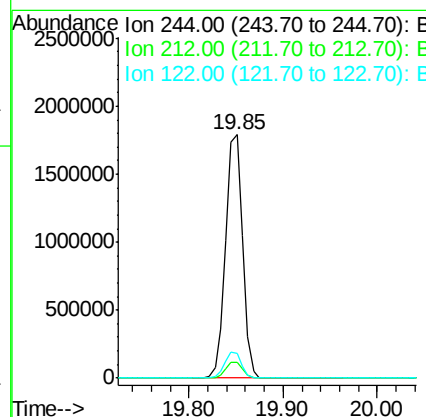
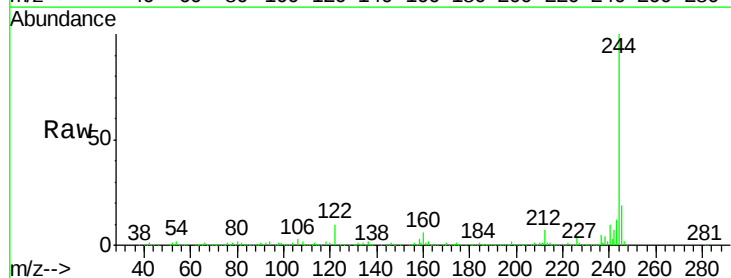
Instrument :
 BNA_N
 ClientSampled :

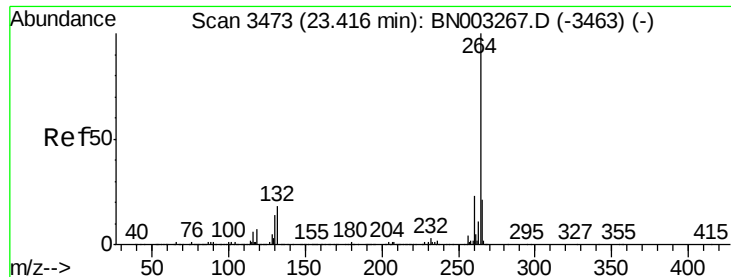
Tot Ion:240 Resp: 476775
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.4 14.0
 236 25.7 20.3 30.5



#79
 Terphenyl-d14
 Concen: 101.30 ng
 RT: 19.85 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

Tgt Ion:244 Resp: 2258487
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.3 9.4 14.2

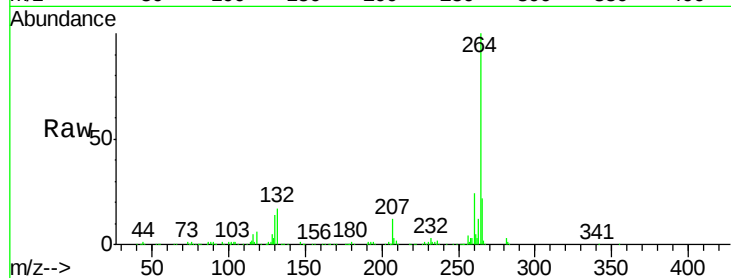




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.72 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BN003442.D
 Acq: 06 Nov 2018 21:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.1	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

