

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003446.D
 Acq On : 06 Nov 2018 23:49
 Operator : MJ/SJ
 Sample : J5827-40
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:30:10 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

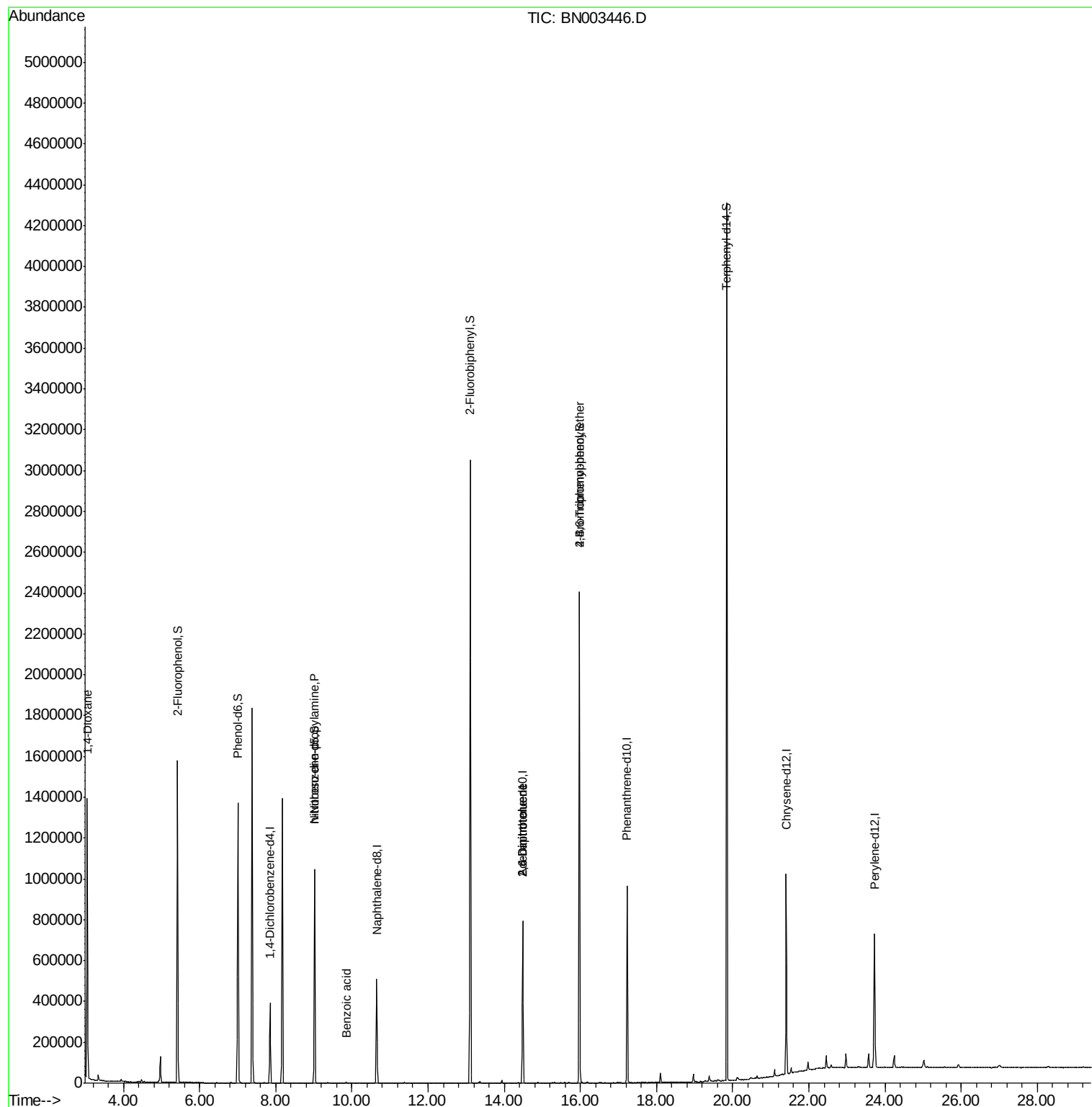
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108064	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	447659	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	260646	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	556706	20.00	ng	0.00
76) Chrysene-d12	21.41	240	457662	20.00	ng	0.00
87) Perylene-d12	23.72	264	481856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	712935	114.91	ng	0.00
7) Phenol-d6	7.01	99	848317	96.16	ng	0.00
23) Nitrobenzene-d5	9.02	82	605564	77.58	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	492834	140.42	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1613841	83.99	ng	0.00
79) Terphenyl-d14	19.85	244	2102139	98.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	10610	3.60	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	77019	12.11	ng	# 75
32) Benzoic acid	9.85	122	1756	5.32	ng	# 89
51) 2,6-Dinitrotoluene	14.49	165	33698	7.04	ng	# 30
57) 2,4-Dinitrotoluene	14.49	165	33698	5.20	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	31622	5.04	ng	# 1

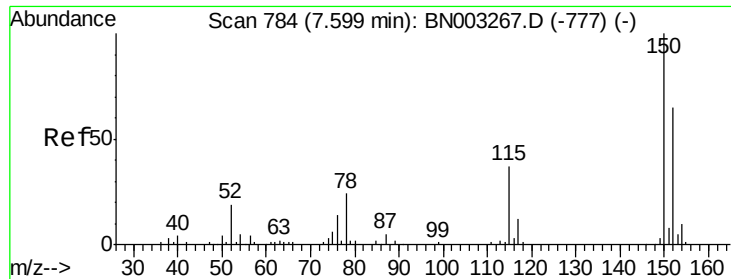
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



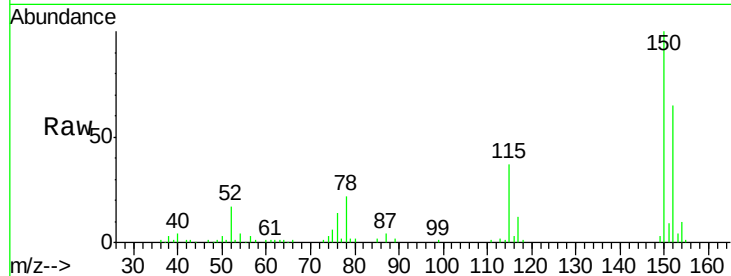


#1

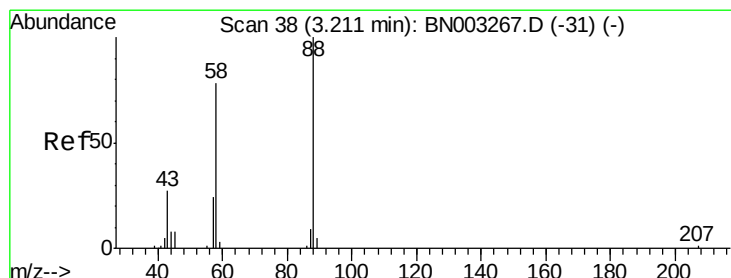
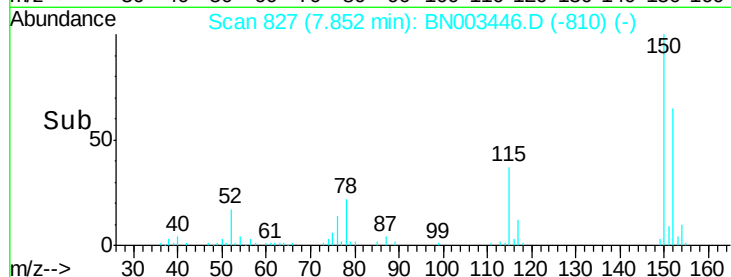
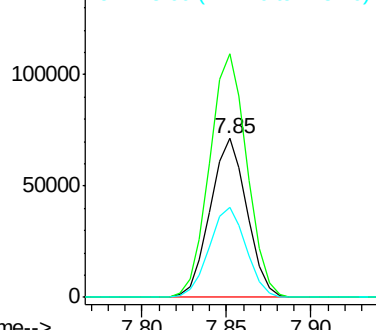
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 108064
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.8
115 56.7 45.9 68.9



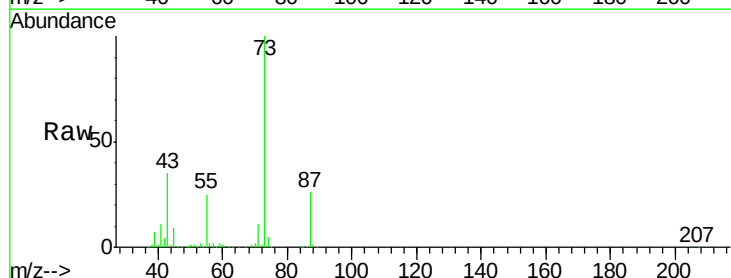
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



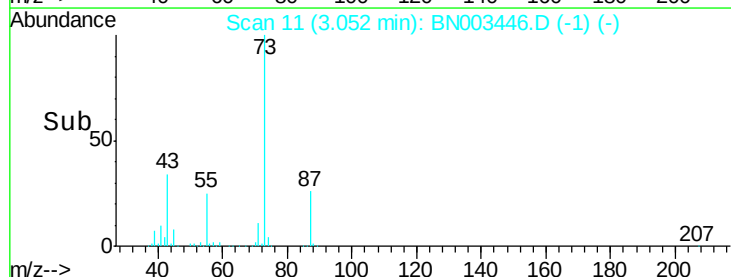
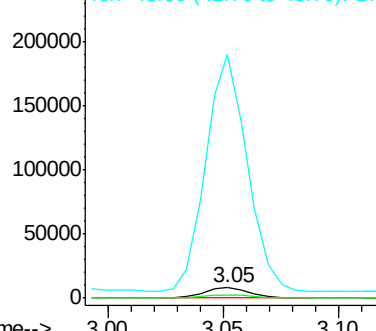
#2

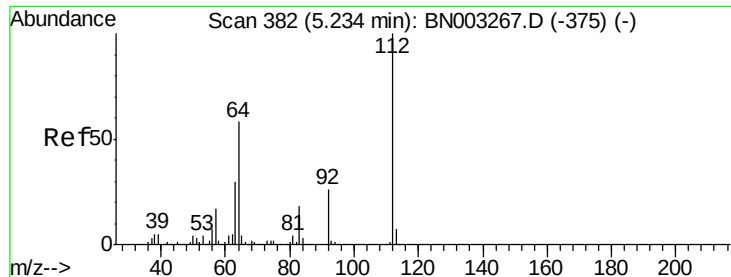
1,4-Dioxane
Concen: 3.60 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Tgt Ion: 88 Resp: 10610
Ion Ratio Lower Upper
88 100
58 26.7 61.1 91.7#
43 2186.0 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: 114.91 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

Instrument :

BNA_N

ClientSampleId :

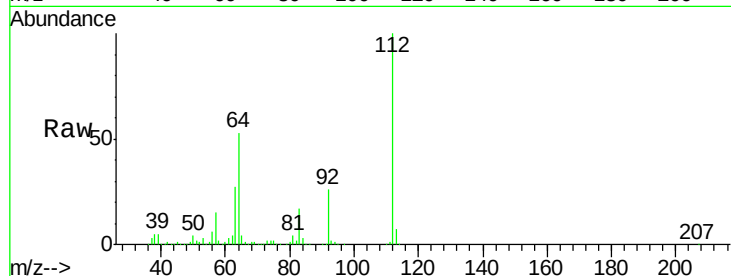
Tot Ion:112 Resp: 712935

Ion Ratio Lower Upper

112 100

64 53.3 46.6 69.8

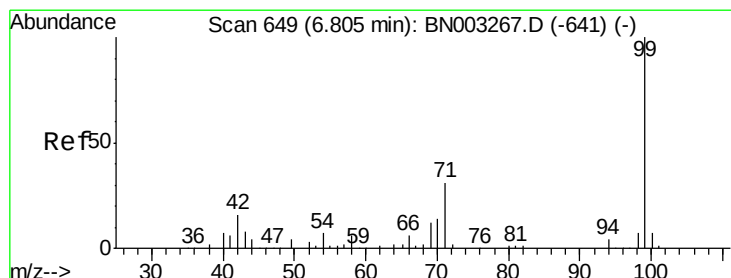
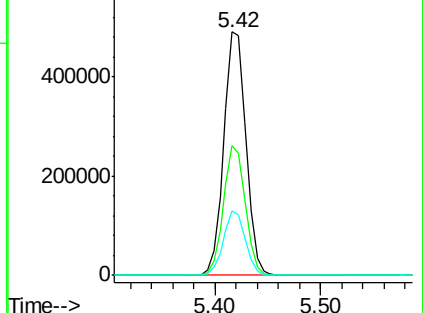
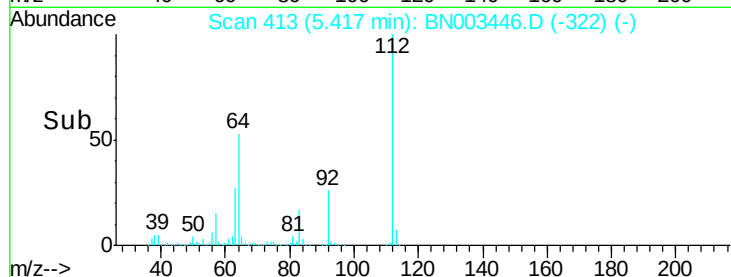
63 26.6 23.8 35.8



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: 96.16 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

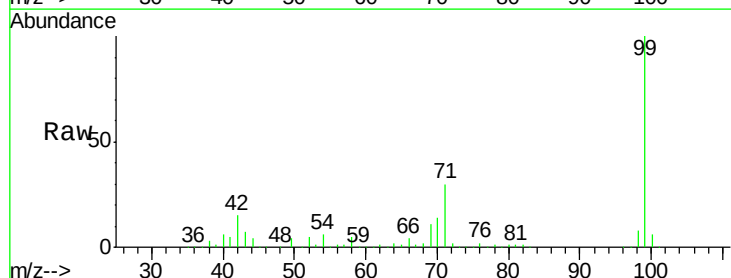
Tgt Ion: 99 Resp: 848317

Ion Ratio Lower Upper

99 100

42 14.7 13.0 19.6

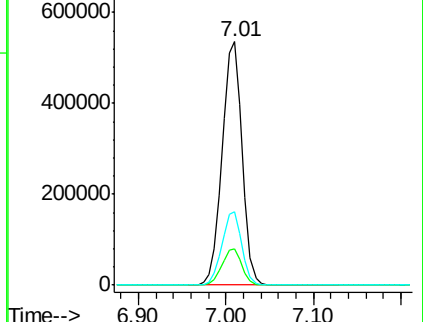
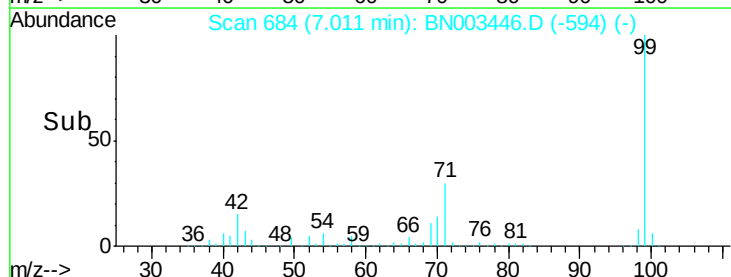
71 29.9 24.5 36.7

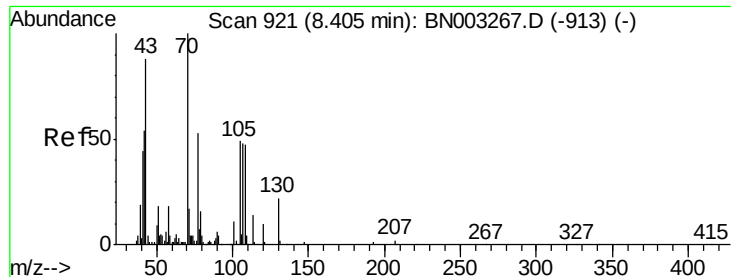


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

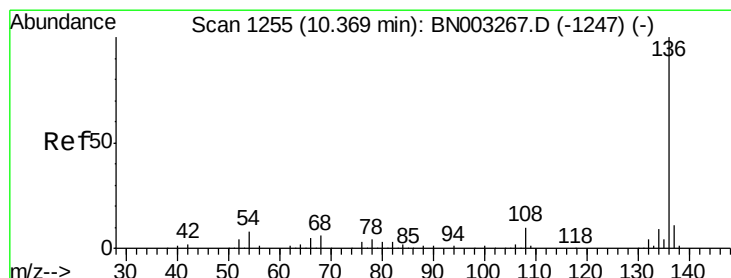
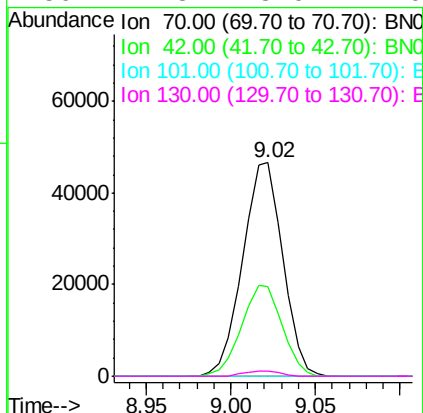
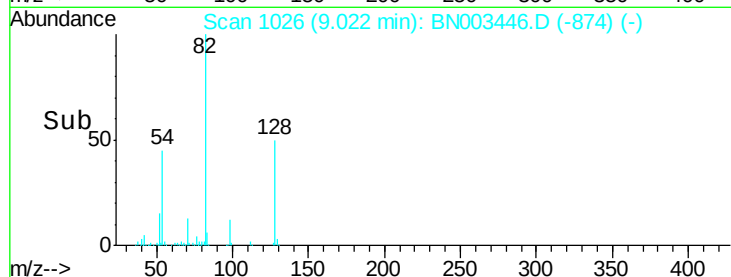
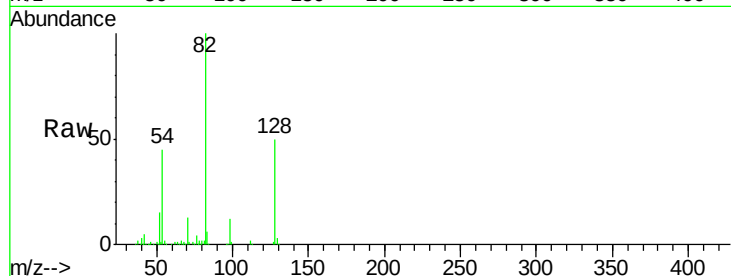




#19
n-Nitroso-di-n-propylamine
Concen: 12.11 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

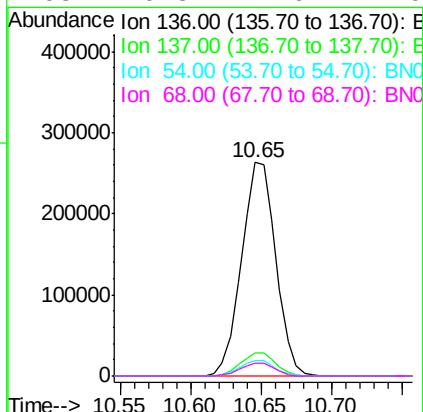
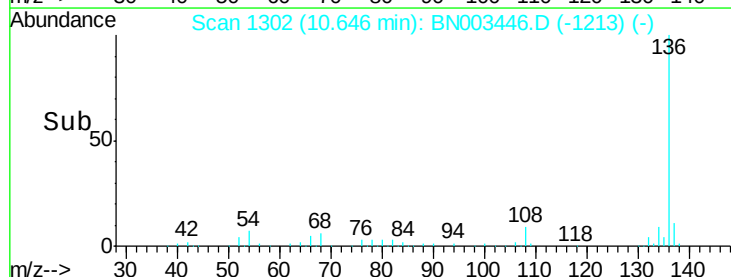
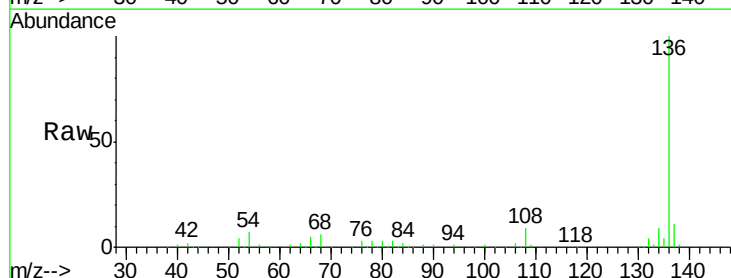
Instrument :
BNA_N
ClientSampleId :

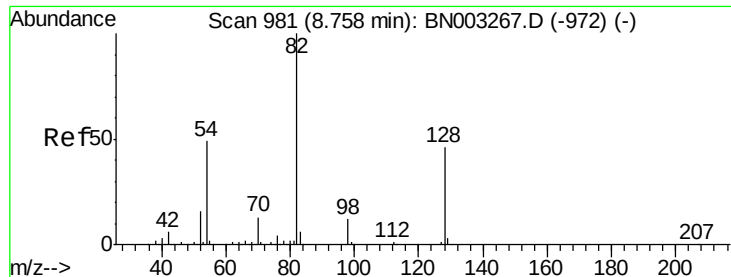
Tot Ion: 70 Resp: 77019
Ion Ratio Lower Upper
70 100
42 41.9 43.5 65.3#
101 0.0 8.6 12.8#
130 2.3 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Tgt Ion: 136 Resp: 447659
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.3 6.6 10.0
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 77.58 ng

RT: 9.02 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

Instrument :

BNA_N

ClientSampled :

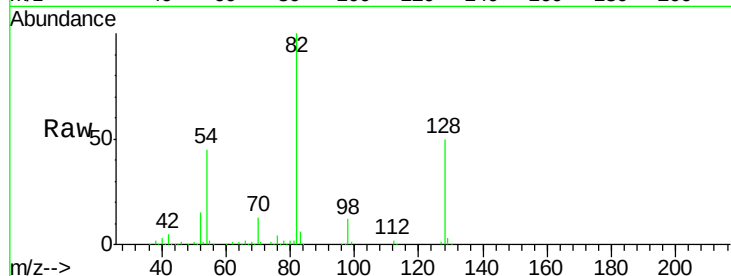
Tot Ion: 82 Resp: 605564

Ion Ratio Lower Upper

82 100

128 50.4 37.1 55.7

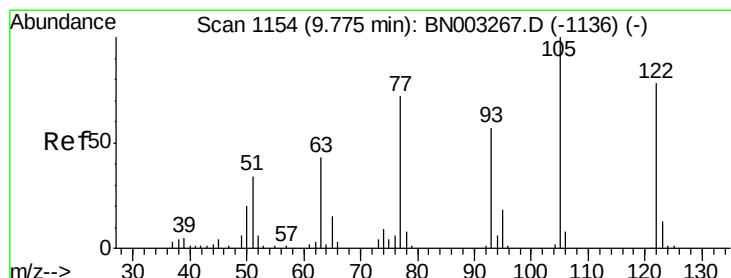
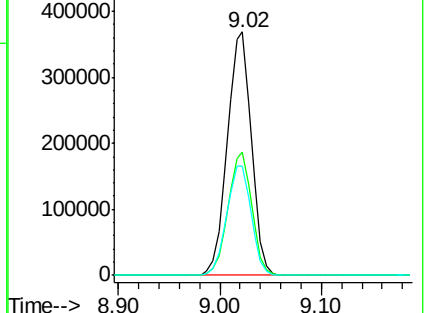
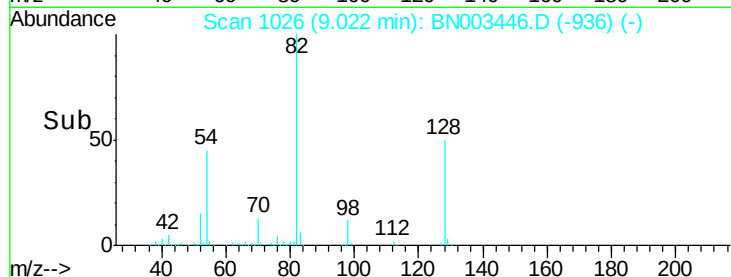
54 44.9 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BN003446.D (-936) (-)

Ion 128.00 (127.70 to 128.70): BN003446.D (-936) (-)

Ion 54.00 (53.70 to 54.70): BN003446.D (-936) (-)



#32

Benzoic acid

Concen: 5.32 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.11 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

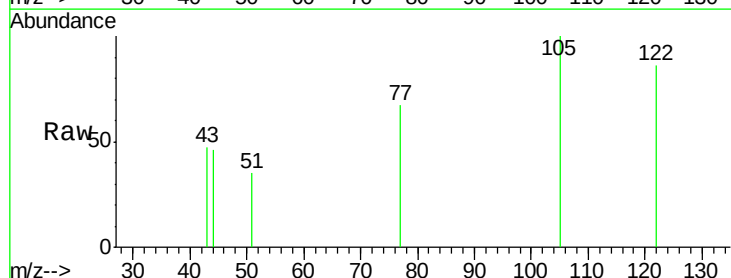
Tgt Ion: 122 Resp: 1756

Ion Ratio Lower Upper

122 100

105 116.5 106.8 146.8

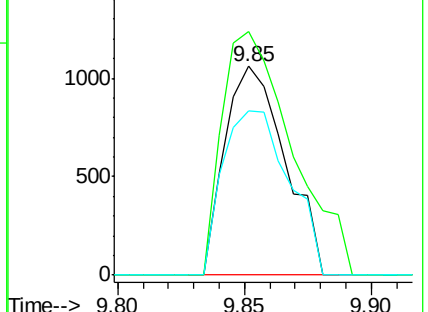
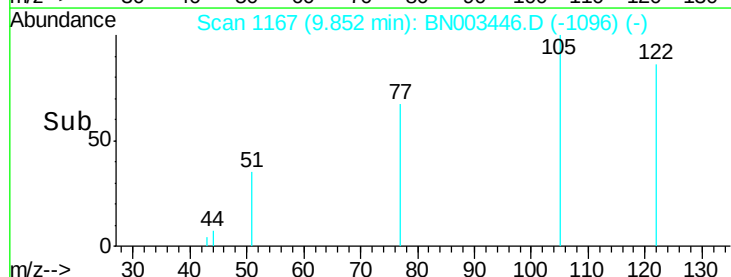
77 78.4 71.9 111.9

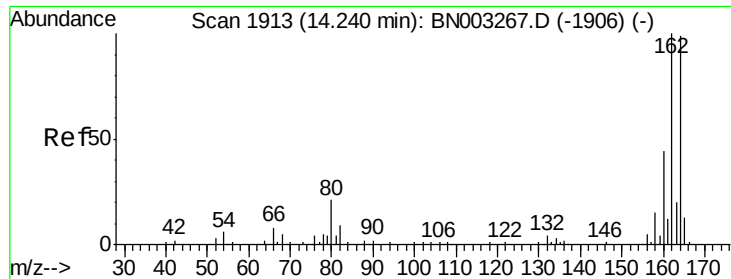


Abundance Ion 122.00 (121.70 to 122.70): BN003446.D (-1096) (-)

Ion 105.00 (104.70 to 105.70): BN003446.D (-1096) (-)

Ion 77.00 (76.70 to 77.70): BN003446.D (-1096) (-)





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

Instrument :

BNA_N

ClientSampled :

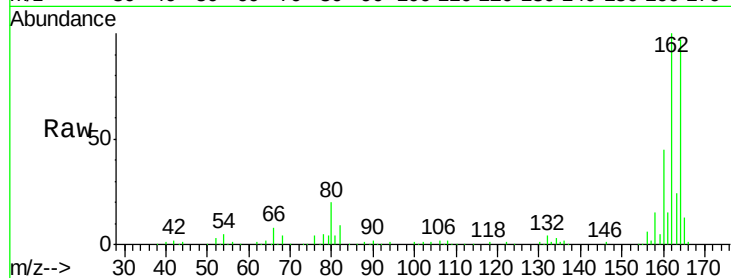
Tot Ion:164 Resp: 260646

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

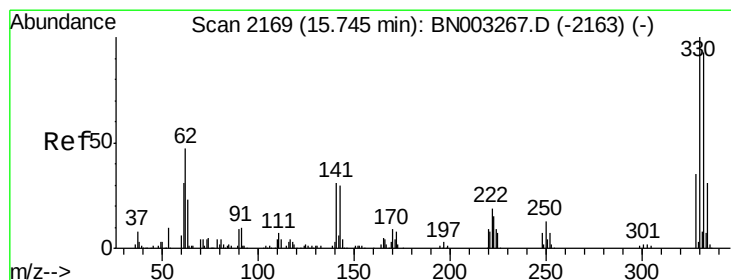
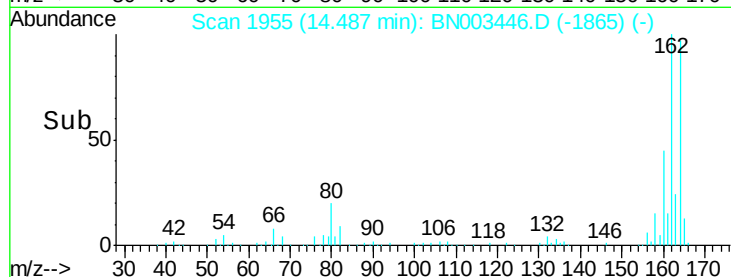
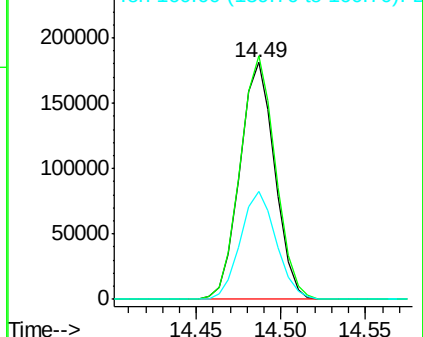
160 45.8 35.5 53.3



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: 140.42 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

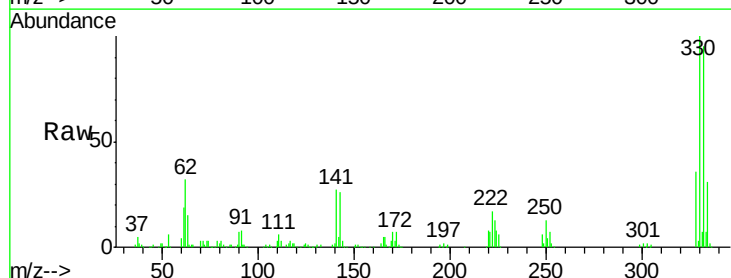
Tgt Ion:330 Resp: 492834

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

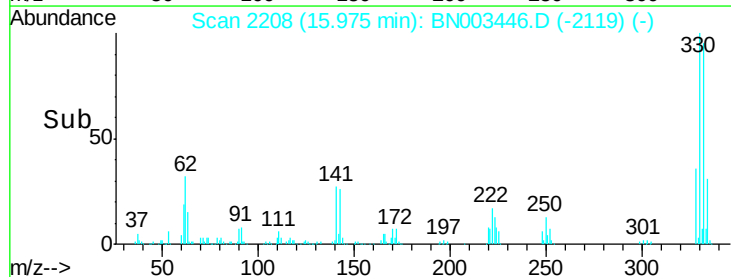
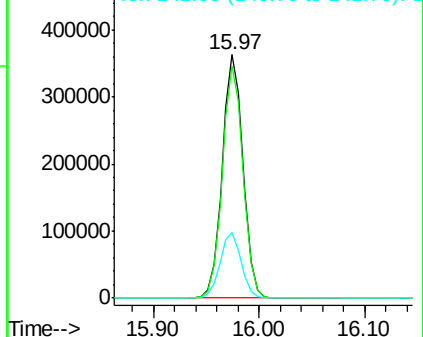
141 27.3 24.5 36.7

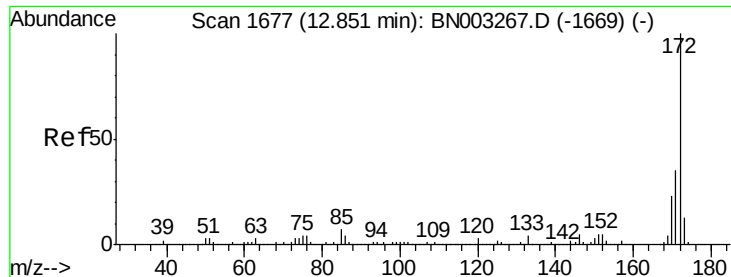


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

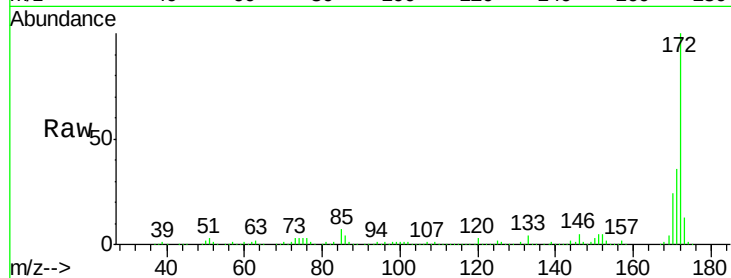




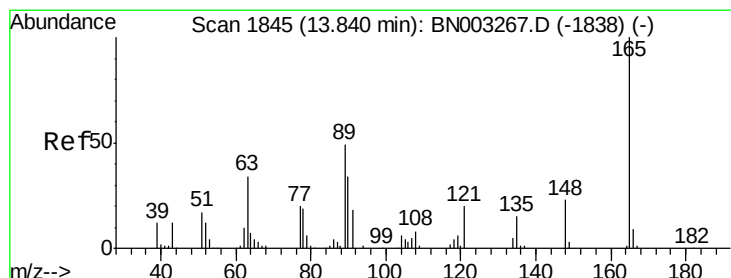
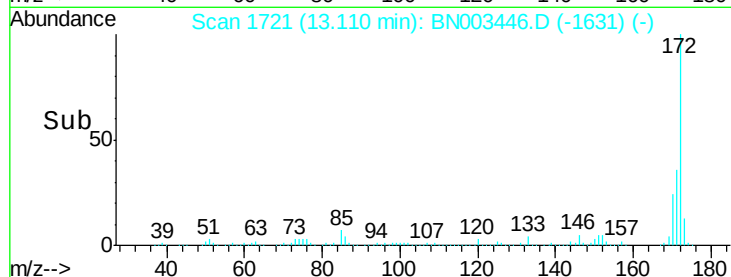
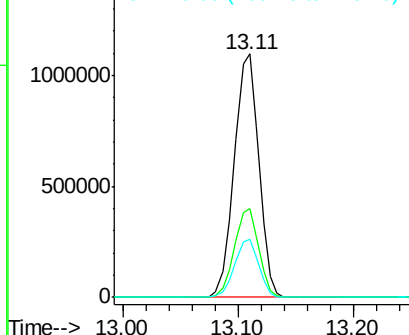
#45
2-Fluorobiphenyl
Concen: 83.99 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 1613841
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 23.7 18.4 27.6

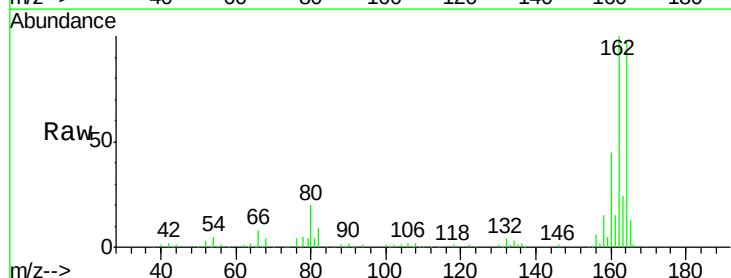


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

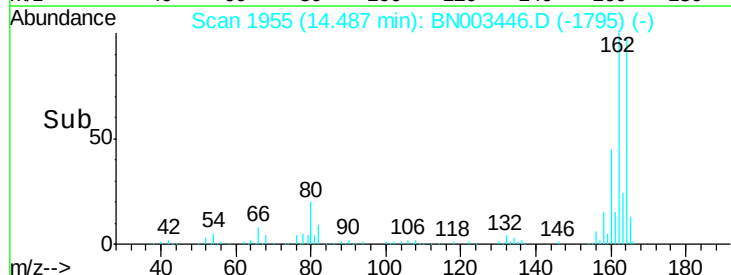
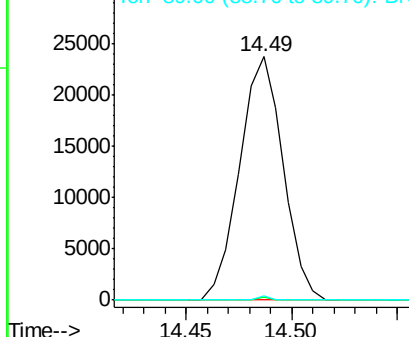


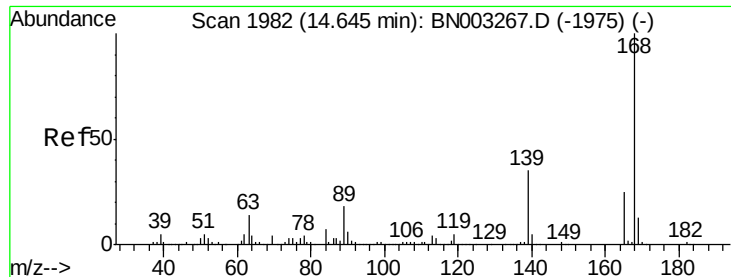
#51
2,6-Dinitrotoluene
Concen: 7.04 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Tgt Ion:165 Resp: 33698
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.5 38.9 58.3#



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

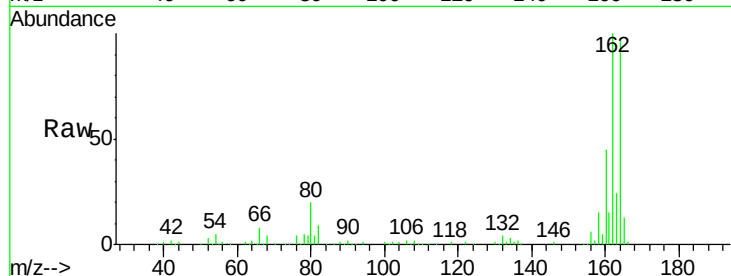




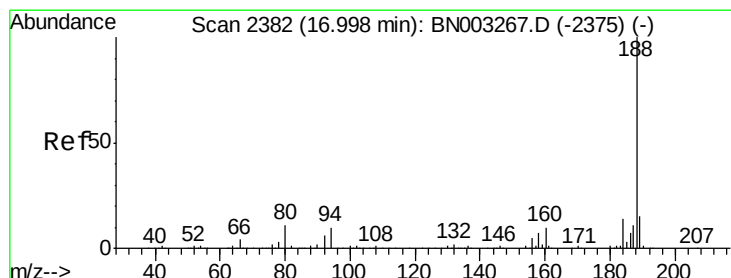
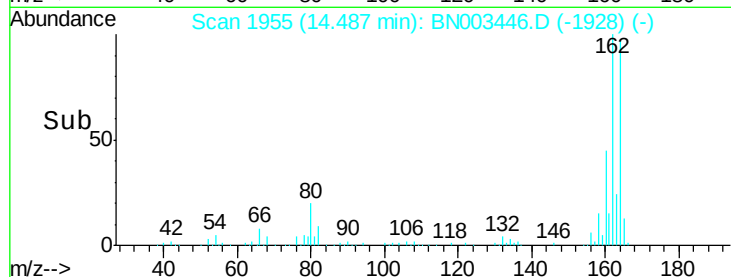
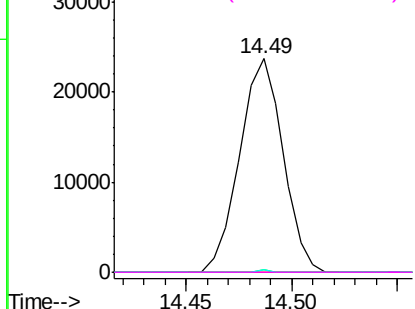
#57
 2,4-Dinitrotoluene
 Concen: 5.20 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003446.D
 Acq: 06 Nov 2018 23:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 33698
 Ion Ratio Lower Upper
 165 100
 63 1.3 45.8 68.6#
 89 1.5 58.7 88.1#
 182 0.0 2.3 3.5#

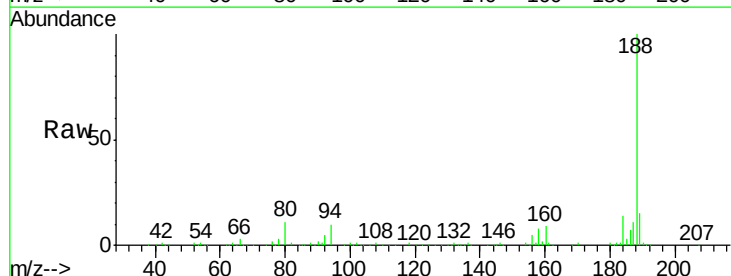


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

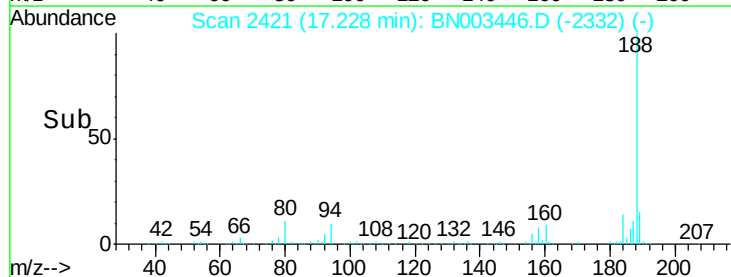
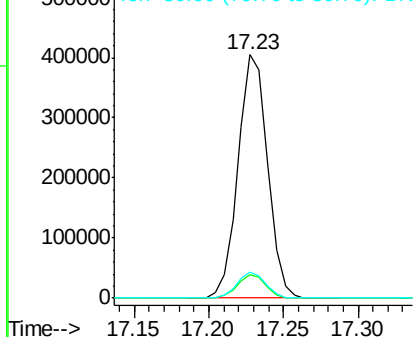


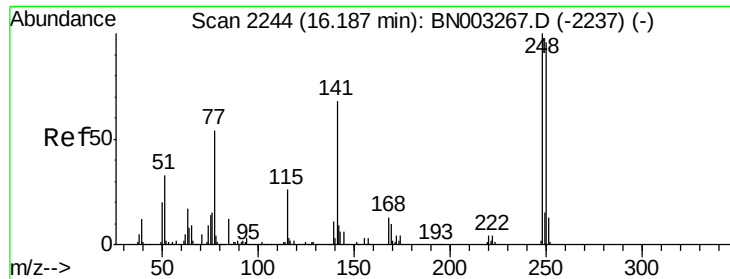
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003446.D
 Acq: 06 Nov 2018 23:49

Tgt Ion:188 Resp: 556706
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.1 12.1
 80 10.6 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

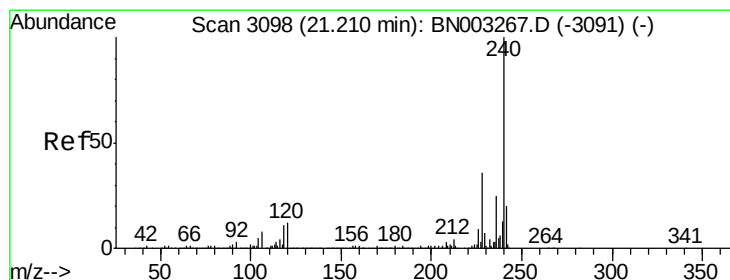
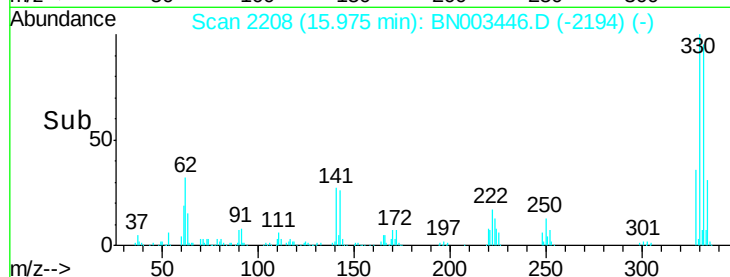
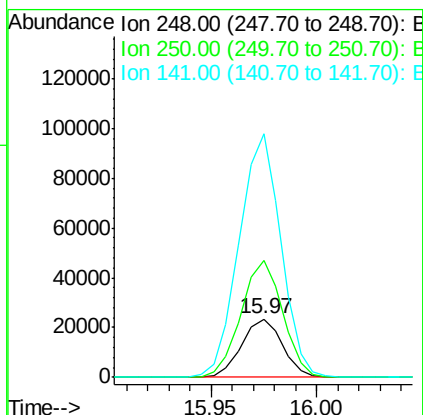
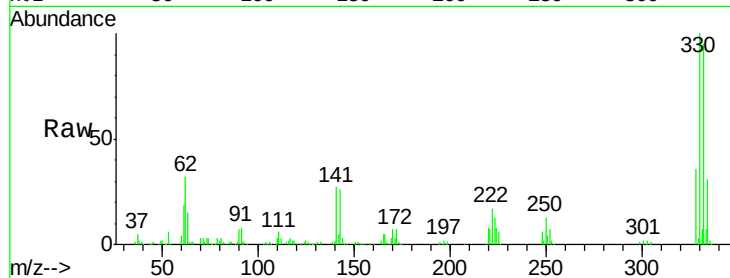




#67
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

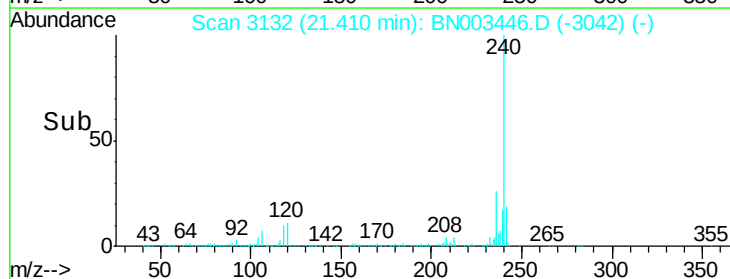
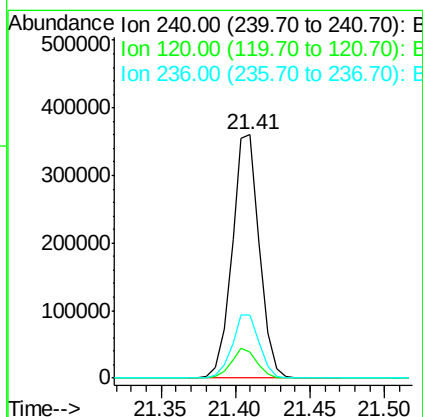
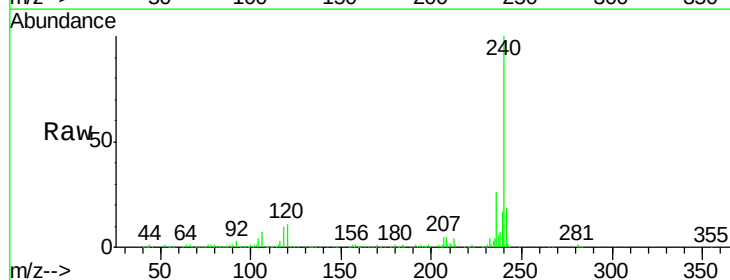
Instrument :
BNA_N
ClientSampleId :

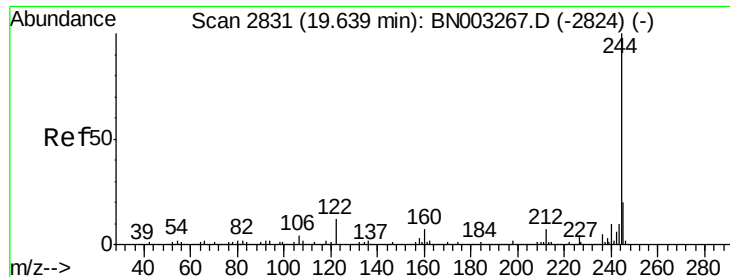
Tot Ion:248 Resp: 31622
Ion Ratio Lower Upper
248 100
250 200.3 76.4 114.6#
141 416.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN003446.D
Acq: 06 Nov 2018 23:49

Tgt Ion:240 Resp: 457662
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.0
236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 98.23 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

Instrument :

BNA_N

ClientSampleId :

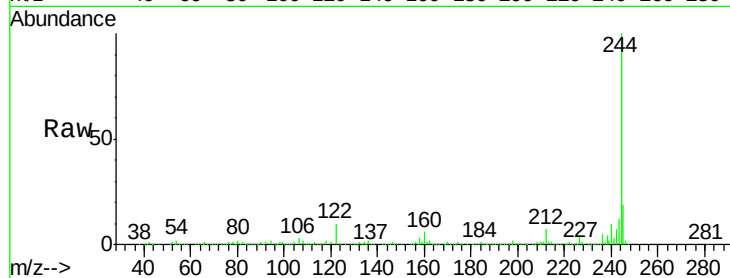
Tot Ion:244 Resp: 2102139

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

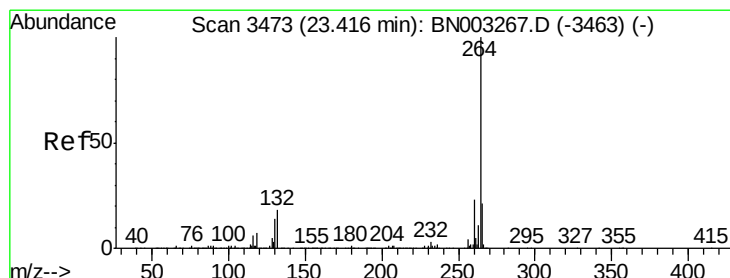
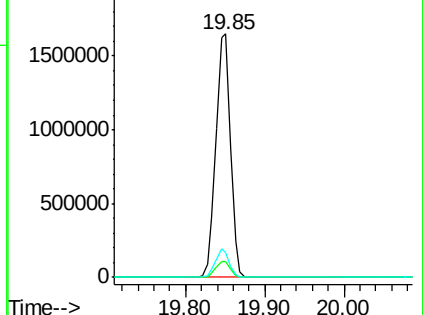
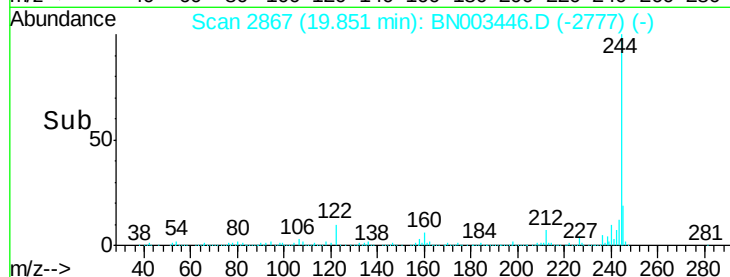
122 10.1 9.4 14.2



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: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003446.D

Acq: 06 Nov 2018 23:49

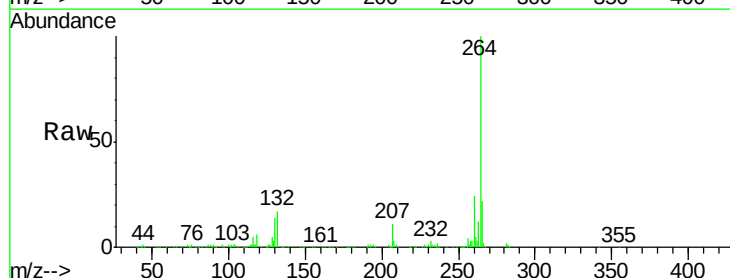
Tgt Ion:264 Resp: 481856

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.6 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

