

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
 Data File : BN003459.D
 Acq On : 07 Nov 2018 19:30
 Operator : MJ/SJ
 Sample : J5829-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 08 14:33:11 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	109342	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	491245	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	300678	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	676728	20.00	ng	0.00
76) Chrysene-d12	21.40	240	548608	20.00	ng	0.00
87) Perylene-d12	23.72	264	516421	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	226255	36.04	ng	0.00
7) Phenol-d6	7.00	99	179249	20.08	ng	-0.01
23) Nitrobenzene-d5	9.02	82	713348	83.28	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	390347	96.41	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1985602	89.57	ng	0.00
79) Terphenyl-d14	19.85	244	2488229	96.99	ng	0.00

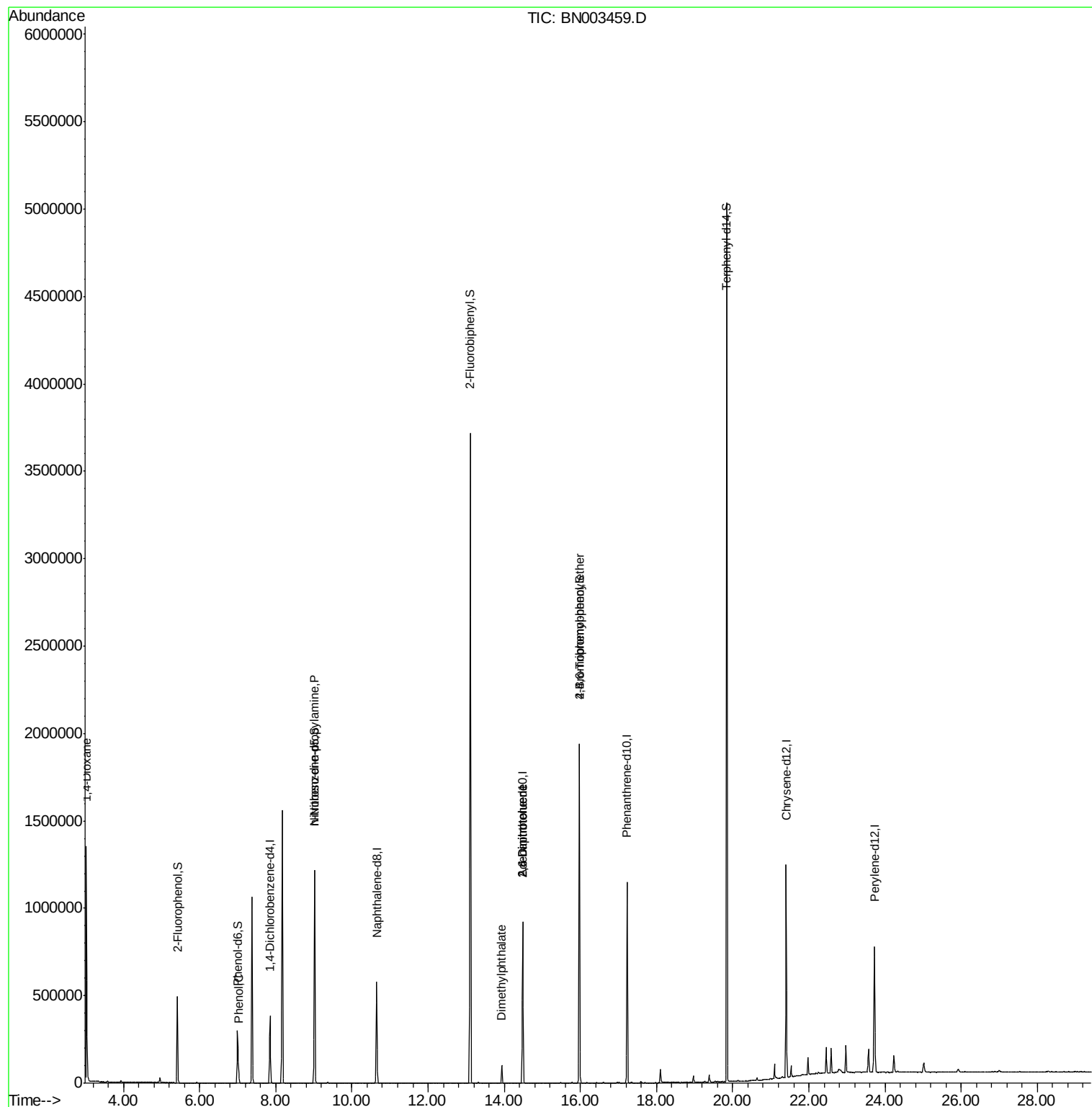
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	10430	3.499	ng	# 1
10) Phenol	7.03	94	36369	3.861	ng	96
19) n-Nitroso-di-n-propylamine	9.02	70	90398	14.043	ng	# 75
50) Dimethylphthalate	13.94	163	70215	2.888	ng	99
51) 2,6-Dinitrotoluene	14.49	165	38997	7.067	ng	# 30
57) 2,4-Dinitrotoluene	14.49	165	38997	5.212	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	25170	3.302	ng	# 1

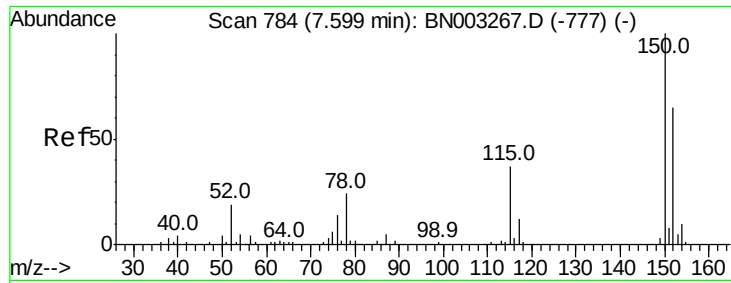
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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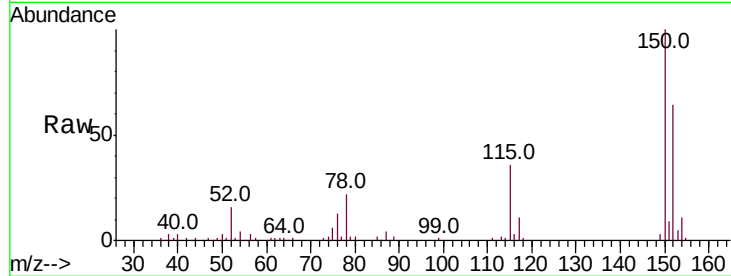


#1

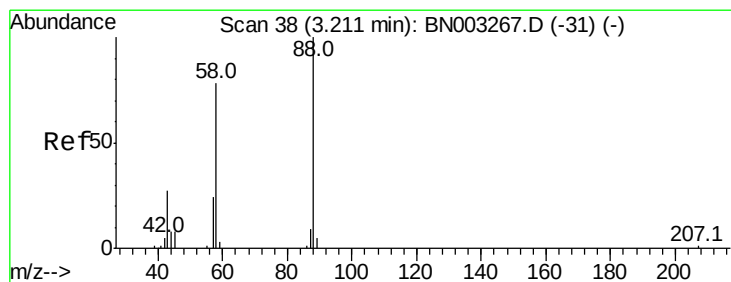
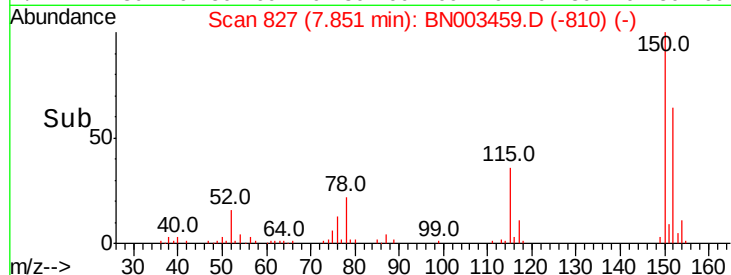
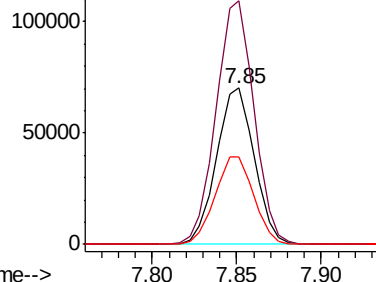
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 109342
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.8
115 56.3 45.9 68.9



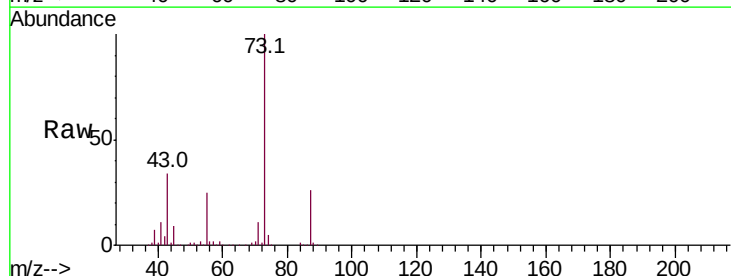
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



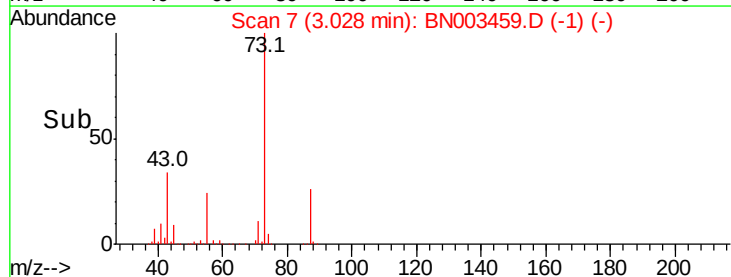
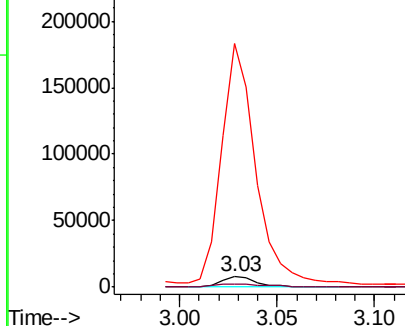
#2

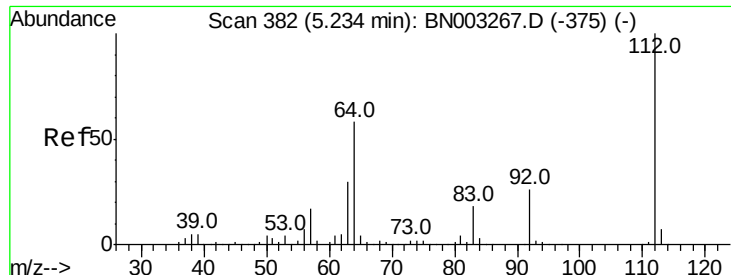
1,4-Dioxane
Concen: 3.499 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Tgt Ion: 88 Resp: 10430
Ion Ratio Lower Upper
88 100
58 27.9 61.1 91.7#
43 2141.1 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BNC
250000 Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

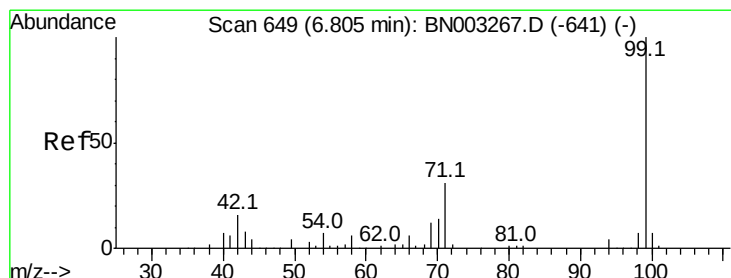
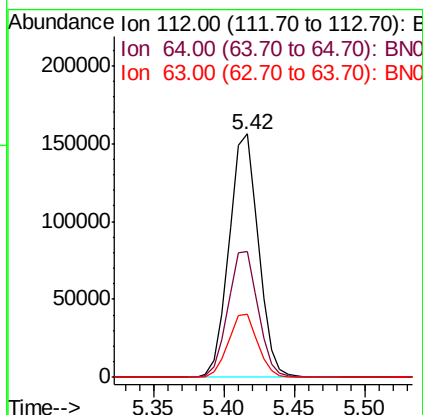
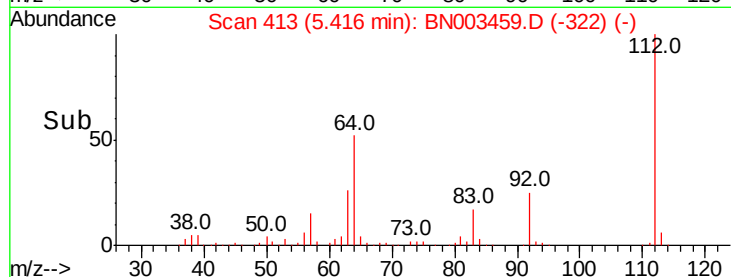
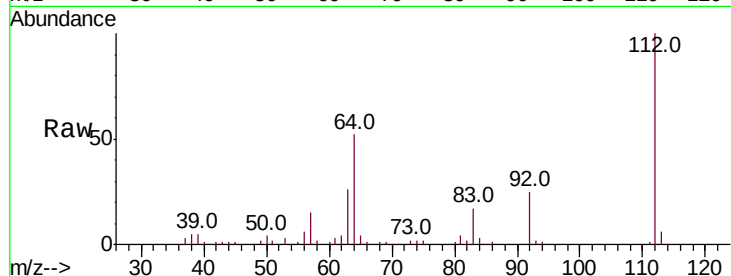




#5
2-Fluorophenol
Concen: 36.041 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

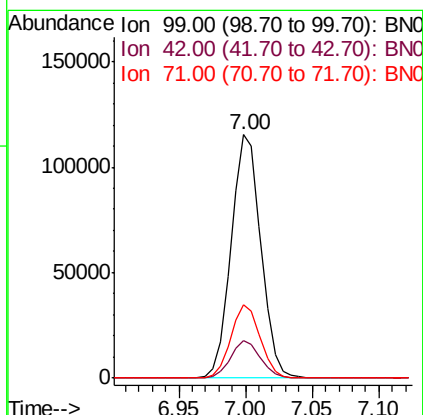
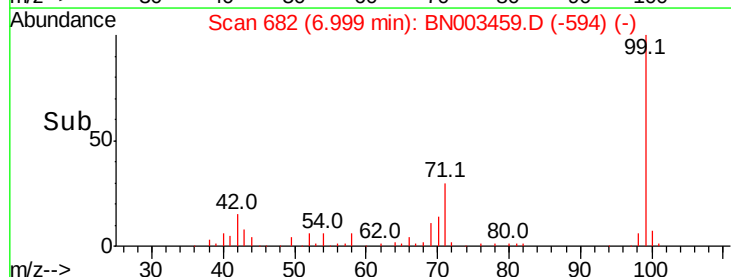
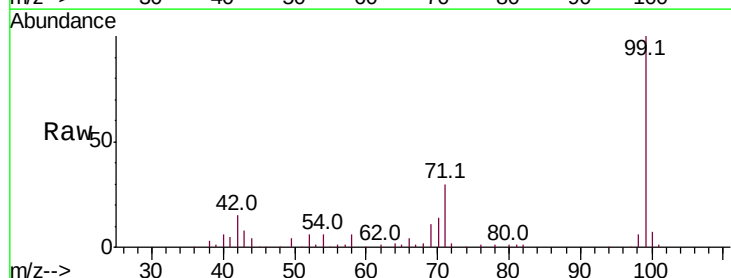
Instrument :
BNA_N
ClientSampled :

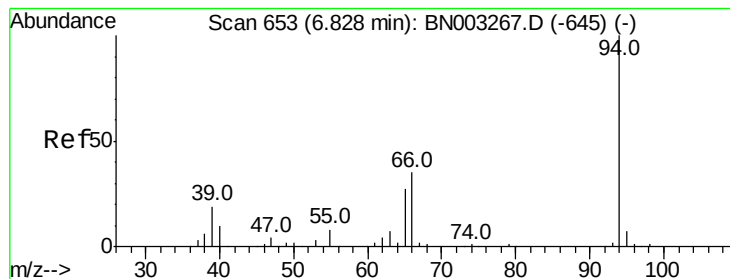
Tot Ion:	112	Resp:	226255
Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.6	69.8
63	26.2	23.8	35.8



#7
Phenol-d6
Concen: 20.080 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Tgt Ion:	99	Resp:	179249
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.6
71	30.2	24.5	36.7





#10

Phenol

Concen: 3.861 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003459.D

Acq: 07 Nov 2018 19:30

Instrument :

BNA_N

ClientSampleId :

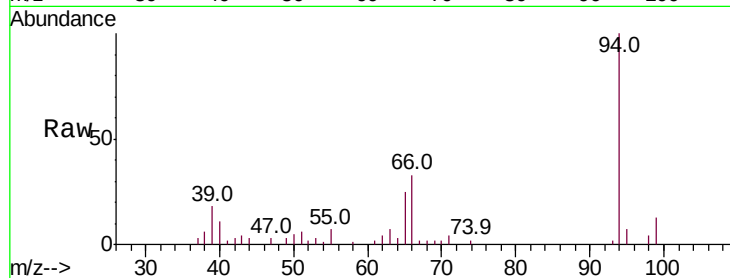
Tot Ion: 94 Resp: 36369

Ion Ratio Lower Upper

94 100

65 25.2 7.7 47.7

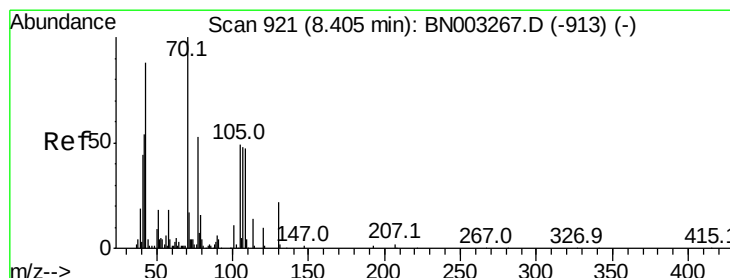
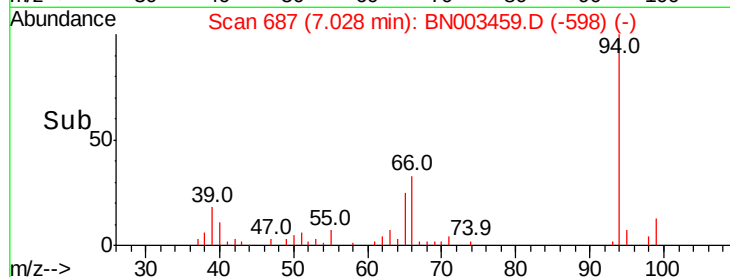
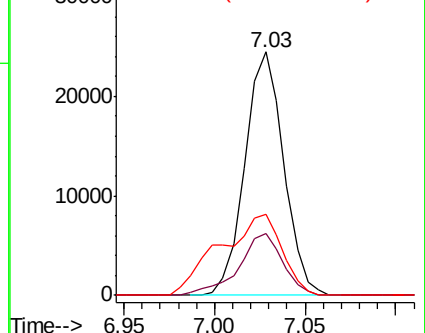
66 33.3 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BN003267.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BN003267.D (-645) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 14.043 ng

RT: 9.02 min Scan# 1026

Delta R.T. 0.36 min

Lab File: BN003459.D

Acq: 07 Nov 2018 19:30

Tgt Ion: 70 Resp: 90398

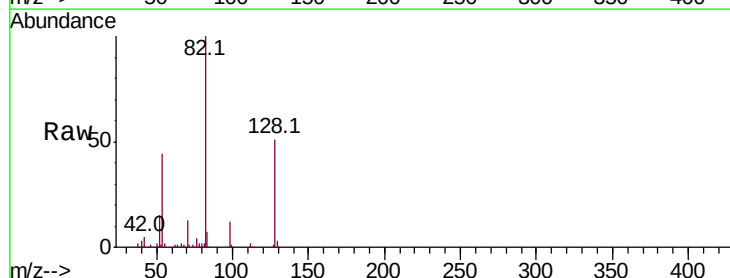
Ion Ratio Lower Upper

70 100

42 42.0 43.5 65.3#

101 0.0 8.6 12.8#

130 2.7 18.0 27.0#

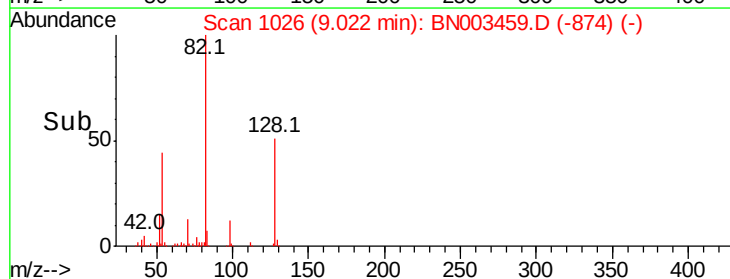
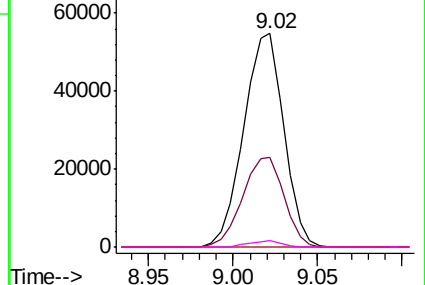


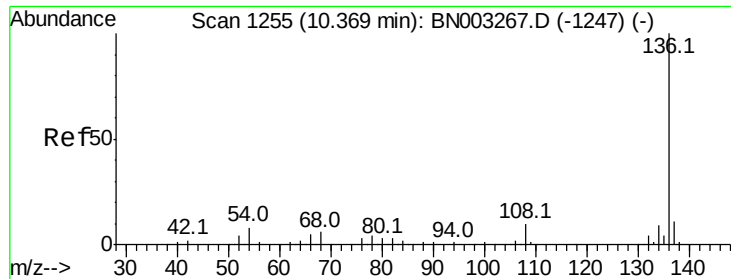
Abundance Ion 70.00 (69.70 to 70.70): BN003267.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BN003267.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-913) (-)

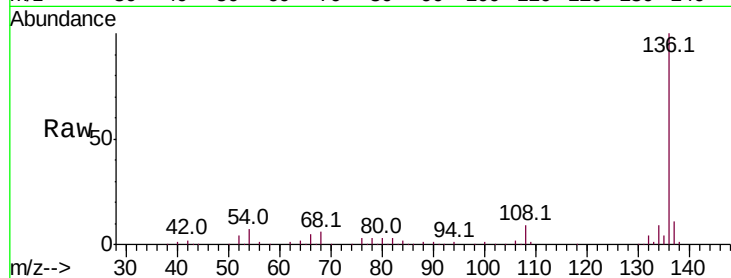




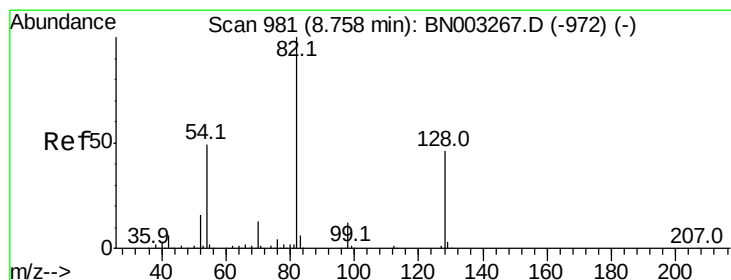
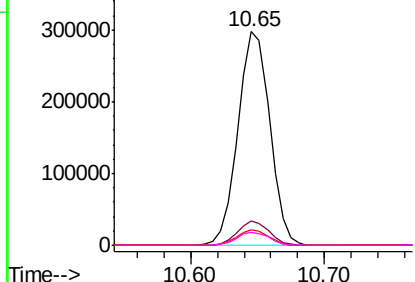
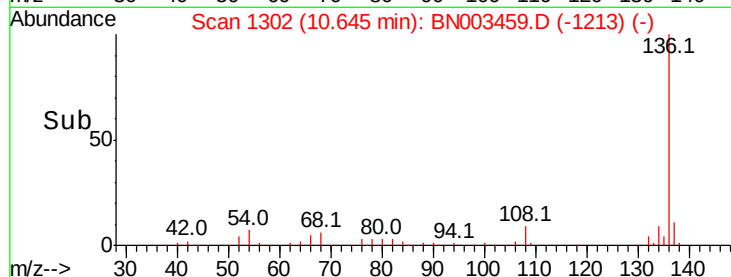
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:	136	Resp:	491245
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.5	6.6	10.0
68	6.2	4.6	7.0

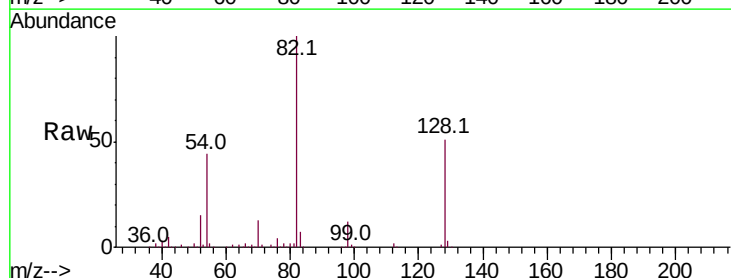


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

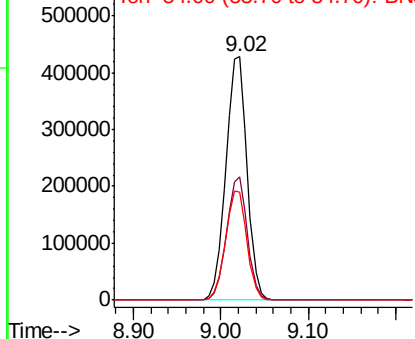
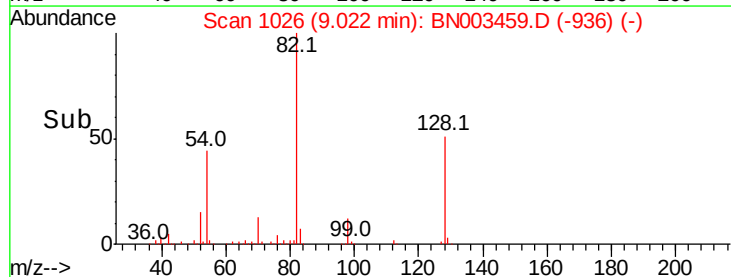


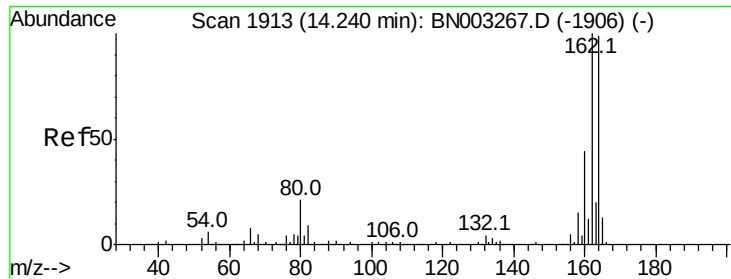
#23
Nitrobenzene-d5
Concen: 83.278 ng
RT: 9.02 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Tgt Ion:	82	Resp:	713348
Ion	Ratio	Lower	Upper
82	100		
128	50.8	37.1	55.7
54	44.1	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: BN003459.D

Acq: 07 Nov 2018 19:30

Instrument :

BNA_N

ClientSampleId :

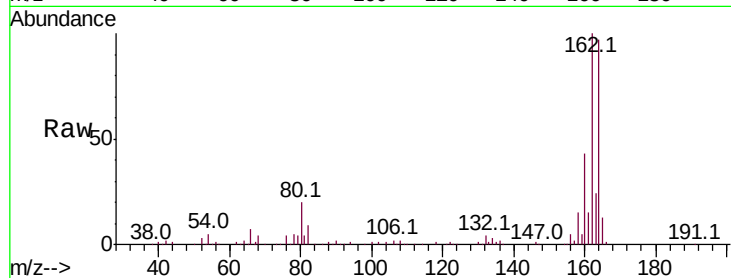
Tot Ion:164 Resp: 300678

Ion Ratio Lower Upper

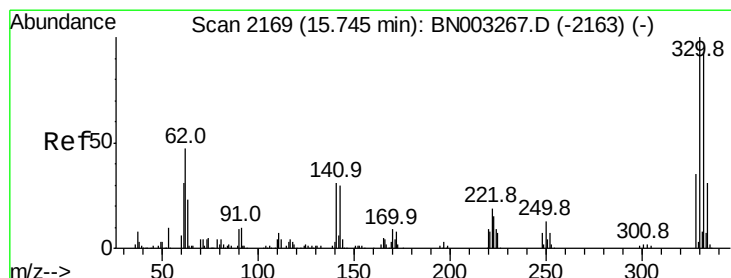
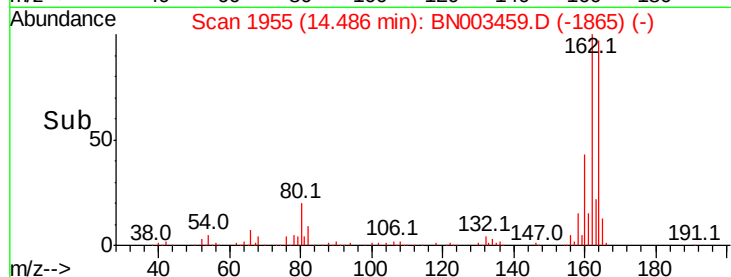
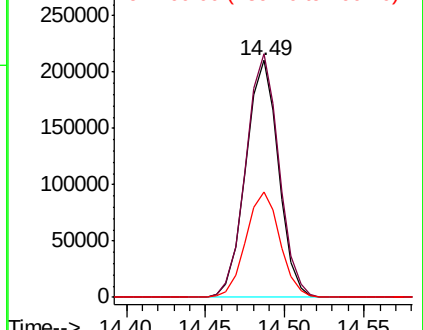
164 100

162 102.8 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: 96.412 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003459.D

Acq: 07 Nov 2018 19:30

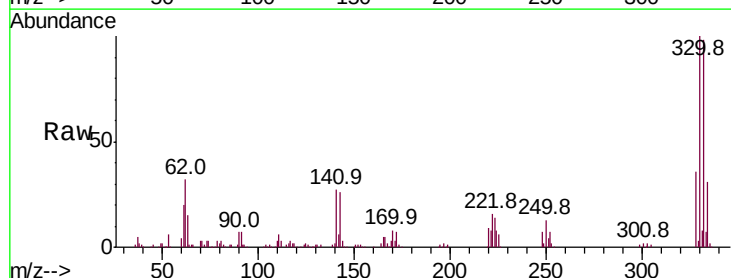
Tgt Ion:330 Resp: 390347

Ion Ratio Lower Upper

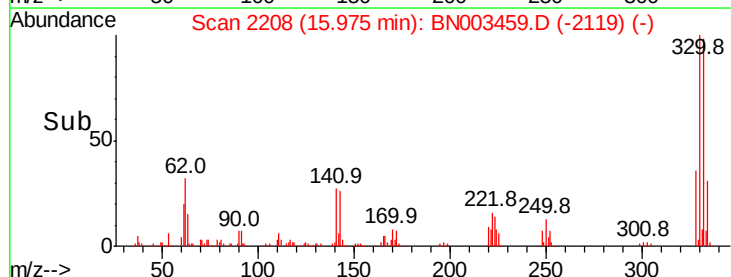
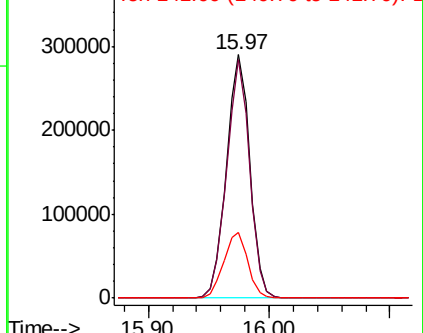
330 100

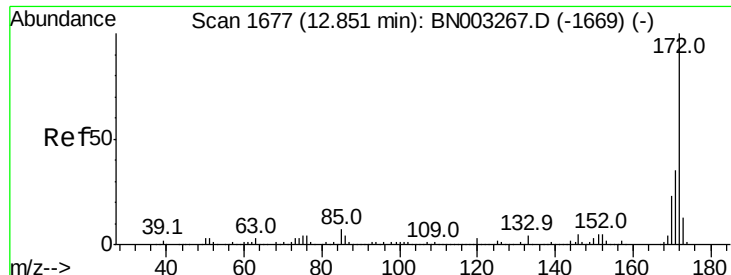
332 96.1 76.6 114.8

141 27.6 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

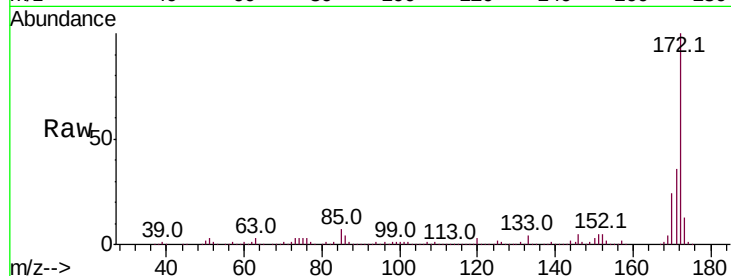




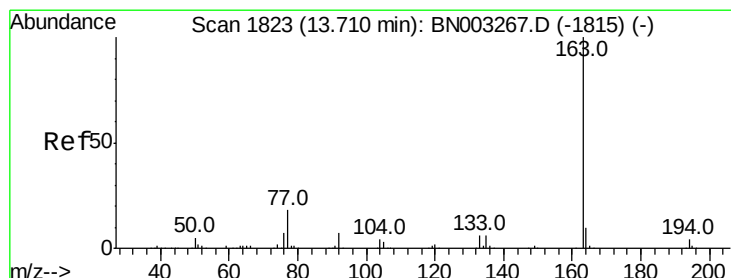
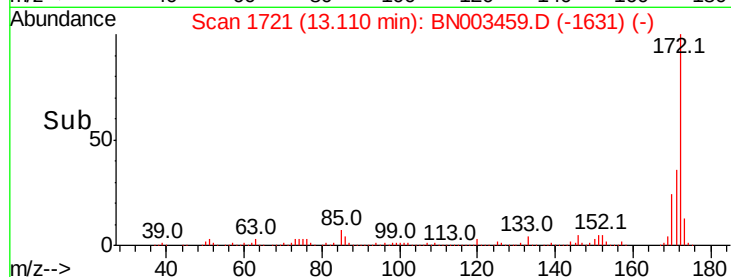
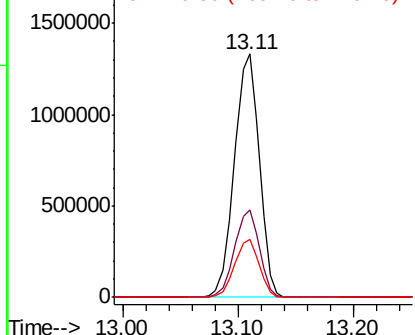
#45
2-Fluorobiphenyl
Concen: 89.575 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1985602
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 23.7 18.4 27.6

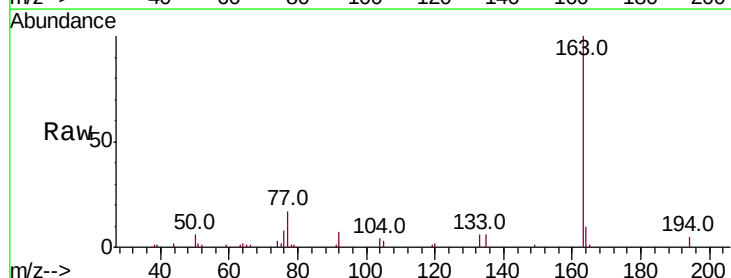


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

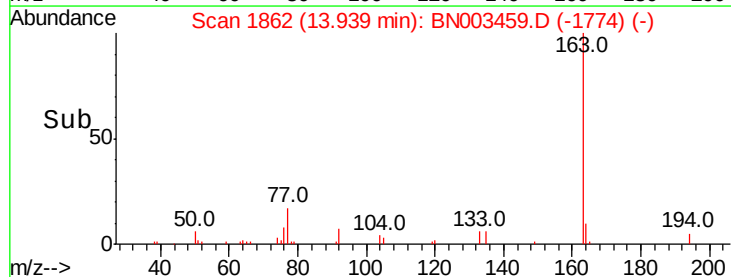
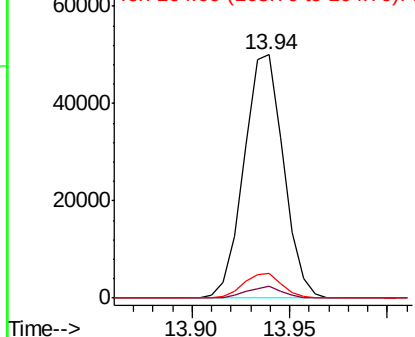


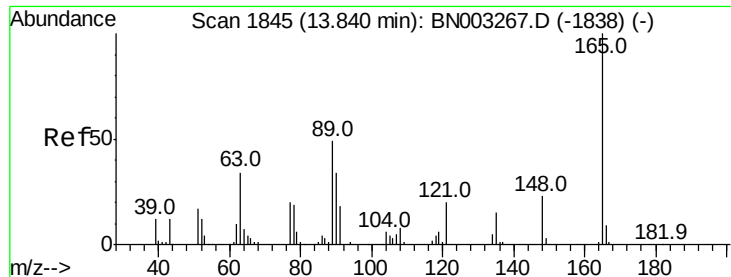
#50
Dimethylphthalate
Concen: 2.888 ng
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Tgt Ion:163 Resp: 70215
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

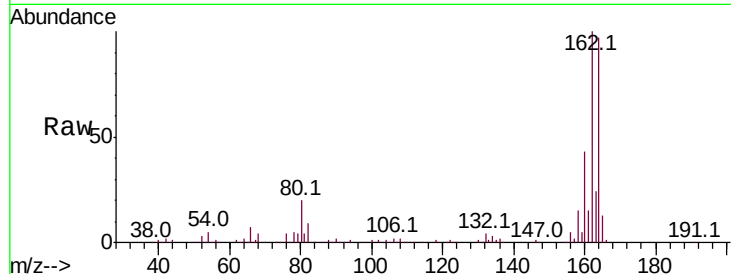




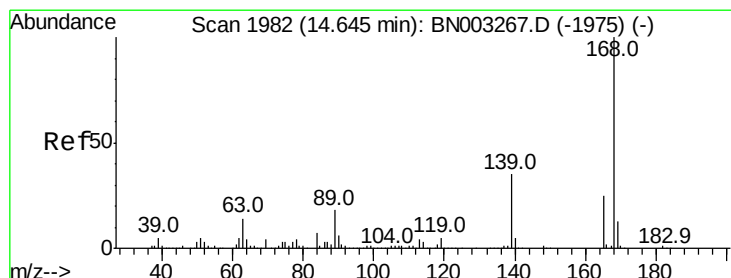
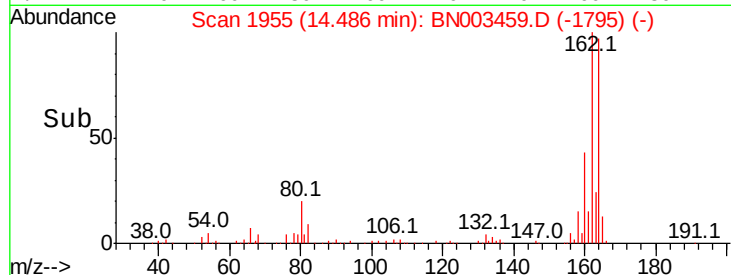
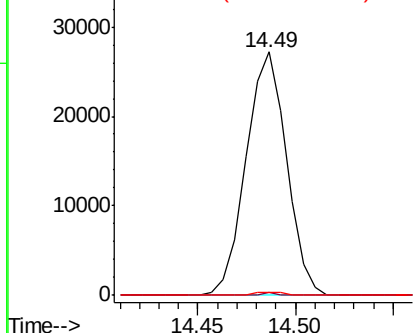
#51
 2,6-Dinitrotoluene
 Concen: 7.067 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. 0.41 min
 Lab File: BN003459.D
 Acq: 07 Nov 2018 19:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.2	58.8#
89	1.3	38.9	58.3#

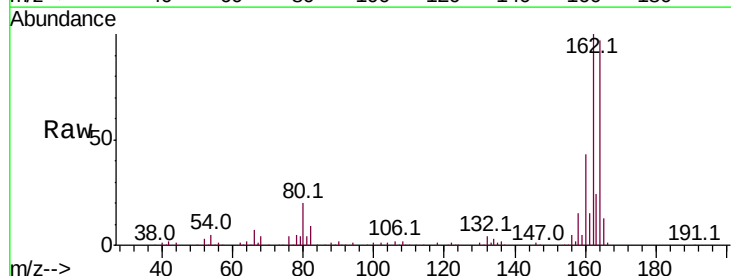


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

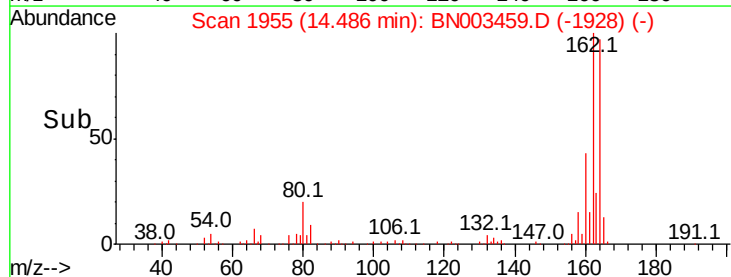
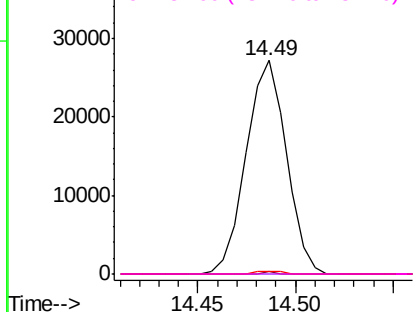


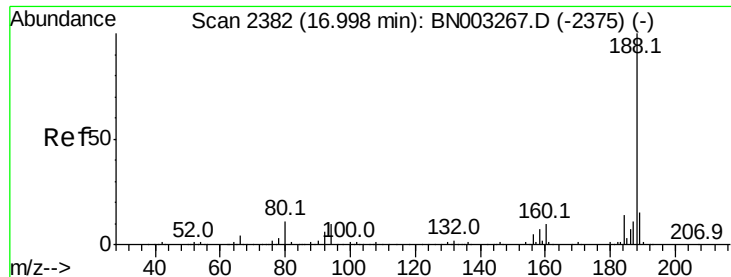
#57
 2,4-Dinitrotoluene
 Concen: 5.212 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003459.D
 Acq: 07 Nov 2018 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.8	68.6#
89	1.3	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: BN003459.D

Acq: 07 Nov 2018 19:30

Instrument :

BNA_N

ClientSampleId :

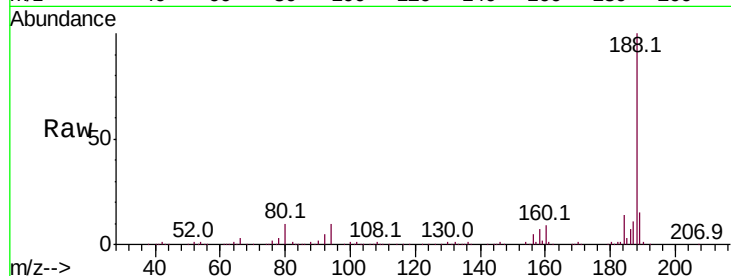
Tot Ion:188 Resp: 676728

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

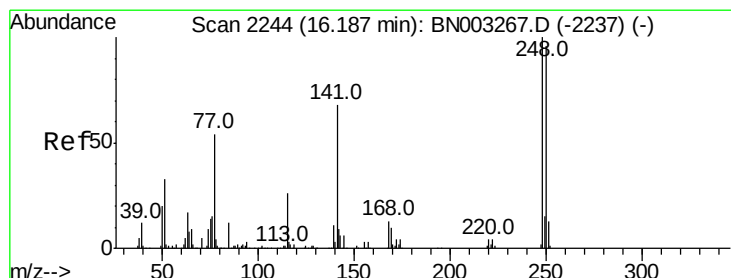
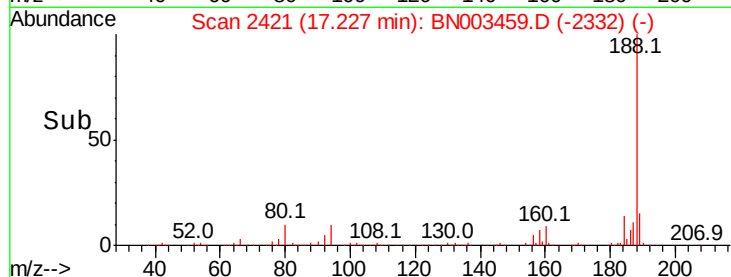
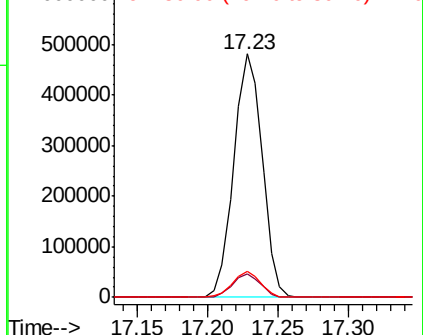
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#67

4-Bromophenyl-phenylether

Concen: 3.302 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BN003459.D

Acq: 07 Nov 2018 19:30

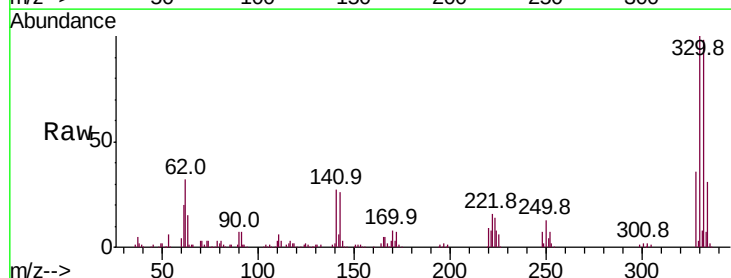
Tgt Ion:248 Resp: 25170

Ion Ratio Lower Upper

248 100

250 195.9 76.4 114.6#

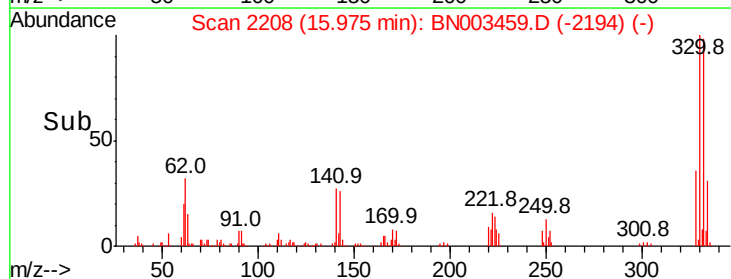
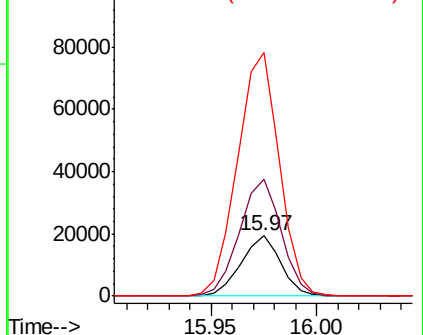
141 405.7 54.2 81.4#

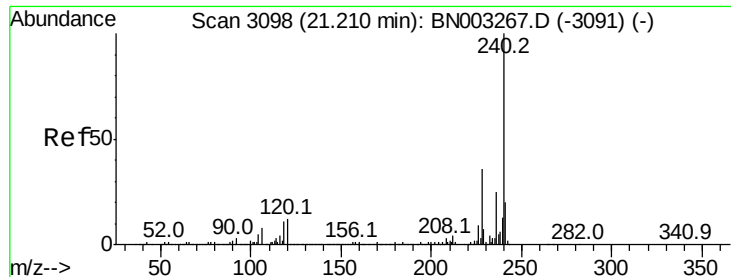


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

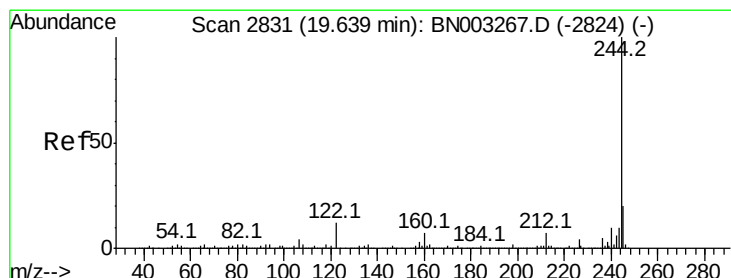
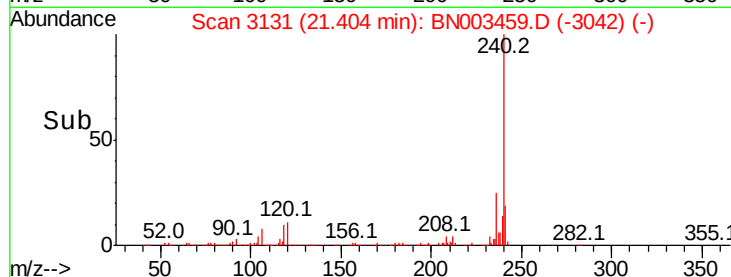
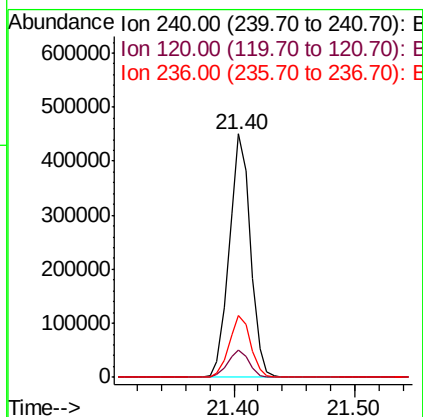
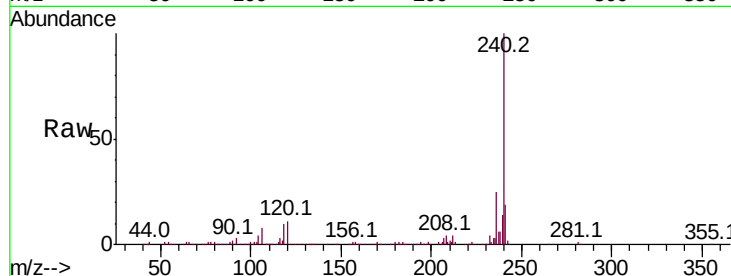




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003459.D
 Acq: 07 Nov 2018 19:30

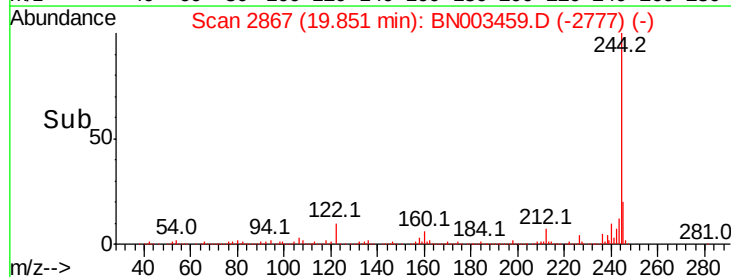
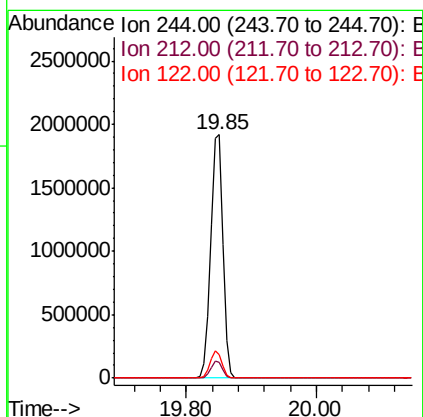
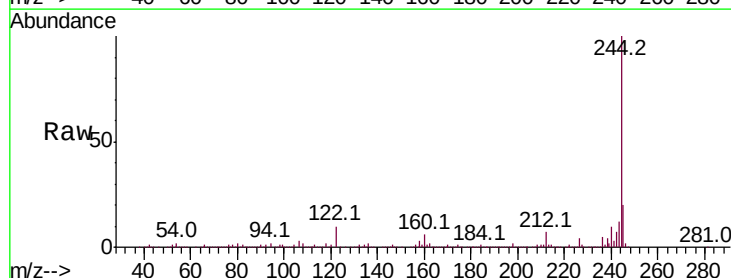
Instrument :
 BNA_N
 ClientSampleId :

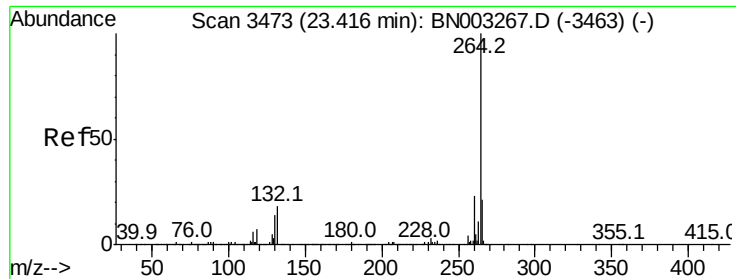
Tot Ion:240 Resp: 548608
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.4 14.0
 236 25.3 20.3 30.5



#79
 Terphenyl-d14
 Concen: 96.995 ng
 RT: 19.85 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BN003459.D
 Acq: 07 Nov 2018 19:30

Tgt Ion:244 Resp: 2488229
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 9.4 14.2

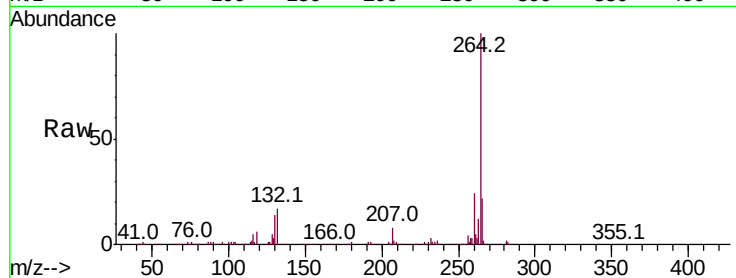




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003459.D
Acq: 07 Nov 2018 19:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.0	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

