

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110618\
 Data File : BN003439.D
 Acq On : 06 Nov 2018 19:44
 Operator : MJ/SJ
 Sample : J5772-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 08:29:15 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

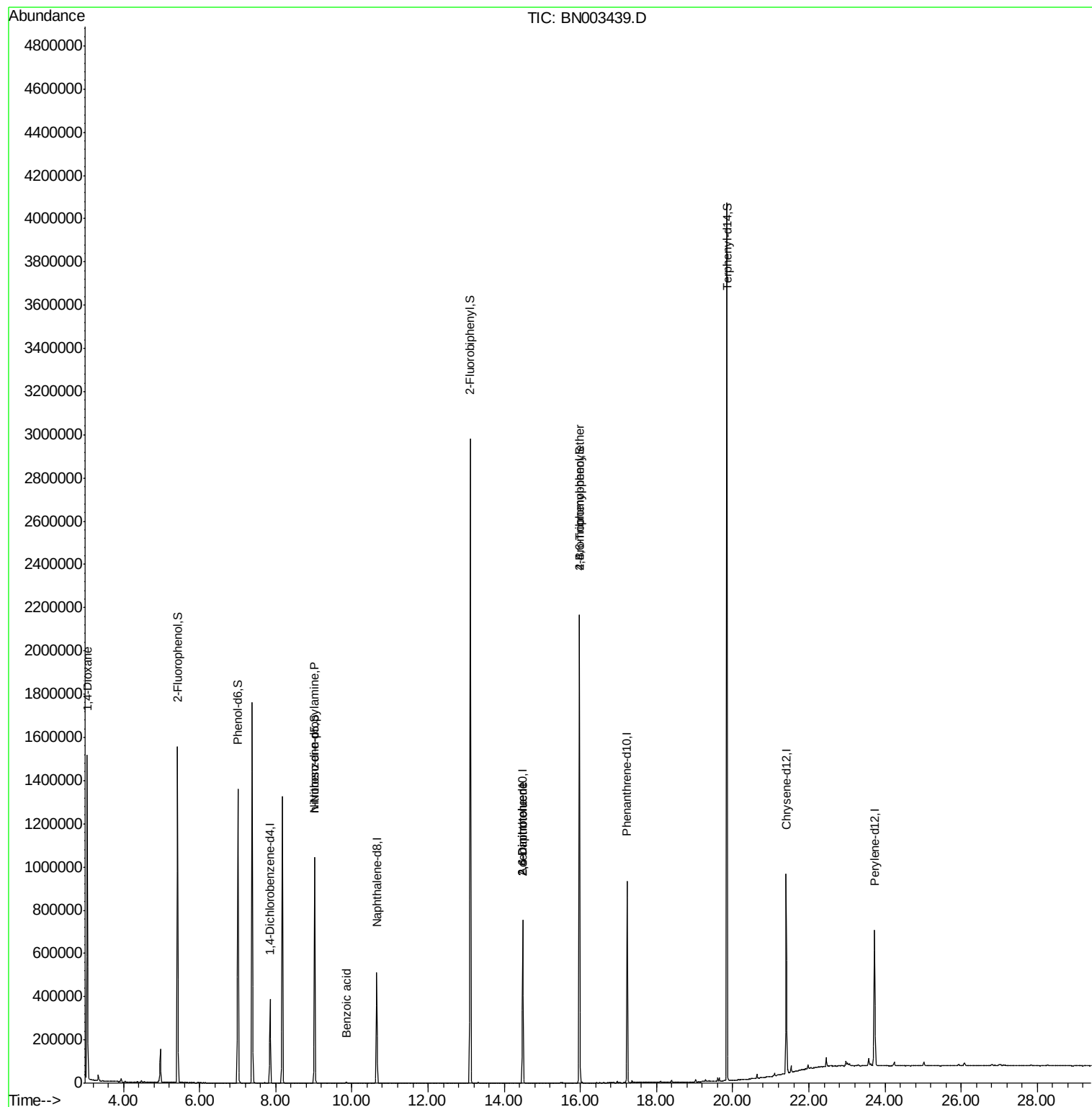
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106750	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	437504	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	251665	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	528357	20.00	ng	0.00
76) Chrysene-d12	21.41	240	437262	20.00	ng	0.00
87) Perylene-d12	23.72	264	455116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	700576	114.31	ng	0.01
7) Phenol-d6	7.01	99	840434	96.44	ng	0.00
23) Nitrobenzene-d5	9.02	82	597425	78.31	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	464479	137.06	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1580866	85.21	ng	0.00
79) Terphenyl-d14	19.85	244	1964419	96.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.05	88	11182	3.84	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	75266	11.98	ng	# 75
32) Benzoic acid	9.85	122	1425	5.26	ng	# 93
51) 2,6-Dinitrotoluene	14.49	165	31661	6.86	ng	# 28
57) 2,4-Dinitrotoluene	14.49	165	31661	5.06	ng	# 19
67) 4-Bromophenyl-phenylether	15.97	248	30049	5.05	ng	# 1

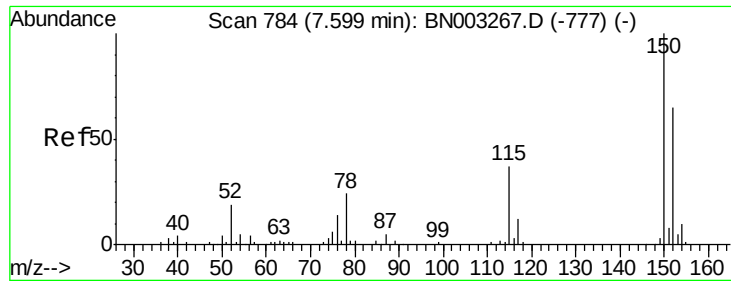
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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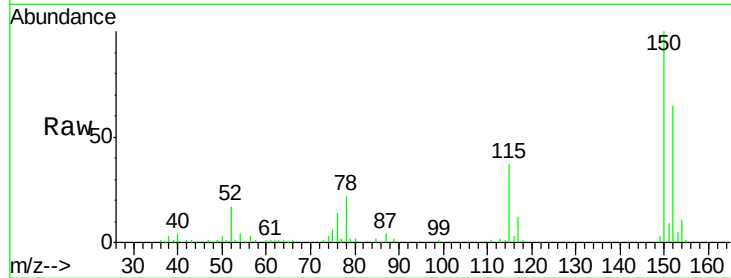


#1

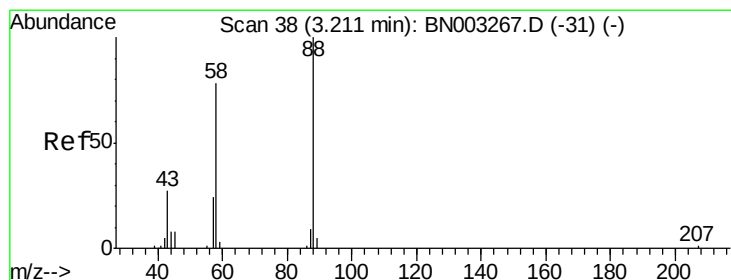
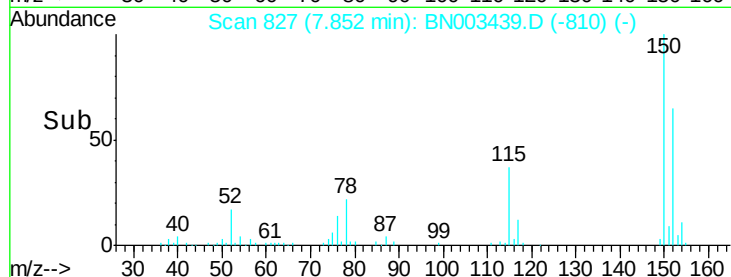
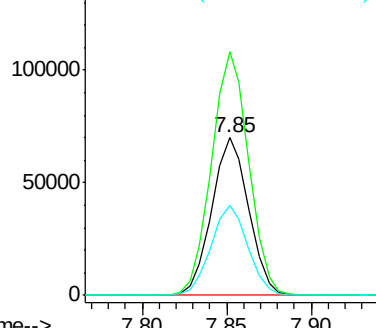
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.8
115	57.2	45.9	68.9



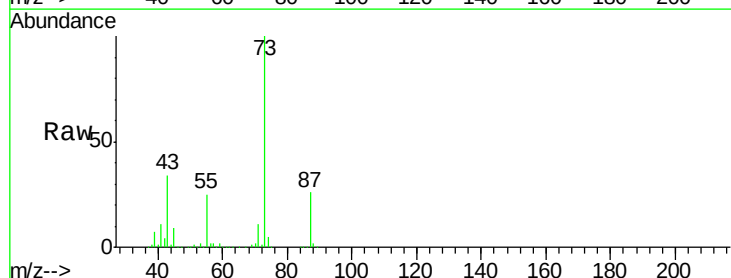
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



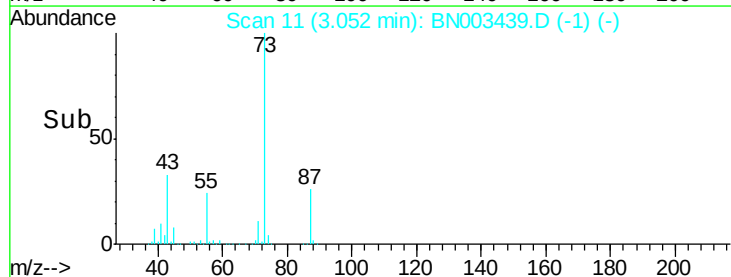
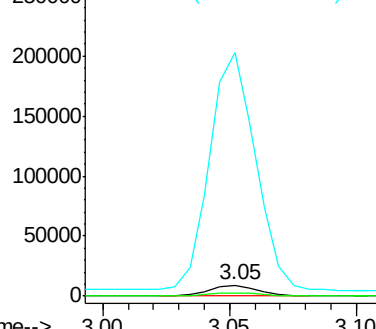
#2

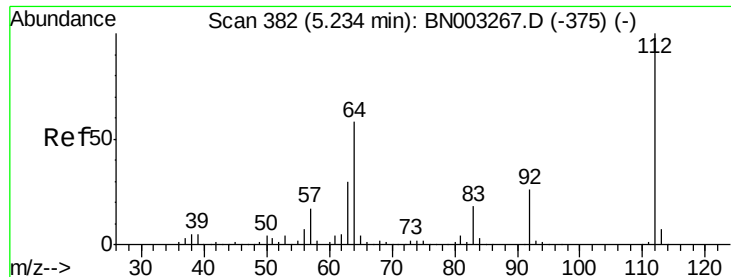
1,4-Dioxane
Concen: 3.84 ng
RT: 3.05 min Scan# 11
Delta R.T. -0.28 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	26.1	61.1	91.7#
43	2263.5	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: 114.31 ng

RT: 5.42 min Scan# 414

Delta R.T. 0.01 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

Instrument :

BNA_N

ClientSampleId :

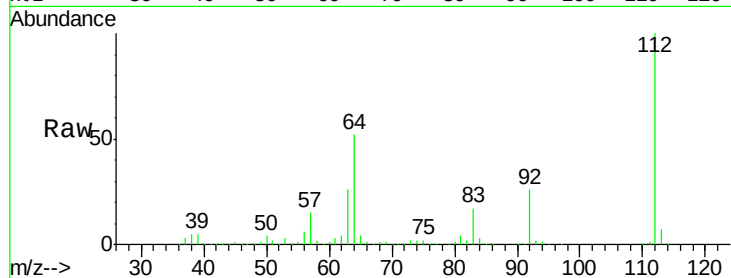
Tot Ion:112 Resp: 700576

Ion Ratio Lower Upper

112 100

64 52.1 46.6 69.8

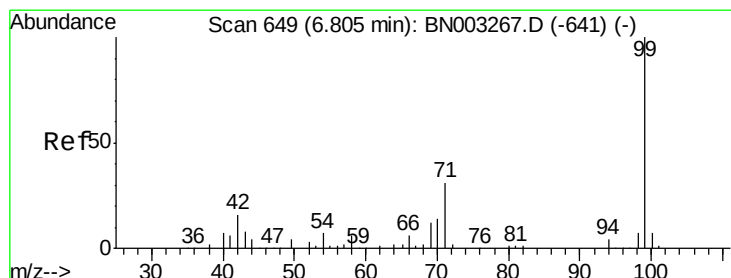
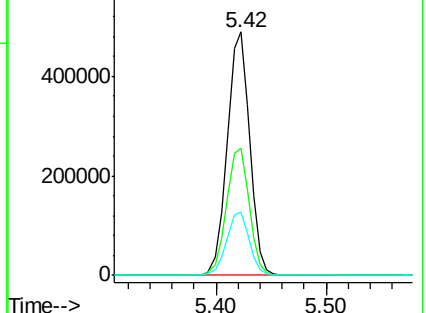
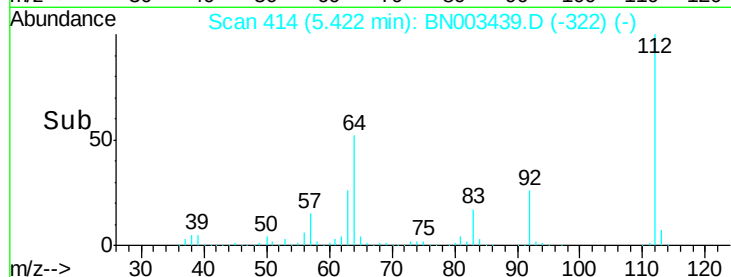
63 25.7 23.8 35.8



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: 96.44 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

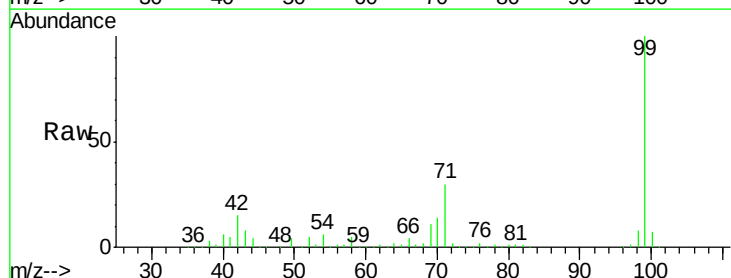
Tgt Ion: 99 Resp: 840434

Ion Ratio Lower Upper

99 100

42 14.9 13.0 19.6

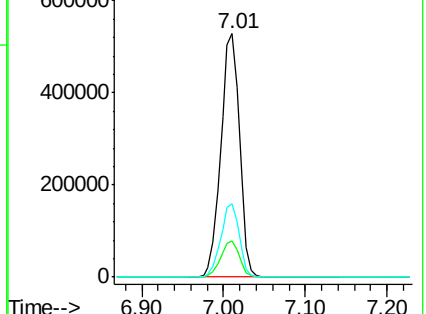
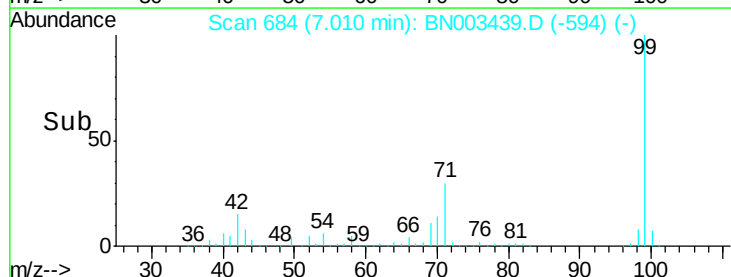
71 30.2 24.5 36.7

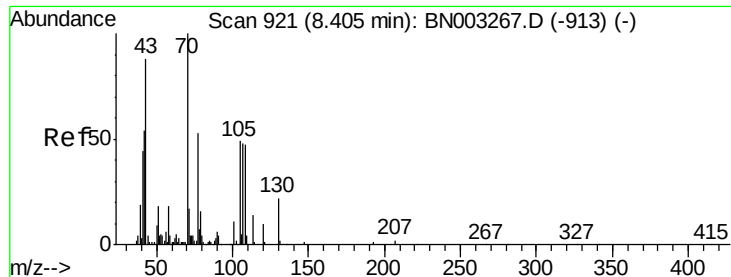


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

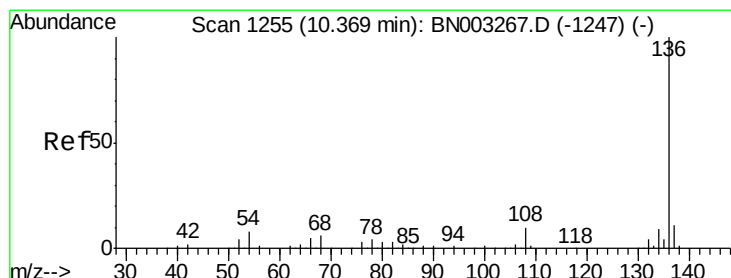
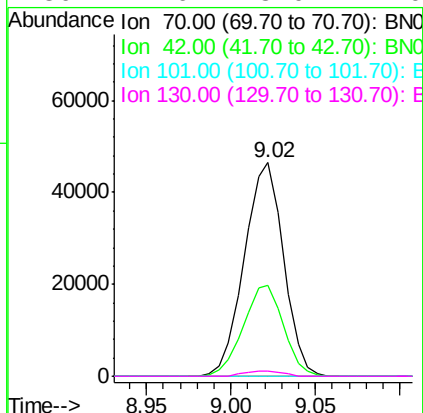
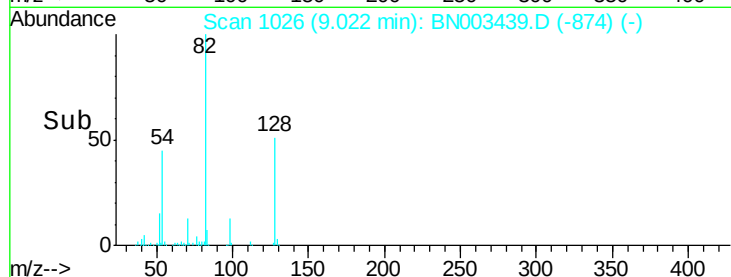
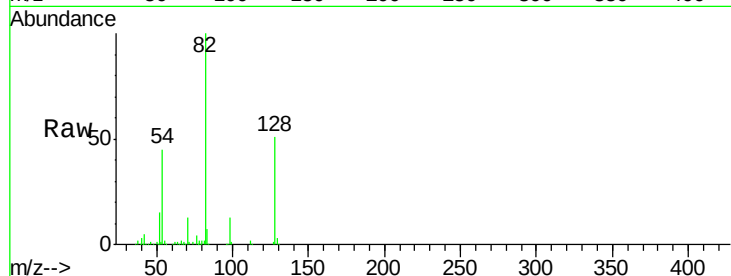




#19
n-Nitroso-di-n-propylamine
Concen: 11.98 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

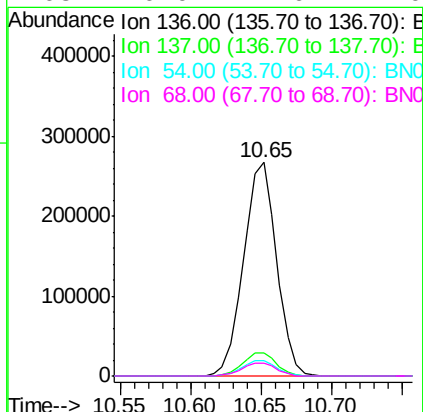
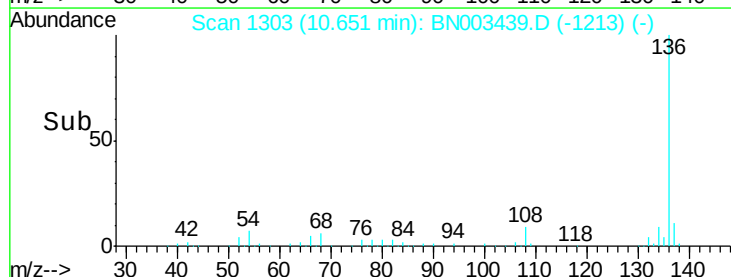
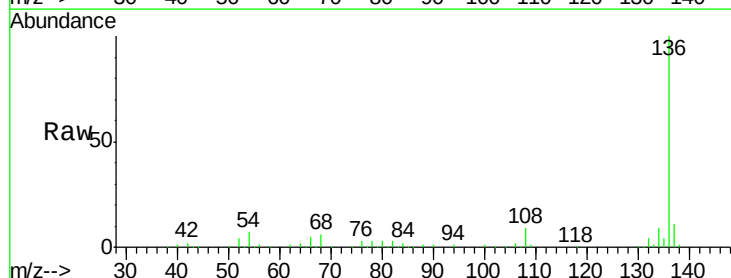
Instrument :
BNA_N
ClientSampleId :

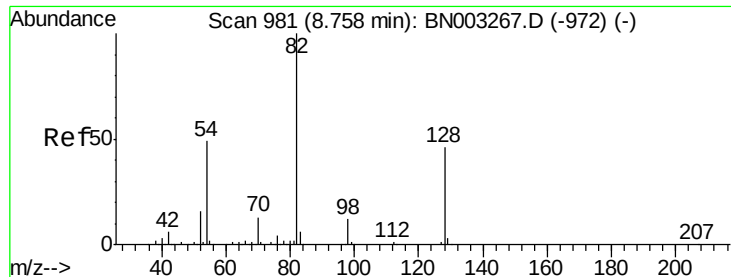
Tot Ion: 70 Resp: 75266
Ion Ratio Lower Upper
70 100
42 42.3 43.5 65.3#
101 0.0 8.6 12.8#
130 2.6 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Tgt Ion: 136 Resp: 437504
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.0 6.6 10.0
68 6.0 4.6 7.0

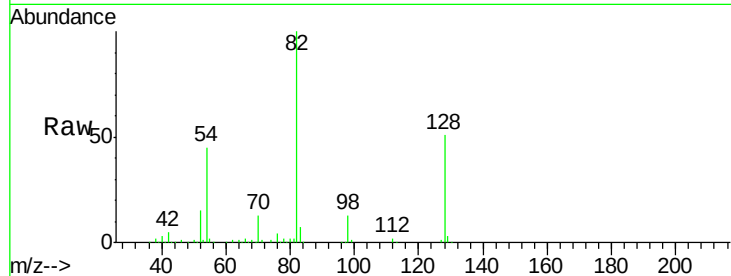




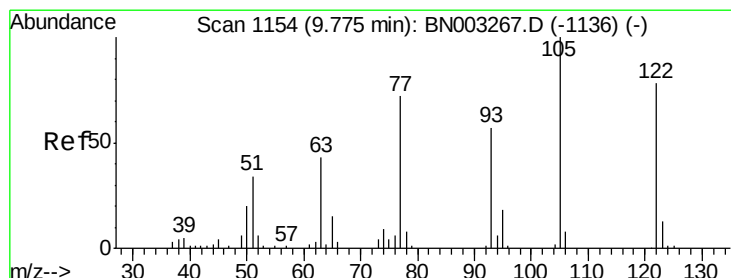
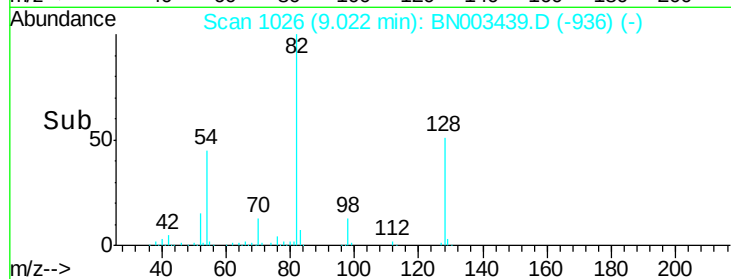
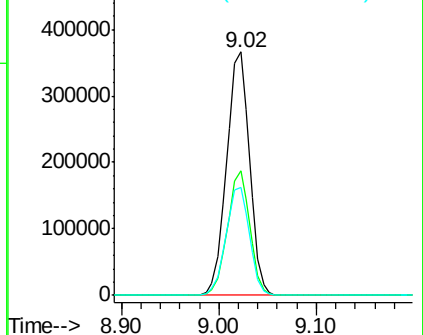
#23
Nitrobenzene-d5
Concen: 78.31 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Instrument :
BNA_N
ClientSampled :

Tot Ion: 82 Resp: 597425
Ion Ratio Lower Upper
82 100
128 50.9 37.1 55.7
54 44.5 39.4 59.2

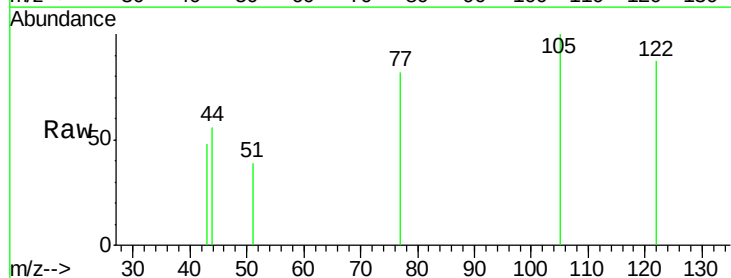


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

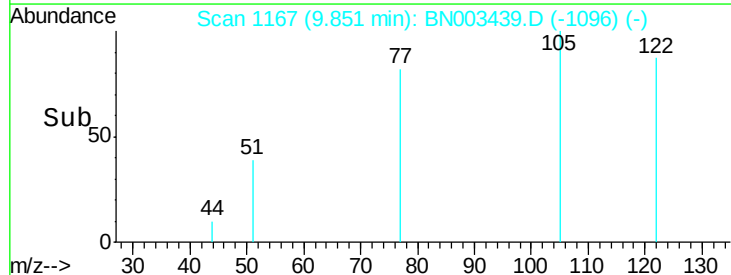
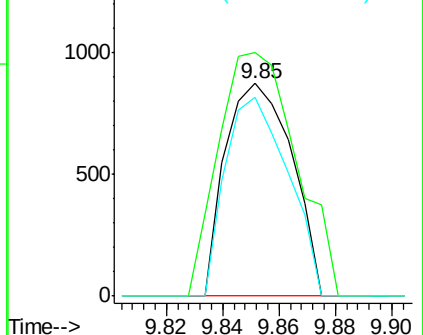


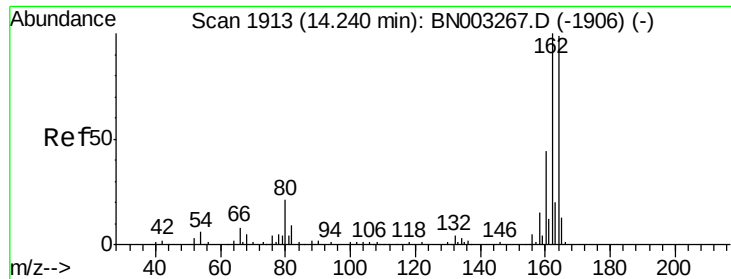
#32
Benzoic acid
Concen: 5.26 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Tgt Ion:122 Resp: 1425
Ion Ratio Lower Upper
122 100
105 114.5 106.8 146.8
77 93.7 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 77.00 (76.70 to 77.70): BN0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

Instrument :

BNA_N

ClientSampleId :

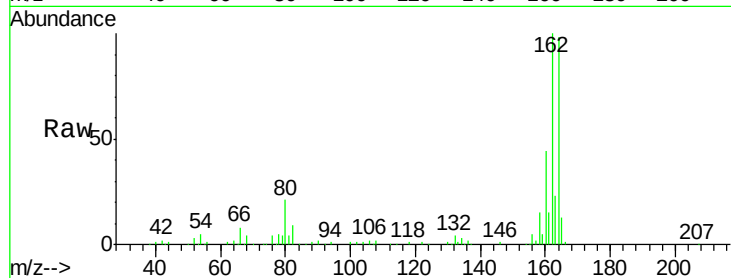
Tot Ion:164 Resp: 251665

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

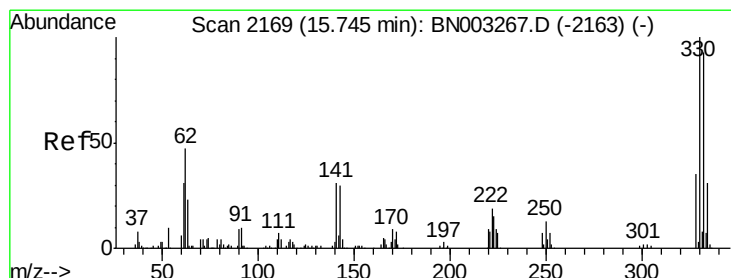
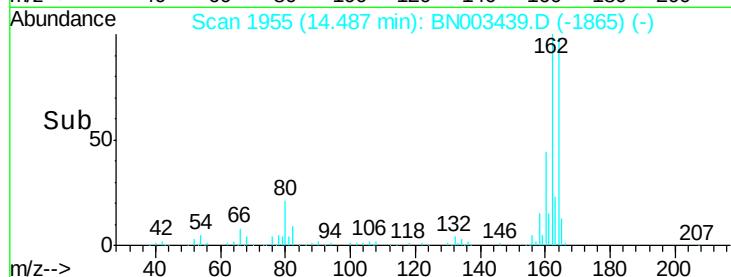
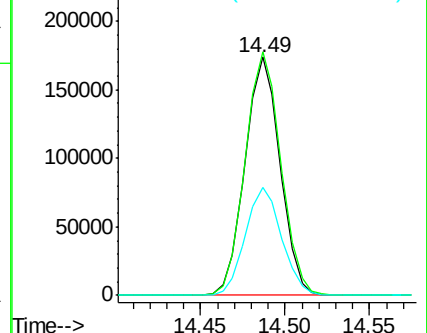
160 45.5 35.5 53.3



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: 137.06 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

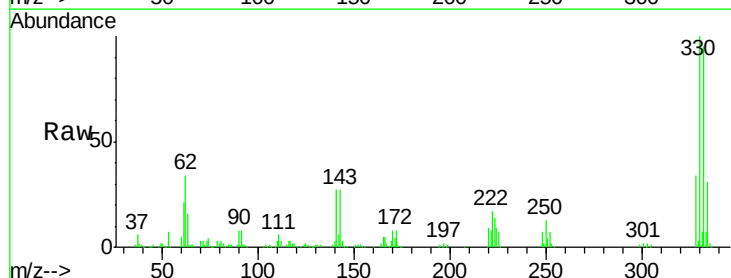
Tgt Ion:330 Resp: 464479

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

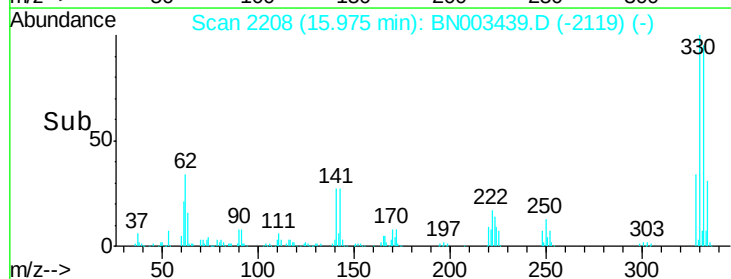
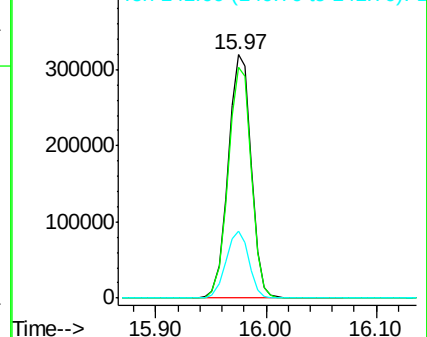
141 27.4 24.5 36.7

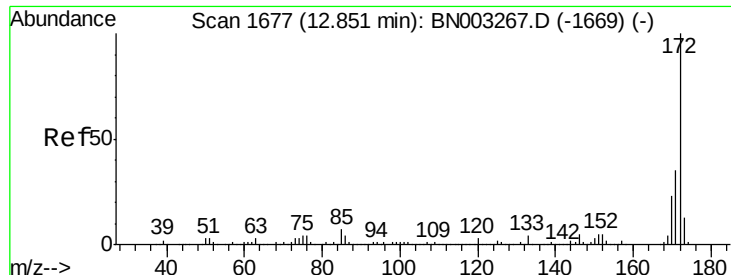


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

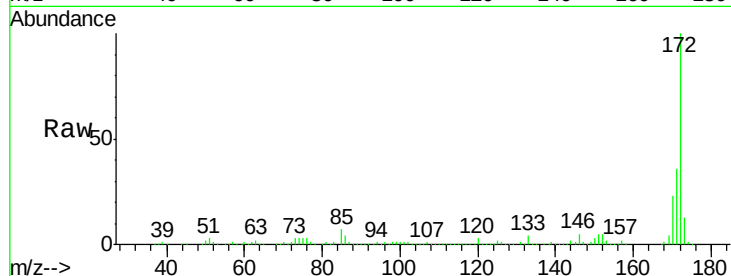




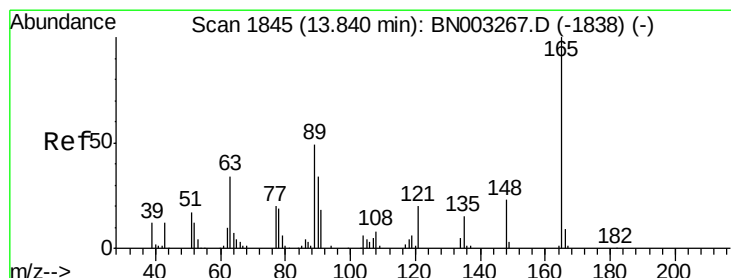
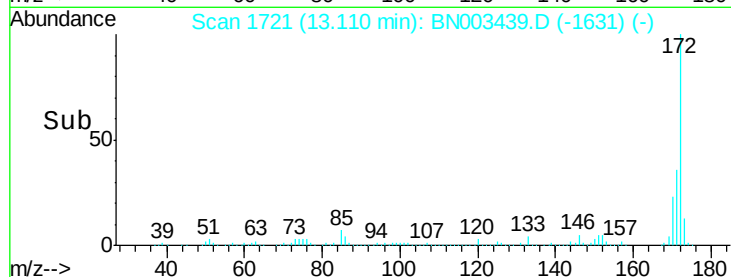
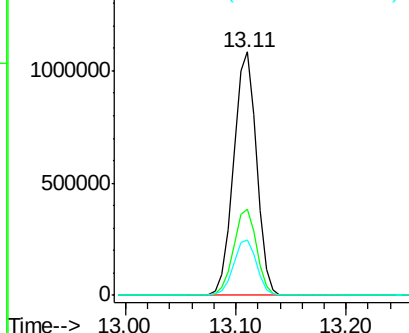
#45
2-Fluorobiphenyl
Concen: 85.21 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 1580866
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.0 18.4 27.6

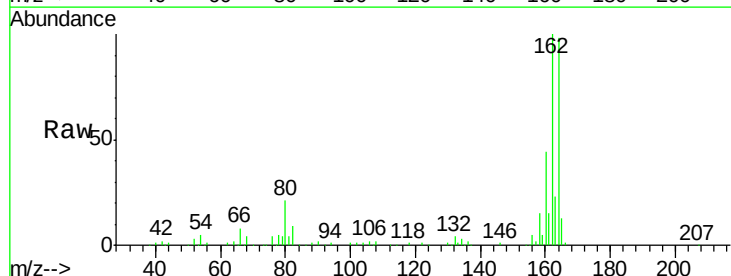


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

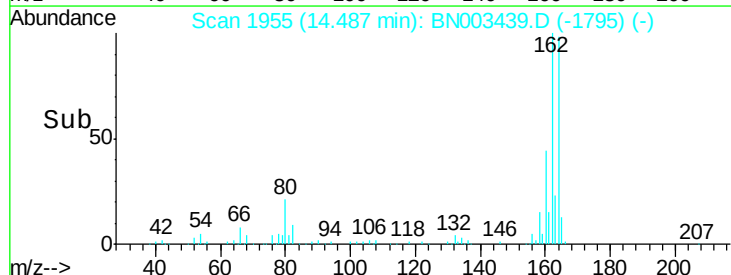
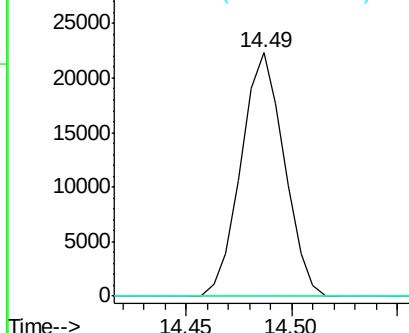


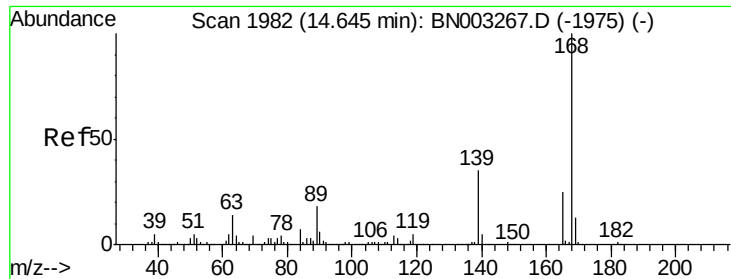
#51
2,6-Dinitrotoluene
Concen: 6.86 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003439.D
Acq: 06 Nov 2018 19:44

Tgt Ion:165 Resp: 31661
Ion Ratio Lower Upper
165 100
63 0.0 39.2 58.8#
89 0.0 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

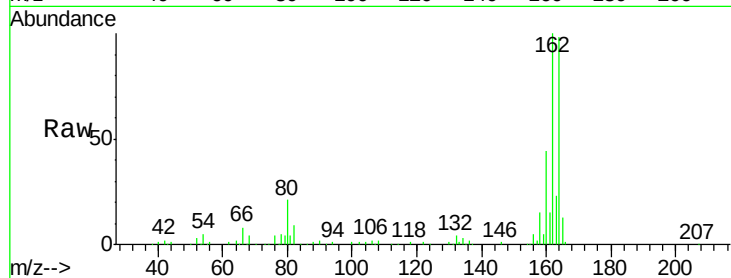




#57
 2,4-Dinitrotoluene
 Concen: 5.06 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.37 min
 Lab File: BN003439.D
 Acq: 06 Nov 2018 19:44

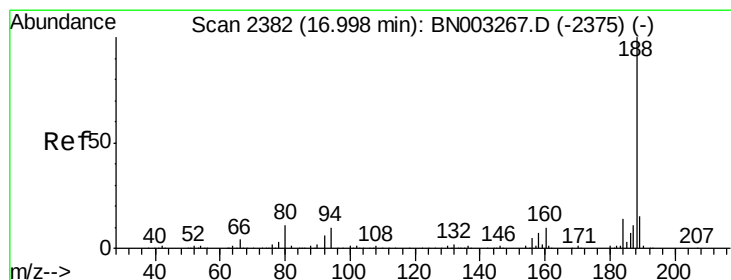
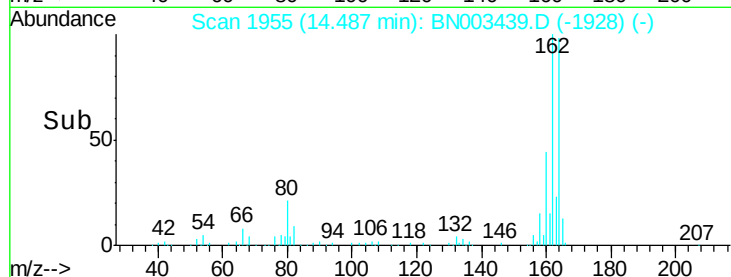
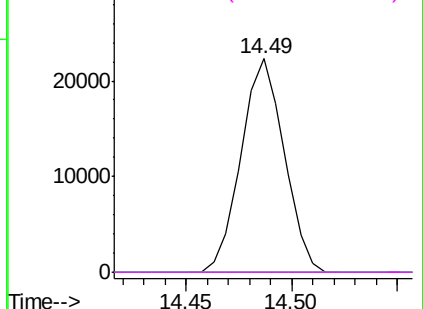
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 31661
 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#



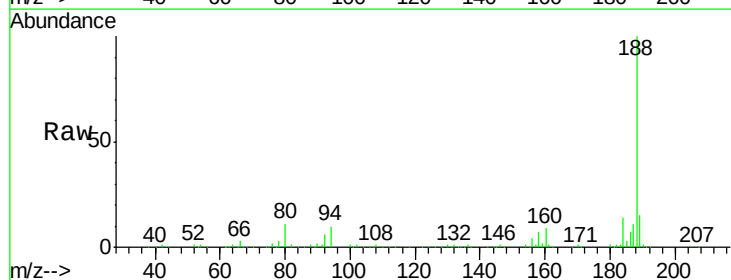
Abundance Ion 165.00 (164.70 to 165.70): E

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



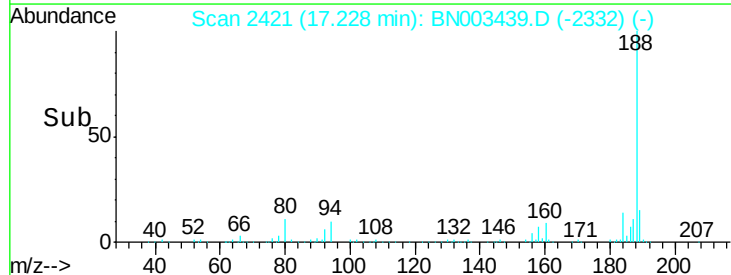
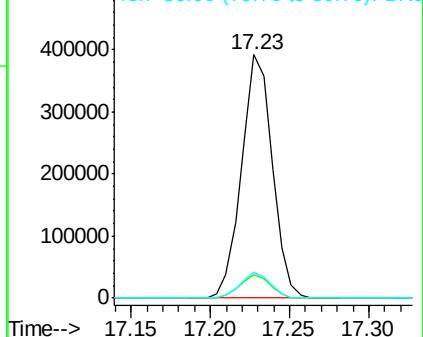
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003439.D
 Acq: 06 Nov 2018 19:44

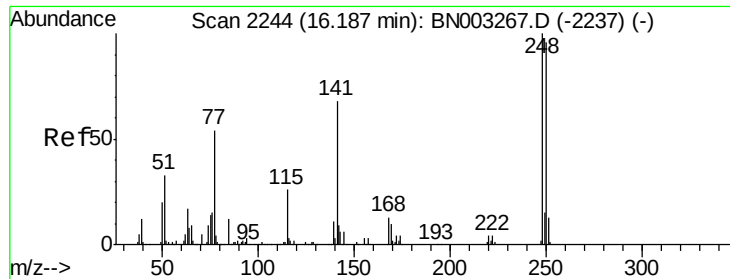
Tgt Ion:188 Resp: 528357
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.6 8.6 13.0



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

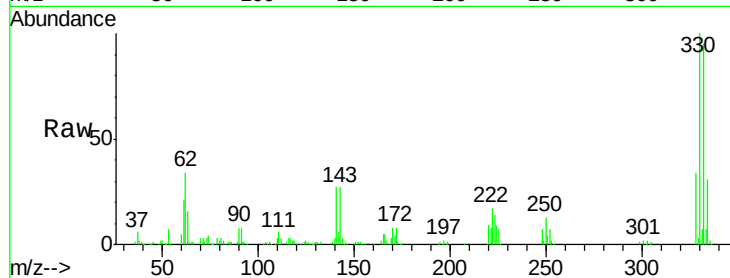




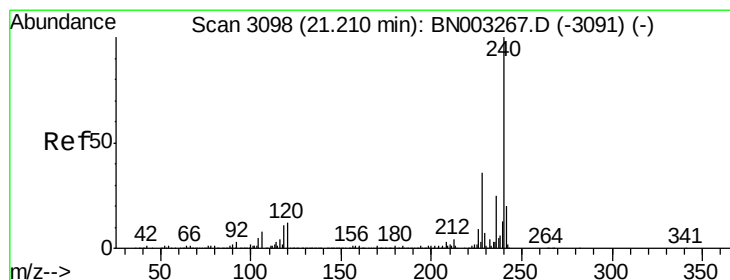
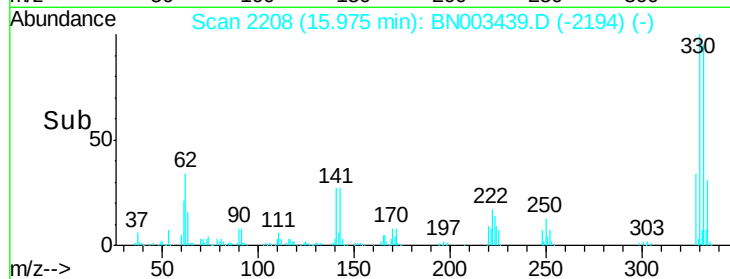
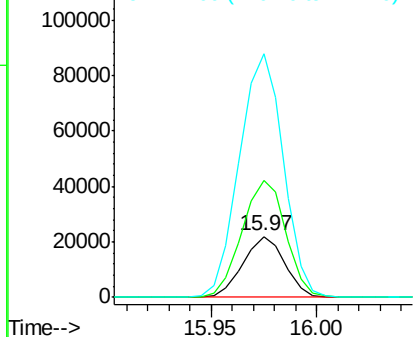
#67
 4-Bromophenyl-phenylether
 Concen: 5.05 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BN003439.D
 Acq: 06 Nov 2018 19:44

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 30049
 Ion Ratio Lower Upper
 248 100
 250 192.7 76.4 114.6#
 141 400.3 54.2 81.4#

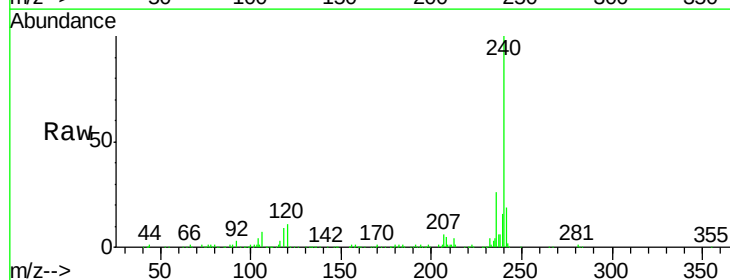


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

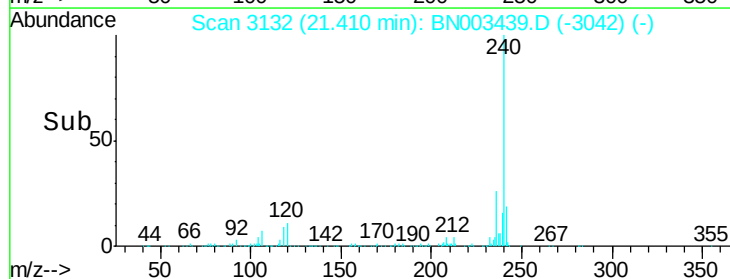
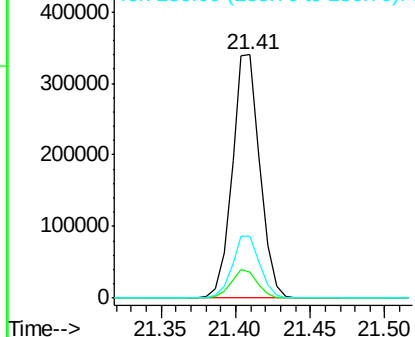


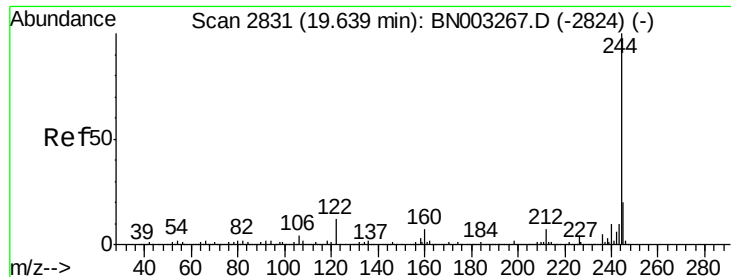
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BN003439.D
 Acq: 06 Nov 2018 19:44

Tgt Ion:240 Resp: 437262
 Ion Ratio Lower Upper
 240 100
 120 10.5 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





#79

Terphenyl-d14

Concen: 96.08 ng

RT: 19.85 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

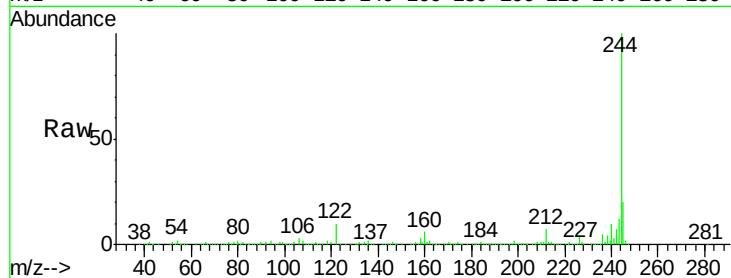
Instrument :

BNA_N

ClientSampleId :

Tot Ion:244 Resp: 1964419

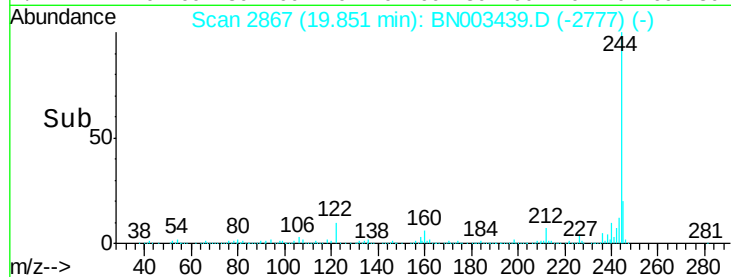
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	9.4	14.2



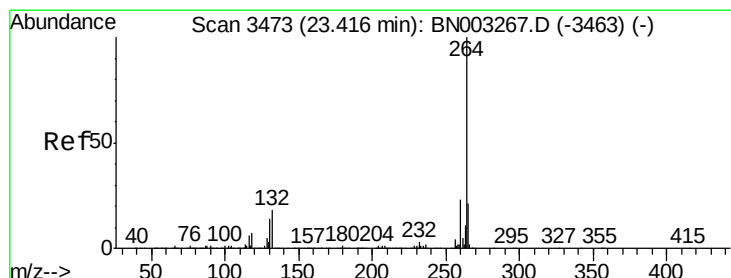
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.00 ng

RT: 23.72 min Scan# 3525

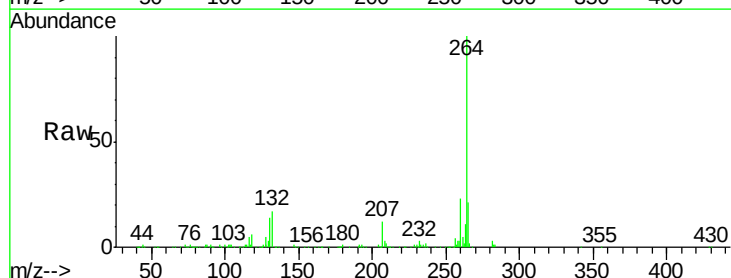
Delta R.T. -0.01 min

Lab File: BN003439.D

Acq: 06 Nov 2018 19:44

Tgt Ion:264 Resp: 455116

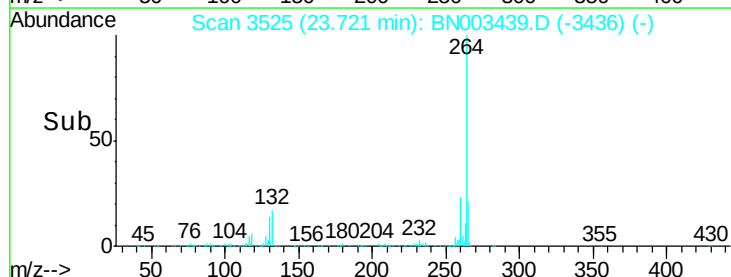
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.4	16.6	25.0



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



Time-->