

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003291.D
 Acq On : 25 Oct 2018 02:55
 Operator : MJ/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 07:16:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

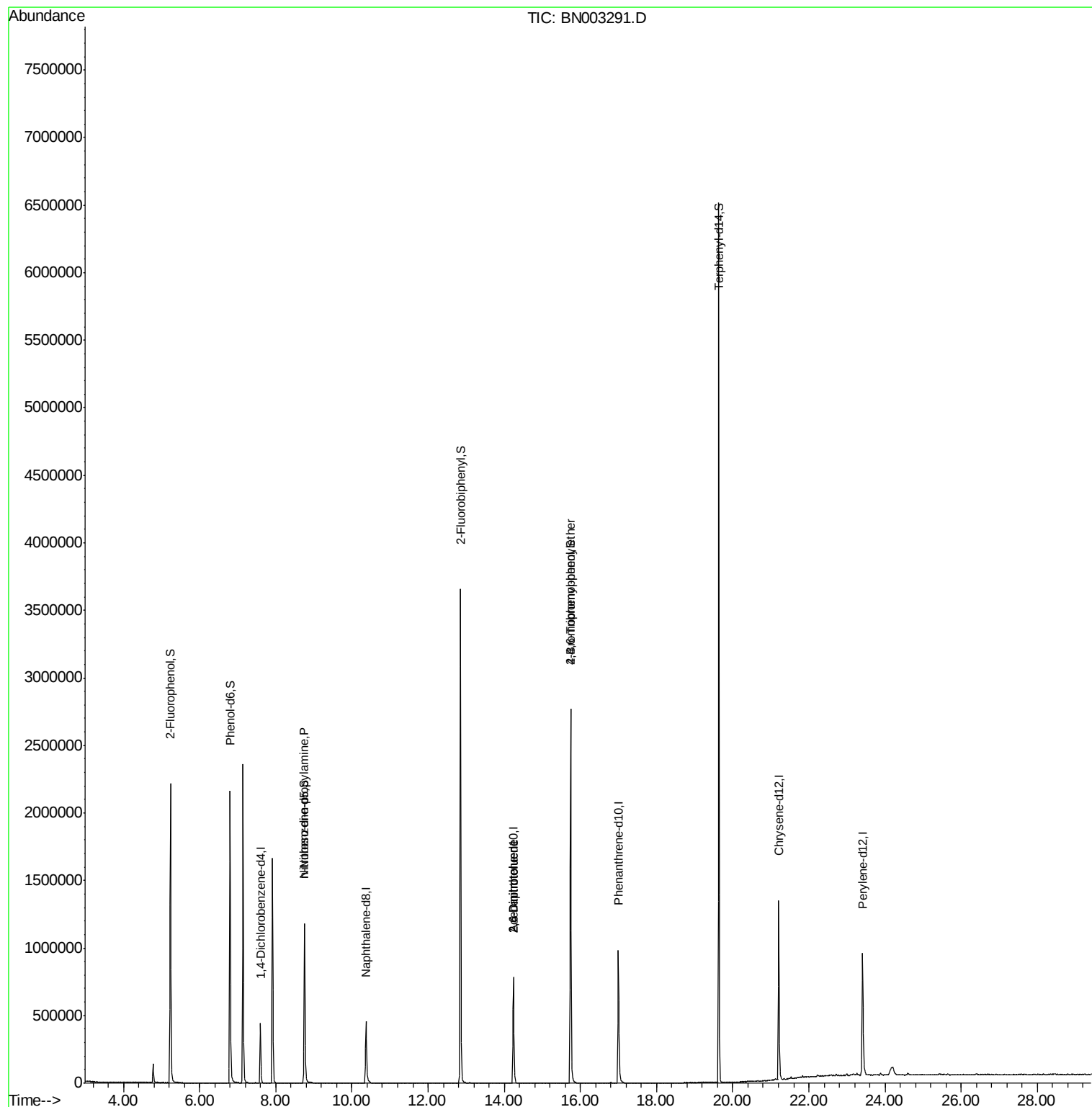
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	121908	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	500458	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	312221	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	741479	20.00	ng	0.00
76) Chrysene-d12	21.21	240	762292	20.00	ng	0.00
87) Perylene-d12	23.42	264	742727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1011021	144.45	ng	0.00
7) Phenol-d6	6.80	99	1385177	139.18	ng	0.00
23) Nitrobenzene-d5	8.75	82	780504	89.44	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	592025	140.82	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2045980	88.89	ng	0.00
79) Terphenyl-d14	19.64	244	3171362	88.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.75	70	100111	13.949	ng	# 77
51) 2,6-Dinitrotoluene	14.24	165	38927	6.794	ng	# 28
57) 2,4-Dinitrotoluene	14.24	165	38927	5.011	ng	# 19
67) 4-Bromophenyl-phenylether	15.75	248	38273	4.583	ng	# 1

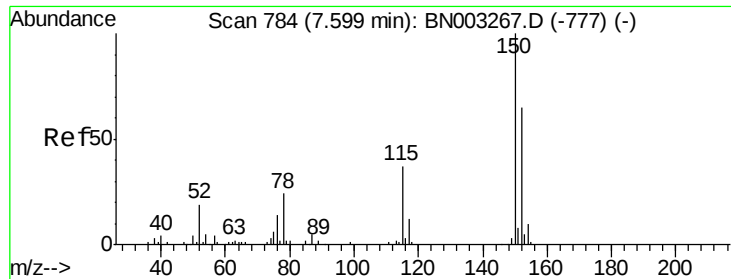
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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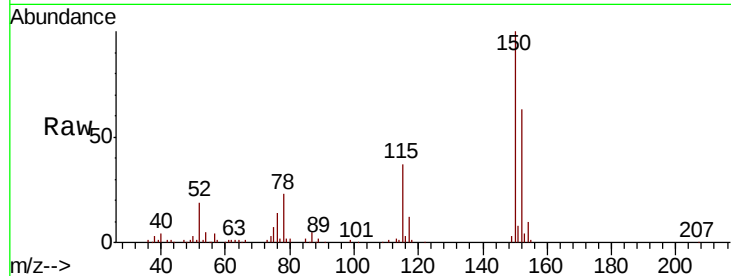


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.8
115	59.3	45.9	68.9

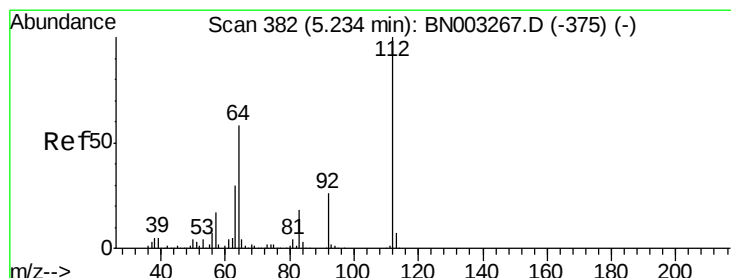
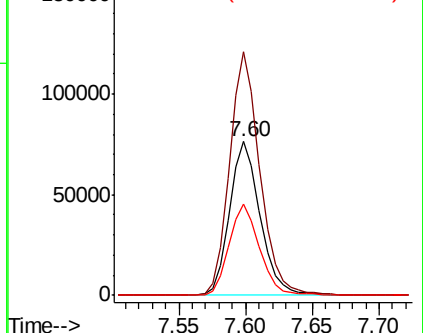
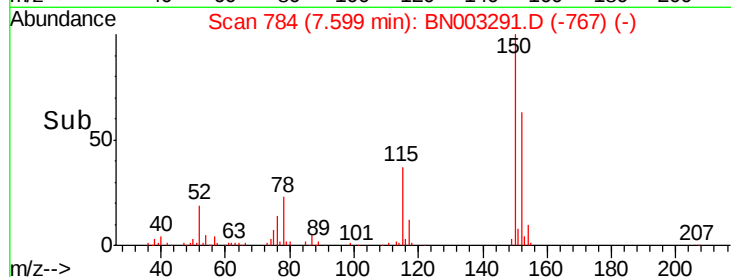


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

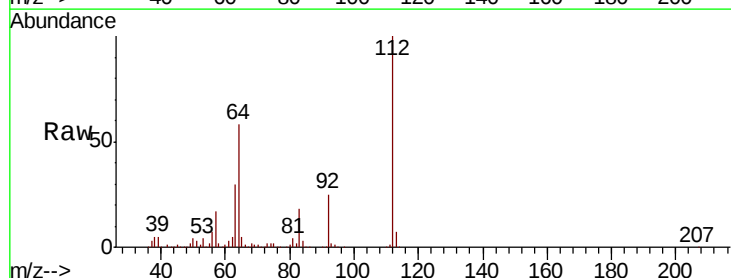
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.448 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.6	69.8
63	30.0	23.8	35.8

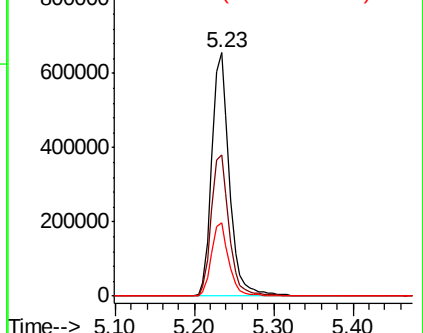
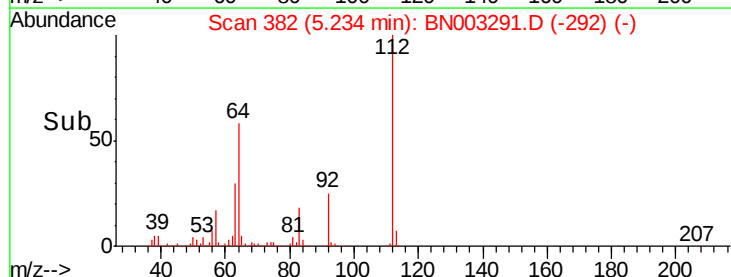


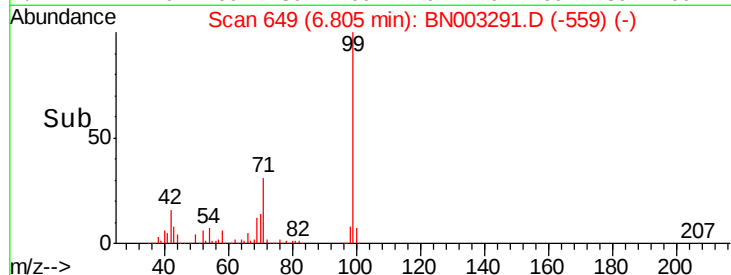
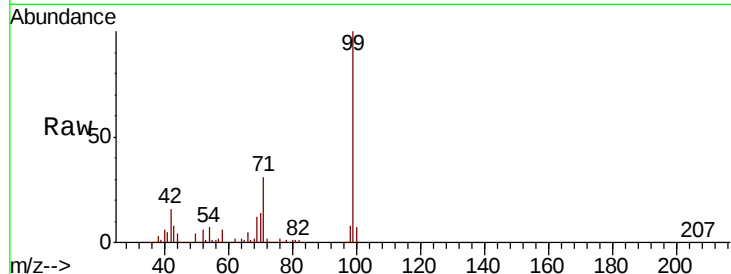
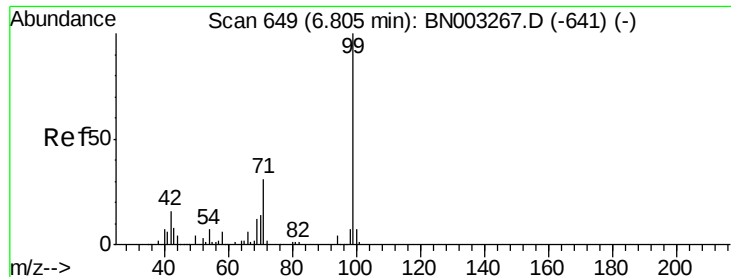
Abundance

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: 139.179 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

Instrument :

BNA_N

ClientSampled :

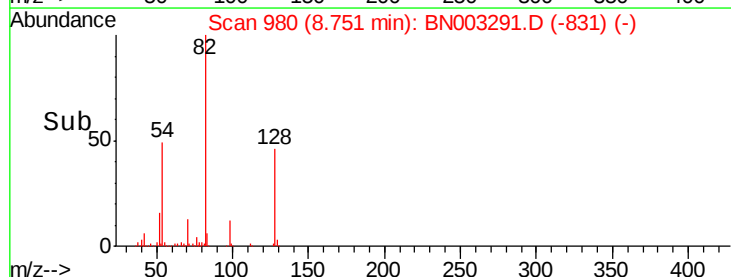
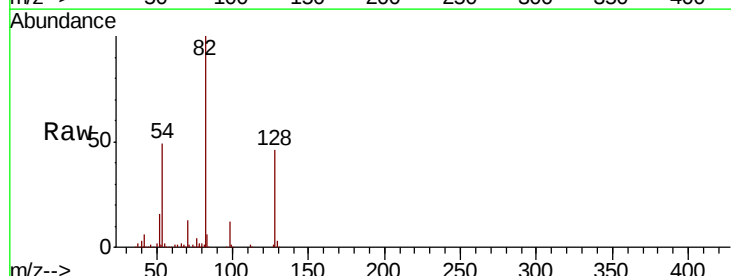
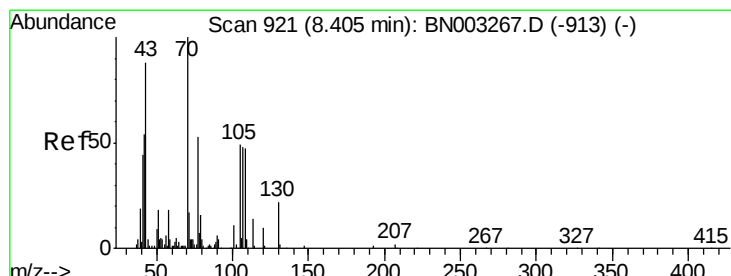
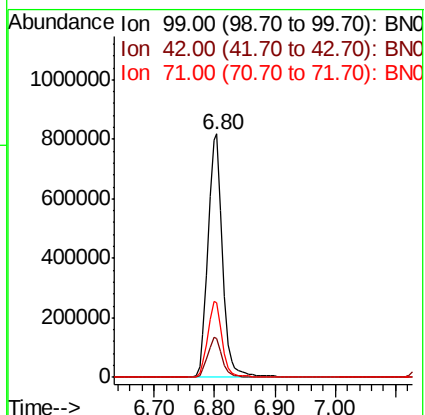
Tot Ion: 99 Resp: 1385177

Ion Ratio Lower Upper

99 100

42 15.9 13.0 19.6

71 30.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.949 ng

RT: 8.75 min Scan# 980

Delta R.T. 0.35 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

Tgt Ion: 70 Resp: 100111

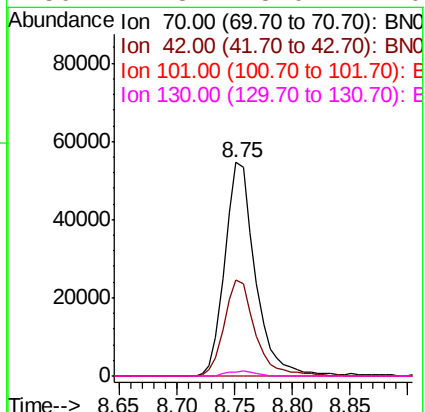
Ion Ratio Lower Upper

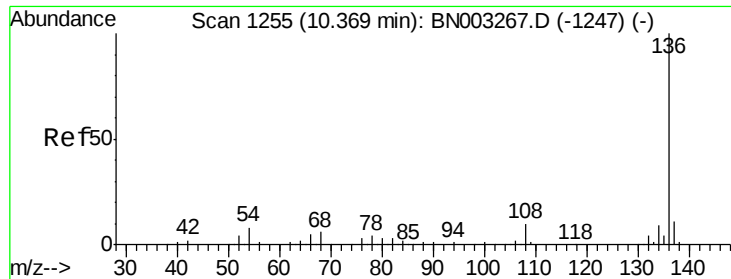
70 100

42 45.1 43.5 65.3

101 0.0 8.6 12.8#

130 1.8 18.0 27.0#

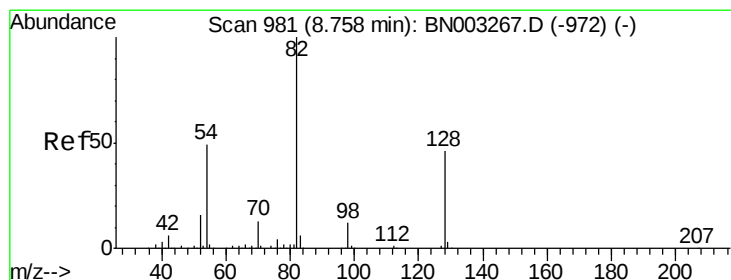
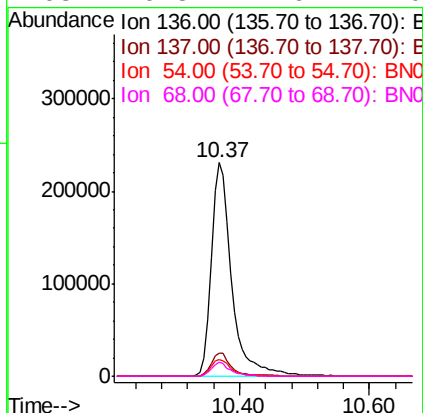
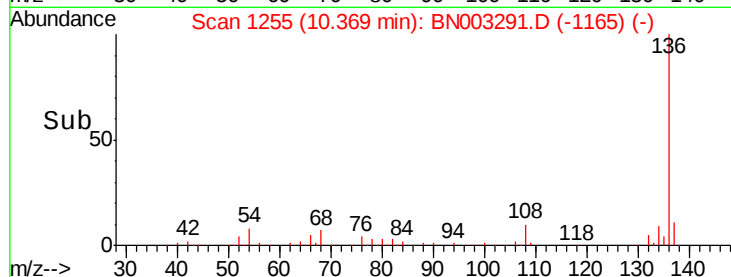
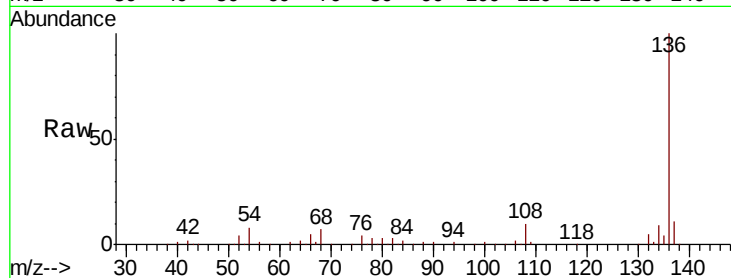




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

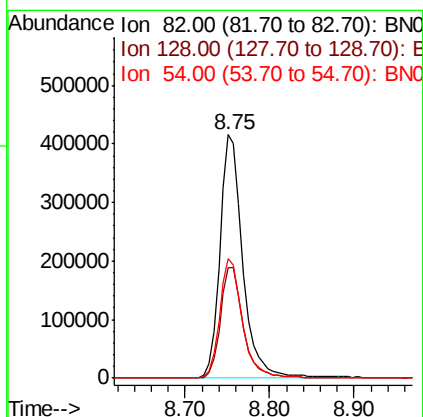
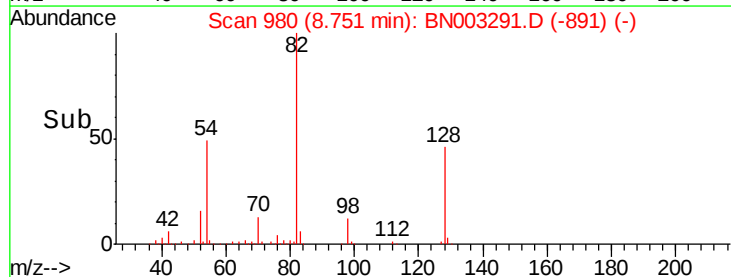
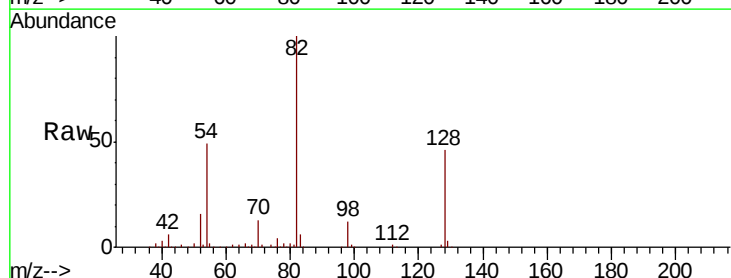
Instrument :
BNA_N
ClientSampleId :

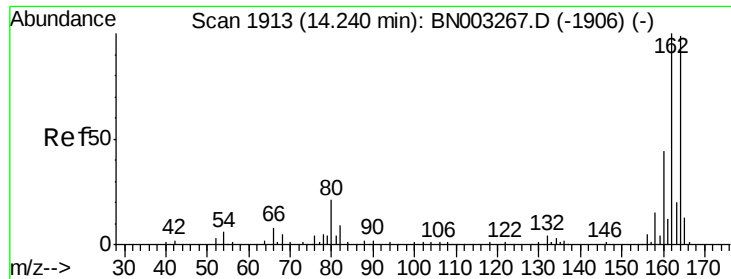
Tot Ion:136	Resp:	500458
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	8.1	6.6 10.0
68	6.8	4.6 7.0



#23
Nitrobenzene-d5
Concen: 89.441 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

Tgt Ion: 82	Resp:	780504
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.1 55.7
54	49.1	39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

Instrument :

BNA_N

ClientSampleId :

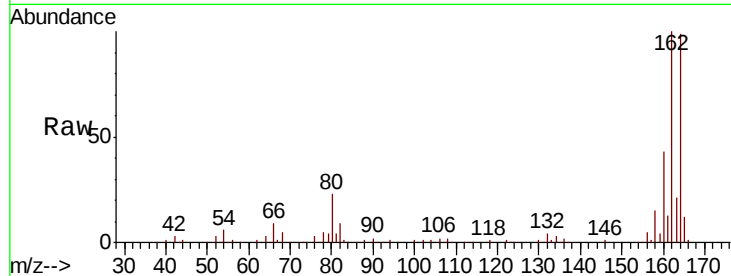
Tot Ion:164 Resp: 312221

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

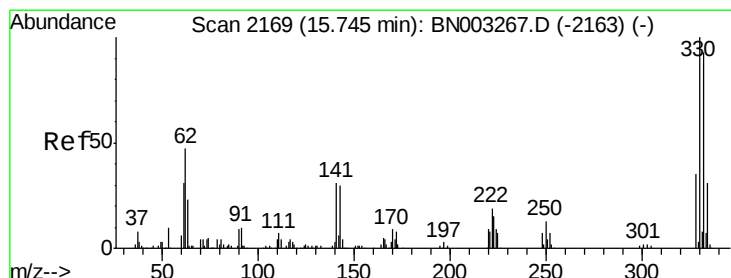
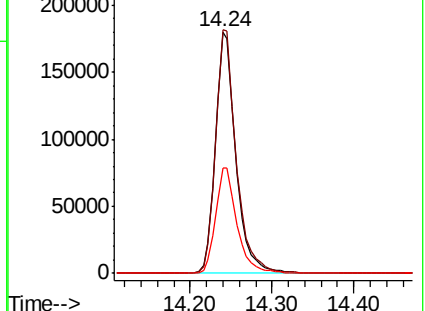
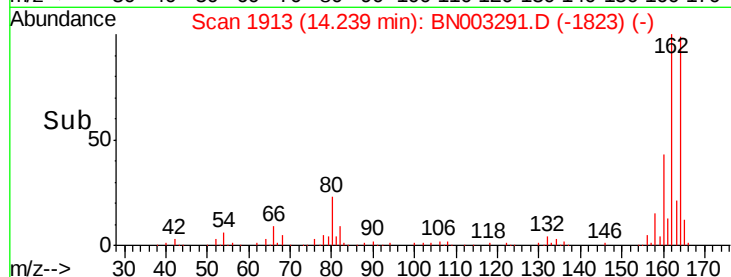
160 43.4 35.5 53.3



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: 140.819 ng

RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

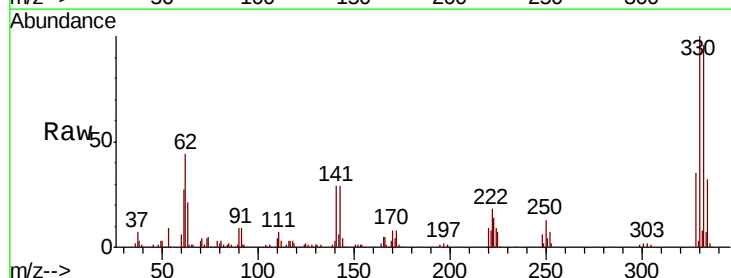
Tgt Ion:330 Resp: 592025

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

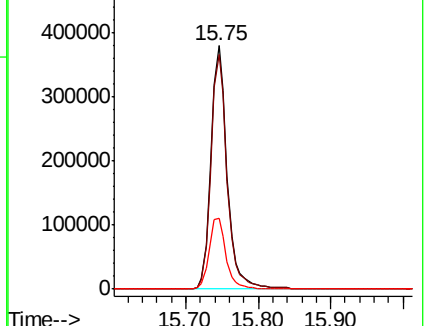
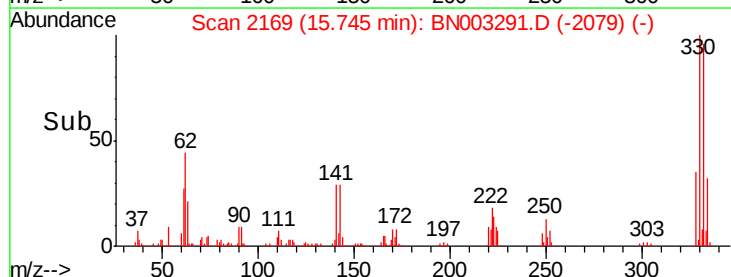
141 30.6 24.5 36.7

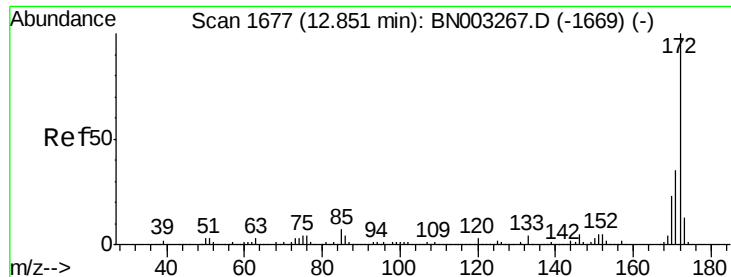


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



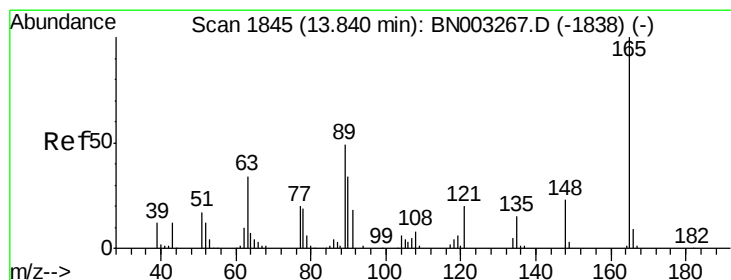
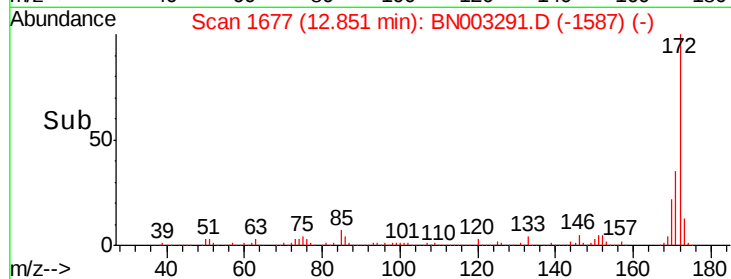
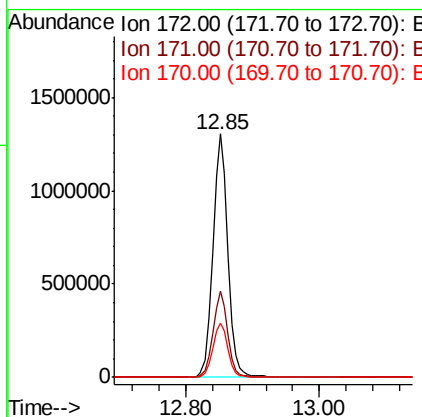
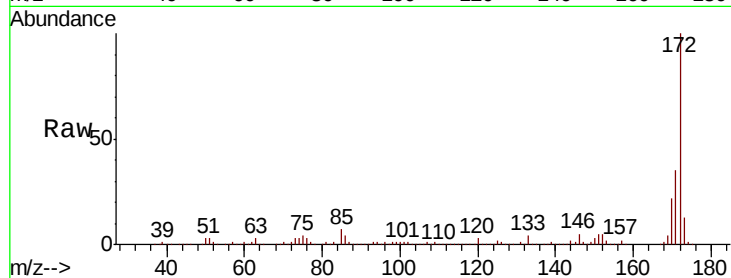


#45
 2-Fluorobiphenyl
 Concen: 88.886 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BN003291.D
 Acq: 25 Oct 2018 02:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 2045980

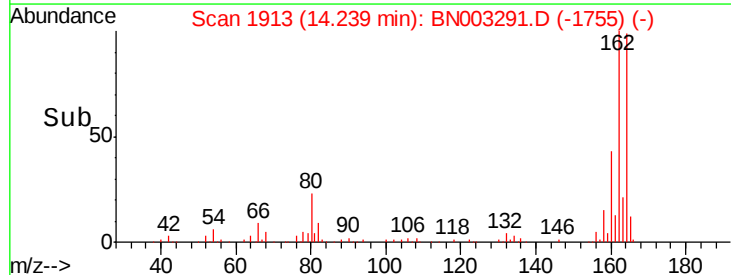
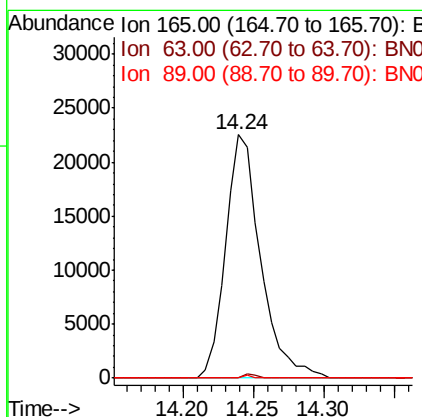
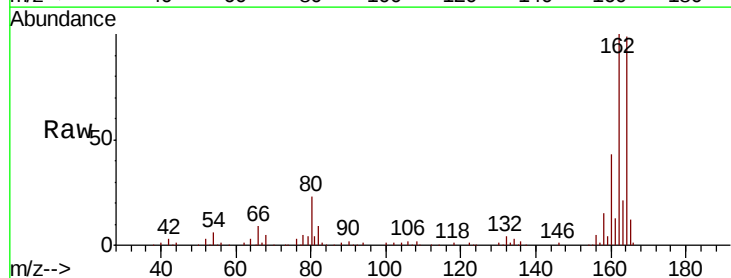
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	22.5	18.4	27.6

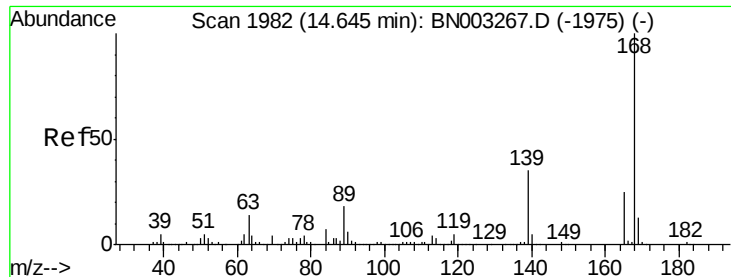


#51
 2,6-Dinitrotoluene
 Concen: 6.794 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. 0.40 min
 Lab File: BN003291.D
 Acq: 25 Oct 2018 02:55

Tgt Ion:165 Resp: 38927

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

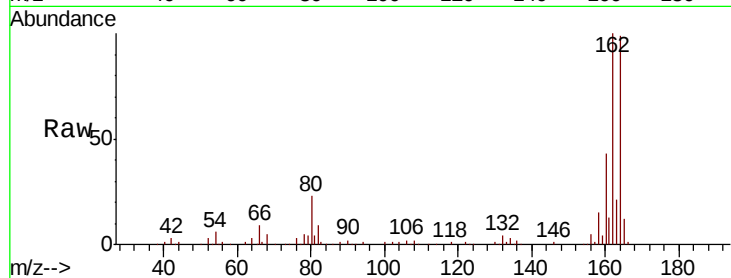




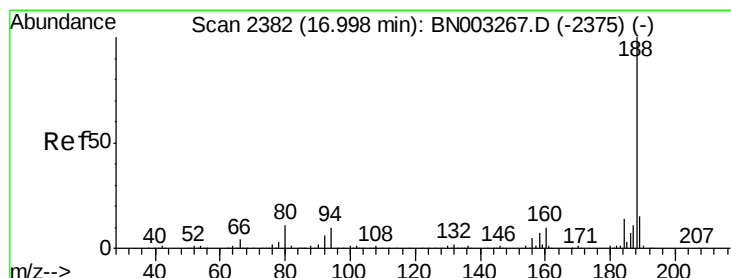
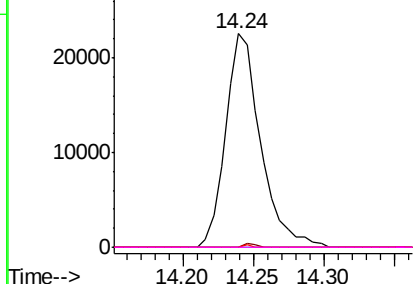
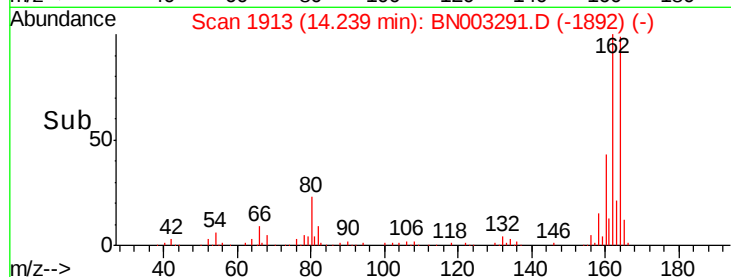
#57
 2,4-Dinitrotoluene
 Concen: 5.011 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.41 min
 Lab File: BN003291.D
 Acq: 25 Oct 2018 02:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 38927
 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#

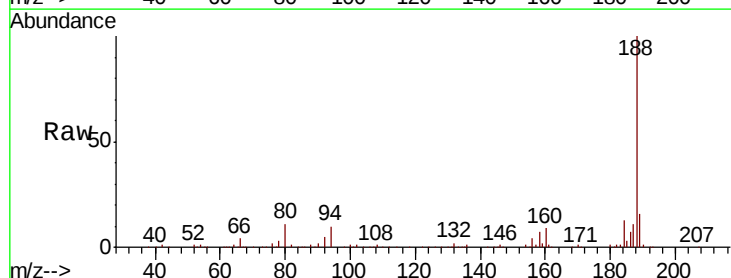


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

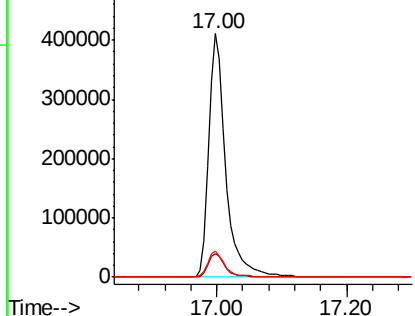
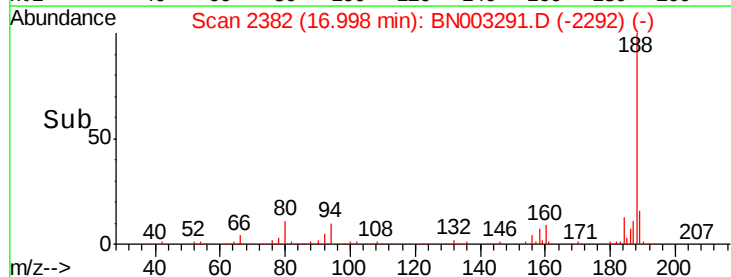


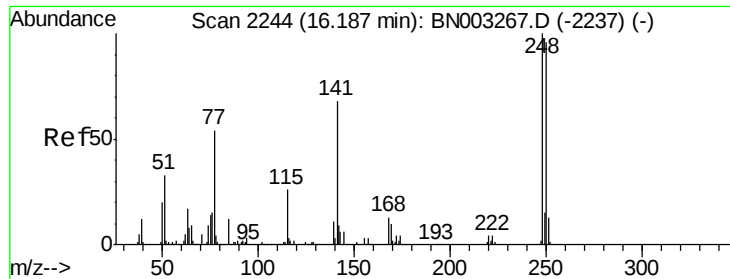
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BN003291.D
 Acq: 25 Oct 2018 02:55

Tgt Ion:188 Resp: 741479
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.7 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

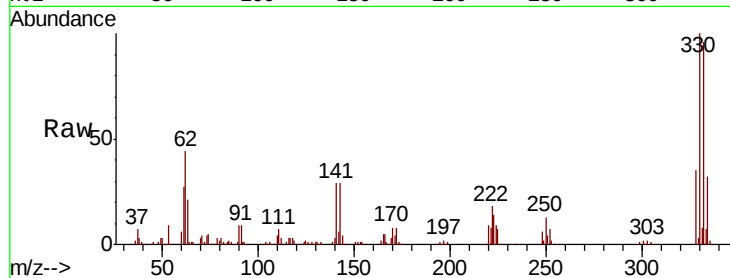




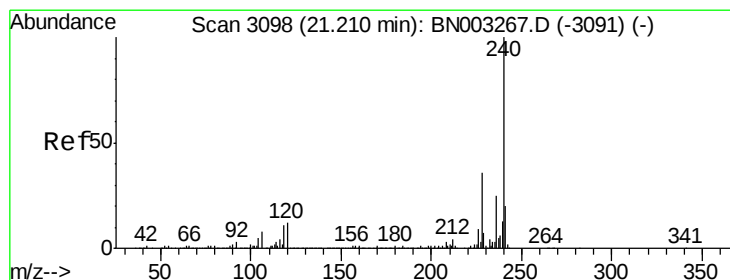
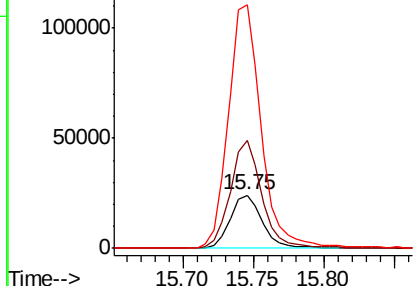
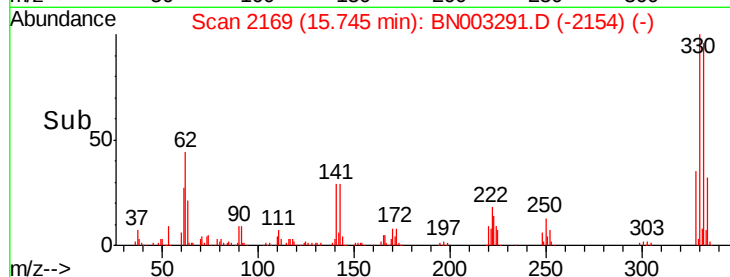
#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 15.75 min Scan# 2169
Delta R.T. -0.44 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 38273
Ion Ratio Lower Upper
248 100
250 203.2 76.4 114.6#
141 457.4 54.2 81.4#

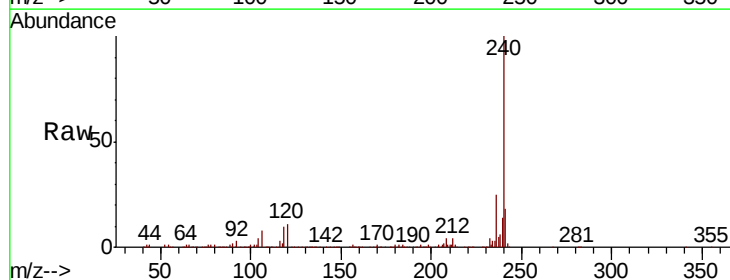


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

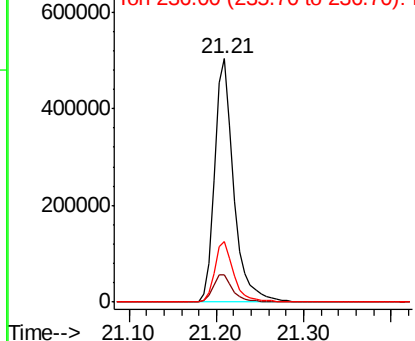
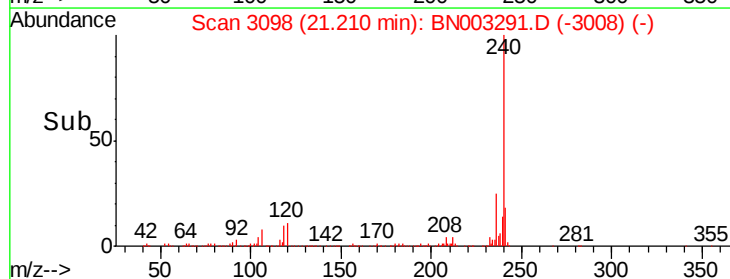


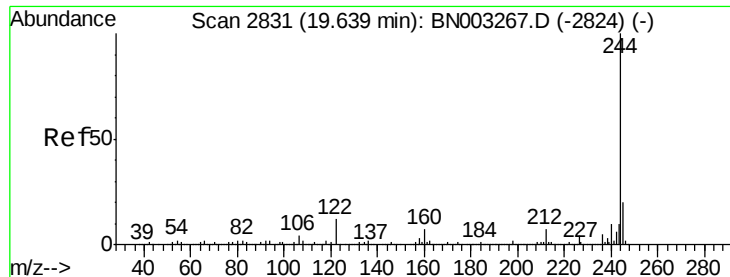
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN003291.D
Acq: 25 Oct 2018 02:55

Tgt Ion:240 Resp: 762292
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 24.7 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: 88.970 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

Instrument :

BNA_N

ClientSampleId :

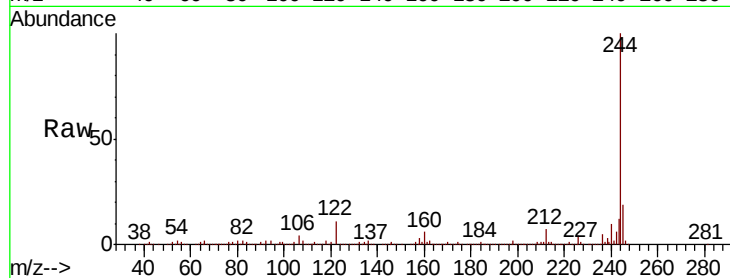
Tot Ion:244 Resp: 3171362

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

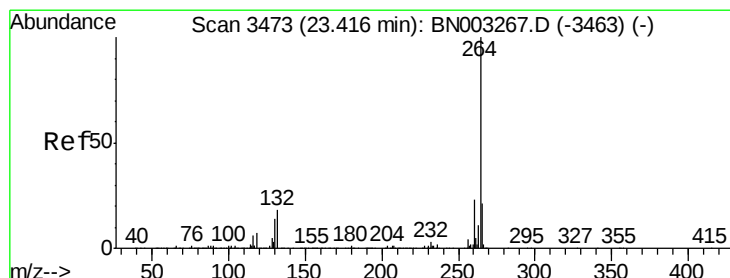
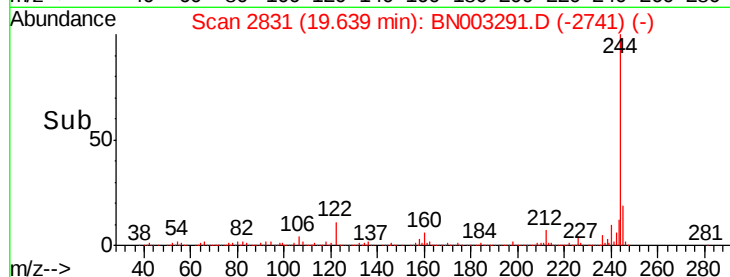
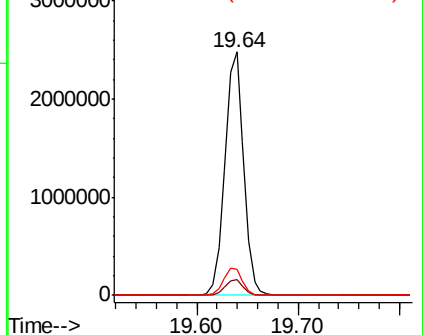
122 10.9 9.4 14.2



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: 20.000 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN003291.D

Acq: 25 Oct 2018 02:55

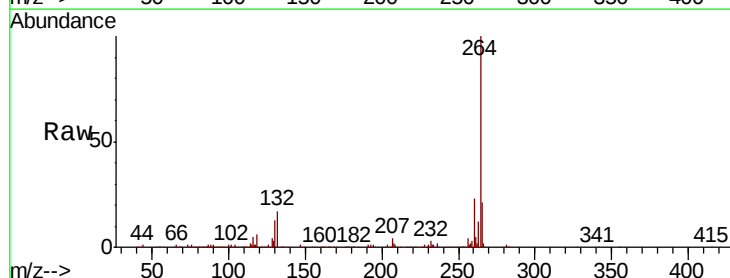
Tgt Ion:264 Resp: 742727

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.9 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

