

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005092.D
 Acq On : 04 Apr 2019 13:24
 Operator : JU/SJ
 Sample : K2224-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 04 15:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 14:56:07 2019
 Response via : Initial Calibration

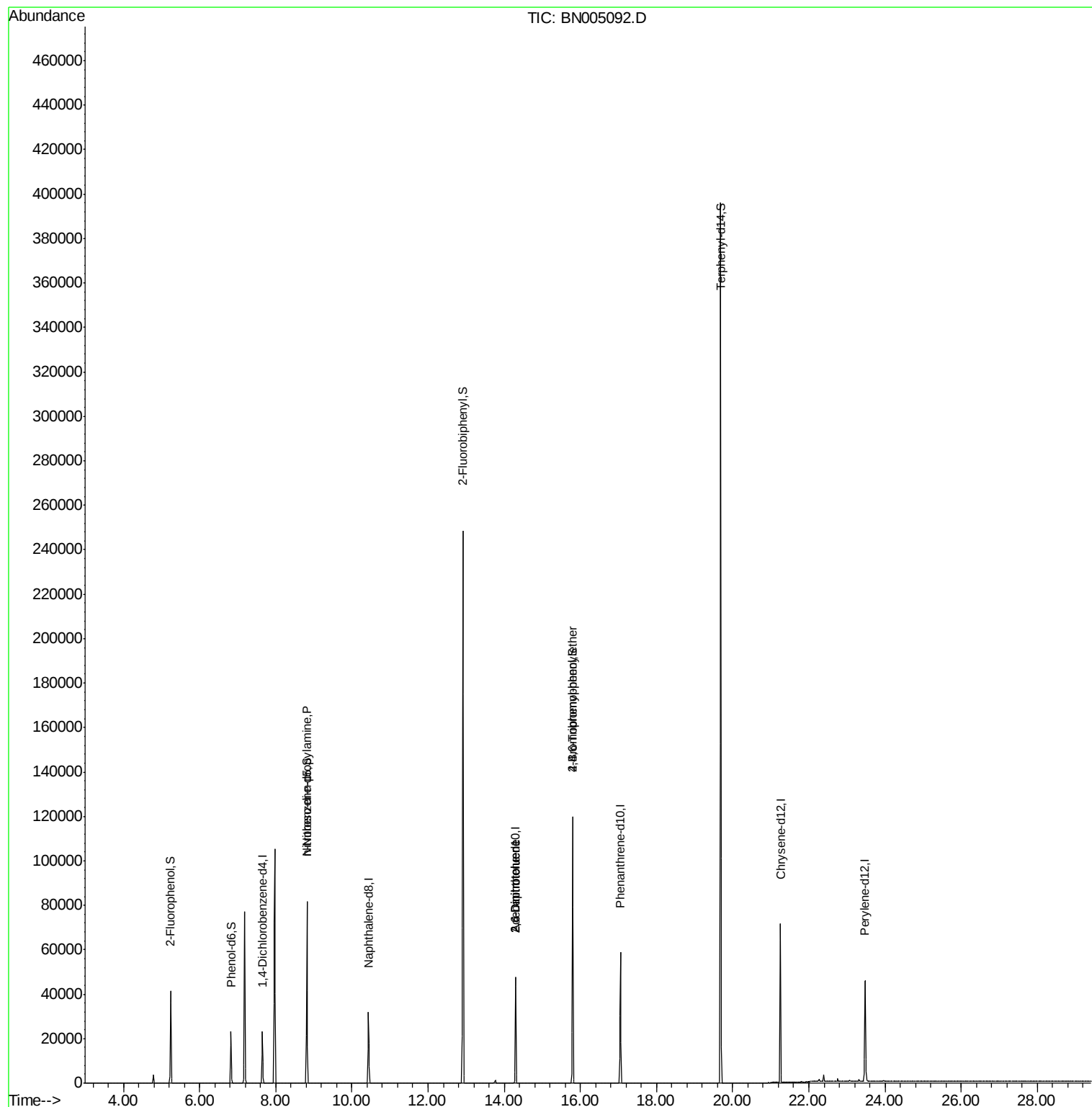
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7319	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	29431	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	17157	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	38020	20.00	ng	0.00
76) Chrysene-d12	21.25	240	37858	20.00	ng	0.00
87) Perylene-d12	23.48	264	38156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	19864	46.92	ng	0.00
7) Phenol-d6	6.82	99	15313	27.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	48116	98.90	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	27933	100.95	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	134042	103.53	ng	0.00
79) Terphenyl-d14	19.69	244	191300	97.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	6087	16.537	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2100	6.547	ng	# 32
57) 2,4-Dinitrotoluene	14.30	165	2100	4.818	ng	# 28
67) 4-Bromophenyl-phenylether	15.80	248	1562	3.292	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005092.D
Acq On : 04 Apr 2019 13:24
Operator : JU/SJ
Sample : K2224-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 15:04:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 14:56:07 2019
Response via : Initial Calibration

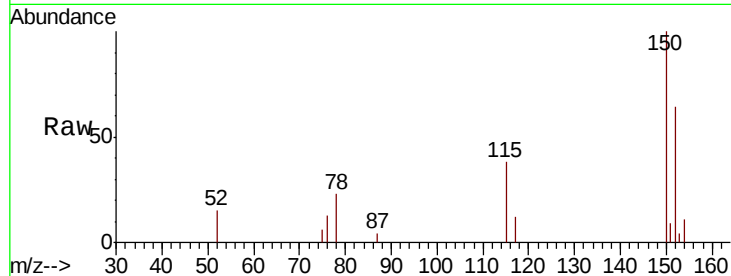




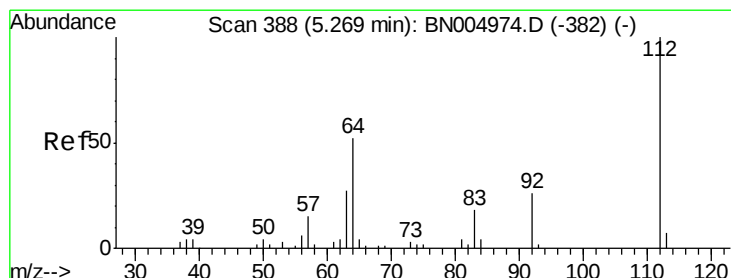
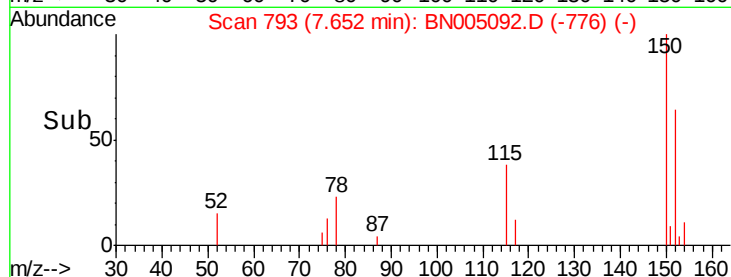
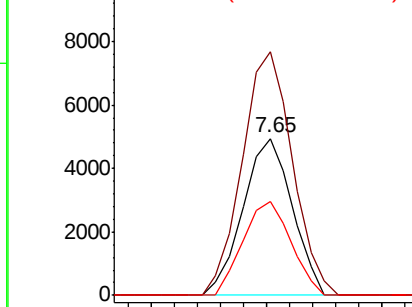
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 7319
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 59.5 47.9 71.9

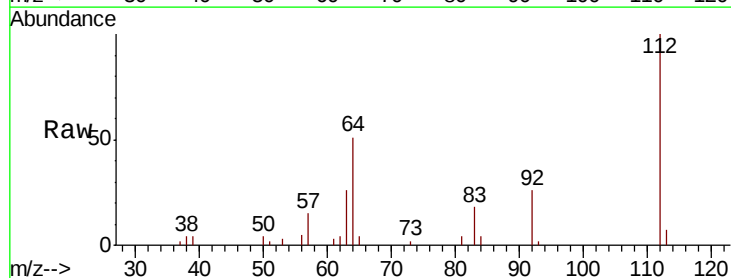


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

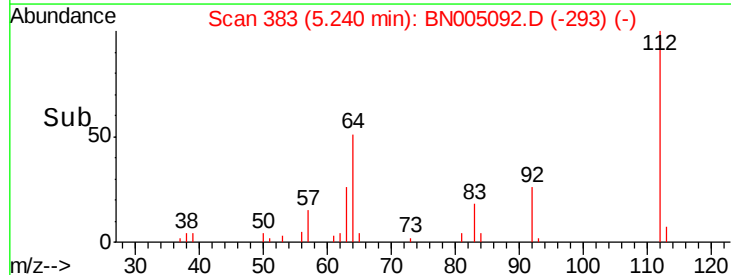
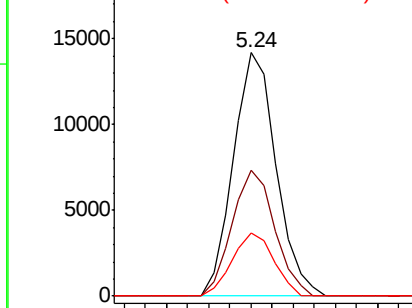


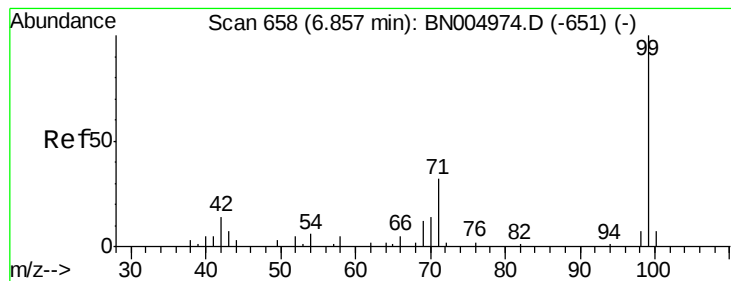
#5
 2-Fluorophenol
 Concen: 46.923 ng
 RT: 5.24 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion:112 Resp: 19864
 Ion Ratio Lower Upper
 112 100
 64 51.5 41.2 61.8
 63 25.7 20.7 31.1



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: 27.272 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Instrument :

BNA_N

ClientSampled :

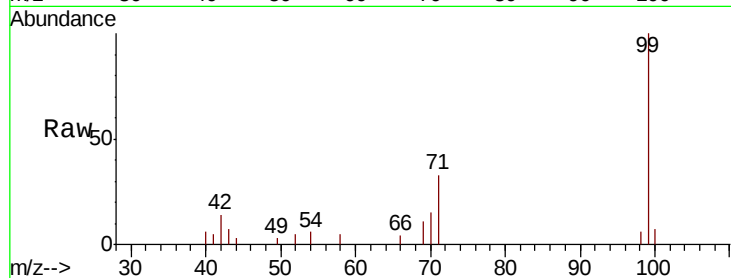
Tot Ion: 99 Resp: 15313

Ion Ratio Lower Upper

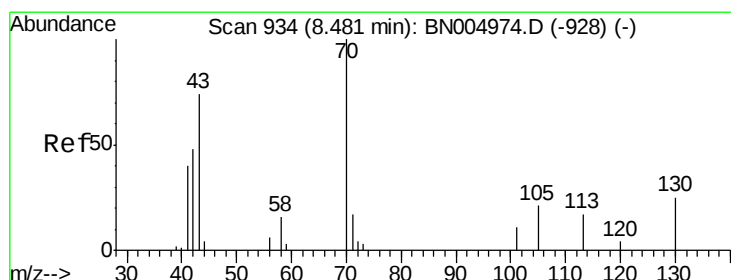
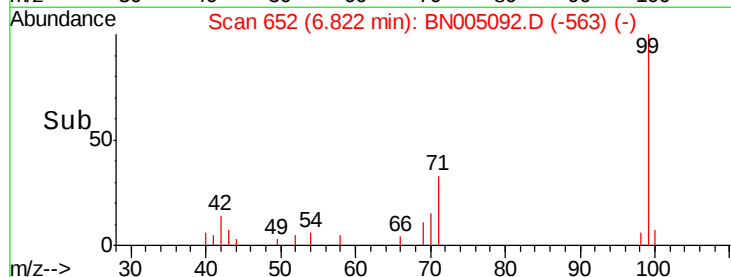
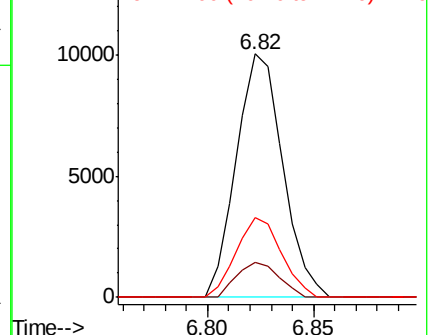
99 100

42 14.3 11.0 16.4

71 32.6 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#19

n-Nitroso-di-n-propylamine

Concen: 16.537 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.36 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Tgt Ion: 70 Resp: 6087

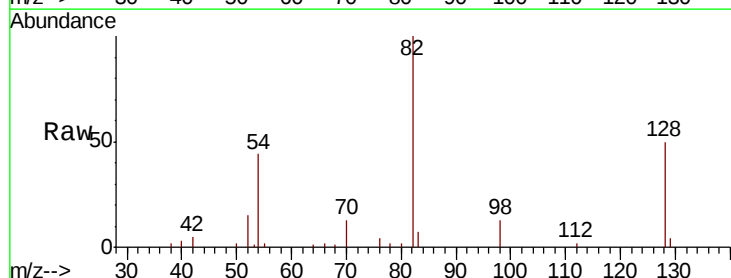
Ion Ratio Lower Upper

70 100

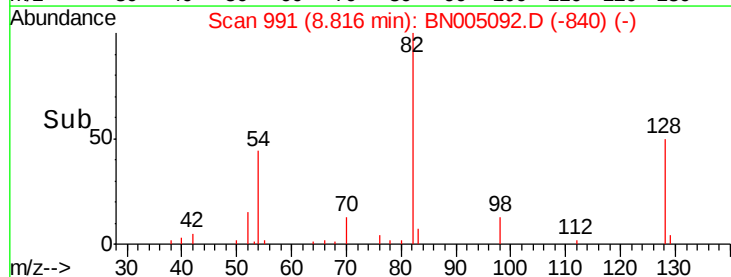
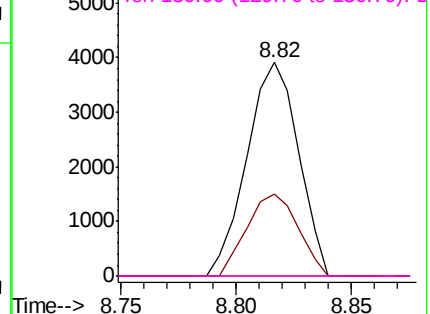
42 38.2 36.7 55.1

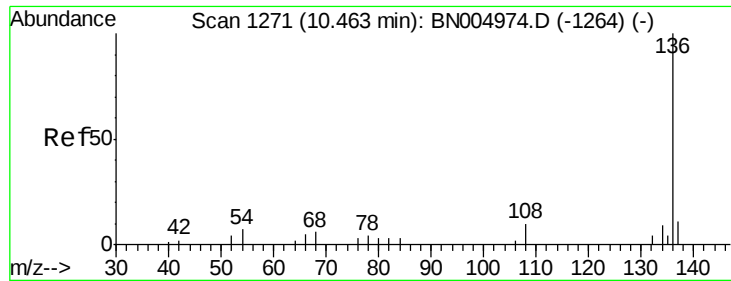
101 0.0 8.7 13.1#

130 0.0 20.2 30.2#



Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): BN0
Ion 130.00 (129.70 to 130.70): BN0

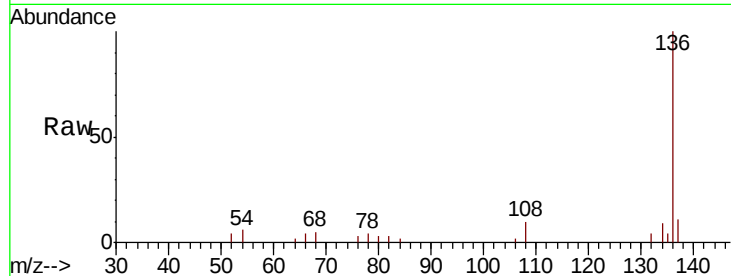




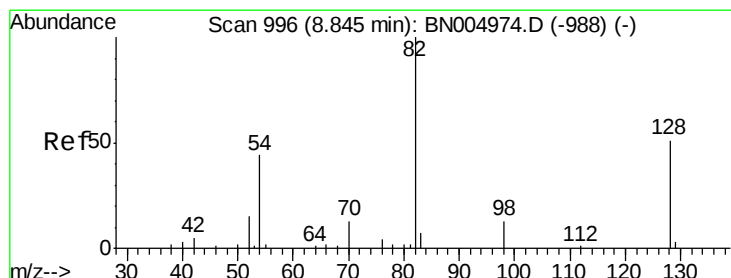
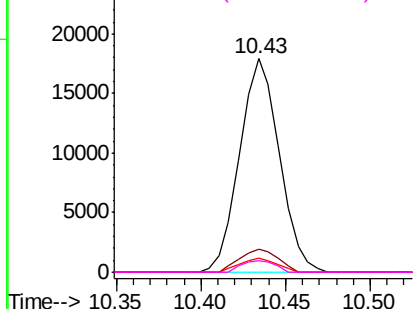
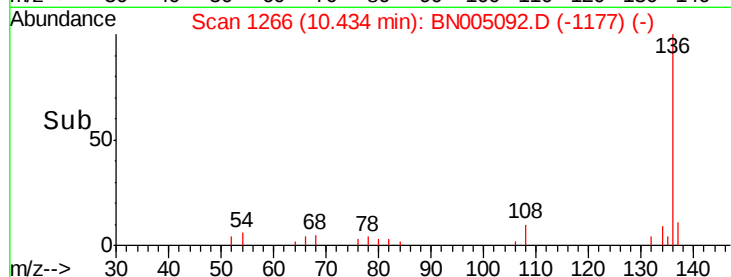
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp:	29431
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 12.8
54	6.3	5.0 7.4
68	5.3	4.2 6.4

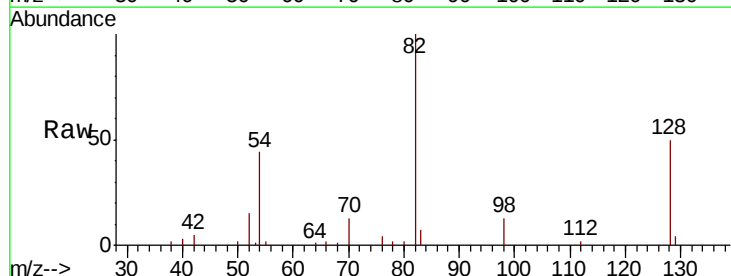


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

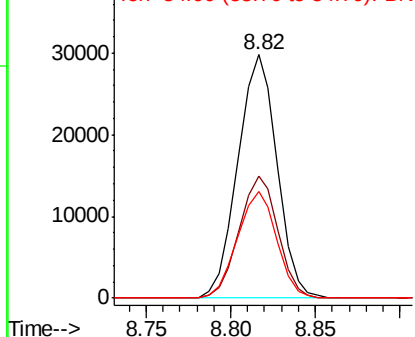
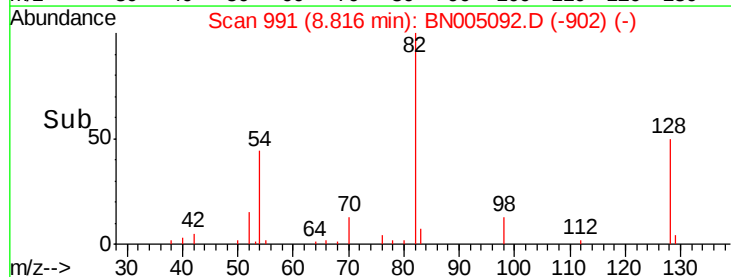


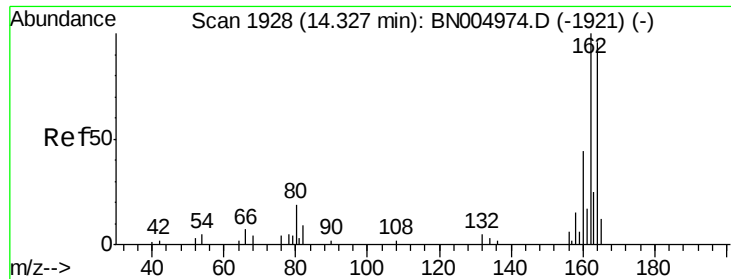
#23
Nitrobenzene-d5
Concen: 98.896 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Tgt Ion: 82	Resp:	48116
Ion	Ratio	Lower Upper
82	100	
128	50.1	40.6 60.8
54	43.9	34.4 51.6



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

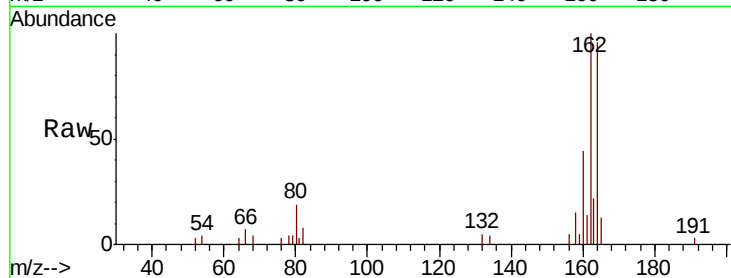




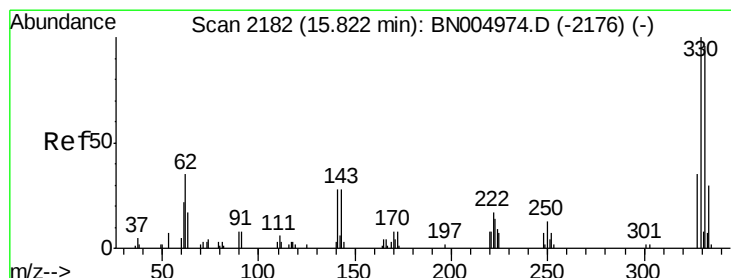
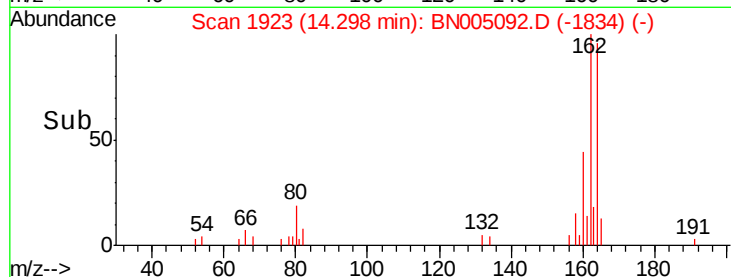
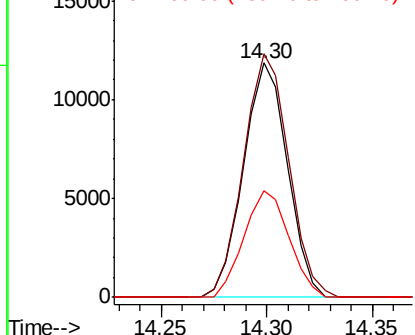
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 17157
Ion Ratio Lower Upper
164 100
162 103.8 83.8 125.6
160 45.5 36.0 54.0

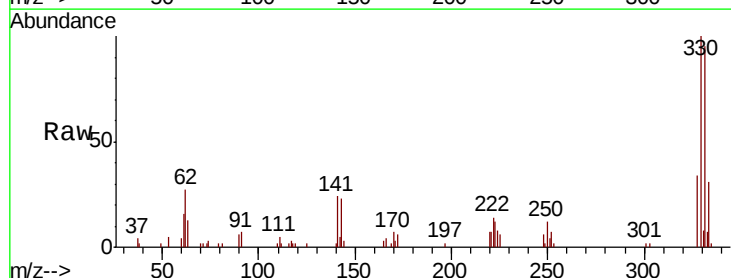


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

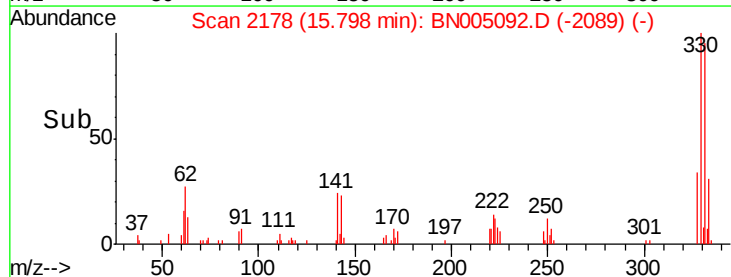
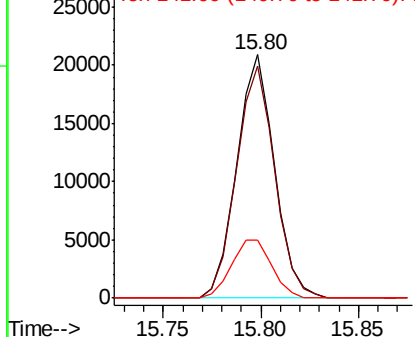


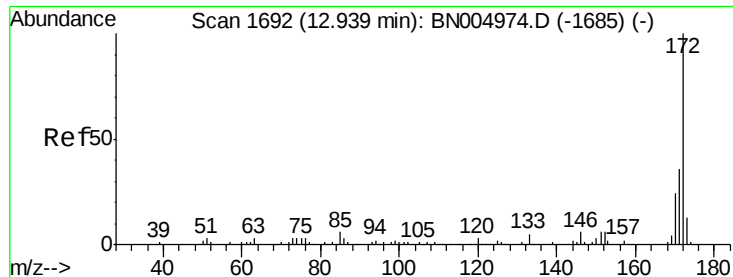
#42
2,4,6-Tribromophenol
Concen: 100.947 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN005092.D
Acq: 04 Apr 2019 13:24

Tgt Ion:330 Resp: 27933
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 25.5 20.3 30.5



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

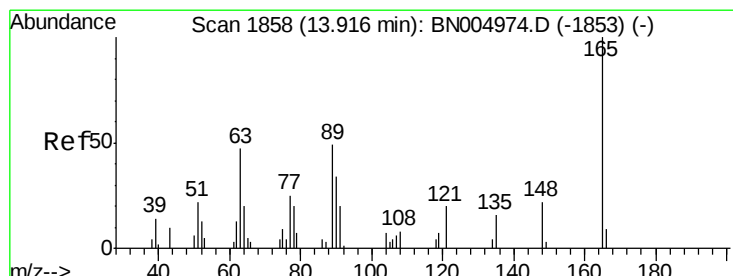
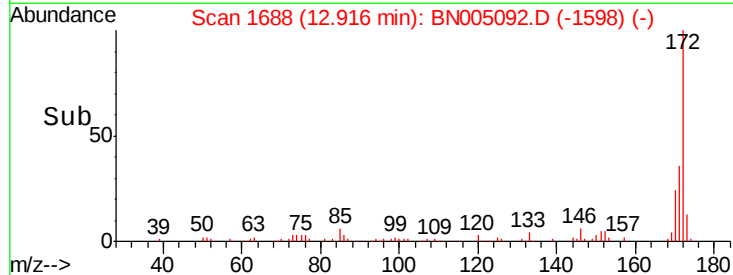
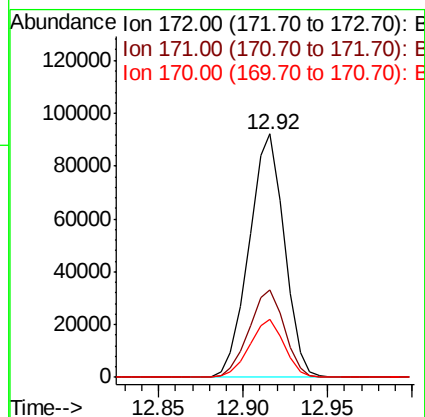
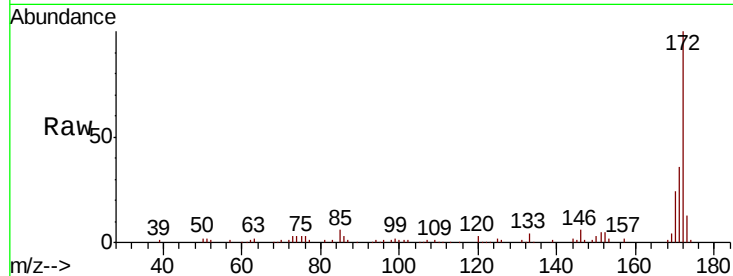




#45
 2-Fluorobiphenyl
 Concen: 103.528 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

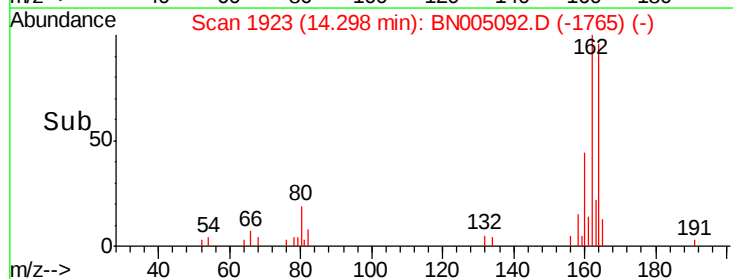
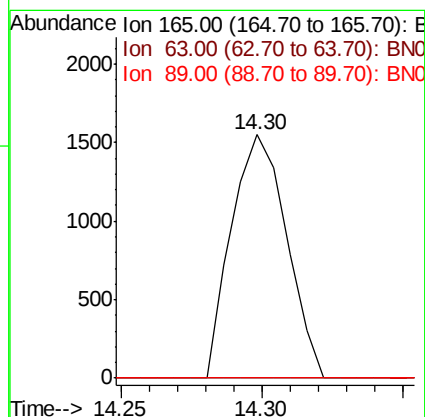
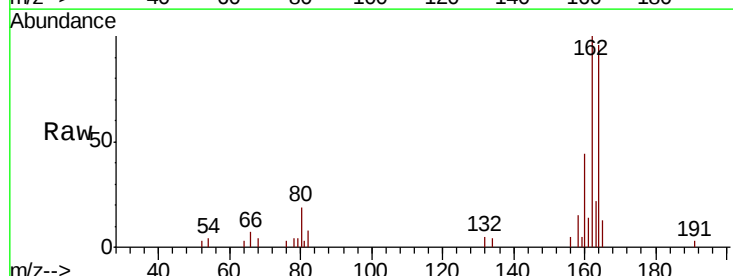
Instrument :
 BNA_N
 ClientSampleId :

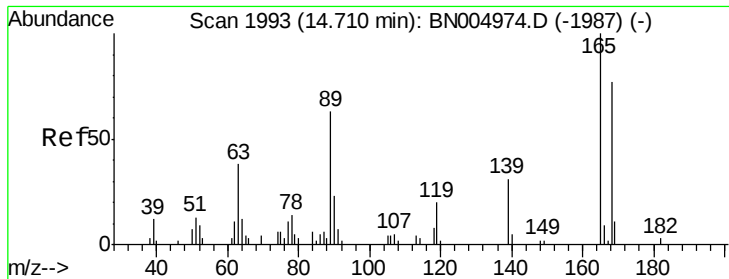
Tot Ion:172 Resp: 134042
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.6 18.8 28.2



#51
 2,6-Dinitrotoluene
 Concen: 6.547 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.40 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion:165 Resp: 2100
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.2 51.4#
 89 0.0 36.9 55.3#

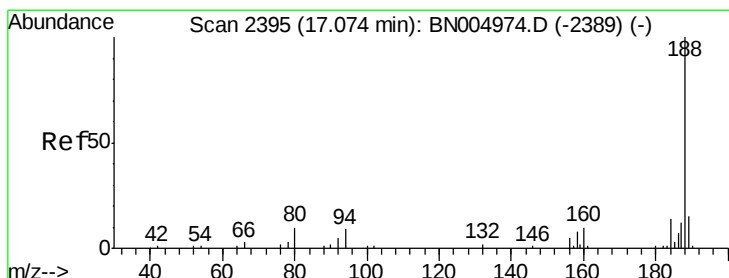
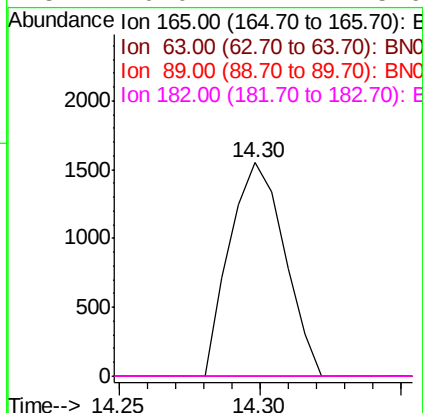
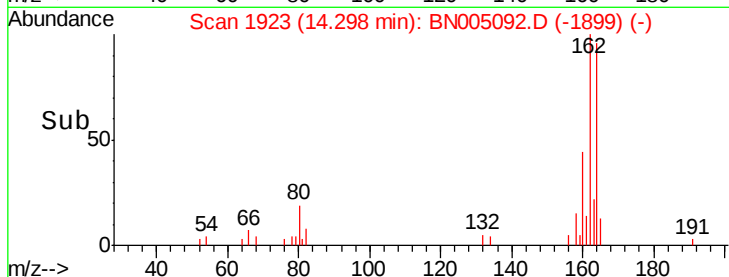
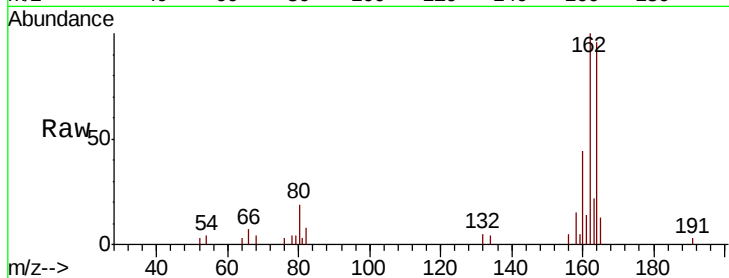




#57
 2,4-Dinitrotoluene
 Concen: 4.818 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.39 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

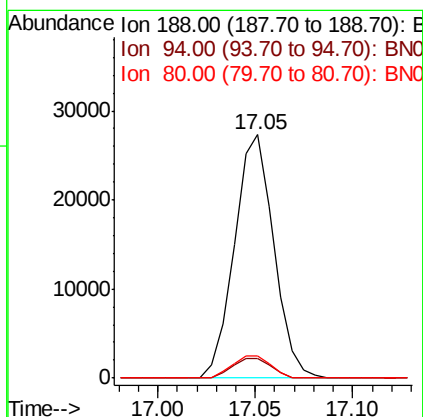
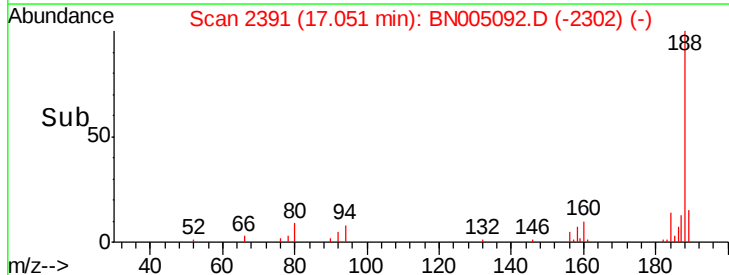
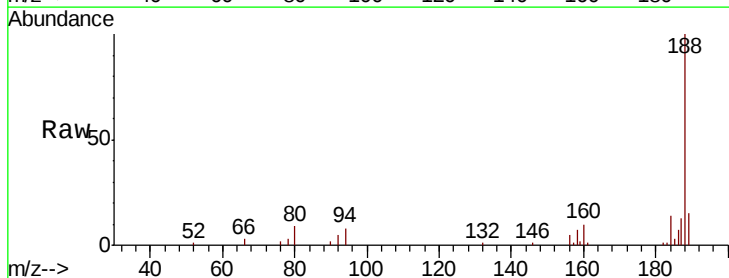
Instrument :
 BNA_N
 ClientSampleId :

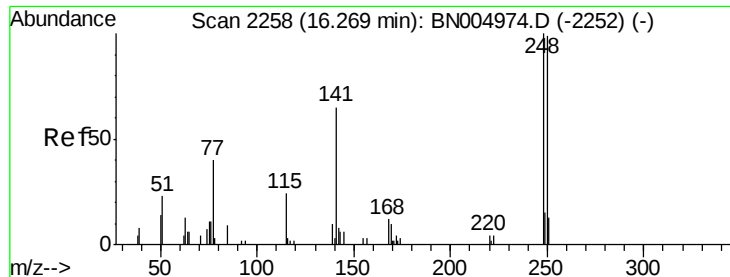
Tot Ion:165	Resp:	2100
Ion	Ratio	Lower Upper
165	100	
63	0.0	29.6 44.4#
89	0.0	49.7 74.5#
182	0.0	2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion:188	Resp:	38020
Ion	Ratio	Lower Upper
188	100	
94	8.2	6.6 10.0
80	9.2	7.1 10.7

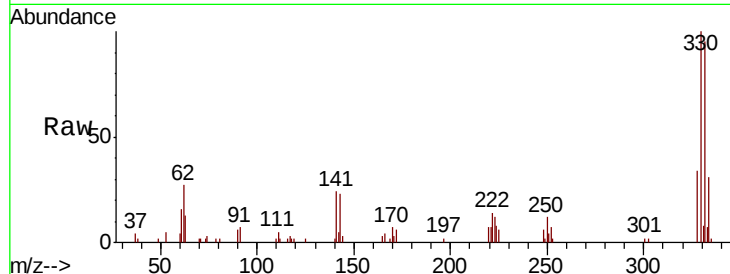




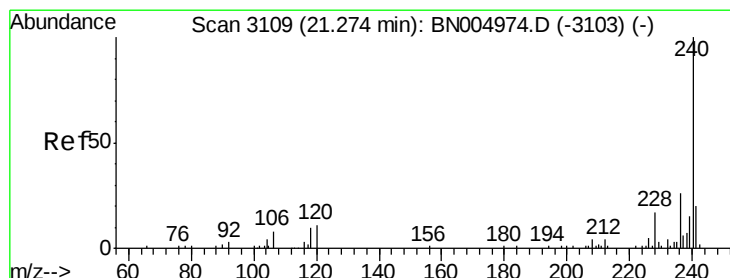
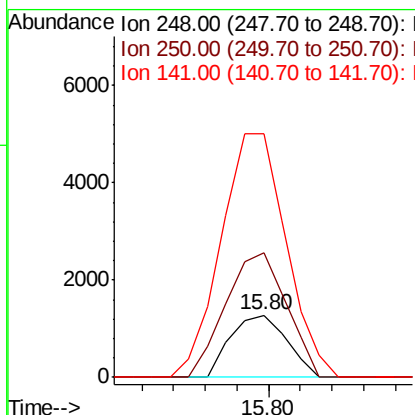
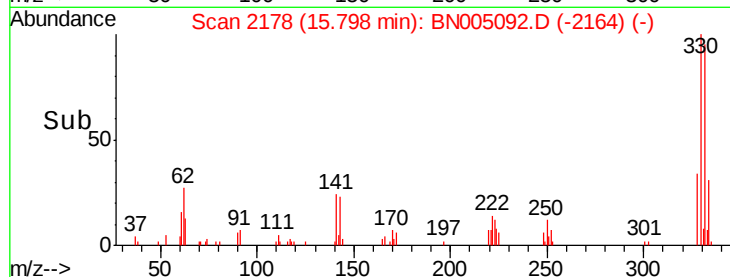
#67
 4-Bromophenyl-phenylether
 Concen: 3.292 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.45 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 1562
 Ion Ratio Lower Upper
 248 100
 250 200.3 80.2 120.2#
 141 392.6 54.6 82.0#

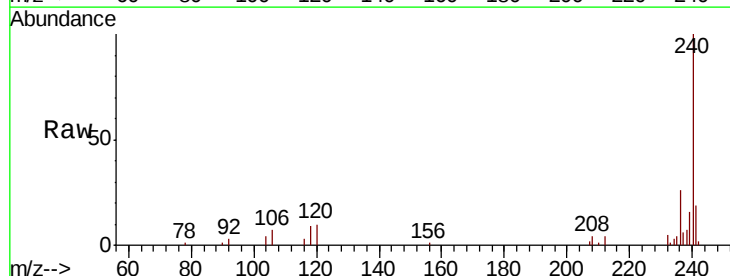


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

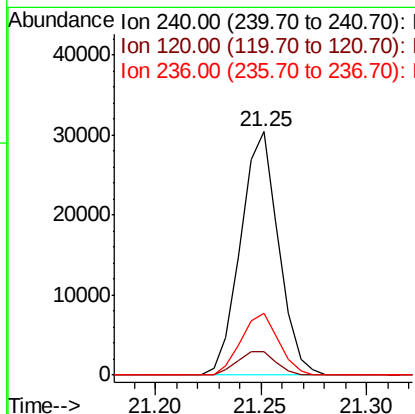
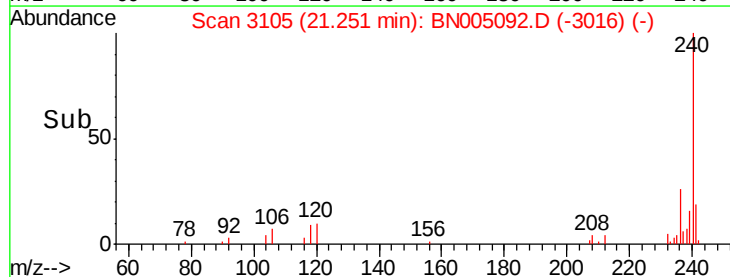


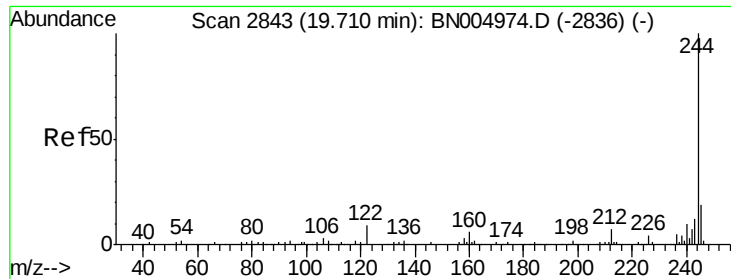
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BN005092.D
 Acq: 04 Apr 2019 13:24

Tgt Ion:240 Resp: 37858
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 25.6 20.4 30.6



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: 97.284 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

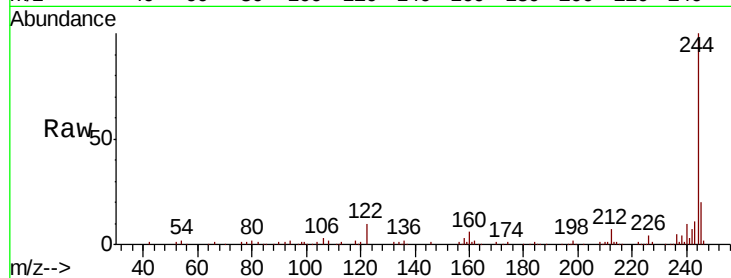
Tot Ion:244 Resp: 191300

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

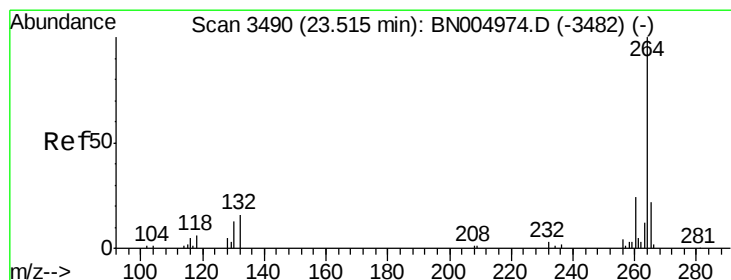
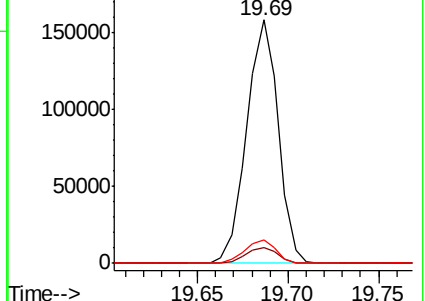
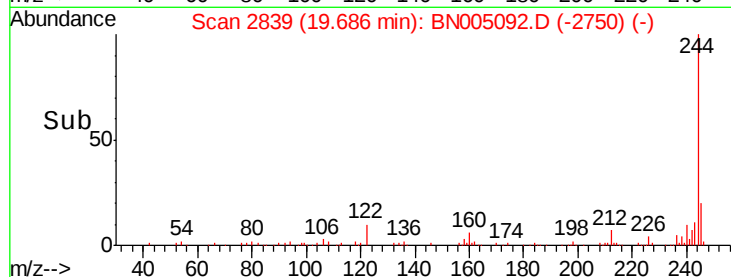
122 9.6 7.8 11.6



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: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BN005092.D

Acq: 04 Apr 2019 13:24

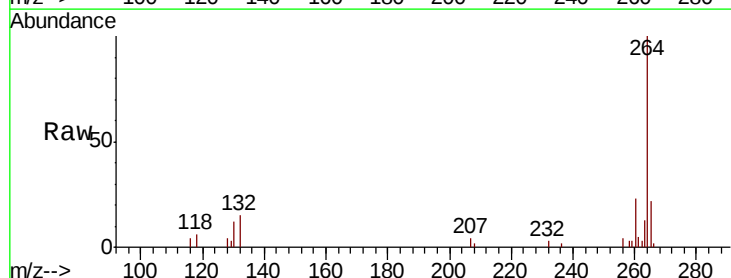
Tgt Ion:264 Resp: 38156

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.4 26.2



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

