

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005108.D
 Acq On : 05 Apr 2019 00:01
 Operator : JU/SJ
 Sample : K2240-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)

Quant Time: Apr 05 03:08:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

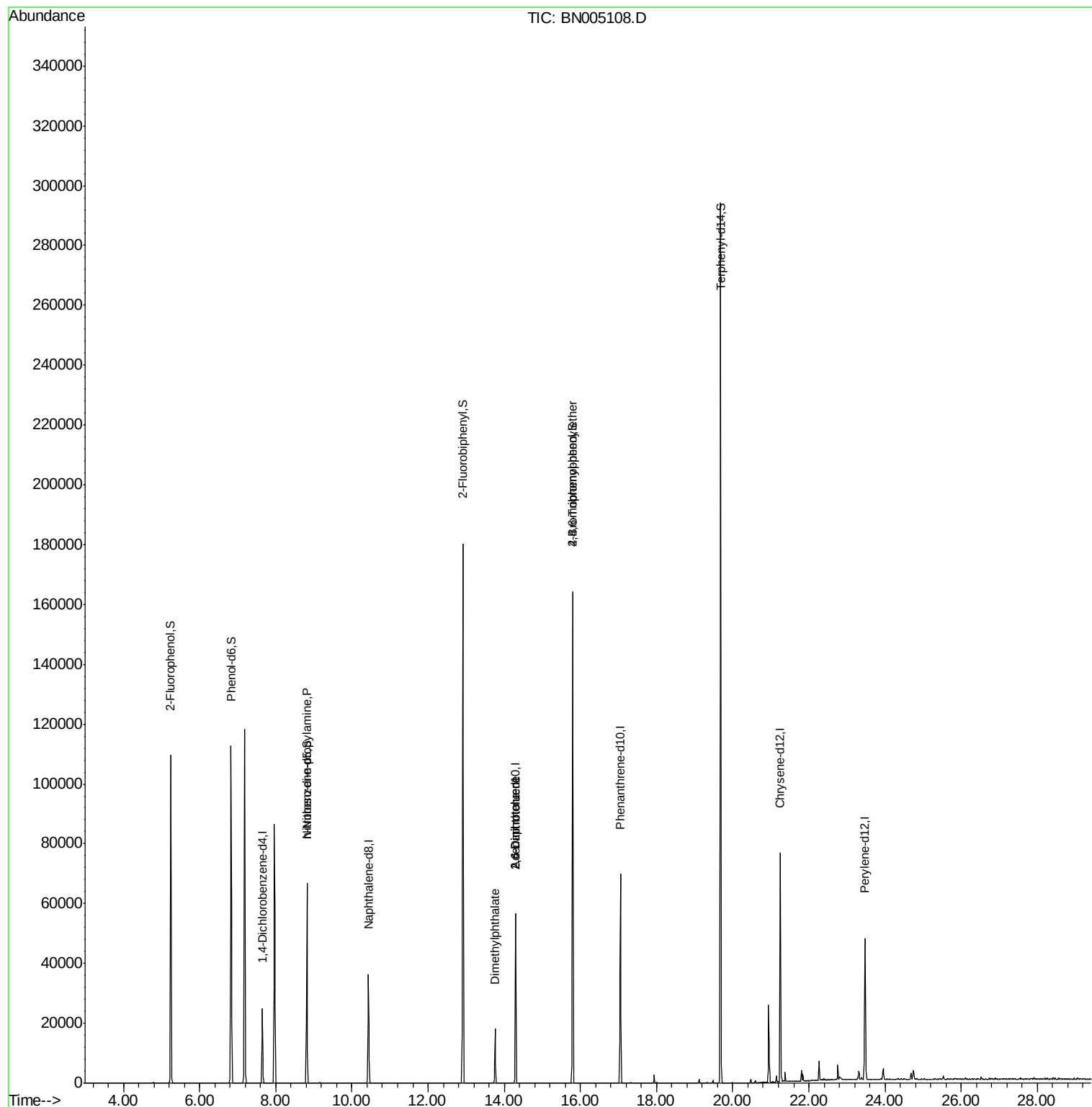
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8045	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34200	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20176	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44424	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	39719	20.00	ng	-0.03
87) Perylene-d12	23.47	264	38881	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	51254	110.15	ng	-0.03
7) Phenol-d6	6.83	99	69291	112.27	ng	-0.03
23) Nitrobenzene-d5	8.82	82	39137	69.22	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	39029	119.94	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	99297	65.22	ng	-0.03
79) Terphenyl-d14	19.69	244	145495	70.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	4953	12.242	ng	Qvalue # 74
50) Dimethylphthalate	13.76	163	13952	8.417	ng	# 99
51) 2,6-Dinitrotoluene	14.30	165	2567	6.806	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2567	5.008	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2281	4.115	ng	# 1

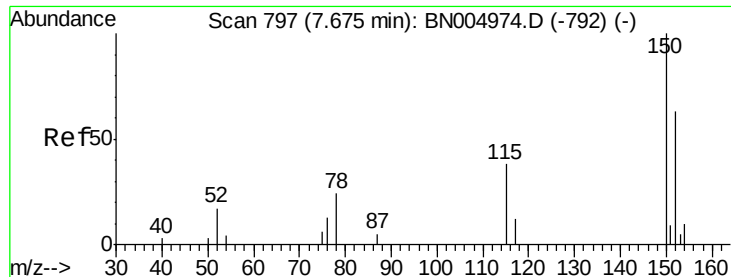
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005108.D
Acq On : 05 Apr 2019 00:01
Operator : JU/SJ
Sample : K2240-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Quant Time: Apr 05 03:08:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration



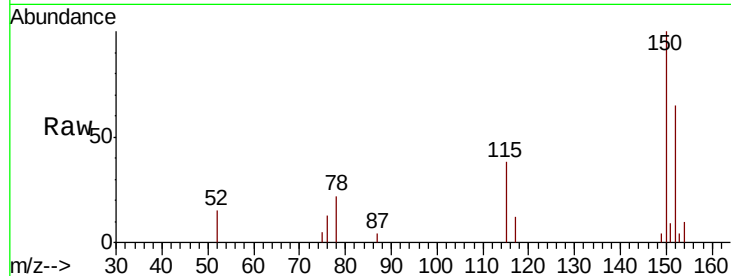


#1

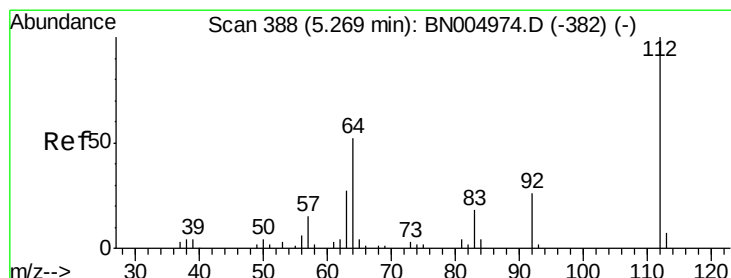
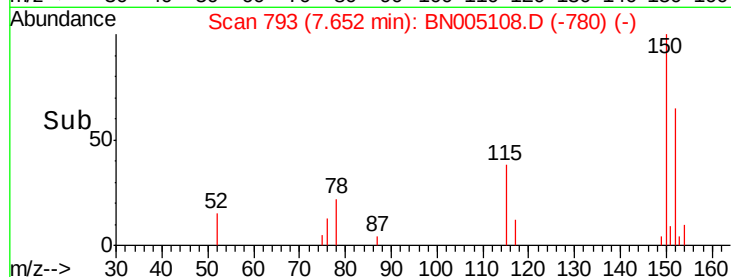
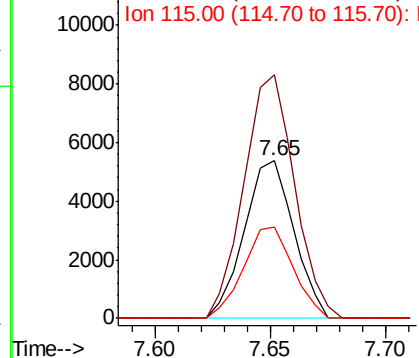
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:152 Resp: 8045
Ion Ratio Lower Upper
152 100
150 154.7 126.9 190.3
115 58.2 47.8 71.6



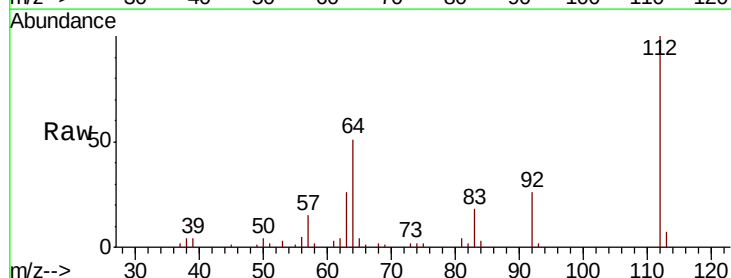
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



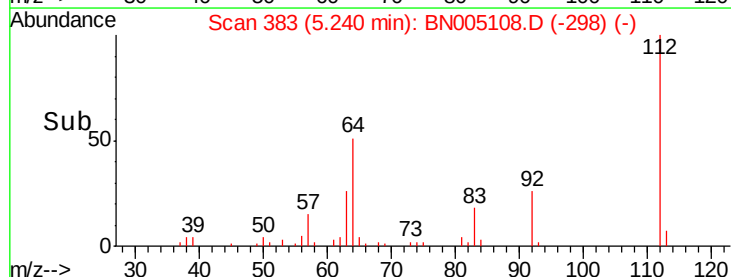
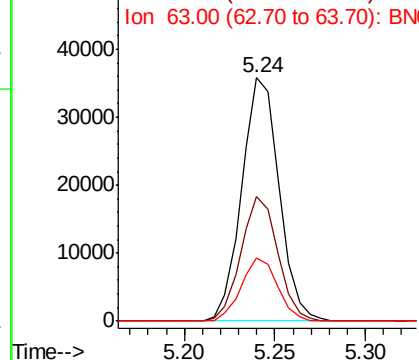
#5

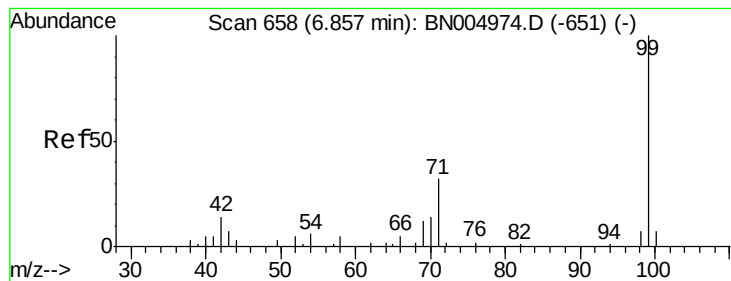
2-Fluorophenol
Concen: 110.147 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:112 Resp: 51254
Ion Ratio Lower Upper
112 100
64 50.9 41.9 62.9
63 25.8 21.4 32.0



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: 112.270 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)

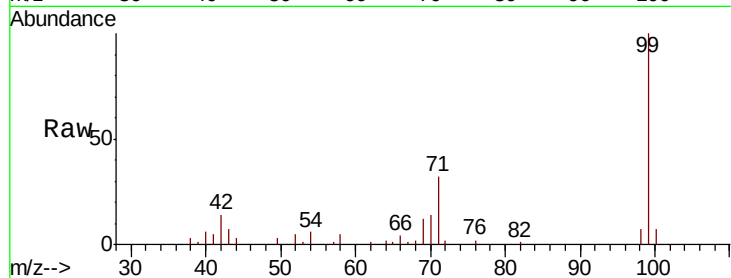
Tgt Ion: 99 Resp: 69291

Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

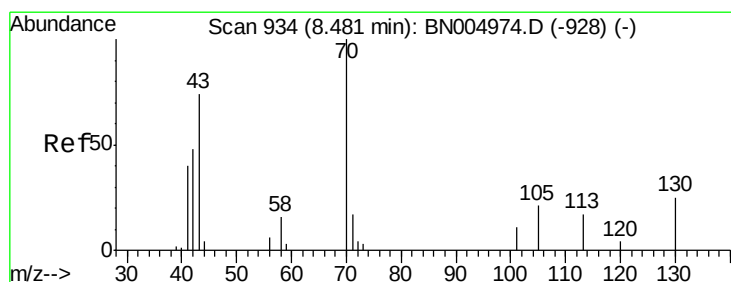
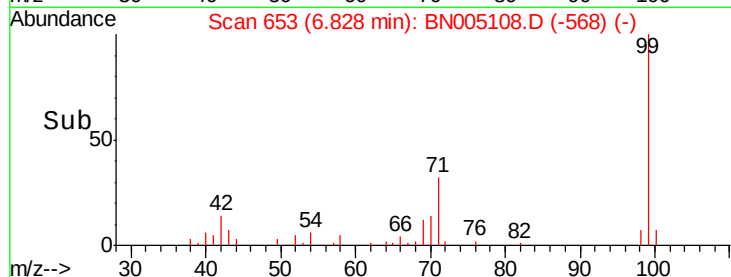
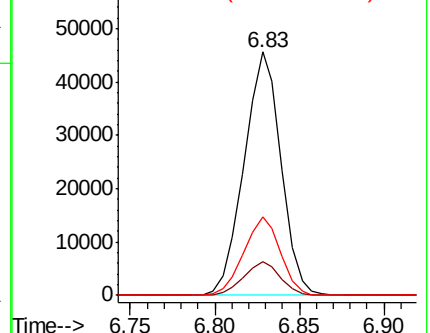
71 32.4 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#19

n-Nitroso-di-n-propylamine

Concen: 12.242 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

Tgt Ion: 70 Resp: 4953

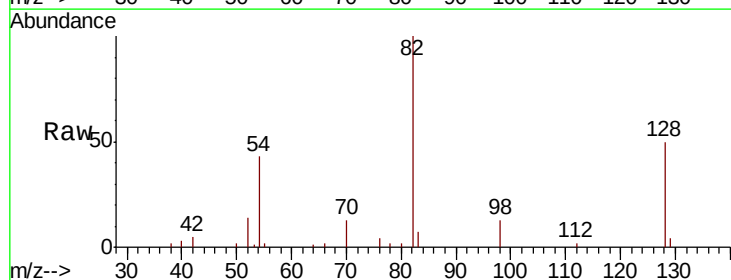
Ion Ratio Lower Upper

70 100

42 38.6 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

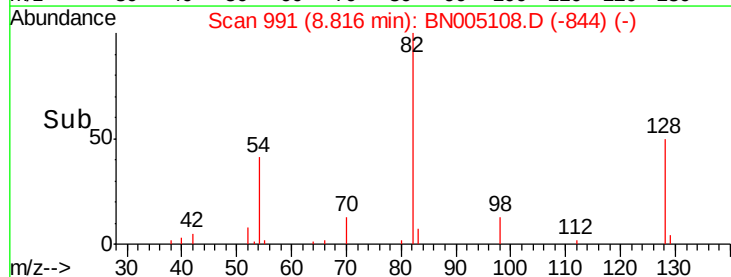
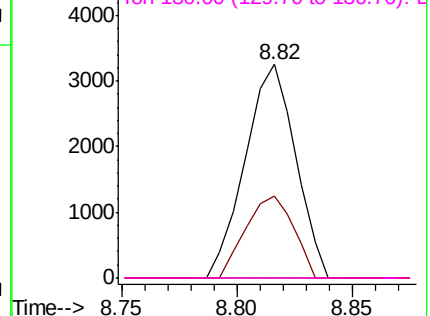


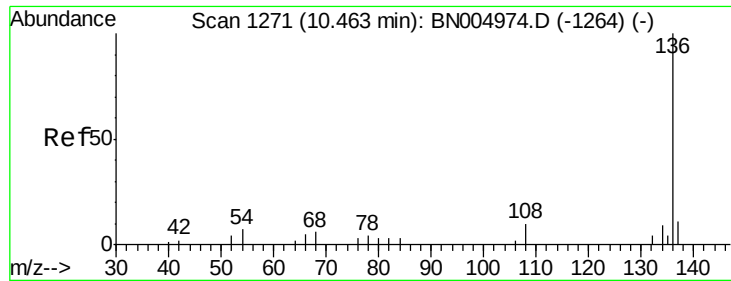
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)

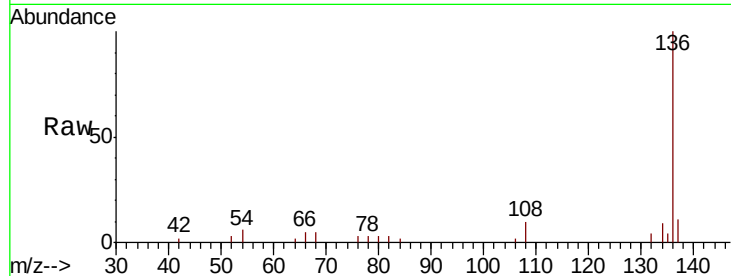




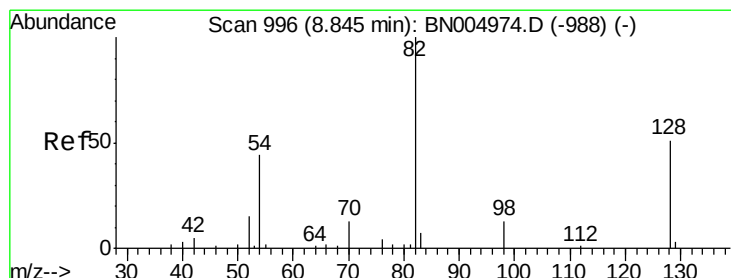
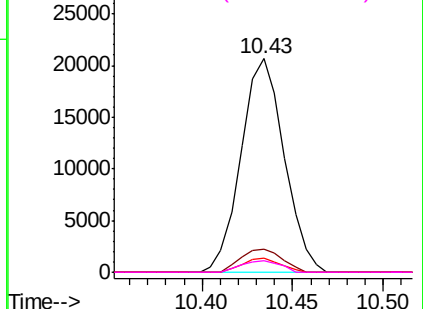
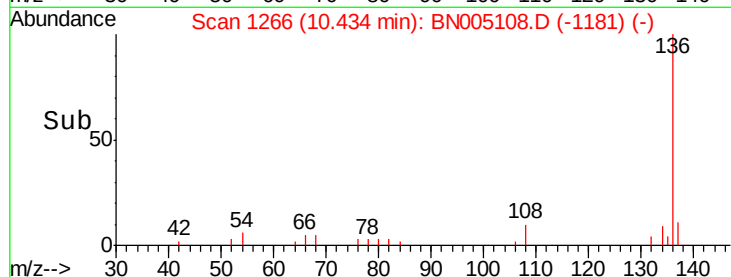
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:	136	Resp:	34200
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.3	7.9
68	5.2	4.6	6.8

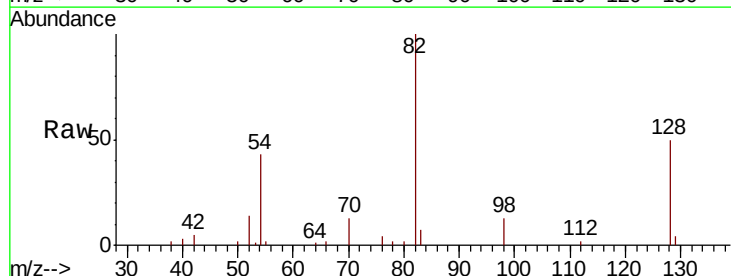


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

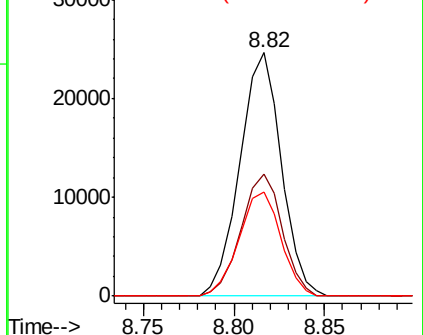
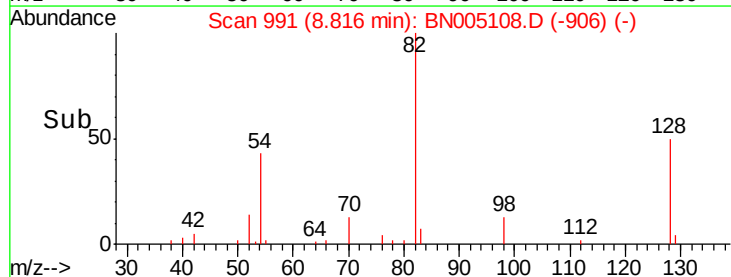


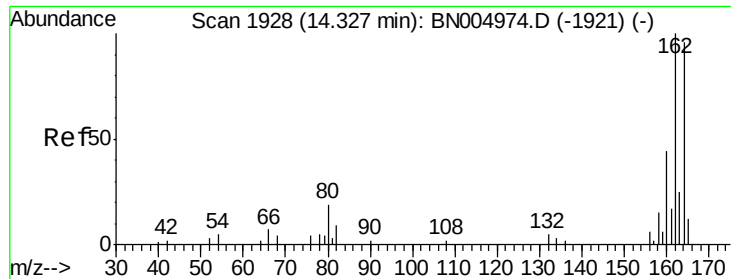
#23
Nitrobenzene-d5
Concen: 69.224 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:	82	Resp:	39137
Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.6	60.8
54	42.8	35.2	52.8



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

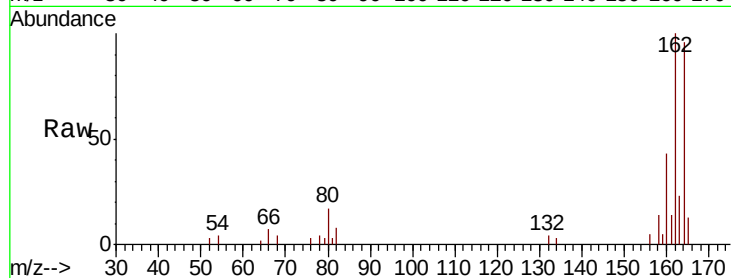




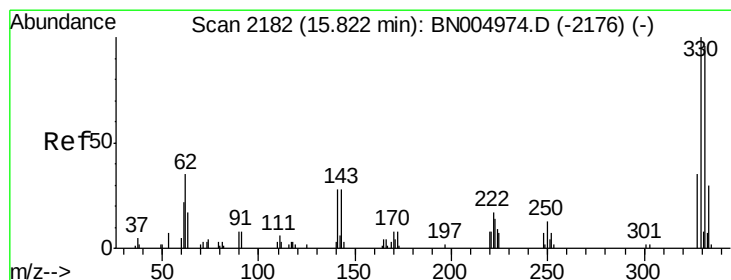
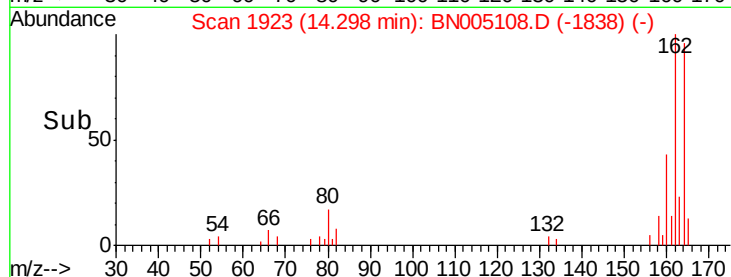
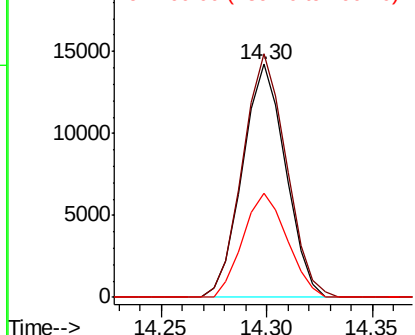
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005108.D
 Acq: 05 Apr 2019 00:01

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)

Tgt Ion:164 Resp: 20176
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.4 125.0
 160 44.9 36.6 55.0

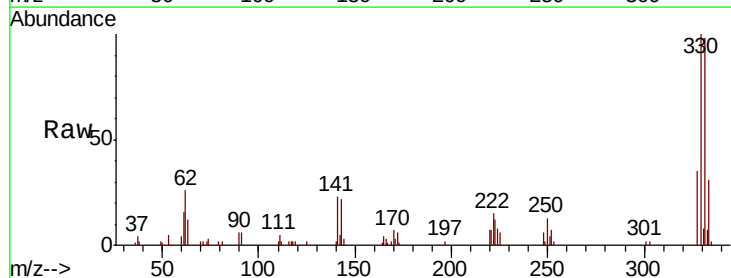


Abundance Ion 164.00 (163.70 to 164.70): E
 20000 Ion 162.00 (161.70 to 162.70): E
 15000 Ion 160.00 (159.70 to 160.70): E

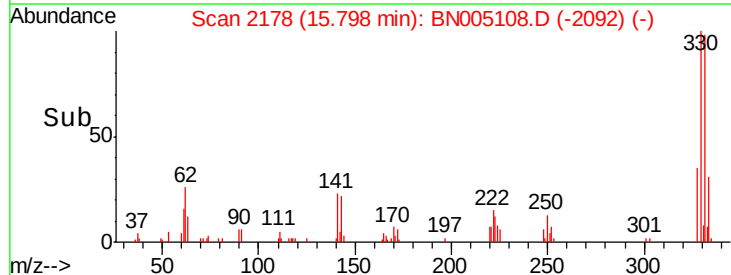
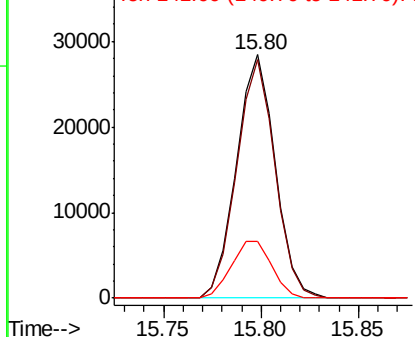


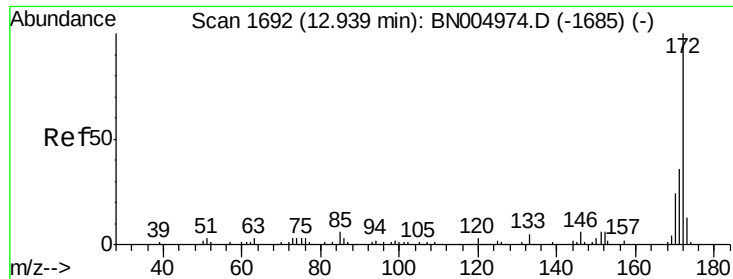
#42
 2,4,6-Tribromophenol
 Concen: 119.941 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005108.D
 Acq: 05 Apr 2019 00:01

Tgt Ion:330 Resp: 39029
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 24.6 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
 30000 Ion 331.80 (331.50 to 332.50): E
 20000 Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 65.217 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.03 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)

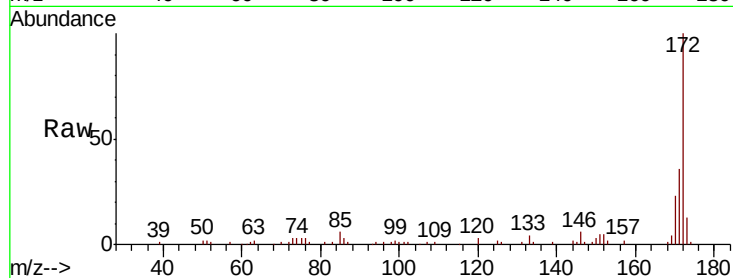
Tgt Ion:172 Resp: 99297

Ion Ratio Lower Upper

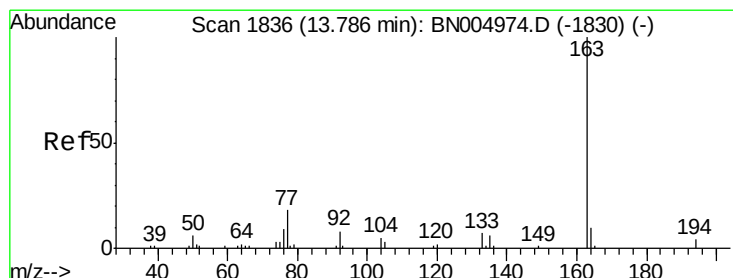
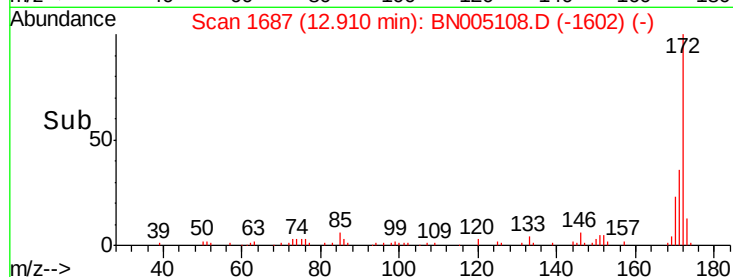
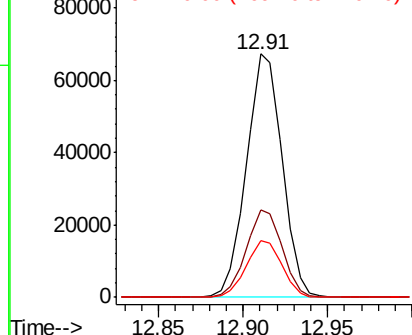
172 100

171 36.0 28.6 42.8

170 23.2 18.9 28.3



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: 8.417 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

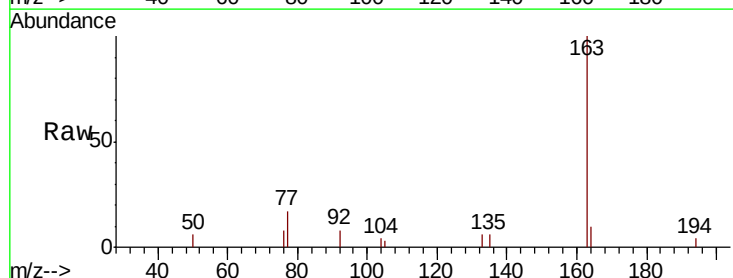
Tgt Ion:163 Resp: 13952

Ion Ratio Lower Upper

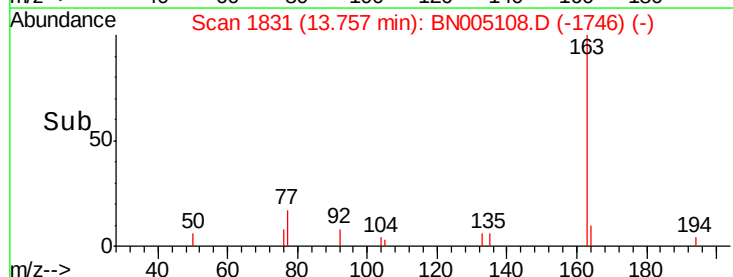
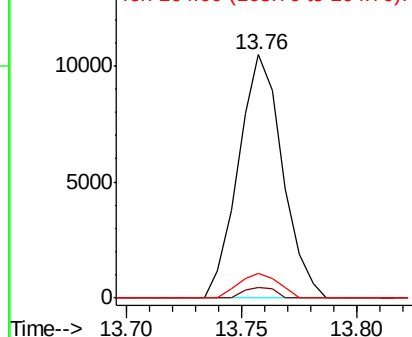
163 100

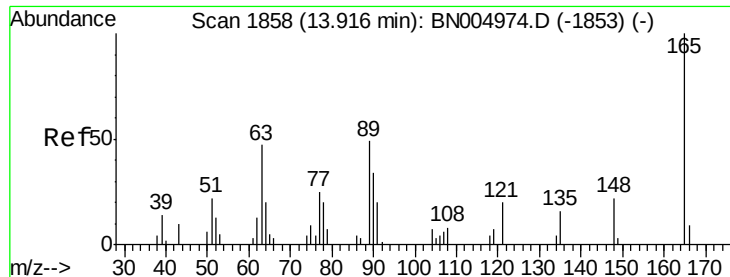
194 4.2 3.4 5.0

164 9.9 8.3 12.5



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

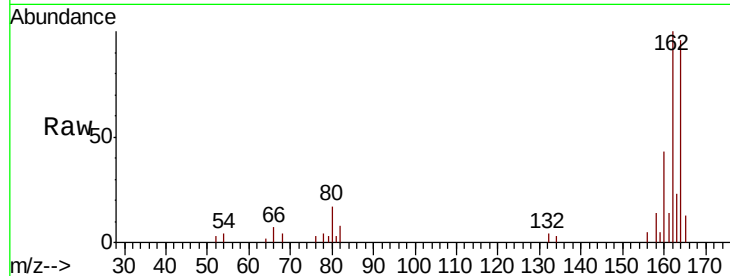




#51
 2,6-Dinitrotoluene
 Concen: 6.806 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005108.D
 Acq: 05 Apr 2019 00:01

Instrument :
 BNA_N
 ClientSampleId :
 SB-02-(0-2)

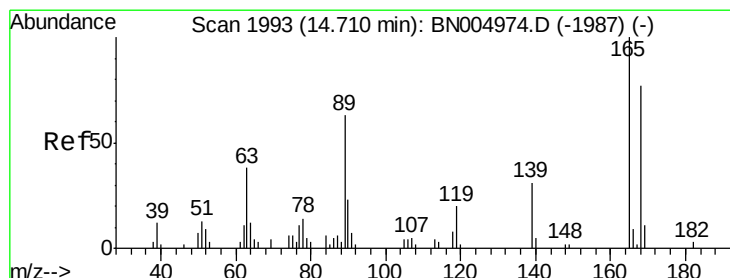
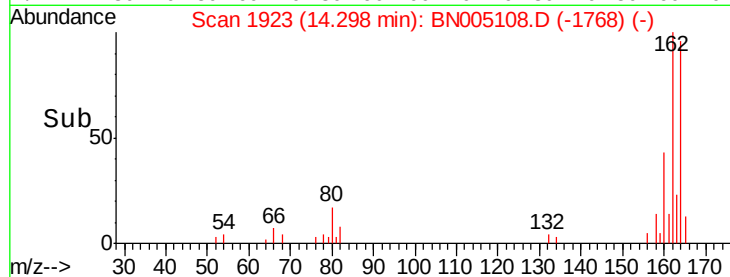
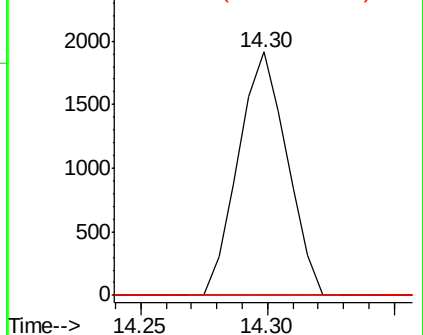
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



Abundance Ion 165.00 (164.70 to 165.70): E

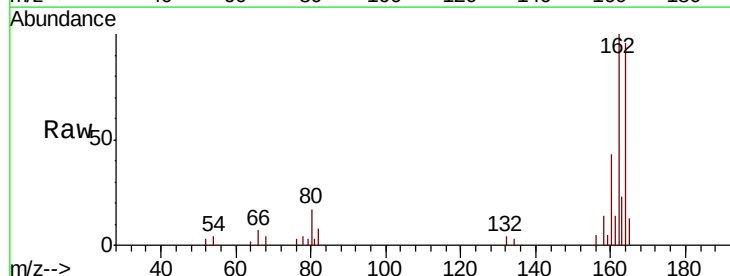
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#57
 2,4-Dinitrotoluene
 Concen: 5.008 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005108.D
 Acq: 05 Apr 2019 00:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#

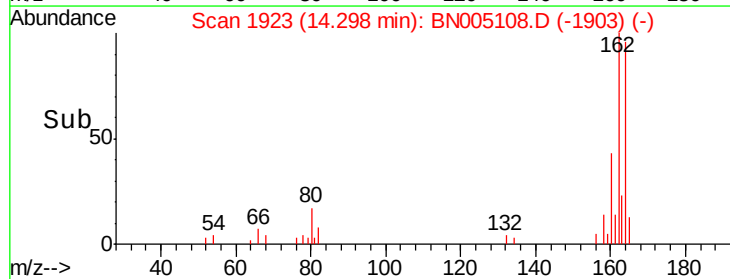
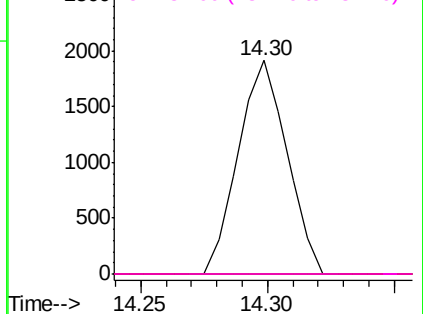


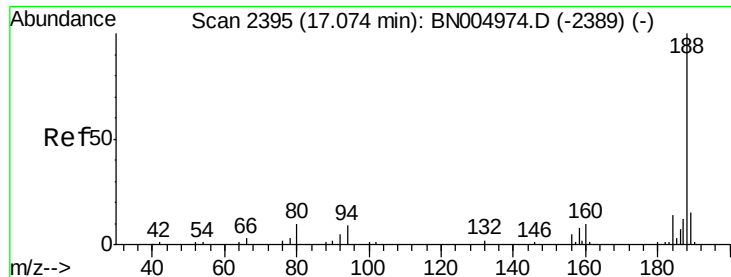
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)

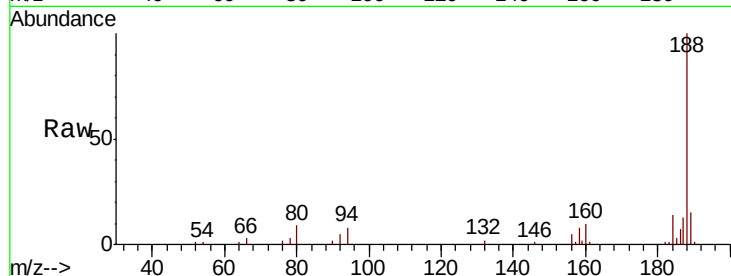
Tgt Ion:188 Resp: 44424

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

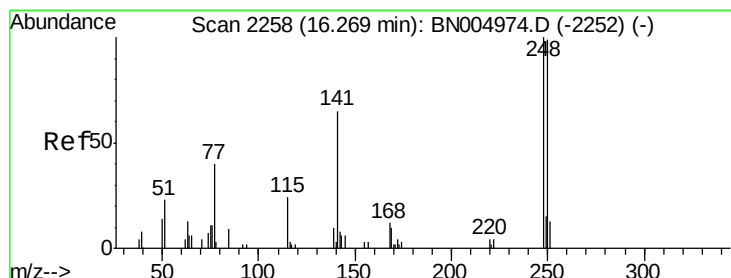
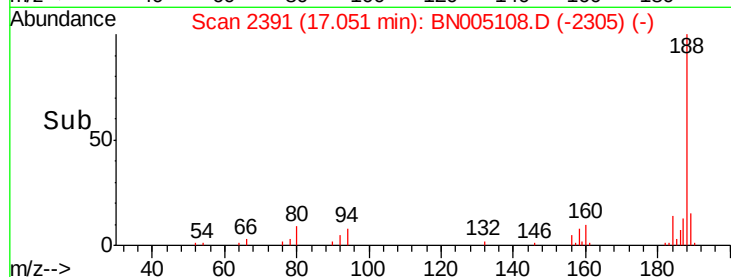
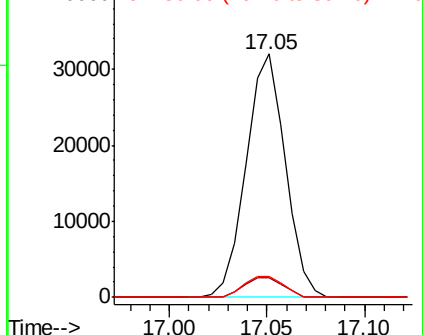
80 8.7 7.8 11.6



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: 4.115 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

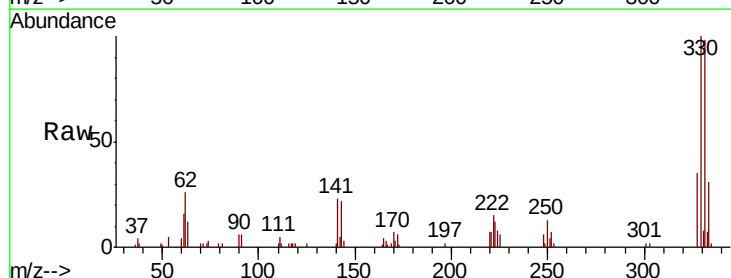
Tgt Ion:248 Resp: 2281

Ion Ratio Lower Upper

248 100

250 208.4 79.4 119.2#

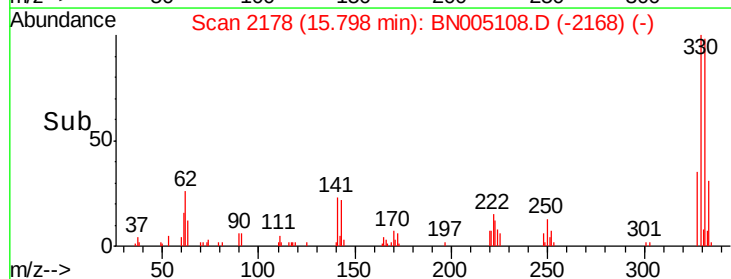
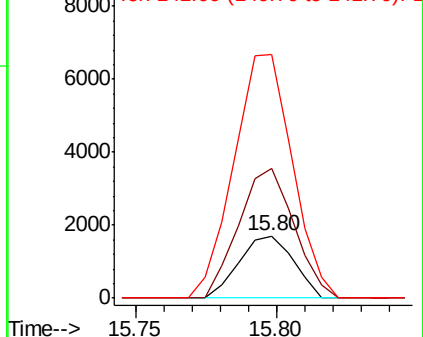
141 390.0 52.3 78.5#

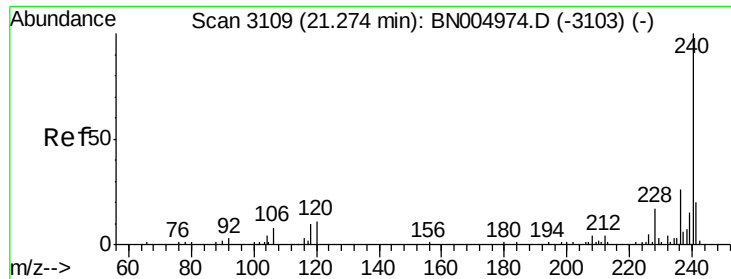


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3104

Delta R.T. -0.03 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

Instrument :

BNA_N

ClientSampleId :

SB-02-(0-2)

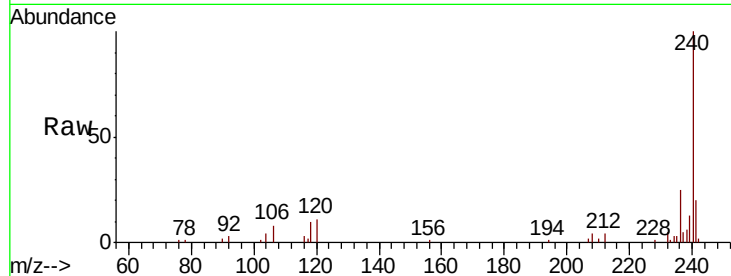
Tgt Ion:240 Resp: 39719

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

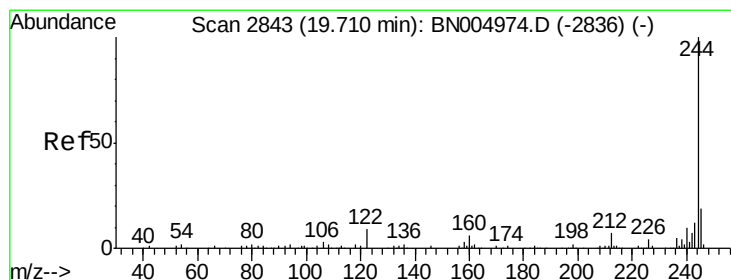
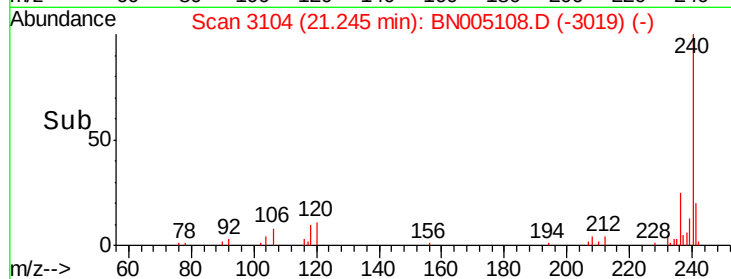
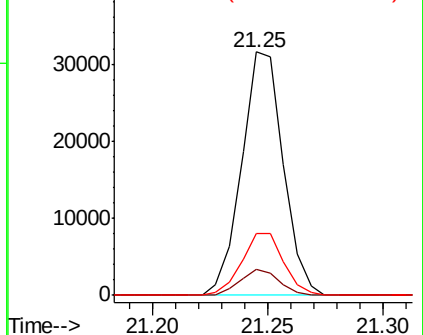
236 25.5 21.2 31.8



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: 70.524 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005108.D

Acq: 05 Apr 2019 00:01

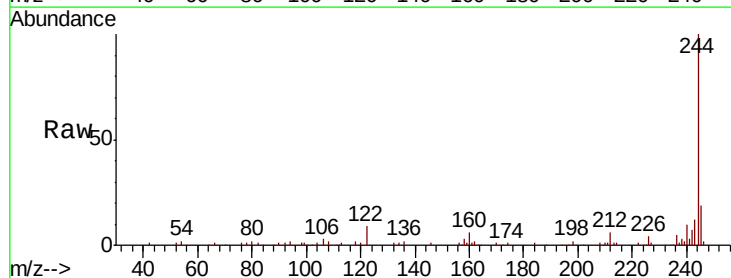
Tgt Ion:244 Resp: 145495

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

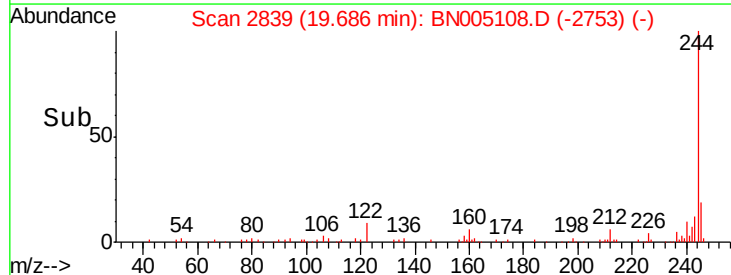
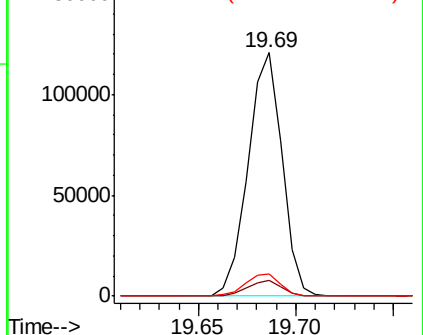
122 9.1 7.4 11.2

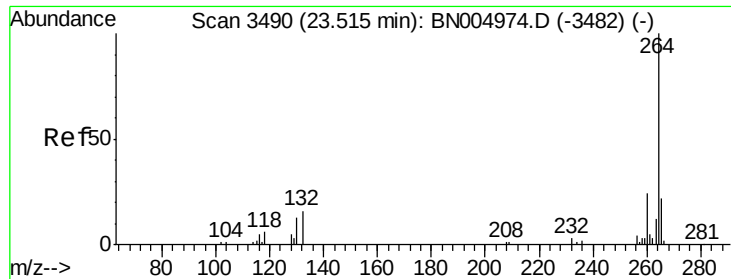


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

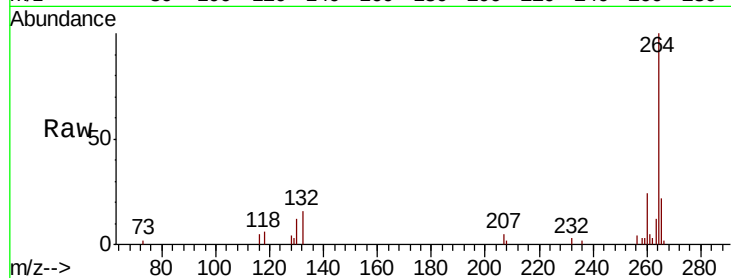




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:264 Resp: 38881
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.1 17.2 25.8



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

