

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005098.D
 Acq On : 04 Apr 2019 18:06
 Operator : JU/SJ
 Sample : K2245-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-1S

Quant Time: Apr 05 03:05:53 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

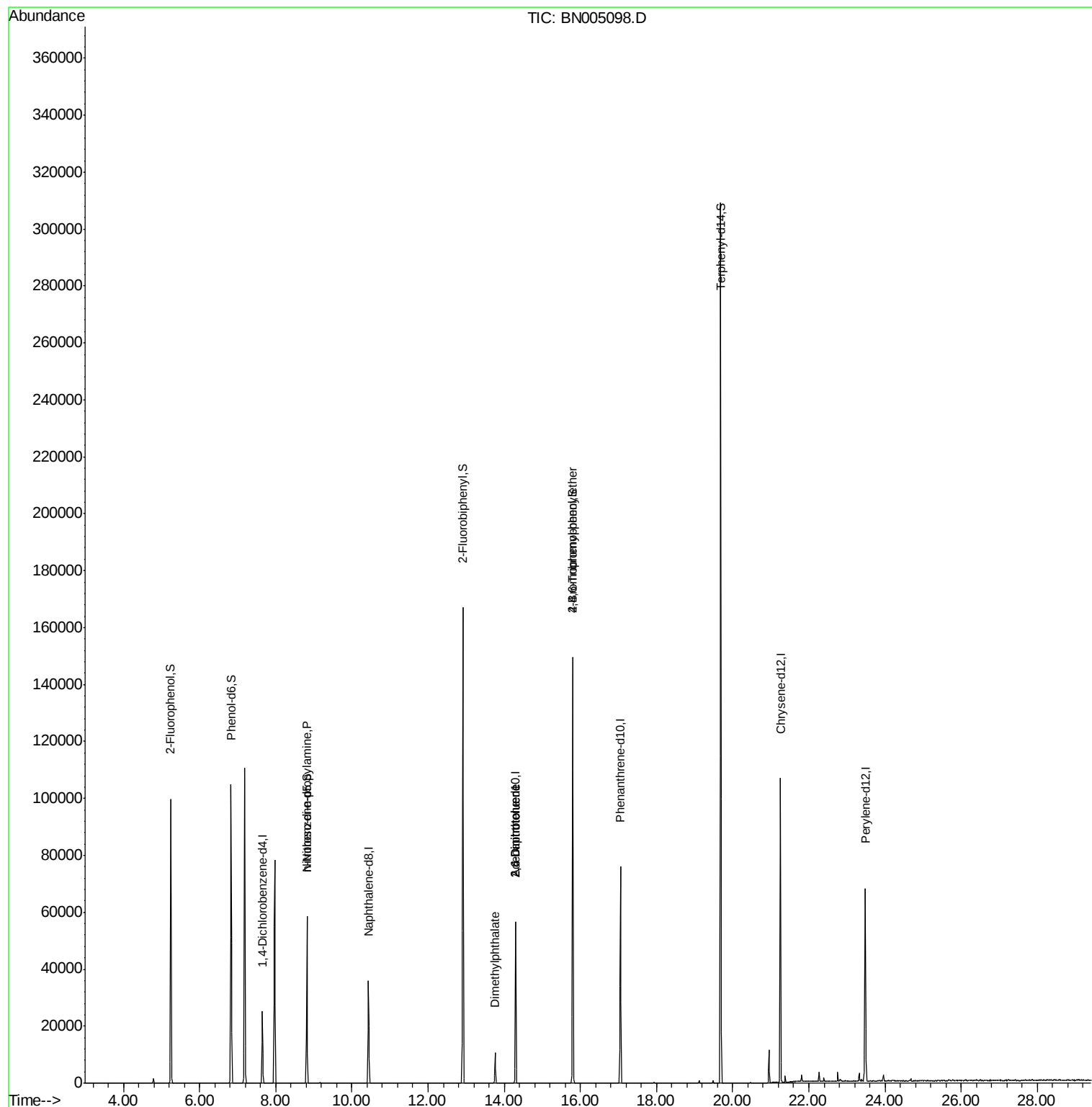
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8016	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33405	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20055	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	47546	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	53810	20.00	ng	-0.02
87) Perylene-d12	23.48	264	51765	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	47382	102.19	ng	-0.03
7) Phenol-d6	6.83	99	63083	102.58	ng	-0.03
23) Nitrobenzene-d5	8.82	82	34756	62.94	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	34711	107.31	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	91183	60.25	ng	-0.03
79) Terphenyl-d14	19.69	244	155112	55.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	4289	10.639	ng	# 74
50) Dimethylphthalate	13.76	163	9615	5.836	ng	# 96
51) 2,6-Dinitrotoluene	14.30	165	2472	6.593	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2472	4.852	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	1984	3.344	ng	# 1

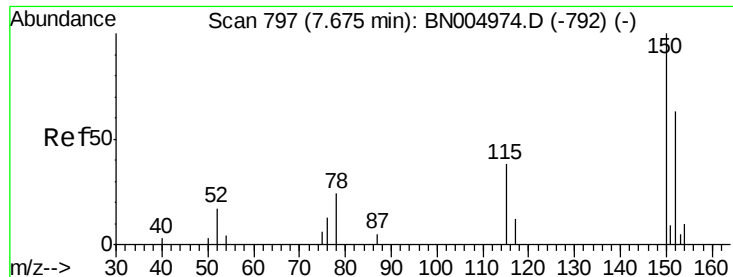
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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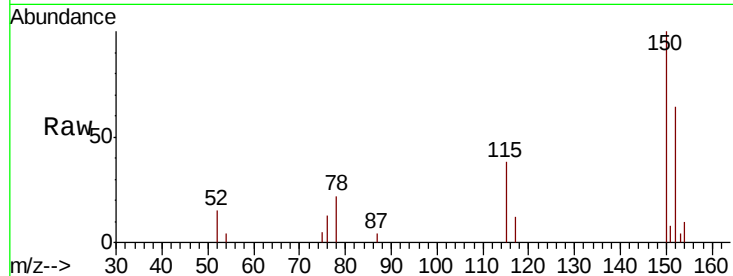


#1

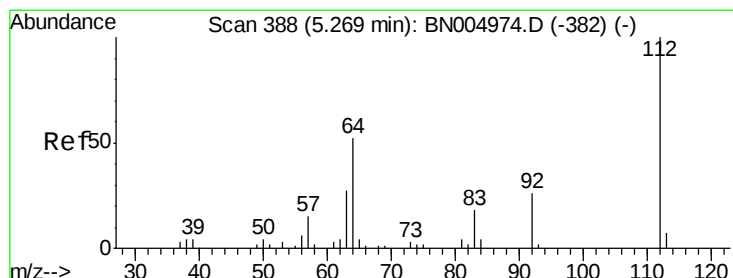
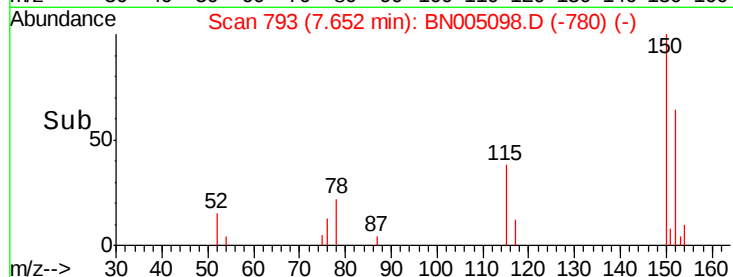
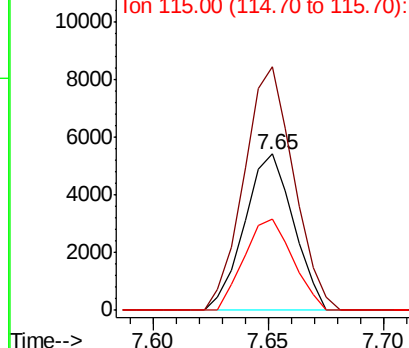
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Instrument :
BNA_N
ClientSampleId :
TP-1S

Tgt Ion:152 Resp: 8016
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 58.8 47.8 71.6



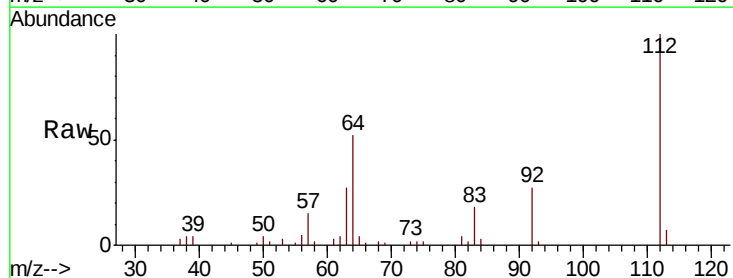
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



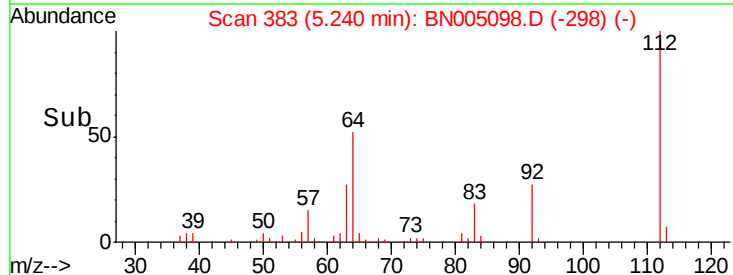
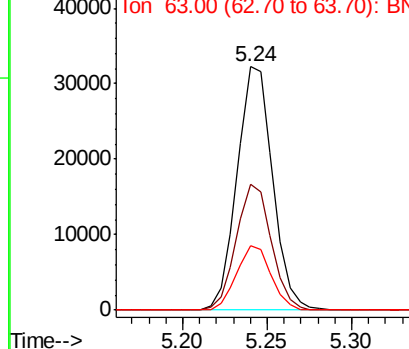
#5

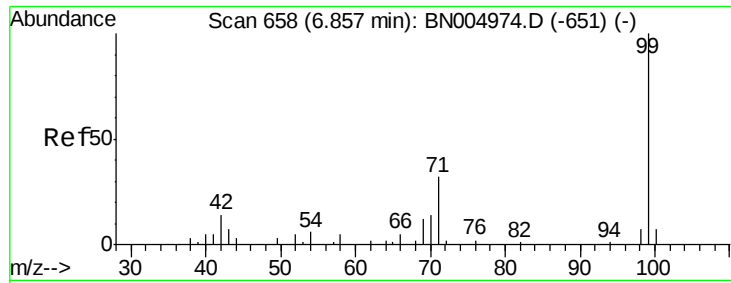
2-Fluorophenol
Concen: 102.194 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Tgt Ion:112 Resp: 47382
Ion Ratio Lower Upper
112 100
64 51.8 41.9 62.9
63 26.6 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: 102.581 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005098.D

Acq: 04 Apr 2019 18:06

Instrument :

BNA_N

ClientSampled :

TP-1S

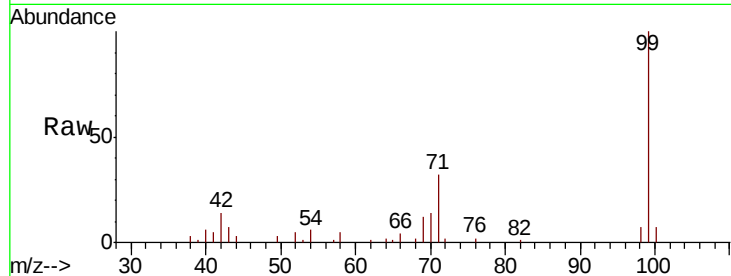
Tgt Ion: 99 Resp: 63083

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

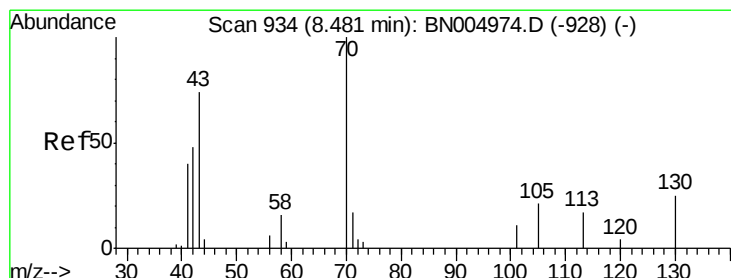
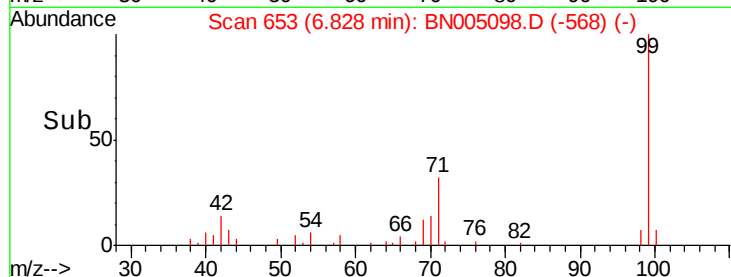
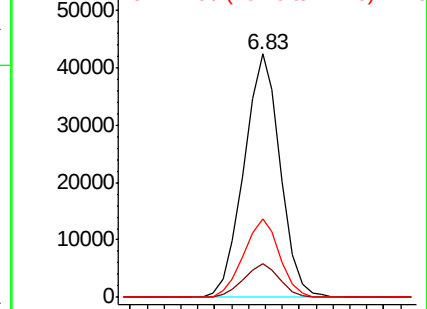
71 32.3 25.8 38.8



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: 10.639 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005098.D

Acq: 04 Apr 2019 18:06

Tgt Ion: 70 Resp: 4289

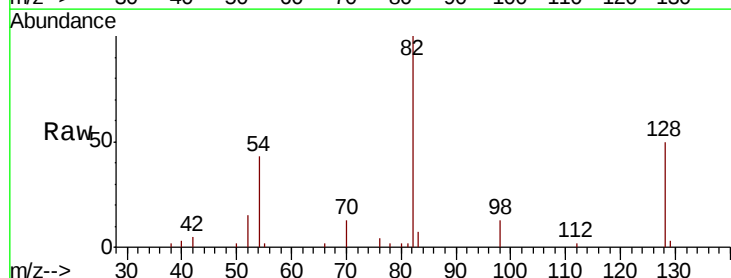
Ion Ratio Lower Upper

70 100

42 39.1 38.4 57.6

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

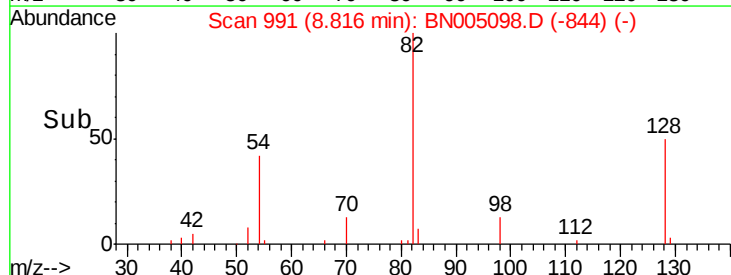
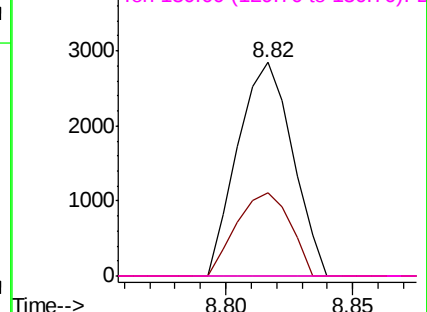


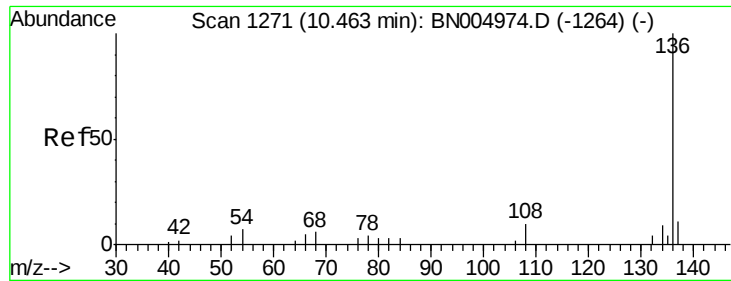
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

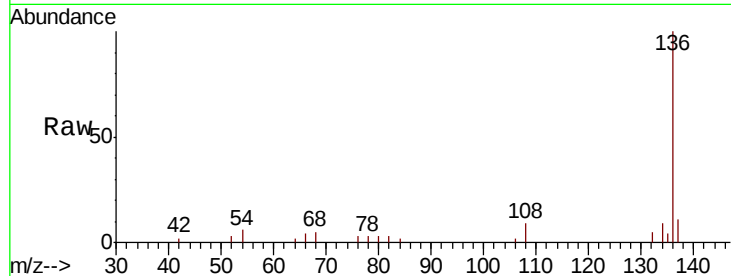




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Instrument :
BNA_N
ClientSampleId :
TP-1S

Tgt Ion:	136	Resp:	33405
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.3	7.9
68	5.3	4.6	6.8



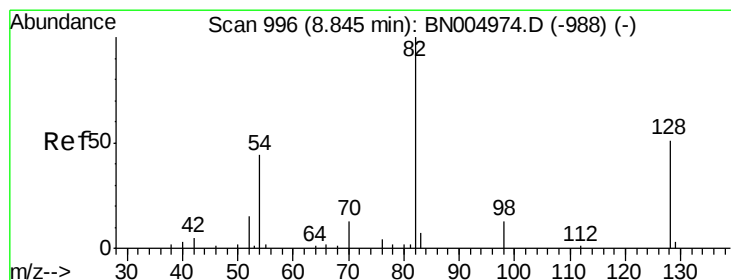
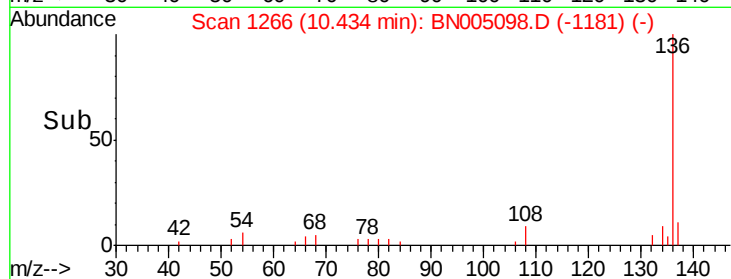
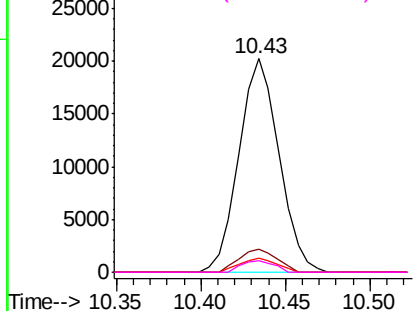
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

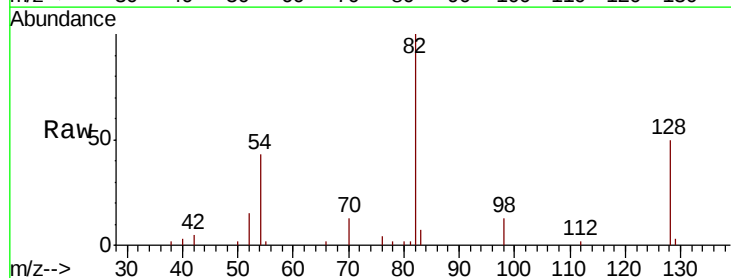
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23
Nitrobenzene-d5
Concen: 62.938 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Tgt Ion:	82	Resp:	34756
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.6	60.8
54	43.4	35.2	52.8

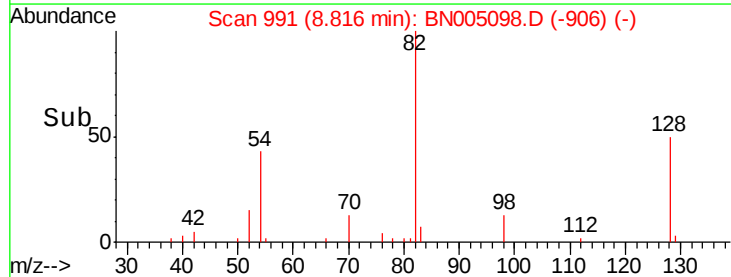
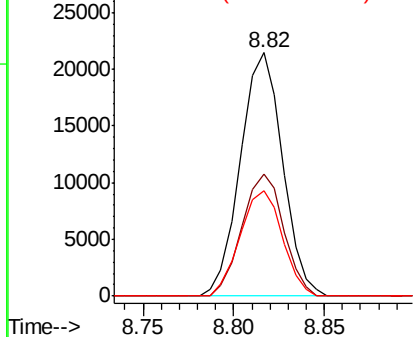


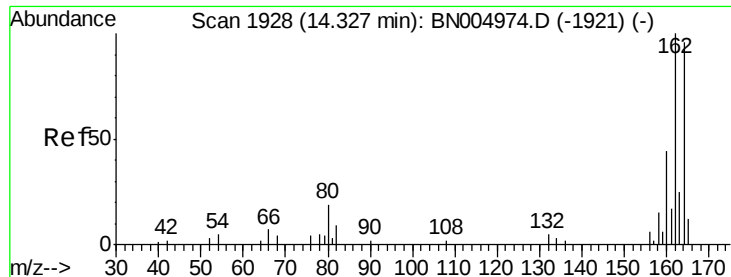
Abundance

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

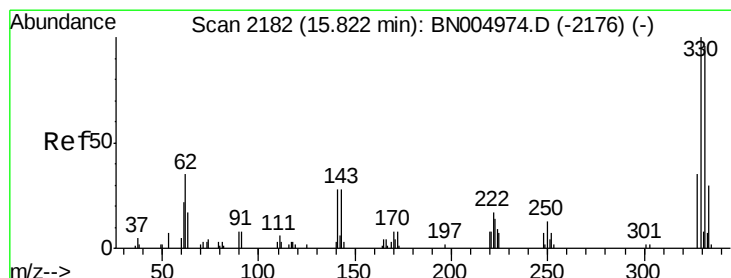
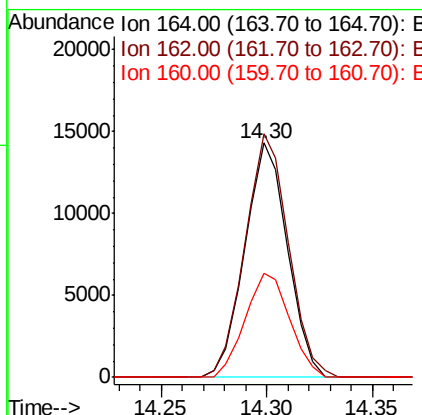
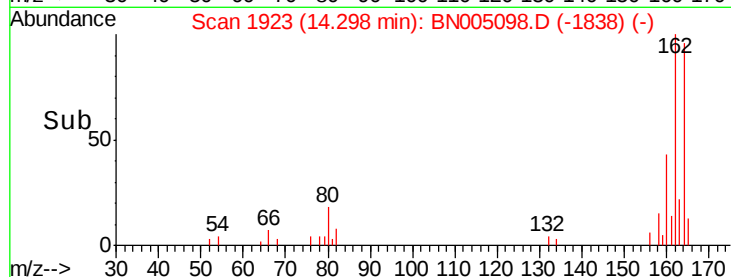
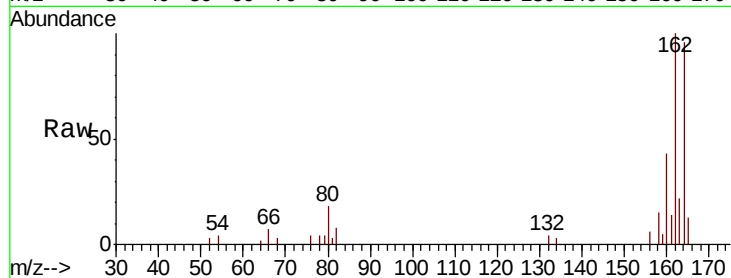




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

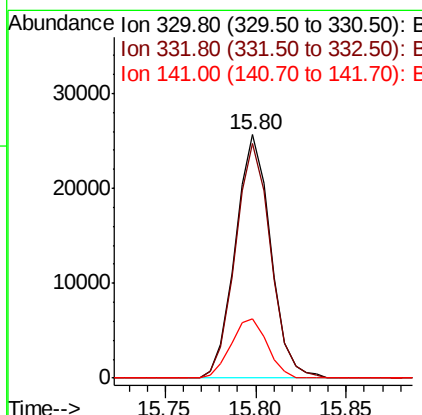
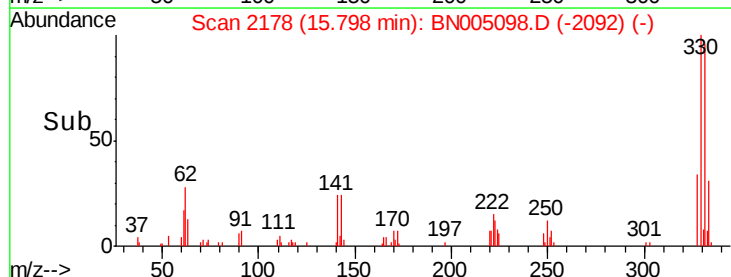
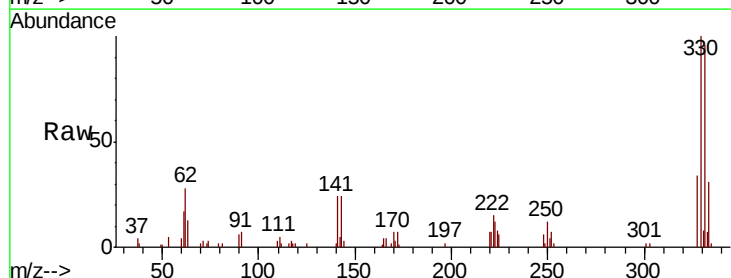
Instrument :
 BNA_N
 ClientSampleId :
 TP-1S

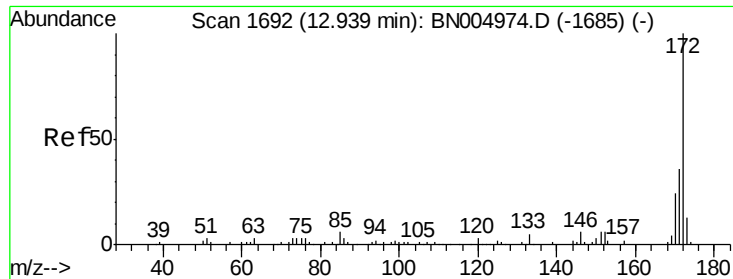
Tgt Ion:164 Resp: 20055
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.4 125.0
 160 44.7 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 107.315 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

Tgt Ion:330 Resp: 34711
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 24.8 22.1 33.1

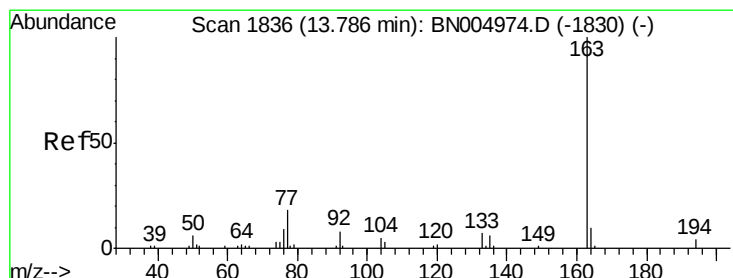
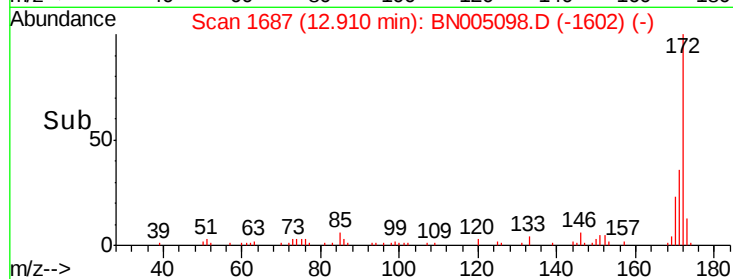
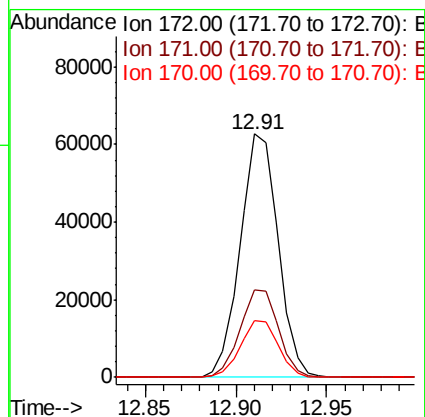
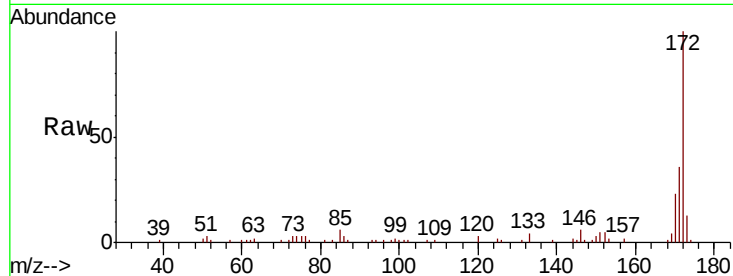




#45
 2-Fluorobiphenyl
 Concen: 60.249 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

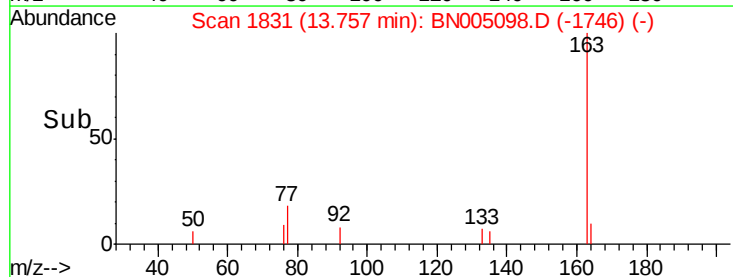
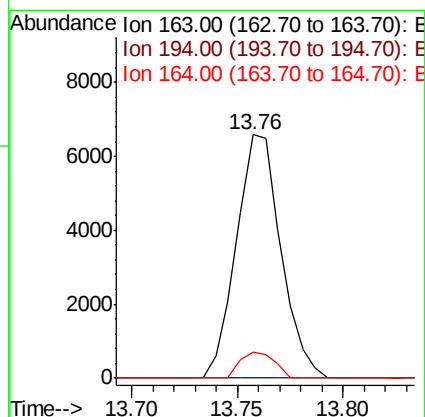
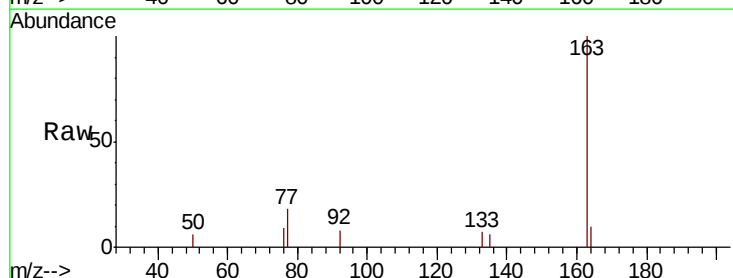
Instrument :
 BNA_N
 ClientSampleId :
 TP-1S

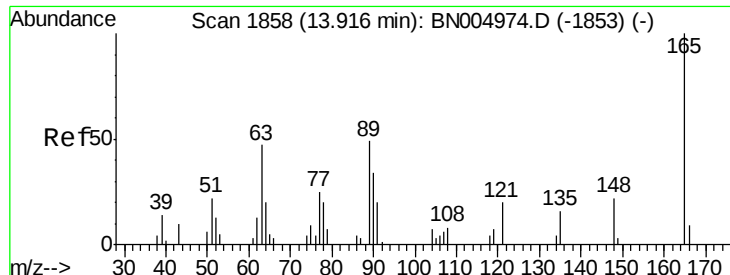
Tgt Ion:172 Resp: 91183
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.4 18.9 28.3



#50
 Dimethylphthalate
 Concen: 5.836 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

Tgt Ion:163 Resp: 9615
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.0#
 164 10.4 8.3 12.5

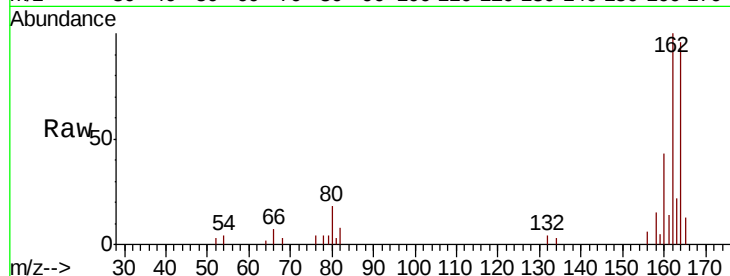




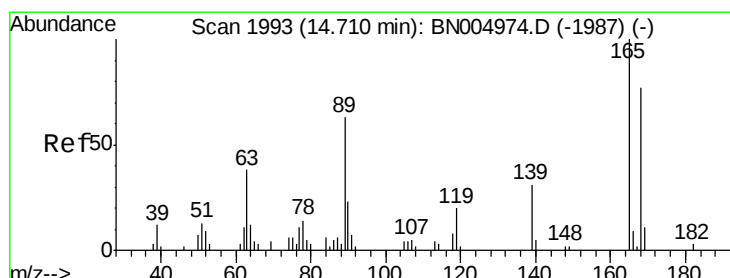
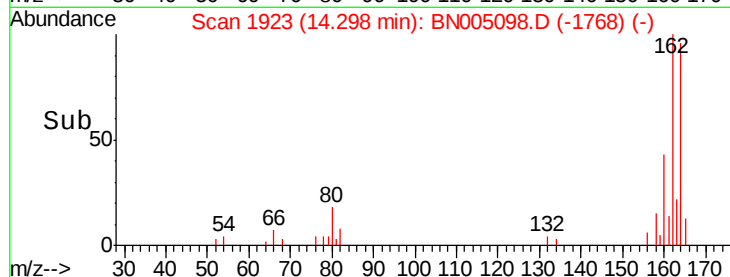
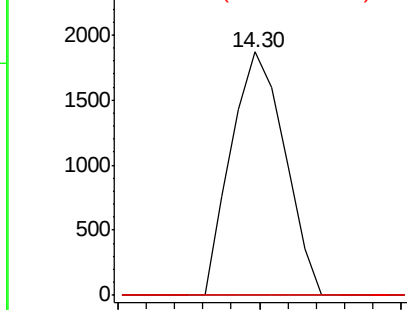
#51
 2,6-Dinitrotoluene
 Concen: 6.593 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

Instrument :
 BNA_N
 ClientSampleId :
 TP-1S

Tgt Ion:165 Resp: 2472
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

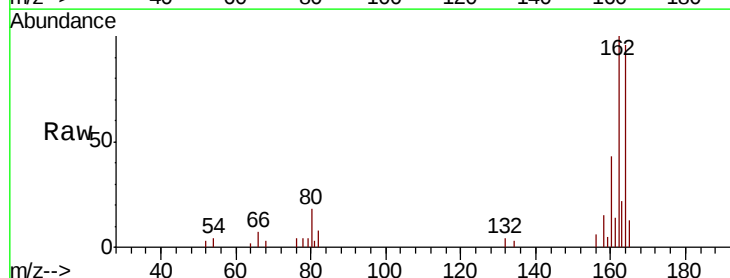


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

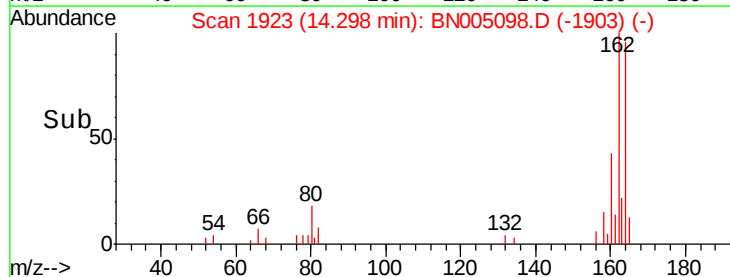
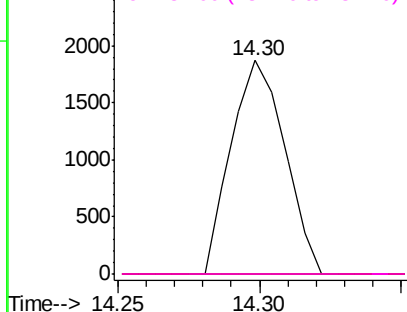


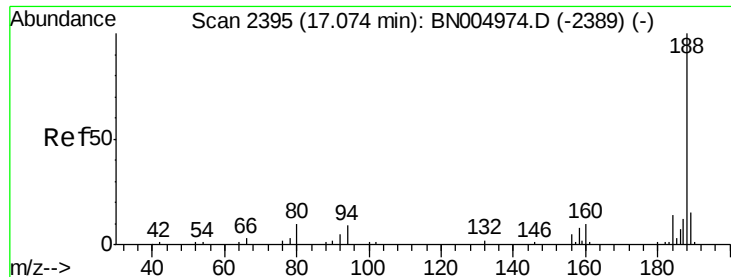
#57
 2,4-Dinitrotoluene
 Concen: 4.852 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005098.D
 Acq: 04 Apr 2019 18:06

Tgt Ion:165 Resp: 2472
 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: BN005098.D

Acq: 04 Apr 2019 18:06

Instrument :

BNA_N

ClientSampleId :

TP-1S

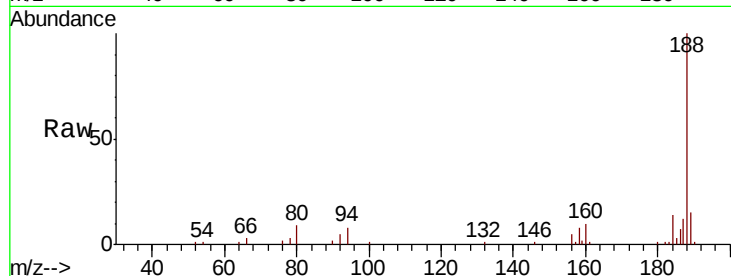
Tgt Ion:188 Resp: 47546

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

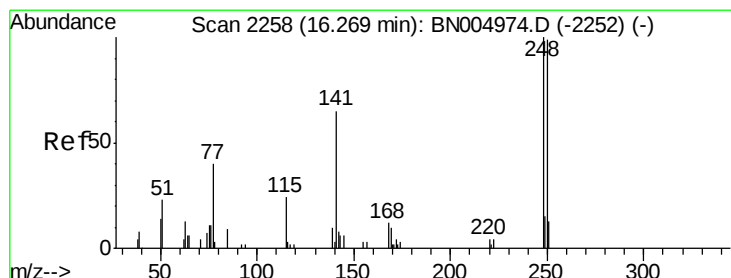
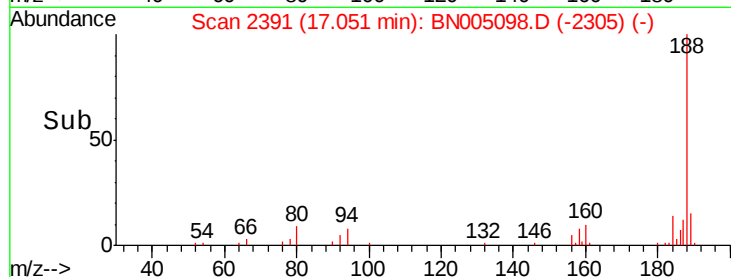
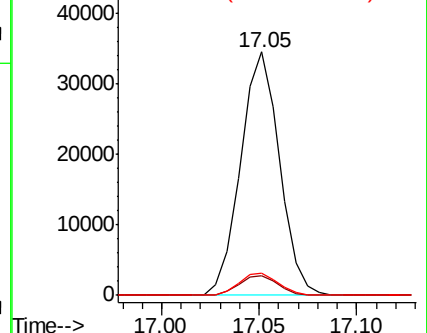
80 9.0 7.8 11.6



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: 3.344 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005098.D

Acq: 04 Apr 2019 18:06

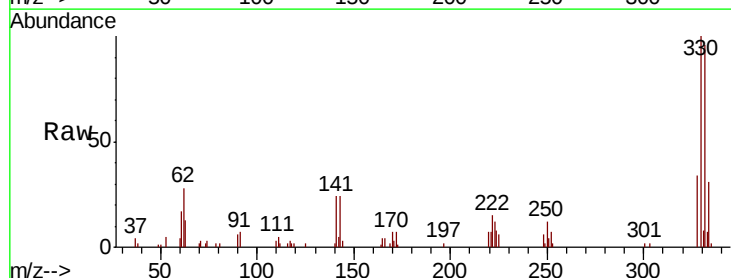
Tgt Ion:248 Resp: 1984

Ion Ratio Lower Upper

248 100

250 196.2 79.4 119.2#

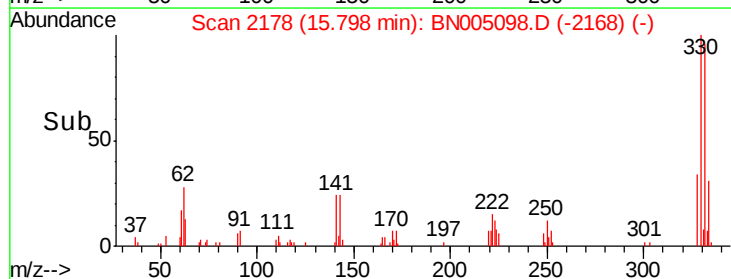
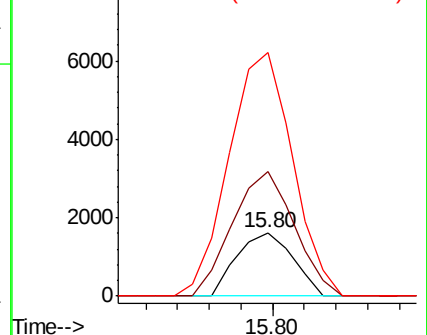
141 383.8 52.3 78.5#

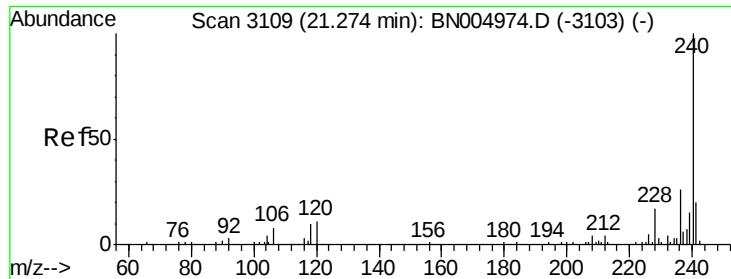


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

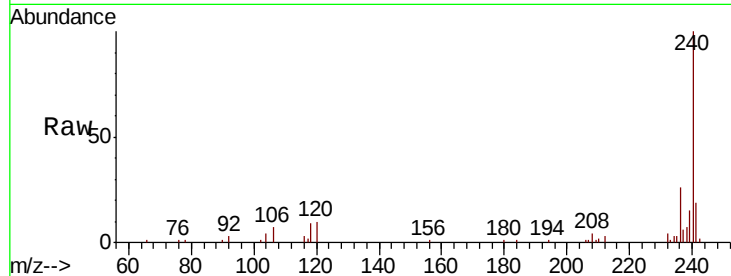




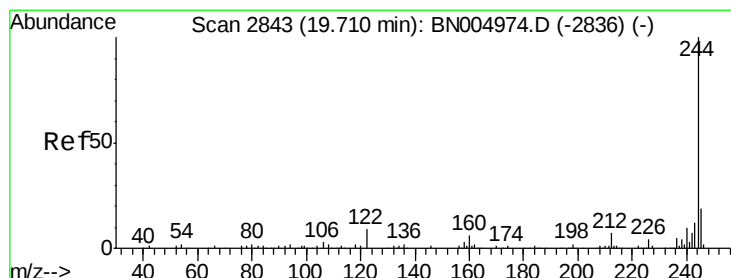
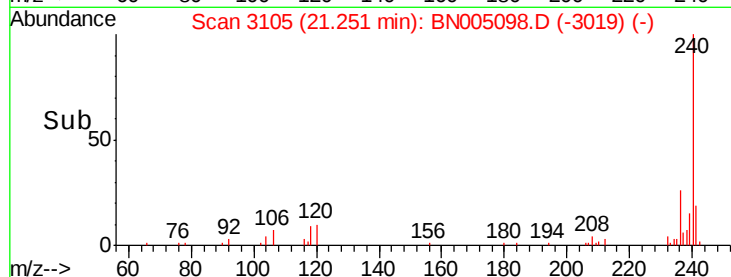
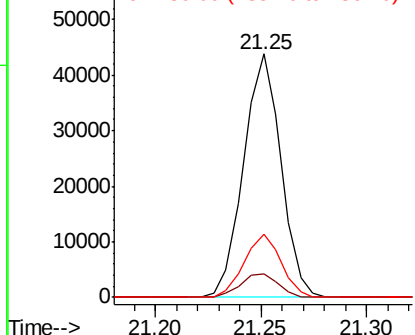
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Instrument :
BNA_N
ClientSampleId :
TP-1S

Tgt Ion:240 Resp: 53810
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.7 21.2 31.8

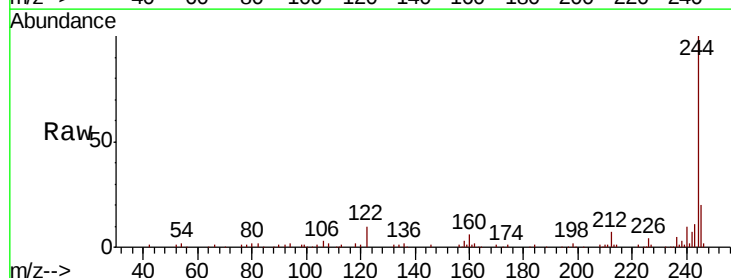


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

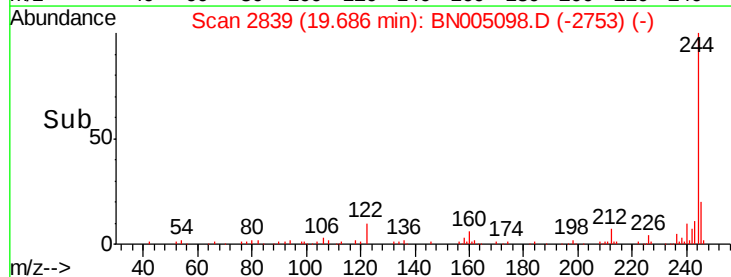
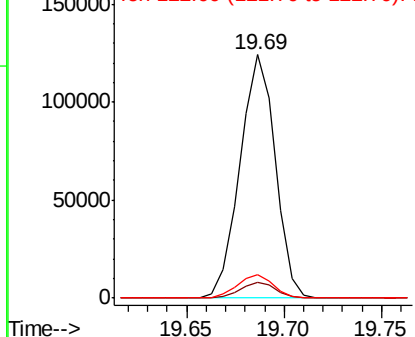


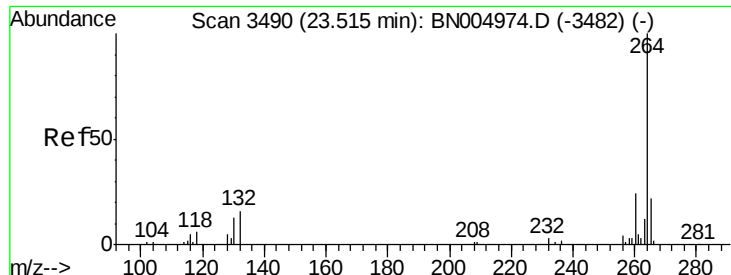
#79
Terphenyl-d14
Concen: 55.497 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Tgt Ion:244 Resp: 155112
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.7 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: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BN005098.D
Acq: 04 Apr 2019 18:06

Instrument :
BNA_N
ClientSampleId :
TP-1S

Tgt Ion: 264 Resp: 51765
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.2 17.2 25.8

