

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005133.D
 Acq On : 10 Apr 2019 18:18
 Operator : JU/SJ
 Sample : K2345-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:32:35 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

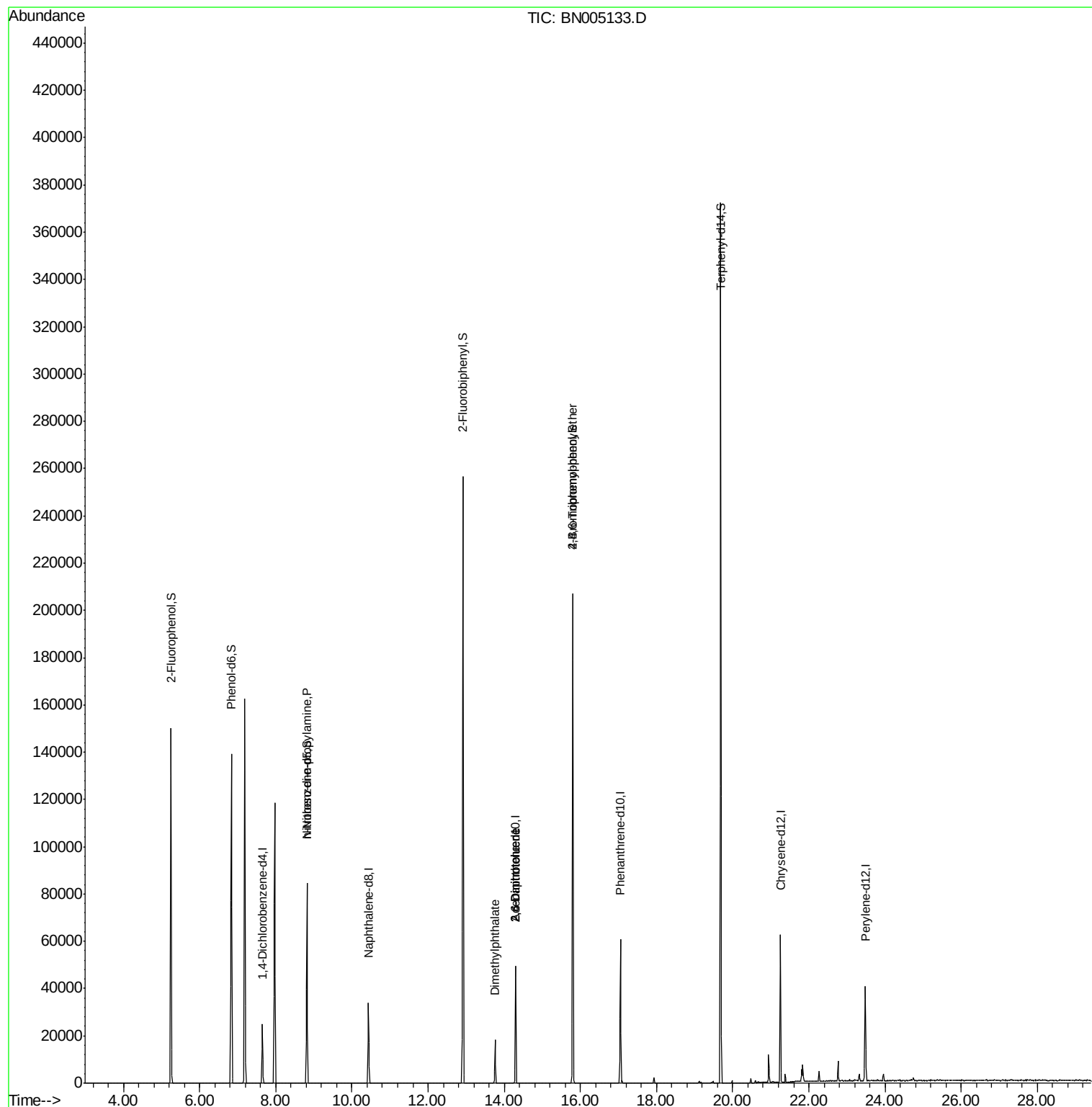
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7946	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31806	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	17853	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	37762	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	32557	20.00	ng	-0.02
87) Perylene-d12	23.48	264	32449	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	69703	151.66	ng	-0.02
7) Phenol-d6	6.83	99	90491	148.45	ng	-0.02
23) Nitrobenzene-d5	8.82	82	50549	96.14	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	48340	167.88	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	136152	101.06	ng	-0.02
79) Terphenyl-d14	19.69	244	184947	109.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	6521	16.318	ng	# 73
50) Dimethylphthalate	13.76	163	14183	9.670	ng	# 99
51) 2,6-Dinitrotoluene	14.30	165	2046	6.130	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2046	4.511	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2789	5.919	ng	# 1

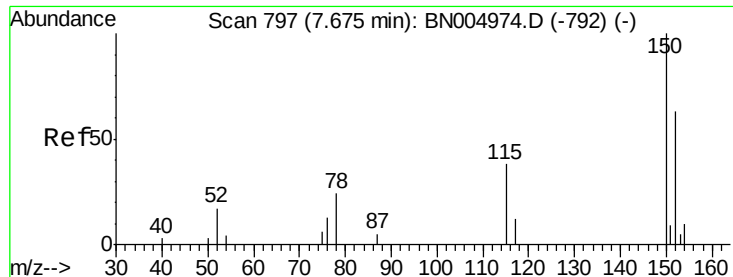
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005133.D
Acq On : 10 Apr 2019 18:18
Operator : JU/SJ
Sample : K2345-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 11 07:32:35 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



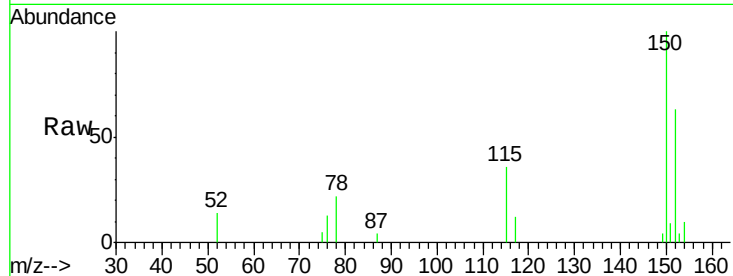


#1

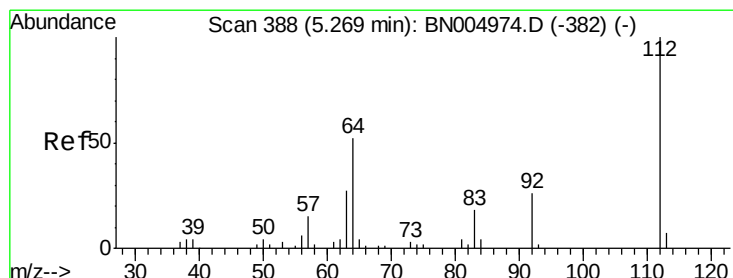
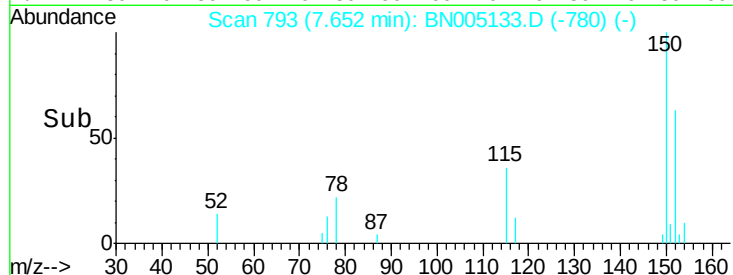
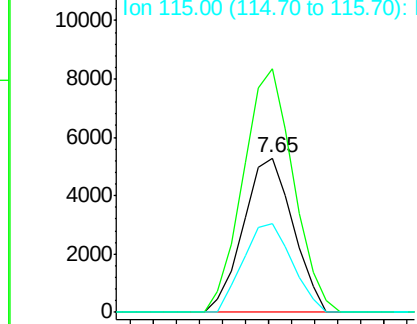
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7946
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 57.7 47.8 71.6



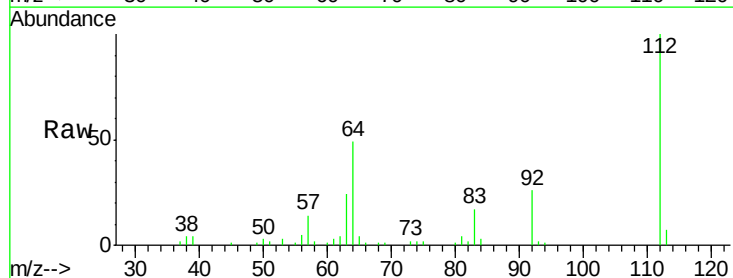
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



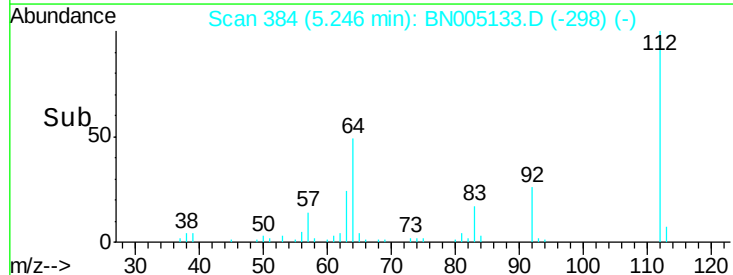
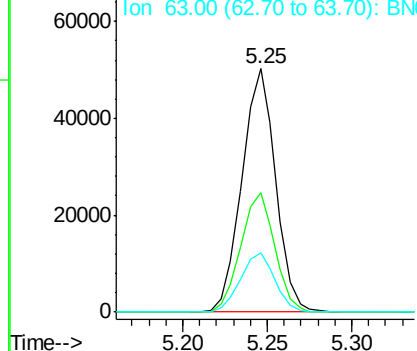
#5

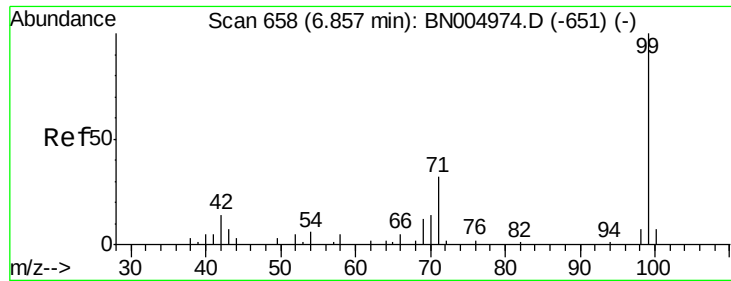
2-Fluorophenol
Concen: 151.660 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Tgt Ion:112 Resp: 69703
Ion Ratio Lower Upper
112 100
64 49.1 41.9 62.9
63 24.4 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: 148.447 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

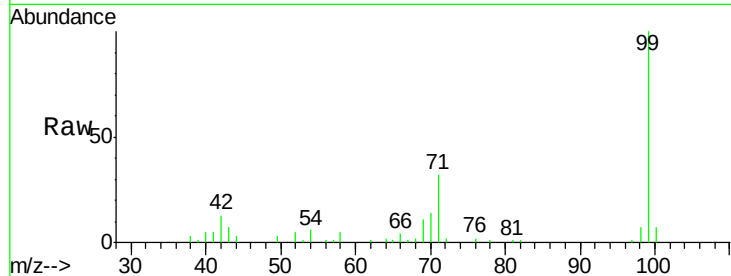
Tot Ion: 99 Resp: 90491

Ion Ratio Lower Upper

99 100

42 13.2 11.4 17.0

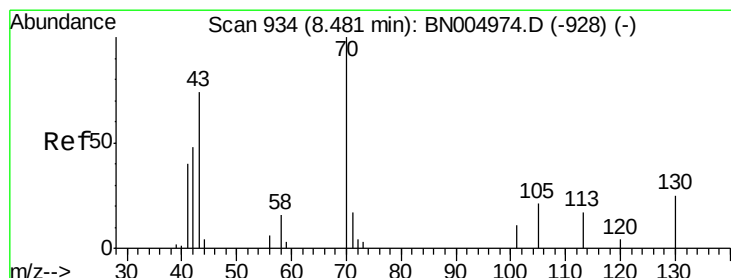
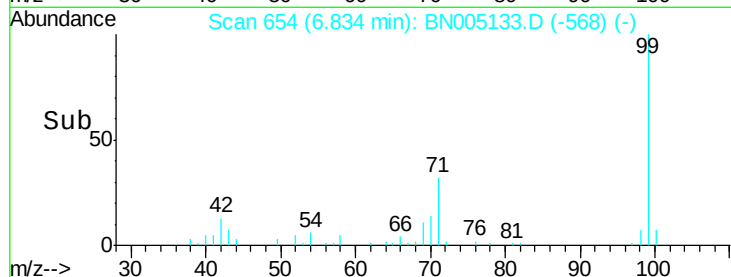
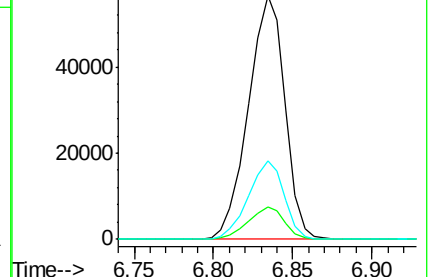
71 32.2 25.8 38.8



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: 16.318 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

Tgt Ion: 70 Resp: 6521

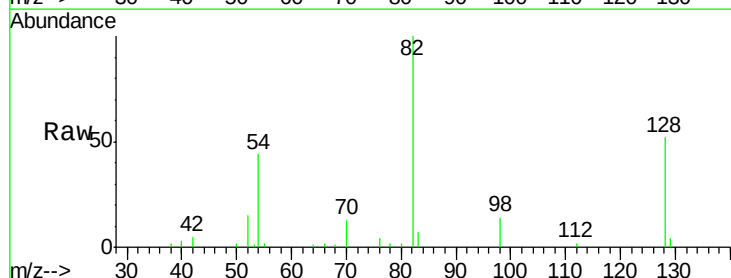
Ion Ratio Lower Upper

70 100

42 37.7 38.4 57.6#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

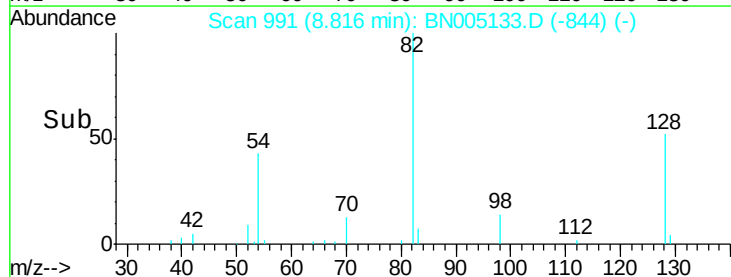
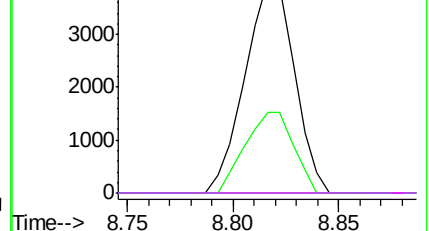


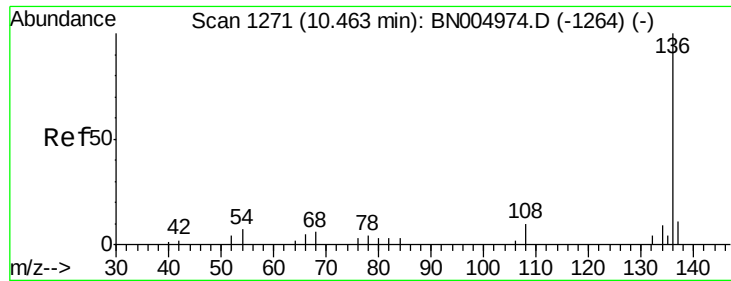
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

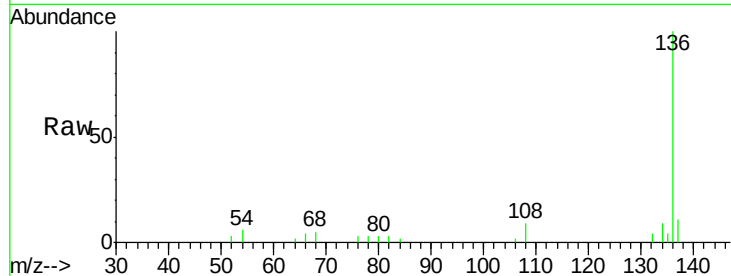




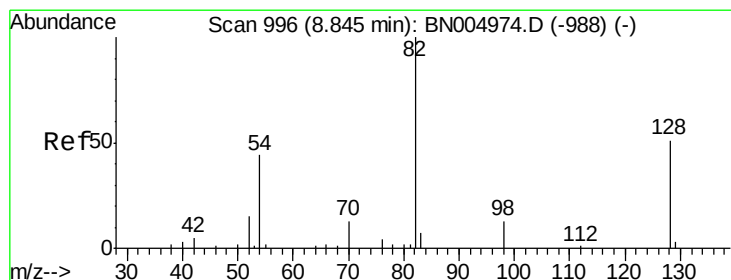
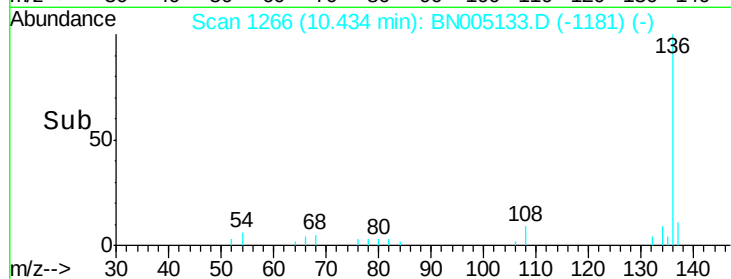
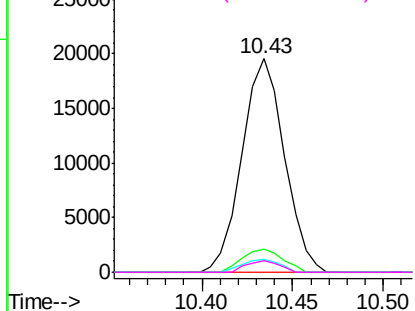
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	31806
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	6.1	5.3 7.9
68	5.2	4.6 6.8

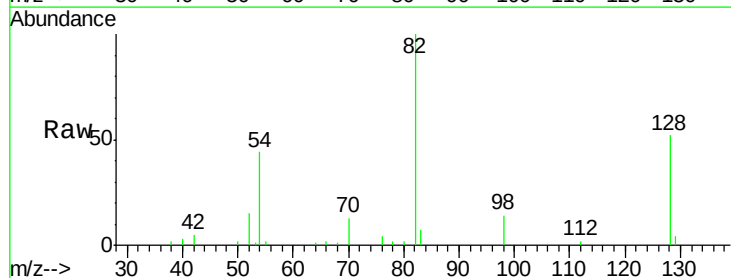


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

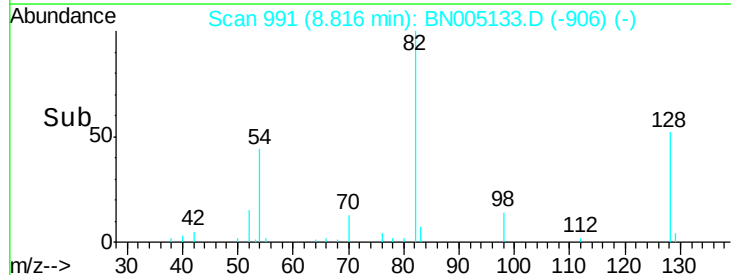
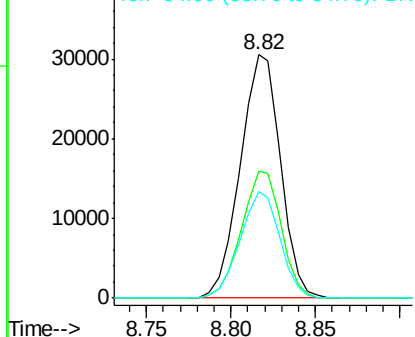


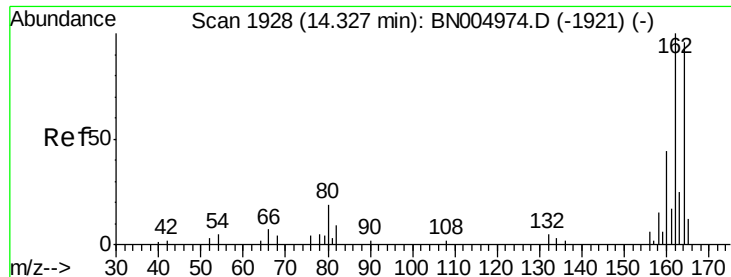
#23
Nitrobenzene-d5
Concen: 96.139 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Tgt Ion: 82	Resp:	50549
Ion	Ratio	Lower Upper
82	100	
128	52.1	40.6 60.8
54	43.9	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: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

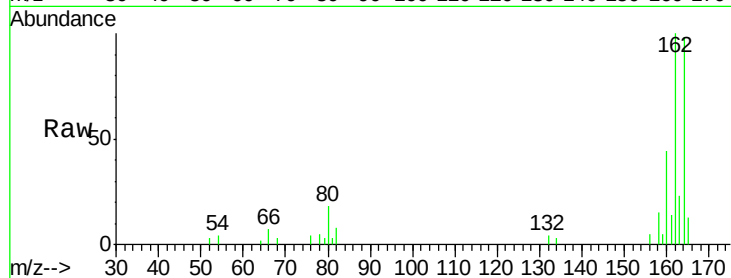
Tot Ion:164 Resp: 17853

Ion Ratio Lower Upper

164 100

162 102.5 83.4 125.0

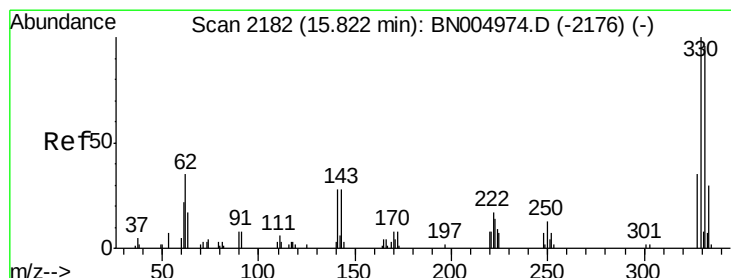
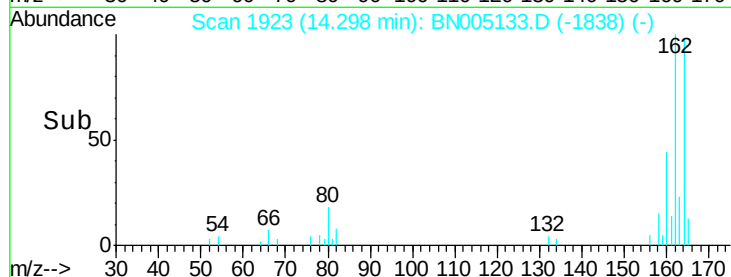
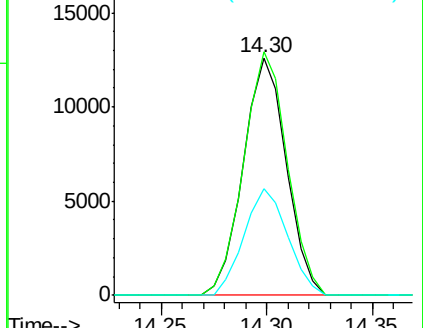
160 44.8 36.6 55.0



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: 167.885 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

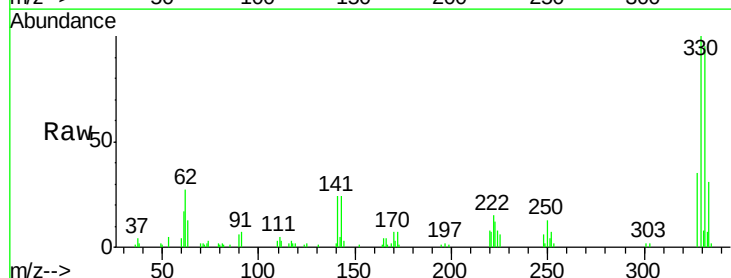
Tgt Ion:330 Resp: 48340

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

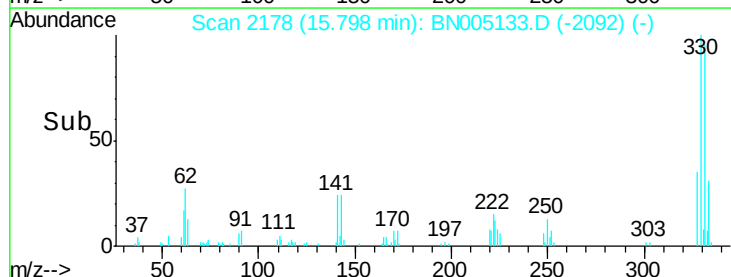
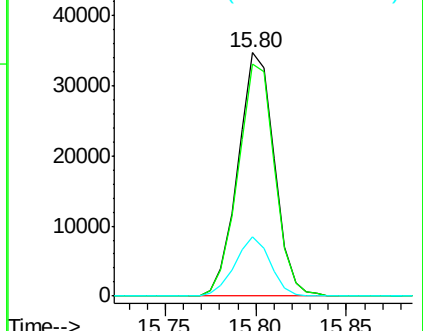
141 23.7 22.1 33.1

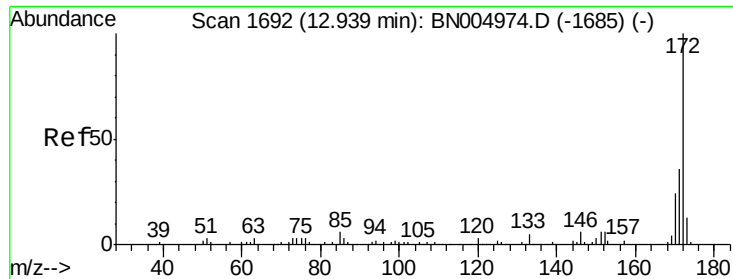


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

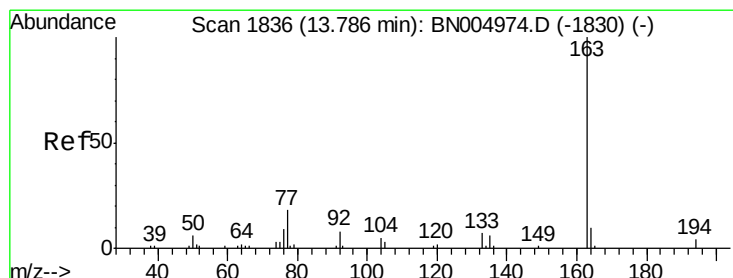
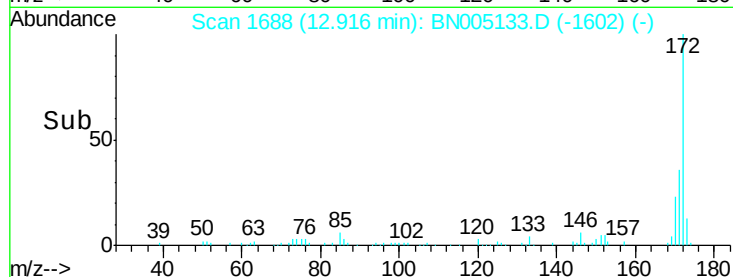
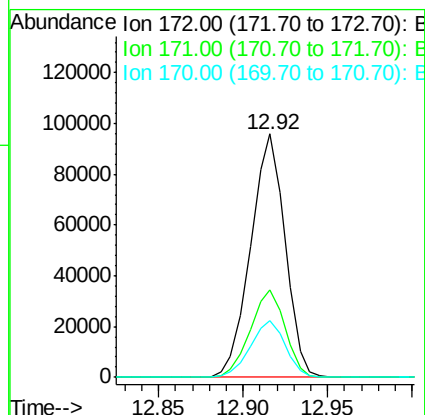
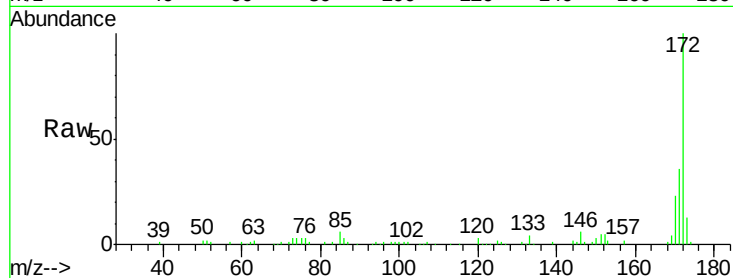




#45
2-Fluorobiphenyl
Concen: 101.058 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

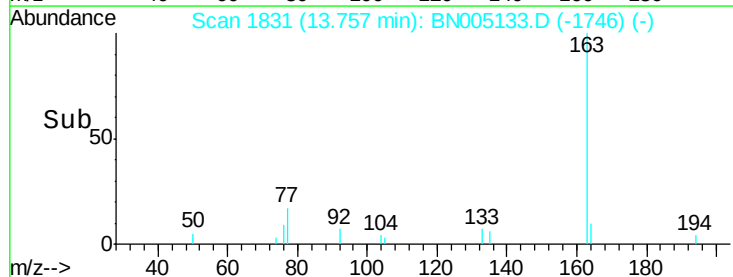
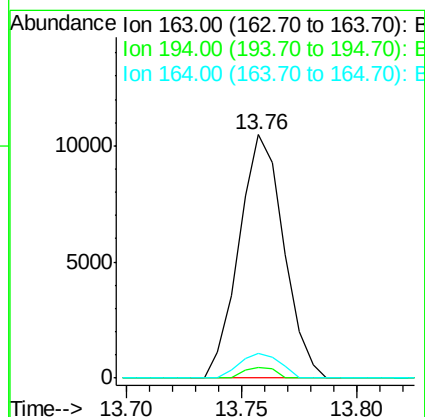
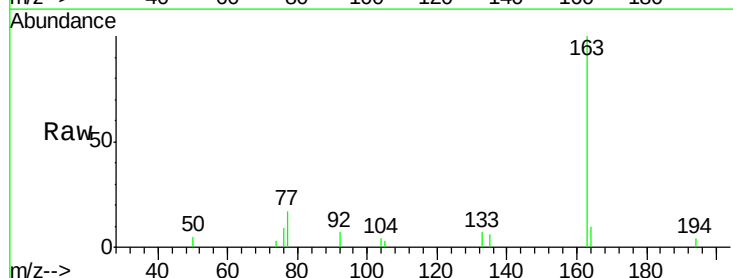
Instrument :
BNA_N
ClientSampleId :

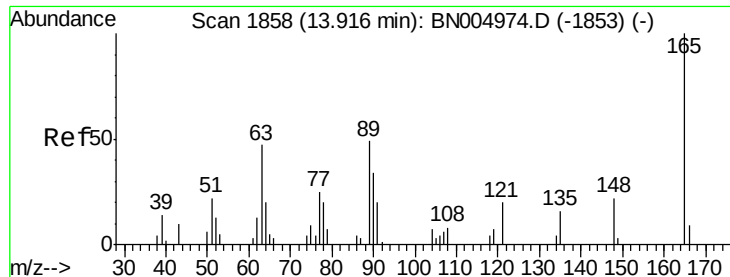
Tot Ion:172 Resp: 136152
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 9.670 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Tgt Ion:163 Resp: 14183
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.3 12.5

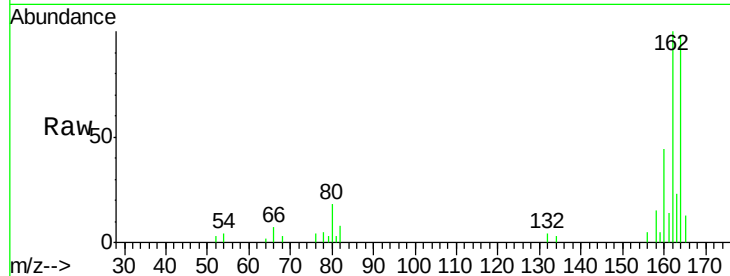




#51
 2,6-Dinitrotoluene
 Concen: 6.130 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

Instrument :
 BNA_N
 ClientSampleId :

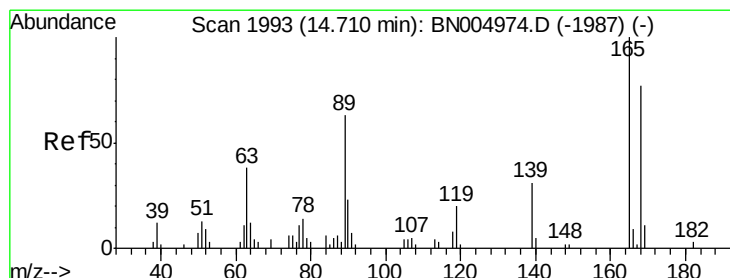
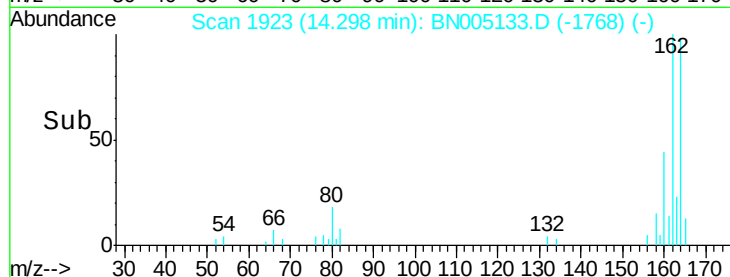
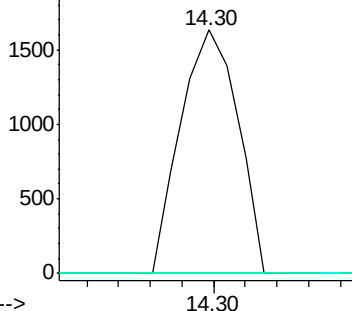
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



Abundance Ion 165.00 (164.70 to 165.70): E

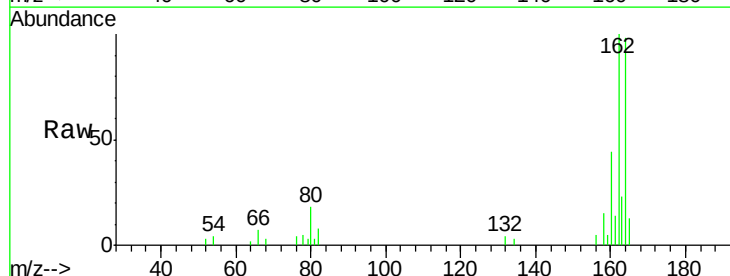
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#57
 2,4-Dinitrotoluene
 Concen: 4.511 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005133.D
 Acq: 10 Apr 2019 18:18

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#

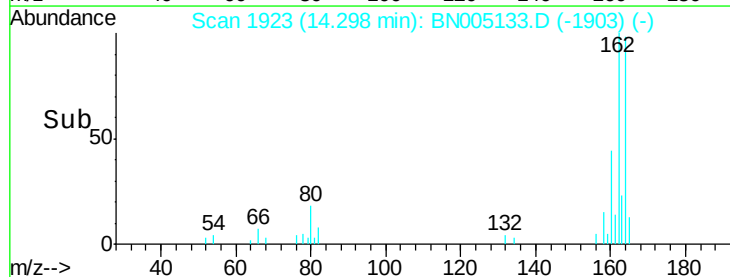
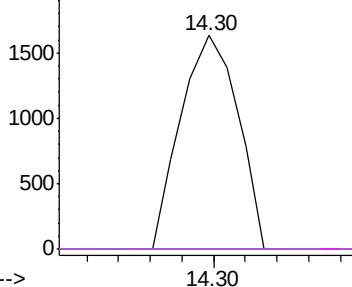


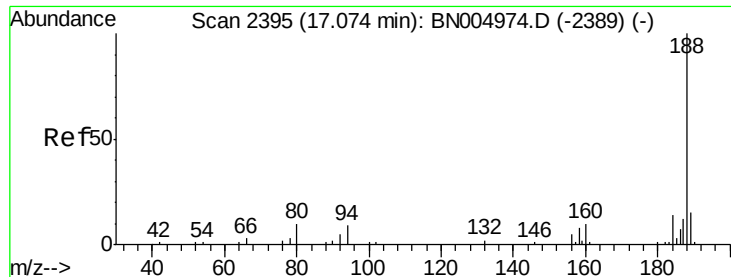
Abundance Ion 165.00 (164.70 to 165.70): E

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: BN005133.D

Acq: 10 Apr 2019 18:18

Instrument :

BNA_N

ClientSampleId :

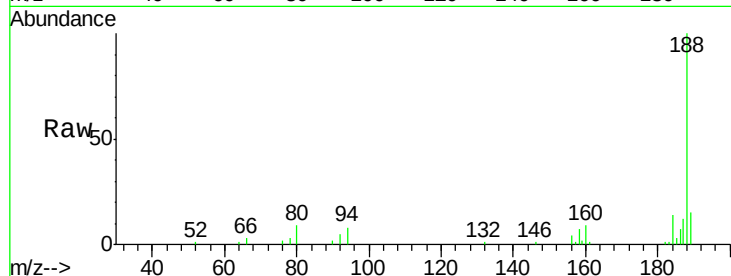
Tot Ion:188 Resp: 37762

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

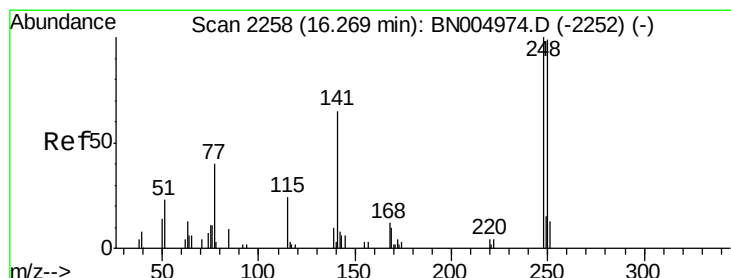
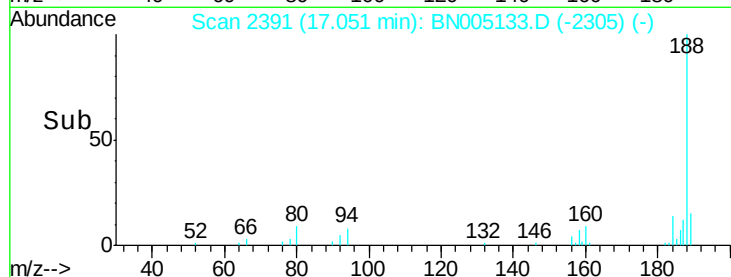
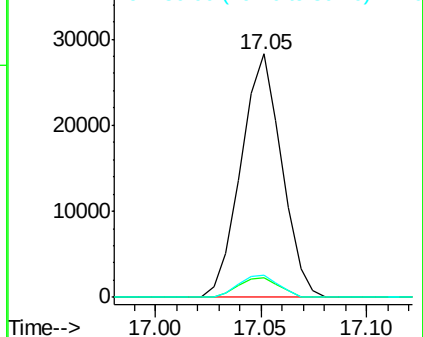
80 8.9 7.8 11.6



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: 5.919 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005133.D

Acq: 10 Apr 2019 18:18

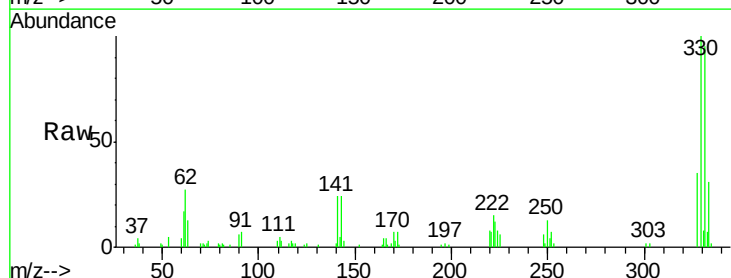
Tgt Ion:248 Resp: 2789

Ion Ratio Lower Upper

248 100

250 201.2 79.4 119.2#

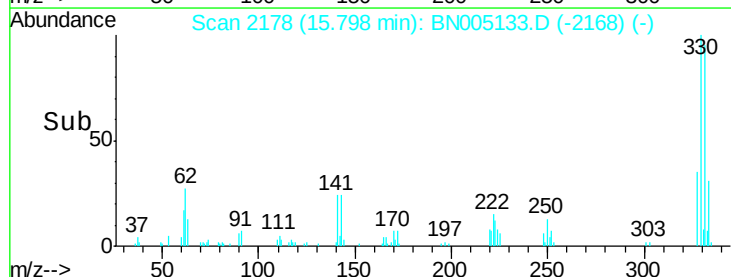
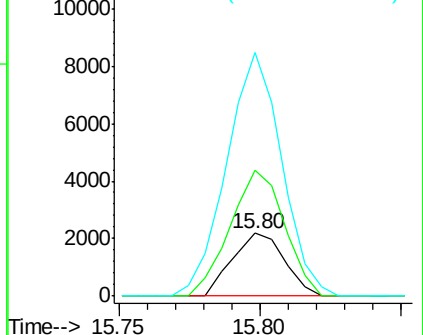
141 389.5 52.3 78.5#

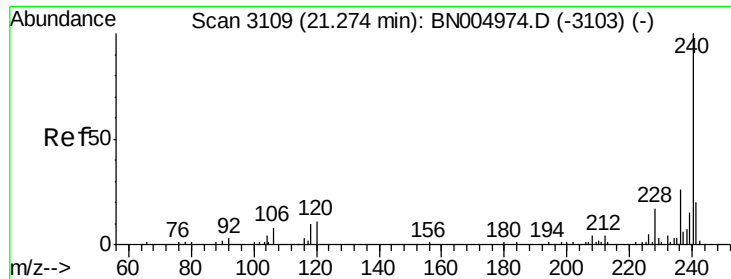


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

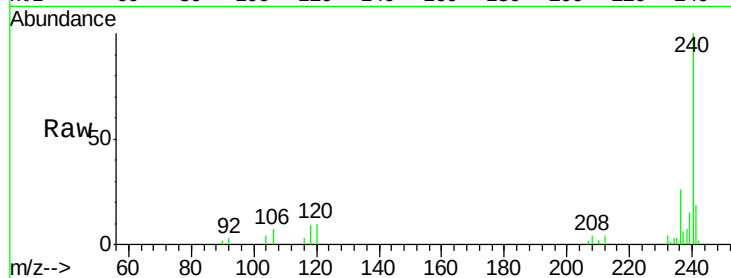




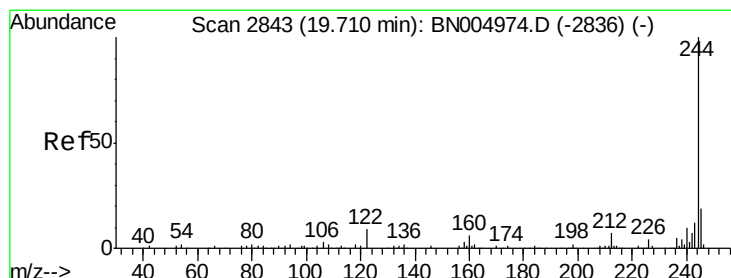
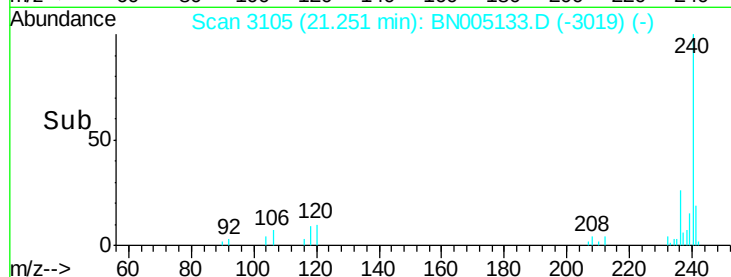
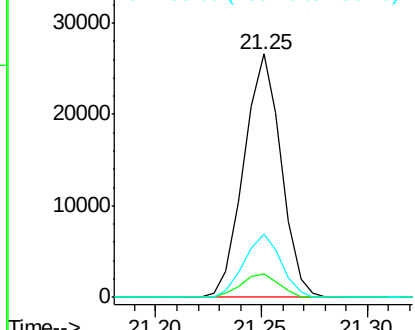
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 32557
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 26.0 21.2 31.8

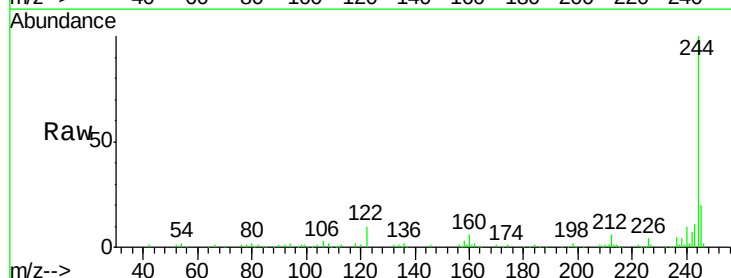


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

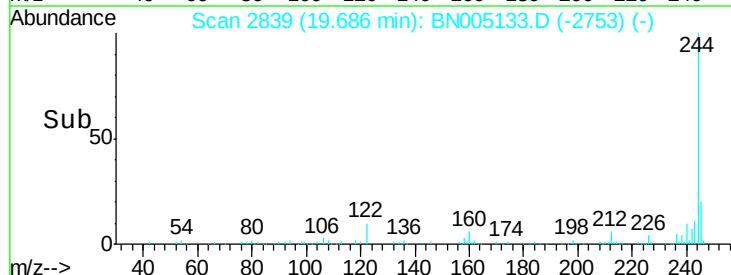
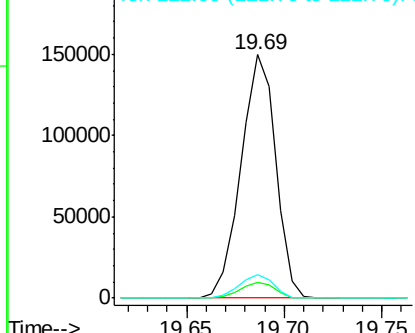


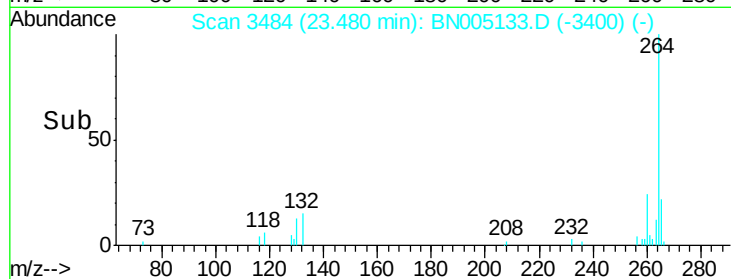
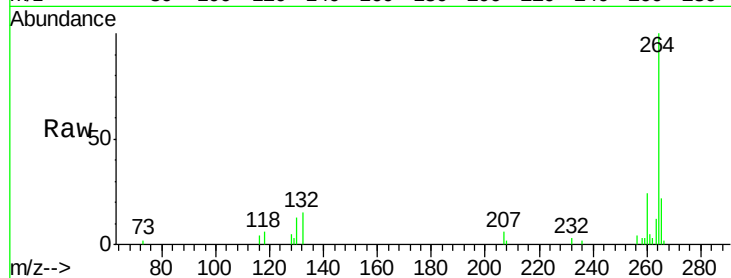
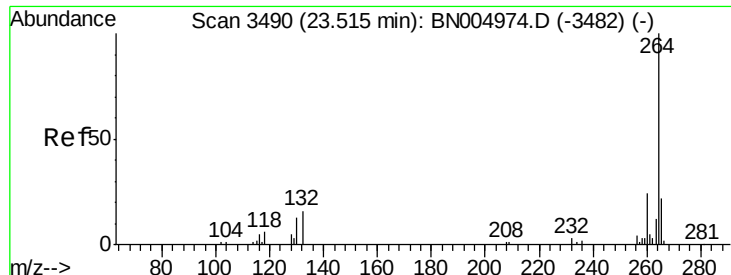
#79
Terphenyl-d14
Concen: 109.368 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Tgt Ion:244 Resp: 184947
Ion Ratio Lower Upper
244 100
212 6.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BN005133.D
Acq: 10 Apr 2019 18:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.3	17.2	25.8

