

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005088.D
 Acq On : 04 Apr 2019 11:03
 Operator : JU/SJ
 Sample : K2224-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 04 15:03:46 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

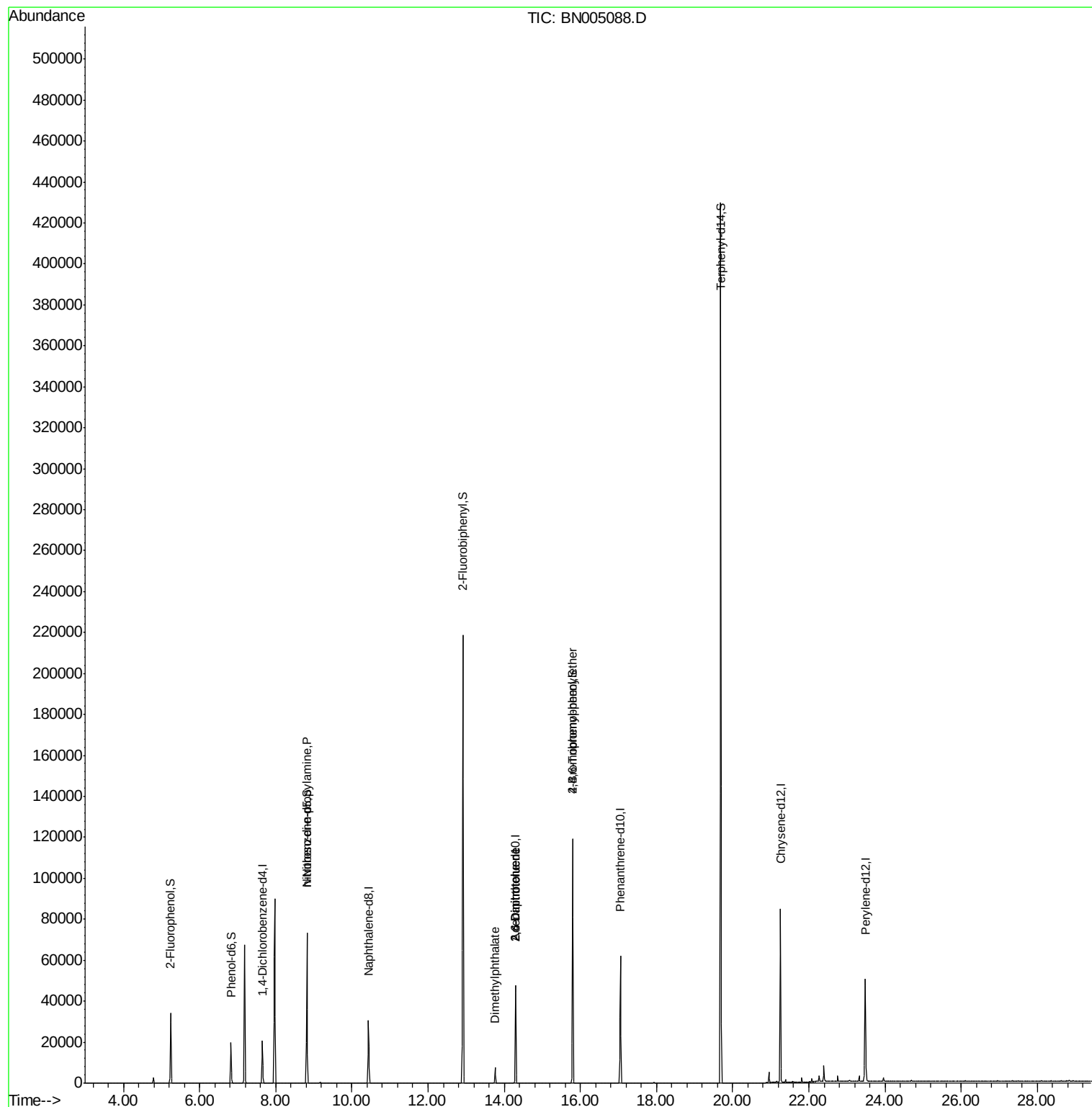
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6889	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	28421	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	17381	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	40864	20.00	ng	0.00
76) Chrysene-d12	21.25	240	43508	20.00	ng	0.00
87) Perylene-d12	23.48	264	41383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	16814	42.20	ng	0.00
7) Phenol-d6	6.82	99	13342	25.25	ng	0.00
23) Nitrobenzene-d5	8.82	82	43520	92.63	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	27564	98.33	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	120343	91.75	ng	0.00
79) Terphenyl-d14	19.69	244	209825	92.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	5470	15.788	ng	# 74
50) Dimethylphthalate	13.76	163	6962	4.875	ng	# 96
51) 2,6-Dinitrotoluene	14.30	165	2125	6.540	ng	# 32
57) 2,4-Dinitrotoluene	14.30	165	2125	4.812	ng	# 28
67) 4-Bromophenyl-phenylether	15.80	248	1519	2.979	ng	# 1

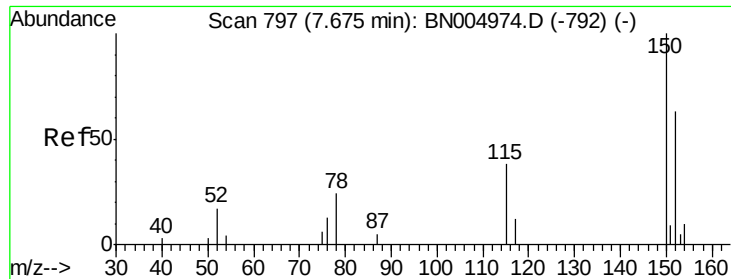
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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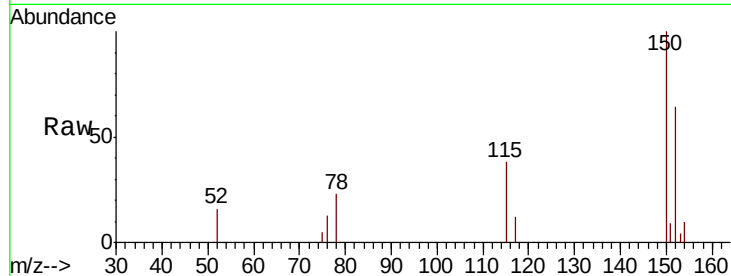


#1

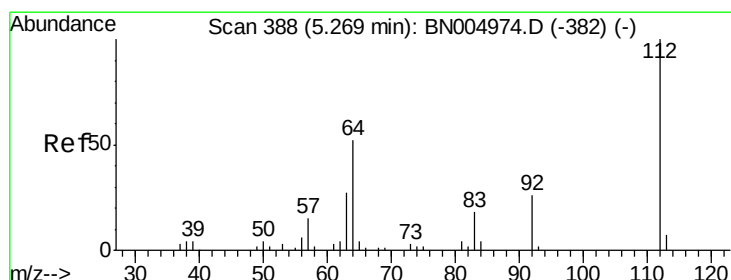
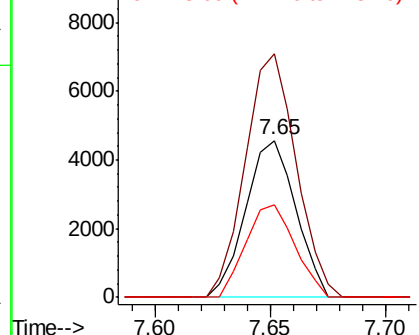
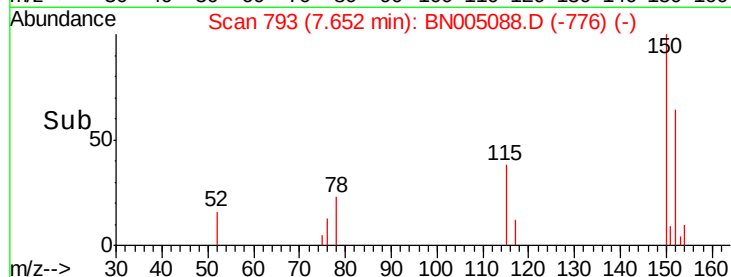
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6889
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 58.9 47.9 71.9



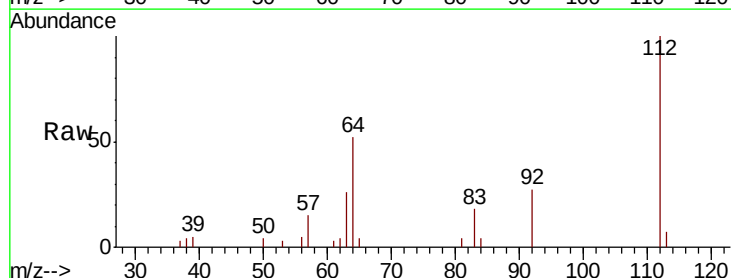
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



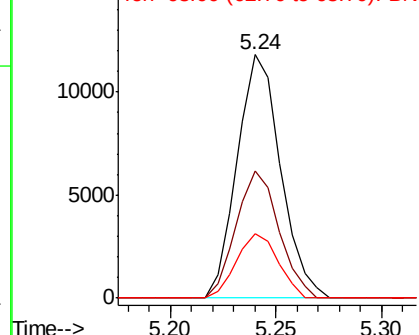
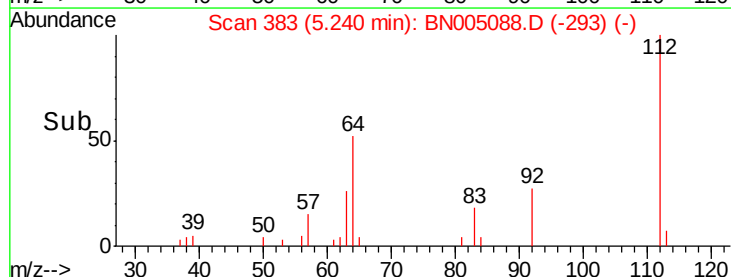
#5

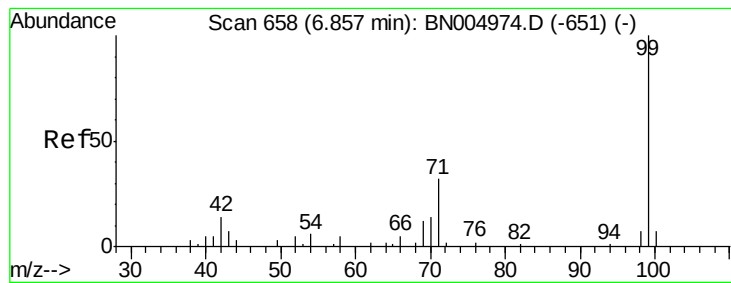
2-Fluorophenol
Concen: 42.197 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Tgt Ion:112 Resp: 16814
Ion Ratio Lower Upper
112 100
64 52.0 41.2 61.8
63 26.2 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: 25.245 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005088.D

Acq: 04 Apr 2019 11:03

Instrument :

BNA_N

ClientSampled :

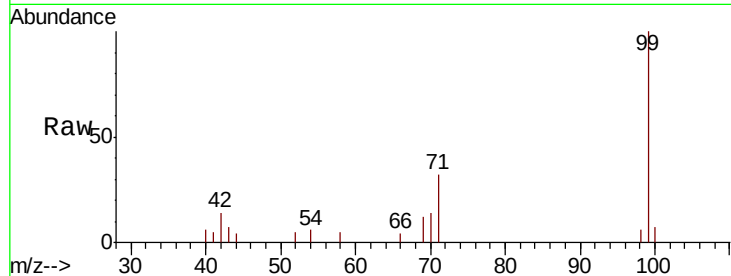
Tot Ion: 99 Resp: 13342

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

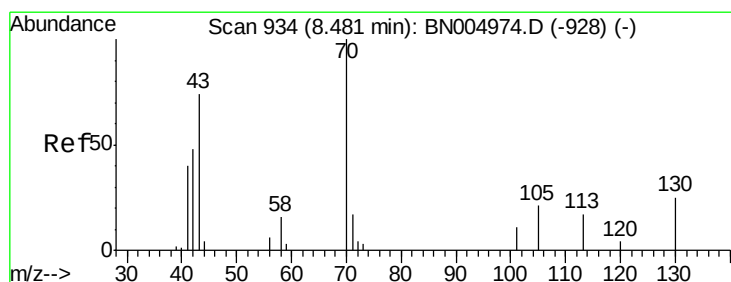
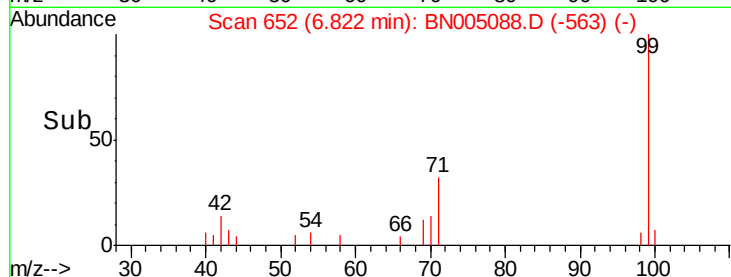
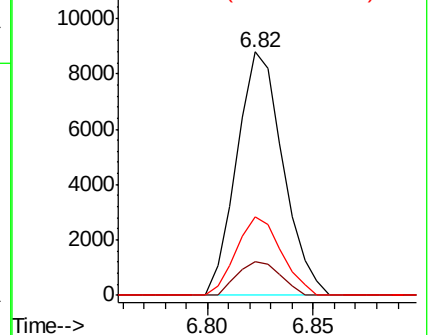
71 32.2 25.8 38.8



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: 15.788 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.36 min

Lab File: BN005088.D

Acq: 04 Apr 2019 11:03

Tgt Ion: 70 Resp: 5470

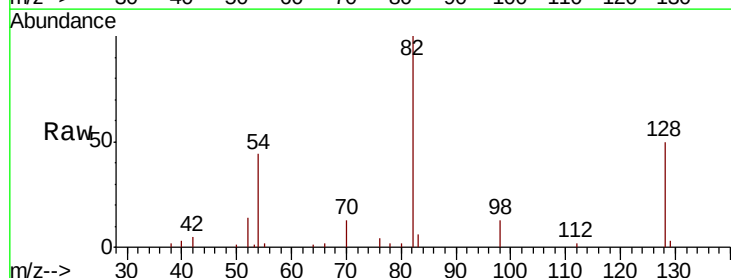
Ion Ratio Lower Upper

70 100

42 38.4 36.7 55.1

101 0.0 8.7 13.1#

130 0.0 20.2 30.2#

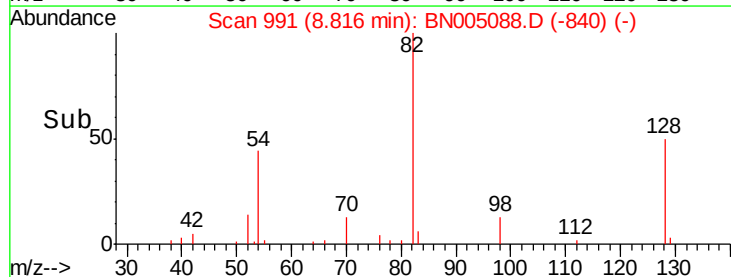
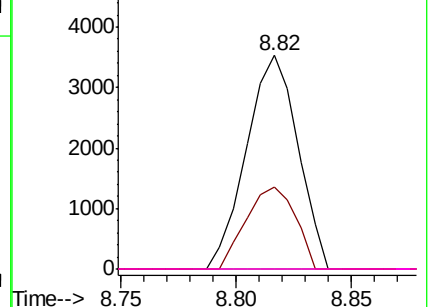


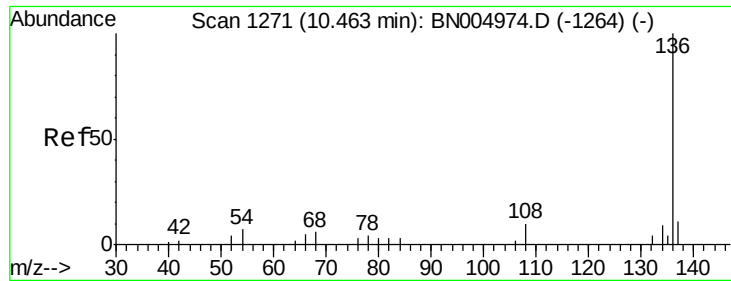
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

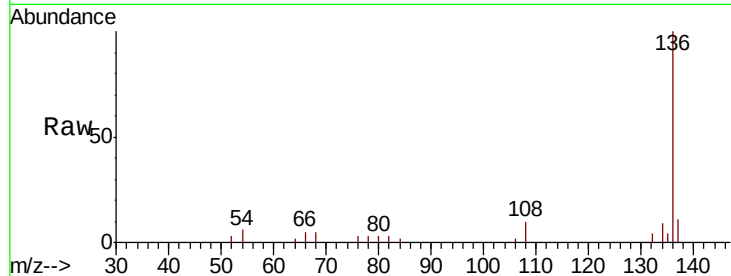




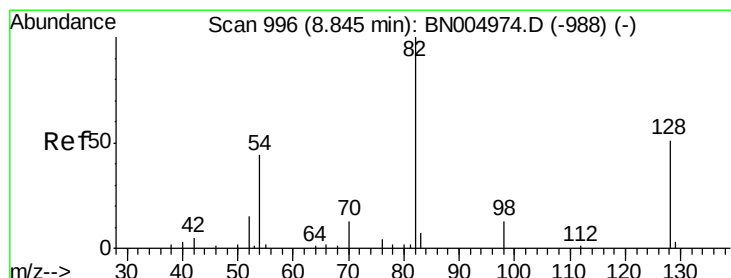
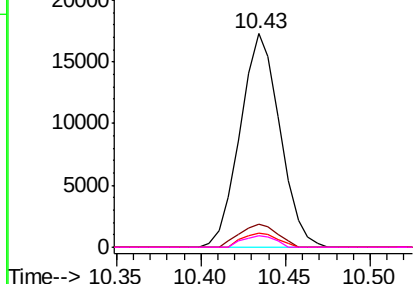
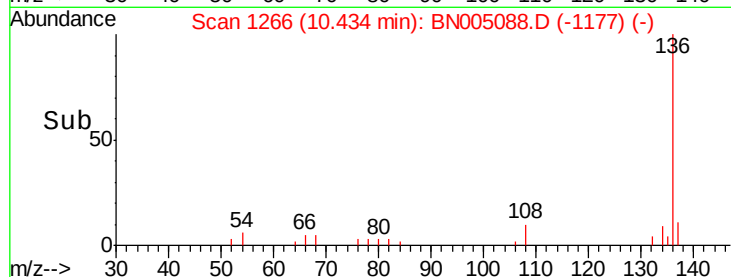
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp:	28421
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 12.8
54	6.3	5.0 7.4
68	5.3	4.2 6.4

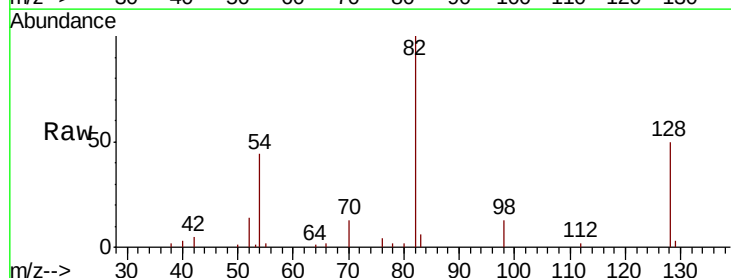


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

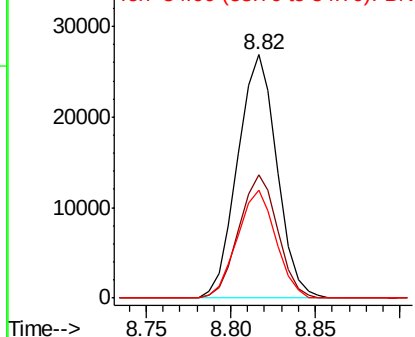
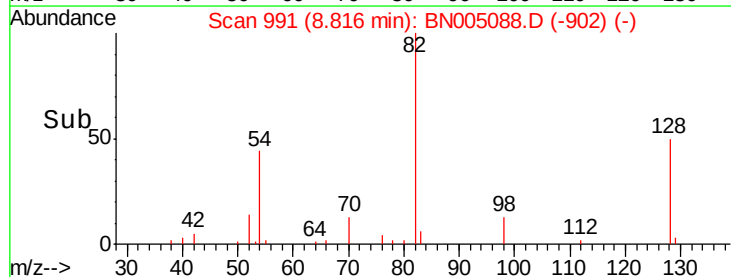


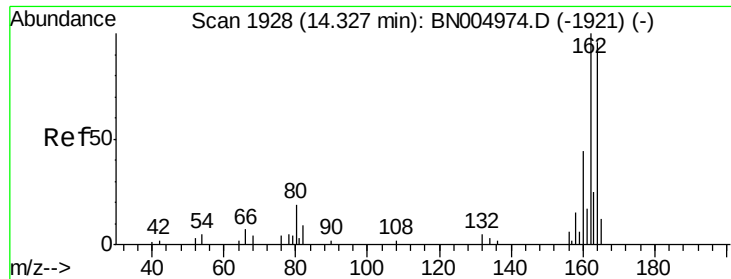
#23
Nitrobenzene-d5
Concen: 92.628 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Tgt Ion: 82	Resp:	43520
Ion Ratio	Lower	Upper
82	100	
128	50.5	40.6 60.8
54	44.1	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

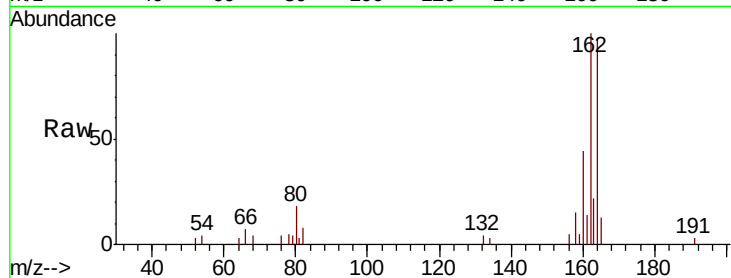




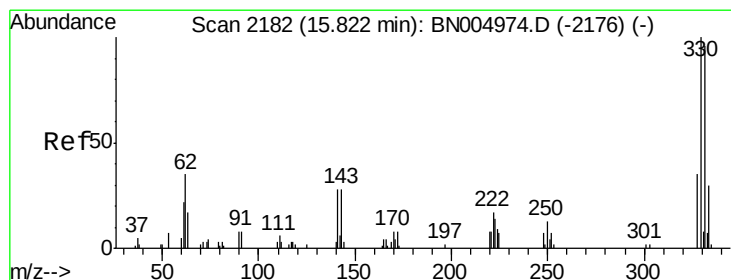
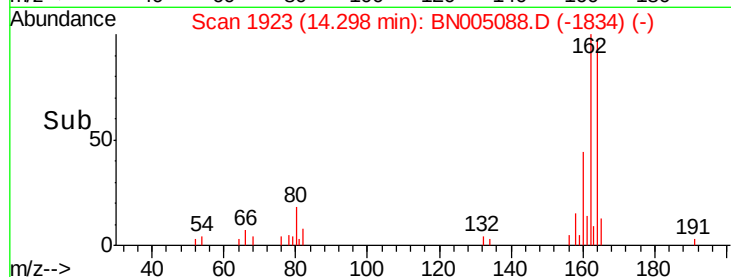
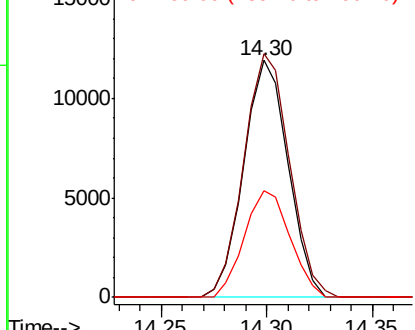
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 17381
Ion Ratio Lower Upper
164 100
162 102.9 83.8 125.6
160 44.8 36.0 54.0

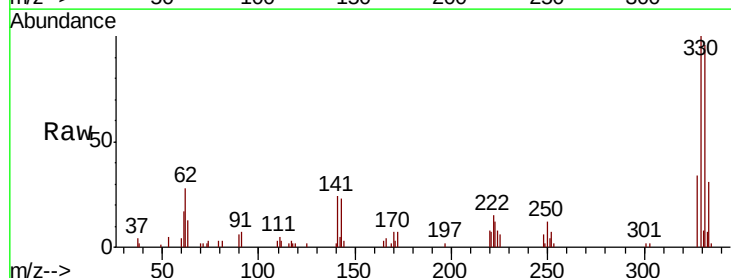


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

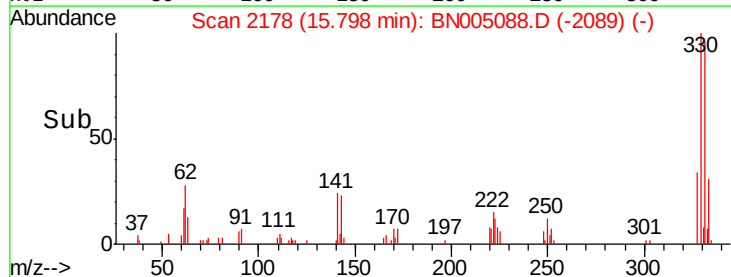
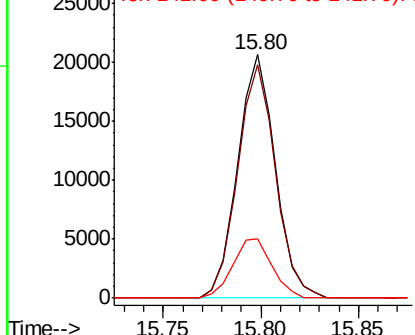


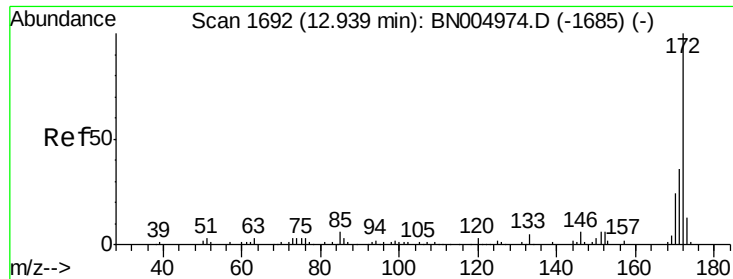
#42
2,4,6-Tribromophenol
Concen: 98.329 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Tgt Ion:330 Resp: 27564
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 25.3 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

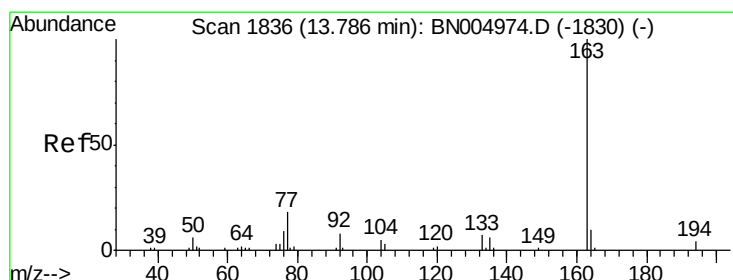
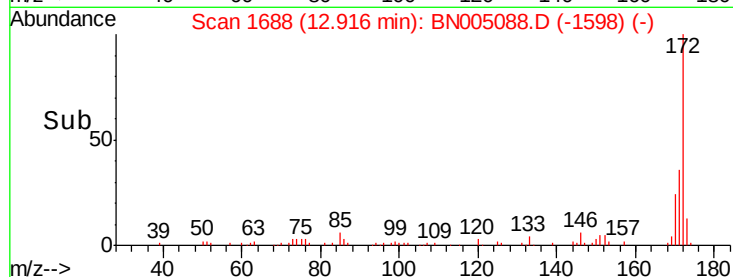
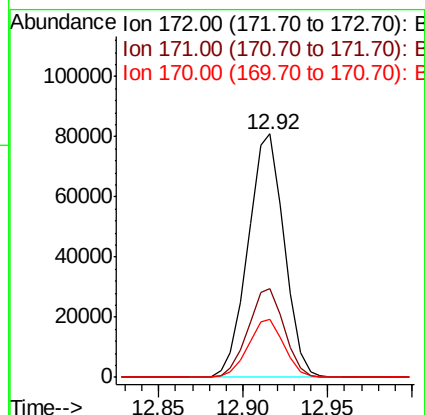
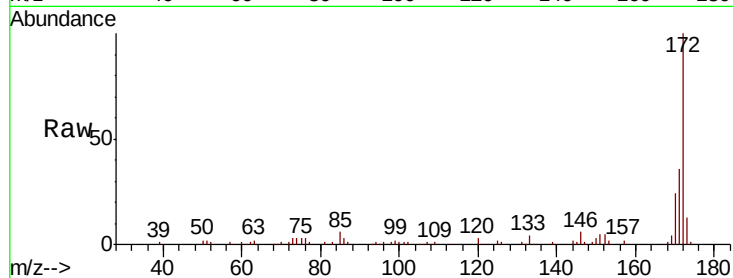




#45
 2-Fluorobiphenyl
 Concen: 91.749 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BN005088.D
 Acq: 04 Apr 2019 11:03

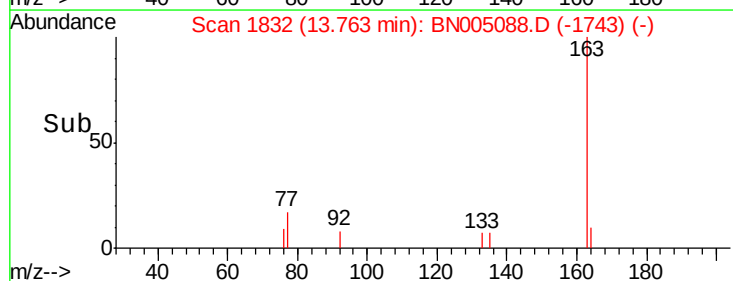
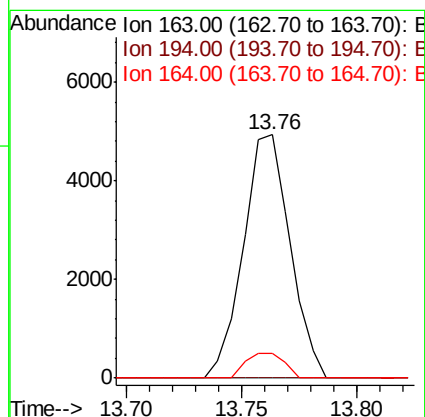
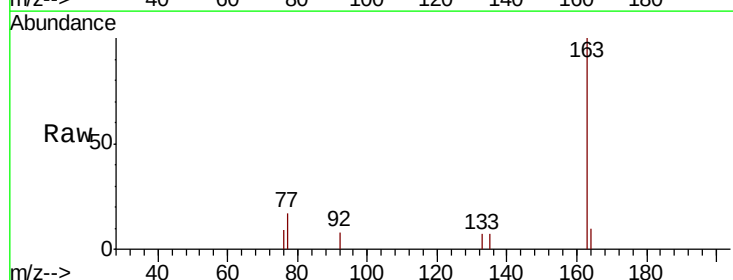
Instrument :
 BNA_N
 ClientSampleId :

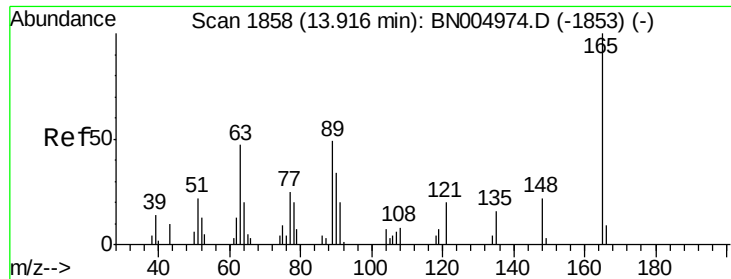
Tot Ion:172 Resp: 120343
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.7 43.1
 170 23.7 18.8 28.2



#50
 Dimethylphthalate
 Concen: 4.875 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BN005088.D
 Acq: 04 Apr 2019 11:03

Tgt Ion:163 Resp: 6962
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.6 5.4#
 164 10.2 8.1 12.1

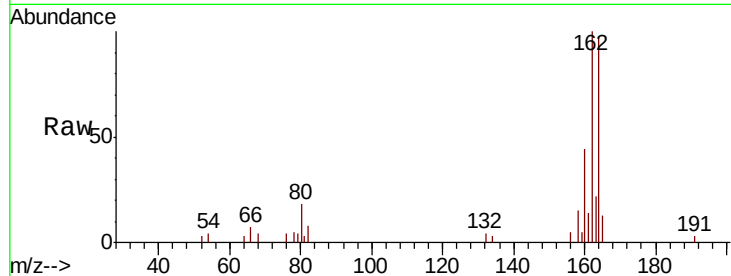




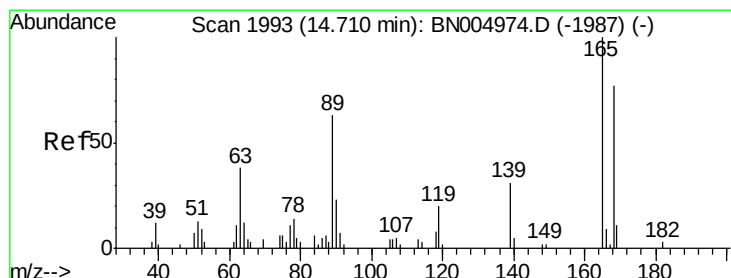
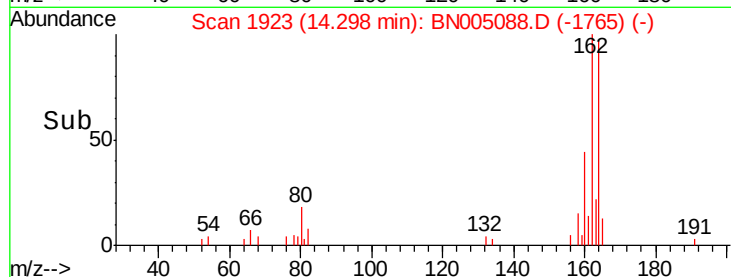
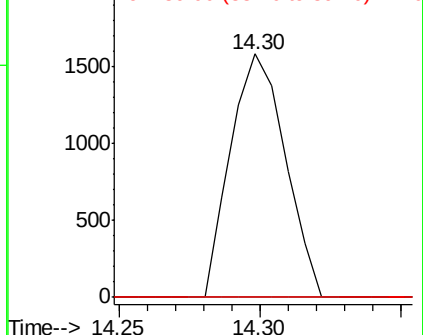
#51
 2,6-Dinitrotoluene
 Concen: 6.540 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.40 min
 Lab File: BN005088.D
 Acq: 04 Apr 2019 11:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.2	51.4#
89	0.0	36.9	55.3#



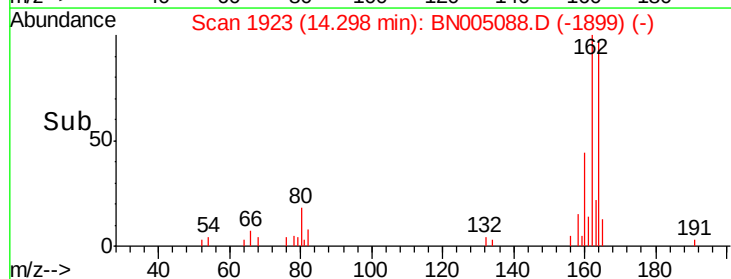
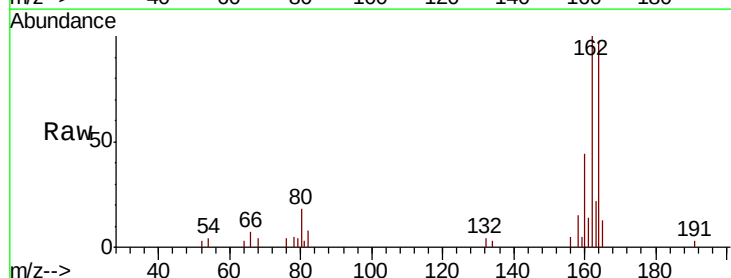
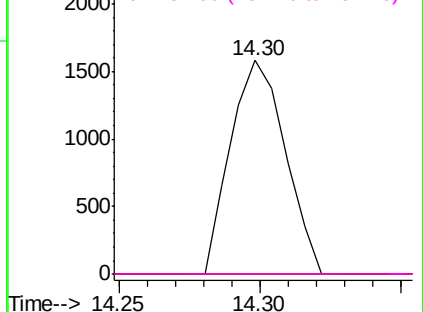
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

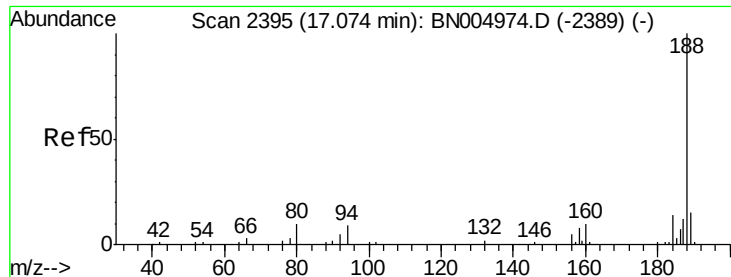


#57
 2,4-Dinitrotoluene
 Concen: 4.812 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.39 min
 Lab File: BN005088.D
 Acq: 04 Apr 2019 11:03

Tgt 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#

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. -0.01 min

Lab File: BN005088.D

Acq: 04 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

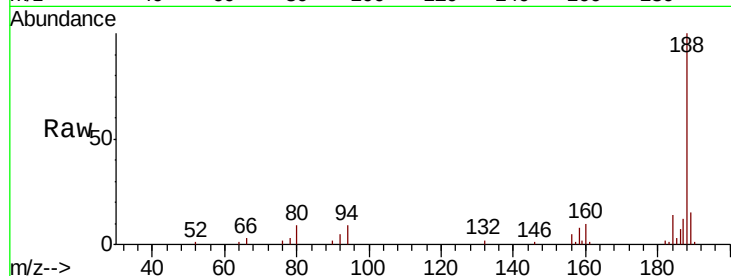
Tot Ion:188 Resp: 40864

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

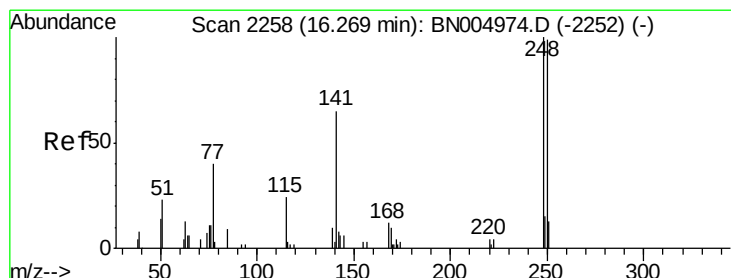
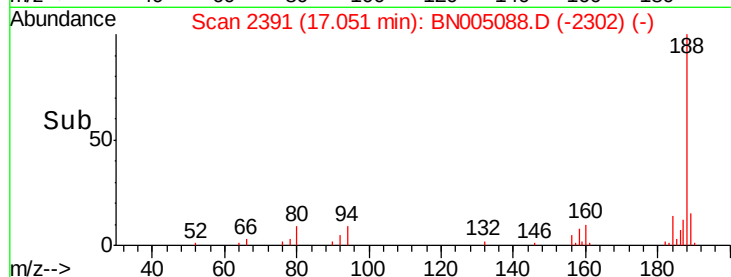
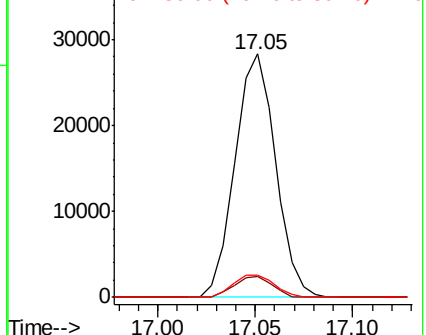
80 9.2 7.1 10.7



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: 2.979 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.45 min

Lab File: BN005088.D

Acq: 04 Apr 2019 11:03

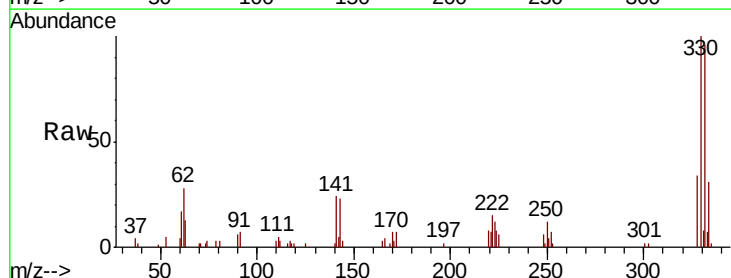
Tgt Ion:248 Resp: 1519

Ion Ratio Lower Upper

248 100

250 207.0 80.2 120.2#

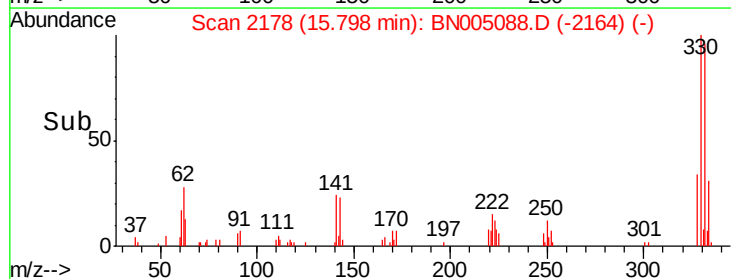
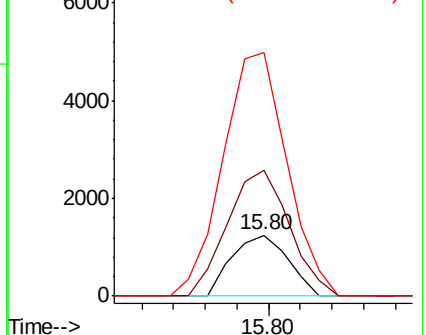
141 399.8 54.6 82.0#

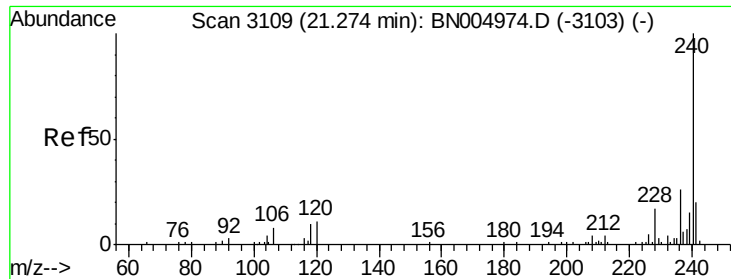


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

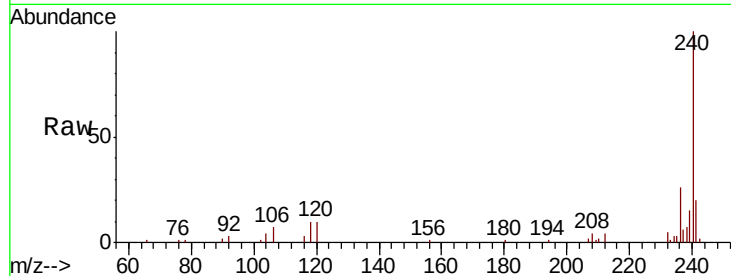




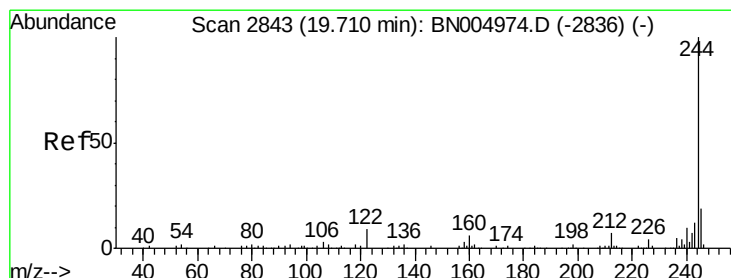
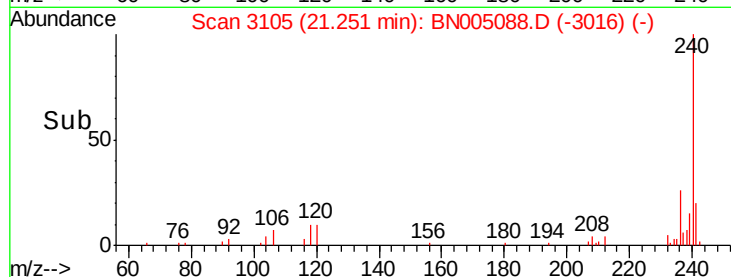
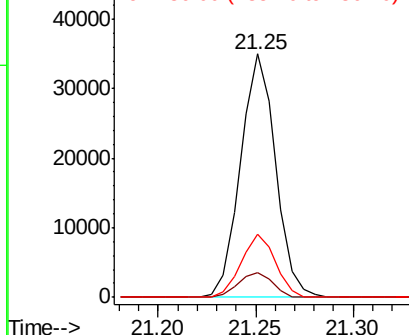
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 43508
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.9 20.4 30.6

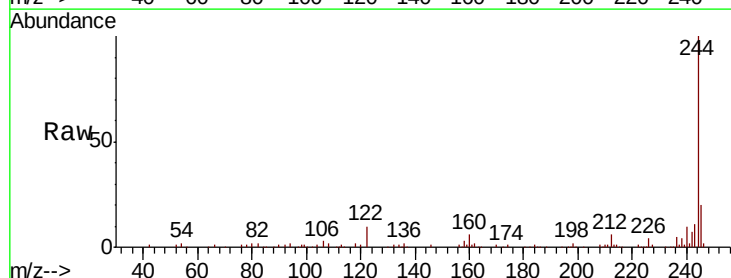


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

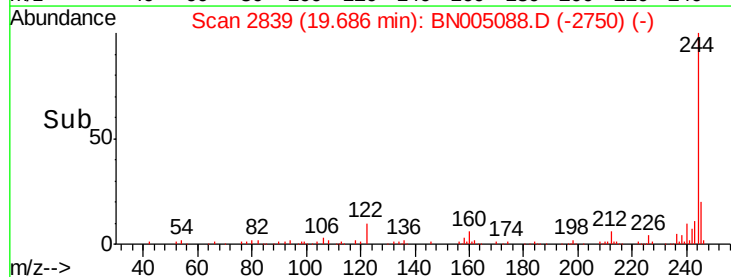
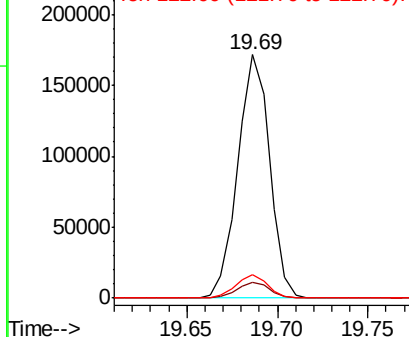


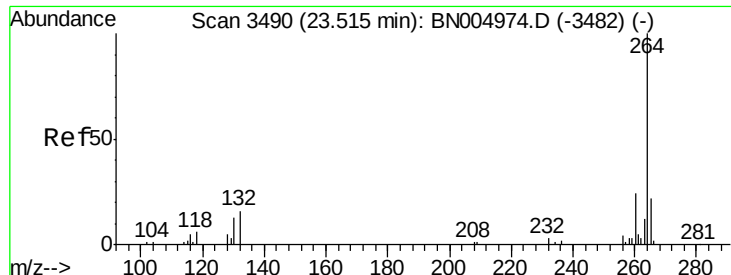
#79
Terphenyl-d14
Concen: 92.848 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BN005088.D
Acq: 04 Apr 2019 11:03

Tgt Ion:244 Resp: 209825
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 9.7 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.01 min
 Lab File: BN005088.D
 Acq: 04 Apr 2019 11:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.6	17.4	26.2

