

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\
 Data File : BN005122.D
 Acq On : 09 Apr 2019 20:49
 Operator : JU/SJ
 Sample : K2316-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 02:14:50 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

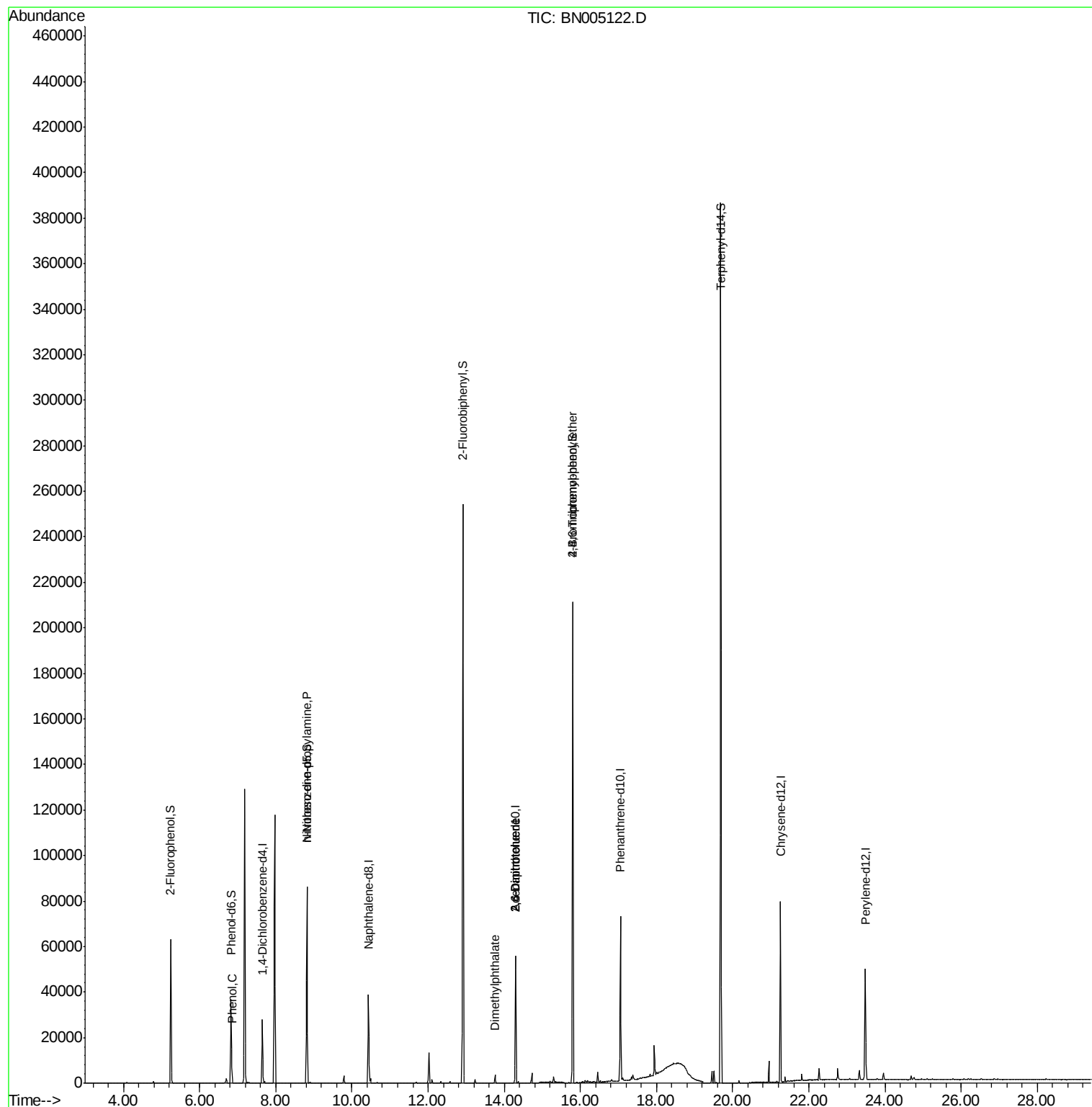
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8824	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	35906	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20251	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	42906	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	38696	20.00	ng	-0.02
87) Perylene-d12	23.48	264	38438	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	30362	59.49	ng	-0.03
7) Phenol-d6	6.83	99	23630	34.91	ng	-0.03
23) Nitrobenzene-d5	8.82	82	51446	86.67	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	48664	149.00	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	139714	91.42	ng	-0.02
79) Terphenyl-d14	19.69	244	199999	99.51	ng	-0.02
Target Compounds						
10) Phenol	6.85	94	2091	2.883	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	6746	15.201	ng	# 73
50) Dimethylphthalate	13.76	163	3817	2.294	ng	# 96
51) 2,6-Dinitrotoluene	14.30	165	2578	6.810	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2578	5.011	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2908	5.431	ng	# 1

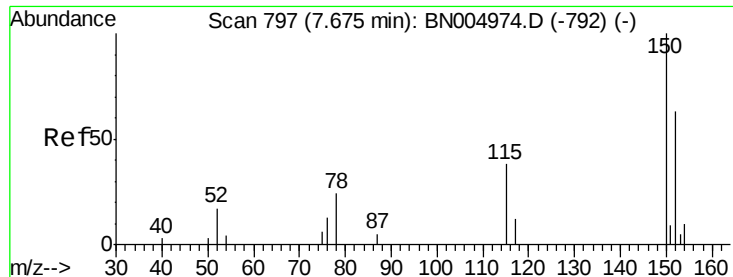
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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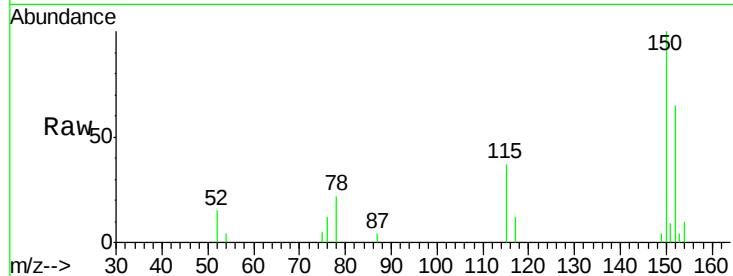


#1

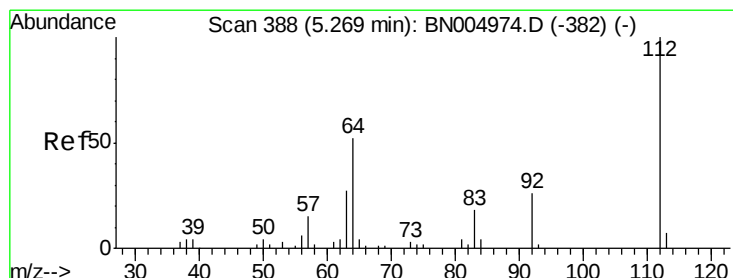
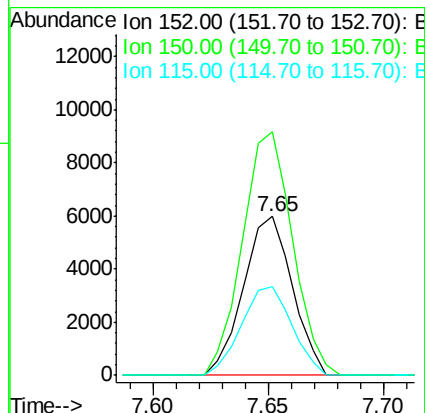
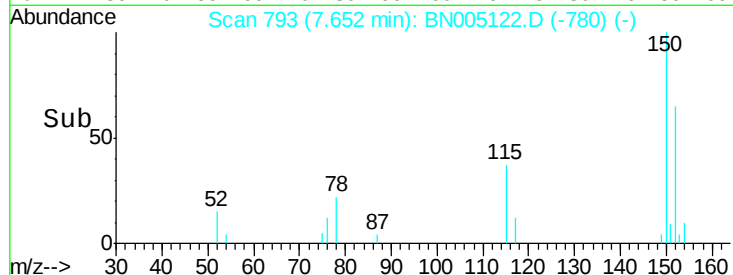
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8824
Ion Ratio Lower Upper
152 100
150 153.0 126.9 190.3
115 56.2 47.8 71.6



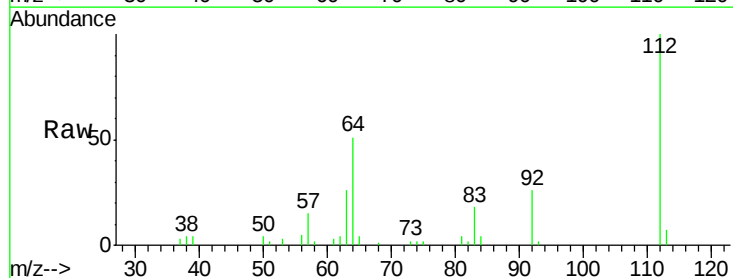
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



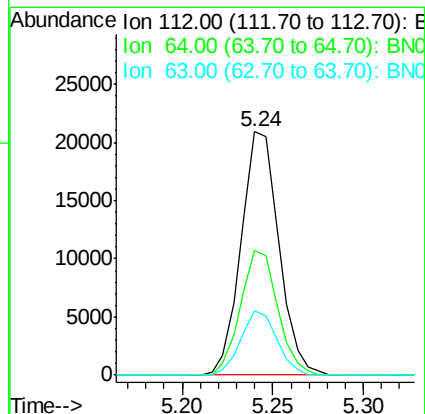
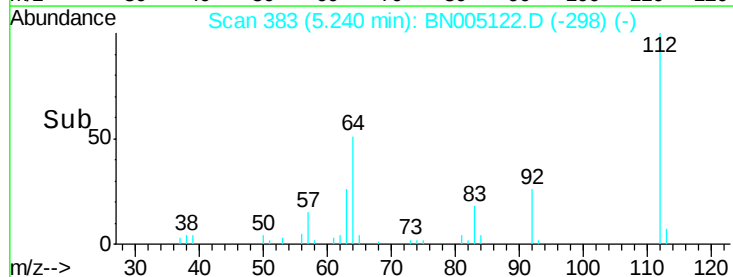
#5

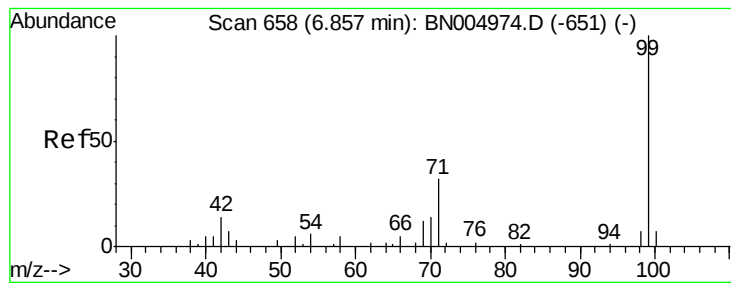
2-Fluorophenol
Concen: 59.489 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Tgt Ion:112 Resp: 30362
Ion Ratio Lower Upper
112 100
64 51.1 41.9 62.9
63 26.2 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: 34.907 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

Instrument :

BNA_N

ClientSampleId :

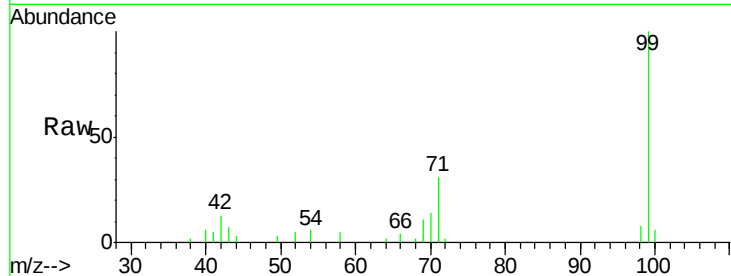
Tot Ion: 99 Resp: 23630

Ion Ratio Lower Upper

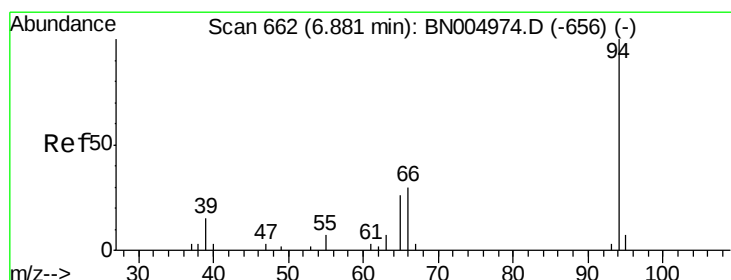
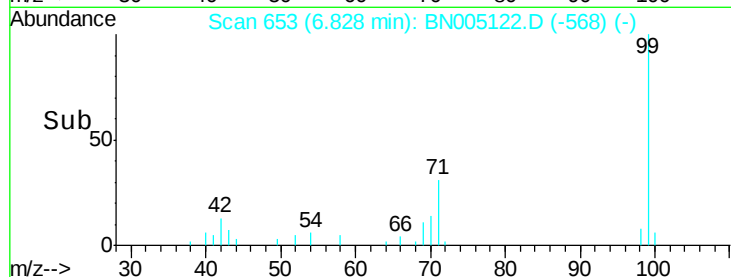
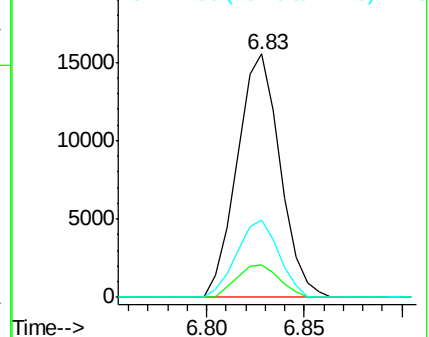
99 100

42 13.3 11.4 17.0

71 31.5 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



#10

Phenol

Concen: 2.883 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.03 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

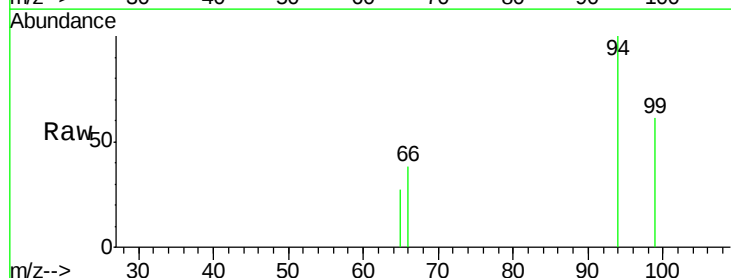
Tgt Ion: 94 Resp: 2091

Ion Ratio Lower Upper

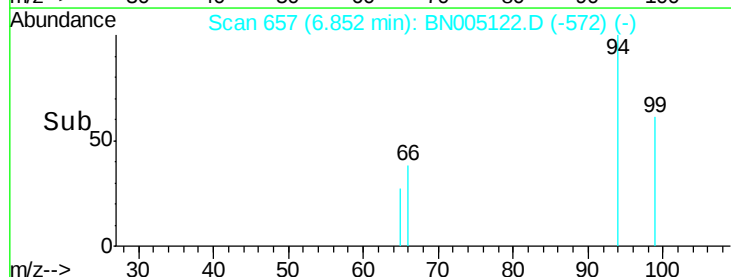
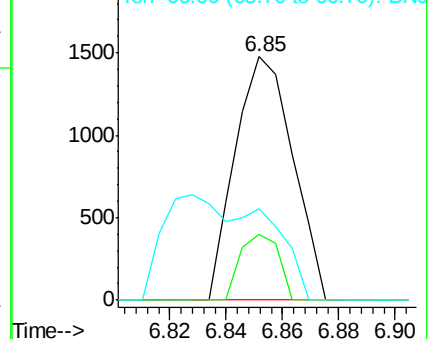
94 100

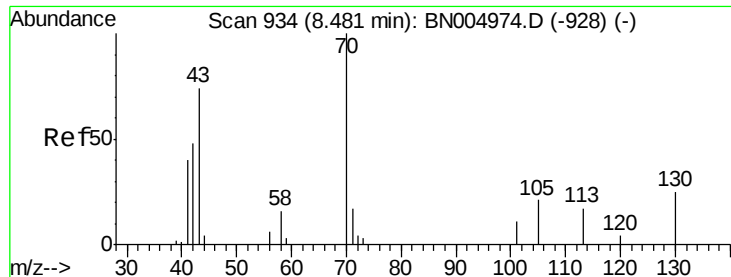
65 27.1 5.7 45.7

66 37.5 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

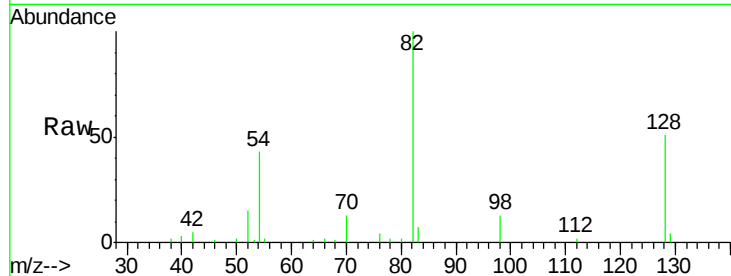




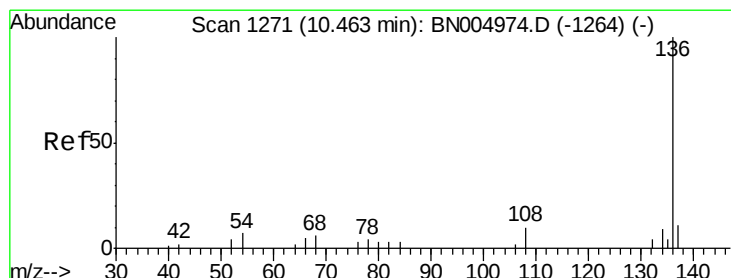
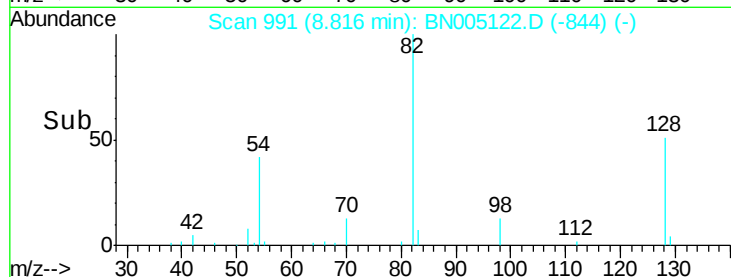
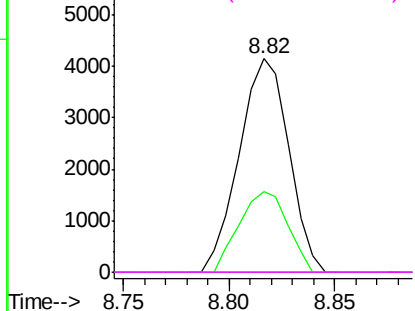
#19
n-Nitroso-di-n-propylamine
Concen: 15.201 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.34 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 6746
Ion Ratio Lower Upper
70 100
42 37.6 38.4 57.6#
101 0.0 8.8 13.2#
130 0.0 19.8 29.8#



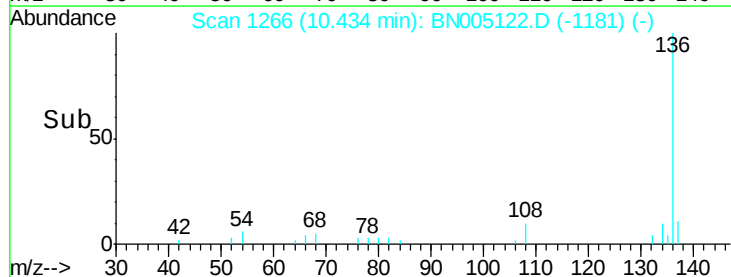
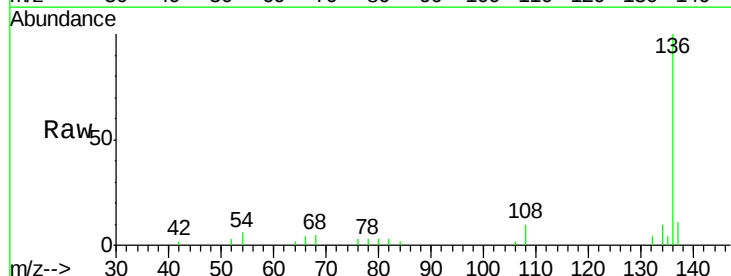
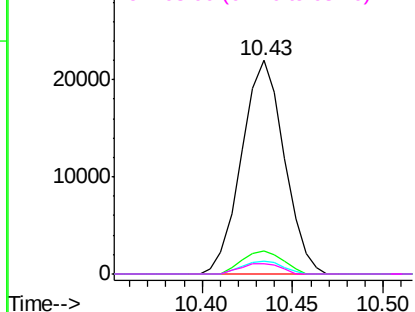
Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

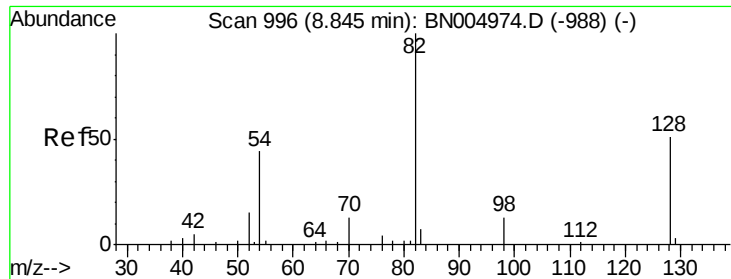


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Tgt Ion: 136 Resp: 35906
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 5.3 7.9
68 5.1 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): BN0
Ion 68.00 (67.70 to 68.70): BN0

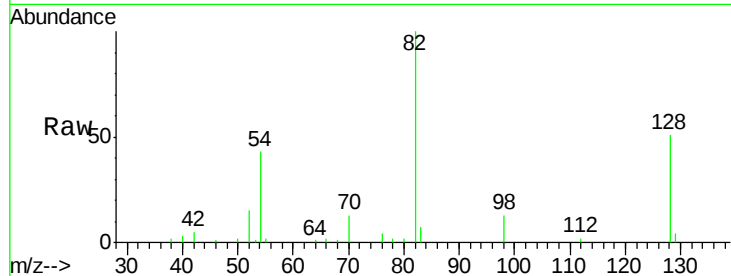




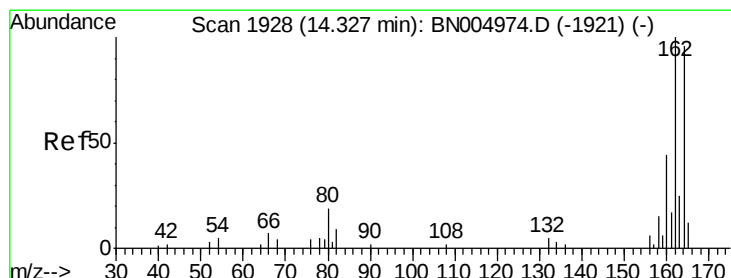
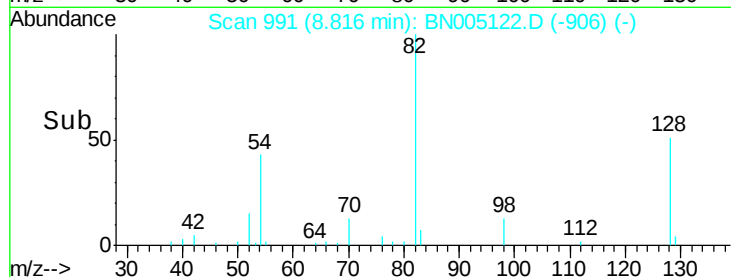
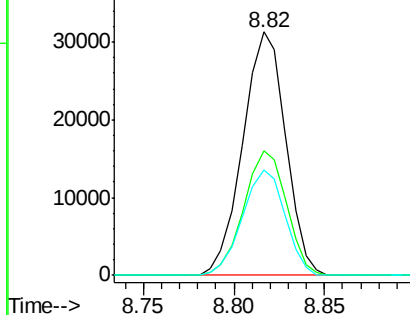
#23
Nitrobenzene-d5
Concen: 86.672 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 51446
Ion Ratio Lower Upper
82 100
128 51.0 40.6 60.8
54 43.2 35.2 52.8

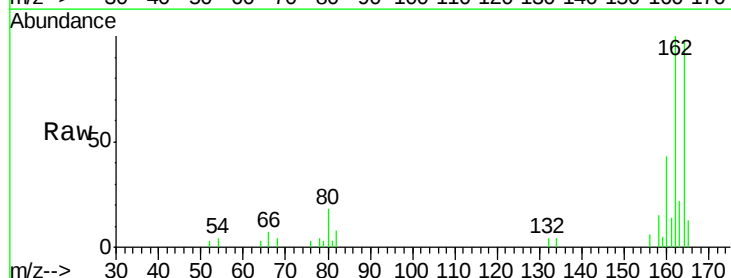


Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-988) (-)
Ion 128.00 (127.70 to 128.70): BN004974.D (-988) (-)
Ion 54.00 (53.70 to 54.70): BN004974.D (-988) (-)

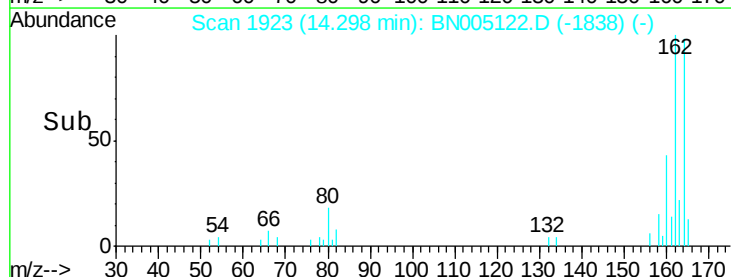
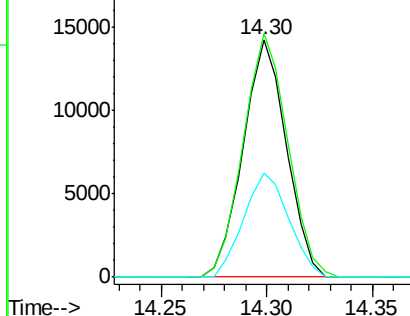


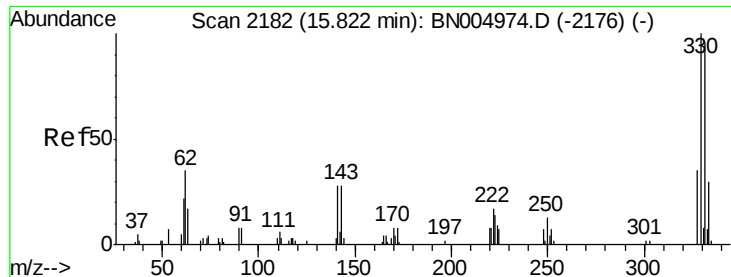
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Tgt Ion:164 Resp: 20251
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.0
160 43.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BN004974.D (-1921) (-)
Ion 162.00 (161.70 to 162.70): BN004974.D (-1921) (-)
Ion 160.00 (159.70 to 160.70): BN004974.D (-1921) (-)





#42

2,4,6-Tribromophenol

Concen: 148.997 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

Instrument :

BNA_N

ClientSampleId :

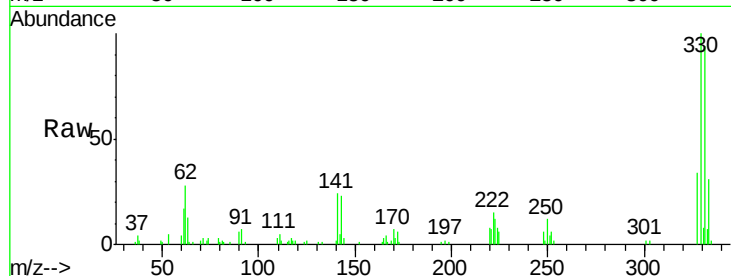
Tot Ion:330 Resp: 48664

Ion Ratio Lower Upper

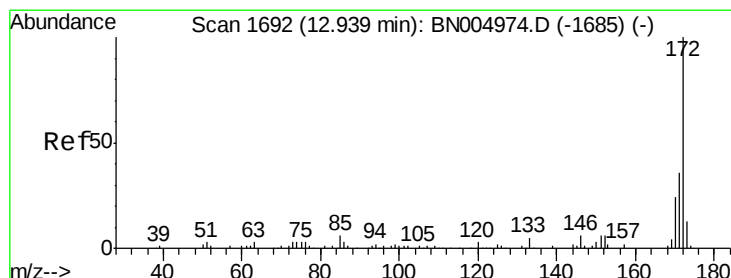
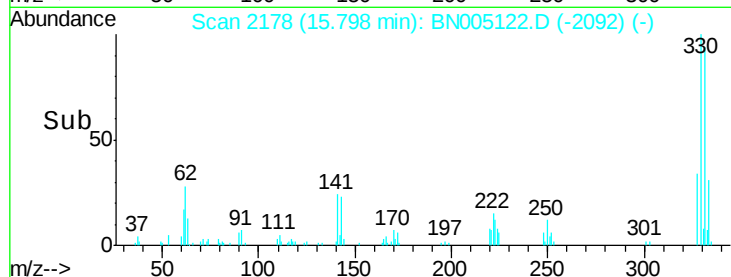
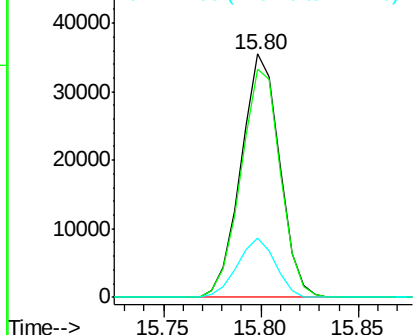
330 100

332 95.8 77.4 116.0

141 23.9 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: 91.422 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

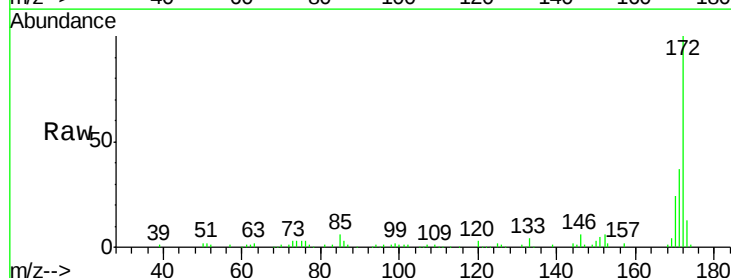
Tgt Ion:172 Resp: 139714

Ion Ratio Lower Upper

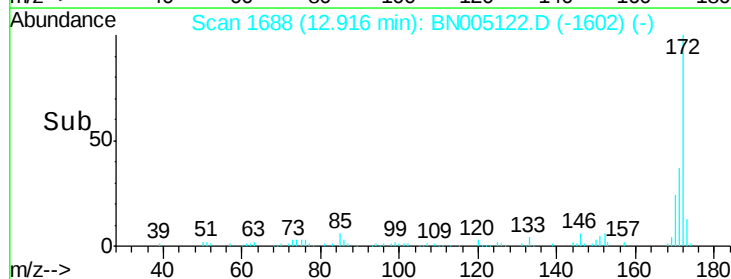
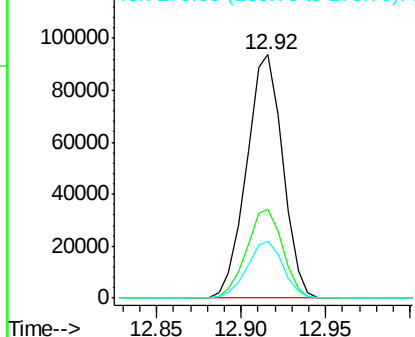
172 100

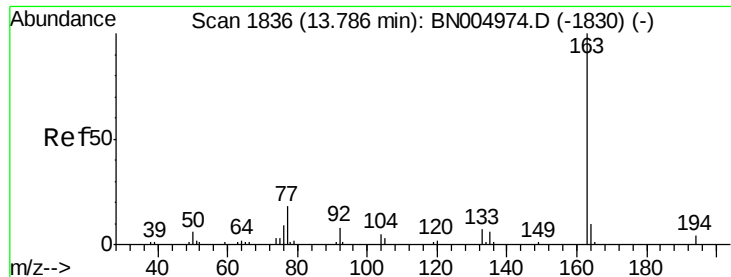
171 36.5 28.6 42.8

170 23.6 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

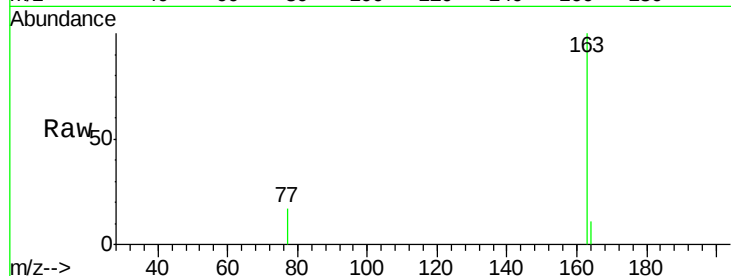




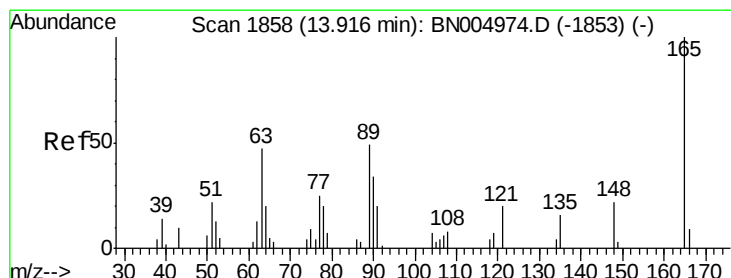
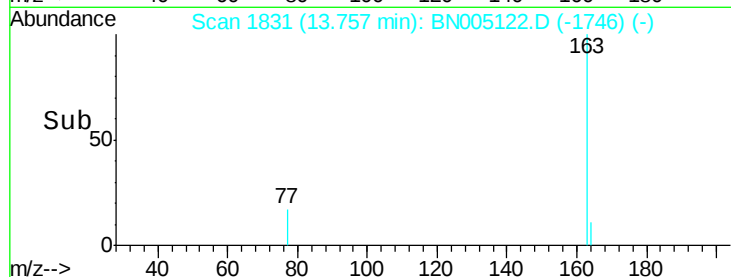
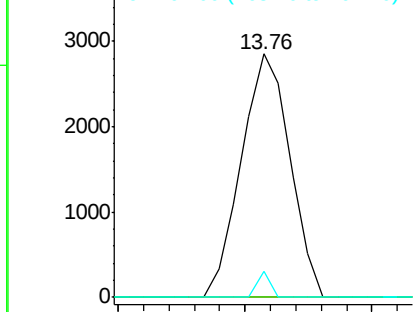
#50
Dimethylphthalate
Concen: 2.294 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 3817
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 10.5 8.3 12.5

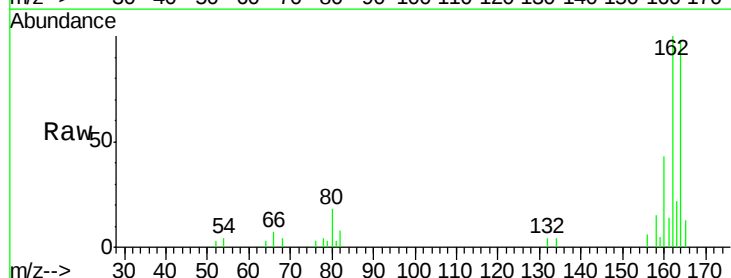


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

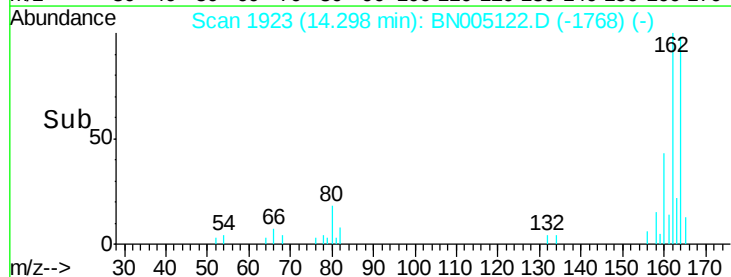
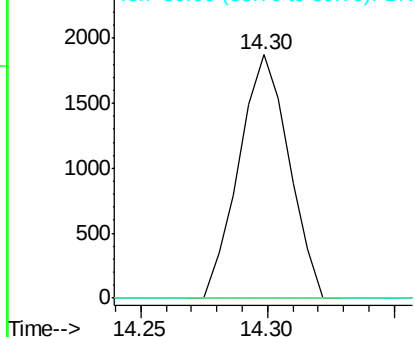


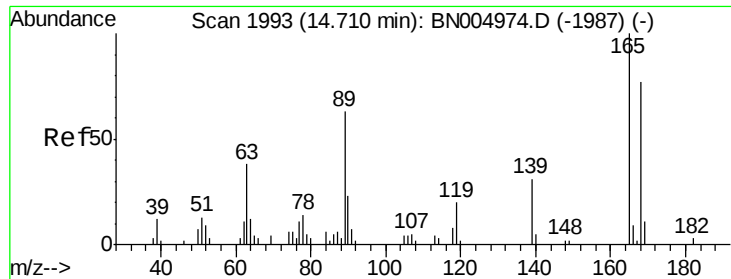
#51
2,6-Dinitrotoluene
Concen: 6.810 ng
RT: 14.30 min Scan# 1923
Delta R.T. 0.38 min
Lab File: BN005122.D
Acq: 09 Apr 2019 20:49

Tgt Ion:165 Resp: 2578
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

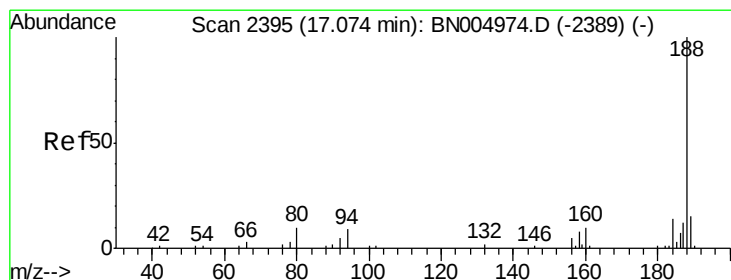
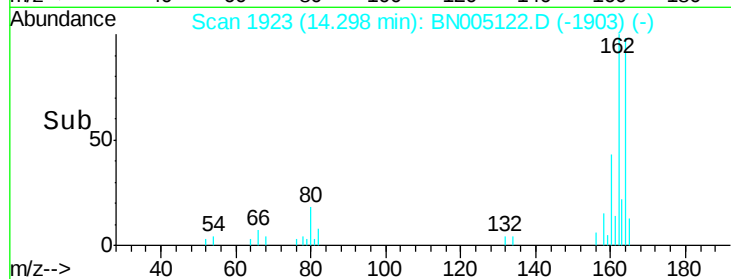
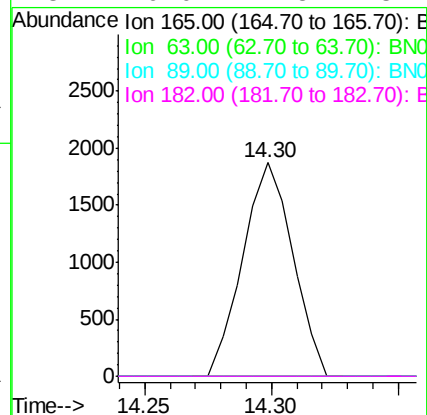
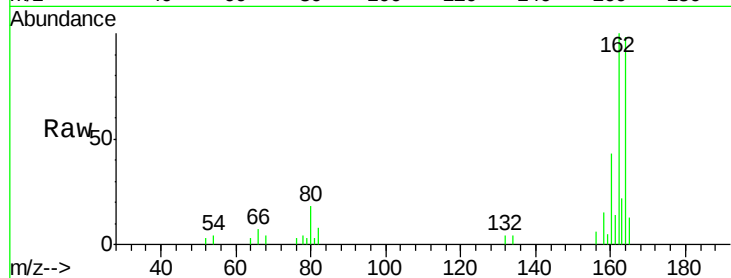




#57
 2,4-Dinitrotoluene
 Concen: 5.011 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005122.D
 Acq: 09 Apr 2019 20:49

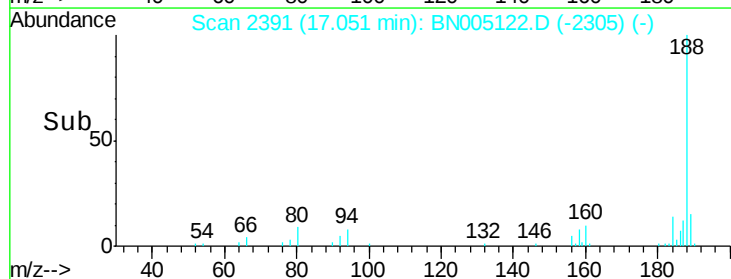
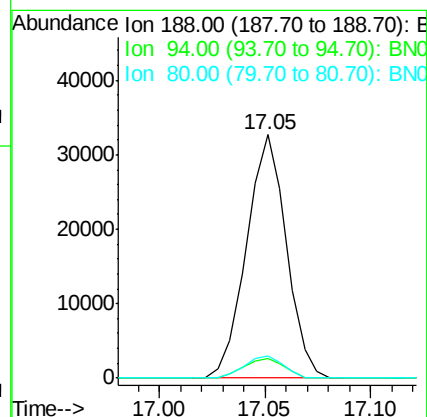
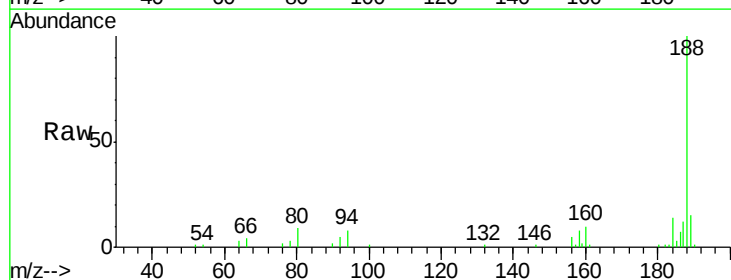
Instrument :
 BNA_N
 ClientSampleId :

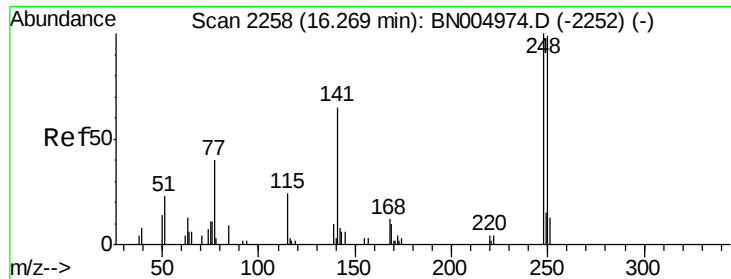
Tot Ion:165 Resp: 2578
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.4 45.6#
 89 0.0 50.7 76.1#
 182 0.0 2.5 3.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005122.D
 Acq: 09 Apr 2019 20:49

Tgt Ion:188 Resp: 42906
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 8.9 7.8 11.6

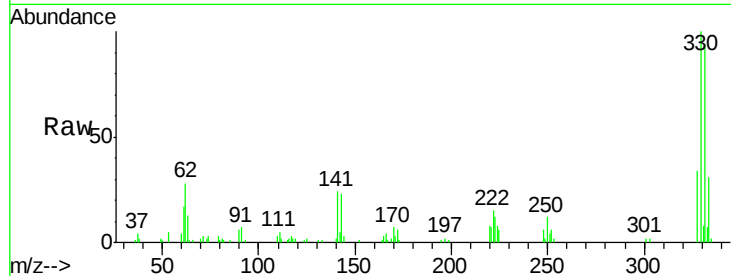




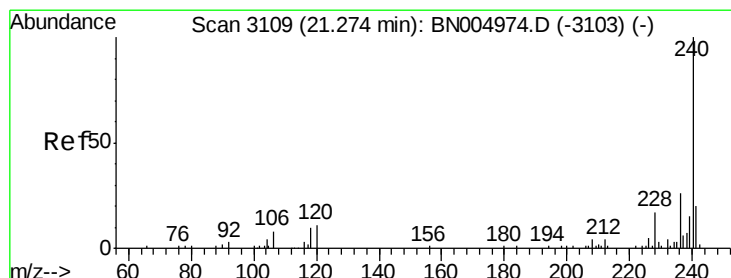
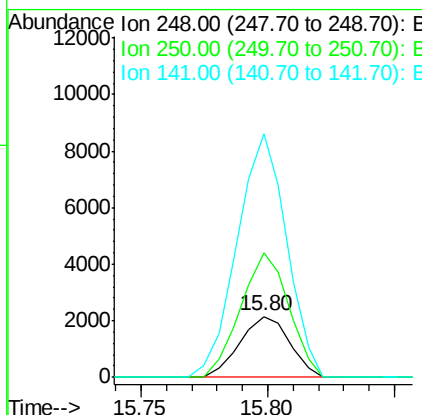
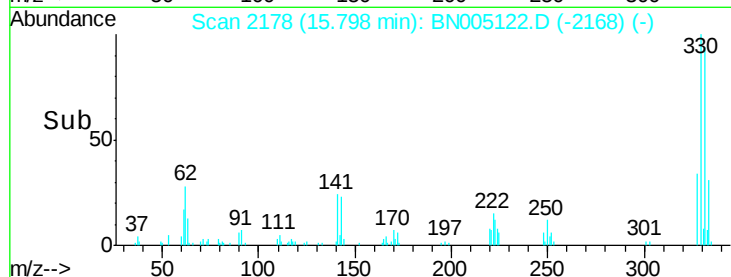
#67
 4-Bromophenyl-phenylether
 Concen: 5.431 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005122.D
 Acq: 09 Apr 2019 20:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 2908
 Ion Ratio Lower Upper
 248 100
 250 204.6 79.4 119.2#
 141 401.9 52.3 78.5#

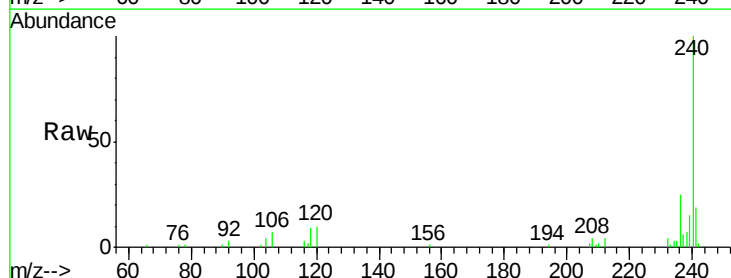


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

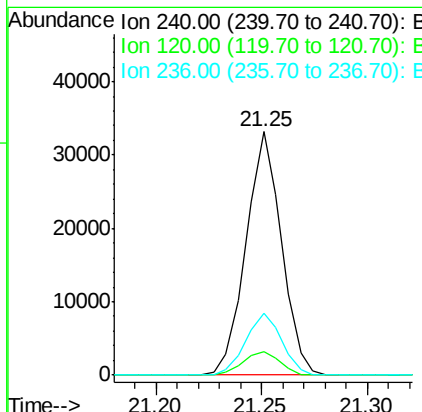
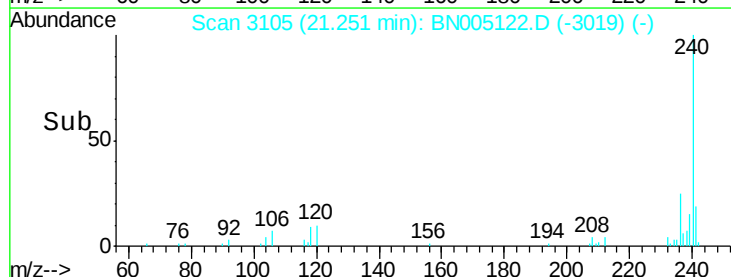


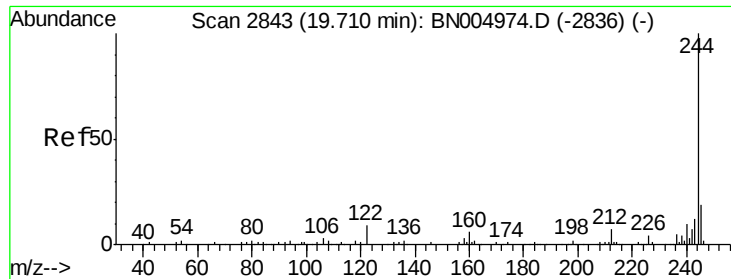
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005122.D
 Acq: 09 Apr 2019 20:49

Tgt Ion:240 Resp: 38696
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.5 12.7
 236 25.2 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: 99.506 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

Instrument :

BNA_N

ClientSampleId :

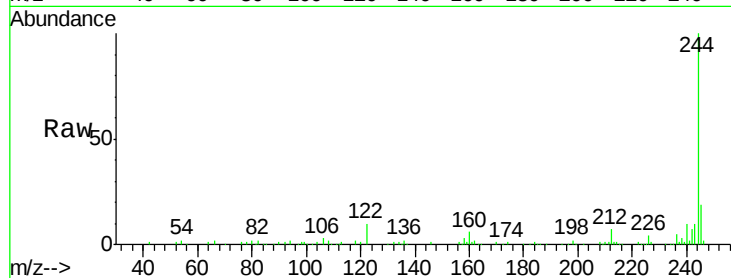
Tot Ion:244 Resp: 199999

Ion Ratio Lower Upper

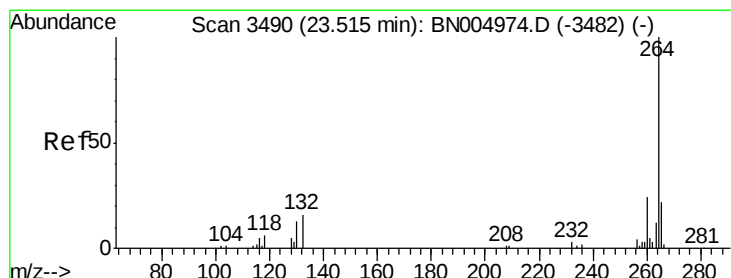
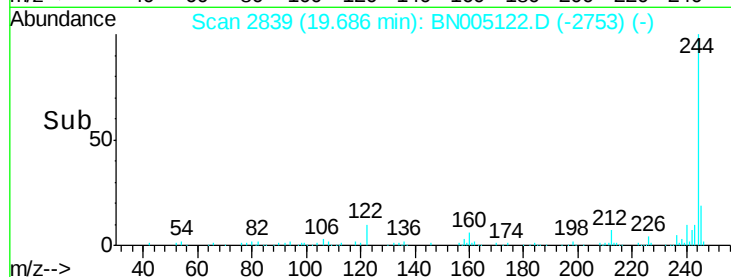
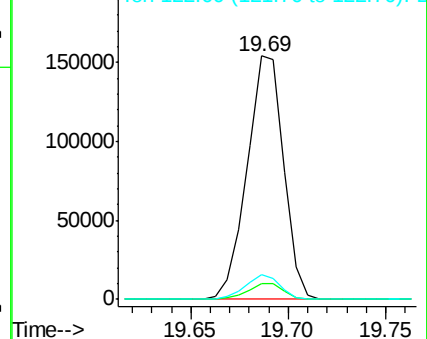
244 100

212 6.6 5.4 8.0

122 10.0 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. -0.04 min

Lab File: BN005122.D

Acq: 09 Apr 2019 20:49

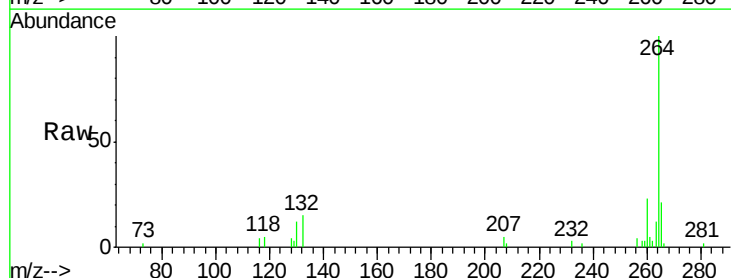
Tgt Ion:264 Resp: 38438

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 21.0 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

