

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005100.D
 Acq On : 04 Apr 2019 19:17
 Operator : JU/SJ
 Sample : K2245-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-3S

Quant Time: Apr 05 03:06:11 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

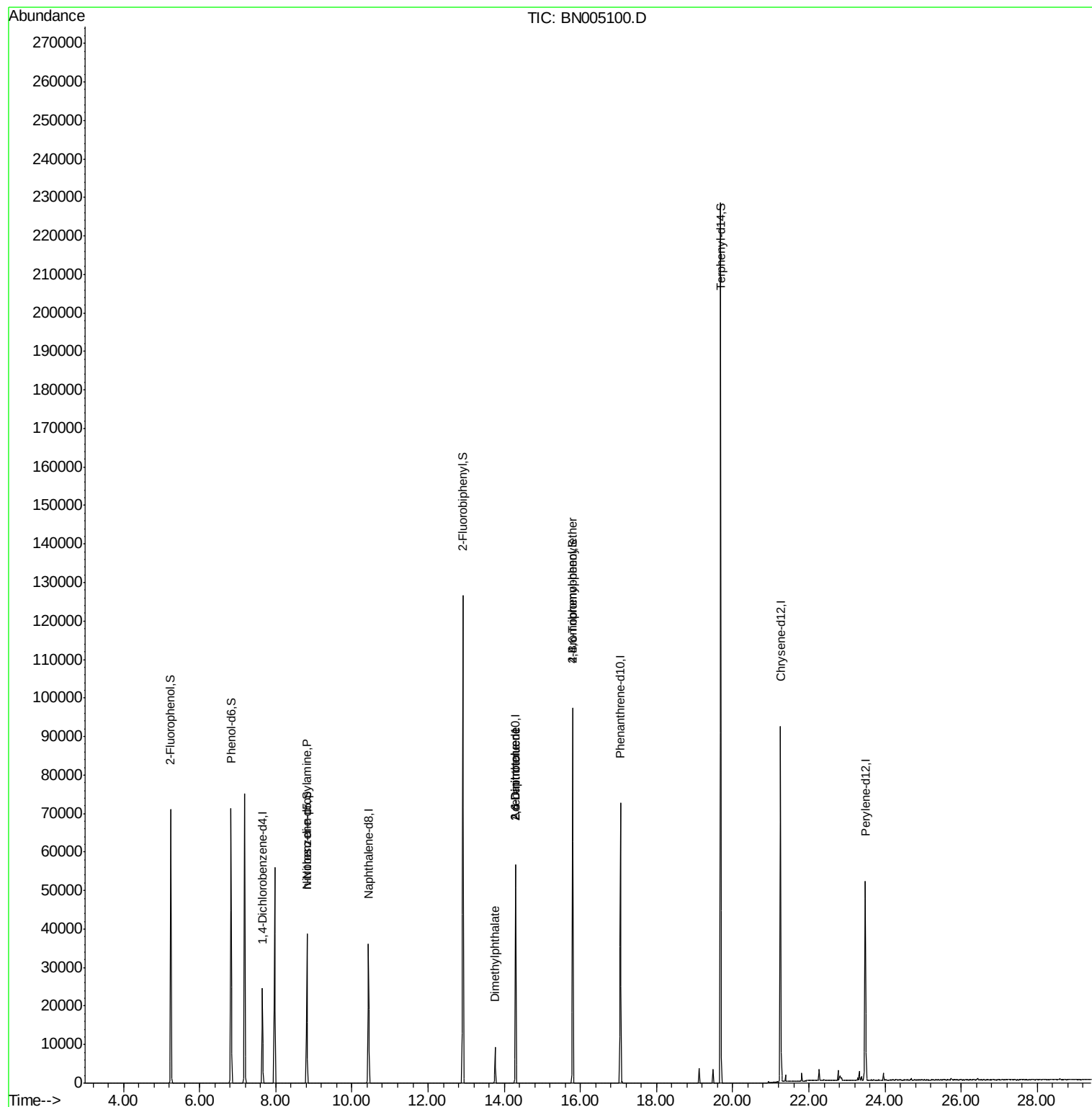
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8036	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33914	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20261	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	46194	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	45738	20.00	ng	-0.02
87) Perylene-d12	23.48	264	42806	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	33360	71.77	ng	-0.03
7) Phenol-d6	6.83	99	44434	72.08	ng	-0.03
23) Nitrobenzene-d5	8.82	82	24113	43.01	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	23529	72.00	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	71032	46.46	ng	-0.03
79) Terphenyl-d14	19.69	244	111455	46.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	2954	7.309	ng	# 73
50) Dimethylphthalate	13.76	163	7948	4.775	ng	# 95
51) 2,6-Dinitrotoluene	14.30	165	2452	6.473	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2452	4.763	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	1291	2.240	ng	# 1

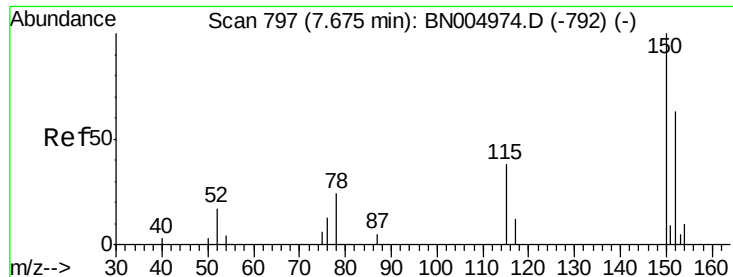
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration



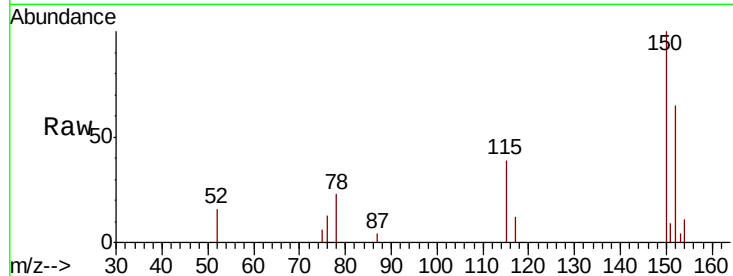


#1

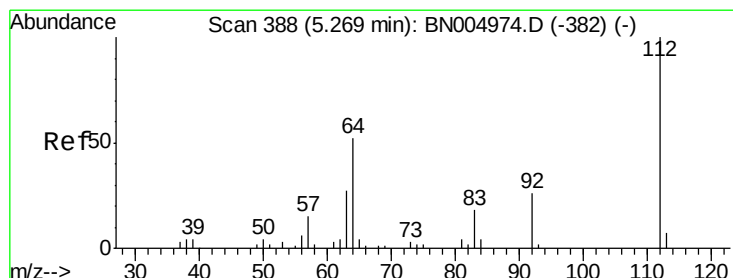
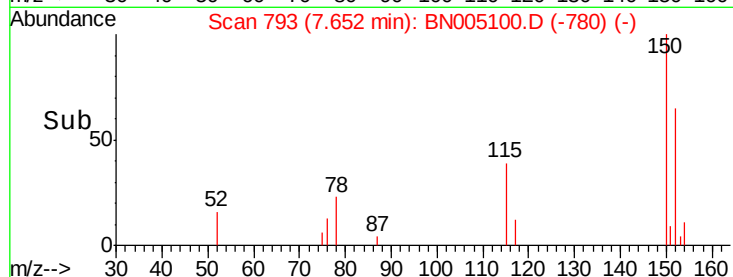
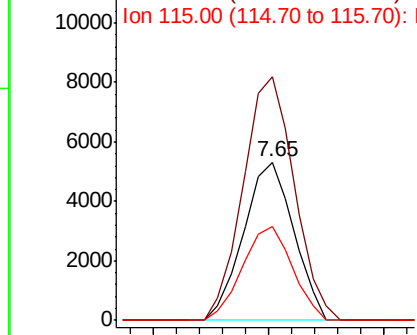
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

Instrument :
BNA_N
ClientSampled :
TP-3S

Tgt Ion:152 Resp: 8036
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 59.7 47.8 71.6



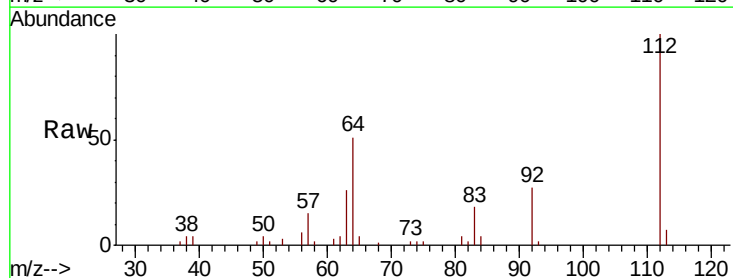
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



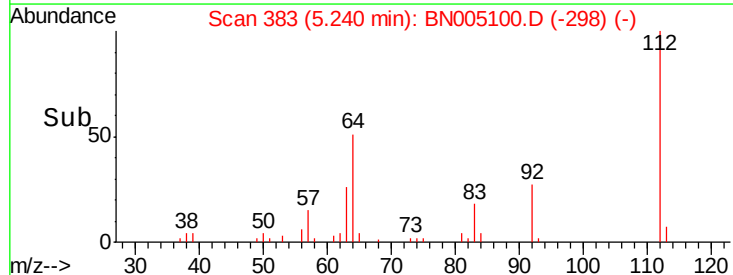
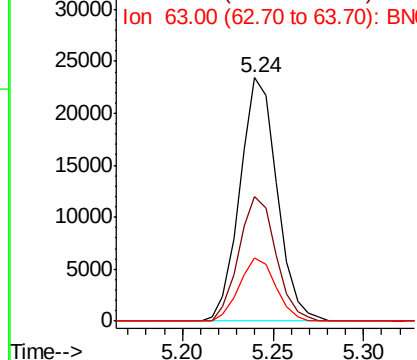
#5

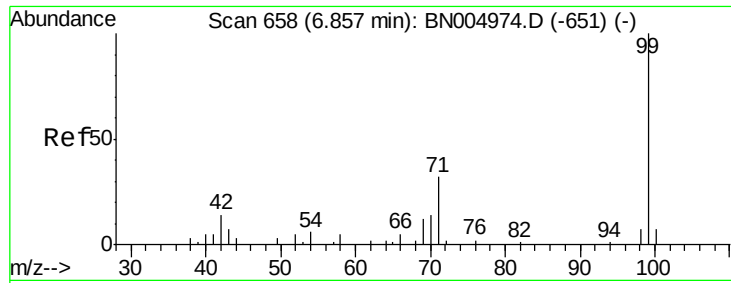
2-Fluorophenol
Concen: 71.772 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

Tgt Ion:112 Resp: 33360
Ion Ratio Lower Upper
112 100
64 51.2 41.9 62.9
63 25.7 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: 72.076 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

Instrument :

BNA_N

ClientSampleId :

TP-3S

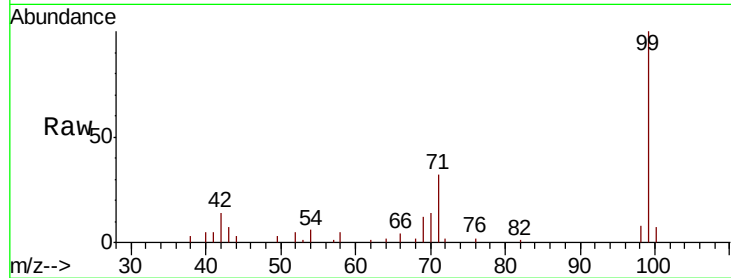
Tgt Ion: 99 Resp: 44434

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

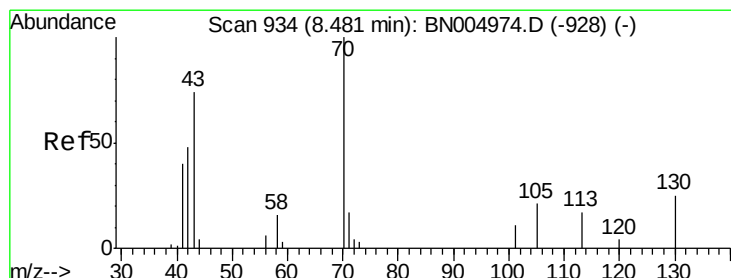
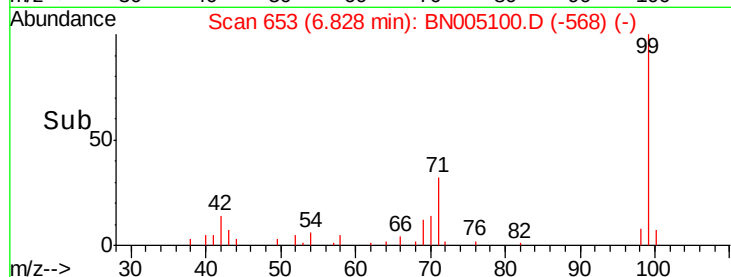
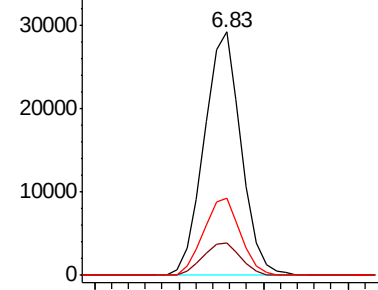
71 31.5 25.8 38.8



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: 7.309 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

Tgt Ion: 70 Resp: 2954

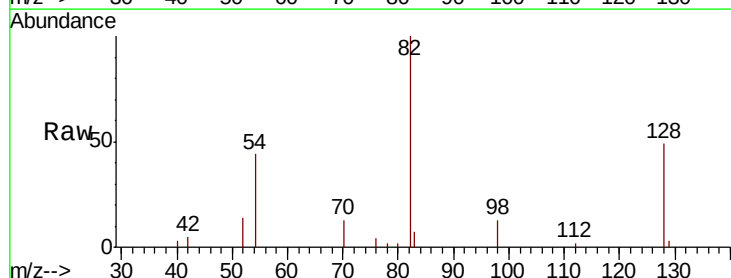
Ion Ratio Lower Upper

70 100

42 37.9 38.4 57.6#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

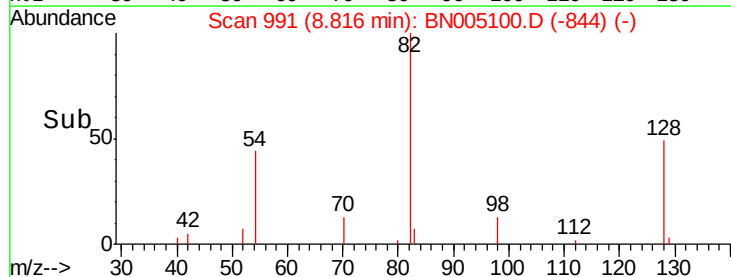
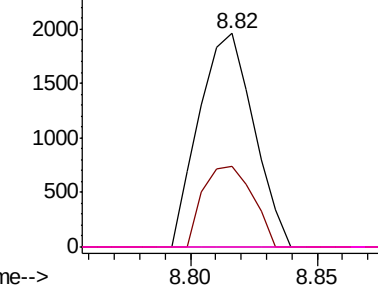


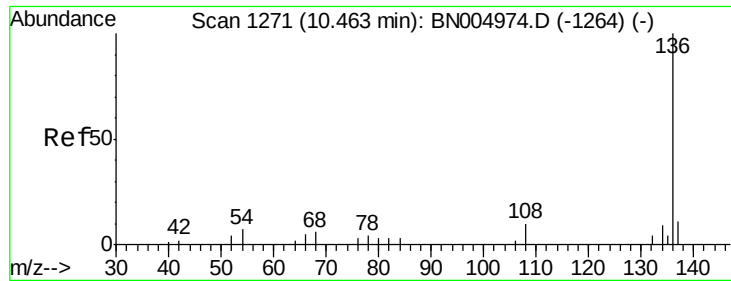
Abundance Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

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) (-)

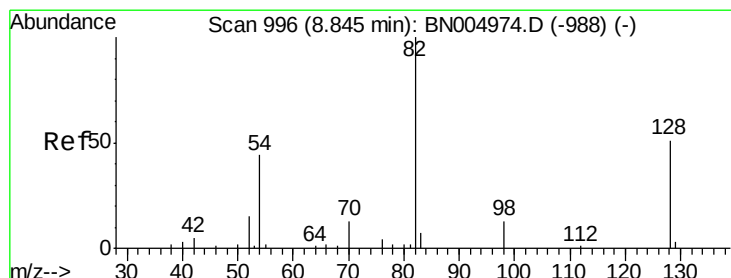
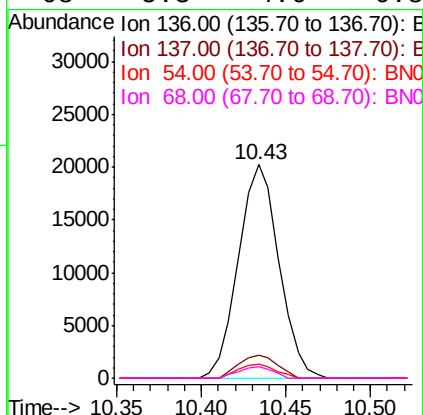
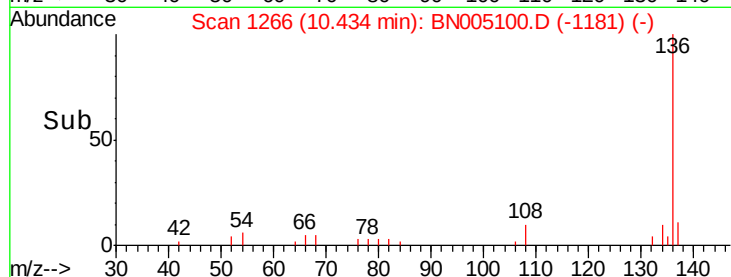
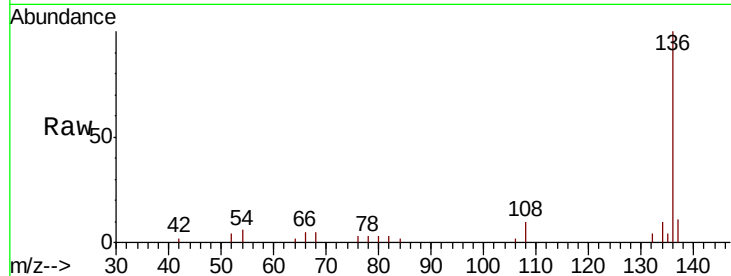




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

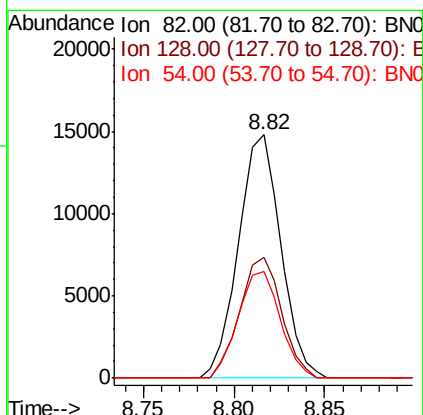
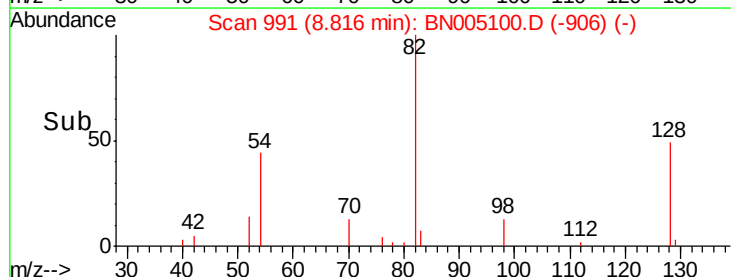
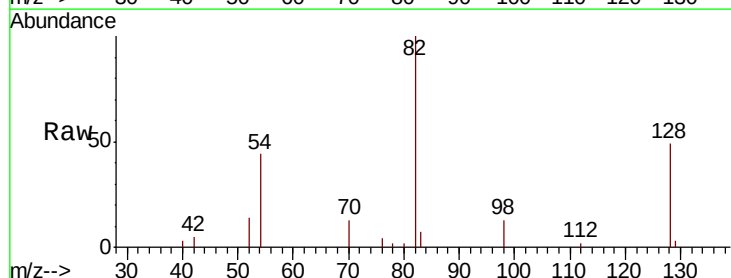
Instrument :
BNA_N
ClientSampleId :
TP-3S

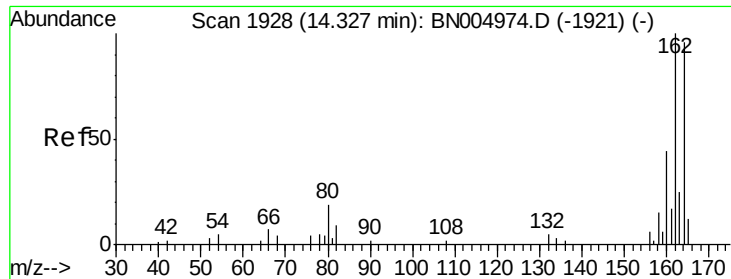
Tgt Ion:	136	Resp:	33914
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.3	7.9
68	5.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 43.010 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

Tgt Ion:	82	Resp:	24113
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.6	60.8
54	43.8	35.2	52.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

Instrument :

BNA_N

ClientSampleId :

TP-3S

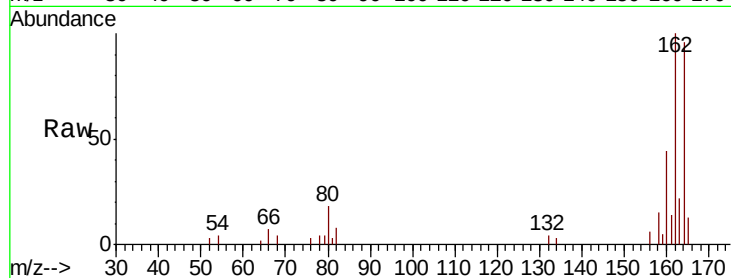
Tgt Ion:164 Resp: 20261

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

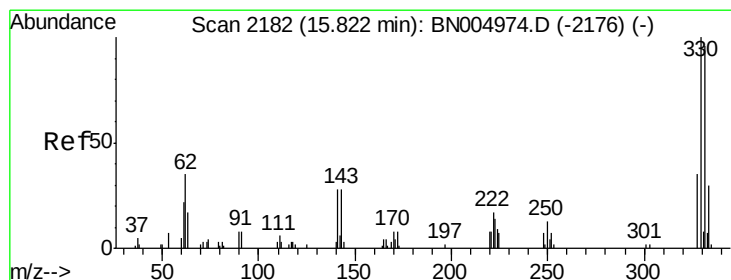
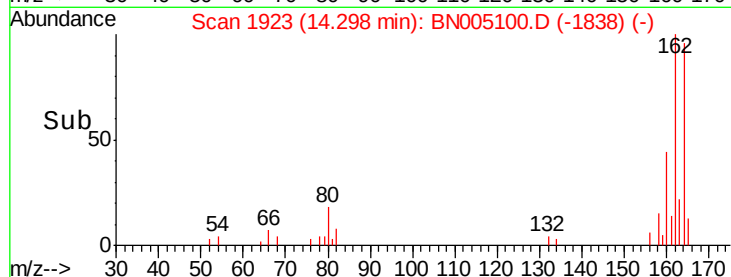
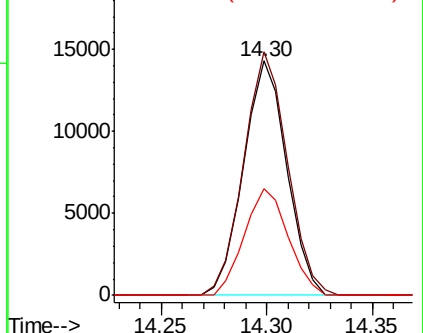
160 45.6 36.6 55.0



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: 72.004 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

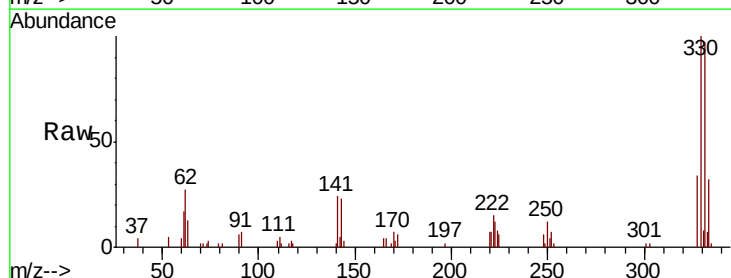
Tgt Ion:330 Resp: 23529

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

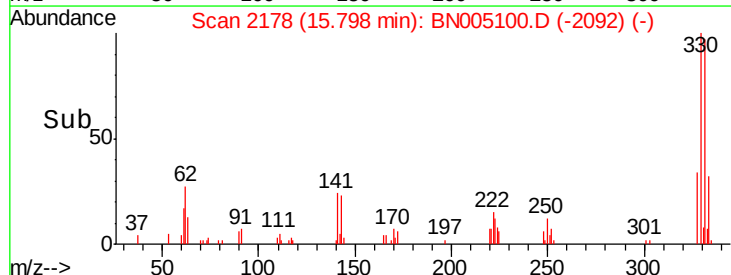
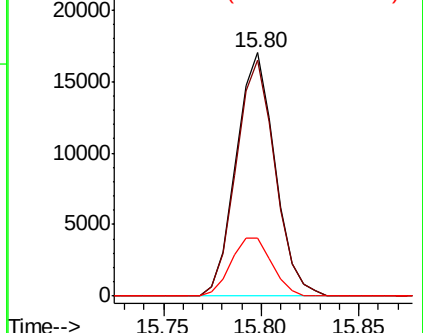
141 25.0 22.1 33.1

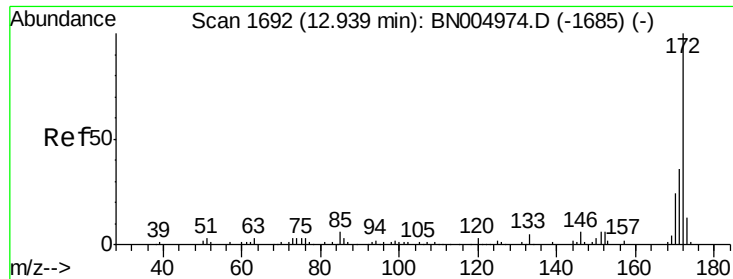


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

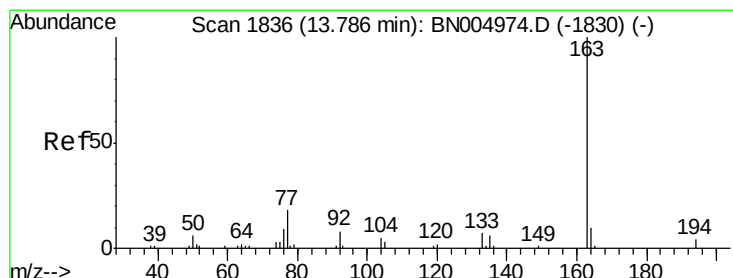
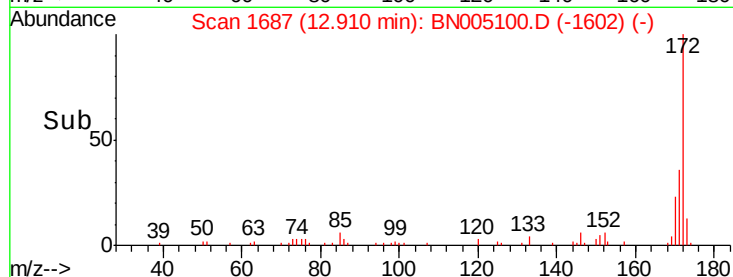
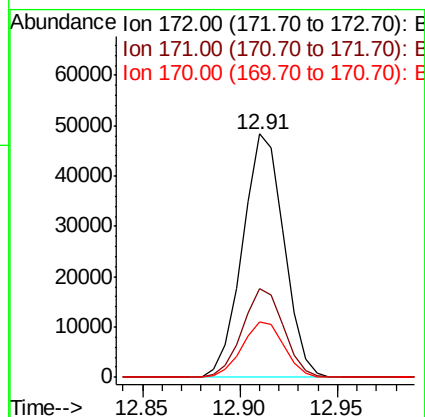
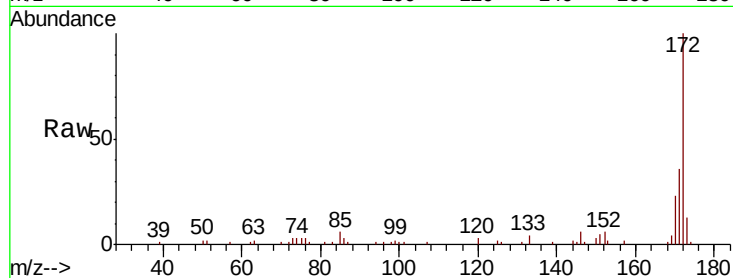




#45
2-Fluorobiphenyl
Concen: 46.457 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.03 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

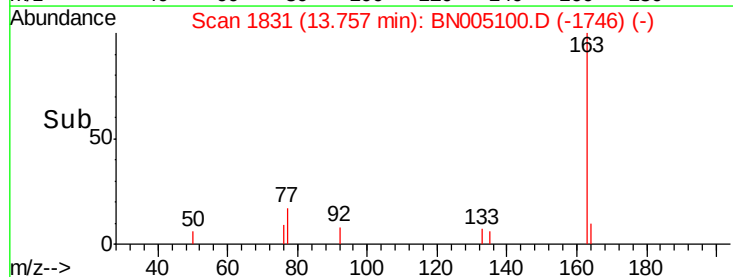
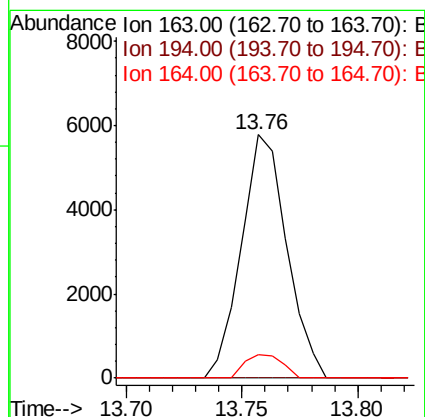
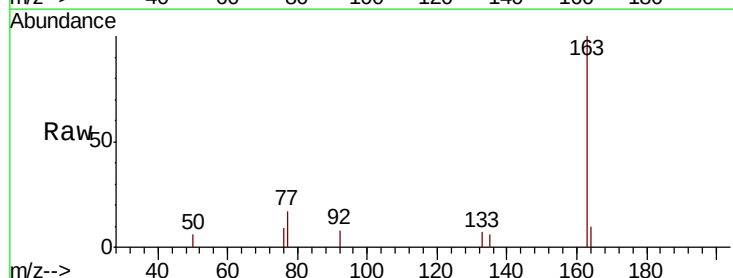
Instrument :
BNA_N
ClientSampleId :
TP-3S

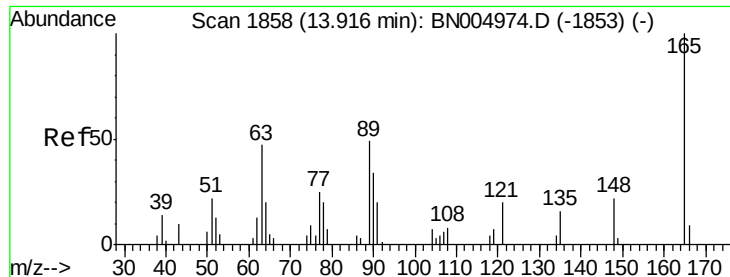
Tgt Ion:172 Resp: 71032
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 22.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.775 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

Tgt Ion:163 Resp: 7948
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 9.6 8.3 12.5

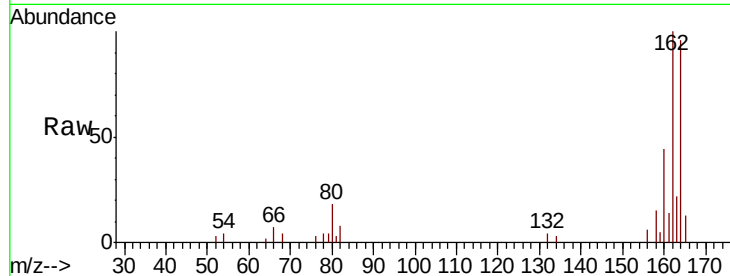




#51
 2,6-Dinitrotoluene
 Concen: 6.473 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005100.D
 Acq: 04 Apr 2019 19:17

Instrument :
 BNA_N
 ClientSampleId :
 TP-3S

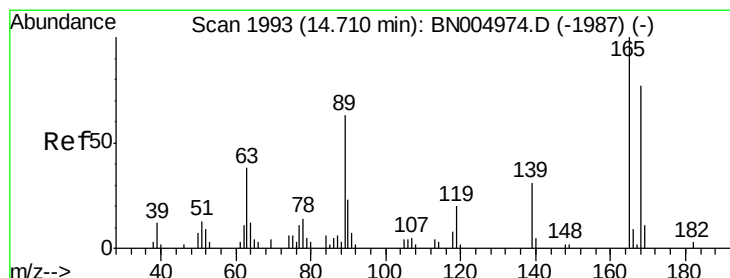
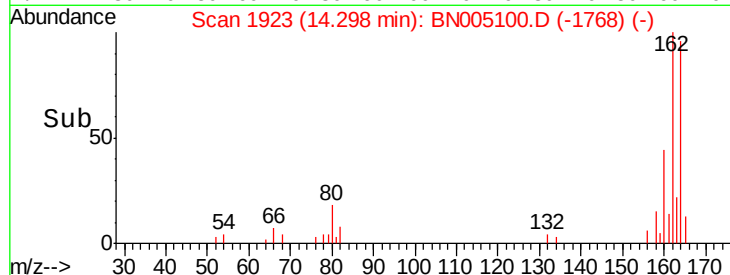
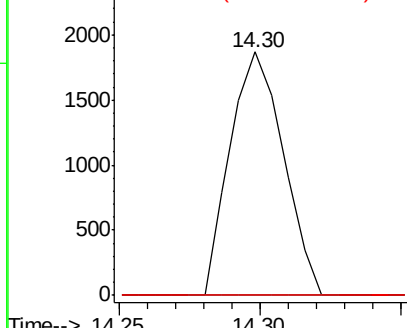
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#



Abundance Ion 165.00 (164.70 to 165.70): E

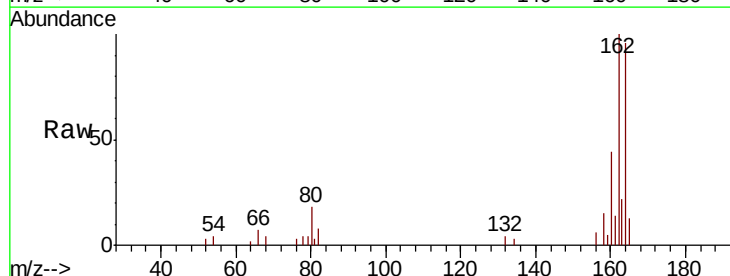
Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#57
 2,4-Dinitrotoluene
 Concen: 4.763 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005100.D
 Acq: 04 Apr 2019 19:17

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#

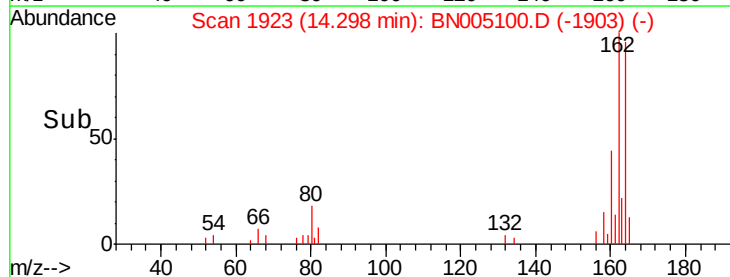
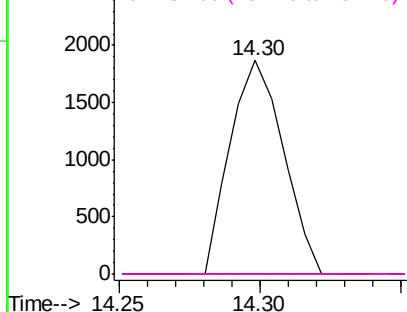


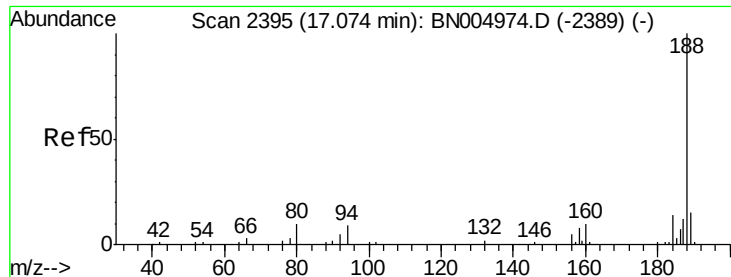
Abundance Ion 165.00 (164.70 to 165.70): E

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: BN005100.D

Acq: 04 Apr 2019 19:17

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TP-3S

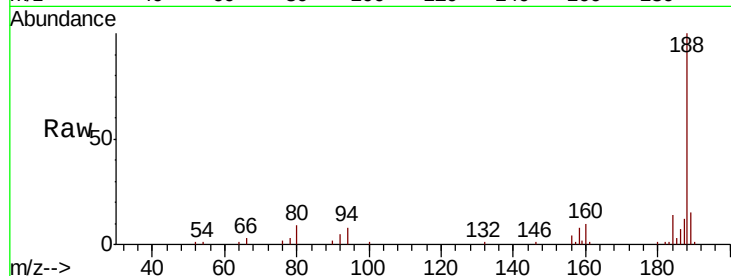
Tgt Ion:188 Resp: 46194

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

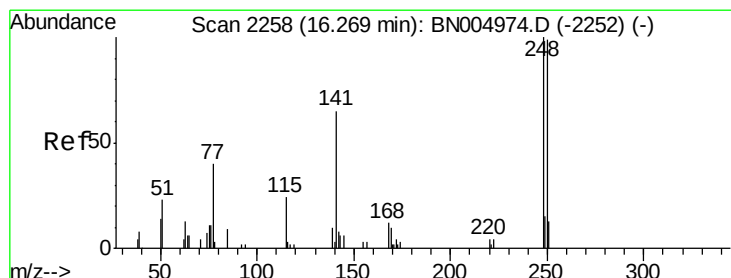
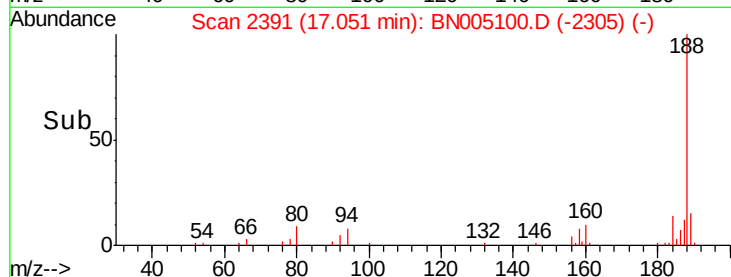
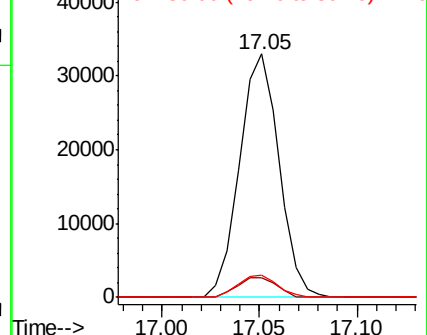
80 9.2 7.8 11.6



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: 2.240 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

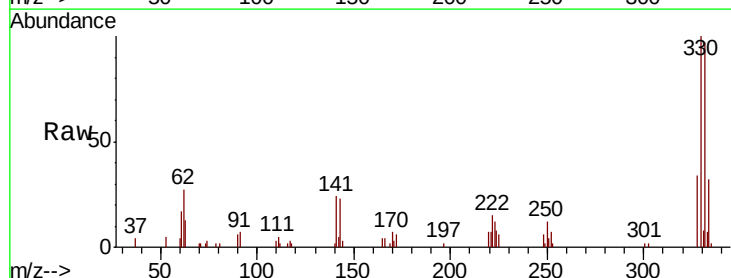
Tgt Ion:248 Resp: 1291

Ion Ratio Lower Upper

248 100

250 205.6 79.4 119.2#

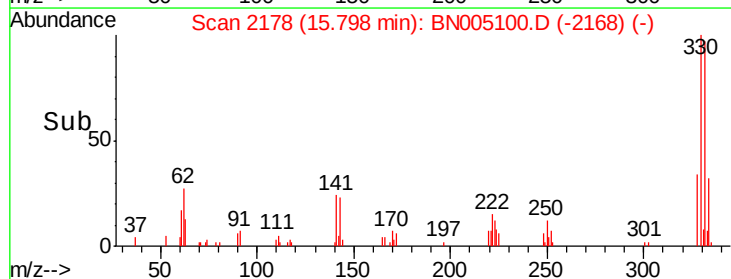
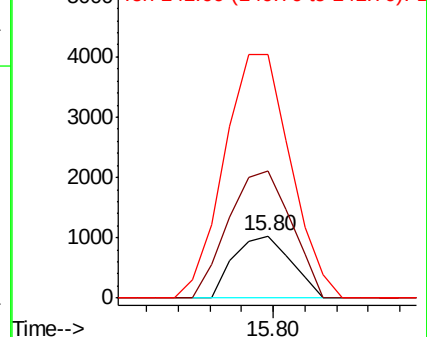
141 392.2 52.3 78.5#

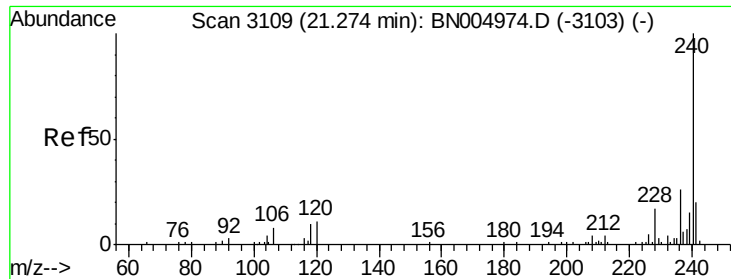


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN005100.D

Acq: 04 Apr 2019 19:17

Instrument :

BNA_N

ClientSampleId :

TP-3S

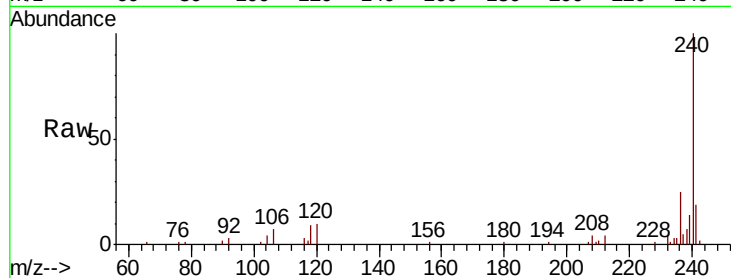
Tgt Ion:240 Resp: 45738

Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

236 25.3 21.2 31.8

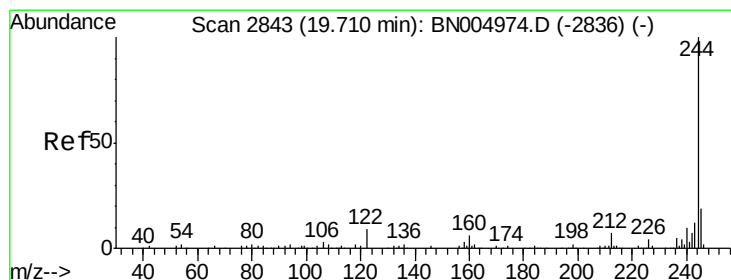
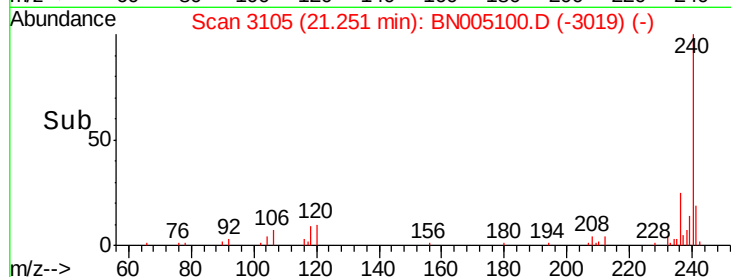
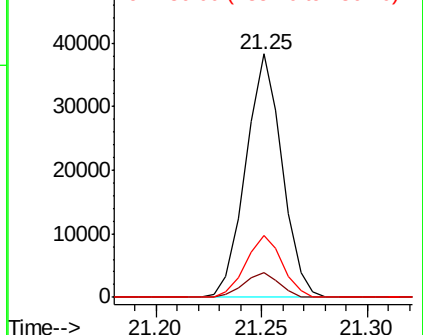


Abundance

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: 46.915 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005100.D

Acq: 04 Apr 2019 19:17

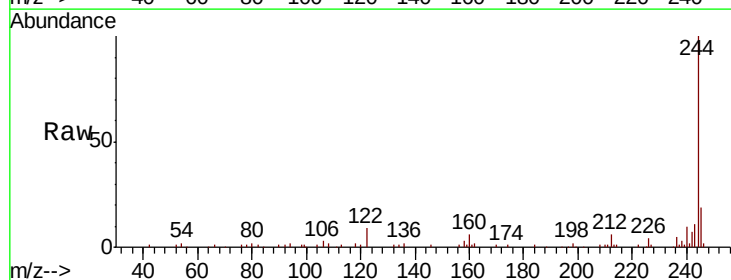
Tgt Ion:244 Resp: 111455

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.4 7.4 11.2

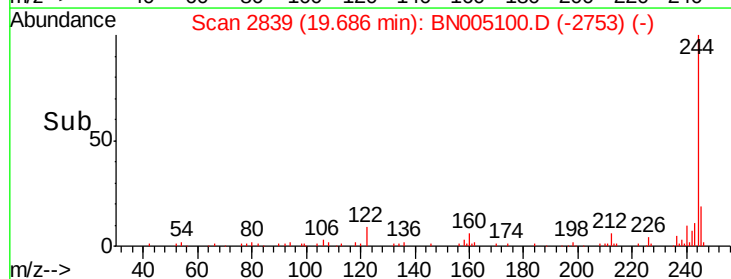
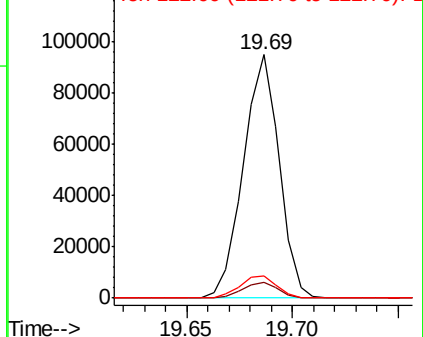


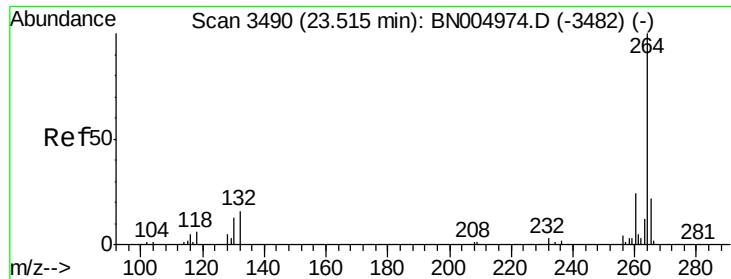
Abundance

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

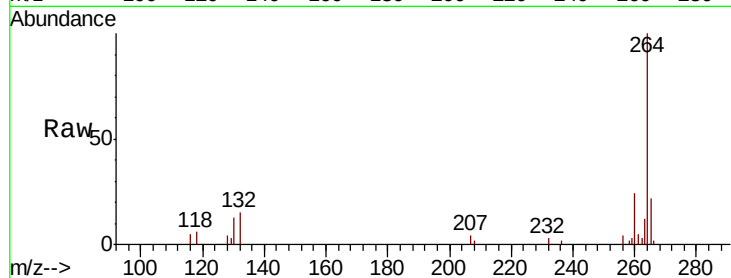




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.04 min
Lab File: BN005100.D
Acq: 04 Apr 2019 19:17

Instrument :
BNA_N
ClientSampleId :
TP-3S

Tgt Ion:	264	Resp:	42806
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	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

