

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005099.D
 Acq On : 04 Apr 2019 18:42
 Operator : JU/SJ
 Sample : K2245-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-1D

Quant Time: Apr 05 03:52:36 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

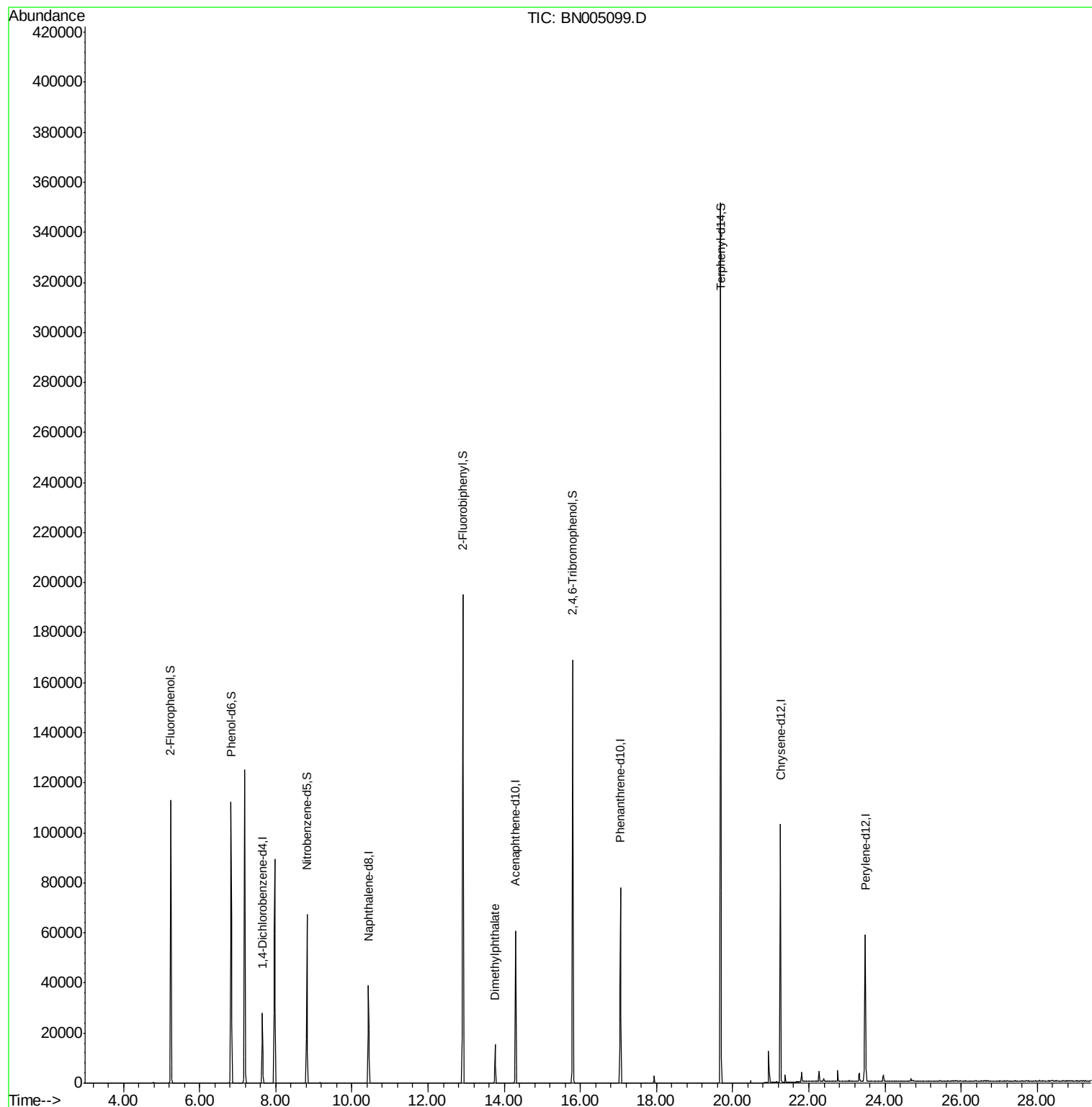
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8916	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	36225	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	21645	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	49187	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	50683	20.00	ng	-0.02
87) Perylene-d12	23.48	264	47306	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	54054	104.82	ng	-0.03
7) Phenol-d6	6.83	99	71337	104.29	ng	-0.03
23) Nitrobenzene-d5	8.82	82	38933	65.01	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	38808	111.17	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	109014	66.74	ng	-0.02
79) Terphenyl-d14	19.69	244	169011	64.20	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.76	163	12229	6.877	ng	Qvalue 99

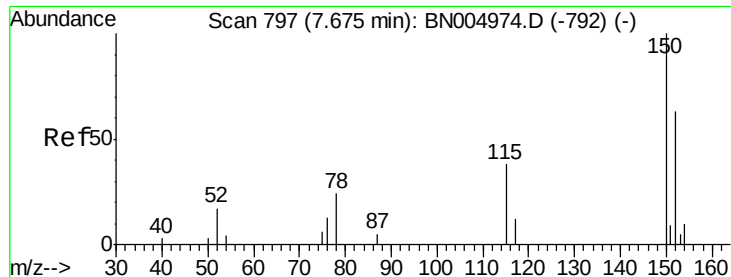
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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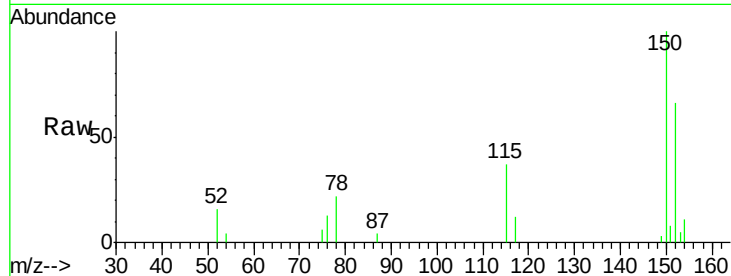


#1

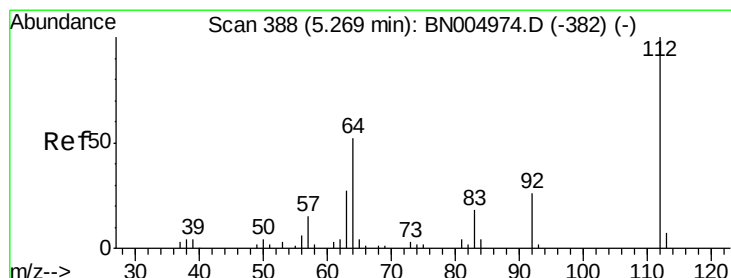
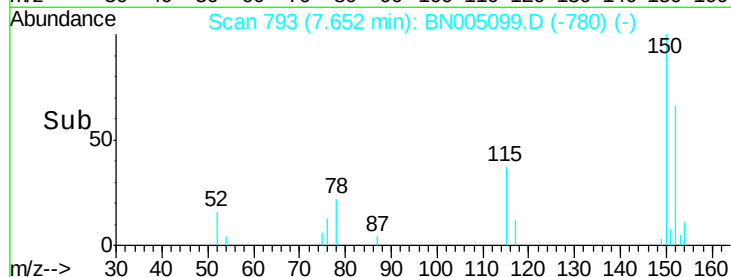
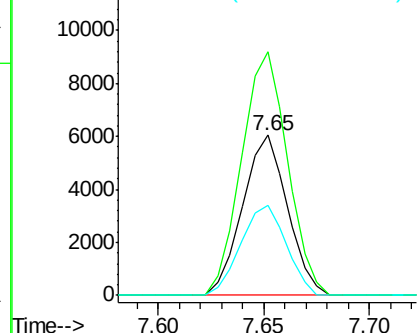
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:152 Resp: 8916
Ion Ratio Lower Upper
152 100
150 152.1 126.9 190.3
115 56.0 47.8 71.6



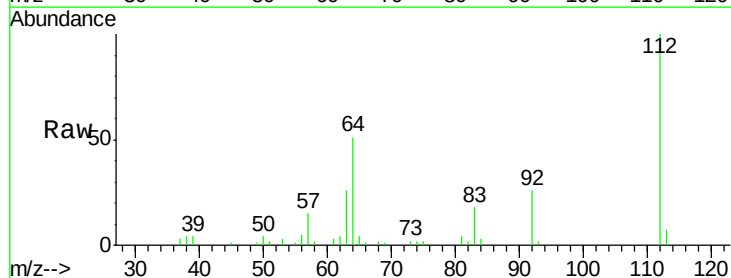
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



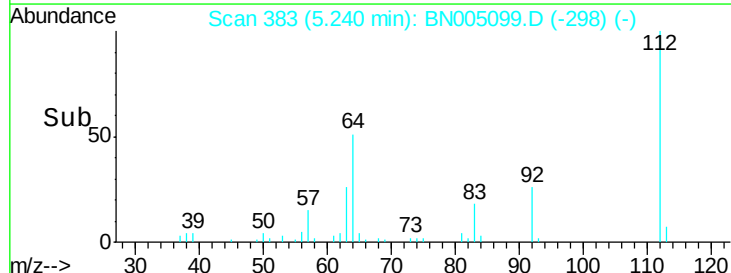
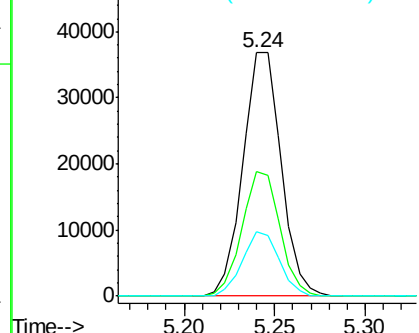
#5

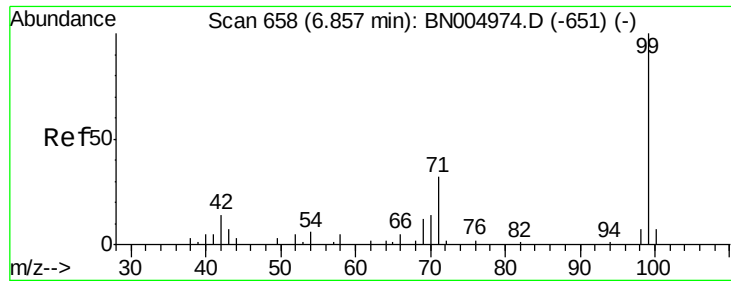
2-Fluorophenol
Concen: 104.816 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Tgt Ion:112 Resp: 54054
Ion Ratio Lower Upper
112 100
64 51.2 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: 104.294 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005099.D

Acq: 04 Apr 2019 18:42

Instrument :

BNA_N

ClientSampleId :

TP-1D

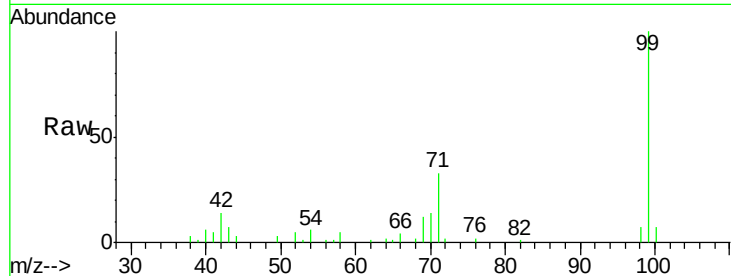
Tgt Ion: 99 Resp: 71337

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

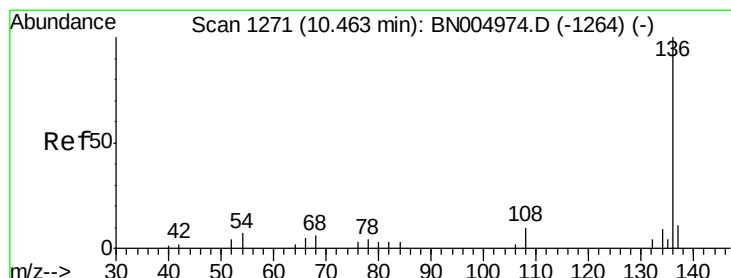
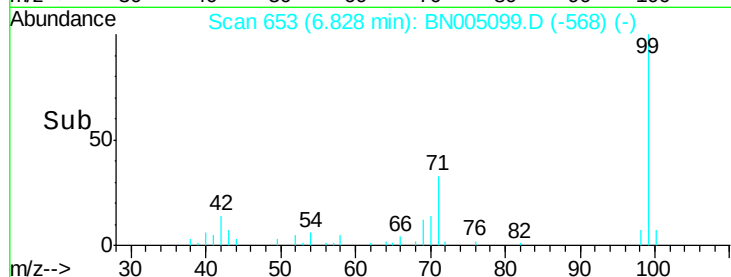
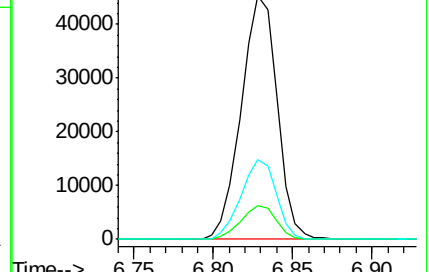
71 32.6 25.8 38.8



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005099.D

Acq: 04 Apr 2019 18:42

Tgt Ion: 136 Resp: 36225

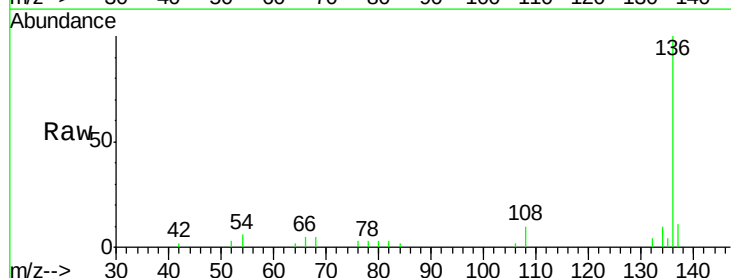
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 5.3 7.9

68 5.1 4.6 6.8

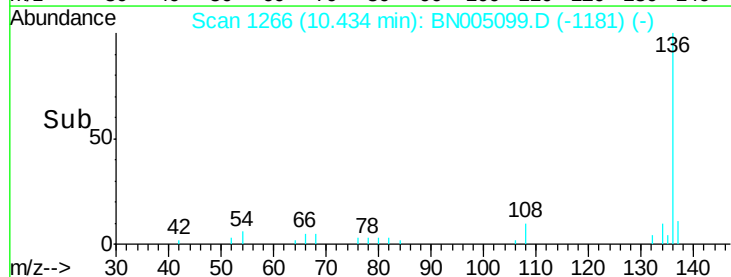
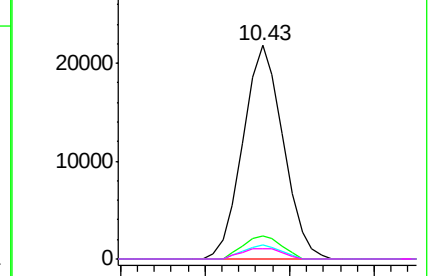


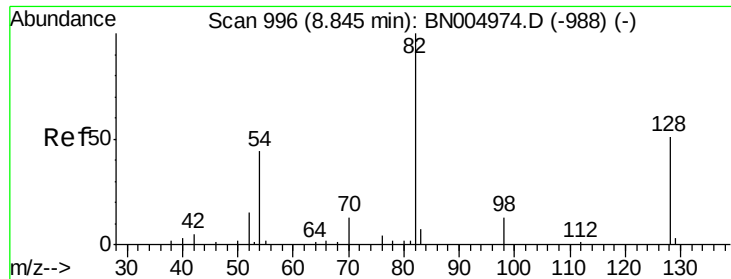
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)





#23

Nitrobenzene-d5

Concen: 65.013 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.03 min

Lab File: BN005099.D

Acq: 04 Apr 2019 18:42

Instrument :

BNA_N

ClientSampleId :

TP-1D

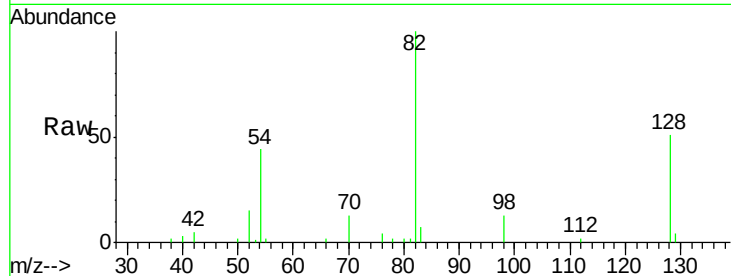
Tgt Ion: 82 Resp: 38933

Ion Ratio Lower Upper

82 100

128 51.0 40.6 60.8

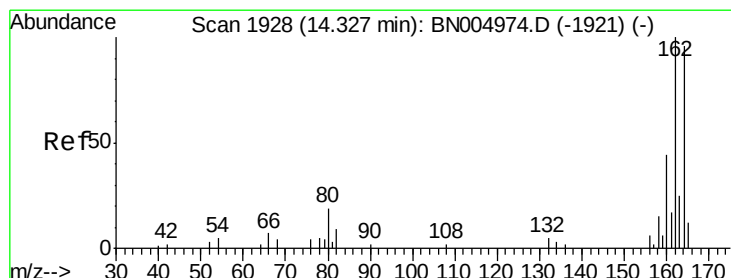
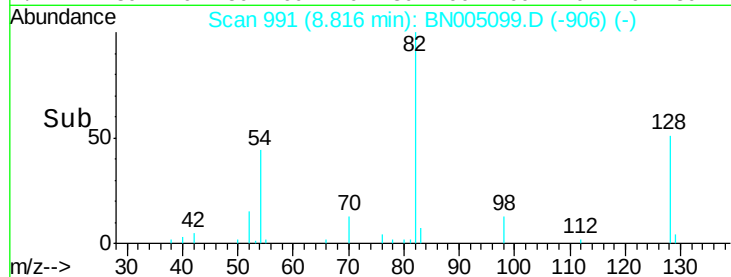
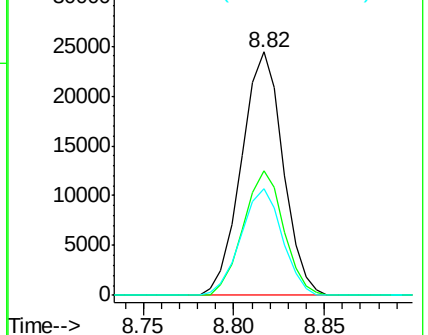
54 44.0 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

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: BN005099.D

Acq: 04 Apr 2019 18:42

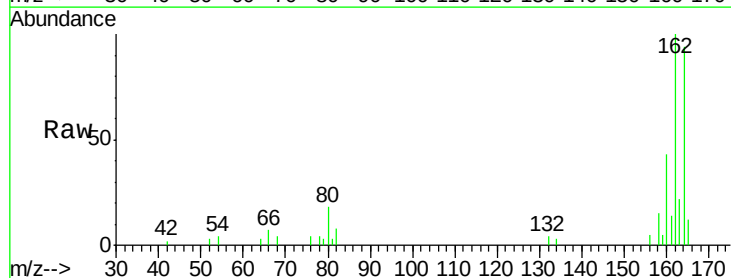
Tgt Ion: 164 Resp: 21645

Ion Ratio Lower Upper

164 100

162 106.6 83.4 125.0

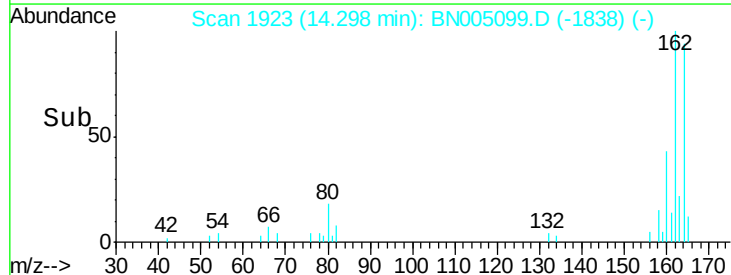
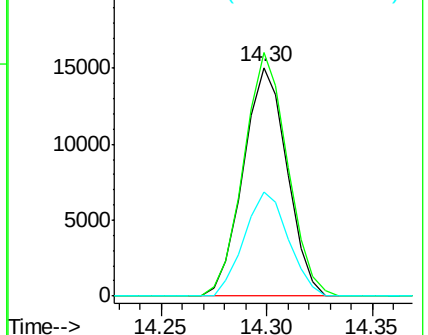
160 45.8 36.6 55.0

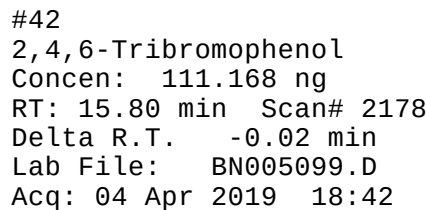


Abundance Ion 164.00 (163.70 to 164.70): BNC

Ion 162.00 (161.70 to 162.70): BNC

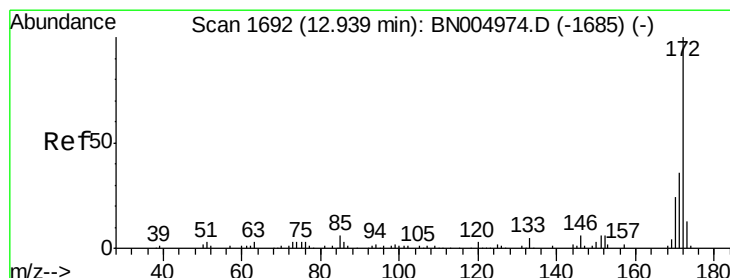
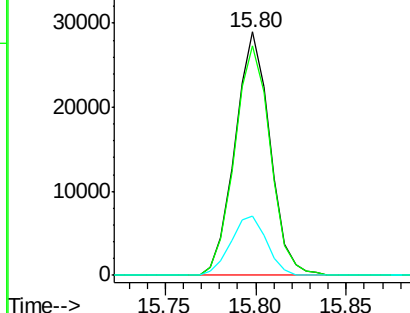
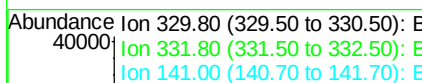
Ion 160.00 (159.70 to 160.70): BNC





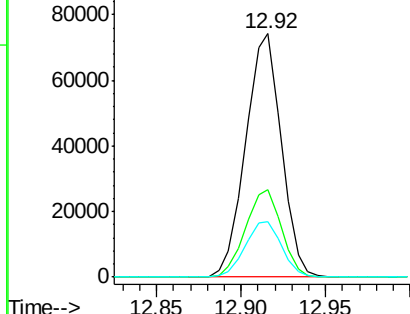
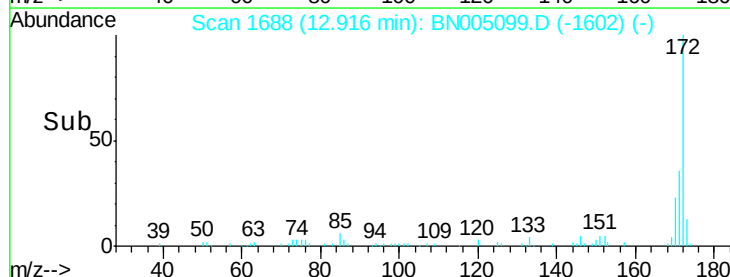
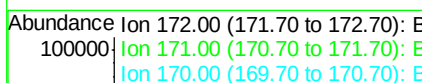
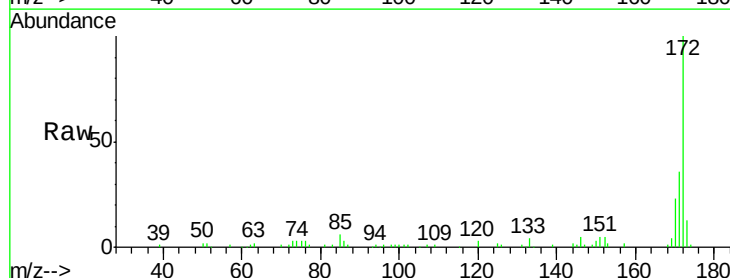
Instrument :
BNA_N
ClientSampleId :
TP-1D

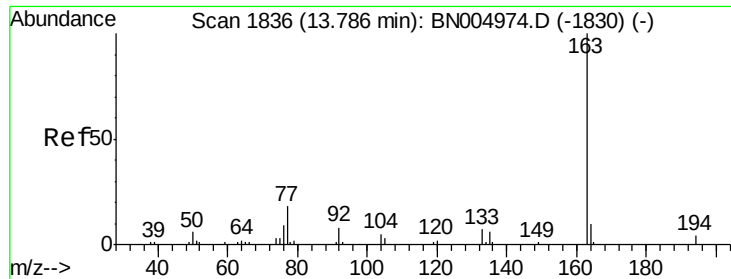
Tgt	Ion:330	Resp:	38808
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	24.9	22.1	33.1



```
#45
2-Fluorobiphenyl
Concen: 66.739 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42
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Tgt	Ion:172	Resp:	109014
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.0	18.9	28.3

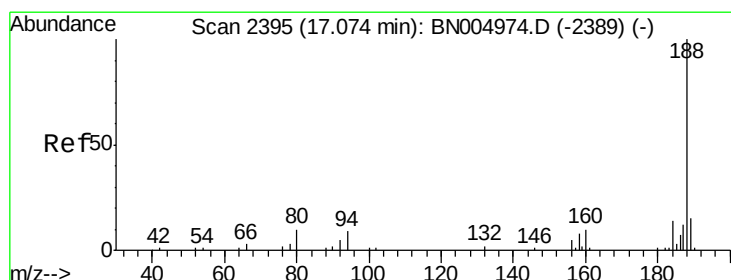
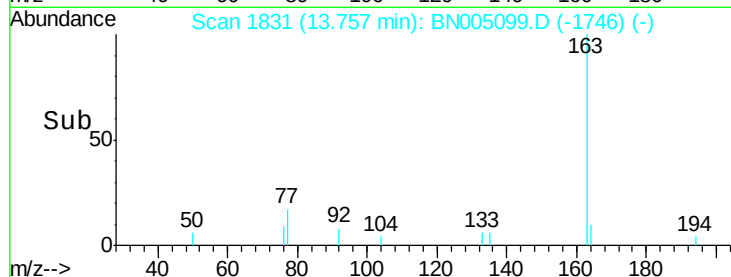
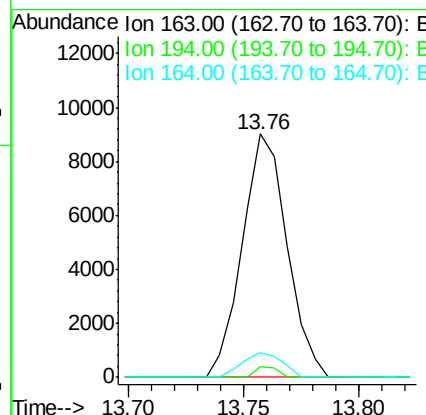
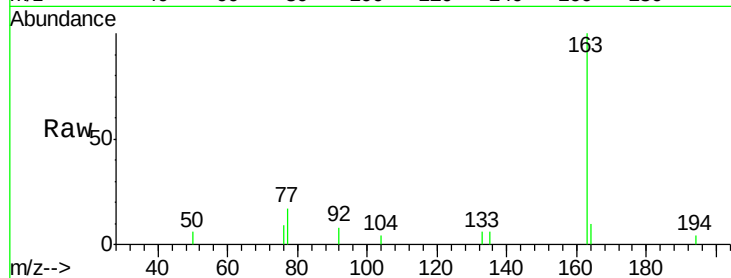




#50
Dimethylphthalate
Concen: 6.877 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

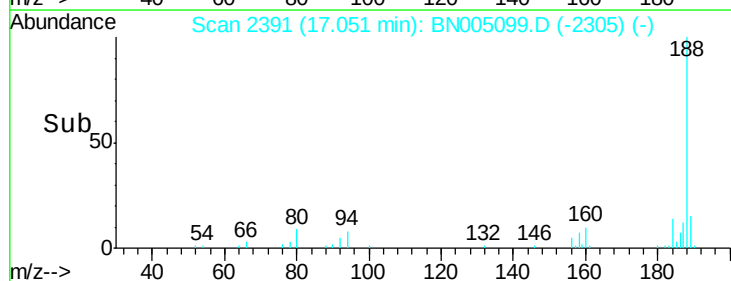
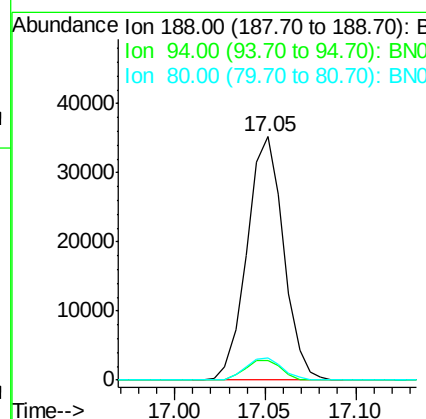
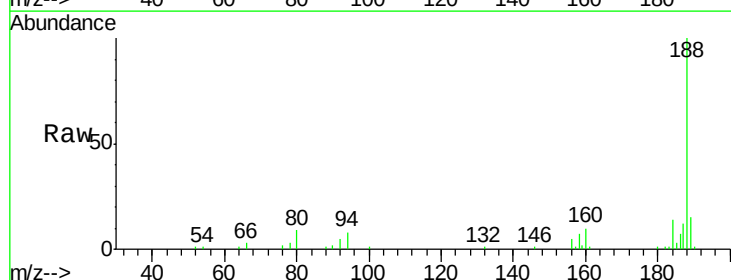
Instrument :
BNA_N
ClientSampleId :
TP-1D

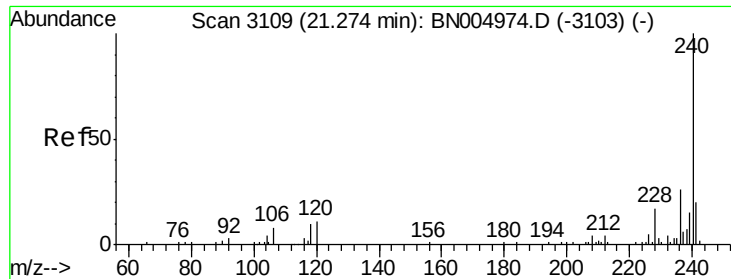
Tgt Ion:163 Resp: 12229
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Tgt Ion:188 Resp: 49187
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 7.8 11.6

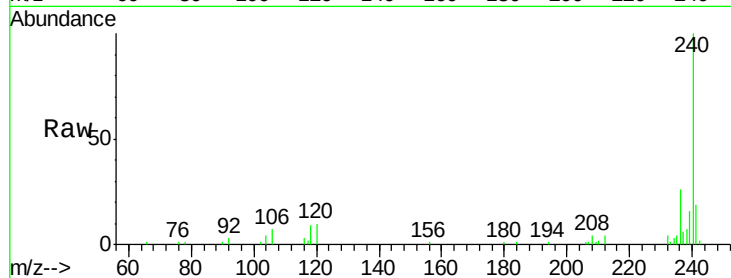




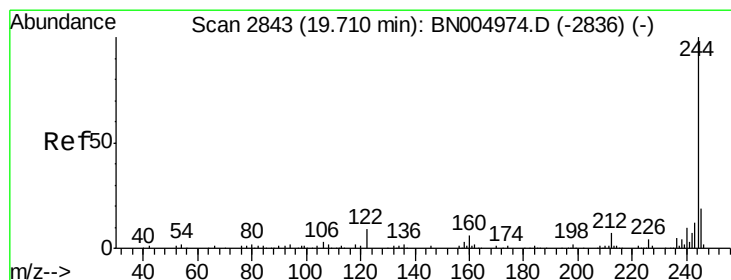
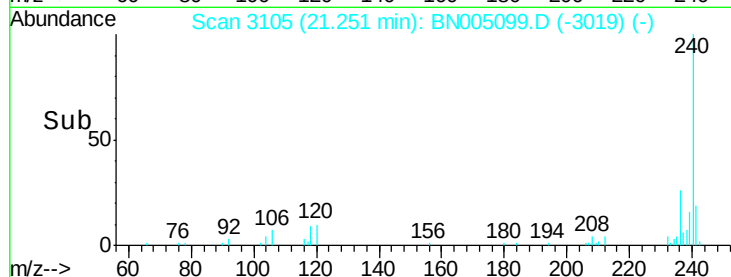
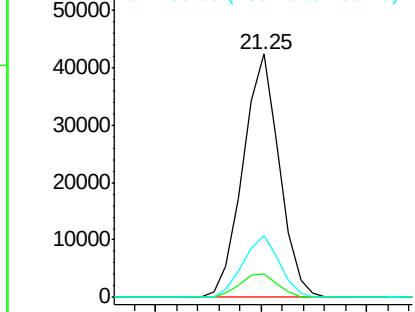
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Instrument :
BNA_N
ClientSampled :
TP-1D

Tgt Ion:240 Resp: 50683
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.6 21.2 31.8

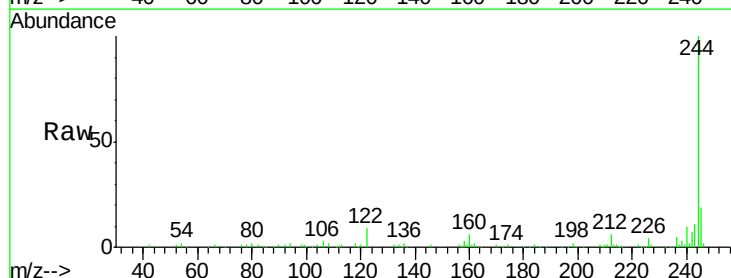


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

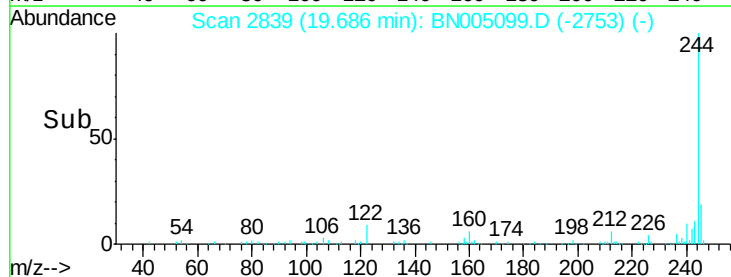
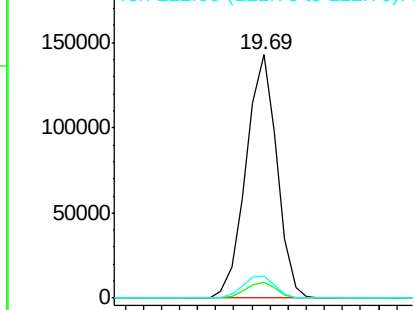


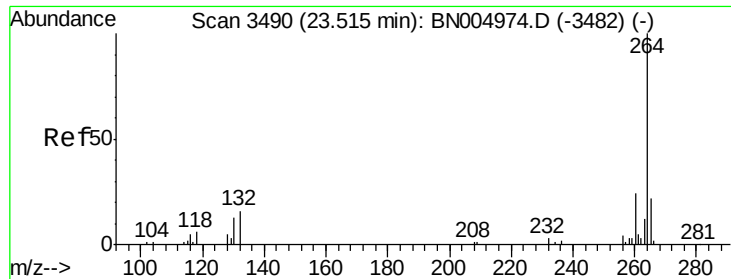
#79
Terphenyl-d14
Concen: 64.201 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Tgt Ion:244 Resp: 169011
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.2 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

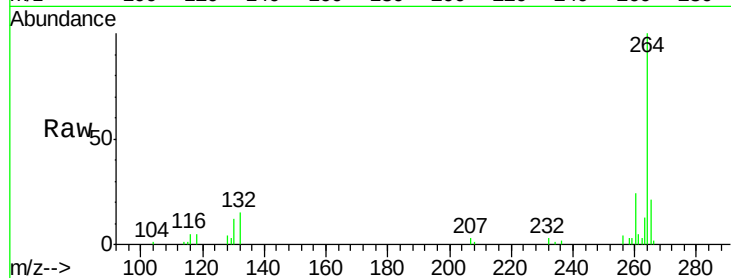




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BN005099.D
Acq: 04 Apr 2019 18:42

Instrument :
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ClientSampleId :
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Tgt Ion:	264	Resp:	47306
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.1	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

