

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000742.D
 Acq On : 18 Apr 2018 16:47
 Operator : JU/SJ
 Sample : PB108302BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB108302BL

Quant Time: Apr 19 16:51:19 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	159379	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	651179	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	322458	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	617379	20.00	ng	0.00
75) Chrysene-d12	21.22	240	470132	20.00	ng	0.00
86) Perylene-d12	23.40	264	448837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1368367	127.54	ng	0.00
7) Phenol-d6	6.82	99	1783176	121.96	ng	0.00
23) Nitrobenzene-d5	8.78	82	1048741	83.96	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	417086	128.48	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	2020806	86.51	ng	0.00
78) Terphenyl-d14	19.66	244	1981263	90.87	ng	0.00

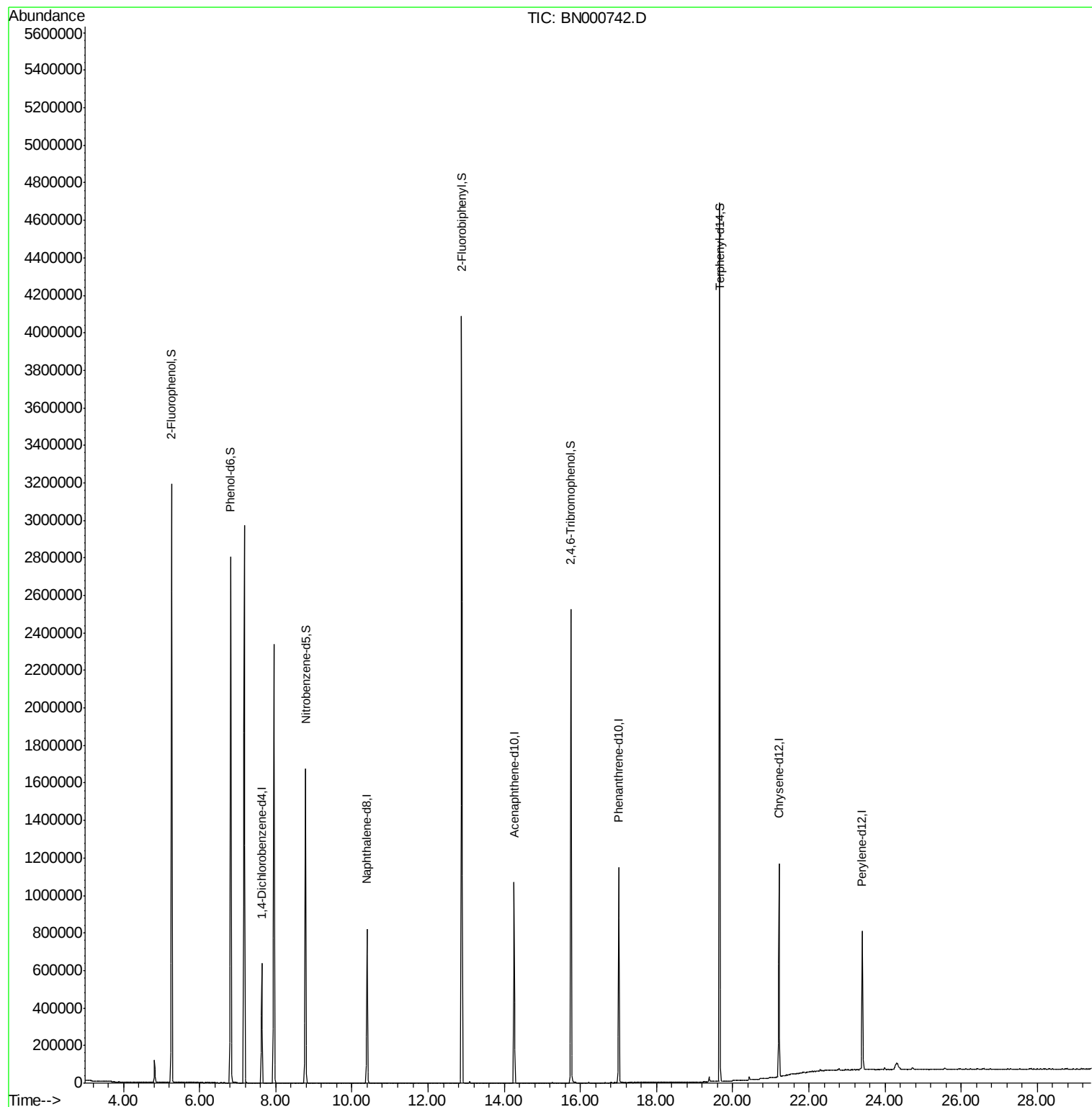
Target Compounds Qvalue

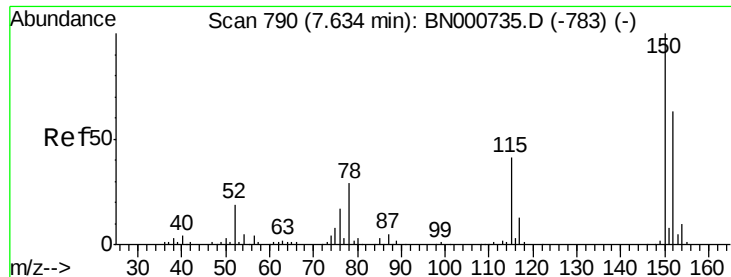
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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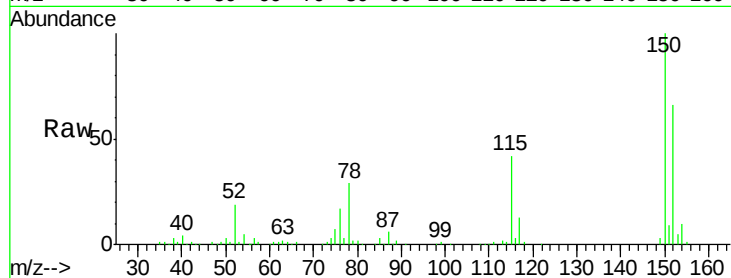


#1

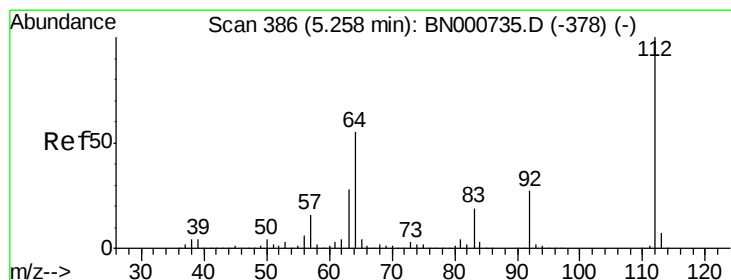
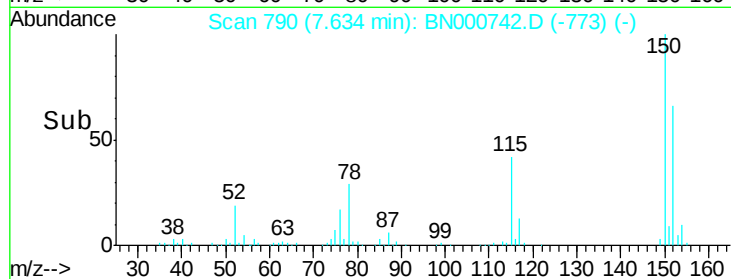
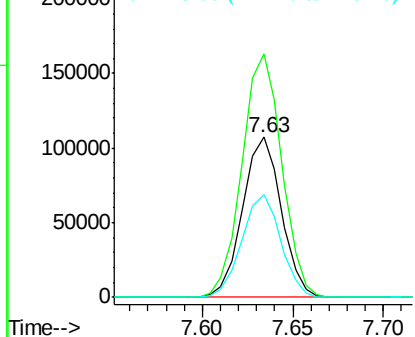
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BN000742.D
Acq: 18 Apr 2018 16:47

Instrument :
BNA_N
ClientSampleId :
PB108302BL

Tot Ion:152 Resp: 159379
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 64.1 53.0 79.4



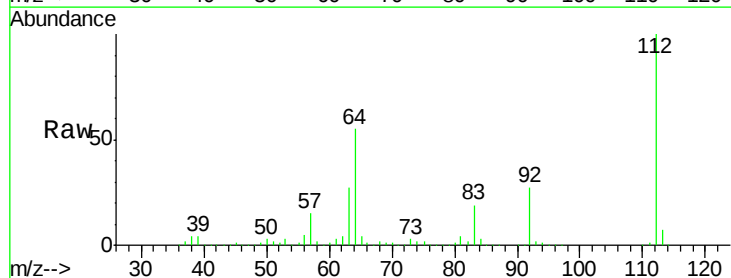
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



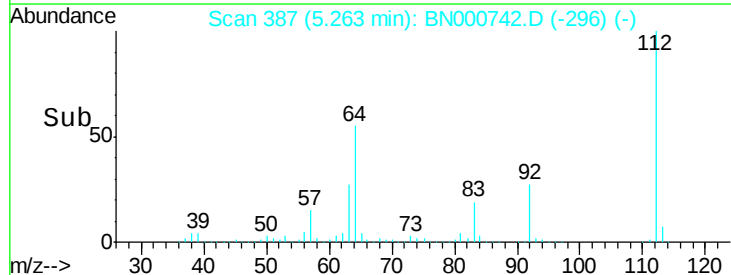
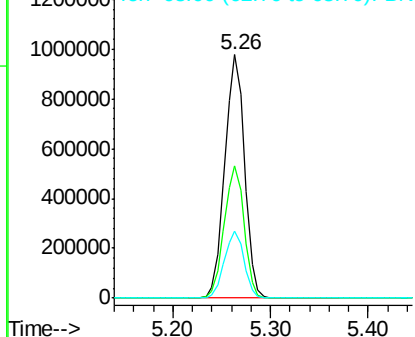
#5

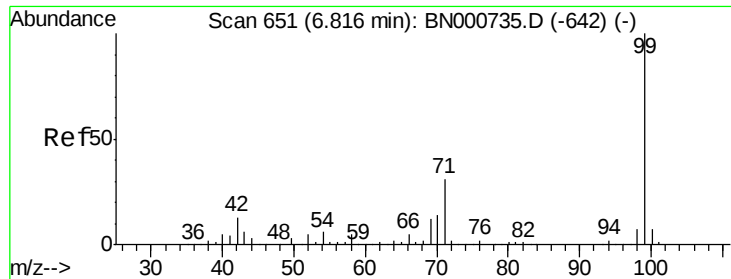
2-Fluorophenol
Concen: 127.538 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.01 min
Lab File: BN000742.D
Acq: 18 Apr 2018 16:47

Tgt Ion:112 Resp: 1368367
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 27.3 30.1 45.1#



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: 121.961 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BN000742.D

Acq: 18 Apr 2018 16:47

Instrument :

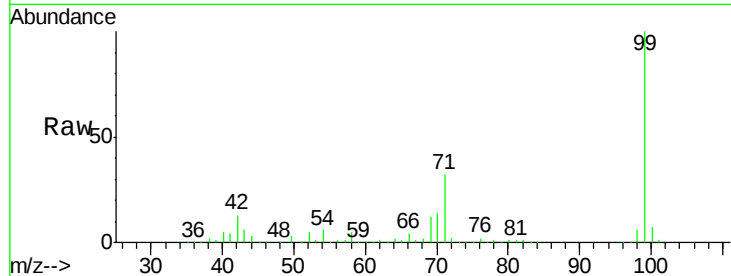
BNA_N

ClientSampleId :

PB108302BL

Tot Ion: 99 Resp: 1783176

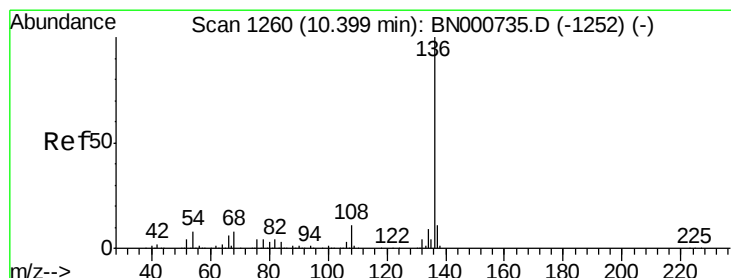
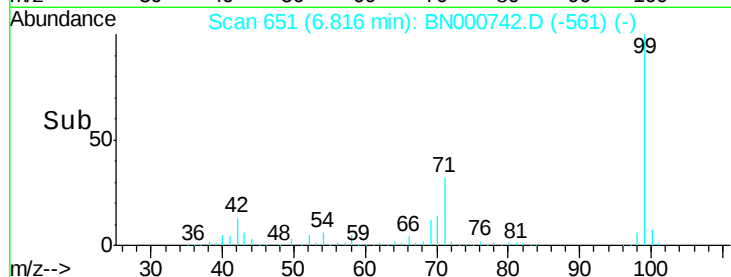
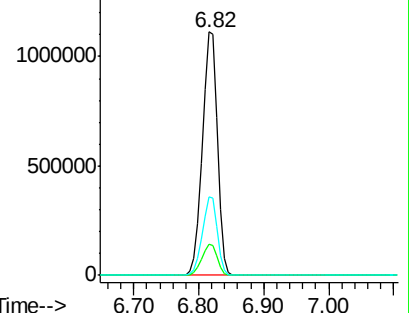
Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	32.1	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000735.D (-642) (-)

Ion 42.00 (41.70 to 42.70): BN000735.D (-642) (-)

Ion 71.00 (70.70 to 71.70): BN000735.D (-642) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

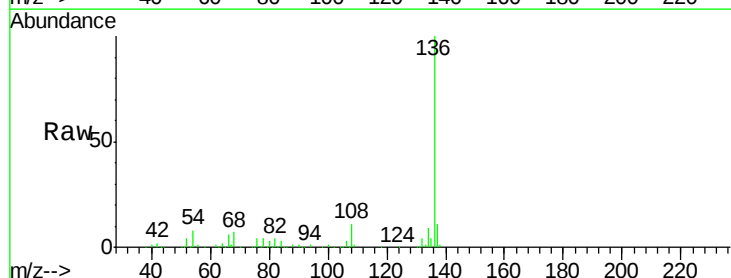
Delta R.T. -0.00 min

Lab File: BN000742.D

Acq: 18 Apr 2018 16:47

Tgt Ion: 136 Resp: 651179

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	10.3	15.5#
68	7.4	4.5	6.7#

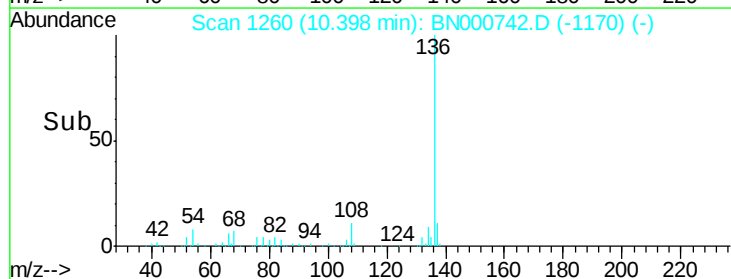
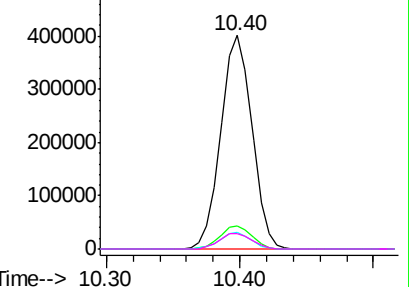


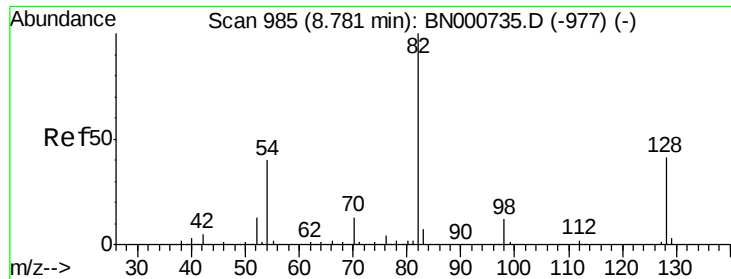
Abundance Ion 136.00 (135.70 to 136.70): BN000735.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BN000735.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BN000735.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BN000735.D (-1252) (-)

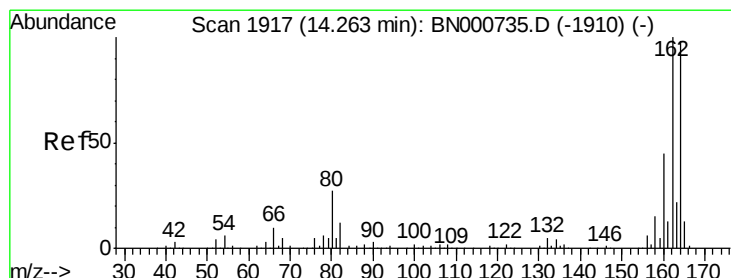
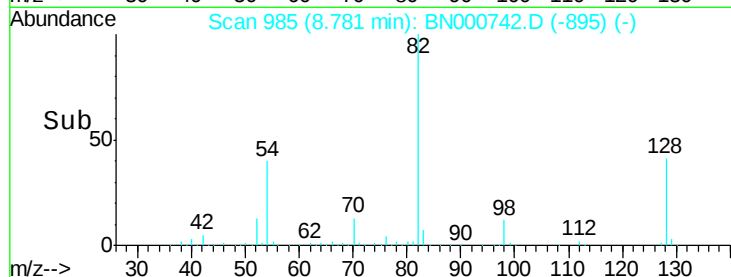
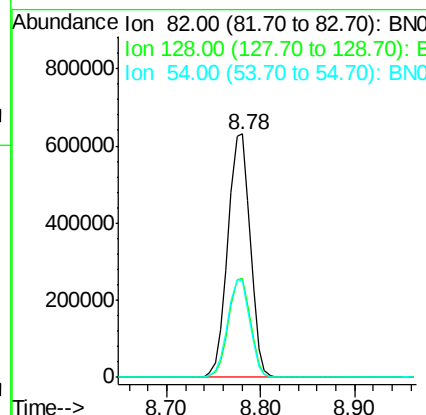
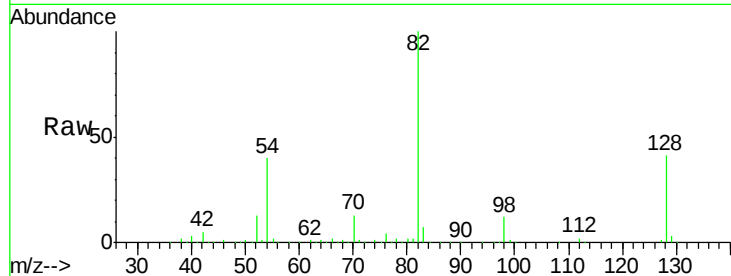




#23
 Nitrobenzene-d5
 Concen: 83.957 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BN000742.D
 Acq: 18 Apr 2018 16:47

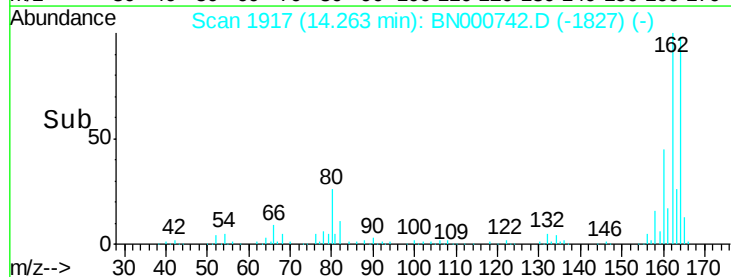
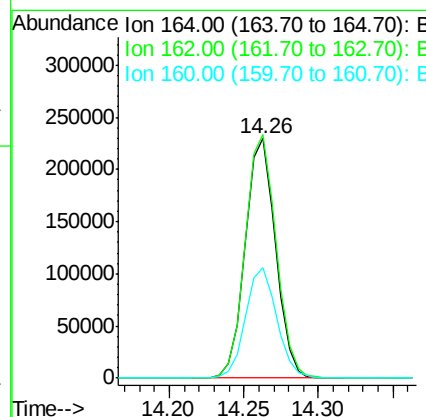
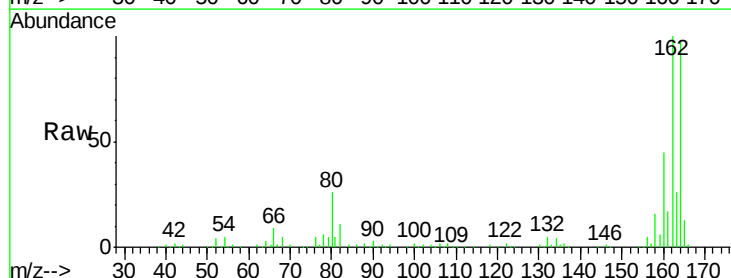
Instrument :
 BNA_N
 ClientSampleId :
 PB108302BL

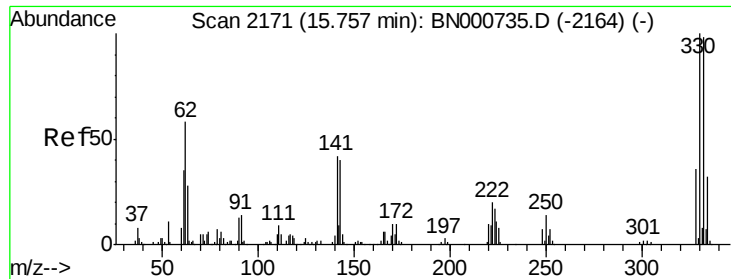
Tot Ion: 82 Resp: 1048741
 Ion Ratio Lower Upper
 82 100
 128 40.8 29.7 44.5
 54 39.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BN000742.D
 Acq: 18 Apr 2018 16:47

Tgt Ion: 164 Resp: 322458
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 45.9 35.4 53.0

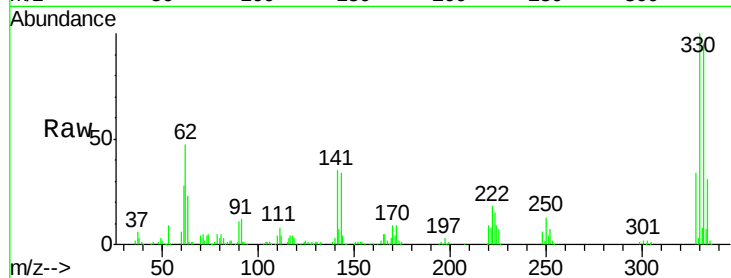




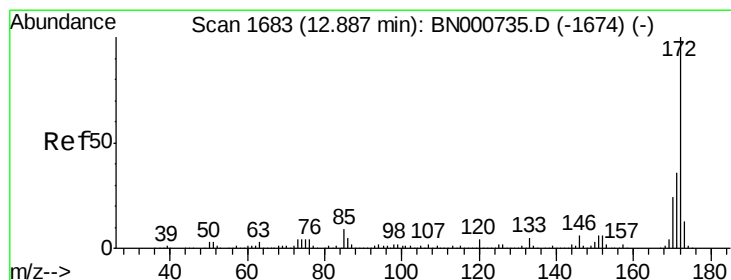
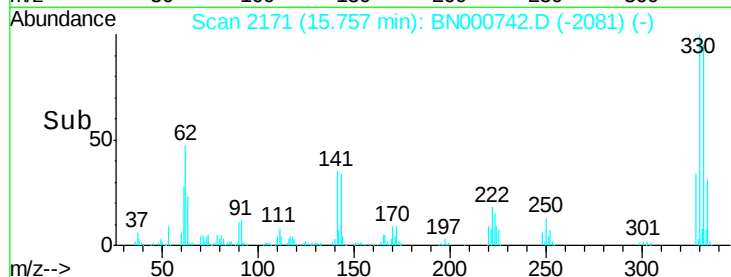
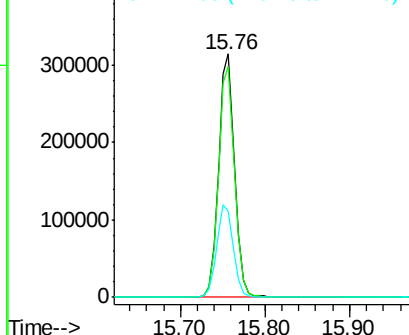
#41
 2,4,6-Tribromophenol
 Concen: 128.484 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN000742.D
 Acq: 18 Apr 2018 16:47

Instrument :
 BNA_N
 ClientSampleId :
 PB108302BL

Tot Ion:330 Resp: 417086
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.9 25.2 37.8#

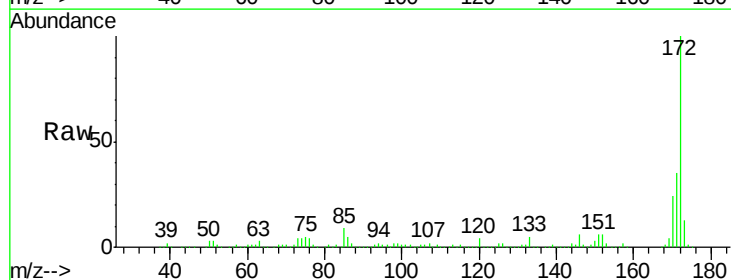


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

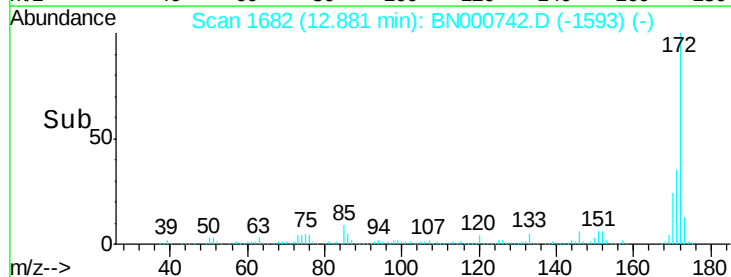
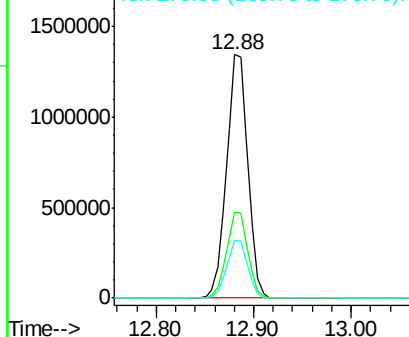


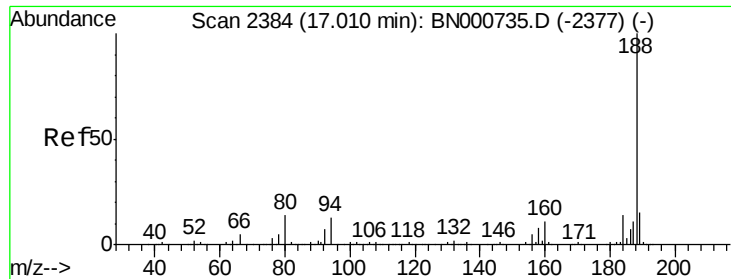
#44
 2-Fluorobiphenyl
 Concen: 86.512 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000742.D
 Acq: 18 Apr 2018 16:47

Tgt Ion:172 Resp: 2020806
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.7 19.5 29.3



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

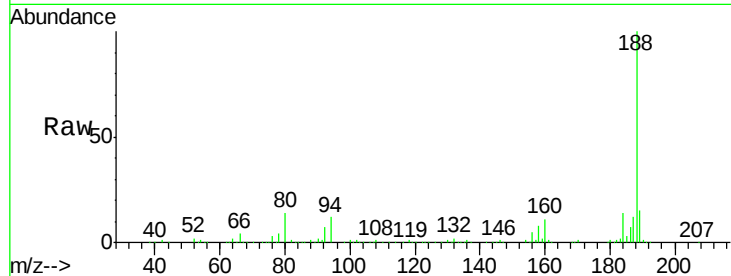




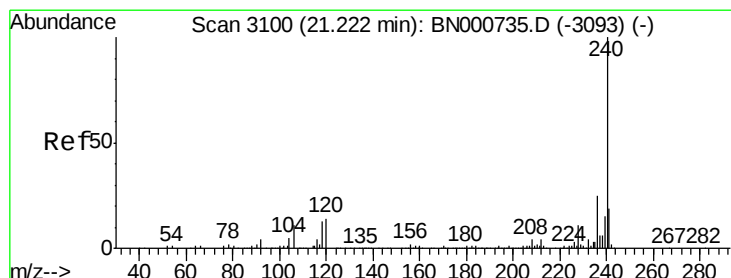
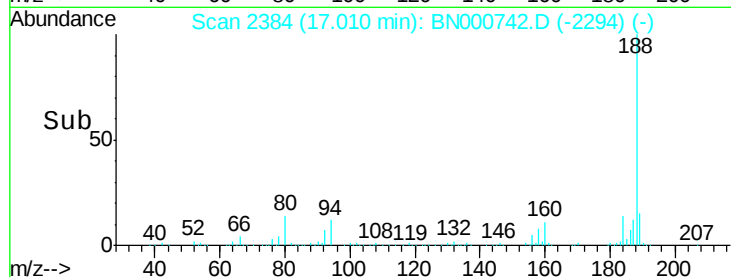
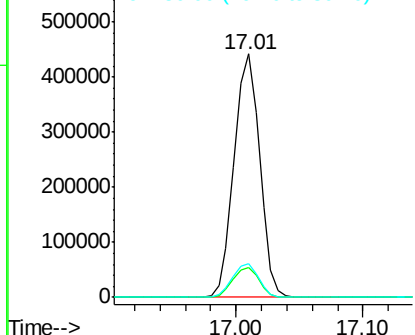
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN000742.D
Acq: 18 Apr 2018 16:47

Instrument :
BNA_N
ClientSampleId :
PB108302BL

Tot Ion:188 Resp: 617379
Ion Ratio Lower Upper
188 100
94 12.1 6.9 10.3#
80 13.8 7.7 11.5#

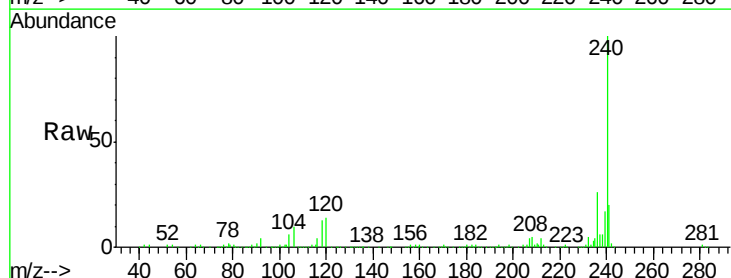


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

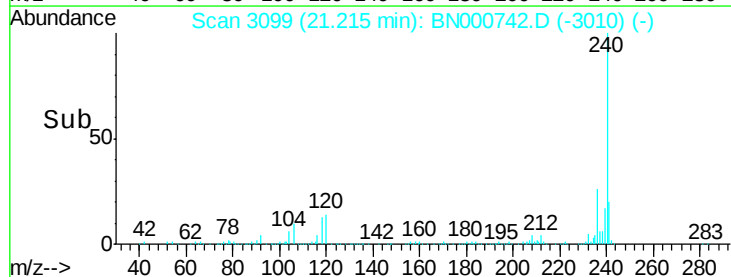
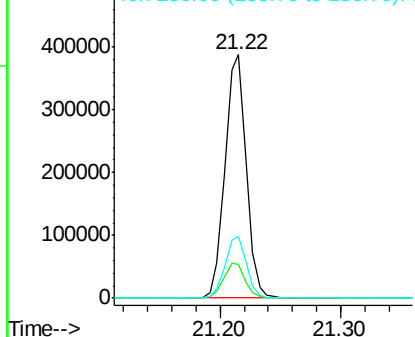


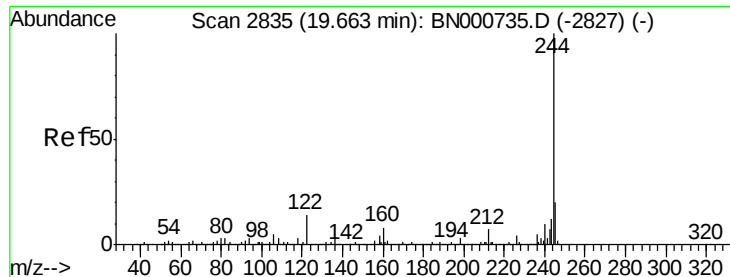
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN000742.D
Acq: 18 Apr 2018 16:47

Tgt Ion:240 Resp: 470132
Ion Ratio Lower Upper
240 100
120 14.0 6.8 10.2#
236 25.5 20.9 31.3



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





#78

Terphenyl-d14

Concen: 90.865 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BN000742.D

Acq: 18 Apr 2018 16:47

Instrument :

BNA_N

ClientSampleId :

PB108302BL

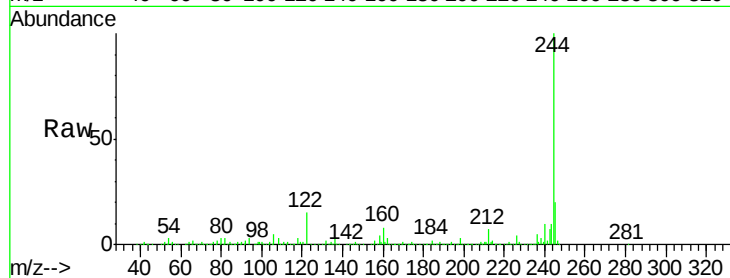
Tot Ion:244 Resp: 1981263

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

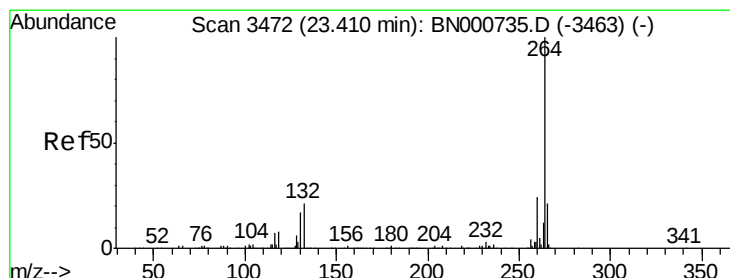
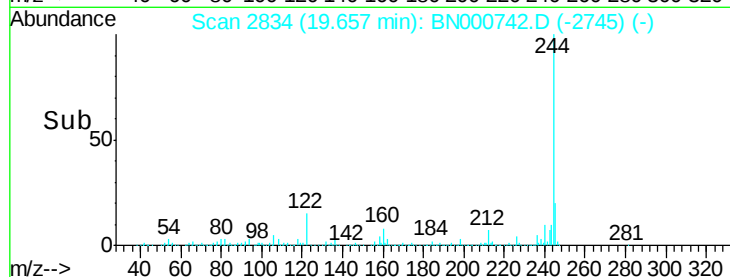
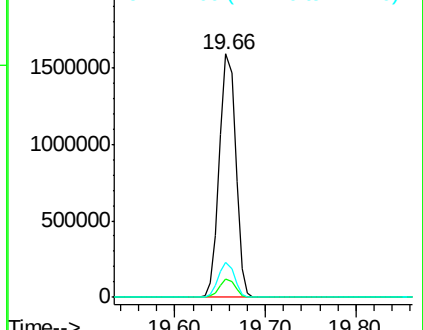
122 14.5 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BN000742.D

Acq: 18 Apr 2018 16:47

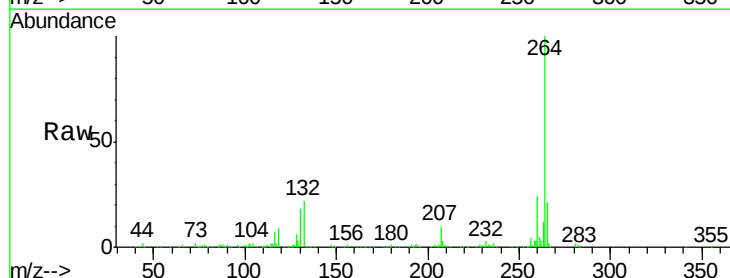
Tgt Ion:264 Resp: 448837

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.4 17.7 26.5



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

