

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002152.D
 Acq On : 26 Jul 2018 00:47
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111180BL

Quant Time: Jul 26 16:20:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	244612	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	948005	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	506128	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1029715	20.00	ng	0.00
75) Chrysene-d12	21.27	240	816977	20.00	ng	0.00
86) Perylene-d12	23.49	264	742003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1897709	124.90	ng	0.00
7) Phenol-d6	6.88	99	2477822	116.21	ng	0.00
23) Nitrobenzene-d5	8.84	82	1540920	83.36	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	768332	116.90	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3274356	84.26	ng	0.00
78) Terphenyl-d14	19.71	244	3643232	93.01	ng	0.00

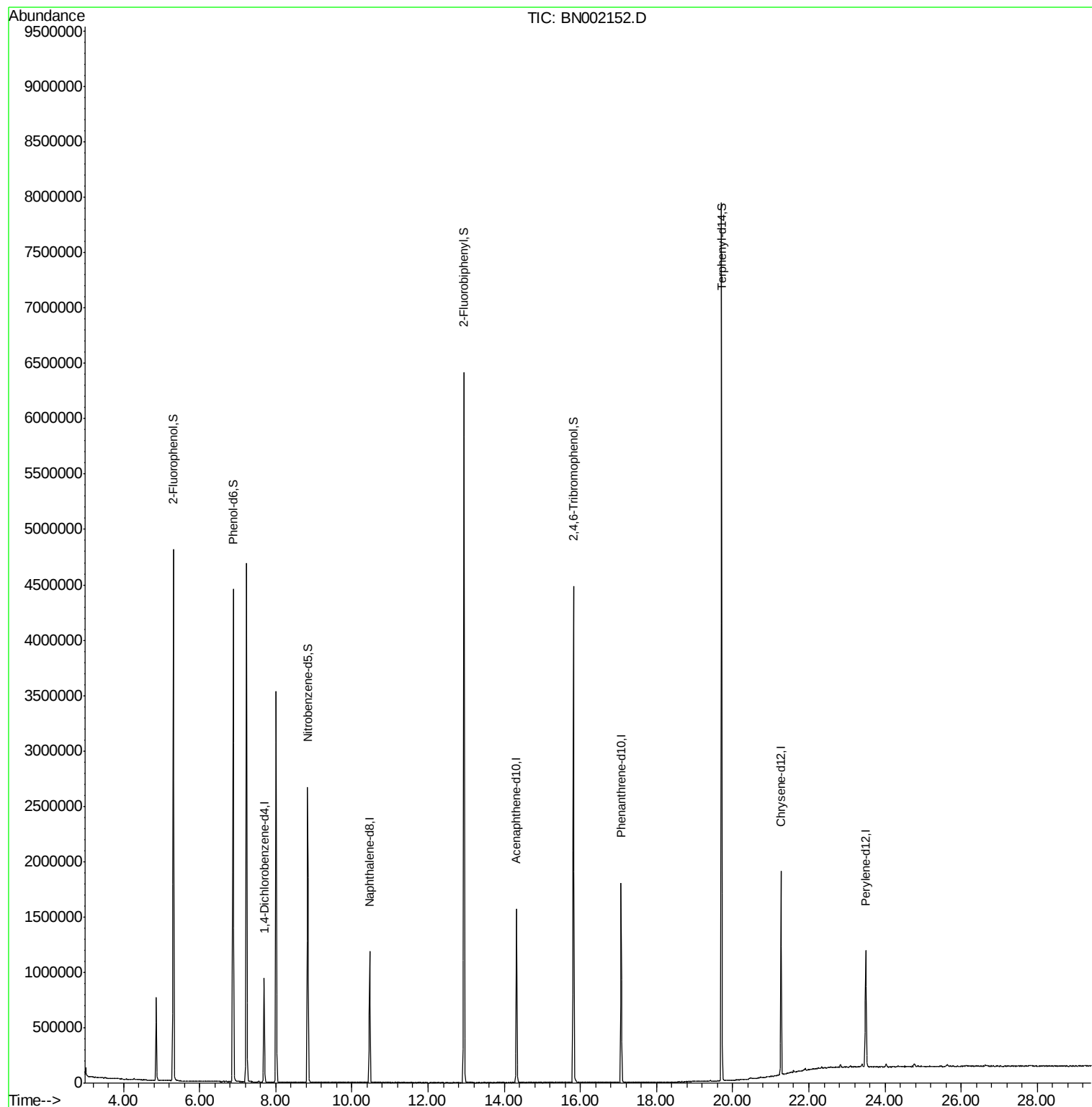
Target Compounds Qvalue

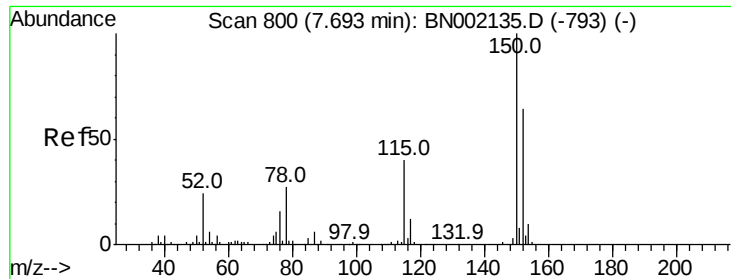
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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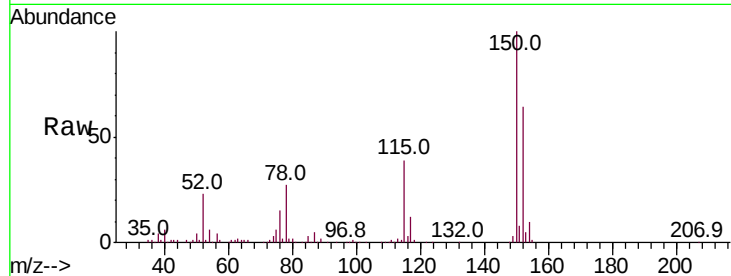


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampleId :
PB111180BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	61.1	53.0	79.4

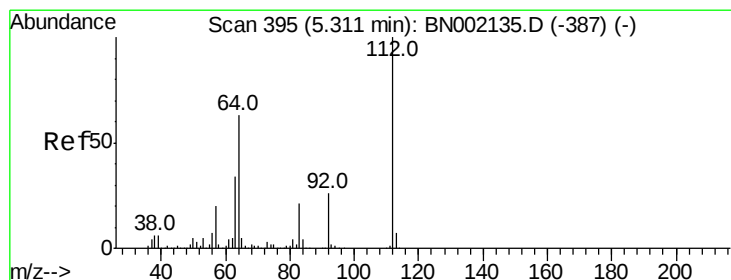
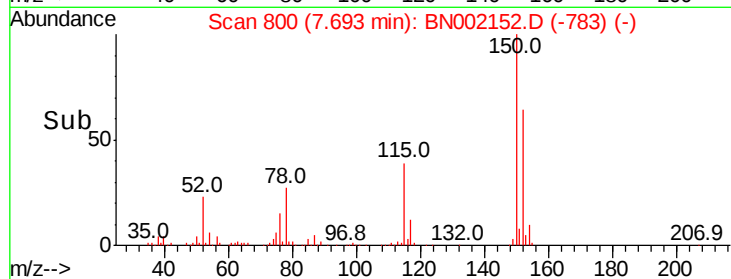
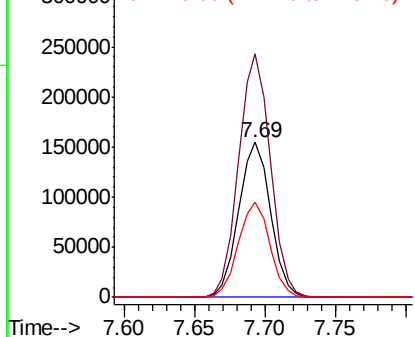


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

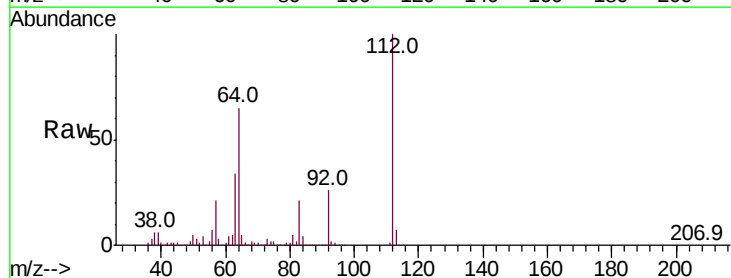
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.899 ng
RT: 5.31 min Scan# 395
Delta R.T. 0.00 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	34.4	30.1	45.1

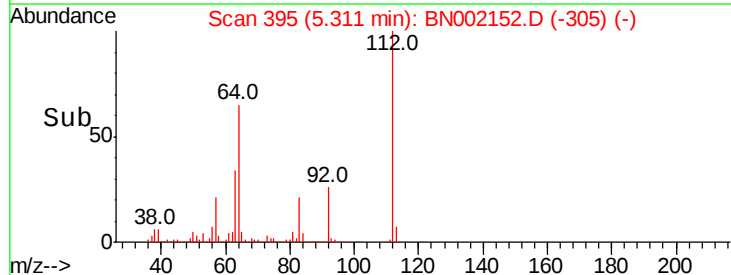
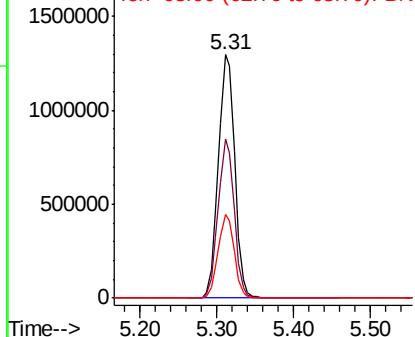


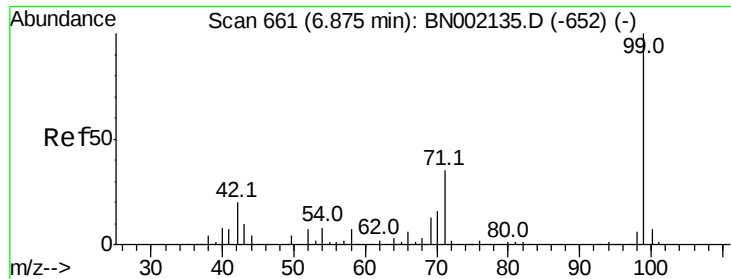
Abundance

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: 116.210 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

PB111180BL

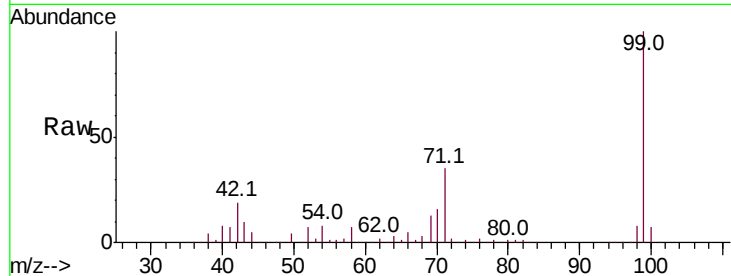
Tot Ion: 99 Resp: 2477822

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

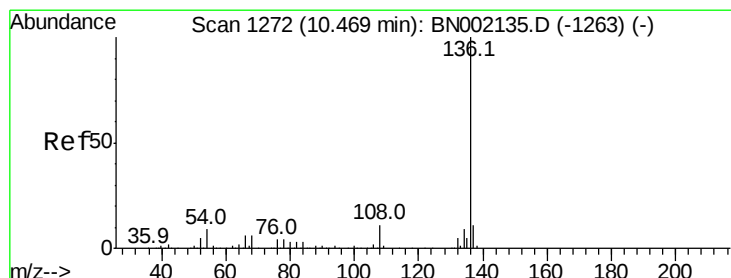
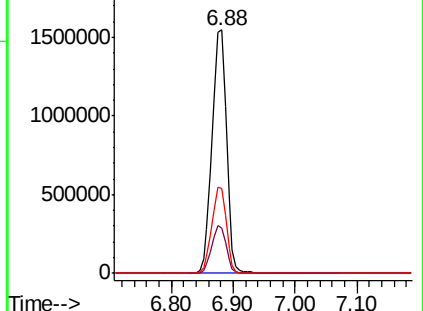
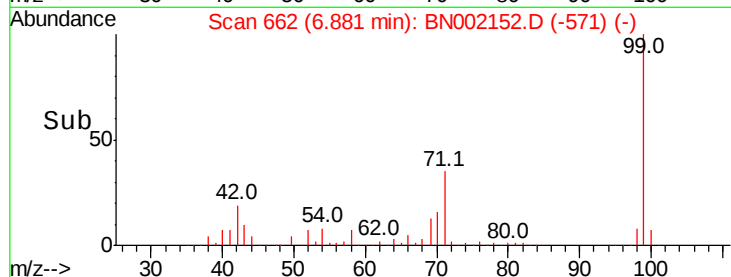
71 35.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN002135.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BN002135.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BN002135.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Tgt Ion:136 Resp: 948005

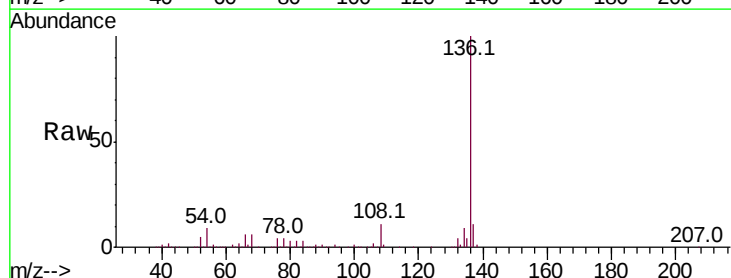
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.3 10.3 15.5#

68 6.1 4.5 6.7

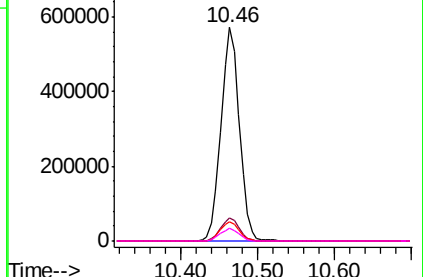
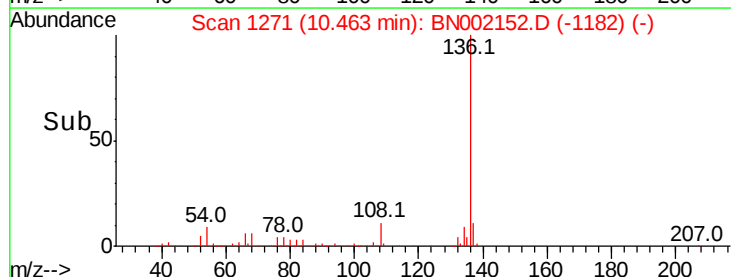


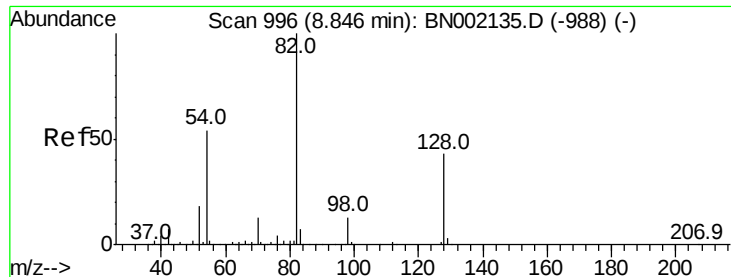
Abundance Ion 136.00 (135.70 to 136.70): BN002135.D (-1263) (-)

Ion 137.00 (136.70 to 137.70): BN002135.D (-1263) (-)

Ion 54.00 (53.70 to 54.70): BN002135.D (-1263) (-)

Ion 68.00 (67.70 to 68.70): BN002135.D (-1263) (-)





#23

Nitrobenzene-d5

Concen: 83.357 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

PB111180BL

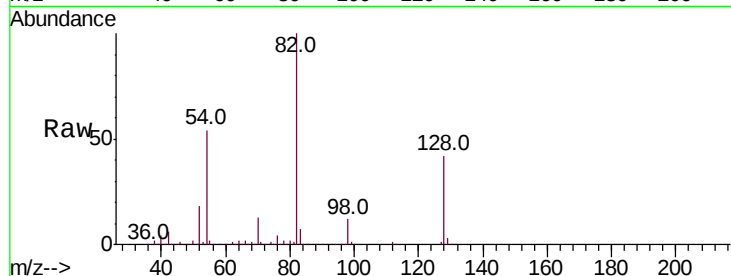
Tot Ion: 82 Resp: 1540920

Ion Ratio Lower Upper

82 100

128 42.4 29.7 44.5

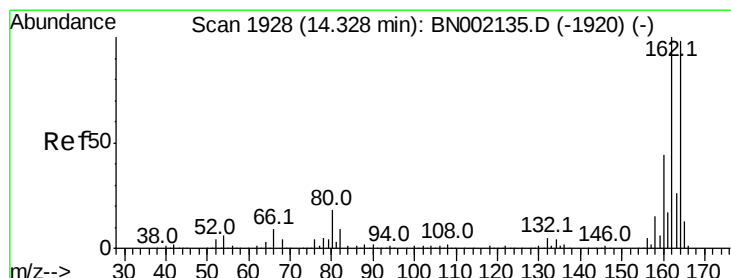
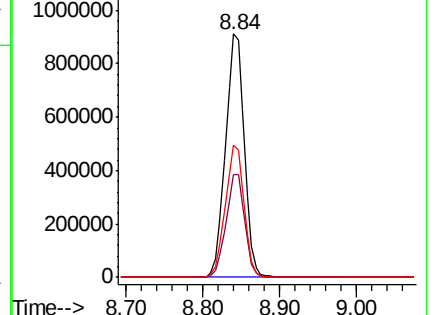
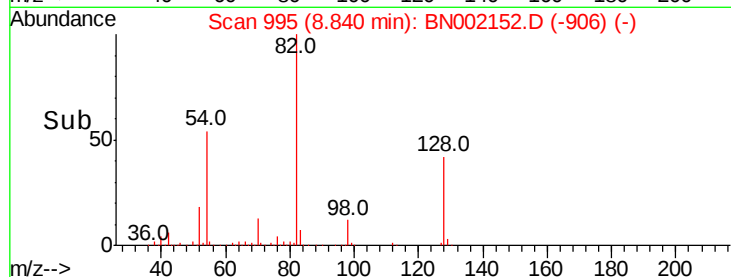
54 54.3 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

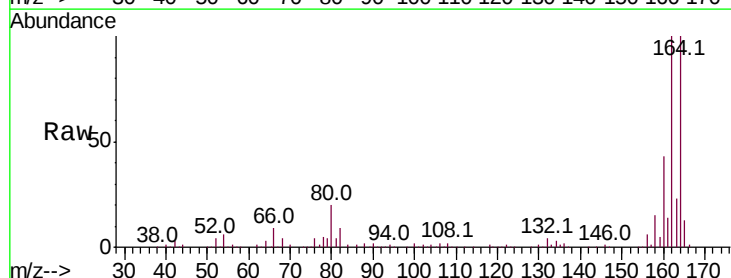
Tgt Ion:164 Resp: 506128

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

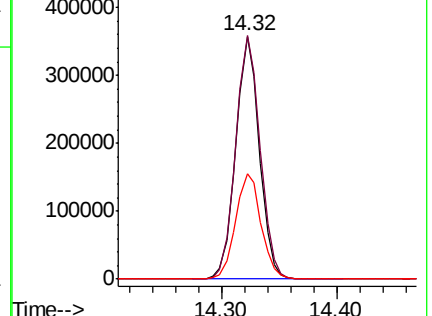
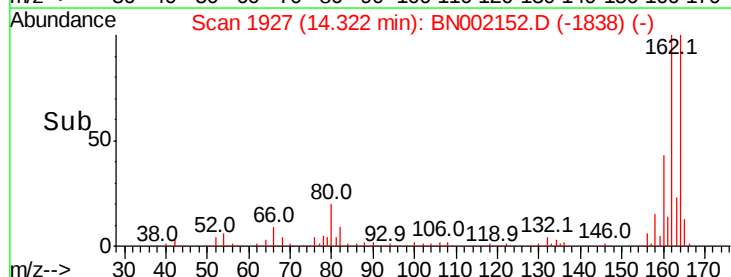
160 43.3 35.4 53.0

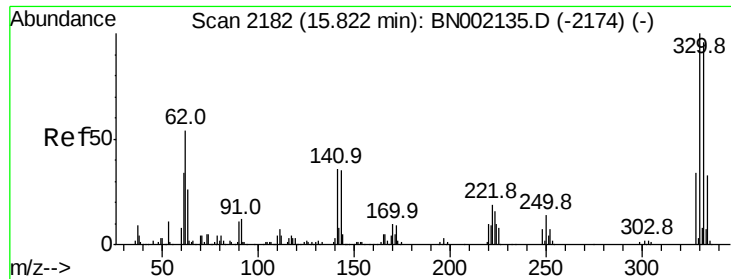


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

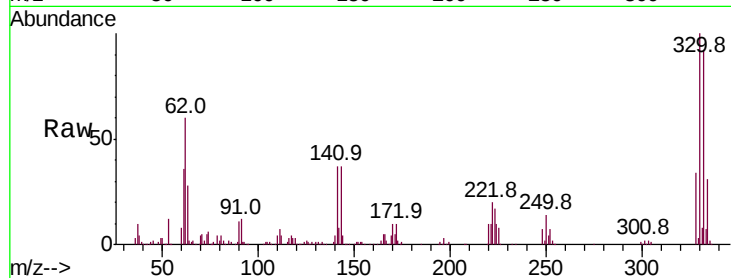




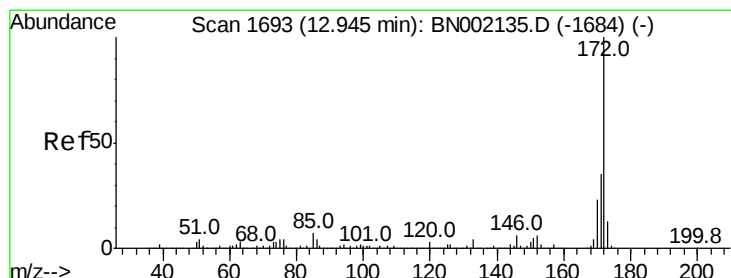
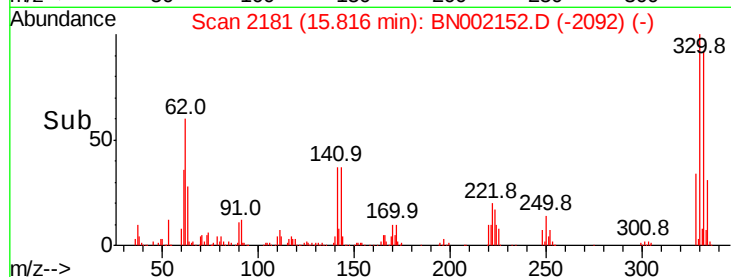
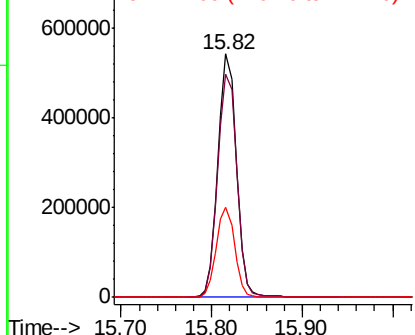
#41
 2,4,6-Tribromophenol
 Concen: 116.905 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Instrument :
 BNA_N
 ClientSampleId :
 PB111180BL

Tot Ion:330 Resp: 768332
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.1 25.2 37.8

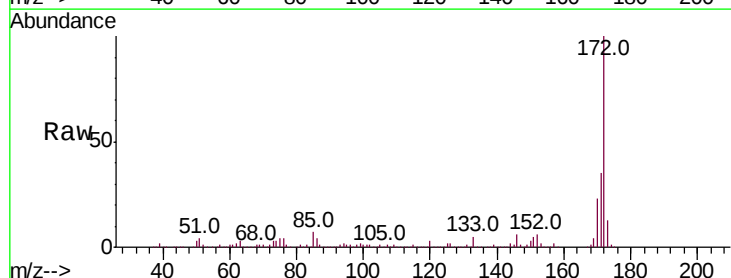


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

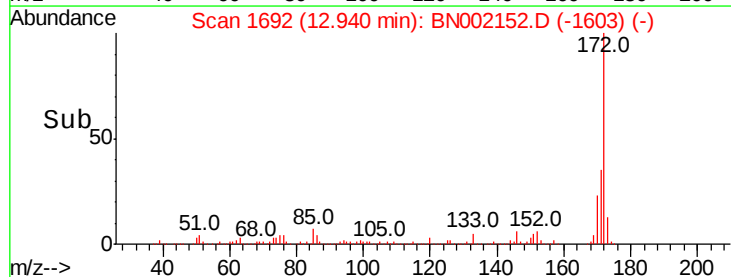
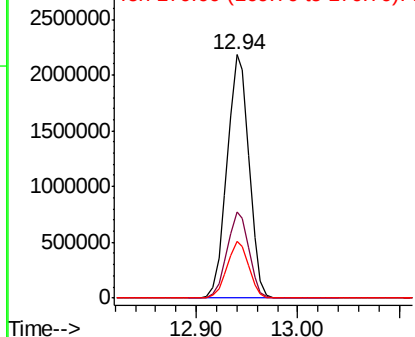


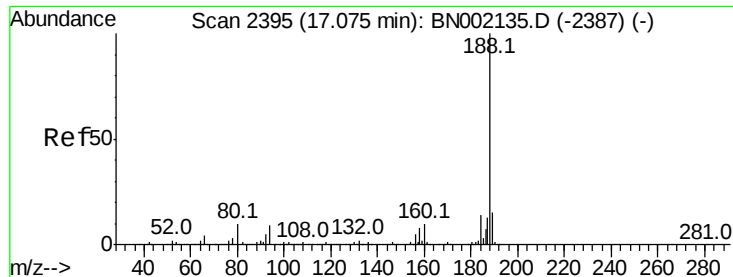
#44
 2-Fluorobiphenyl
 Concen: 84.265 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Tgt Ion:172 Resp: 3274356
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.4 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

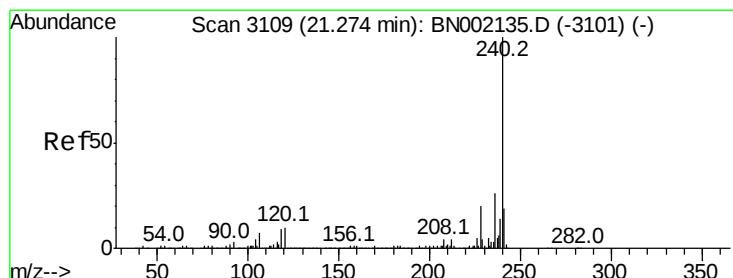
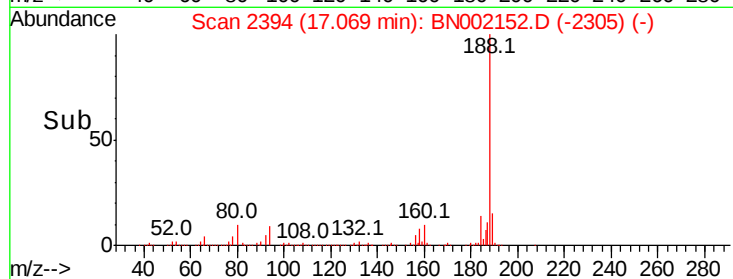
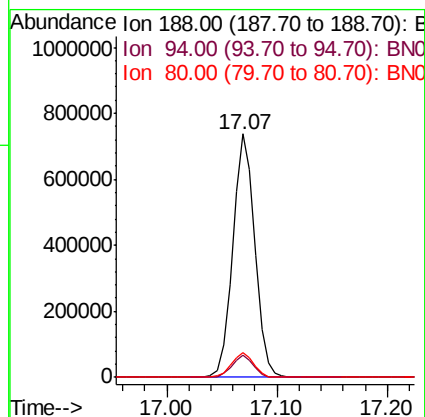
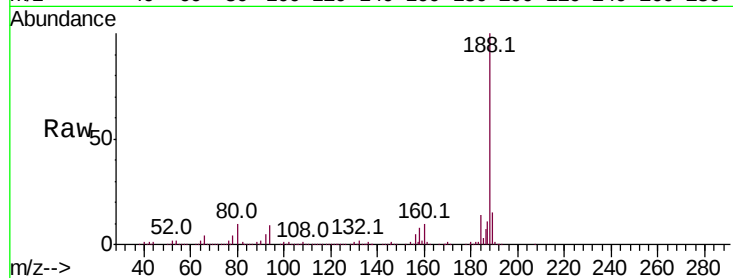




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

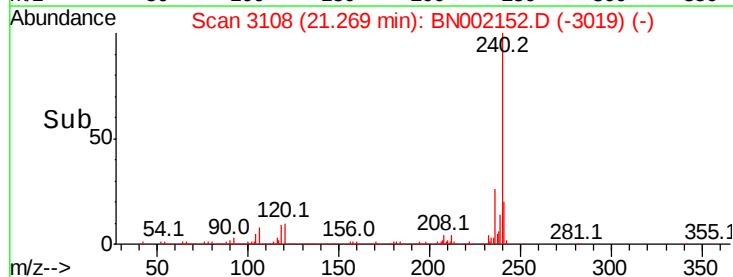
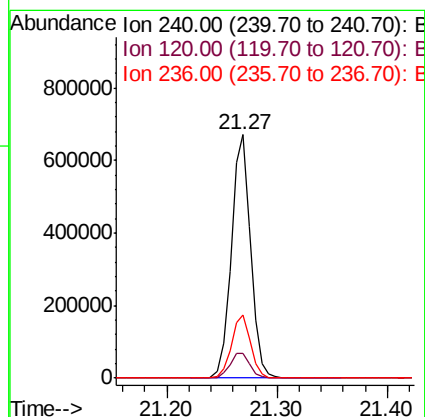
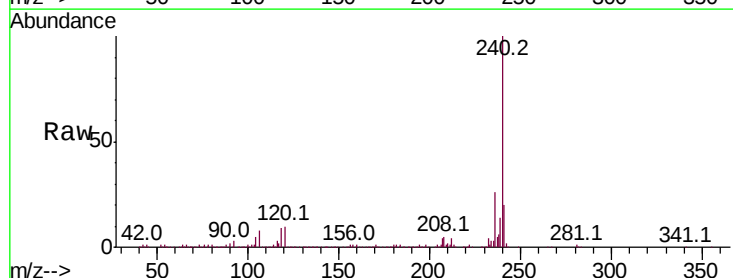
Instrument :
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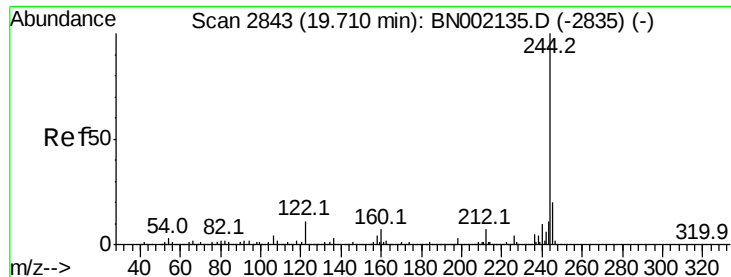
Tot Ion:188 Resp: 1029715
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion:240 Resp: 816977
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 93.007 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

PB111180BL

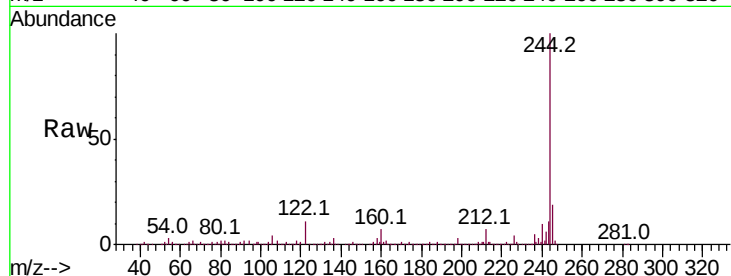
Tot Ion:244 Resp: 3643232

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

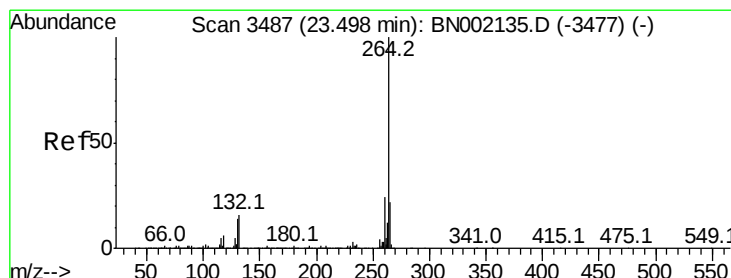
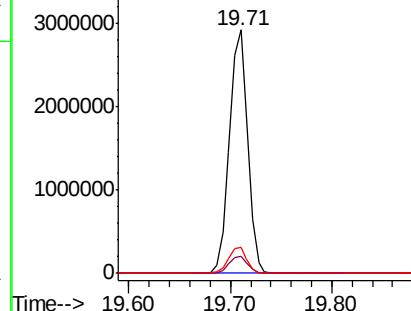
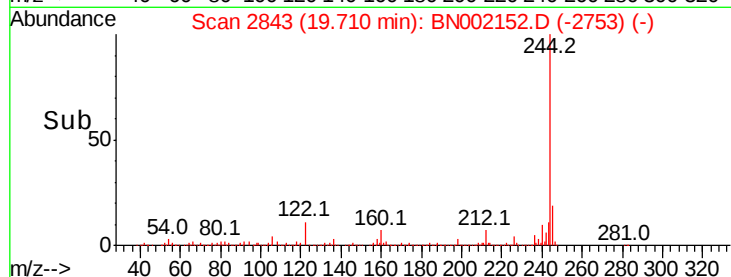
122 10.6 7.0 10.4#



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: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

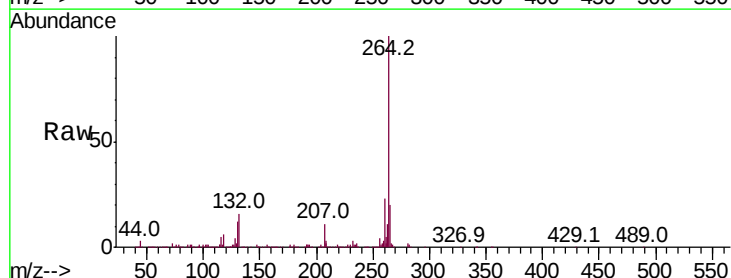
Tgt Ion:264 Resp: 742003

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.5 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

