

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005067.D
 Acq On : 03 Apr 2019 18:53
 Operator : JU/SJ
 Sample : PB118575BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118575BL

Quant Time: Apr 04 04:44:29 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	9500	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	38773	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	22244	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	49553	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	46257	20.00	ng	-0.02
87) Perylene-d12	23.49	264	43058	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	55118	100.31	ng	-0.02
7) Phenol-d6	6.83	99	70544	96.79	ng	-0.02
23) Nitrobenzene-d5	8.82	82	38892	60.68	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	35616	99.28	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	110484	65.82	ng	-0.02
79) Terphenyl-d14	19.69	244	159620	66.43	ng	-0.02

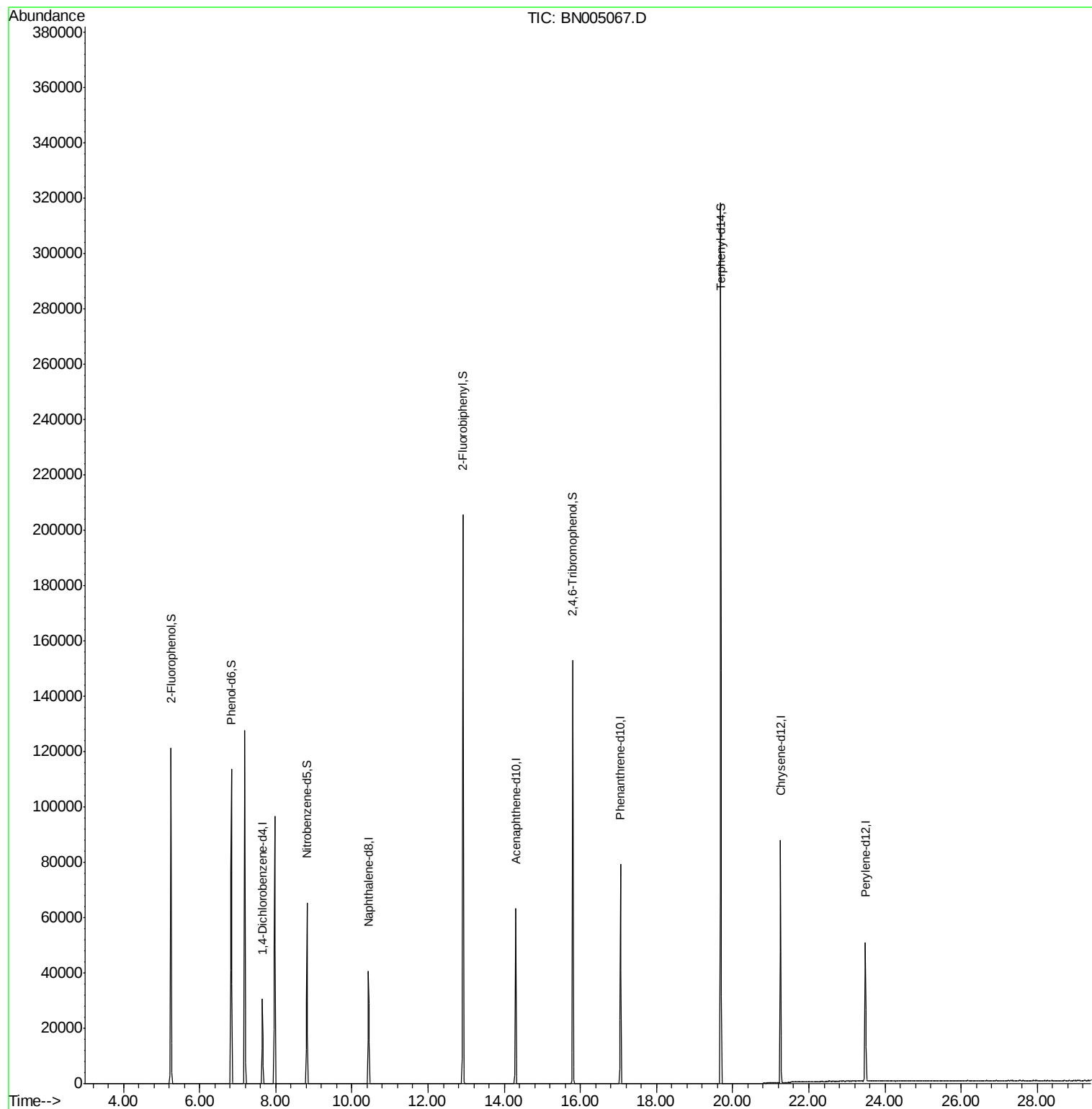
Target Compounds Qvalue

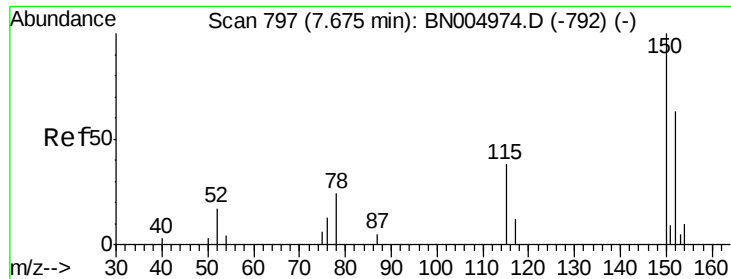
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005067.D
Acq On : 03 Apr 2019 18:53
Operator : JU/SJ
Sample : PB118575BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118575BL

Quant Time: Apr 04 04:44:29 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



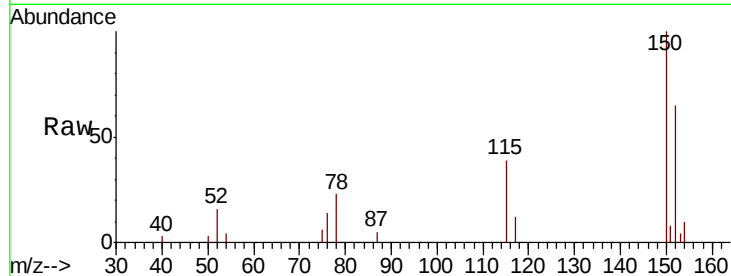


#1

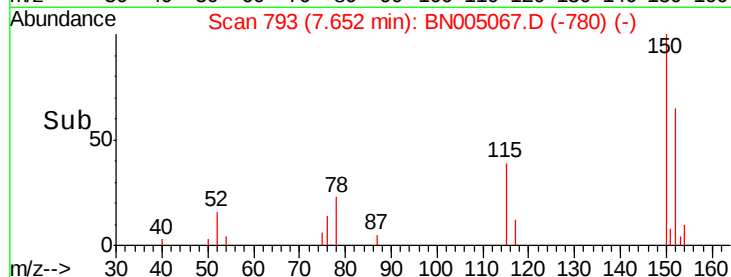
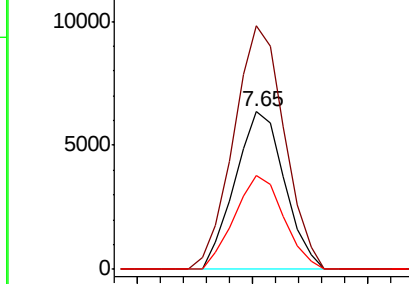
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB118575BL

Tot Ion:152 Resp: 9500
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 59.9 47.8 71.6



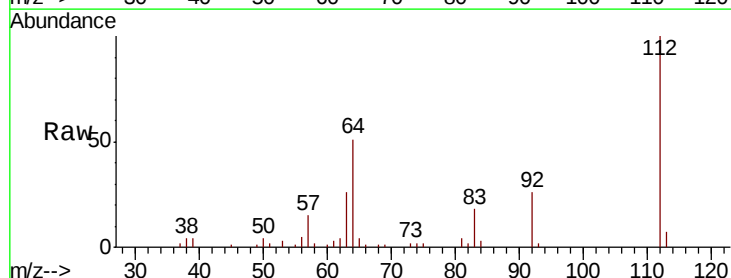
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



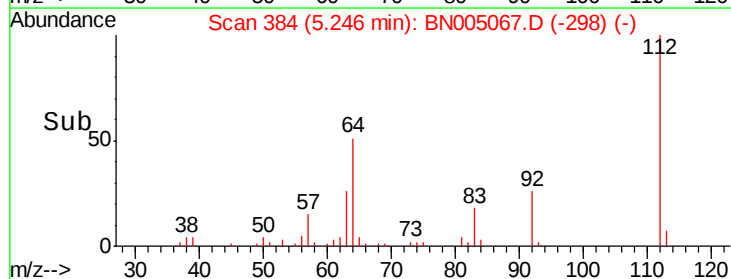
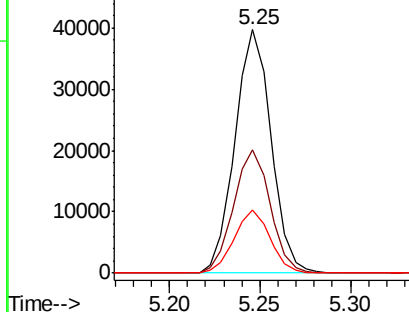
#5

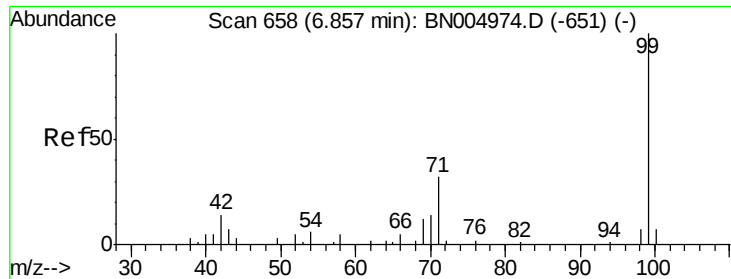
2-Fluorophenol
Concen: 100.309 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005067.D
Acq: 03 Apr 2019 18:53

Tgt Ion:112 Resp: 55118
Ion Ratio Lower Upper
112 100
64 50.8 41.9 62.9
63 26.0 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: 96.794 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB118575BL

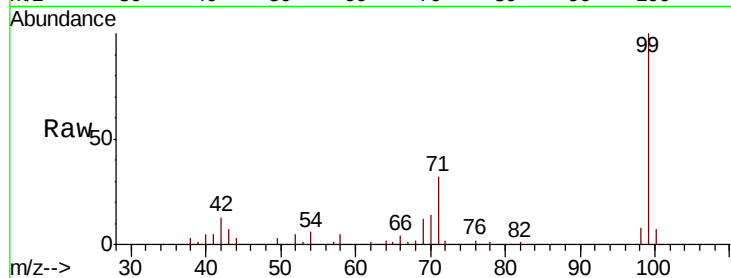
Tot Ion: 99 Resp: 70544

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

71 31.9 25.8 38.8

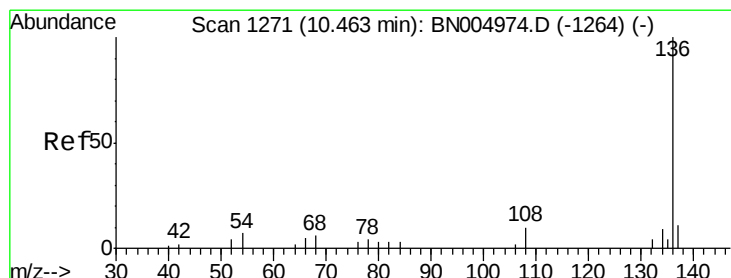
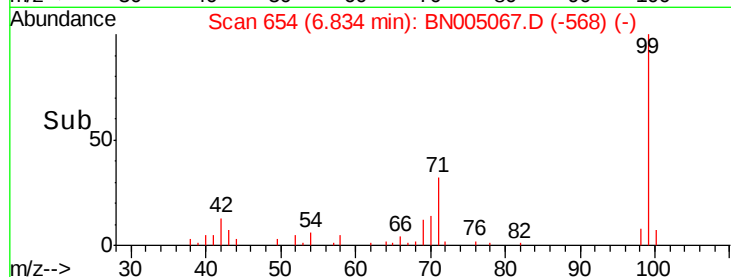
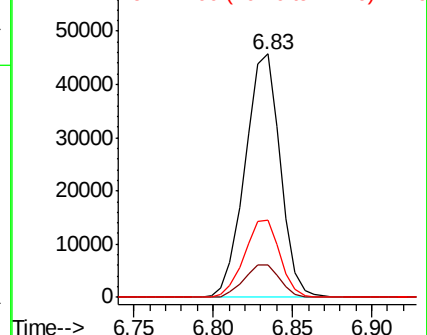


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Tgt Ion: 136 Resp: 38773

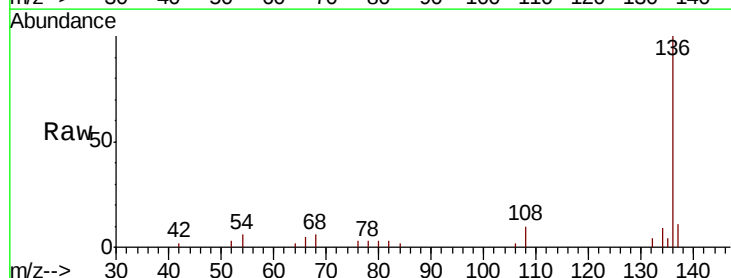
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 5.3 7.9

68 5.6 4.6 6.8



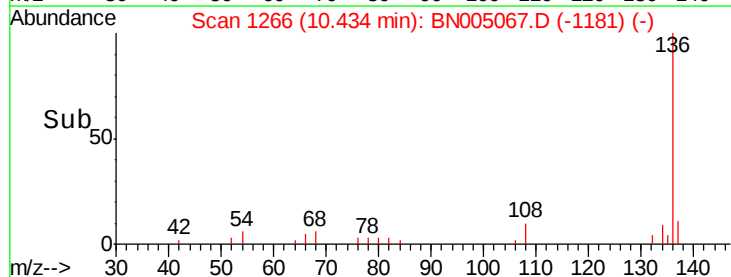
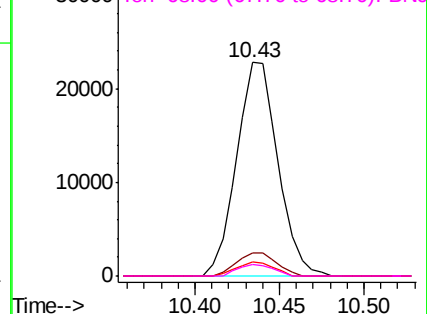
Abundance

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

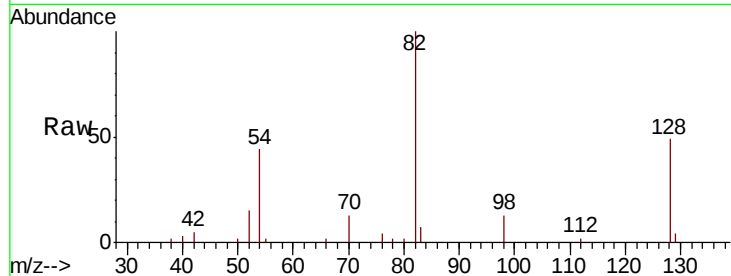




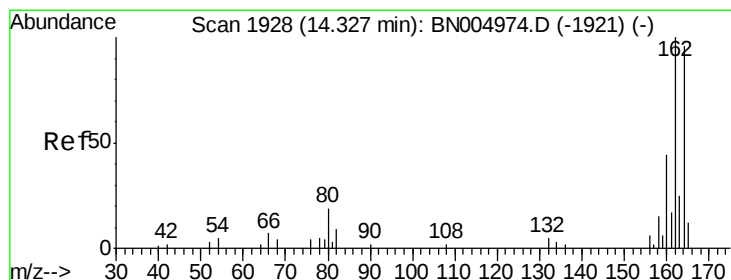
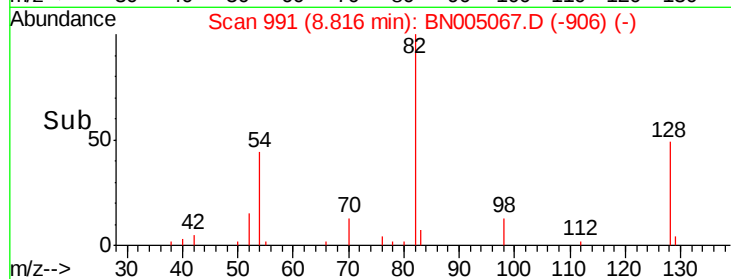
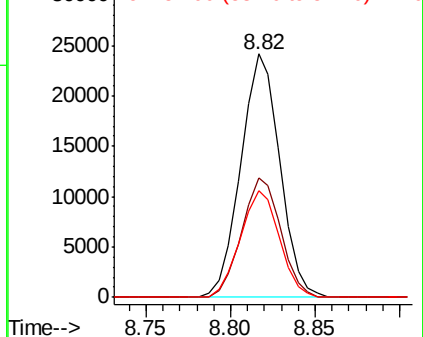
#23
 Nitrobenzene-d5
 Concen: 60.677 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118575BL

Tot Ion	82	Resp	38892
Ion Ratio	Lower	Upper	
82	100		
128	48.9	40.6	60.8
54	43.9	35.2	52.8

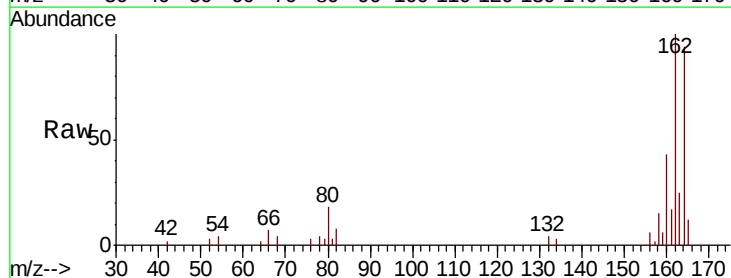


Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-988) (-)

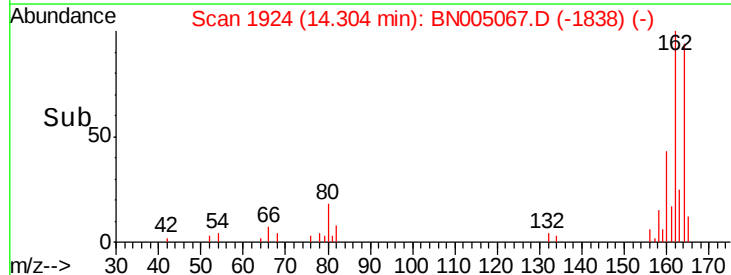
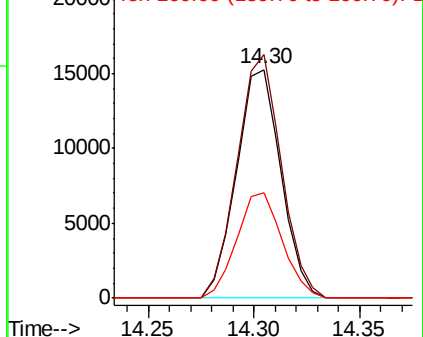


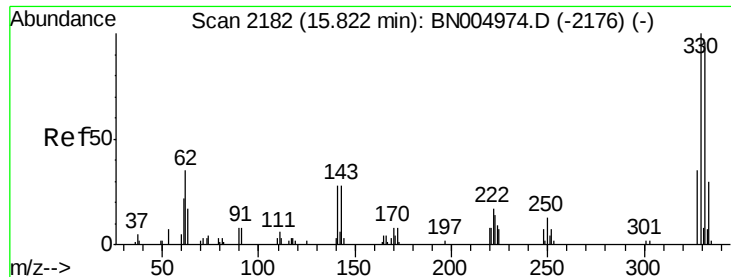
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Tgt Ion	164	Resp	22244
Ion Ratio	Lower	Upper	
164	100		
162	106.7	83.4	125.0
160	45.9	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BN004974.D (-1921) (-)

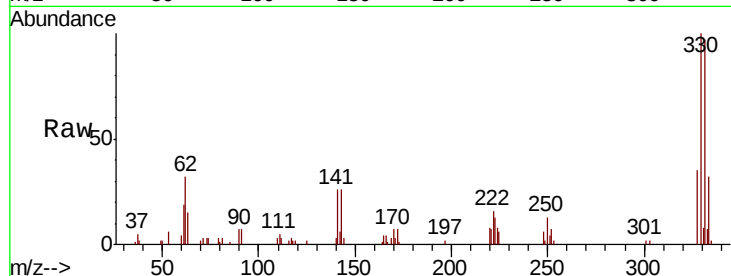




#42
 2,4,6-Tribromophenol
 Concen: 99.277 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118575BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	25.1	22.1	33.1

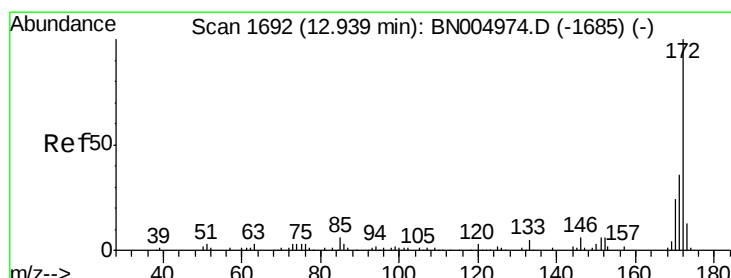
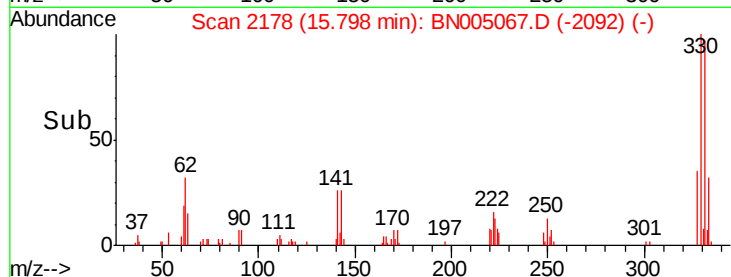
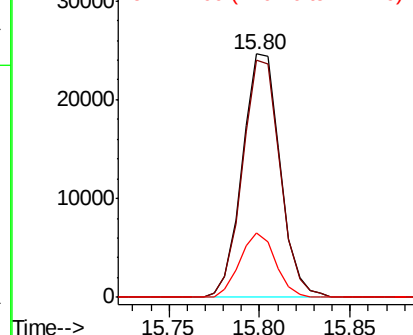


Abundance

Ion 329.80 (329.50 to 330.50): E

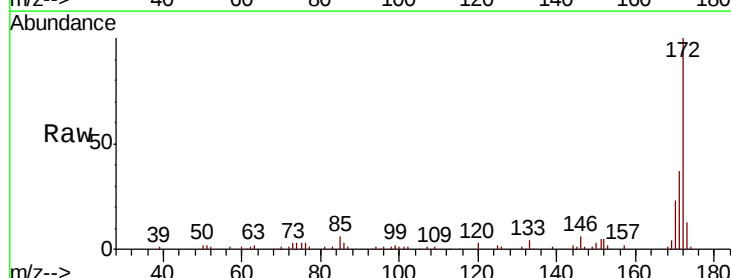
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.818 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005067.D
 Acq: 03 Apr 2019 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	23.5	18.9	28.3

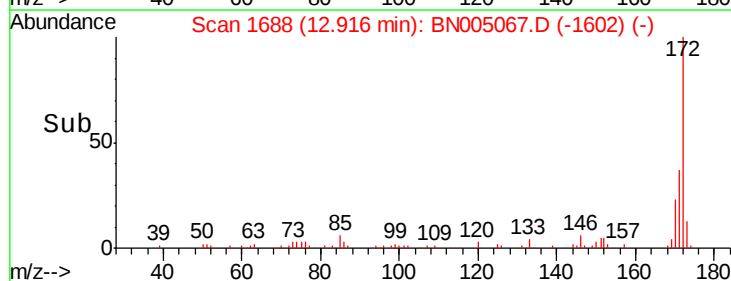
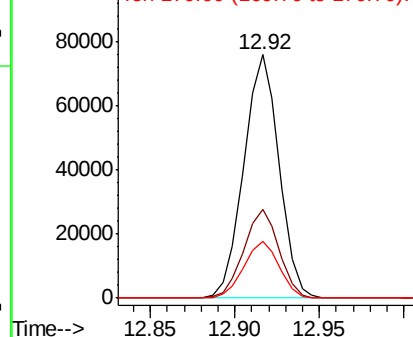


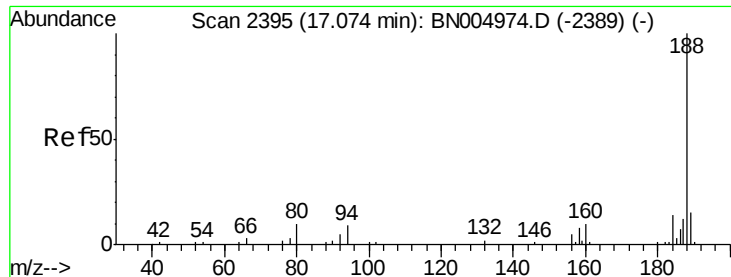
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB118575BL

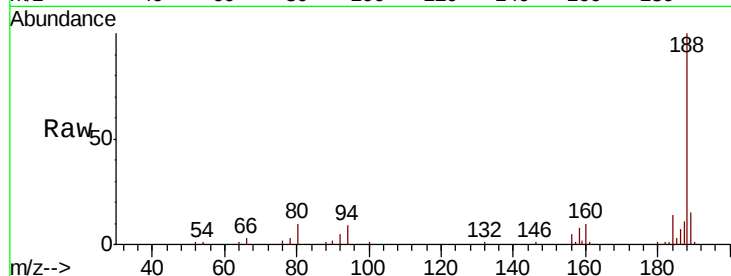
Tot Ion:188 Resp: 49553

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

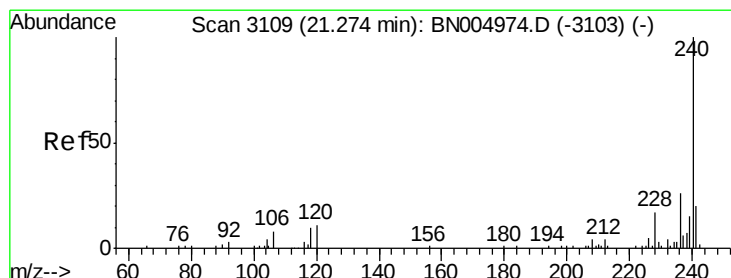
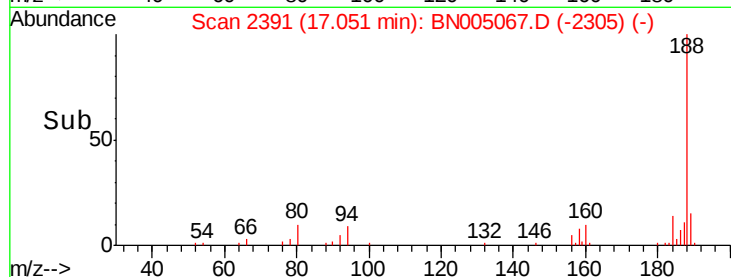
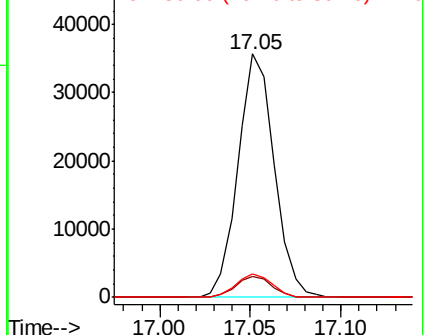
80 9.6 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

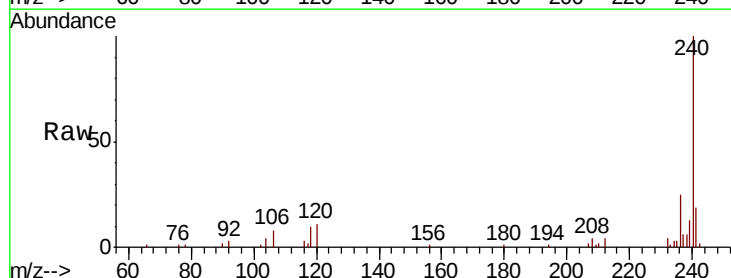
Tgt Ion:240 Resp: 46257

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

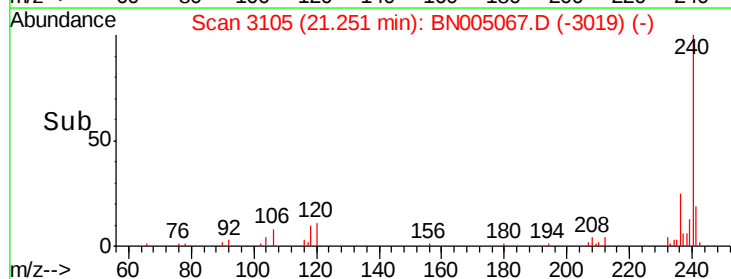
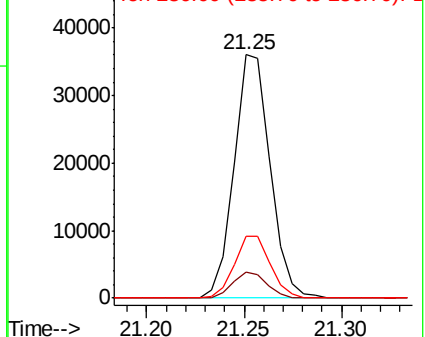
236 25.2 21.2 31.8

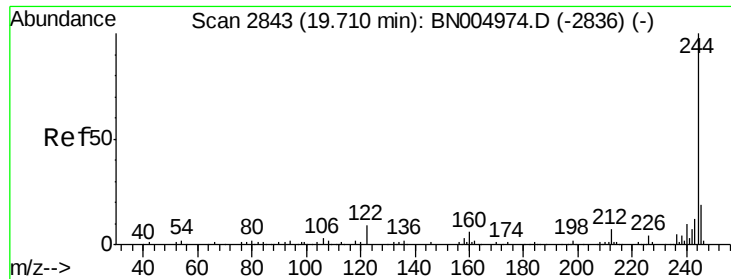


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.435 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB118575BL

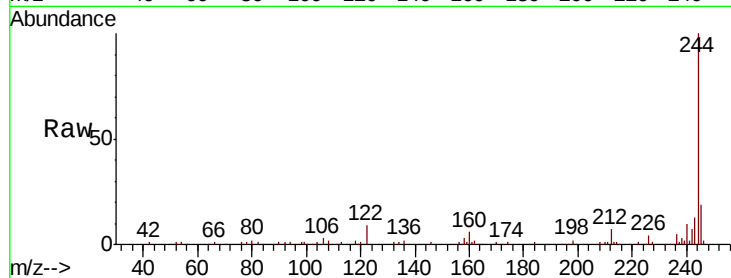
Tot Ion:244 Resp: 159620

Ion Ratio Lower Upper

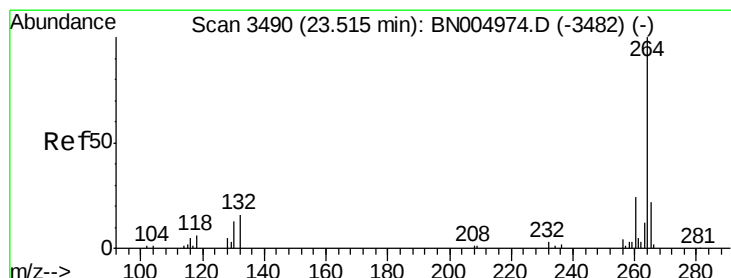
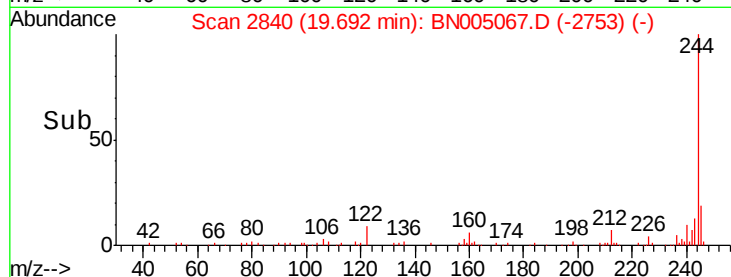
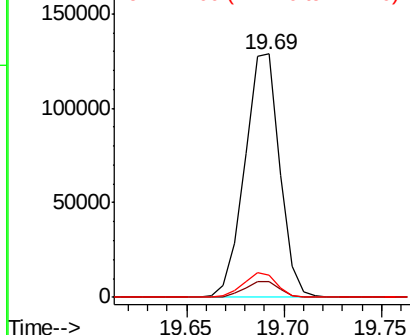
244 100

212 6.6 5.4 8.0

122 8.9 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: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005067.D

Acq: 03 Apr 2019 18:53

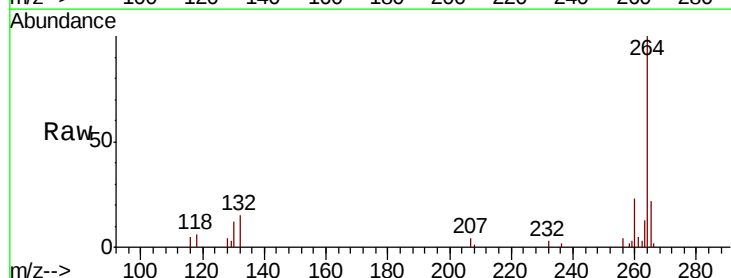
Tgt Ion:264 Resp: 43058

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.7 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

