

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005078.D
 Acq On : 04 Apr 2019 01:26
 Operator : JU/SJ
 Sample : K2213-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Quant Time: Apr 04 04:54:08 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	7801	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	31035	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	18410	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	42433	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	45528	20.00	ng	-0.02
87) Perylene-d12	23.48	264	41660	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	61836	137.04	ng	-0.02
7) Phenol-d6	6.83	99	72930	121.86	ng	-0.02
23) Nitrobenzene-d5	8.82	82	49873	97.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	49363	166.25	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	141392	101.77	ng	-0.02
79) Terphenyl-d14	19.69	244	241273	102.03	ng	-0.02

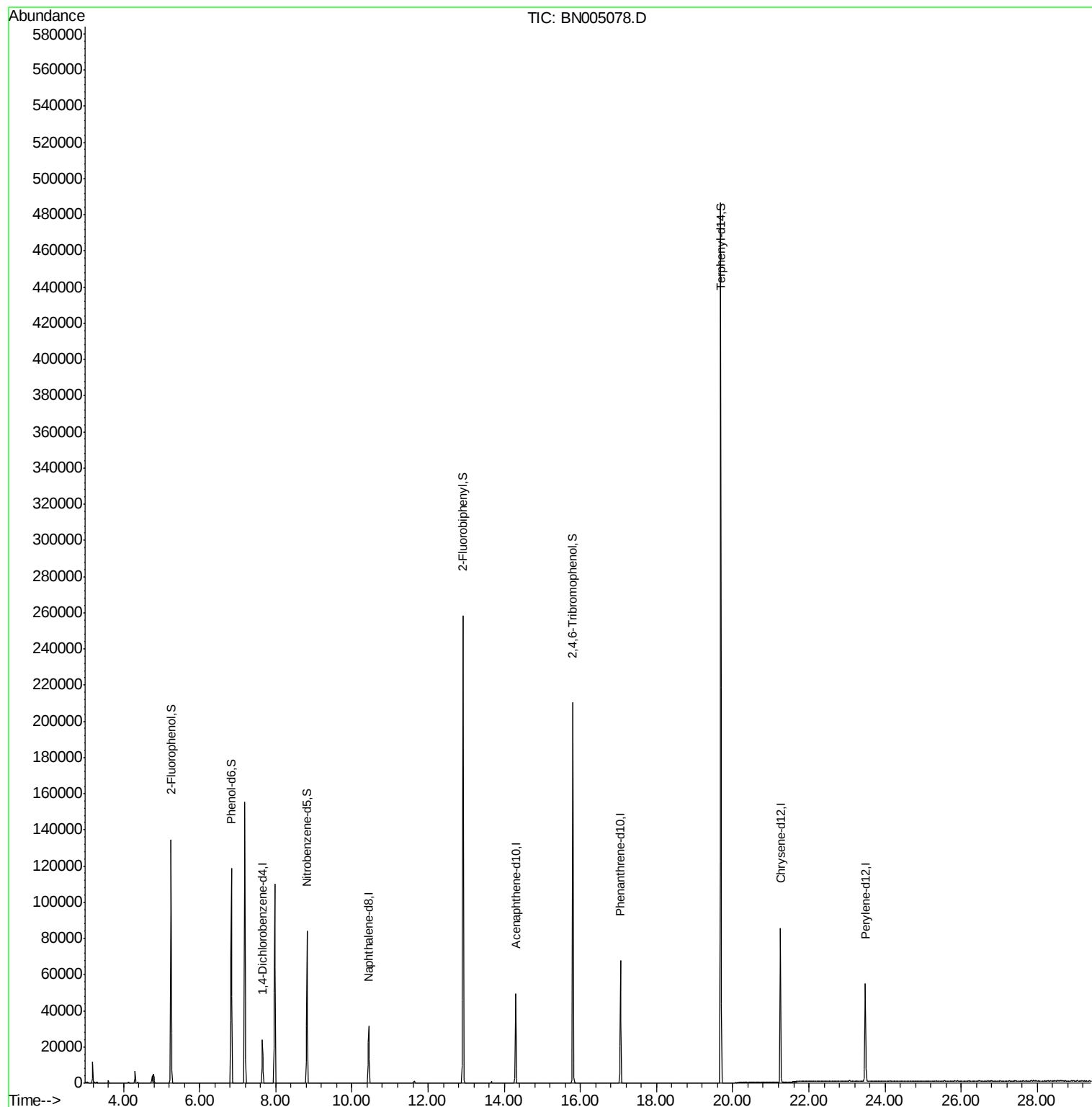
Target Compounds Qvalue

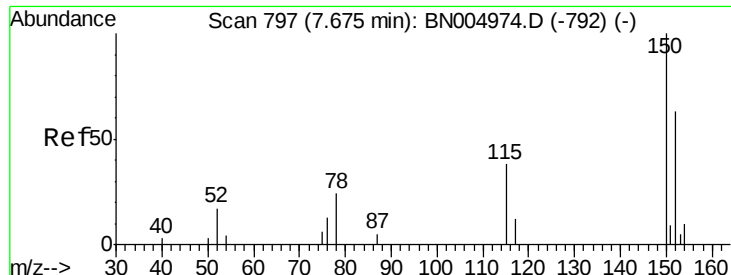
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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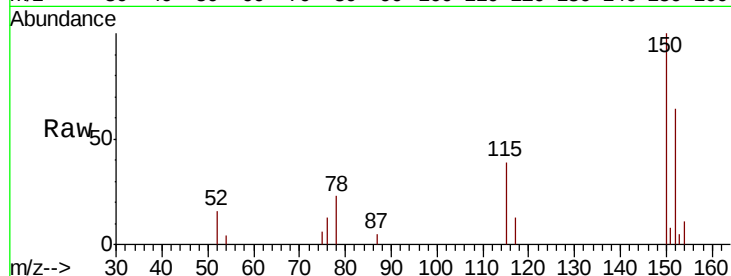


#1

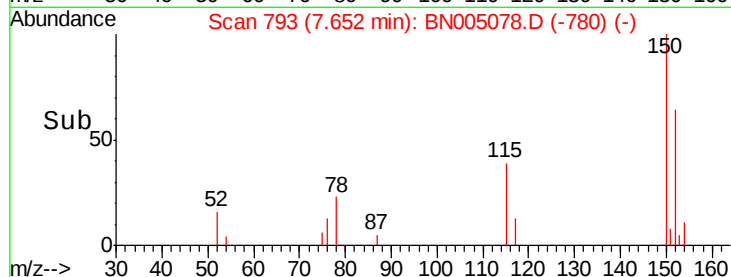
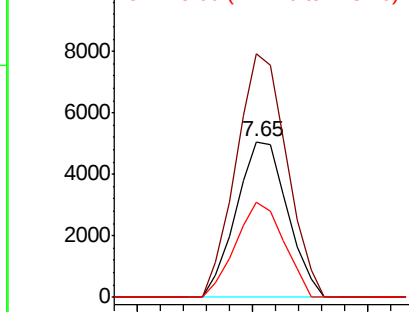
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

Tot Ion:152 Resp: 7801
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 61.2 47.8 71.6



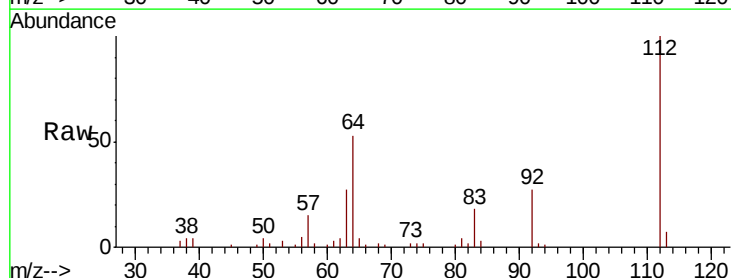
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



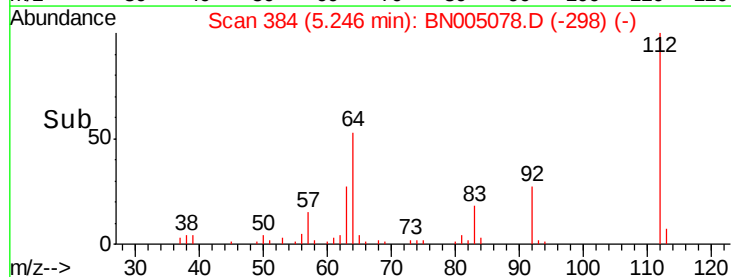
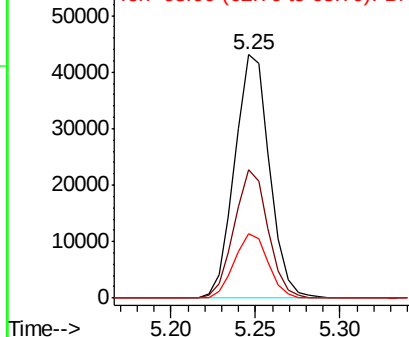
#5

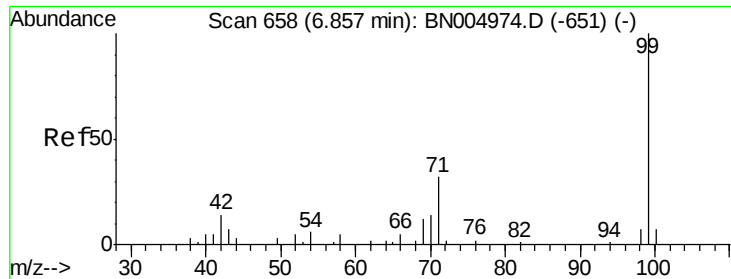
2-Fluorophenol
Concen: 137.044 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Tgt Ion:112 Resp: 61836
Ion Ratio Lower Upper
112 100
64 52.5 41.9 62.9
63 26.6 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: 121.862 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005078.D

Acq: 04 Apr 2019 01:26

Instrument :

BNA_N

ClientSampleId :

S9A(2-10)COMP

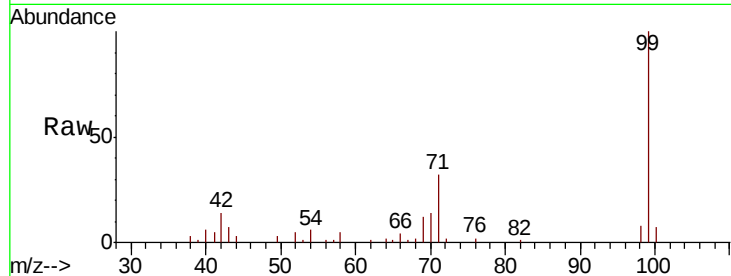
Tot Ion: 99 Resp: 72930

Ion Ratio Lower Upper

99 100

42 13.6 11.4 17.0

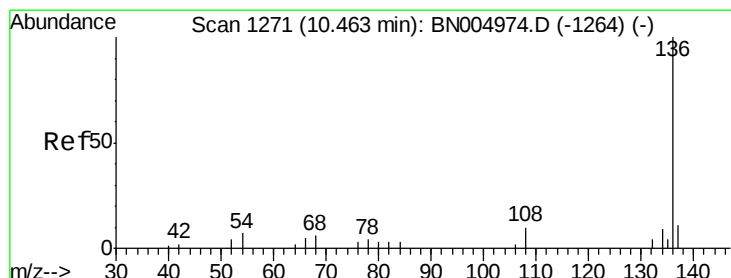
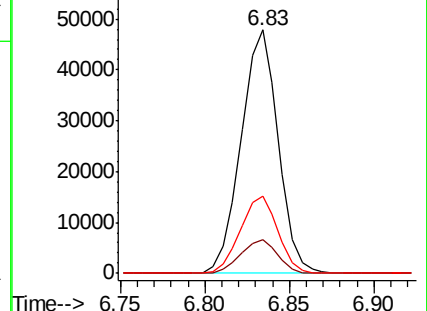
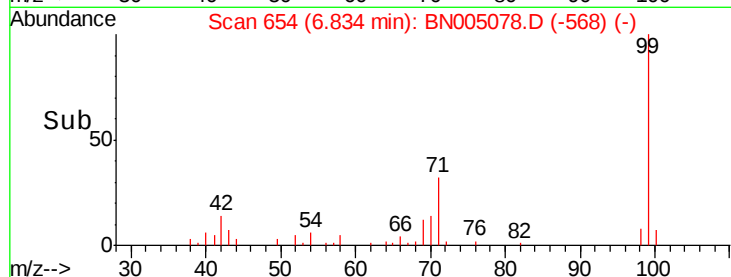
71 32.0 25.8 38.8



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: 10.44 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BN005078.D

Acq: 04 Apr 2019 01:26

Tgt Ion: 136 Resp: 31035

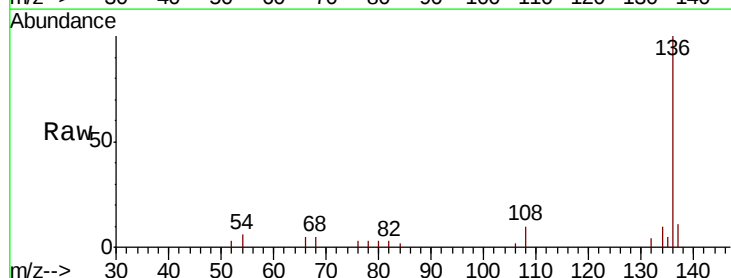
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.3 7.9

68 5.3 4.6 6.8

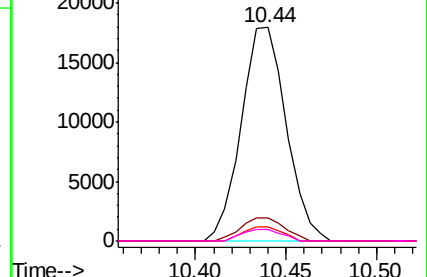
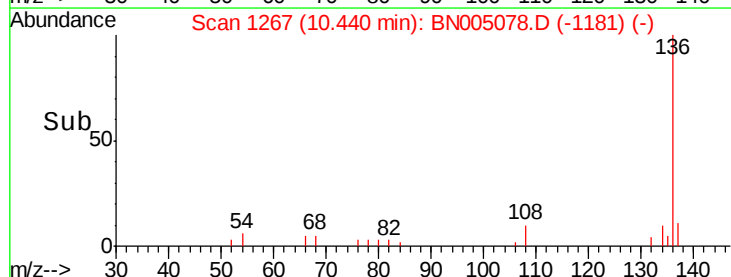


Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

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) (-)

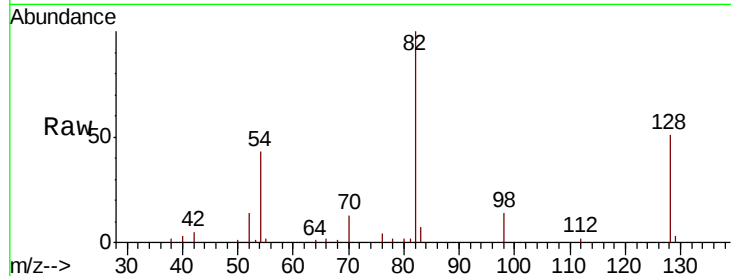




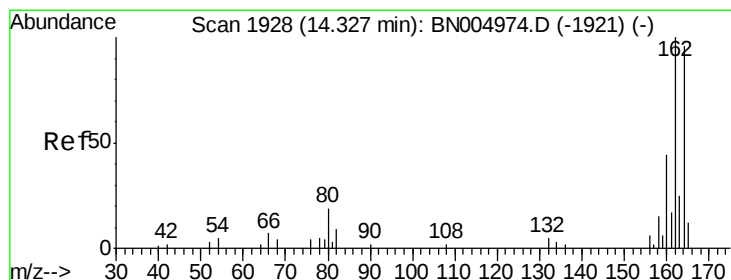
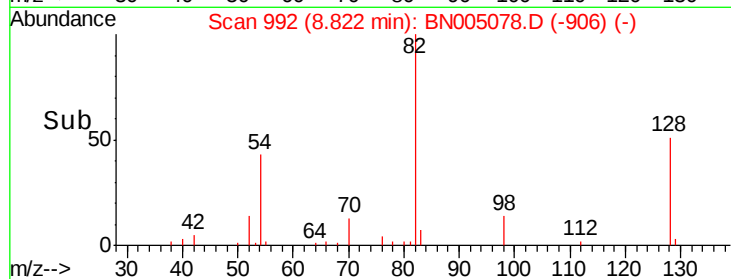
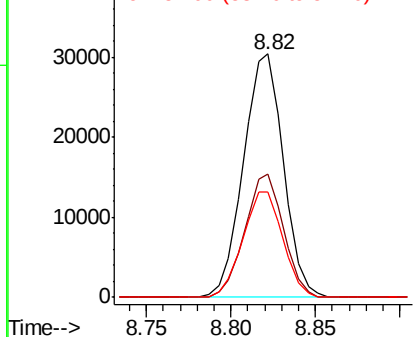
#23
Nitrobenzene-d5
Concen: 97.209 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Instrument :
BNA_N
ClientSampleId :
S9A(2-10)COMP

Tot Ion: 82 Resp: 49873
Ion Ratio Lower Upper
82 100
128 50.8 40.6 60.8
54 43.3 35.2 52.8

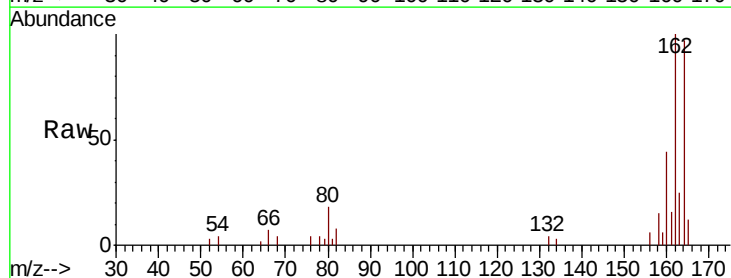


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

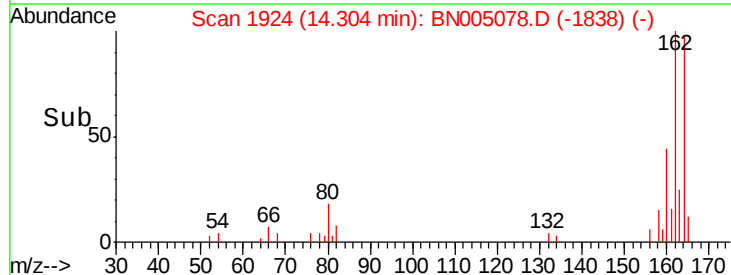
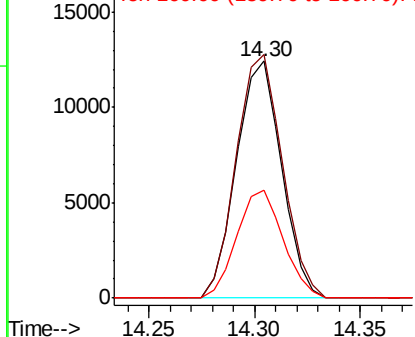


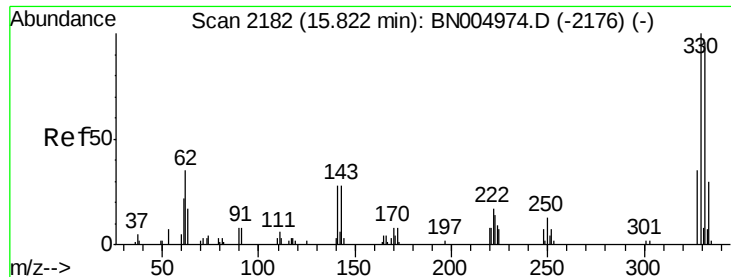
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005078.D
Acq: 04 Apr 2019 01:26

Tgt Ion:164 Resp: 18410
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.0
160 45.5 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

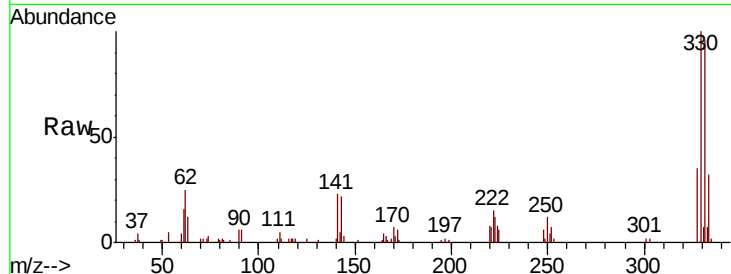




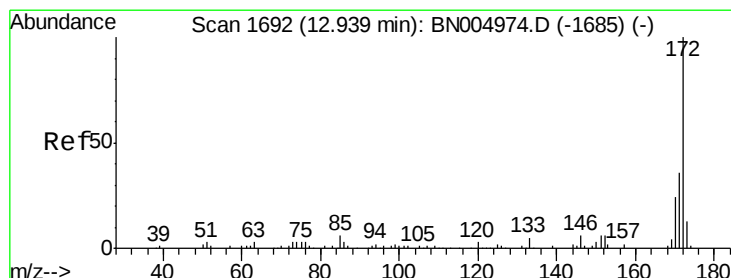
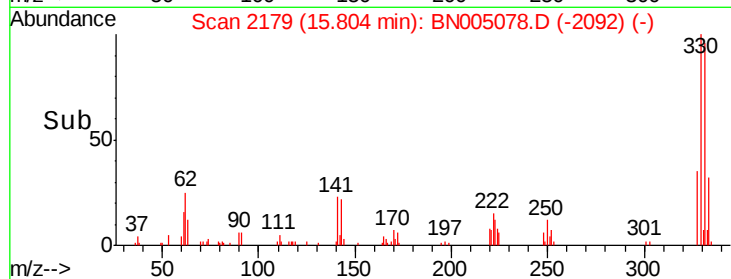
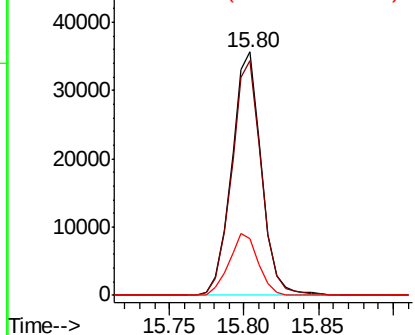
#42
 2,4,6-Tribromophenol
 Concen: 166.251 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	25.0	22.1	33.1

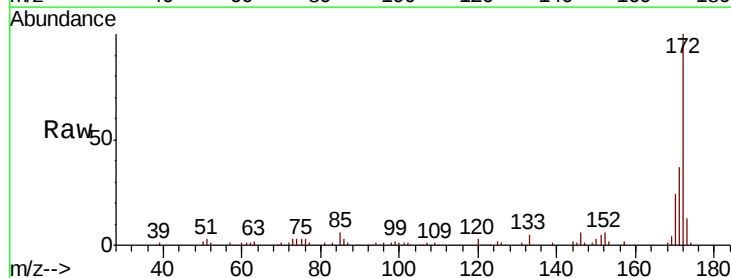


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

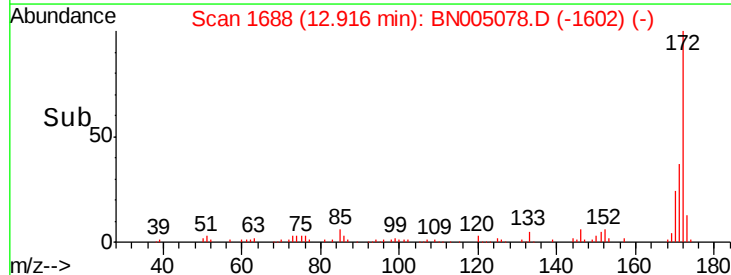
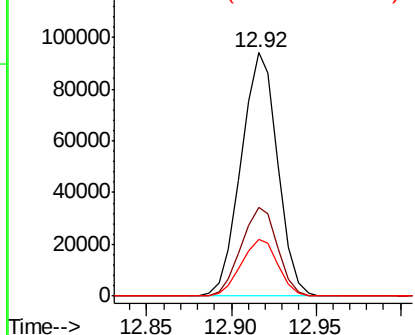


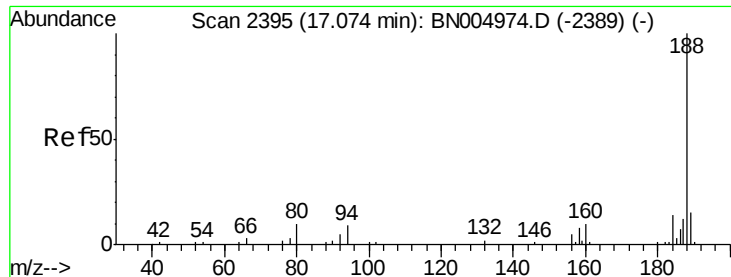
#45
 2-Fluorobiphenyl
 Concen: 101.772 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	23.6	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: BN005078.D

Acq: 04 Apr 2019 01:26

Instrument :

BNA_N

ClientSampleId :

S9A(2-10)COMP

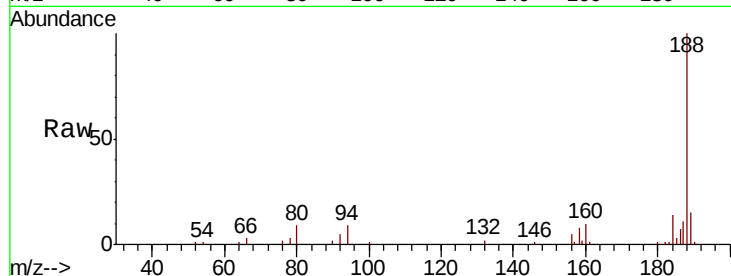
Tot Ion:188 Resp: 42433

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

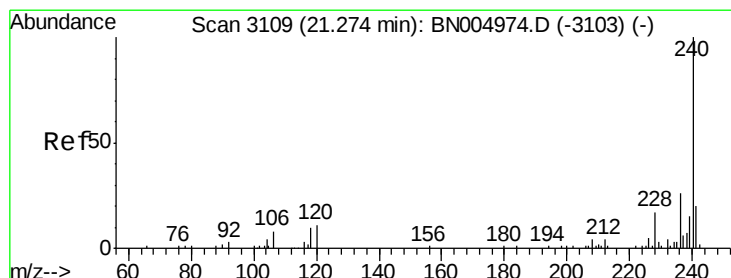
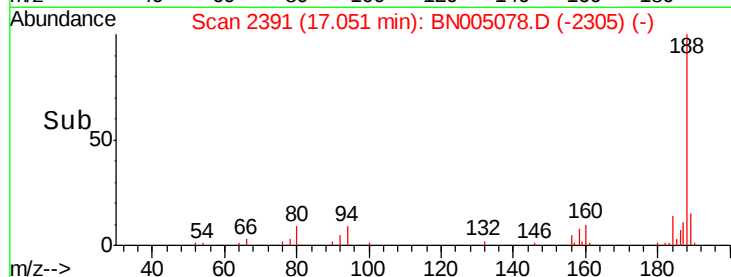
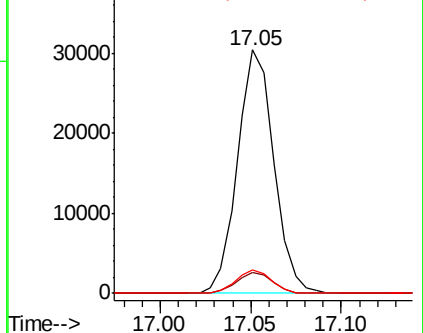
80 9.4 7.8 11.6



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: BN005078.D

Acq: 04 Apr 2019 01:26

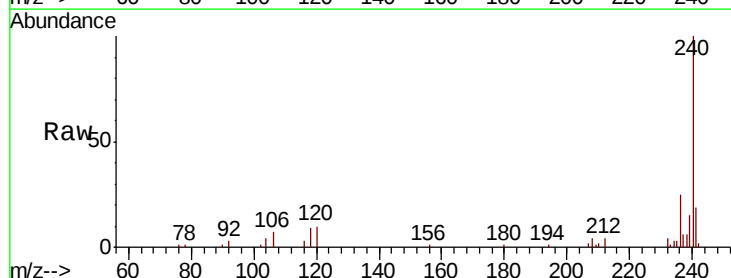
Tgt Ion:240 Resp: 45528

Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

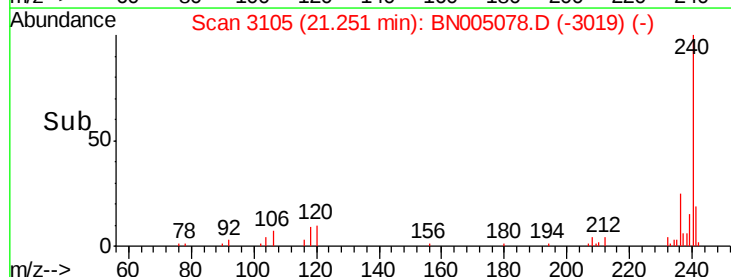
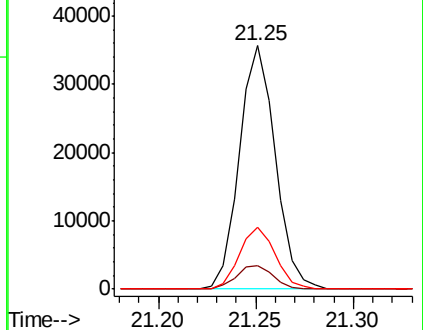
236 25.4 21.2 31.8

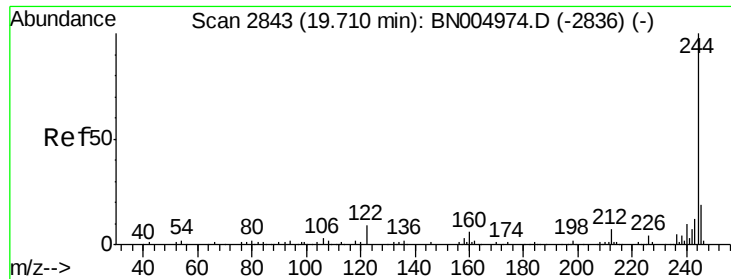


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

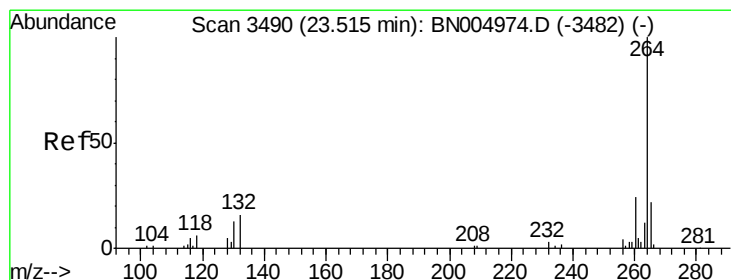
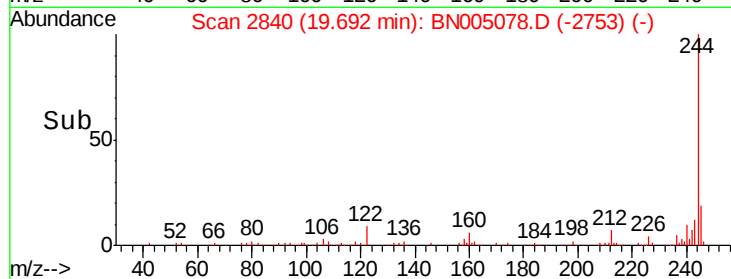
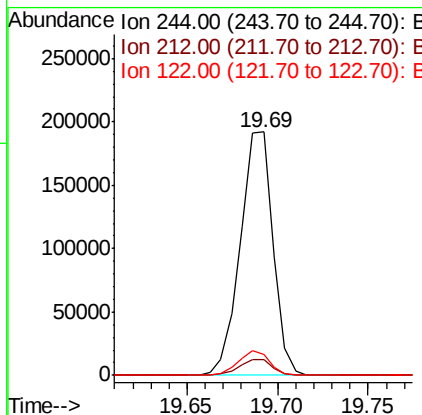
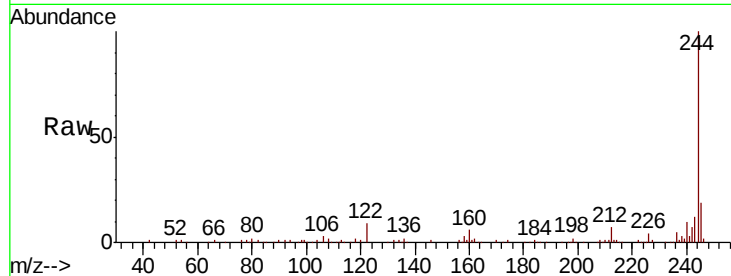




#79
 Terphenyl-d14
 Concen: 102.027 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Instrument :
 BNA_N
 ClientSampleId :
 S9A(2-10)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.8	7.4	11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.04 min
 Lab File: BN005078.D
 Acq: 04 Apr 2019 01:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.5	17.2	25.8

