

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081019\
 Data File : BN007065.D
 Acq On : 11 Aug 2019 01:23
 Operator : HP/JU
 Sample : K4239-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 05:12:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

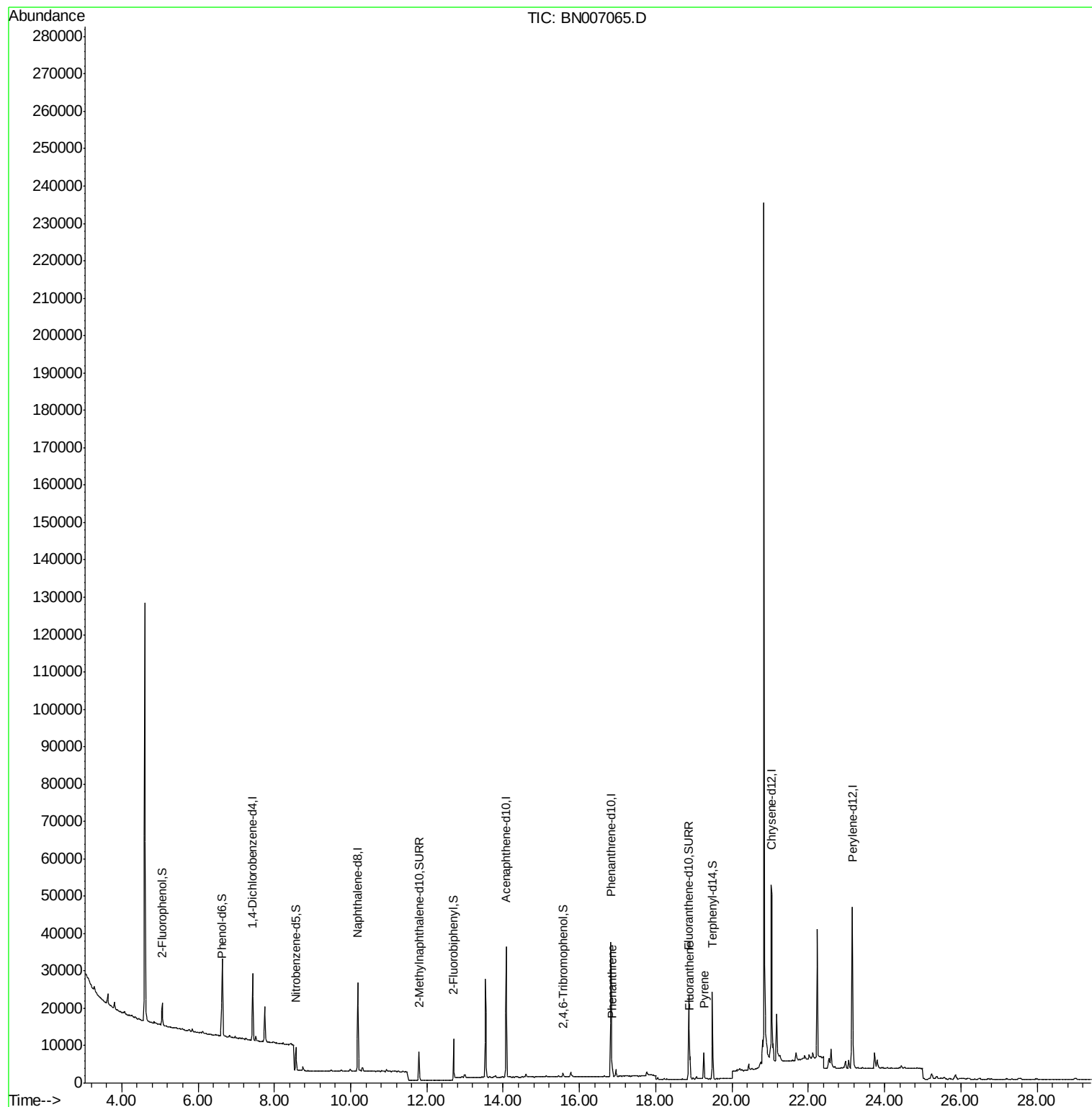
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8538	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	32247	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18638	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	47421	0.40	ng	0.00
26) Chrysene-d12	21.05	240	48859	0.40	ng	-0.01
32) Perylene-d12	23.15	264	54227	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	4775	0.23	ng	0.00
4) Phenol-d6	6.61	99	6459	0.25	ng	0.00
7) Nitrobenzene-d5	8.56	82	4917	0.19	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	10954	0.18	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	623	0.06	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4688	0.17	ng	0.00
24) Fluoranthene-d10	18.87	212	26612	0.16	ng	0.00
28) Terphenyl-d14	19.49	244	23734	0.18	ng	-0.01
Target Compounds						Qvalue
22) Phenanthrene	16.87	178	3685	0.026	ng	96
25) Fluoranthene	18.90	202	5957	0.033	ng	99
27) Pyrene	19.26	202	6735	0.039	ng	97

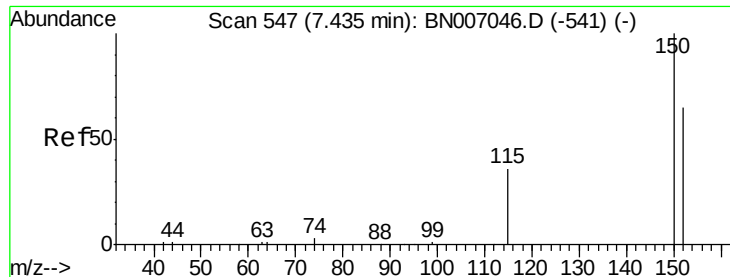
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081019\
Data File : BN007065.D
Acq On : 11 Aug 2019 01:23
Operator : HP/JU
Sample : K4239-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 12 05:12:11 2019
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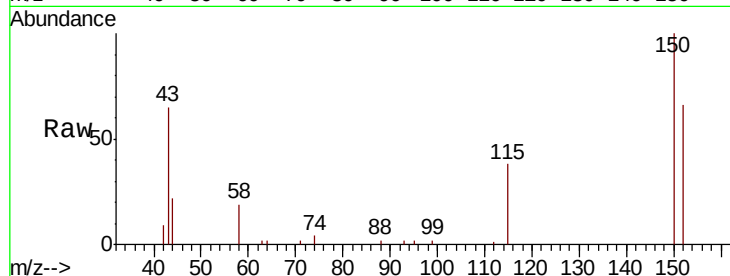


#1

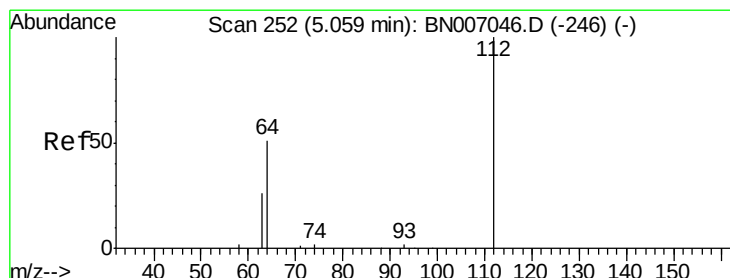
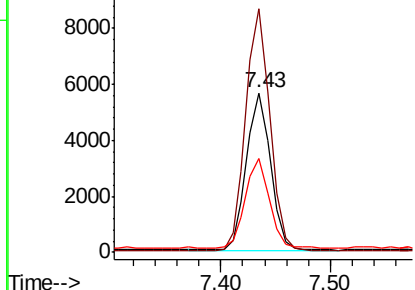
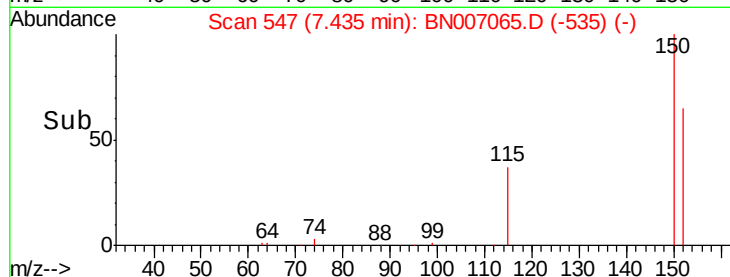
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007065.D
Acq: 11 Aug 2019 01:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 8538
Ion Ratio Lower Upper
152 100
150 152.7 121.7 182.5
115 58.6 46.2 69.4



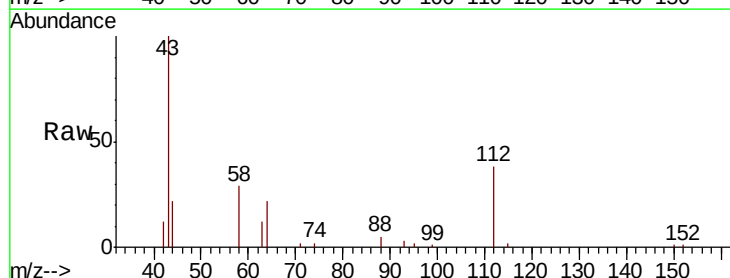
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



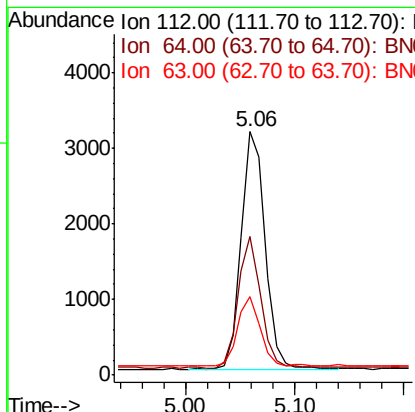
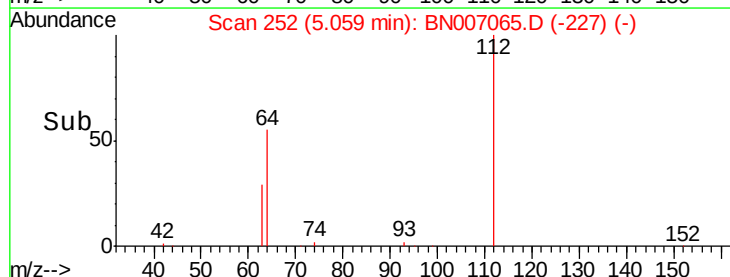
#3

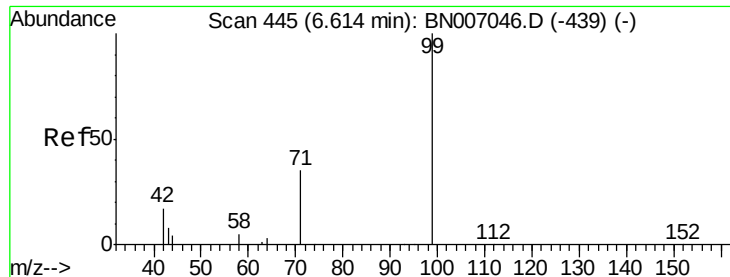
2-Fluorophenol
Concen: 0.233 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007065.D
Acq: 11 Aug 2019 01:23

Tgt Ion:112 Resp: 4775
Ion Ratio Lower Upper
112 100
64 53.0 42.6 63.8
63 28.5 22.2 33.2



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





#4

Phenol-d6

Concen: 0.254 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Instrument :

BNA_F

ClientSampleId :

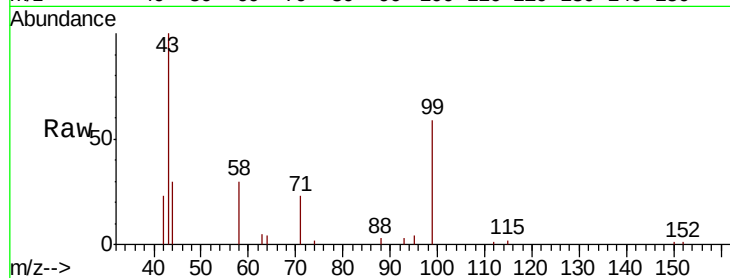
Tot Ion: 99 Resp: 6459

Ion Ratio Lower Upper

99 100

42 0.0 15.8 23.6#

71 35.1 27.0 40.4



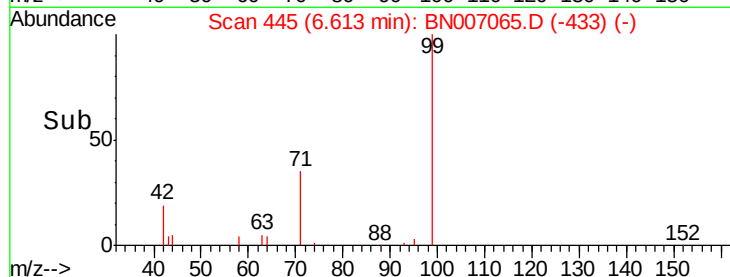
Abundance Ion 99.00 (98.70 to 99.70): BN007046.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007046.D (-439) (-)

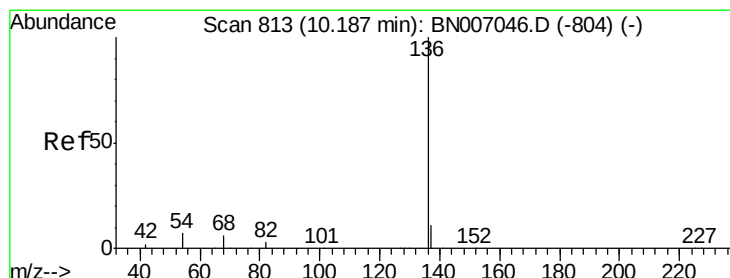
Ion 71.00 (70.70 to 71.70): BN007046.D (-439) (-)

6.61

Time-->



Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Tgt Ion: 136 Resp: 32247

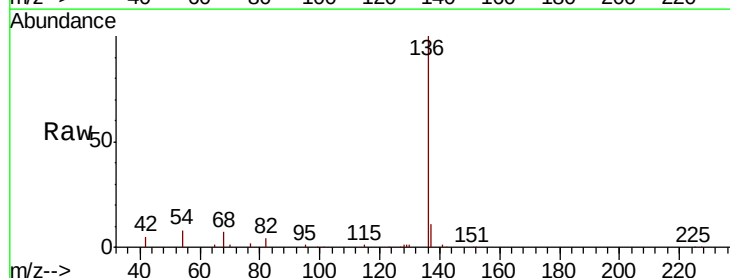
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 7.7 6.6 9.8

68 6.9 6.0 9.0



Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

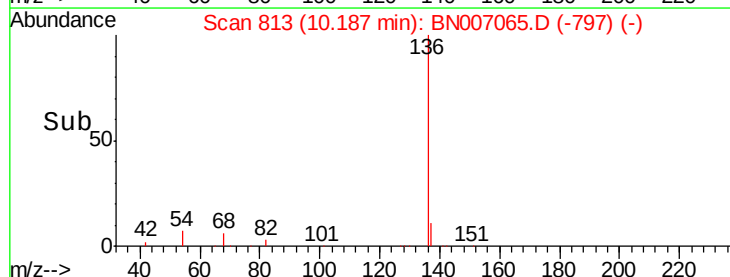
Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

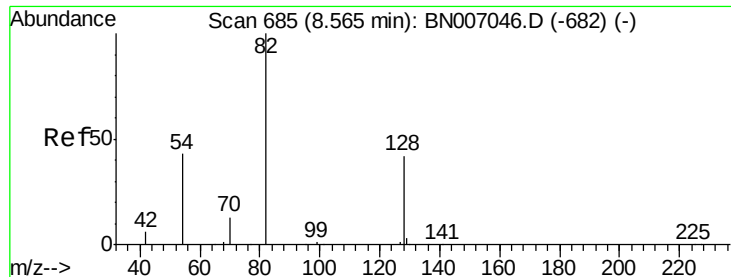
Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)

10.19

Time-->



Time-->



#7

Nitrobenzene-d5

Concen: 0.189 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Instrument :

BNA_F

ClientSampleId :

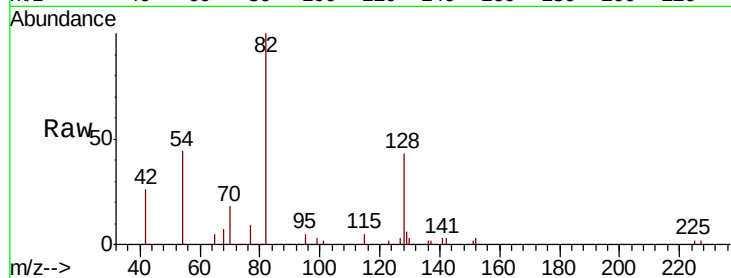
Tot Ion: 82 Resp: 4917

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

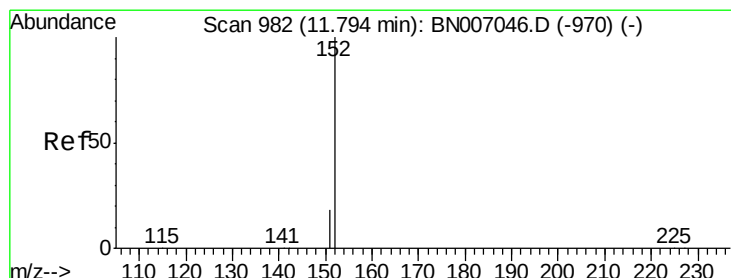
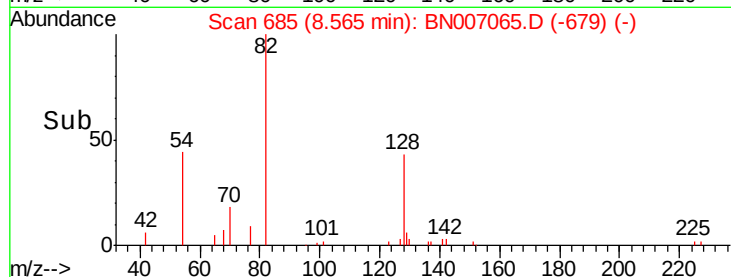
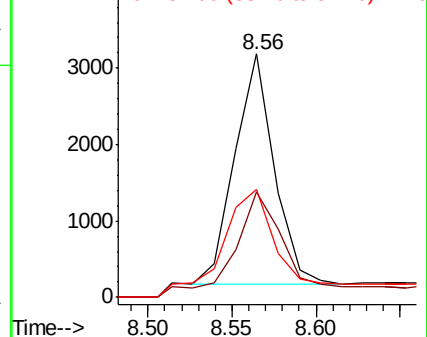
54 44.4 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#10

2-Methylnaphthalene-d10

Concen: 0.182 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007065.D

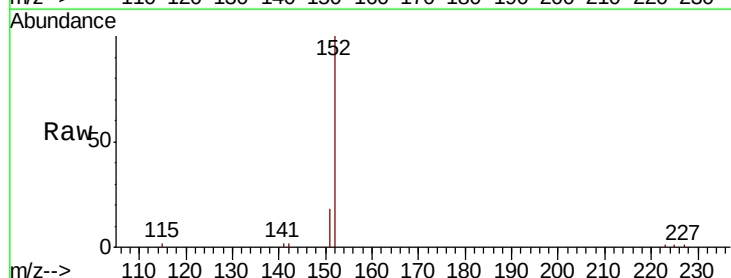
Acq: 11 Aug 2019 01:23

Tgt Ion: 152 Resp: 10954

Ion Ratio Lower Upper

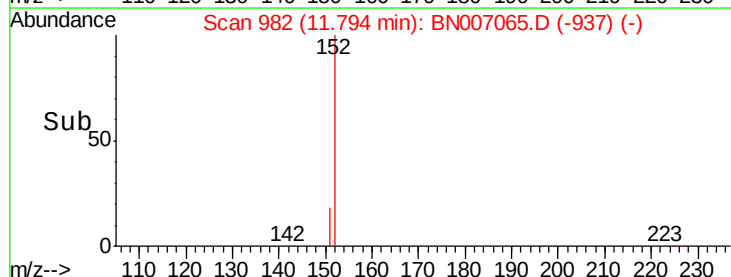
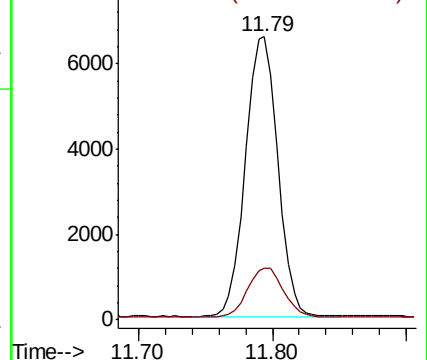
152 100

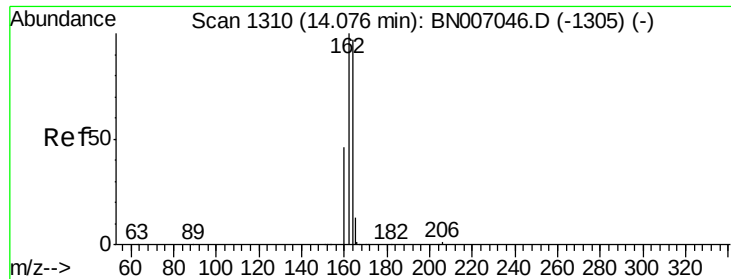
151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN007046.D (-970) (-)

Ion 151.00 (150.70 to 151.70): BN007046.D (-970) (-)





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Instrument :

BNA_F

ClientSampleId :

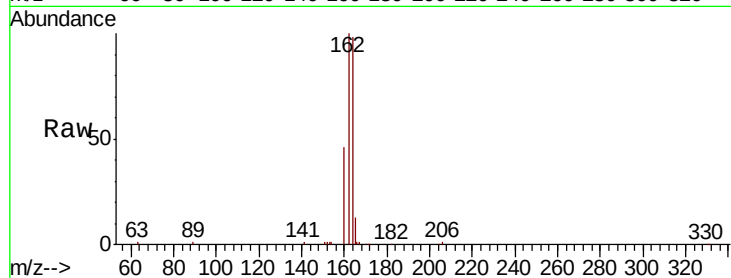
Tot Ion:164 Resp: 18638

Ion Ratio Lower Upper

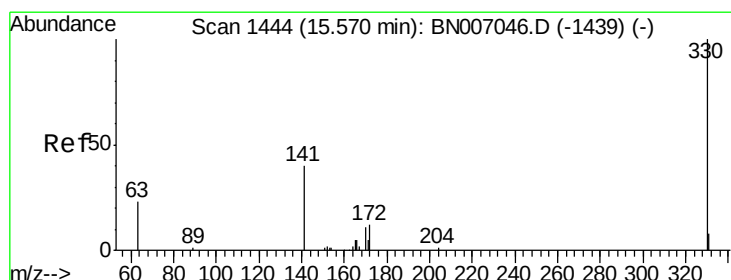
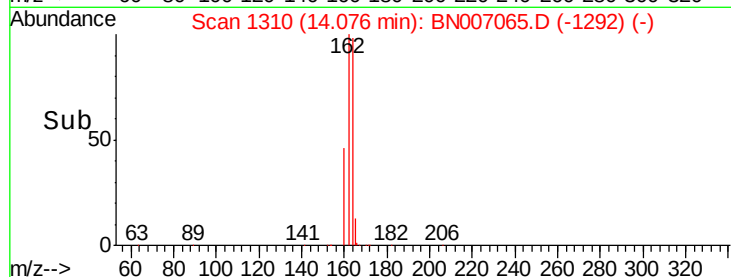
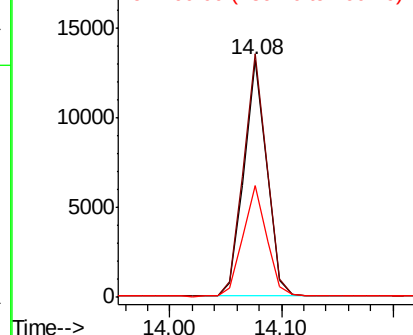
164 100

162 102.5 82.2 123.4

160 47.2 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.062 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

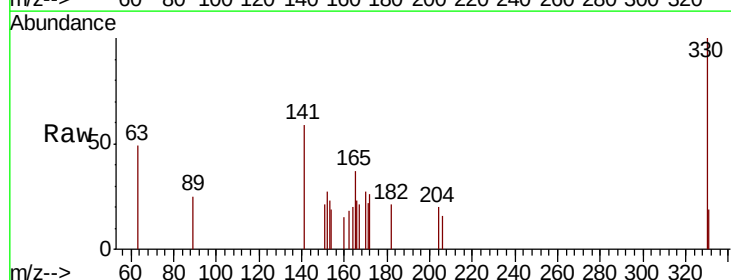
Tgt Ion:330 Resp: 623

Ion Ratio Lower Upper

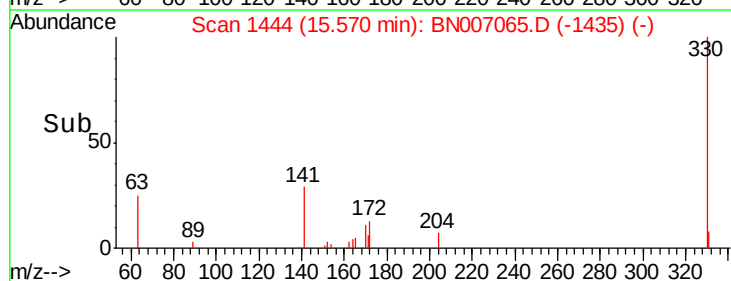
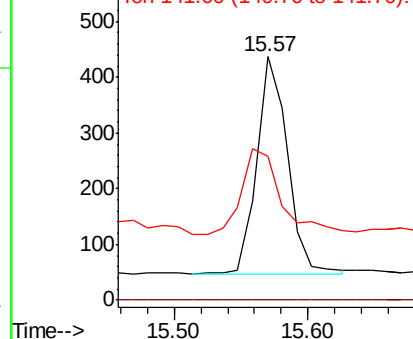
330 100

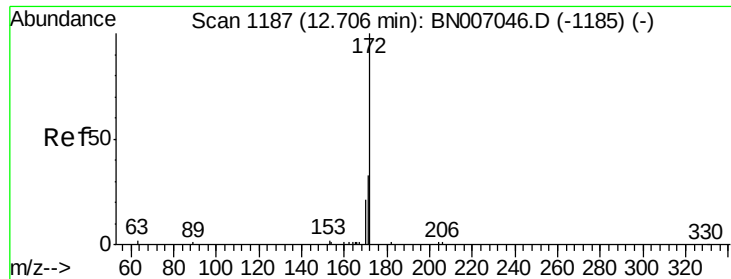
332 0.0 0.0 0.0

141 51.0 33.6 50.4#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

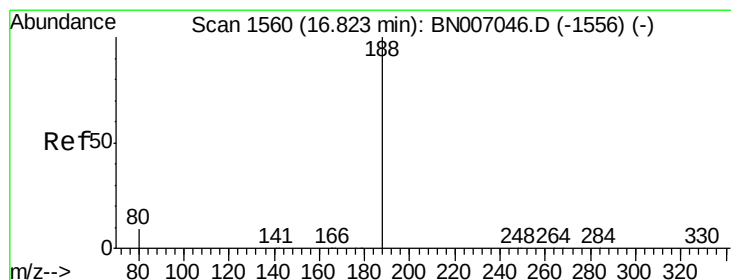
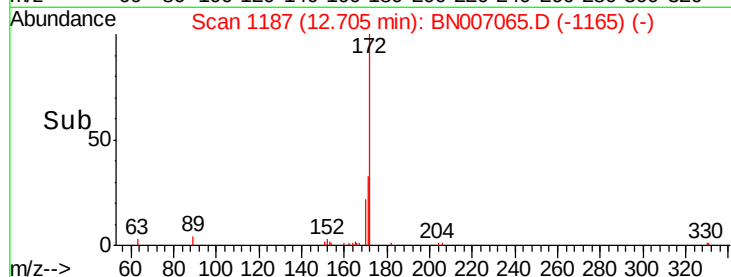
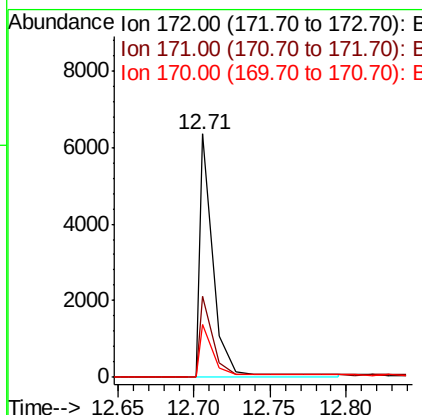
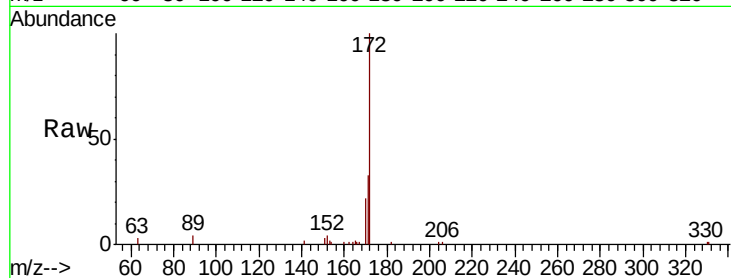




#14
2-Fluorobiphenyl
Concen: 0.173 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007065.D
Acq: 11 Aug 2019 01:23

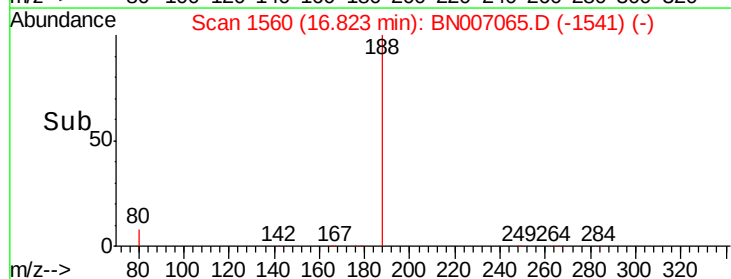
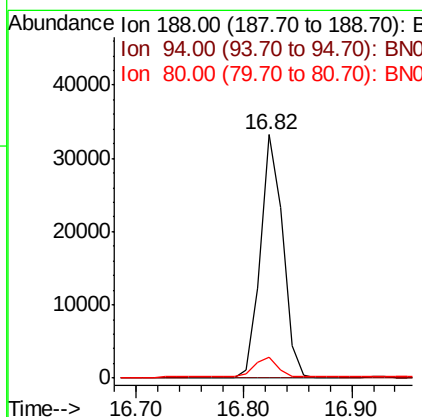
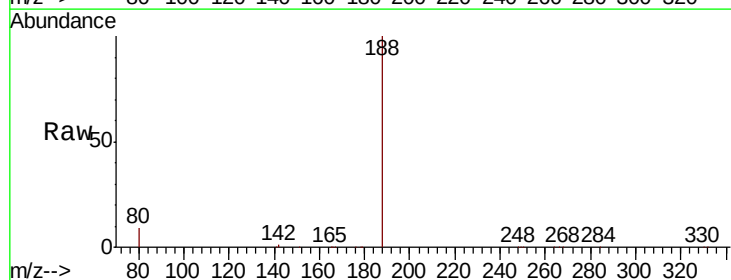
Instrument :
BNA_F
ClientSampleId :

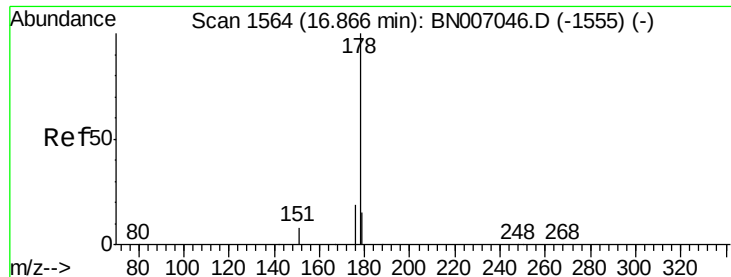
Tot Ion:172 Resp: 4688
Ion Ratio Lower Upper
172 100
171 33.5 26.3 39.5
170 21.7 17.0 25.4



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007065.D
Acq: 11 Aug 2019 01:23

Tgt Ion:188 Resp: 47421
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.8 11.6





#22

Phenanthrene

Concen: 0.026 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Instrument :

BNA_F

ClientSampleId :

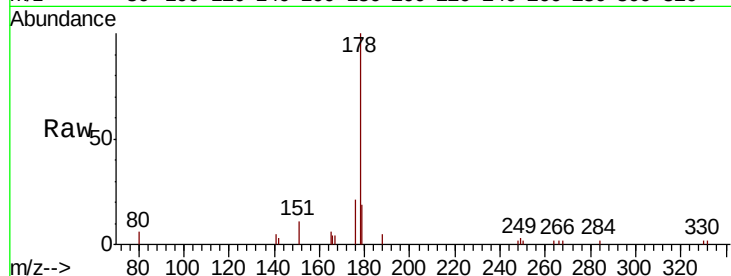
Tot Ion:178 Resp: 3685

Ion Ratio Lower Upper

178 100

176 20.7 15.2 22.8

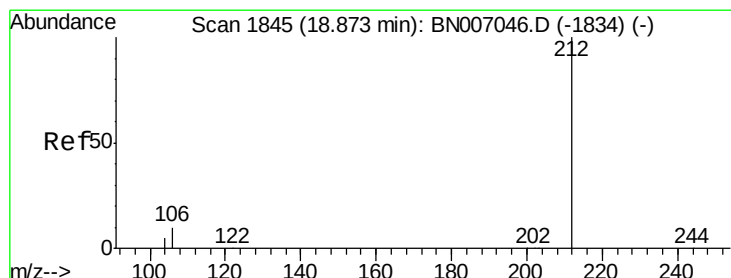
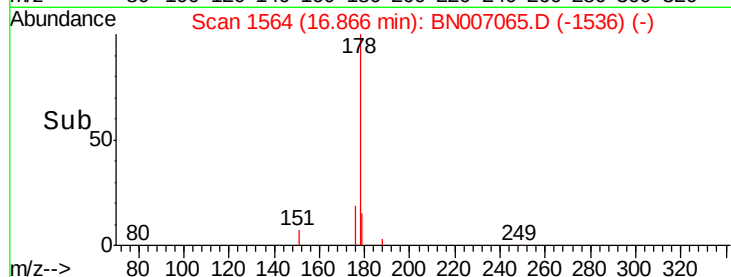
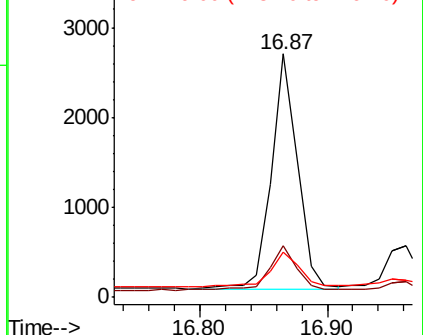
179 16.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.158 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

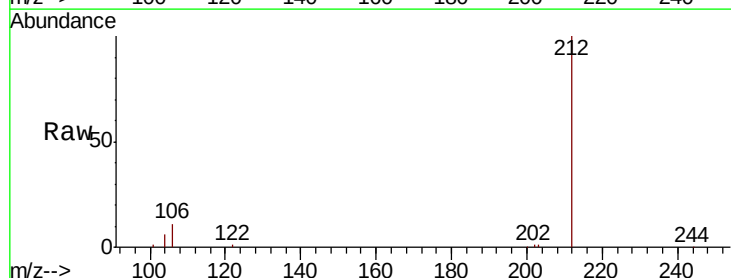
Tgt Ion:212 Resp: 26612

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

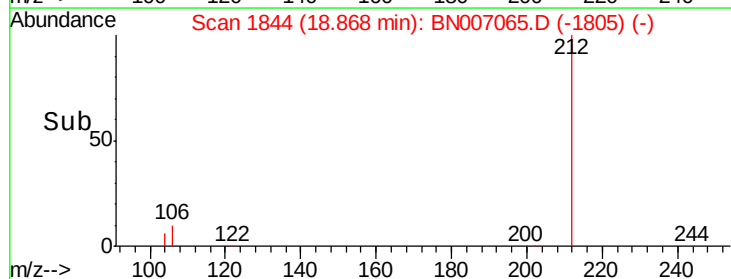
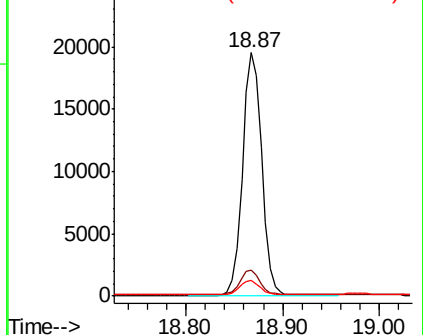
104 5.6 4.5 6.7

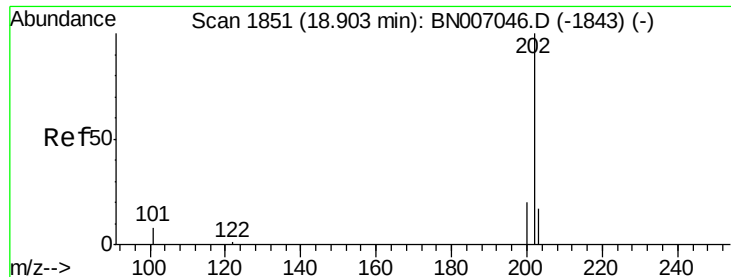


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.033 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

Instrument :

BNA_F

ClientSampleId :

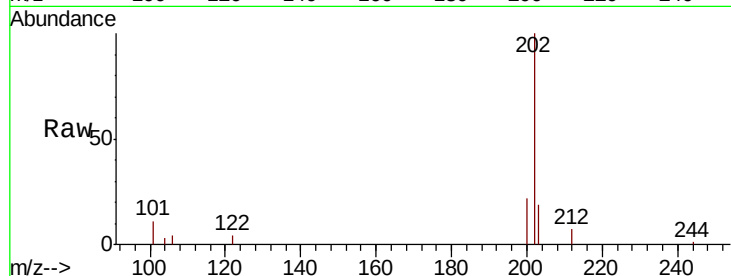
Tot Ion:202 Resp: 5957

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

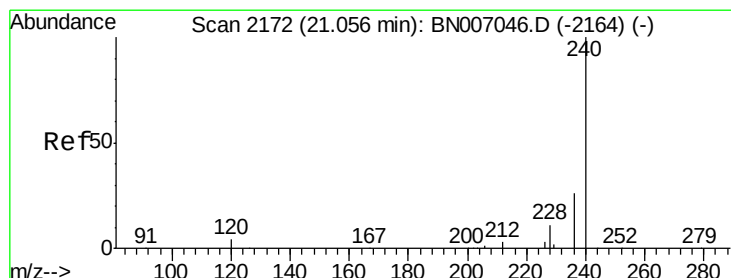
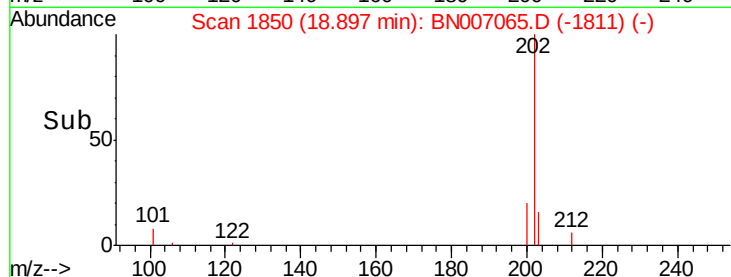
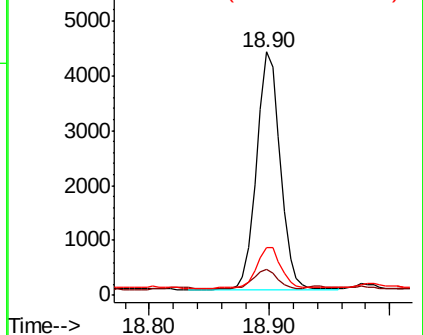
203 17.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007065.D

Acq: 11 Aug 2019 01:23

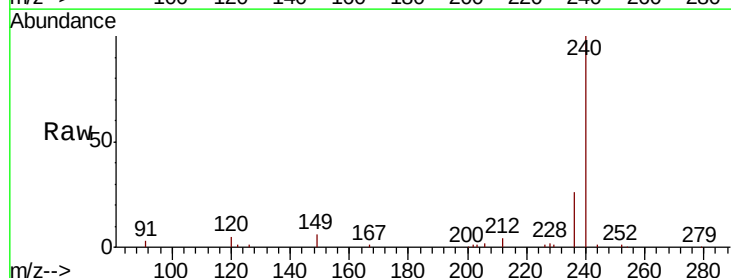
Tgt Ion:240 Resp: 48859

Ion Ratio Lower Upper

240 100

120 4.8 4.0 6.0

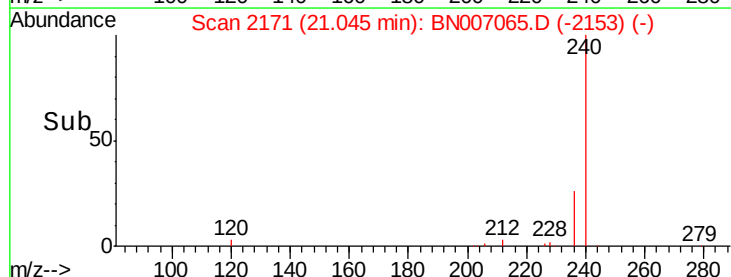
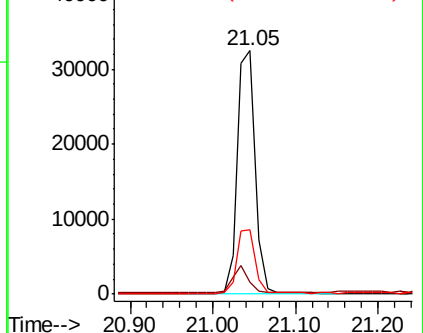
236 26.3 21.3 31.9

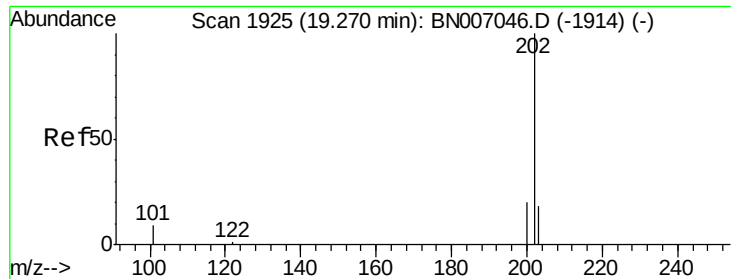


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

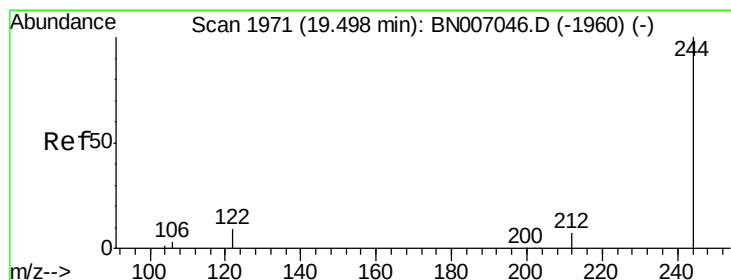
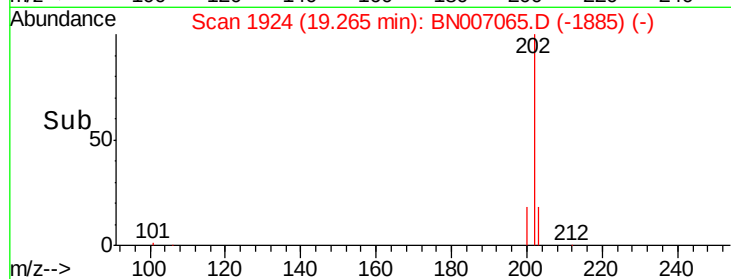
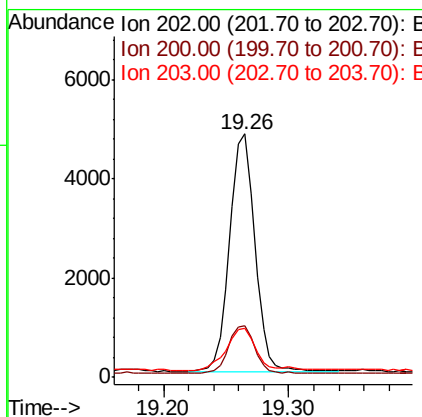
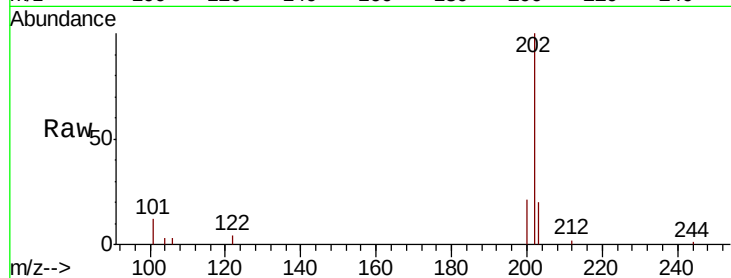




#27
 Pvrene
 Concen: 0.039 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007065.D
 Acq: 11 Aug 2019 01:23

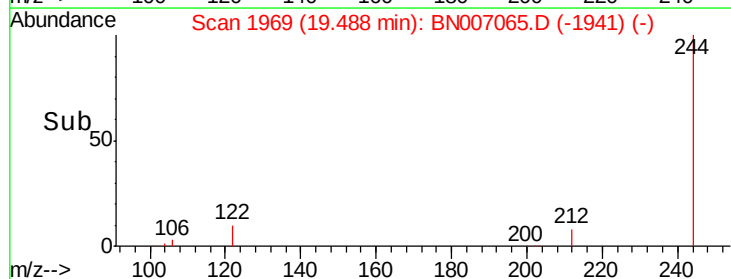
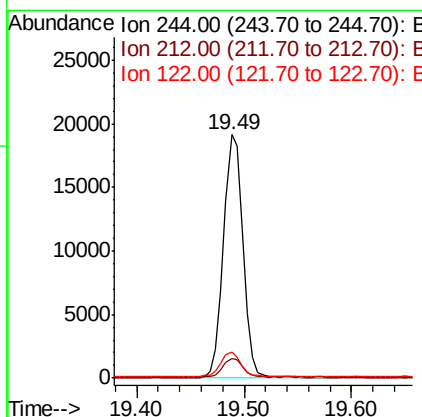
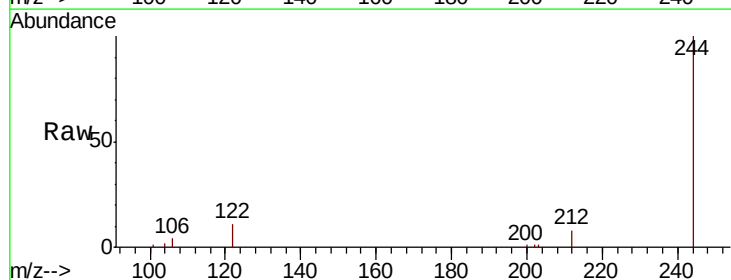
Instrument :
 BNA_F
 ClientSampleId :

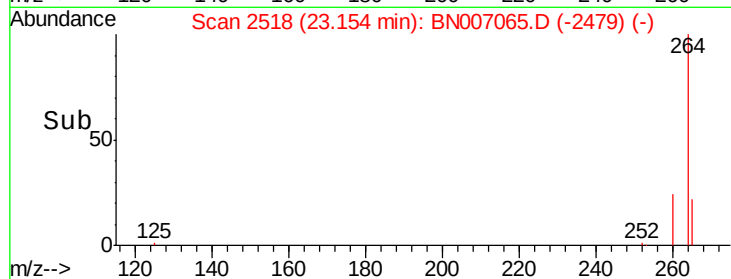
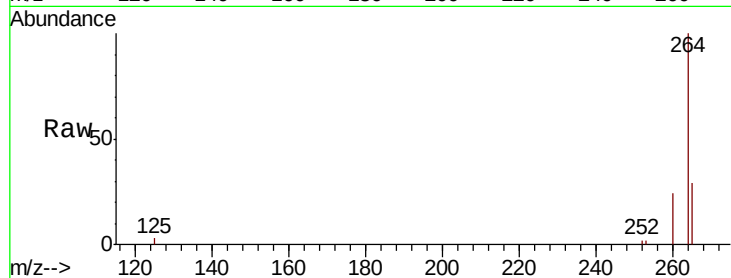
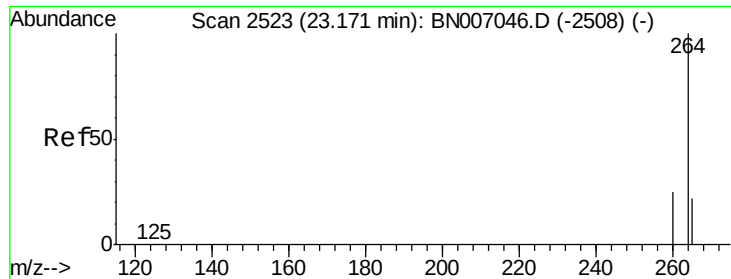
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	20.1	14.0	21.0



#28
 Terphenyl-d14
 Concen: 0.178 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007065.D
 Acq: 11 Aug 2019 01:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.6	7.4	11.2





#32
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007065.D
 Acq: 11 Aug 2019 01:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 54227
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 29.4 26.2 39.4

