

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011617.D
 Acq On : 25 Aug 2020 16:00
 Operator : CG/JU
 Sample : L3781-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-1B

Quant Time: Aug 25 18:31:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2734	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11609	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	7365	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	16293	0.40	ng	0.00
29) Chrysene-d12	21.33	240	17156	0.40	ng	0.00
36) Perylene-d12	23.59	264	20003	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	1770	0.20	ng	0.00
5) Phenol-d6	6.92	99	2442	0.20	ng	0.00
8) Nitrobenzene-d5	8.89	82	2253	0.22	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	4344	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	593	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	6122	0.21	ng	-0.01
27) Fluoranthene-d10	19.17	212	10522	0.20	ng	0.00
31) Terphenyl-d14	19.78	244	9412	0.21	ng	0.00

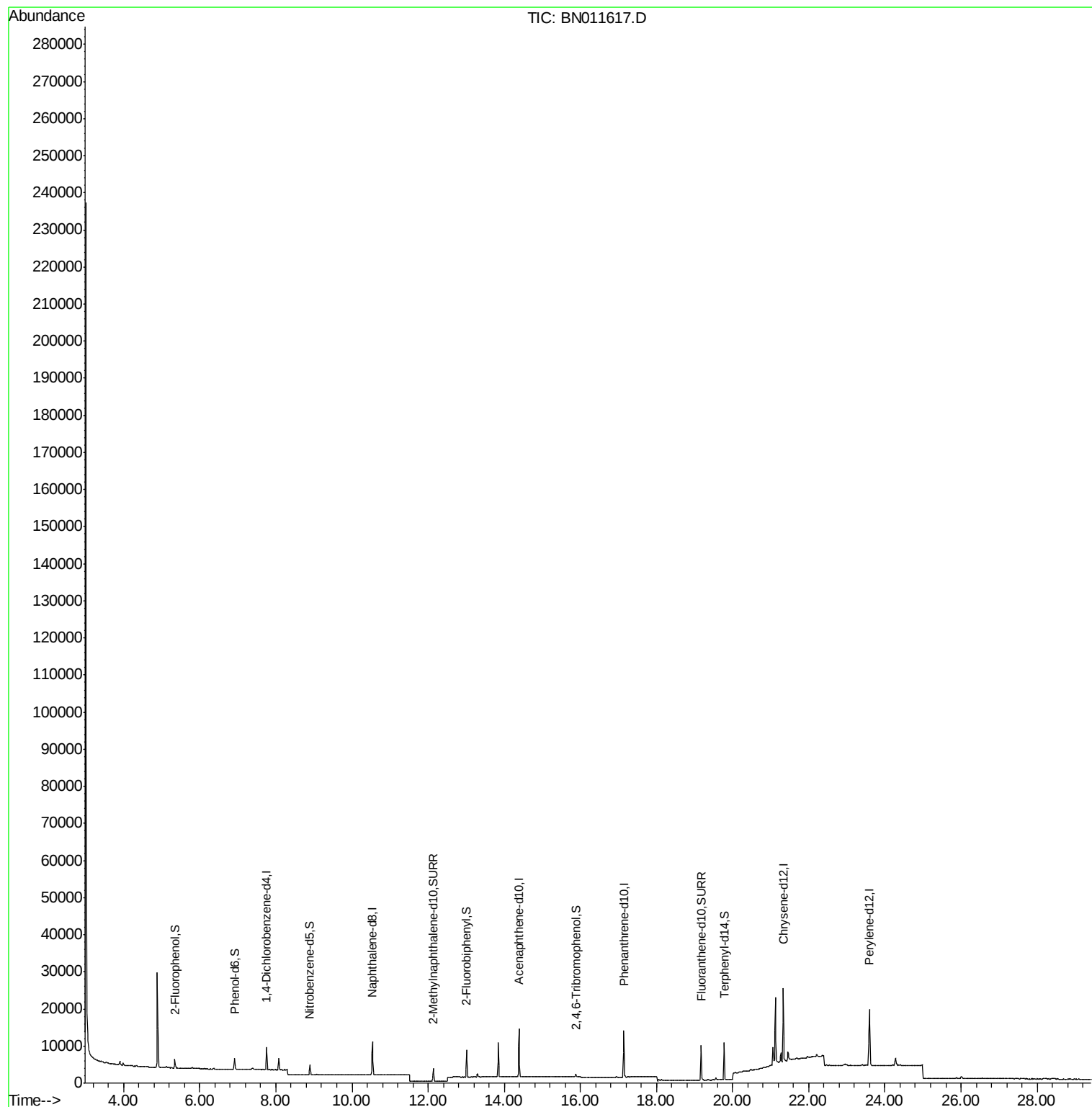
Target Compounds	Qvalue
------------------	--------

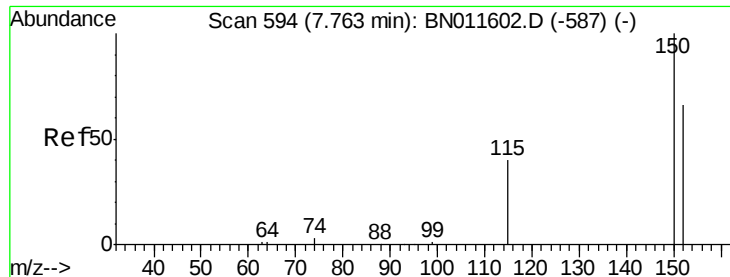
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011617.D
Acq On : 25 Aug 2020 16:00
Operator : CG/JU
Sample : L3781-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-1B

Quant Time: Aug 25 18:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration



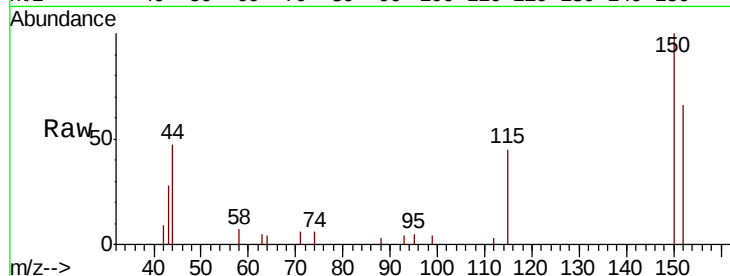


#1

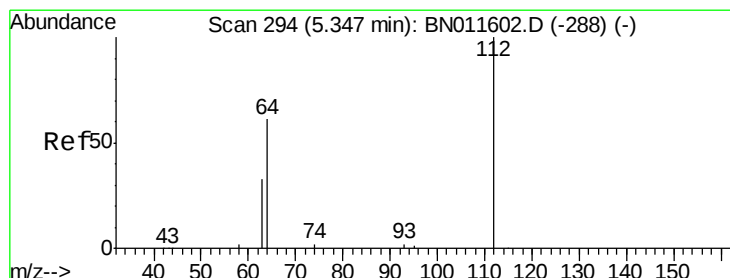
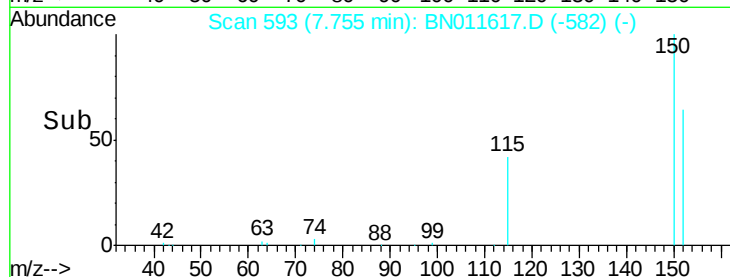
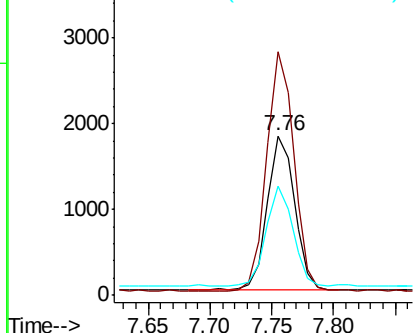
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011617.D
Acq: 25 Aug 2020 16:00

Instrument :
BNA_N
ClientSampleId :
CS-1B

Tot Ion:152 Resp: 2734
Ion Ratio Lower Upper
152 100
150 152.6 112.4 168.6
115 68.0 56.9 85.3



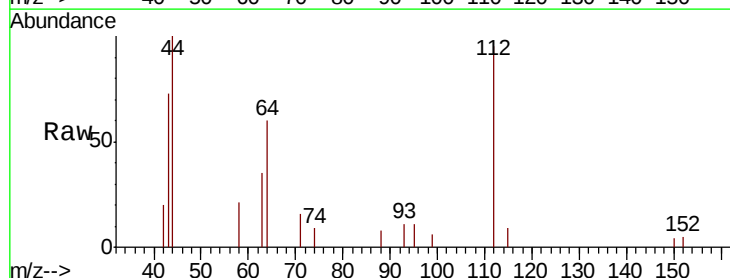
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



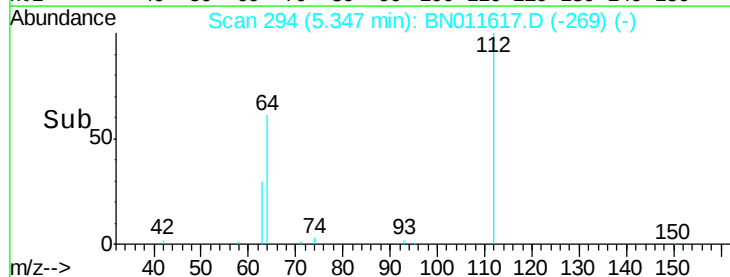
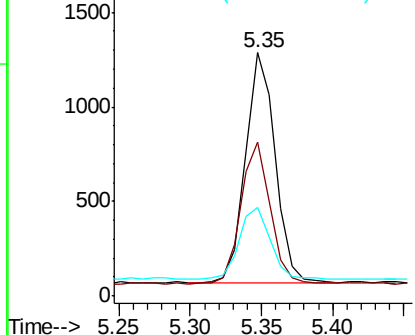
#4

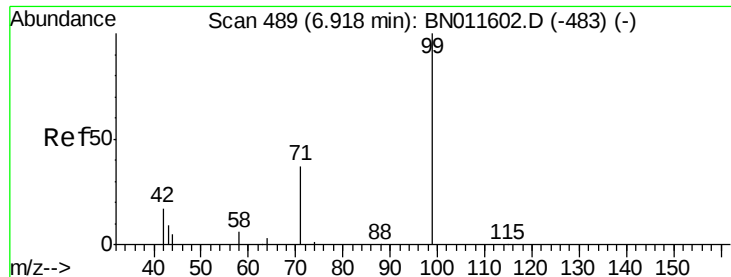
2-Fluorophenol
Concen: 0.202 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011617.D
Acq: 25 Aug 2020 16:00

Tgt Ion:112 Resp: 1770
Ion Ratio Lower Upper
112 100
64 61.5 49.6 74.4
63 33.0 26.4 39.6



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





#5

Phenol-d6

Concen: 0.198 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Instrument :

BNA_N

ClientSampleId :

CS-1B

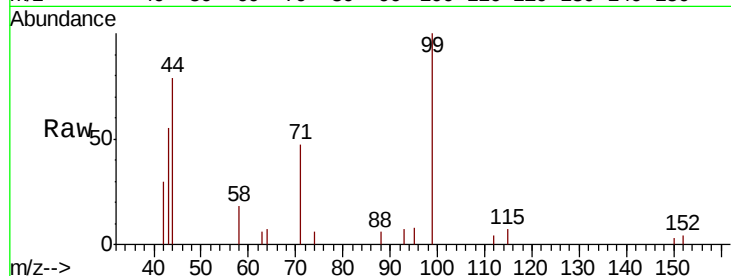
Tot Ion: 99 Resp: 2442

Ion Ratio Lower Upper

99 100

42 25.7 0.0 0.0#

71 40.1 0.0 0.0#

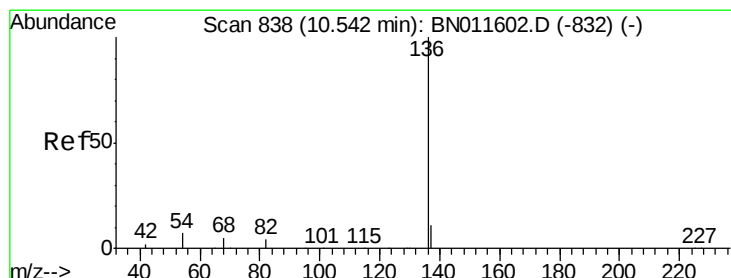
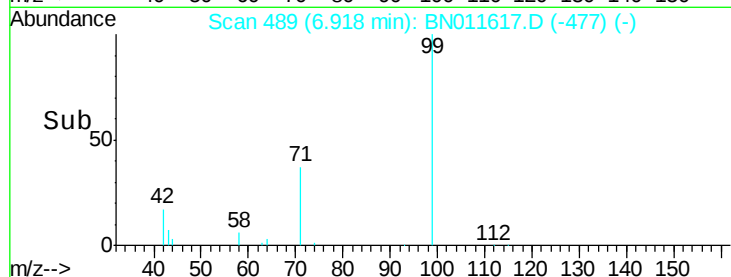


Abundance Ion 99.00 (98.70 to 99.70): BN011617.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011617.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011617.D (-477) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Tgt Ion: 136 Resp: 11609

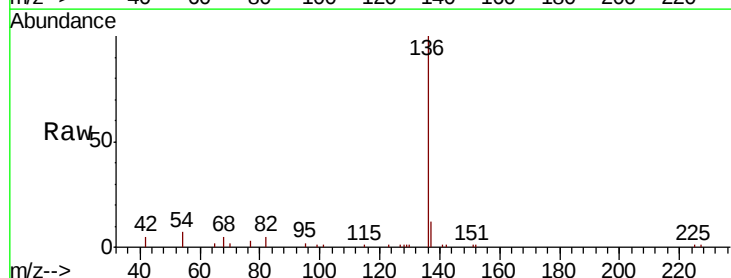
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 7.0 11.9 17.9#

68 5.4 12.3 18.5#



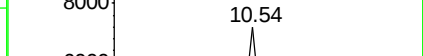
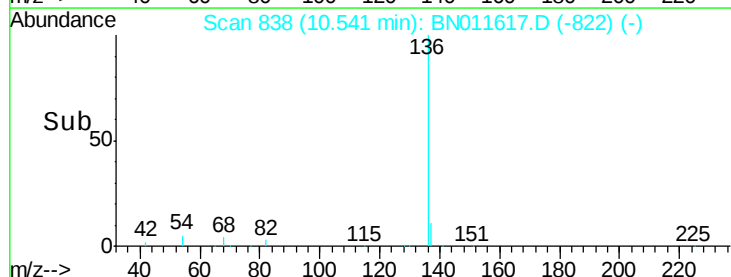
Abundance Ion 136.00 (135.70 to 136.70): BN011617.D (-822) (-)

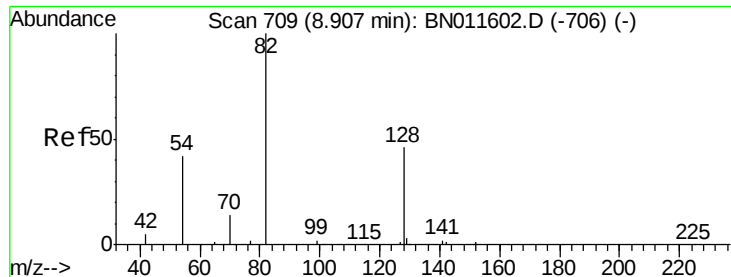
Ion 137.00 (136.70 to 137.70): BN011617.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN011617.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN011617.D (-822) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.224 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Instrument :

BNA_N

ClientSampleId :

CS-1B

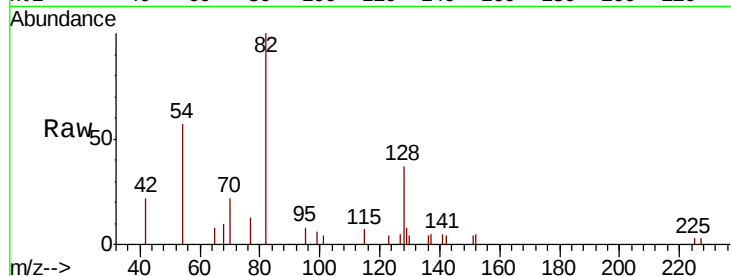
Tot Ion: 82 Resp: 2253

Ion Ratio Lower Upper

82 100

128 36.9 31.1 46.7

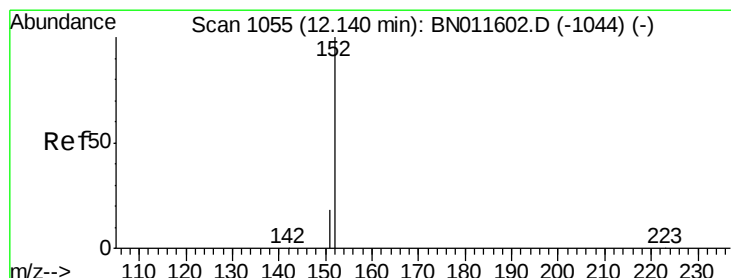
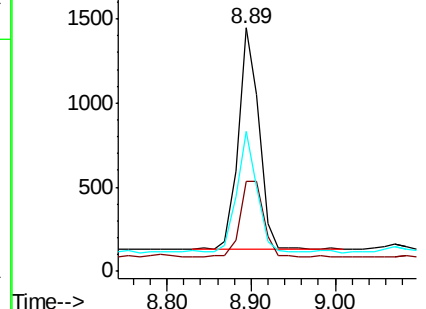
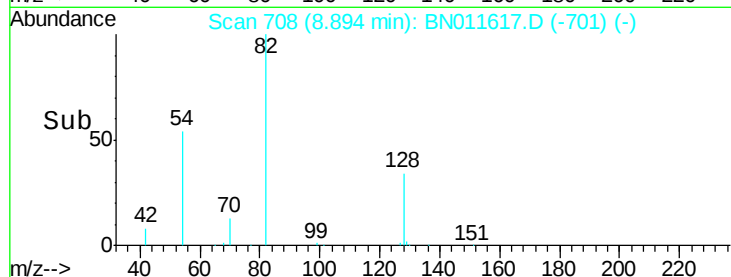
54 57.3 37.1 55.7#



Abundance Ion 82.00 (81.70 to 82.70): BN011617.D (-701) (-)

Ion 128.00 (127.70 to 128.70): BN011617.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN011617.D (-701) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.198 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011617.D

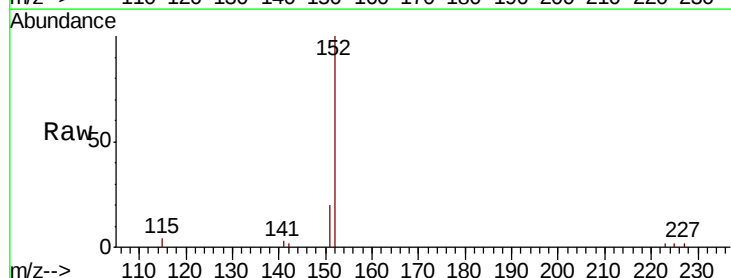
Acq: 25 Aug 2020 16:00

Tgt Ion: 152 Resp: 4344

Ion Ratio Lower Upper

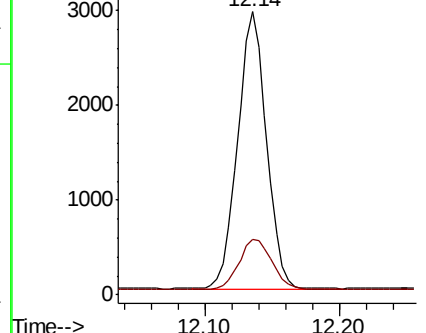
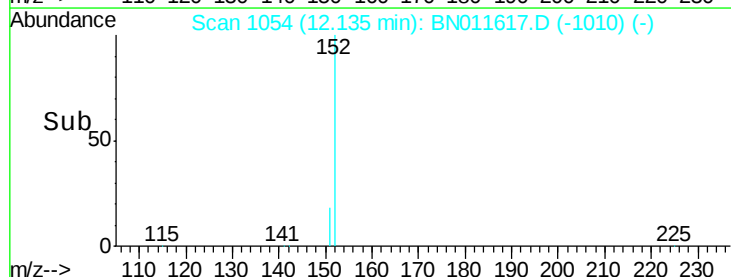
152 100

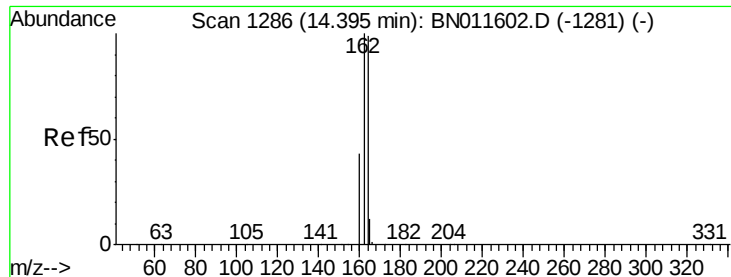
151 20.8 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BN011617.D (-1010) (-)

Ion 151.00 (150.70 to 151.70): BN011617.D (-1010) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Instrument :

BNA_N

ClientSampleId :

CS-1B

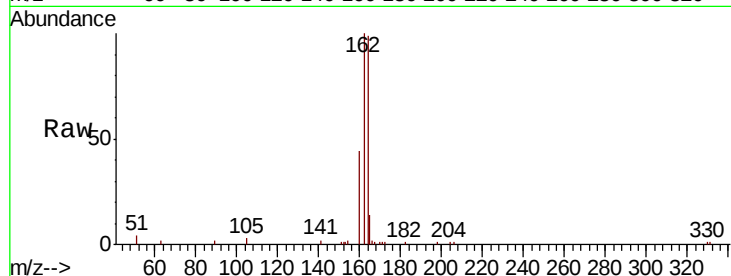
Tot Ion:164 Resp: 7365

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

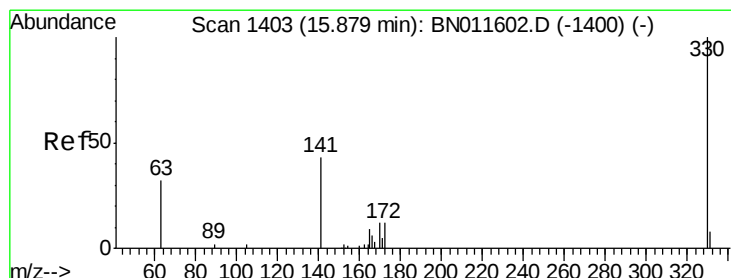
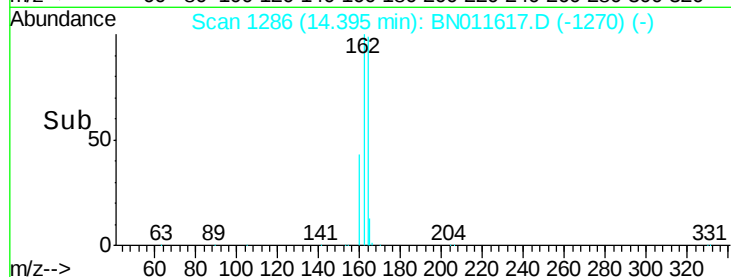
160 44.0 35.6 53.4



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



#14

2,4,6-Tribromophenol

Concen: 0.147 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

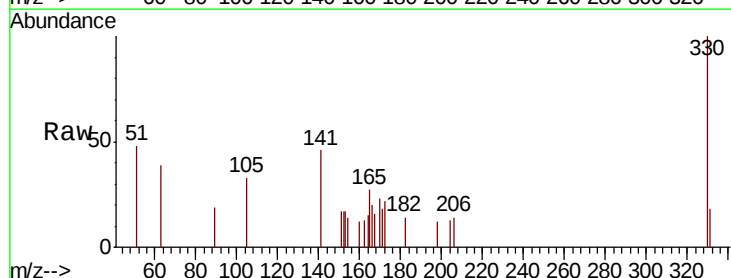
Tgt Ion:330 Resp: 593

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

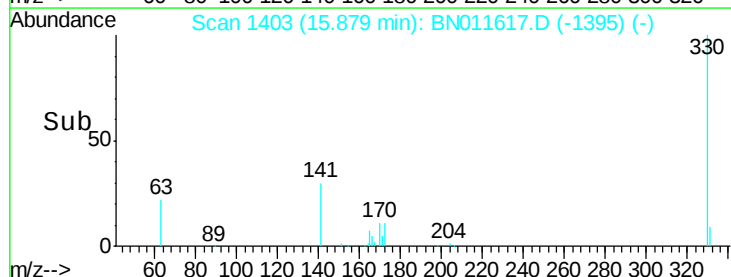
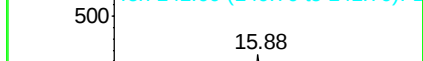
141 38.8 29.4 44.2

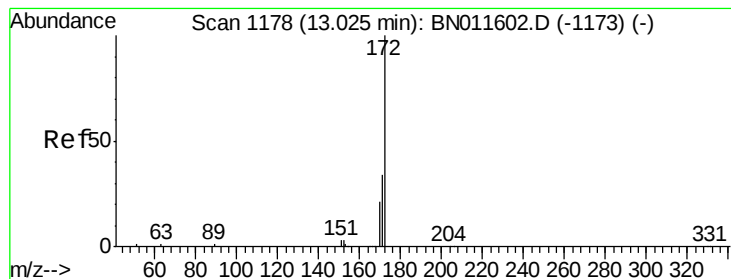


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

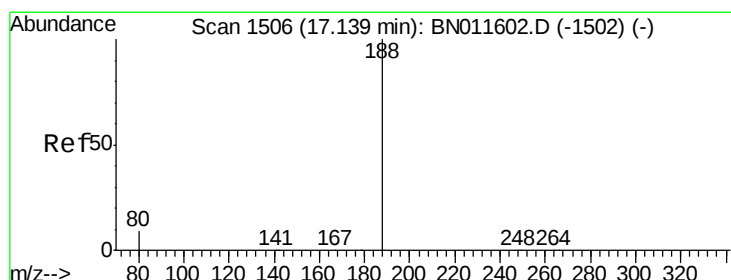
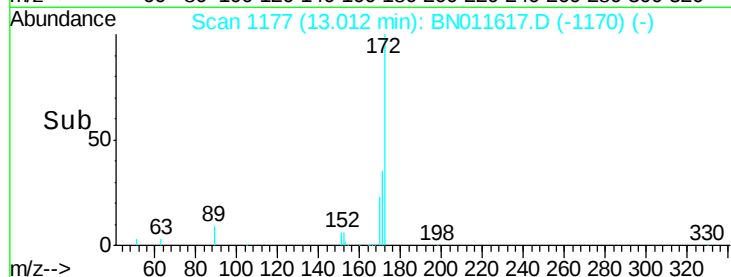
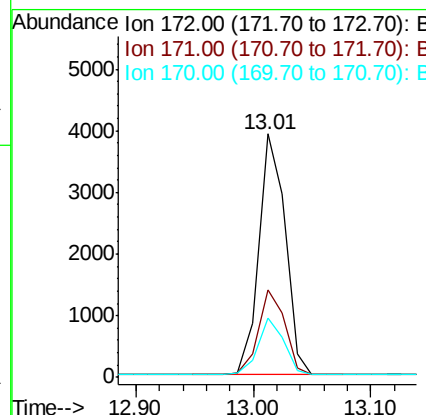
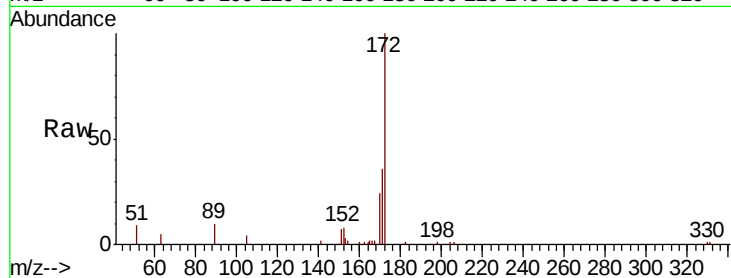




#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011617.D
Acq: 25 Aug 2020 16:00

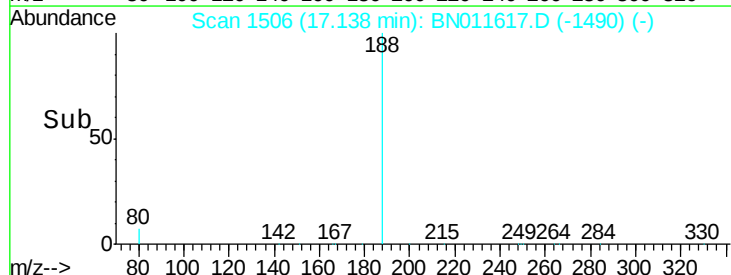
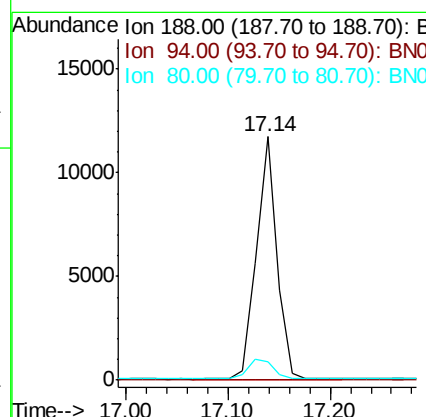
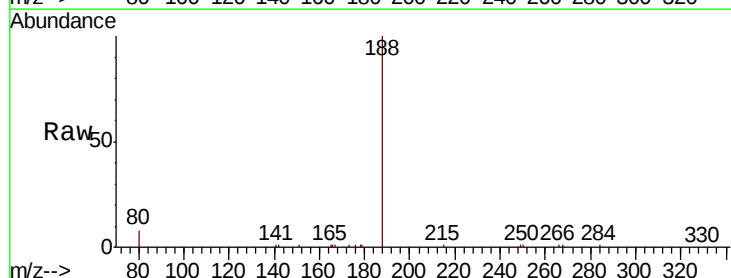
Instrument :
BNA_N
ClientSampleId :
CS-1B

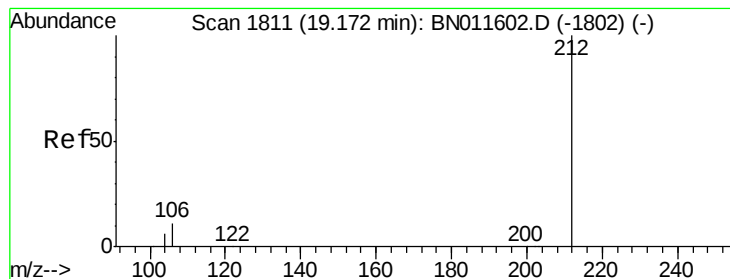
Tot Ion:172 Resp: 6122
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.2 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011617.D
Acq: 25 Aug 2020 16:00

Tgt Ion:188 Resp: 16293
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 9.2 13.8#





#27

Fluoranthene-d10

Concen: 0.198 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Instrument :

BNA_N

ClientSampleId :

CS-1B

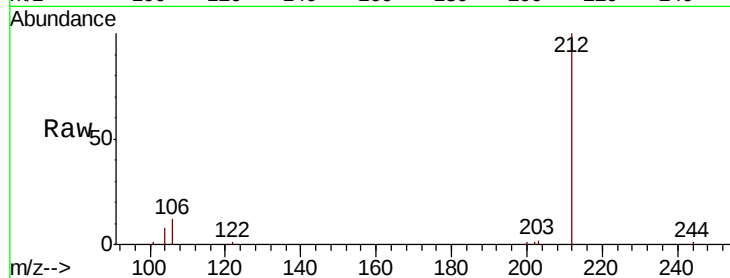
Tot Ion:212 Resp: 10522

Ion Ratio Lower Upper

212 100

106 11.0 8.9 13.3

104 6.3 5.3 7.9



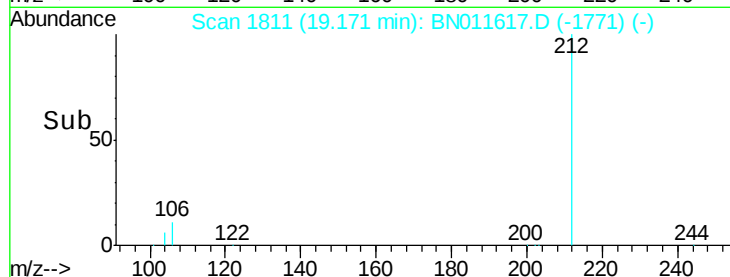
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

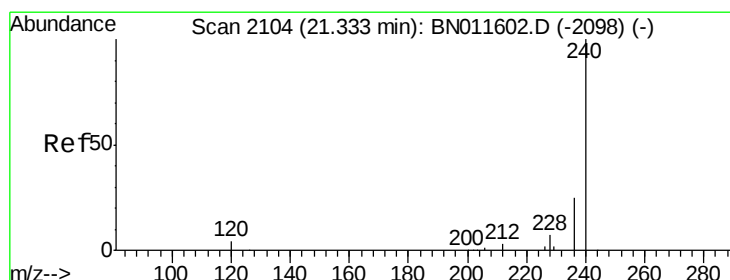
Ion 104.00 (103.70 to 104.70): E

19.17

Time-->



Time-->



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

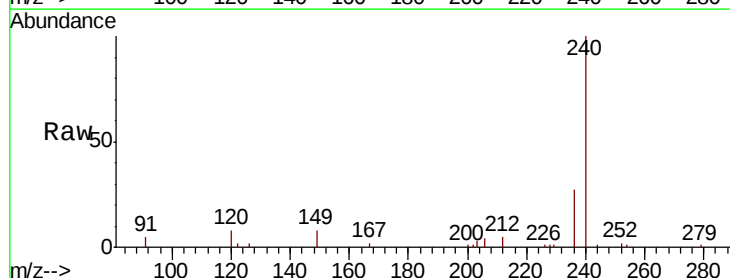
Tgt Ion:240 Resp: 17156

Ion Ratio Lower Upper

240 100

120 8.5 6.0 9.0

236 27.0 20.8 31.2



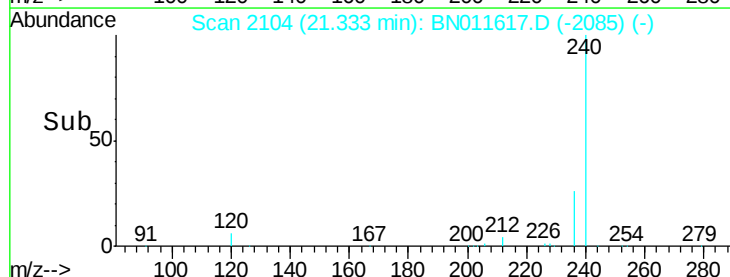
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

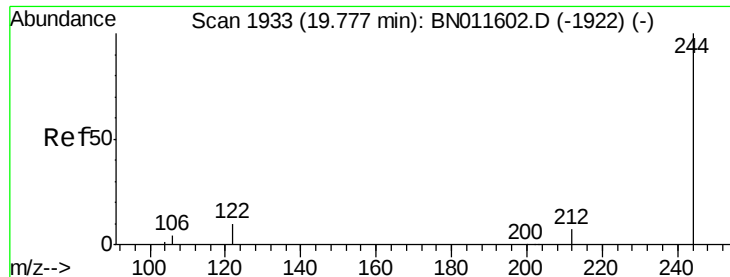
Ion 236.00 (235.70 to 236.70): E

21.33

Time-->



Time-->



#31

Terphenyl-d14

Concen: 0.215 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

Instrument :

BNA_N

ClientSampleId :

CS-1B

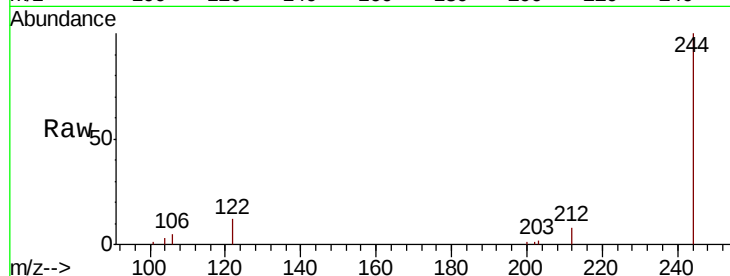
Tot Ion:244 Resp: 9412

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

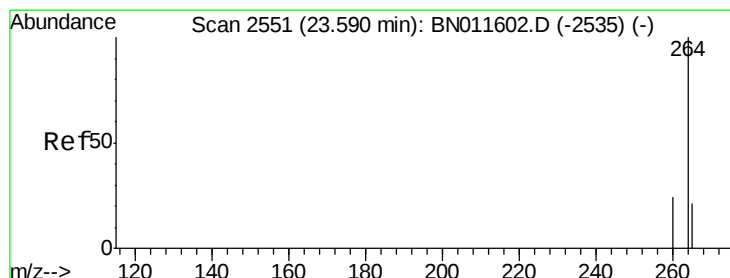
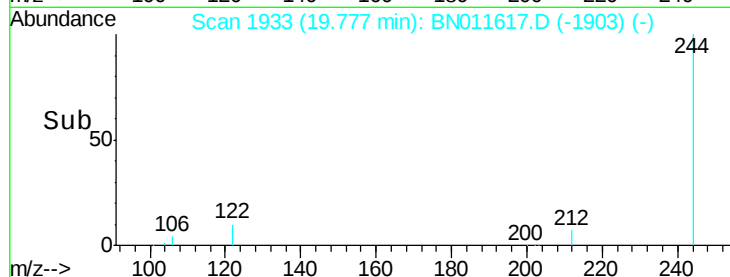
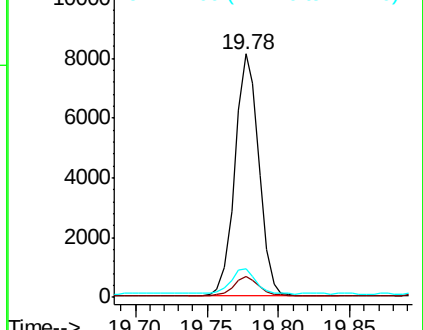
122 11.6 9.5 14.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BN011617.D

Acq: 25 Aug 2020 16:00

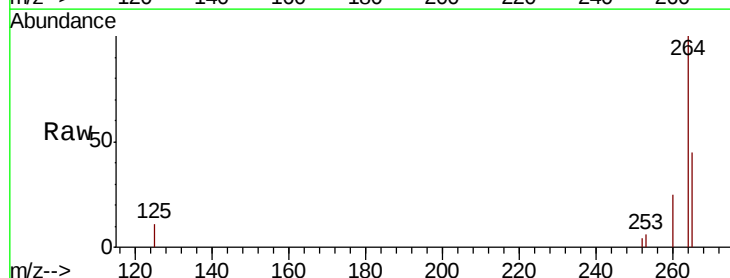
Tgt Ion:264 Resp: 20003

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 44.9 40.7 61.1



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

