

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017350.D
 Acq On : 09 Nov 2021 15:27
 Operator : CG/JU
 Sample : PB140411BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140411BL

Quant Time: Nov 09 16:14:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 14:15:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

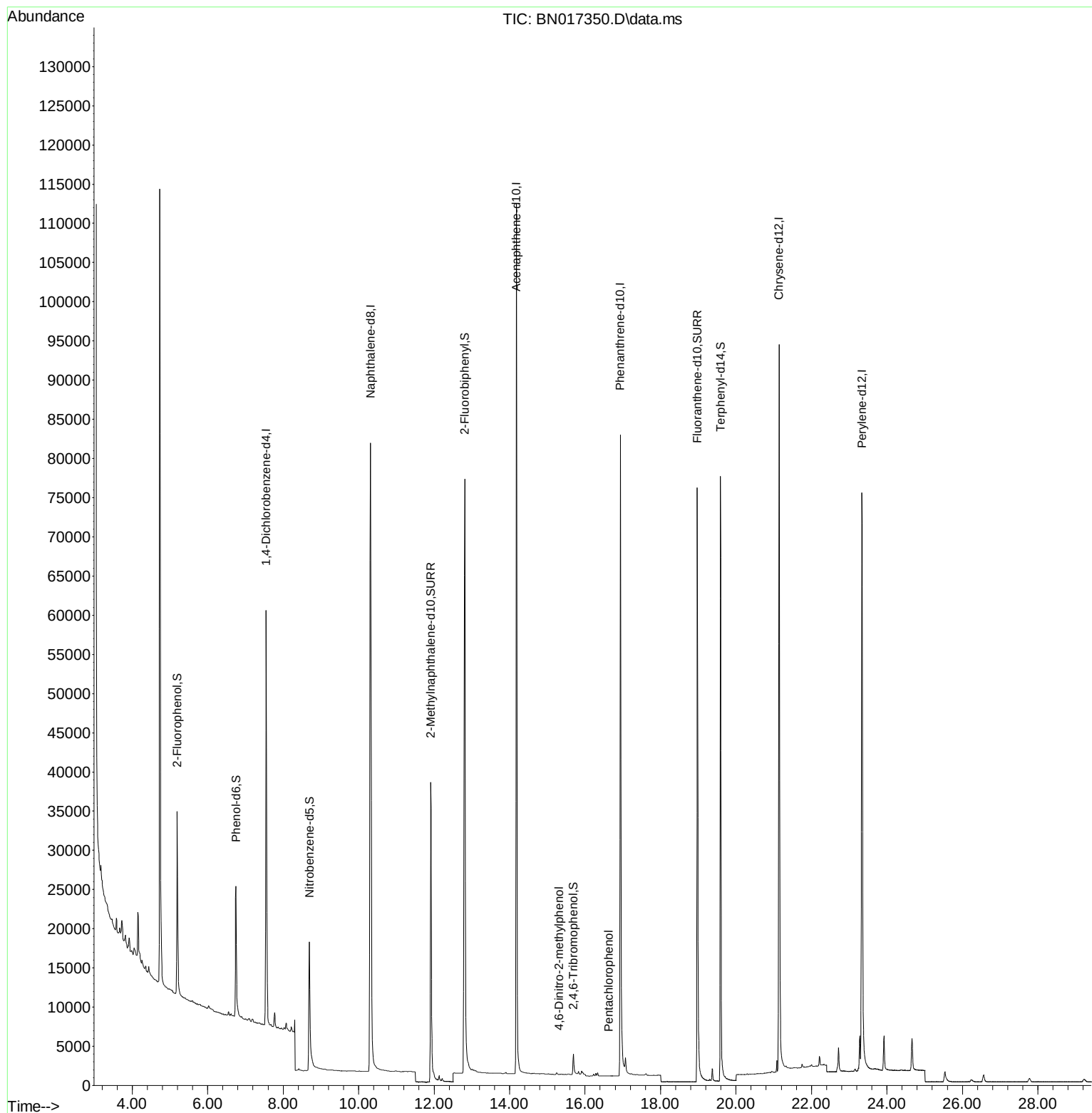
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	28064	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	125364	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	65323	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	119684	0.400	ng	# 0.00
29) Chrysene-d12	21.144	240	98561	0.400	ng	# 0.00
35) Perylene-d12	23.339	264	107282	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	20769	0.321	ng	0.03
5) Phenol-d6	6.750	99	18289	0.257	ng	0.00
8) Nitrobenzene-d5	8.697	82	19359	0.257	ng	0.01
11) 2-Methylnaphthalene-d10	11.915	152	62438	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	2762	0.113	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	80706	0.325	ng	0.01
27) Fluoranthene-d10	18.975	212	103632	0.340	ng	0.00
31) Terphenyl-d14	19.591	244	86338	0.393	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.311	198	2	0.187	ng	# 1
24) Pentachlorophenol	16.630	266	25	0.220	ng	# 81

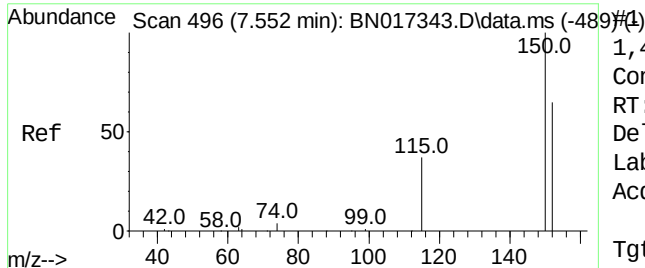
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017350.D
Acq On : 09 Nov 2021 15:27
Operator : CG/JU
Sample : PB140411BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140411BL

Quant Time: Nov 09 16:14:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 14:15:26 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL

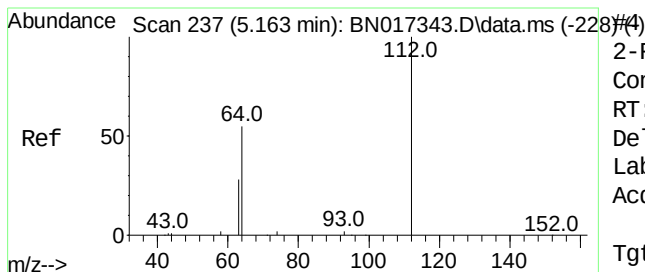
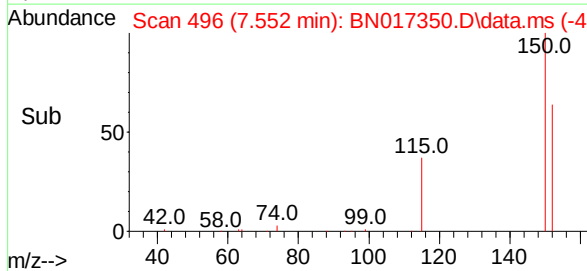
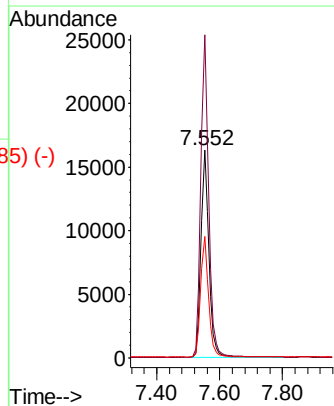
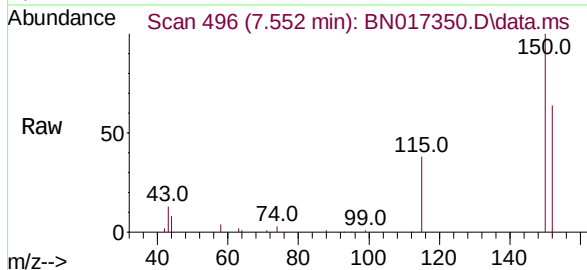
Tgt Ion:152 Resp: 28064

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

115 58.5 45.6 68.4



2-Fluorophenol

Concen: 0.321 ng

RT: 5.191 min Scan# 240

Delta R.T. 0.028 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

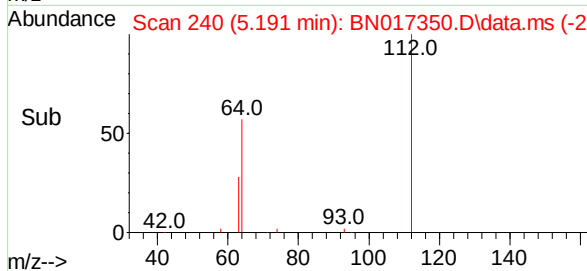
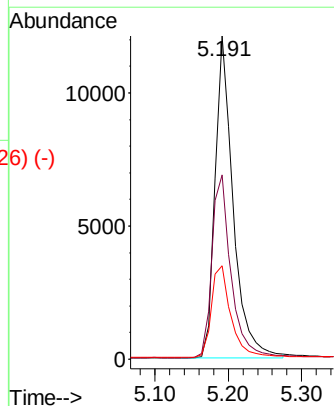
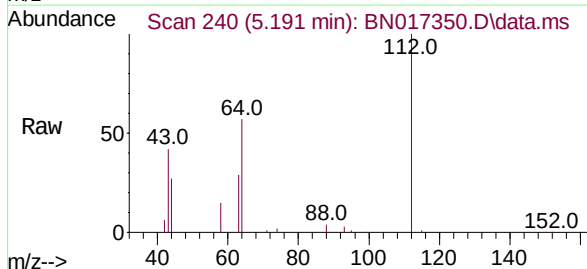
Tgt Ion:112 Resp: 20769

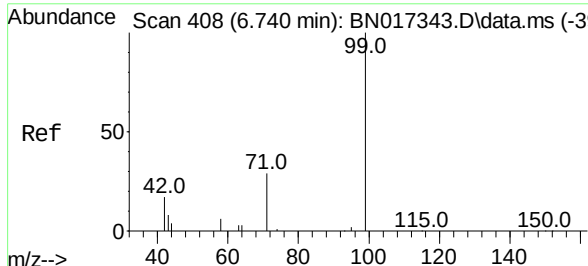
Ion Ratio Lower Upper

112 100

64 60.0 47.6 71.4

63 30.7 24.6 37.0





Phenol-d6

Concen: 0.257 ng

RT: 6.750 min Scan# 4

Delta R.T. 0.009 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL

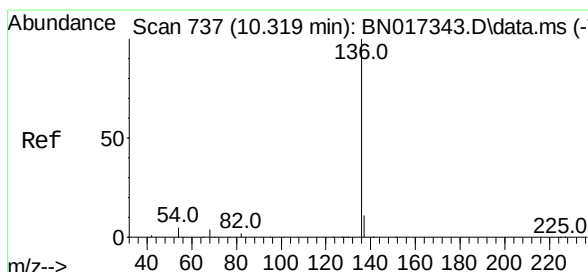
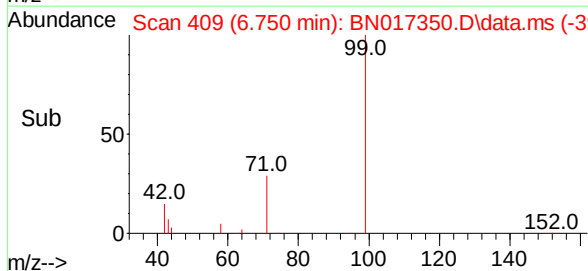
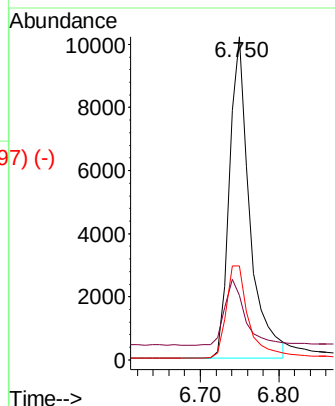
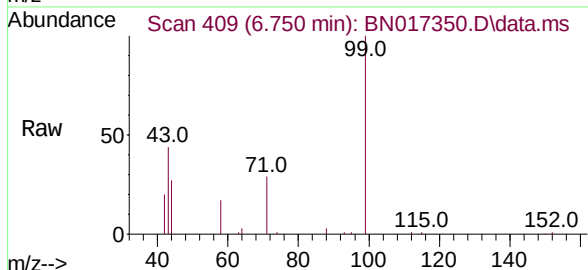
Tgt Ion: 99 Resp: 18289

Ion Ratio Lower Upper

99 100

42 20.6 17.0 25.6

71 31.6 24.8 37.2



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan# 737

Delta R.T. 0.000 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Tgt Ion: 136 Resp: 125364

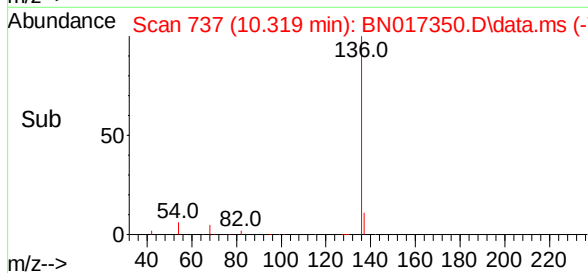
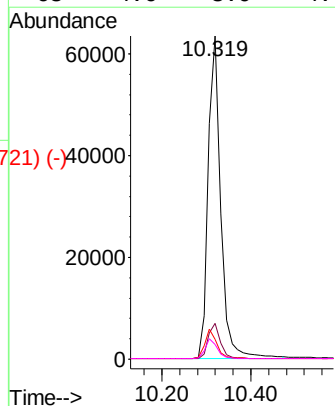
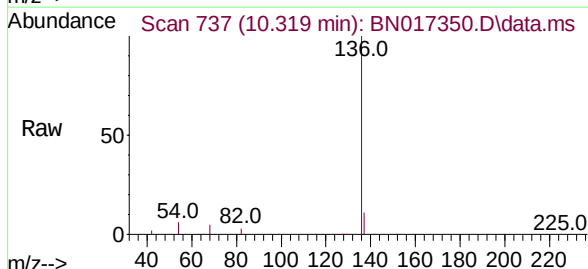
Ion Ratio Lower Upper

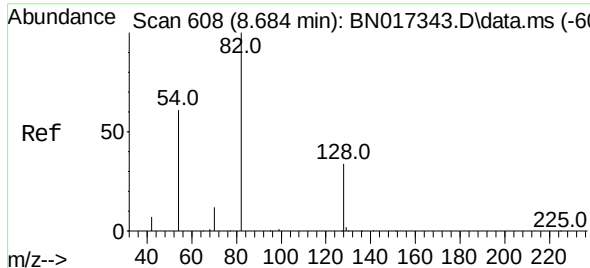
136 100

137 11.0 8.8 13.2

54 6.1 4.0 6.0#

68 4.6 3.0 4.6#





Nitrobenzene-d5

Concen: 0.257 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL

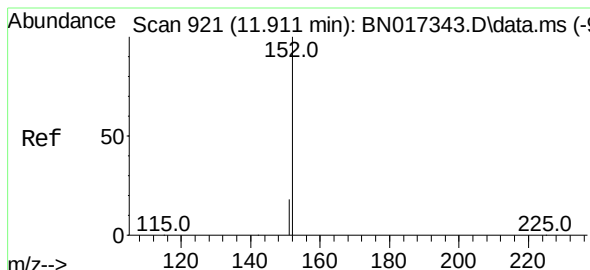
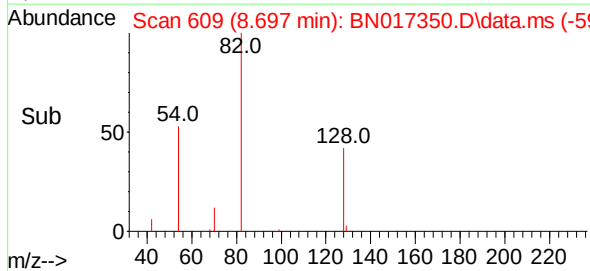
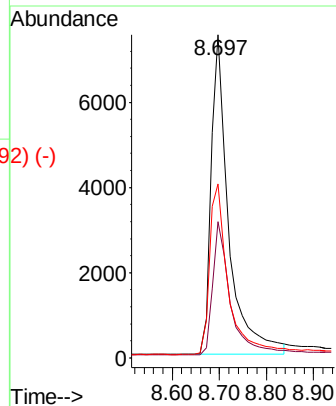
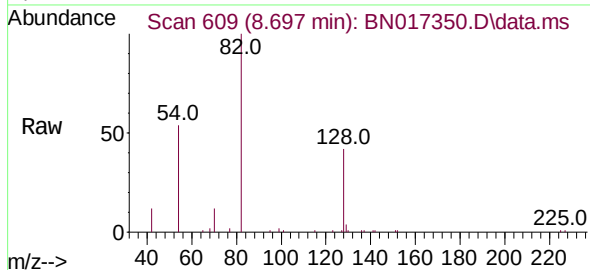
Tgt Ion: 82 Resp: 19359

Ion Ratio Lower Upper

82 100

128 42.2 27.7 41.5#

54 53.8 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 11.915 min Scan# 922

Delta R.T. 0.005 min

Lab File: BN017350.D

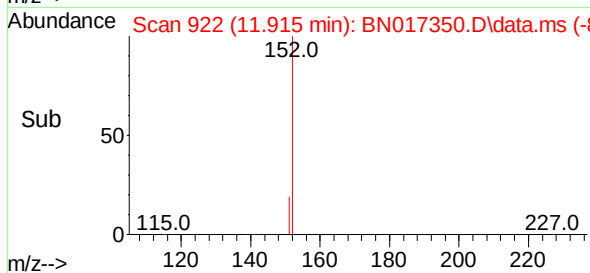
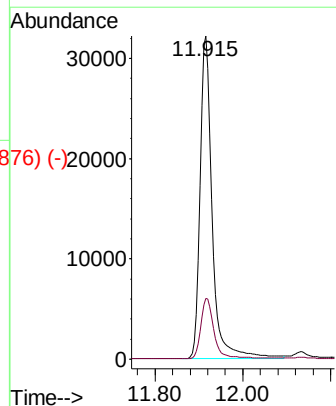
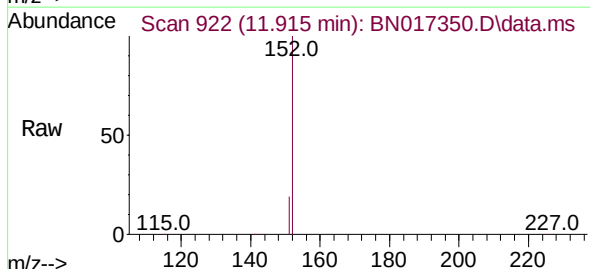
Acq: 09 Nov 2021 15:27

Tgt Ion: 152 Resp: 62438

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1178) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017350.D

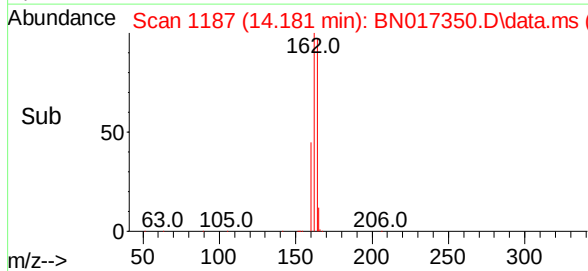
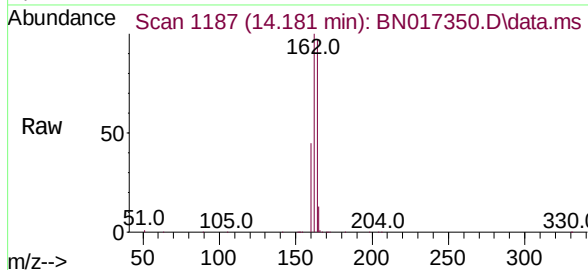
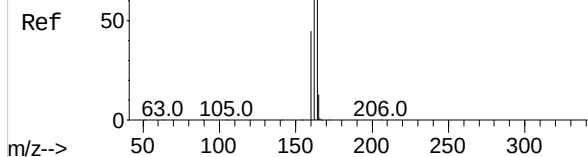
Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL



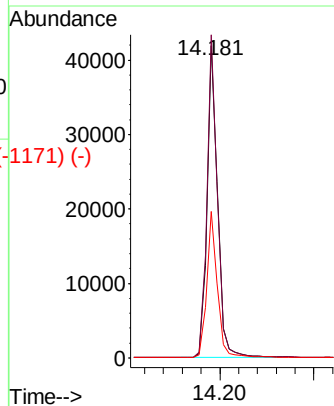
Tgt Ion:164 Resp: 65323

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.2

160 46.8 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1306) (-)

2,4,6-Tribromophenol

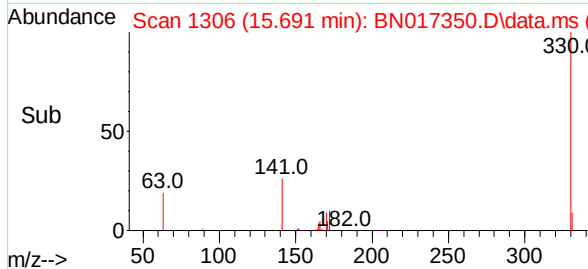
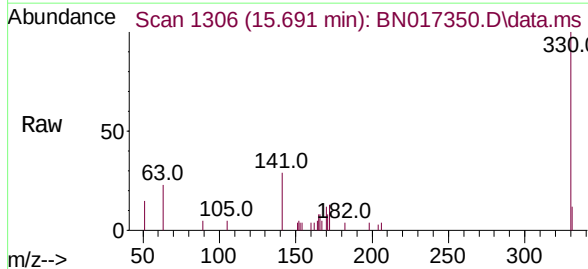
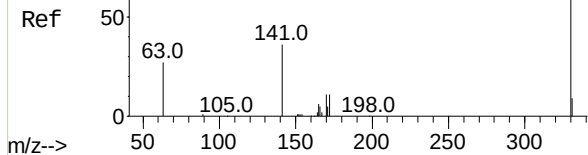
Concen: 0.113 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.013 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27



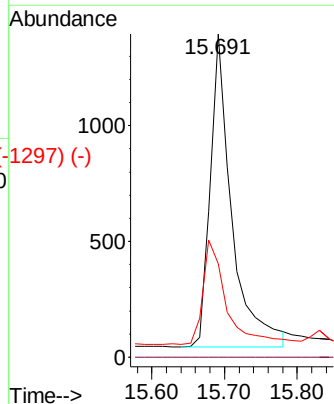
Tgt Ion:330 Resp: 2762

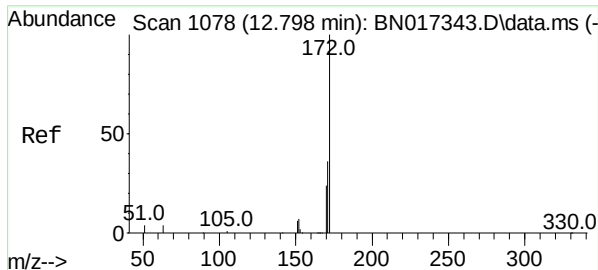
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.1 28.9 43.3

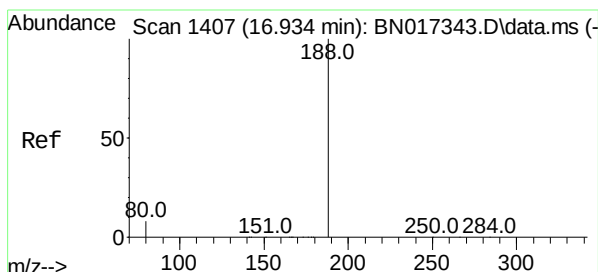
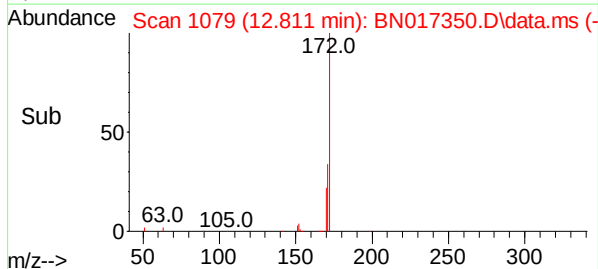
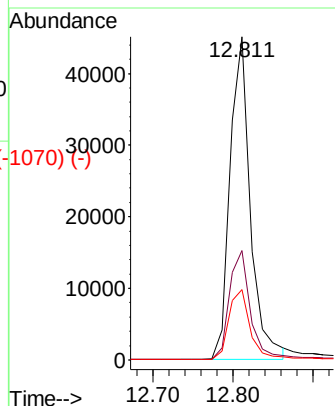
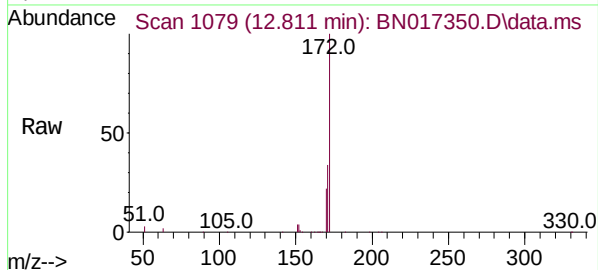




Scan 1078 (12.798 min): BN017343.D\data.ms (-10715) (-)
 2-Fluorobiphenyl
 Concen: 0.325 ng
 RT: 12.811 min Scan# 1079
 Delta R.T. 0.013 min
 Lab File: BN017350.D
 Acq: 09 Nov 2021 15:27

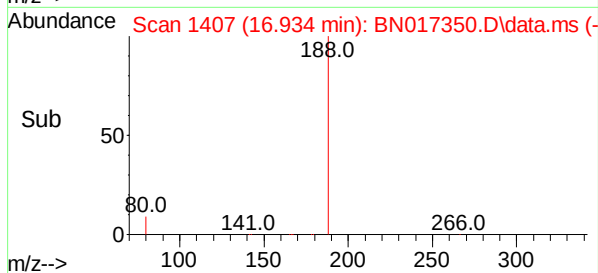
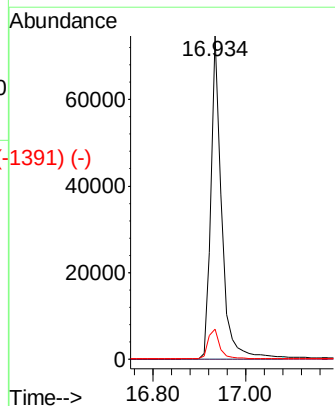
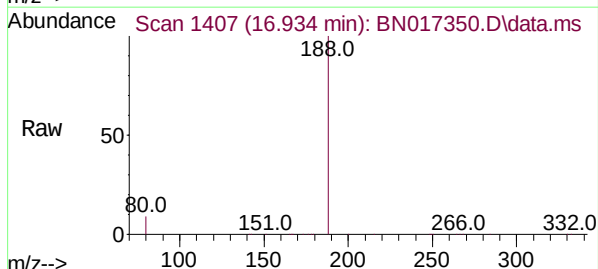
Instrument :
 BNA_N
 ClientSampleId :
 PB140411BL

Tgt Ion:	172	Resp:	80706
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	21.8	19.4	29.2



Scan 1407 (16.934 min): BN017343.D\data.ms (-14019) (-)
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.934 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BN017350.D
 Acq: 09 Nov 2021 15:27

Tgt Ion:	188	Resp:	119684
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.1	9.1#



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1270) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.311 min Scan# 1276

Delta R.T. -0.025 min

Lab File: BN017350.D

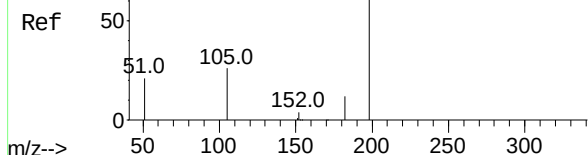
Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL



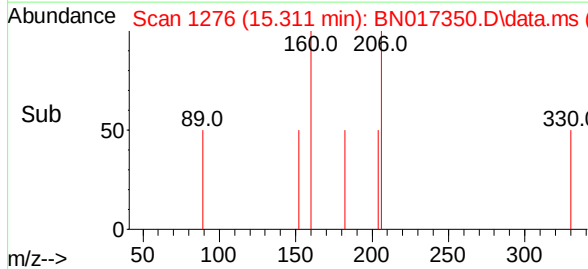
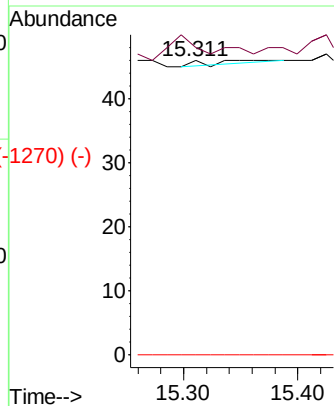
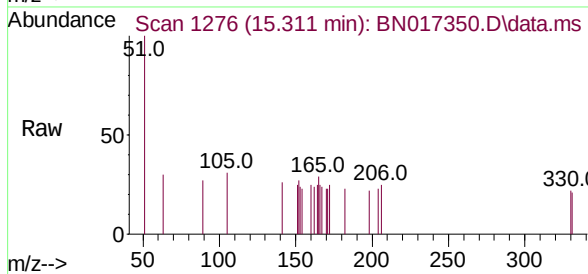
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

182 104.3 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

Pentachlorophenol

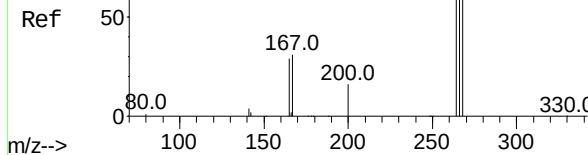
Concen: 0.220 ng

RT: 16.630 min Scan# 1382

Delta R.T. 0.037 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27



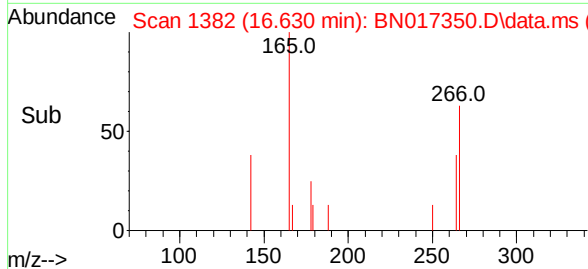
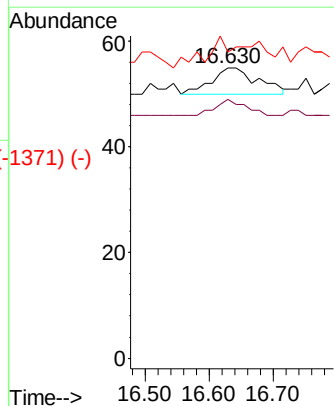
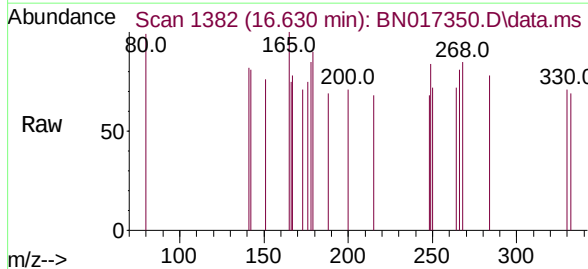
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 36.0 49.8 74.8#

268 68.0 51.3 76.9



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017350.D

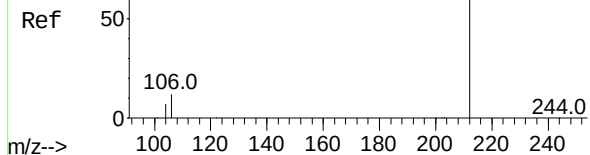
Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL



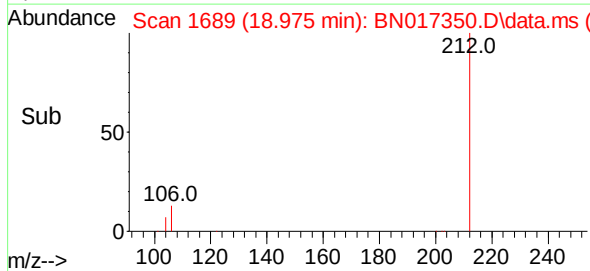
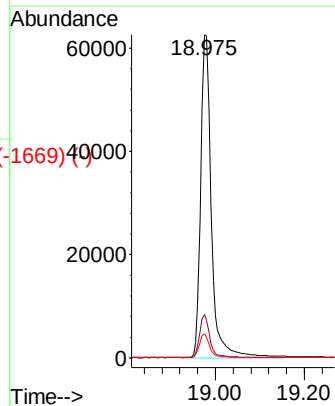
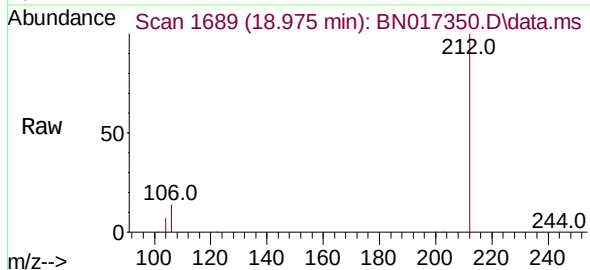
Tgt Ion:212 Resp: 103632

Ion Ratio Lower Upper

212 100

106 13.1 10.5 15.7

104 7.2 5.8 8.6



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1929) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

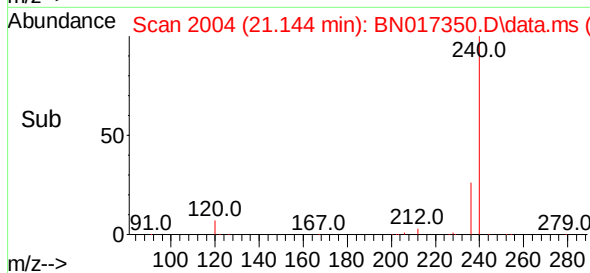
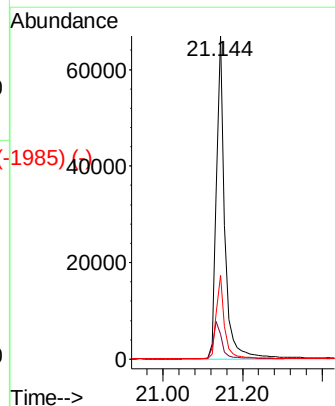
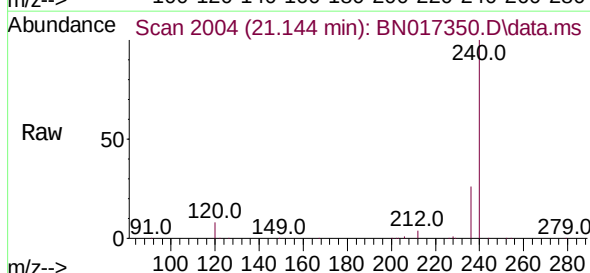
Tgt Ion:240 Resp: 98561

Ion Ratio Lower Upper

240 100

120 7.6 4.2 6.2#

236 25.9 20.0 30.0



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1831) (-)

Terphenyl-d14

Concen: 0.393 ng

RT: 19.591 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Instrument :

BNA_N

ClientSampleId :

PB140411BL

Tgt Ion:244 Resp: 86338

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.7 8.6 13.0

Abundance Scan 1813 (19.591 min): BN017350.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

Abundance Scan 1813 (19.591 min): BN017350.D\data.ms (-1783) (-)

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

Abundance

60000

40000

20000

0

19.591

Time-->

19.60

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2325) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.339 min Scan# 2395

Delta R.T. 0.004 min

Lab File: BN017350.D

Acq: 09 Nov 2021 15:27

Tgt Ion:264 Resp: 107282

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 23.1 18.6 28.0

Abundance Scan 2395 (23.339 min): BN017350.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

m/z-->

125.0 264.0

Abundance

50000

40000

30000

20000

10000

0

23.339

Time-->

23.20 23.40

Abundance Scan 2395 (23.339 min): BN017350.D\data.ms (-2350) (-)

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

m/z-->

125.0 264.0