

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017361.D
 Acq On : 09 Nov 2021 23:23
 Operator : CG/JU
 Sample : PB140411BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140411BL

Quant Time: Nov 10 11:21:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

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

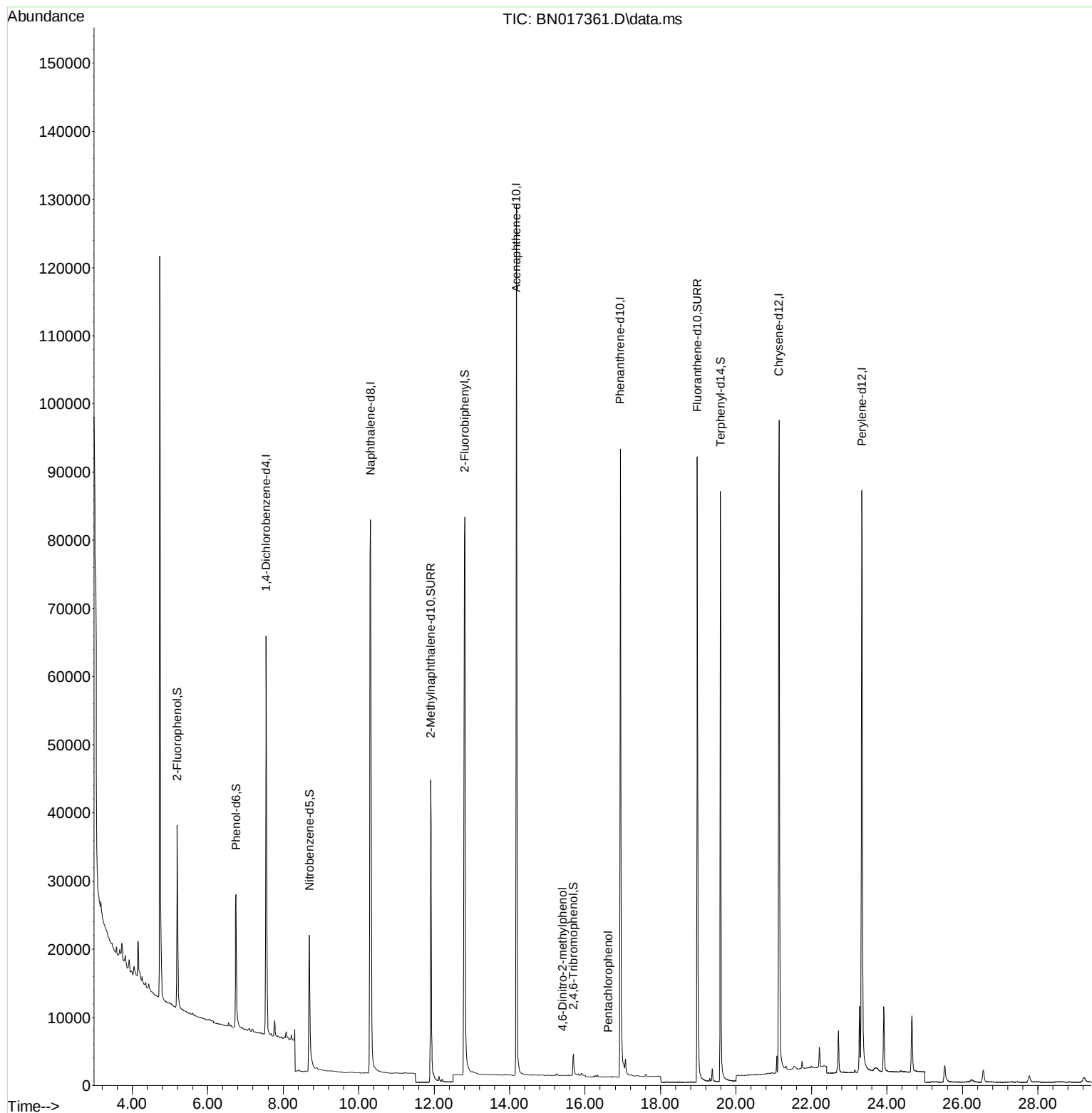
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	31086	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	132256	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	73151	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	132675	0.400	ng	0.00
29) Chrysene-d12	21.144	240	114023	0.400	ng	0.01
35) Perylene-d12	23.335	264	121905	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	23677	0.330	ng	0.03
5) Phenol-d6	6.749	99	21020	0.266	ng	0.02
8) Nitrobenzene-d5	8.697	82	22612	0.285	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	69581	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	3359	0.123	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	89956	0.323	ng	0.01
27) Fluoranthene-d10	18.975	212	116281	0.344	ng	0.00
31) Terphenyl-d14	19.590	244	97584	0.384	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.412	198	8	0.187	ng	Qvalue # 1
24) Pentachlorophenol	16.617	266	64	0.221	ng	93

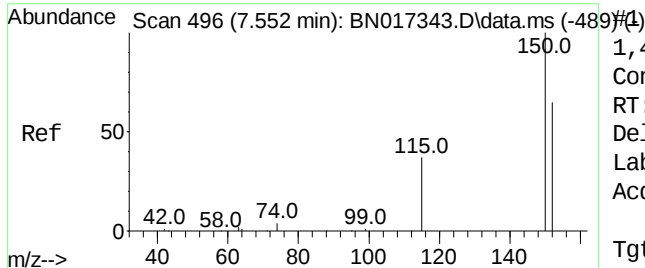
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. 0.010 min

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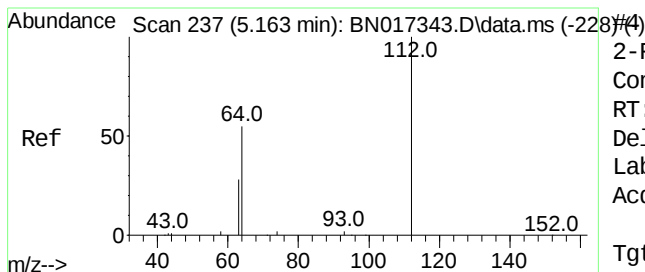
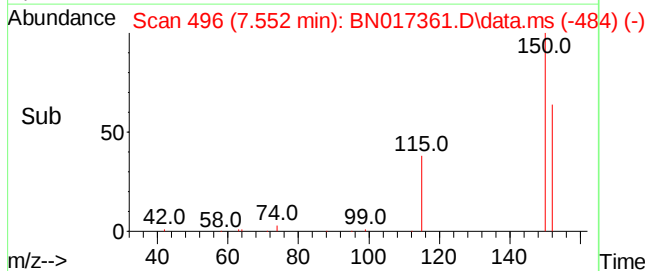
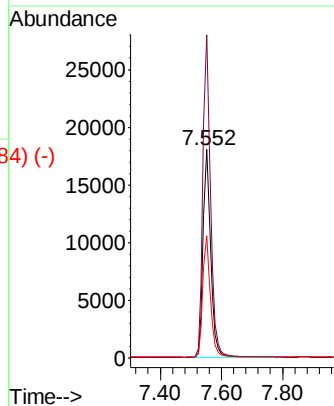
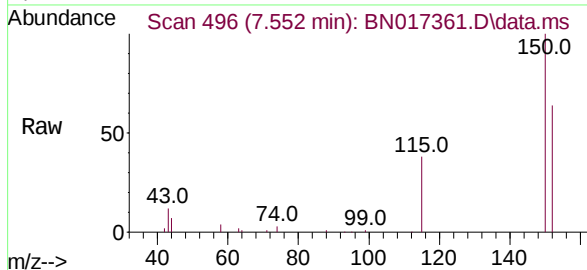
Tgt Ion:152 Resp: 31086

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

115 58.8 45.6 68.4



2-Fluorophenol

Concen: 0.330 ng

RT: 5.191 min Scan# 240

Delta R.T. 0.028 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

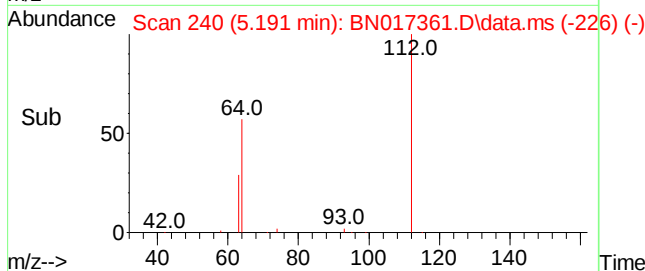
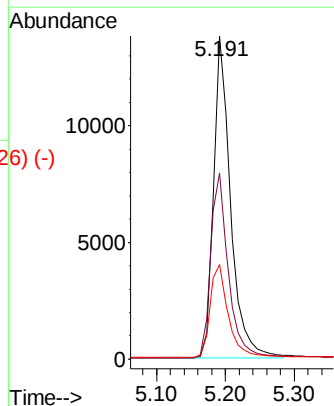
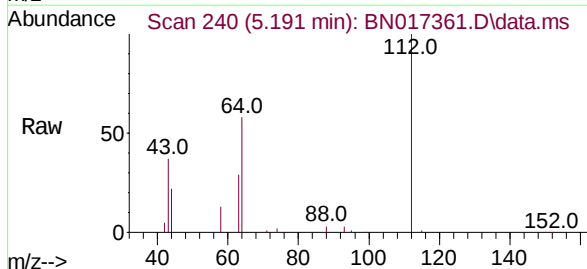
Tgt Ion:112 Resp: 23677

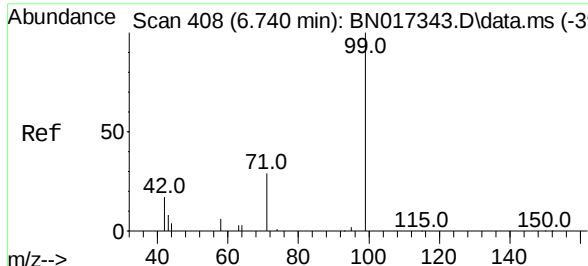
Ion Ratio Lower Upper

112 100

64 59.3 47.6 71.4

63 30.7 24.6 37.0

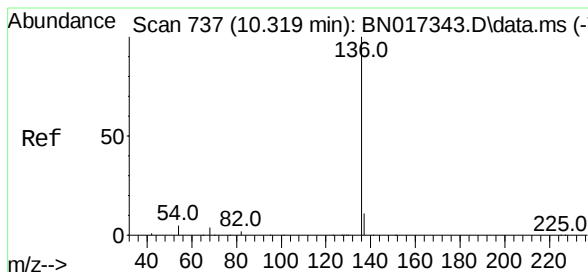
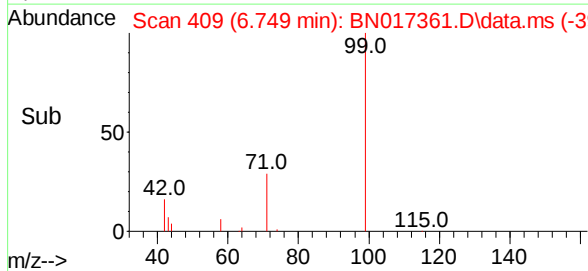
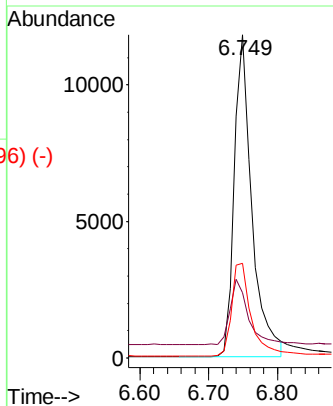
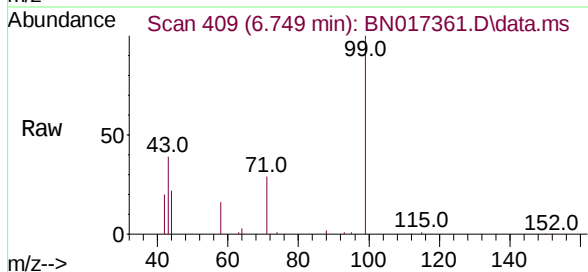




Phenol-d6
 Concen: 0.266 ng
 RT: 6.749 min Scan# 408
 Delta R.T. 0.018 min
 Lab File: BN017361.D
 Acq: 09 Nov 2021 23:23

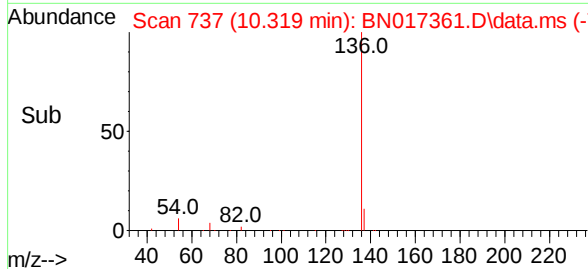
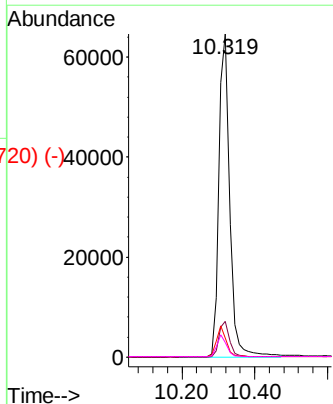
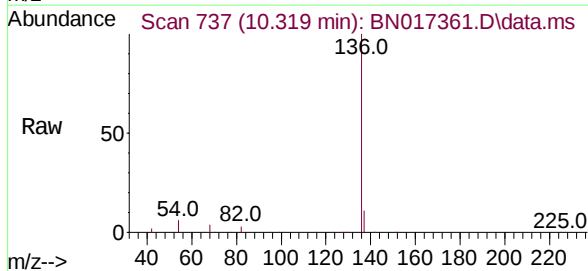
Instrument :
 BNA_N
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 PB140411BL

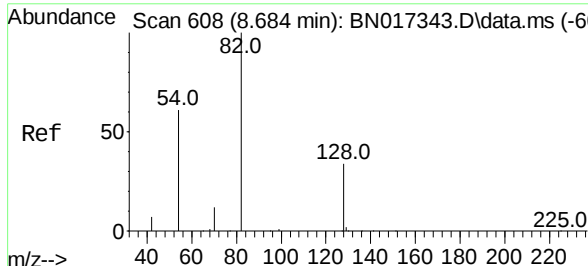
Tgt Ion: 99 Resp: 21020
 Ion Ratio Lower Upper
 99 100
 42 21.2 17.0 25.6
 71 31.8 24.8 37.2



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. 0.013 min
 Lab File: BN017361.D
 Acq: 09 Nov 2021 23:23

Tgt Ion: 136 Resp: 132256
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.8 13.2
 54 5.9 4.0 6.0
 68 4.5 3.0 4.6





Nitrobenzene-d5

Concen: 0.285 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

Instrument :

BNA_N

ClientSampleId :

PB140411BL

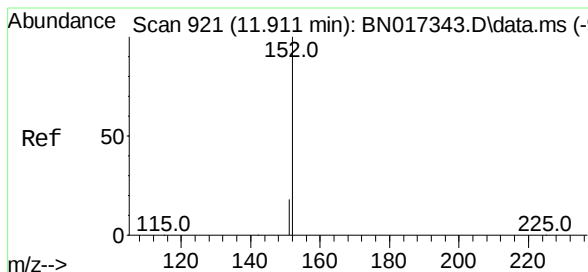
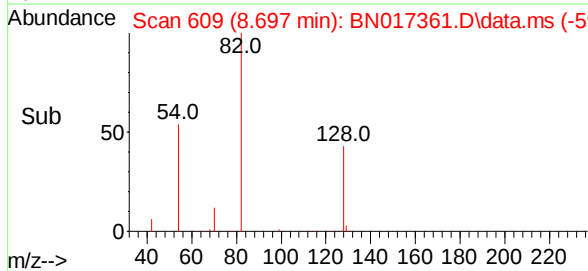
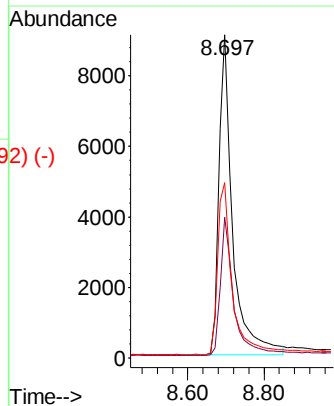
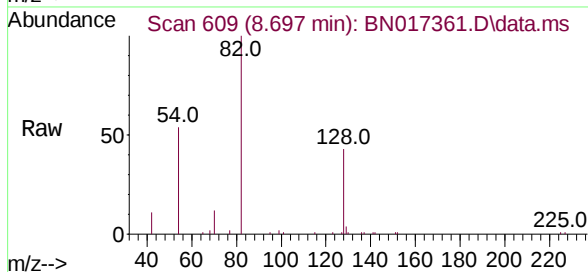
Tgt Ion: 82 Resp: 22612

Ion Ratio Lower Upper

82 100

128 43.5 27.7 41.5#

54 54.3 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 11.911 min Scan# 921

Delta R.T. -0.000 min

Lab File: BN017361.D

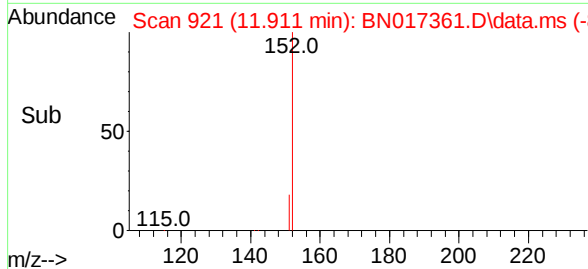
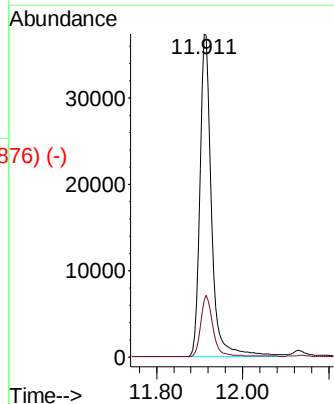
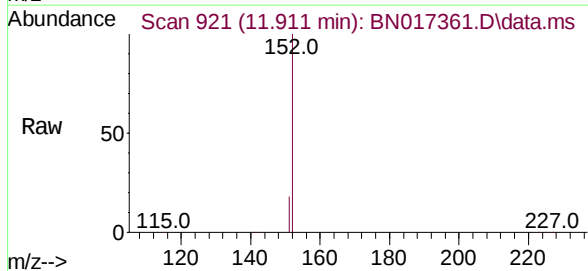
Acq: 09 Nov 2021 23:23

Tgt Ion: 152 Resp: 69581

Ion Ratio Lower Upper

152 100

151 20.4 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: BN017361.D

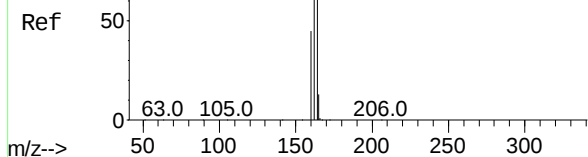
Acq: 09 Nov 2021 23:23

Instrument :

BNA_N

ClientSampleId :

PB140411BL



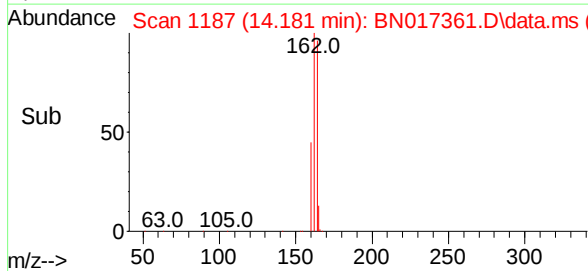
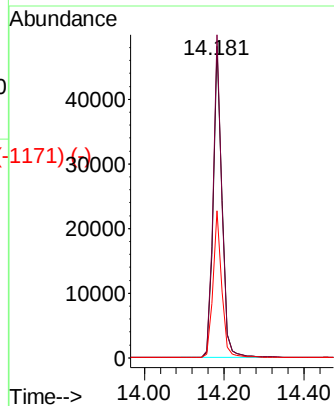
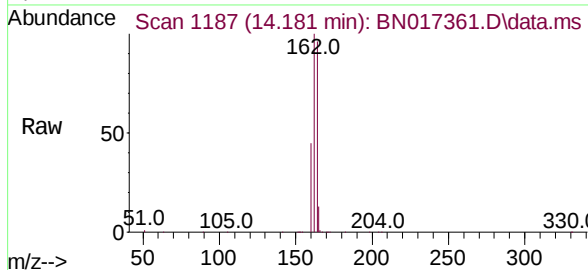
Tgt Ion:164 Resp: 73151

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.2

160 47.1 36.8 55.2



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

2,4,6-Tribromophenol

Concen: 0.123 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.013 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

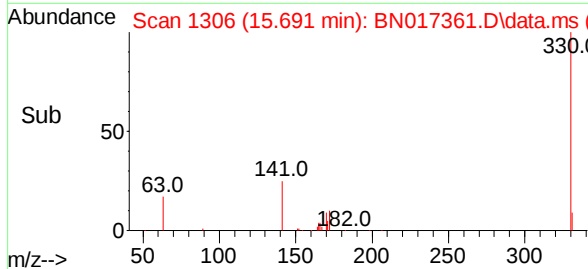
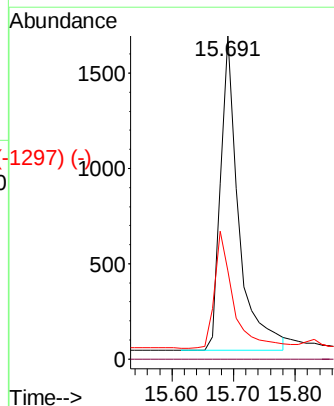
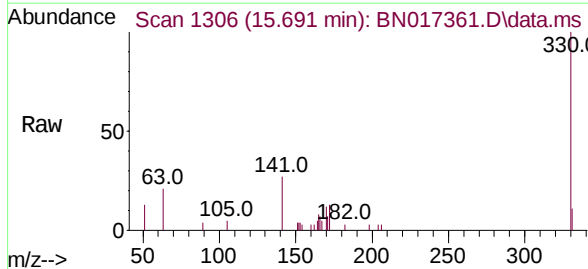
Tgt Ion:330 Resp: 3359

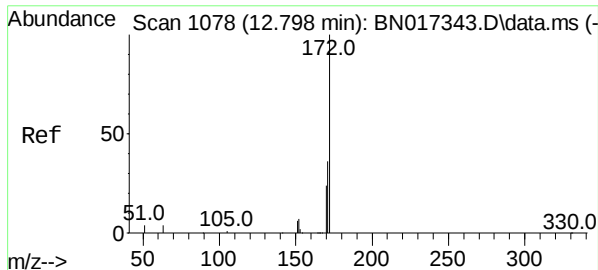
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.8 28.9 43.3

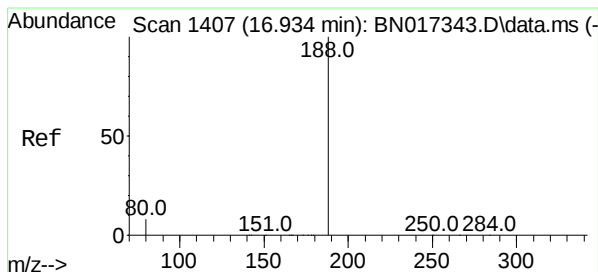
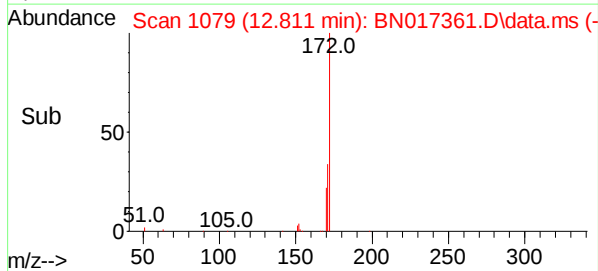
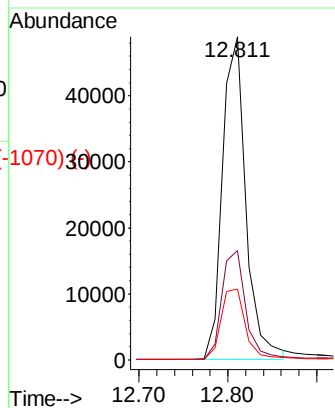
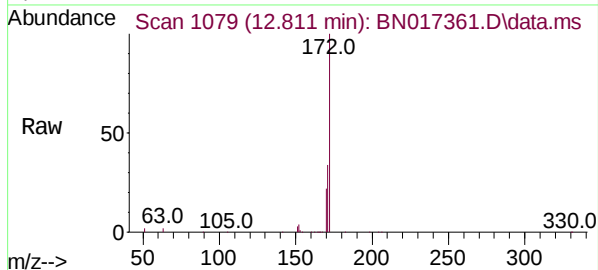




Scan 1078 (12.798 min): BN017343.D\data.ms (-10715)
 2-Fluorobiphenyl
 Concen: 0.323 ng
 RT: 12.811 min Scan# 1079
 Delta R.T. 0.013 min
 Lab File: BN017361.D
 Acq: 09 Nov 2021 23:23

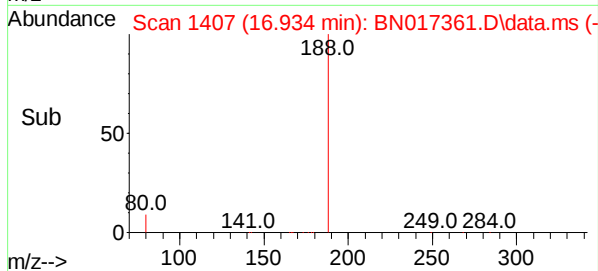
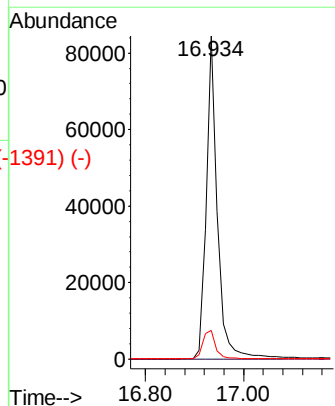
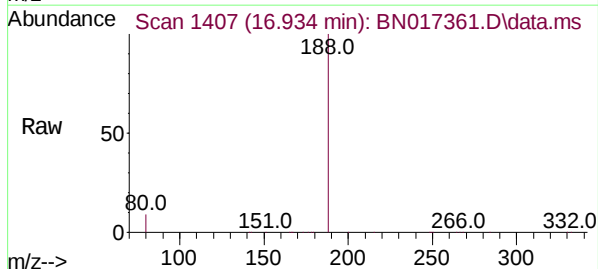
Instrument :
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Tgt Ion:	172	Resp:	89956
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	21.9	19.4	29.2



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: BN017361.D
 Acq: 09 Nov 2021 23:23

Tgt Ion:	188	Resp:	132675
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	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: 15.412 min Scan# 1270

Delta R.T. 0.076 min

Lab File: BN017361.D

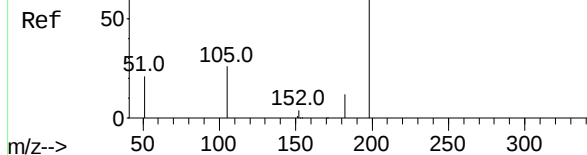
Acq: 09 Nov 2021 23:23

Instrument :

BNA_N

ClientSampleId :

PB140411BL



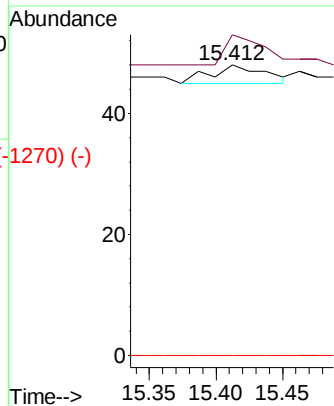
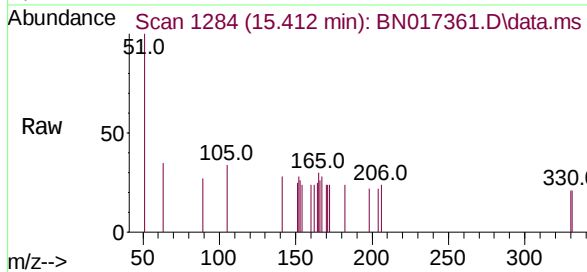
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

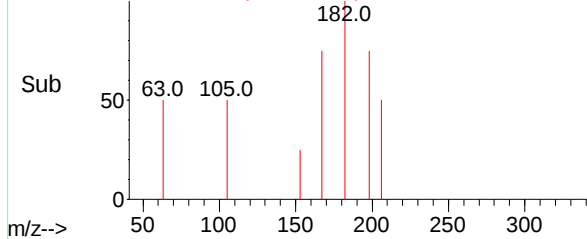
198 100

182 110.4 11.4 17.2#

77 0.0 0.0 0.0



Abundance Scan 1284 (15.412 min): BN017361.D\data.ms (-1270) (-)



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

Pentachlorophenol

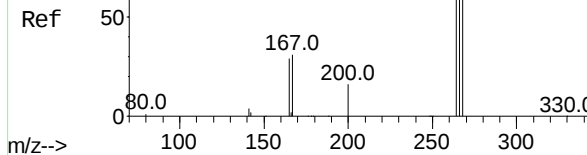
Concen: 0.221 ng

RT: 16.617 min Scan# 1381

Delta R.T. 0.024 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23



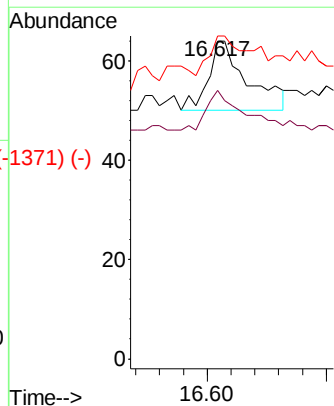
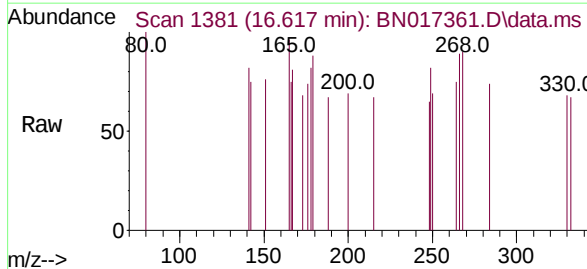
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

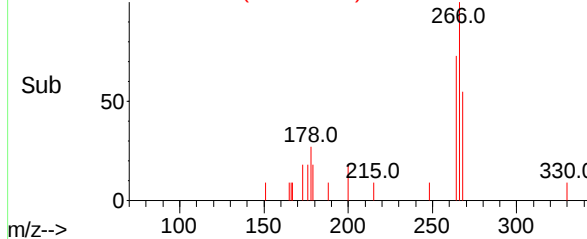
266 100

264 53.1 49.8 74.8

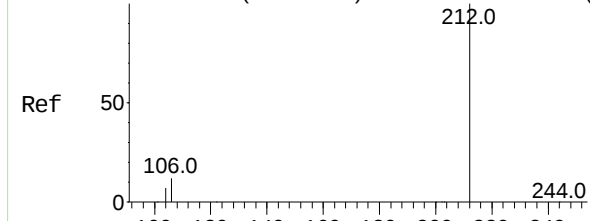
268 65.6 51.3 76.9



Abundance Scan 1381 (16.617 min): BN017361.D\data.ms (-1371) (-)



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



Fluoranthene-d10

Concen: 0.344 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017361.D

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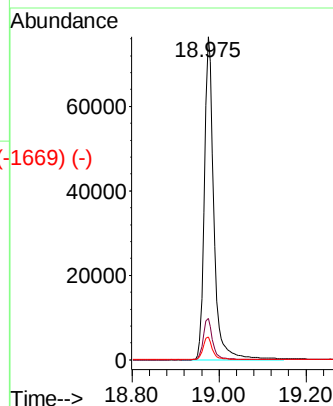
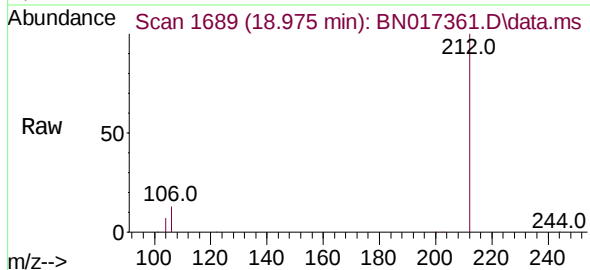
Tgt Ion:212 Resp: 116281

Ion Ratio Lower Upper

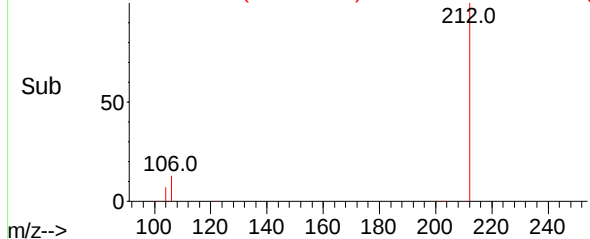
212 100

106 12.9 10.5 15.7

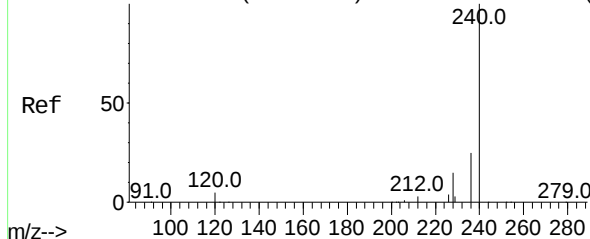
104 7.1 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017361.D\data.ms (-1669) (-)



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. 0.011 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

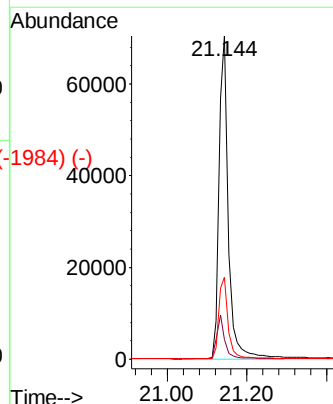
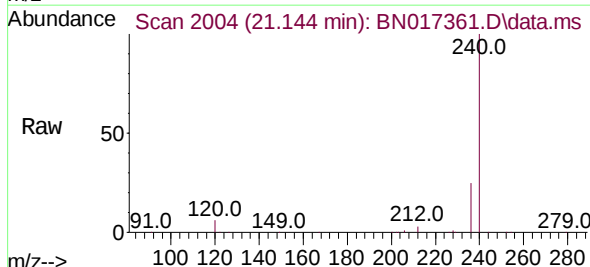
Tgt Ion:240 Resp: 114023

Ion Ratio Lower Upper

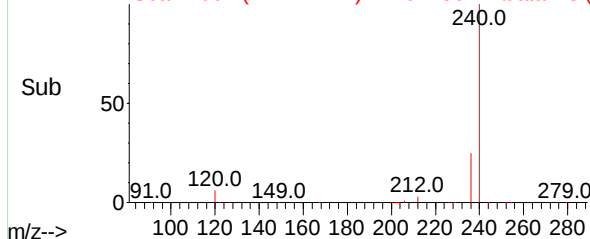
240 100

120 6.1 4.2 6.2

236 25.3 20.0 30.0



Abundance Scan 2004 (21.144 min): BN017361.D\data.ms (-1984) (-)



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 0.384 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

Instrument :

BNA_N

ClientSampleId :

PB140411BL

Tgt Ion:244 Resp: 97584

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.8 8.6 13.0

Abundance Scan 1813 (19.590 min): BN017361.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

100 120 140 160 180 200 220 240

Abundance Scan 1813 (19.590 min): BN017361.D\data.ms (-1783) (-)

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

100 120 140 160 180 200 220 240

Abundance

19.590

60000

40000

20000

0

Time-->

19.60

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

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN017361.D

Acq: 09 Nov 2021 23:23

Tgt Ion:264 Resp: 121905

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.8 18.6 28.0

Abundance Scan 2394 (23.335 min): BN017361.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

120 140 160 180 200 220 240 260

Abundance

23.335

40000

20000

0

Time-->

23.20 23.40

Abundance Scan 2394 (23.335 min): BN017361.D\data.ms (-2350) (-)

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

120 140 160 180 200 220 240 260