

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017362.D
 Acq On : 10 Nov 2021 00:00
 Operator : CG/JU
 Sample : PB140531BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140531BL

Quant Time: Nov 10 11:21:58 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)

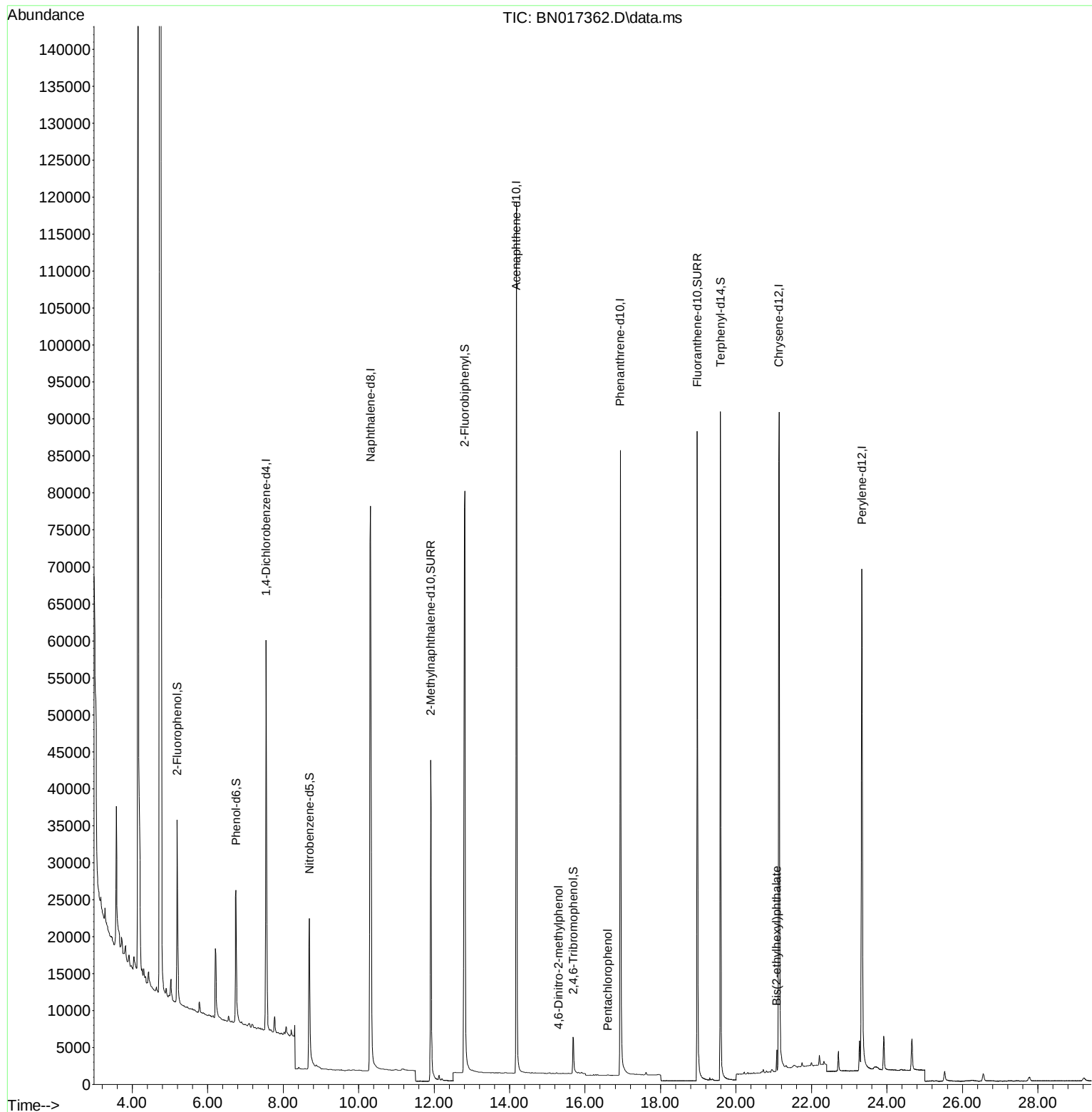
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	28782	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	124177	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	67496	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	122350	0.400	ng	0.00
29) Chrysene-d12	21.144	240	106094	0.400	ng	0.01
35) Perylene-d12	23.335	264	99408	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	22459	0.338	ng	0.03
5) Phenol-d6	6.749	99	19915	0.272	ng	0.02
8) Nitrobenzene-d5	8.697	82	22301	0.299	ng	0.01
11) 2-Methylnaphthalene-d10	11.915	152	66160	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	5222	0.207	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	85963	0.335	ng	0.01
27) Fluoranthene-d10	18.975	212	108483	0.348	ng	0.00
31) Terphenyl-d14	19.591	244	97492	0.412	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.298	198	3	0.187	ng	Qvalue # 1
24) Pentachlorophenol	16.605	266	73	0.222	ng	90
34) Bis(2-ethylhexyl)phtha...	21.080	149	2611	0.023	ng	98

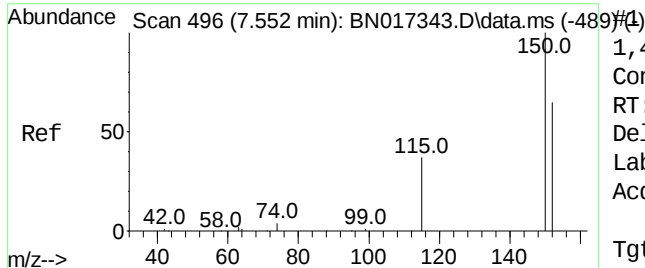
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

BNA_N

ClientSampleId :

PB140531BL

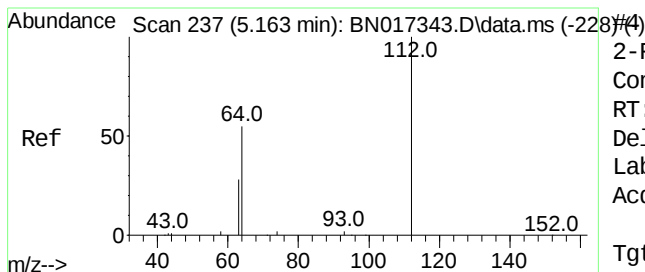
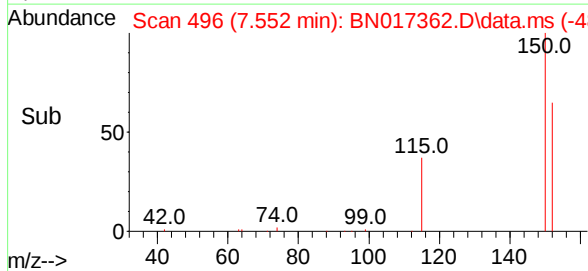
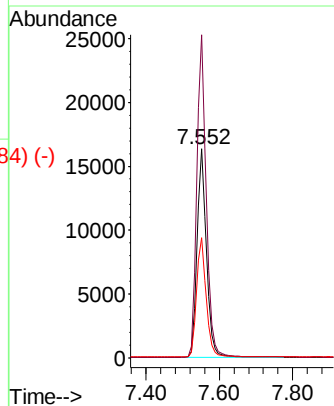
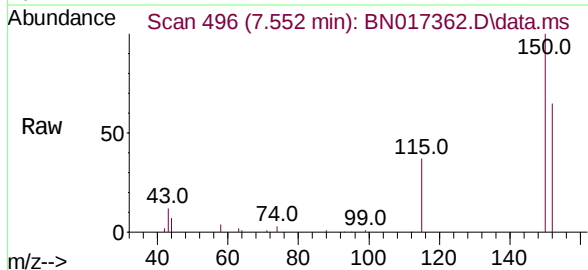
Tgt Ion:152 Resp: 28782

Ion Ratio Lower Upper

152 100

150 154.6 123.0 184.4

115 57.6 45.6 68.4



2-Fluorophenol

Concen: 0.338 ng

RT: 5.191 min Scan# 240

Delta R.T. 0.028 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

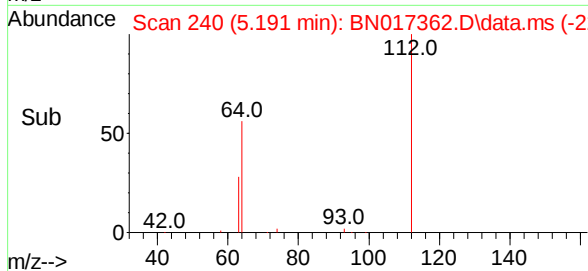
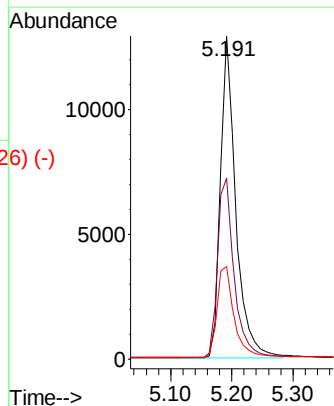
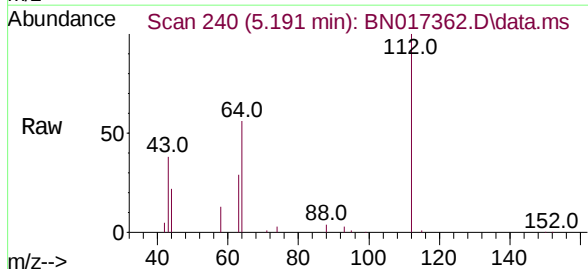
Tgt Ion:112 Resp: 22459

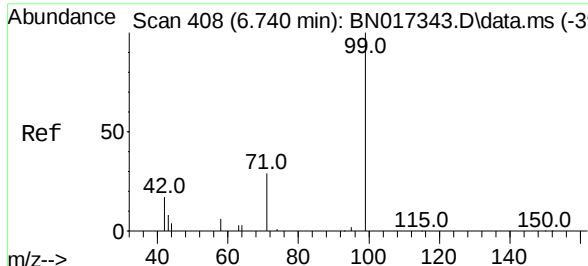
Ion Ratio Lower Upper

112 100

64 60.0 47.6 71.4

63 30.7 24.6 37.0

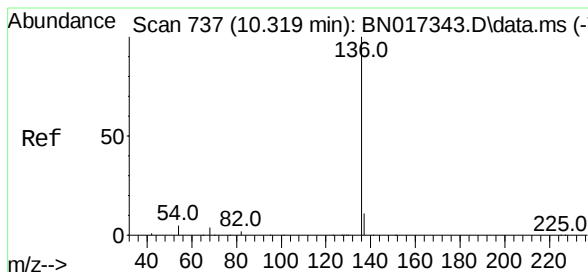
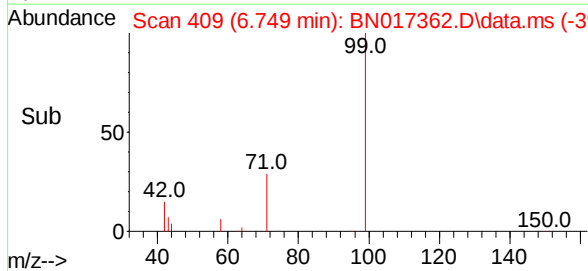
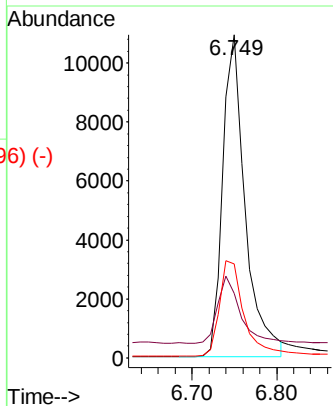
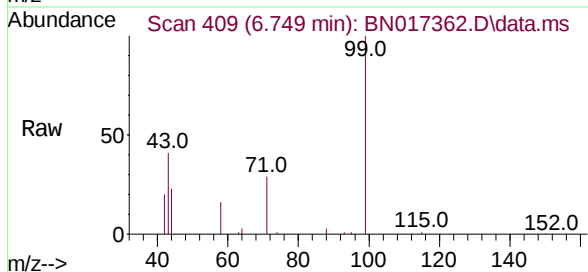




Phenol-d6
 Concen: 0.272 ng
 RT: 6.749 min Scan# 408
 Delta R.T. 0.018 min
 Lab File: BN017362.D
 Acq: 10 Nov 2021 00:00

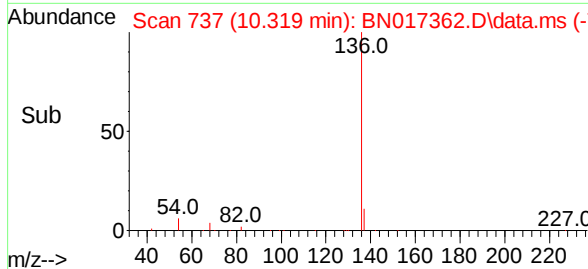
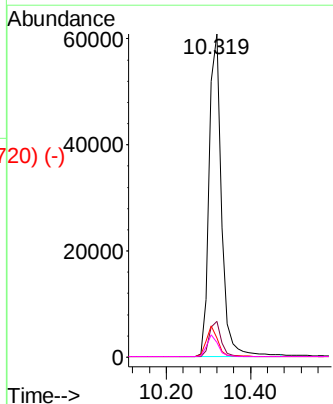
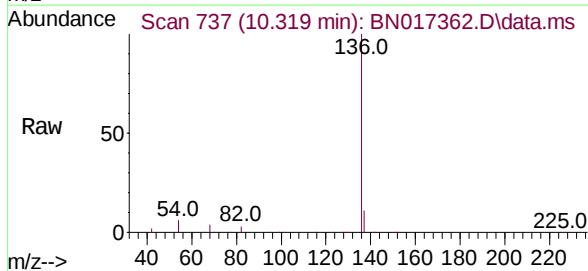
Instrument :
 BNA_N
 ClientSampleId :
 PB140531BL

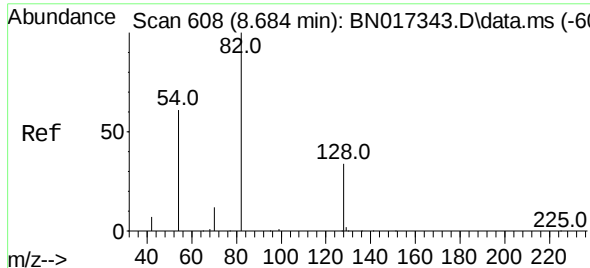
Tgt Ion:	99	Resp:	19915
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	32.0	24.8	37.2



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. 0.013 min
 Lab File: BN017362.D
 Acq: 10 Nov 2021 00:00

Tgt Ion:	136	Resp:	124177
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.8	4.0	6.0
68	4.4	3.0	4.6





Nitrobenzene-d5

Concen: 0.299 ng

RT: 8.697 min Scan# 608

Delta R.T. 0.013 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Instrument :

BNA_N

ClientSampleId :

PB140531BL

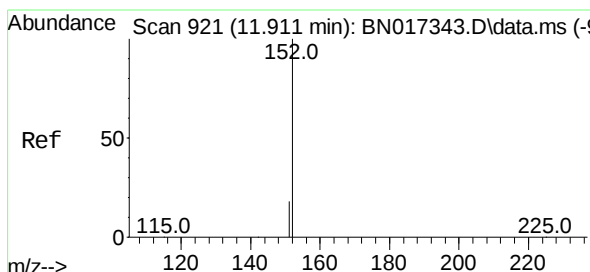
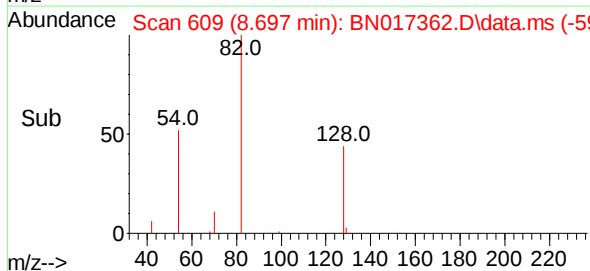
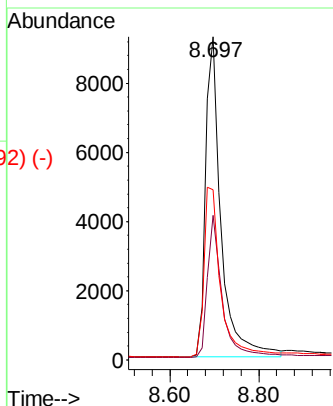
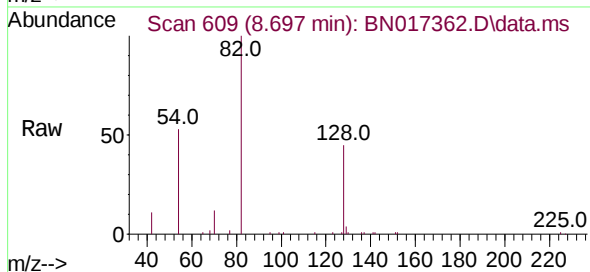
Tgt Ion: 82 Resp: 22301

Ion Ratio Lower Upper

82 100

128 44.7 27.7 41.5#

54 52.6 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 11.915 min Scan# 922

Delta R.T. 0.004 min

Lab File: BN017362.D

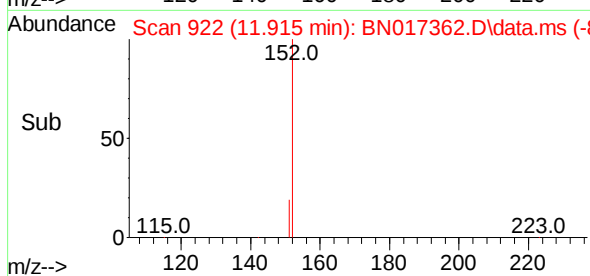
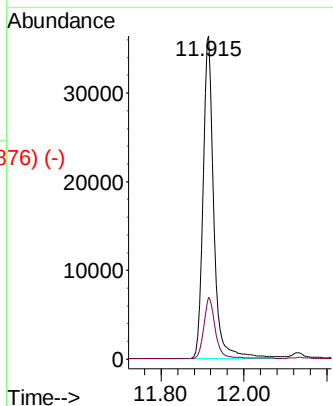
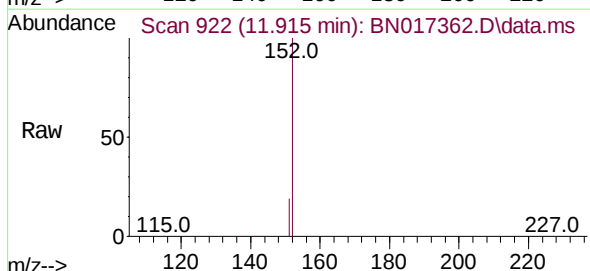
Acq: 10 Nov 2021 00:00

Tgt Ion: 152 Resp: 66160

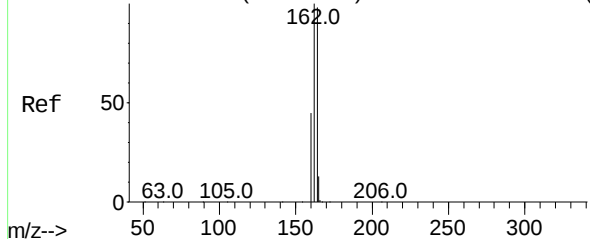
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1171) (-)



Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Instrument :

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PB140531BL

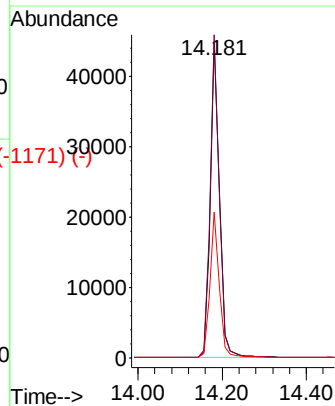
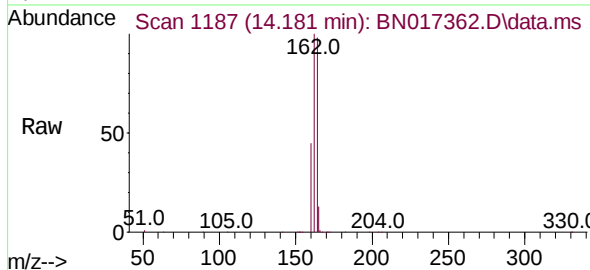
Tgt Ion:164 Resp: 67496

Ion Ratio Lower Upper

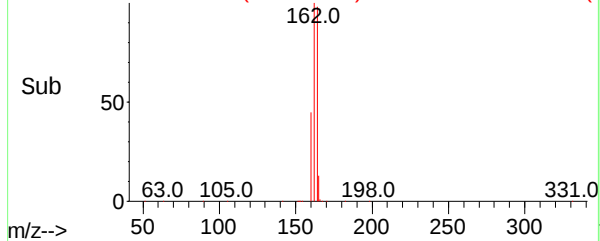
164 100

162 102.4 81.4 122.2

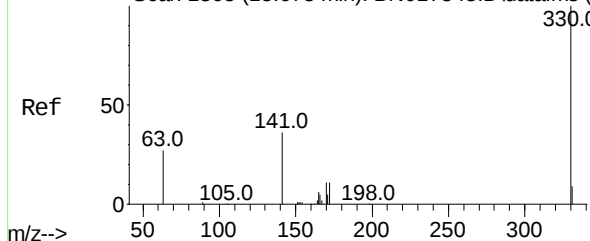
160 46.1 36.8 55.2



Abundance Scan 1187 (14.181 min): BN017362.D\data.ms (-1171) (-)



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1297) (-)



2,4,6-Tribromophenol

Concen: 0.207 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.013 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

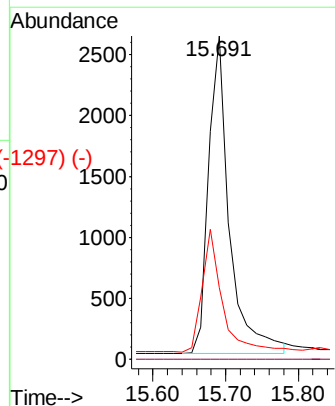
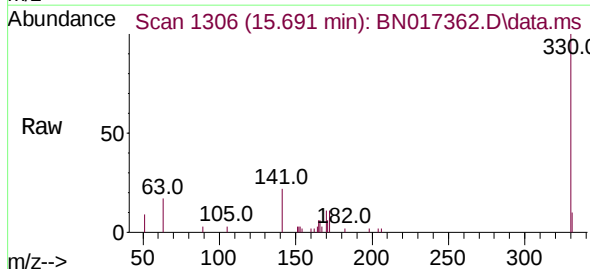
Tgt Ion:330 Resp: 5222

Ion Ratio Lower Upper

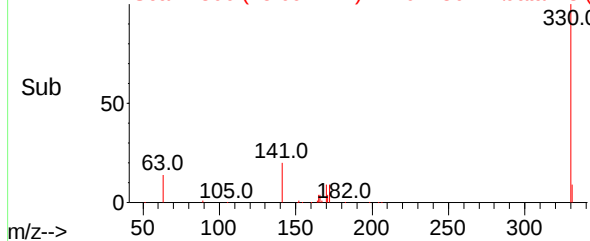
330 100

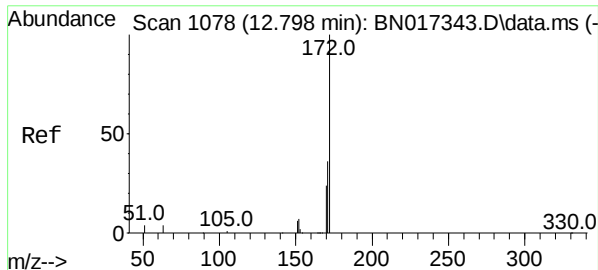
332 0.0 0.0 0.0

141 36.4 28.9 43.3



Abundance Scan 1306 (15.691 min): BN017362.D\data.ms (-1297) (-)

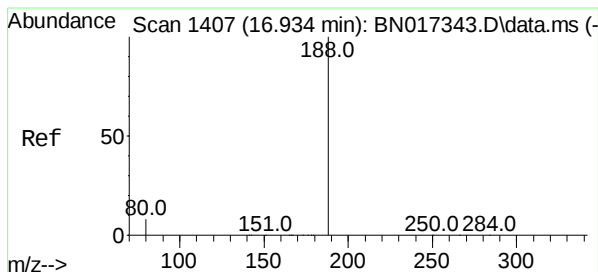
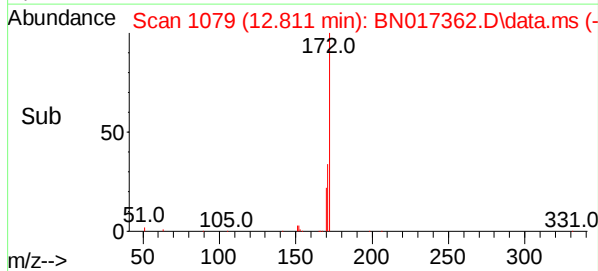
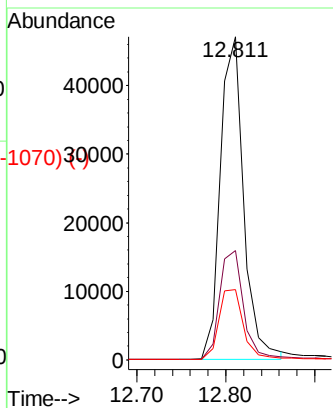
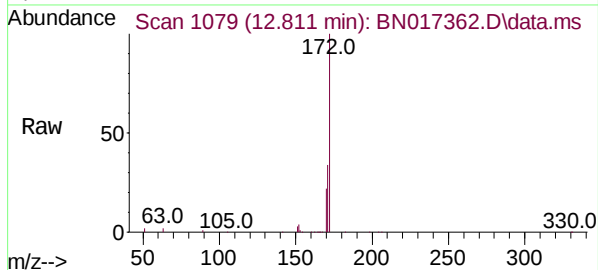




2-Fluorobiphenyl
 Concen: 0.335 ng
 RT: 12.811 min Scan# 1079
 Delta R.T. 0.013 min
 Lab File: BN017362.D
 Acq: 10 Nov 2021 00:00

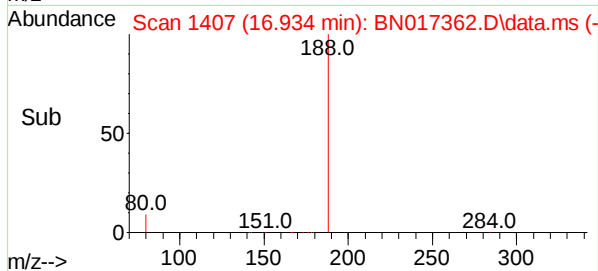
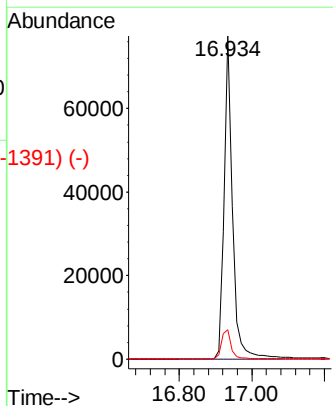
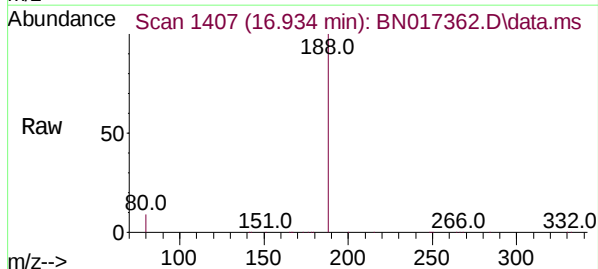
Instrument :
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Tgt Ion:	172	Resp:	85963
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	21.7	19.4	29.2



Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.934 min Scan# 1407
 Delta R.T. -0.000 min
 Lab File: BN017362.D
 Acq: 10 Nov 2021 00:00

Tgt Ion:	188	Resp:	122350
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: 15.298 min Scan# 1278

Delta R.T. -0.038 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Instrument :

BNA_N

ClientSampleId :

PB140531BL

Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

182 106.4 11.4 17.2#

77 0.0 0.0 0.0

Abundance Scan 1275 (15.298 min): BN017362.D\data.ms

Ref

51.0 105.0 152.0 198.0

m/z-->

Raw

51.0 105.0 165.0 206.0 330.0

m/z-->

Abundance Scan 1275 (15.298 min): BN017362.D\data.ms (-1270) (-)

Sub

105.0 182.0

m/z-->

Time-->

Abundance

15.298

40

30

20

10

0

15.25 15.30 15.35

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

Pentachlorophenol

Concen: 0.222 ng

RT: 16.605 min Scan# 1380

Delta R.T. 0.012 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Tgt Ion:266 Resp: 73

Ion Ratio Lower Upper

266 100

264 64.4 49.8 74.8

268 76.7 51.3 76.9

Abundance Scan 1380 (16.605 min): BN017362.D\data.ms

Ref

80.0 165.0 200.0 266.0 330.0

m/z-->

Raw

80.0 165.0 200.0 266.0 330.0

m/z-->

Abundance Scan 1380 (16.605 min): BN017362.D\data.ms (-1371) (-)

Sub

167.0 200.0 266.0

m/z-->

Time-->

Abundance

16.605

60

40

20

0

16.60

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

Fluoranthene-d10

Concen: 0.348 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017362.D

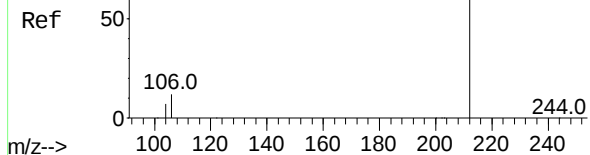
Acq: 10 Nov 2021 00:00

Instrument :

BNA_N

ClientSampleId :

PB140531BL



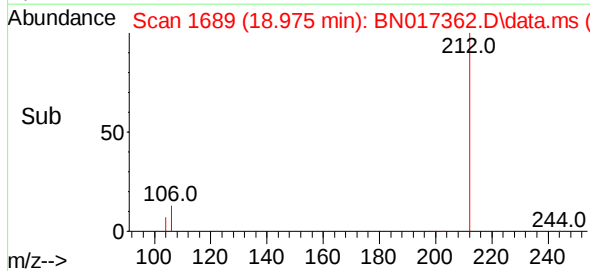
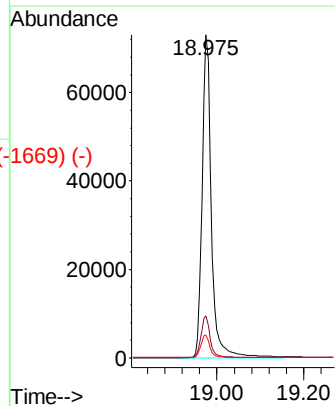
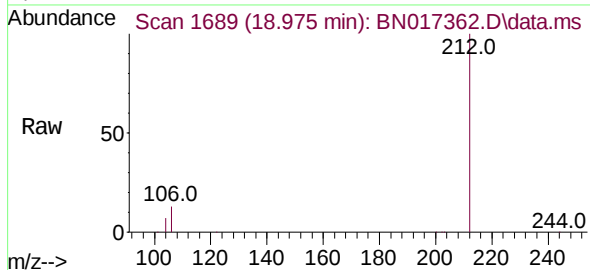
Tgt Ion:212 Resp: 108483

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. 0.011 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

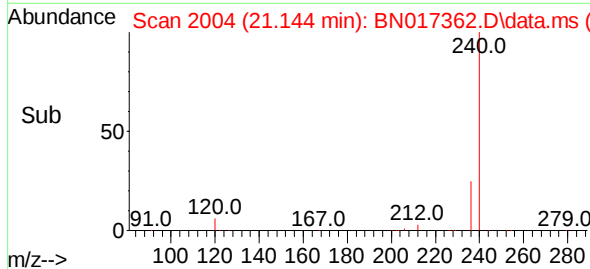
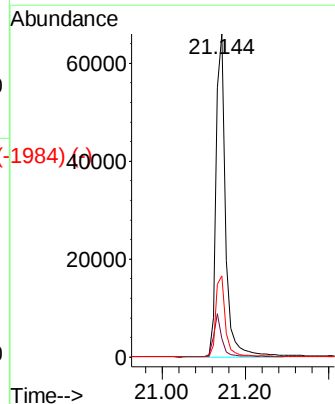
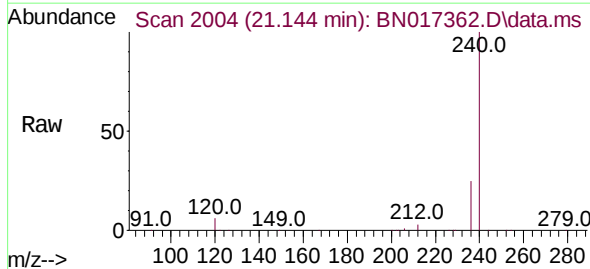
Tgt Ion:240 Resp: 106094

Ion Ratio Lower Upper

240 100

120 5.7 4.2 6.2

236 25.1 20.0 30.0



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

Terphenyl-d14

Concen: 0.412 ng

RT: 19.591 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Instrument :

BNA_N

ClientSampleId :

PB140531BL

Tgt Ion:244 Resp: 97492

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.9 8.6 13.0

Abundance Scan 1813 (19.591 min): BN017362.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1813 (19.591 min): BN017362.D\data.ms (-1783) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.591

60000

40000

20000

0

Time-->

19.60

Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1934) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017362.D

Acq: 10 Nov 2021 00:00

Tgt Ion:149 Resp: 2611

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

279 4.7 3.4 5.0

Abundance Scan 1998 (21.080 min): BN017362.D\data.ms

Ref 50

91.0 122.0 149.0 206.0 252.0 279.0

m/z-->

Raw 50

91.0 122.0 149.0 206.0 252.0 279.0

m/z-->

Abundance Scan 1998 (21.080 min): BN017362.D\data.ms (-1934) (-)

Sub 50

91.0 122.0 149.0 206.0 236.0 279.0

m/z-->

Abundance

21.080

2000

1500

1000

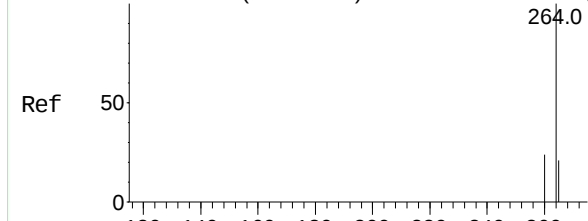
500

0

Time-->

21.00 21.10

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017362.D

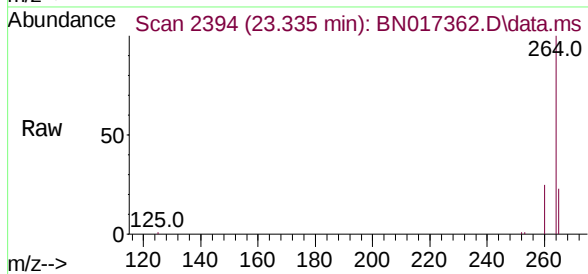
Acq: 10 Nov 2021 00:00

Instrument :

BNA_N

ClientSampleId :

PB140531BL



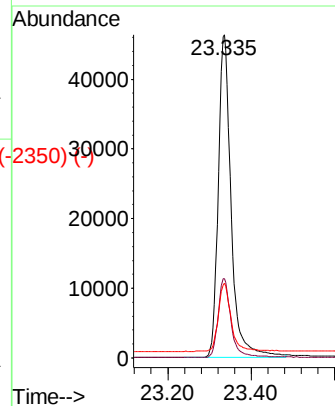
Tgt Ion:264 Resp: 99408

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.2 18.6 28.0



Abundance Scan 2394 (23.335 min): BN017362.D\data.ms (-2350) (-)

