

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017351.D
 Acq On : 09 Nov 2021 16:04
 Operator : CG/JU
 Sample : M4530-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-P287

Quant Time: Nov 09 16:36:16 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)

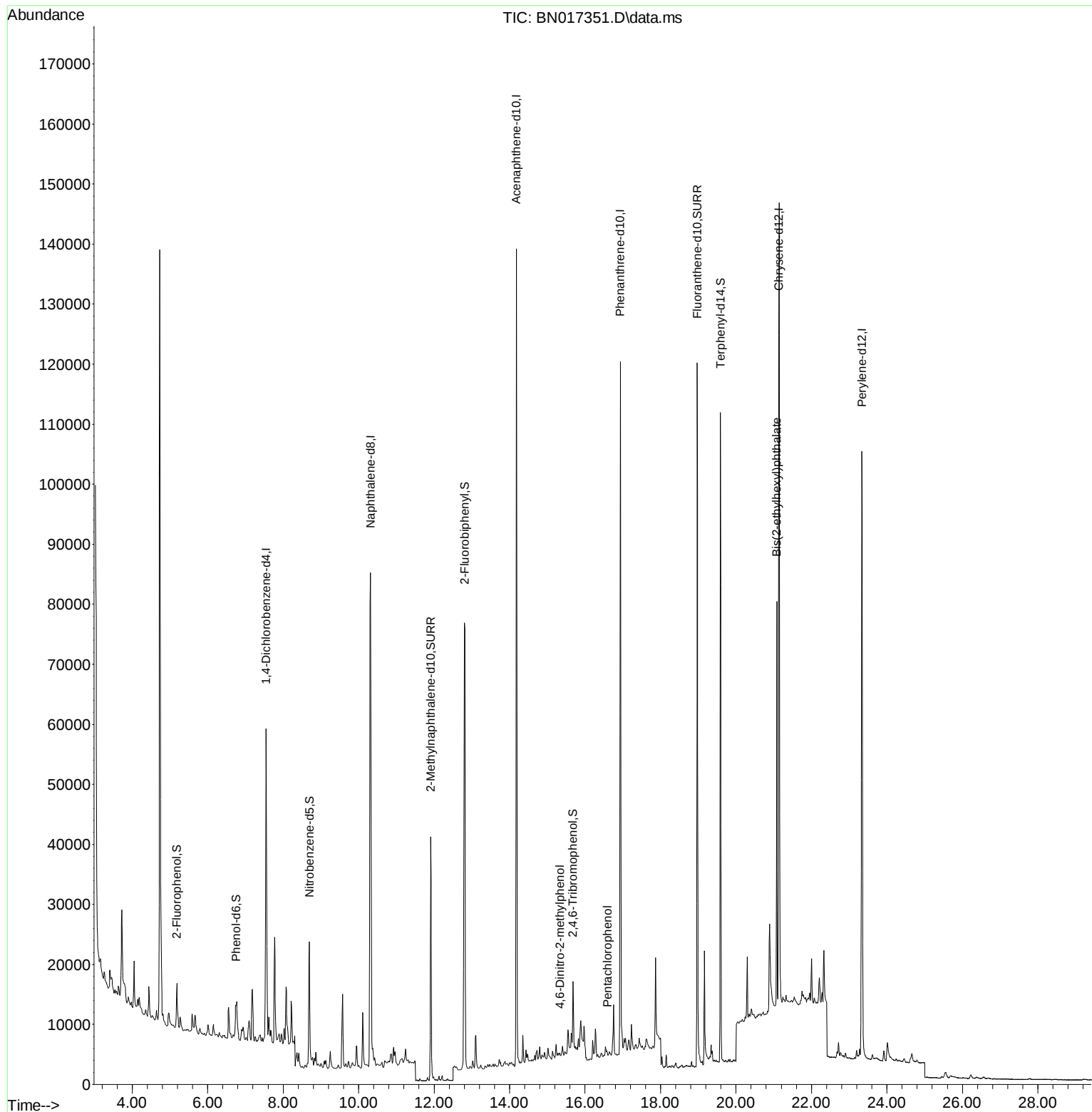
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	28285	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	123415	0.400	ng	0.00
13) Acenaphthene-d10	14.181	164	74202	0.400	ng	0.00
19) Phenanthrene-d10	16.933	188	144249	0.400	ng	0.00
29) Chrysene-d12	21.144	240	136077	0.400	ng	0.00
35) Perylene-d12	23.335	264	130705	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	7923	0.121	ng	0.02
5) Phenol-d6	6.749	99	5229	0.073	ng	0.00
8) Nitrobenzene-d5	8.697	82	19470	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	11.910	152	56196	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	8598	0.310	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	75470	0.267	ng	0.01
27) Fluoranthene-d10	18.975	212	125369	0.341	ng	0.00
31) Terphenyl-d14	19.590	244	107609	0.355	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.336	198	33	0.188	ng	Qvalue
24) Pentachlorophenol	16.593	266	451	0.230	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.080	149	54586	0.375	ng	97

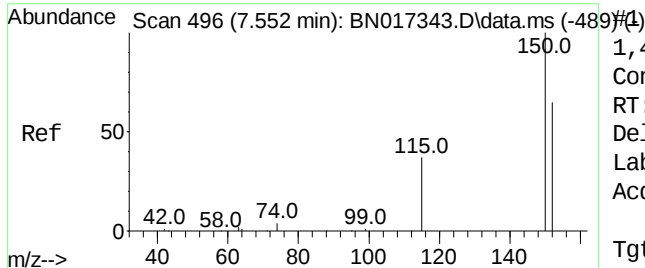
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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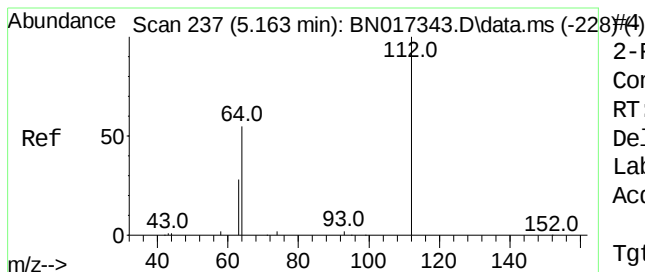
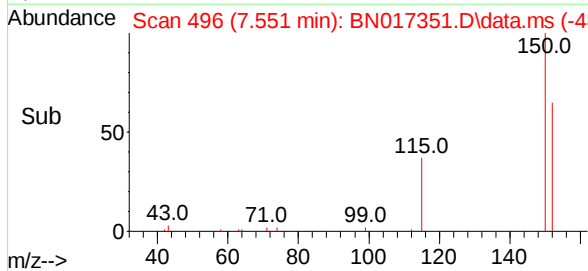
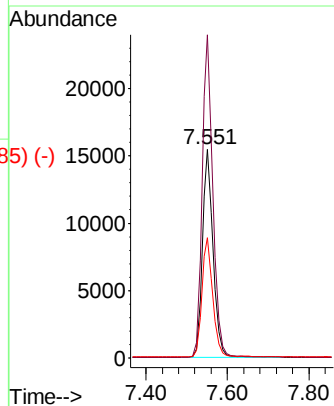
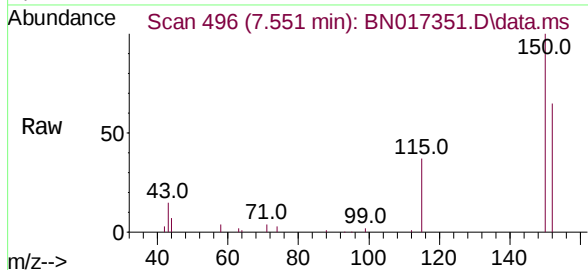




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.551 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

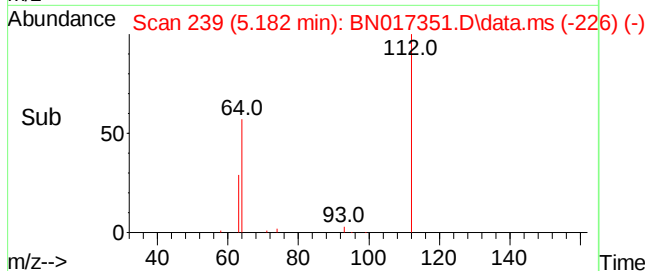
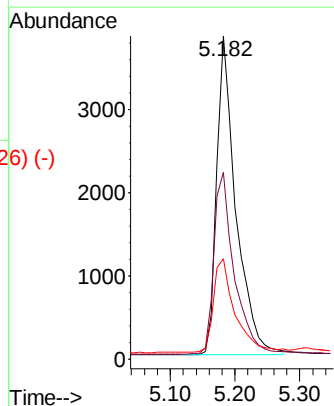
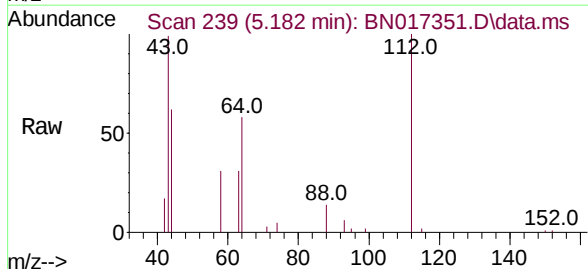
Instrument :
 BNA_N
 ClientSampleId :
 SW-P287

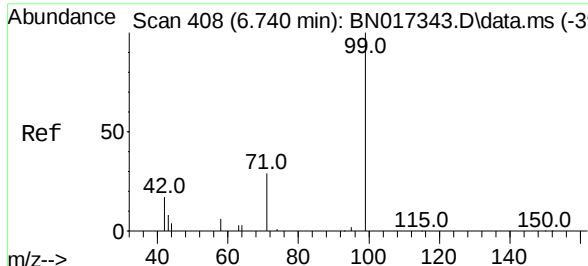
Tgt Ion:152 Resp: 28285
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.4
 115 57.7 45.6 68.4



2-Fluorophenol
 Concen: 0.121 ng
 RT: 5.182 min Scan# 239
 Delta R.T. 0.018 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

Tgt Ion:112 Resp: 7923
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.6 71.4
 63 32.0 24.6 37.0

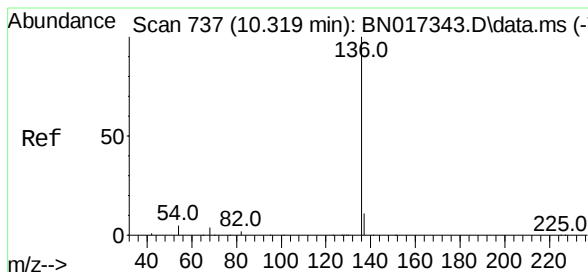
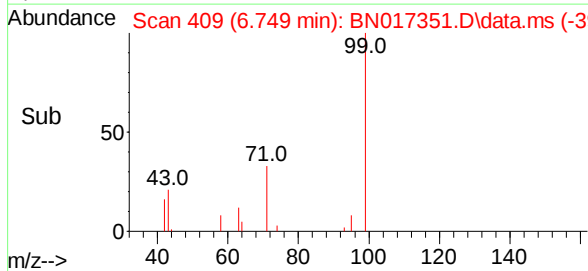
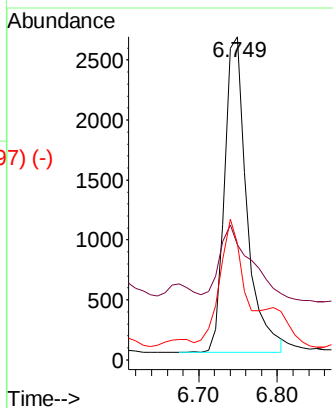
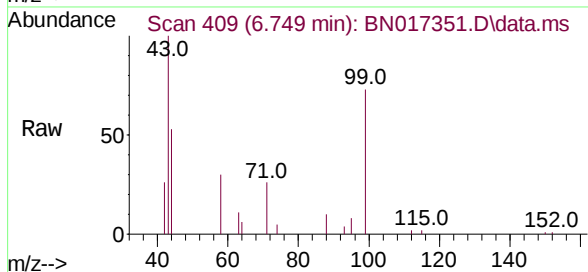




Phenol-d6
 Concen: 0.073 ng
 RT: 6.749 min Scan# 408
 Delta R.T. 0.009 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

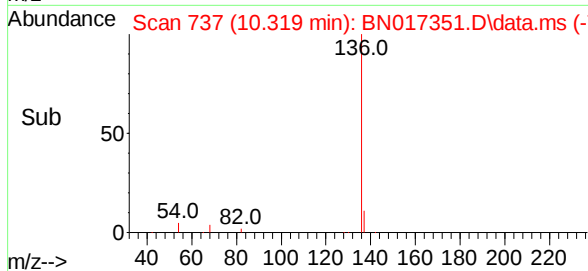
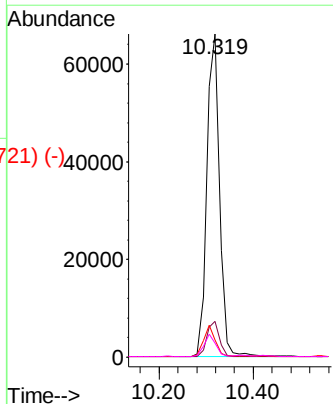
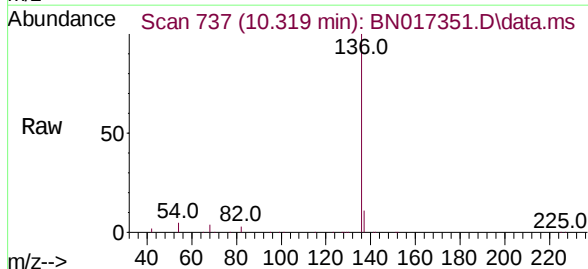
Instrument :
 BNA_N
 ClientSampleId :
 SW-P287

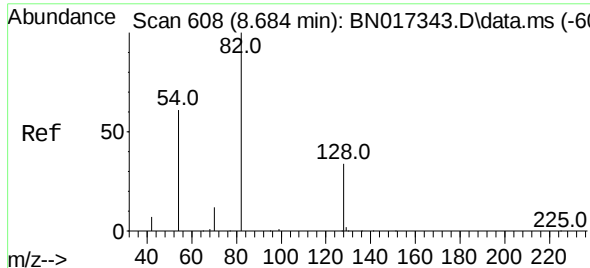
Tgt Ion: 99 Resp: 5229
 Ion Ratio Lower Upper
 99 100
 42 27.7 17.0 25.6#
 71 41.9 24.8 37.2#



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

Tgt Ion: 136 Resp: 123415
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.8 13.2
 54 5.4 4.0 6.0
 68 4.3 3.0 4.6





Nitrobenzene-d5

Concen: 0.263 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.012 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287

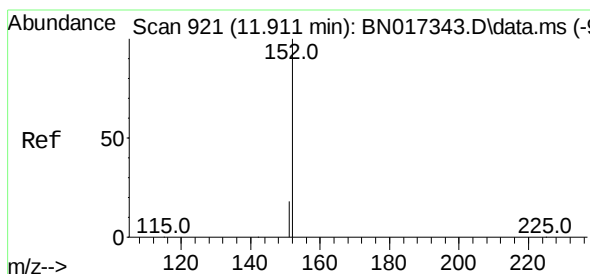
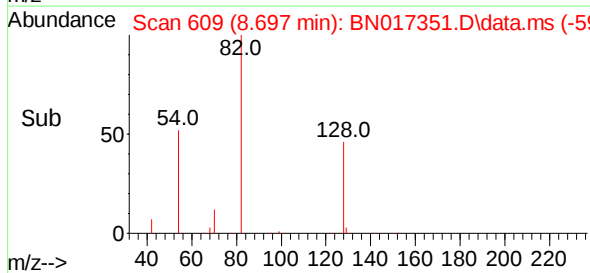
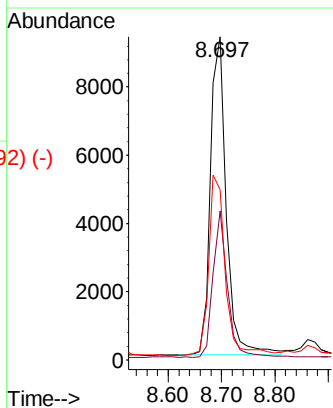
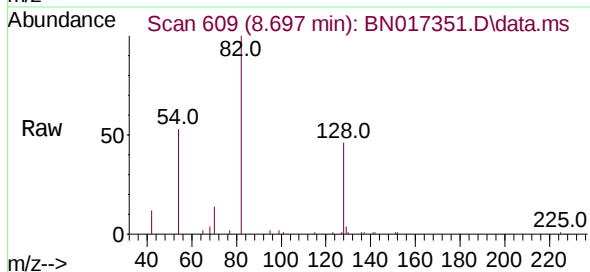
Tgt Ion: 82 Resp: 19470

Ion Ratio Lower Upper

82 100

128 46.2 27.7 41.5#

54 52.6 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.910 min Scan# 921

Delta R.T. -0.000 min

Lab File: BN017351.D

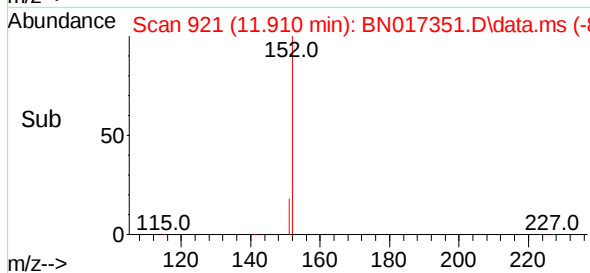
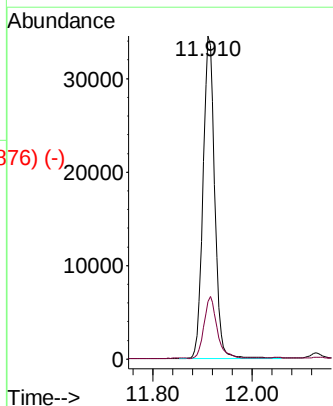
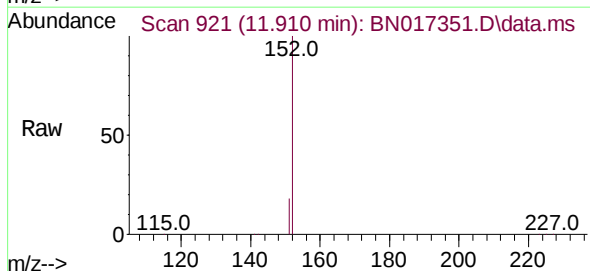
Acq: 09 Nov 2021 16:04

Tgt Ion:152 Resp: 56196

Ion Ratio Lower Upper

152 100

151 21.6 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: BN017351.D

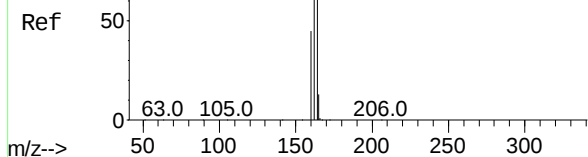
Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287



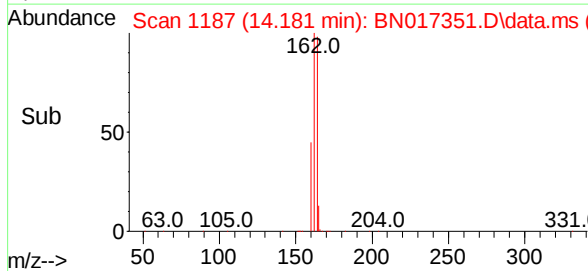
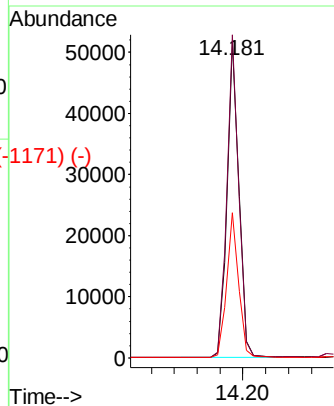
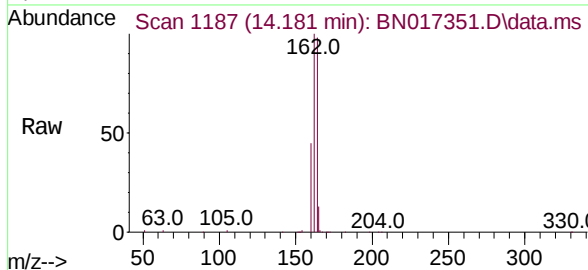
Tgt Ion:164 Resp: 74202

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

160 46.1 36.8 55.2



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

2,4,6-Tribromophenol

Concen: 0.310 ng

RT: 15.678 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

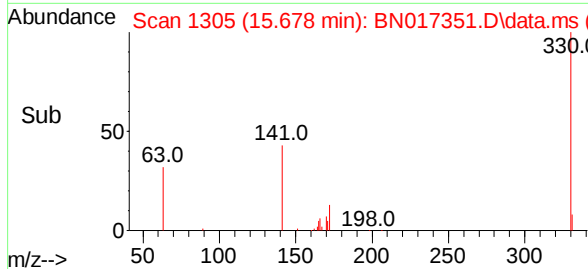
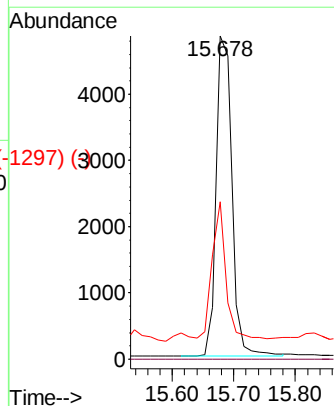
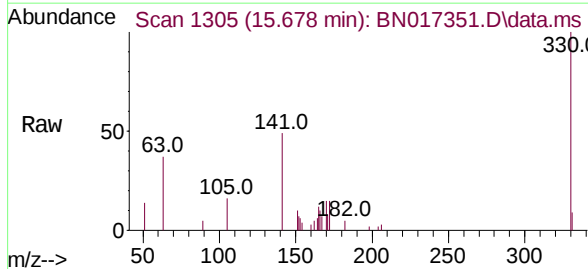
Tgt Ion:330 Resp: 8598

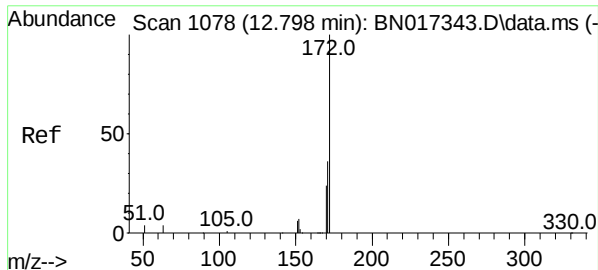
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.2 28.9 43.3

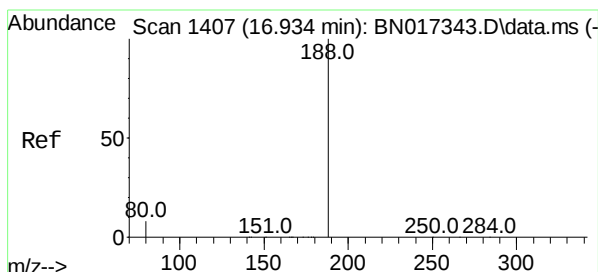
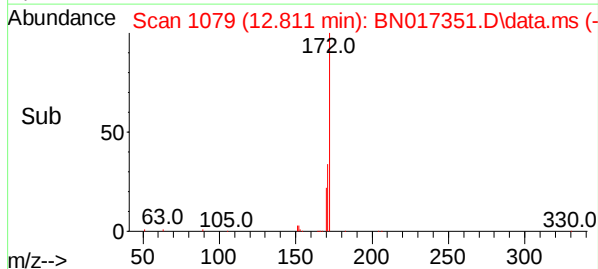
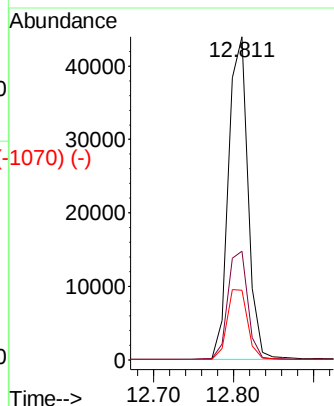
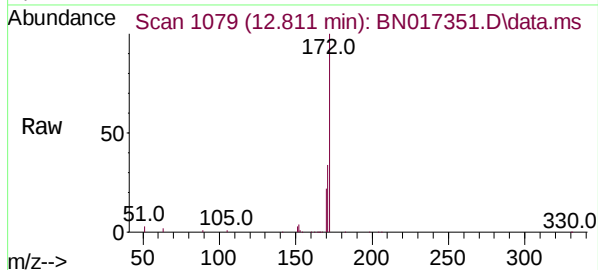




2-Fluorobiphenyl
 Concen: 0.267 ng
 RT: 12.811 min Scan# 1079
 Delta R.T. 0.012 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

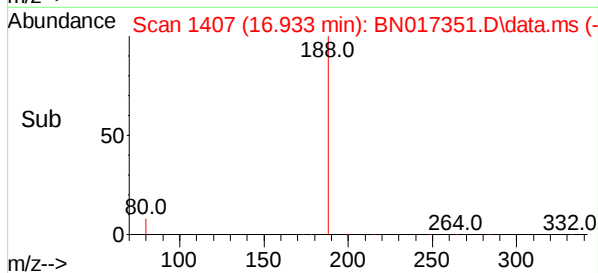
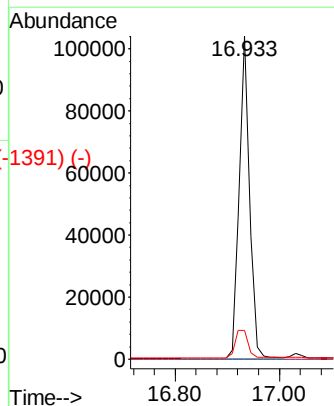
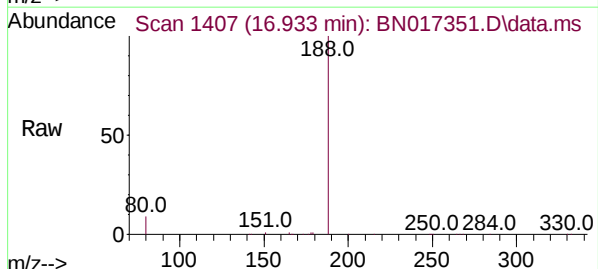
Instrument :
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 SW-P287

Tgt Ion:	172	Resp:	75470
Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.7	43.1
170	21.6	19.4	29.2



Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.933 min Scan# 1407
 Delta R.T. -0.000 min
 Lab File: BN017351.D
 Acq: 09 Nov 2021 16:04

Tgt Ion:	188	Resp:	144249
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.1	9.1



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

4,6-Dinitro-2-methylphenol

Concen: 0.188 ng

RT: 15.336 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BN017351.D

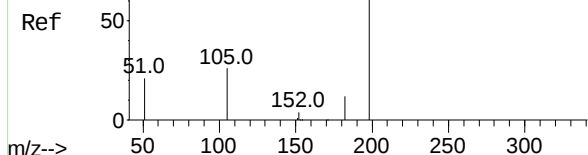
Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287



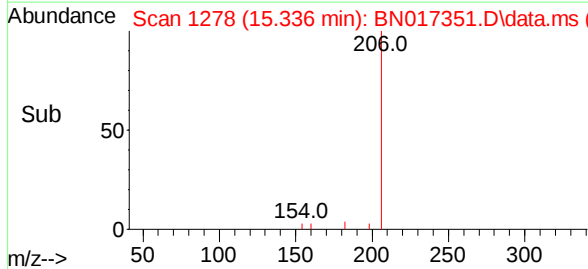
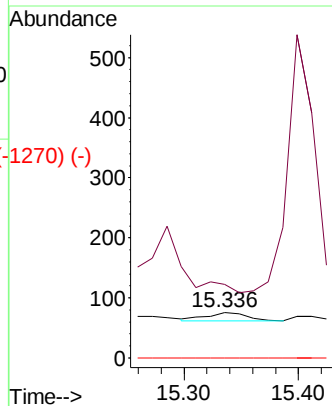
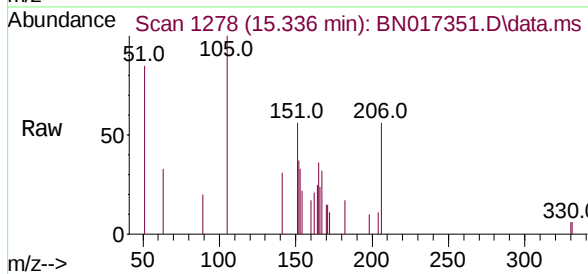
Tgt Ion:198 Resp: 33

Ion Ratio Lower Upper

198 100

182 161.8 11.4 17.2#

77 0.0 0.0 0.0



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

Pentachlorophenol

Concen: 0.230 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

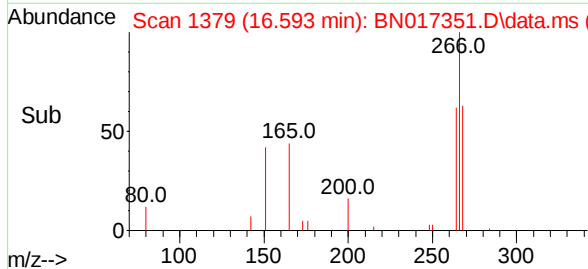
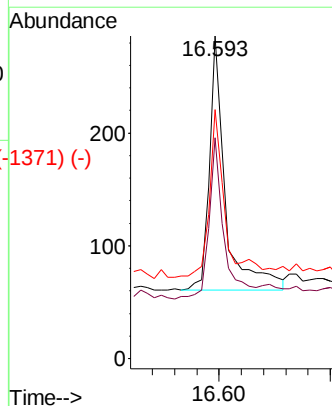
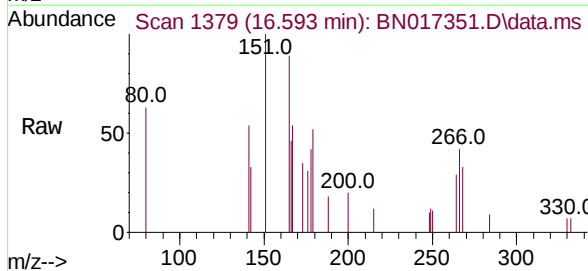
Tgt Ion:266 Resp: 451

Ion Ratio Lower Upper

266 100

264 59.6 49.8 74.8

268 65.6 51.3 76.9



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

Fluoranthene-d10

Concen: 0.341 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287

Tgt Ion:212 Resp: 125369

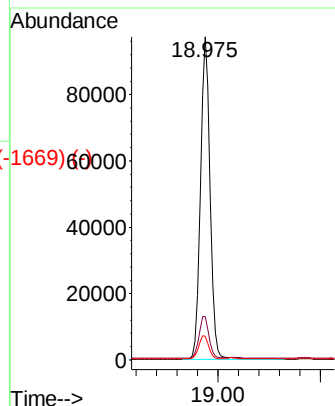
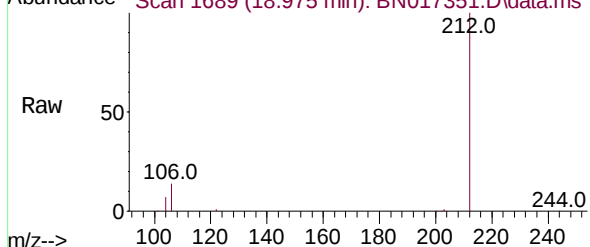
Ion Ratio Lower Upper

212 100

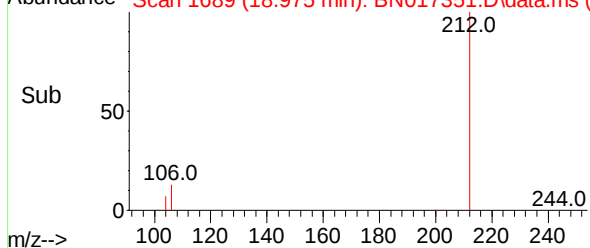
106 13.4 10.5 15.7

104 7.5 5.8 8.6

Abundance Scan 1689 (18.975 min): BN017351.D\data.ms



Abundance Scan 1689 (18.975 min): BN017351.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. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

Tgt Ion:240 Resp: 136077

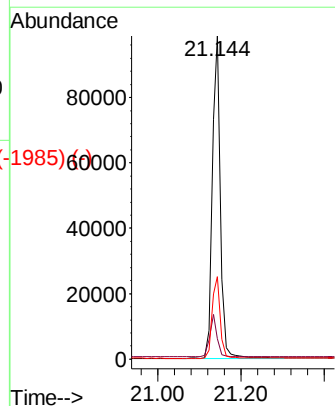
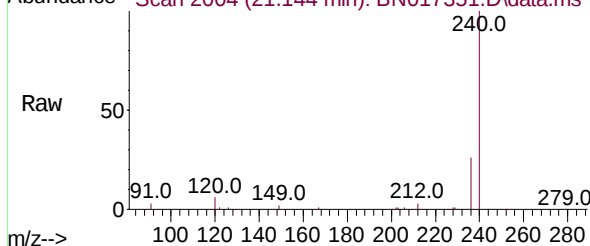
Ion Ratio Lower Upper

240 100

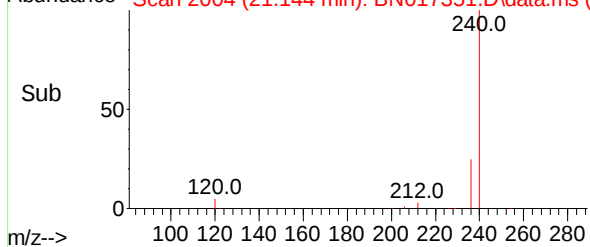
120 6.2 4.2 6.2

236 25.6 20.0 30.0

Abundance Scan 2004 (21.144 min): BN017351.D\data.ms



Abundance Scan 2004 (21.144 min): BN017351.D\data.ms (-1985) (-)



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

Terphenyl-d14

Concen: 0.355 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287

Tgt Ion:244 Resp: 107609

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.9 8.6 13.0

Abundance Scan 1813 (19.590 min): BN017351.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

m/z-->

Abundance Scan 1813 (19.590 min): BN017351.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

m/z-->

Abundance

80000

60000

40000

20000

0

19.590

19.60

Time-->

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

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017351.D

Acq: 09 Nov 2021 16:04

Tgt Ion:149 Resp: 54586

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.3 3.4 5.0

Abundance Scan 1998 (21.080 min): BN017351.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

91.0 122.0 149.0 203.0 244.0 279.0

100 120 140 160 180 200 220 240 260 280

m/z-->

Abundance Scan 1998 (21.080 min): BN017351.D\data.ms (-1989) (-)

Ref 50

Raw 50

Sub 50

m/z-->

91.0 122.0 149.0 203.0 229.0 254.0 279.0

100 120 140 160 180 200 220 240 260 280

m/z-->

Abundance

50000

40000

30000

20000

10000

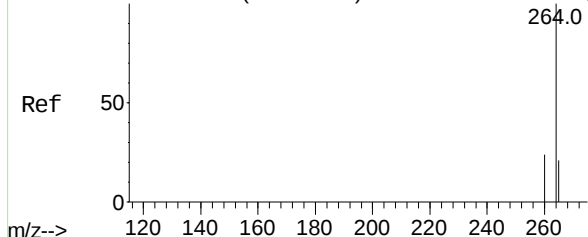
0

21.080

21.10

Time-->

Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-235) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017351.D

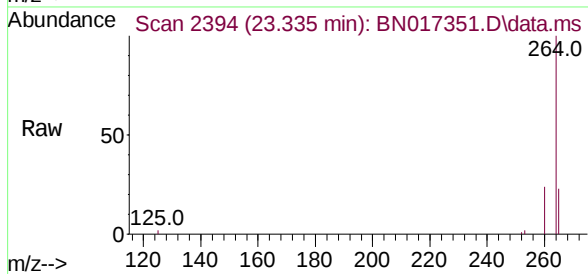
Acq: 09 Nov 2021 16:04

Instrument :

BNA_N

ClientSampleId :

SW-P287



Tgt Ion:264 Resp: 130705

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.2 18.6 28.0

