

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017853.D
 Acq On : 10 Dec 2021 03:31
 Operator : CG/JU
 Sample : PB141233BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Quant Time: Dec 10 06:51:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

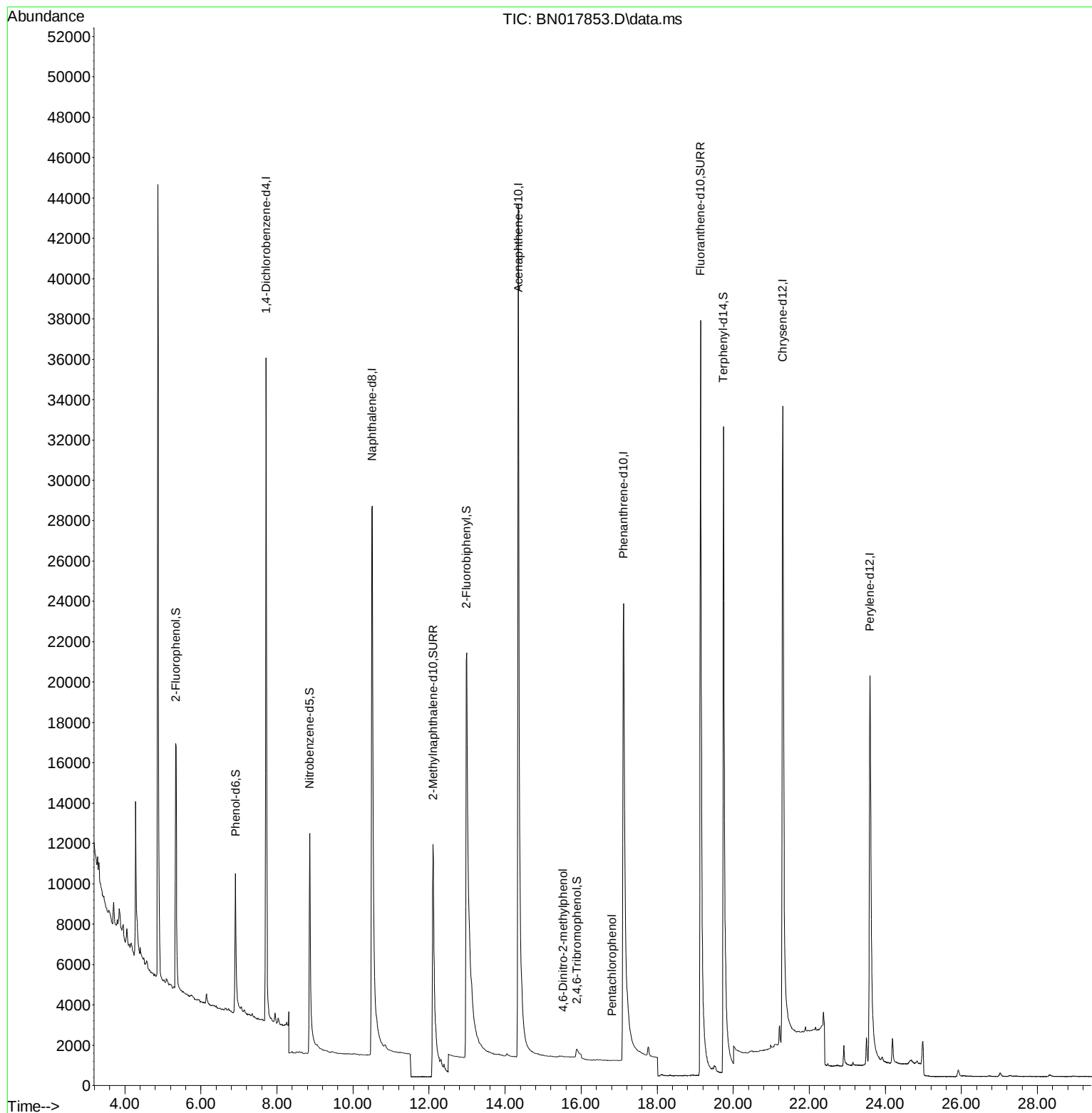
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20337	0.40	ng	0.00
7) Naphthalene-d8	10.507	136	72062	0.40	ng	0.01
13) Acenaphthene-d10	14.347	164	45938	0.40	ng	0.00
19) Phenanthrene-d10	17.117	188	82076	0.40	ng	# 0.02
29) Chrysene-d12	21.303	240	66207	0.40	ng	0.02
35) Perylene-d12	23.596	264	45828	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	12311	0.25	ng	0.02
5) Phenol-d6	6.912	99	8395	0.18	ng	0.00
8) Nitrobenzene-d5	8.859	82	14036	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.103	152	36488	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.882	330	923	0.04	ng	0.04
15) 2-Fluorobiphenyl	12.990	172	36649	0.22	ng	0.02
27) Fluoranthene-d10	19.139	212	91412	0.33	ng	0.00
31) Terphenyl-d14	19.745	244	71704	0.50	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.527	198	4	0.09	ng	# 38
24) Pentachlorophenol	16.812	266	12	0.28	ng	# 64

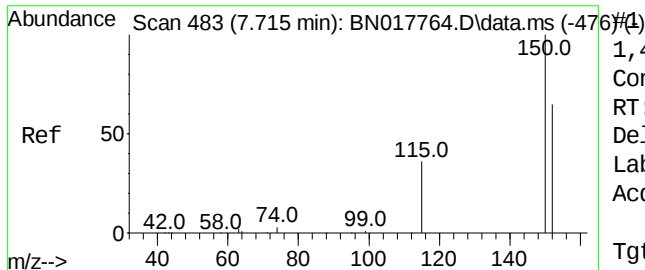
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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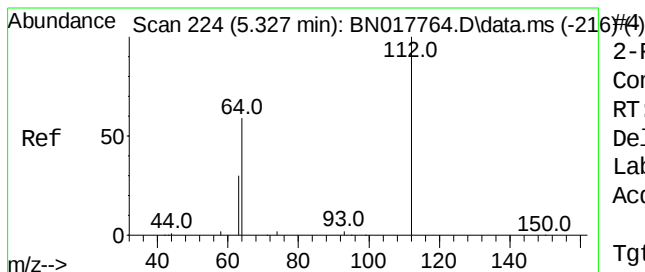
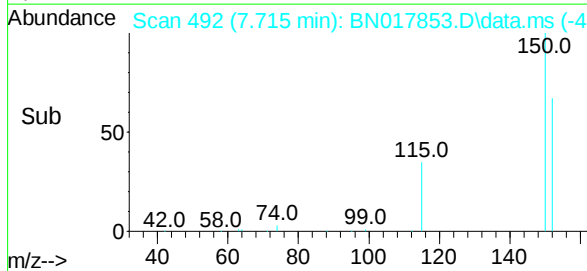
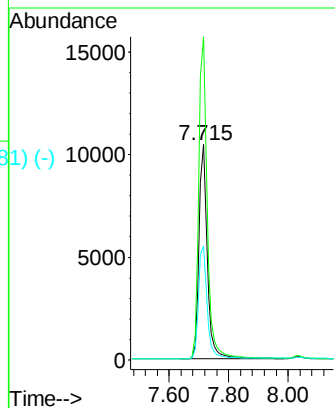
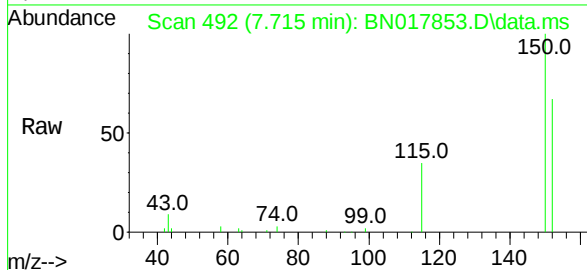




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017853.D
 Acq: 10 Dec 2021 03:31

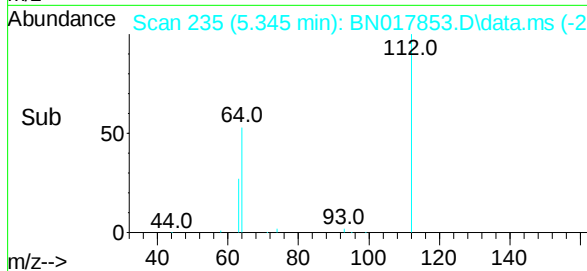
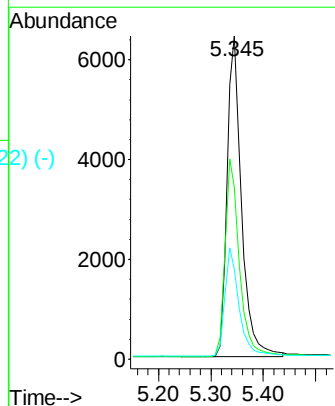
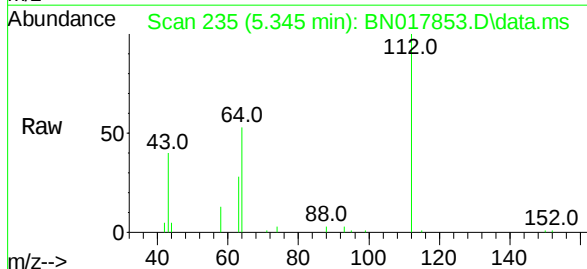
Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

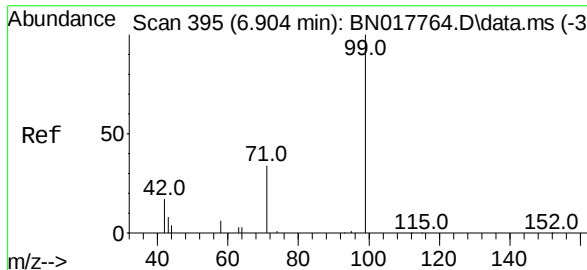
Tgt Ion:152 Resp: 20337
 Ion Ratio Lower Upper
 152 100
 150 150.1 123.0 184.4
 115 53.0 45.3 67.9



2-Fluorophenol
 Concen: 0.25 ng
 RT: 5.345 min Scan# 235
 Delta R.T. 0.018 min
 Lab File: BN017853.D
 Acq: 10 Dec 2021 03:31

Tgt Ion:112 Resp: 12311
 Ion Ratio Lower Upper
 112 100
 64 61.1 49.3 73.9
 63 32.9 25.8 38.8

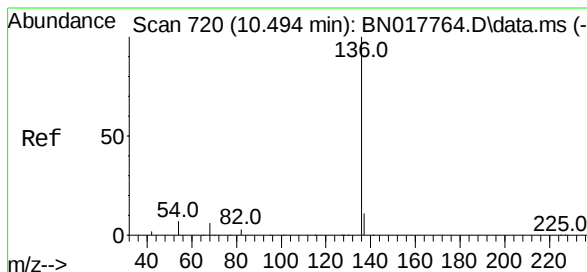
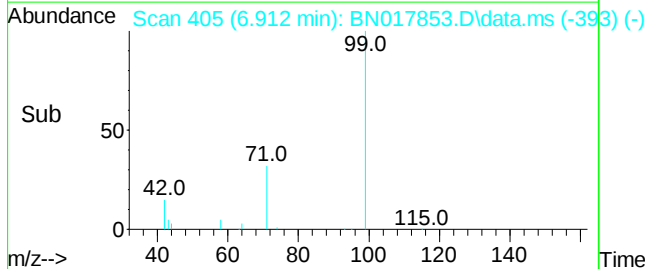
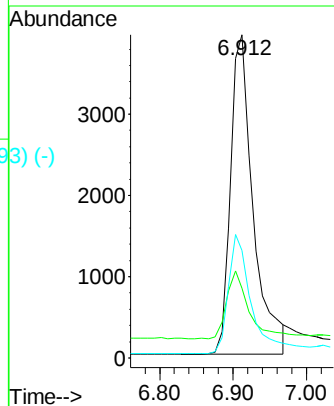
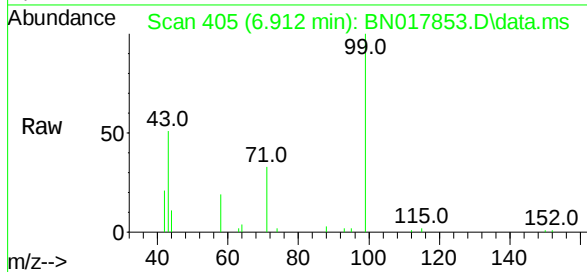




Phenol-d6
 Concen: 0.18 ng
 RT: 6.912 min Scan# 415
 Delta R.T. 0.009 min
 Lab File: BN017853.D
 Acq: 10 Dec 2021 03:31

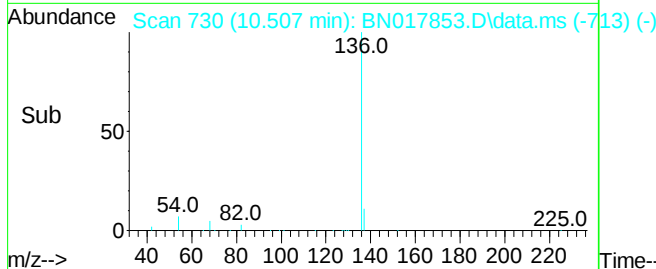
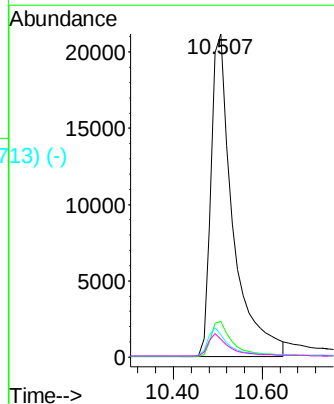
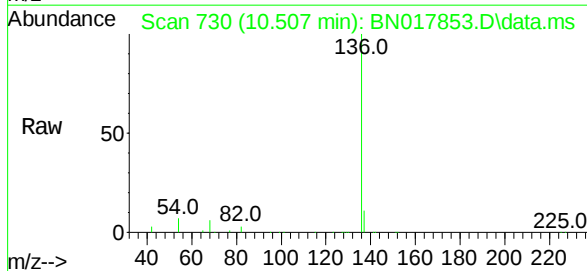
Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

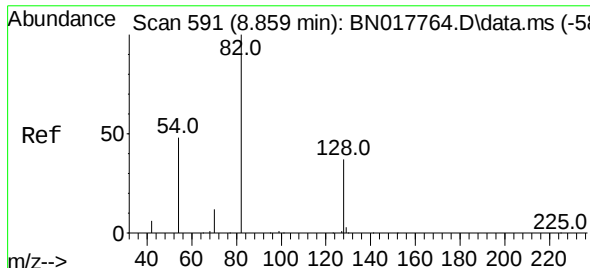
Tgt Ion:	99	Resp:	8395
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	36.9	29.0	43.4



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.507 min Scan# 730
 Delta R.T. 0.012 min
 Lab File: BN017853.D
 Acq: 10 Dec 2021 03:31

Tgt Ion:	136	Resp:	72062
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.9	8.9
68	5.6	5.0	7.6





Nitrobenzene-d5

Concen: 0.29 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017853.D

Acq: 10 Dec 2021 03:31

Instrument :

BNA_N

ClientSampleId :

PB141233BL

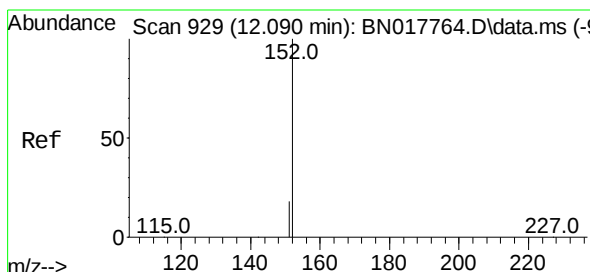
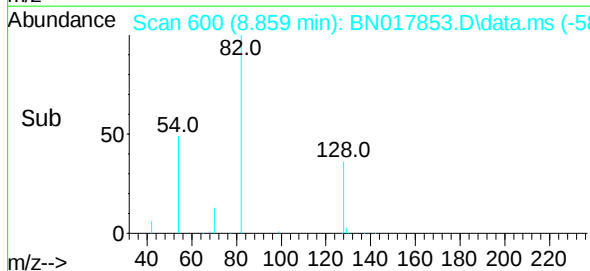
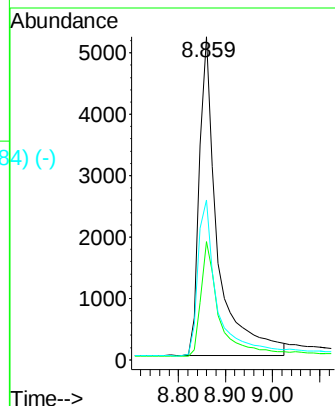
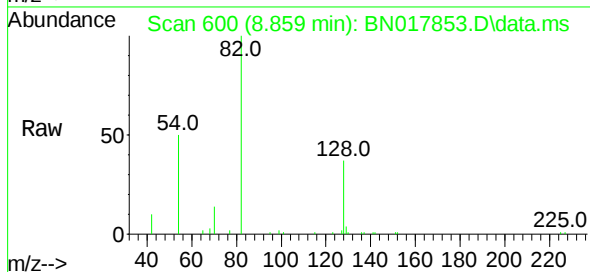
Tgt Ion: 82 Resp: 14036

Ion Ratio Lower Upper

82 100

128 36.7 30.2 45.2

54 49.5 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.103 min Scan# 941

Delta R.T. 0.013 min

Lab File: BN017853.D

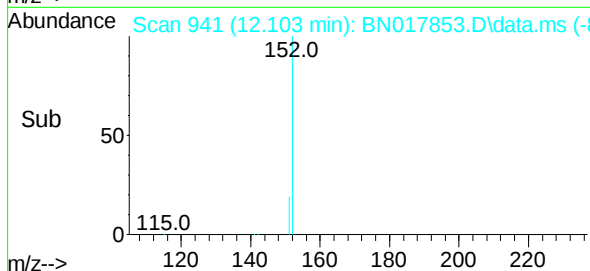
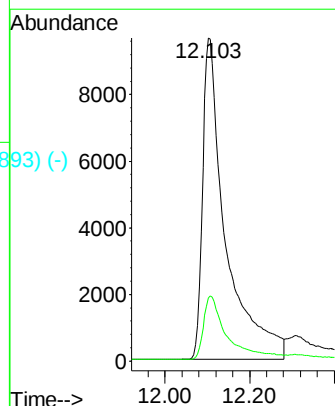
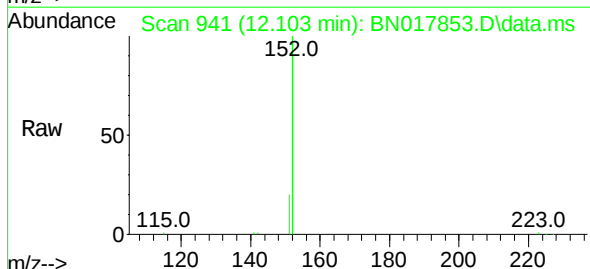
Acq: 10 Dec 2021 03:31

Tgt Ion: 152 Resp: 36488

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017853.D

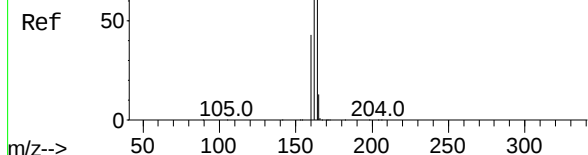
Acq: 10 Dec 2021 03:31

Instrument :

BNA_N

ClientSampleId :

PB141233BL



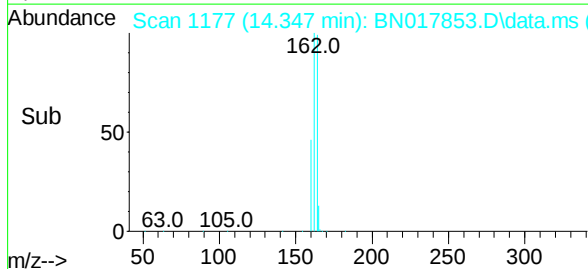
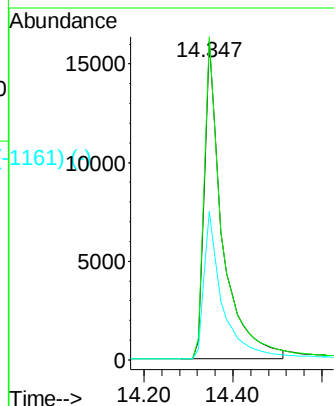
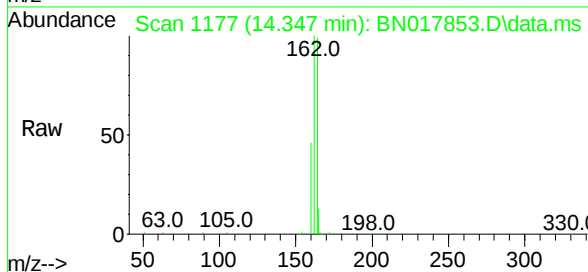
Tgt Ion:164 Resp: 45938

Ion Ratio Lower Upper

164 100

162 101.3 79.0 118.6

160 46.6 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)

2,4,6-Tribromophenol

Concen: 0.04 ng

RT: 15.882 min Scan# 1298

Delta R.T. 0.038 min

Lab File: BN017853.D

Acq: 10 Dec 2021 03:31

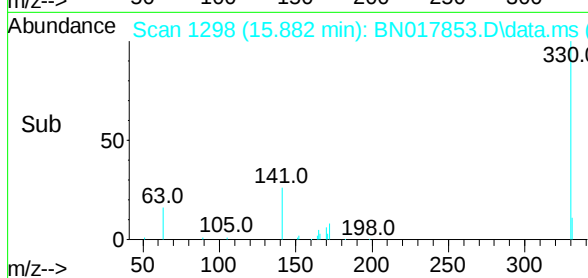
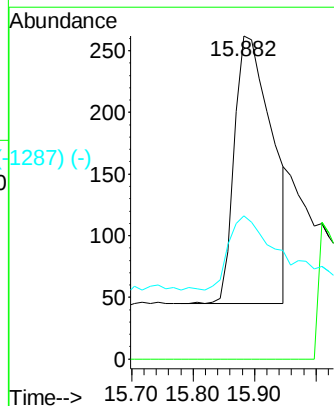
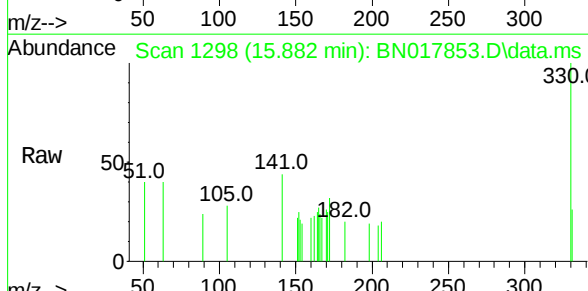
Tgt Ion:330 Resp: 923

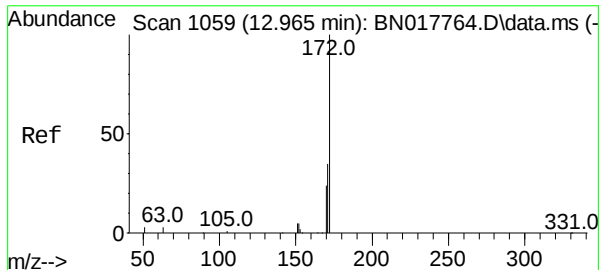
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.1 21.5 32.3

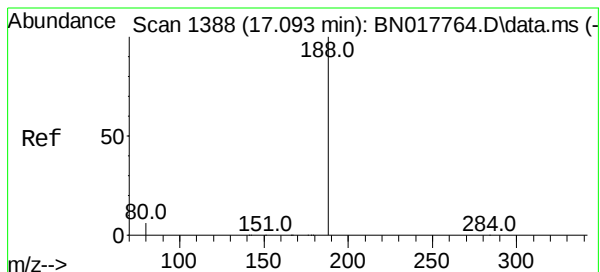
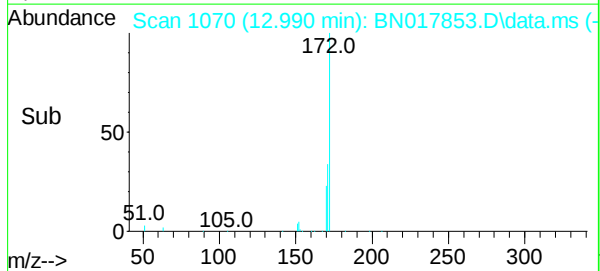
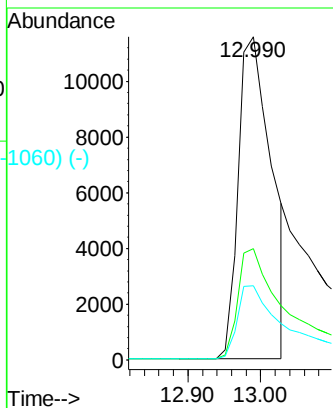
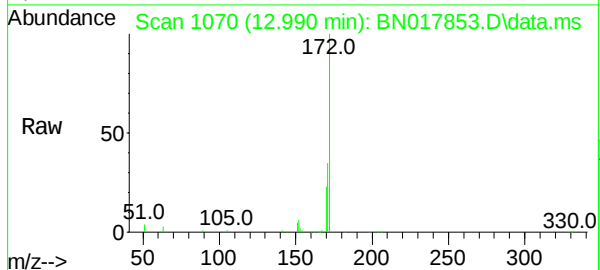




2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.990 min Scan# 1059
Delta R.T. 0.025 min
Lab File: BN017853.D
Acq: 10 Dec 2021 03:31

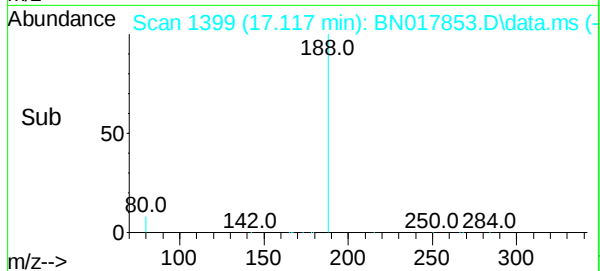
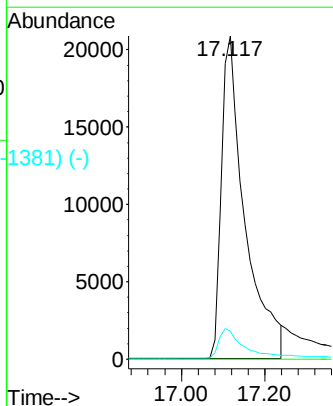
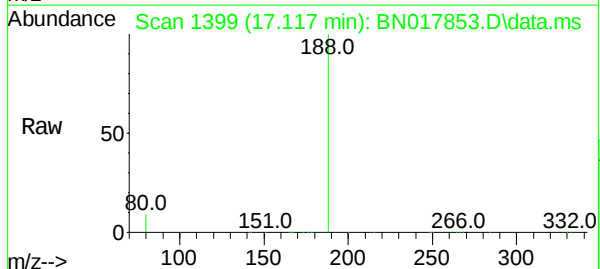
Instrument :
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Tgt Ion:	172	Resp:	36649
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.0	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017853.D
Acq: 10 Dec 2021 03:31

Tgt Ion:	188	Resp:	82076
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.1	7.7#



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.527 min Scan# 1

Delta R.T. 0.038 min

Lab File: BN017853.D

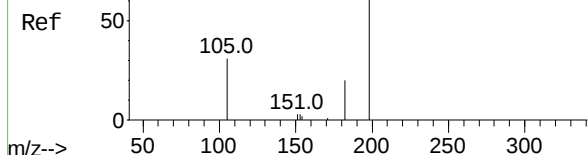
Acq: 10 Dec 2021 03:31

Instrument :

BNA_N

ClientSampleId :

PB141233BL



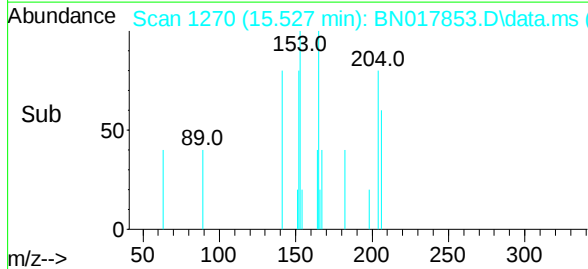
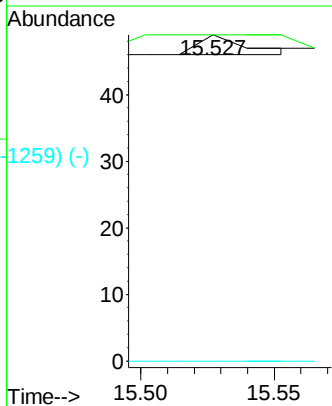
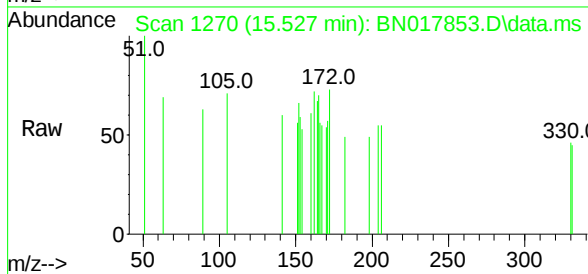
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

182 100.0 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

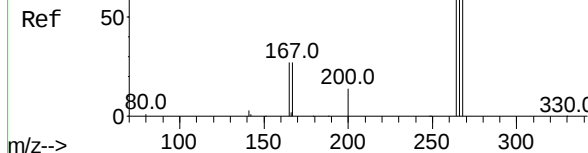
Concen: 0.28 ng

RT: 16.812 min Scan# 1374

Delta R.T. 0.048 min

Lab File: BN017853.D

Acq: 10 Dec 2021 03:31



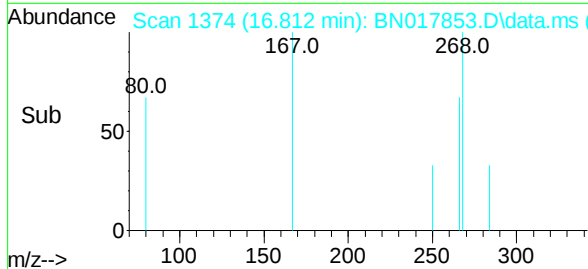
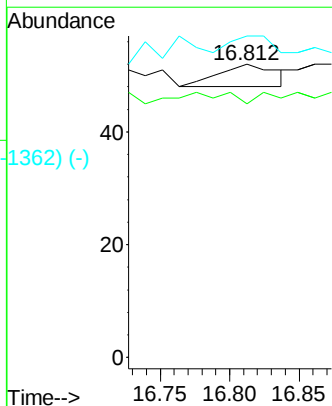
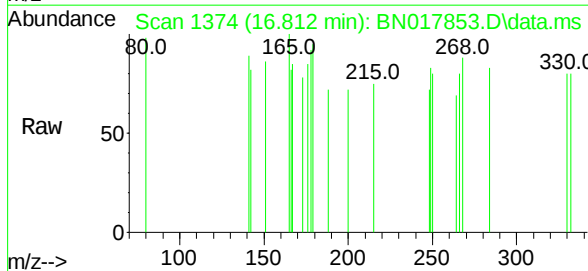
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 33.3 50.8 76.2#

268 91.7 51.8 77.6#



Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.139 min Scan# 1677

Delta R.T. 0.009 min

Lab File: BN017853.D

Acq: 10 Dec 2021 03:31

Instrument :

BNA_N

ClientSampleId :

PB141233BL

Tgt Ion:212 Resp: 91412

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

104 5.7 4.6 6.8

Abundance Scan 1699 (19.139 min): BN017853.D\data.ms

Ref 50

212.0

106.0

244.0

m/z-->

100 120 140 160 180 200 220 240

Abundance Scan 1699 (19.139 min): BN017853.D\data.ms (-1677) (-)

Sub 50

212.0

106.0

244.0

m/z-->

100 120 140 160 180 200 220 240

Abundance

30000

19.139

20000

10000

0

Time-->

19.00 19.20 19.40

Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.303 min Scan# 1996

Delta R.T. 0.021 min

Lab File: BN017853.D

Acq: 10 Dec 2021 03:31

Tgt Ion:240 Resp: 66207

Ion Ratio Lower Upper

240 100

120 8.1 7.9 11.9

236 26.3 21.4 32.2

Abundance Scan 1996 (21.303 min): BN017853.D\data.ms

Ref 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance Scan 1996 (21.303 min): BN017853.D\data.ms (-1975) (-)

Sub 50

240.0

91.0 120.0 149.0 212.0 279.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance

20000

21.303

15000

10000

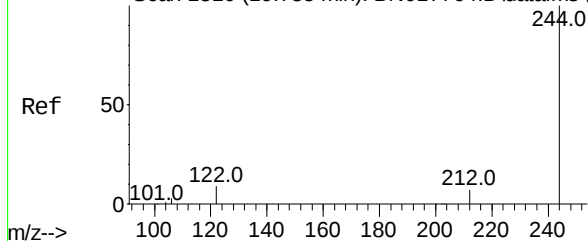
5000

0

Time-->

21.20 21.40

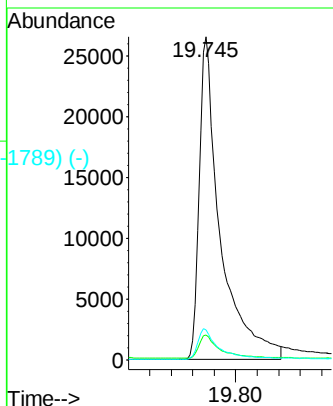
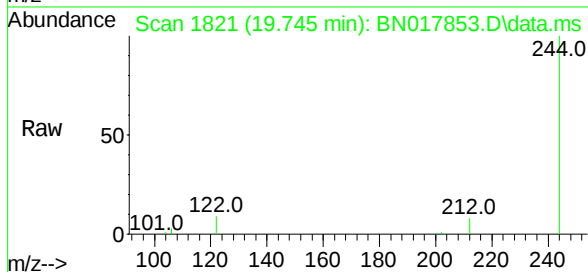
Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1831) (-)



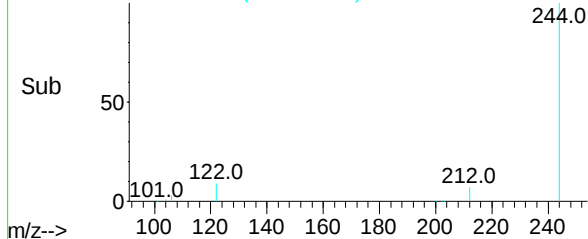
Terphenyl-d14
Concen: 0.50 ng
RT: 19.745 min Scan# 1810
Delta R.T. 0.009 min
Lab File: BN017853.D
Acq: 10 Dec 2021 03:31

Instrument :
BNA_N
ClientSampleId :
PB141233BL

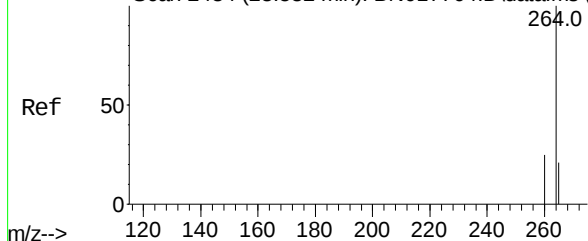
Tgt Ion:	244	Resp:	71704
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.2	7.1	10.7



Abundance Scan 1821 (19.745 min): BN017853.D\data.ms (-1789) (-)

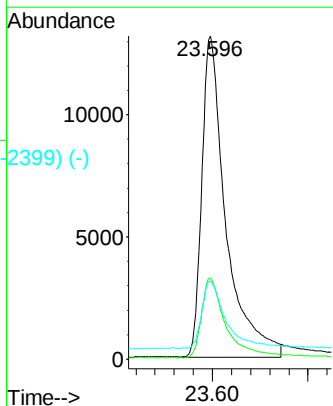
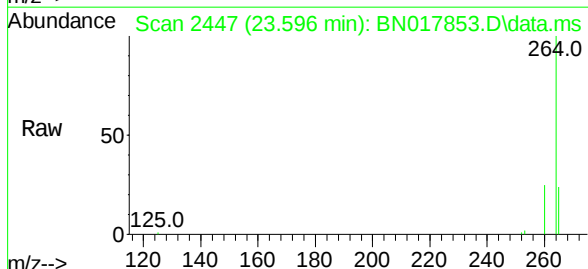


Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2435) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.596 min Scan# 2447
Delta R.T. 0.013 min
Lab File: BN017853.D
Acq: 10 Dec 2021 03:31

Tgt Ion:	264	Resp:	45828
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	24.1	20.5	30.7



Abundance Scan 2447 (23.596 min): BN017853.D\data.ms (-2399) (-)

