

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017836.D
 Acq On : 09 Dec 2021 15:01
 Operator : CG/JU
 Sample : PB141246BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141246BL

Quant Time: Dec 10 06:47:26 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)

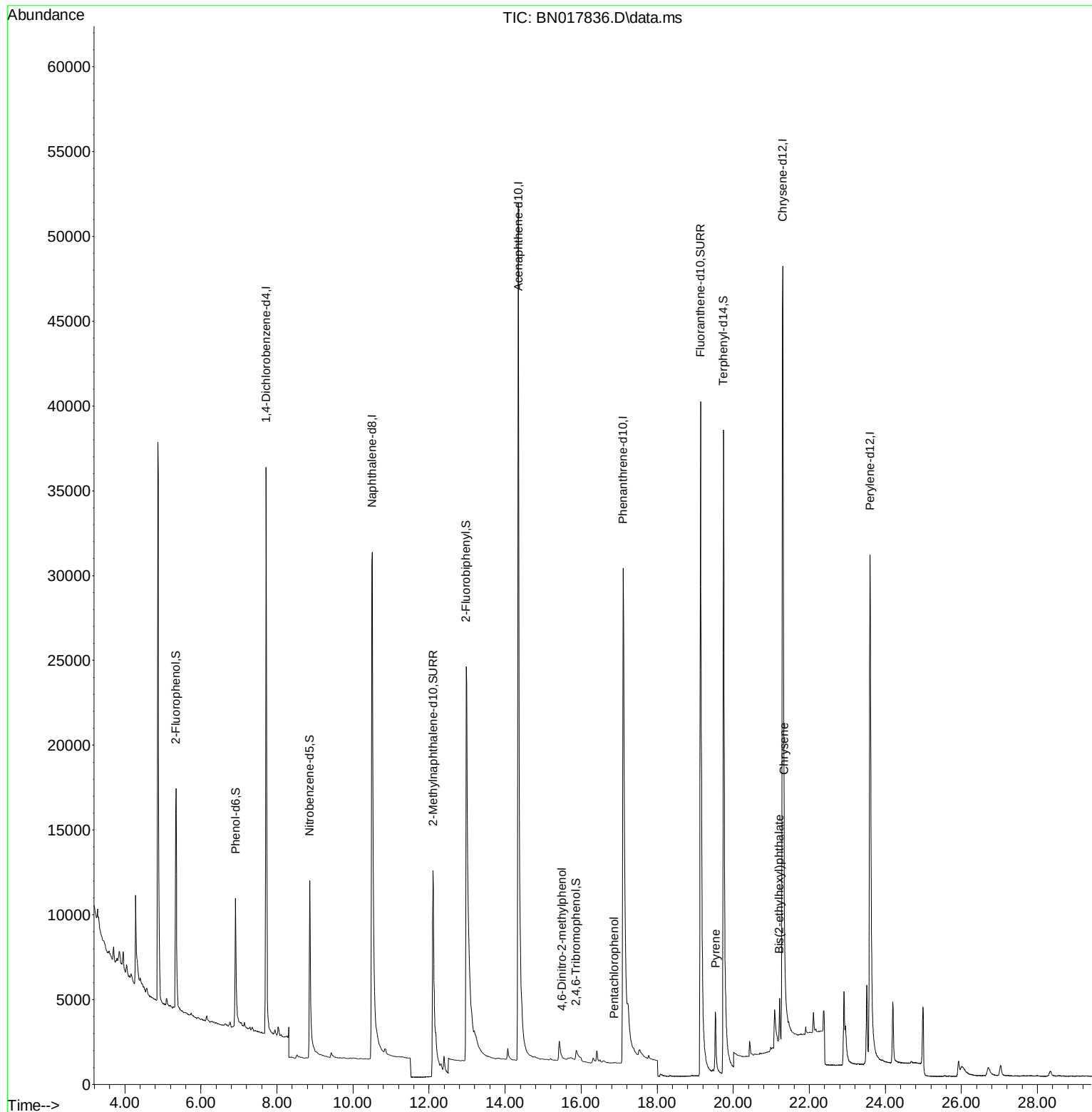
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20410	0.40	ng	0.00
7) Naphthalene-d8	10.507	136	74483	0.40	ng	0.01
13) Acenaphthene-d10	14.347	164	49007	0.40	ng	0.00
19) Phenanthrene-d10	17.105	188	92562	0.40	ng	# 0.01
29) Chrysene-d12	21.304	240	79764	0.40	ng	# 0.02
35) Perylene-d12	23.599	264	61133	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	12555	0.25	ng	0.02
5) Phenol-d6	6.912	99	9050	0.19	ng	0.00
8) Nitrobenzene-d5	8.859	82	12956	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.103	152	34739	0.23	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	1174	0.05	ng	0.02
15) 2-Fluorobiphenyl	12.977	172	39545	0.22	ng	0.01
27) Fluoranthene-d10	19.139	212	86059	0.28	ng	0.00
31) Terphenyl-d14	19.745	244	76076	0.44	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.489	198	12	0.09	ng	# 38
24) Pentachlorophenol	16.873	266	33	0.28	ng	# 18
30) Pyrene	19.531	202	5554	0.02	ng	100
33) Chrysene	21.335	228	5609	0.02	ng	96
34) Bis(2-ethylhexyl)phtha...	21.219	149	2699	0.02	ng	98

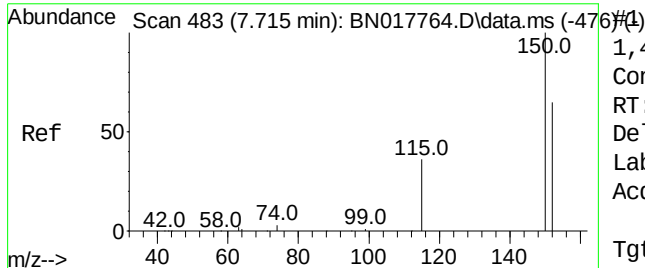
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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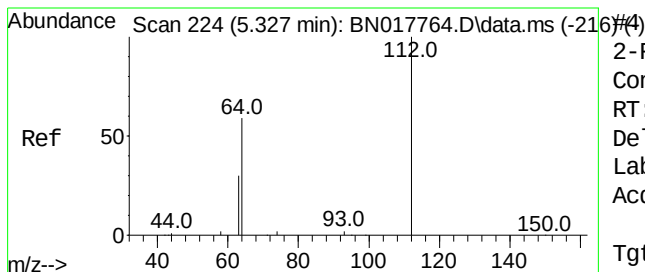
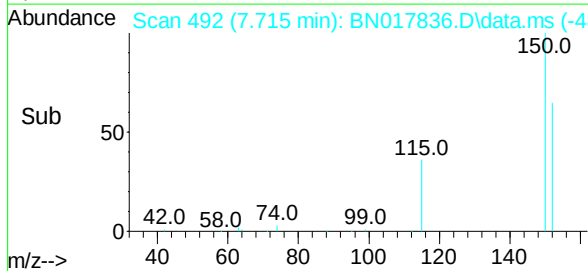
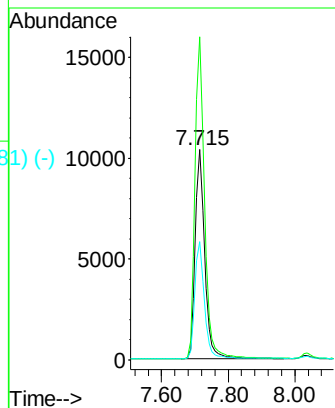
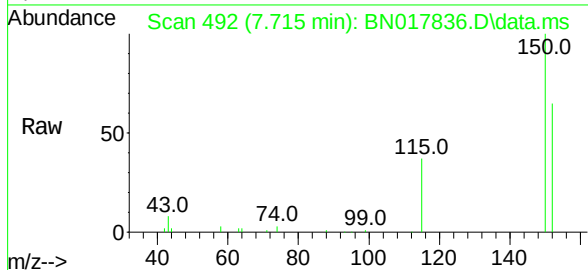




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

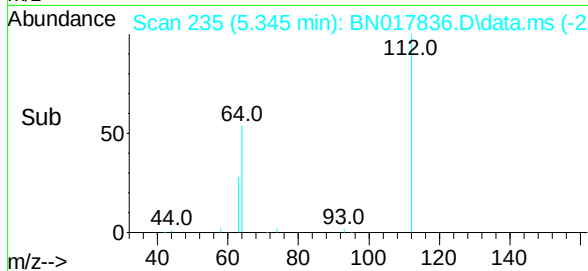
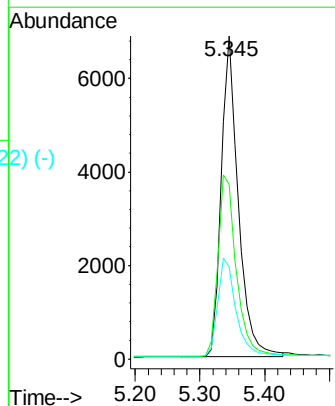
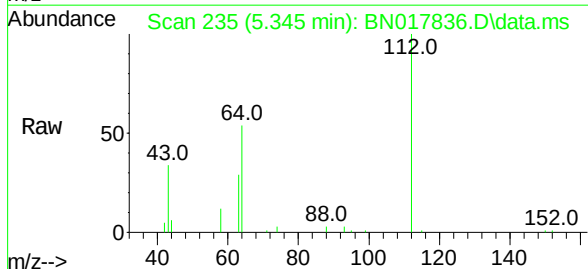
Instrument :
 BNA_N
 ClientSampleId :
 PB141246BL

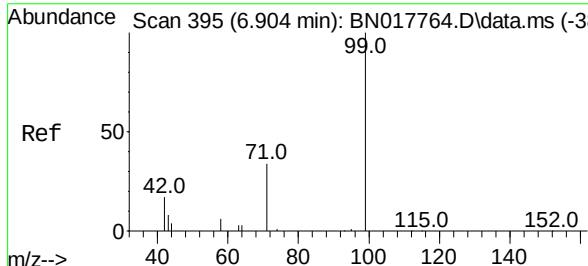
Tgt Ion:152 Resp: 20410
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.0 184.4
 115 56.1 45.3 67.9



2-Fluorophenol
 Concen: 0.25 ng
 RT: 5.345 min Scan# 235
 Delta R.T. 0.018 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

Tgt Ion:112 Resp: 12555
 Ion Ratio Lower Upper
 112 100
 64 61.2 49.3 73.9
 63 32.7 25.8 38.8

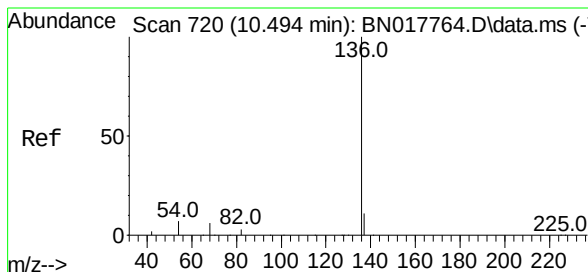
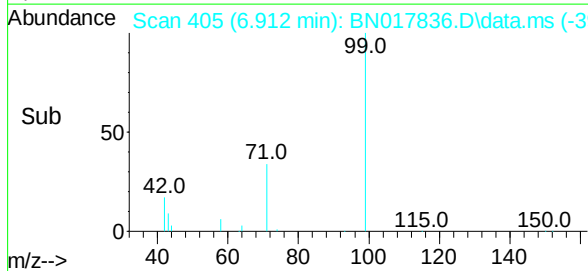
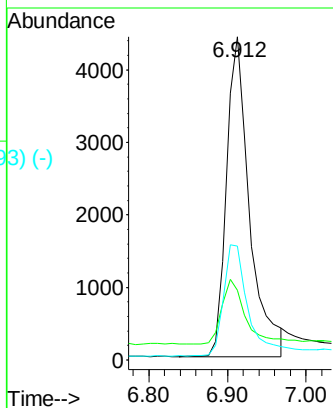
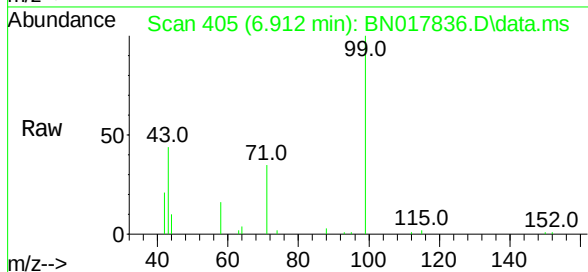




Phenol-d6
 Concen: 0.19 ng
 RT: 6.912 min Scan# 415
 Delta R.T. 0.009 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

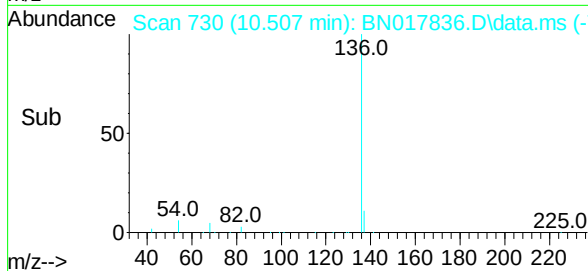
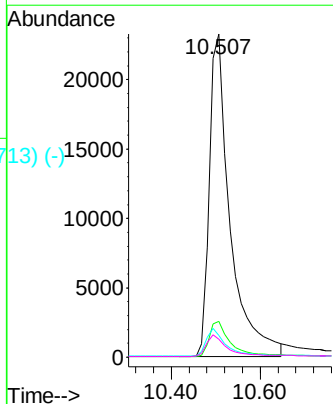
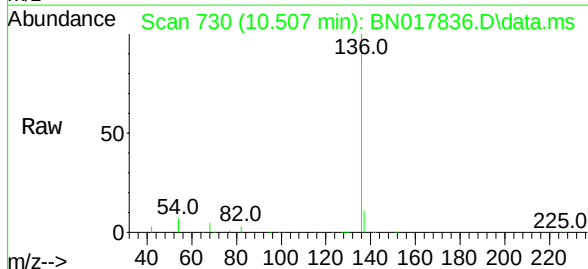
Instrument :
 BNA_N
 ClientSampleId :
 PB141246BL

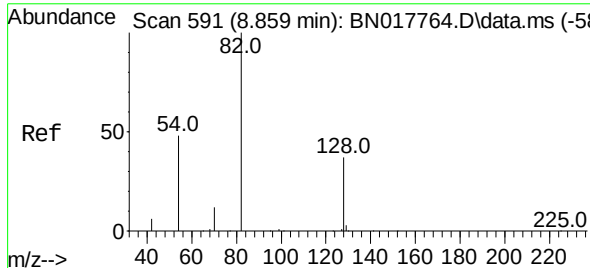
Tgt Ion:	99	Resp:	9050
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.6	25.0
71	36.4	29.0	43.4



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.507 min Scan# 730
 Delta R.T. 0.012 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

Tgt Ion:	136	Resp:	74483
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.9	8.9
68	5.5	5.0	7.6





Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

Instrument :

BNA_N

ClientSampleId :

PB141246BL

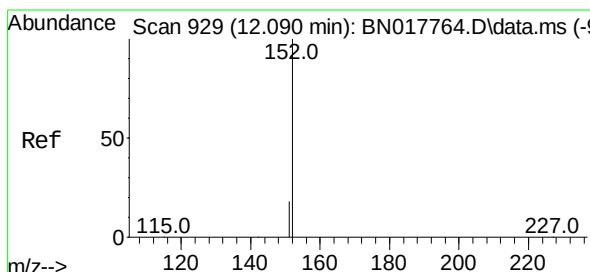
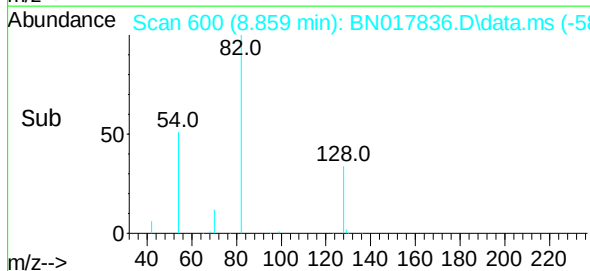
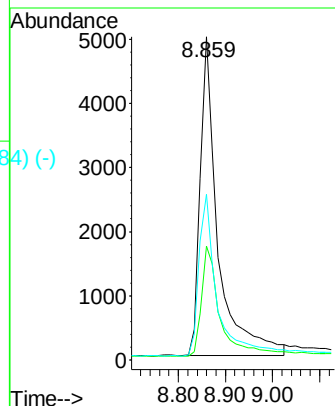
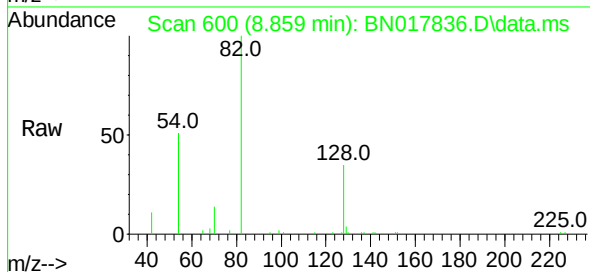
Tgt Ion: 82 Resp: 12956

Ion Ratio Lower Upper

82 100

128 35.2 30.2 45.2

54 51.3 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.23 ng

RT: 12.103 min Scan# 941

Delta R.T. 0.013 min

Lab File: BN017836.D

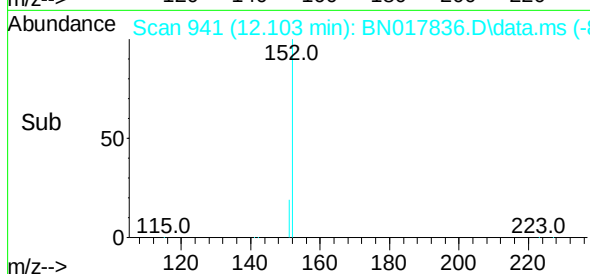
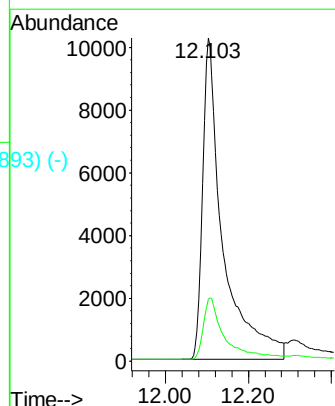
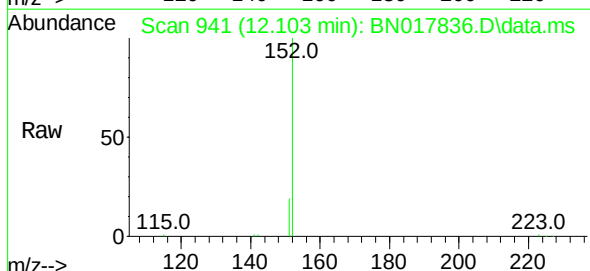
Acq: 09 Dec 2021 15:01

Tgt Ion: 152 Resp: 34739

Ion Ratio Lower Upper

152 100

151 20.5 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: BN017836.D

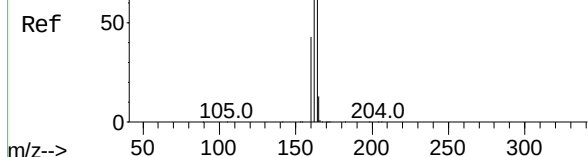
Acq: 09 Dec 2021 15:01

Instrument :

BNA_N

ClientSampleId :

PB141246BL



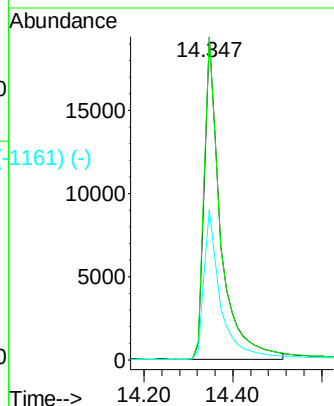
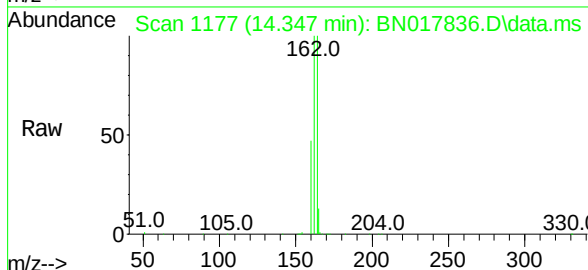
Tgt Ion:164 Resp: 49007

Ion Ratio Lower Upper

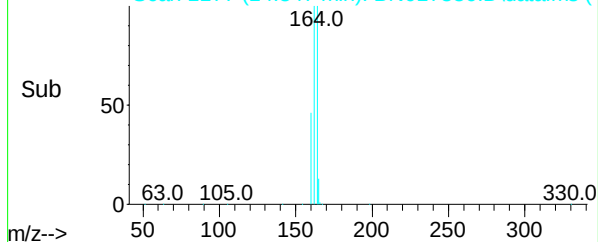
164 100

162 100.1 79.0 118.6

160 46.7 34.6 52.0



Abundance Scan 1177 (14.347 min): BN017836.D\data.ms (-1161) (-)



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1281) (-)

2,4,6-Tribromophenol

Concen: 0.05 ng

RT: 15.870 min Scan# 1297

Delta R.T. 0.025 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

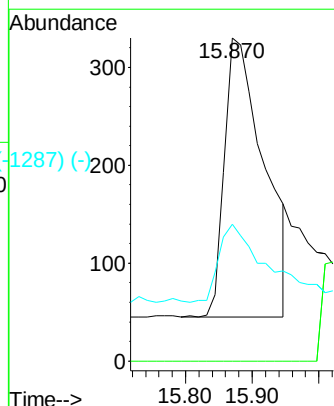
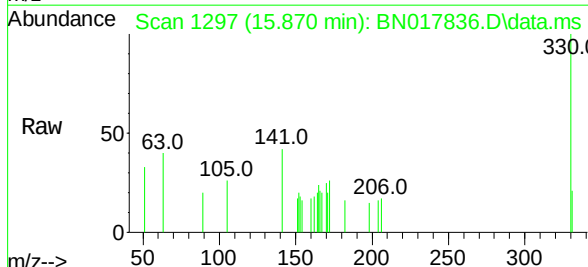
Tgt Ion:330 Resp: 1174

Ion Ratio Lower Upper

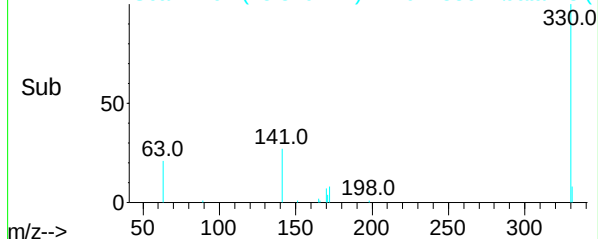
330 100

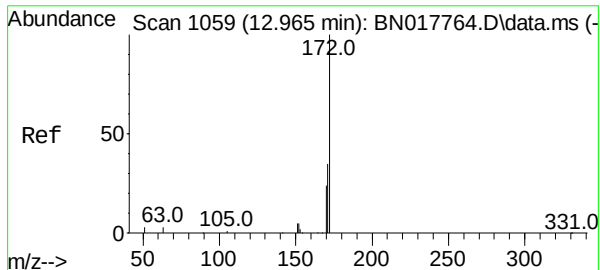
332 0.0 0.0 0.0

141 27.1 21.5 32.3



Abundance Scan 1297 (15.870 min): BN017836.D\data.ms (-1287) (-)

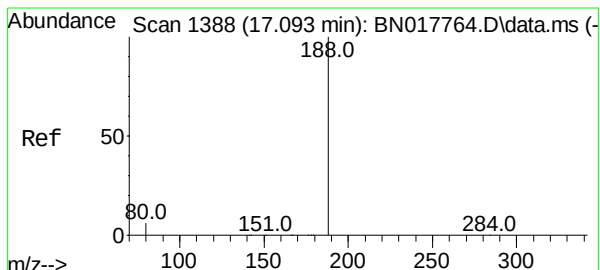
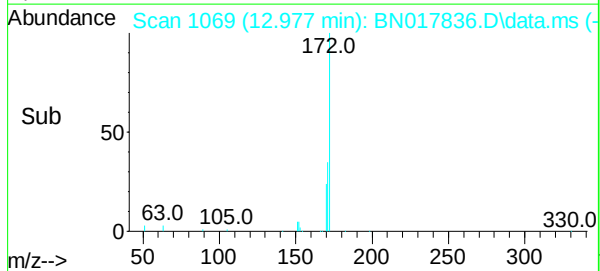
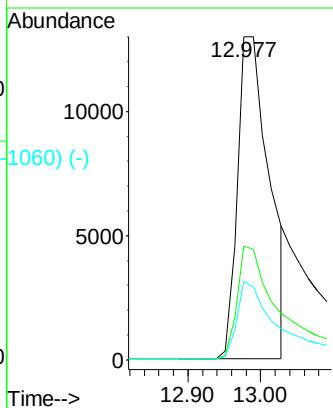
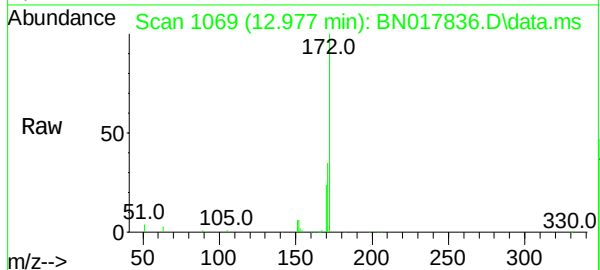




2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017836.D
Acq: 09 Dec 2021 15:01

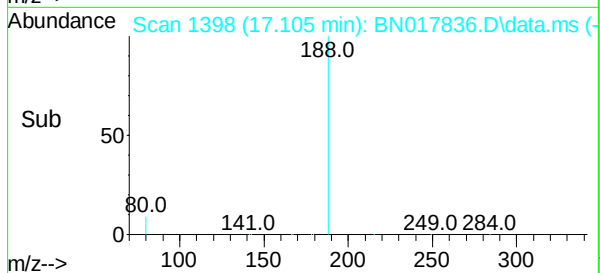
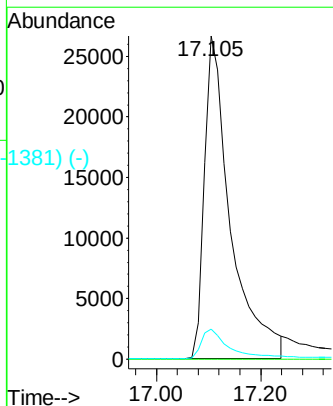
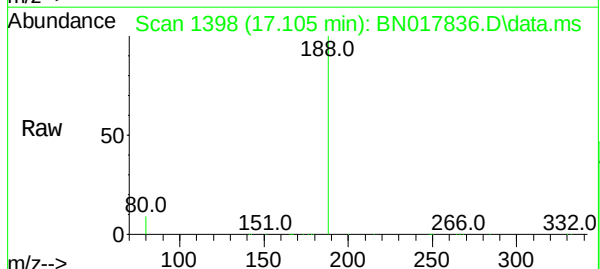
Instrument :
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Tgt Ion:	172	Resp:	39545
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.1	42.1
170	24.3	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.105 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BN017836.D
Acq: 09 Dec 2021 15:01

Tgt Ion:	188	Resp:	92562
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	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: 15.489 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BN017836.D

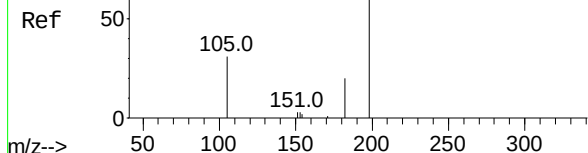
Acq: 09 Dec 2021 15:01

Instrument :

BNA_N

ClientSampleId :

PB141246BL



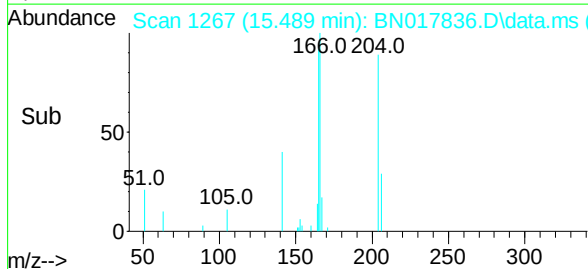
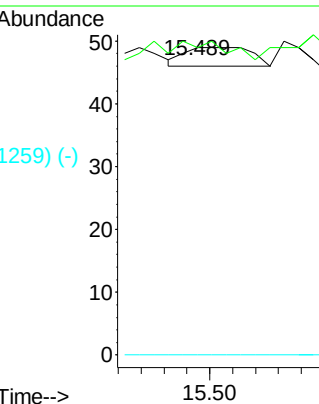
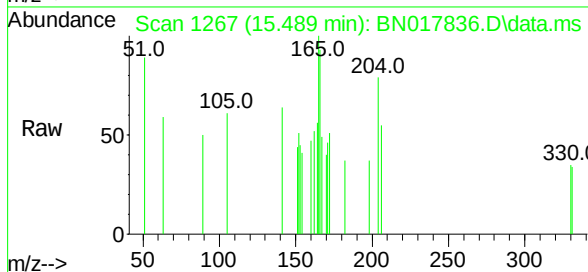
Tgt Ion:198 Resp: 12

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

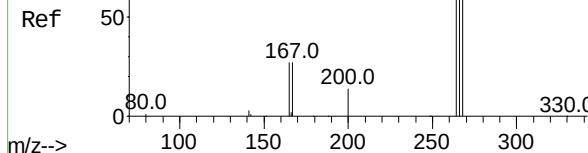
Concen: 0.28 ng

RT: 16.873 min Scan# 1379

Delta R.T. 0.109 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01



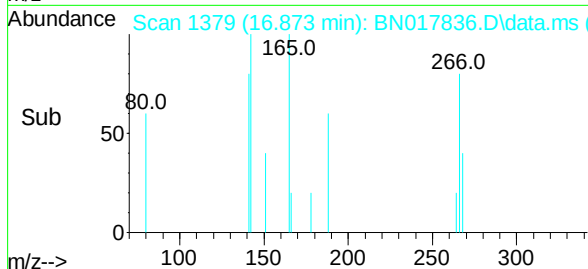
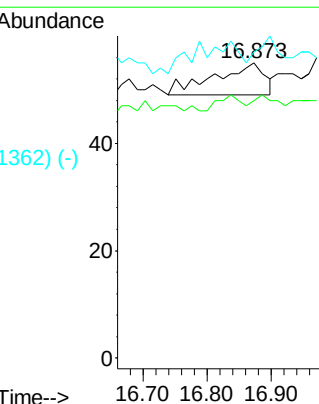
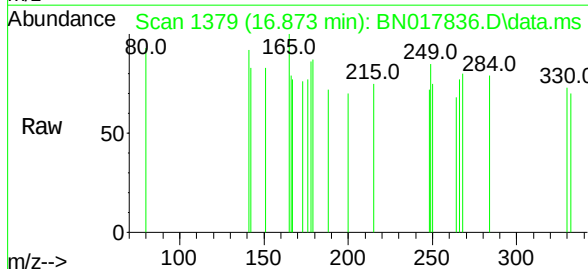
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

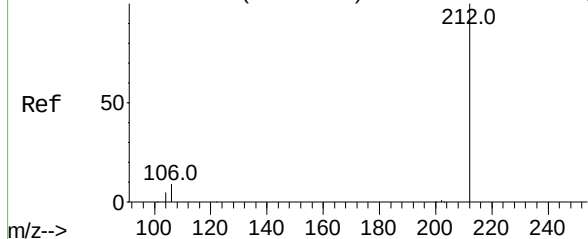
266 100

264 0.0 50.8 76.2#

268 0.0 51.8 77.6#



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



Fluoranthene-d10

Concen: 0.28 ng

RT: 19.139 min Scan# 1688

Delta R.T. 0.010 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

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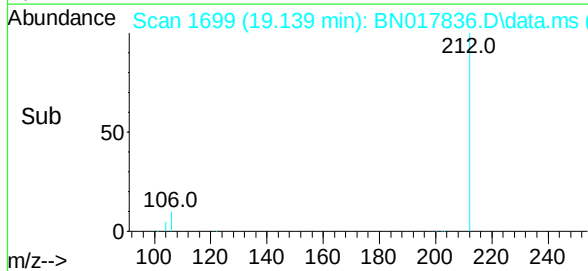
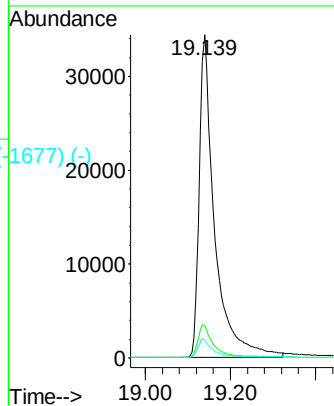
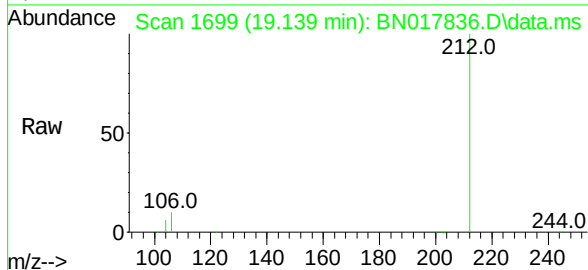
Tgt Ion:212 Resp: 86059

Ion Ratio Lower Upper

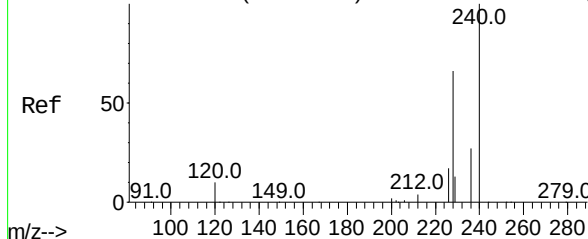
212 100

106 10.2 8.2 12.2

104 5.7 4.6 6.8



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



Chrysene-d12

Concen: 0.40 ng

RT: 21.304 min Scan# 1996

Delta R.T. 0.021 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

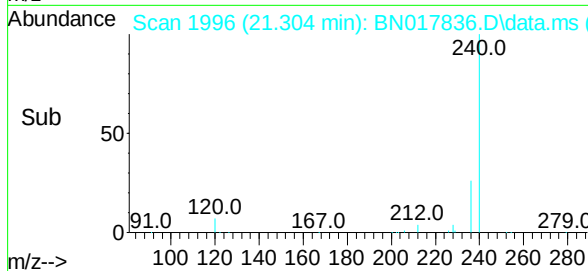
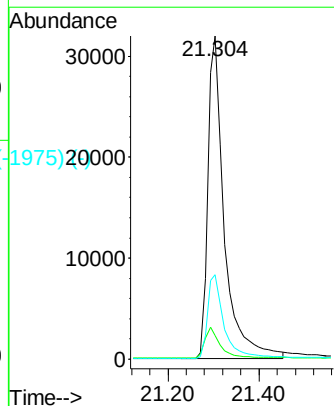
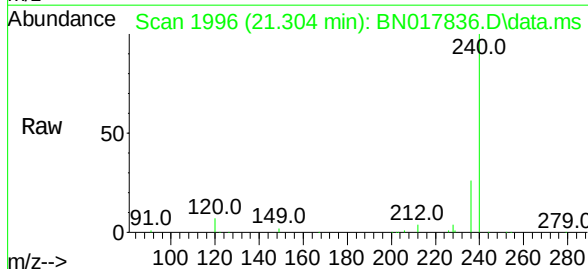
Tgt Ion:240 Resp: 79764

Ion Ratio Lower Upper

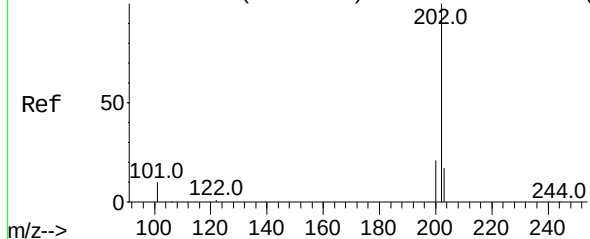
240 100

120 7.3 7.9 11.9#

236 26.2 21.4 32.2



Abundance Scan 1767 (19.522 min): BN017764.D\data.ms (-1736) (-)



Pyrene

Concen: 0.02 ng

RT: 19.531 min Scan# 1736

Delta R.T. 0.010 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

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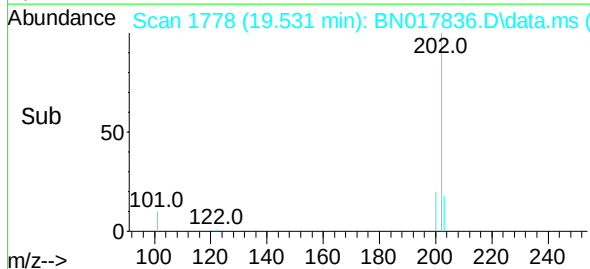
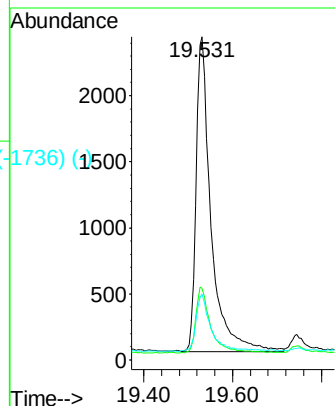
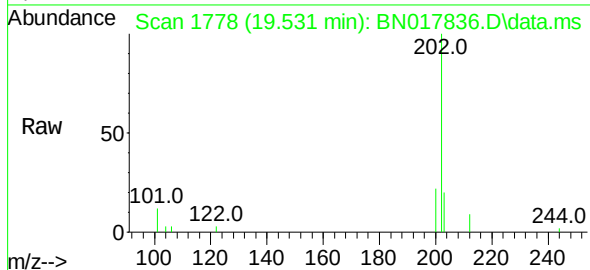
Tgt Ion:202 Resp: 5554

Ion Ratio Lower Upper

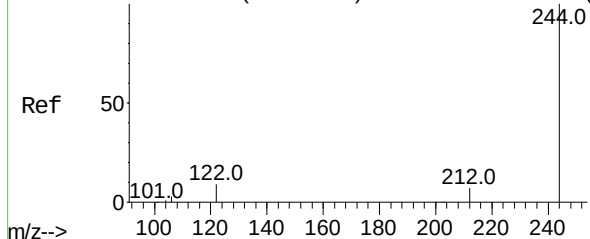
202 100

200 20.5 16.5 24.7

203 17.7 14.0 21.0



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1801) (-)



Terphenyl-d14

Concen: 0.44 ng

RT: 19.745 min Scan# 1821

Delta R.T. 0.010 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

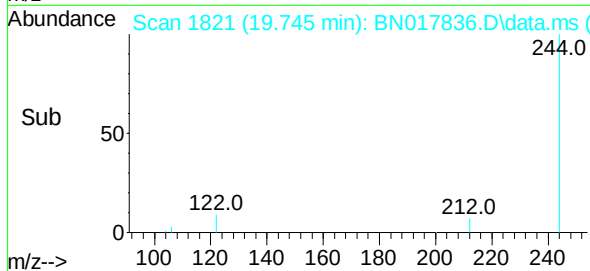
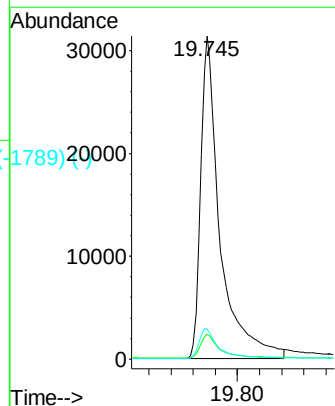
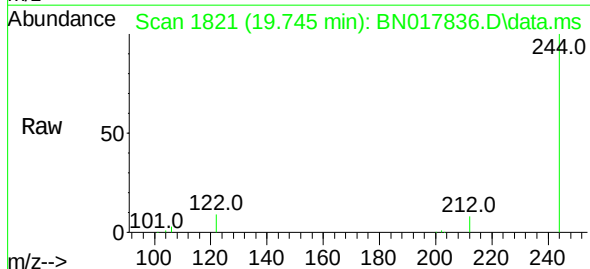
Tgt Ion:244 Resp: 76076

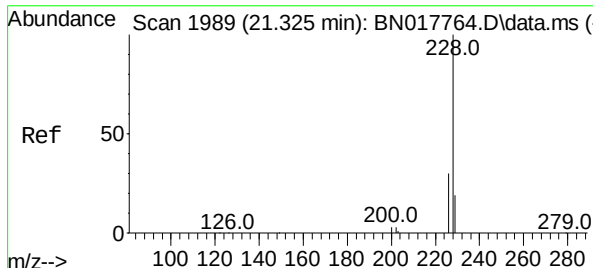
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.3 7.1 10.7

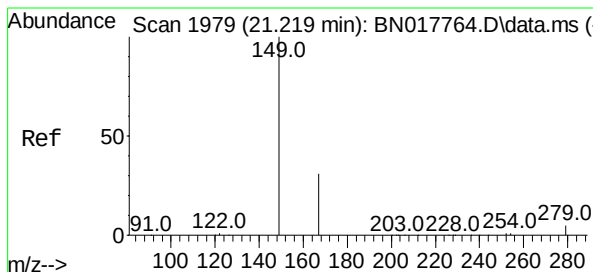
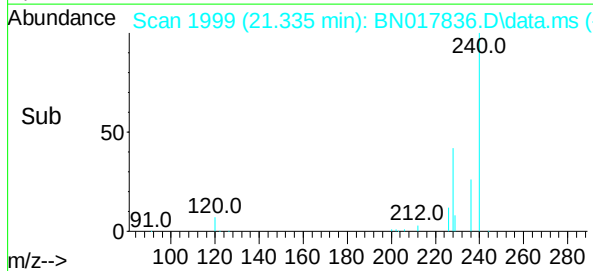
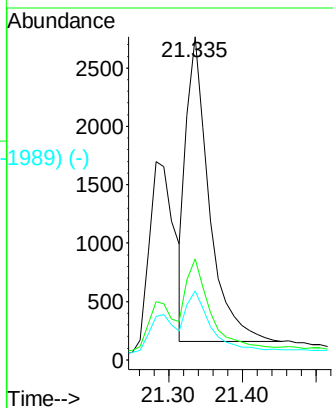
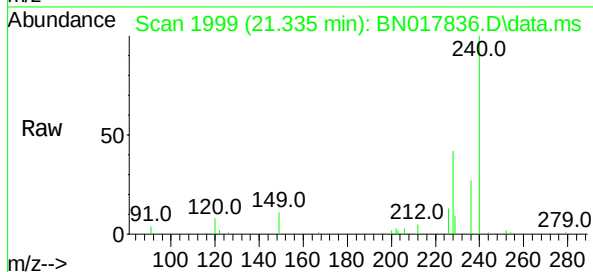




Scan 1989 (21.325 min): BN017764.D\data.ms (-1989) (-)
 Chrysene
 Concen: 0.02 ng
 RT: 21.335 min Scan# 1989
 Delta R.T. 0.010 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

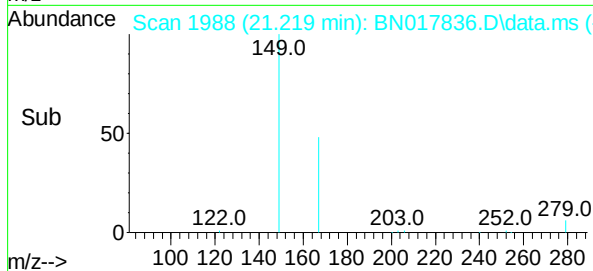
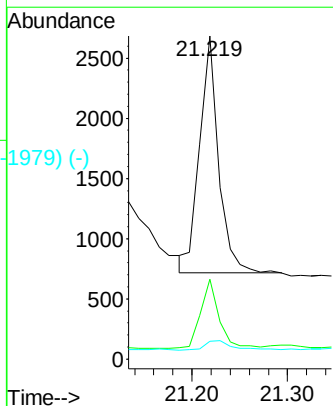
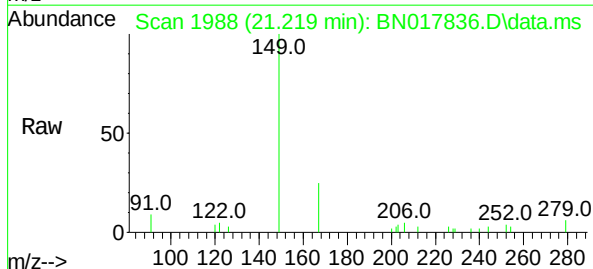
Instrument :
 BNA_N
 ClientSampleId :
 PB141246BL

Tgt Ion:	228	Resp:	5609
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.6	35.4
229	21.4	15.6	23.4

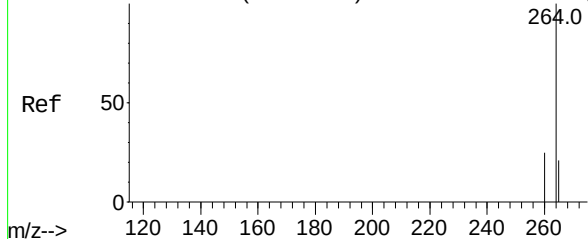


Scan 1979 (21.219 min): BN017764.D\data.ms (-1979) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng
 RT: 21.219 min Scan# 1988
 Delta R.T. -0.000 min
 Lab File: BN017836.D
 Acq: 09 Dec 2021 15:01

Tgt Ion:	149	Resp:	2699
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.5	35.3
279	5.6	3.8	5.6



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



Perylene-d12

Concen: 0.40 ng

RT: 23.599 min Scan# 1

Delta R.T. 0.017 min

Lab File: BN017836.D

Acq: 09 Dec 2021 15:01

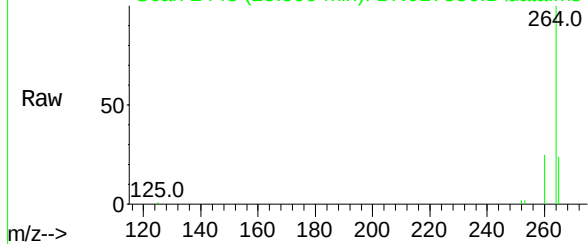
Instrument :

BNA_N

ClientSampleId :

PB141246BL

Abundance Scan 2448 (23.599 min): BN017836.D\data.ms



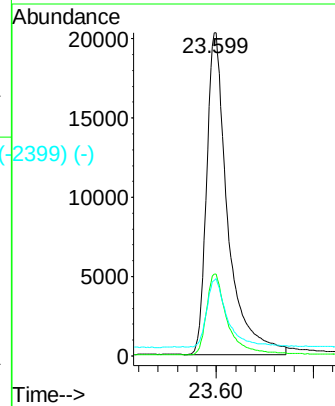
Tgt Ion:264 Resp: 61133

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 24.0 20.5 30.7



Abundance Scan 2448 (23.599 min): BN017836.D\data.ms (-2399) (-)

