

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017840.D
 Acq On : 09 Dec 2021 18:30
 Operator : CG/JU
 Sample : M4924-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20211202

Quant Time: Dec 10 06:48:33 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)

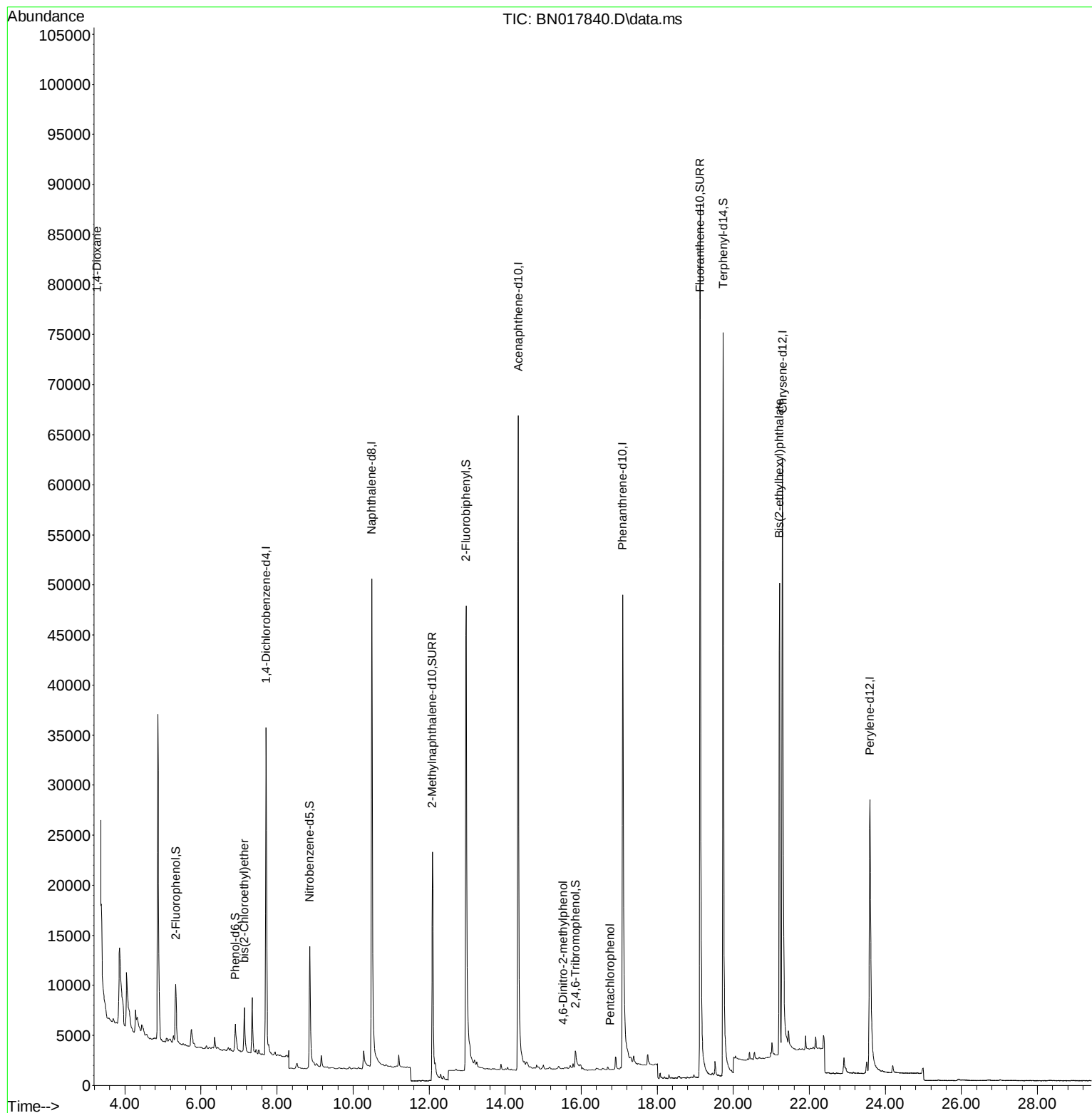
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20311	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	79911	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	51492	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	103474	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	87079	0.40	ng	# 0.00
35) Perylene-d12	23.592	264	56824	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6495	0.13	ng	0.00
5) Phenol-d6	6.903	99	3134	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	14309	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	42071	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	3022	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	61602	0.33	ng	0.01
27) Fluoranthene-d10	19.129	212	138053	0.40	ng	0.00
31) Terphenyl-d14	19.735	244	111933	0.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	42334	5.66	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	3867	0.07	ng	96
20) 4,6-Dinitro-2-methylph...	15.527	198	11	0.09	ng	# 25
24) Pentachlorophenol	16.764	266	11	0.28	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.218	149	50317	0.41	ng	100

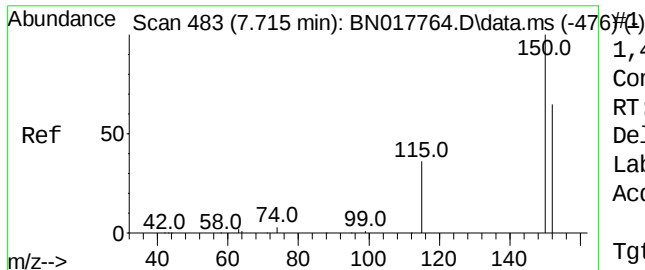
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.714 min Scan# 4

Delta R.T. -0.001 min

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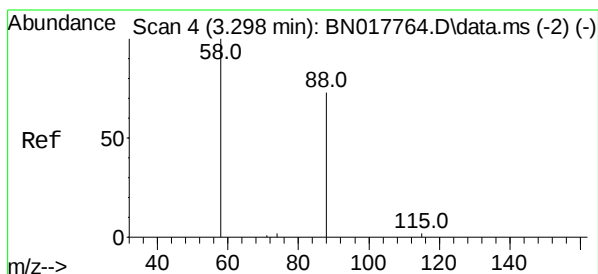
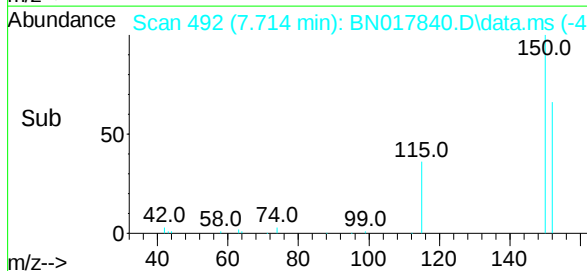
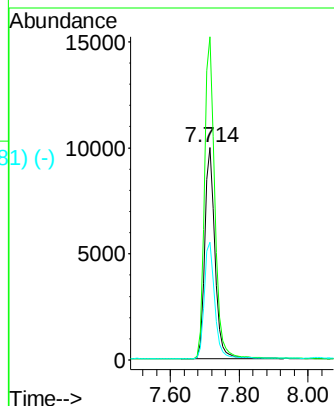
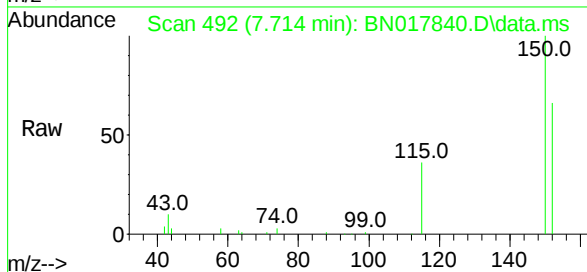
Tgt Ion:152 Resp: 20311

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

115 55.5 45.3 67.9



#2

1,4-Dioxane

Concen: 5.66 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017840.D

Acq: 09 Dec 2021 18:30

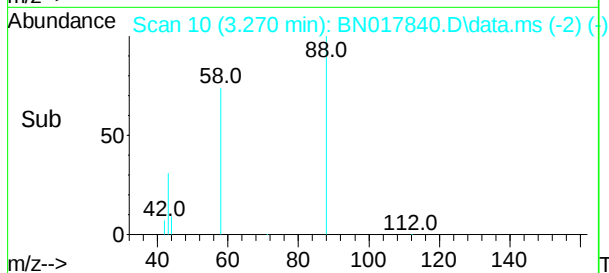
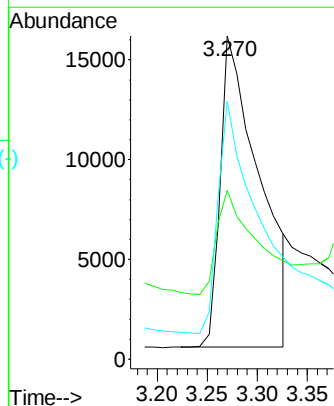
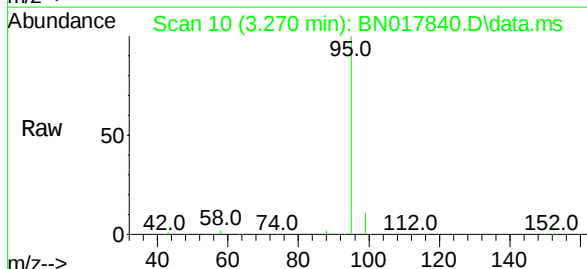
Tgt Ion: 88 Resp: 42334

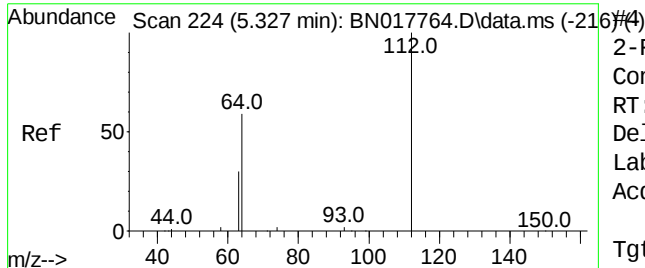
Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 72.6 0.0 0.0#





2-Fluorophenol

Concen: 0.13 ng

RT: 5.335 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017840.D

Acq: 09 Dec 2021 18:30

Instrument :

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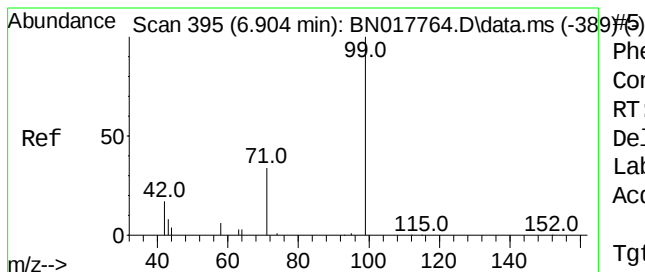
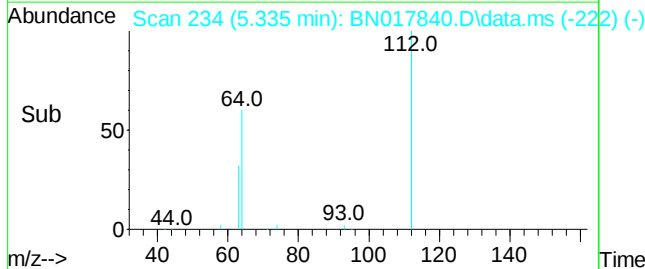
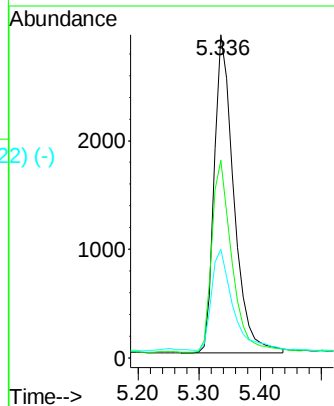
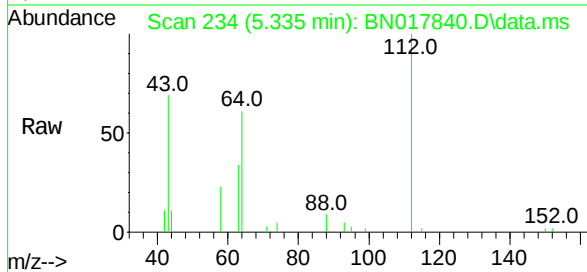
Tgt Ion:112 Resp: 6495

Ion Ratio Lower Upper

112 100

64 61.6 49.3 73.9

63 34.1 25.8 38.8



Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017840.D

Acq: 09 Dec 2021 18:30

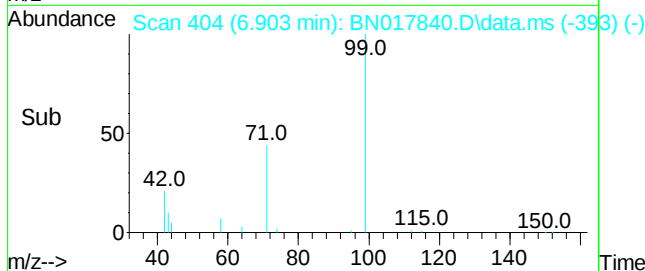
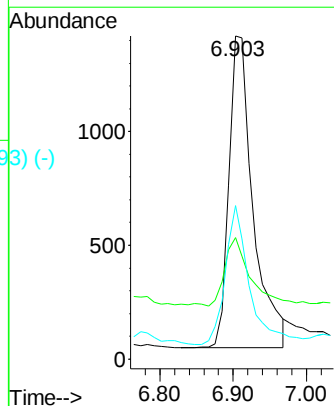
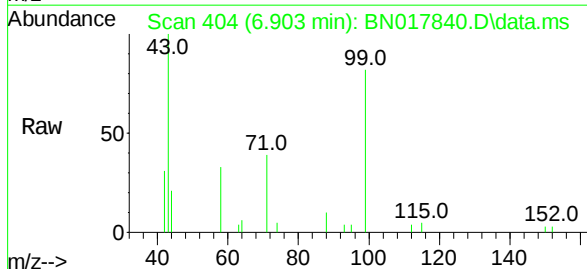
Tgt Ion: 99 Resp: 3134

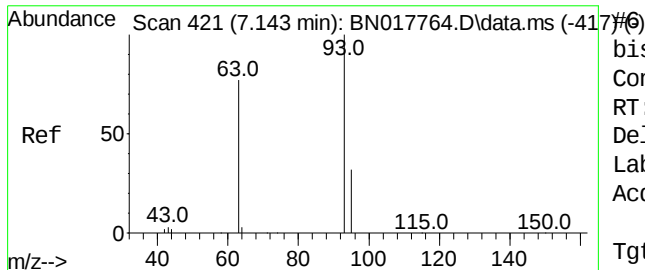
Ion Ratio Lower Upper

99 100

42 22.6 16.6 25.0

71 43.4 29.0 43.4

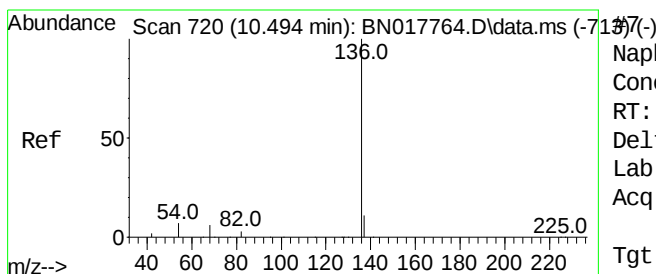
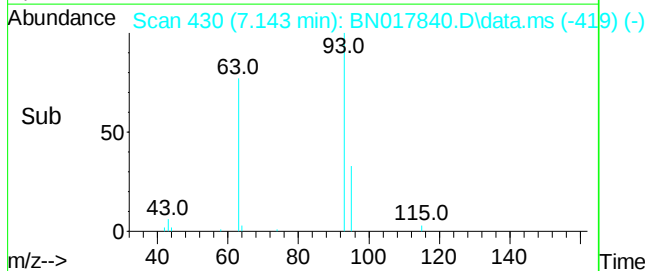
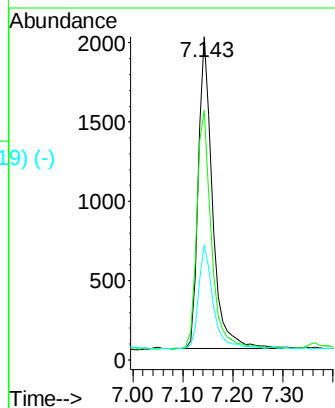
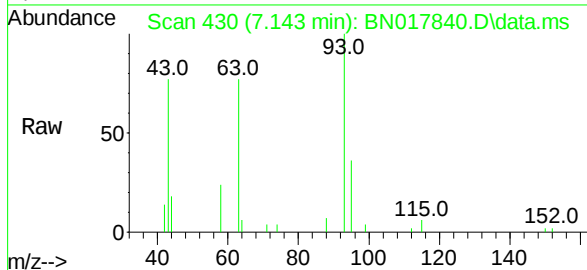




bis(2-Chloroethyl)ether
 Concen: 0.07 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.001 min
 Lab File: BN017840.D
 Acq: 09 Dec 2021 18:30

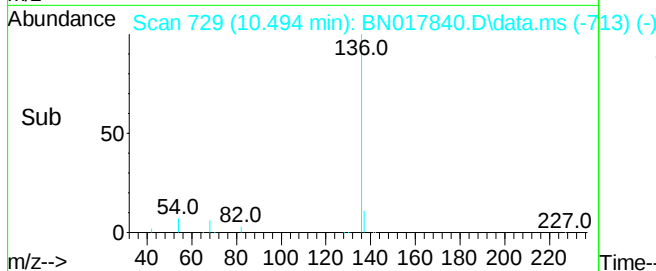
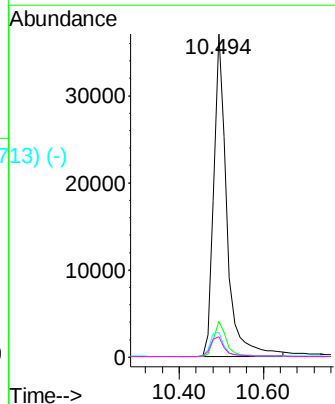
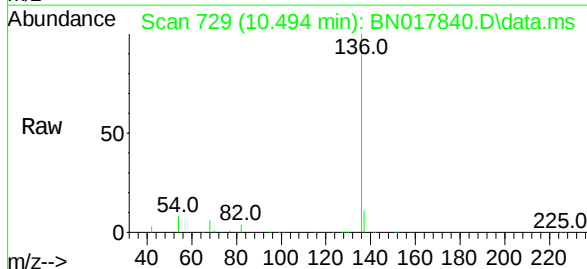
Instrument :
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 ClientSampleId :
 RE108D2-20211202

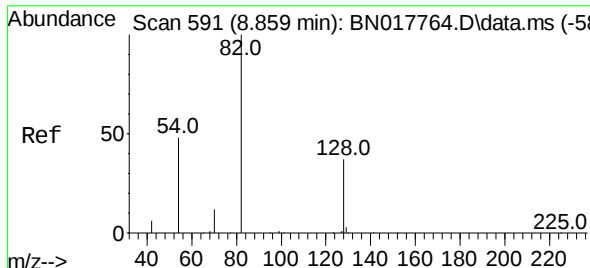
Tgt Ion:	93	Resp:	3867
Ion	Ratio	Lower	Upper
93	100		
63	81.3	62.0	93.0
95	34.0	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.001 min
 Lab File: BN017840.D
 Acq: 09 Dec 2021 18:30

Tgt Ion:	136	Resp:	79911
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.9	8.9
68	6.4	5.0	7.6





Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan#

Delta R.T. -0.001 min

Lab File: BN017840.D

Acq: 09 Dec 2021 18:30

Instrument :

BNA_N

ClientSampleId :

RE108D2-20211202

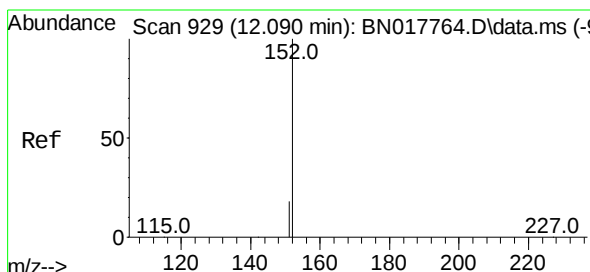
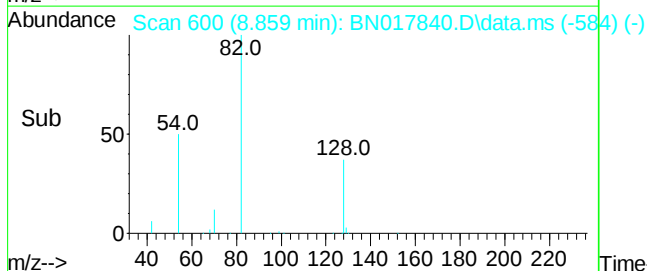
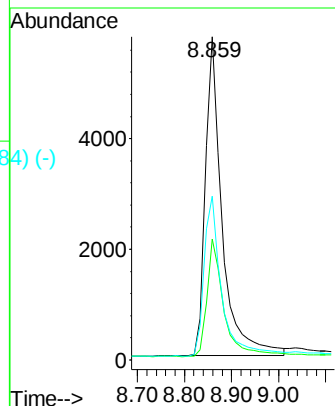
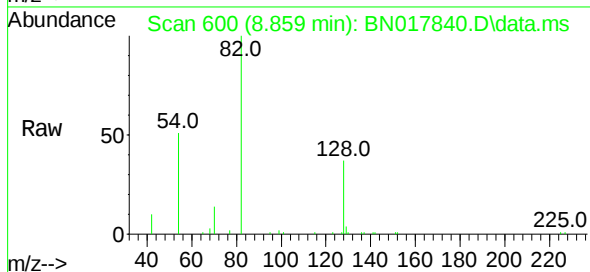
Tgt Ion: 82 Resp: 14309

Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.2

54 50.7 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.26 ng

RT: 12.089 min Scan# 938

Delta R.T. -0.001 min

Lab File: BN017840.D

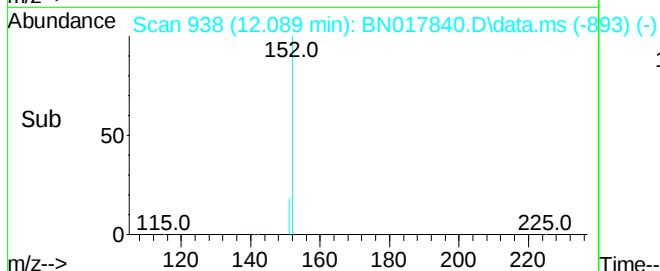
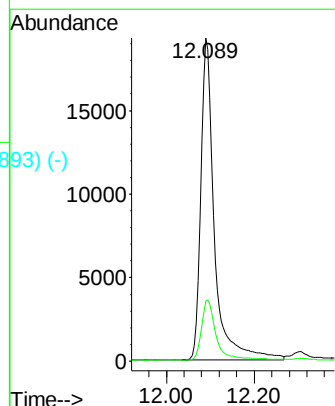
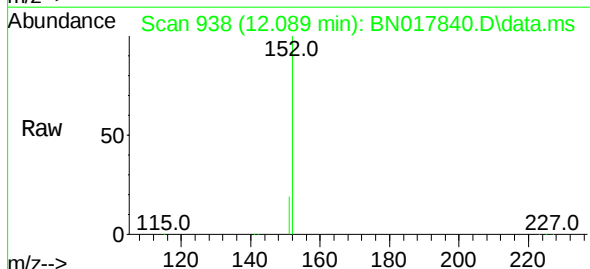
Acq: 09 Dec 2021 18:30

Tgt Ion: 152 Resp: 42071

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. -0.001 min

Lab File: BN017840.D

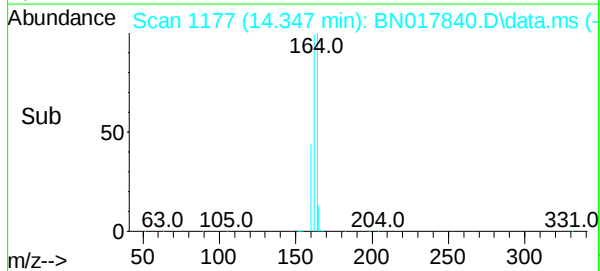
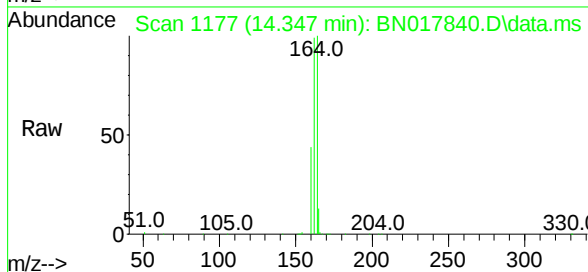
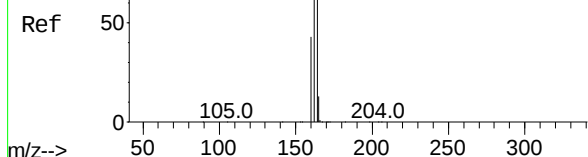
Acq: 09 Dec 2021 18:30

Instrument :

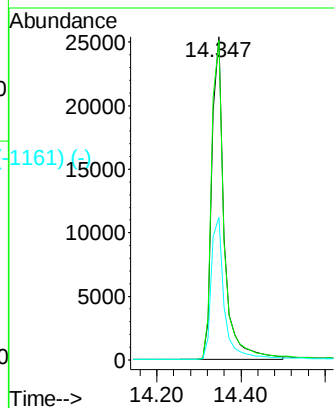
BN017840.D

ClientSampleId :

RE108D2-20211202



Tgt Ion:	164	Resp:	51492
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.0	118.6
160	44.1	34.6	52.0



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

2,4,6-Tribromophenol

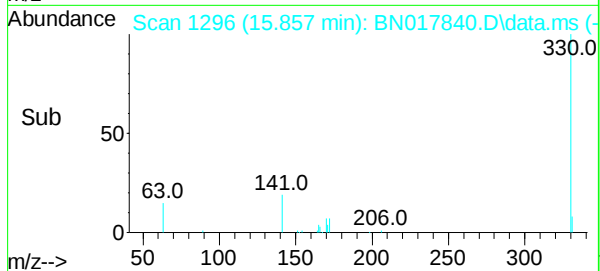
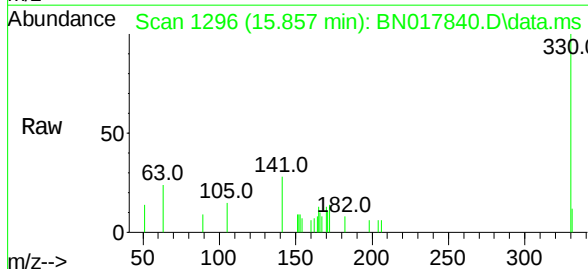
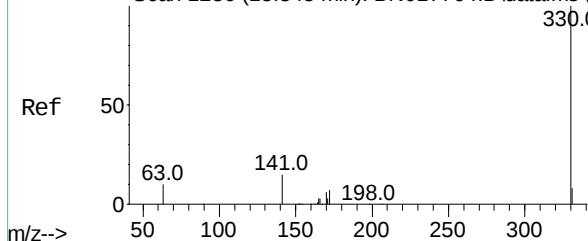
Concen: 0.11 ng

RT: 15.857 min Scan# 1296

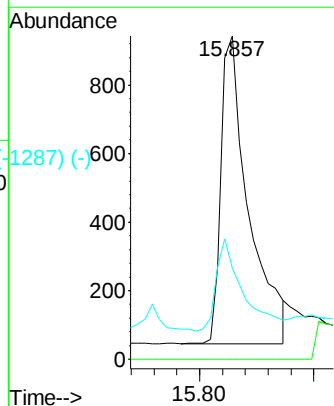
Delta R.T. 0.012 min

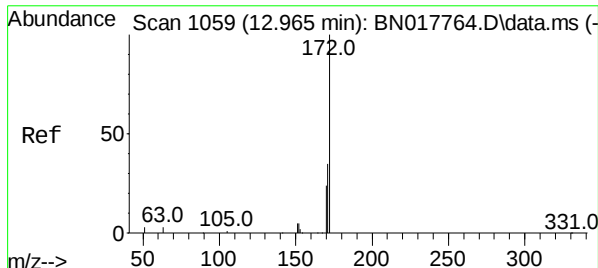
Lab File: BN017840.D

Acq: 09 Dec 2021 18:30



Tgt Ion:	330	Resp:	3022
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	28.8	21.5	32.3

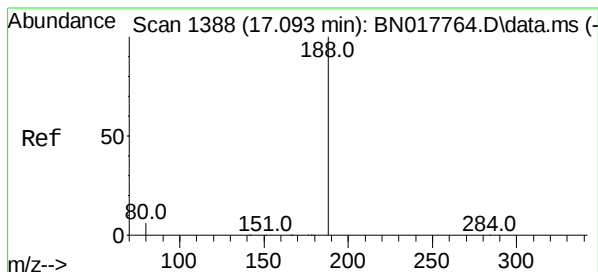
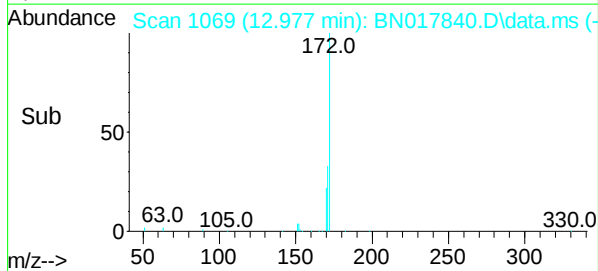
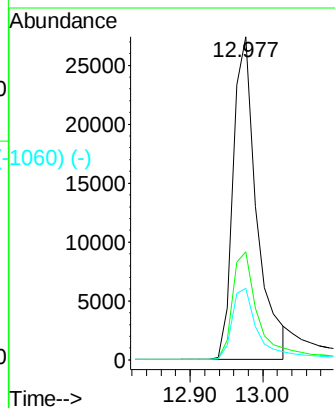
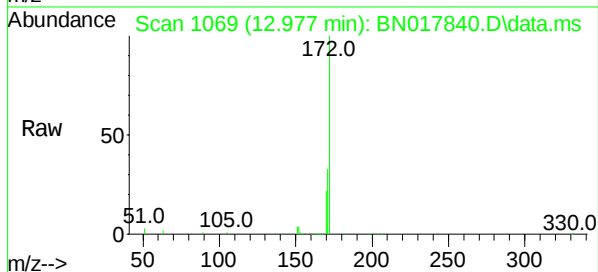




2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

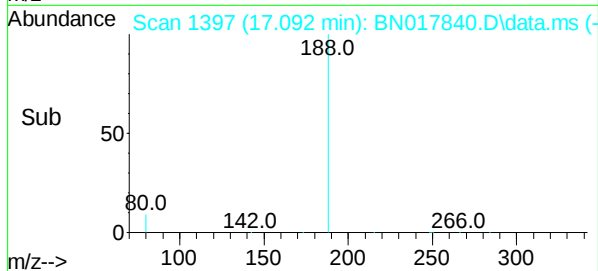
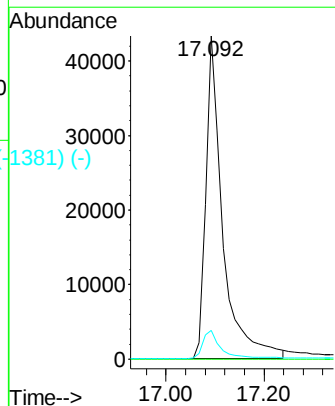
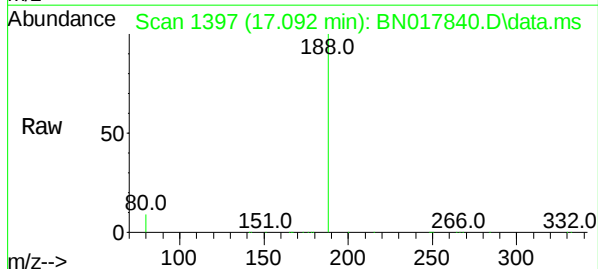
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Tgt Ion:	172	Resp:	61602
Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.1	42.1
170	22.2	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

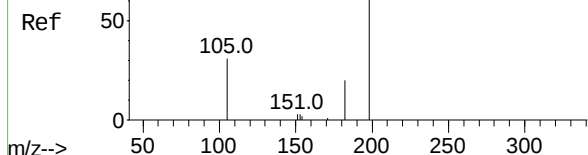
Tgt Ion:	188	Resp:	103474
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	5.1	7.7#



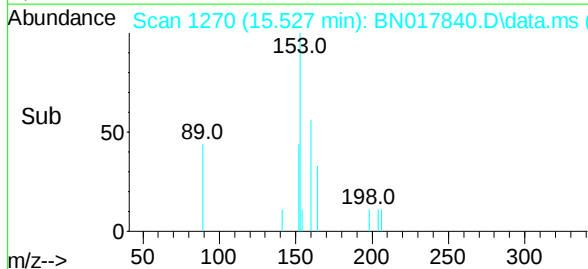
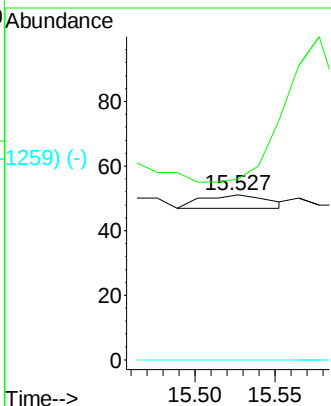
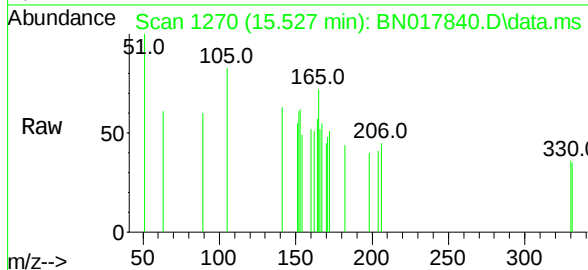
Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.527 min Scan# 1259
Delta R.T. 0.038 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

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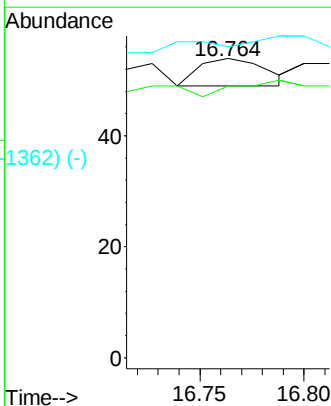
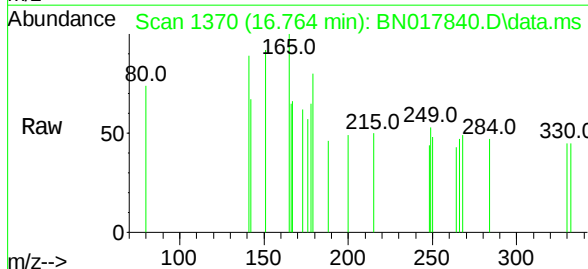
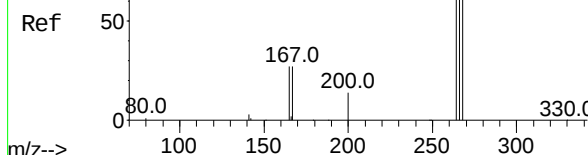
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 109.8 44.2 66.2#
77 0.0 0.0 0.0



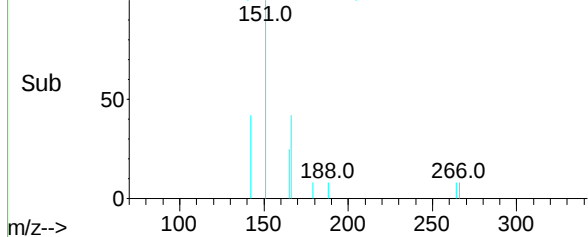
Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol
Concen: 0.28 ng
RT: 16.764 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 0.0 50.8 76.2#
268 0.0 51.8 77.6#



Abundance Scan 1370 (16.764 min): BN017840.D\data.ms (-1362) (-)



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

Fluoranthene-d10

Concen: 0.40 ng

RT: 19.129 min Scan# 1688

Delta R.T. -0.001 min

Lab File: BN017840.D

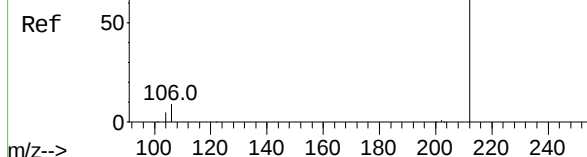
Acq: 09 Dec 2021 18:30

Instrument :

BNA_N

ClientSampleId :

RE108D2-20211202



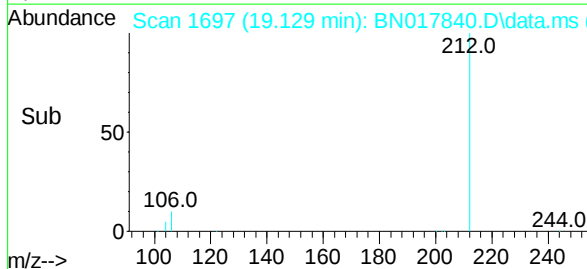
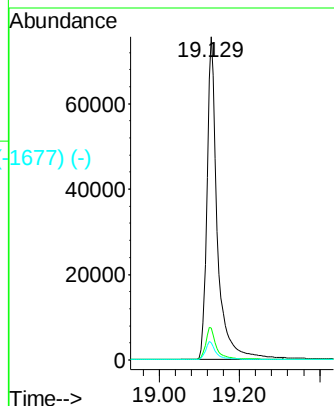
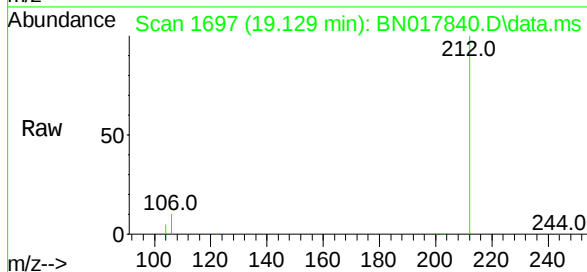
Tgt Ion:212 Resp: 138053

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

104 5.7 4.6 6.8



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1925) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017840.D

Acq: 09 Dec 2021 18:30

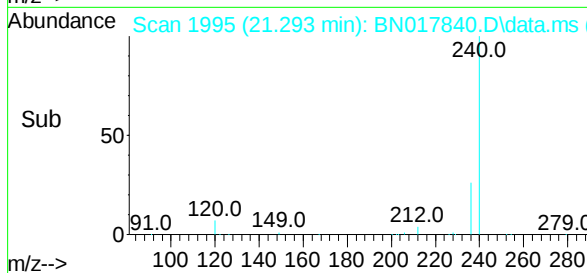
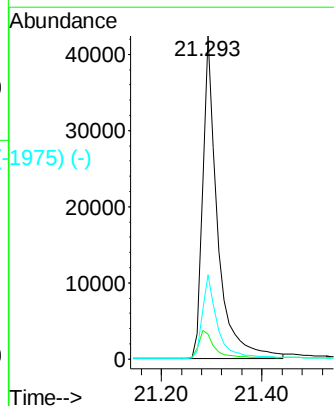
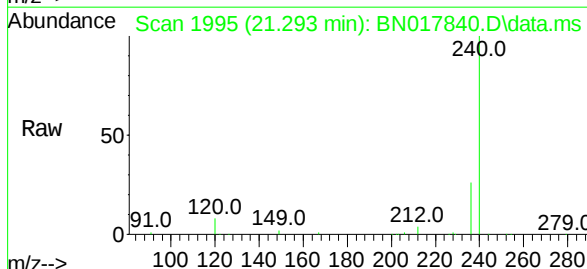
Tgt Ion:240 Resp: 87079

Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 26.2 21.4 32.2



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1781) (-)

Terphenyl-d14

Concen: 0.60 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.001 min

Lab File: BN017840.D

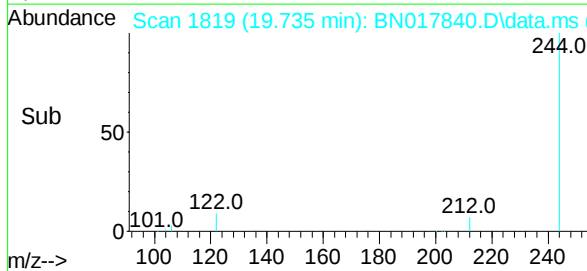
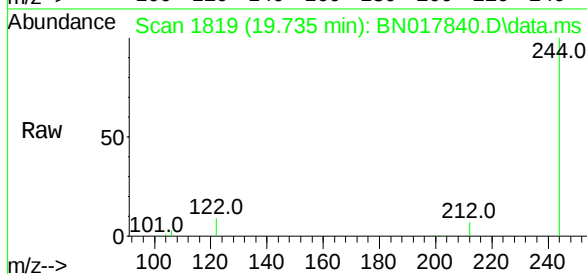
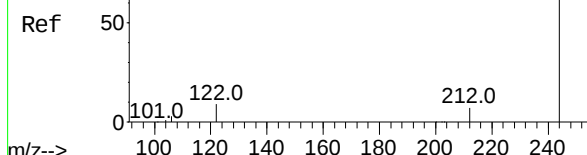
Acq: 09 Dec 2021 18:30

Instrument :

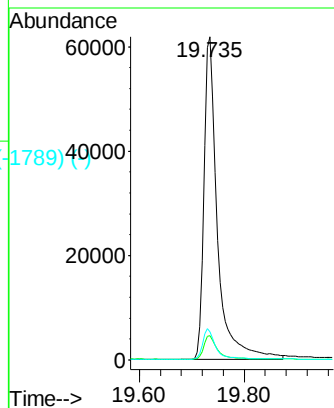
BNA_N

ClientSampleId :

RE108D2-20211202



Tgt Ion:	244	Resp:	111933
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.7	7.1	10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1782) (-)

Bis(2-ethylhexyl)phthalate

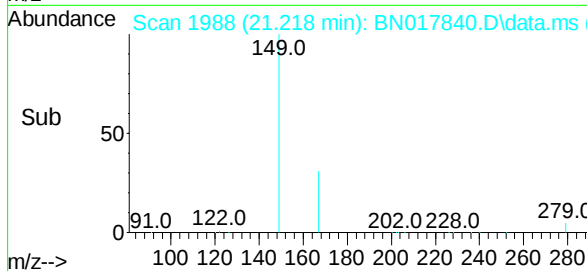
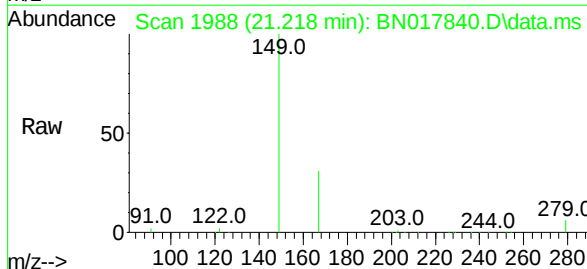
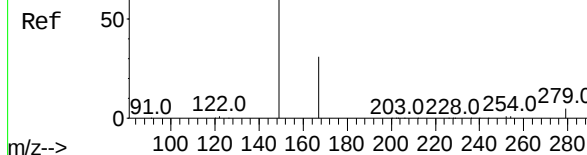
Concen: 0.41 ng

RT: 21.218 min Scan# 1988

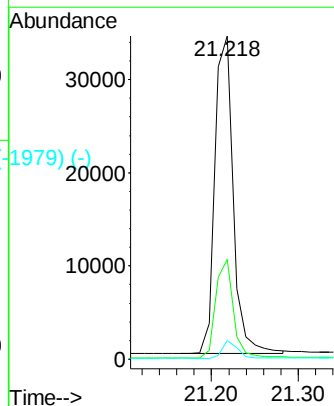
Delta R.T. -0.001 min

Lab File: BN017840.D

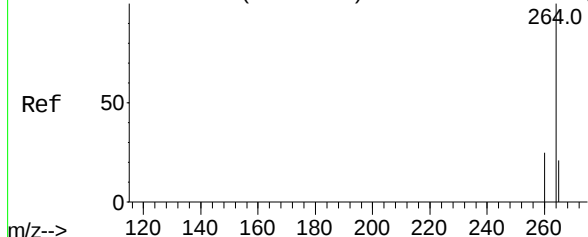
Acq: 09 Dec 2021 18:30



Tgt Ion:	149	Resp:	50317
Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.5	35.3
279	4.7	3.8	5.6



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



Perylene-d12

Concen: 0.40 ng

RT: 23.592 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN017840.D

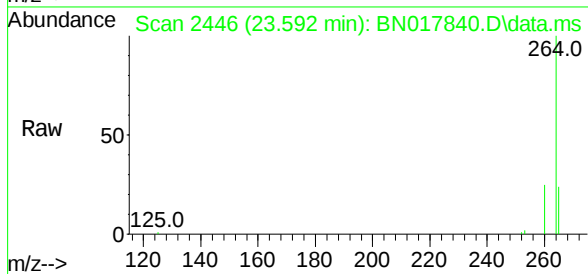
Acq: 09 Dec 2021 18:30

Instrument :

BNA_N

ClientSampleId :

RE108D2-20211202



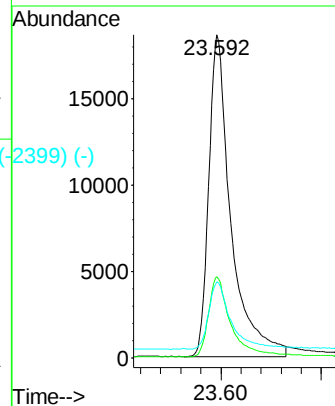
Tgt Ion:264 Resp: 56824

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 23.6 20.5 30.7



Abundance Scan 2446 (23.592 min): BN017840.D\data.ms (-2399) (-)

