

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017355.D
 Acq On : 09 Nov 2021 18:31
 Operator : CG/JU
 Sample : M4504-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D3-20211103

Quant Time: Nov 10 11:21:17 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)

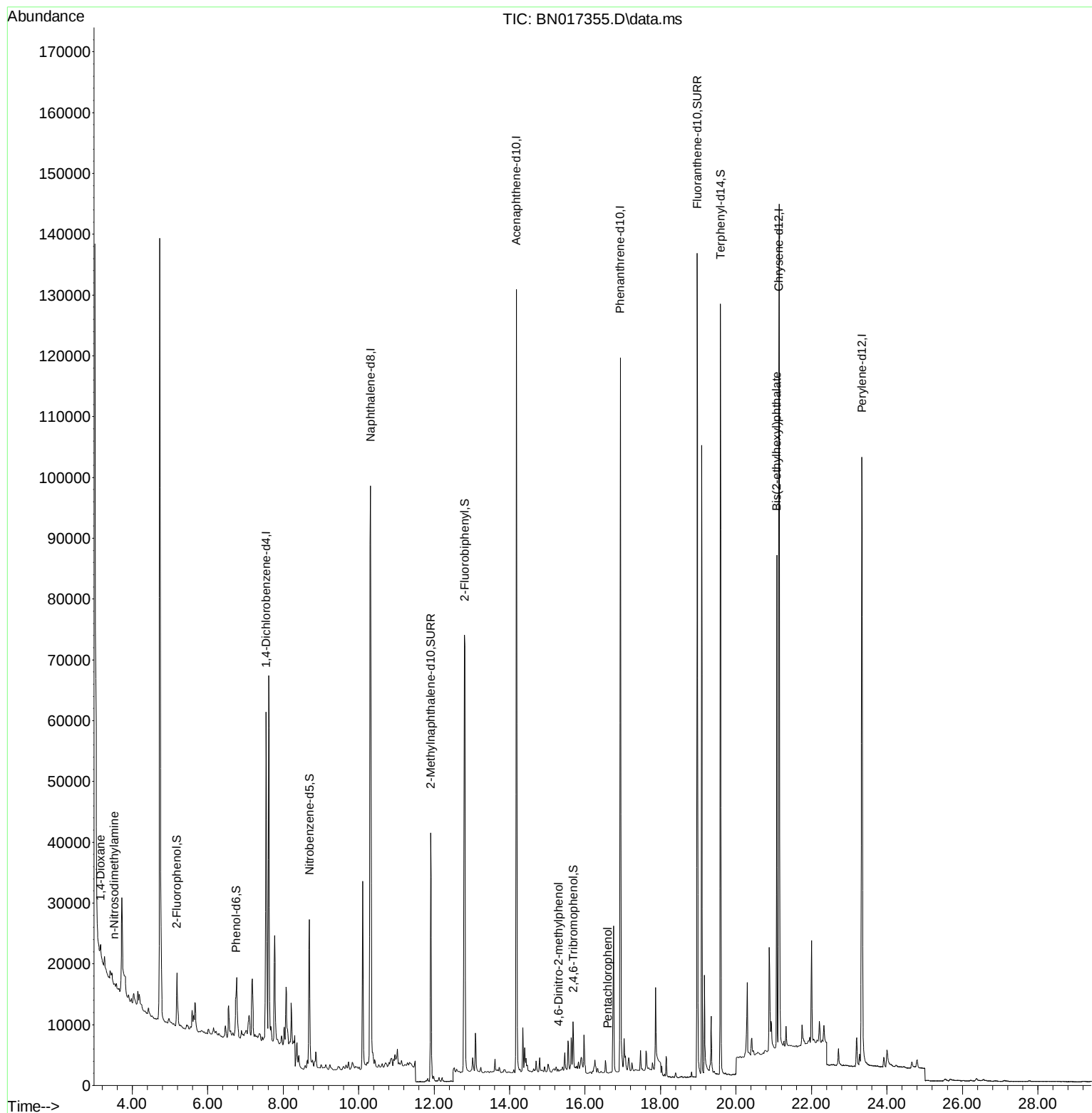
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	29394	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	139172	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	70349	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	147880	0.400	ng	0.00
29) Chrysene-d12	21.144	240	139904	0.400	ng	0.01
35) Perylene-d12	23.335	264	135374	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8952	0.132	ng	0.02
5) Phenol-d6	6.749	99	6015	0.081	ng	0.02
8) Nitrobenzene-d5	8.697	82	22962	0.275	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	56994	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	6215	0.237	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	73673	0.275	ng	0.01
27) Fluoranthene-d10	18.975	212	150908	0.400	ng	0.00
31) Terphenyl-d14	19.591	244	125862	0.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	377	0.023	ng	# 82
3) n-Nitrosodimethylamine	3.531	42	907	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.298	198	19	0.188	ng	# 1
24) Pentachlorophenol	16.605	266	33	0.220	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.080	149	66550	0.444	ng	99

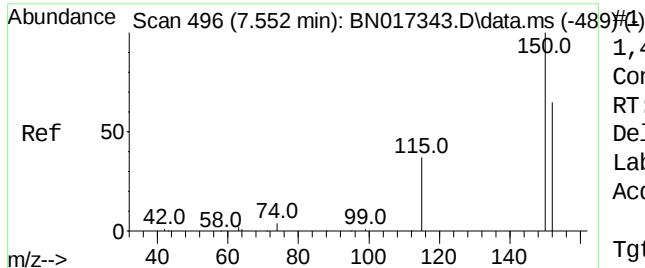
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.552 min Scan# 4

Delta R.T. 0.010 min

Lab File: BN017355.D

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RW8-MW01D3-20211103

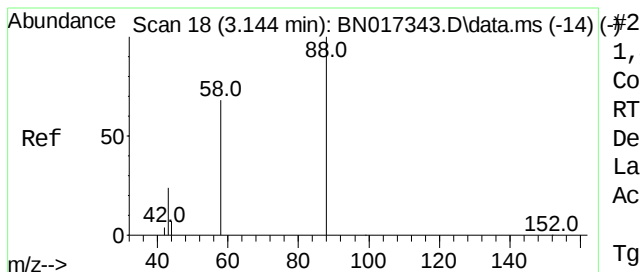
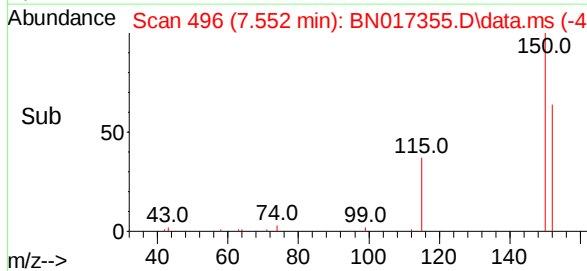
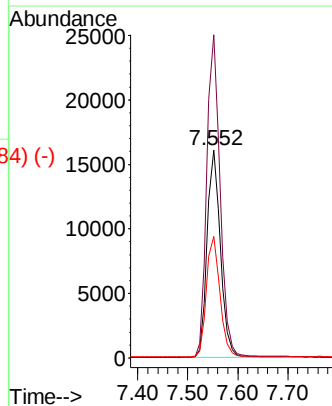
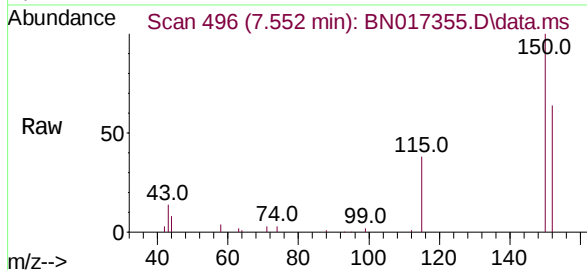
Tgt Ion:152 Resp: 29394

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

115 58.4 45.6 68.4



1,4-Dioxane

Concen: 0.023 ng

RT: 3.163 min Scan# 20

Delta R.T. 0.018 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

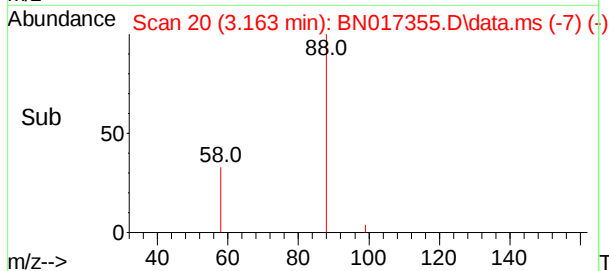
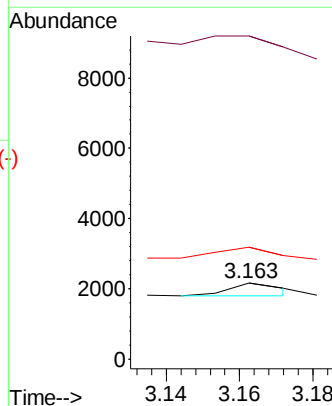
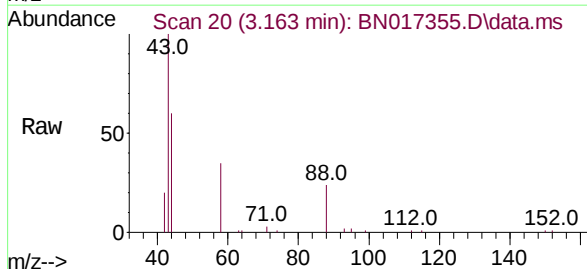
Tgt Ion: 88 Resp: 377

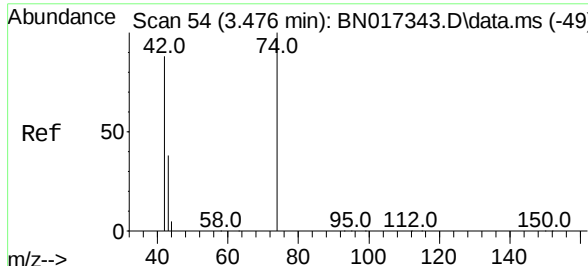
Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

58 82.0 63.0 94.6

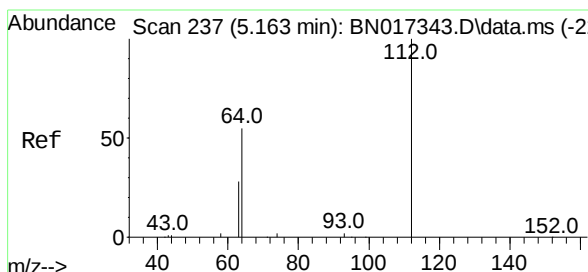
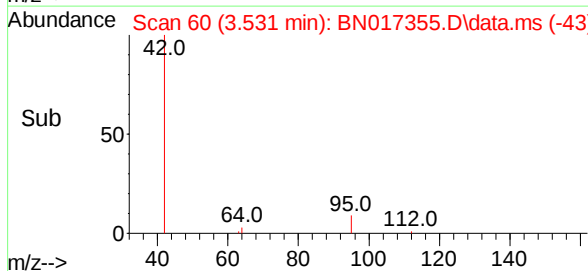
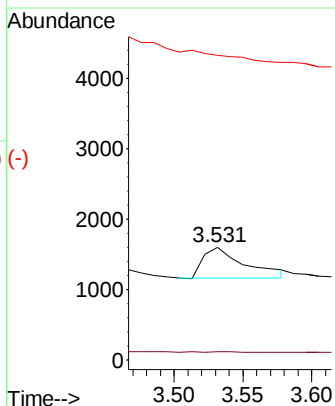
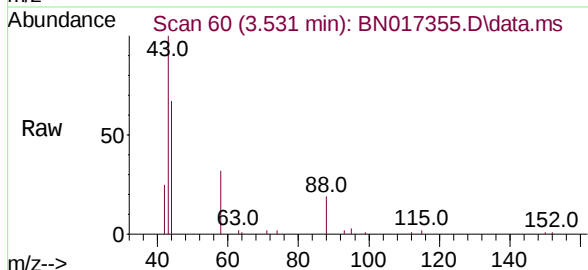




n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.531 min Scan# 60
 Delta R.T. 0.055 min
 Lab File: BN017355.D
 Acq: 09 Nov 2021 18:31

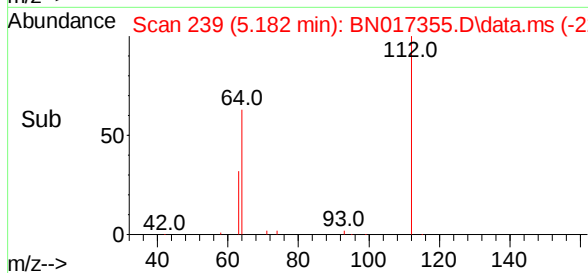
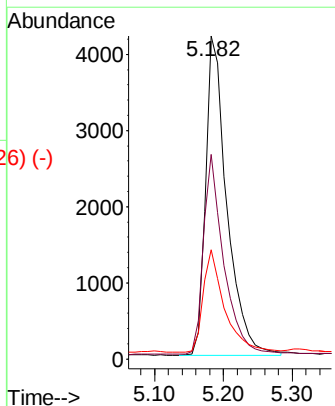
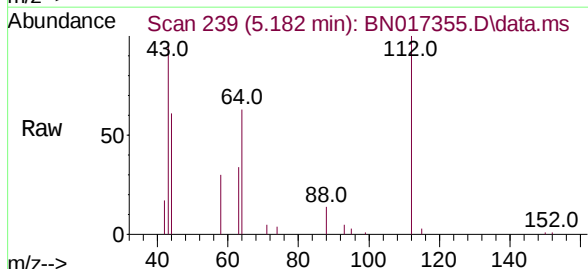
Instrument :
 BNA_N
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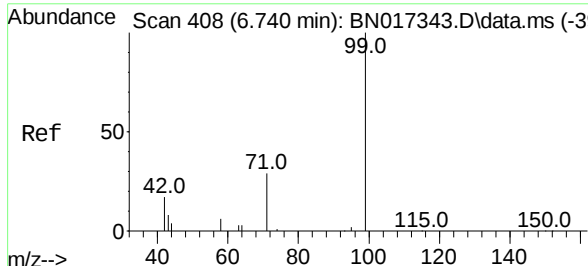
Tgt Ion:	42	Resp:	907
Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.8	146.6#
44	0.0	5.5	8.3#



2-Fluorophenol
 Concen: 0.132 ng
 RT: 5.182 min Scan# 239
 Delta R.T. 0.018 min
 Lab File: BN017355.D
 Acq: 09 Nov 2021 18:31

Tgt Ion:	112	Resp:	8952
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	31.7	24.6	37.0

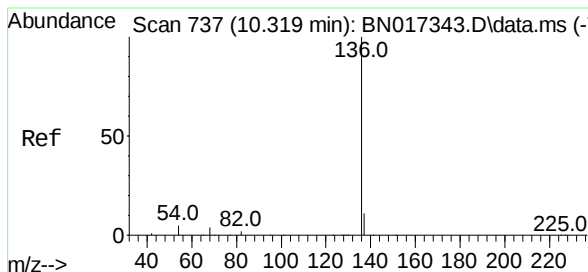
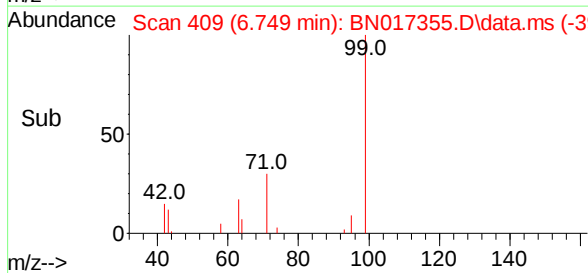
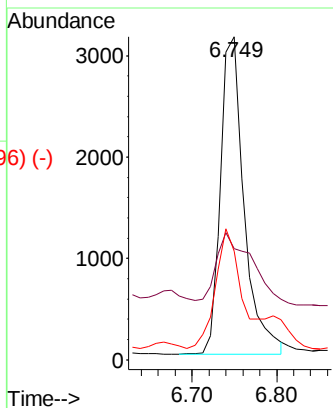
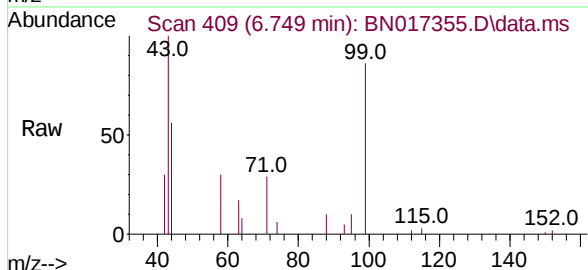




Phenol-d6
 Concen: 0.081 ng
 RT: 6.749 min Scan# 408
 Delta R.T. 0.018 min
 Lab File: BN017355.D
 Acq: 09 Nov 2021 18:31

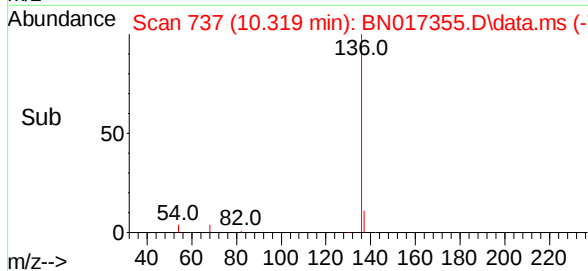
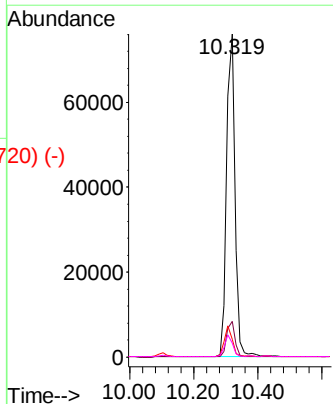
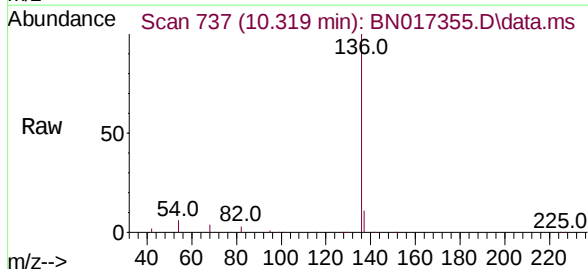
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D3-20211103

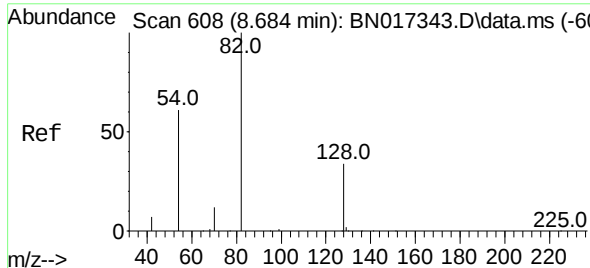
Tgt Ion:	99	Resp:	6015
Ion	Ratio	Lower	Upper
99	100		
42	30.6	17.0	25.6#
71	43.8	24.8	37.2#



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. 0.013 min
 Lab File: BN017355.D
 Acq: 09 Nov 2021 18:31

Tgt Ion:	136	Resp:	139172
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	4.0	6.0
68	4.4	3.0	4.6





Nitrobenzene-d5

Concen: 0.275 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20211103

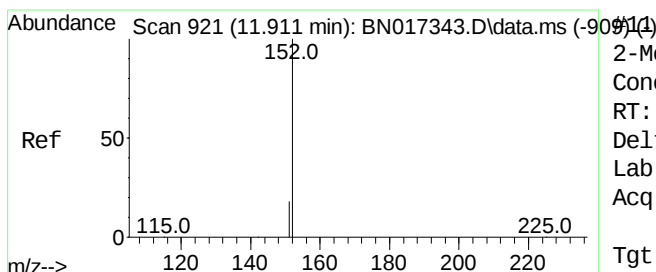
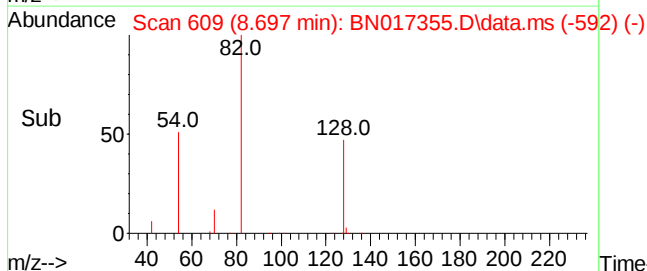
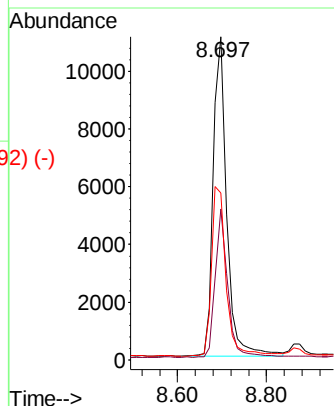
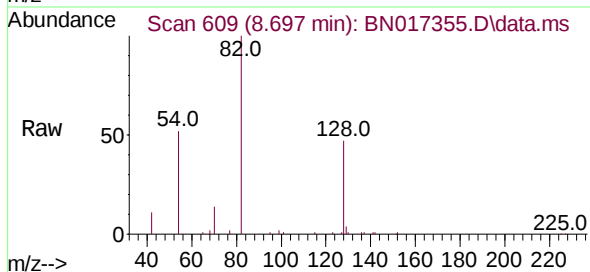
Tgt Ion: 82 Resp: 22962

Ion Ratio Lower Upper

82 100

128 46.8 27.7 41.5#

54 51.7 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.911 min Scan# 921

Delta R.T. -0.000 min

Lab File: BN017355.D

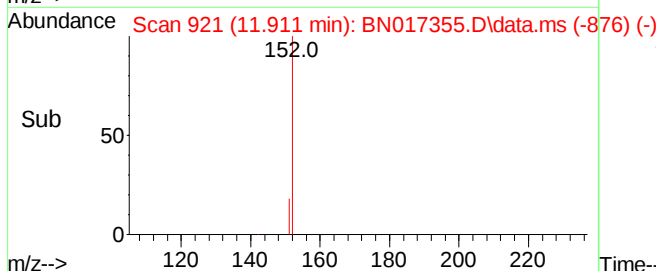
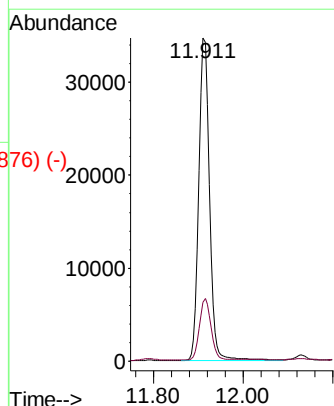
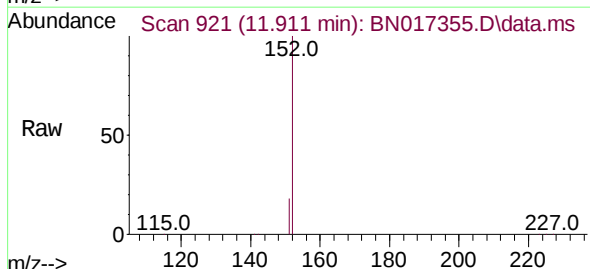
Acq: 09 Nov 2021 18:31

Tgt Ion: 152 Resp: 56994

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1178) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BN017355.D

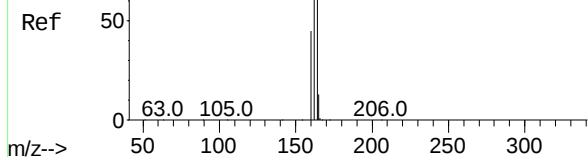
Acq: 09 Nov 2021 18:31

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20211103



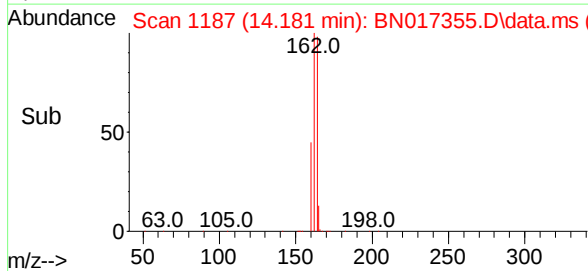
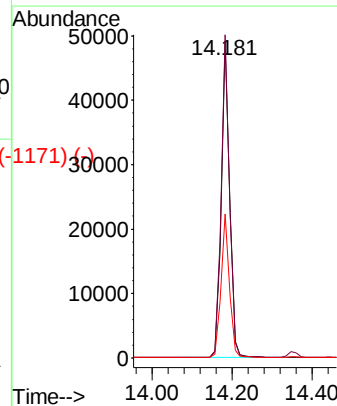
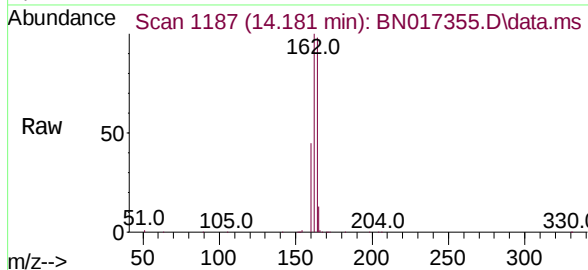
Tgt Ion:164 Resp: 70349

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.2

160 45.7 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1306) (-)

2,4,6-Tribromophenol

Concen: 0.237 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.013 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

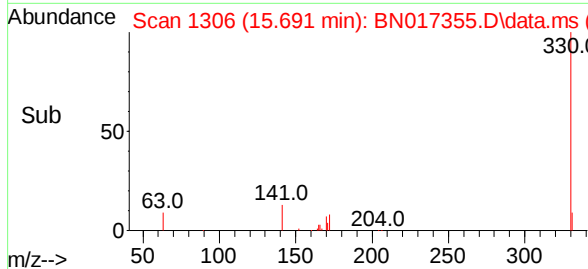
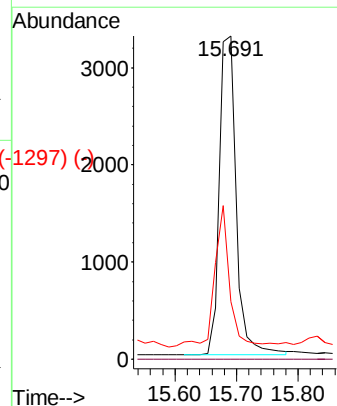
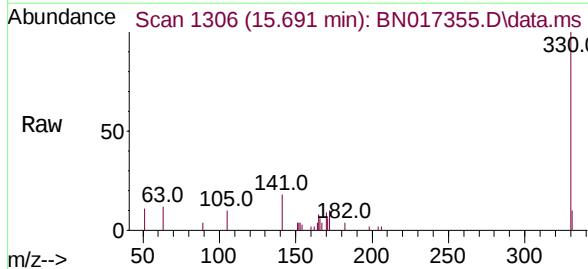
Tgt Ion:330 Resp: 6215

Ion Ratio Lower Upper

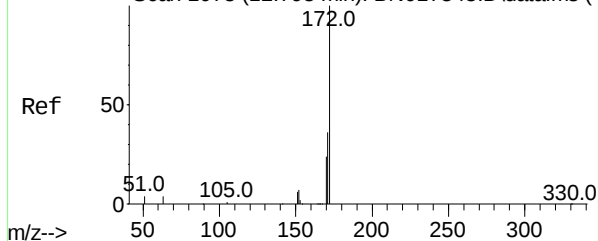
330 100

332 0.0 0.0 0.0

141 38.3 28.9 43.3



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1078) (-)

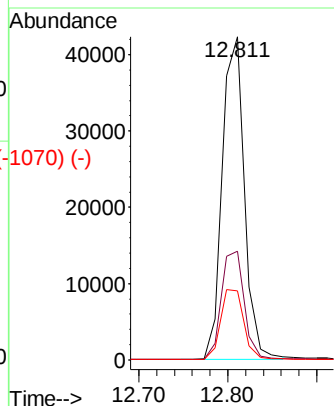
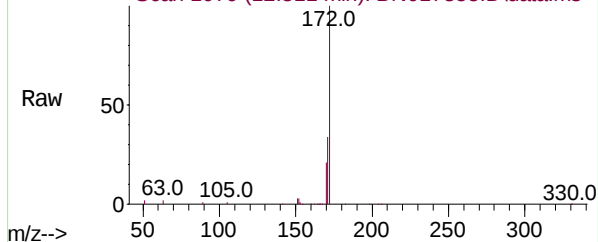


2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.811 min Scan# 1078
Delta R.T. 0.013 min
Lab File: BN017355.D
Acq: 09 Nov 2021 18:31

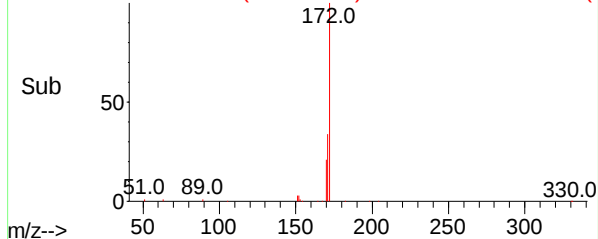
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	172	Resp:	73673
Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.7	43.1
170	21.3	19.4	29.2

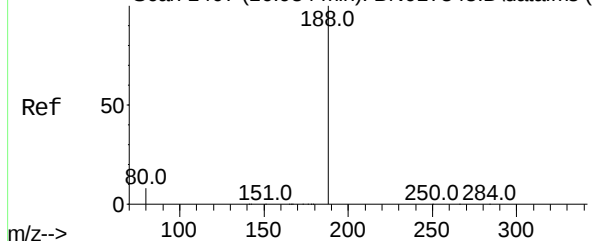
Abundance Scan 1079 (12.811 min): BN017355.D\data.ms



Abundance Scan 1079 (12.811 min): BN017355.D\data.ms (-1079) (-)



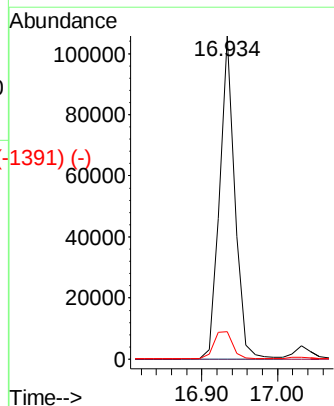
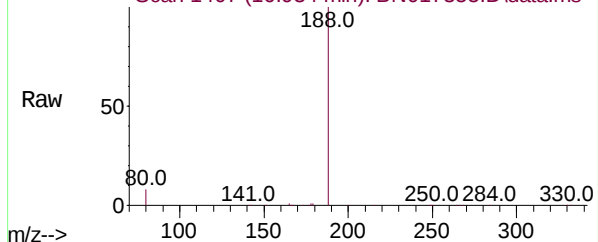
Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



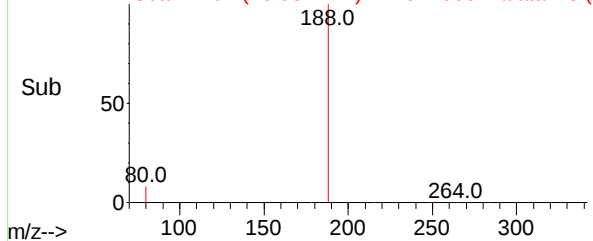
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN017355.D
Acq: 09 Nov 2021 18:31

Tgt Ion:	188	Resp:	147880
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.1	9.1

Abundance Scan 1407 (16.934 min): BN017355.D\data.ms



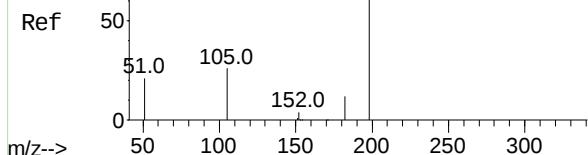
Abundance Scan 1407 (16.934 min): BN017355.D\data.ms (-1391) (-)



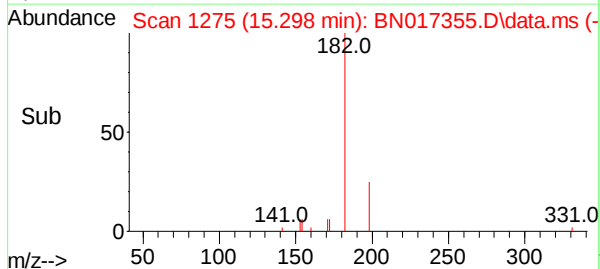
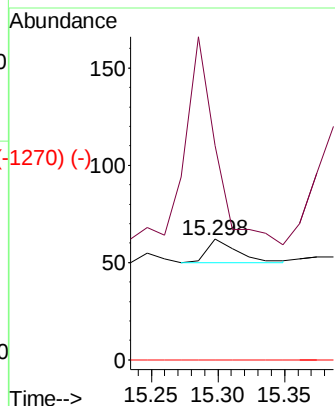
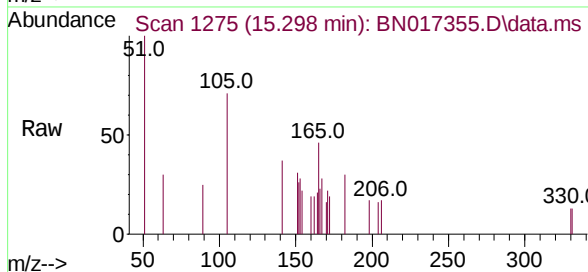
Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1270) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.298 min Scan# 1278
Delta R.T. -0.038 min
Lab File: BN017355.D
Acq: 09 Nov 2021 18:31

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20211103

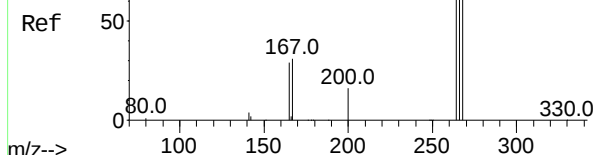


Tgt Ion:	198	Resp:	19
Ion Ratio	Lower	Upper	
198	100		
182	177.4	11.4	17.2#
77	0.0	0.0	0.0

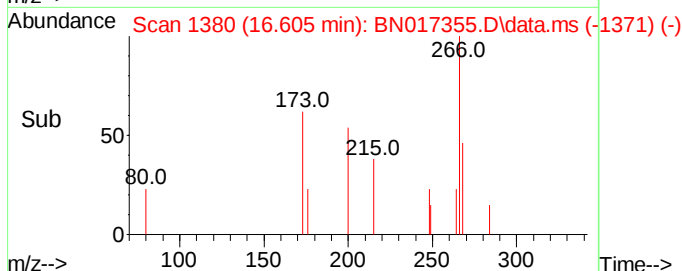
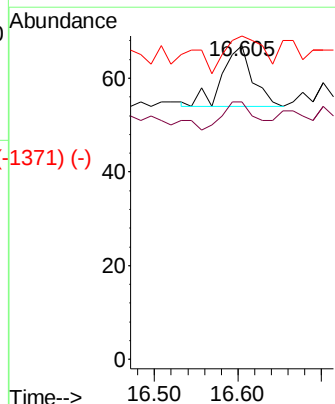
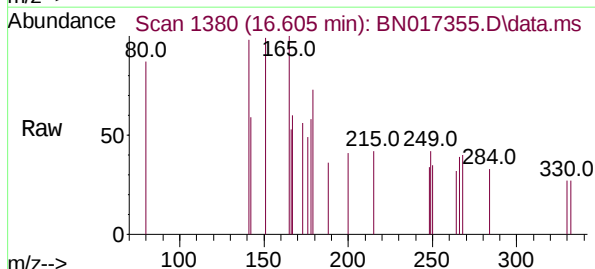


Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

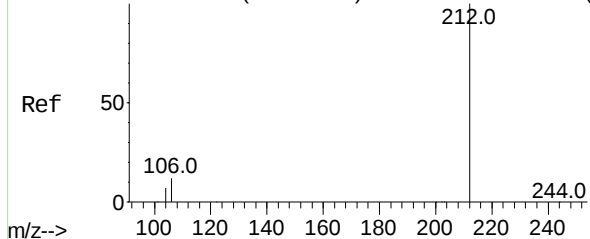
Pentachlorophenol
Concen: 0.220 ng
RT: 16.605 min Scan# 1380
Delta R.T. 0.012 min
Lab File: BN017355.D
Acq: 09 Nov 2021 18:31



Tgt Ion:	266	Resp:	33
Ion Ratio	Lower	Upper	
266	100		
264	45.5	49.8	74.8#
268	75.8	51.3	76.9



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



Fluoranthene-d10

Concen: 0.400 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20211103

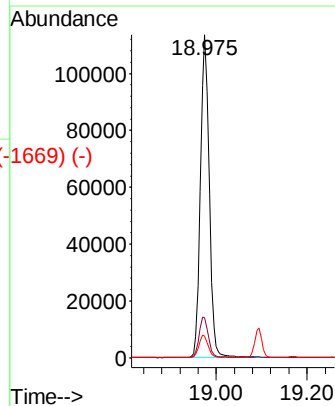
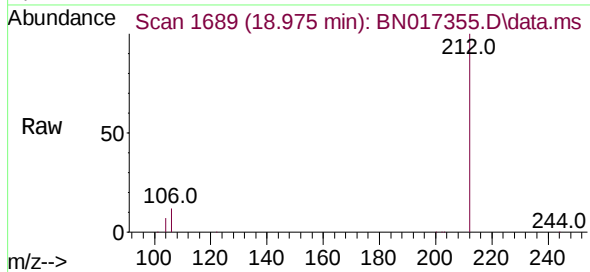
Tgt Ion:212 Resp: 150908

Ion Ratio Lower Upper

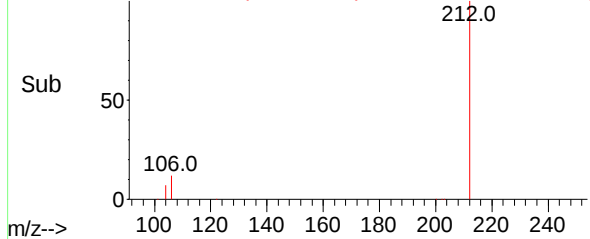
212 100

106 13.1 10.5 15.7

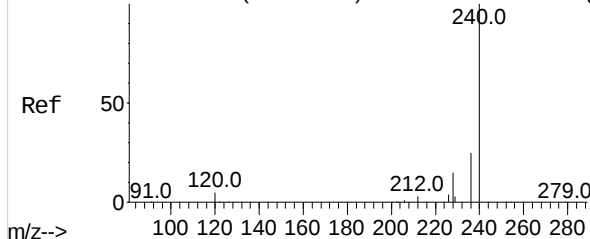
104 7.1 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017355.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. 0.011 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

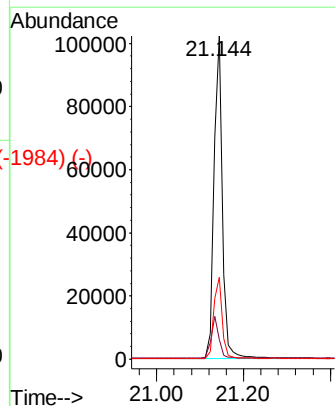
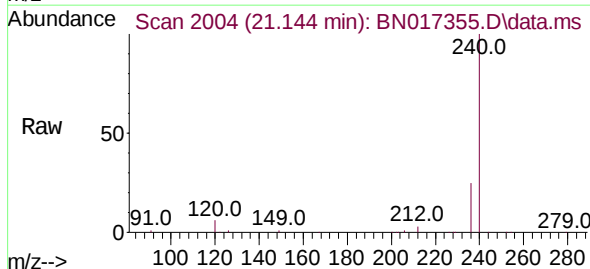
Tgt Ion:240 Resp: 139904

Ion Ratio Lower Upper

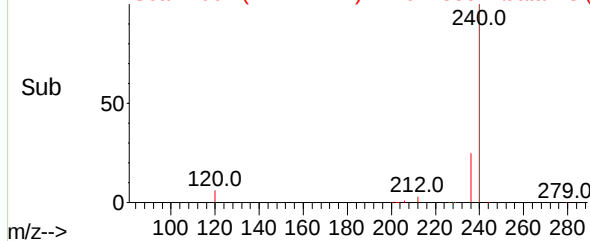
240 100

120 6.0 4.2 6.2

236 25.4 20.0 30.0



Abundance Scan 2004 (21.144 min): BN017355.D\data.ms (-1984) (-)



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1831) (-)

Terphenyl-d14

Concen: 0.404 ng

RT: 19.591 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:244 Resp: 125862

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.0 8.6 13.0

Abundance Scan 1813 (19.591 min): BN017355.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

Abundance Scan 1813 (19.591 min): BN017355.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

Abundance

100000

80000

60000

40000

20000

0

19.591

19.60

Time-->

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

Bis(2-ethylhexyl)phthalate

Concen: 0.444 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017355.D

Acq: 09 Nov 2021 18:31

Tgt Ion:149 Resp: 66550

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.2 3.4 5.0

Abundance Scan 1998 (21.080 min): BN017355.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

91.0 122.0 149.0 206.0 244.0 279.0

100 120 140 160 180 200 220 240 260 280

Abundance Scan 1998 (21.080 min): BN017355.D\data.ms (-1989) (-)

Ref 50

Raw 50

Sub 50

m/z-->

91.0 122.0 149.0 200.0 244.0 279.0

100 120 140 160 180 200 220 240 260 280

Abundance

60000

40000

20000

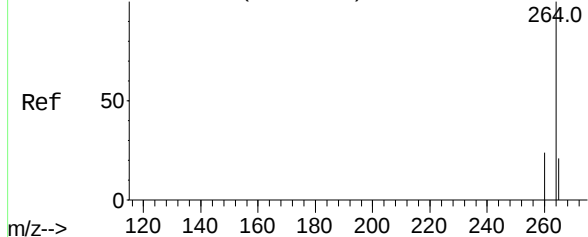
0

21.080

21.10

Time-->

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: BN017355.D

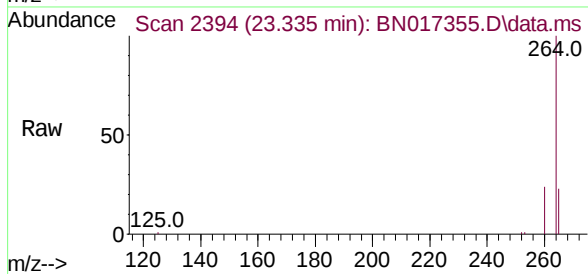
Acq: 09 Nov 2021 18:31

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D3-20211103



Tgt Ion:264 Resp: 135374

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.2 18.6 28.0

