

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015320.D
 Acq On : 03 Jul 2021 06:42
 Operator : CG/JU
 Sample : M2803-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20210618

Quant Time: Jul 03 07:15:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

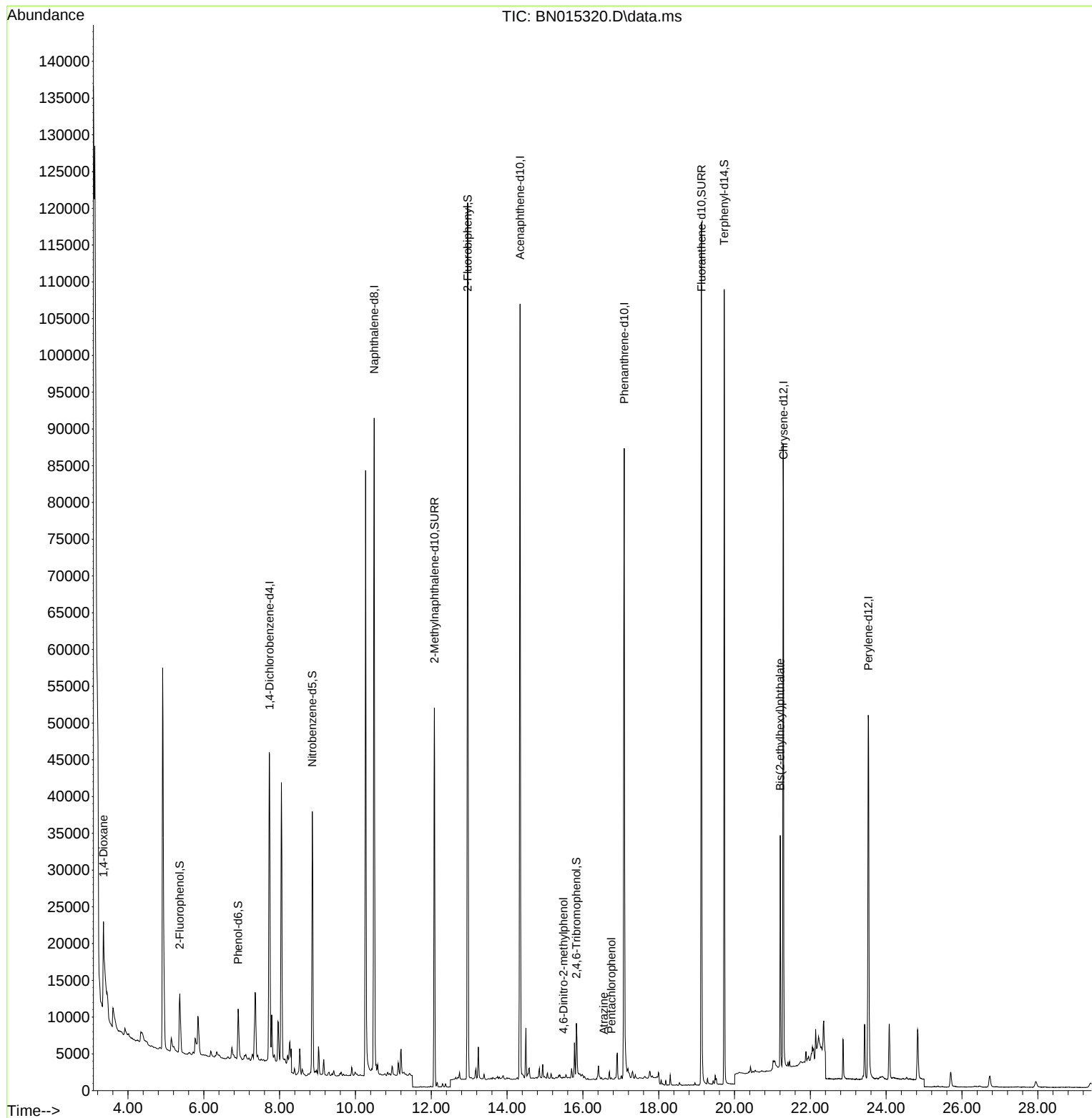
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	25732	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	120918	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	65425	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	125620	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	88723	0.40	ng	-0.01
35) Perylene-d12	23.529	264	70083	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	10292	0.16	ng	0.00
5) Phenol-d6	6.905	99	6791	0.08	ng	0.00
8) Nitrobenzene-d5	8.860	82	30712	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	68491	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6685	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	98146	0.37	ng	0.00
27) Fluoranthene-d10	19.127	212	133846	0.36	ng	0.00
31) Terphenyl-d14	19.728	244	105361	0.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	19939	1.65	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.487	198	6	0.19	ng	# 1
23) Atrazine	16.555	200	32	0.17	ng	# 1
24) Pentachlorophenol	16.750	266	155	0.25	ng	92
34) Bis(2-ethylhexyl)phtha...	21.206	149	27146	0.40	ng	# 87

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

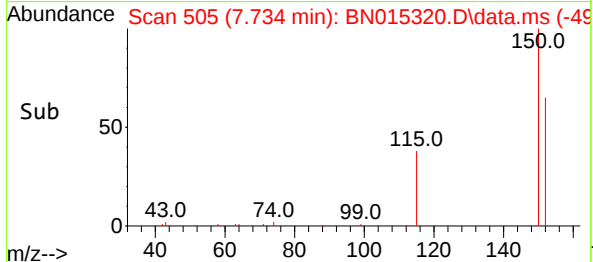
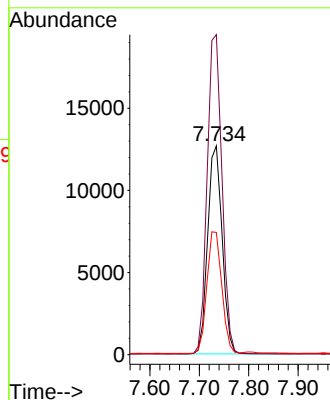
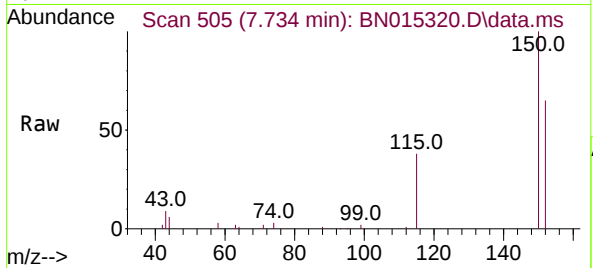




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015320.D
 Acq: 03 Jul 2021 06:42

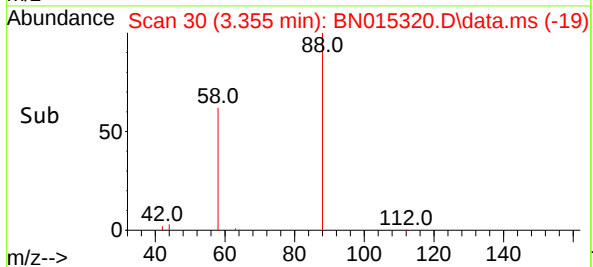
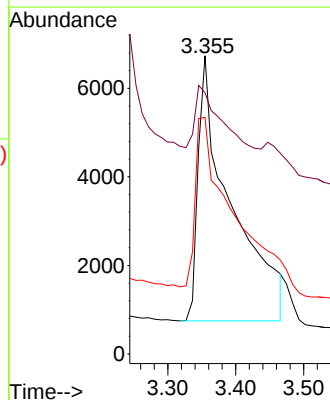
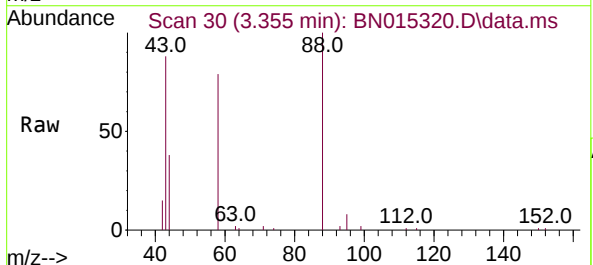
Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20210618

Tgt Ion: 152 Resp: 25732
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.0 178.6
 115 58.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.65 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015320.D
 Acq: 03 Jul 2021 06:42

Tgt Ion: 88 Resp: 19939
 Ion Ratio Lower Upper
 88 100
 43 17.4 12.9 19.3
 58 69.8 38.1 57.1#

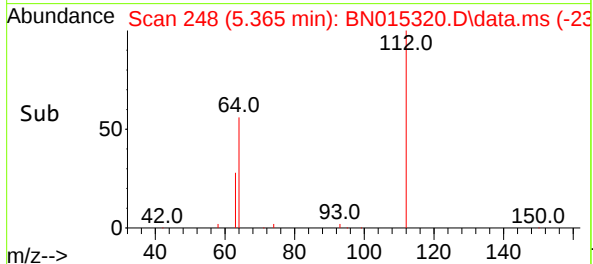
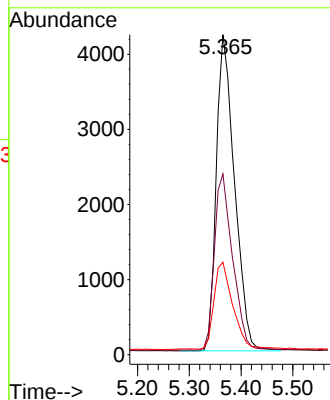
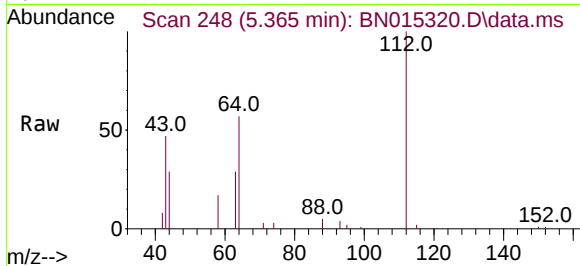




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

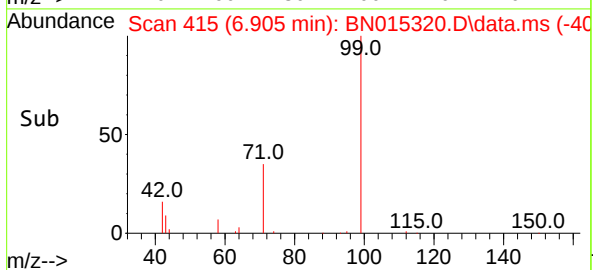
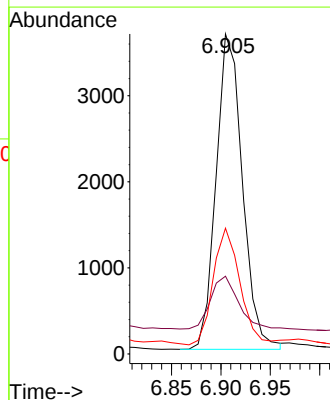
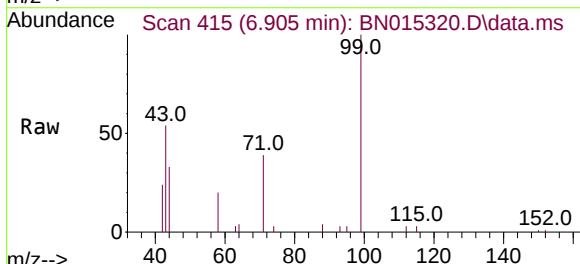
Instrument :
BNA_N
ClientSampleId :
MW203D2-20210618

Tgt Ion:112 Resp: 10292
Ion Ratio Lower Upper
112 100
64 55.9 39.0 58.6
63 28.1 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion: 99 Resp: 6791
Ion Ratio Lower Upper
99 100
42 17.7 8.9 13.3#
71 37.4 35.6 53.4

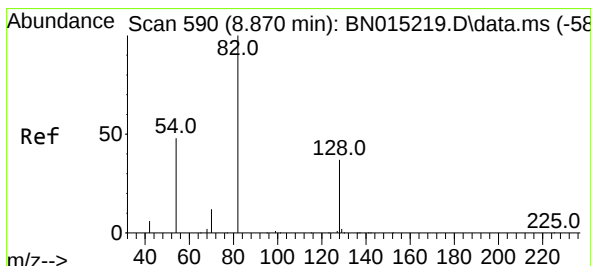
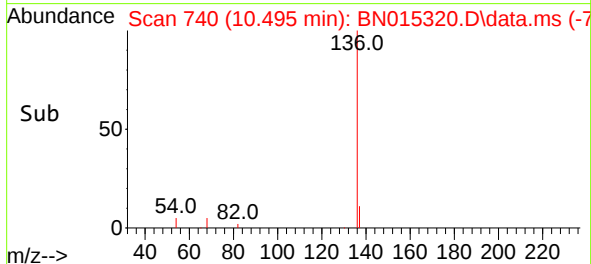
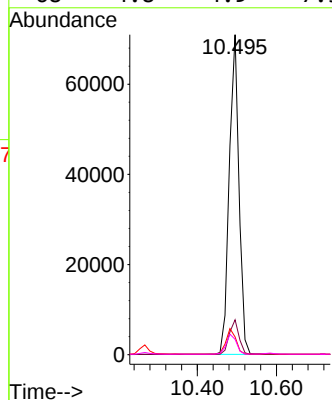
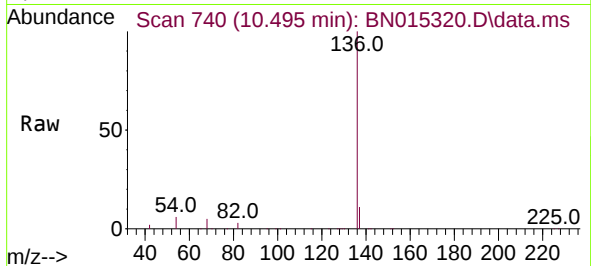




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

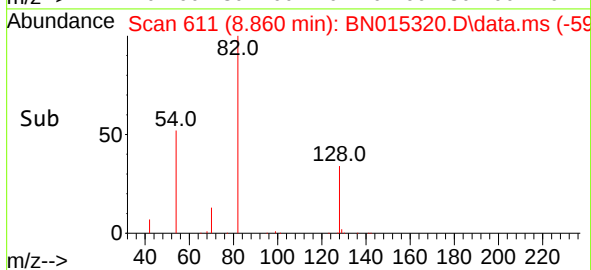
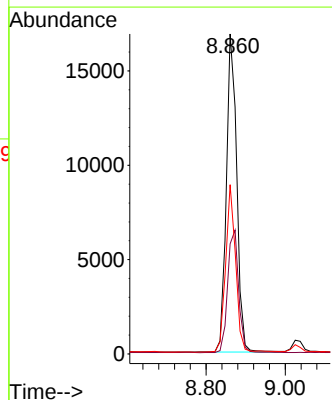
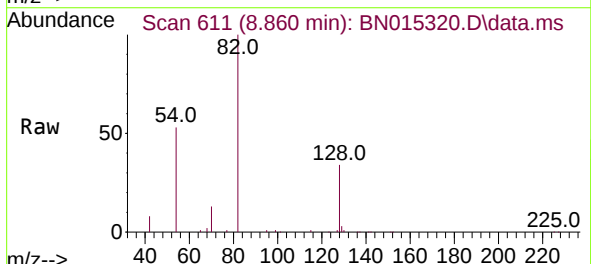
Instrument :
BNA_N
ClientSampleId :
MW203D2-20210618

Tgt Ion:	136	Resp:	120918
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	5.6	5.4	8.2
68	4.8	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:	82	Resp:	30712
Ion Ratio	Lower	Upper	
82	100		
128	34.4	31.6	47.4
54	52.9	29.0	43.4

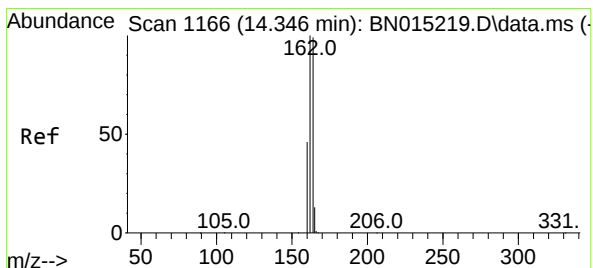
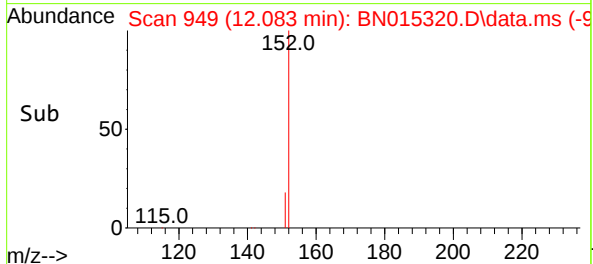
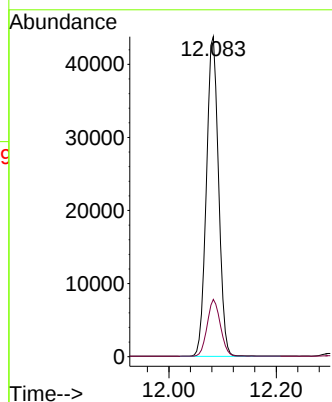
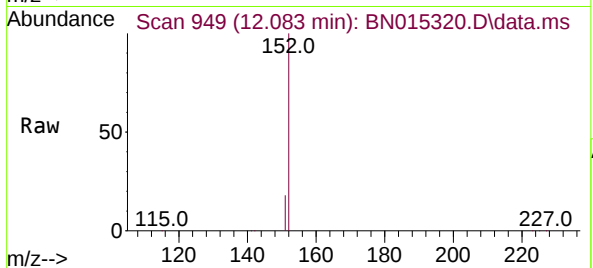




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

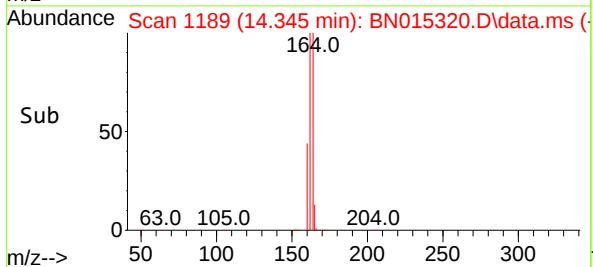
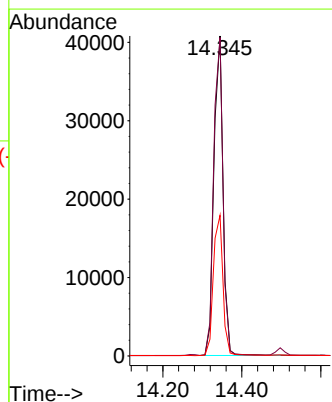
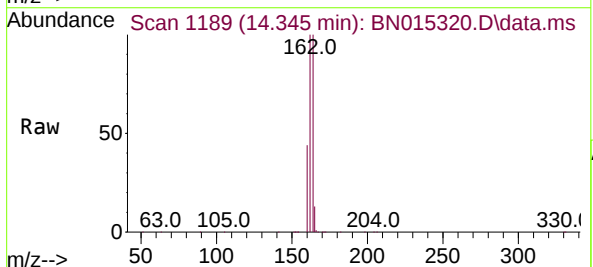
Instrument :
BNA_N
ClientSampleId :
MW203D2-20210618

Tgt Ion:152 Resp: 68491
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:164 Resp: 65425
Ion Ratio Lower Upper
164 100
162 99.6 83.8 125.6
160 44.0 37.4 56.0

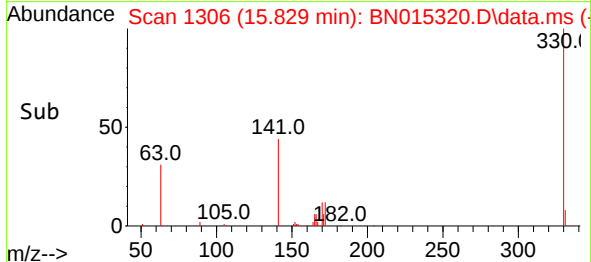
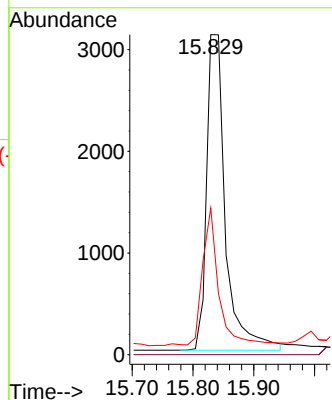
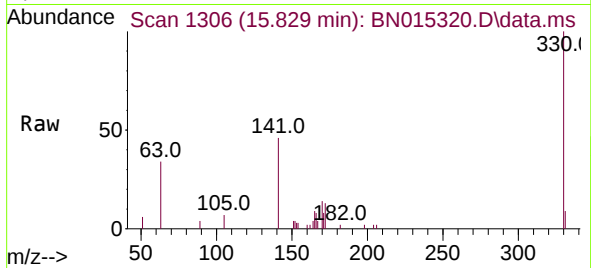




#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

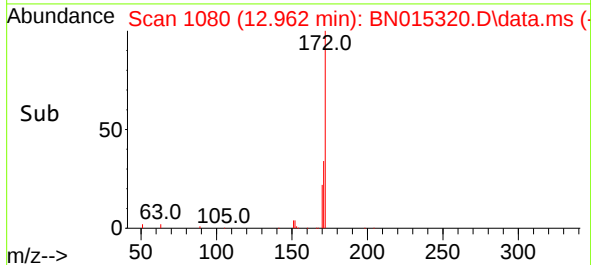
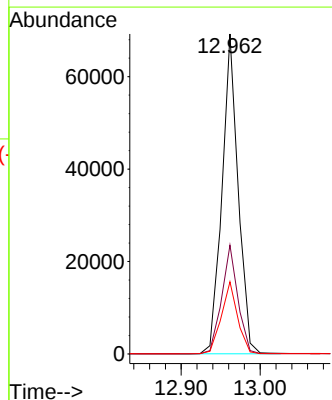
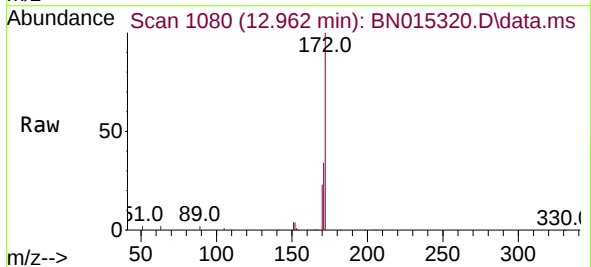
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ClientSampleId :
MW203D2-20210618

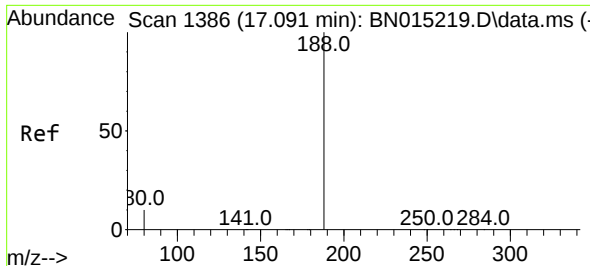
Tgt Ion:330 Resp: 6685
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.1 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:172 Resp: 98146
Ion Ratio Lower Upper
172 100
171 34.0 30.6 45.8
170 22.6 20.2 30.4

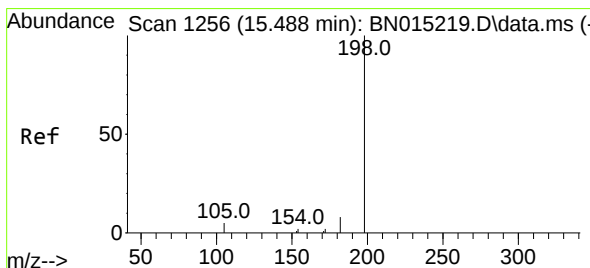
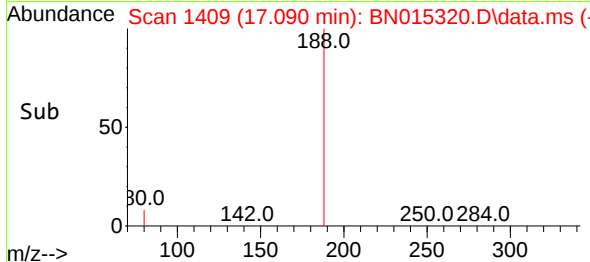
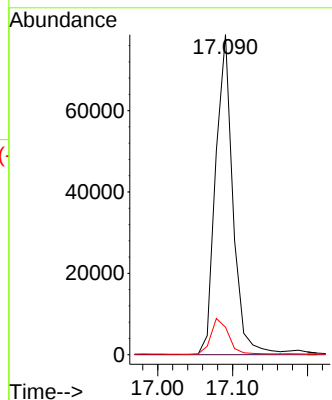
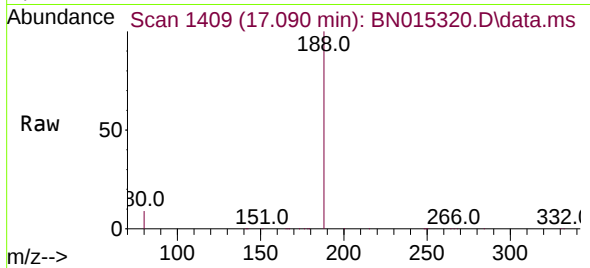




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

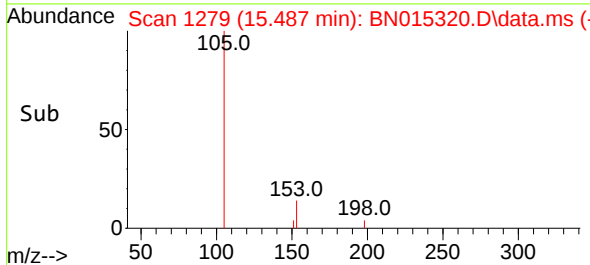
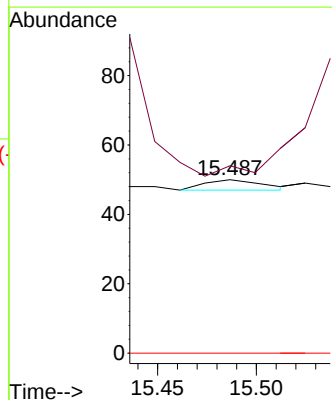
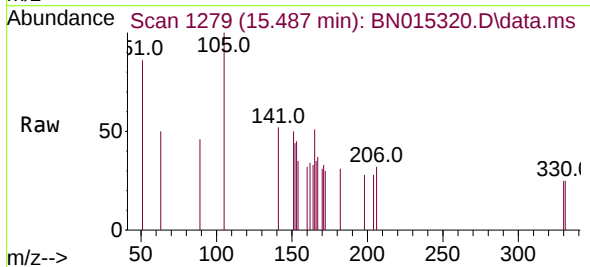
Instrument :
BNA_N
ClientSampleId :
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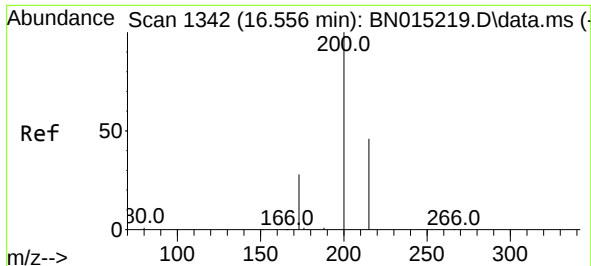
Tgt Ion:188 Resp: 125620
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 108.0 34.5 51.7#
77 0.0 0.0 0.0

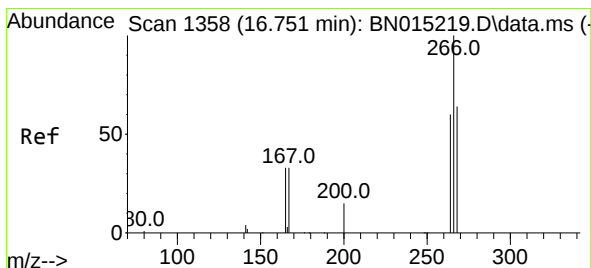
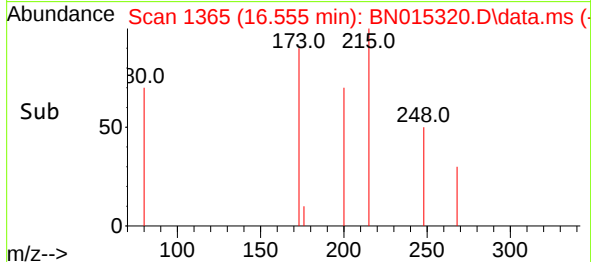
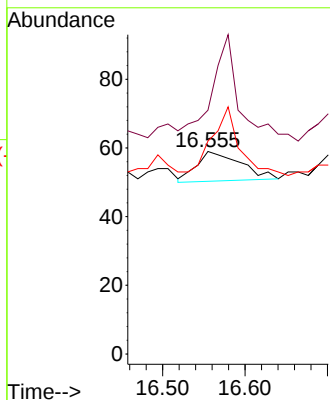
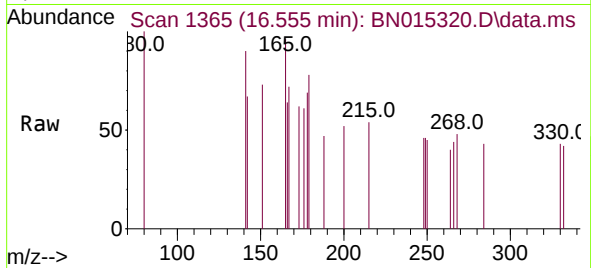




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

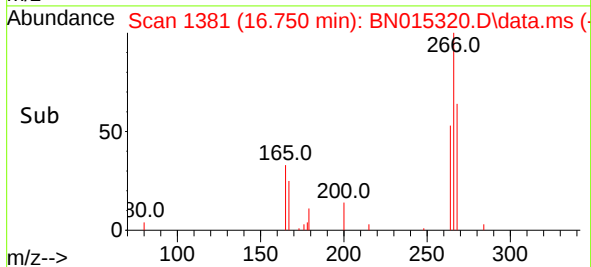
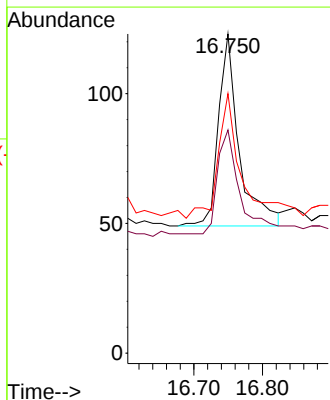
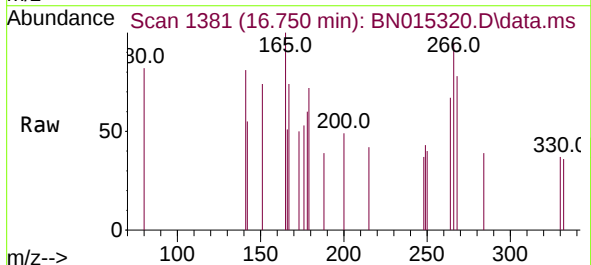
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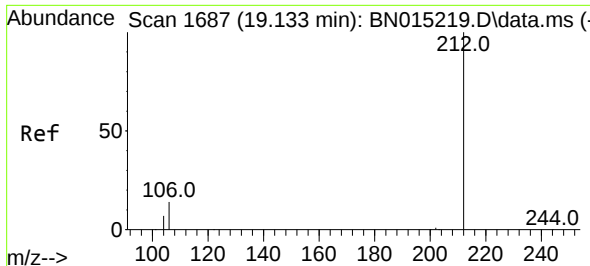
Tgt Ion:200 Resp: 32
Ion Ratio Lower Upper
200 100
173 120.3 21.7 32.5#
215 105.1 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:266 Resp: 155
Ion Ratio Lower Upper
266 100
264 61.9 51.0 76.4
268 74.2 50.6 76.0

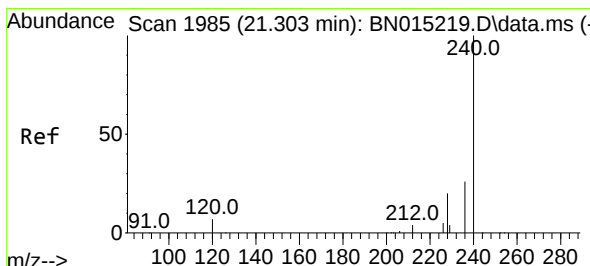
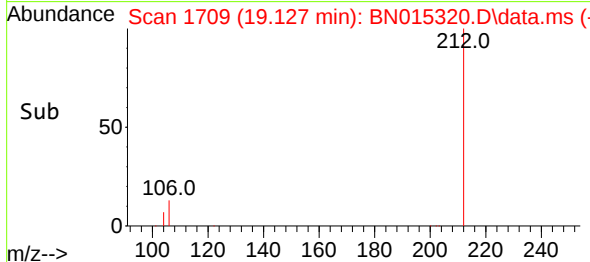
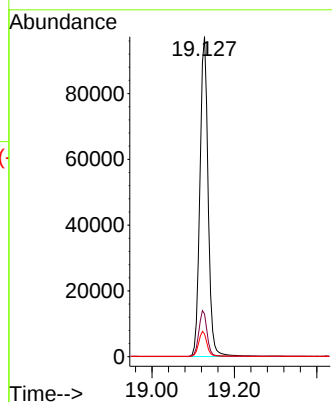
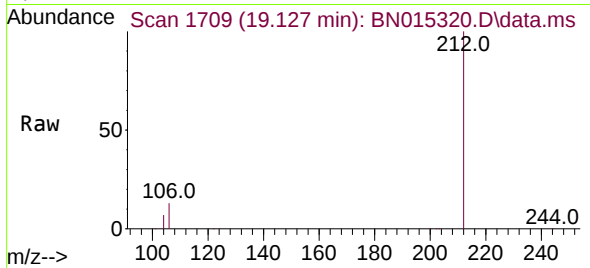




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

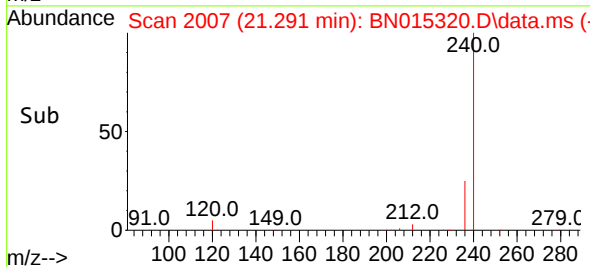
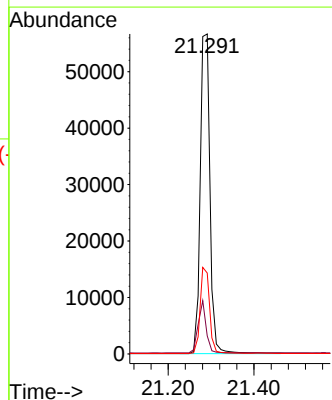
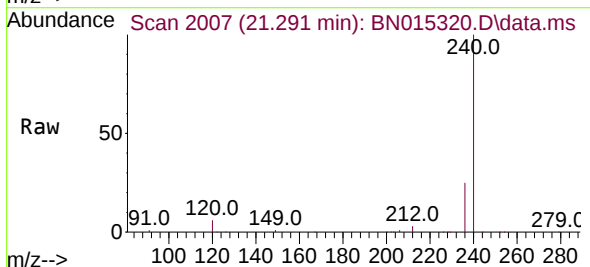
Instrument :
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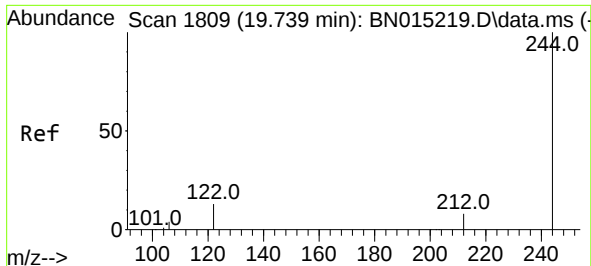
Tgt Ion:212 Resp: 133846
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

Tgt Ion:240 Resp: 88723
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 25.3 21.4 32.2

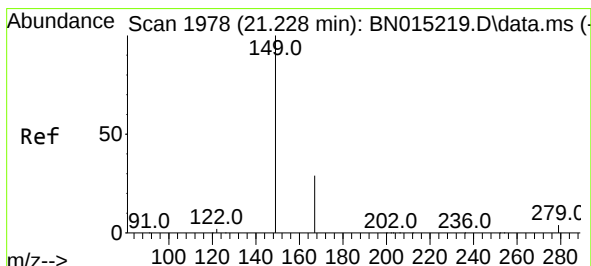
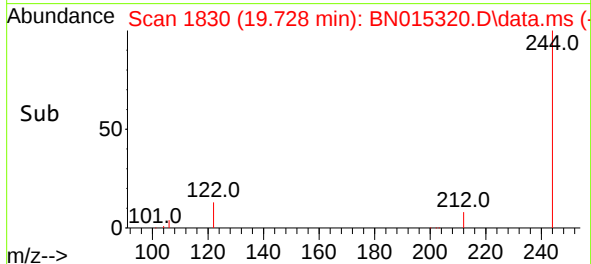
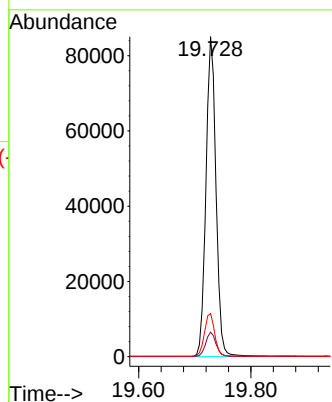
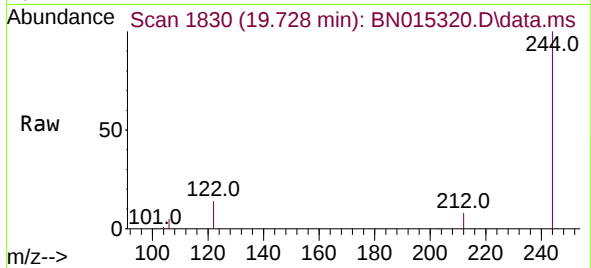




#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

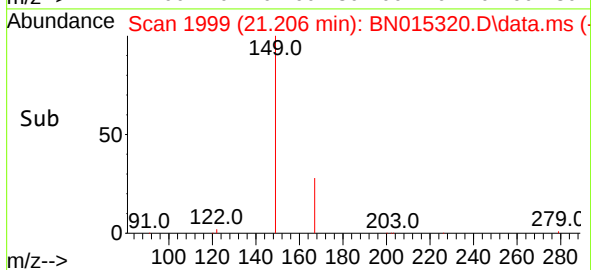
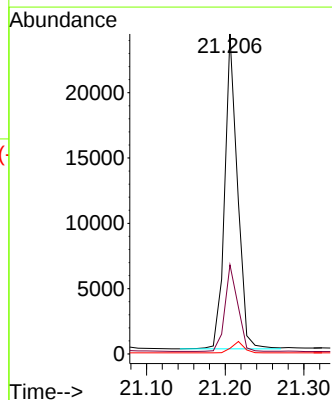
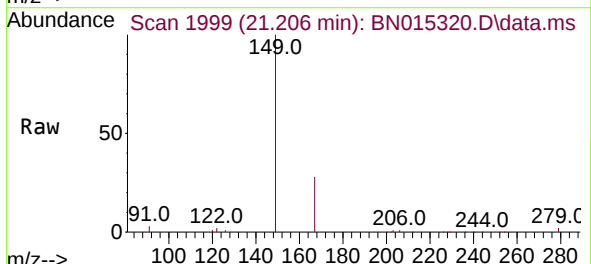
Instrument :
BNA_N
ClientSampleId :
MW203D2-20210618

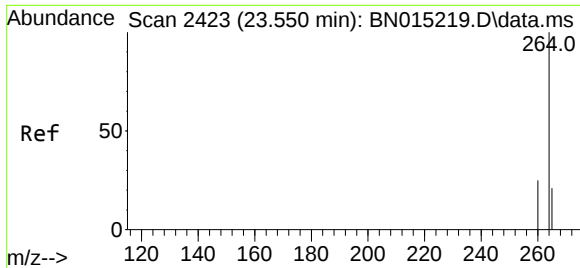
Tgt Ion:244 Resp: 105361
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.5 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015320.D
Acq: 03 Jul 2021 06:42

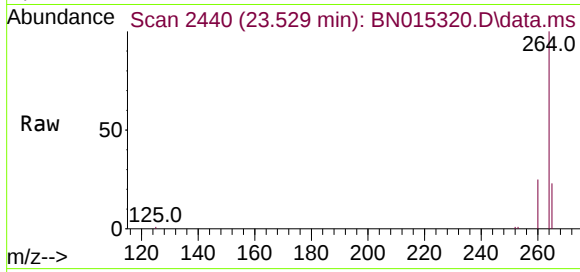
Tgt Ion:149 Resp: 27146
Ion Ratio Lower Upper
149 100
167 27.7 28.9 43.3#
279 3.5 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. -0.021 min
 Lab File: BN015320.D
 Acq: 03 Jul 2021 06:42

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20210618



Tgt Ion:264 Resp: 70083
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 31.0
 265 22.7 21.4 32.2

