

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016644.D
 Acq On : 01 Oct 2021 20:10
 Operator : CG/JU
 Sample : M3833-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20210919

Quant Time: Oct 02 00:53:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

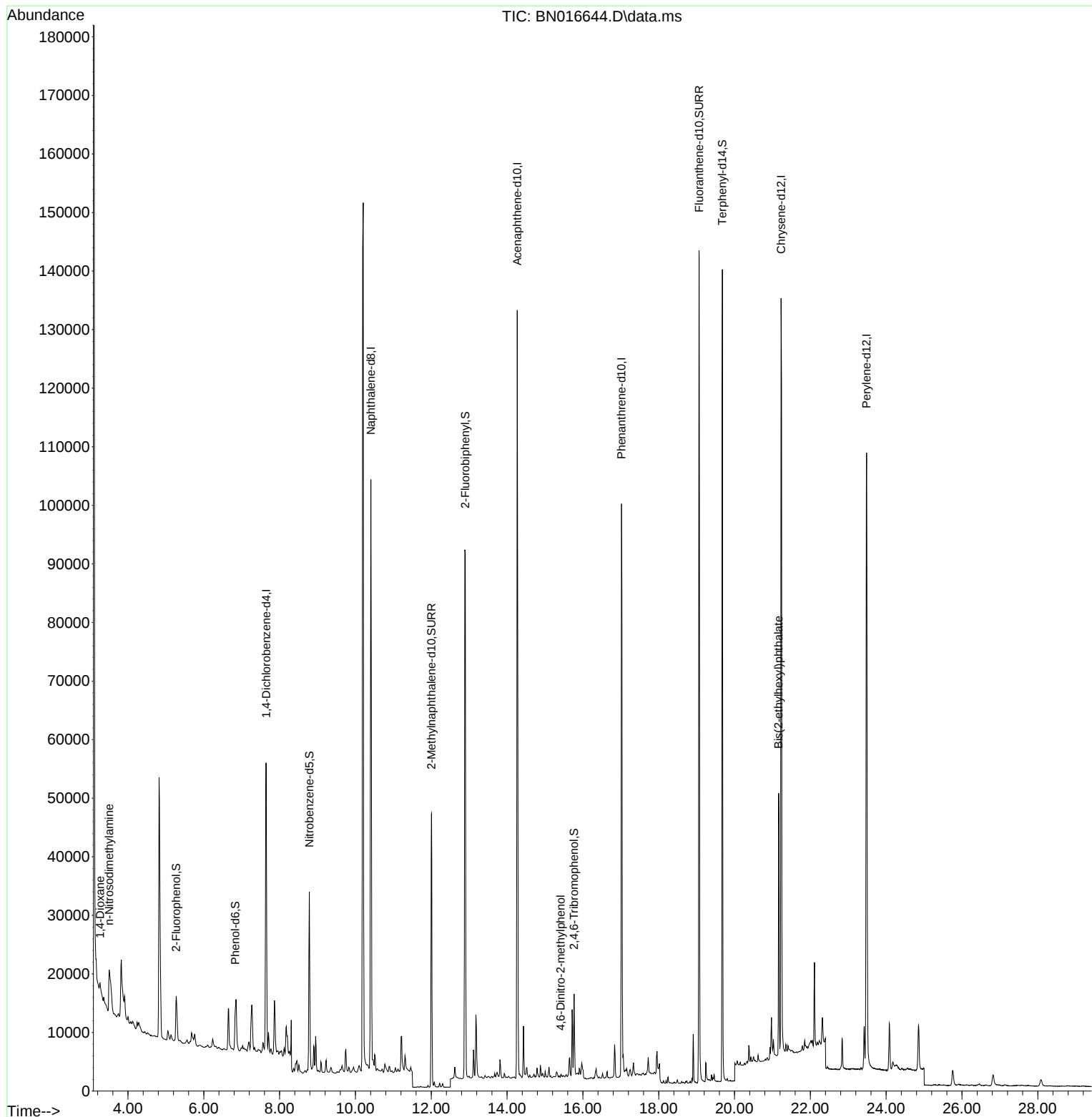
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29338	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	134572	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	73896	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	142567	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	137745	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	144287	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	10499	0.141	ng	0.02
5) Phenol-d6	6.831	99	6815	0.083	ng	0.00
8) Nitrobenzene-d5	8.784	82	26675	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	64452	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.765	330	11919	0.354	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	89867	0.300	ng	0.00
27) Fluoranthene-d10	19.068	212	161946	0.427	ng	0.00
31) Terphenyl-d14	19.678	244	134247	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.262	88	852	0.063	ng	# 62
3) n-Nitrosodimethylamine	3.502	42	3191	0.147	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.410	198	3	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	46222	0.274	ng	100

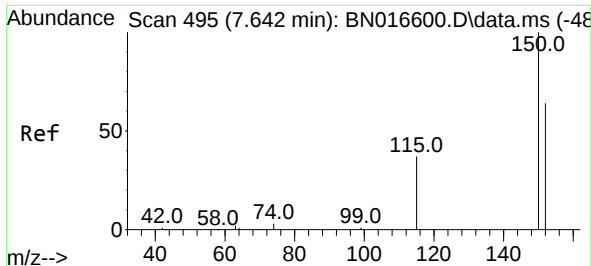
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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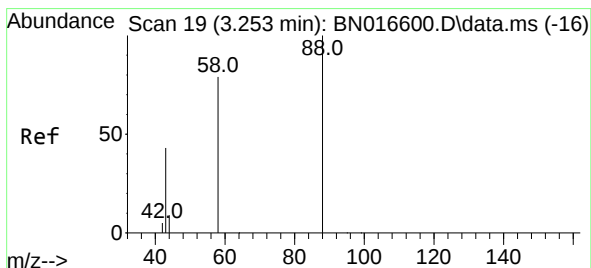
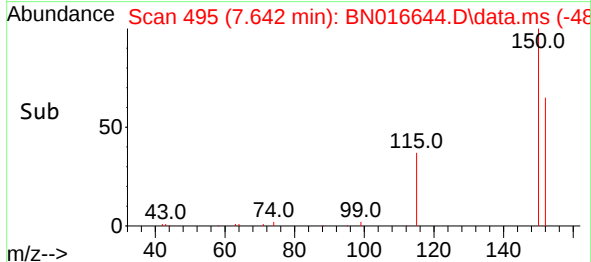
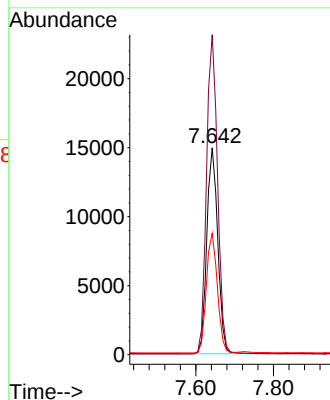
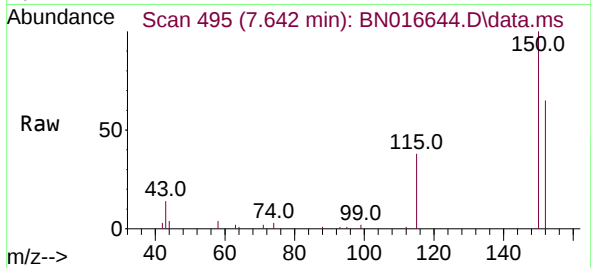




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016644.D
 Acq: 01 Oct 2021 20:10

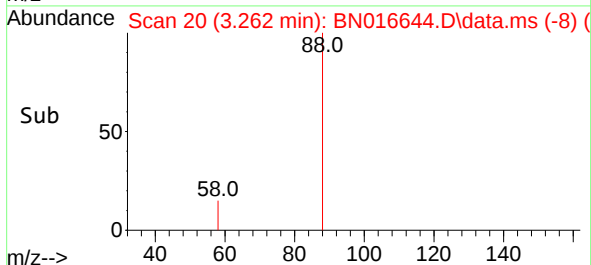
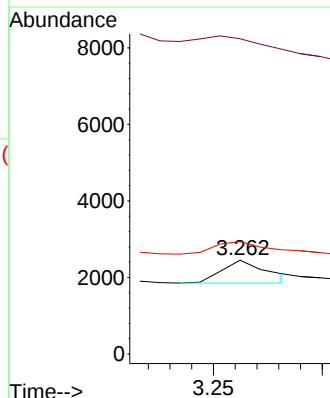
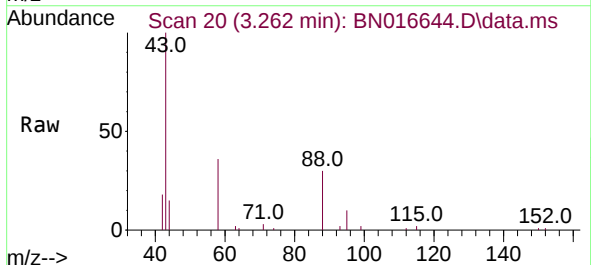
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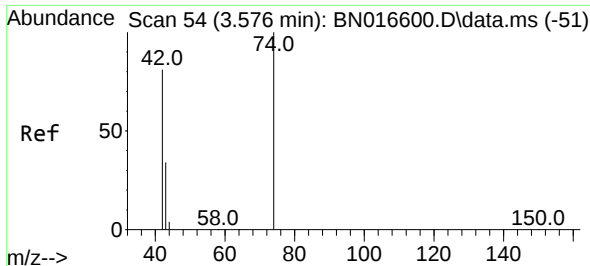
Tgt Ion:152 Resp: 29338
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 58.6 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016644.D
 Acq: 01 Oct 2021 20:10

Tgt Ion: 88 Resp: 852
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 61.3 61.3 91.9#

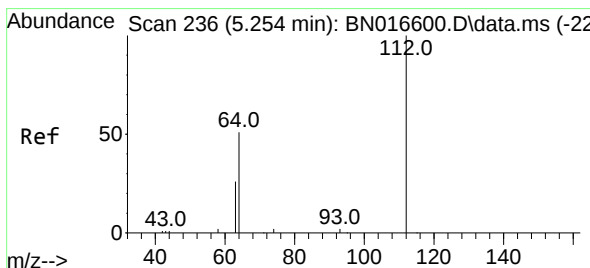
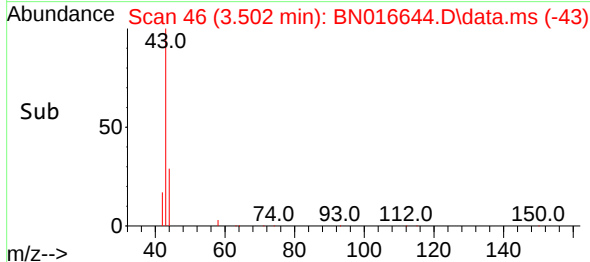
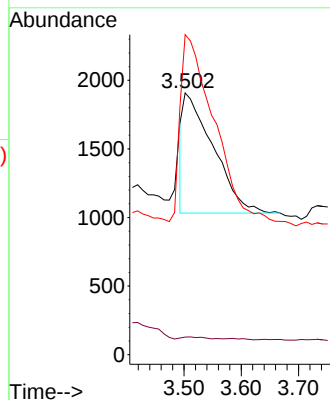
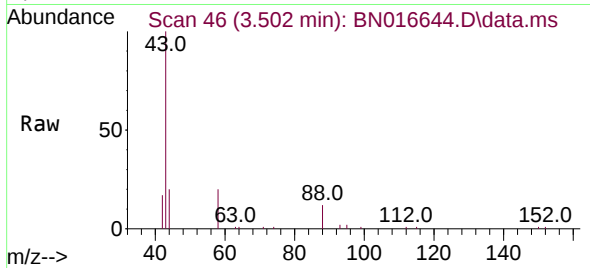




#3
n-Nitrosodimethylamine
Concen: 0.147 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

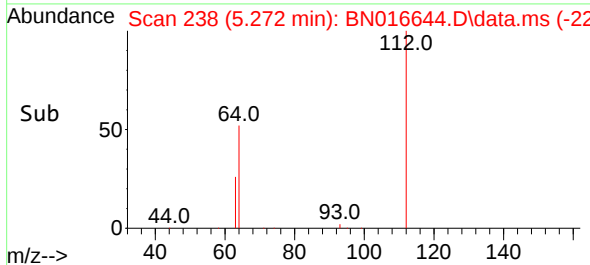
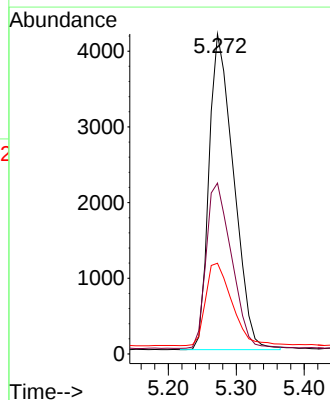
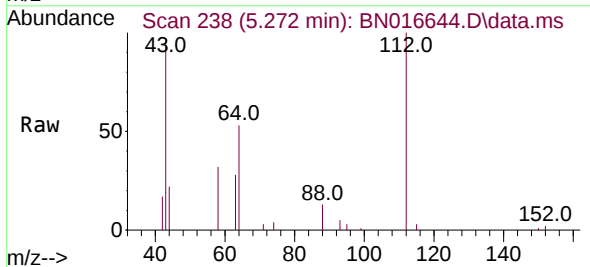
Instrument :
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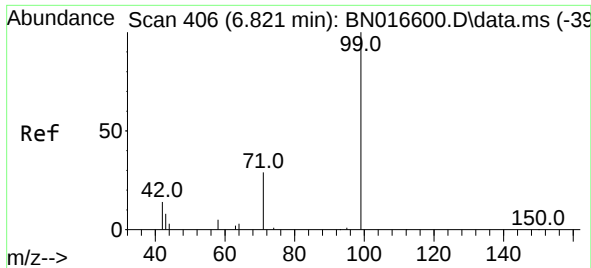
Tgt Ion: 42 Resp: 3191
Ion Ratio Lower Upper
42 100
74 1.0 121.6 182.4#
44 156.7 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

Tgt Ion: 112 Resp: 10499
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.9 21.6 32.4

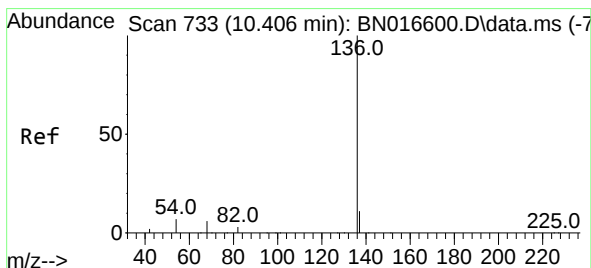
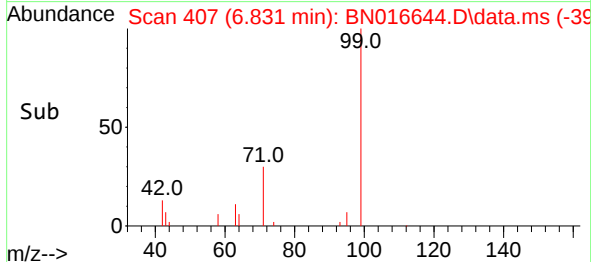
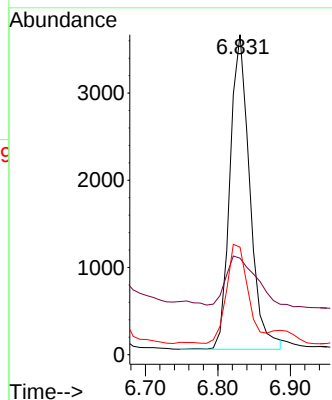
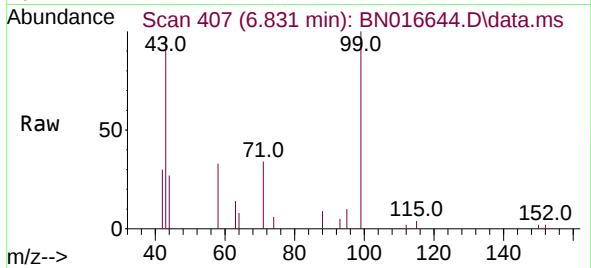




#5
Phenol-d6
Concen: 0.083 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

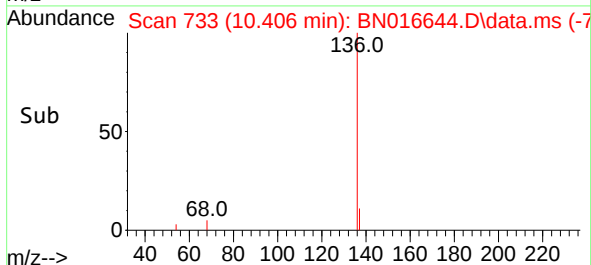
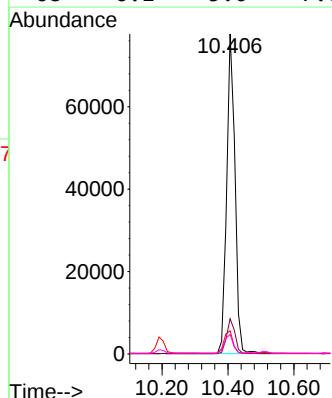
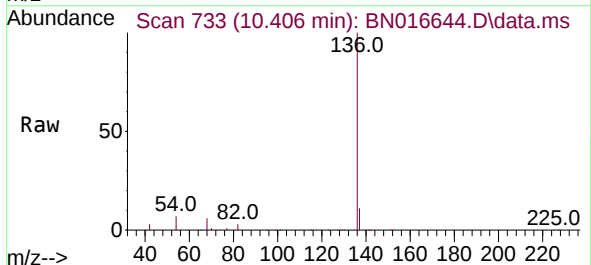
Instrument :
BNA_N
ClientSampleId :
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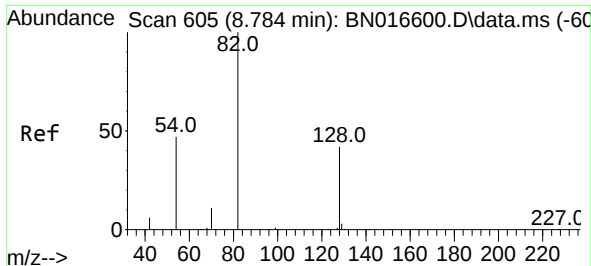
Tgt Ion: 99 Resp: 6815
Ion Ratio Lower Upper
99 100
42 23.1 13.0 19.6#
71 34.6 23.5 35.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

Tgt Ion: 136 Resp: 134572
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.3 5.9 8.9
68 6.1 5.0 7.6

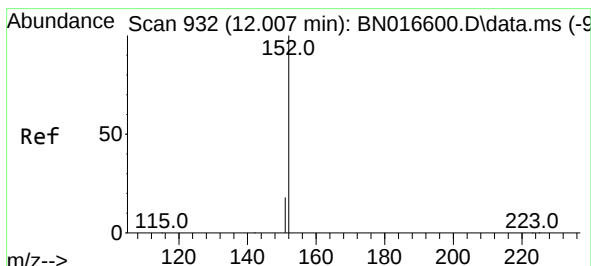
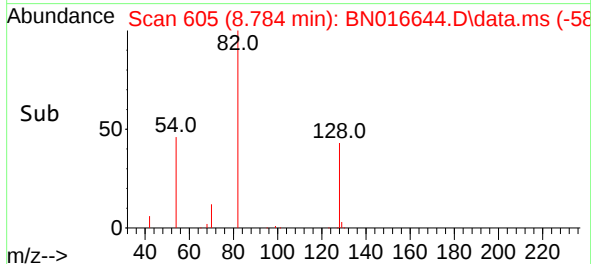
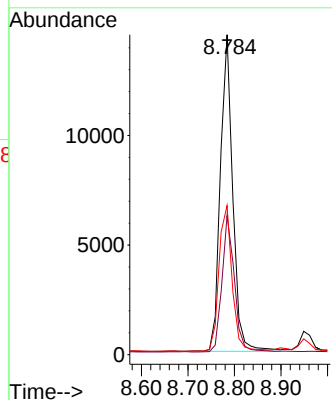
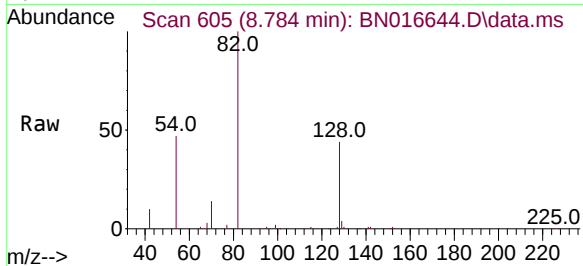




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

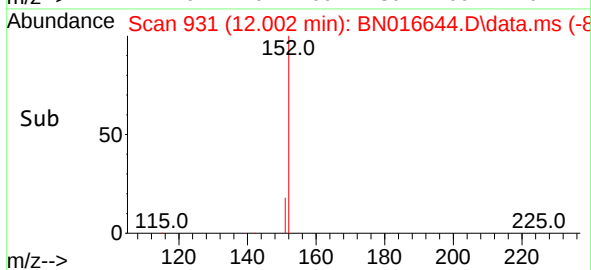
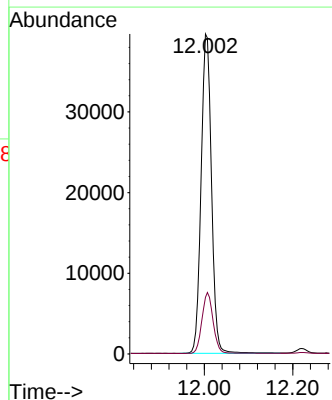
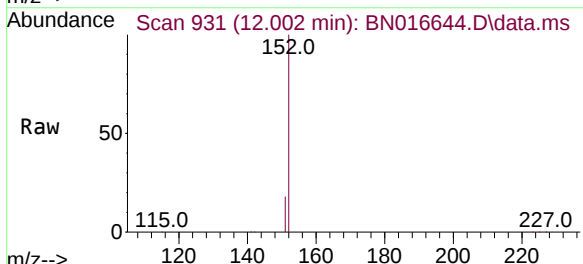
Instrument :
BNA_N
ClientSampleId :
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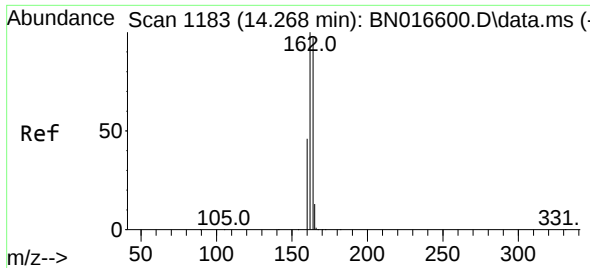
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	46.6	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.005 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

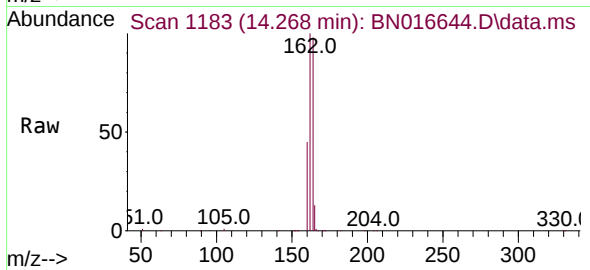
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4



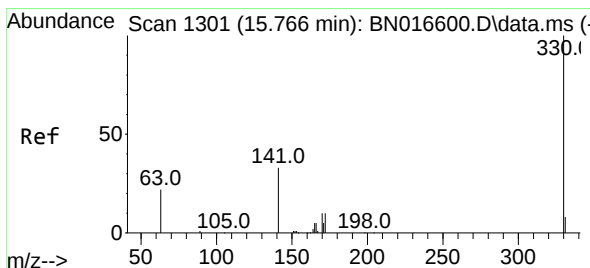
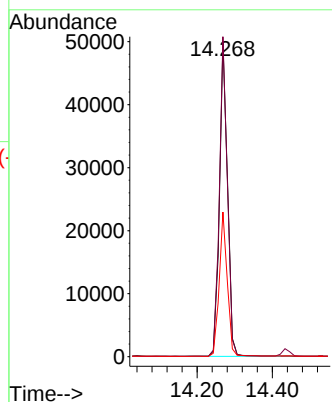
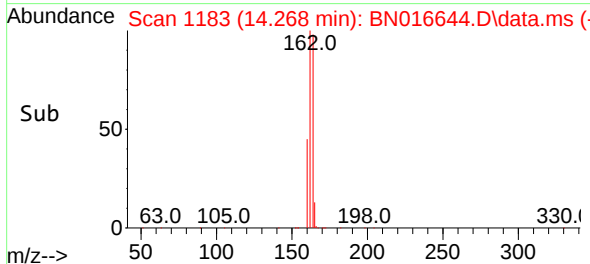


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

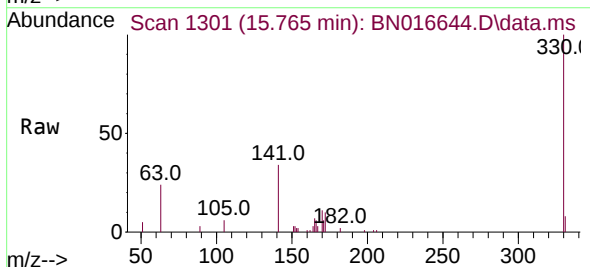
Instrument :
BNA_N
ClientSampleId :
MW201D1-20210919



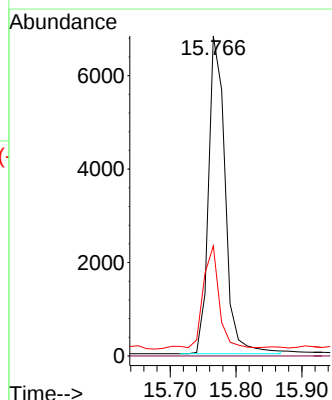
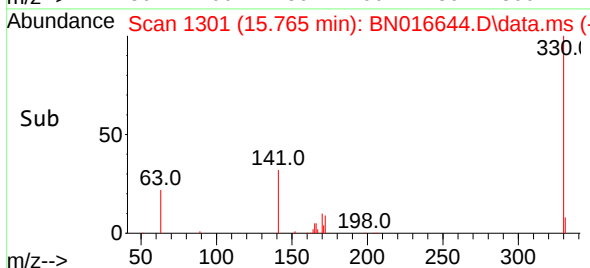
Tgt Ion:164 Resp: 73896
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.9 37.7 56.5

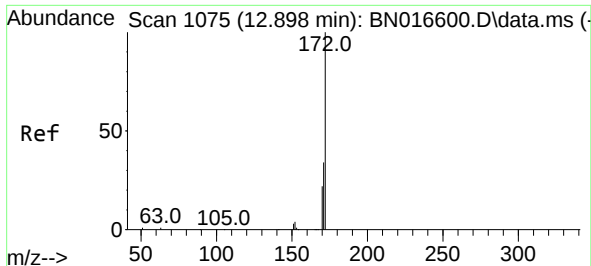


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.765 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10



Tgt Ion:330 Resp: 11919
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 25.2 37.8

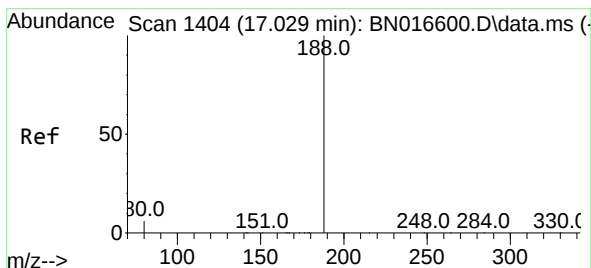
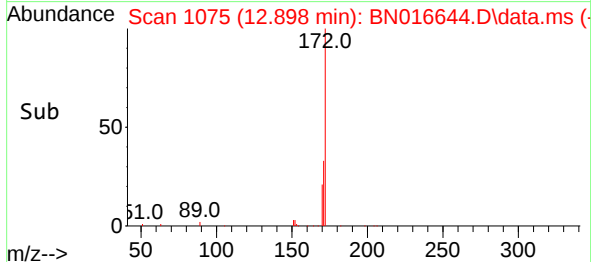
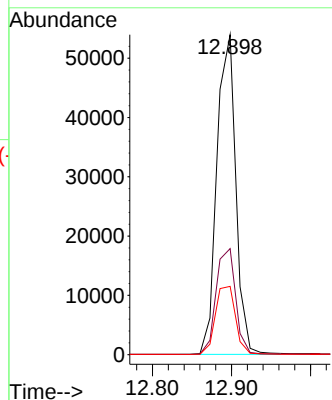
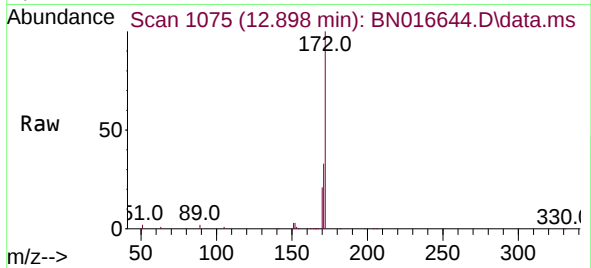




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

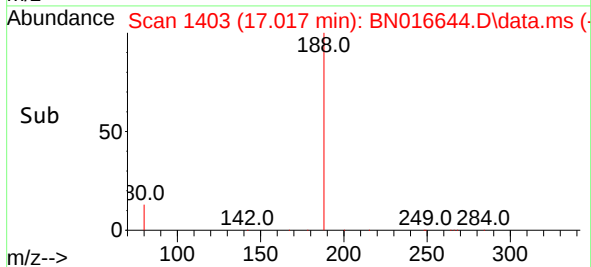
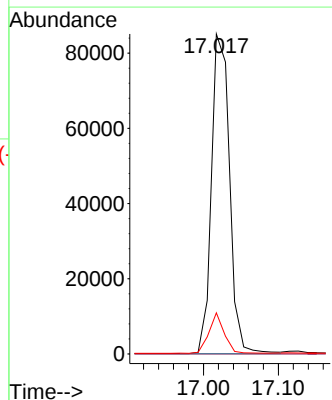
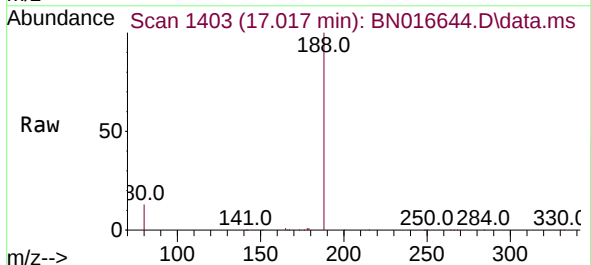
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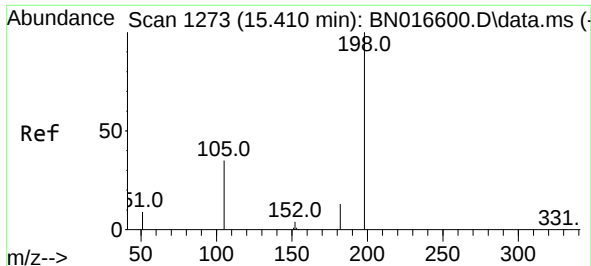
Tgt Ion:	172	Resp:	89867
Ion Ratio	Lower	Upper	
172	100		
171	33.2	27.0	40.4
170	21.4	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

Tgt Ion:	188	Resp:	142567
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.8	5.0	7.6#

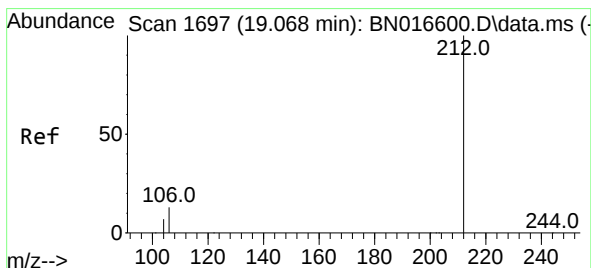
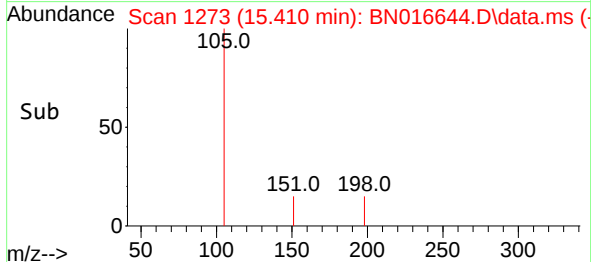
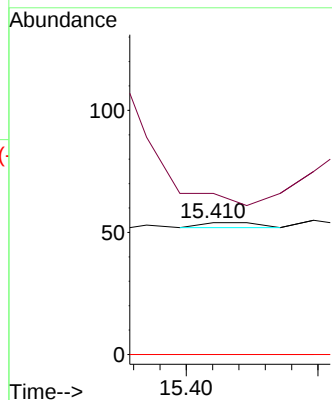
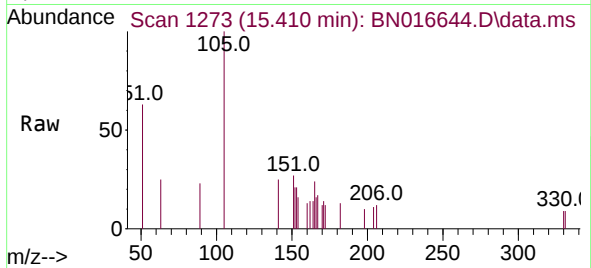




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.410 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

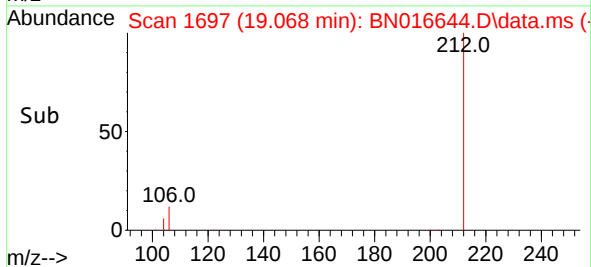
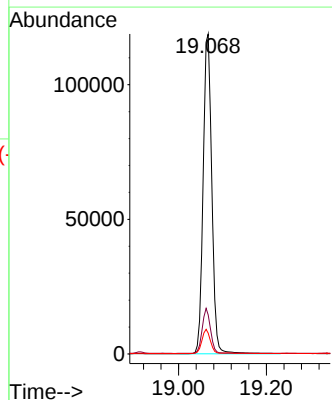
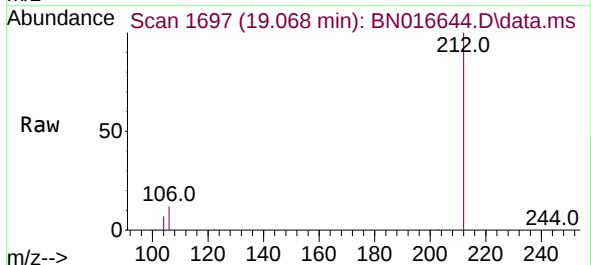
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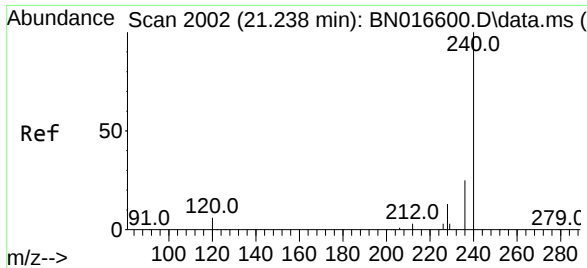
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 122.2 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

Tgt Ion:212 Resp: 161946
Ion Ratio Lower Upper
212 100
106 13.6 10.6 16.0
104 7.3 5.9 8.9

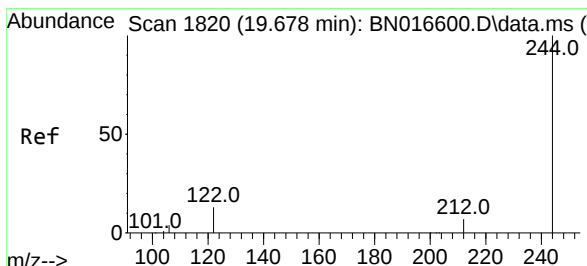
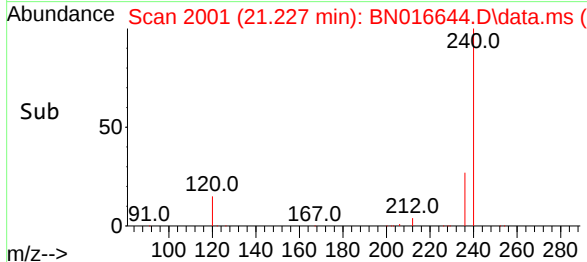
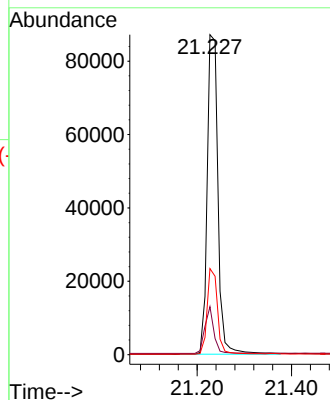
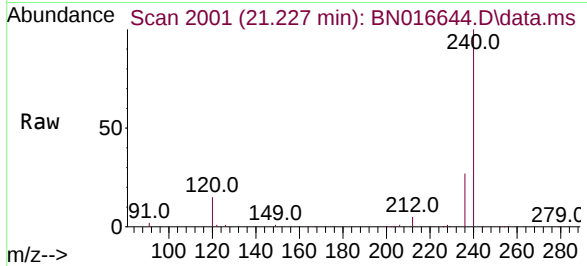




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

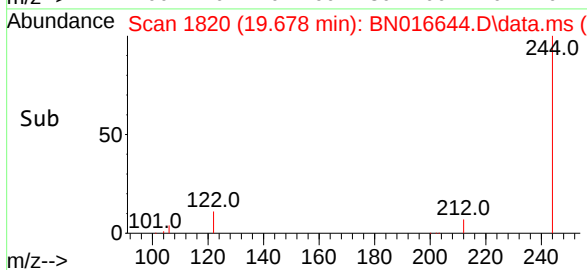
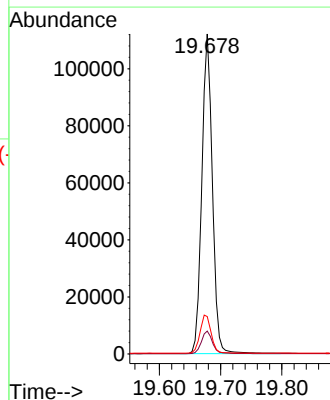
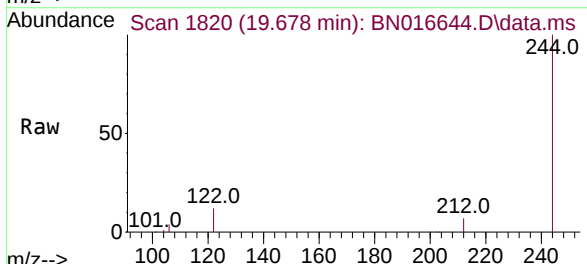
Instrument :
BNA_N
ClientSampleId :
MW201D1-20210919

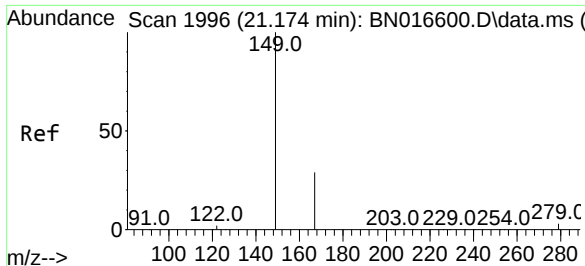
Tgt Ion:240 Resp: 137745
Ion Ratio Lower Upper
240 100
120 15.0 5.0 7.4#
236 26.9 20.4 30.6



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016644.D
Acq: 01 Oct 2021 20:10

Tgt Ion:244 Resp: 134247
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.7 10.1 15.1

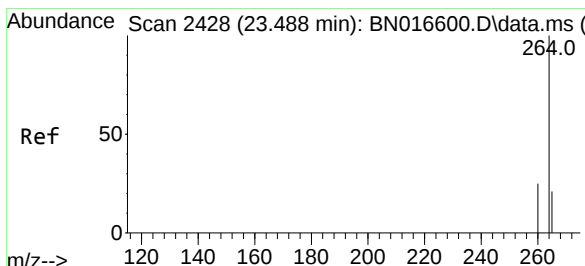
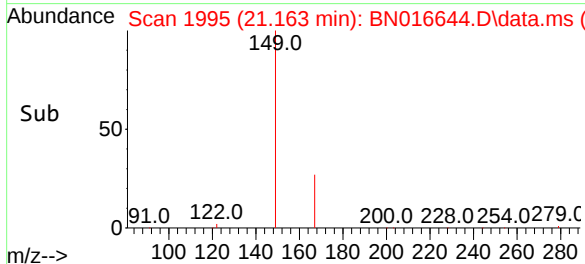
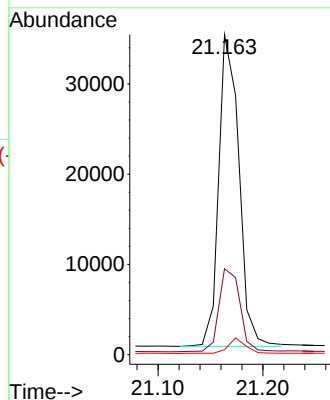
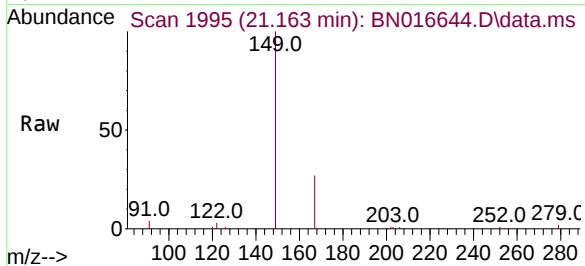




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.274 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.011 min
 Lab File: BN016644.D
 Acq: 01 Oct 2021 20:10

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20210919

Tgt Ion:	149	Resp:	46222
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.2	33.4
279	4.2	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016644.D
 Acq: 01 Oct 2021 20:10

Tgt Ion:	264	Resp:	144287
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.9	29.9
265	23.2	19.2	28.8

