

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016678.D
 Acq On : 02 Oct 2021 19:33
 Operator : CG/JU
 Sample : M3829-21
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:35:14 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)

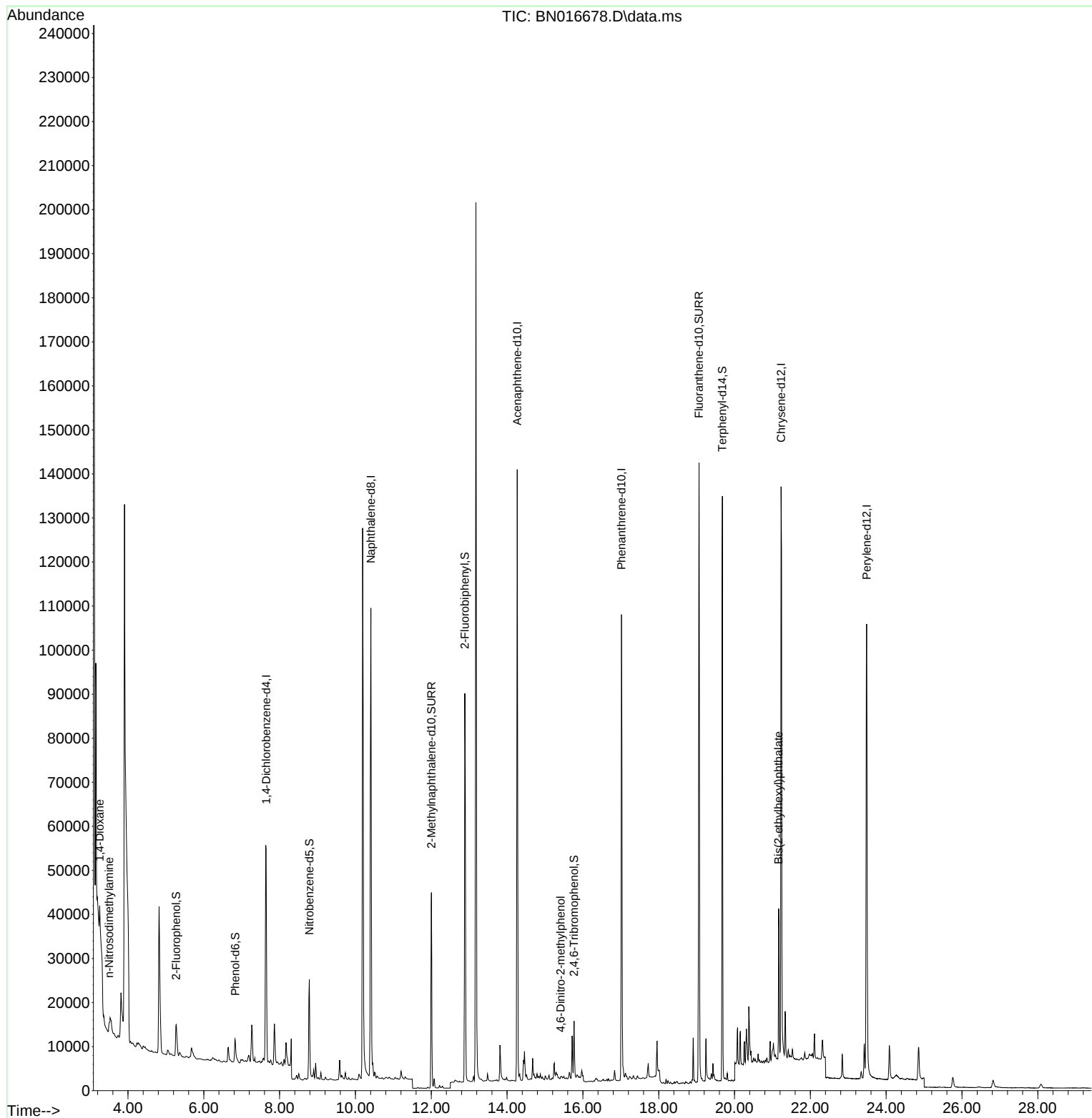
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31036	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	141607	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	74848	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	146942	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	138193	0.400	ng	#-0.01
35) Perylene-d12	23.484	264	142624	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10243	0.130	ng	0.02
5) Phenol-d6	6.831	99	6318	0.073	ng	0.00
8) Nitrobenzene-d5	8.784	82	21231	0.230	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59229	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10767	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	81431	0.269	ng	-0.01
27) Fluoranthene-d10	19.063	212	157979	0.404	ng	0.00
31) Terphenyl-d14	19.678	244	132290	0.440	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	4997	0.350	ng	# 83
3) n-Nitrosodimethylamine	3.502	42	1749	0.076	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	16	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	36202	0.214	ng	99

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

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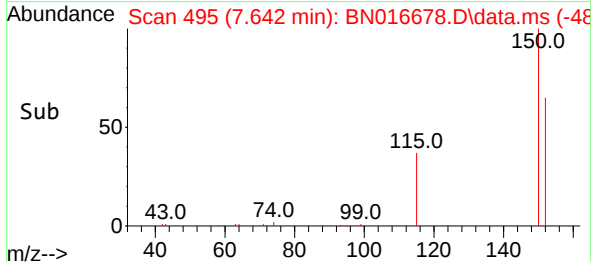
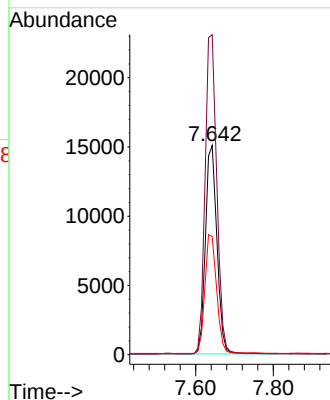
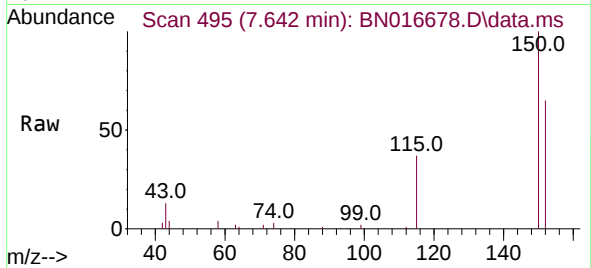




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

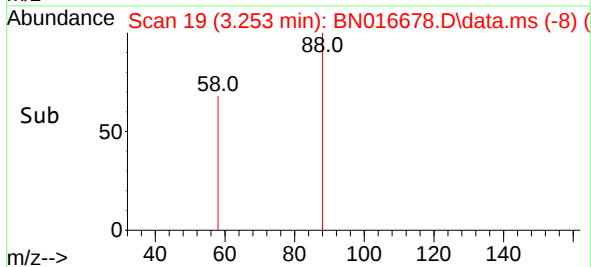
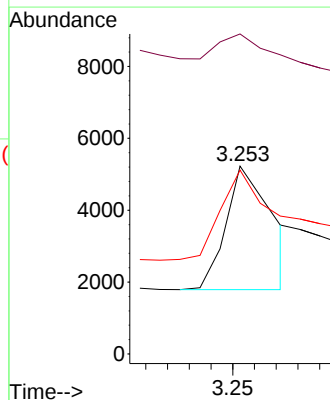
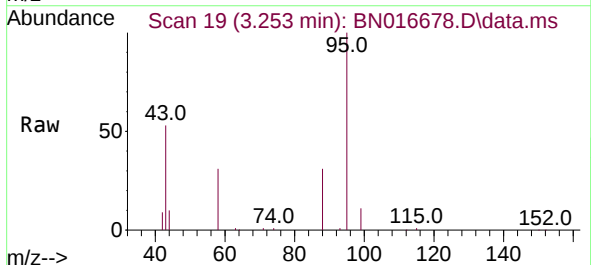
Instrument :
BNA_N
ClientSampleId :

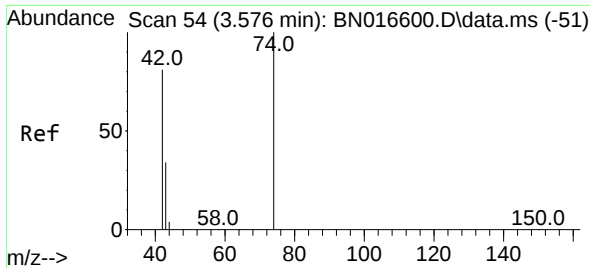
Tgt Ion:152 Resp: 31036
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 56.5 46.5 69.7



#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion: 88 Resp: 4997
Ion Ratio Lower Upper
88 100
43 17.5 37.8 56.8#
58 75.9 61.3 91.9

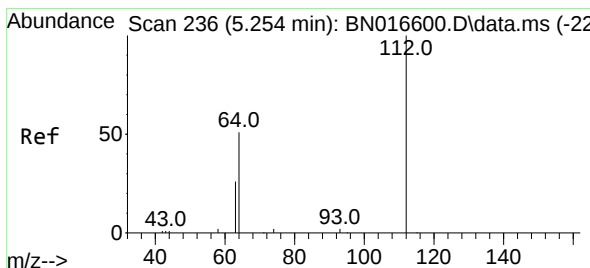
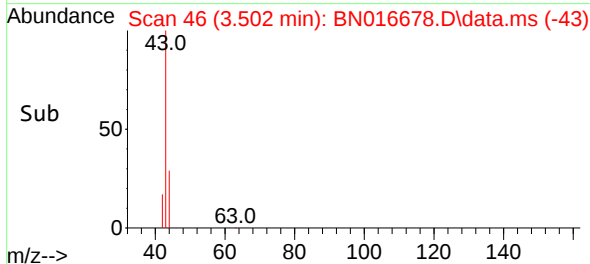
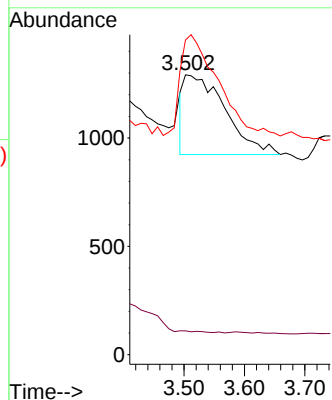
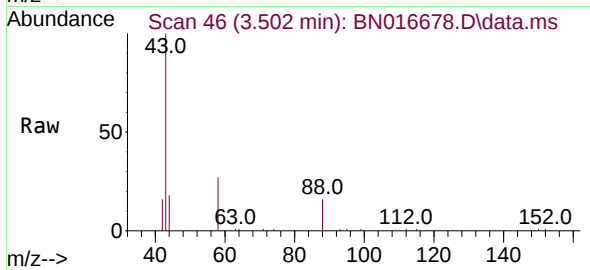




#3
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

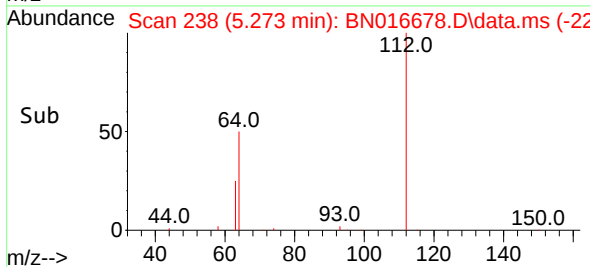
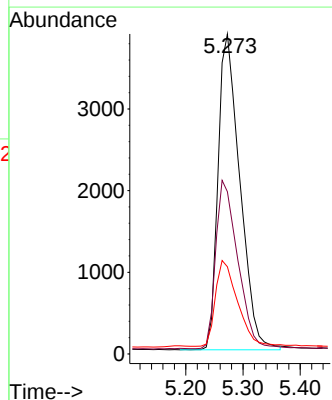
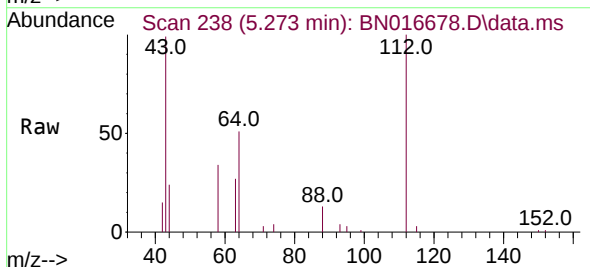
Instrument :
BNA_N
ClientSampleId :

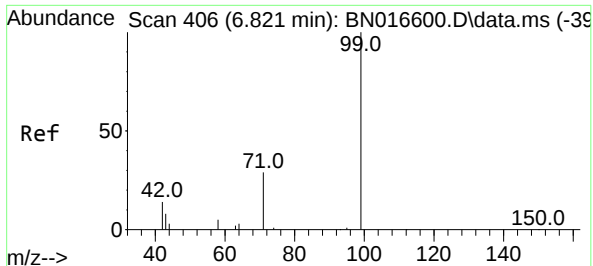
Tgt Ion: 42 Resp: 1749
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 103.8 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

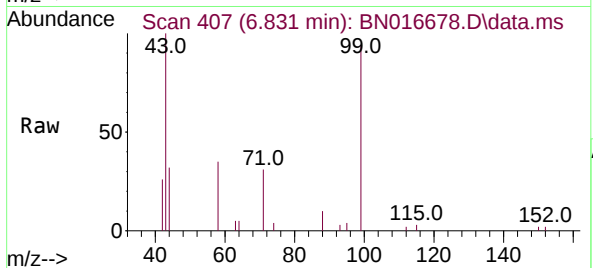
Tgt Ion: 112 Resp: 10243
Ion Ratio Lower Upper
112 100
64 53.6 43.1 64.7
63 27.5 21.6 32.4



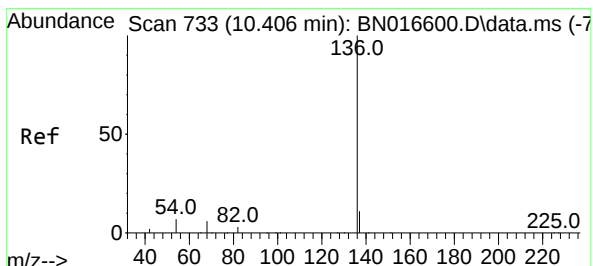
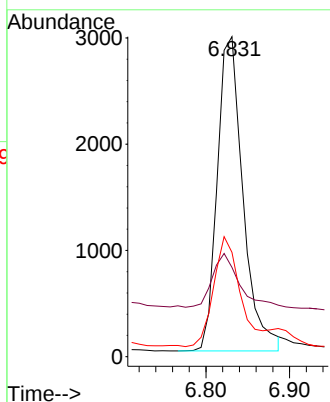
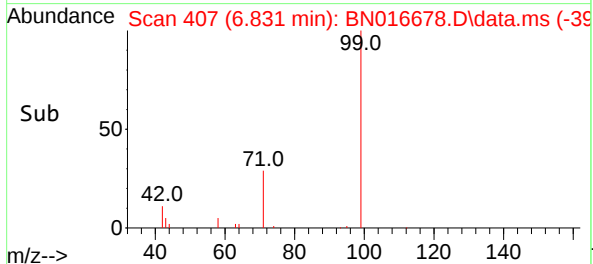


#5
Phenol-d6
Concen: 0.073 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

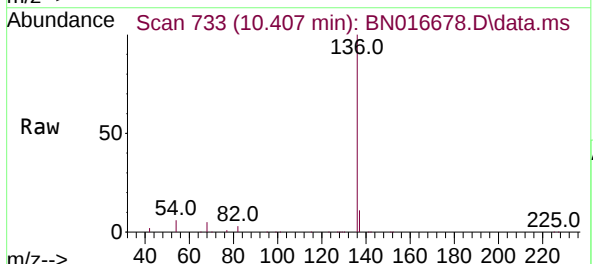
Instrument :
BNA_N
ClientSampled :



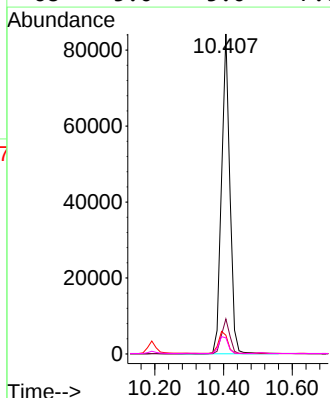
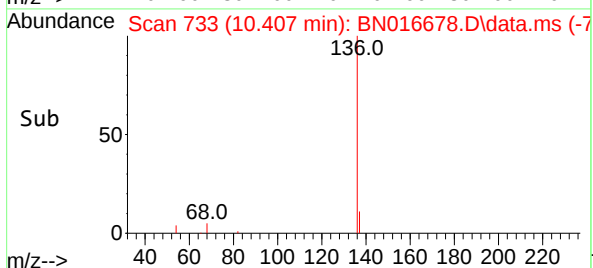
Tgt Ion: 99 Resp: 6318
Ion Ratio Lower Upper
99 100
42 17.5 13.0 19.6
71 36.2 23.5 35.3#

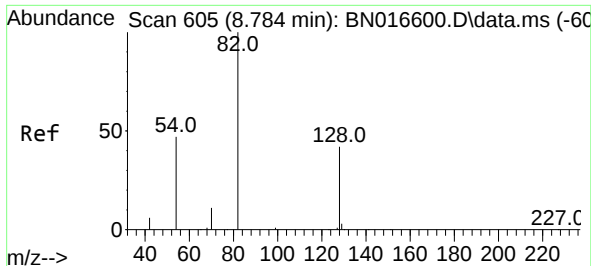


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33



Tgt Ion: 136 Resp: 141607
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.8 5.9 8.9#
68 5.0 5.0 7.6

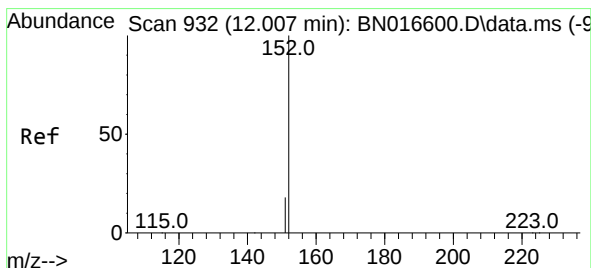
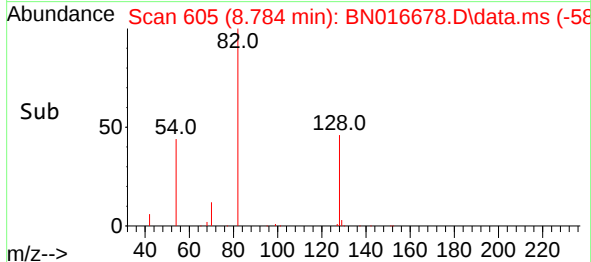
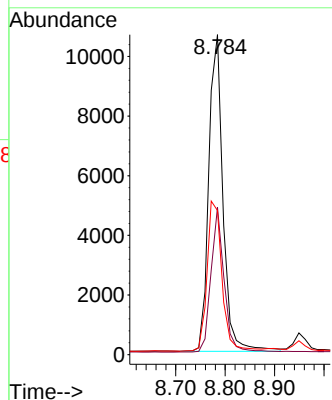
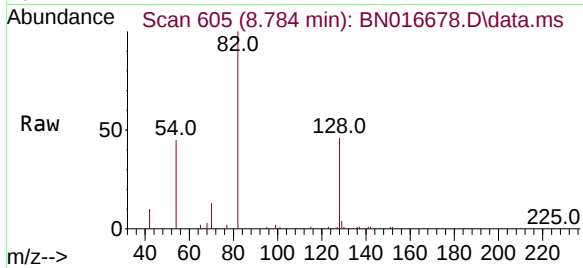




#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

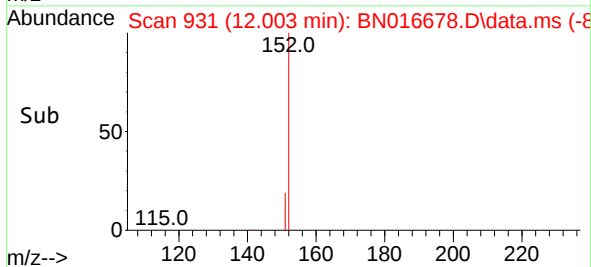
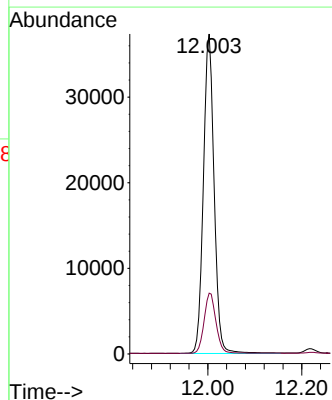
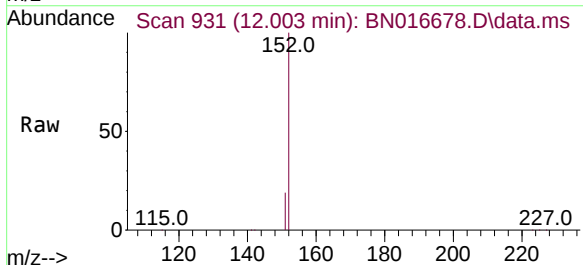
Instrument :
BNA_N
ClientSampleId :

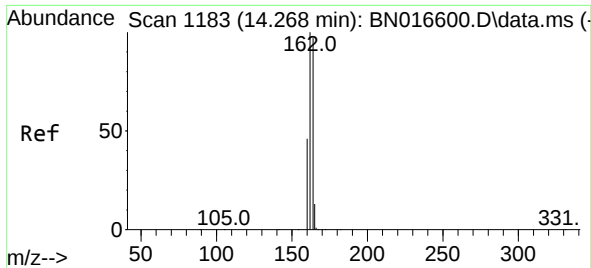
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.6	50.4
54	45.1	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4

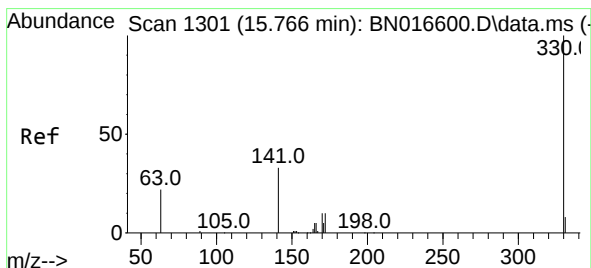
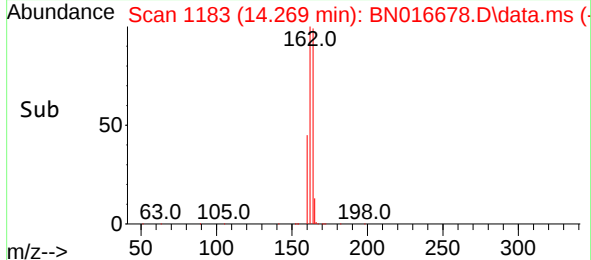
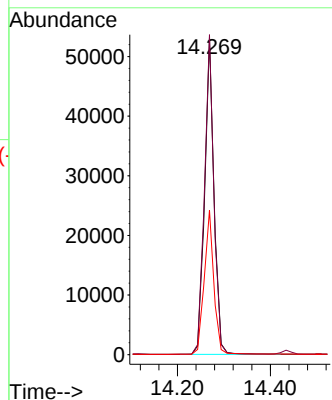
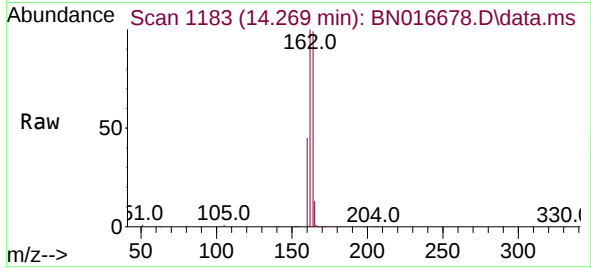




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

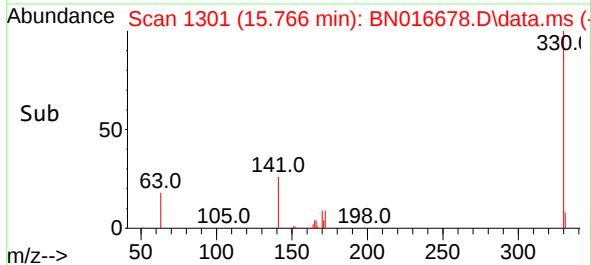
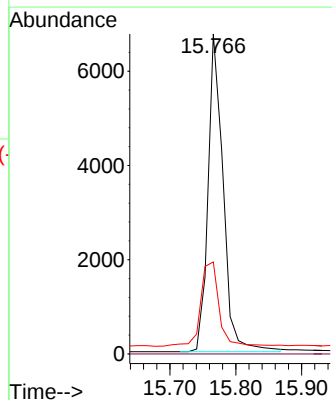
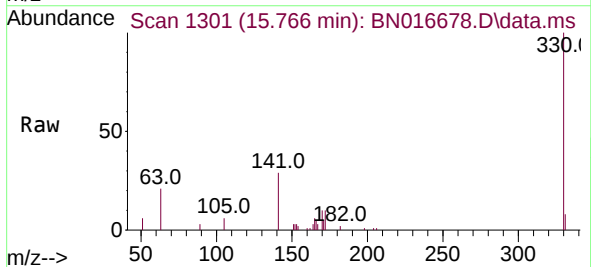
Instrument :
BNA_N
ClientSampled :

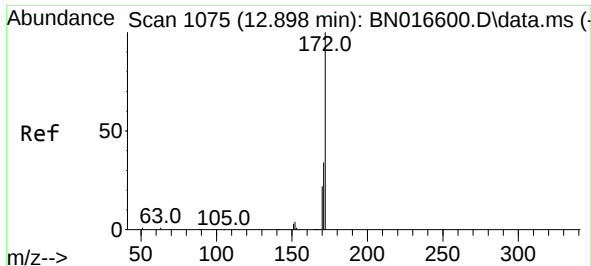
Tgt Ion:164 Resp: 74848
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.6 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion:330 Resp: 10767
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.0 25.2 37.8

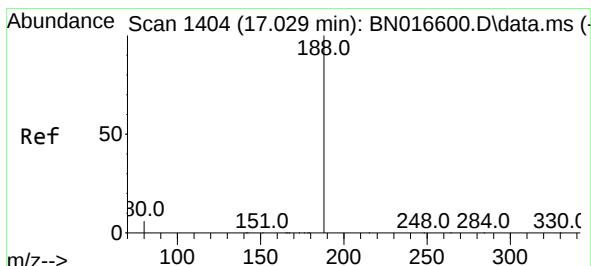
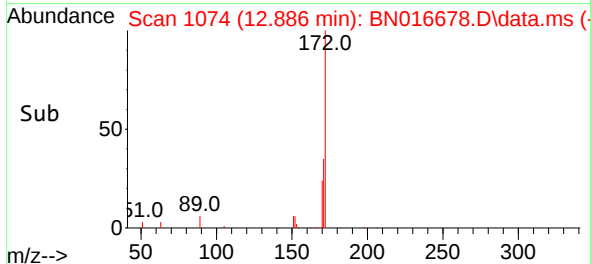
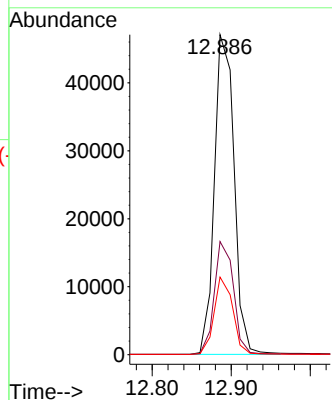
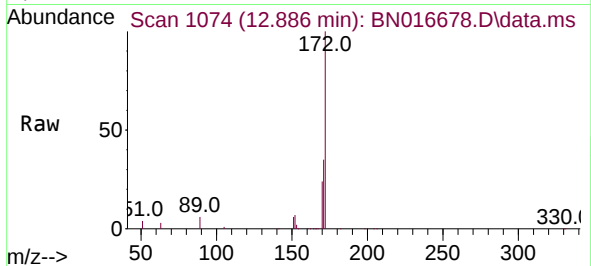




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

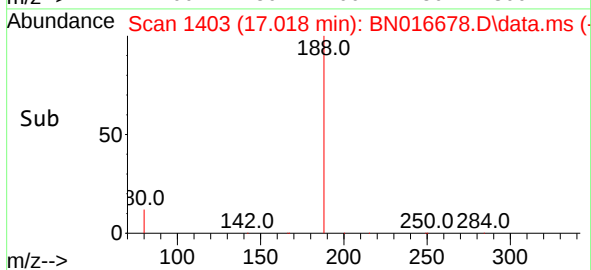
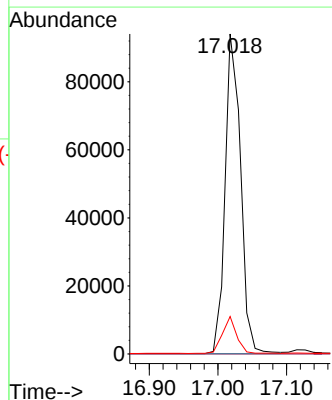
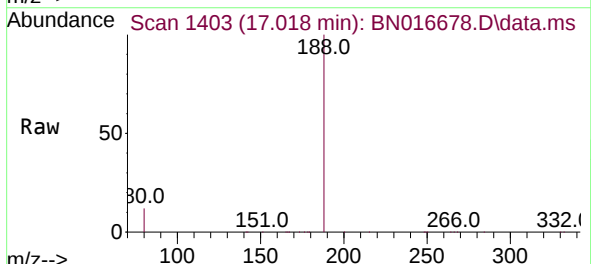
Instrument :
BNA_N
ClientSampleId :

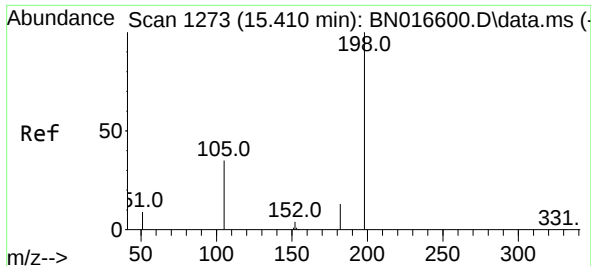
Tgt Ion:172 Resp: 81431
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.4
170 24.3 17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion:188 Resp: 146942
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 5.0 7.6#

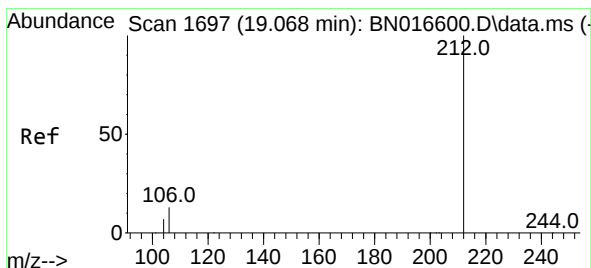
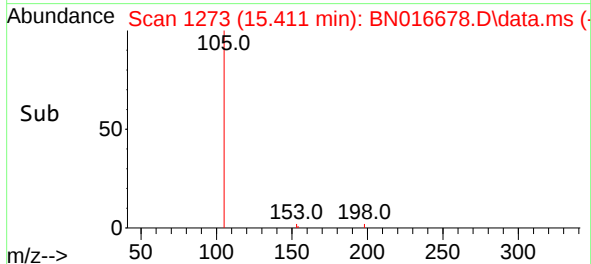
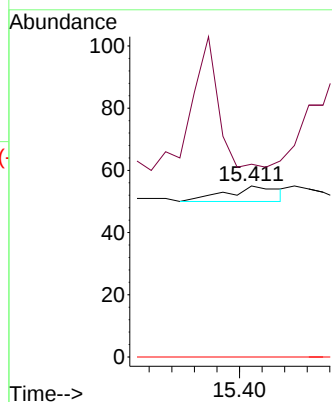
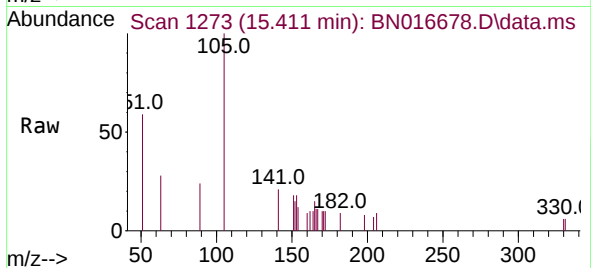




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

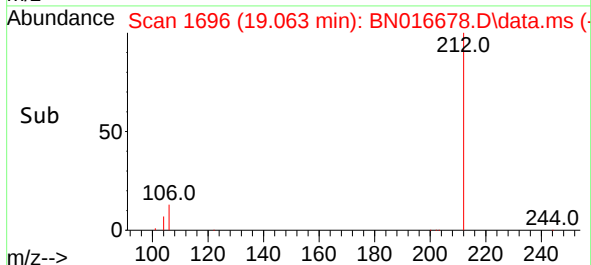
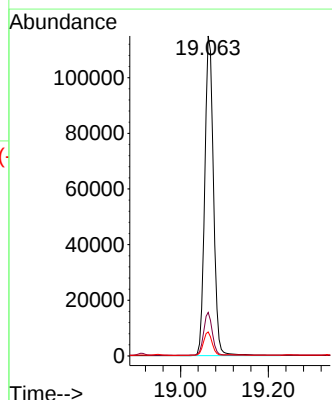
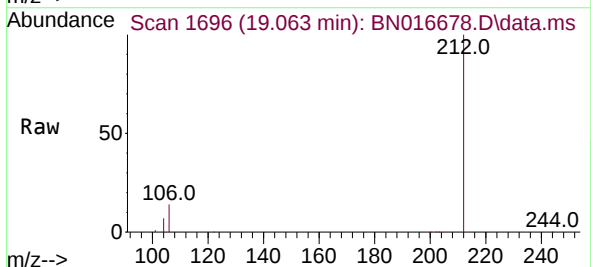
Instrument :
BNA_N
ClientSampled :

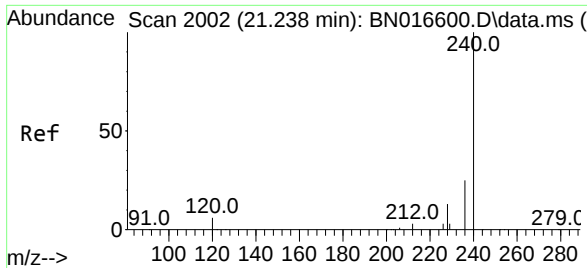
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 112.7 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion:212 Resp: 157979
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.2 5.9 8.9

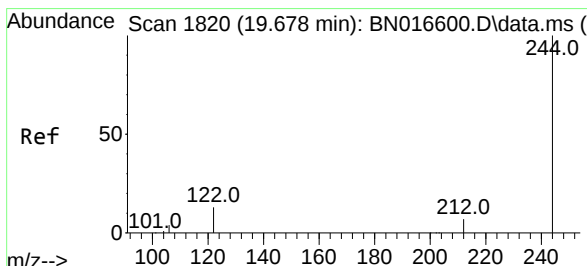
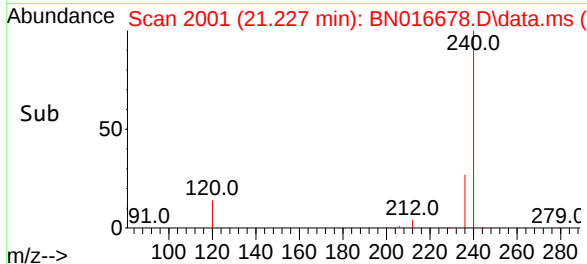
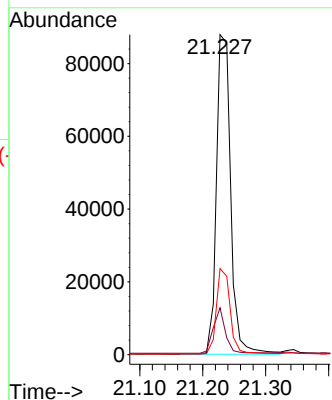
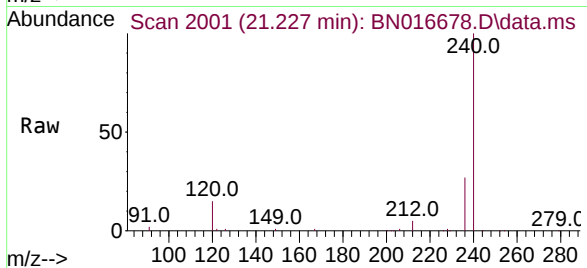




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

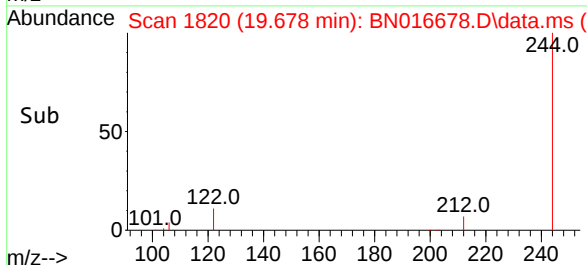
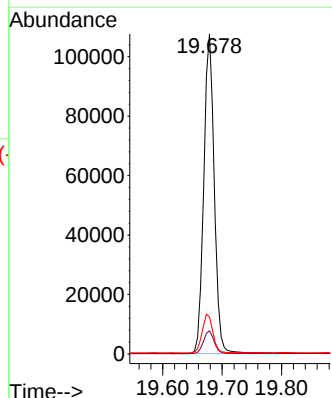
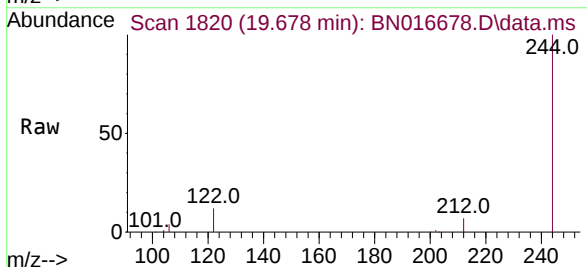
Instrument :
BNA_N
ClientSampleId :

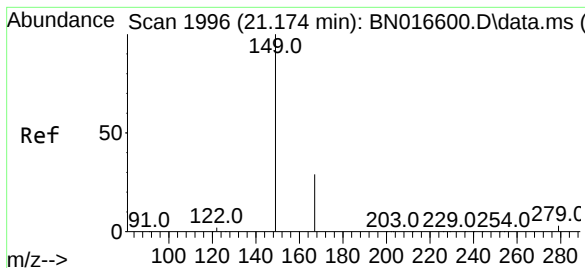
Tgt Ion:240 Resp: 138193
Ion Ratio Lower Upper
240 100
120 14.7 5.0 7.4#
236 26.9 20.4 30.6



#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016678.D
Acq: 02 Oct 2021 19:33

Tgt Ion:244 Resp: 132290
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.5 10.1 15.1

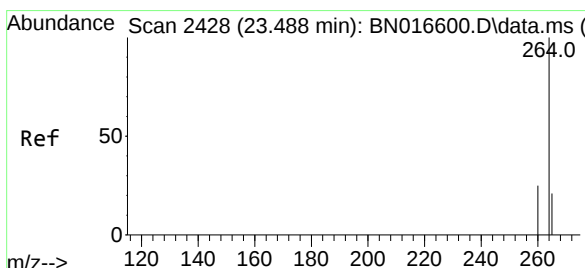
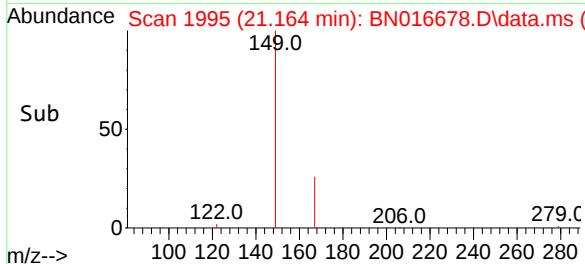
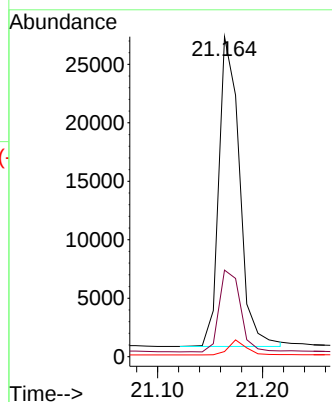
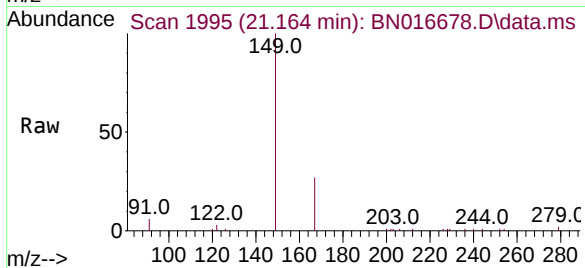




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.214 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016678.D
 Acq: 02 Oct 2021 19:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	36202
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.2	33.4
279	4.2	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016678.D
 Acq: 02 Oct 2021 19:33

Tgt Ion:	264	Resp:	142624
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	22.8	19.2	28.8

