

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016659.D
 Acq On : 02 Oct 2021 06:57
 Operator : CG/JU
 Sample : M3829-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210917

Quant Time: Oct 02 07:39:45 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)

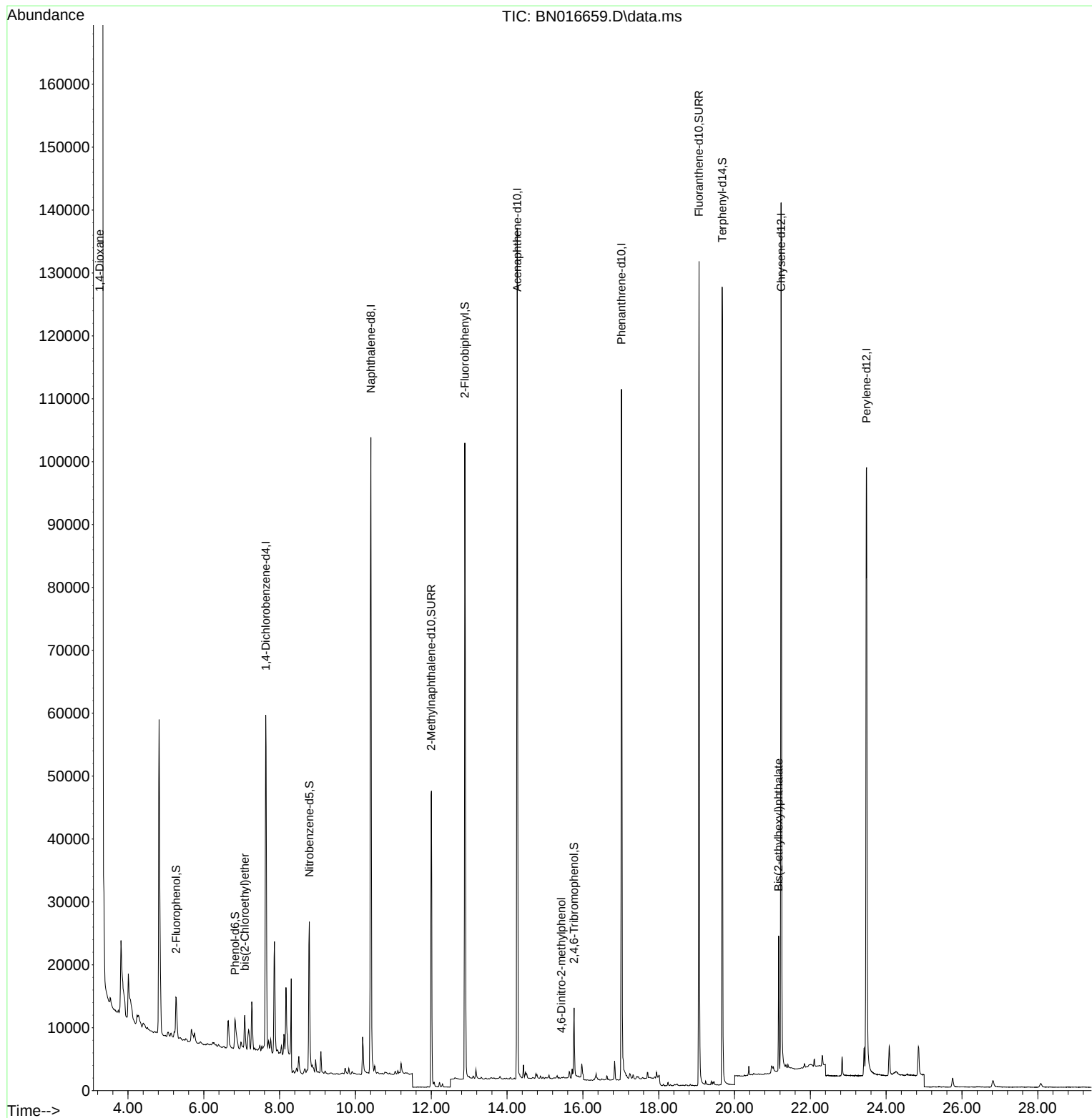
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31164	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	141497	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	75121	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	146959	0.400	ng	#-0.01
29) Chrysene-d12	21.228	240	134314	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	139014	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8785	0.111	ng	0.02
5) Phenol-d6	6.822	99	5121	0.059	ng	0.00
8) Nitrobenzene-d5	8.785	82	23662	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	66405	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9794	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	92292	0.303	ng	-0.01
27) Fluoranthene-d10	19.063	212	149102	0.382	ng	0.00
31) Terphenyl-d14	19.674	244	132809	0.455	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	41627	2.902	ng	# 87
6) bis(2-Chloroethyl)ether	7.080	93	5148	0.061	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	11	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	17953	0.109	ng	99

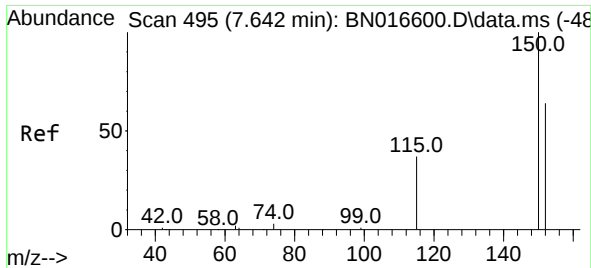
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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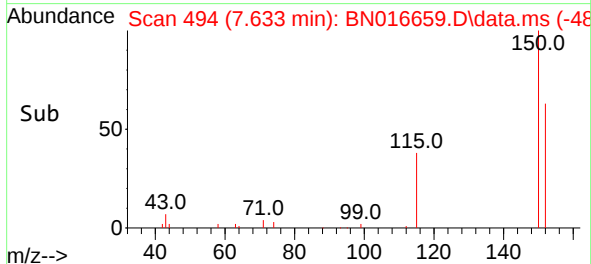
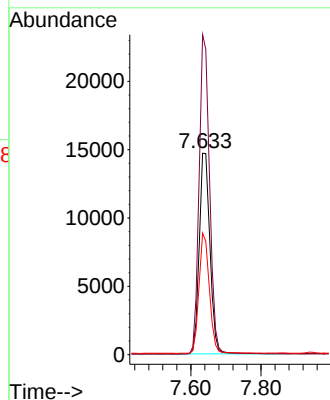
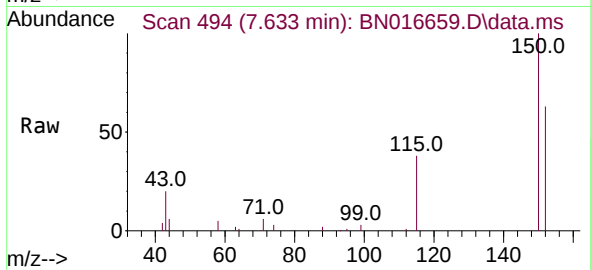




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. -0.009 min
 Lab File: BN016659.D
 Acq: 02 Oct 2021 06:57

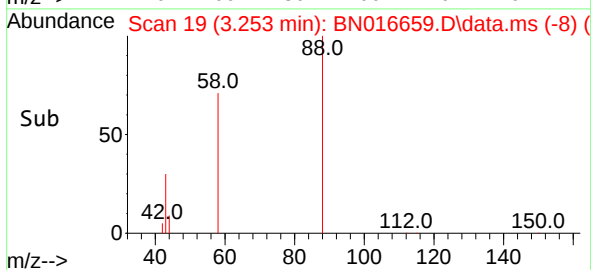
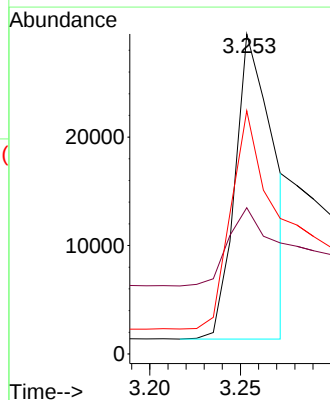
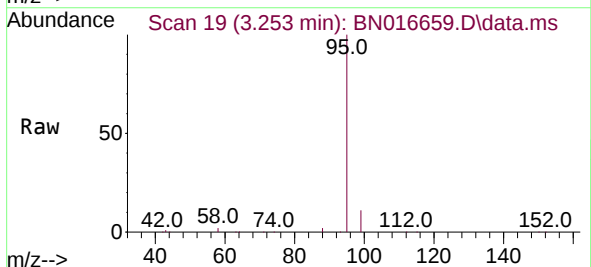
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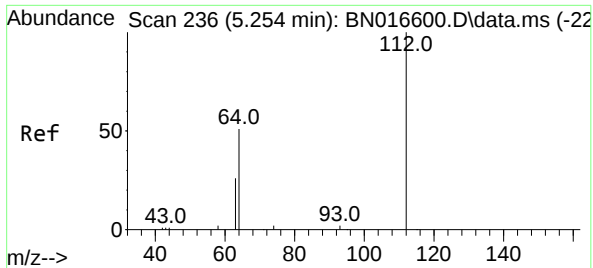
Tgt Ion:152 Resp: 31164
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 60.3 46.5 69.7



#2
 1,4-Dioxane
 Concen: 2.902 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016659.D
 Acq: 02 Oct 2021 06:57

Tgt Ion: 88 Resp: 41627
 Ion Ratio Lower Upper
 88 100
 43 28.2 37.8 56.8#
 58 73.7 61.3 91.9

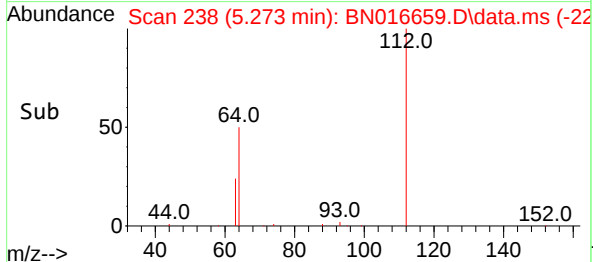
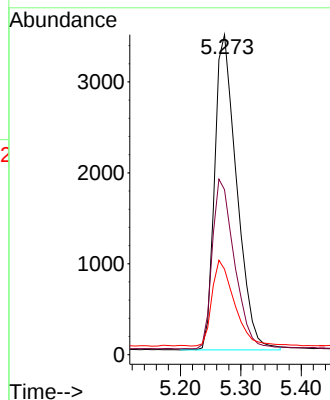
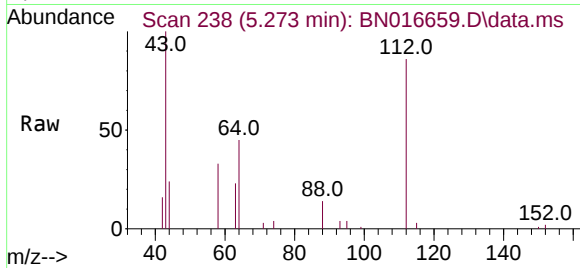




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

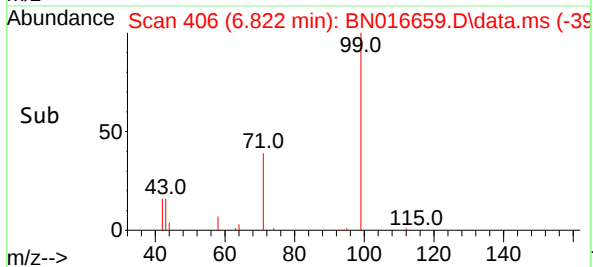
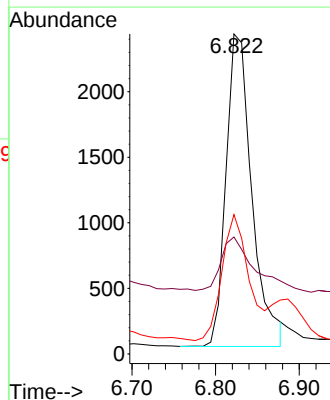
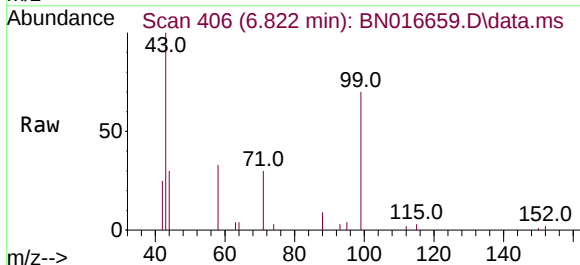
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ClientSampleId :
RE108D2-20210917

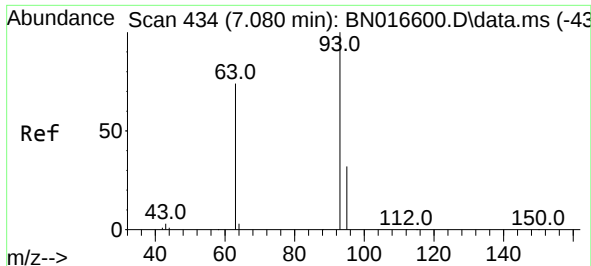
Tgt Ion:	112	Resp:	8785
Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.1	64.7
63	27.6	21.6	32.4



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:	99	Resp:	5121
Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.0	19.6#
71	42.2	23.5	35.3#

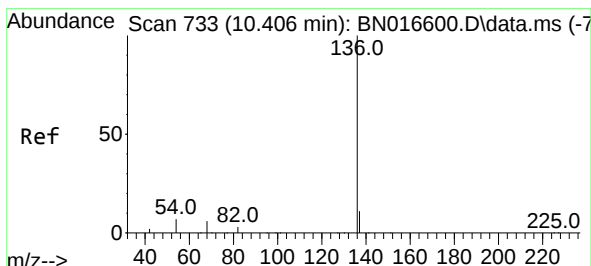
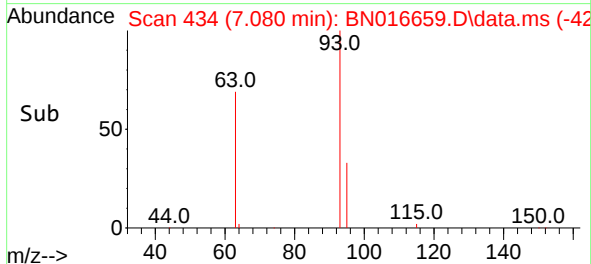
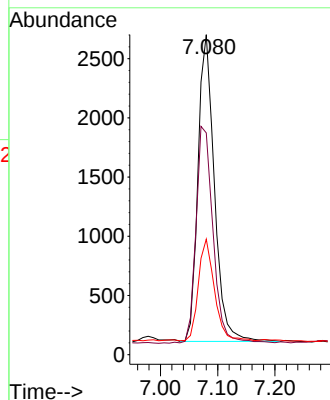
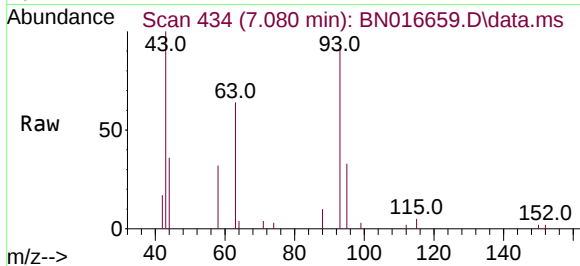




#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

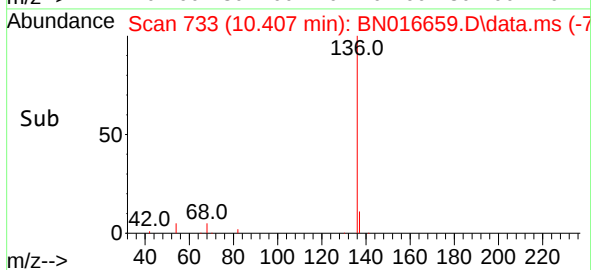
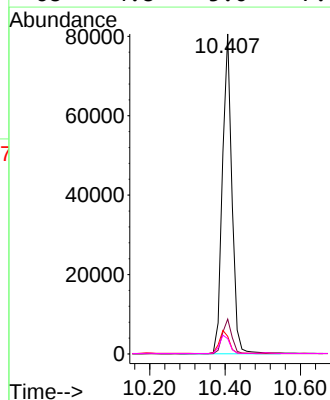
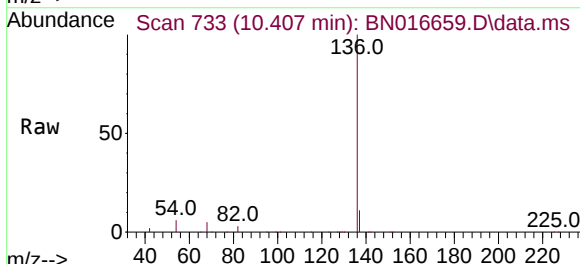
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210917

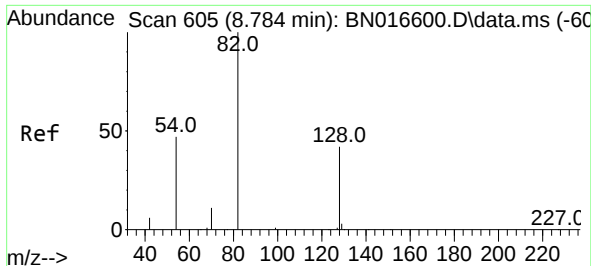
Tgt Ion:	93	Resp:	5148
Ion	Ratio	Lower	Upper
93	100		
63	74.0	59.1	88.7
95	32.2	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:	136	Resp:	141497
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.5	5.9	8.9#
68	4.8	5.0	7.6#

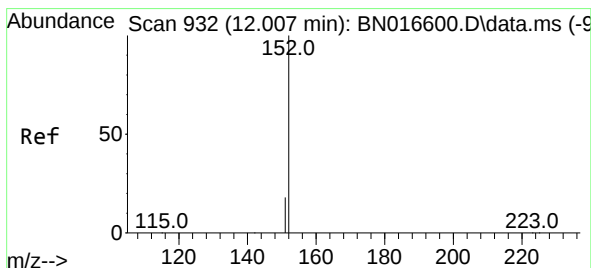
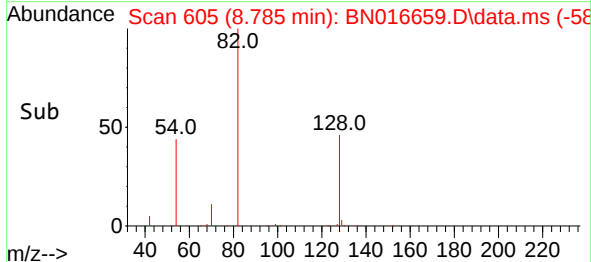
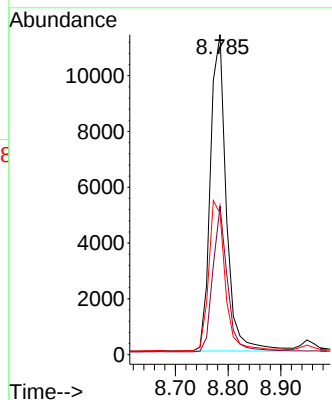
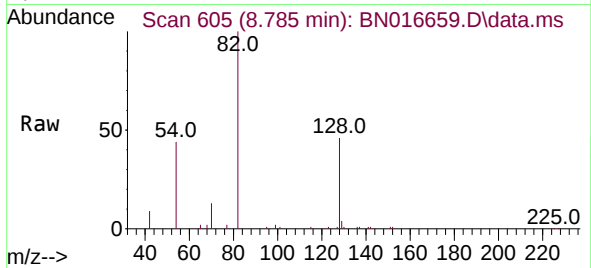




#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

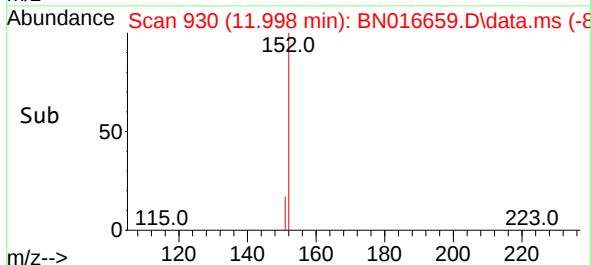
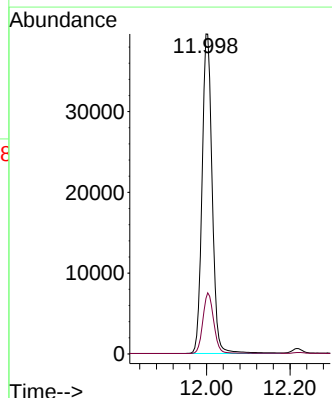
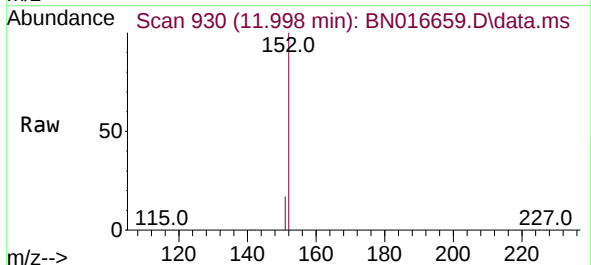
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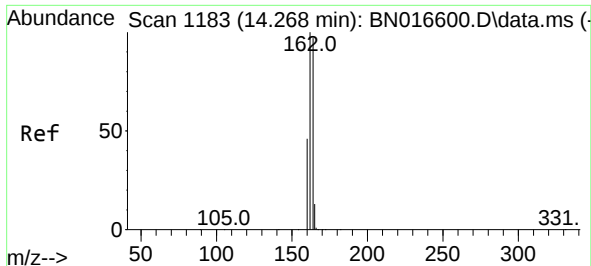
Tgt Ion: 82 Resp: 23662
Ion Ratio Lower Upper
82 100
128 46.4 33.6 50.4
54 44.2 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.008 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion: 152 Resp: 66405
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

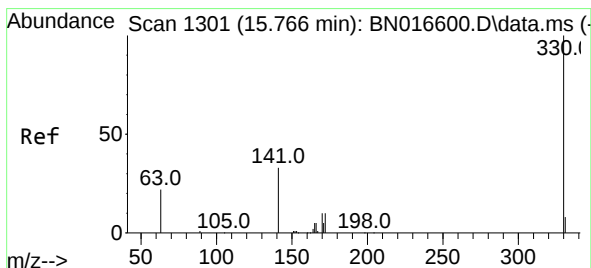
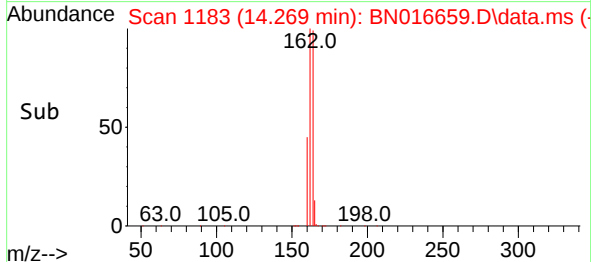
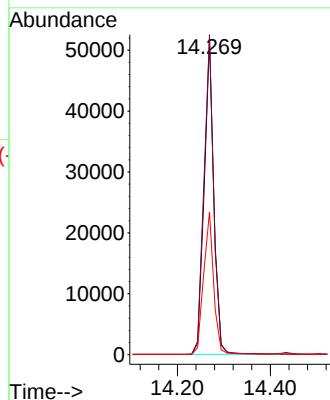
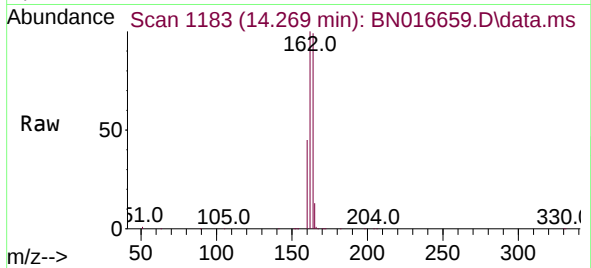




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

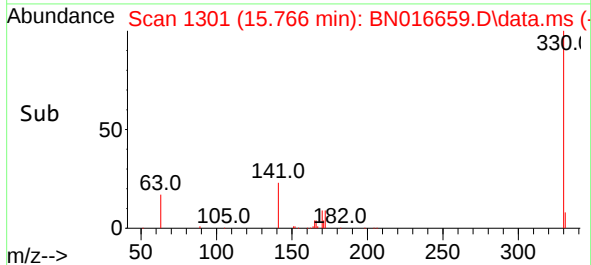
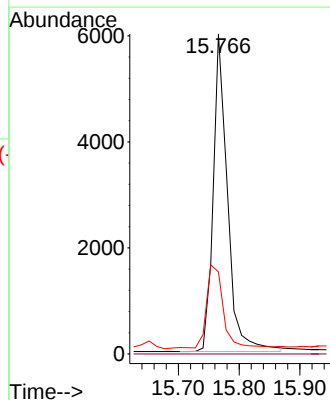
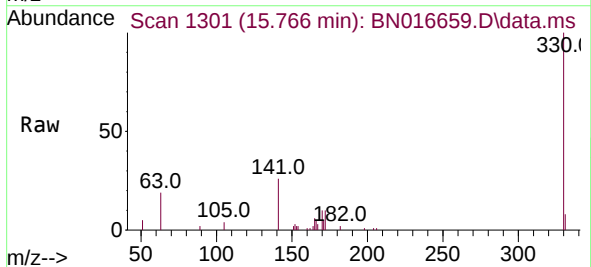
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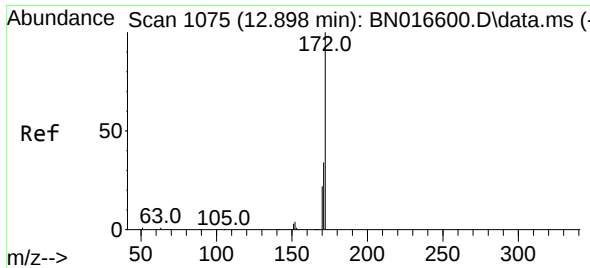
Tgt Ion:164 Resp: 75121
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.2 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:330 Resp: 9794
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 25.2 37.8

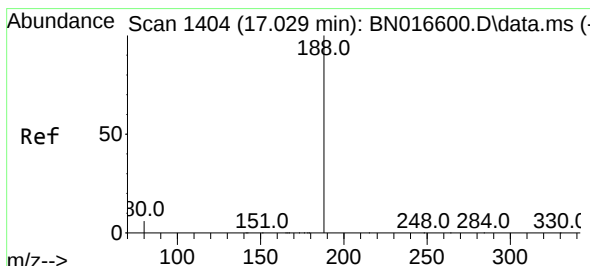
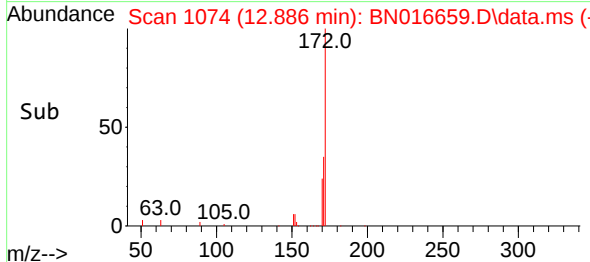
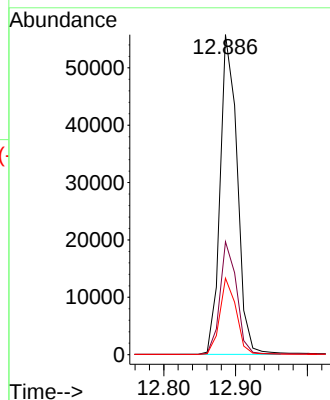
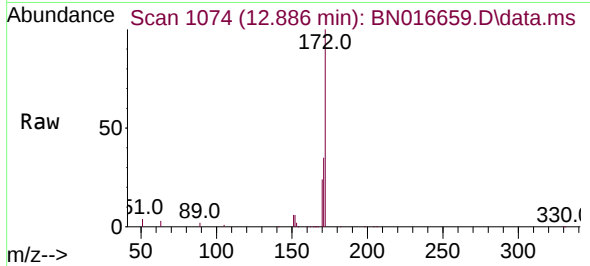




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

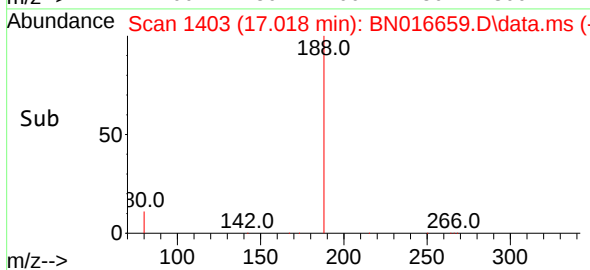
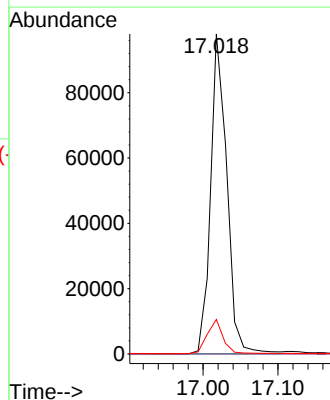
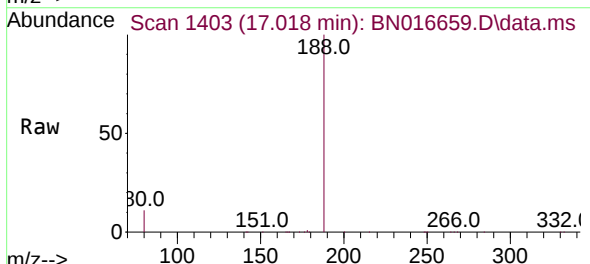
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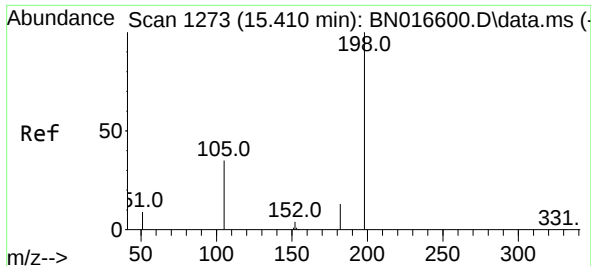
Tgt Ion:172	Resp:	92292
Ion Ratio	Lower	Upper
172	100	
171	35.3	27.0 40.4
170	23.9	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:188	Resp:	146959
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.8	5.0 7.6#

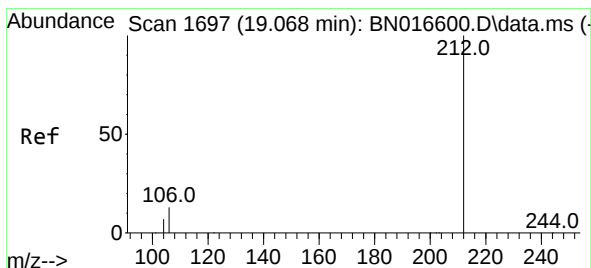
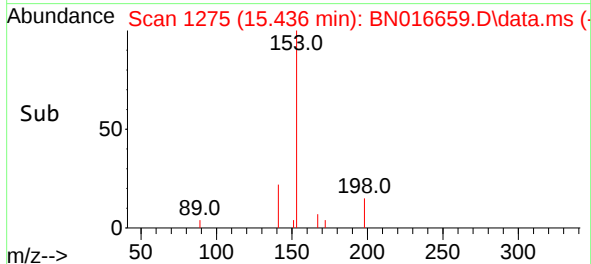
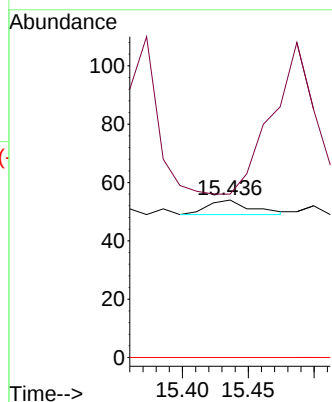
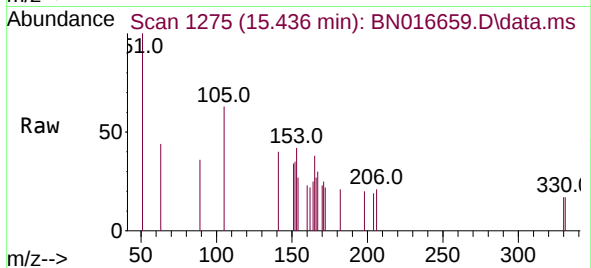




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

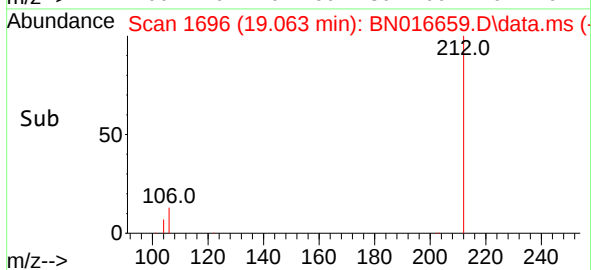
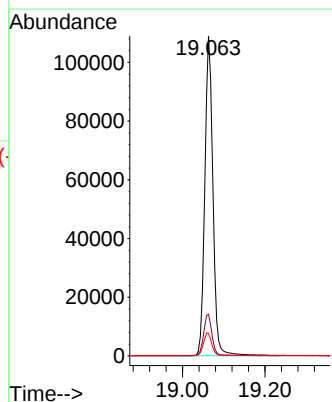
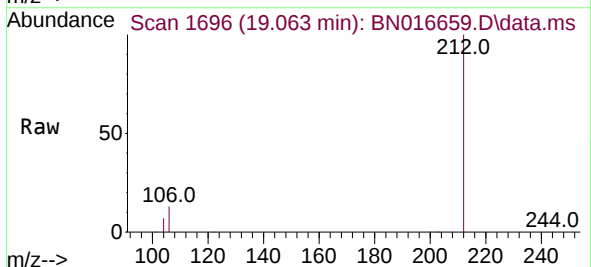
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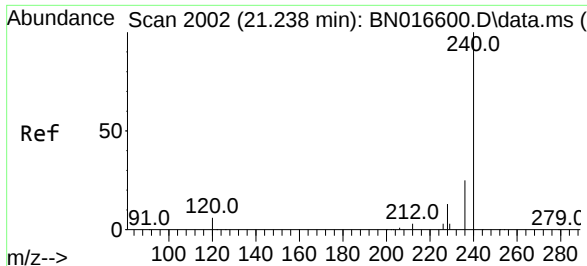
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 103.7 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:212 Resp: 149102
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.9 8.9

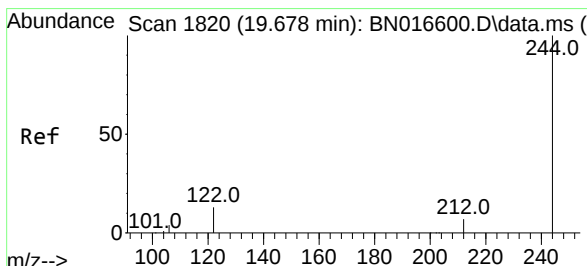
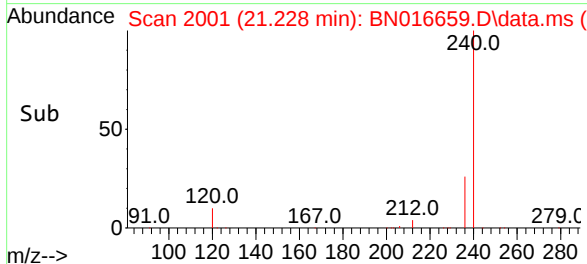
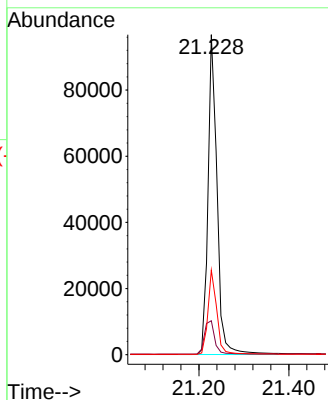
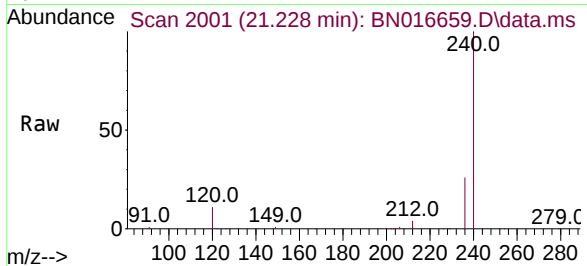




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

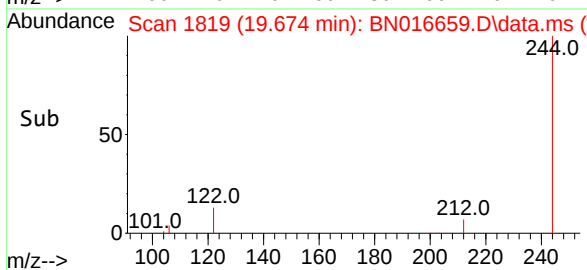
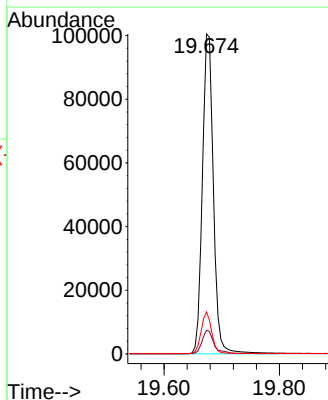
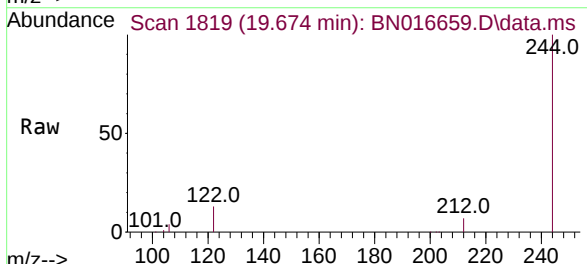
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210917

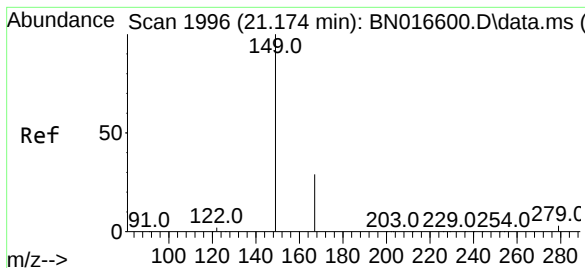
Tgt Ion:240 Resp: 134314
Ion Ratio Lower Upper
240 100
120 10.6 5.0 7.4#
236 26.4 20.4 30.6



#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.674 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:244 Resp: 132809
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.1 10.1 15.1

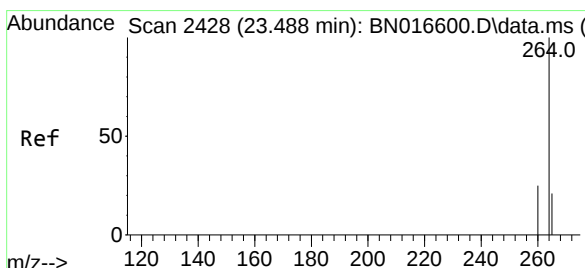
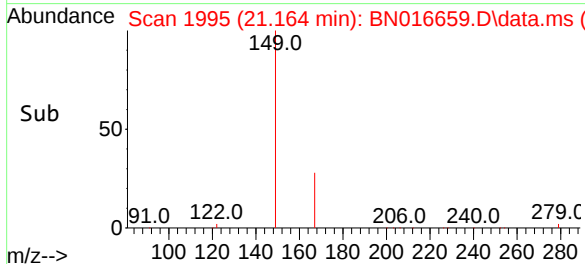
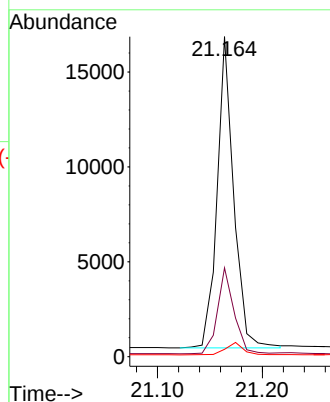
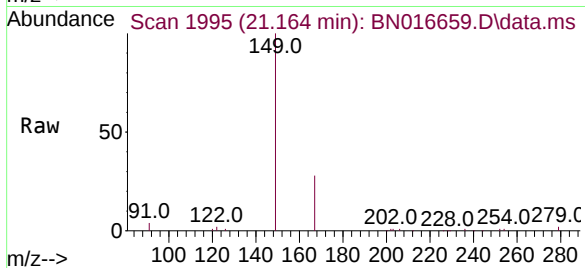




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Instrument :
BNA_N
ClientSampleId :
RE108D2-20210917

Tgt Ion:	149	Resp:	17953
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.2	33.4
279	4.4	3.2	4.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:	264	Resp:	139014
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	22.9	19.2	28.8

