

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014996.D
 Acq On : 23 Jun 2021 07:32
 Operator : CG/JU
 Sample : M2750-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178D-20210616

Quant Time: Jun 23 09:10:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 17 01:26:44 2021
 Response via : Initial Calibration

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

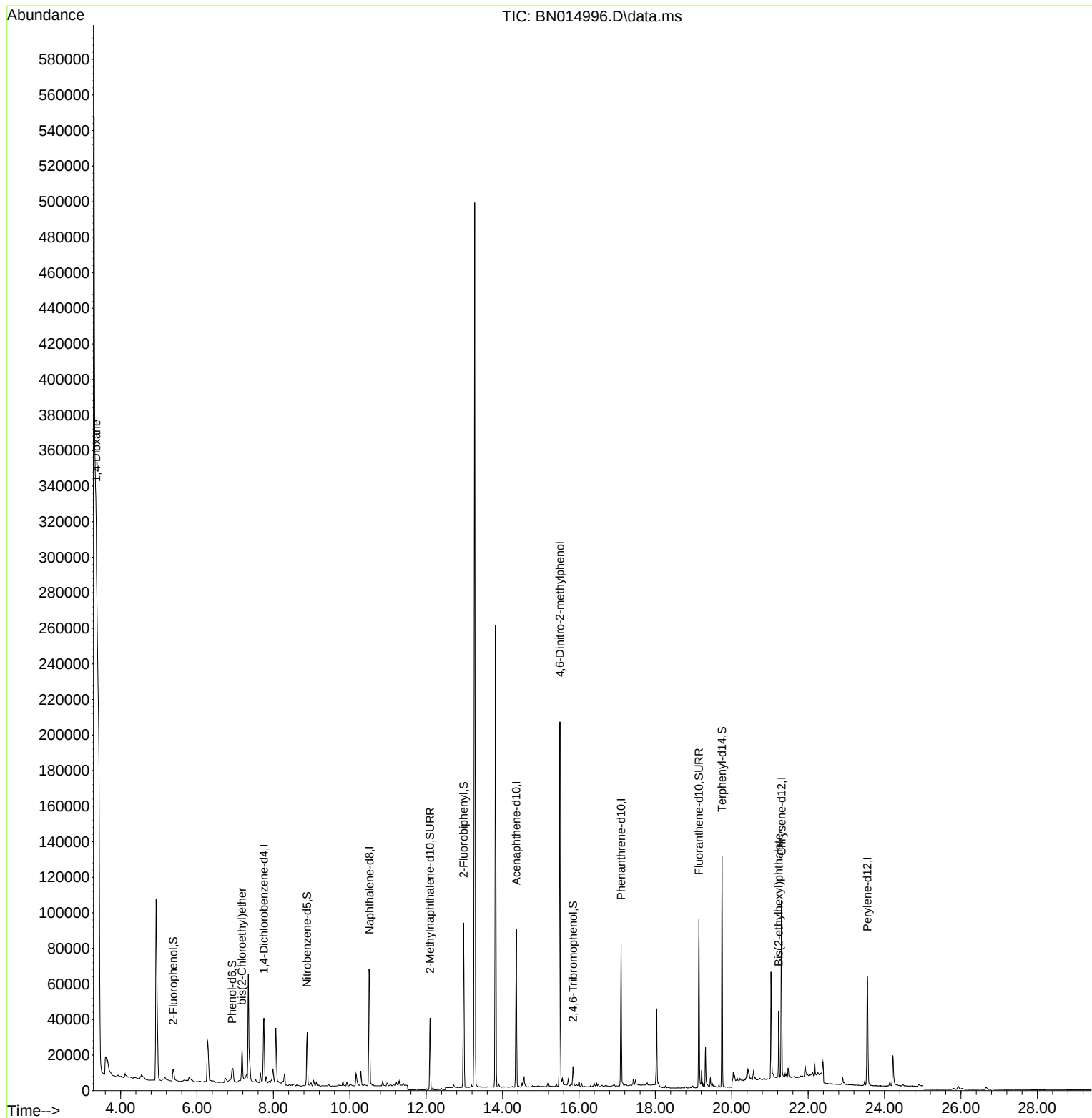
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	21079	0.40	ng	#-0.01
7) Naphthalene-d8	10.518	136	95540	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	51065	0.40	ng	-0.01
19) Phenanthrene-d10	17.104	188	100384	0.40	ng	#-0.01
29) Chrysene-d12	21.303	240	91984	0.40	ng	#-0.02
35) Perylene-d12	23.551	264	82462	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9375	0.14	ng	0.00
5) Phenol-d6	6.920	99	6580	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	25419	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.102	152	52263	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	8084	0.34	ng	-0.02
15) 2-Fluorobiphenyl	12.976	172	80487	0.41	ng	-0.02
27) Fluoranthene-d10	19.138	212	104334	0.33	ng	-0.02
31) Terphenyl-d14	19.744	244	125602	0.55	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.361	88	31639	3.58	ng	# 75
6) bis(2-Chloroethyl)ether	7.179	93	15038	0.23	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.500	198	521	0.19	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	33646	0.14	ng	# 89

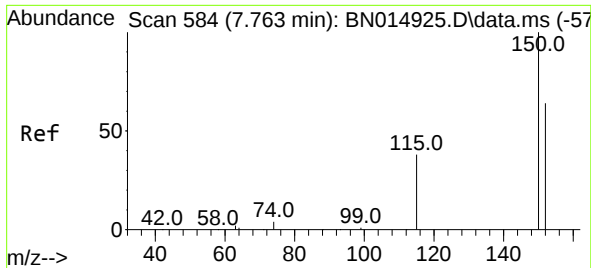
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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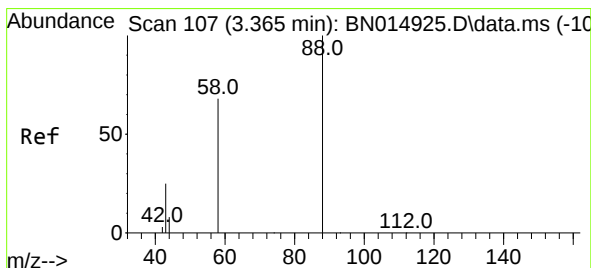
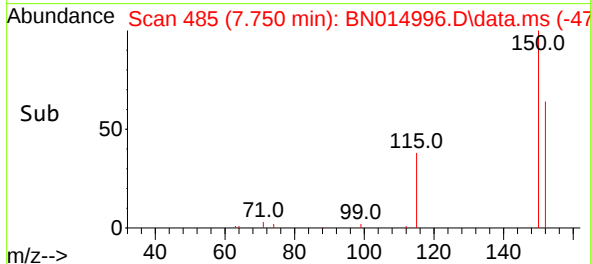
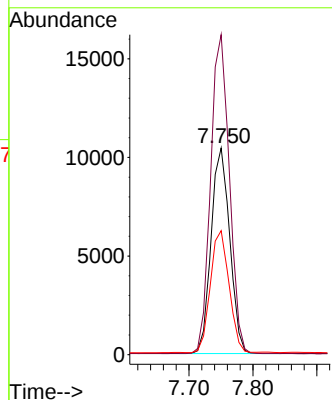
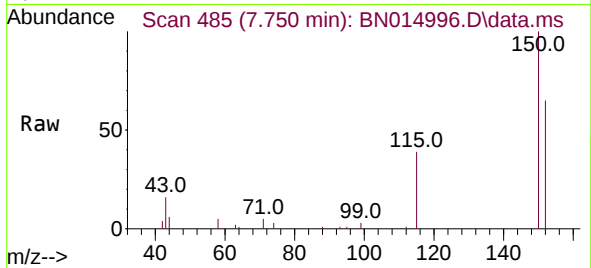




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN014996.D
 Acq: 23 Jun 2021 07:32

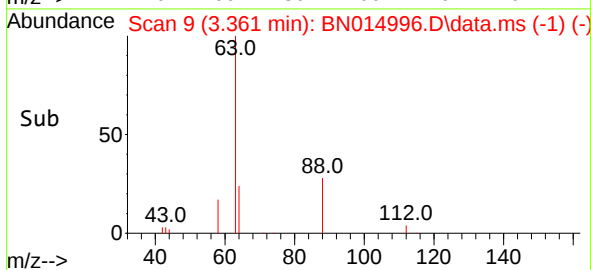
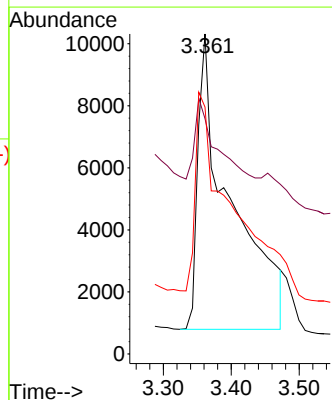
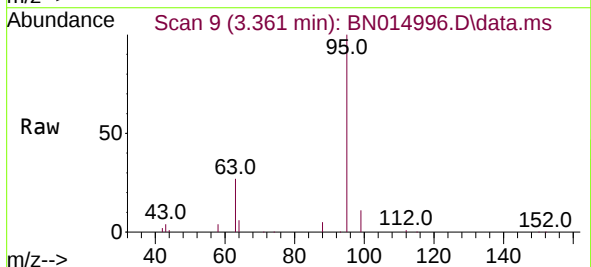
Instrument :
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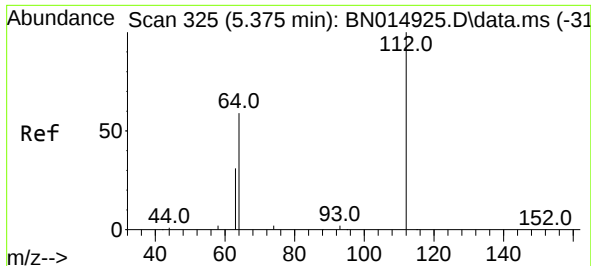
Tgt Ion: 152 Resp: 21079
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.0 178.6
 115 60.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 3.58 ng
 RT: 3.361 min Scan# 9
 Delta R.T. -0.003 min
 Lab File: BN014996.D
 Acq: 23 Jun 2021 07:32

Tgt Ion: 88 Resp: 31639
 Ion Ratio Lower Upper
 88 100
 43 16.7 12.9 19.3
 58 69.8 38.1 57.1#

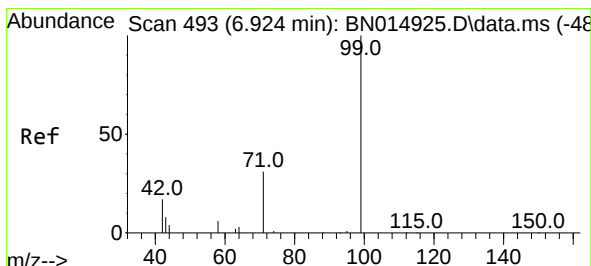
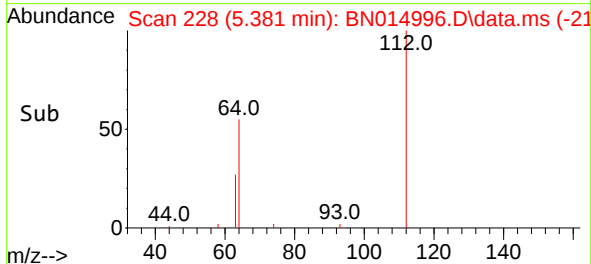
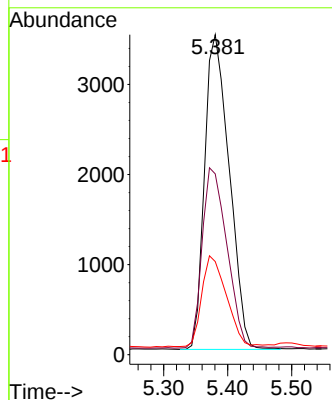
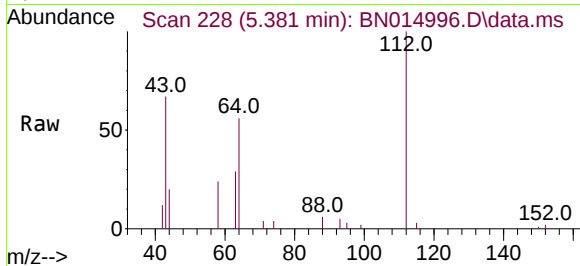




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

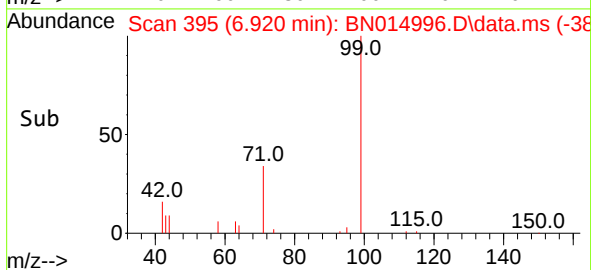
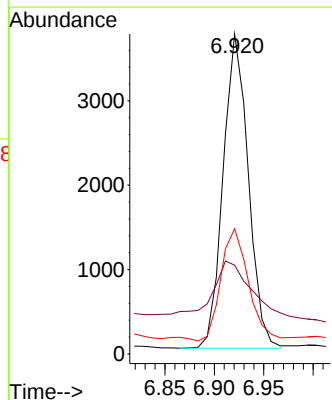
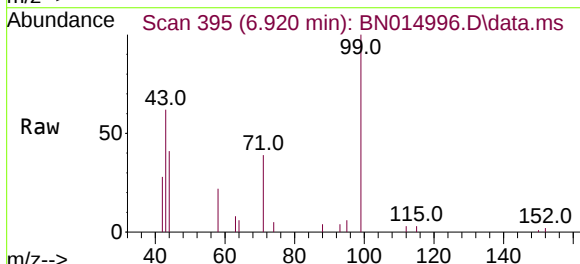
Instrument :
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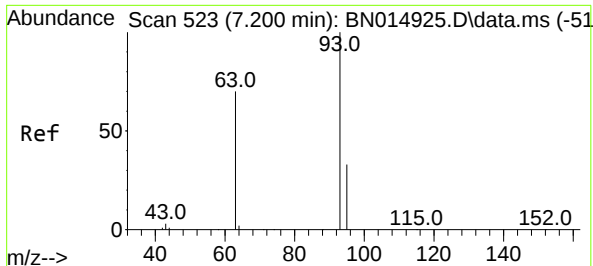
Tgt Ion:112 Resp: 9375
Ion Ratio Lower Upper
112 100
64 57.6 39.0 58.6
63 29.1 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.003 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion: 99 Resp: 6580
Ion Ratio Lower Upper
99 100
42 25.3 8.9 13.3#
71 39.1 35.6 53.4

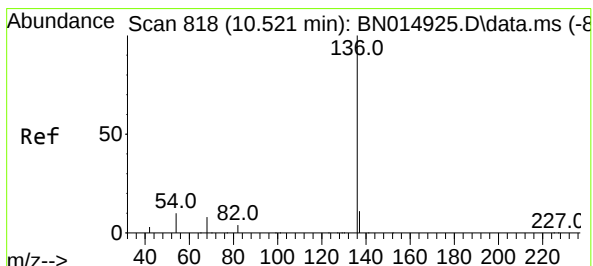
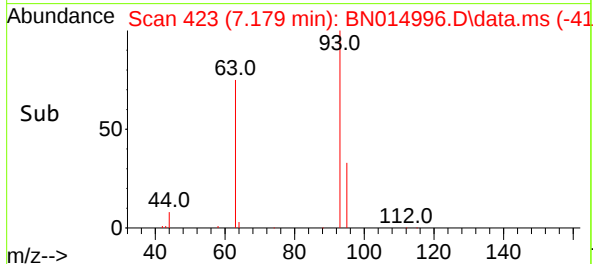
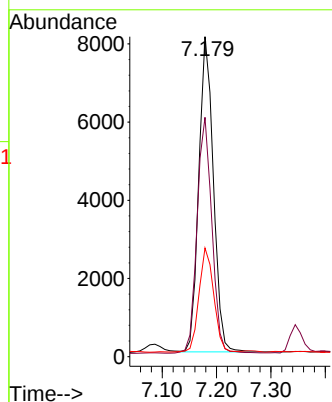
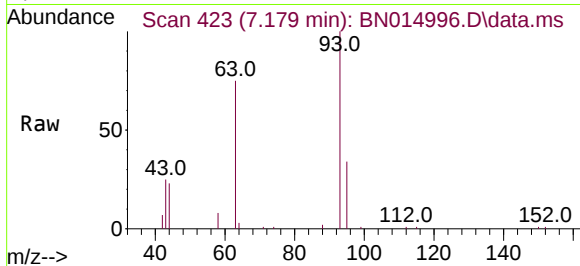




#6
bis(2-Chloroethyl)ether
Concen: 0.23 ng
RT: 7.179 min Scan# 423
Delta R.T. -0.022 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

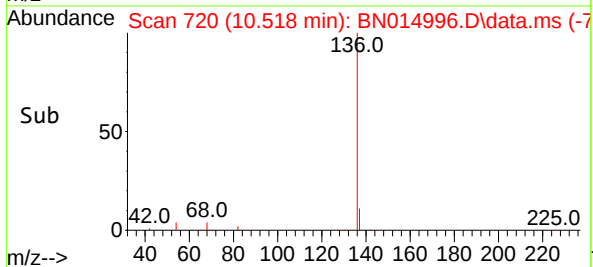
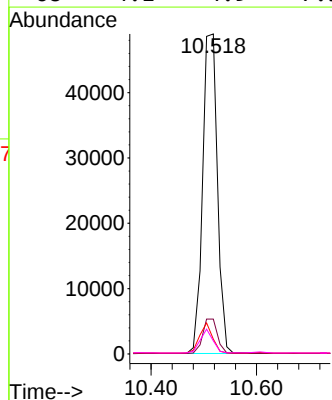
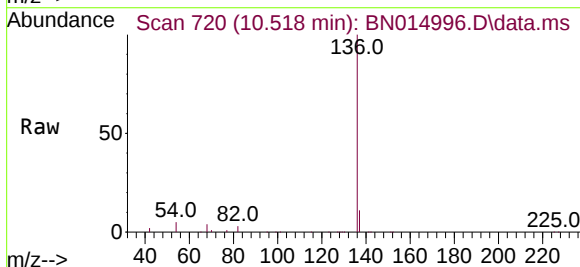
Instrument :
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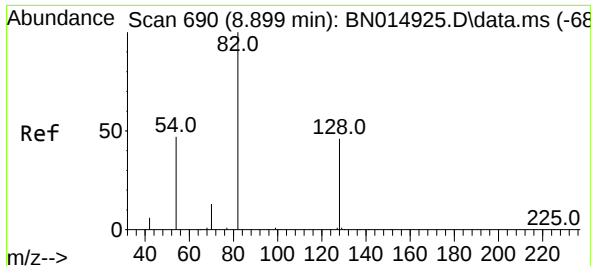
Tgt Ion: 93 Resp: 15038
Ion Ratio Lower Upper
93 100
63 76.1 46.6 70.0#
95 33.4 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 720
Delta R.T. -0.003 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion: 136 Resp: 95540
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 4.6 5.4 8.2#
68 4.1 4.9 7.3#

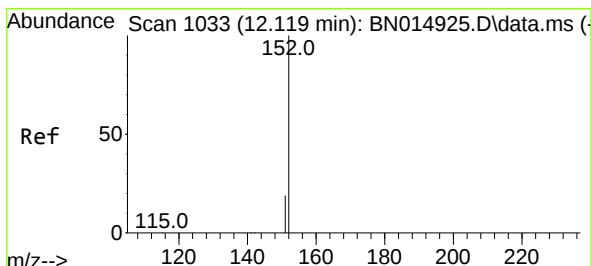
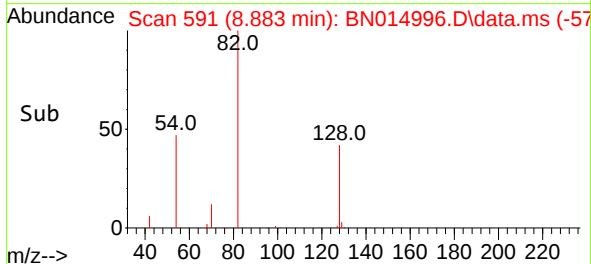
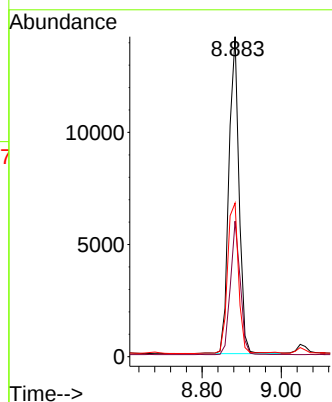
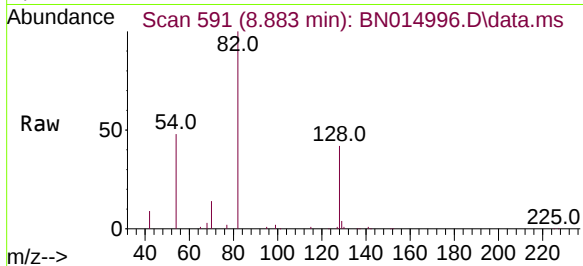




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

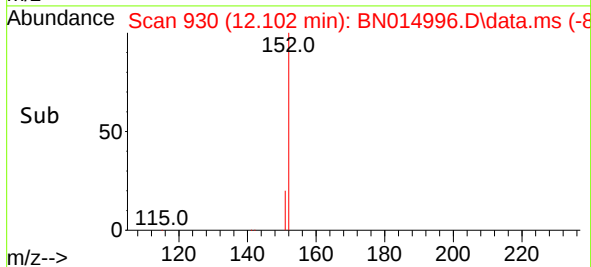
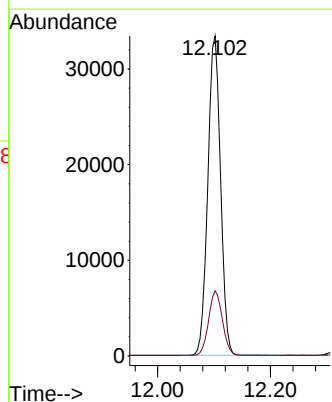
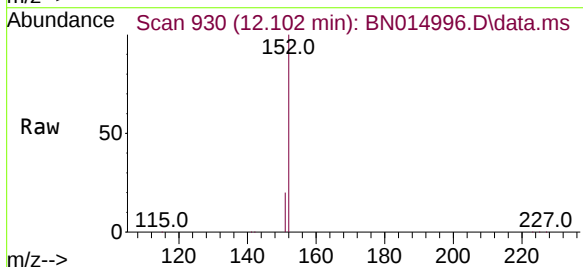
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MW178D-20210616

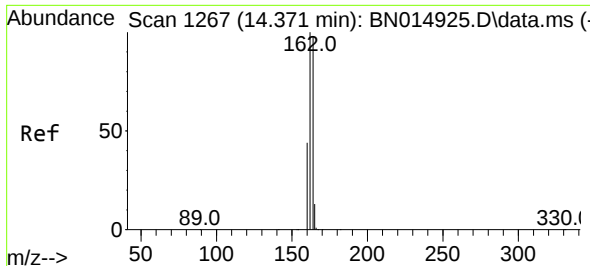
Tgt Ion: 82 Resp: 25419
Ion Ratio Lower Upper
82 100
128 42.4 31.6 47.4
54 48.0 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.102 min Scan# 930
Delta R.T. -0.017 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion: 152 Resp: 52263
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1

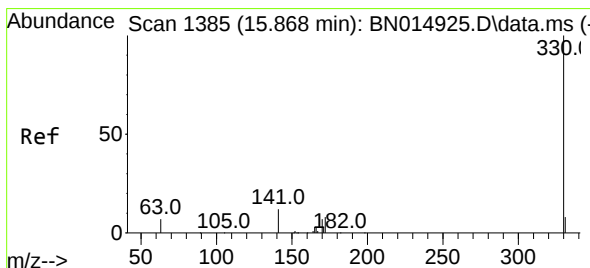
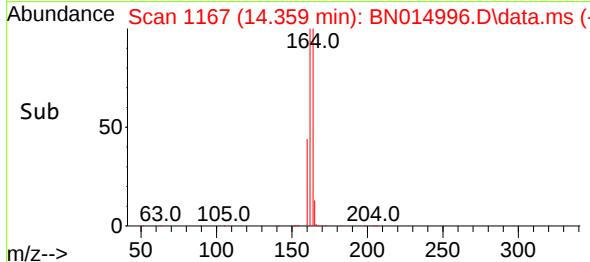
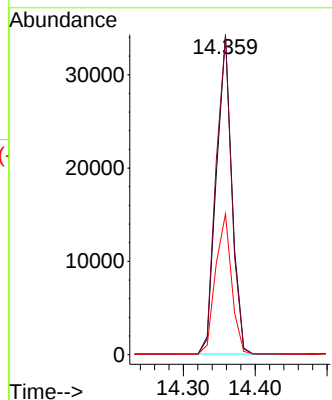
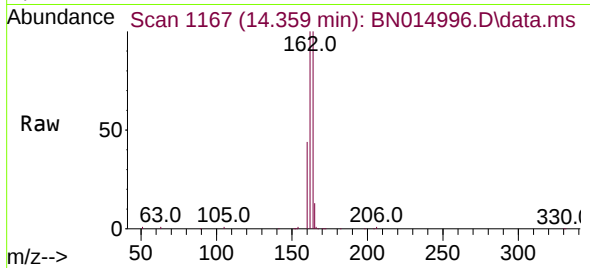




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

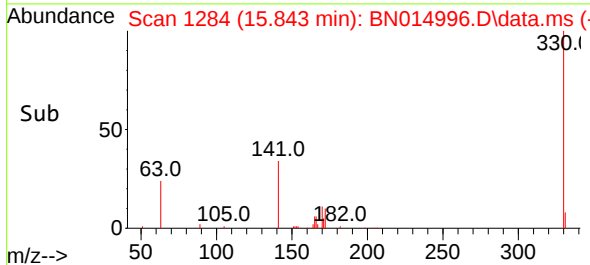
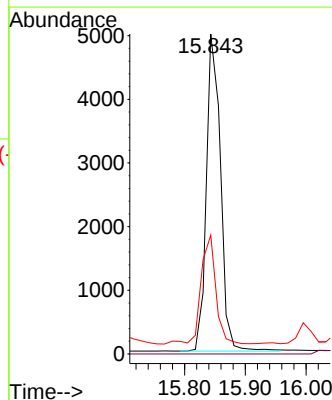
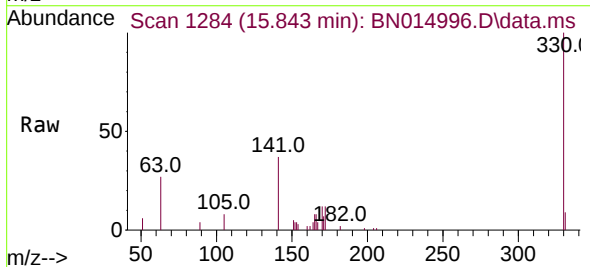
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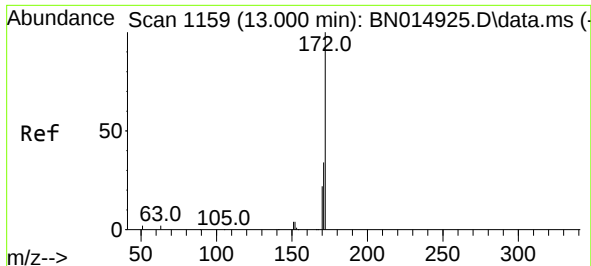
Tgt Ion:164 Resp: 51065
Ion Ratio Lower Upper
164 100
162 99.7 83.8 125.6
160 44.0 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.025 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:330 Resp: 8084
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.9 22.4 33.6#

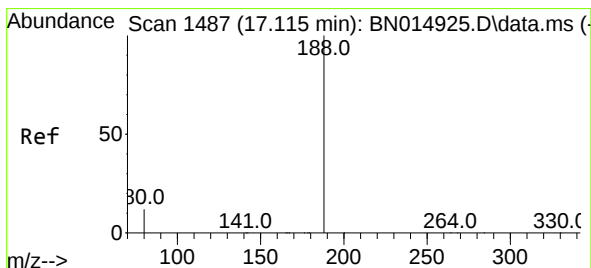
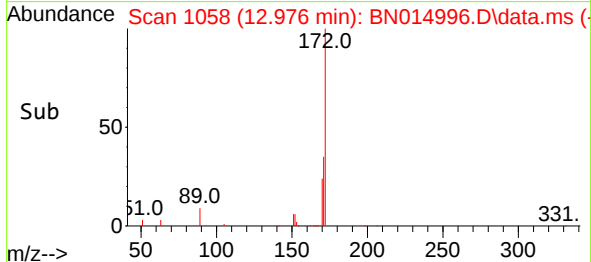
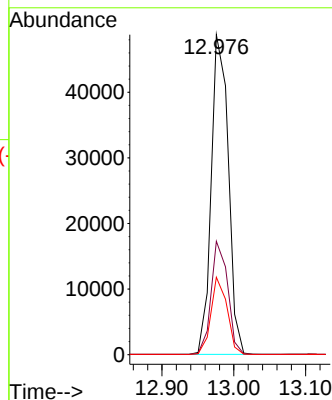
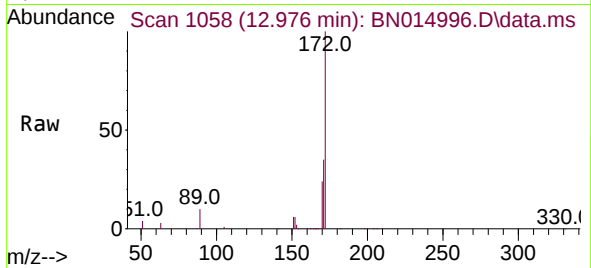




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.025 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

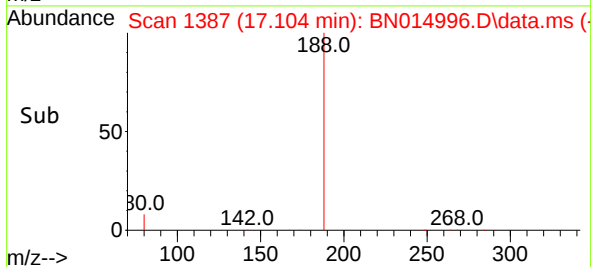
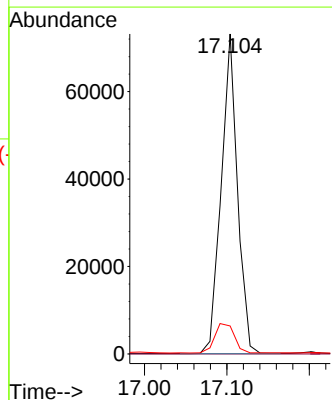
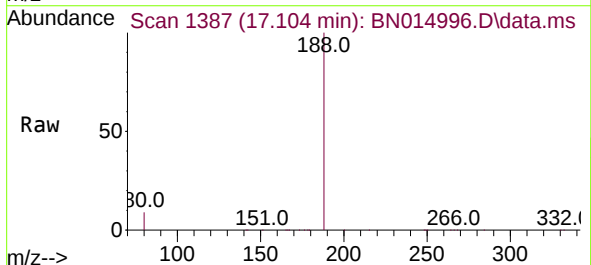
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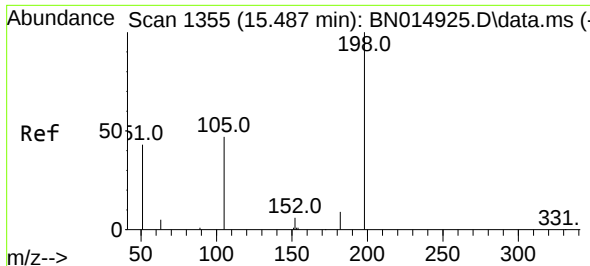
Tgt Ion:172 Resp: 80487
Ion Ratio Lower Upper
172 100
171 35.5 30.6 45.8
170 24.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:188 Resp: 100384
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 9.0 13.4#

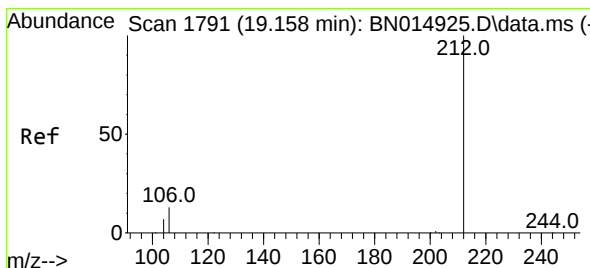
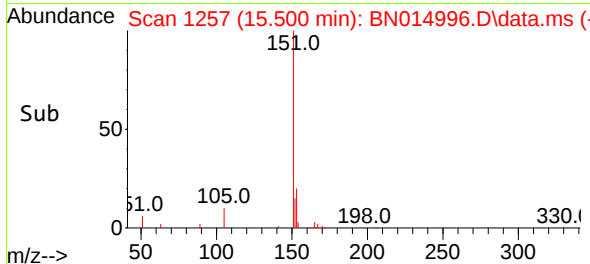
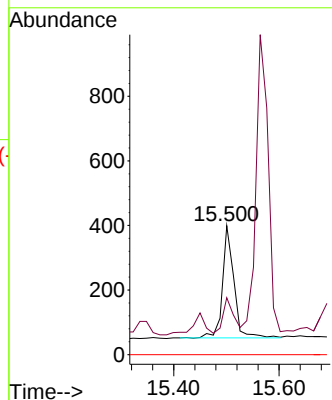
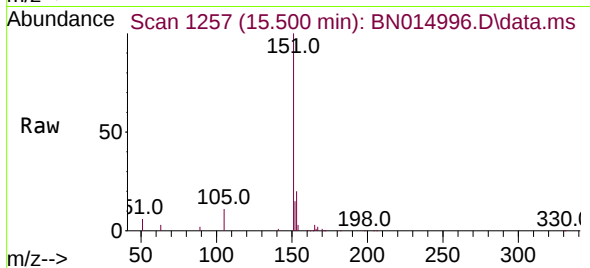




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.500 min Scan# 1257
Delta R.T. 0.013 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

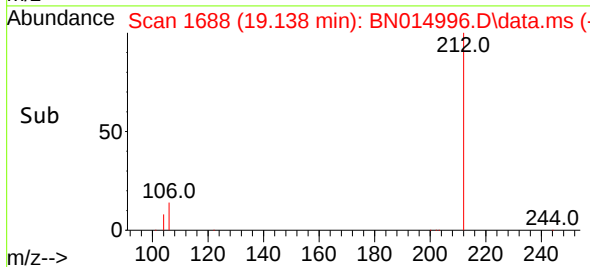
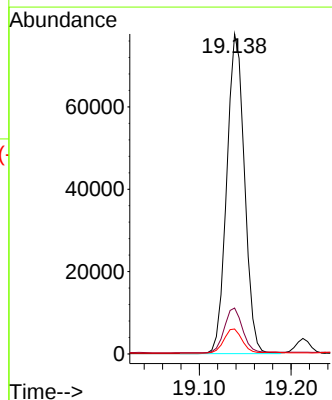
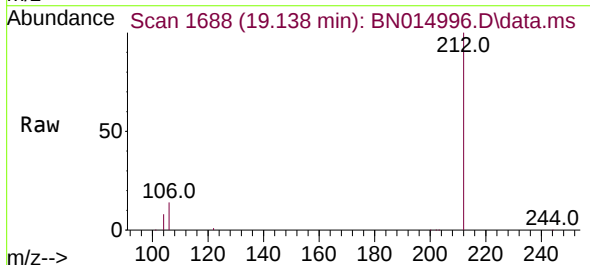
Instrument :
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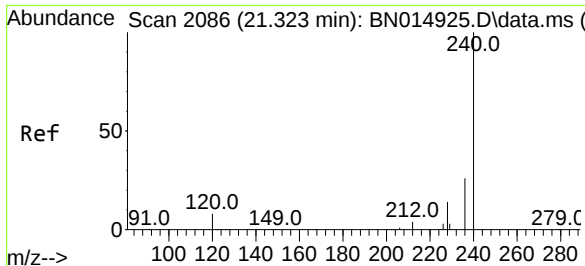
Tgt Ion:198 Resp: 521
Ion Ratio Lower Upper
198 100
182 44.1 34.5 51.7
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.019 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:212 Resp: 104334
Ion Ratio Lower Upper
212 100
106 14.8 7.0 10.6#
104 7.8 4.1 6.1#

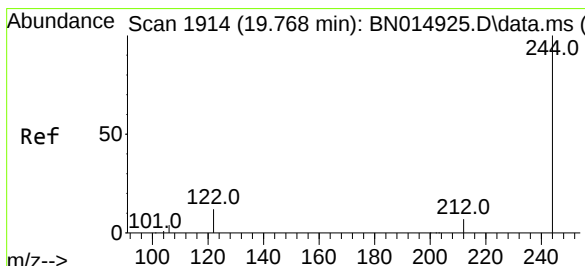
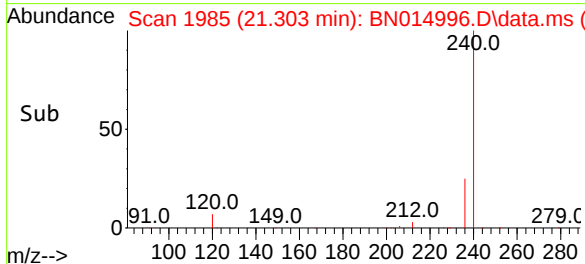
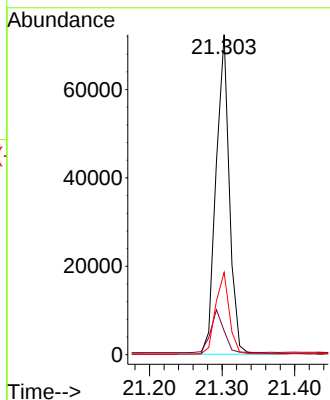
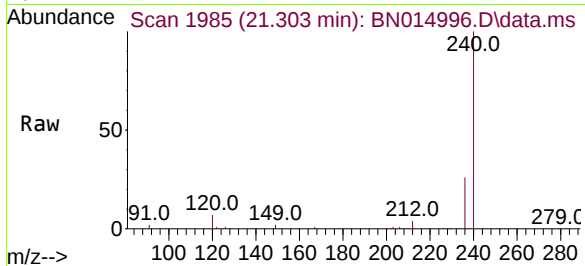




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

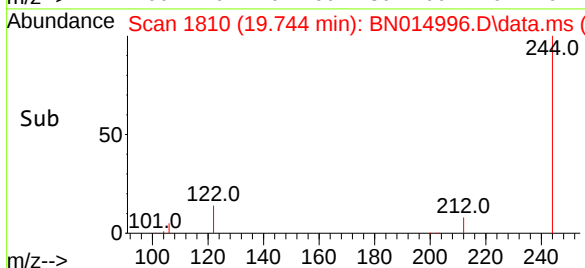
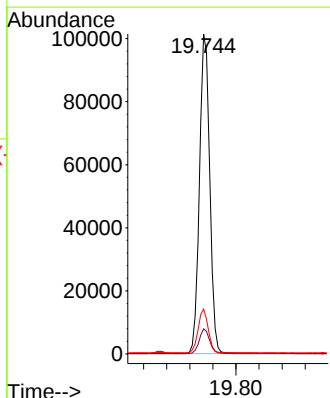
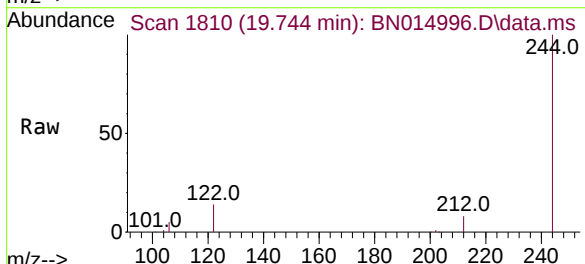
Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

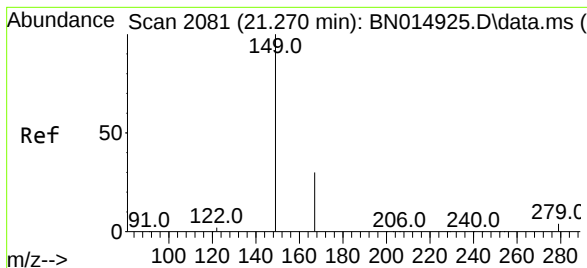
Tgt Ion:240 Resp: 91984
Ion Ratio Lower Upper
240 100
120 7.5 4.2 6.4#
236 25.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:244 Resp: 125602
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.1 6.2 9.2#

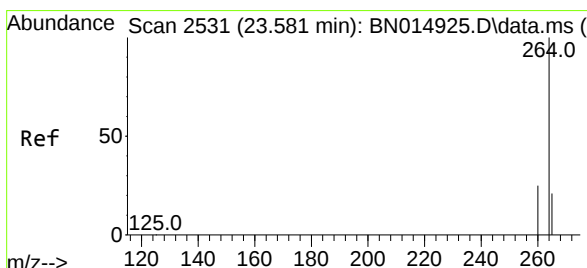
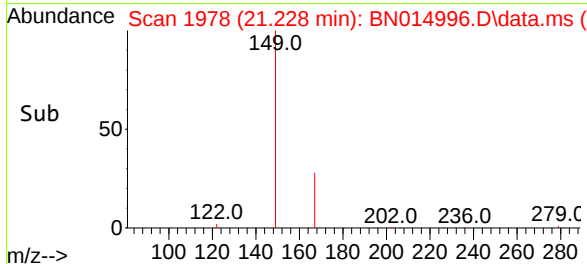
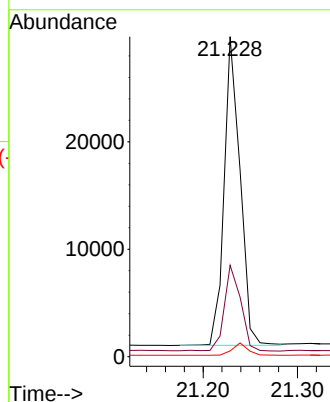
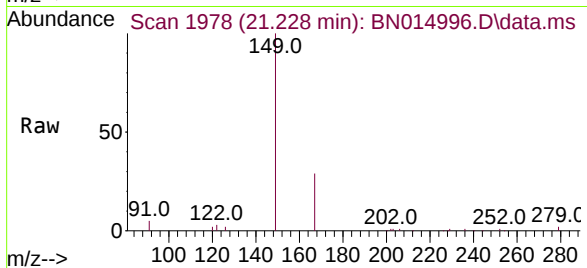




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.042 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Instrument :
BNA_N
ClientSampleId :
MW178D-20210616

Tgt Ion:149 Resp: 33646
Ion Ratio Lower Upper
149 100
167 28.9 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2423
Delta R.T. -0.030 min
Lab File: BN014996.D
Acq: 23 Jun 2021 07:32

Tgt Ion:264 Resp: 82462
Ion Ratio Lower Upper
264 100
260 24.7 20.6 31.0
265 24.1 21.4 32.2

