

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014110.D
 Acq On : 25 Mar 2021 17:25
 Operator : CG/JU
 Sample : M1788-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210322

Quant Time: Mar 25 18:10:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

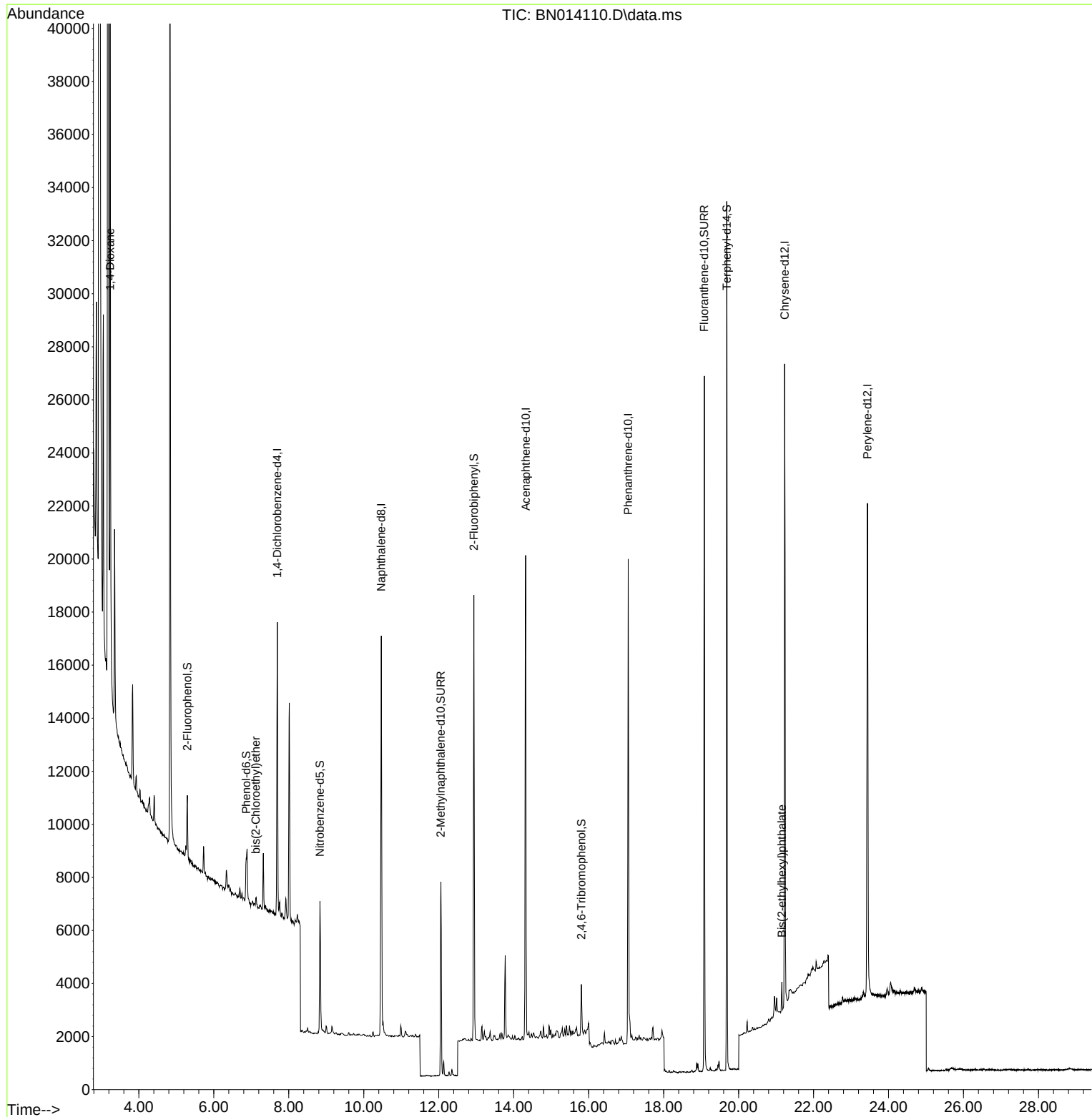
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	4941	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19101	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11100	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	23478	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	23339	0.40	ng	-0.01
36) Perylene-d12	23.438	264	23803	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1876	0.17	ng	0.00
5) Phenol-d6	6.863	99	1361	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	4095	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	9847	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1402	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14178	0.34	ng	-0.01
27) Fluoranthene-d10	19.084	212	28815	0.44	ng	0.00
31) Terphenyl-d14	19.685	244	32179	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	19596	3.01	ng	# 96
6) bis(2-Chloroethyl)ether	7.120	93	335	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	1120	0.05	ng	# 92

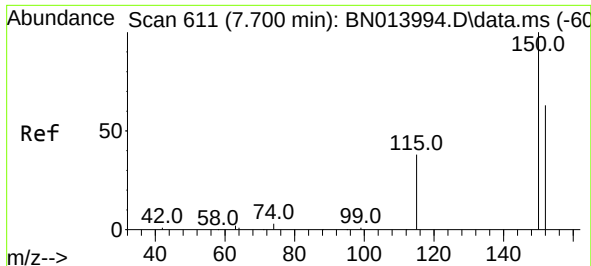
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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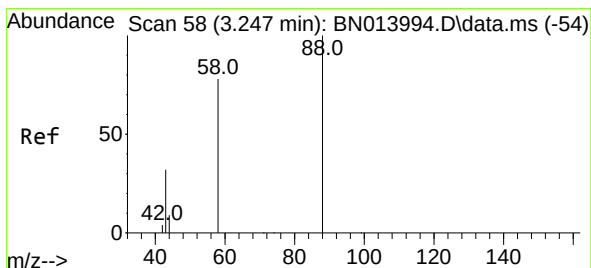
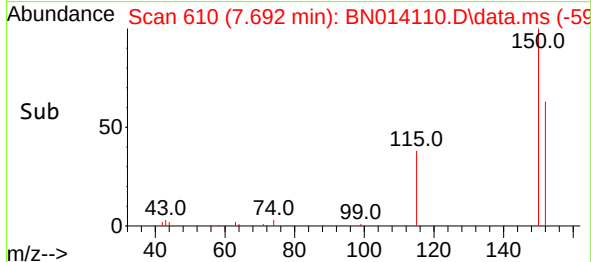
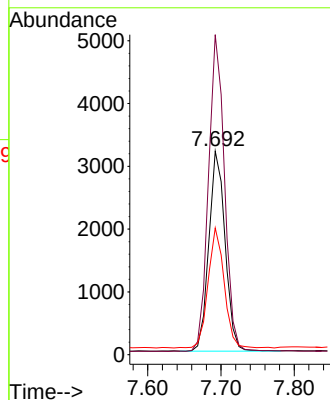
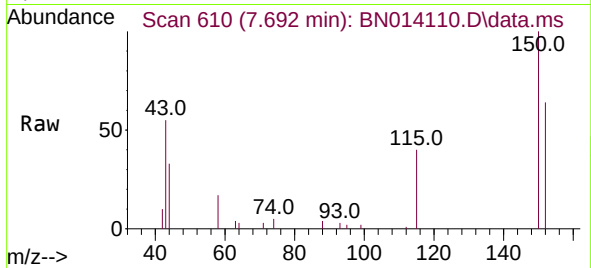




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014110.D
 Acq: 25 Mar 2021 17:25

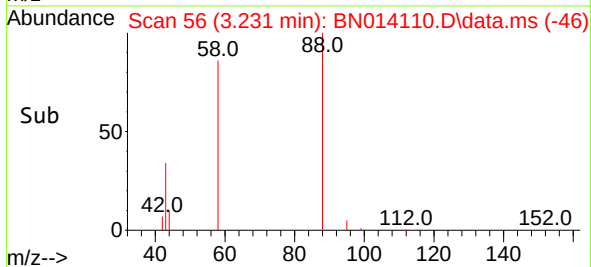
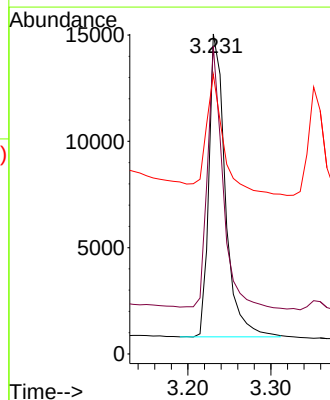
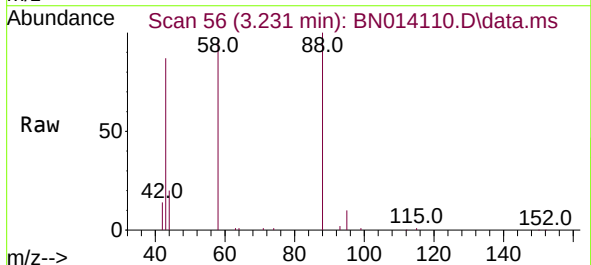
Instrument :
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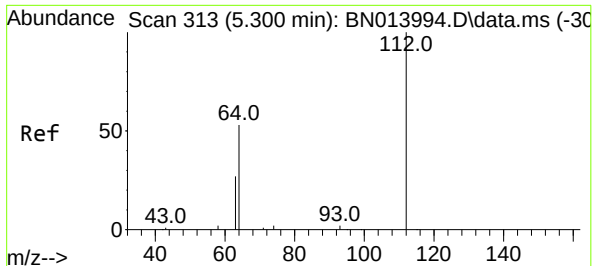
Tgt Ion: 152 Resp: 4941
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.8 182.8
 115 62.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 3.01 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014110.D
 Acq: 25 Mar 2021 17:25

Tgt Ion: 88 Resp: 19596
 Ion Ratio Lower Upper
 88 100
 58 80.9 64.6 96.8
 43 41.7 26.6 40.0#

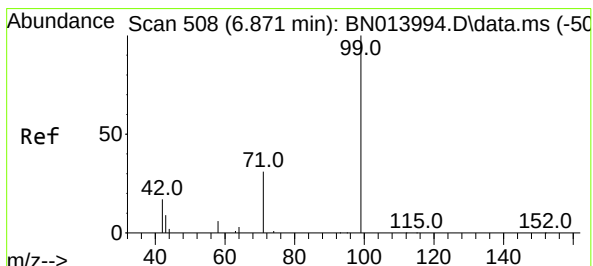
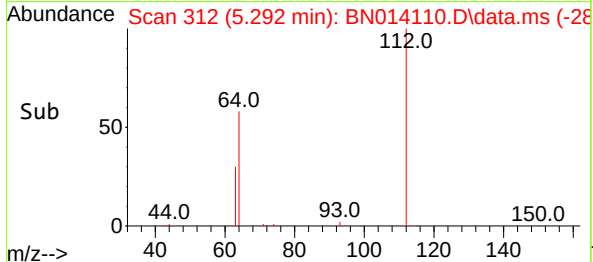
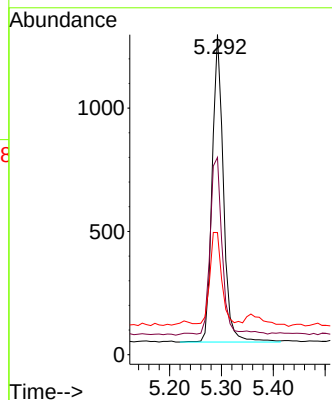
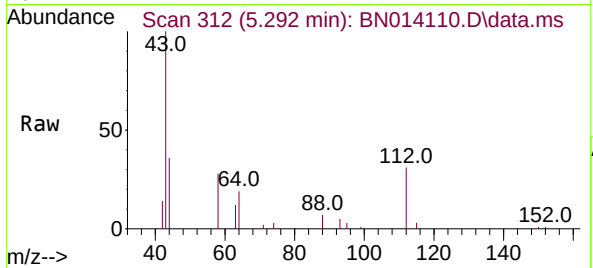




#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

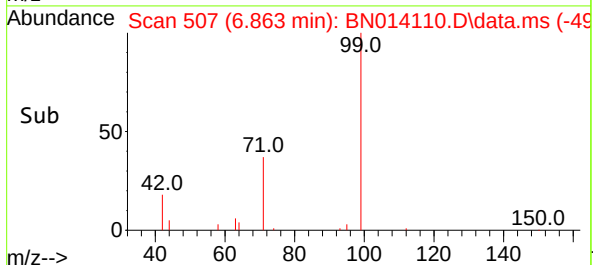
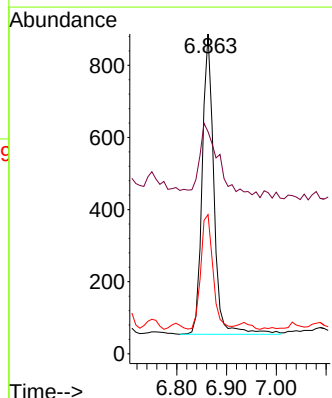
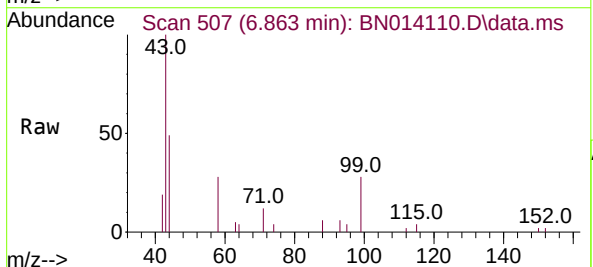
Instrument :
BNA_N
ClientSampleId :
RE105D1-20210322

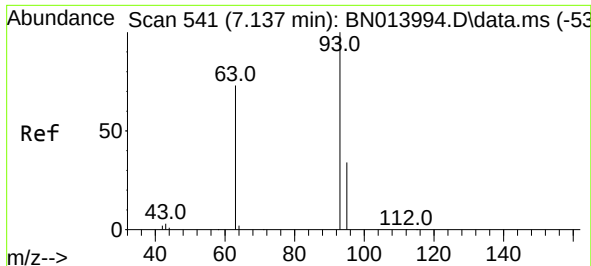
Tgt Ion:112 Resp: 1876
Ion Ratio Lower Upper
112 100
64 60.0 44.3 66.5
63 32.4 23.0 34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion: 99 Resp: 1361
Ion Ratio Lower Upper
99 100
42 41.8 15.2 22.8#
71 40.0 26.1 39.1#

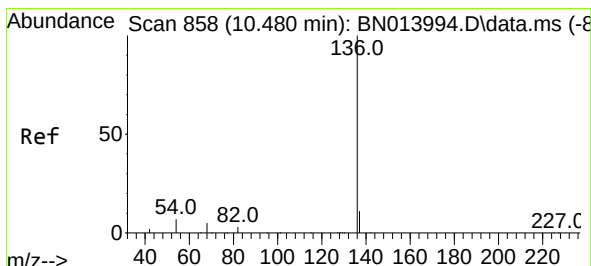
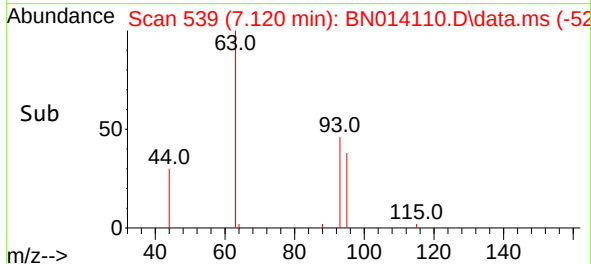
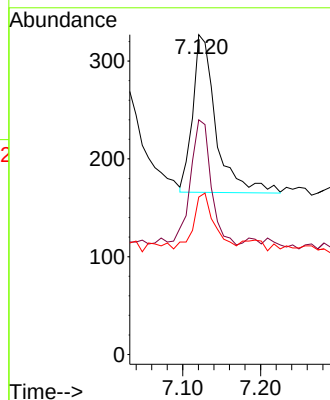
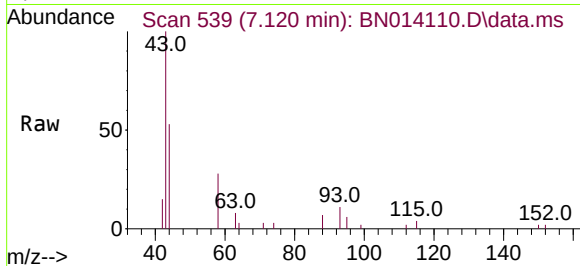




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.008 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

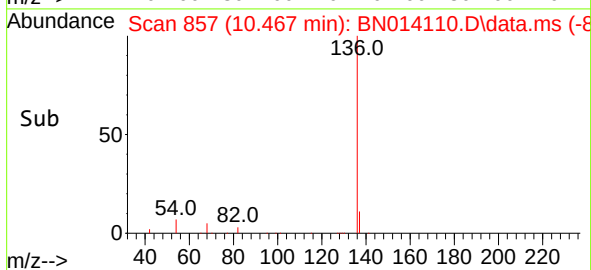
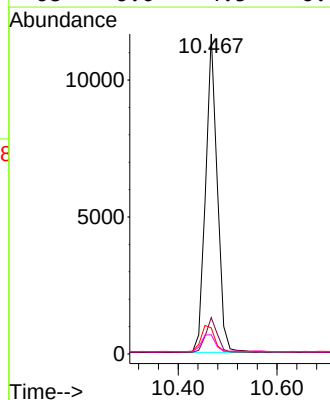
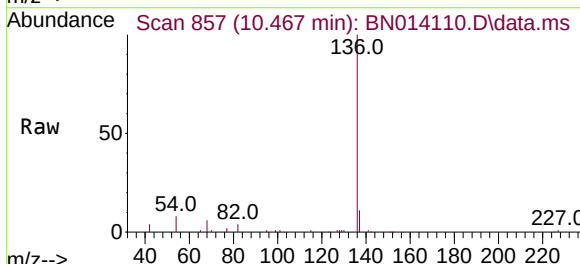
Instrument :
BNA_N
ClientSampleId :
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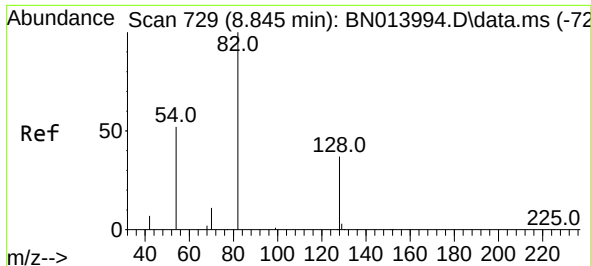
Tgt Ion:	93	Resp:	335
Ion	Ratio	Lower	Upper
93	100		
63	71.9	60.8	91.2
95	34.3	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion:	136	Resp:	19101
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.1	6.4	9.6
68	6.0	4.5	6.7

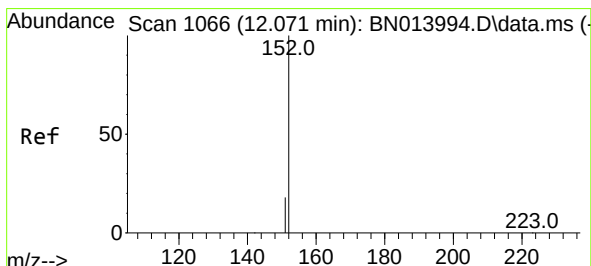
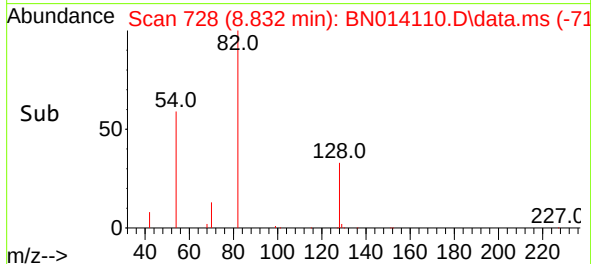
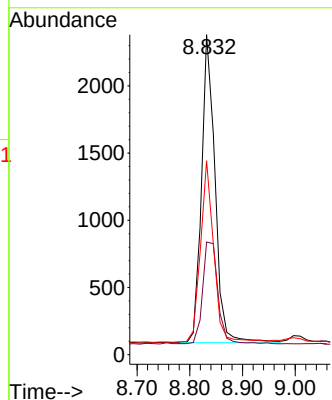
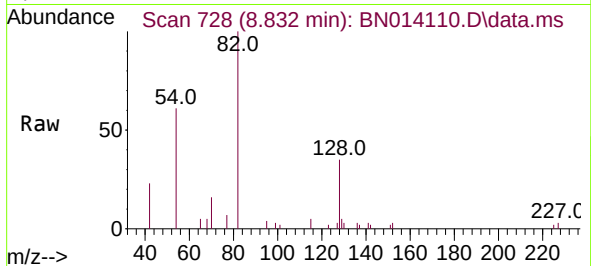




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

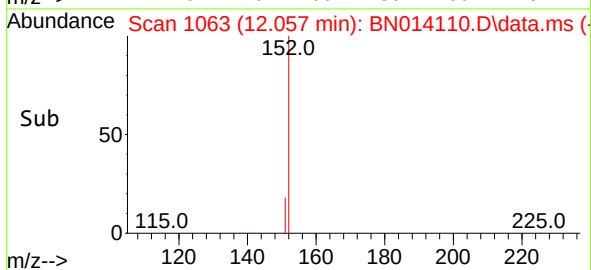
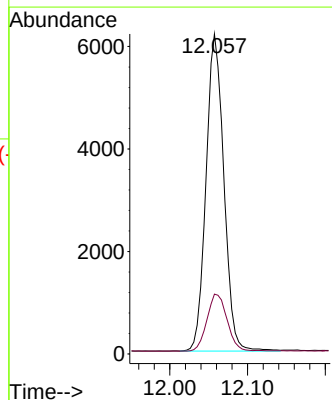
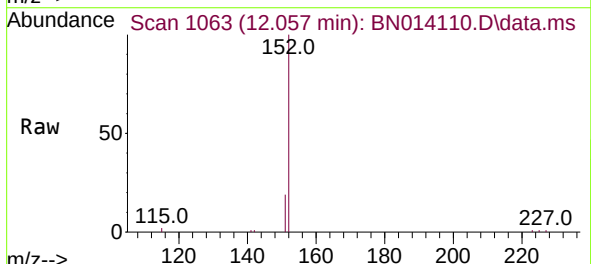
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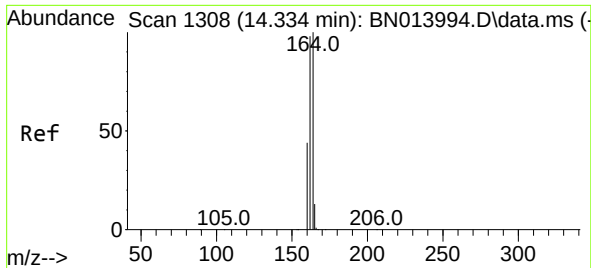
Tgt Ion: 82 Resp: 4095
Ion Ratio Lower Upper
82 100
128 35.2 39.2 58.8#
54 60.6 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion: 152 Resp: 9847
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

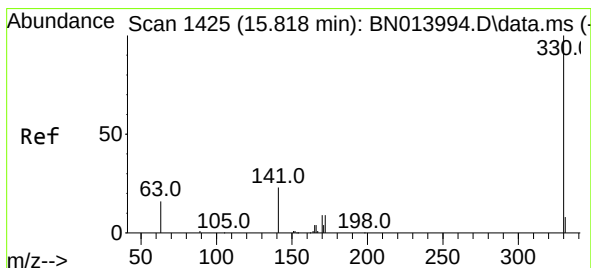
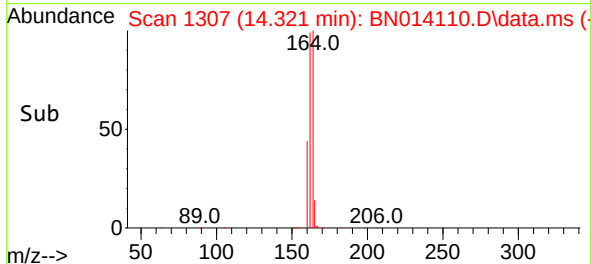
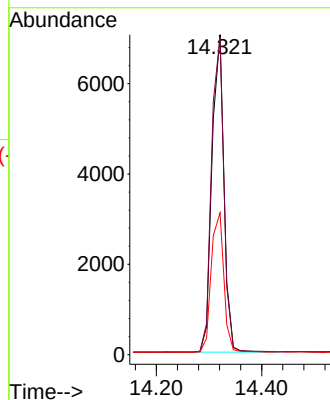
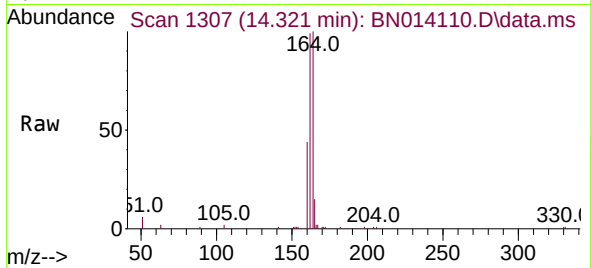




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

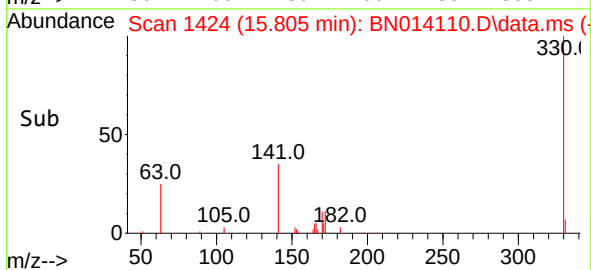
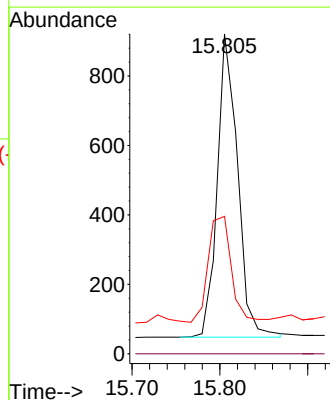
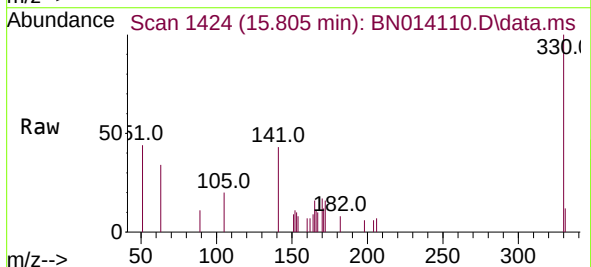
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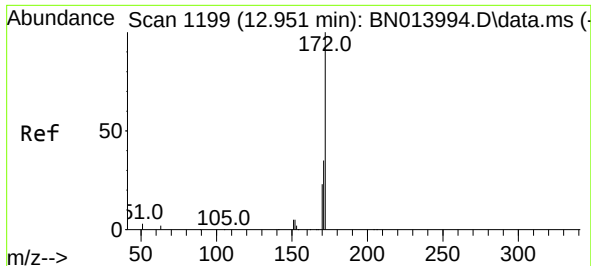
Tgt Ion:164 Resp: 11100
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 44.3 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion:330 Resp: 1402
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 26.8 40.2

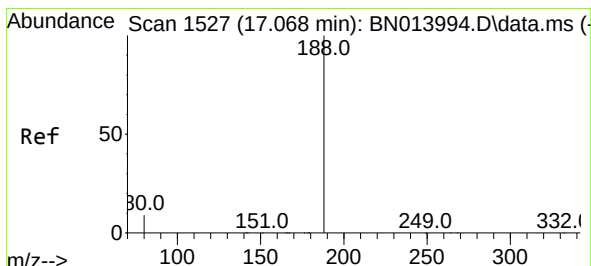
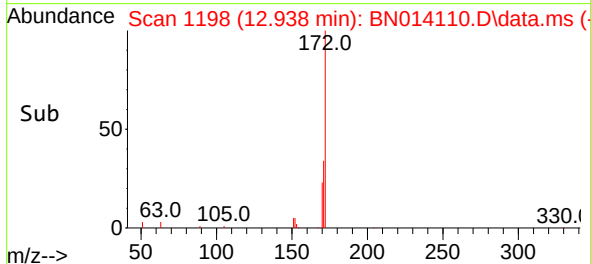
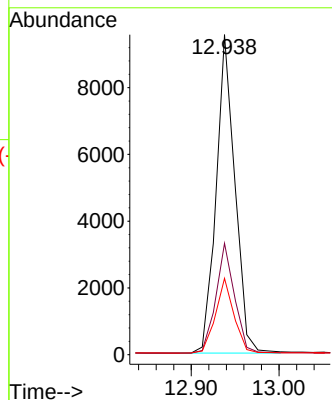
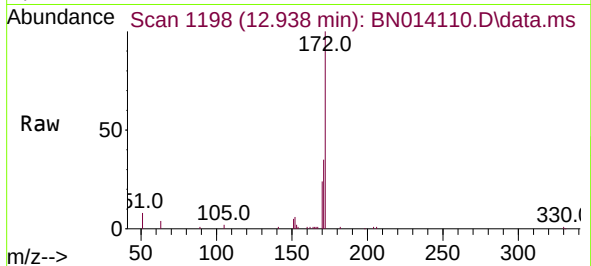




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

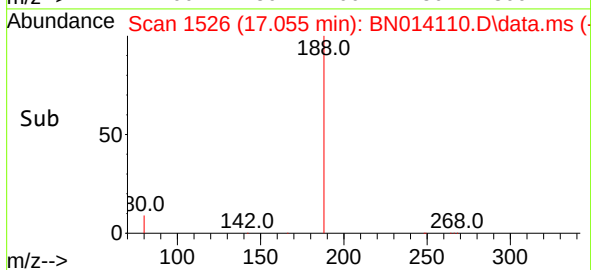
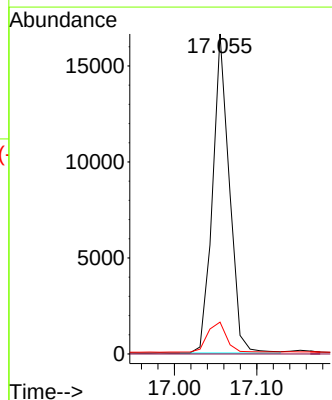
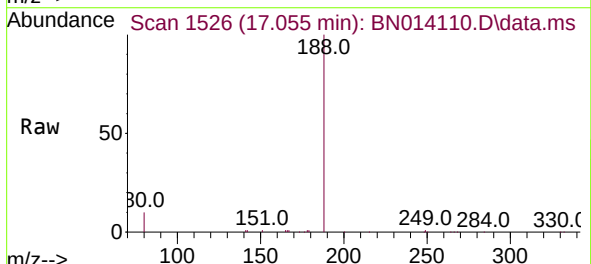
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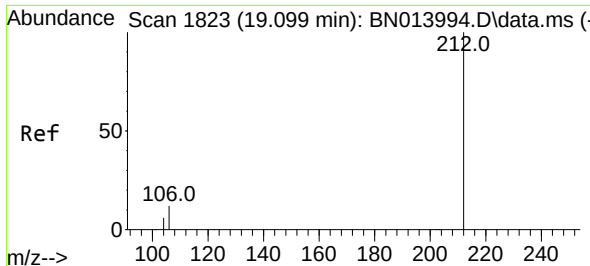
Tgt Ion:172 Resp: 14178
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.9 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion:188 Resp: 23478
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.6

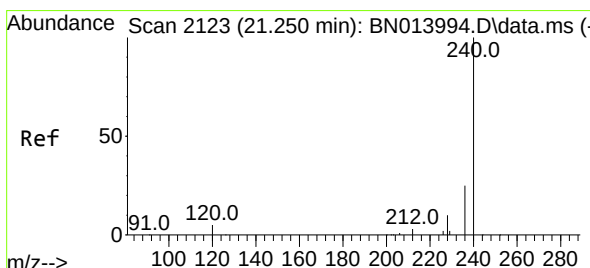
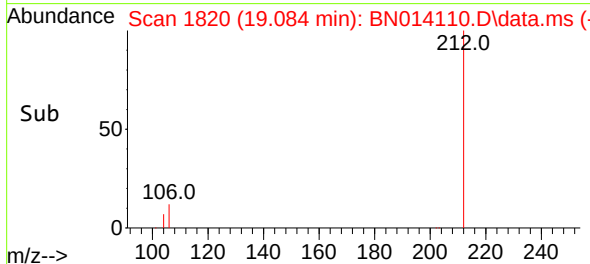
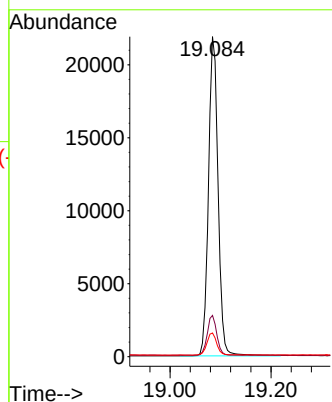
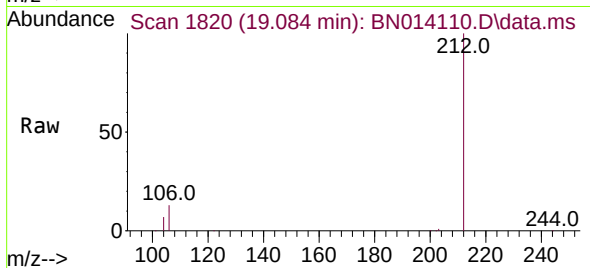




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

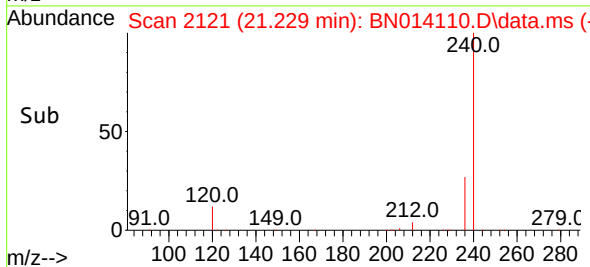
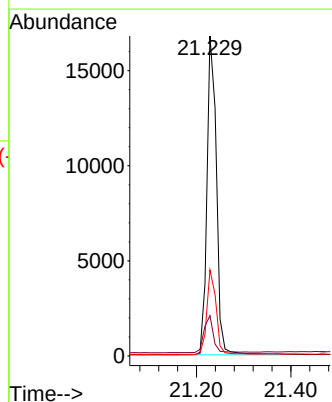
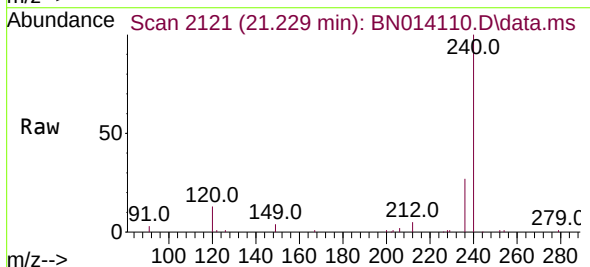
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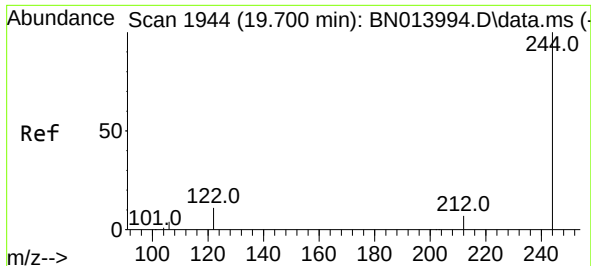
Tgt Ion:212 Resp: 28815
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.1 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014110.D
Acq: 25 Mar 2021 17:25

Tgt Ion:240 Resp: 23339
Ion Ratio Lower Upper
240 100
120 12.6 10.2 15.4
236 26.9 21.3 31.9

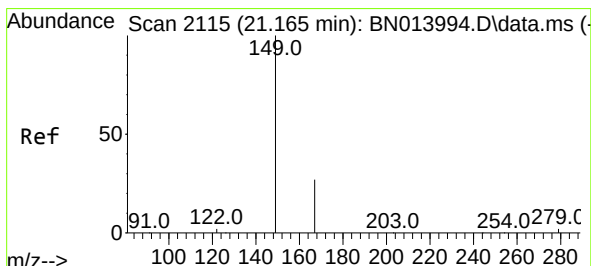
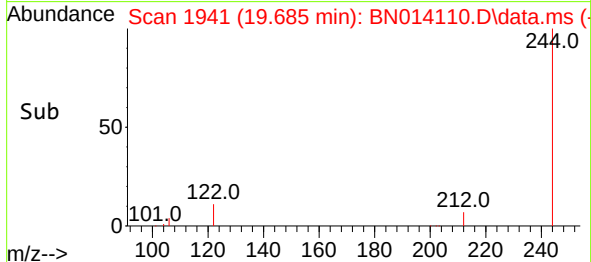
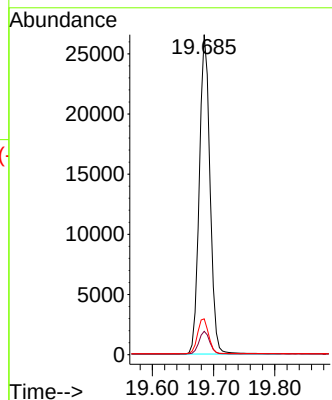
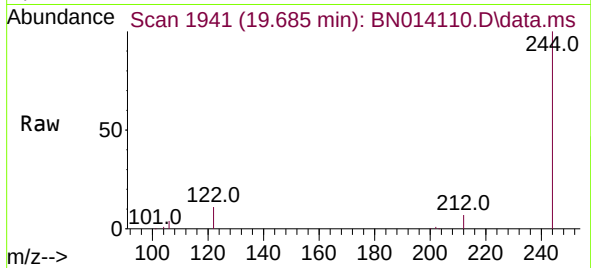




#31
 Terphenyl-d14
 Concen: 0.63 ng
 RT: 19.685 min Scan# 1941
 Delta R.T. -0.005 min
 Lab File: BN014110.D
 Acq: 25 Mar 2021 17:25

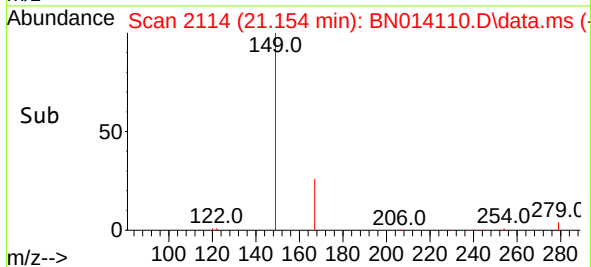
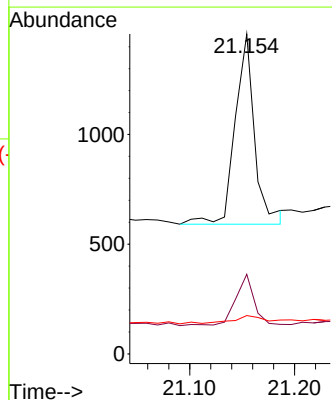
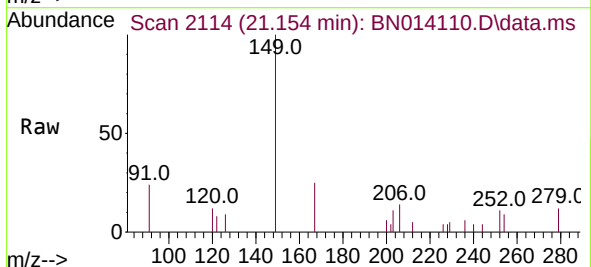
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210322

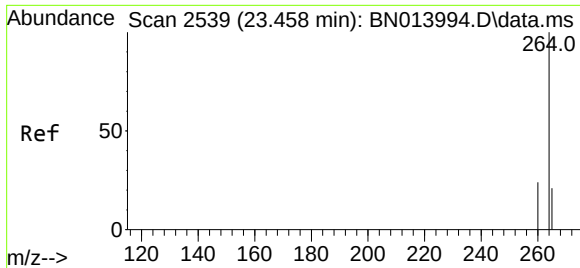
Tgt Ion:244 Resp: 32179
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.2 9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014110.D
 Acq: 25 Mar 2021 17:25

Tgt Ion:149 Resp: 1120
 Ion Ratio Lower Upper
 149 100
 167 23.9 22.1 33.1
 279 8.0 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014110.D
 Acq: 25 Mar 2021 17:25

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20210322

Tgt Ion:264	Resp:	23803
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	33.5	66.2 99.4#

