

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019115.D
 Acq On : 24 Mar 2022 06:56
 Operator : CG/JU
 Sample : N2074-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20220321

Quant Time: Mar 24 08:17:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

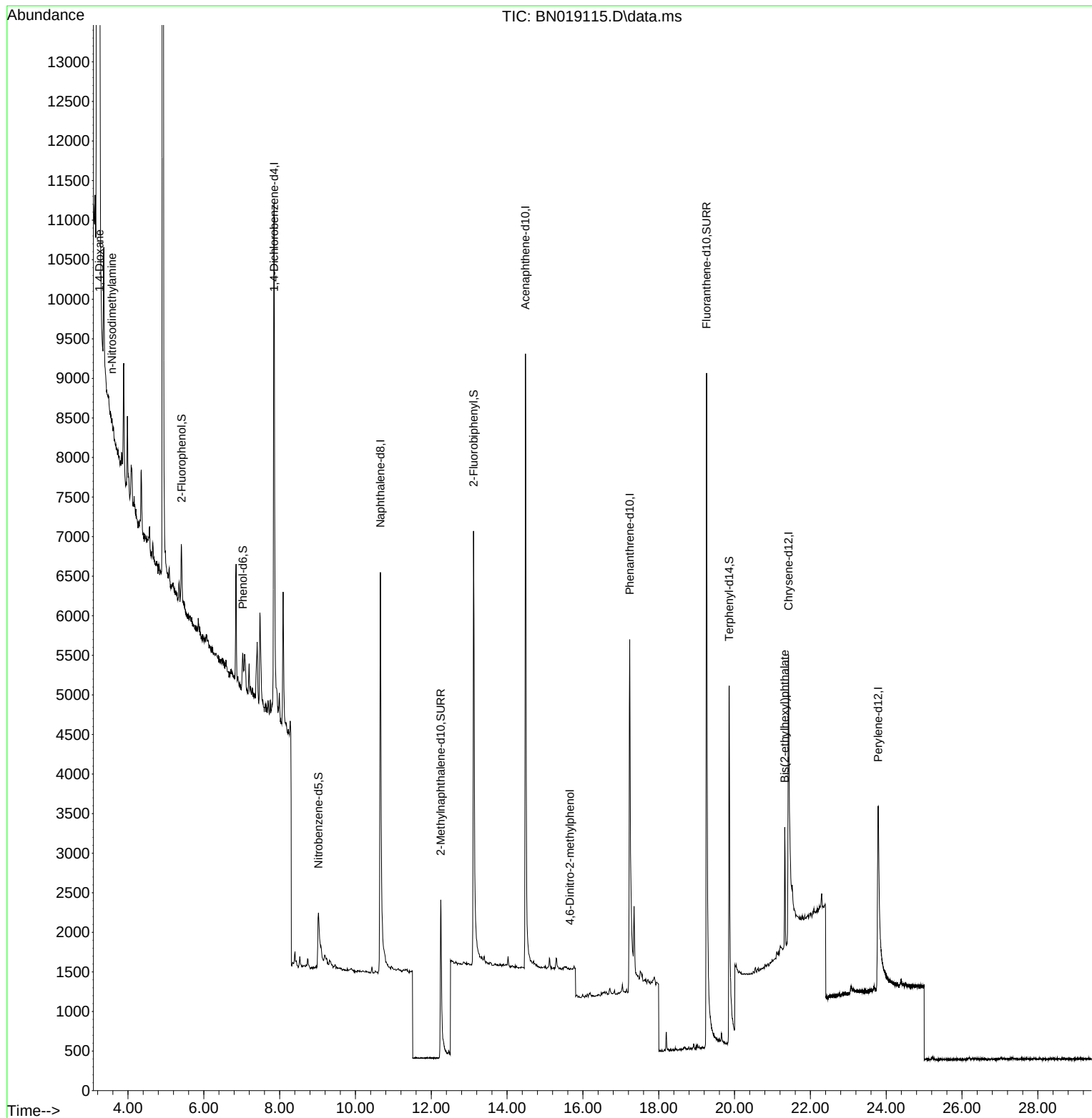
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3685	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9458	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5544	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10655	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8066	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	6336	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	862	0.104	ng	0.00
5) Phenol-d6	7.031	99	337	0.039	ng	0.02
8) Nitrobenzene-d5	9.025	82	1480	0.217	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4299	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	17	0.006	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6428	0.289	ng	-0.01
27) Fluoranthene-d10	19.261	212	14513	0.459	ng	0.00
31) Terphenyl-d14	19.860	244	8378	0.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	15351	3.371	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.579	42	124	0.023	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.660	198	1	0.110	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	1478	0.090	ng	# 95

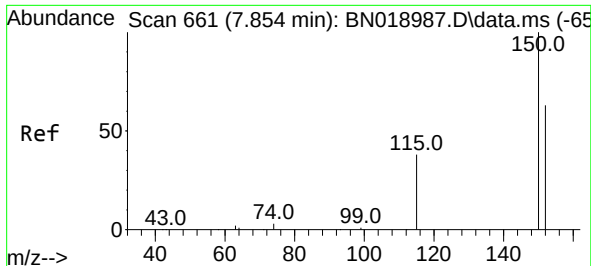
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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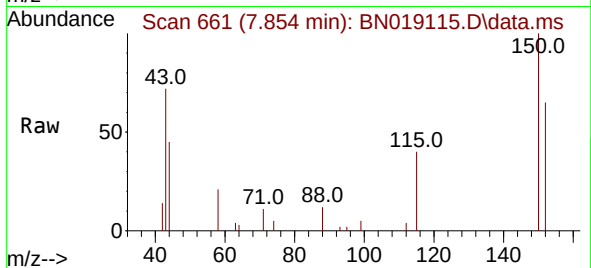
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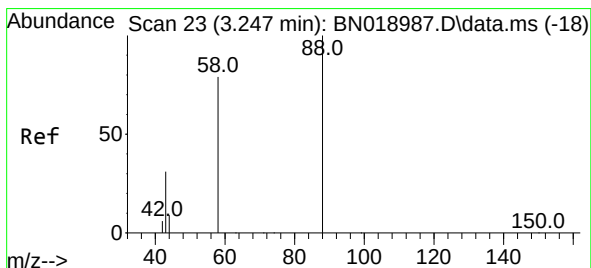
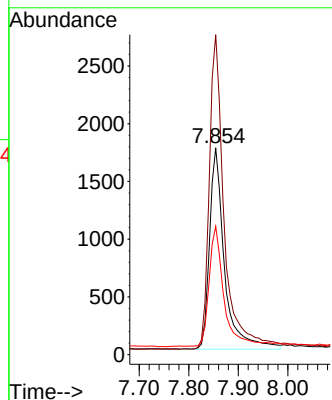
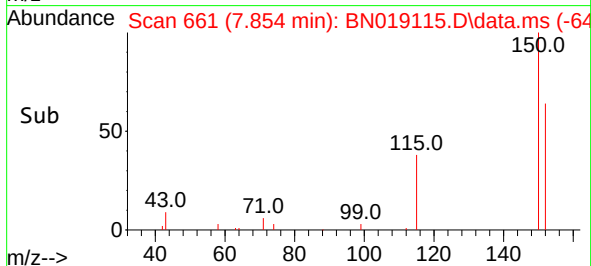


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

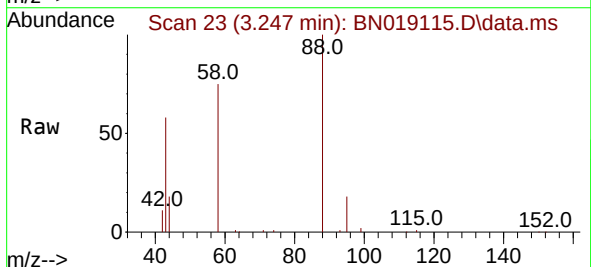
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220321



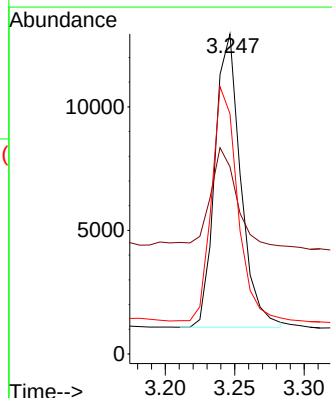
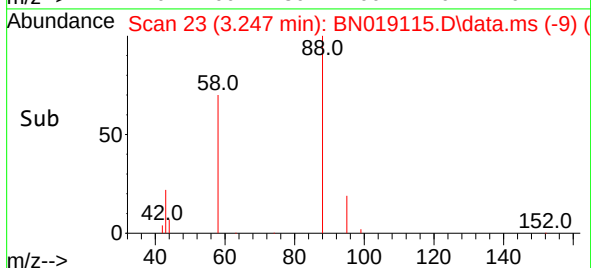
Tgt Ion:152 Resp: 3685
Ion Ratio Lower Upper
152 100
150 154.6 123.9 185.9
115 62.0 48.2 72.4

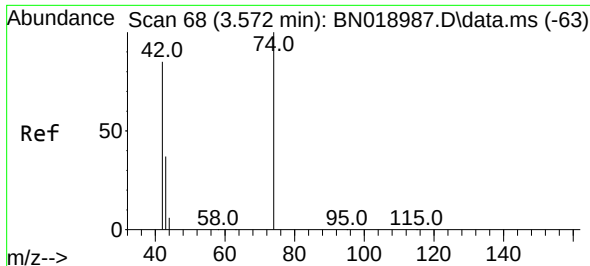


#2
1,4-Dioxane
Concen: 3.371 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56



Tgt Ion: 88 Resp: 15351
Ion Ratio Lower Upper
88 100
43 33.8 24.6 37.0
58 80.2 65.4 98.2

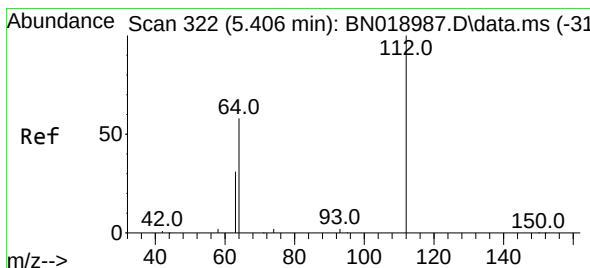
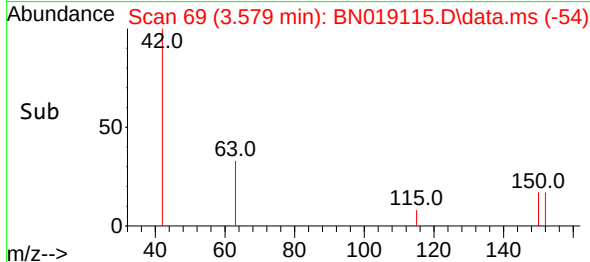
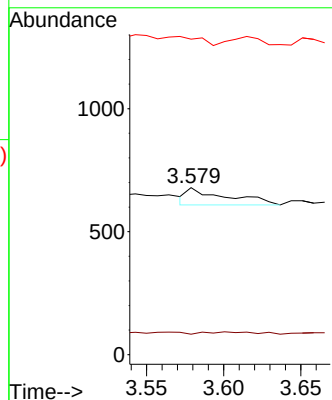
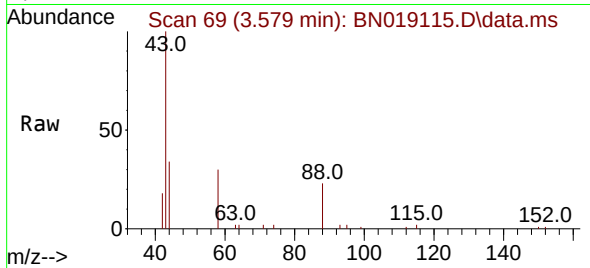




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.579 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

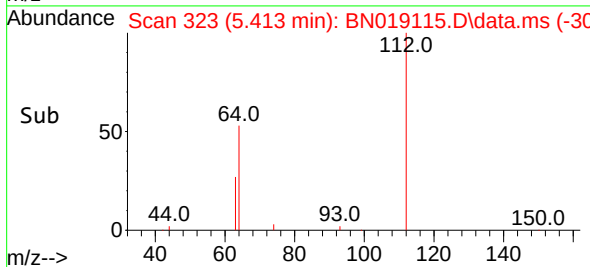
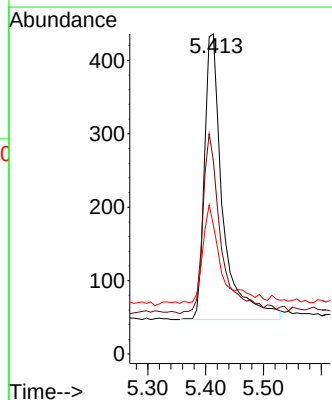
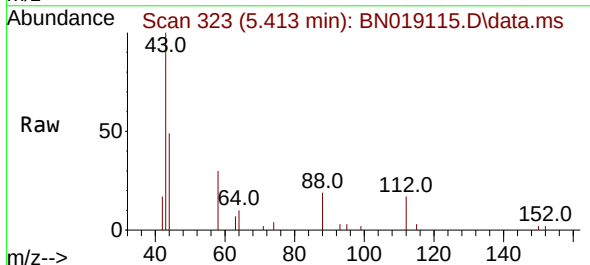
Instrument :
BNA_N
ClientSampleId :
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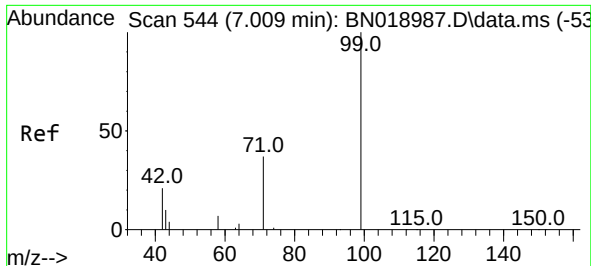
Tgt Ion: 42 Resp: 124
Ion Ratio Lower Upper
42 100
74 8.9 96.9 145.3#
44 0.0 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion: 112 Resp: 862
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 34.3 25.7 38.5

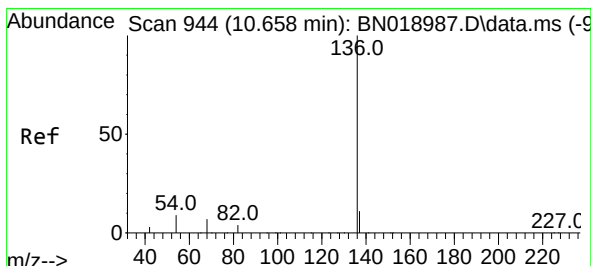
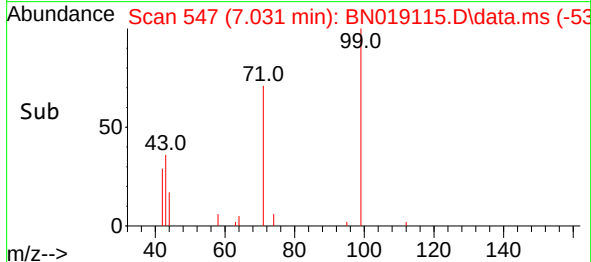
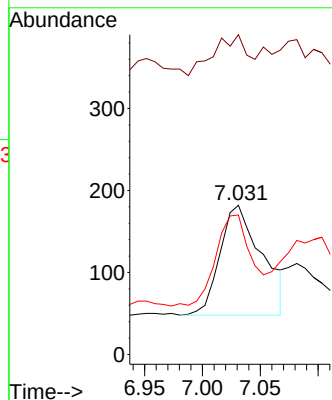
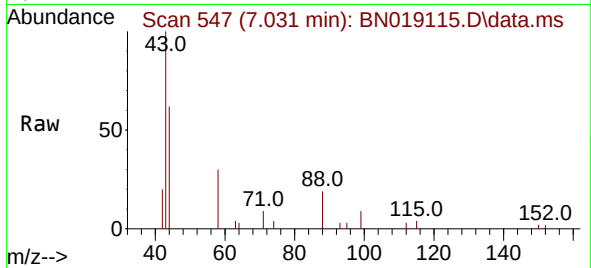




#5
Phenol-d6
Concen: 0.039 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

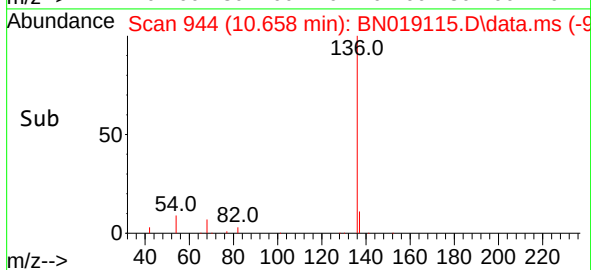
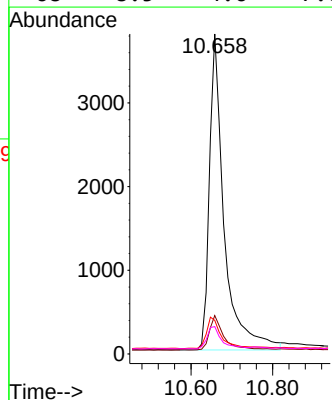
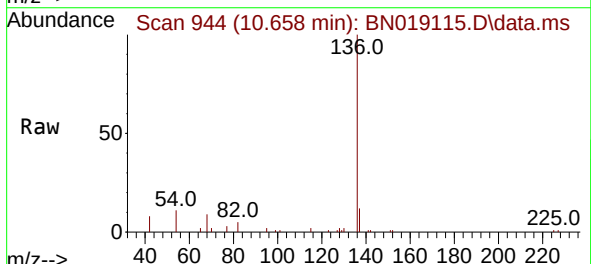
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220321

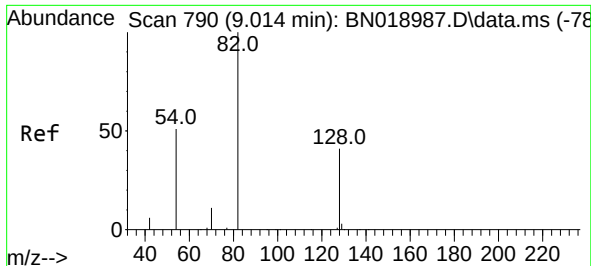
Tgt Ion: 99 Resp: 337
Ion Ratio Lower Upper
99 100
42 30.3 16.2 24.4#
71 70.6 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion: 136 Resp: 9458
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.4
54 10.5 5.8 8.6#
68 8.5 4.6 7.0#

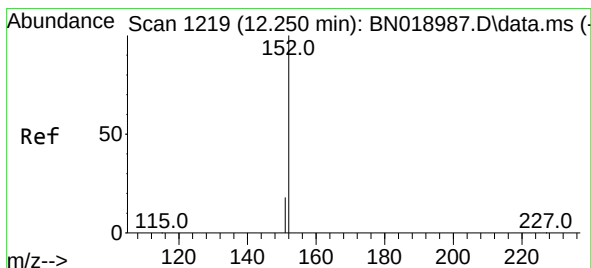
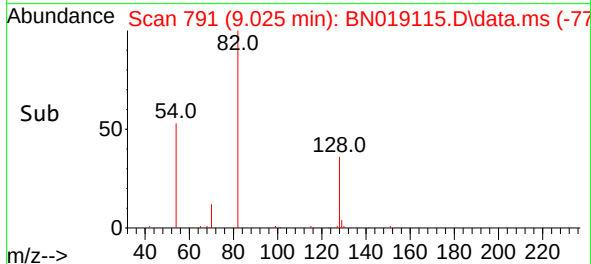
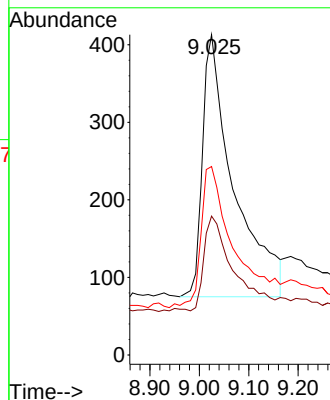
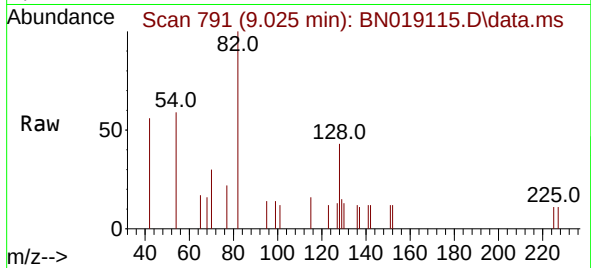




#8
 Nitrobenzene-d5
 Concen: 0.217 ng
 RT: 9.025 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: BN019115.D
 Acq: 24 Mar 2022 06:56

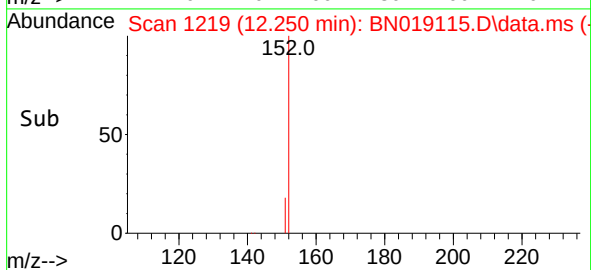
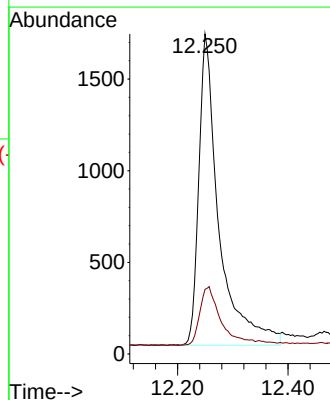
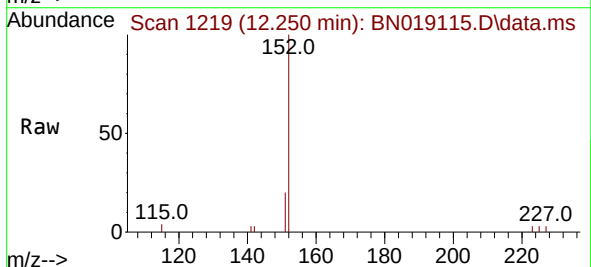
Instrument :
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 ClientSampleId :
 RE122D1-20220321

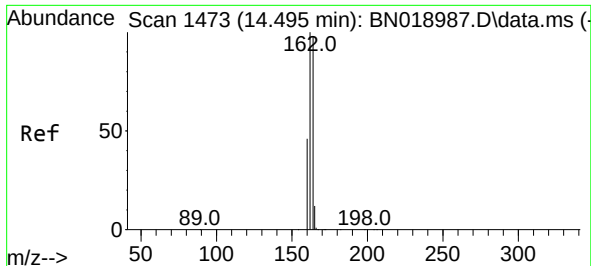
Tgt Ion: 82 Resp: 1480
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.0 49.6
 54 58.8 42.5 63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.274 ng
 RT: 12.250 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BN019115.D
 Acq: 24 Mar 2022 06:56

Tgt Ion: 152 Resp: 4299
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.5 24.7

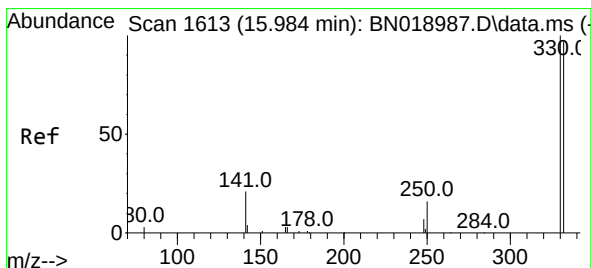
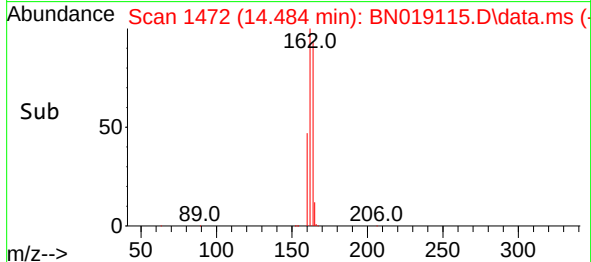
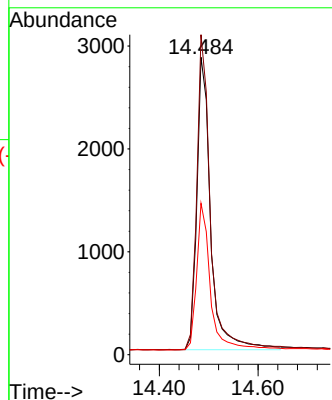
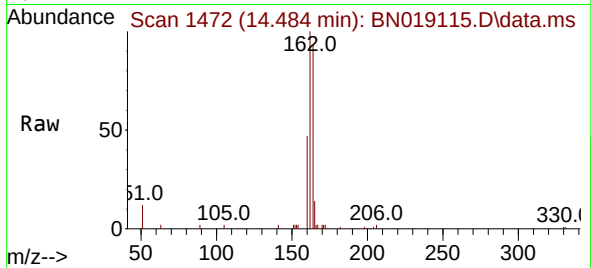




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

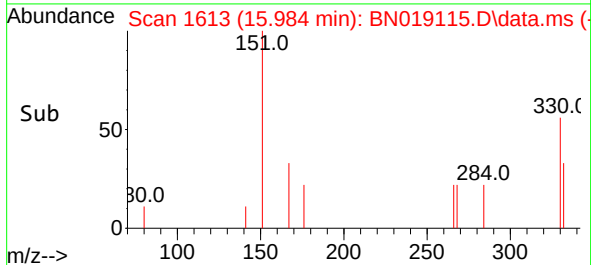
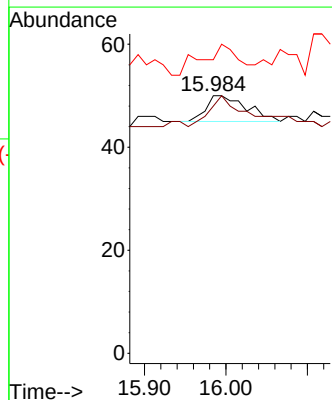
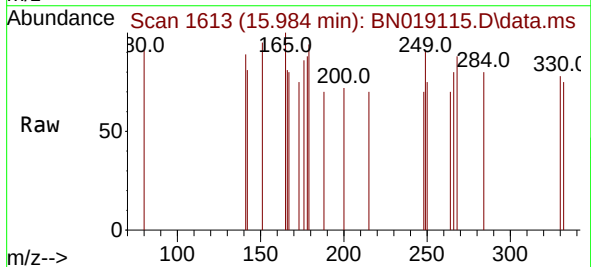
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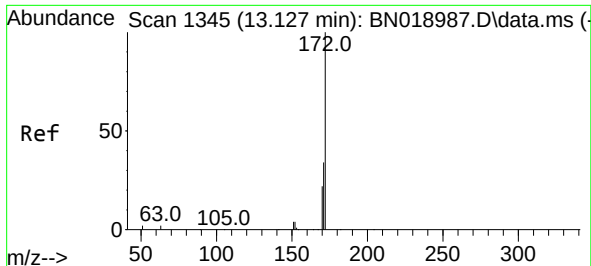
Tgt Ion:164 Resp: 5544
Ion Ratio Lower Upper
164 100
162 107.6 85.2 127.8
160 50.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.006 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion:330 Resp: 17
Ion Ratio Lower Upper
330 100
332 111.8 76.8 115.2
141 111.8 32.2 48.2#

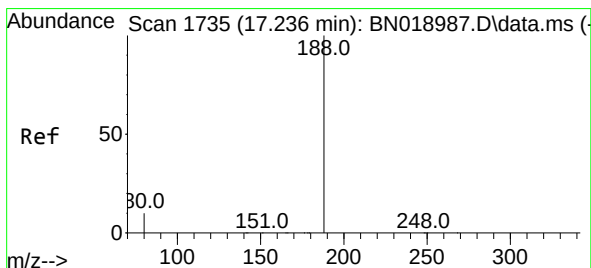
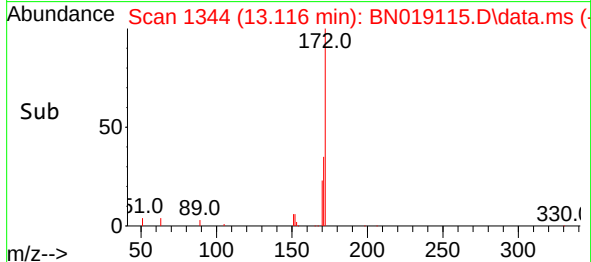
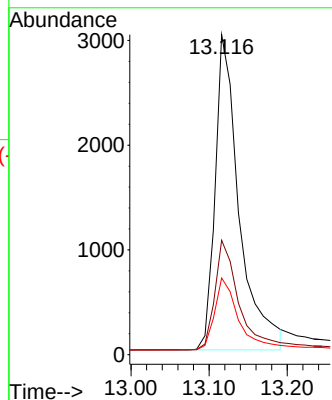
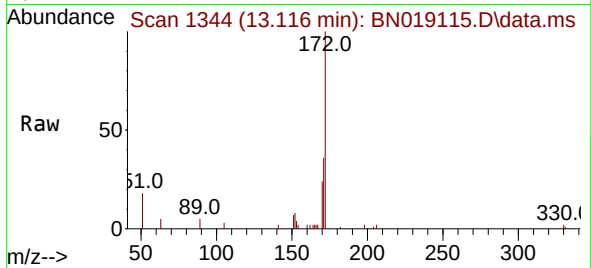




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

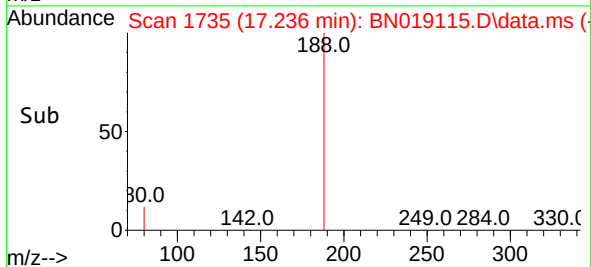
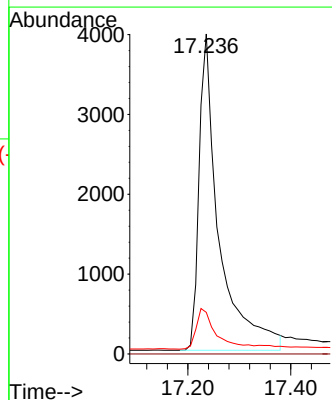
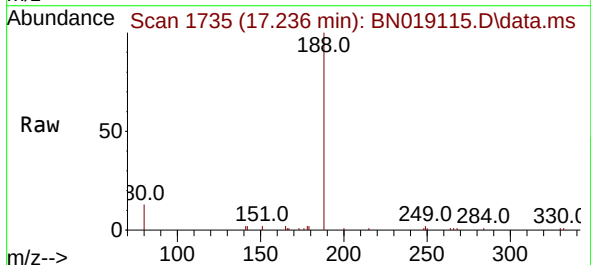
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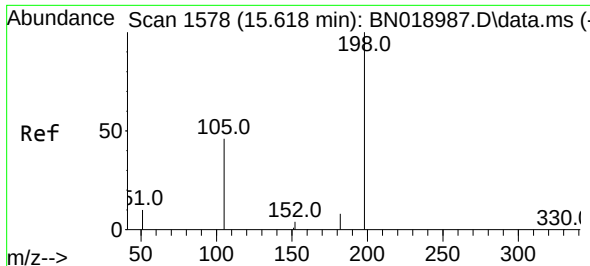
Tgt Ion:172 Resp: 6428
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion:188 Resp: 10655
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 11.8 17.8

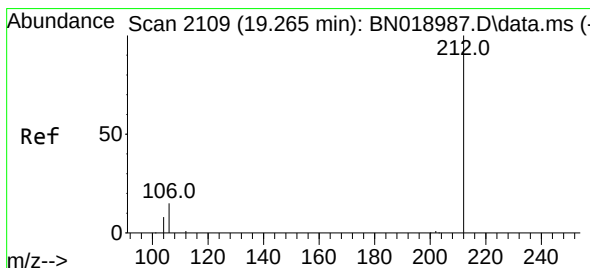
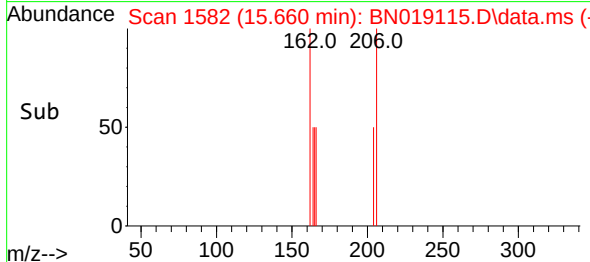
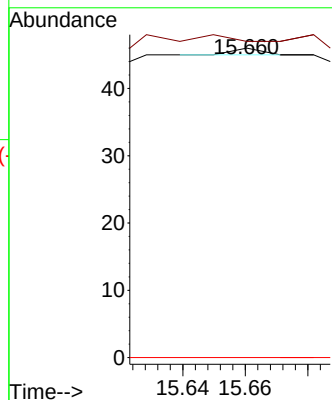
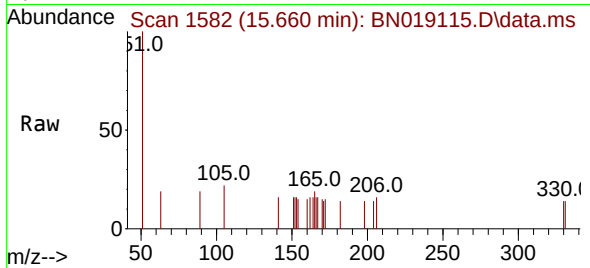




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.660 min Scan# 11
Delta R.T. 0.042 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

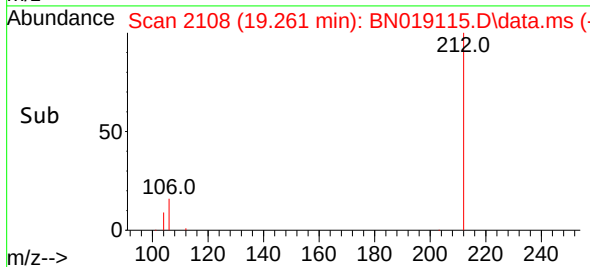
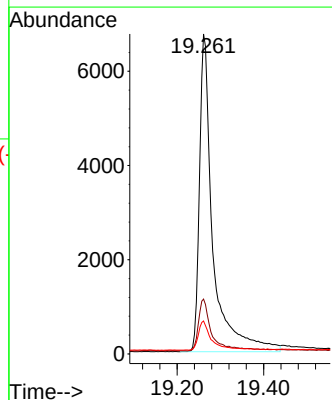
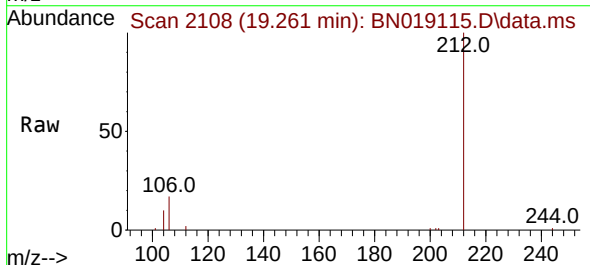
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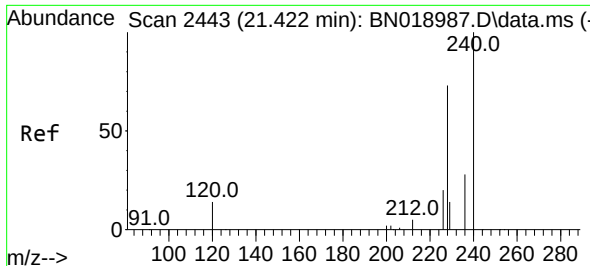
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion:212 Resp: 14513
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 9.3 7.1 10.7

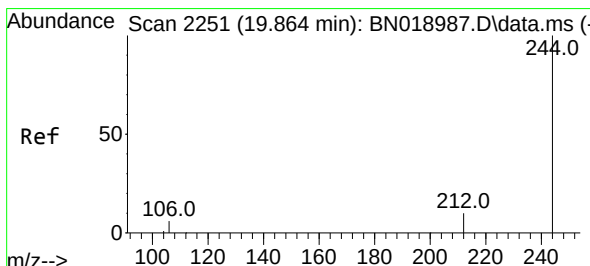
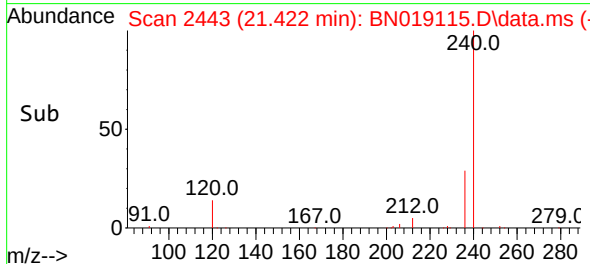
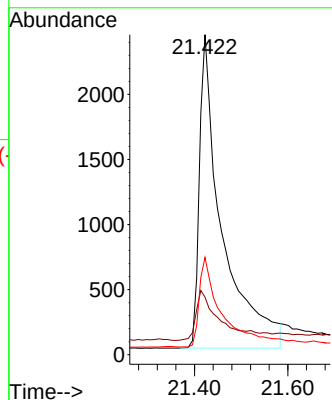
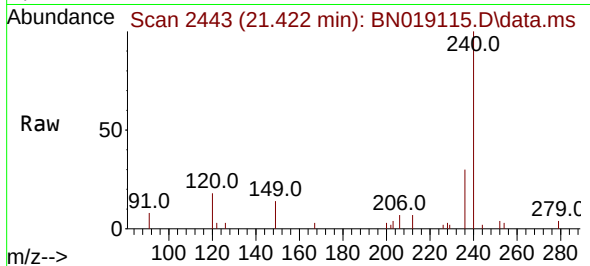




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

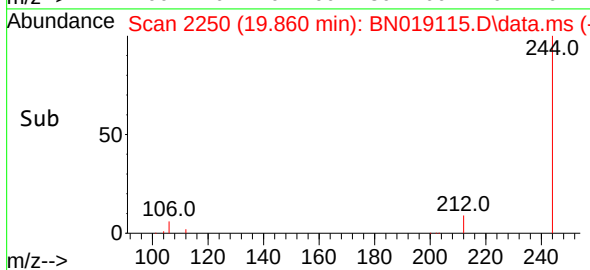
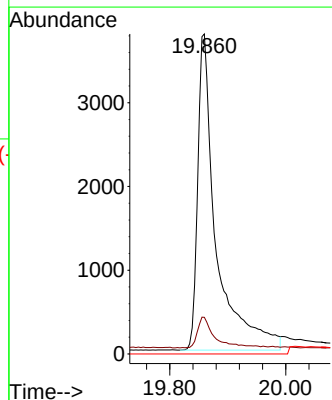
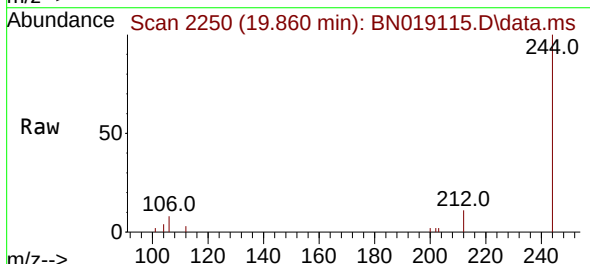
Instrument :
BNA_N
ClientSampleId :
RE122D1-20220321

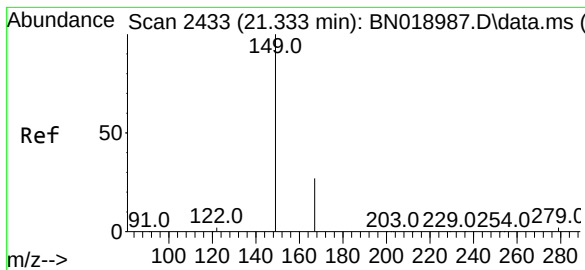
Tgt Ion:240 Resp: 8066
Ion Ratio Lower Upper
240 100
120 18.0 8.5 12.7#
236 30.4 22.4 33.6



#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019115.D
Acq: 24 Mar 2022 06:56

Tgt Ion:244 Resp: 8378
Ion Ratio Lower Upper
244 100
212 11.5 8.2 12.4
122 0.0 0.0 0.0

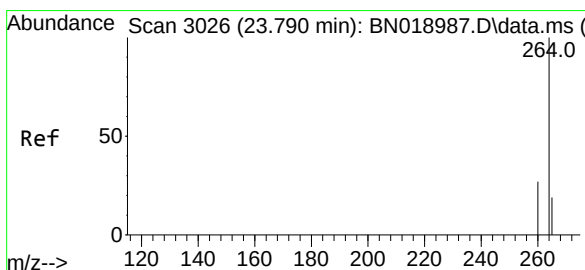
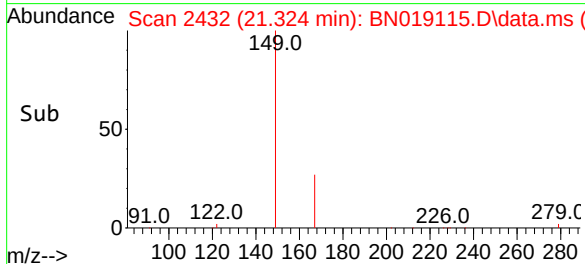
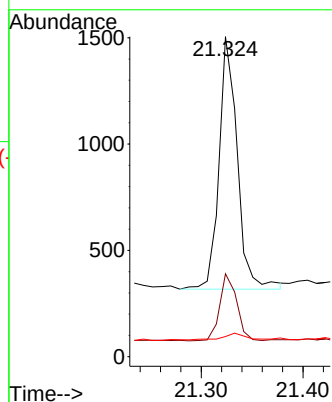
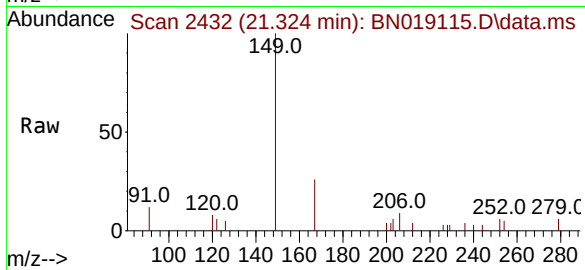




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019115.D
 Acq: 24 Mar 2022 06:56

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20220321

Tgt Ion:149 Resp: 1478
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.8
 279 4.5 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019115.D
 Acq: 24 Mar 2022 06:56

Tgt Ion:264 Resp: 6336
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.4 33.6
 265 54.8 25.3 37.9#

