

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014080.D
 Acq On : 24 Mar 2021 20:59
 Operator : CG/JU
 Sample : M1787-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-122D1-20210319

Quant Time: Mar 25 05:38:20 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)

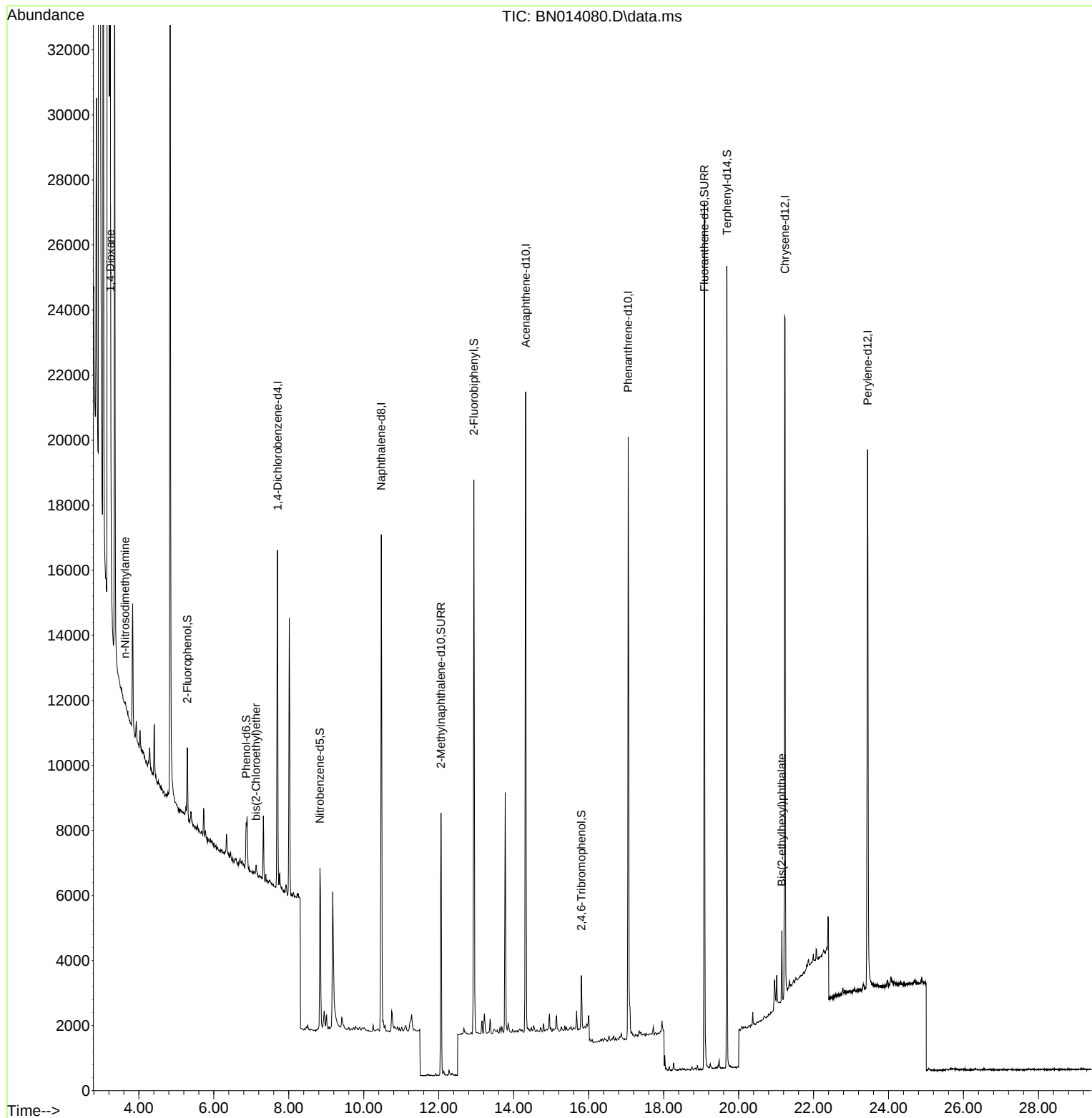
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5068	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19682	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11437	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24698	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23499	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	22336	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1659	0.14	ng	0.00
5) Phenol-d6	6.863	99	1192	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4362	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10829	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1190	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14334	0.34	ng	-0.01
27) Fluoranthene-d10	19.089	212	29940	0.44	ng	0.00
31) Terphenyl-d14	19.690	244	25272	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	18657	2.79	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.633	42	104	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.128	93	273	0.02	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	1960	0.08	ng	93

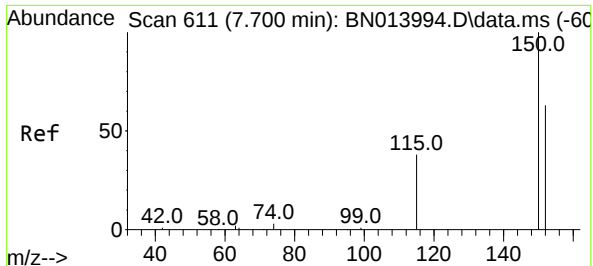
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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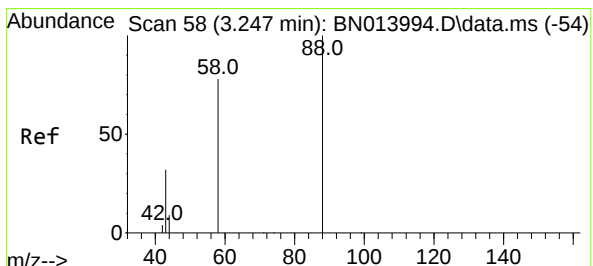
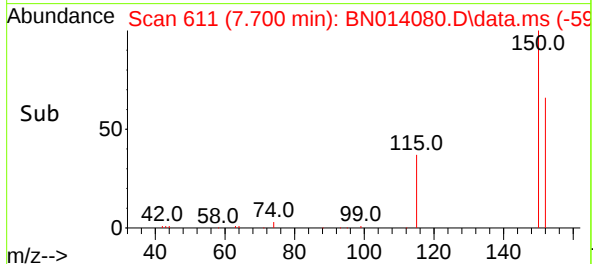
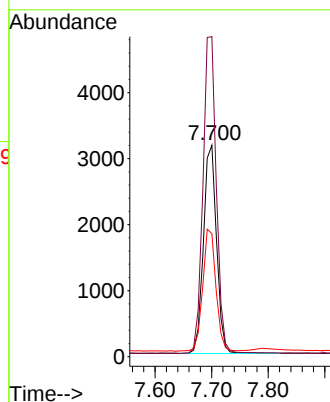
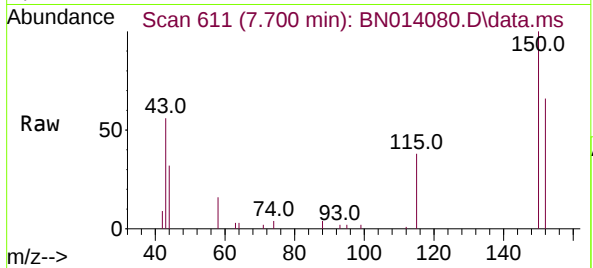




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

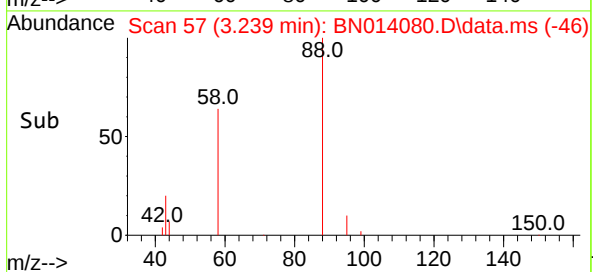
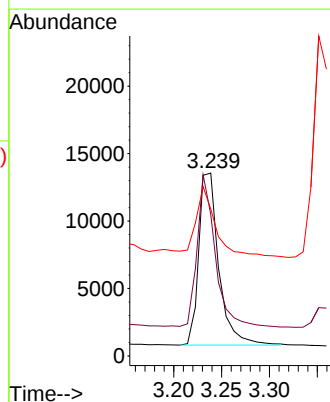
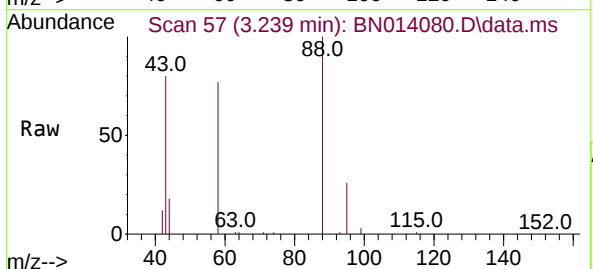
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BNA_N
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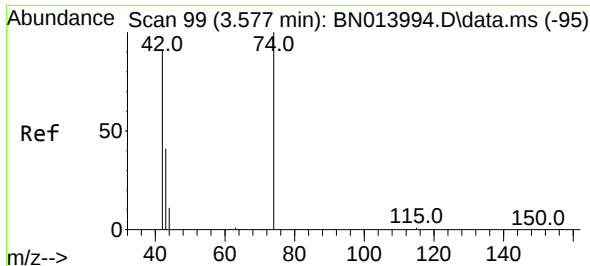
Tgt Ion:152 Resp: 5068
Ion Ratio Lower Upper
152 100
150 151.3 121.8 182.8
115 58.2 46.6 69.8



#2
1,4-Dioxane
Concen: 2.79 ng
RT: 3.239 min Scan# 57
Delta R.T. -0.008 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 88 Resp: 18657
Ion Ratio Lower Upper
88 100
58 79.2 64.6 96.8
43 38.9 26.6 40.0

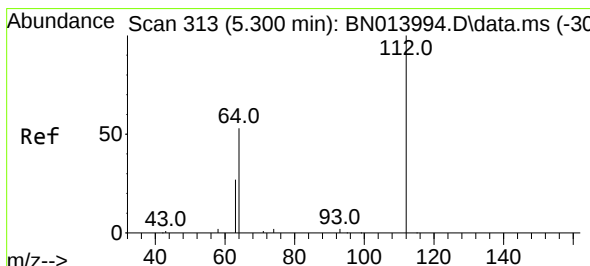
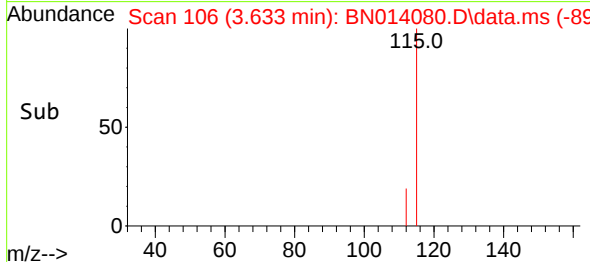
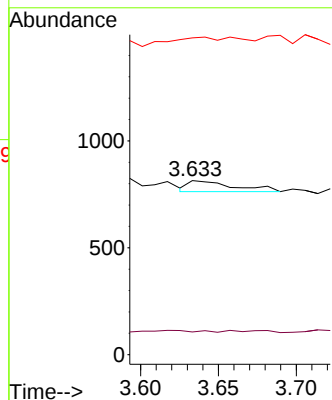
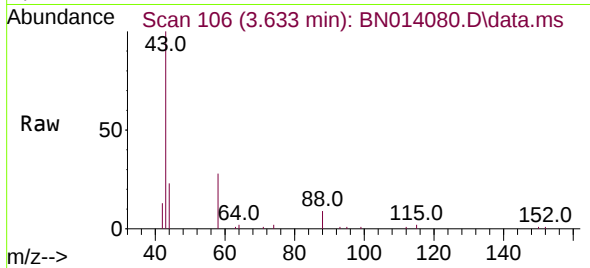




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.633 min Scan# 106
Delta R.T. 0.041 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

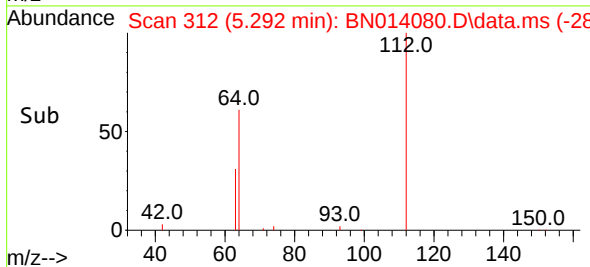
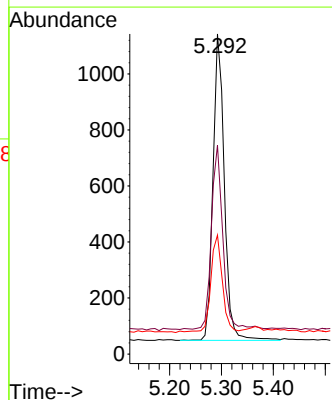
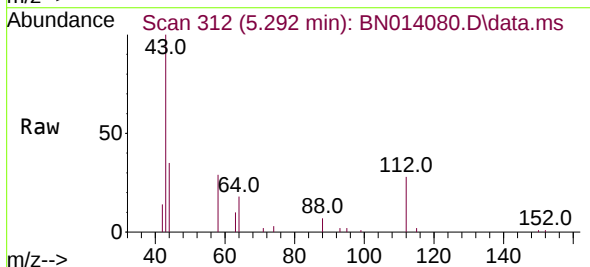
Instrument :
BNA_N
ClientSampleId :
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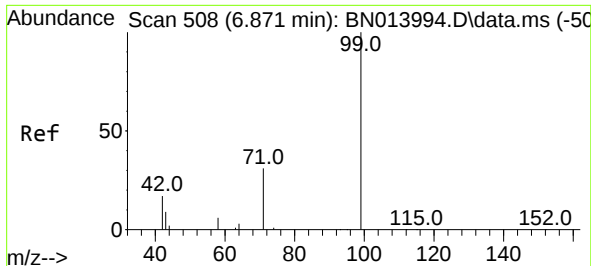
Tgt Ion: 42 Resp: 104
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 88.5 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 112 Resp: 1659
Ion Ratio Lower Upper
112 100
64 61.2 44.3 66.5
63 32.8 23.0 34.6

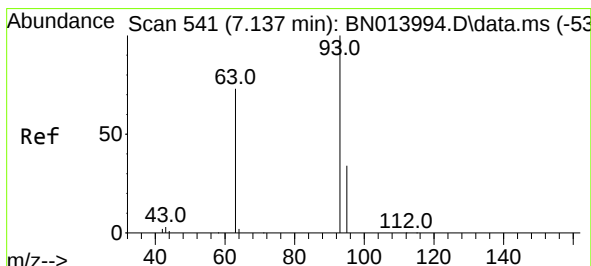
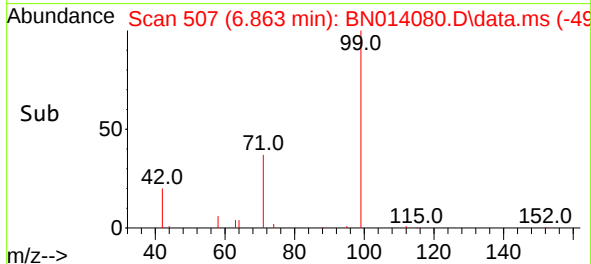
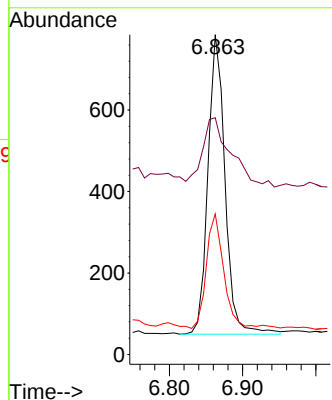
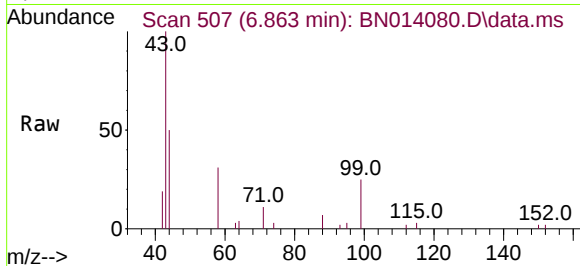




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

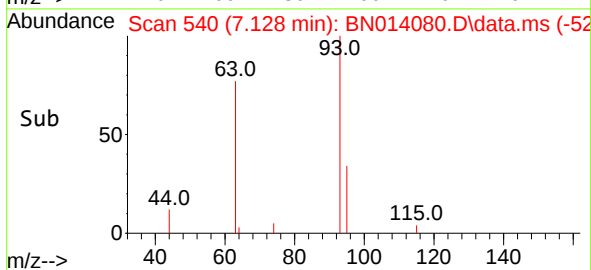
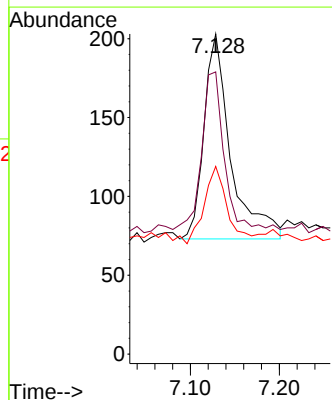
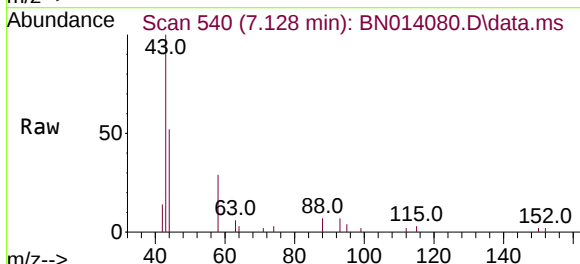
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

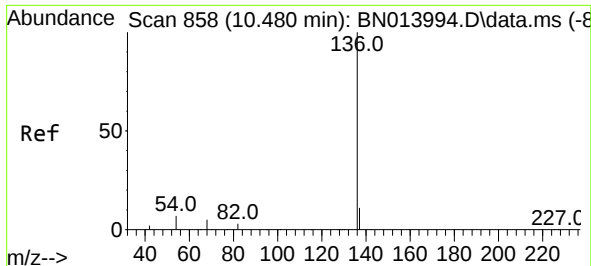
Tgt Ion: 99 Resp: 1192
Ion Ratio Lower Upper
99 100
42 36.4 15.2 22.8#
71 38.8 26.1 39.1



#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 93 Resp: 273
Ion Ratio Lower Upper
93 100
63 70.7 60.8 91.2
95 32.2 26.0 39.0

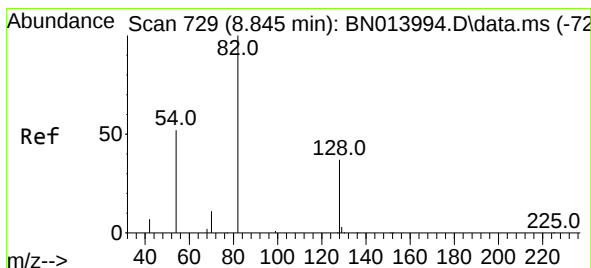
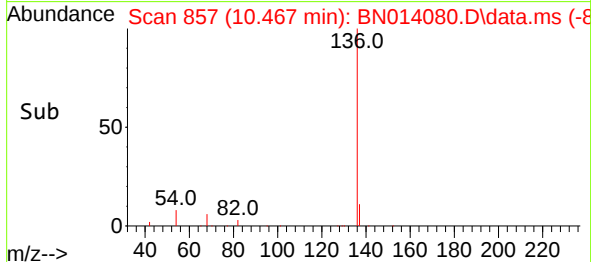
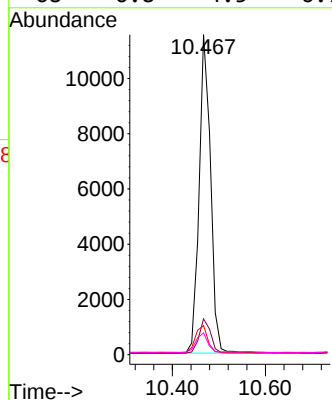
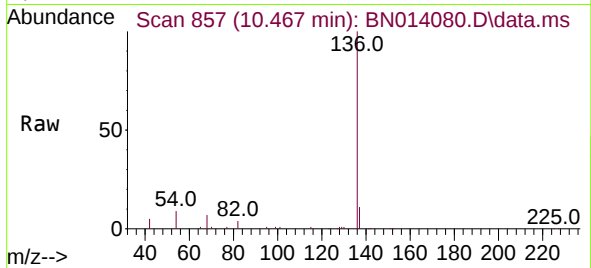




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

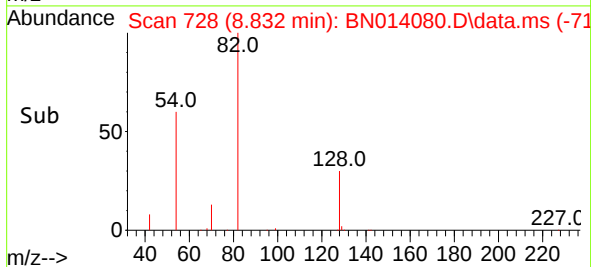
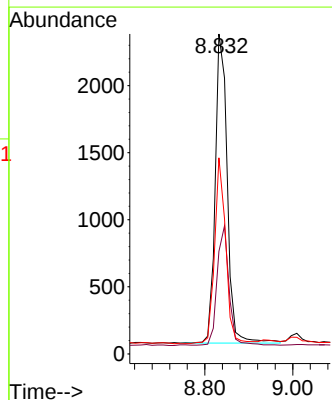
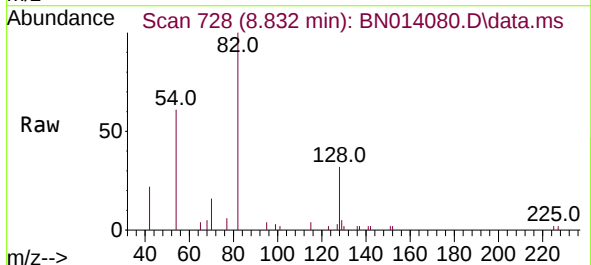
Instrument :
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ClientSampleId :
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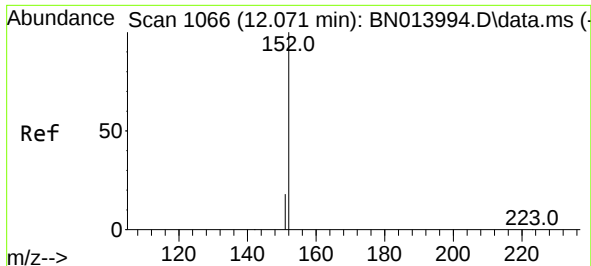
Tgt Ion:	136	Resp:	19682
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	9.1	6.4	9.6
68	6.8	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:	82	Resp:	4362
Ion Ratio	Lower	Upper	
82	100		
128	32.0	39.2	58.8#
54	61.3	40.1	60.1#

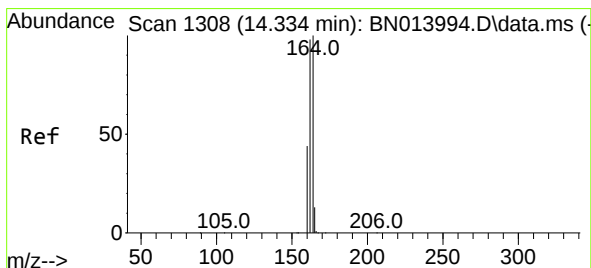
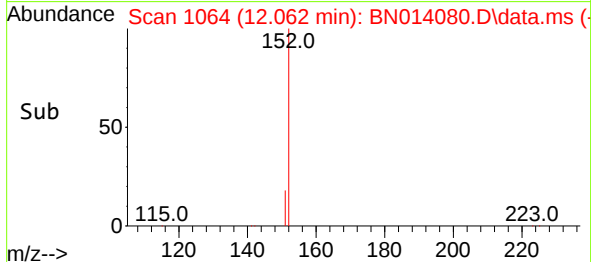
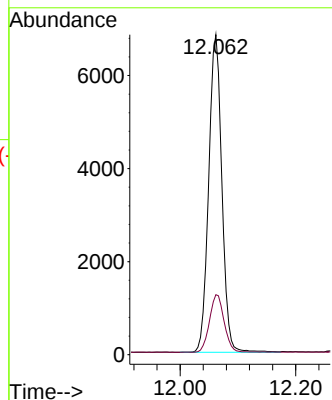
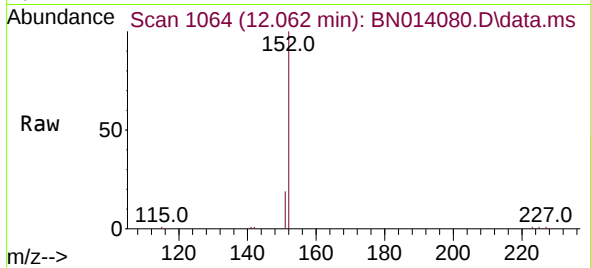




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

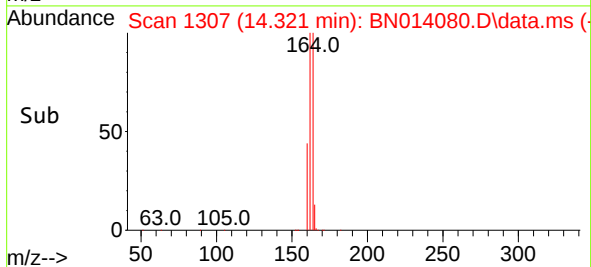
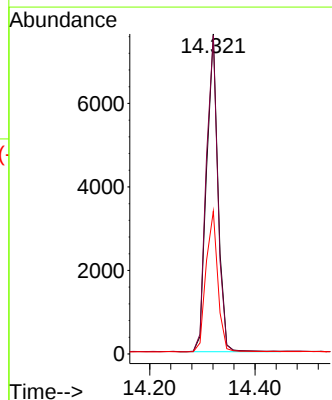
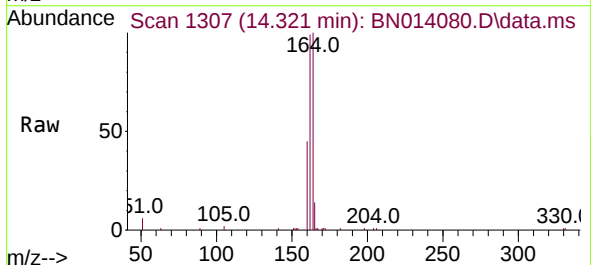
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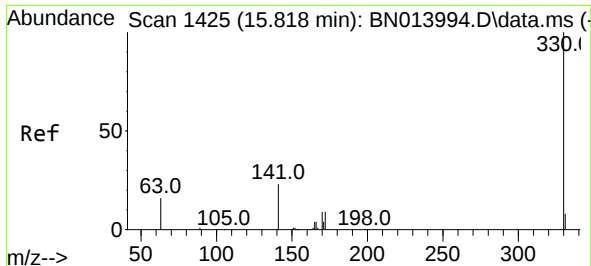
Tgt Ion:152 Resp: 10829
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:164 Resp: 11437
Ion Ratio Lower Upper
164 100
162 99.5 79.6 119.4
160 44.6 36.0 54.0

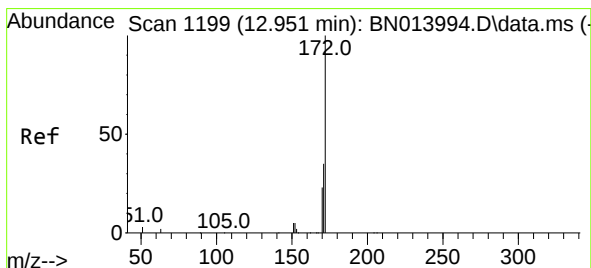
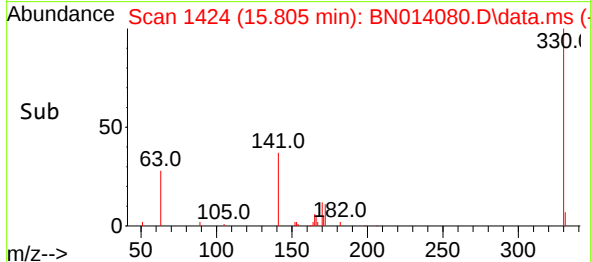
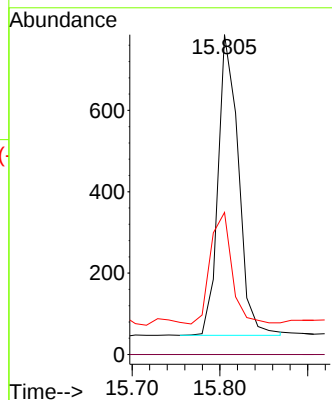
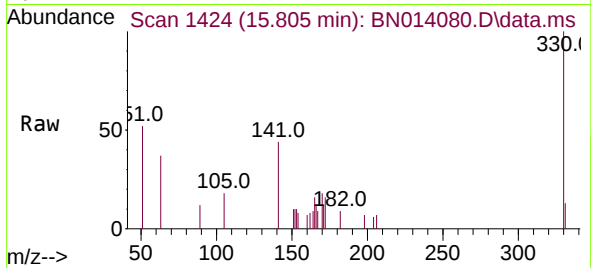




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

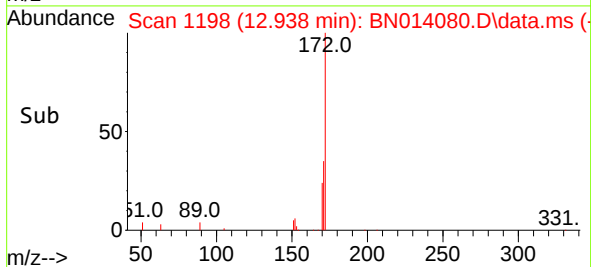
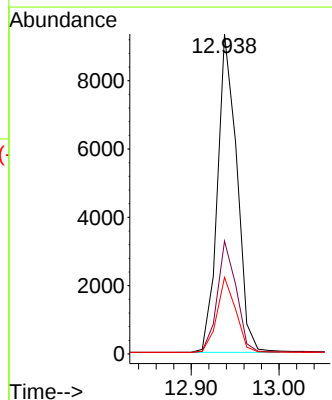
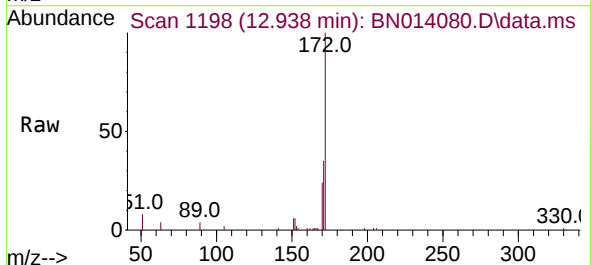
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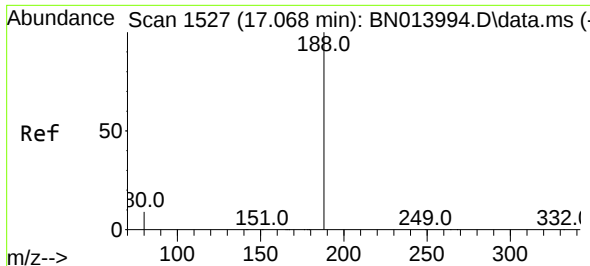
Tgt Ion: 330 Resp: 1190
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.3 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 172 Resp: 14334
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 18.9 28.3

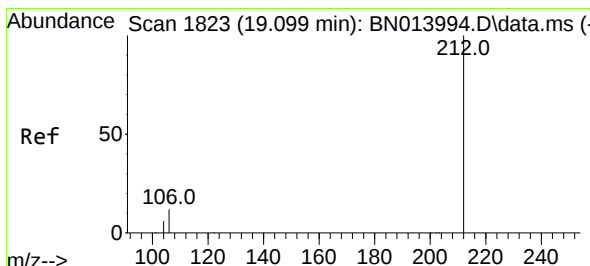
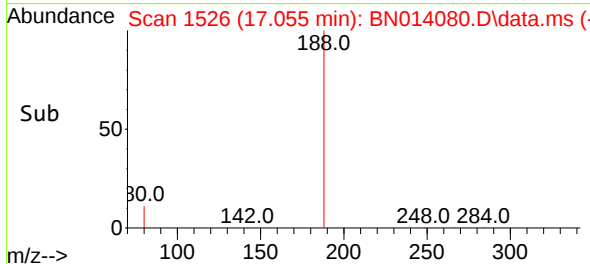
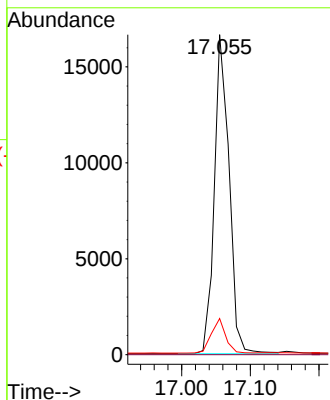
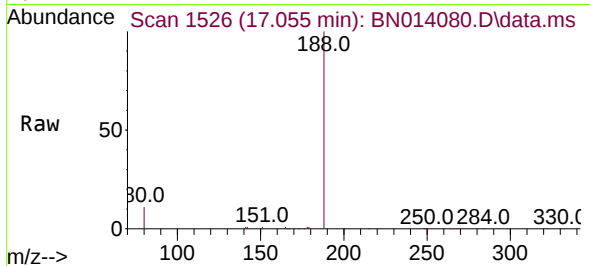




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

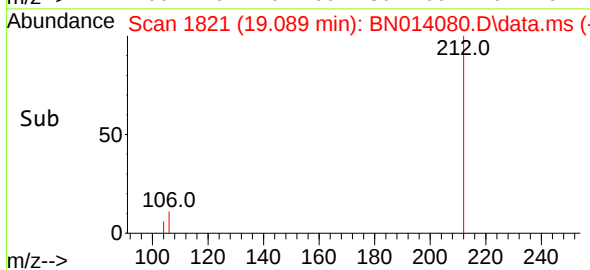
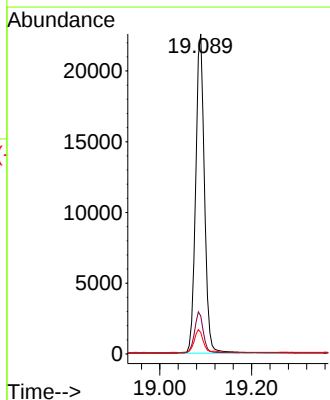
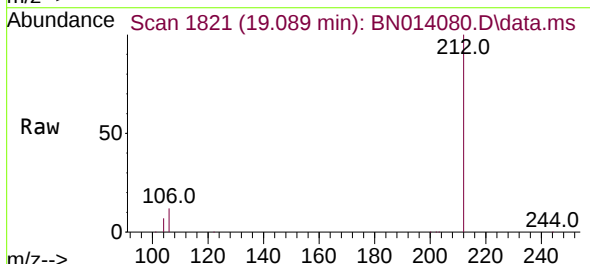
Instrument :
BNA_N
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RE-122D1-20210319

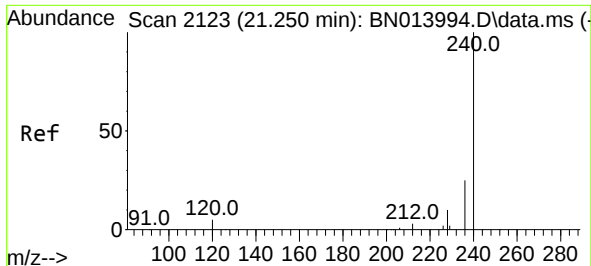
Tgt Ion:188	Resp:	24698
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.3	9.0



#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:212	Resp:	29940
Ion Ratio	Lower	Upper
212	100	
106	12.5	9.7
104	7.4	5.5

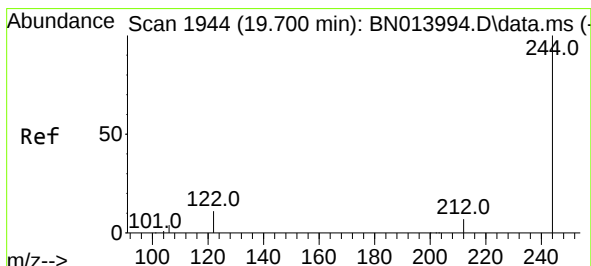
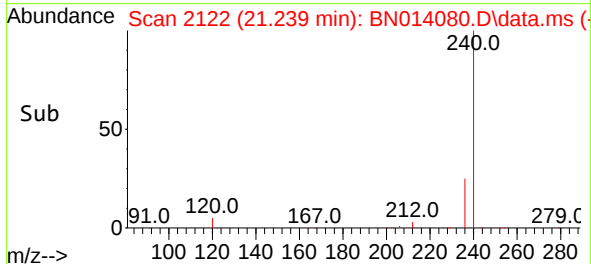
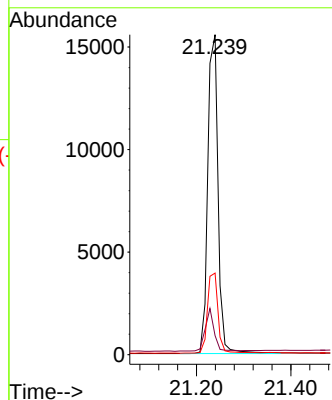
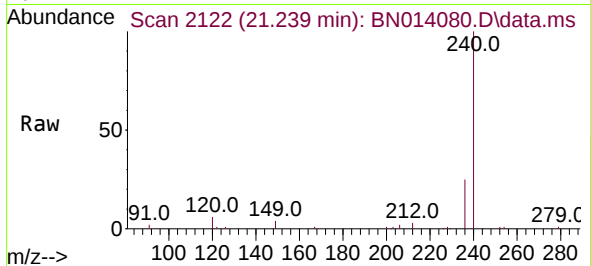




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

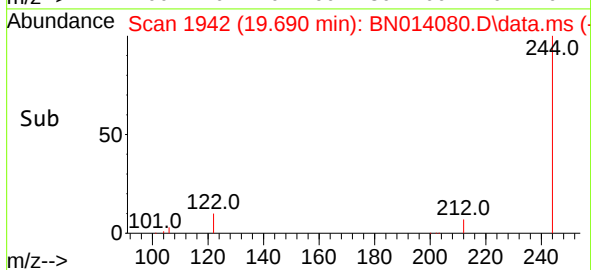
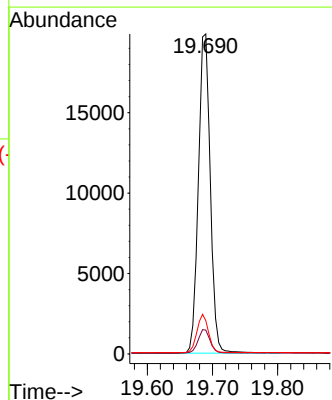
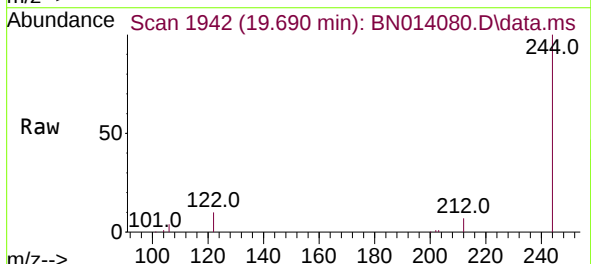
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

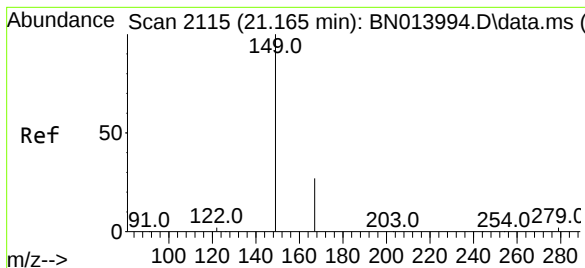
Tgt Ion:240 Resp: 23499
Ion Ratio Lower Upper
240 100
120 5.9 10.2 15.4#
236 25.5 21.3 31.9



#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:244 Resp: 25272
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.4 9.8 14.8

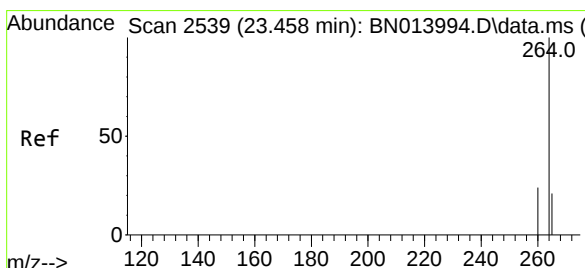
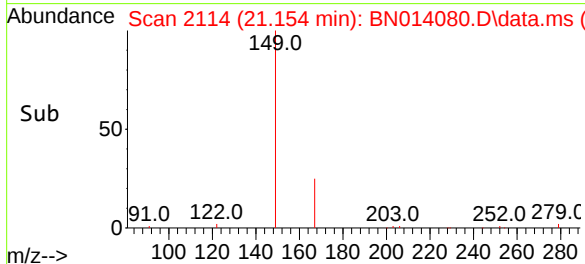
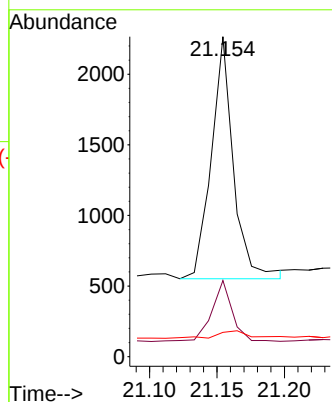
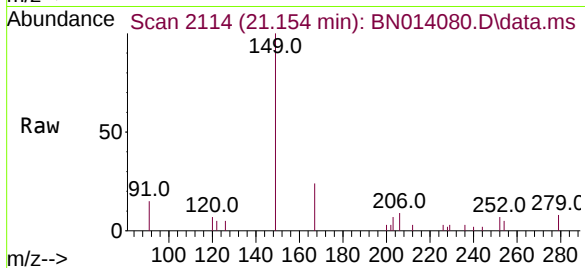




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

Tgt Ion:	149	Resp:	1960
Ion Ratio	Lower	Upper	
149	100		
167	23.3	22.1	33.1
279	4.4	3.5	5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:	264	Resp:	22336
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.3	28.9
265	34.1	66.2	99.4#

