

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014075.D
 Acq On : 24 Mar 2021 17:59
 Operator : CG/JU
 Sample : M1787-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-103D2-20210318

Quant Time: Mar 25 05:37:40 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)

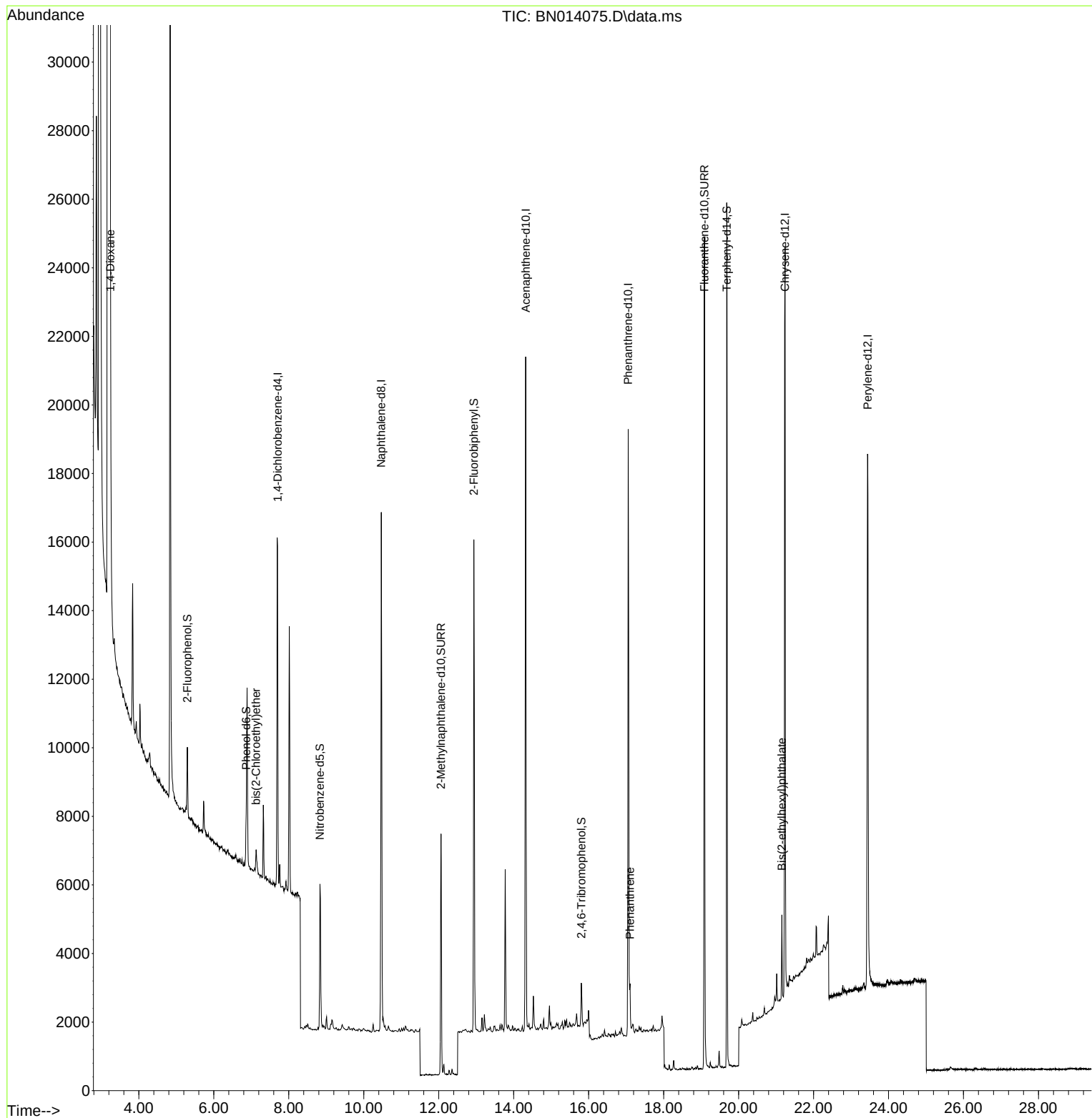
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4980	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19172	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11066	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24227	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23034	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	21750	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1522	0.13	ng	0.00
5) Phenol-d6	6.863	99	1111	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	3850	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9766	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	884	0.24	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13039	0.32	ng	-0.01
27) Fluoranthene-d10	19.089	212	27531	0.41	ng	0.00
31) Terphenyl-d14	19.685	244	25228	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	9460	1.44	ng	# 90
6) bis(2-Chloroethyl)ether	7.129	93	921	0.07	ng	# 61
25) Phenanthrene	17.104	178	1508	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.154	149	2166	0.09	ng	# 99

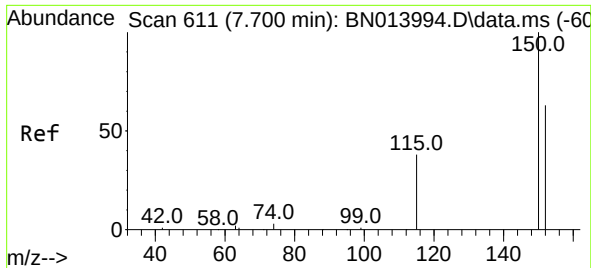
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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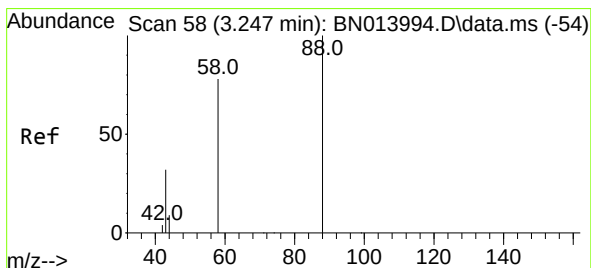
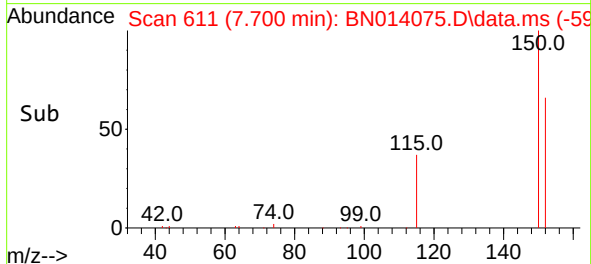
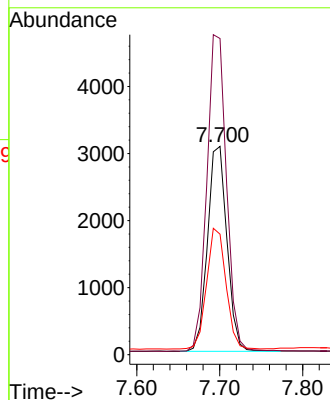
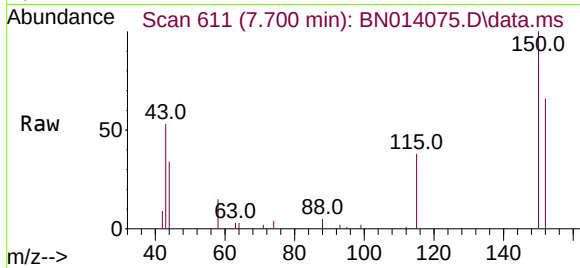




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014075.D
 Acq: 24 Mar 2021 17:59

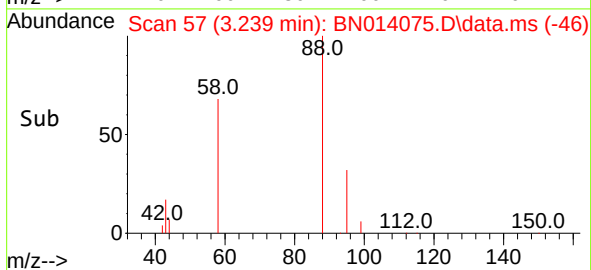
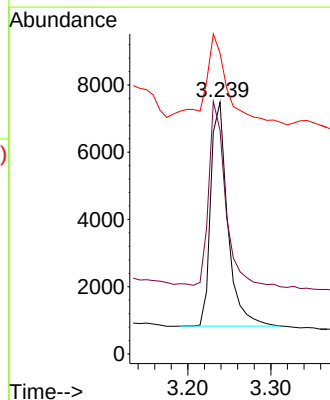
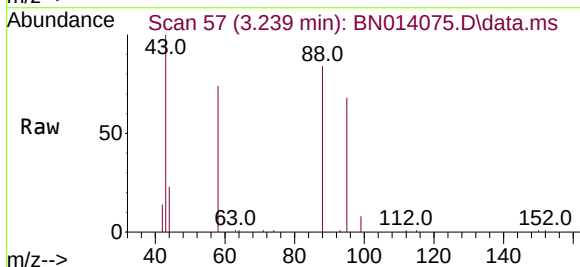
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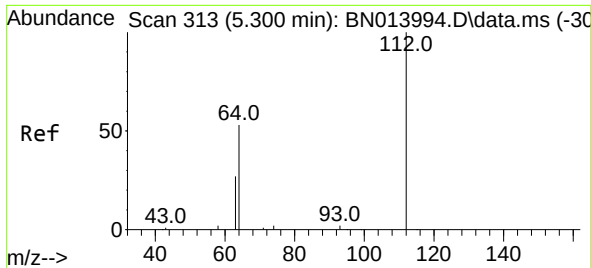
Tgt Ion:152 Resp: 4980
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.8 182.8
 115 57.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 1.44 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014075.D
 Acq: 24 Mar 2021 17:59

Tgt Ion: 88 Resp: 9460
 Ion Ratio Lower Upper
 88 100
 58 81.9 64.6 96.8
 43 50.9 26.6 40.0#

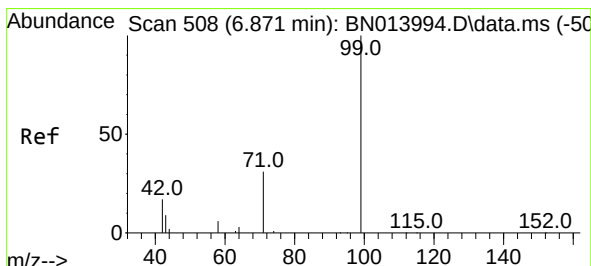
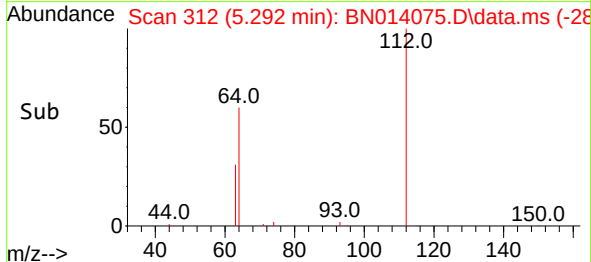
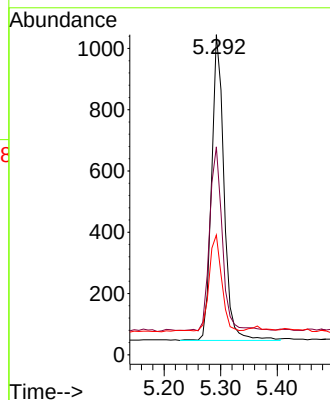
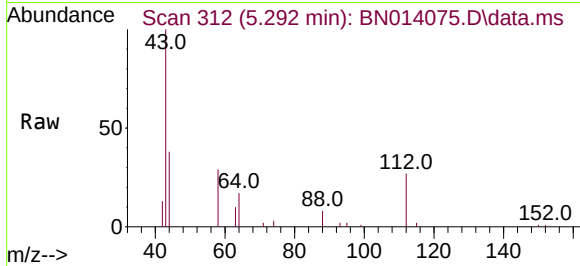




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

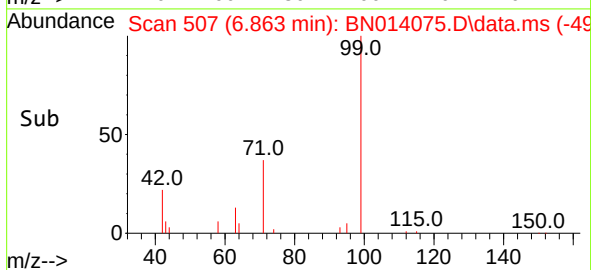
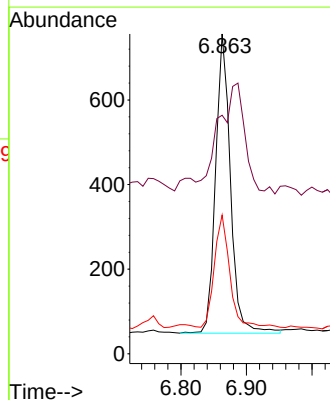
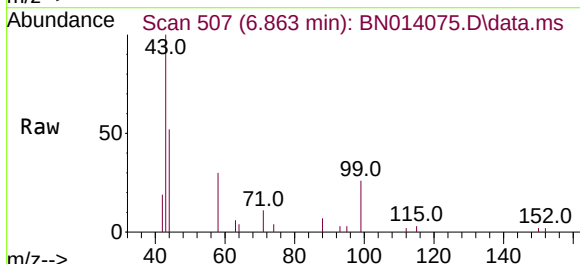
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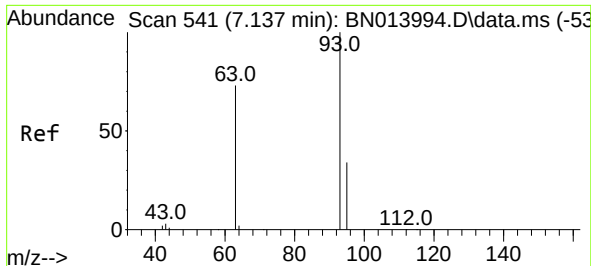
Tgt Ion:112 Resp: 1522
Ion Ratio Lower Upper
112 100
64 60.7 44.3 66.5
63 31.9 23.0 34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion: 99 Resp: 1111
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 40.0 26.1 39.1#

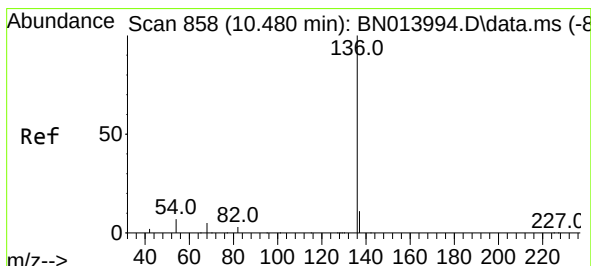
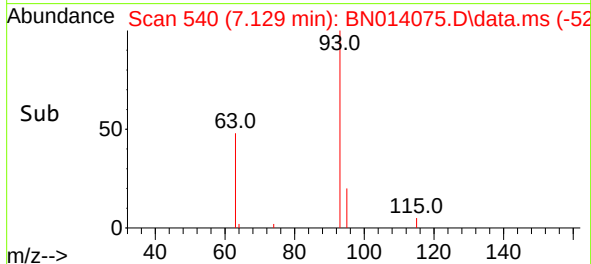
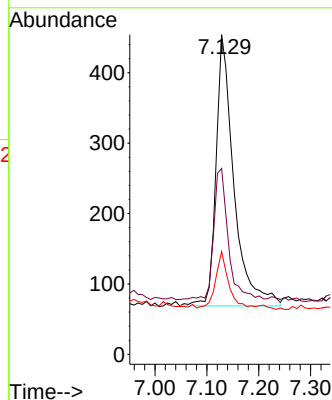
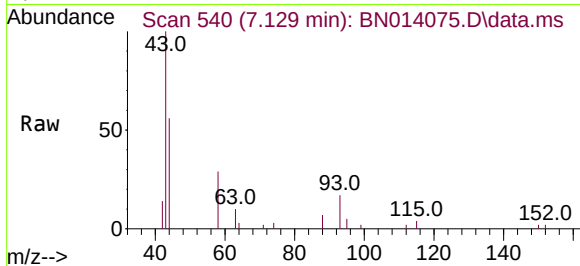




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

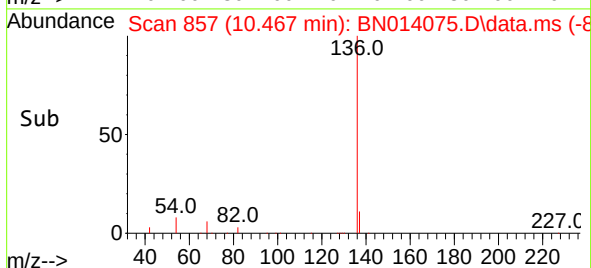
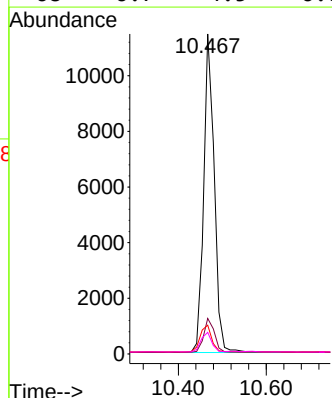
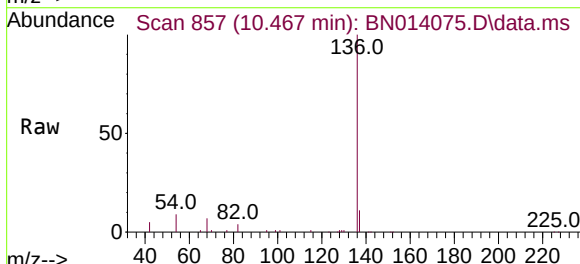
Instrument :
BNA_N
ClientSampleId :
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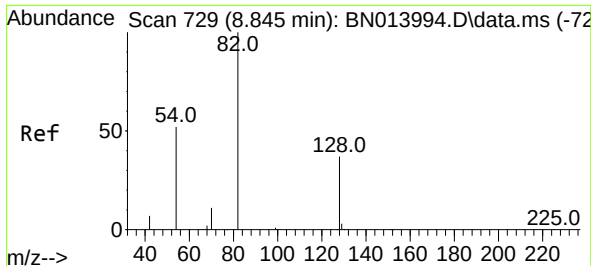
Tgt Ion: 93 Resp: 921
Ion Ratio Lower Upper
93 100
63 40.1 60.8 91.2#
95 14.8 26.0 39.0#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion: 136 Resp: 19172
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.0 6.4 9.6
68 6.7 4.5 6.7#

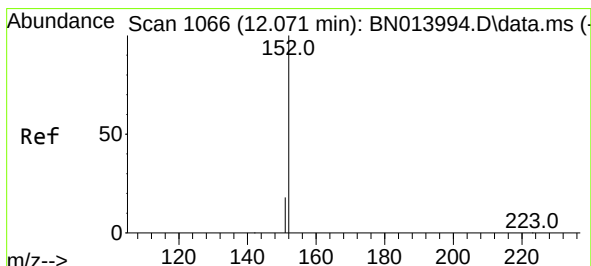
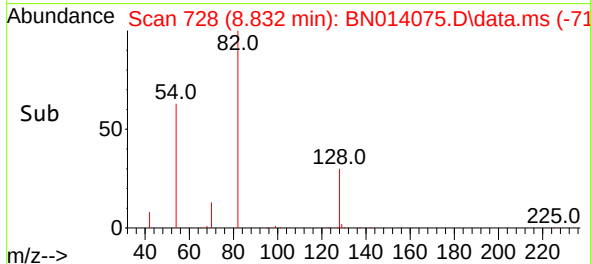
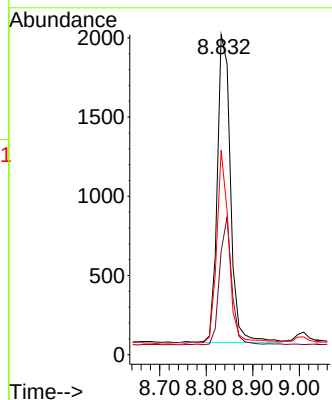
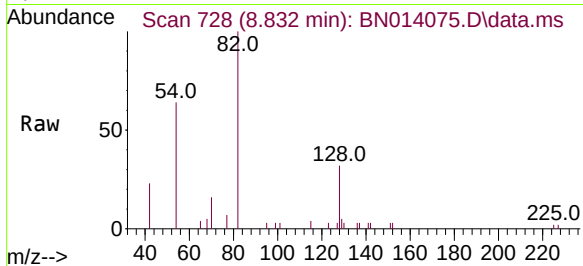




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

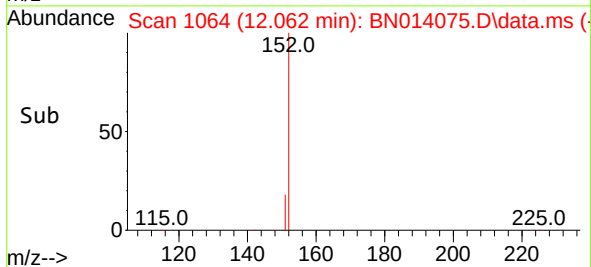
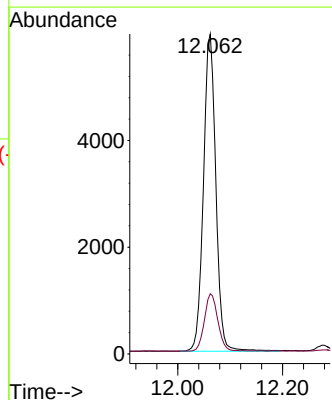
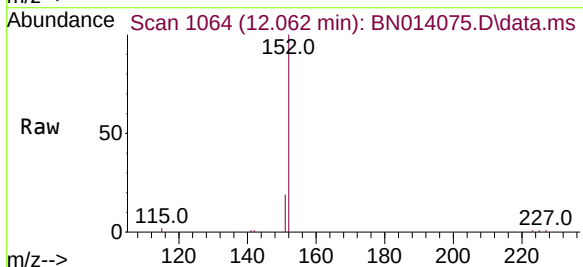
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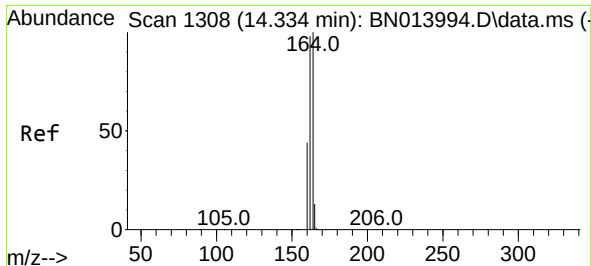
Tgt Ion: 82 Resp: 3850
Ion Ratio Lower Upper
82 100
128 32.3 39.2 58.8#
54 63.9 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion: 152 Resp: 9766
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2

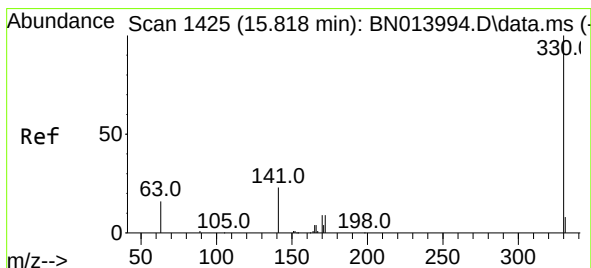
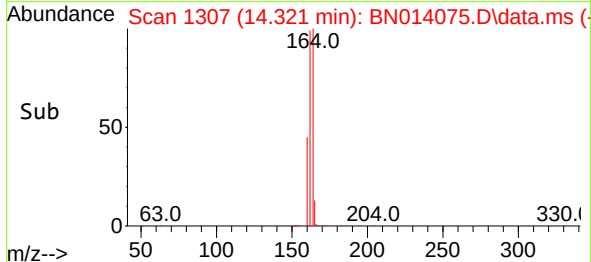
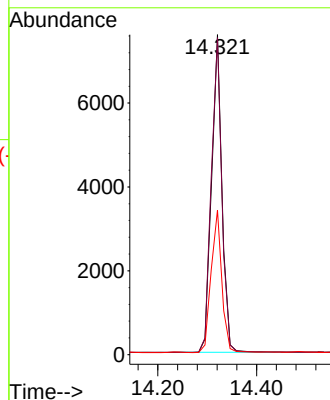
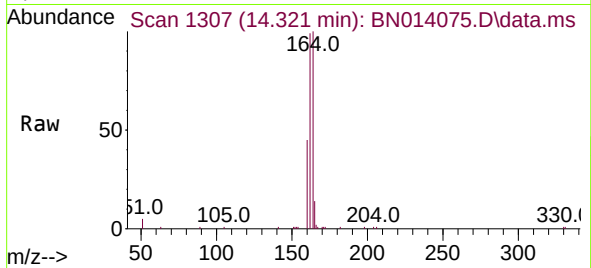




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

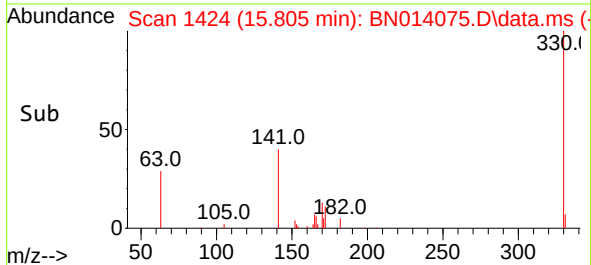
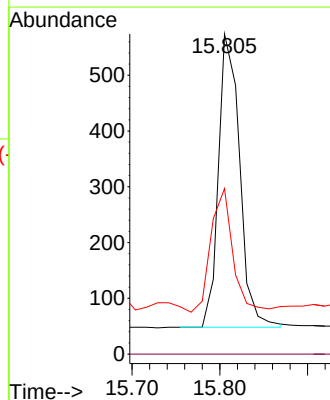
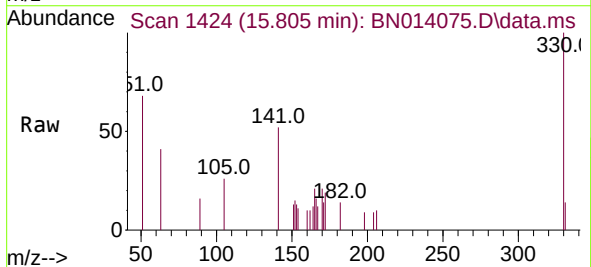
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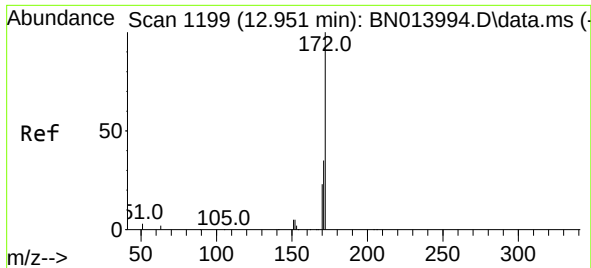
Tgt Ion:164 Resp: 11066
Ion Ratio Lower Upper
164 100
162 99.1 79.6 119.4
160 45.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion:330 Resp: 884
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.8 26.8 40.2#

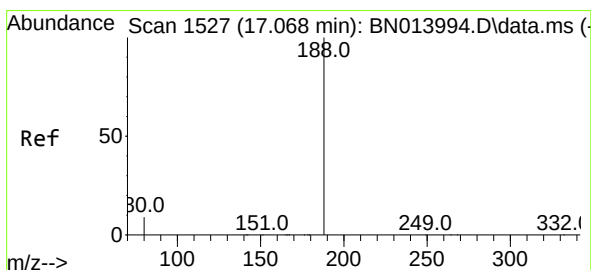
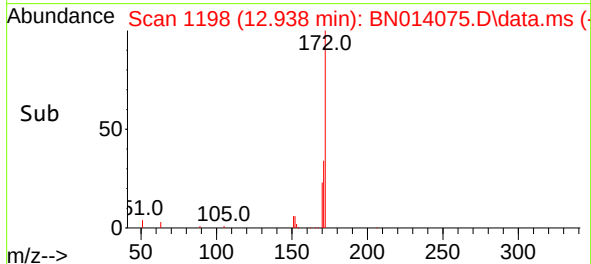
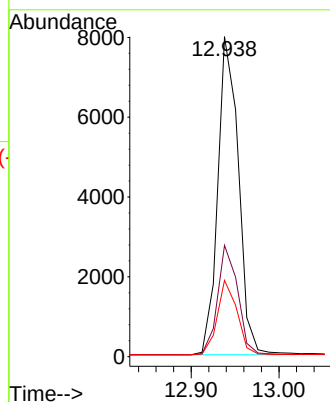
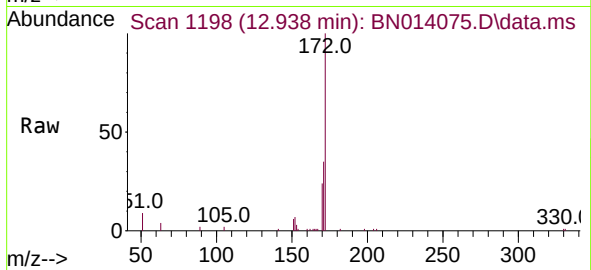




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

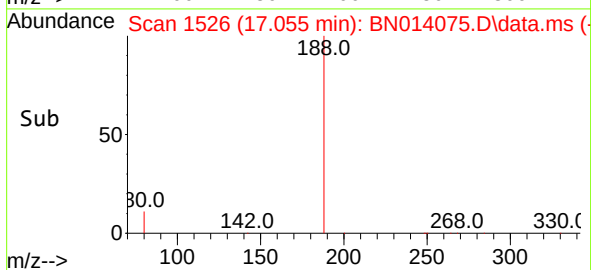
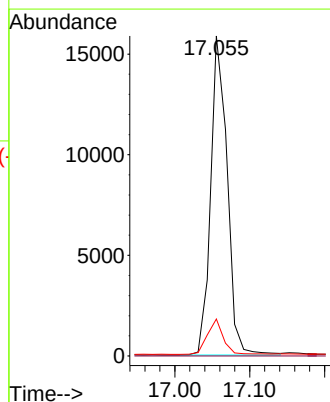
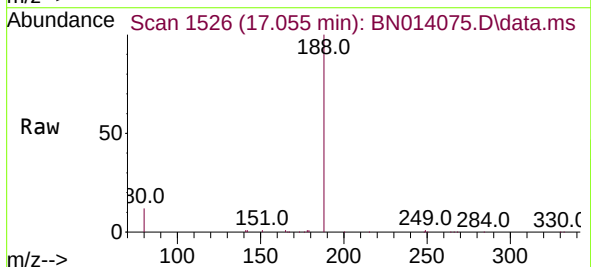
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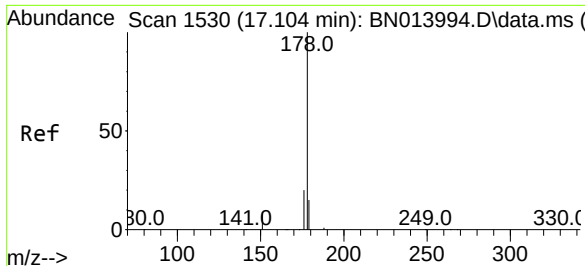
Tgt Ion:172	Resp:	13039
Ion Ratio	Lower	Upper
172	100	
171	34.8	28.6 42.8
170	23.8	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion:188	Resp:	24227
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.6	9.0 13.6

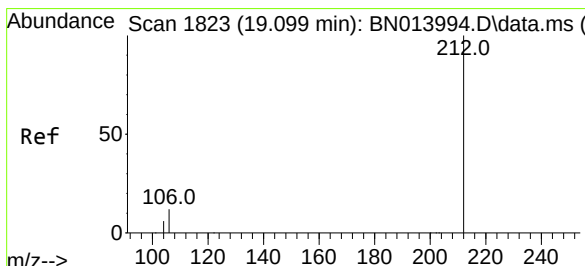
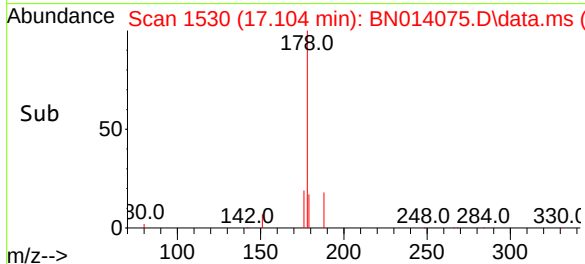
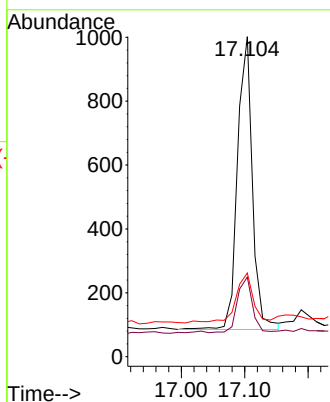
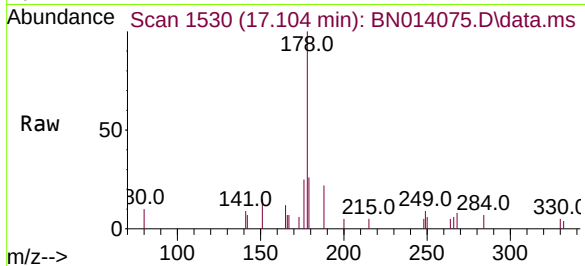




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

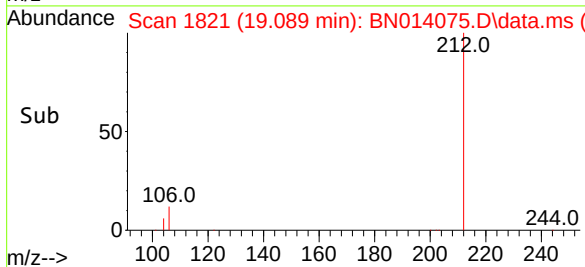
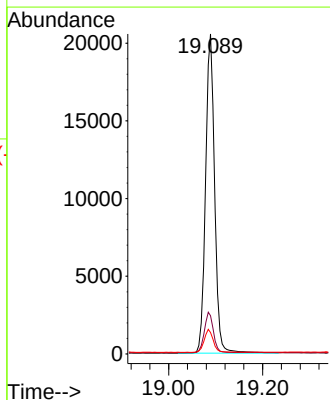
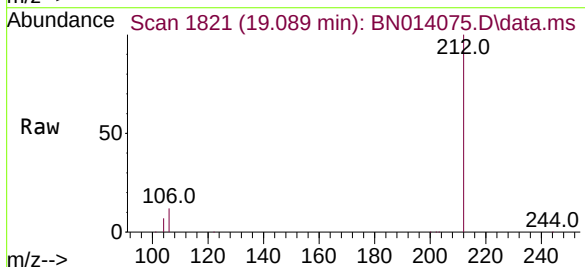
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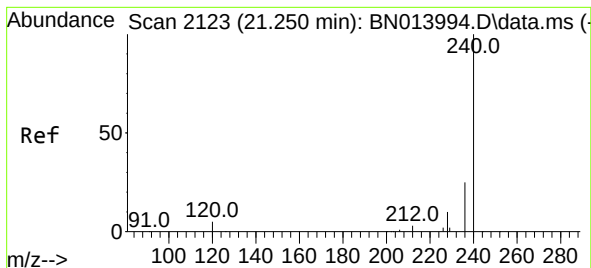
Tgt Ion:	178	Resp:	1508
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	20.0	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014075.D
Acq: 24 Mar 2021 17:59

Tgt Ion:	212	Resp:	27531
Ion Ratio	Lower	Upper	
212	100		
106	12.6	9.7	14.5
104	7.1	5.5	8.3





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.239 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BN014075.D

Acq: 24 Mar 2021 17:59

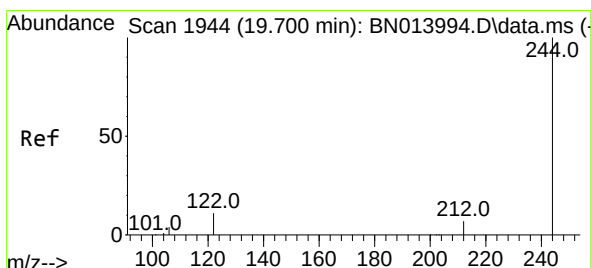
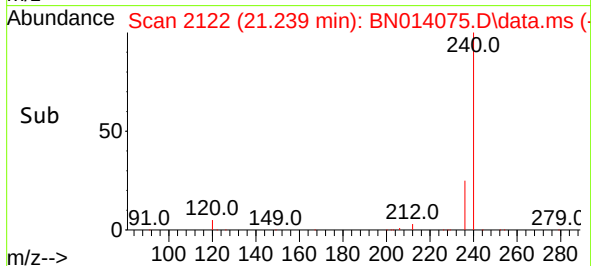
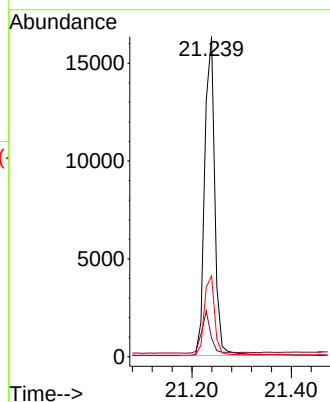
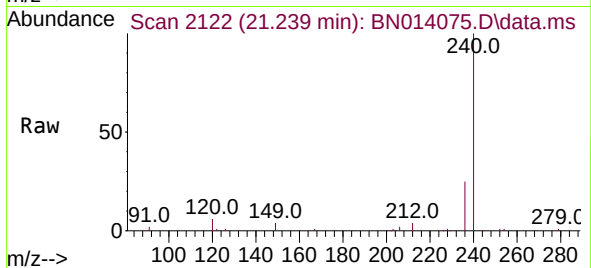
Tgt Ion:	240	Resp:	23034
Ion Ratio	Lower	Upper	
240	100		
120	5.8	10.2	15.4#
236	25.2	21.3	31.9

Instrument :

BNA_N

ClientSampleId :

RE-103D2-20210318



#31

Terphenyl-d14

Concen: 0.50 ng

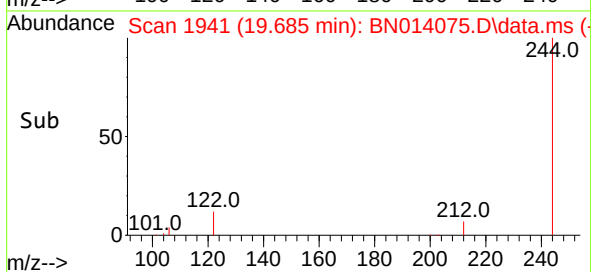
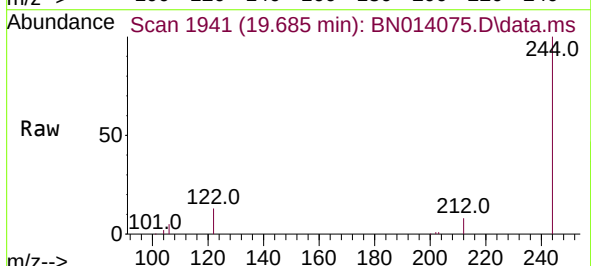
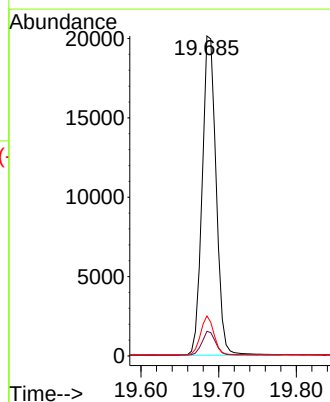
RT: 19.685 min Scan# 1941

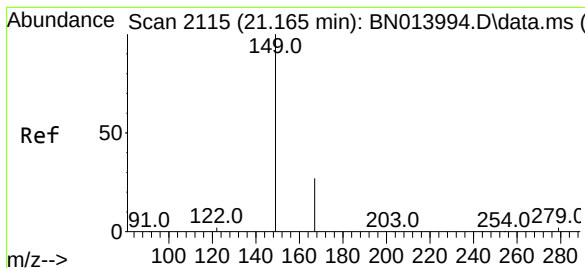
Delta R.T. -0.004 min

Lab File: BN014075.D

Acq: 24 Mar 2021 17:59

Tgt Ion:	244	Resp:	25228
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	12.5	9.8	14.8

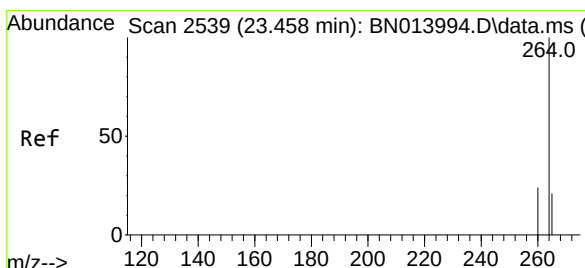
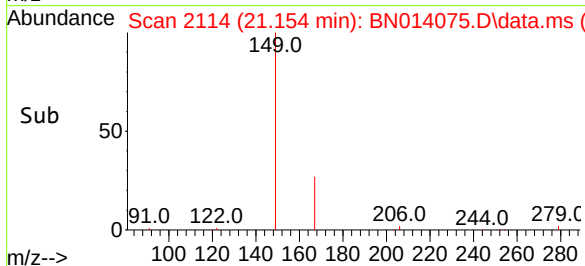
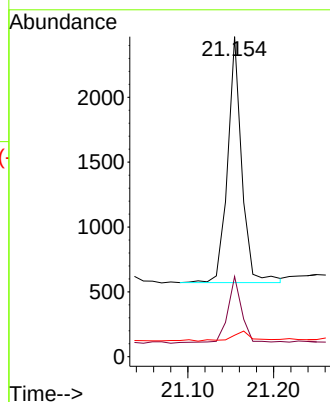
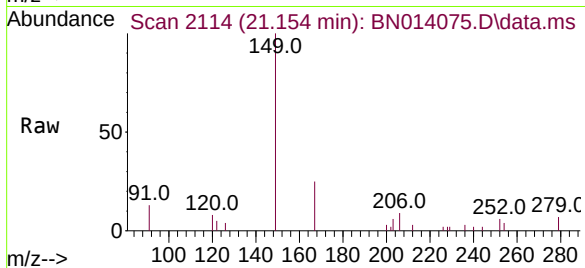




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014075.D
 Acq: 24 Mar 2021 17:59

Instrument :
 BNA_N
 ClientSampleId :
 RE-103D2-20210318

Tgt Ion:149 Resp: 2166
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 5.7 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: BN014075.D
 Acq: 24 Mar 2021 17:59

Tgt Ion:264 Resp: 21750
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 34.6 66.2 99.4#

