

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019076.D
 Acq On : 23 Mar 2022 03:55
 Operator : CG/JU
 Sample : N2041-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220317

Quant Time: Mar 23 04:52:20 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)

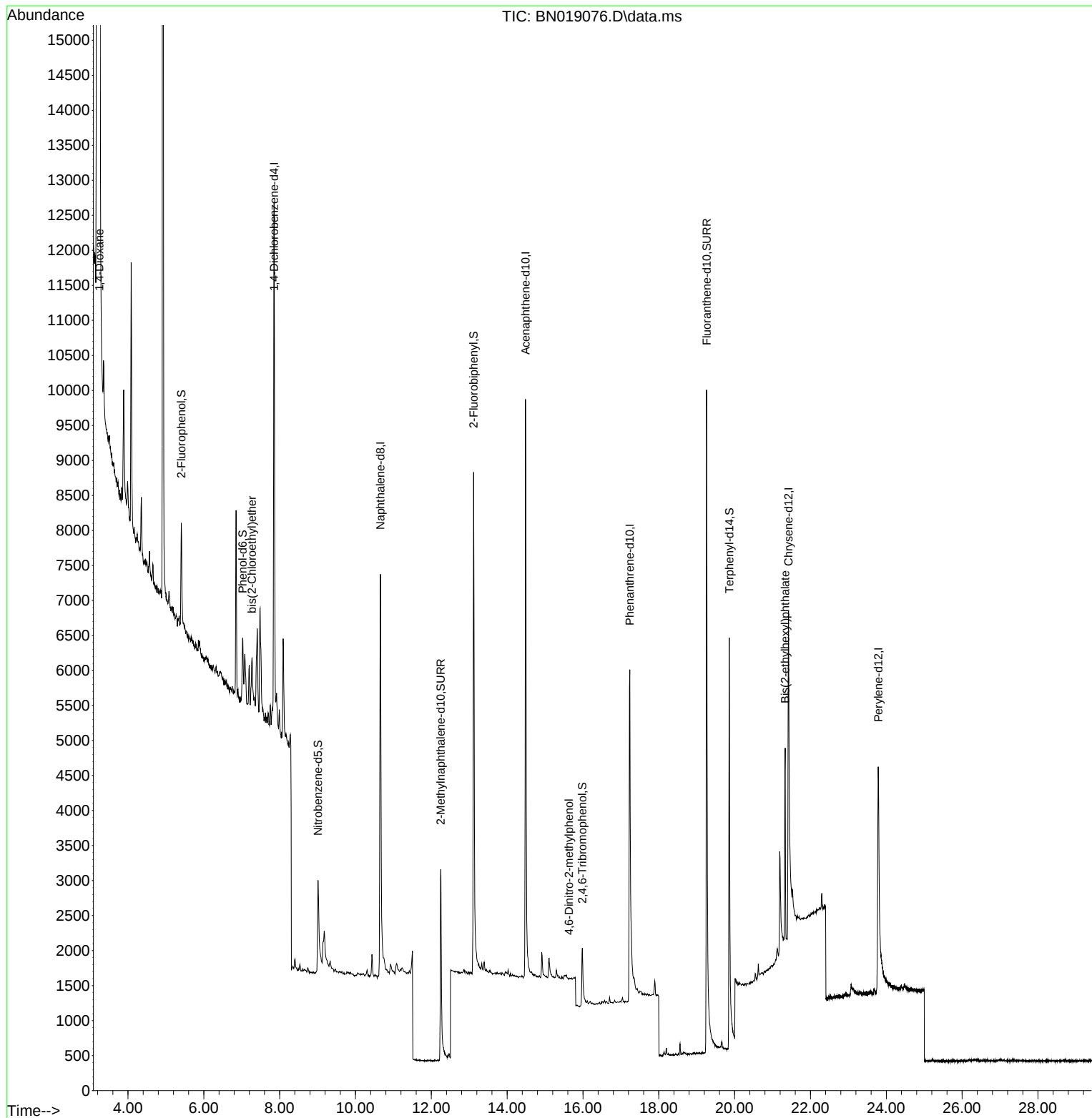
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3732	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9623	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5537	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10813	0.400	ng	0.00
29) Chrysene-d12	21.422	240	8886	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1380	0.165	ng	0.00
5) Phenol-d6	7.024	99	666	0.076	ng	0.01
8) Nitrobenzene-d5	9.014	82	1907	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	5286	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	712	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7574	0.341	ng	-0.01
27) Fluoranthene-d10	19.261	212	14486	0.451	ng	0.00
31) Terphenyl-d14	19.860	244	9366	0.429	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	33124	7.182	ng	96
6) bis(2-Chloroethyl)ether	7.270	93	489	0.047	ng	99
20) 4,6-Dinitro-2-methylph...	15.629	198	1	0.110	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	2722	0.150	ng	# 99

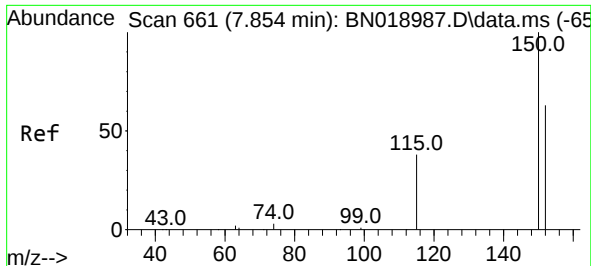
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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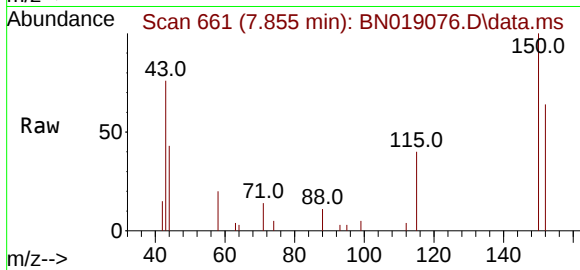
Quant Time: Mar 23 04:52:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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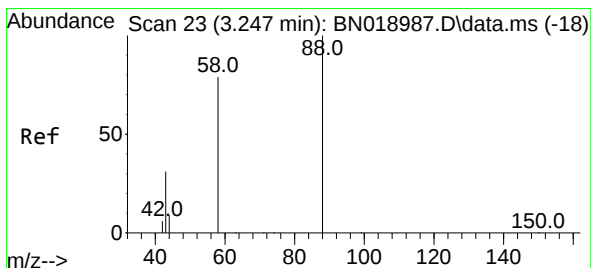
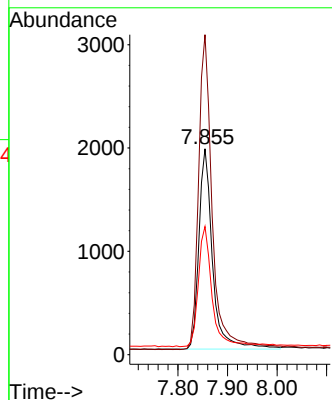
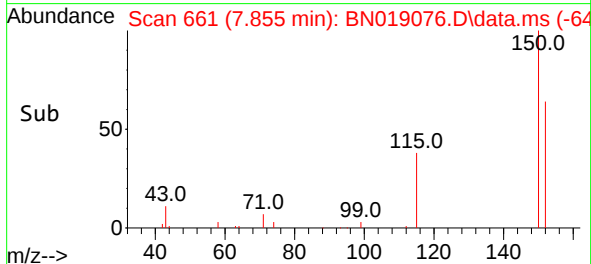


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220317

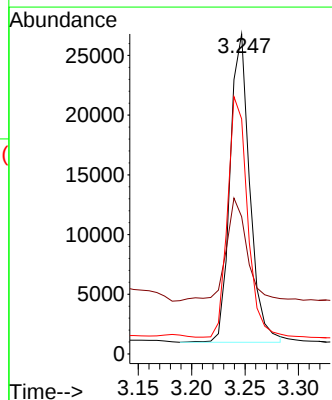
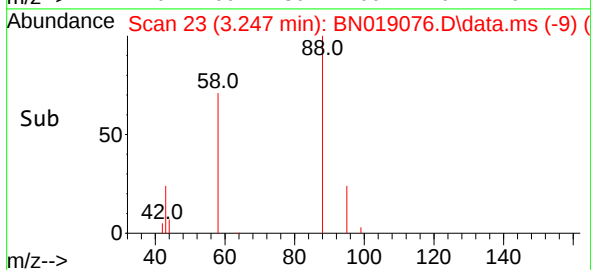
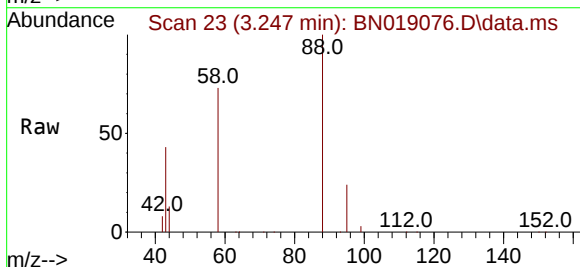


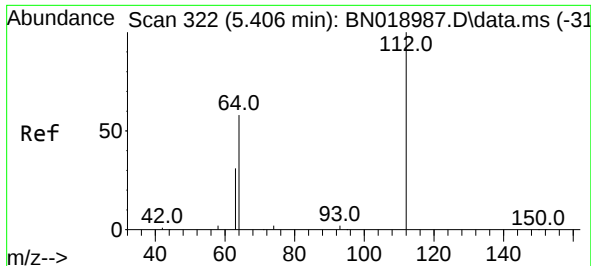
Tgt Ion:152 Resp: 3732
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.9 185.9
 115 62.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 7.182 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

Tgt Ion: 88 Resp: 33124
 Ion Ratio Lower Upper
 88 100
 43 34.7 24.6 37.0
 58 78.8 65.4 98.2

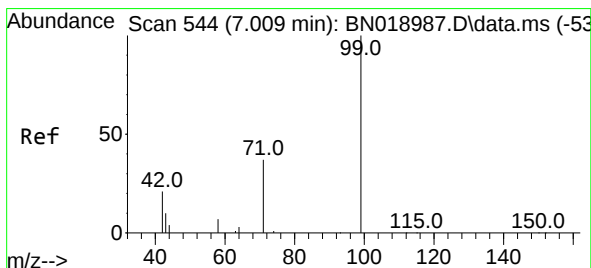
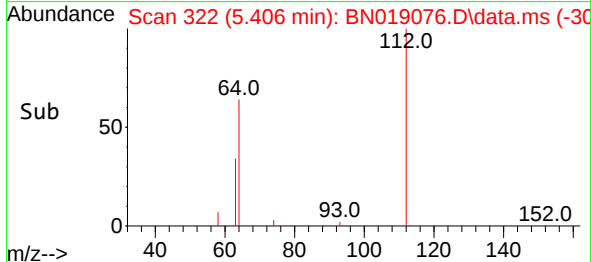
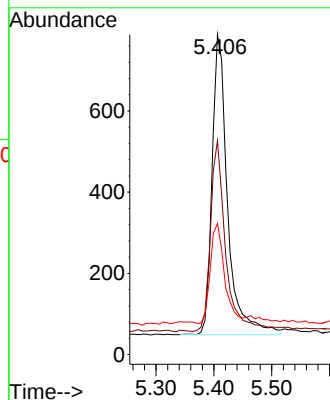
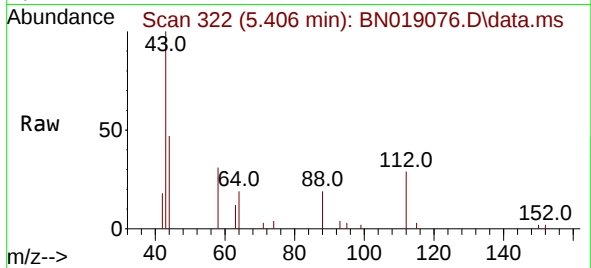




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

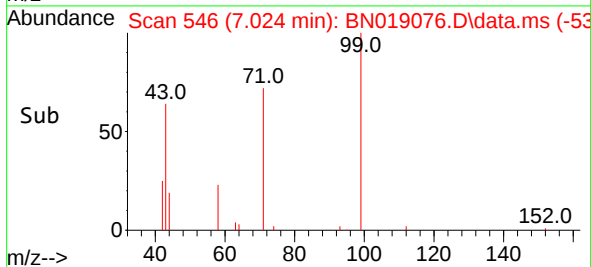
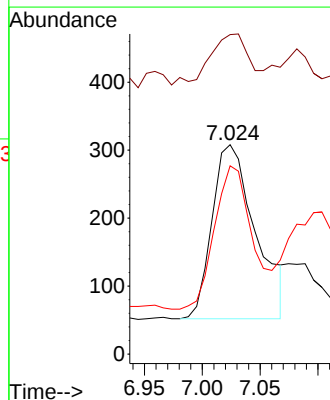
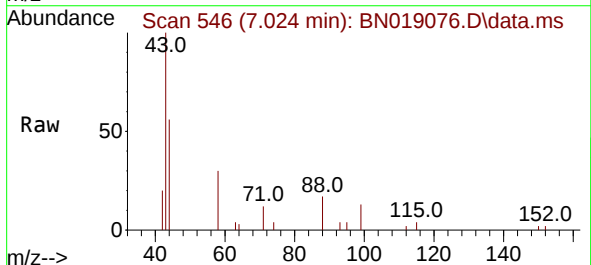
Instrument :
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ClientSampleId :
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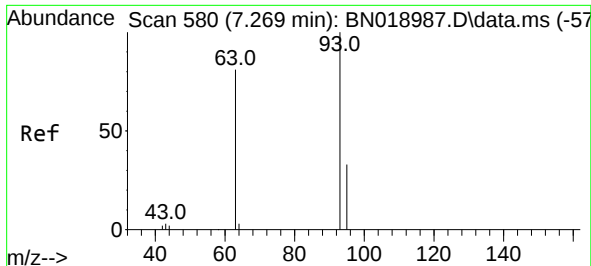
Tgt Ion:112 Resp: 1380
Ion Ratio Lower Upper
112 100
64 62.9 47.8 71.8
63 30.4 25.7 38.5



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.015 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

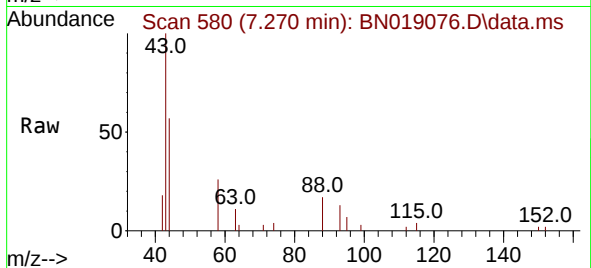
Tgt Ion: 99 Resp: 666
Ion Ratio Lower Upper
99 100
42 22.7 16.2 24.4
71 72.2 27.7 41.5#



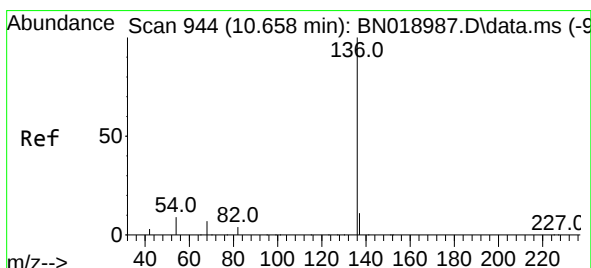
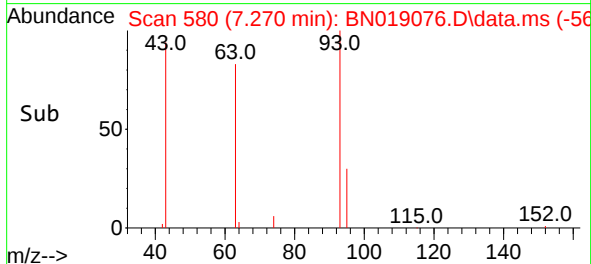
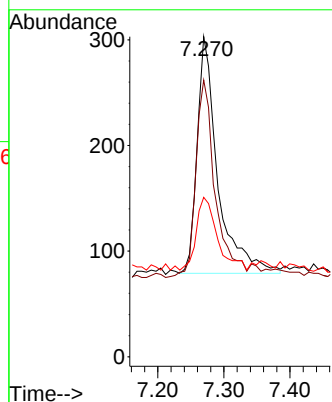


#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.270 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Instrument :
BNA_N
ClientSampleId :
RE115D2-20220317

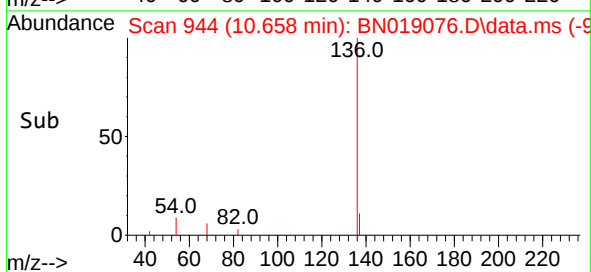
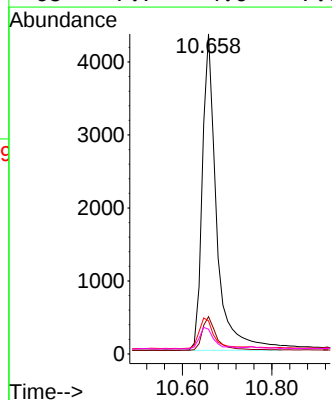
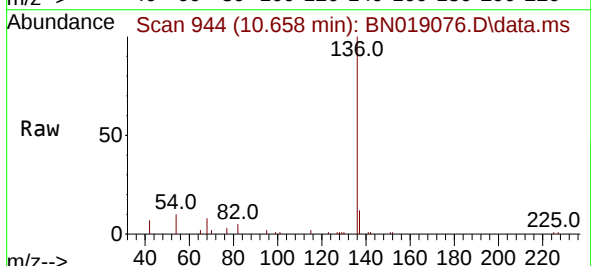


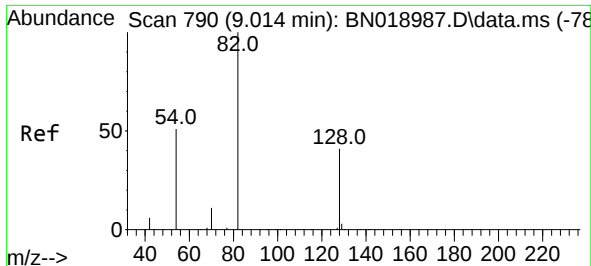
Tgt Ion:	93	Resp:	489
Ion	Ratio	Lower	Upper
93	100		
63	78.1	62.8	94.2
95	30.9	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Tgt Ion:	136	Resp:	9623
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.4	5.8	8.6#
68	7.7	4.6	7.0#

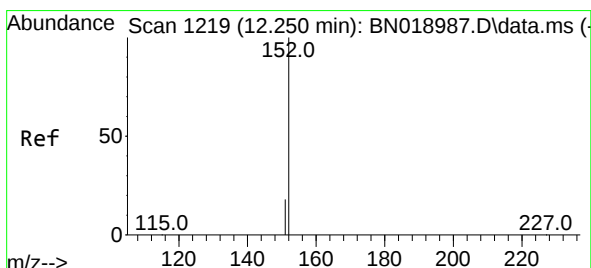
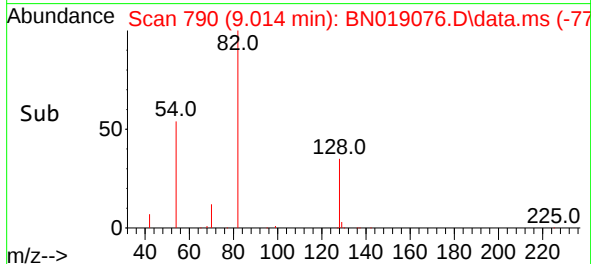
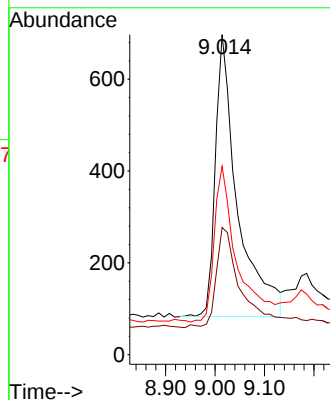
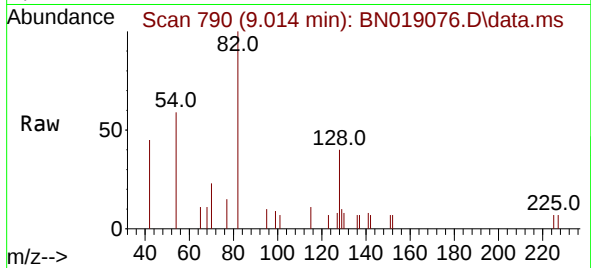




#8
 Nitrobenzene-d5
 Concen: 0.275 ng
 RT: 9.014 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

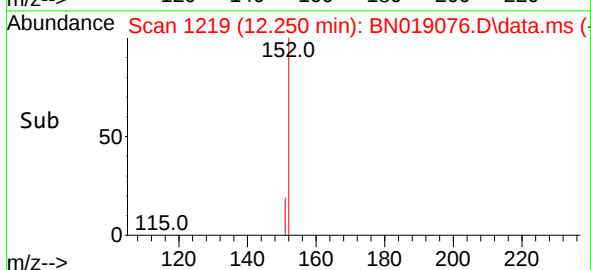
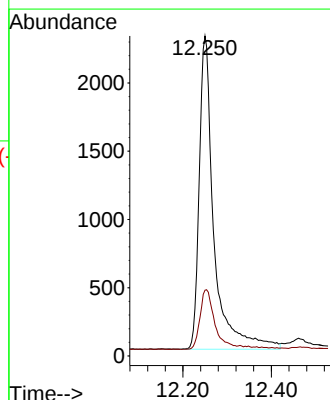
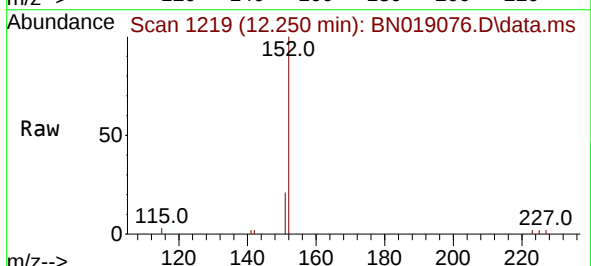
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 ClientSampleId :
 RE115D2-20220317

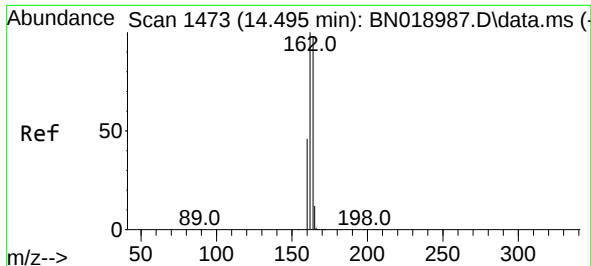
Tgt Ion: 82 Resp: 1907
 Ion Ratio Lower Upper
 82 100
 128 39.7 33.0 49.6
 54 58.8 42.5 63.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 12.250 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

Tgt Ion: 152 Resp: 5286
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.5 24.7

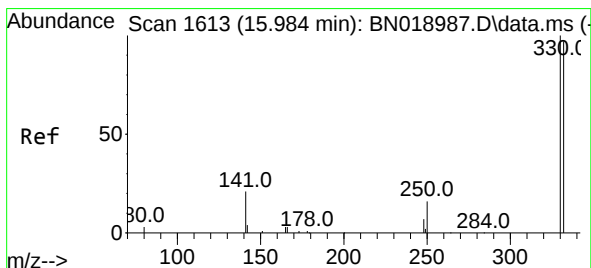
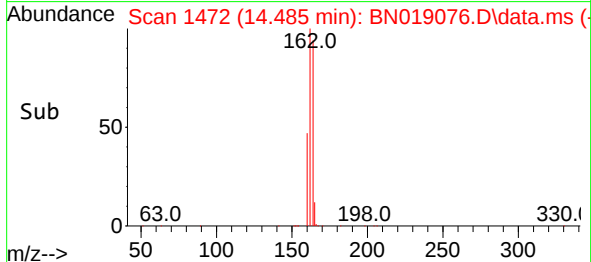
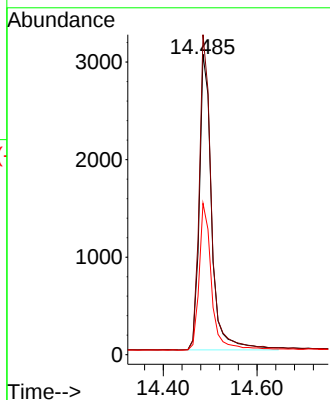
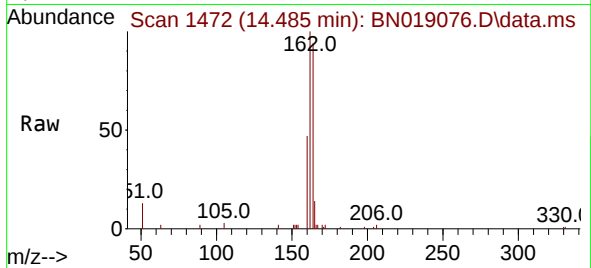




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

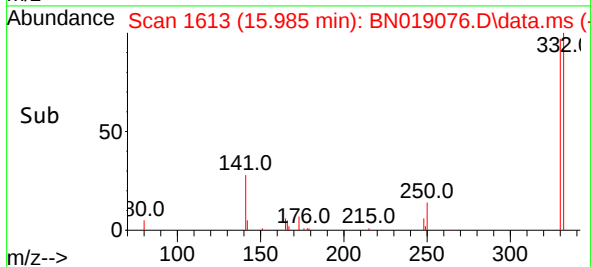
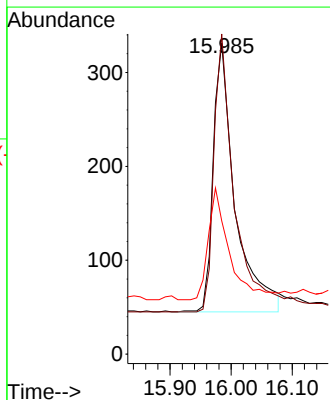
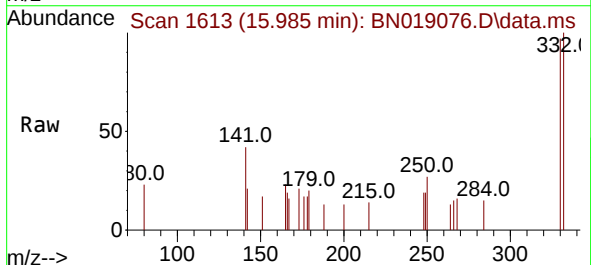
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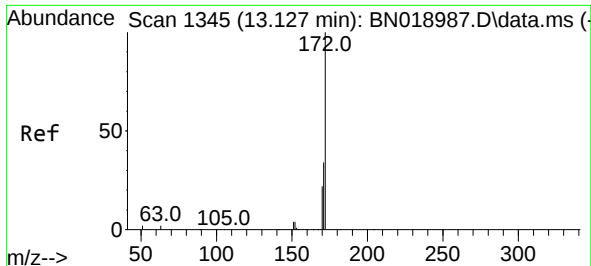
Tgt Ion:164 Resp: 5537
Ion Ratio Lower Upper
164 100
162 106.5 85.2 127.8
160 50.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Tgt Ion:330 Resp: 712
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 40.3 32.2 48.2

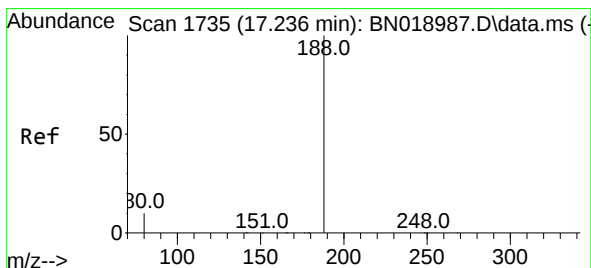
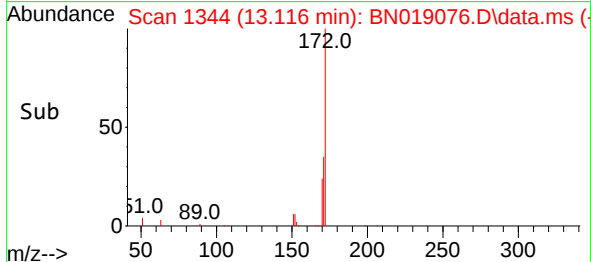
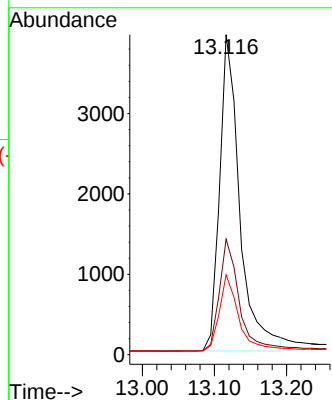
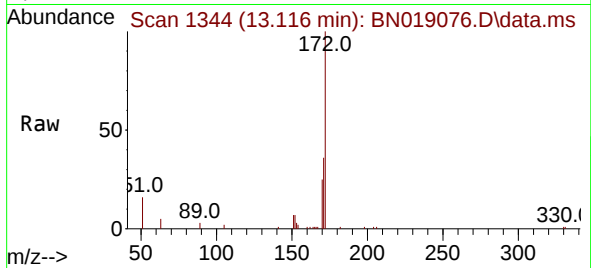




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

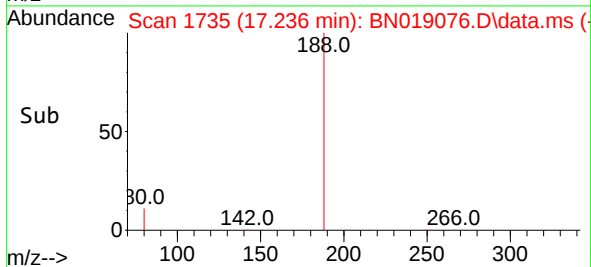
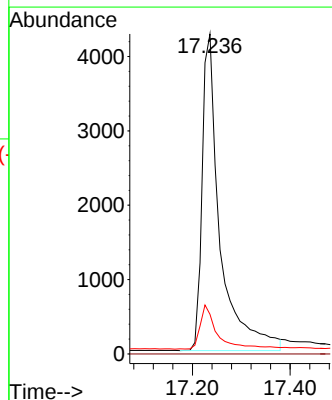
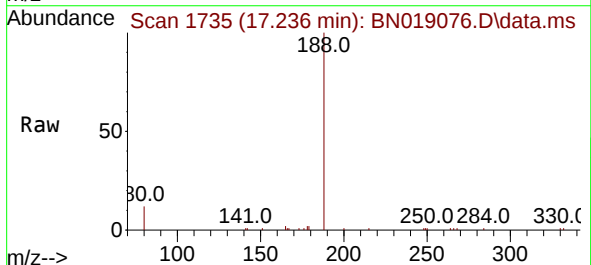
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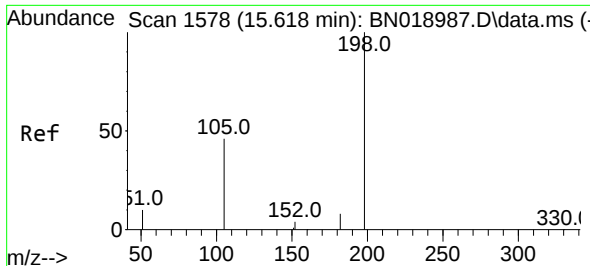
Tgt Ion:172 Resp: 7574
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 25.0 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Tgt Ion:188 Resp: 10813
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 11.8 17.8

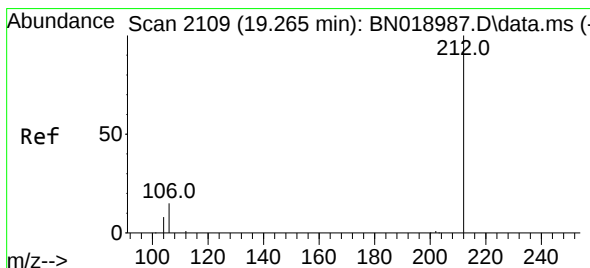
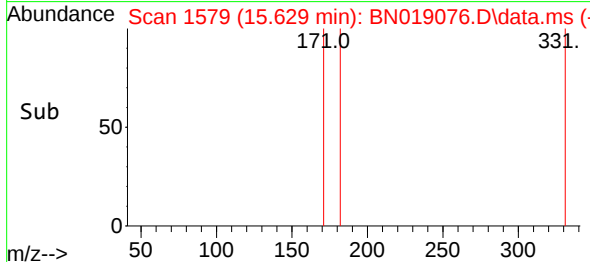
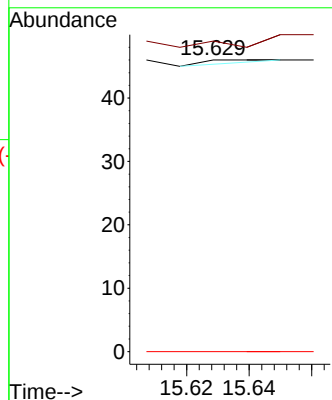
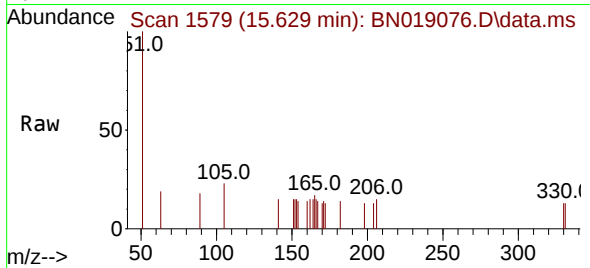




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.629 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

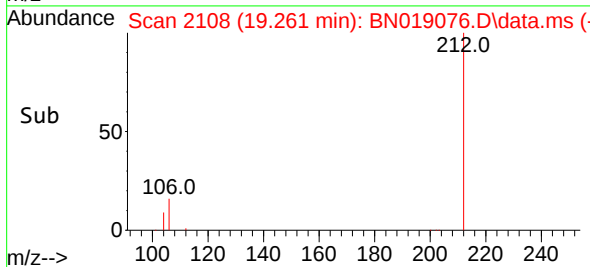
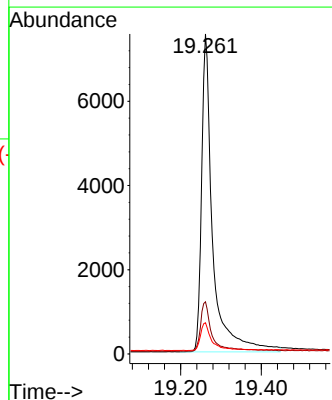
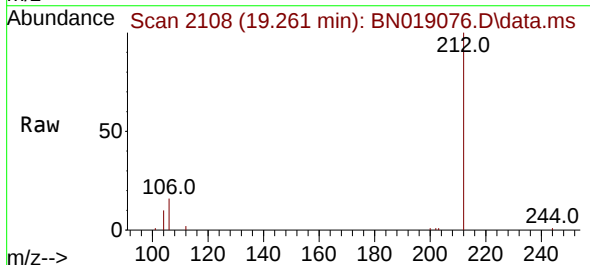
Instrument :
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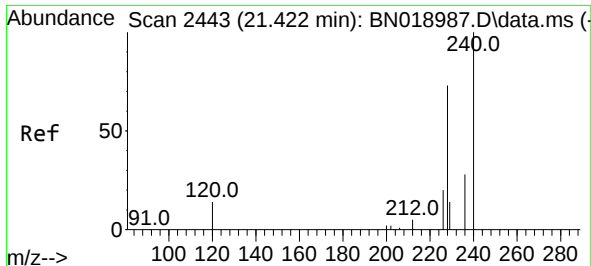
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 106.5 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.451 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Tgt Ion:212 Resp: 14486
Ion Ratio Lower Upper
212 100
106 16.1 12.7 19.1
104 8.7 7.1 10.7

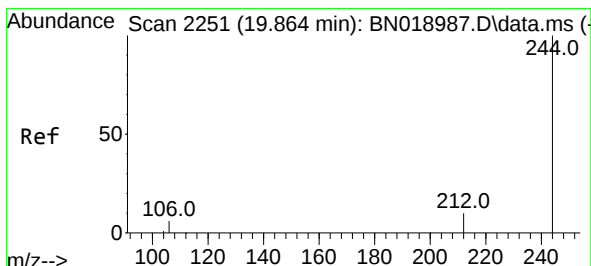
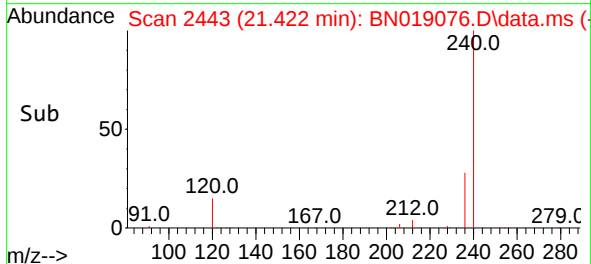
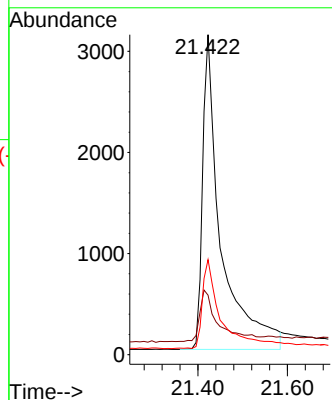
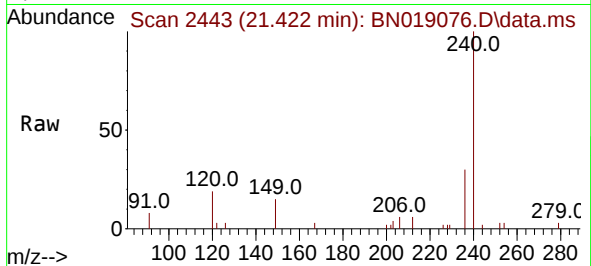




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

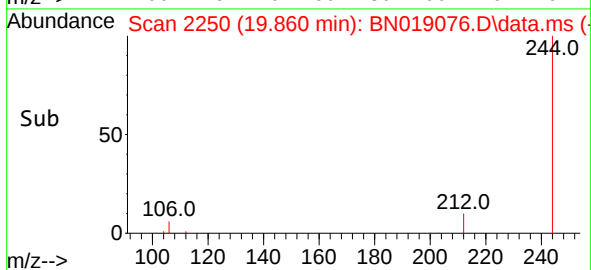
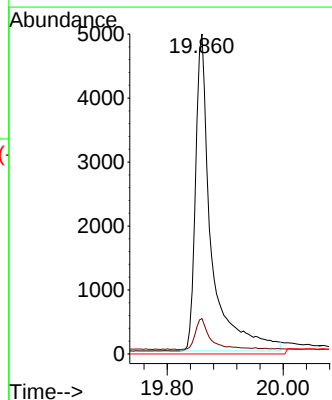
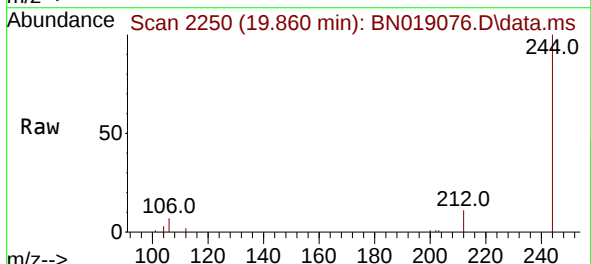
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220317

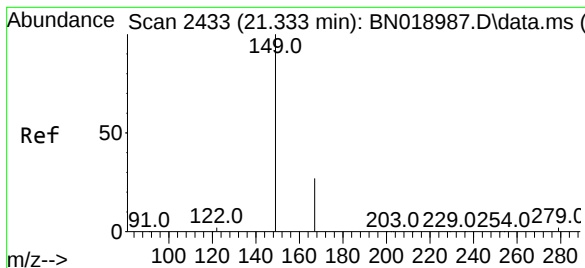
Tgt Ion:240 Resp: 8886
Ion Ratio Lower Upper
240 100
120 18.6 8.5 12.7#
236 29.7 22.4 33.6



#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019076.D
Acq: 23 Mar 2022 03:55

Tgt Ion:244 Resp: 9366
Ion Ratio Lower Upper
244 100
212 11.1 8.2 12.4
122 0.0 0.0 0.0

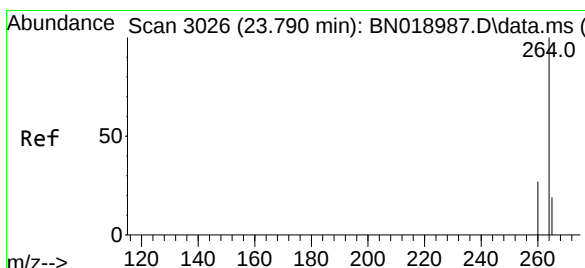
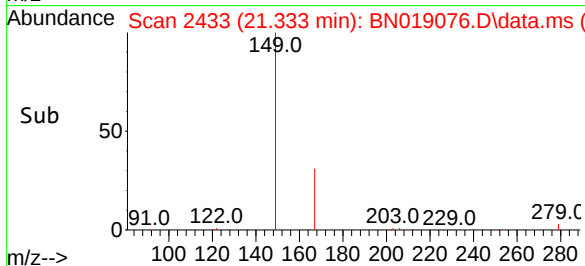
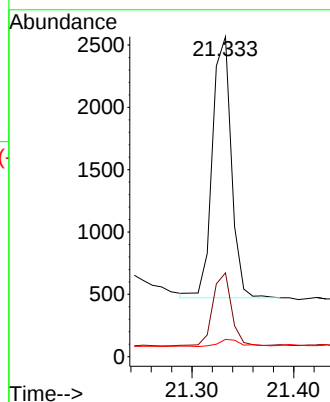
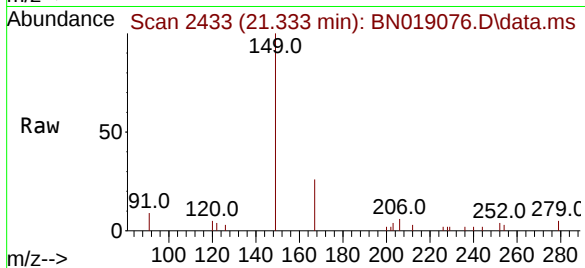




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220317

Tgt Ion:	149	Resp:	2722
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.8	32.8
279	3.5	2.0	3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019076.D
 Acq: 23 Mar 2022 03:55

Tgt Ion:	264	Resp:	7395
Ion Ratio	Lower	Upper	
264	100		
260	28.9	22.4	33.6
265	48.2	25.3	37.9#

