

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019101.D
 Acq On : 23 Mar 2022 20:48
 Operator : CG/JU
 Sample : N2074-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20220318

Quant Time: Mar 24 05:32:25 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)

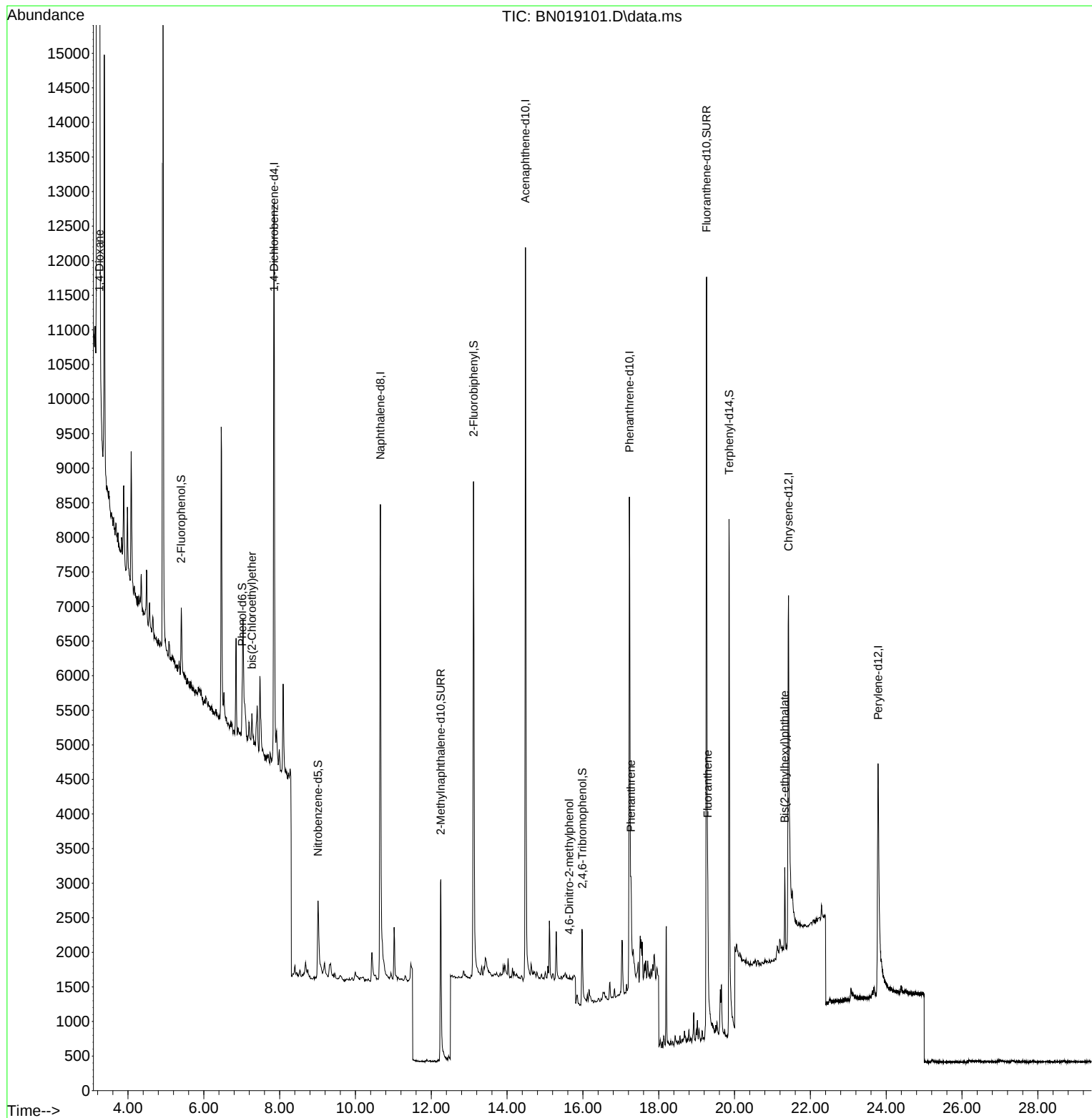
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4287	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10935	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6565	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	12801	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	9950	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	7888	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	982	0.102	ng	0.00
5) Phenol-d6	7.009	99	578	0.057	ng	0.00
8) Nitrobenzene-d5	9.014	82	1593	0.202	ng	0.00
11) 2-Methylnaphthalene-d10	12.249	152	4546	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	848	0.268	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7043	0.268	ng	-0.01
27) Fluoranthene-d10	19.261	212	16074	0.423	ng	0.00
31) Terphenyl-d14	19.855	244	11160	0.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	16501	3.114	ng	98
6) bis(2-Chloroethyl)ether	7.269	93	378	0.032	ng	97
20) 4,6-Dinitro-2-methylph...	15.639	198	1	0.110	ng	# 1
25) Phenanthrene	17.266	178	1091	0.027	ng	96
28) Fluoranthene	19.291	202	1280	0.027	ng	95
34) Bis(2-ethylhexyl)phtha...	21.324	149	1028	0.051	ng	# 94

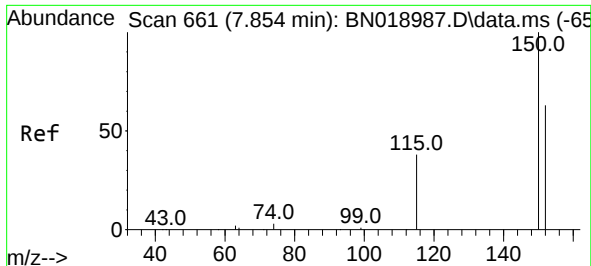
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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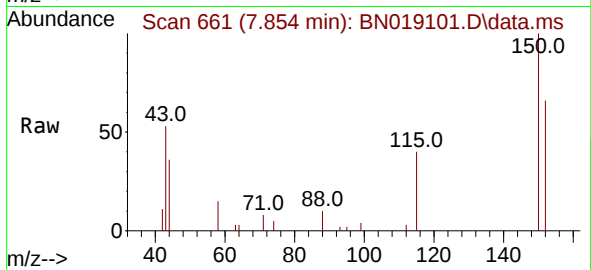
Quant Time: Mar 24 05:32:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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QLast Update : Thu Mar 17 13:18:23 2022
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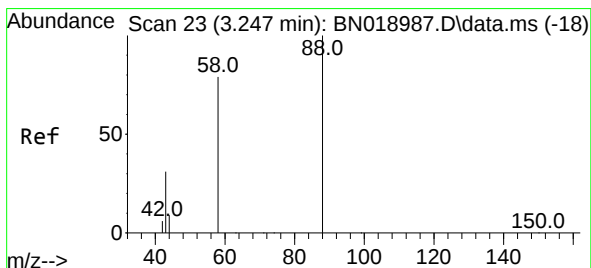
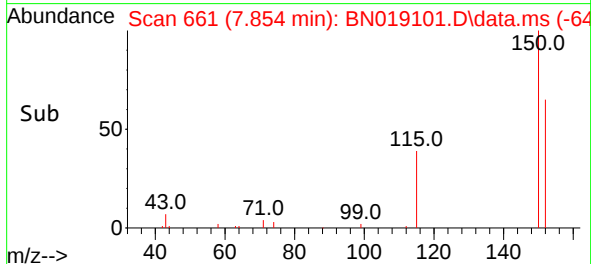
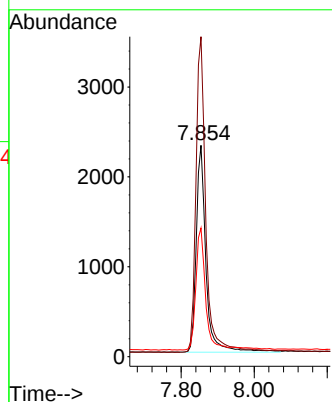
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019101.D
 Acq: 23 Mar 2022 20:48

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20220318



Tgt Ion:152 Resp: 4287

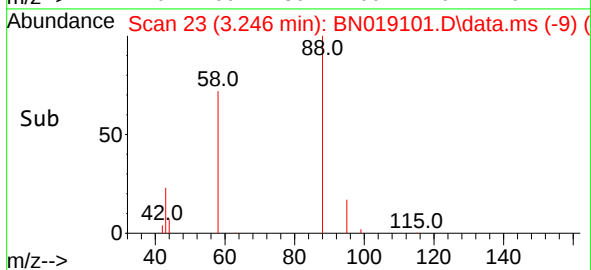
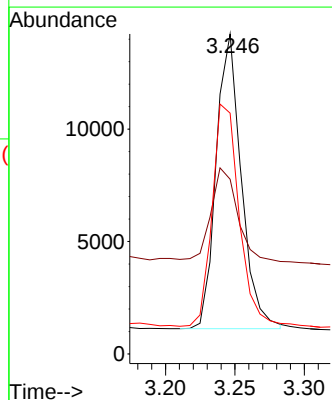
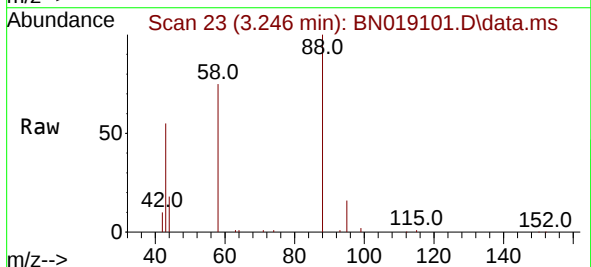
Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.9	185.9
115	60.8	48.2	72.4

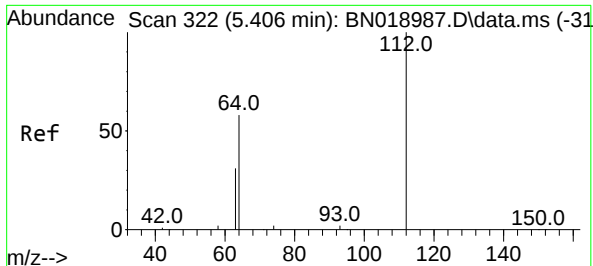


#2
 1,4-Dioxane
 Concen: 3.114 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019101.D
 Acq: 23 Mar 2022 20:48

Tgt Ion: 88 Resp: 16501

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.6	37.0
58	80.4	65.4	98.2





#4

2-Fluorophenol

Concen: 0.102 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN019101.D

Acq: 23 Mar 2022 20:48

Instrument :

BNA_N

ClientSampleId :

TT180D2-20220318

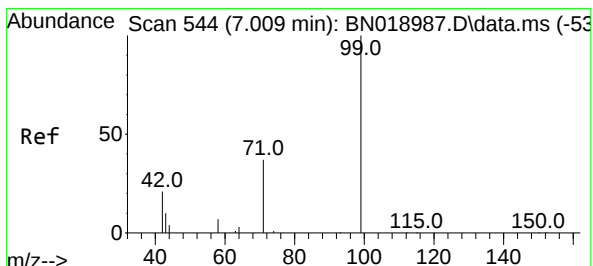
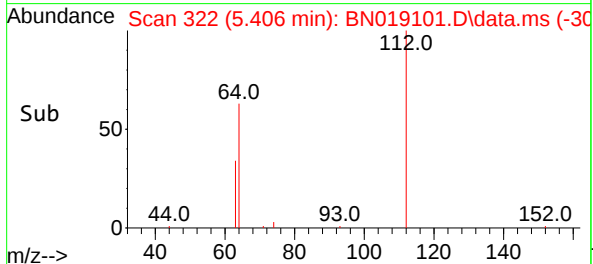
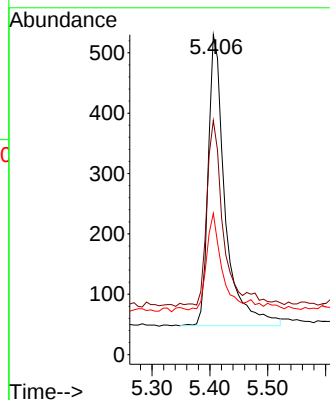
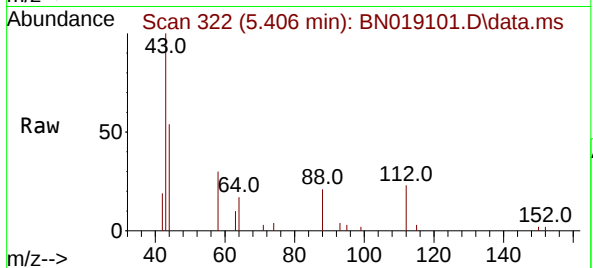
Tgt Ion:112 Resp: 982

Ion Ratio Lower Upper

112 100

64 56.2 47.8 71.8

63 29.2 25.7 38.5



#5

Phenol-d6

Concen: 0.057 ng

RT: 7.009 min Scan# 544

Delta R.T. -0.000 min

Lab File: BN019101.D

Acq: 23 Mar 2022 20:48

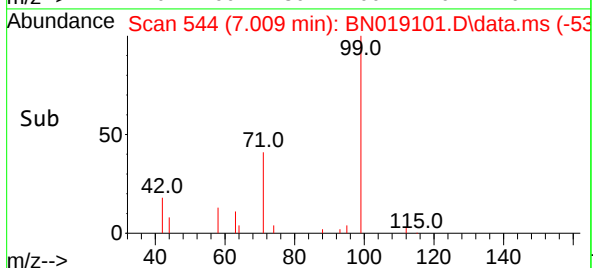
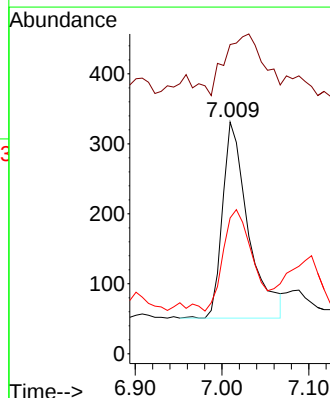
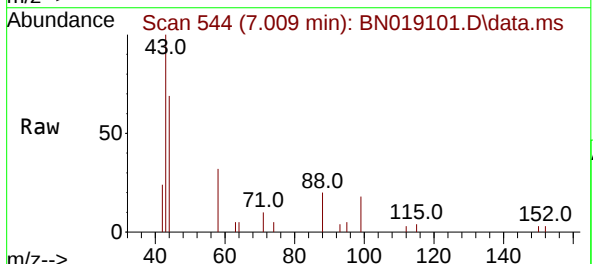
Tgt Ion: 99 Resp: 578

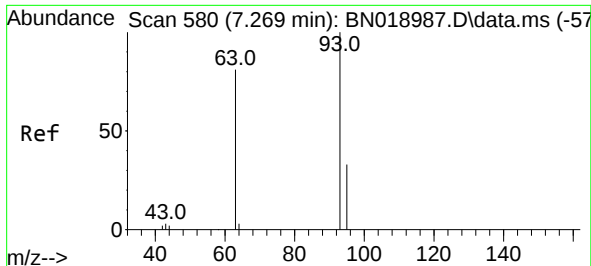
Ion Ratio Lower Upper

99 100

42 0.0 16.2 24.4#

71 58.0 27.7 41.5#

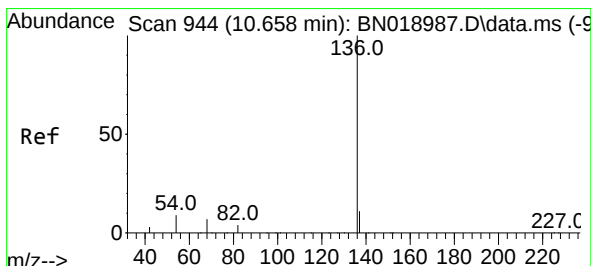
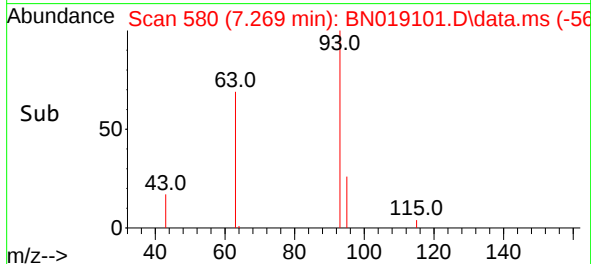
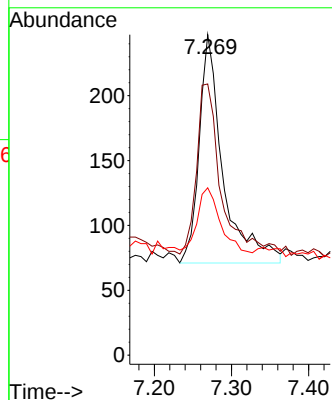
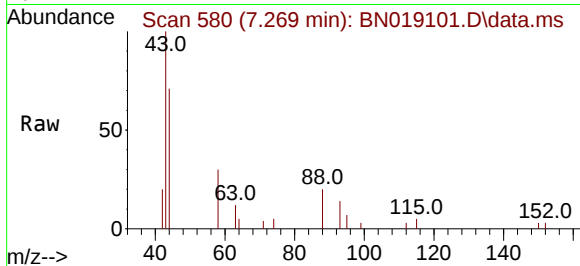




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

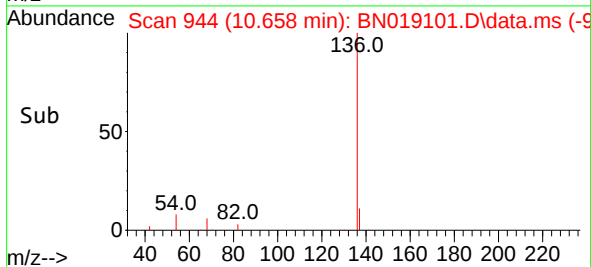
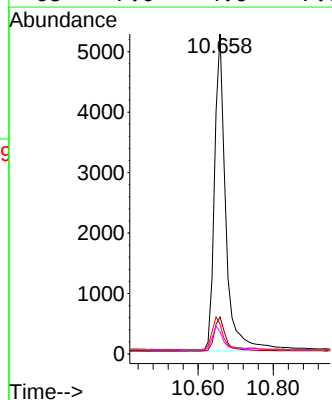
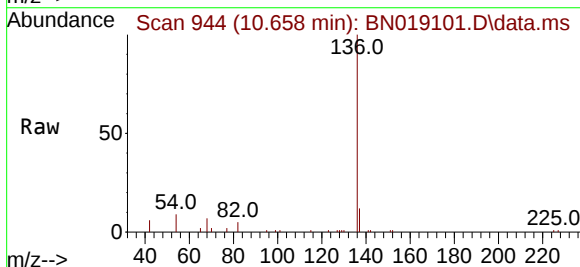
Instrument :
BNA_N
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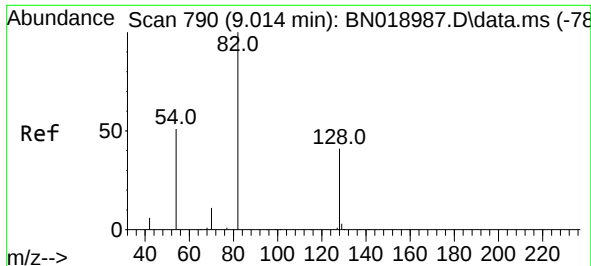
Tgt Ion:	93	Resp:	378
Ion	Ratio	Lower	Upper
93	100		
63	79.9	62.8	94.2
95	29.1	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:	136	Resp:	10935
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.3	5.8	8.6
68	7.0	4.6	7.0

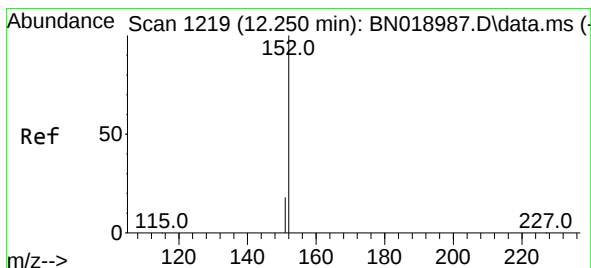
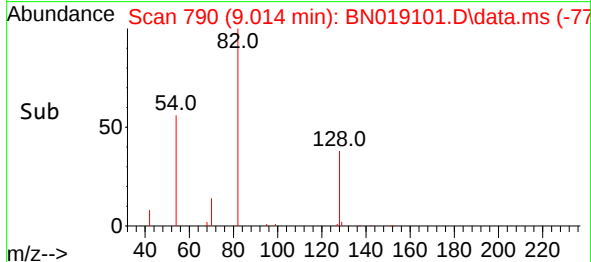
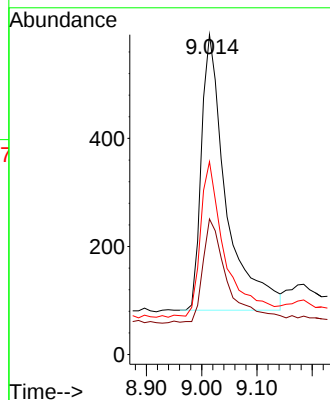
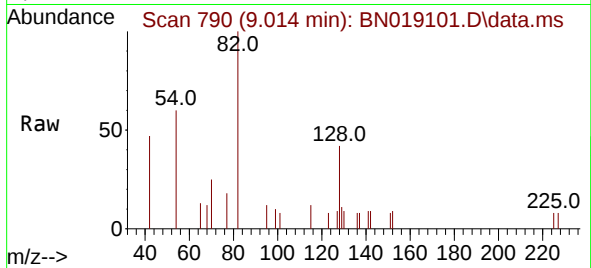




#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

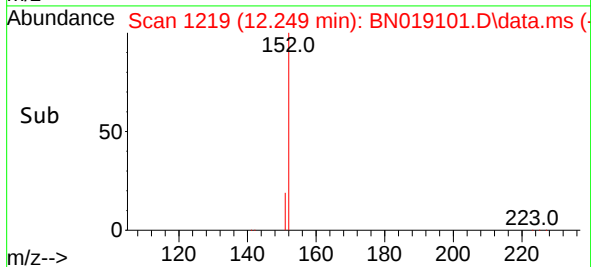
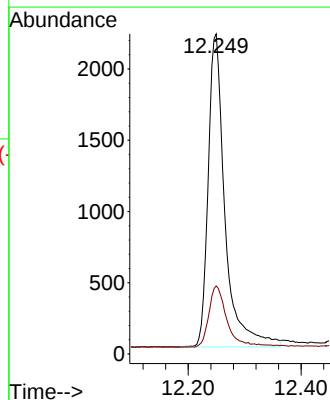
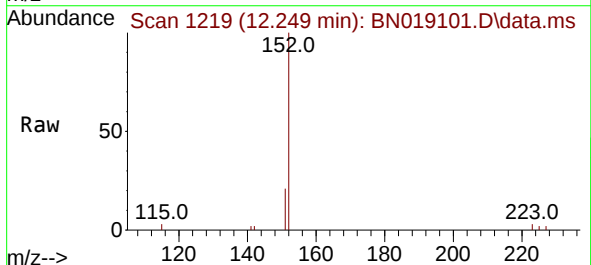
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BNA_N
ClientSampleId :
TT180D2-20220318

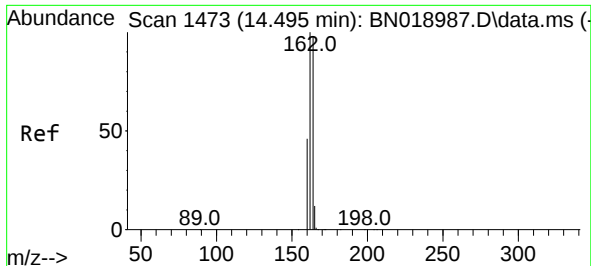
Tgt Ion: 82 Resp: 1593
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.6
54 60.3 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.249 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion: 152 Resp: 4546
Ion Ratio Lower Upper
152 100
151 21.1 16.5 24.7

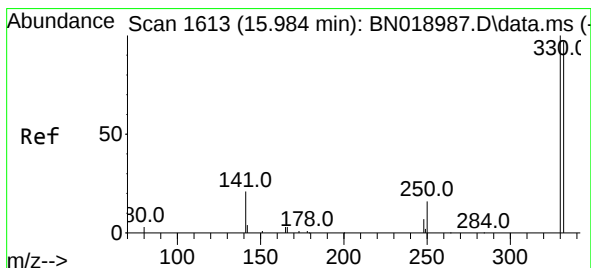
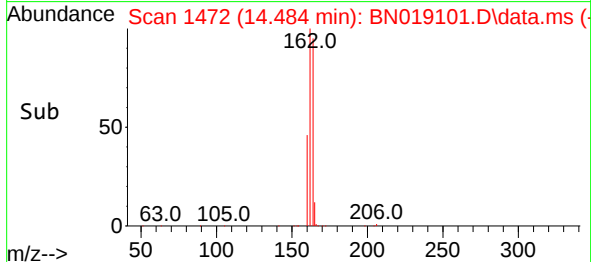
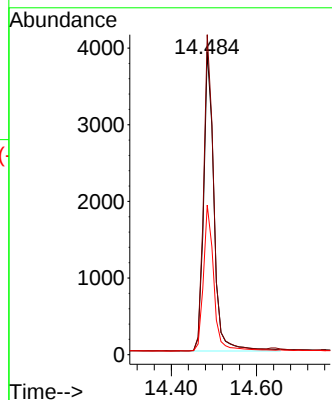
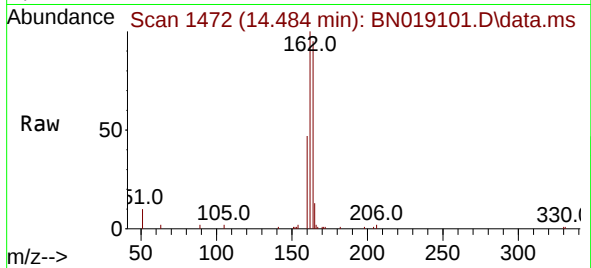




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

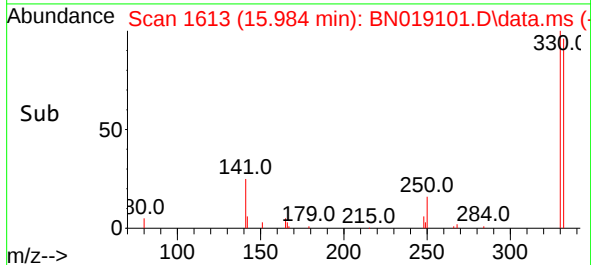
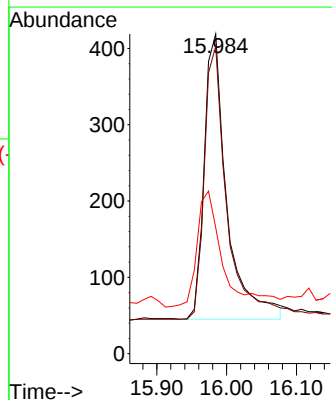
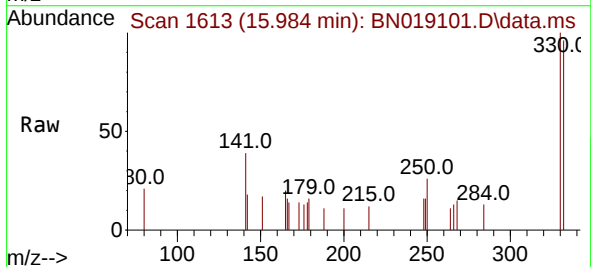
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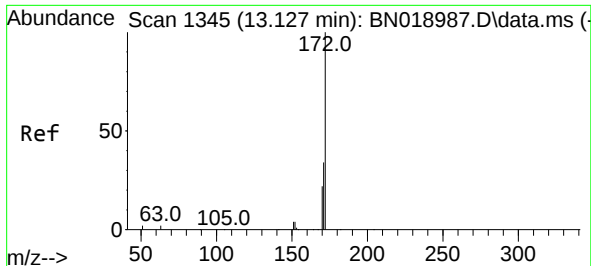
Tgt Ion:164 Resp: 6565
Ion Ratio Lower Upper
164 100
162 105.7 85.2 127.8
160 49.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:330 Resp: 848
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 45.4 32.2 48.2

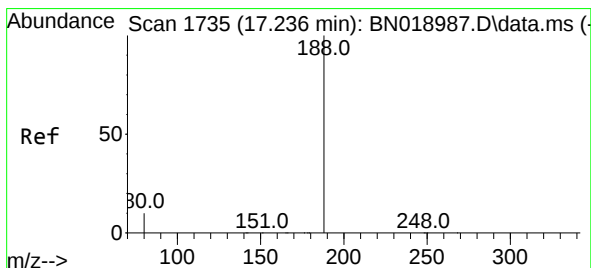
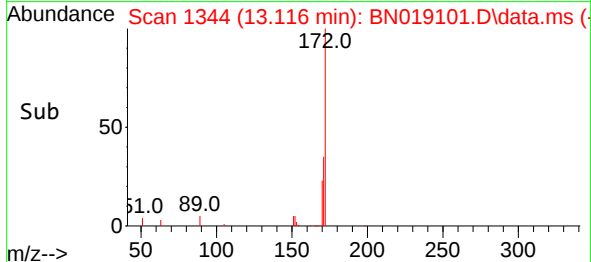
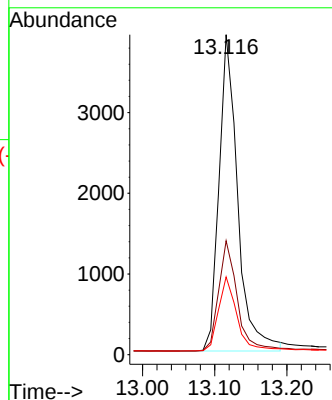
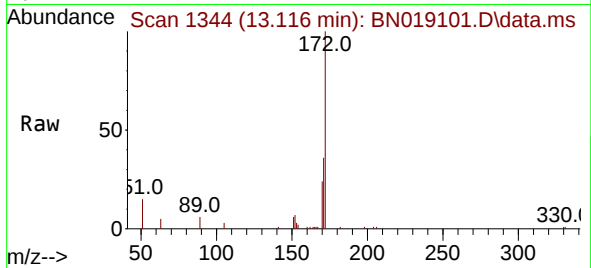




#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

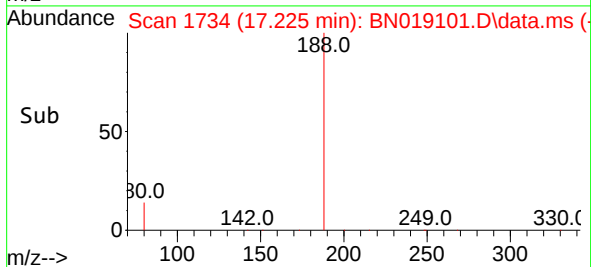
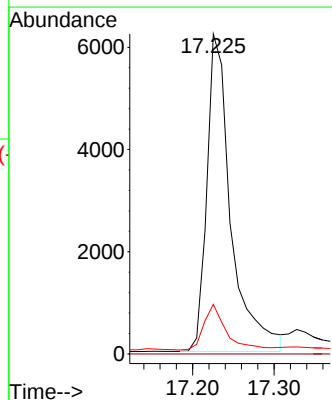
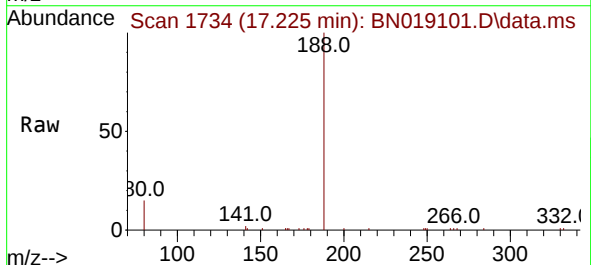
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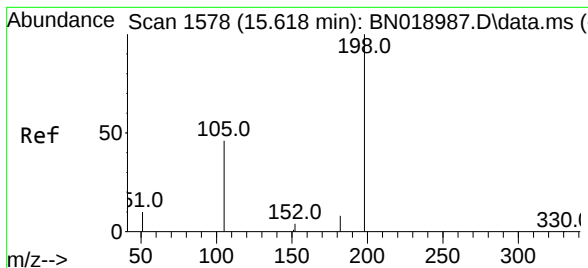
Tgt Ion:172 Resp: 7043
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:188 Resp: 12801
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 11.8 17.8

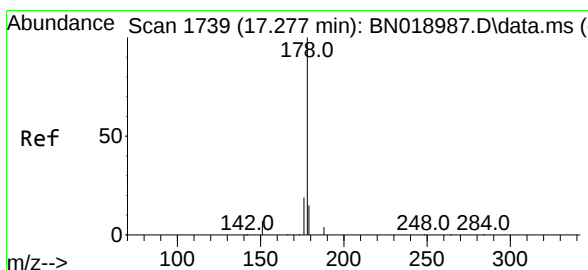
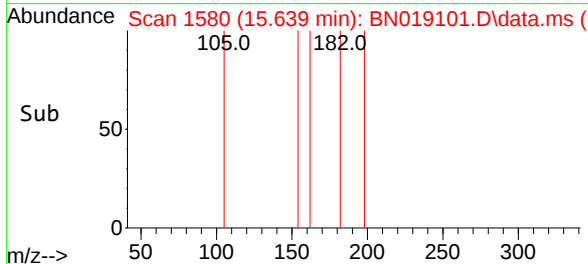
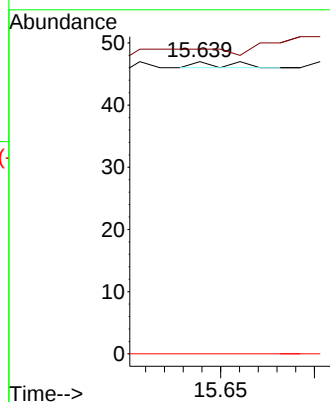
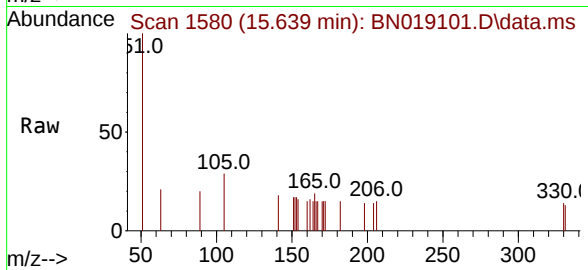




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.639 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

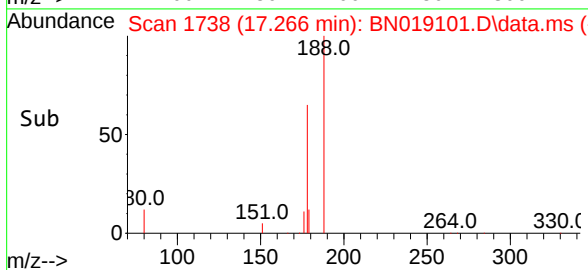
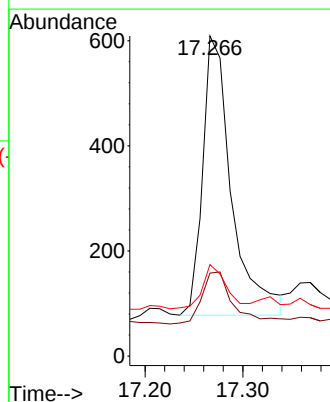
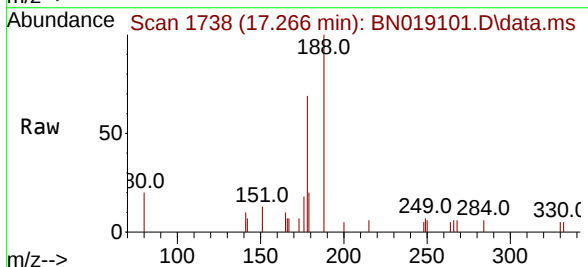
Instrument :
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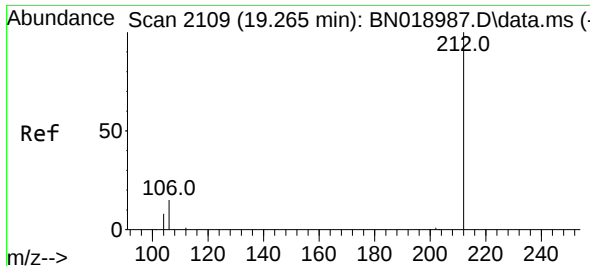
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 13.0 19.4#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:178 Resp: 1091
Ion Ratio Lower Upper
178 100
176 20.9 15.4 23.0
179 13.8 12.2 18.2

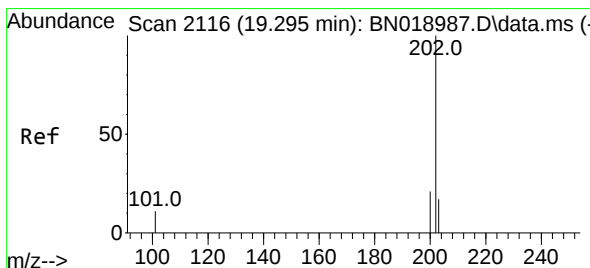
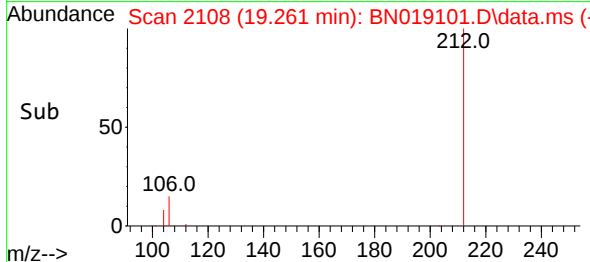
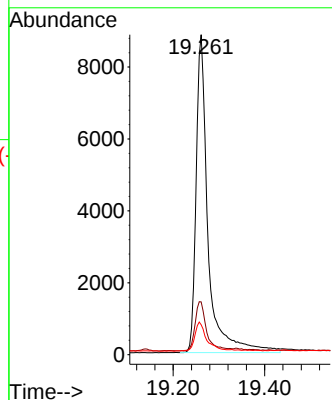
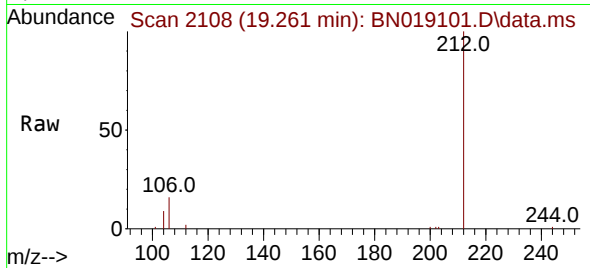




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

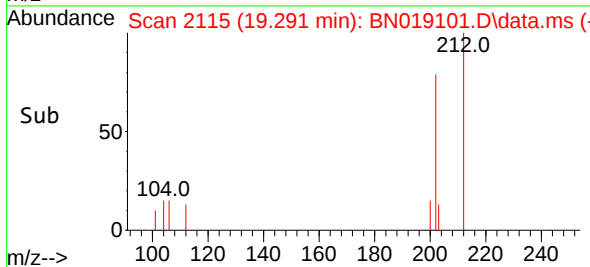
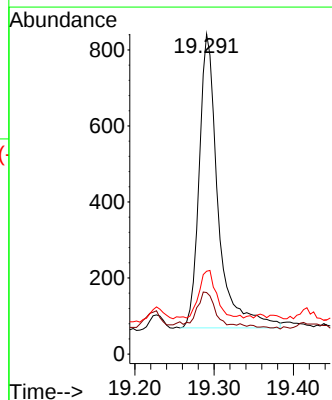
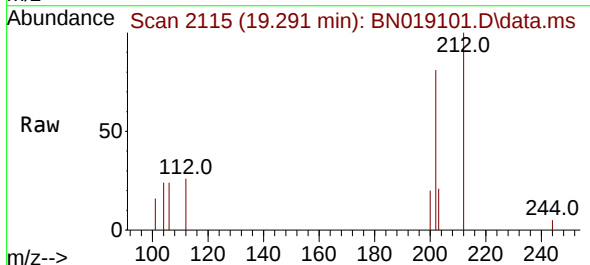
Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

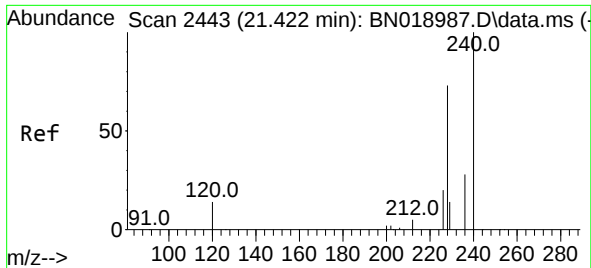
Tgt Ion:212 Resp: 16074
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 9.8 7.1 10.7



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:202 Resp: 1280
Ion Ratio Lower Upper
202 100
101 9.8 9.8 14.6
203 15.6 13.7 20.5

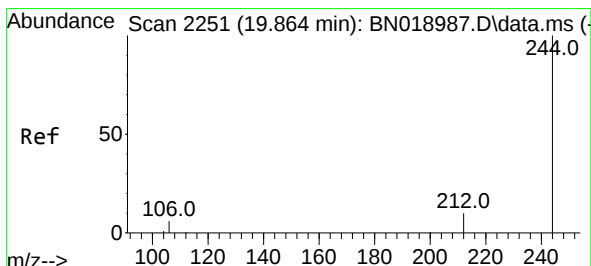
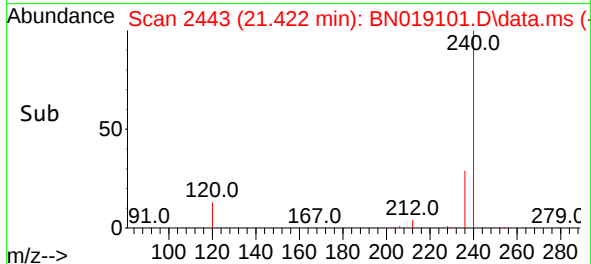
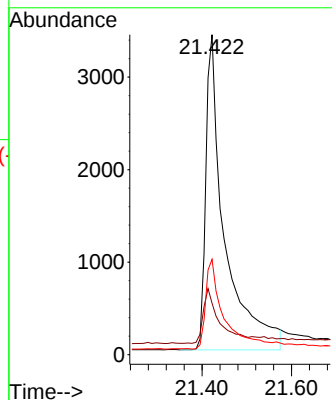
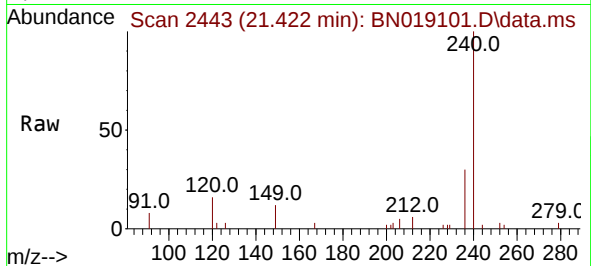




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

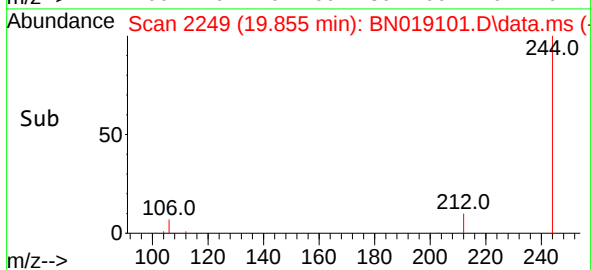
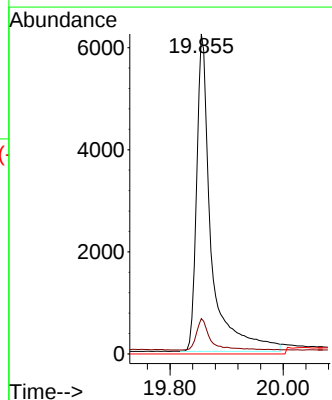
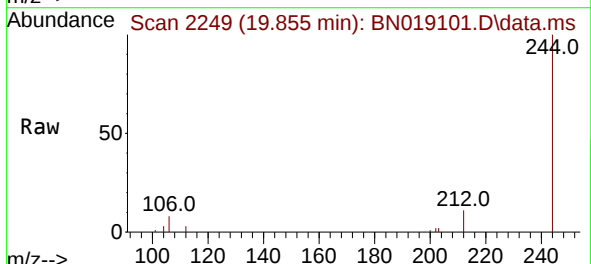
Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

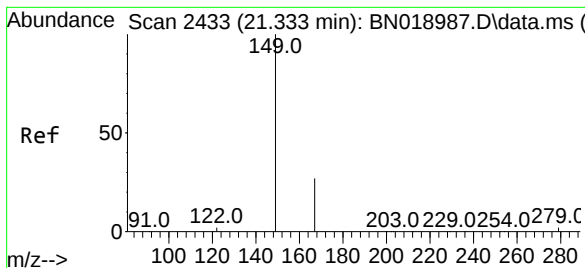
Tgt Ion:240 Resp: 9950
Ion Ratio Lower Upper
240 100
120 16.1 8.5 12.7#
236 29.8 22.4 33.6



#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.855 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:244 Resp: 11160
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0

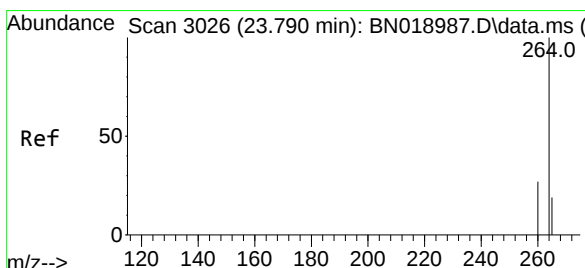
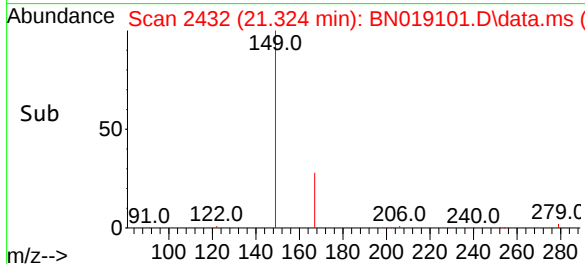
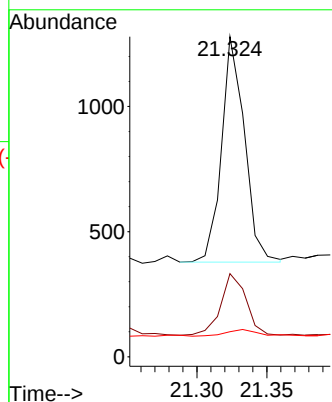
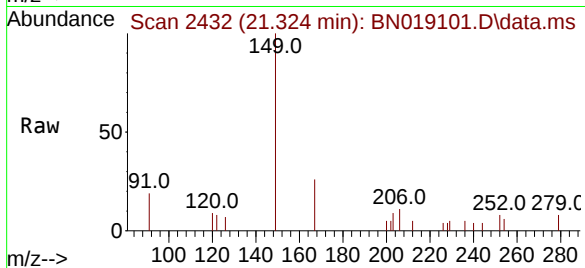




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019101.D
 Acq: 23 Mar 2022 20:48

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20220318

Tgt Ion:149 Resp: 1028
 Ion Ratio Lower Upper
 149 100
 167 30.3 21.8 32.8
 279 4.5 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.784 min Scan# 3024
 Delta R.T. -0.006 min
 Lab File: BN019101.D
 Acq: 23 Mar 2022 20:48

Tgt Ion:264 Resp: 7888
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 45.7 25.3 37.9#

