

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019117.D
 Acq On : 24 Mar 2022 08:07
 Operator : CG/JU
 Sample : N2074-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20220321

Quant Time: Mar 24 08:58:13 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)

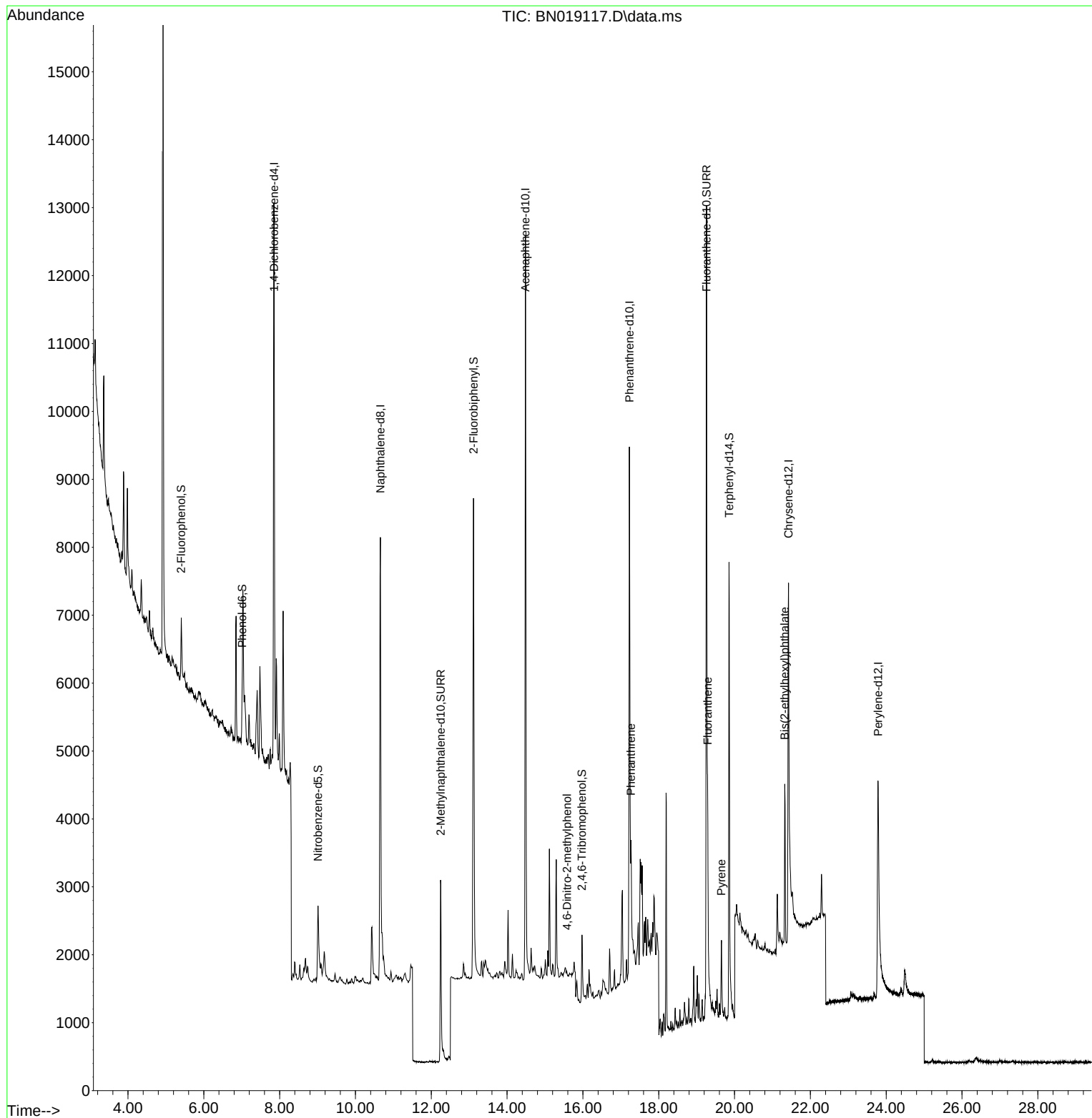
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4033	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10471	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6373	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	13496	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	9654	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7697	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	885	0.098	ng	0.00
5) Phenol-d6	7.009	99	553	0.058	ng	0.00
8) Nitrobenzene-d5	9.014	82	1561	0.207	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	4489	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	655	0.213	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6687	0.262	ng	-0.01
27) Fluoranthene-d10	19.261	212	16415	0.410	ng	0.00
31) Terphenyl-d14	19.856	244	9232	0.389	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.586	198	6	0.112	ng	# 1
25) Phenanthrene	17.267	178	1773	0.042	ng	96
28) Fluoranthene	19.291	202	2160	0.044	ng	99
30) Pyrene	19.653	202	1255	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	2288	0.116	ng	99

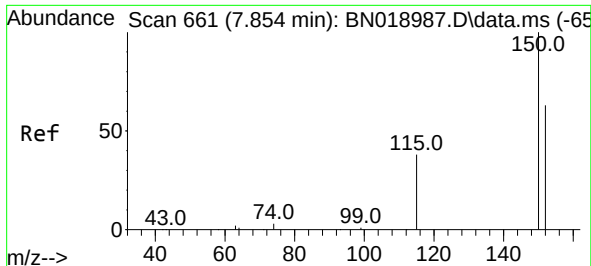
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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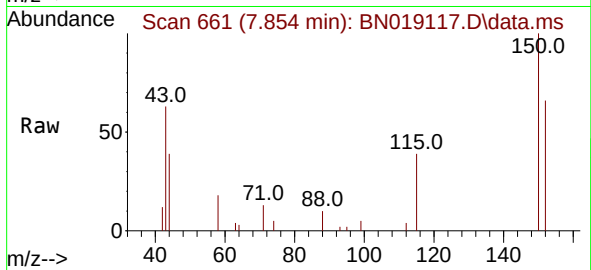
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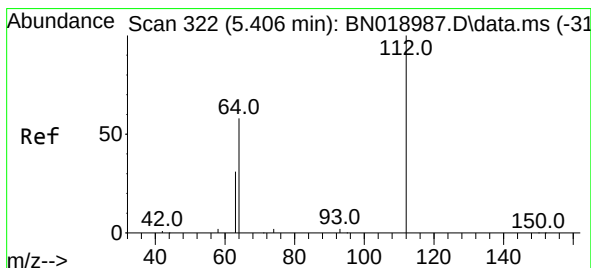
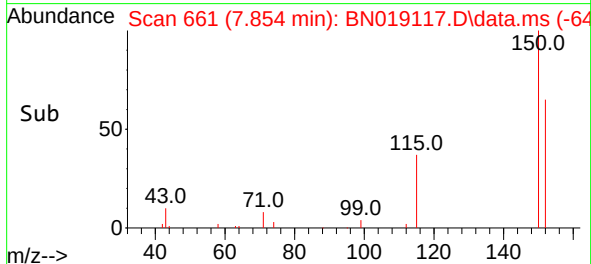
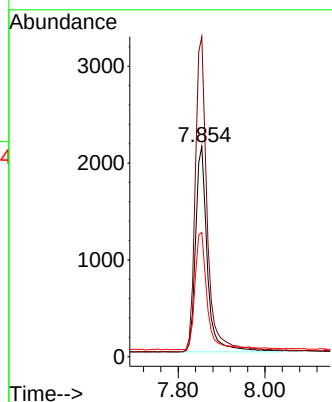
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20220321



Tgt Ion:152 Resp: 4033

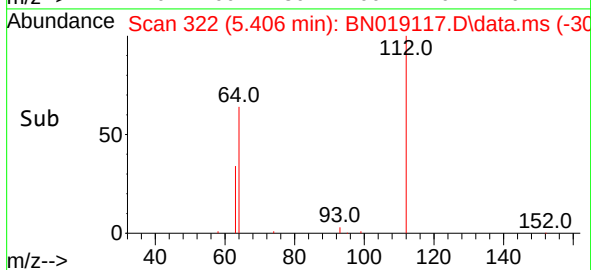
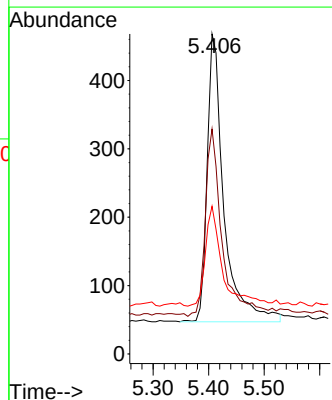
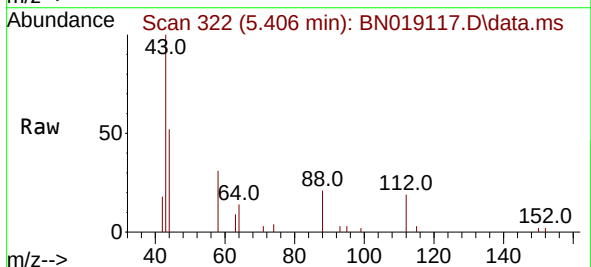
Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.9	185.9
115	59.1	48.2	72.4

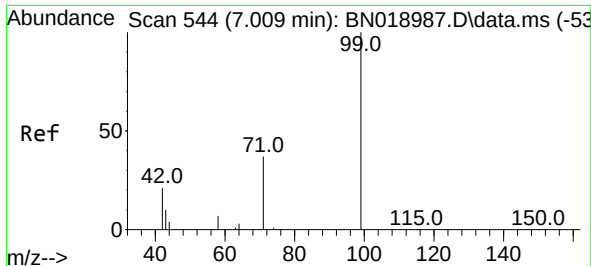


#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion:112 Resp: 885

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.8	71.8
63	35.4	25.7	38.5

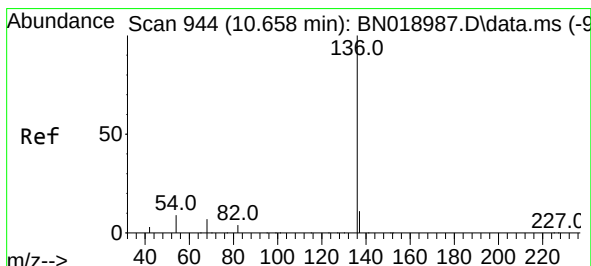
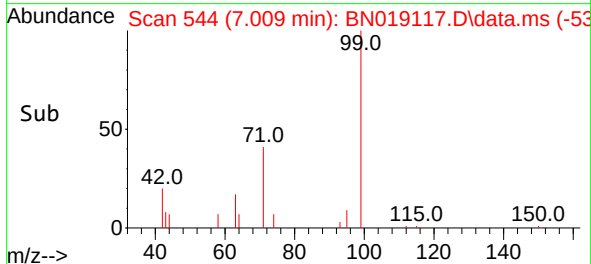
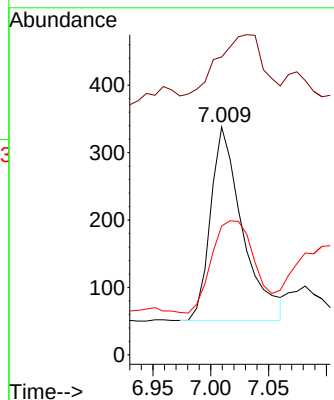
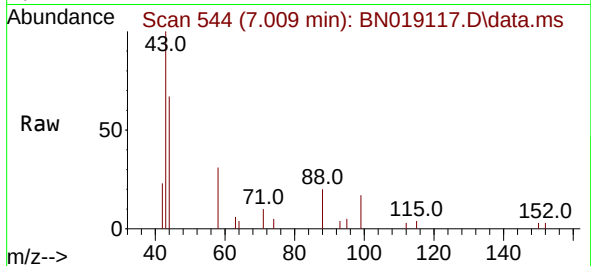




#5
Phenol-d6
Concen: 0.058 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

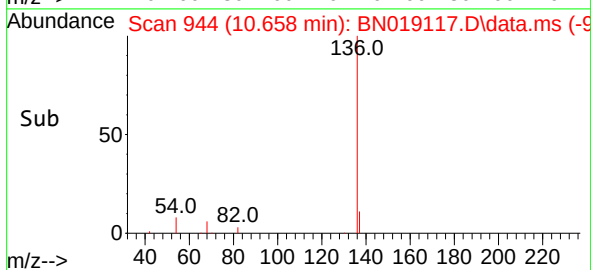
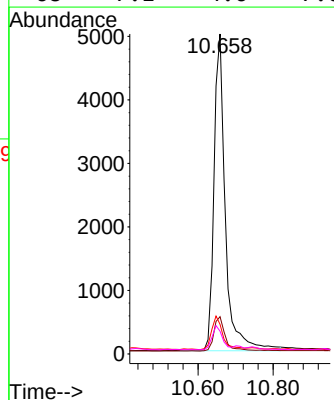
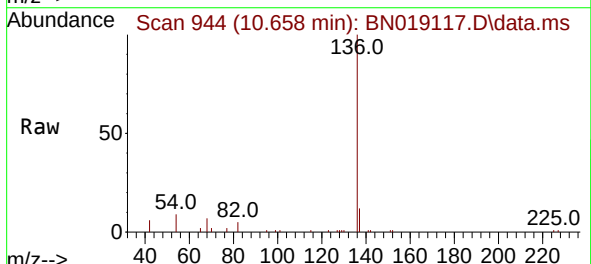
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20220321

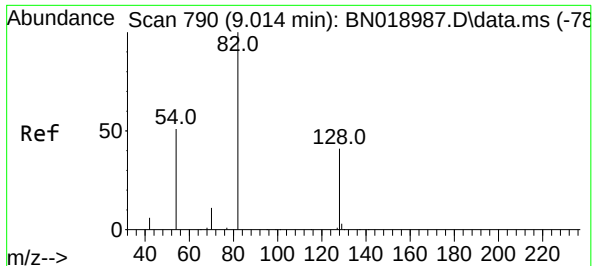
Tgt Ion: 99 Resp: 553
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 62.9 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion: 136 Resp: 10471
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.3 5.8 8.6#
68 7.1 4.6 7.0#

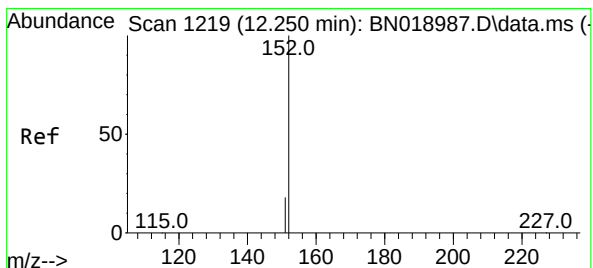
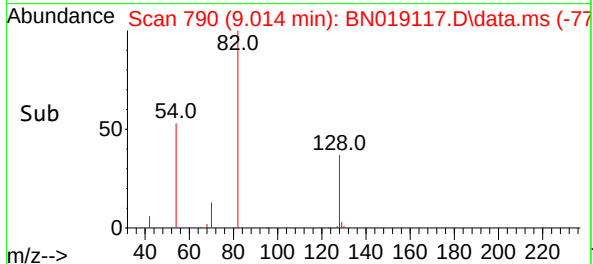
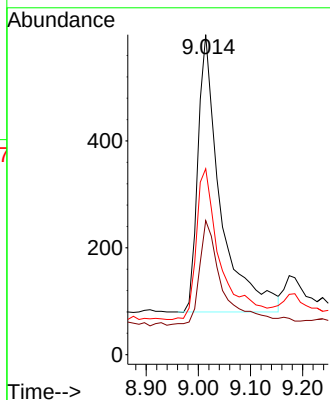
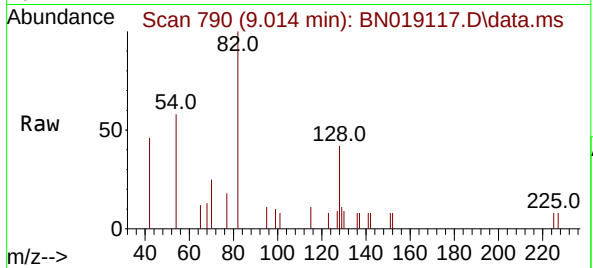




#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

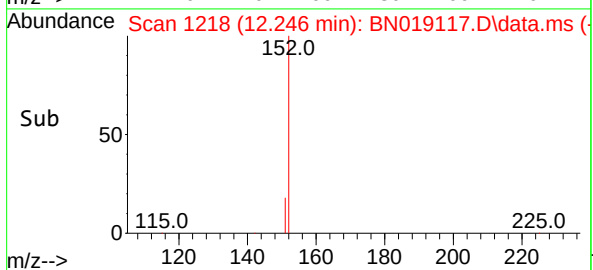
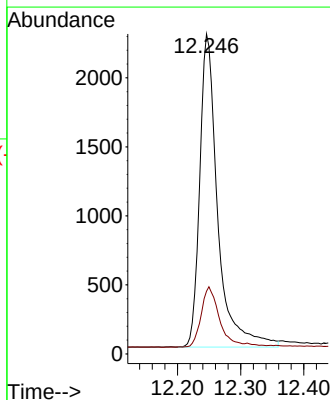
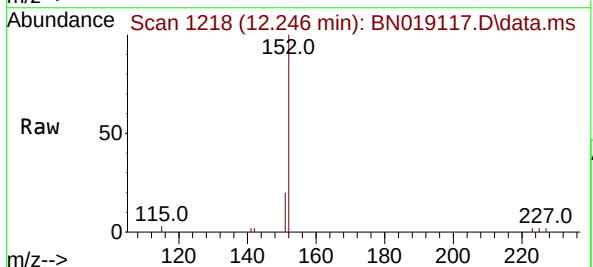
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20220321

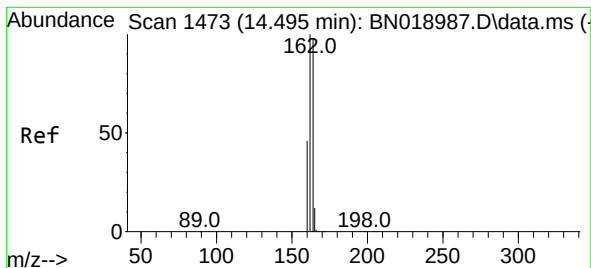
Tgt Ion: 82 Resp: 1561
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.6
54 58.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion: 152 Resp: 4489
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. -0.011 min

Lab File: BN019117.D

Acq: 24 Mar 2022 08:07

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20220321

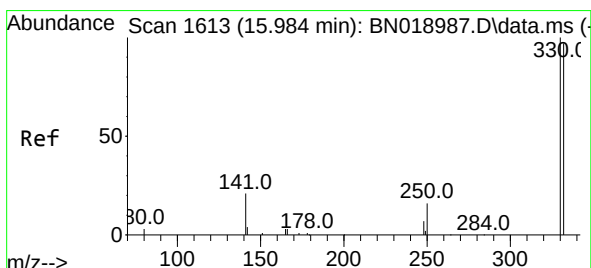
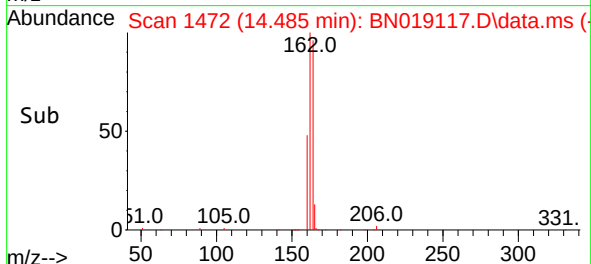
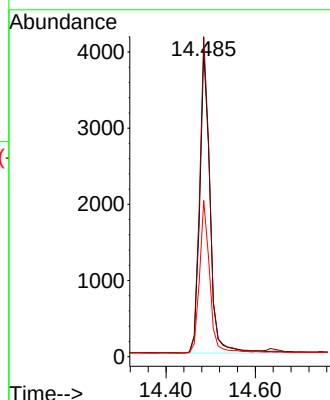
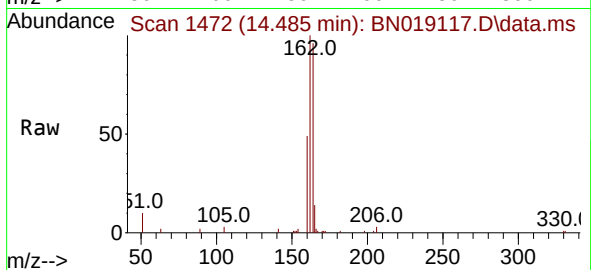
Tgt Ion:164 Resp: 6373

Ion Ratio Lower Upper

164 100

162 104.5 85.2 127.8

160 51.0 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.213 ng

RT: 15.974 min Scan# 1612

Delta R.T. -0.010 min

Lab File: BN019117.D

Acq: 24 Mar 2022 08:07

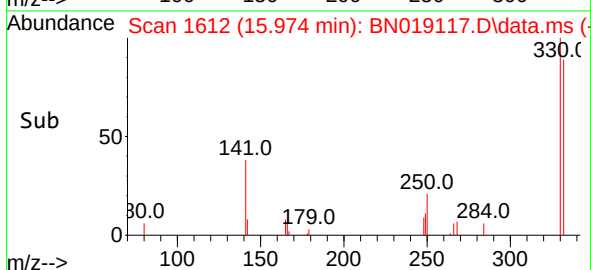
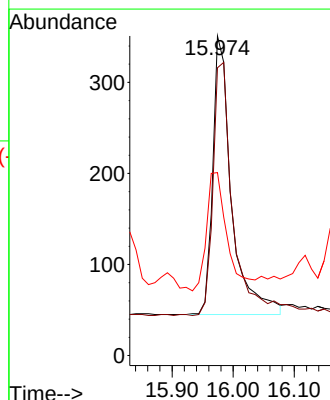
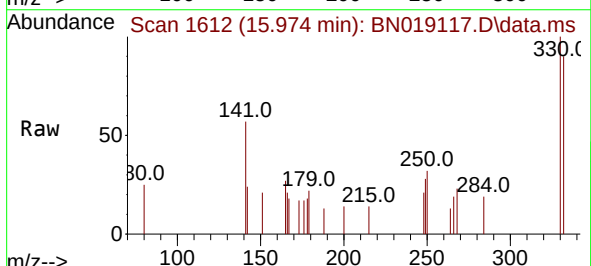
Tgt Ion:330 Resp: 655

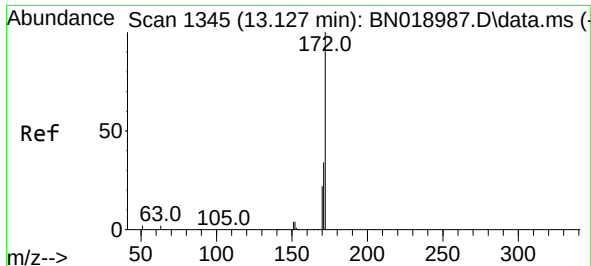
Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 46.6 32.2 48.2

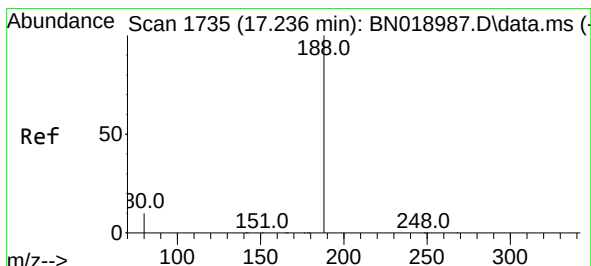
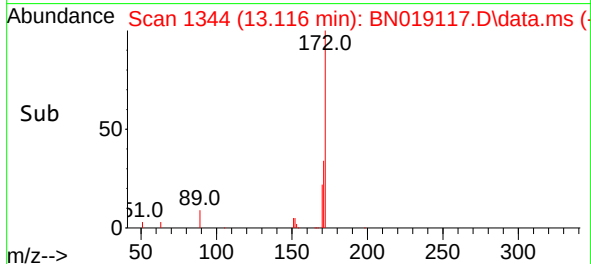
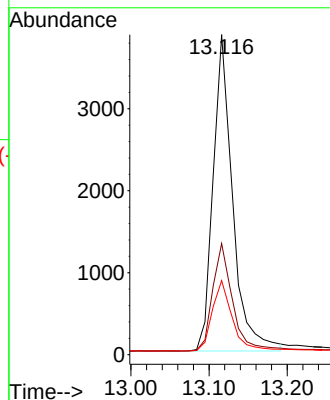
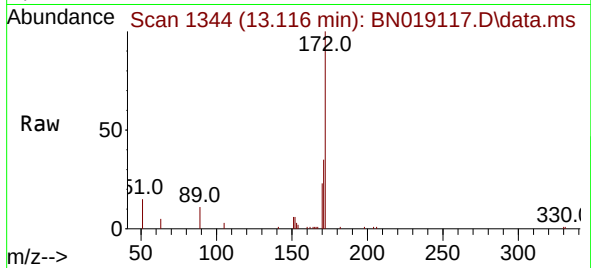




#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

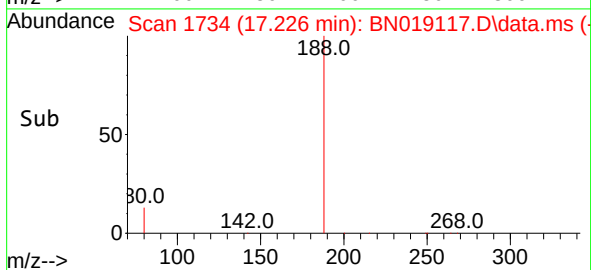
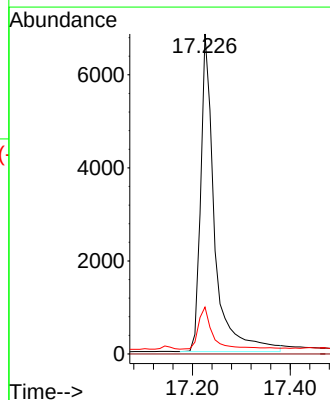
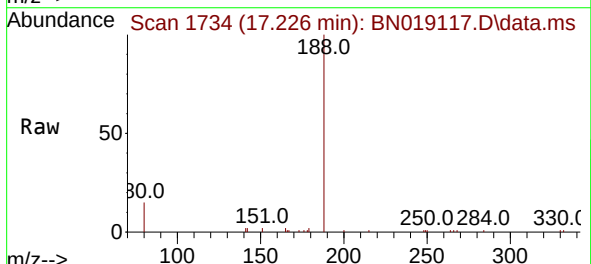
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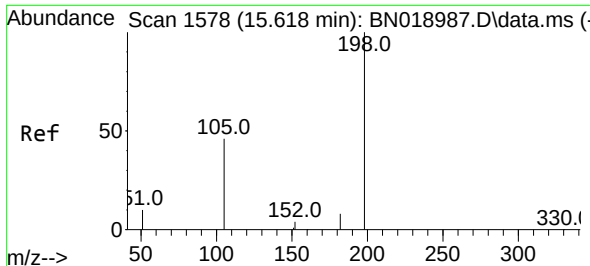
Tgt Ion:172 Resp: 6687
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.1 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion:188 Resp: 13496
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 11.8 17.8

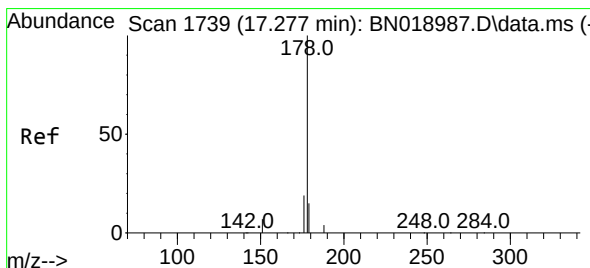
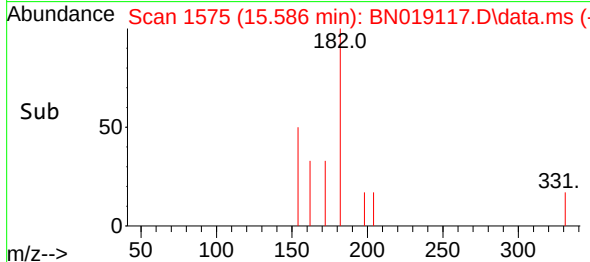
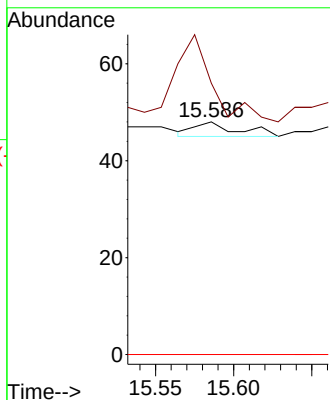
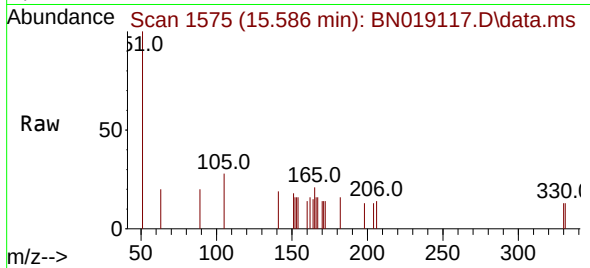




#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.586 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

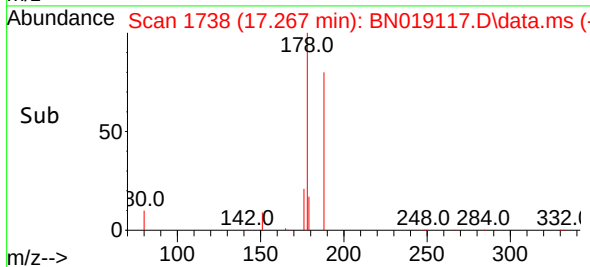
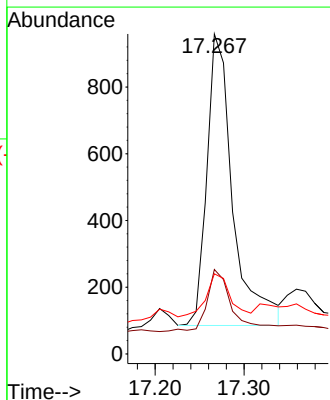
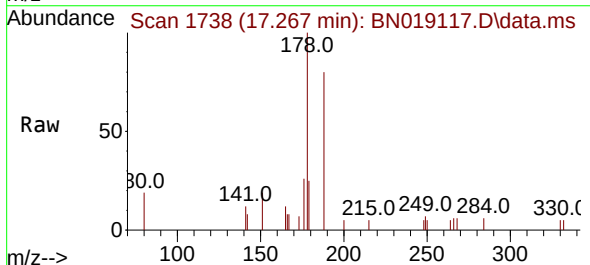
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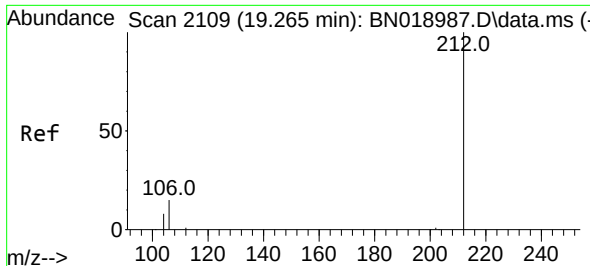
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 116.7 13.0 19.4#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.042 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion:178 Resp: 1773
Ion Ratio Lower Upper
178 100
176 20.9 15.4 23.0
179 13.5 12.2 18.2

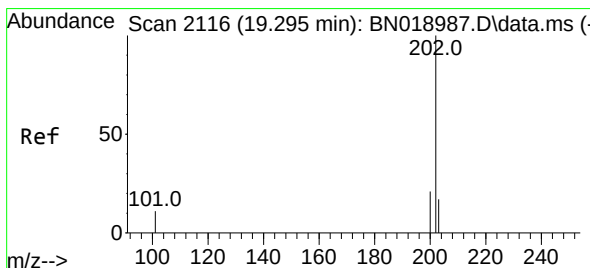
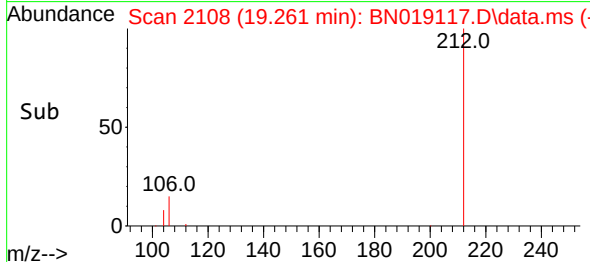
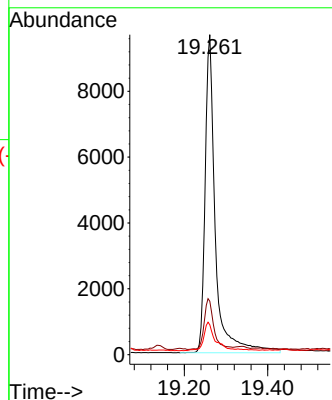
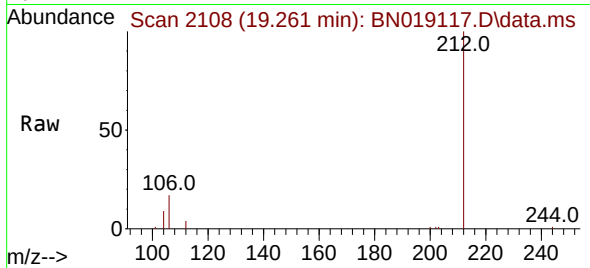




#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

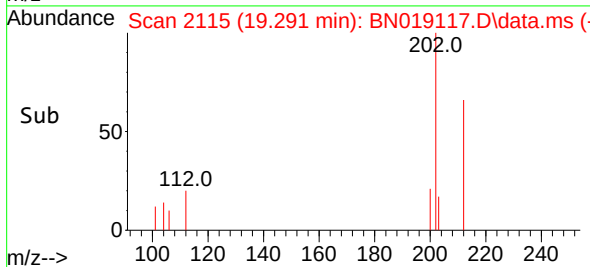
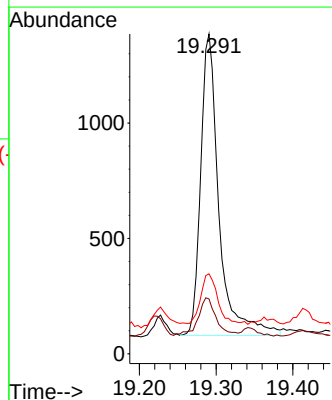
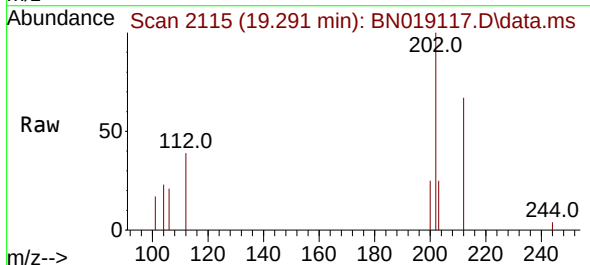
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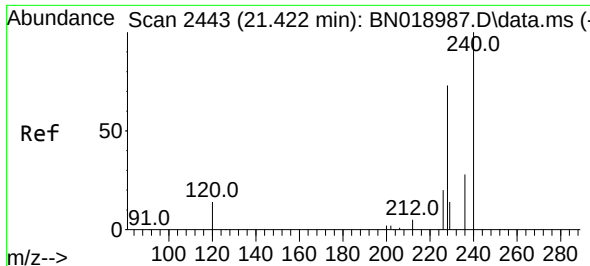
Tgt Ion:212 Resp: 16415
Ion Ratio Lower Upper
212 100
106 15.0 12.7 19.1
104 9.8 7.1 10.7



#28
Fluoranthene
Concen: 0.044 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019117.D
Acq: 24 Mar 2022 08:07

Tgt Ion:202 Resp: 2160
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 17.1 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: BN019117.D

Acq: 24 Mar 2022 08:07

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20220321

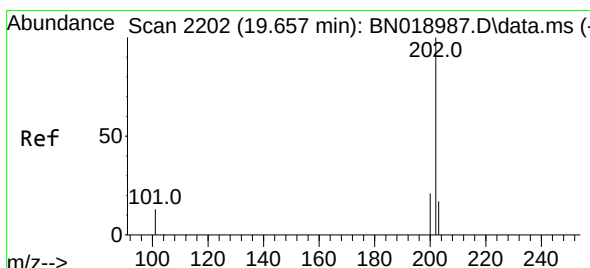
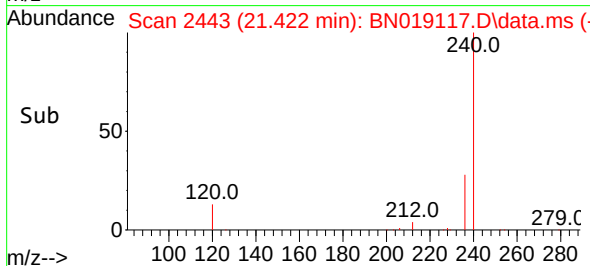
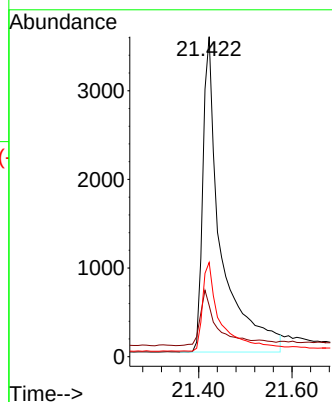
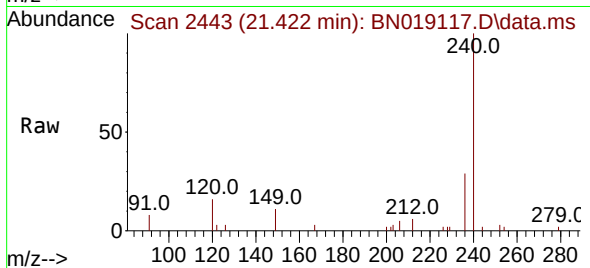
Tgt Ion:240 Resp: 9654

Ion Ratio Lower Upper

240 100

120 16.0 8.5 12.7#

236 29.5 22.4 33.6



#30

Pyrene

Concen: 0.026 ng

RT: 19.653 min Scan# 2201

Delta R.T. -0.004 min

Lab File: BN019117.D

Acq: 24 Mar 2022 08:07

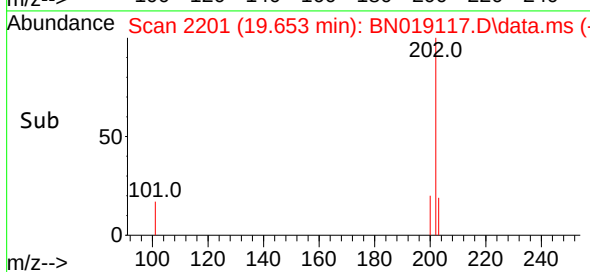
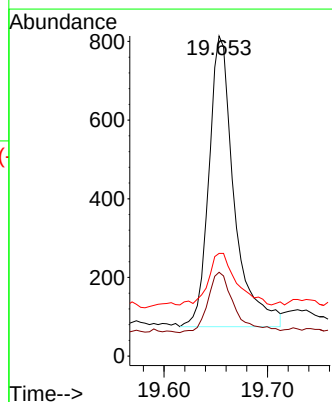
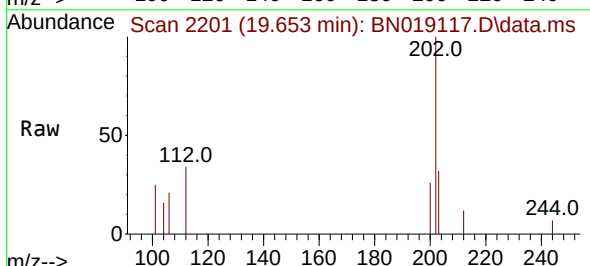
Tgt Ion:202 Resp: 1255

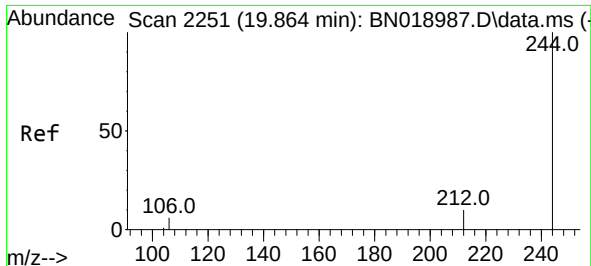
Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

203 19.4 14.2 21.2

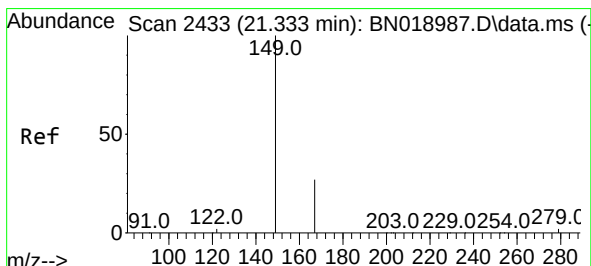
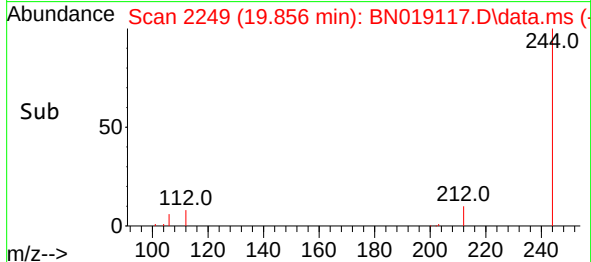
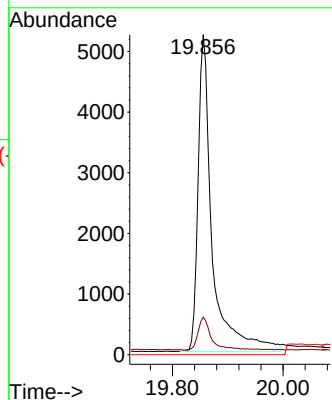
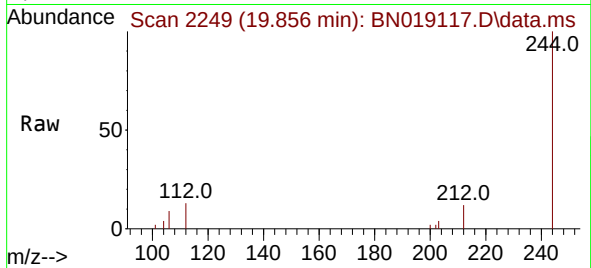




#31
 Terphenyl-d14
 Concen: 0.389 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN019117.D
 Acq: 24 Mar 2022 08:07

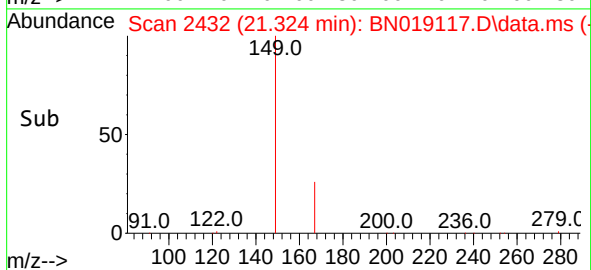
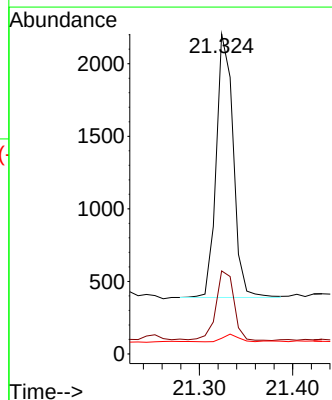
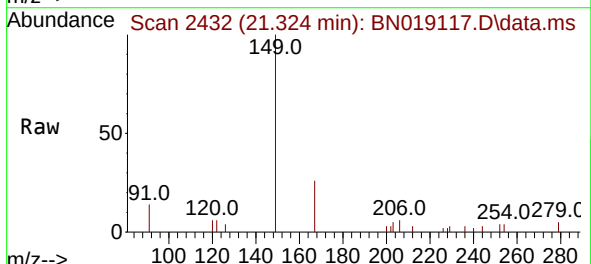
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20220321

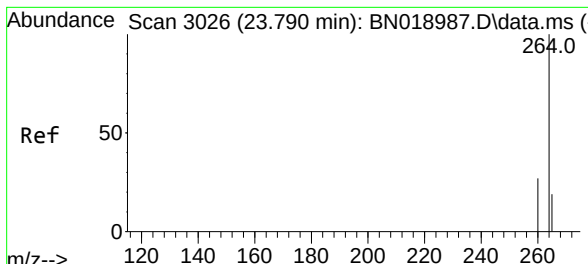
Tgt Ion:244 Resp: 9232
 Ion Ratio Lower Upper
 244 100
 212 11.8 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019117.D
 Acq: 24 Mar 2022 08:07

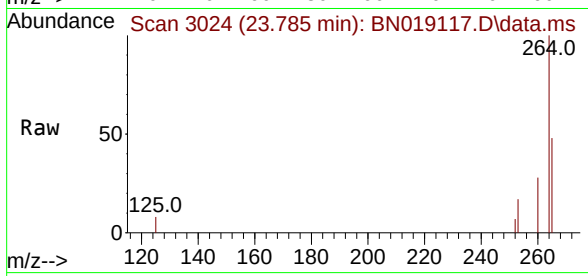
Tgt Ion:149 Resp: 2288
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.8 32.8
 279 2.7 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN019117.D
 Acq: 24 Mar 2022 08:07

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20220321



Tgt Ion:264 Resp: 7697

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.4	33.6
265	47.9	25.3	37.9

