

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015390.D
 Acq On : 08 Jul 2021 02:56
 Operator : CG/JU
 Sample : M2939-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-070221

Quant Time: Jul 08 06:45:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

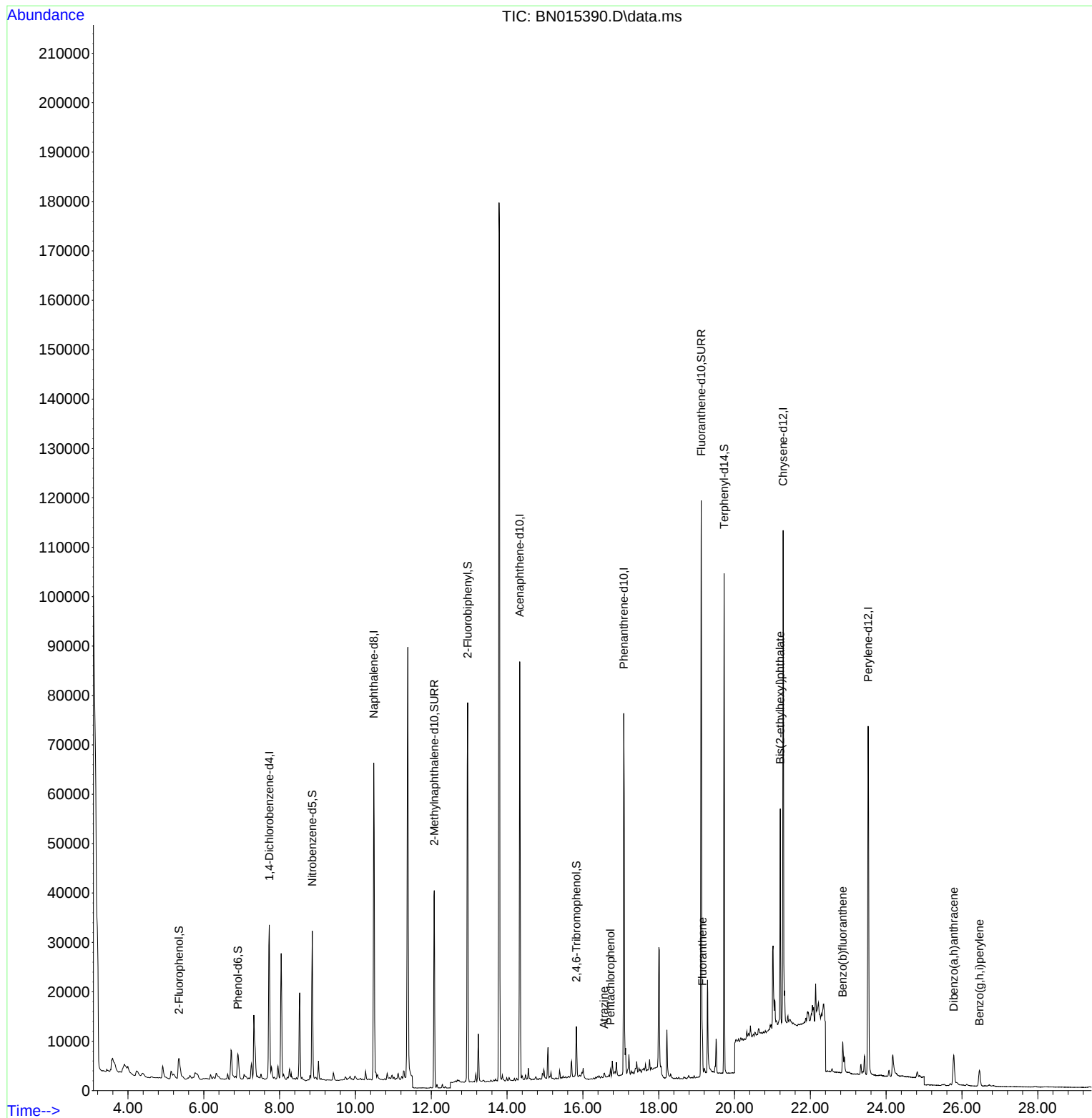
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19274	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	88780	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49914	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	100911	0.400	ng	0.00
29) Chrysene-d12	21.281	240	91455	0.400	ng	#-0.01
35) Perylene-d12	23.526	264	90761	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	8084	0.165	ng	0.00
5) Phenol-d6	6.896	99	6056	0.098	ng	0.00
8) Nitrobenzene-d5	8.861	82	24994	0.503	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	52987	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7533	0.570	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	72434	0.357	ng	0.00
27) Fluoranthene-d10	19.123	212	126724	0.425	ng	0.00
31) Terphenyl-d14	19.723	244	96923	0.453	ng	0.00
Target Compounds						
23) Atrazine	16.555	200	375	0.180	ng	# 62
24) Pentachlorophenol	16.726	266	1067	0.331	ng	# 43
28) Fluoranthene	19.152	202	7746	0.022	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.206	149	36090	0.469	ng	# 88
37) Benzo(b)fluoranthene	22.855	252	7537	0.021	ng	# 46
40) Dibenzo(a,h)anthracene	25.785	278	6696	0.026	ng	# 80
41) Benzo(g,h,i)perylene	26.459	276	6648	0.024	ng	# 80

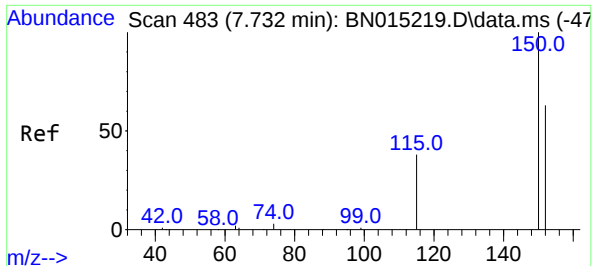
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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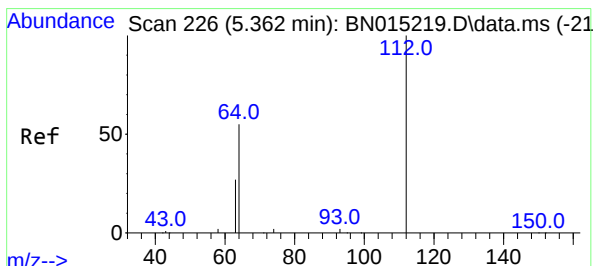
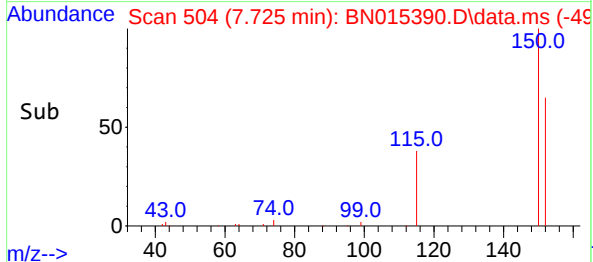
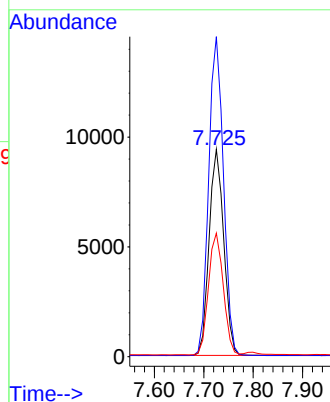
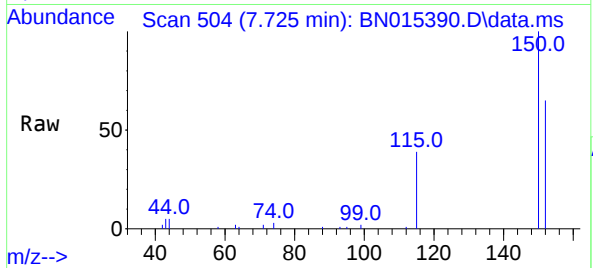




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

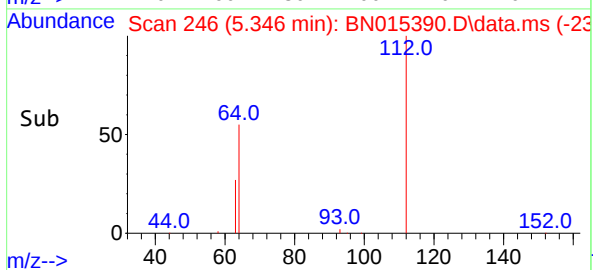
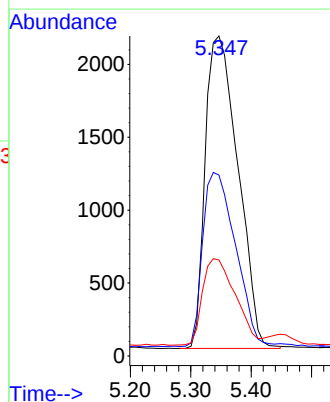
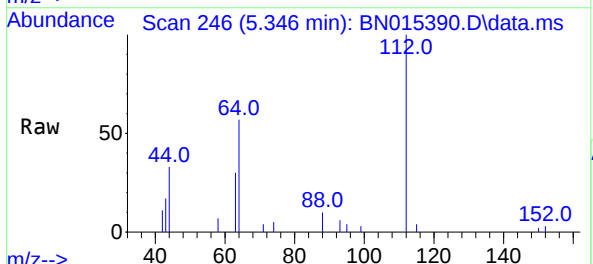
Instrument :
BNA_N
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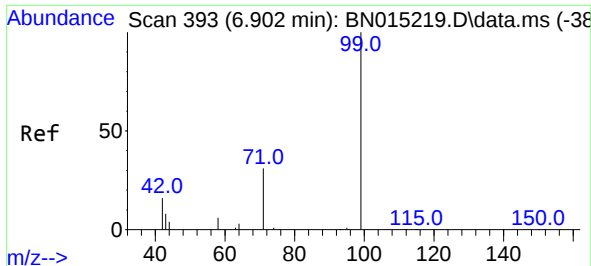
Tgt Ion:152 Resp: 19274
Ion Ratio Lower Upper
152 100
150 154.3 119.0 178.6
115 59.6 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:112 Resp: 8084
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 28.1 20.6 30.8

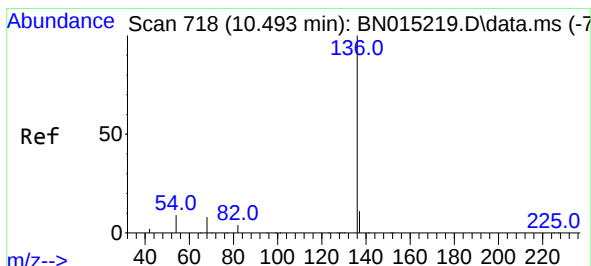
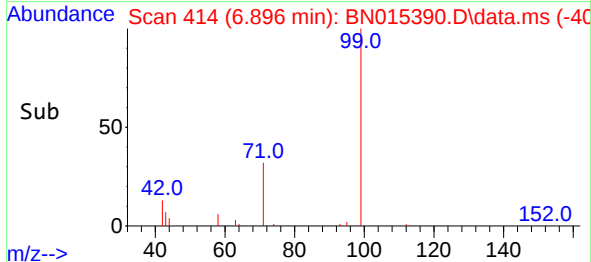
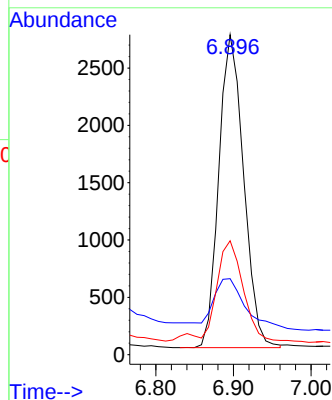
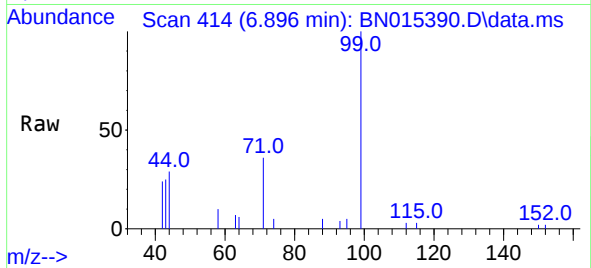




#5
Phenol-d6
Concen: 0.098 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

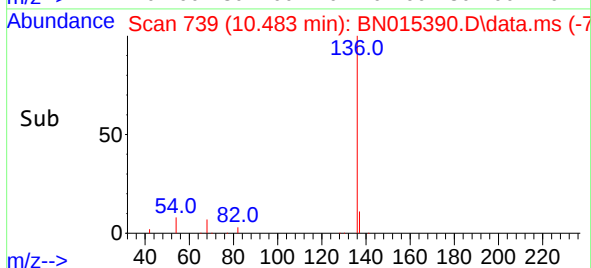
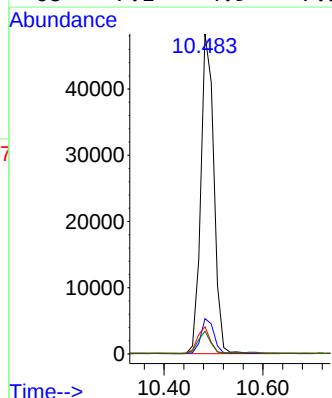
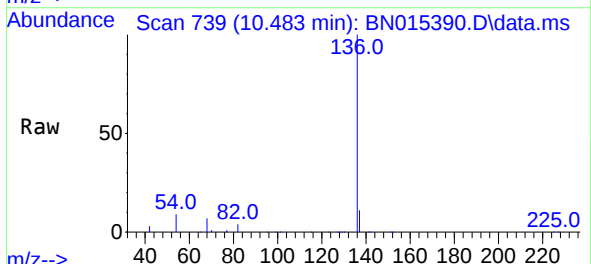
Instrument :
BNA_N
ClientSampleId :
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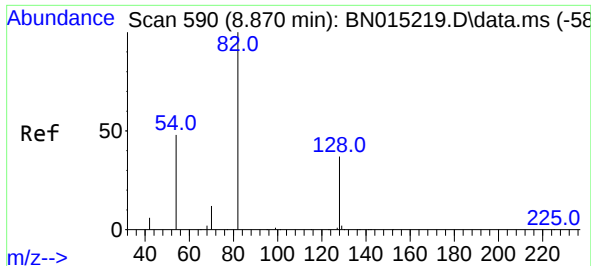
Tgt Ion: 99 Resp: 6056
Ion Ratio Lower Upper
99 100
42 17.8 8.9 13.3#
71 32.7 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion: 136 Resp: 88780
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 8.5 5.4 8.2#
68 7.1 4.9 7.3

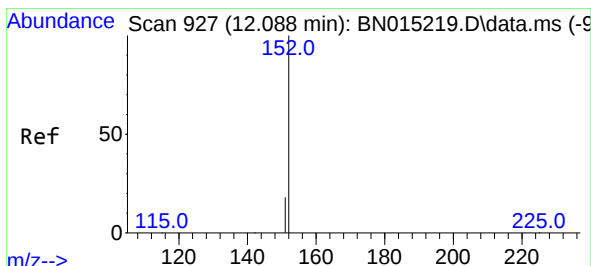
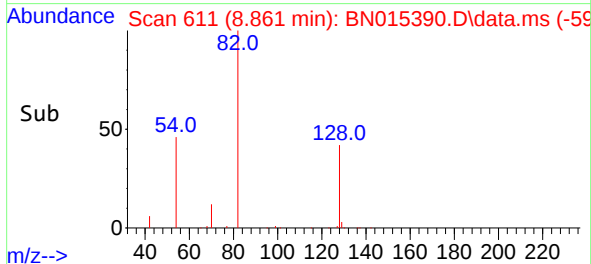
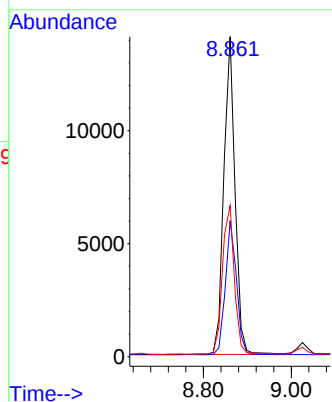
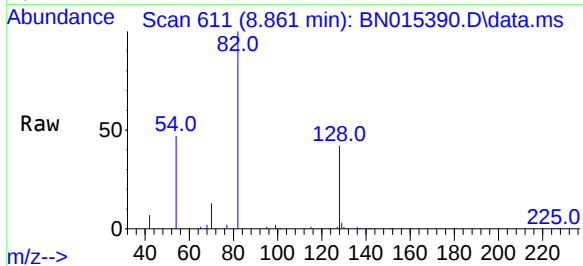




#8
Nitrobenzene-d5
Concen: 0.503 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

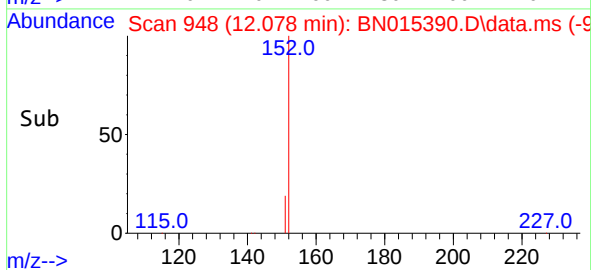
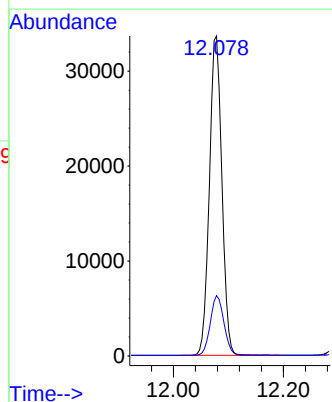
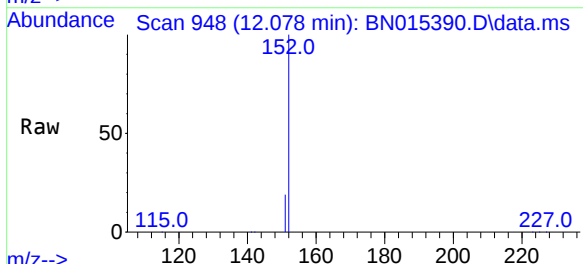
Instrument :
BNA_N
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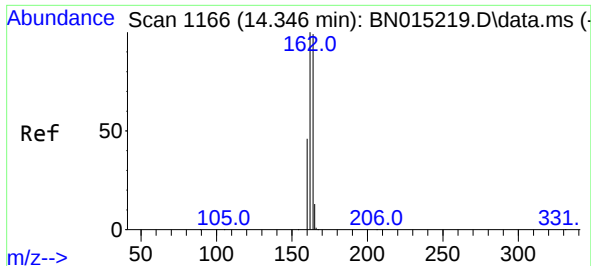
Tgt Ion: 82 Resp: 24994
Ion Ratio Lower Upper
82 100
128 42.5 31.6 47.4
54 47.2 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion: 152 Resp: 52987
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

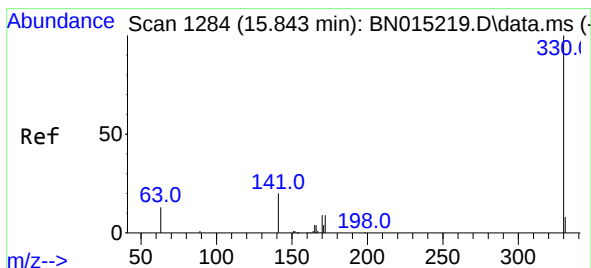
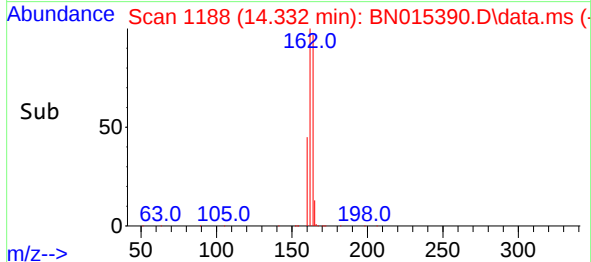
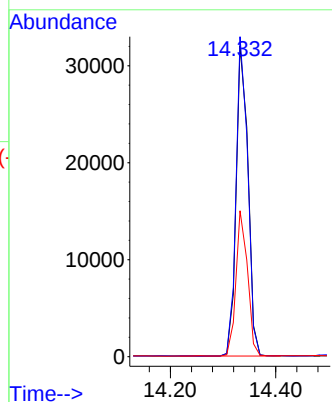
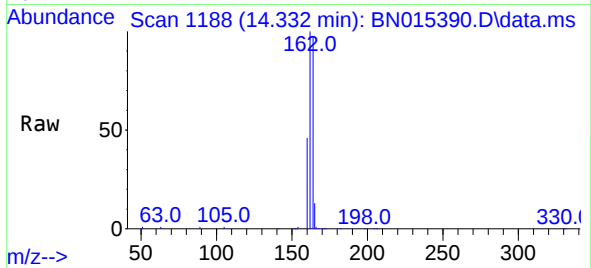




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

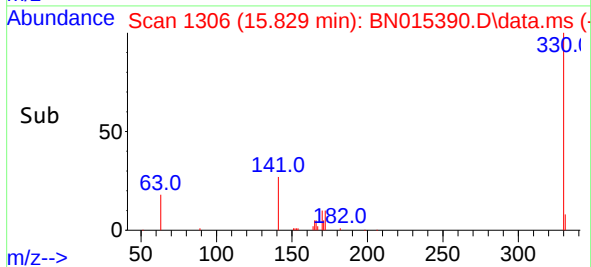
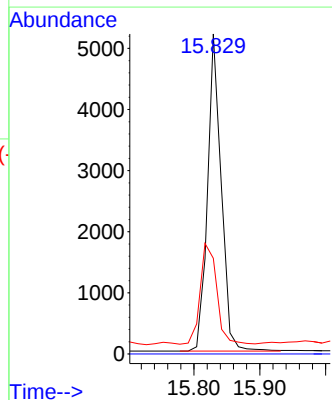
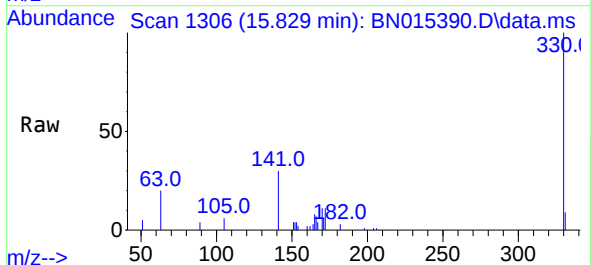
Instrument :
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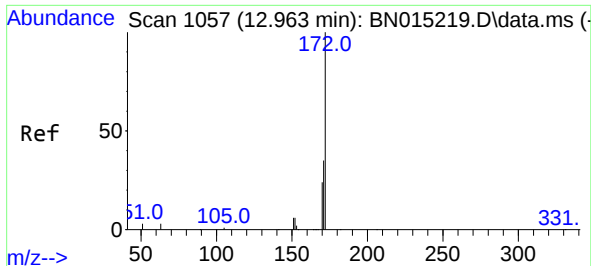
Tgt Ion:164 Resp: 49914
Ion Ratio Lower Upper
164 100
162 102.9 83.8 125.6
160 46.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.570 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:330 Resp: 7533
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.1 22.4 33.6#



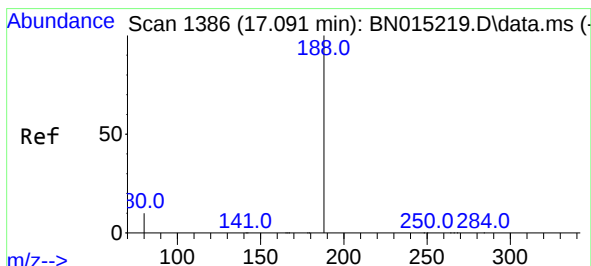
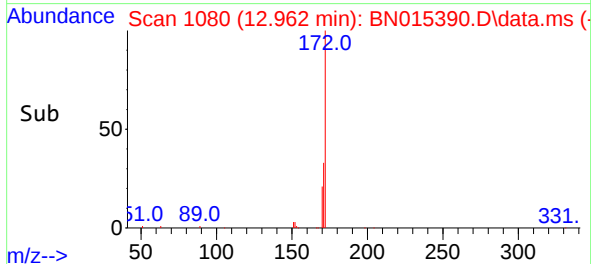
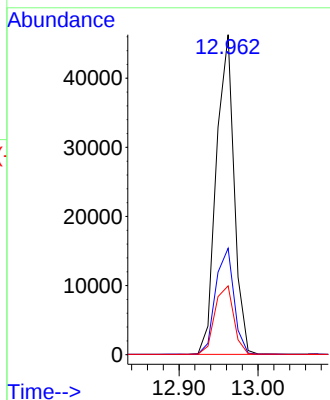
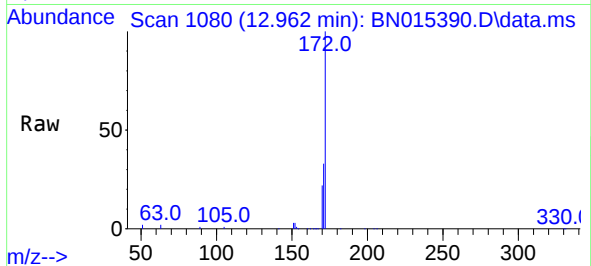


#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Instrument :
BNA_N
ClientSampleId :
MW-14A-070221

Tgt Ion:172 Resp: 72434

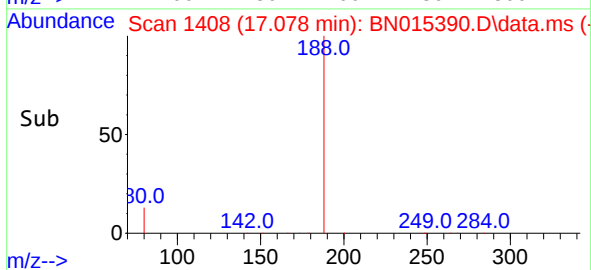
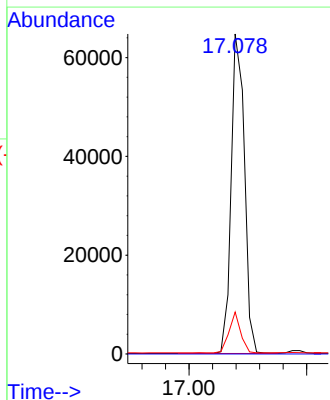
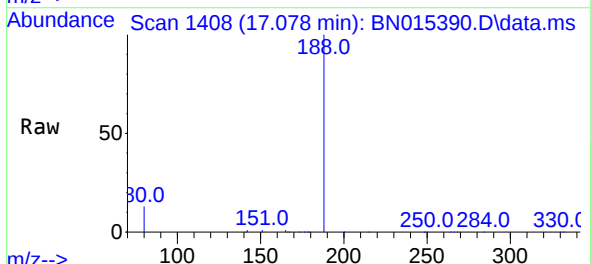
Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.6	45.8
170	21.5	20.2	30.4

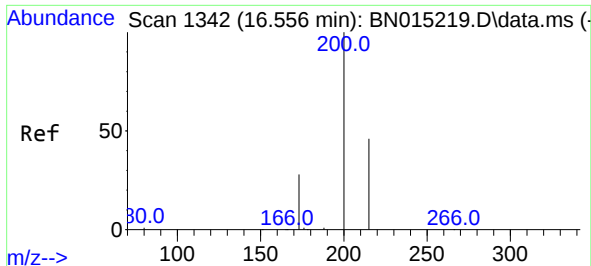


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:188 Resp: 100911

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	9.0	13.4

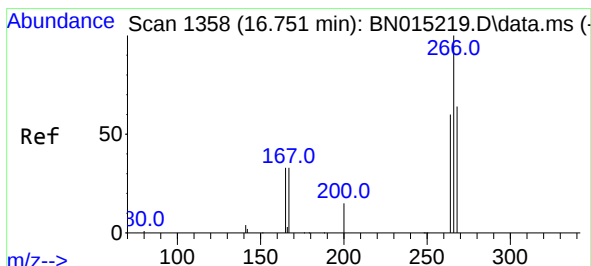
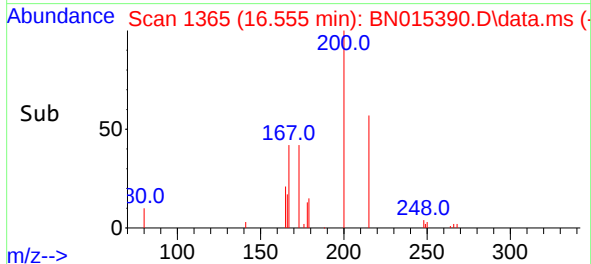
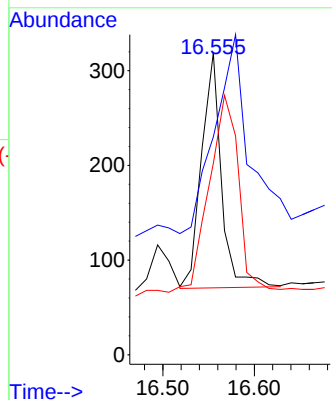
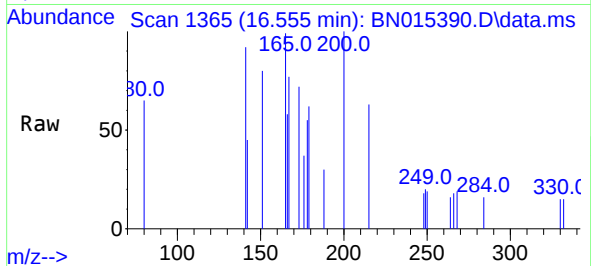




#23
Atrazine
Concen: 0.180 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

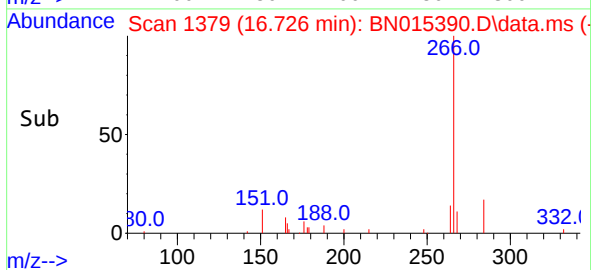
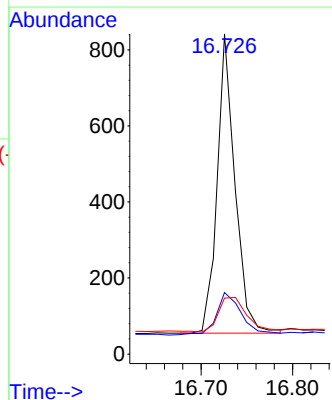
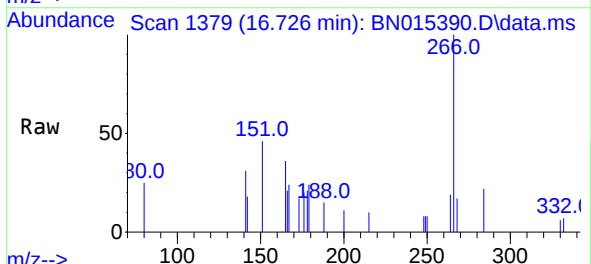
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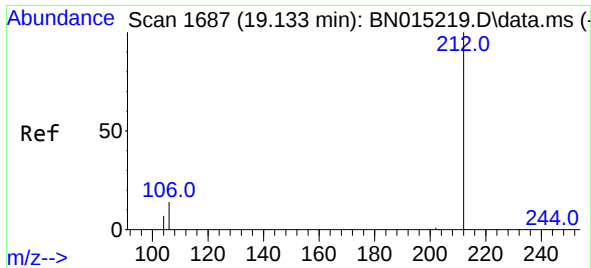
Tgt Ion:200 Resp: 375
Ion Ratio Lower Upper
200 100
173 72.1 21.7 32.5#
215 63.3 43.1 64.7



#24
Pentachlorophenol
Concen: 0.331 ng
RT: 16.726 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:266 Resp: 1067
Ion Ratio Lower Upper
266 100
264 20.1 51.0 76.4#
268 17.4 50.6 76.0#

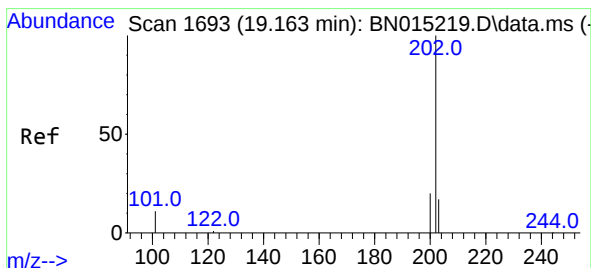
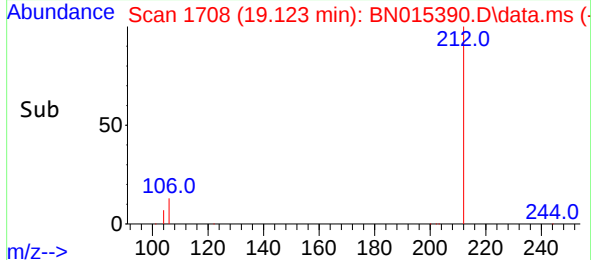
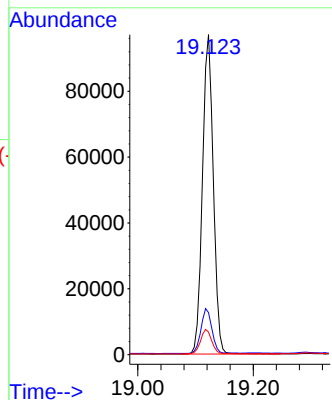
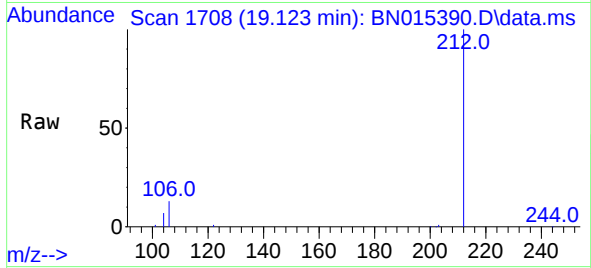




#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

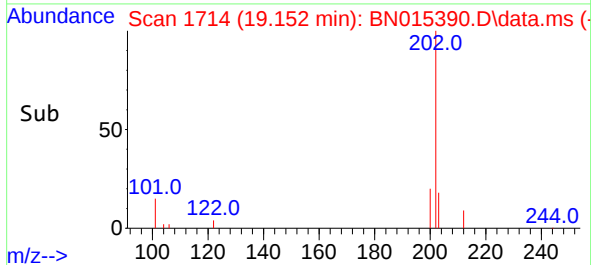
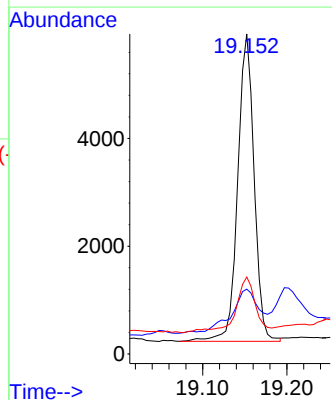
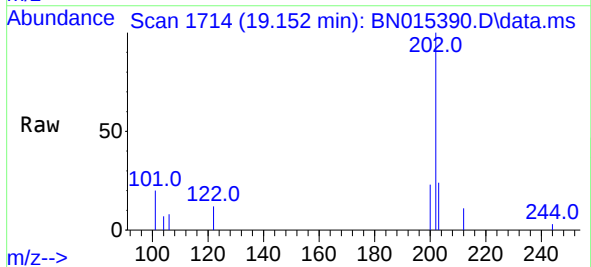
Instrument :
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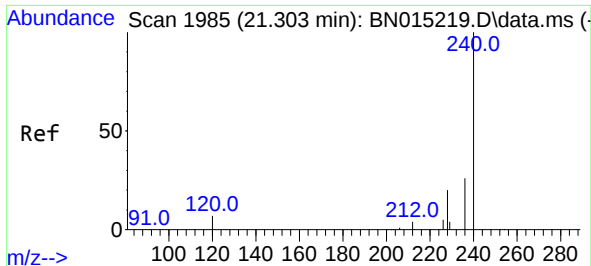
Tgt Ion:212 Resp: 126724
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 8.0 4.1 6.1#



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.152 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:202 Resp: 7746
Ion Ratio Lower Upper
202 100
101 22.6 6.6 10.0#
203 21.9 13.9 20.9#

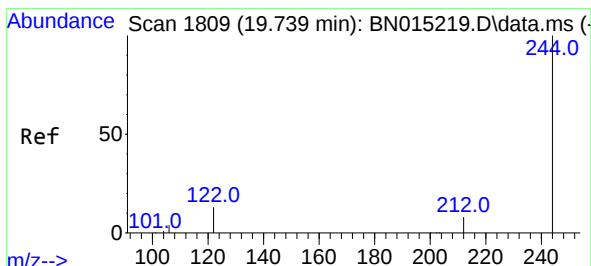
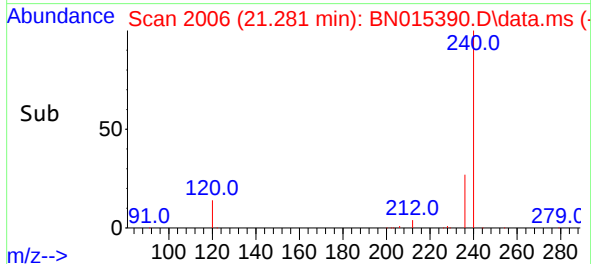
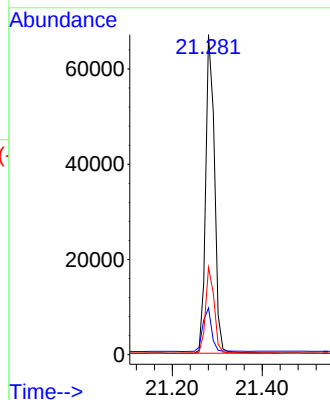
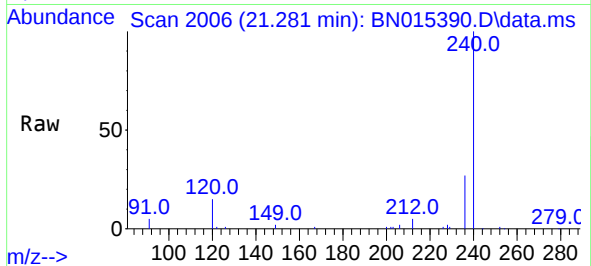




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

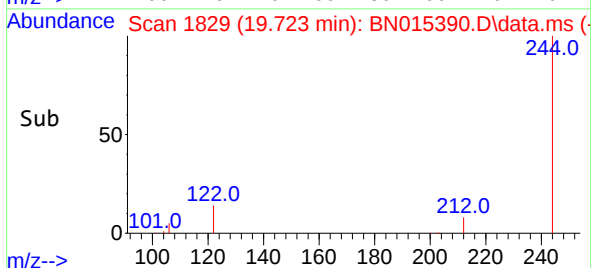
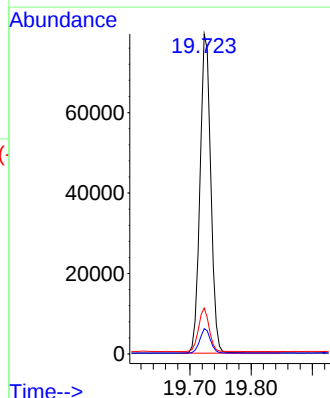
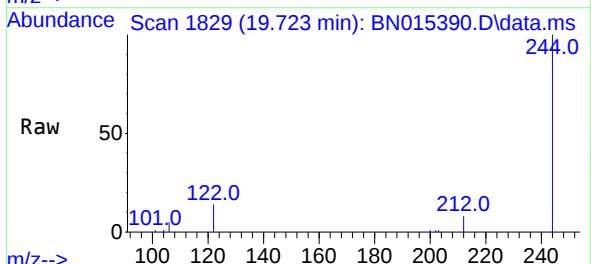
Instrument :
BNA_N
ClientSampleId :
MW-14A-070221

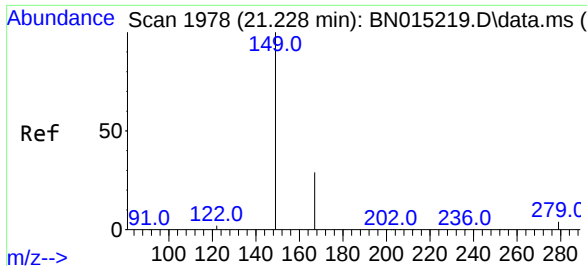
Tgt Ion:240 Resp: 91455
Ion Ratio Lower Upper
240 100
120 14.6 4.2 6.4#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:244 Resp: 96923
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.4 6.2 9.2#

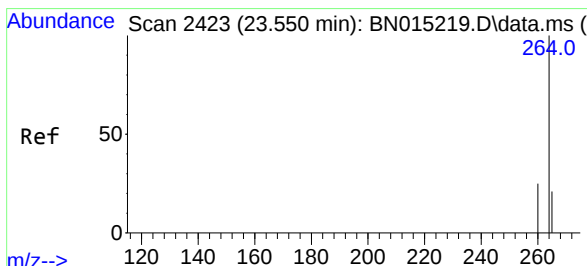
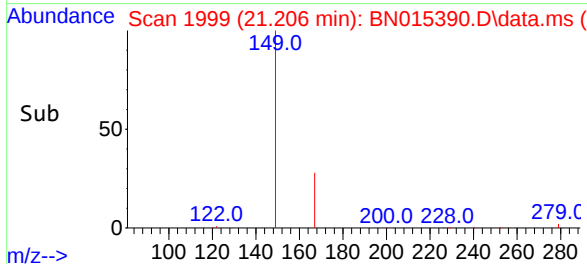
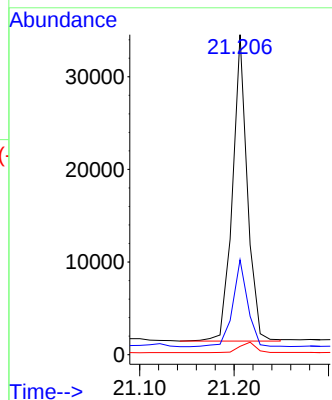
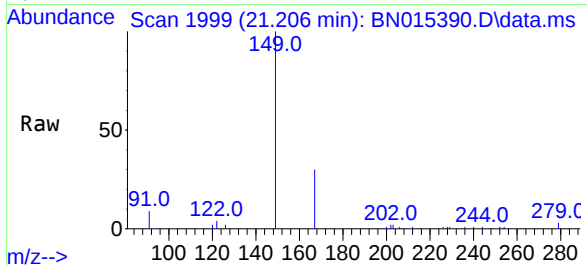




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

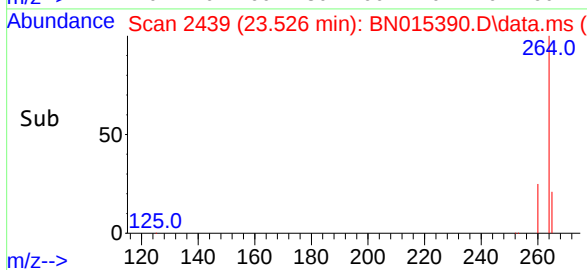
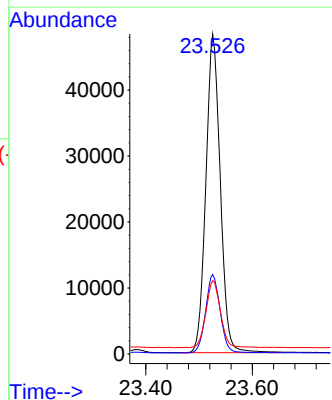
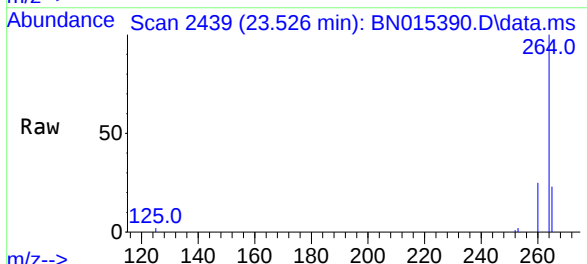
Instrument :
BNA_N
ClientSampleId :
MW-14A-070221

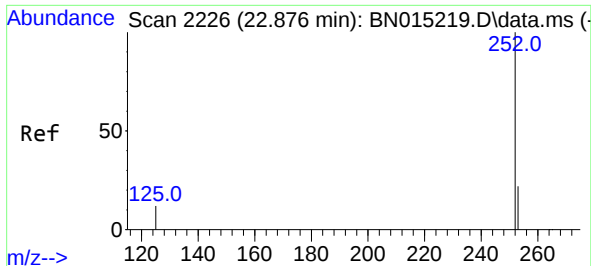
Tgt Ion:149 Resp: 36090
Ion Ratio Lower Upper
149 100
167 28.8 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.526 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:264 Resp: 90761
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 22.9 21.4 32.2

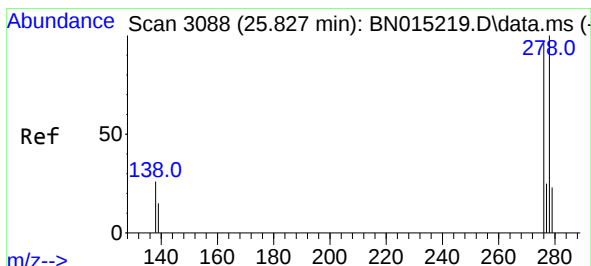
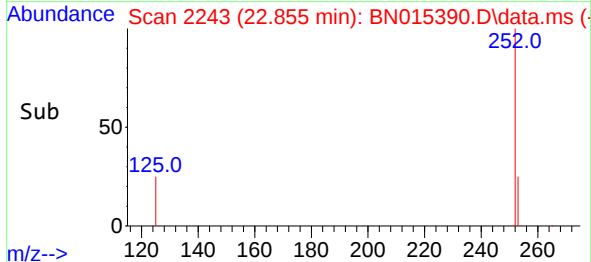
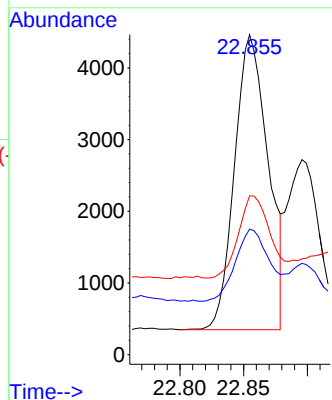
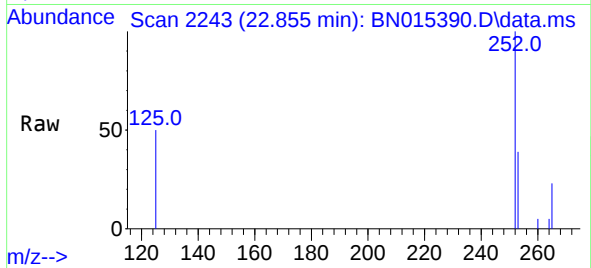




#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

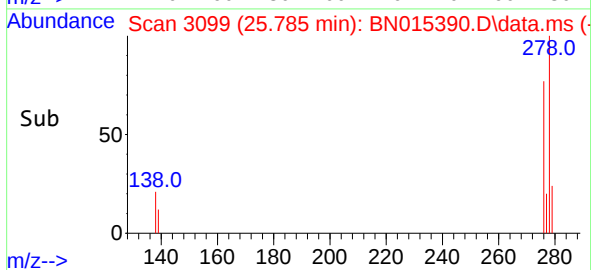
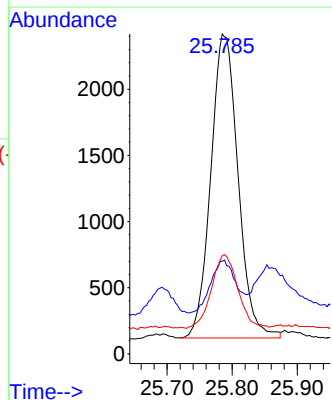
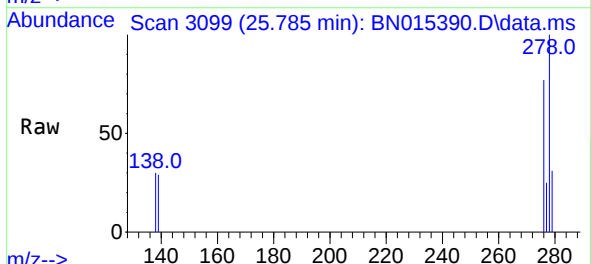
Instrument :
BNA_N
ClientSampleId :
MW-14A-070221

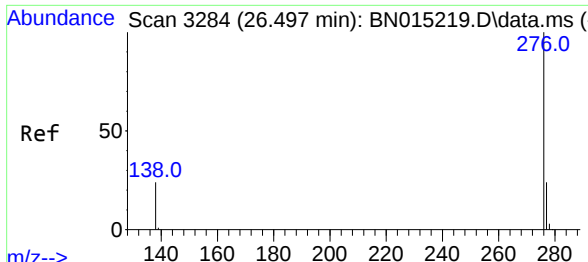
Tgt Ion:252 Resp: 7537
Ion Ratio Lower Upper
252 100
253 39.2 18.5 27.7#
125 49.7 5.8 8.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:278 Resp: 6696
Ion Ratio Lower Upper
278 100
139 28.9 9.0 13.4#
279 30.7 21.0 31.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.024 ng
 RT: 26.459 min Scan# 3296
 Delta R.T. -0.003 min
 Lab File: BN015390.D
 Acq: 08 Jul 2021 02:56

Instrument :
 BNA_N
 ClientSampleId :
 MW-14A-070221

Tgt Ion:	276	Resp:	6648
Ion Ratio	Lower	Upper	
276	100		
277	27.9	19.7	29.5
138	30.5	9.8	14.6#

