

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015394.D
 Acq On : 08 Jul 2021 05:21
 Operator : CG/JU
 Sample : M2953-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621

Quant Time: Jul 08 06:45:56 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)

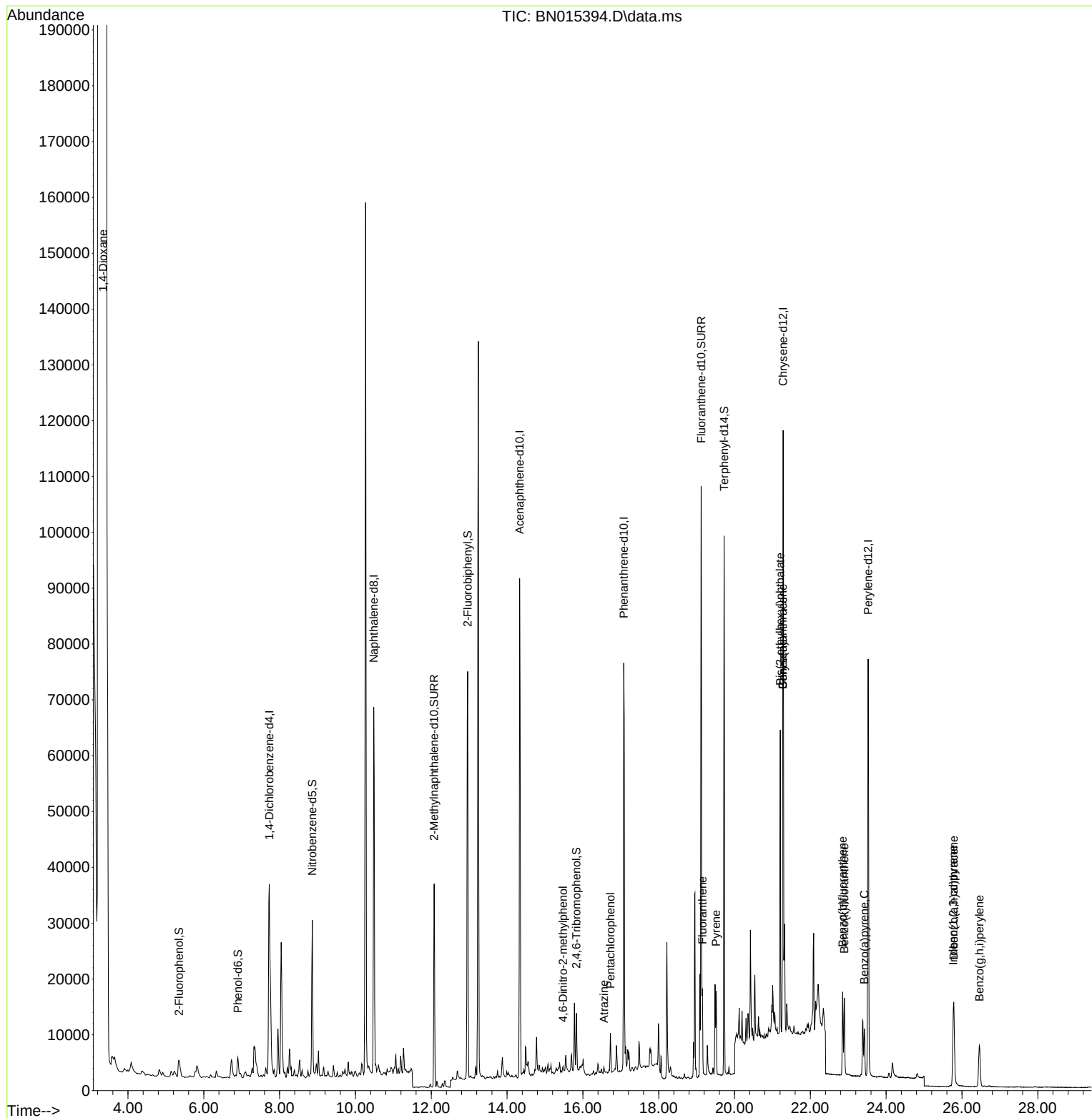
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	20264	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	92474	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	53511	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	105575	0.40	ng	0.00
29) Chrysene-d12	21.280	240	95068	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	92675	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	5913	0.11	ng	0.00
5) Phenol-d6	6.895	99	4122	0.06	ng	0.00
8) Nitrobenzene-d5	8.860	82	23534	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	49581	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7534	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	68475	0.31	ng	0.00
27) Fluoranthene-d10	19.122	212	118870	0.38	ng	0.00
31) Terphenyl-d14	19.723	244	94301	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	156796	16.50	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.474	198	85	0.24	ng	# 16
23) Atrazine	16.555	200	713	0.19	ng	# 81
24) Pentachlorophenol	16.725	266	4869	0.61	ng	# 37
28) Fluoranthene	19.152	202	12846	0.04	ng	# 98
30) Pyrene	19.515	202	13282	0.04	ng	98
32) Benzo(a)anthracene	21.270	228	15481	0.05	ng	95
33) Chrysene	21.270	228	15367	0.04	ng	93
34) Bis(2-ethylhexyl)phtha...	21.206	149	44802	0.53	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.771	276	17472	0.05	ng	# 87
37) Benzo(b)fluoranthene	22.851	252	17855	0.05	ng	# 84
38) Benzo(k)fluoranthene	22.896	252	16713	0.04	ng	# 88
39) Benzo(a)pyrene	23.426	252	11001	0.03	ng	# 72
40) Dibenzo(a,h)anthracene	25.785	278	14601	0.06	ng	# 91
41) Benzo(g,h,i)perylene	26.459	276	15164	0.05	ng	# 89

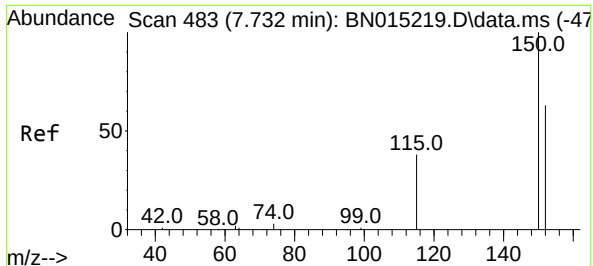
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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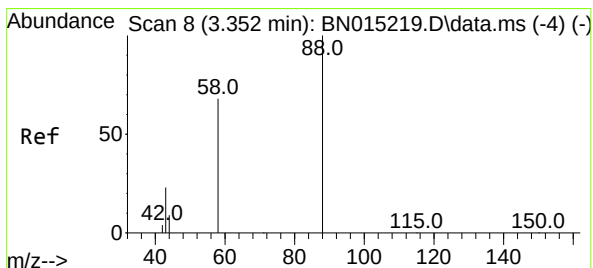
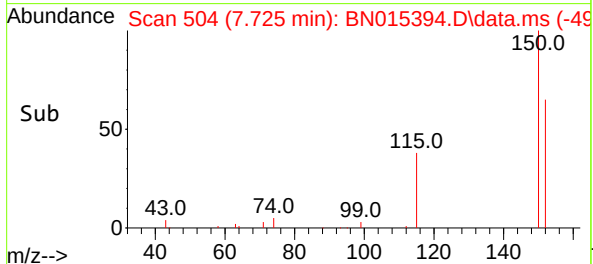
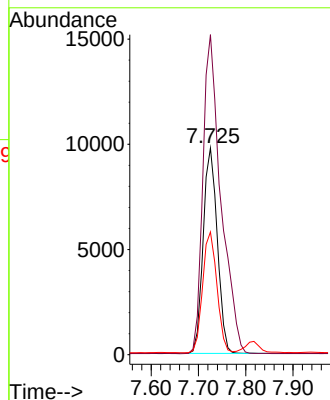
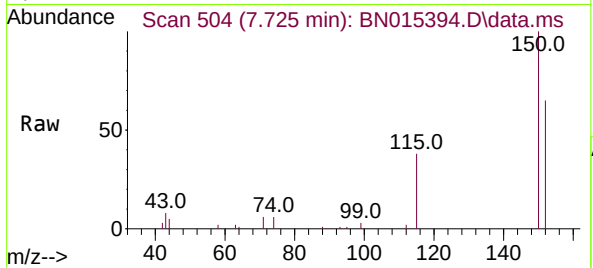




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015394.D
 Acq: 08 Jul 2021 05:21

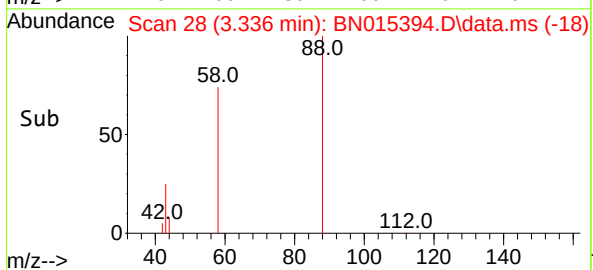
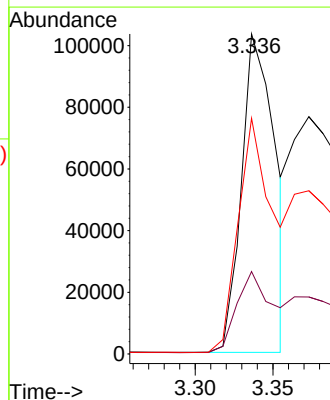
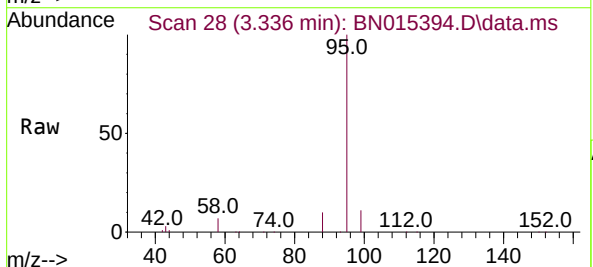
Instrument :
 BNA_N
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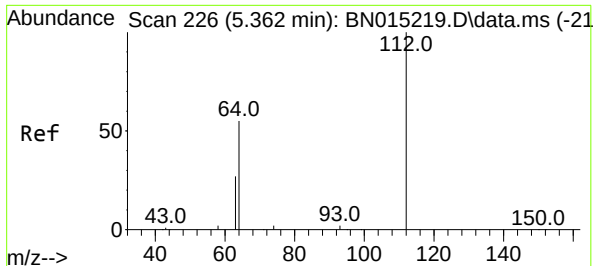
Tgt Ion: 152 Resp: 20264
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.0 178.6
 115 59.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 16.50 ng
 RT: 3.336 min Scan# 28
 Delta R.T. -0.009 min
 Lab File: BN015394.D
 Acq: 08 Jul 2021 05:21

Tgt Ion: 88 Resp: 156796
 Ion Ratio Lower Upper
 88 100
 43 26.7 12.9 19.3#
 58 74.5 38.1 57.1#

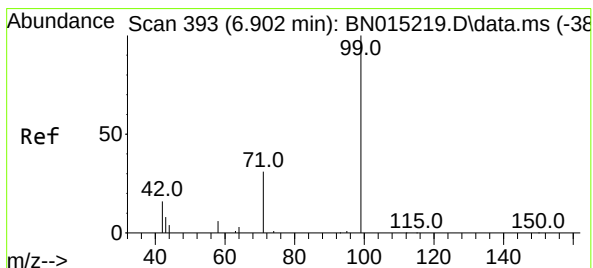
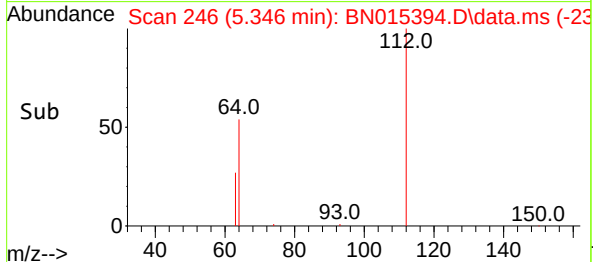
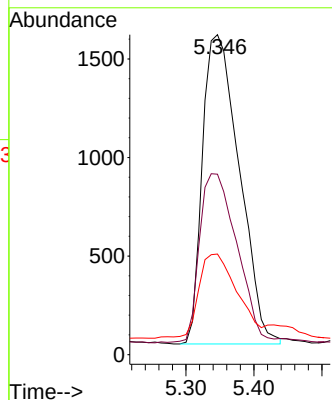
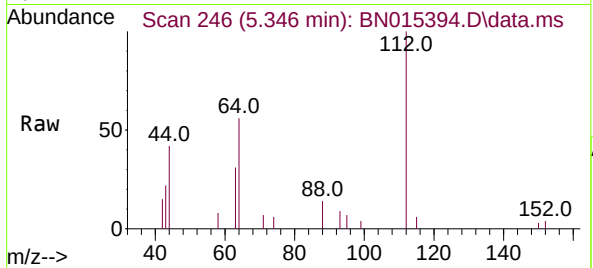




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

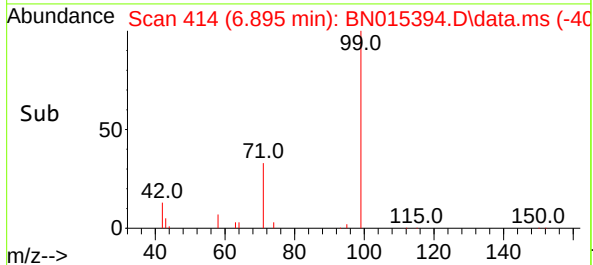
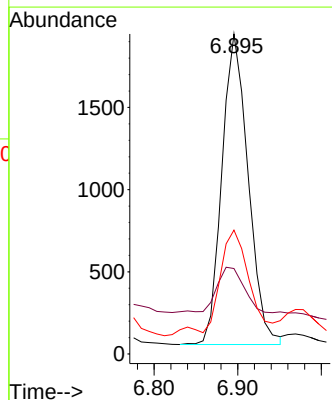
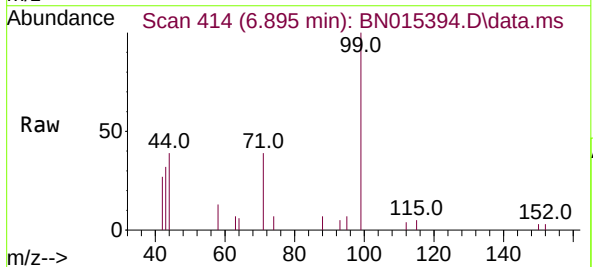
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

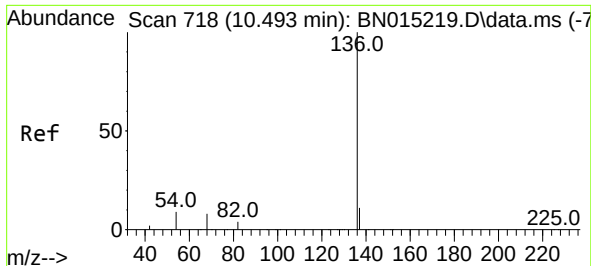
Tgt Ion:112 Resp: 5913
Ion Ratio Lower Upper
112 100
64 55.9 39.0 58.6
63 28.4 20.6 30.8



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion: 99 Resp: 4122
Ion Ratio Lower Upper
99 100
42 15.1 8.9 13.3#
71 35.2 35.6 53.4#

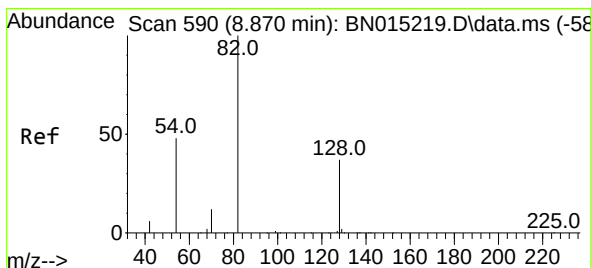
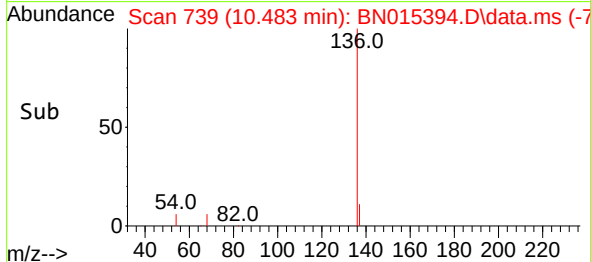
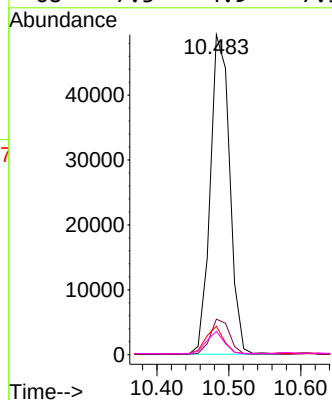
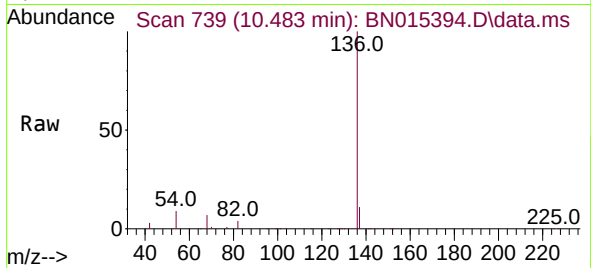




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

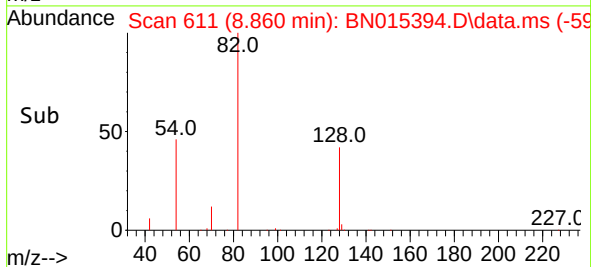
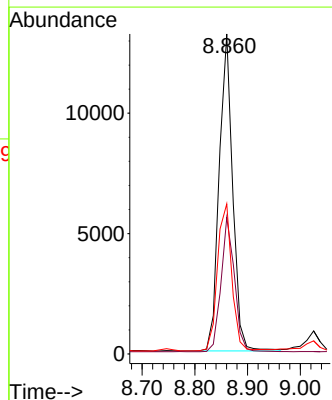
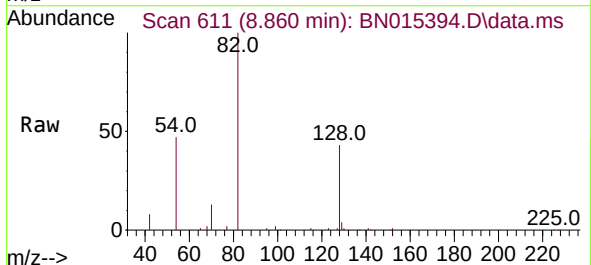
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

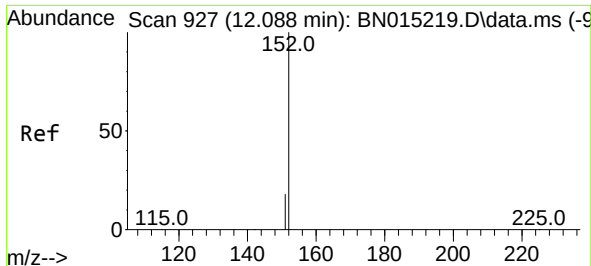
Tgt Ion:	136	Resp:	92474
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	8.9	5.4	8.2#
68	7.3	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:	82	Resp:	23534
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.6	47.4
54	46.9	29.0	43.4#

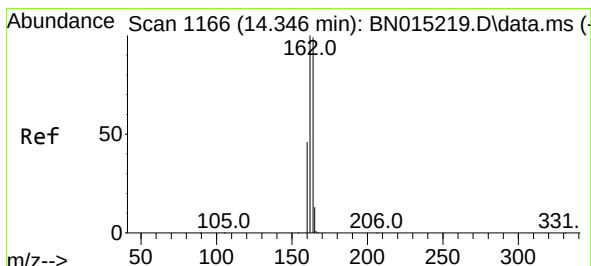
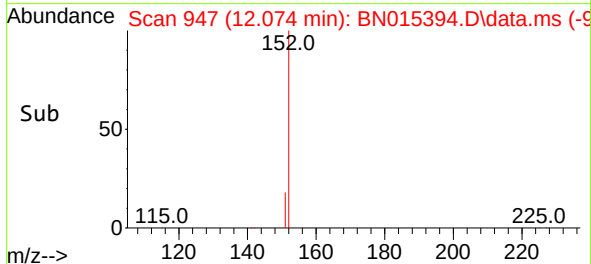
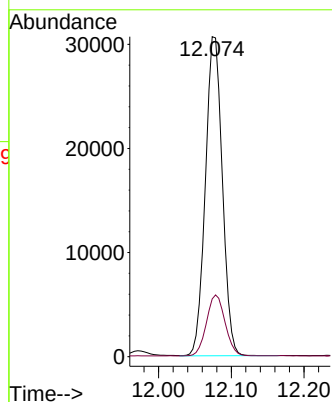
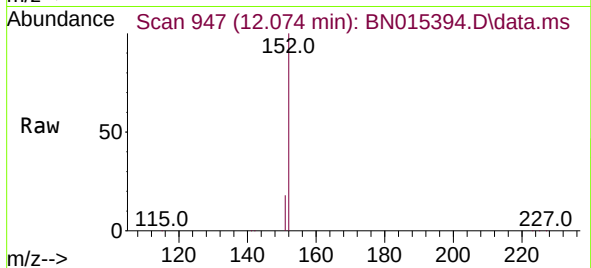




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.005 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

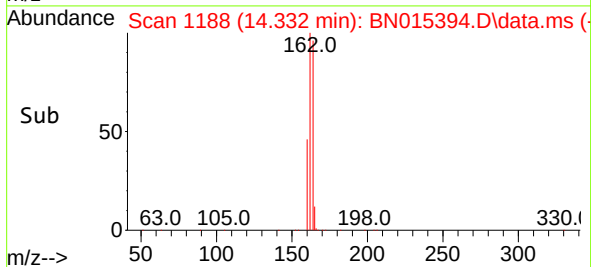
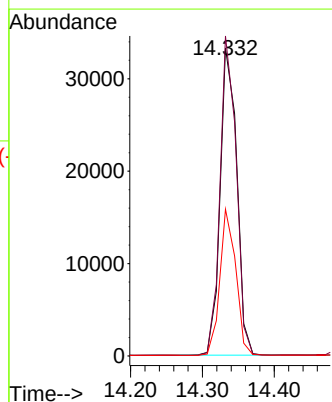
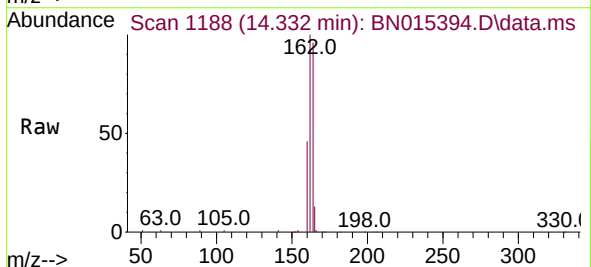
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

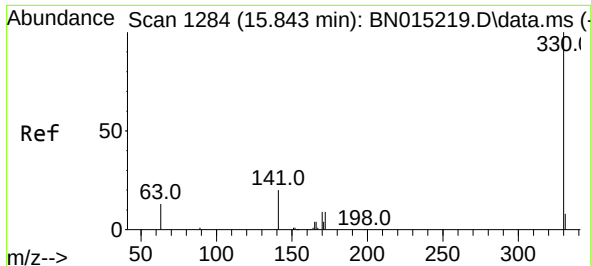
Tgt Ion:152 Resp: 49581
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:164 Resp: 53511
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.6
160 47.6 37.4 56.0

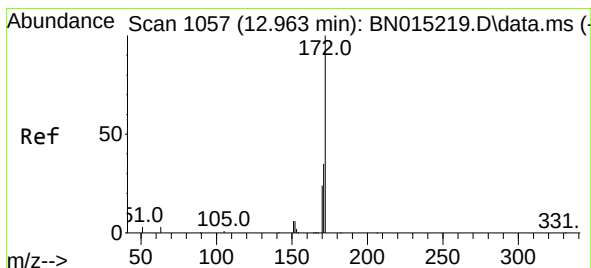
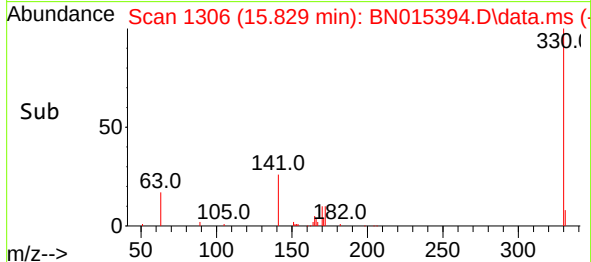
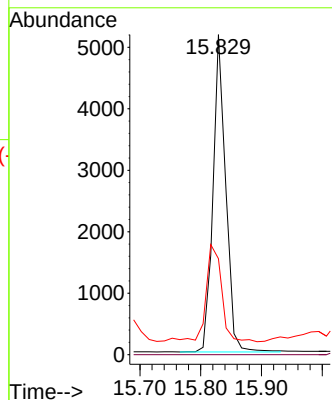
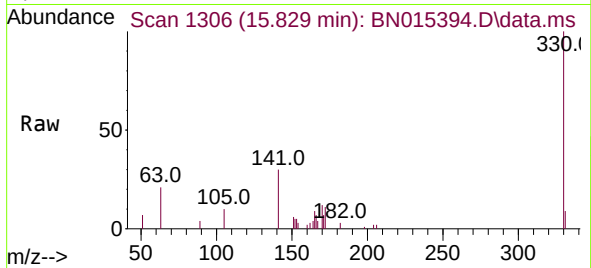




#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

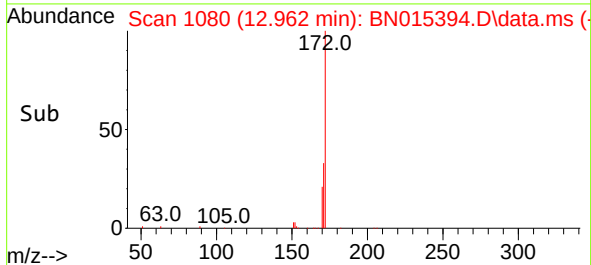
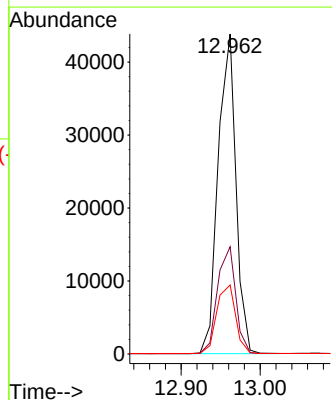
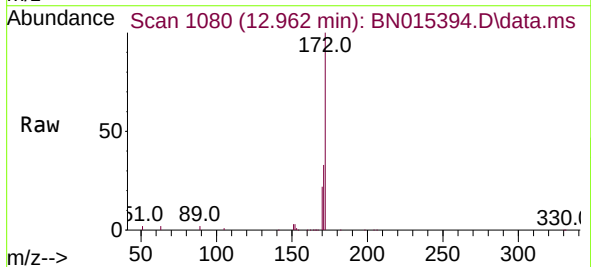
Instrument :
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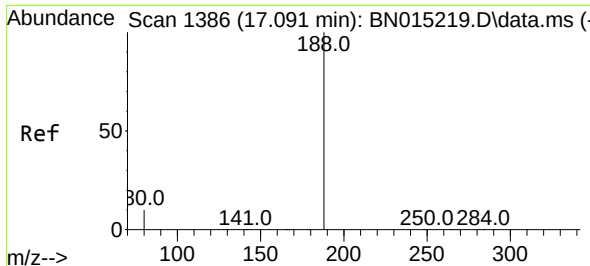
Tgt Ion: 330 Resp: 7534
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion: 172 Resp: 68475
Ion Ratio Lower Upper
172 100
171 33.5 30.6 45.8
170 21.6 20.2 30.4

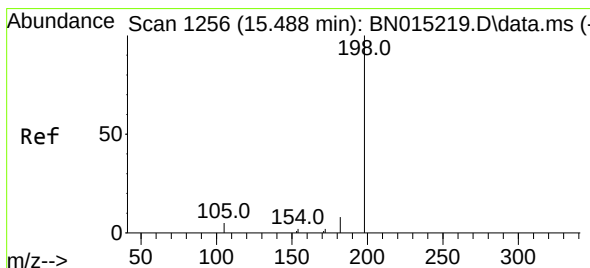
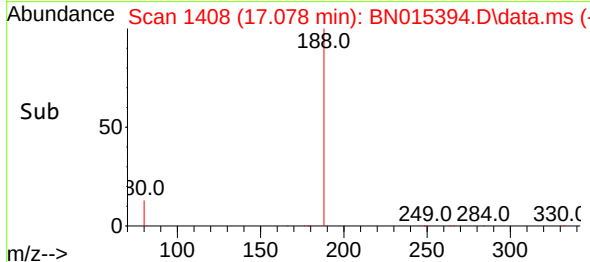
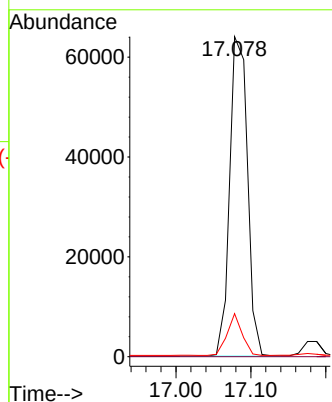
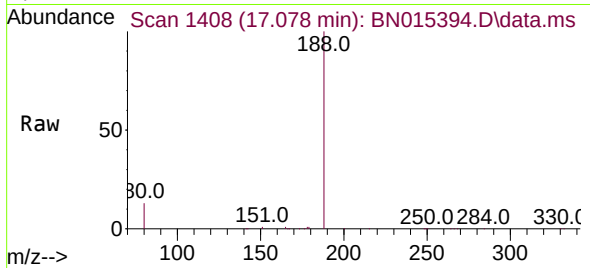




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

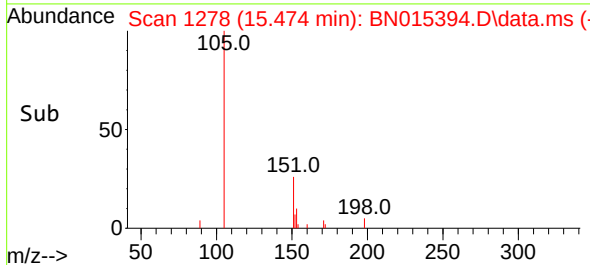
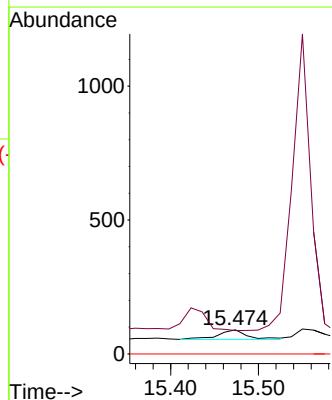
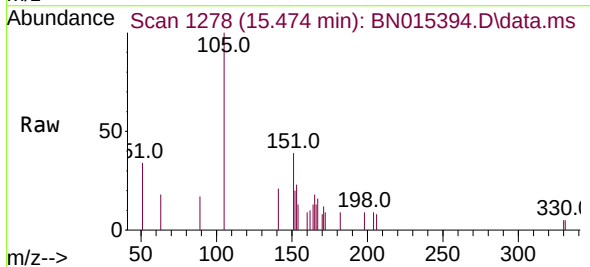
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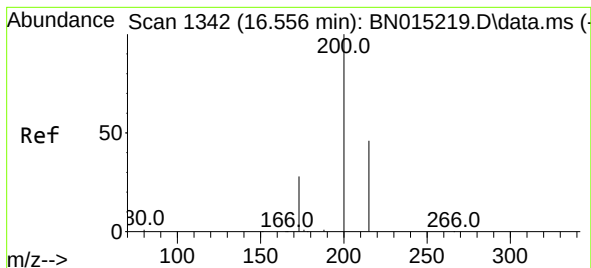
Tgt Ion:188 Resp: 105575
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:198 Resp: 85
Ion Ratio Lower Upper
198 100
182 96.7 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.19 ng

RT: 16.555 min Scan# 1365

Delta R.T. 0.012 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

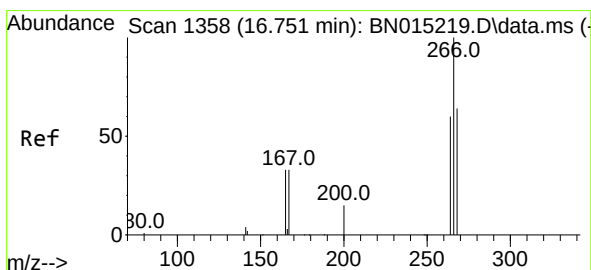
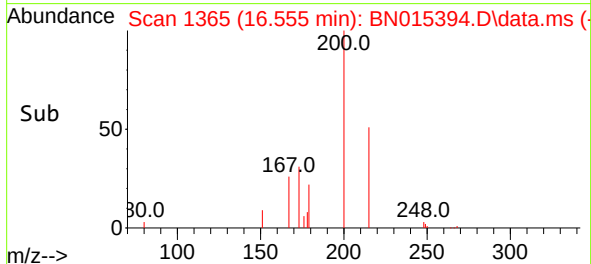
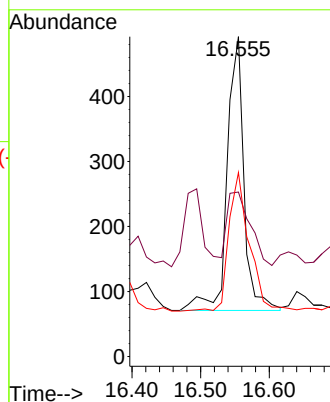
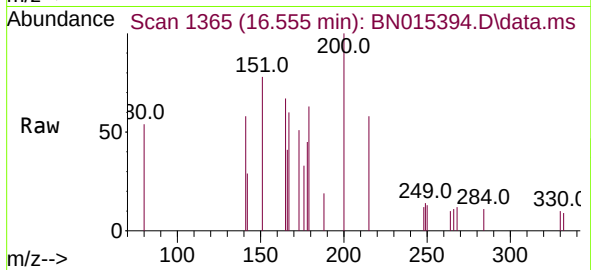
Tgt Ion:	200	Resp:	713
Ion Ratio	Lower	Upper	
200	100		
173	51.4	21.7	32.5#
215	57.5	43.1	64.7

Instrument :

BNA_N

ClientSampleId :

MW-11B-070621



#24

Pentachlorophenol

Concen: 0.61 ng

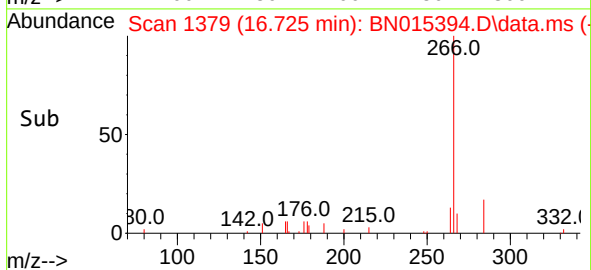
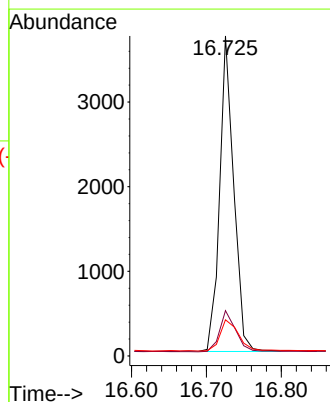
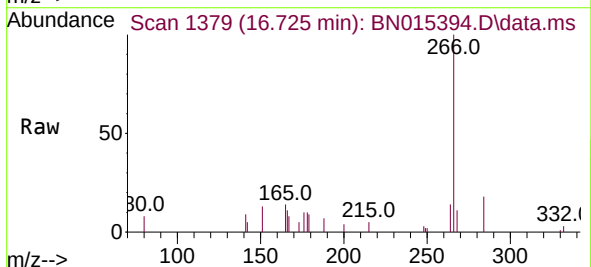
RT: 16.725 min Scan# 1379

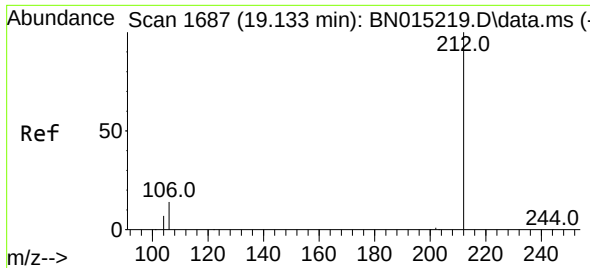
Delta R.T. -0.012 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

Tgt Ion:	266	Resp:	4869
Ion Ratio	Lower	Upper	
266	100		
264	15.2	51.0	76.4#
268	13.4	50.6	76.0#

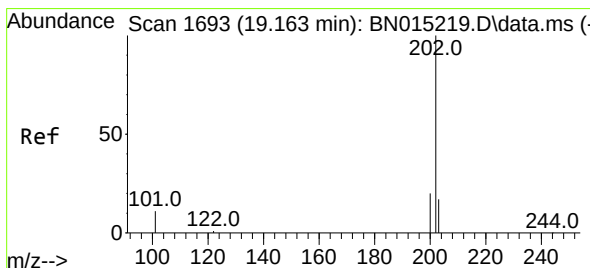
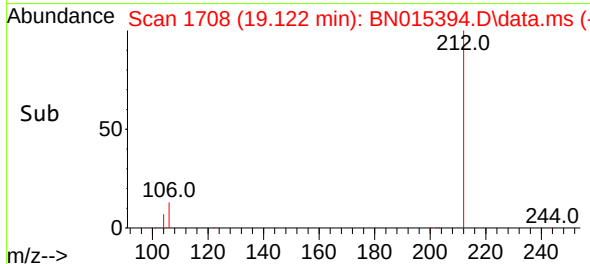
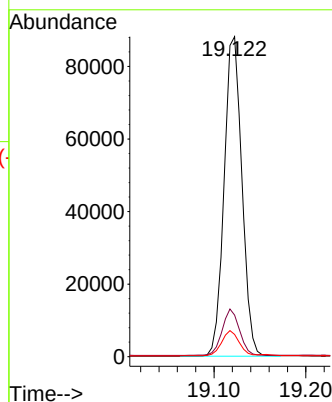
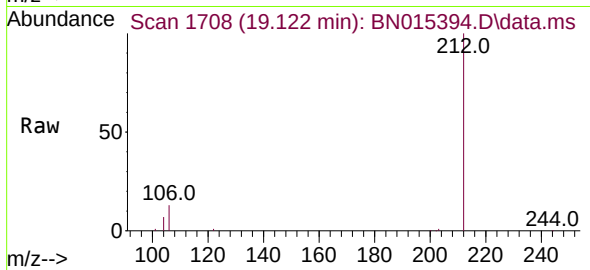




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

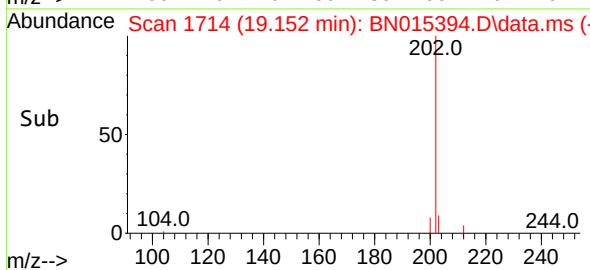
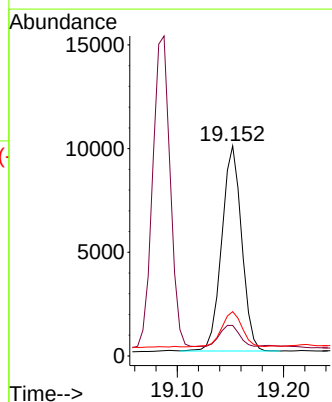
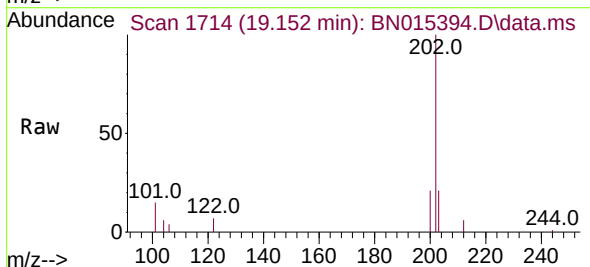
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

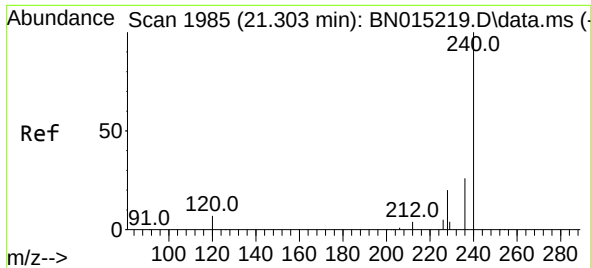
Tgt Ion:212 Resp: 118870
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.8 4.1 6.1#



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.152 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:202 Resp: 12846
Ion Ratio Lower Upper
202 100
101 10.4 6.6 10.0#
203 17.6 13.9 20.9

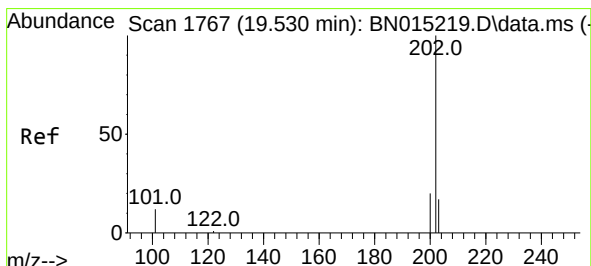
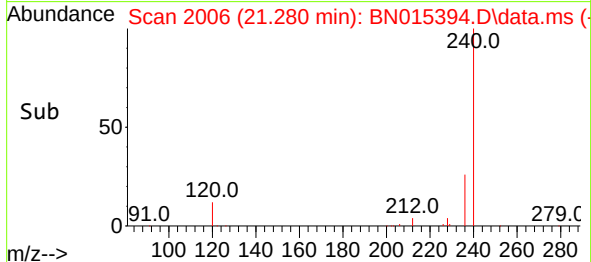
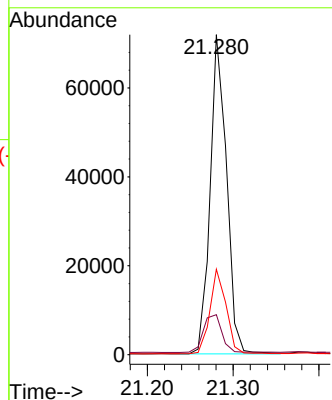
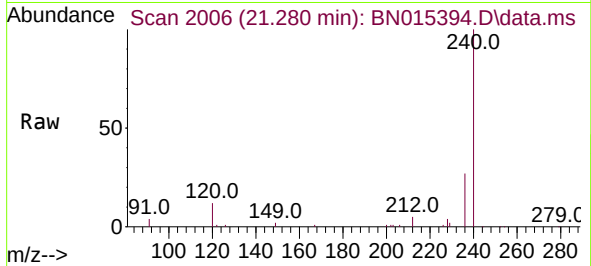




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

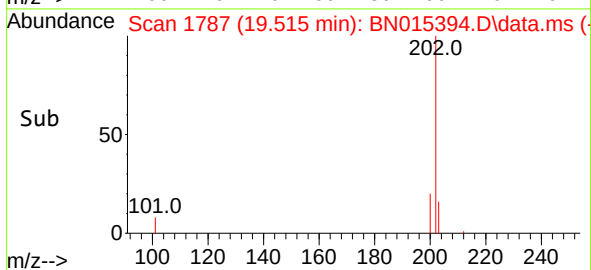
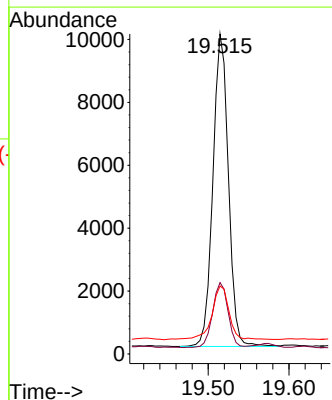
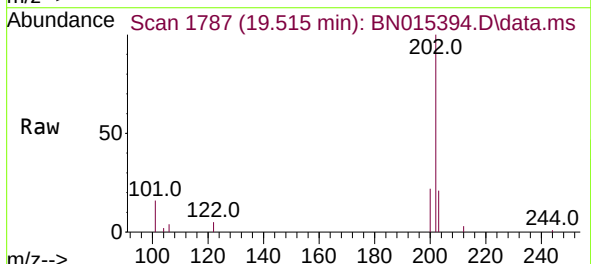
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

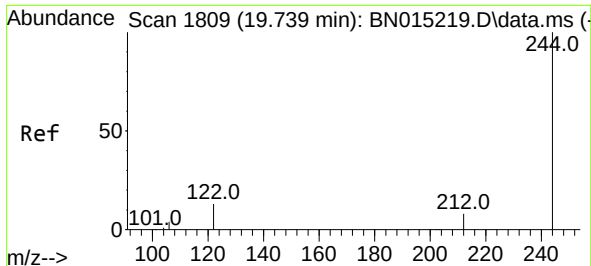
Tgt Ion:240 Resp: 95068
Ion Ratio Lower Upper
240 100
120 12.5 4.2 6.4#
236 26.7 21.4 32.2



#30
Pyrene
Concen: 0.04 ng
RT: 19.515 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:202 Resp: 13282
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 19.2 13.9 20.9

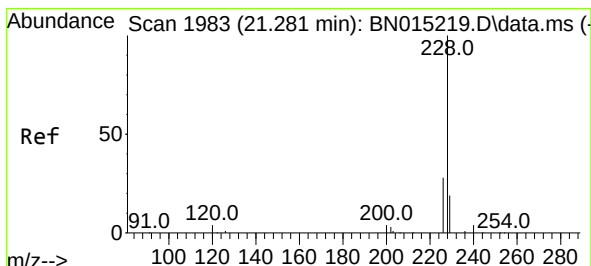
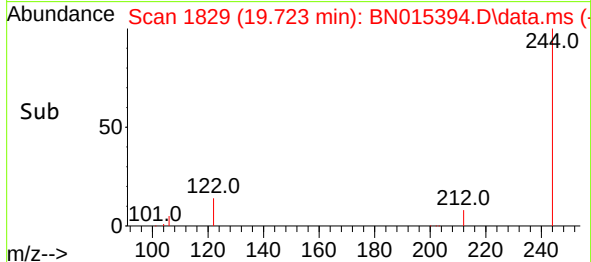
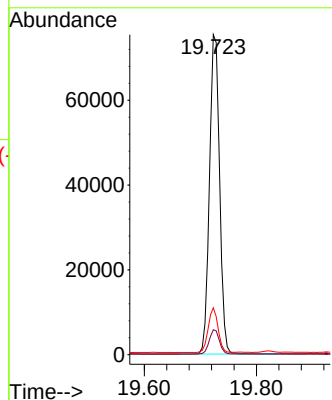
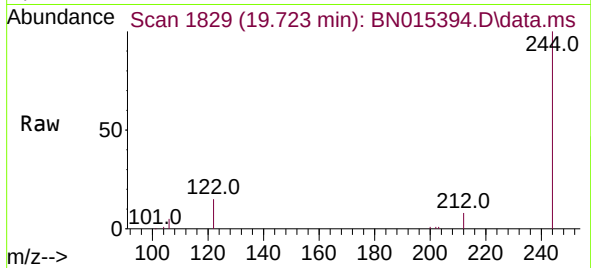




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

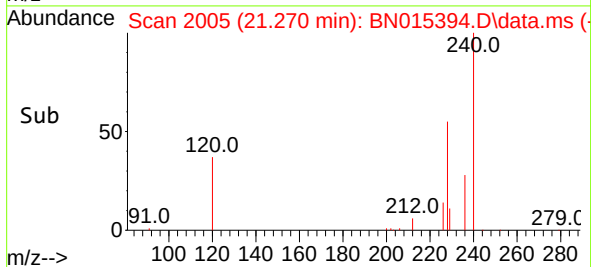
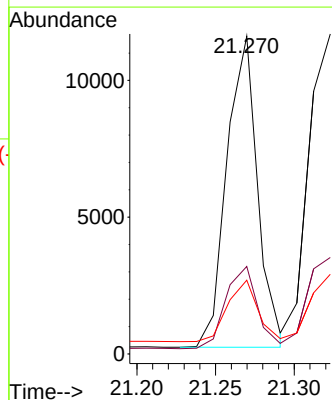
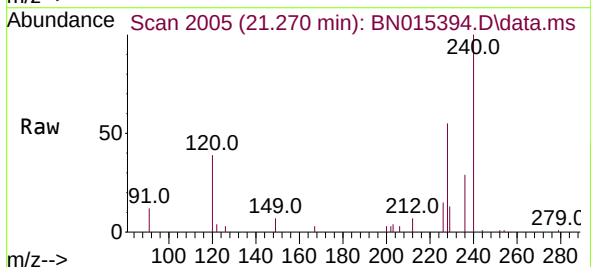
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

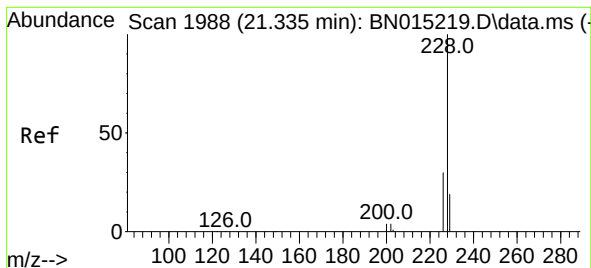
Tgt Ion:244 Resp: 94301
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.6 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:228 Resp: 15481
Ion Ratio Lower Upper
228 100
226 27.5 23.0 34.6
229 23.2 15.7 23.5





#33

Chrysene

Concen: 0.04 ng

RT: 21.270 min Scan# 2005

Delta R.T. -0.053 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

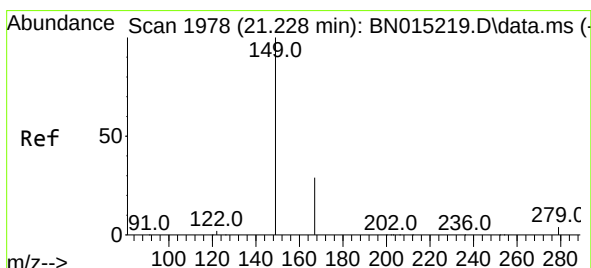
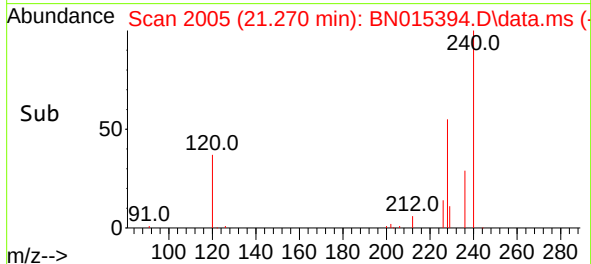
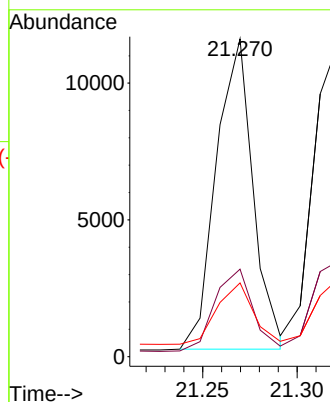
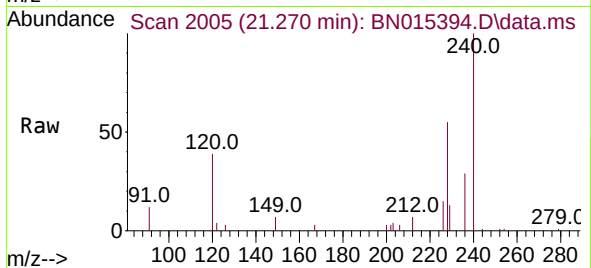
Instrument :

BNA_N

ClientSampleId :

MW-11B-070621

Tgt Ion:228	Resp:	15367
Ion Ratio	Lower	Upper
228	100	
226	27.5	25.0 37.6
229	23.2	15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.53 ng

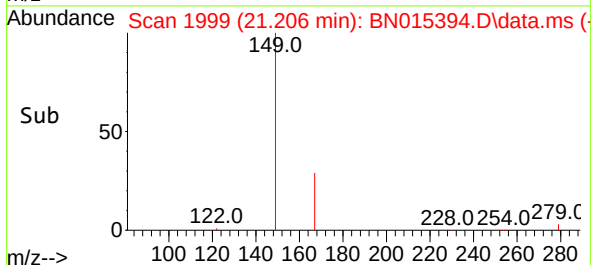
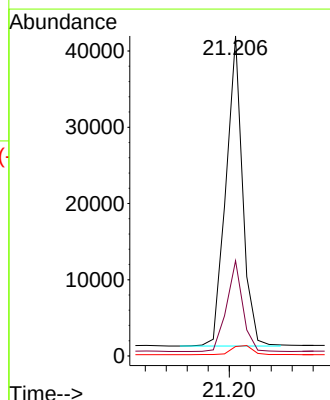
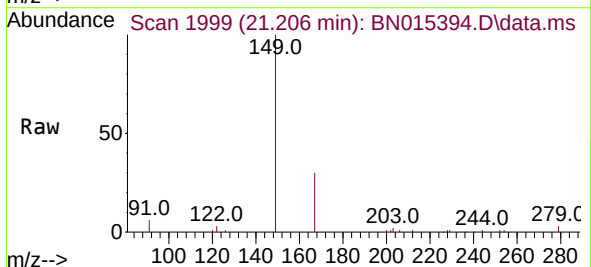
RT: 21.206 min Scan# 1999

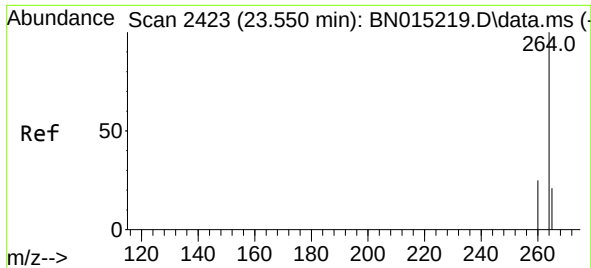
Delta R.T. -0.000 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

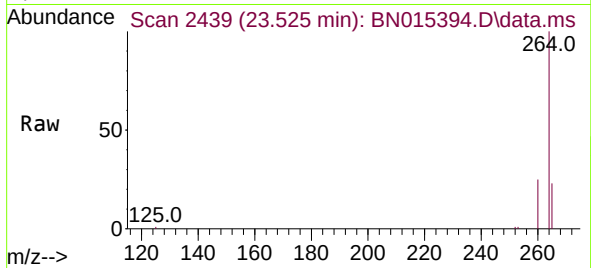
Tgt Ion:149	Resp:	44802
Ion Ratio	Lower	Upper
149	100	
167	28.3	28.9 43.3#
279	3.8	4.9 7.3#





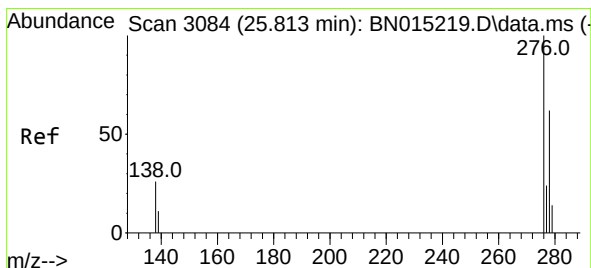
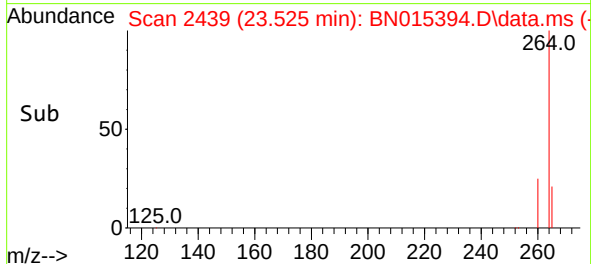
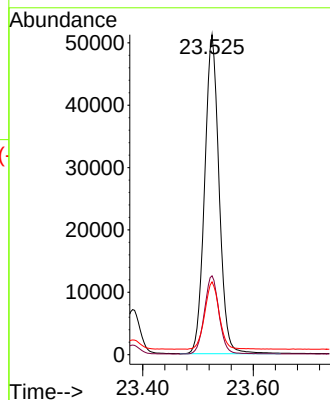
#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.525 min Scan# 2439
 Delta R.T. -0.003 min
 Lab File: BN015394.D
 Acq: 08 Jul 2021 05:21

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621



Tgt Ion:264 Resp: 92675

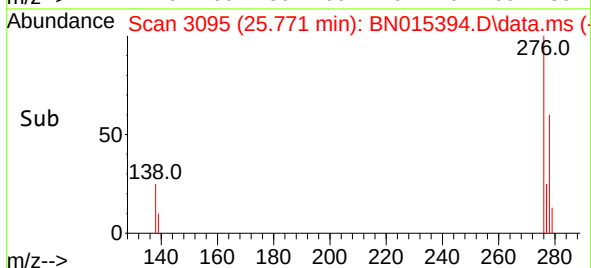
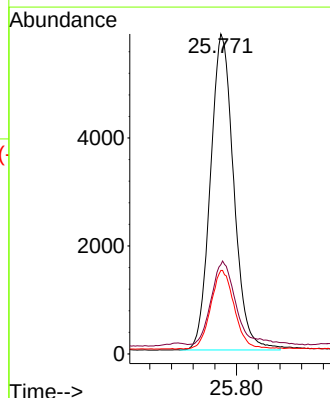
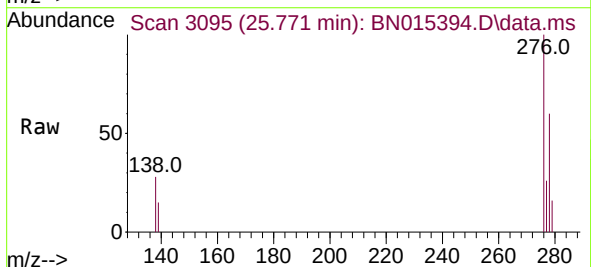
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	22.7	21.4	32.2

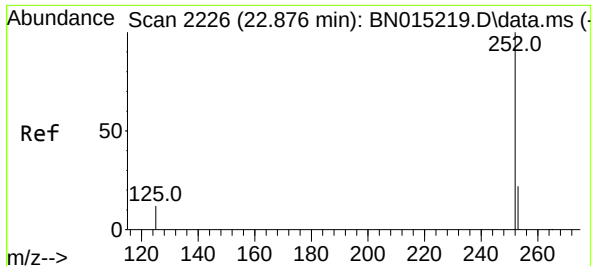


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng
 RT: 25.771 min Scan# 3095
 Delta R.T. -0.007 min
 Lab File: BN015394.D
 Acq: 08 Jul 2021 05:21

Tgt Ion:276 Resp: 17472

Ion	Ratio	Lower	Upper
276	100		
138	27.6	10.0	15.0#
277	25.0	20.4	30.6

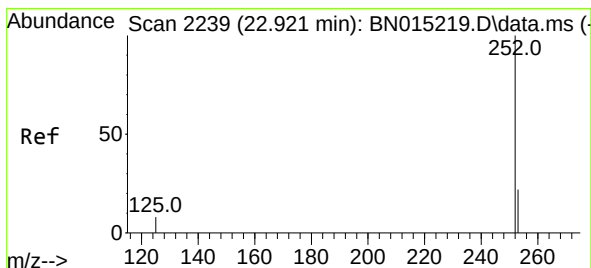
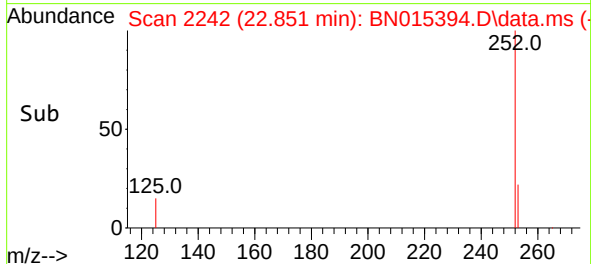
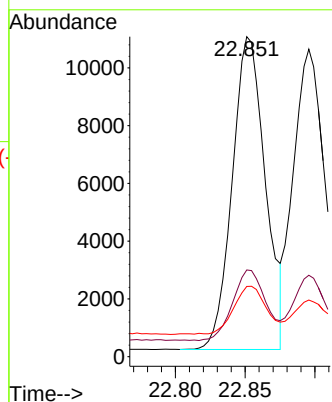
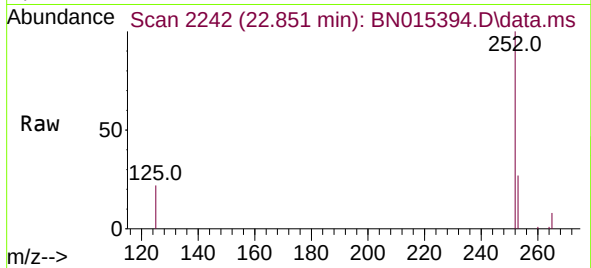




#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

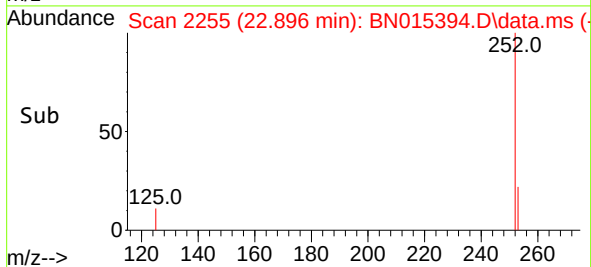
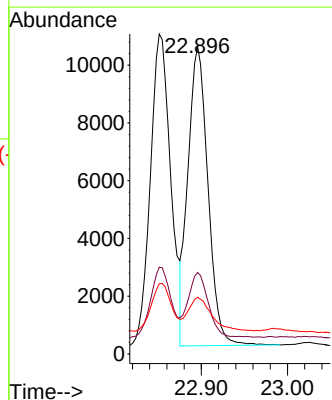
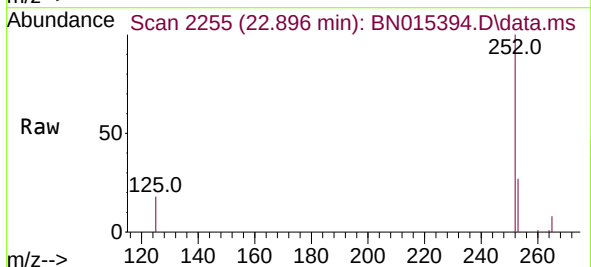
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

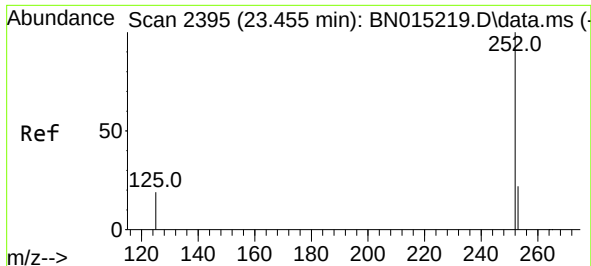
Tgt Ion:252 Resp: 17855
Ion Ratio Lower Upper
252 100
253 27.1 18.5 27.7
125 21.9 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.896 min Scan# 2255
Delta R.T. -0.007 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:252 Resp: 16713
Ion Ratio Lower Upper
252 100
253 26.5 19.1 28.7
125 18.4 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.426 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

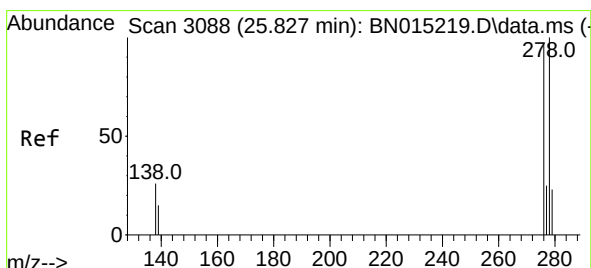
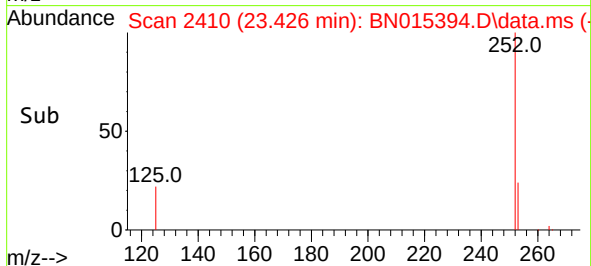
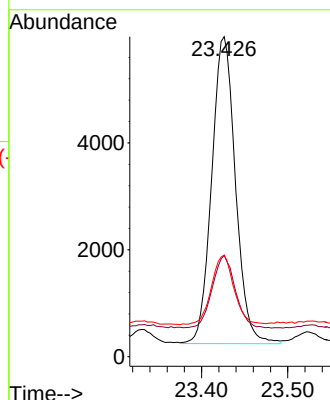
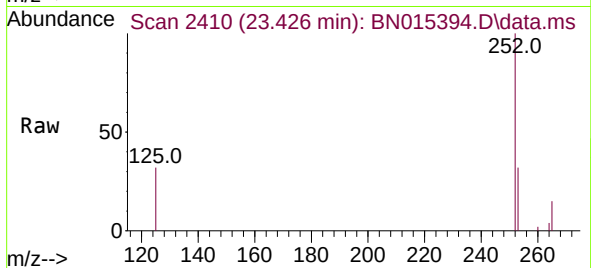
Tgt Ion:	252	Resp:	11001
Ion Ratio	Lower	Upper	
252	100		
253	31.7	19.4	29.2#
125	31.8	7.4	11.2#

Instrument :

BNA_N

ClientSampleId :

MW-11B-070621



#40

Dibenzo(a,h)anthracene

Concen: 0.06 ng

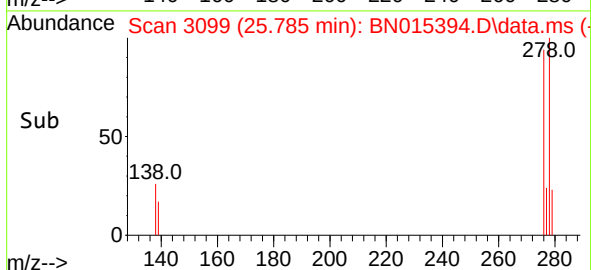
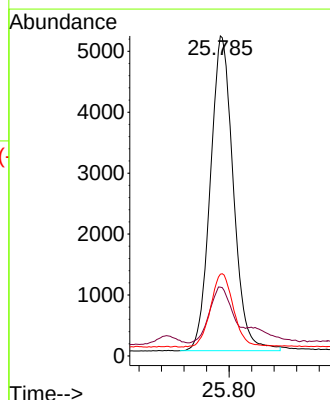
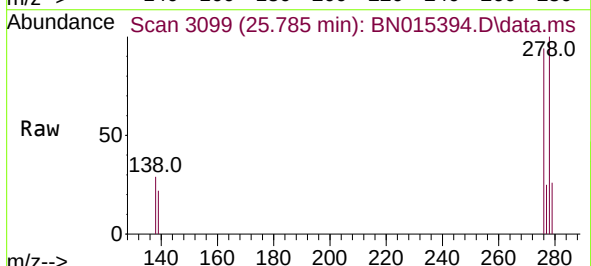
RT: 25.785 min Scan# 3099

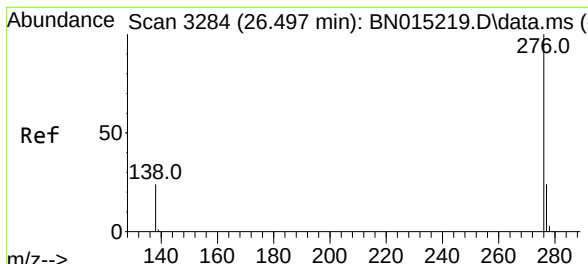
Delta R.T. -0.003 min

Lab File: BN015394.D

Acq: 08 Jul 2021 05:21

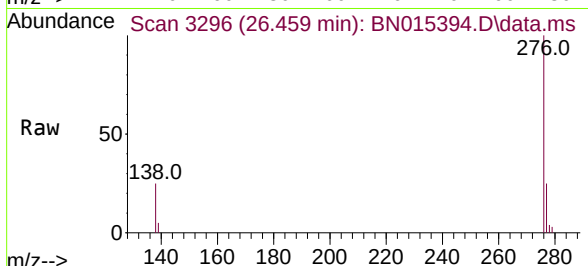
Tgt Ion:	278	Resp:	14601
Ion Ratio	Lower	Upper	
278	100		
139	21.5	9.0	13.4#
279	25.6	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	25.2	9.8	14.6

