

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

Manual Integrations
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mohammad
 7/8/2021 9:14:28 AM

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	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	92474	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	53511	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	105575	0.400	ng	0.00
29) Chrysene-d12	21.280	240	95068	0.400	ng	#-0.01
35) Perylene-d12	23.525	264	92675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	5913	0.115	ng	0.00
5) Phenol-d6	6.895	99	4122	0.063	ng	0.00
8) Nitrobenzene-d5	8.860	82	23534	0.454	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	49581	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7534	0.546	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	68475	0.315	ng	0.00
27) Fluoranthene-d10	19.122	212	118870	0.381	ng	0.00
31) Terphenyl-d14	19.723	244	94301	0.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	156796	16.504	ng	# 64
23) Atrazine	16.555	200	713	0.185	ng	# 81
24) Pentachlorophenol	16.725	266	4869	0.612	ng	# 37
28) Fluoranthene	19.152	202	12846	0.035	ng	# 98
30) Pyrene	19.515	202	13282	0.037	ng	98
32) Benzo(a)anthracene	21.270	228	15481	0.047	ng	95
33) Chrysene	21.323	228	15993m	0.045	ng	
34) Bis(2-ethylhexyl)phtha...	21.206	149	44802	0.528	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.771	276	17472	0.053	ng	# 87
37) Benzo(b)fluoranthene	22.851	252	17855	0.049	ng	# 84
38) Benzo(k)fluoranthene	22.896	252	16713	0.043	ng	# 88
39) Benzo(a)pyrene	23.426	252	11001	0.033	ng	# 72
40) Dibenzo(a,h)anthracene	25.785	278	14601	0.056	ng	# 91
41) Benzo(g,h,i)perylene	26.459	276	15164	0.053	ng	# 89

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

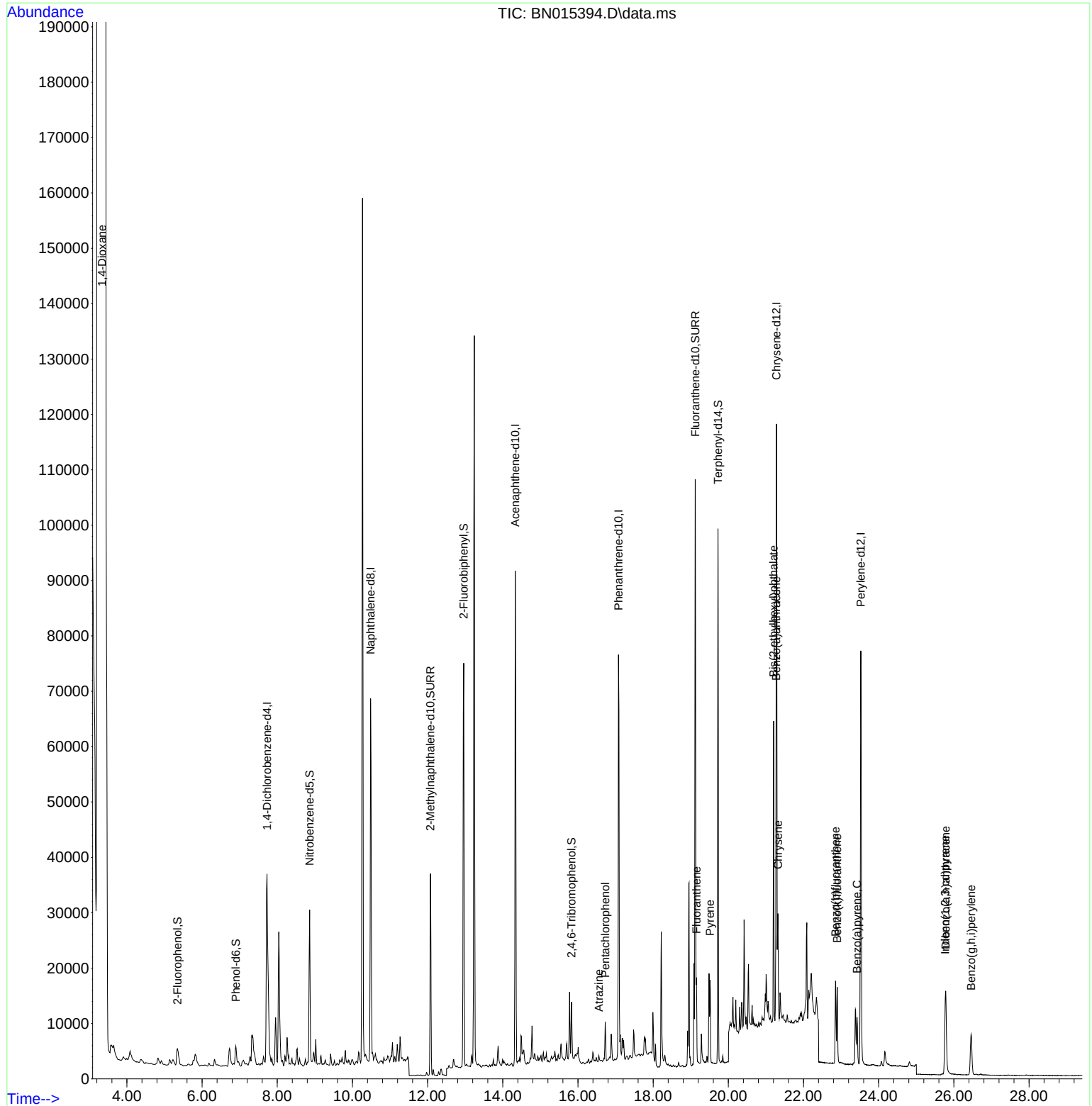
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015394.D
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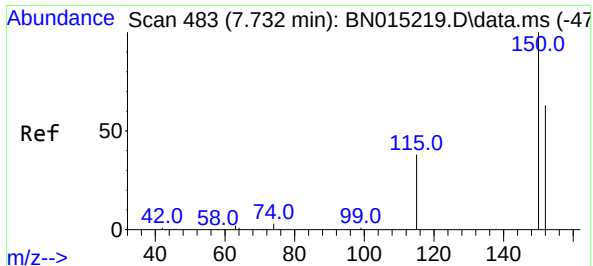
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ClientSampleId :
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QLast Update : Wed Jul 07 11:11:38 2021
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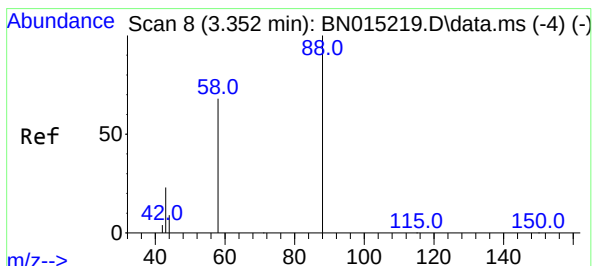
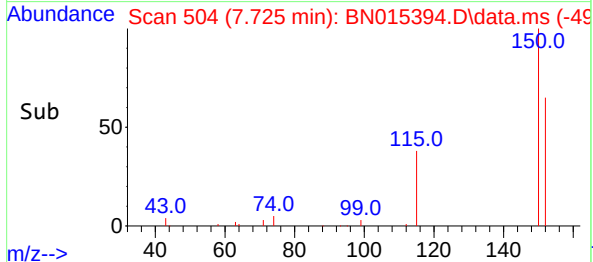
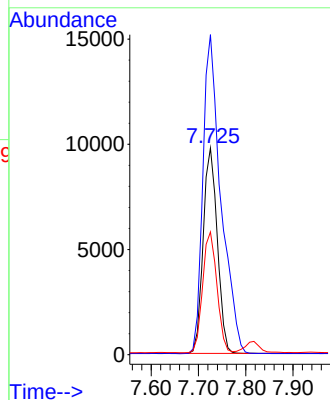
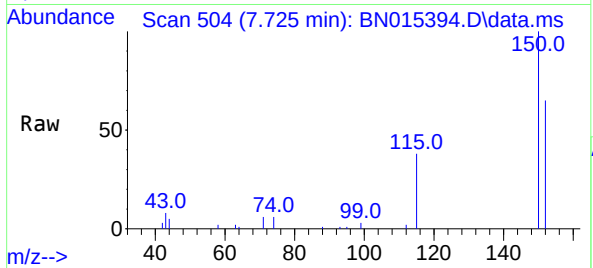
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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#

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621

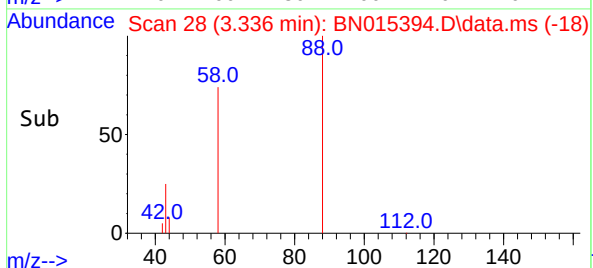
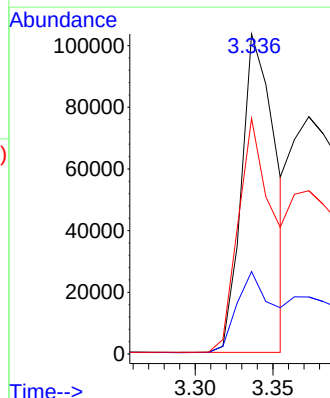
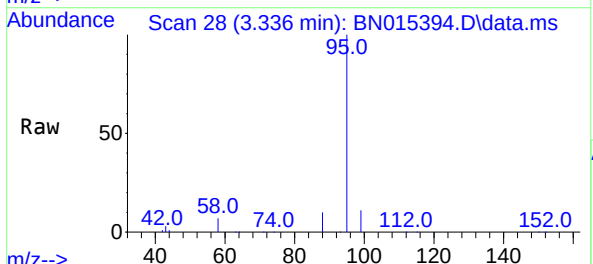
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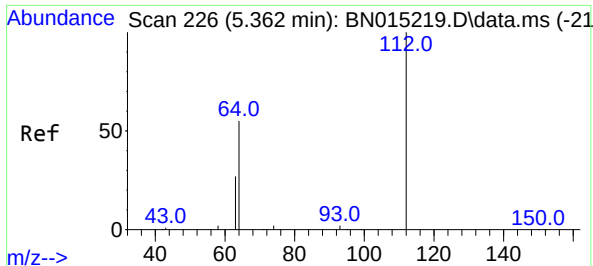
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#2
1,4-Dioxane
Concen: 16.504 ng
RT: 3.336 min Scan# 28
Delta R.T. -0.009 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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#





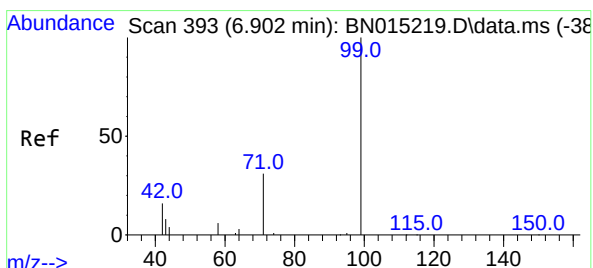
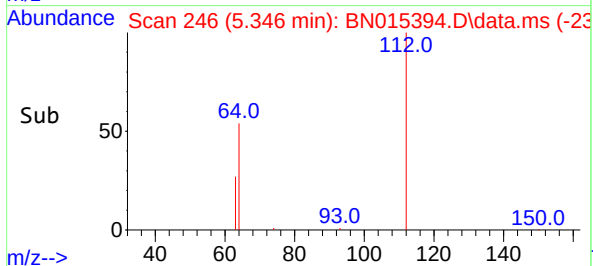
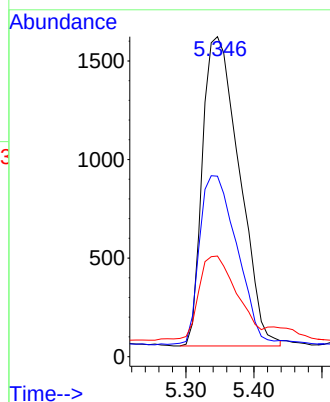
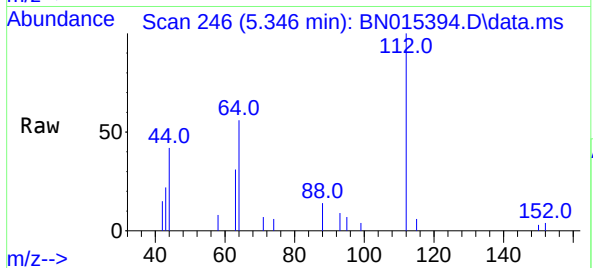
#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

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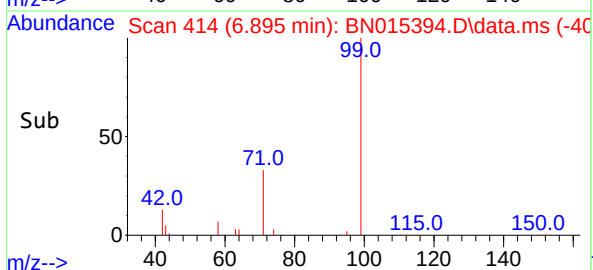
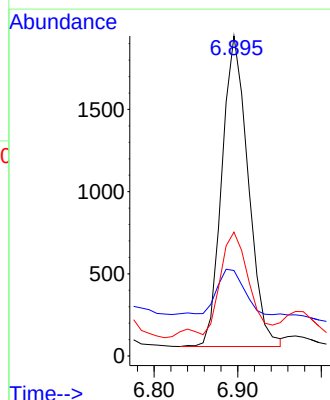
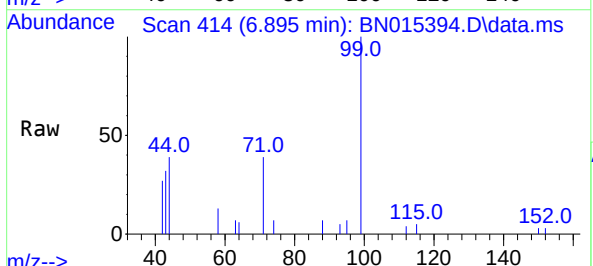
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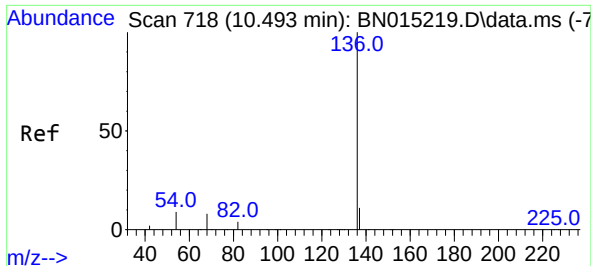
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#5
Phenol-d6
Concen: 0.063 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

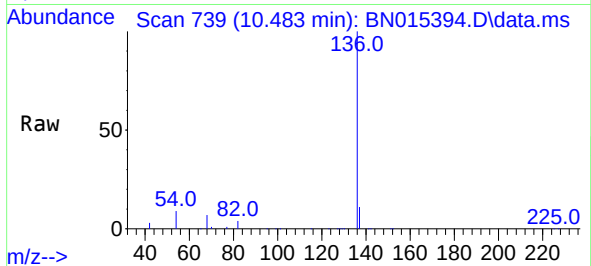
Tgt Ion: 99 Resp: 4122
Ion Ratio Lower Upper
99 100
42 15.1 8.9 13.3#
71 35.2 35.6 53.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

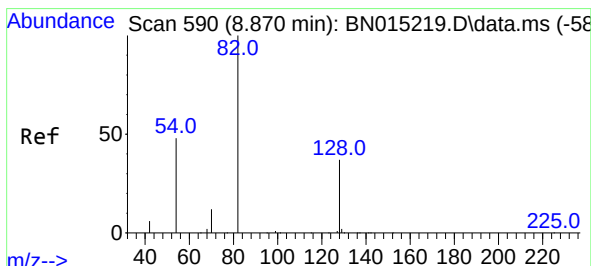
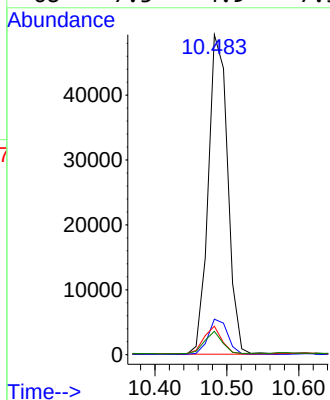
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ClientSampleId :
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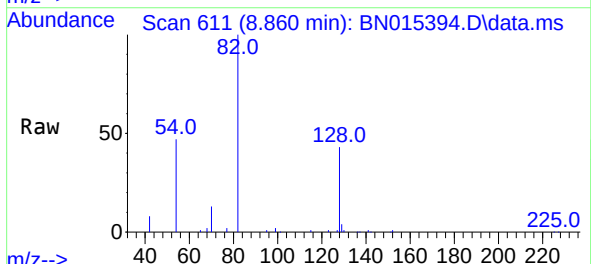
Tgt Ion:	136	Resp:	92474
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	8.9	5.4	8.2#
68	7.3	4.9	7.3

Manual Integrations
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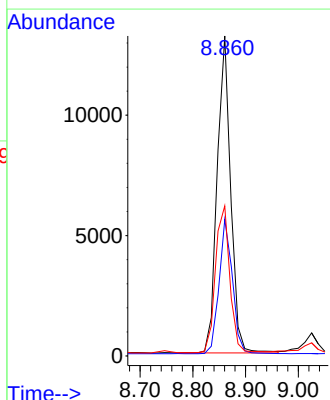
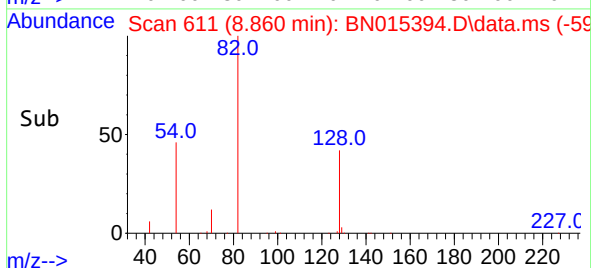
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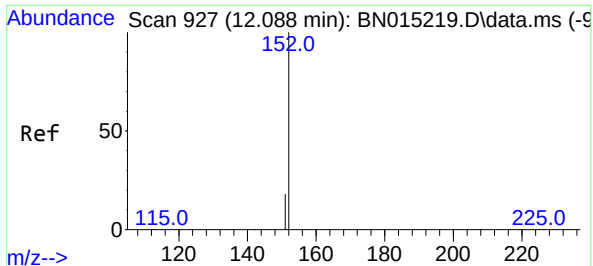


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



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#





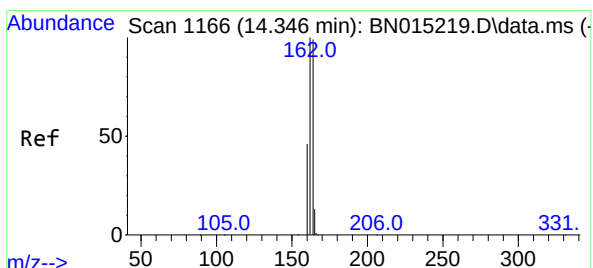
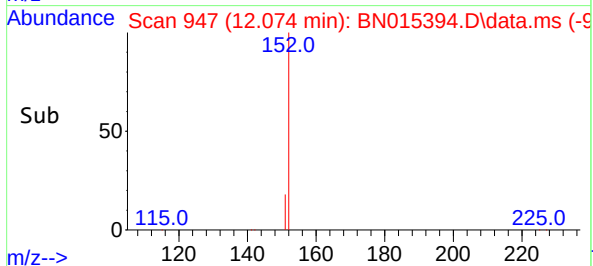
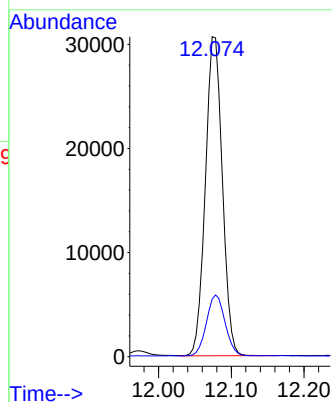
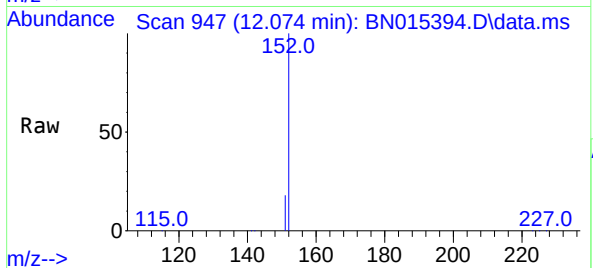
#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.005 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

Instrument :
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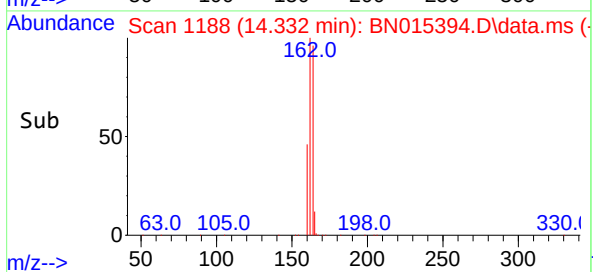
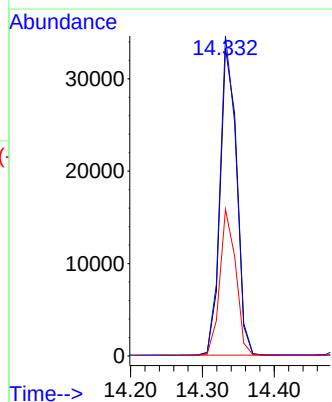
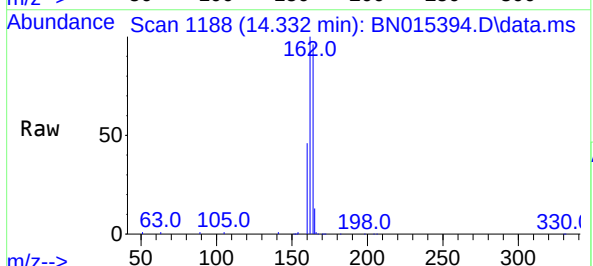
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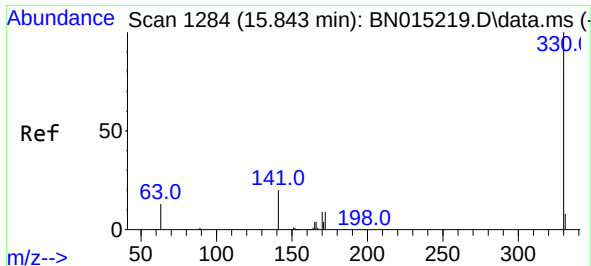
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

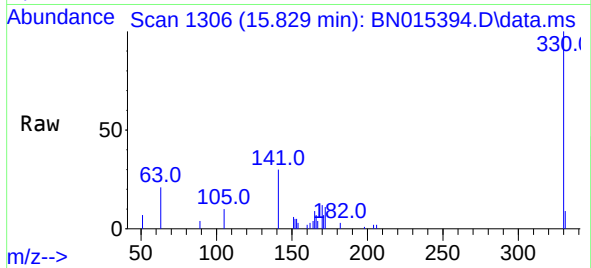
Tgt Ion:164 Resp: 53511
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.6
160 47.6 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.546 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

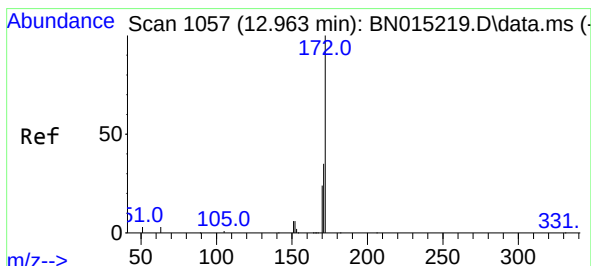
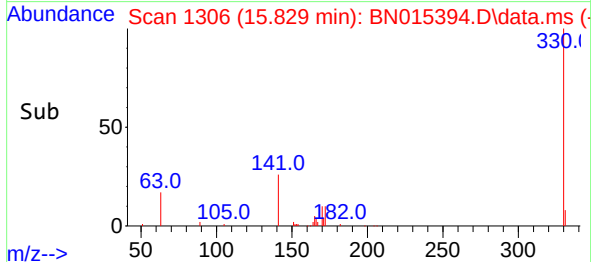
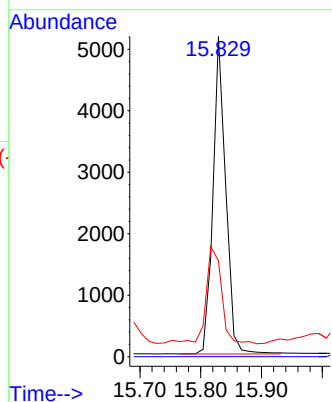
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Tgt Ion:330 Resp: 7534
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 22.4 33.6#

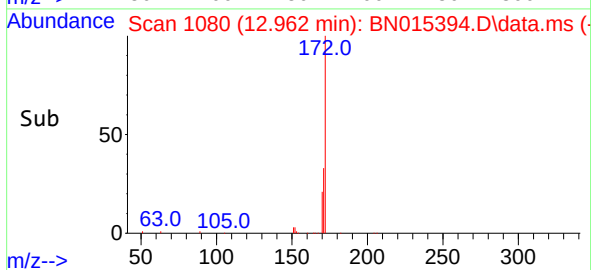
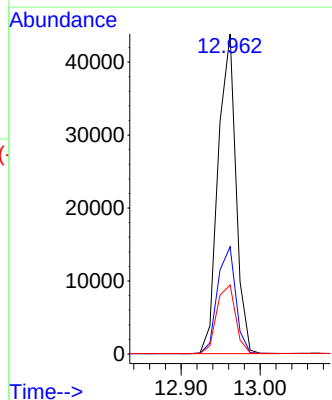
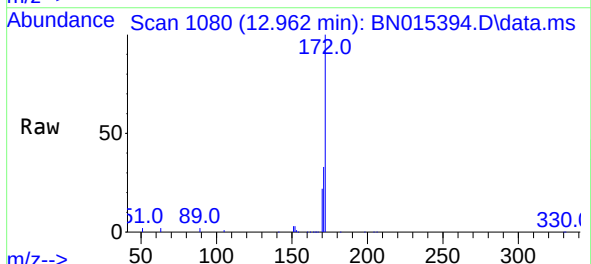
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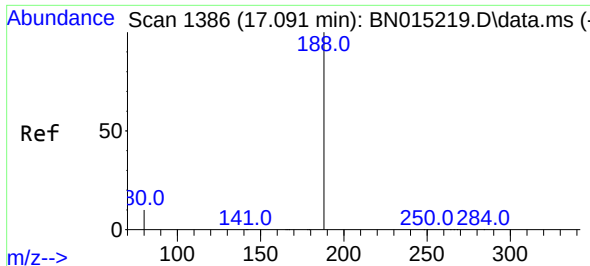
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#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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





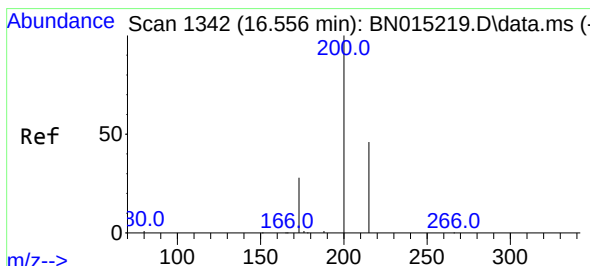
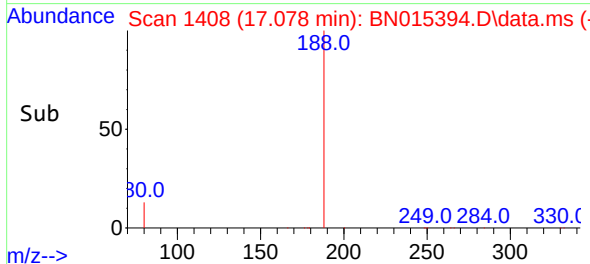
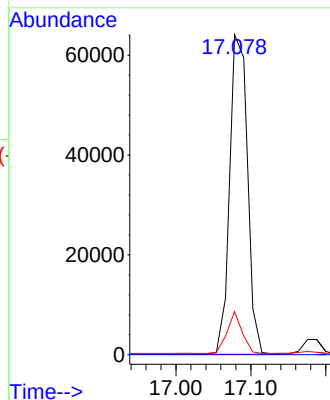
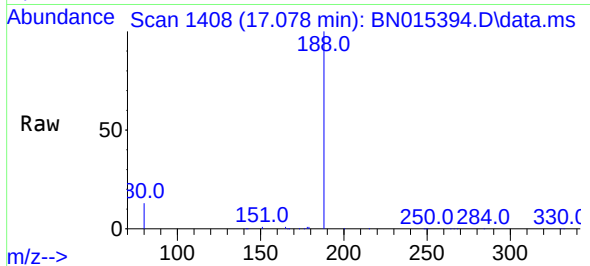
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

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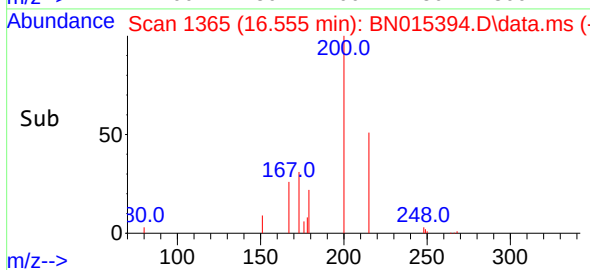
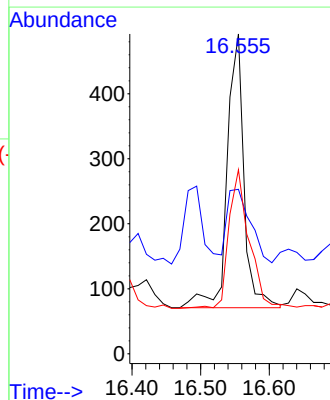
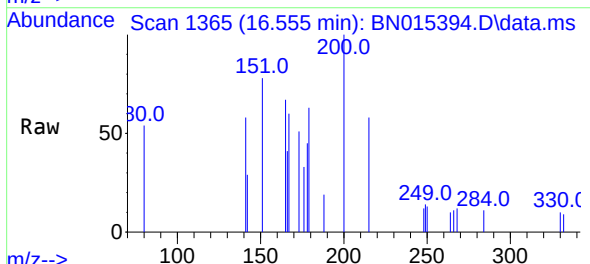
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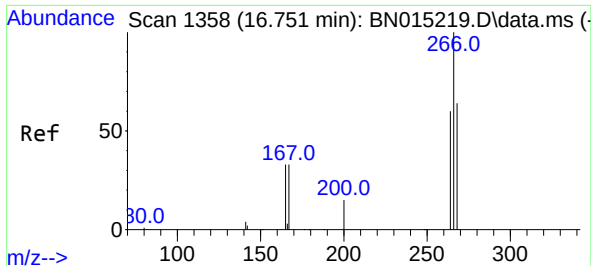
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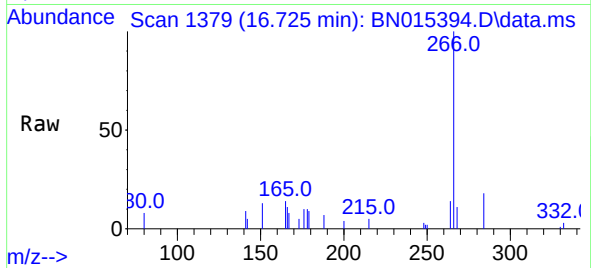
#23
Atrazine
Concen: 0.185 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

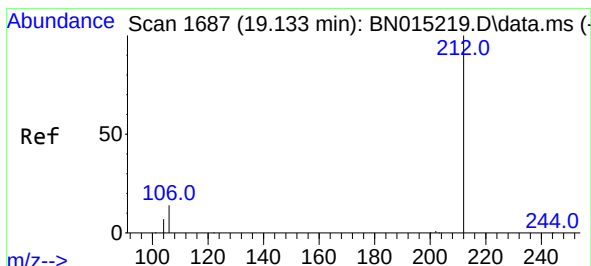
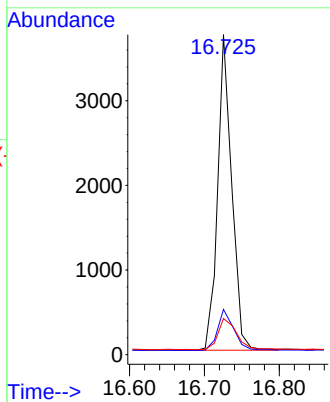
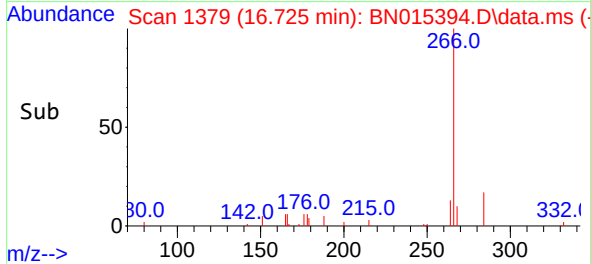




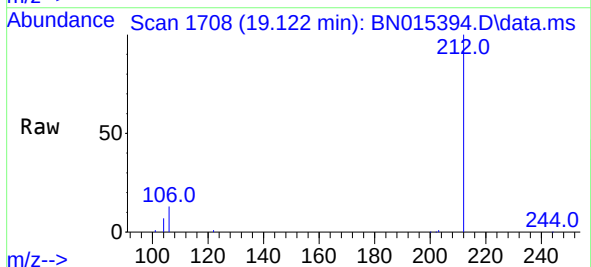
#24
Pentachlorophenol
Concen: 0.612 ng
RT: 16.725 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



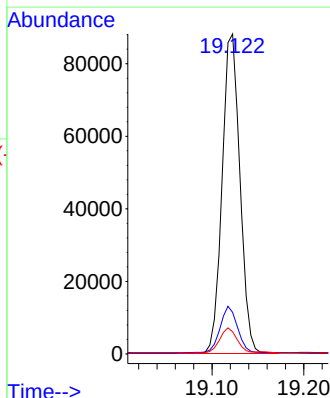
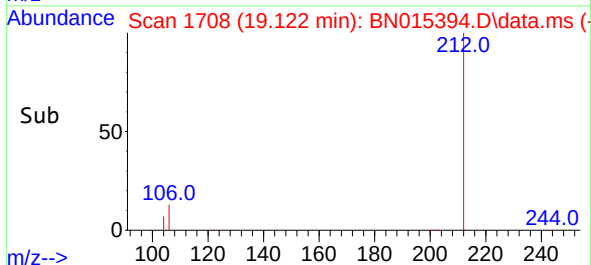
Tgt Ion:266 Resp: 4869
Ion Ratio Lower Upper
266 100
264 15.2 51.0 76.4#
268 13.4 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



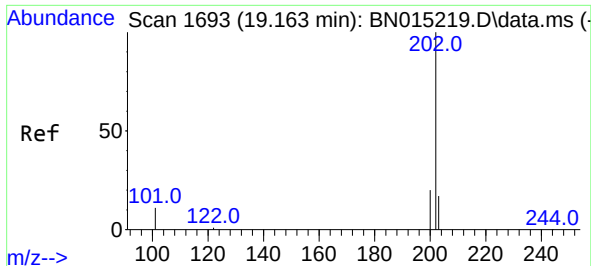
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Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.8 4.1 6.1#



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ClientSampleId :
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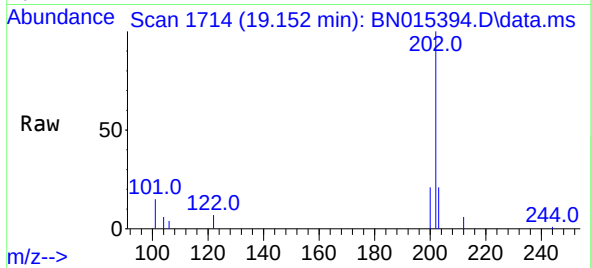
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#28
Fluoranthene
Concen: 0.035 ng
RT: 19.152 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN015394.D
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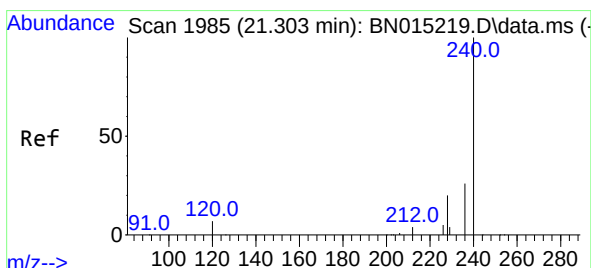
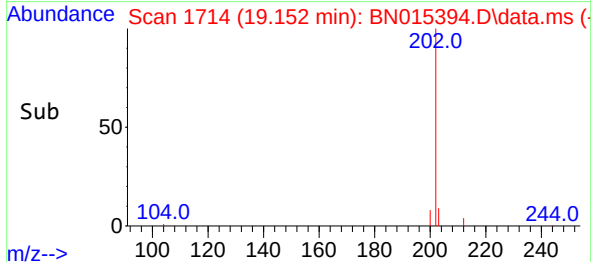
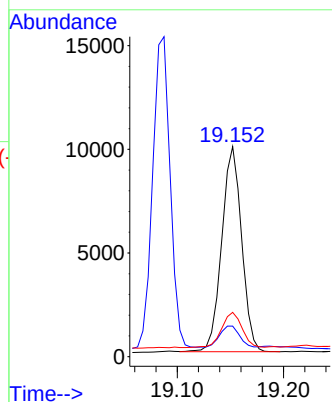
Instrument :
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Tgt Ion:202 Resp: 12846
Ion Ratio Lower Upper
202 100
101 10.4 6.6 10.0#
203 17.6 13.9 20.9

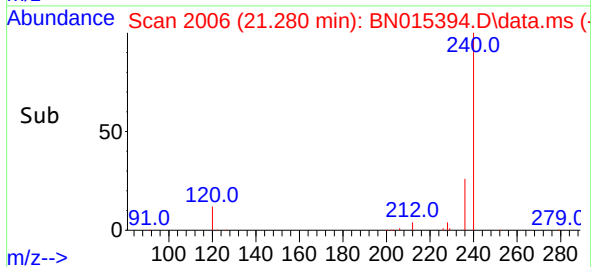
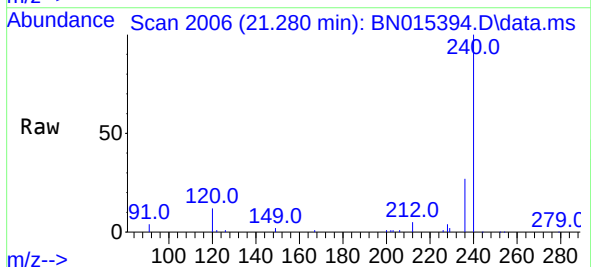
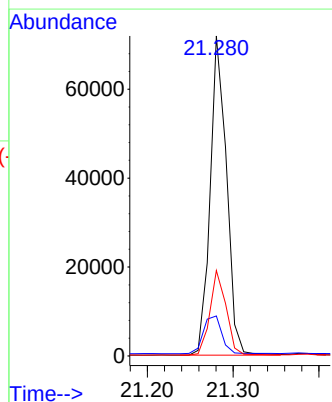
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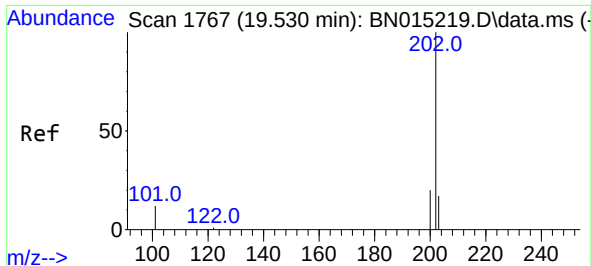
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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





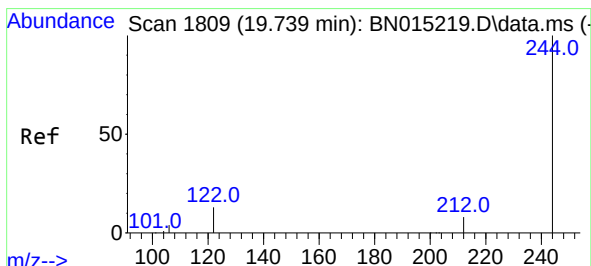
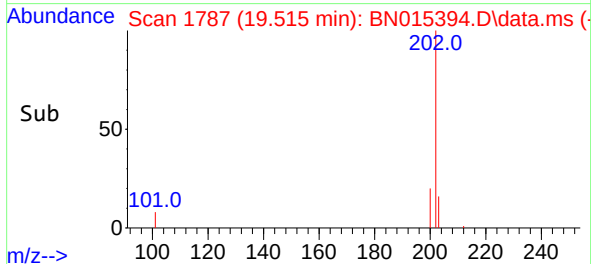
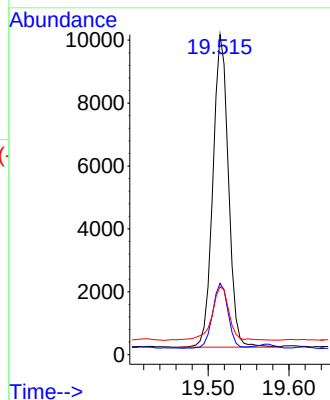
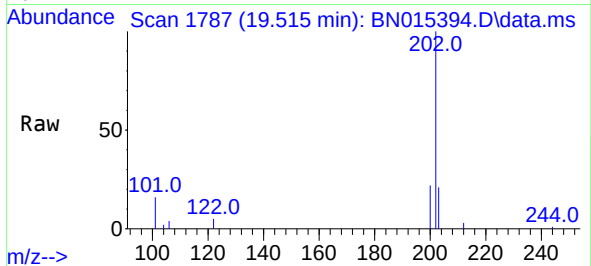
#30
Pyrene
Concen: 0.037 ng
RT: 19.515 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

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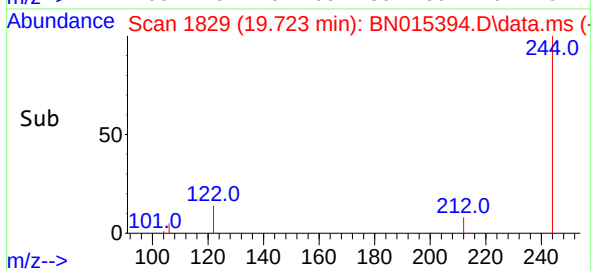
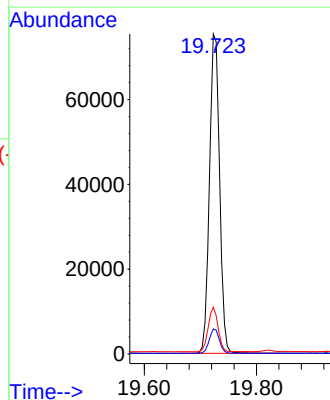
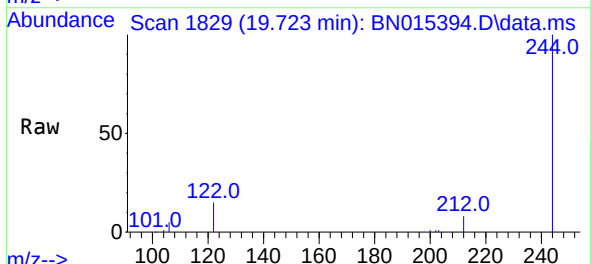
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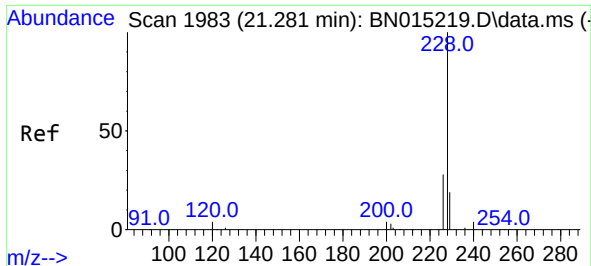
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#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

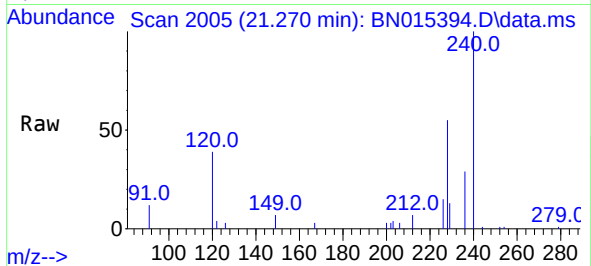
Tgt Ion:	244	Resp:	94301
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.3	9.5
122	14.6	6.2	9.2#





#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

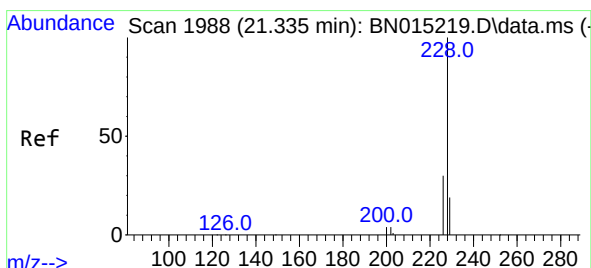
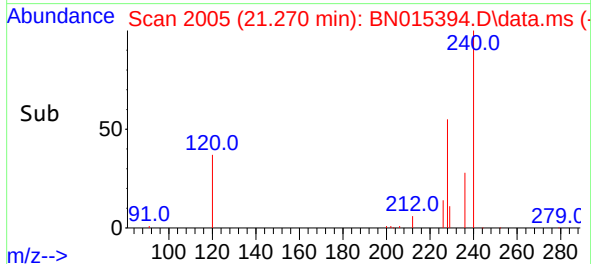
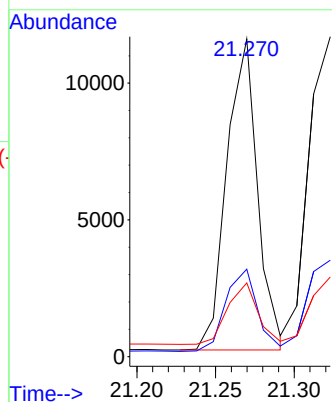
Instrument :
BNA_N
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Tgt Ion:228 Resp: 15481
Ion Ratio Lower Upper
228 100
226 27.5 23.0 34.6
229 23.2 15.7 23.5

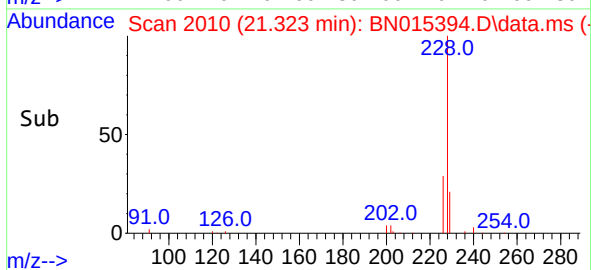
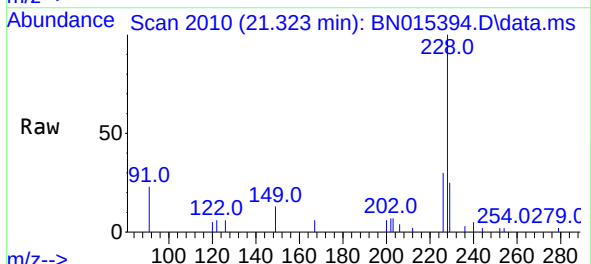
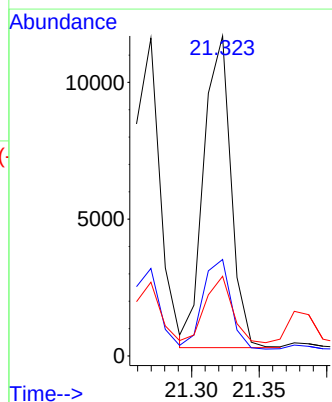
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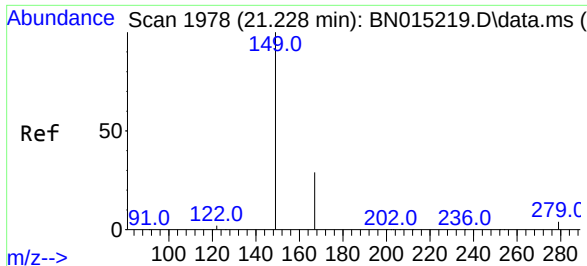
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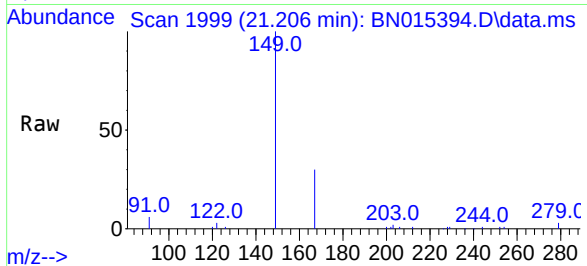
#33
Chrysene
Concen: 0.045 ng m
RT: 21.323 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

Tgt Ion:228 Resp: 15993
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 24.9 15.9 23.9#

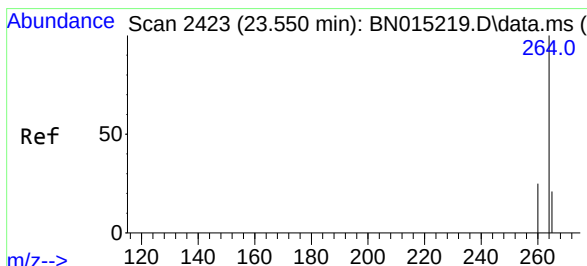
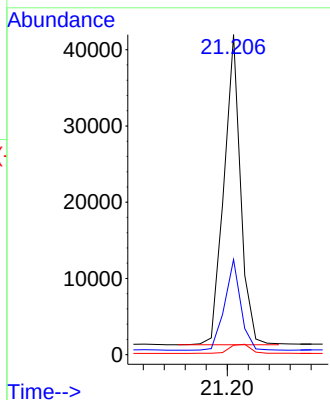
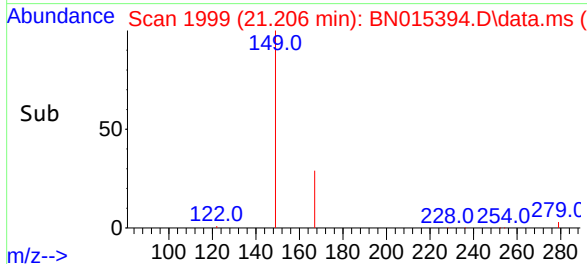




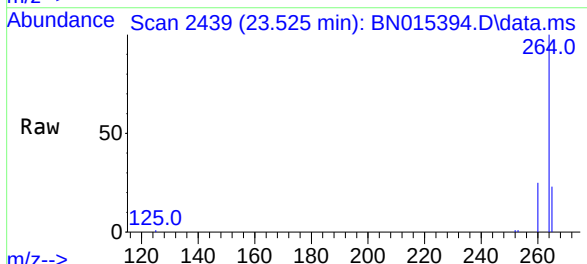
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.528 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



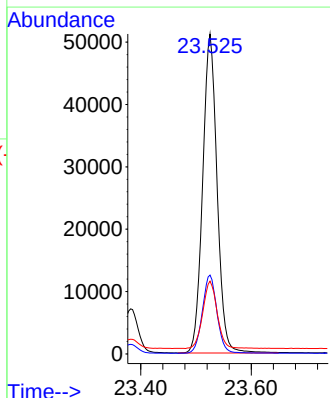
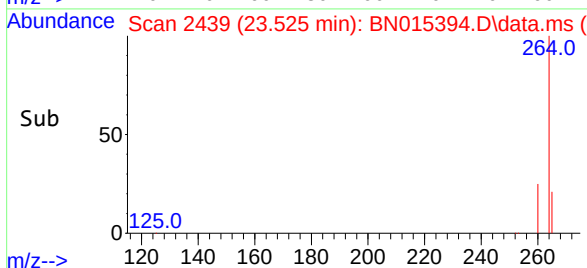
Tgt Ion:149 Resp: 44802
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



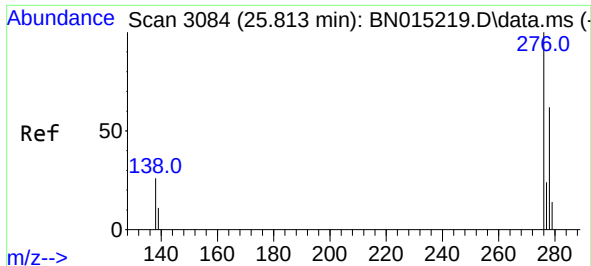
Tgt Ion:264 Resp: 92675
Ion Ratio Lower Upper
264 100
260 24.6 20.6 31.0
265 22.7 21.4 32.2



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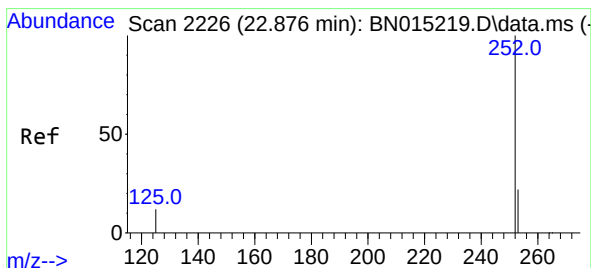
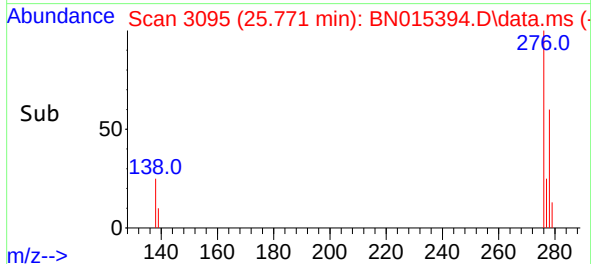
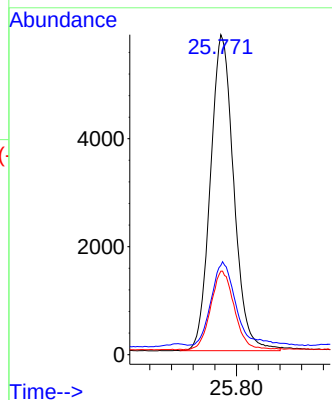
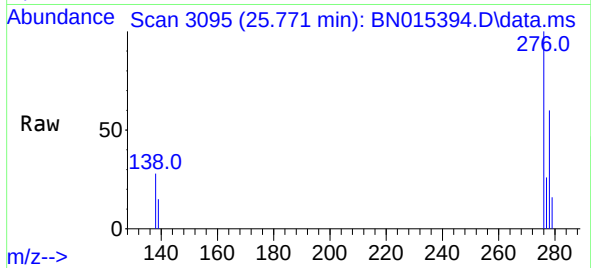
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.007 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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

Instrument :
BNA_N
ClientSampleId :
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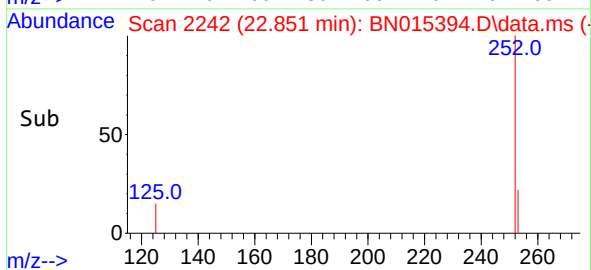
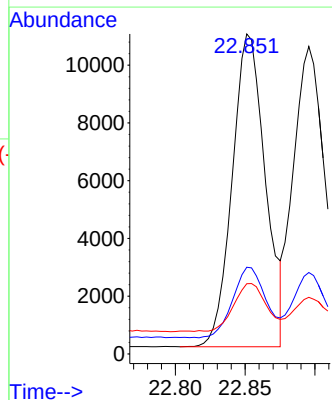
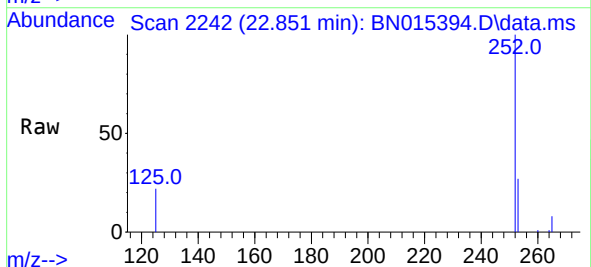
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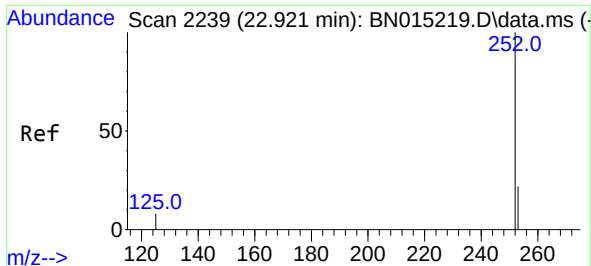
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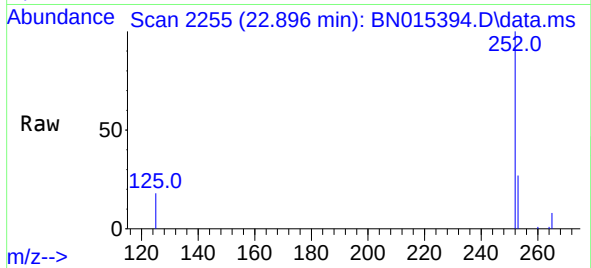
#37
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21

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#

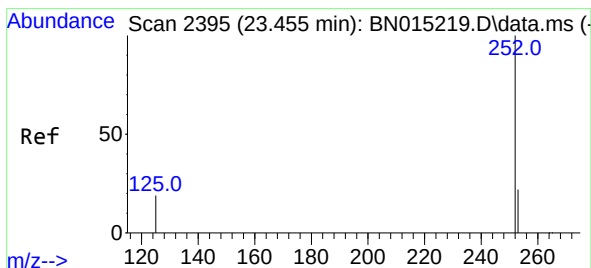
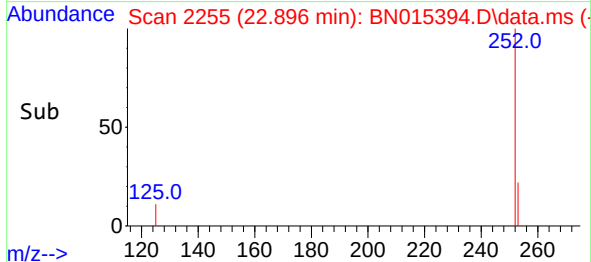
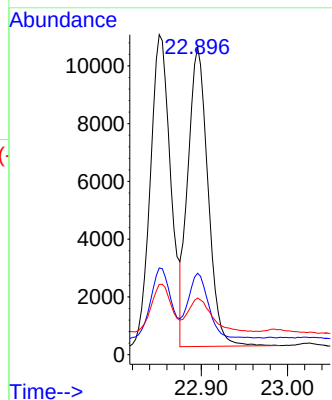




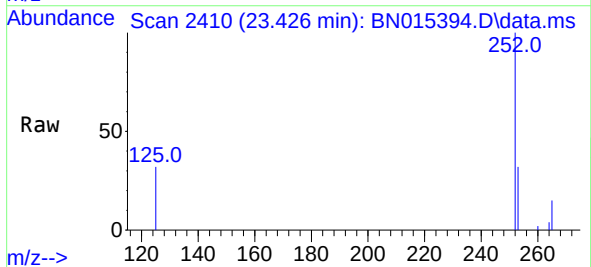
#38
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 22.896 min Scan# 2255
Delta R.T. -0.007 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



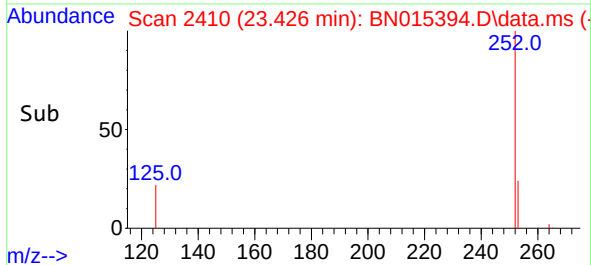
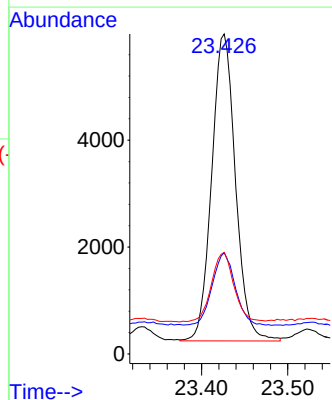
Tgt Ion:252 Resp: 16713
Ion Ratio Lower Upper
252 100
253 26.5 19.1 28.7
125 18.4 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.426 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



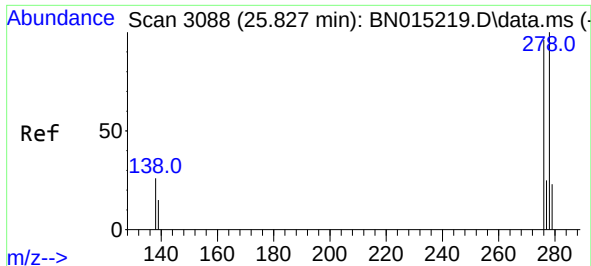
Tgt Ion:252 Resp: 11001
Ion Ratio Lower Upper
252 100
253 31.7 19.4 29.2#
125 31.8 7.4 11.2#



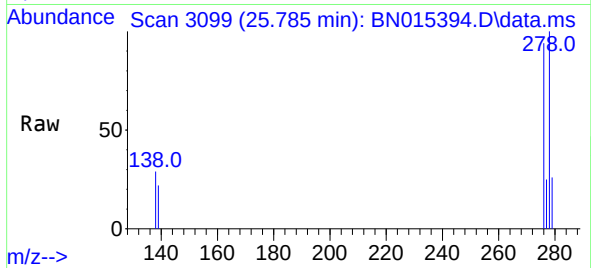
Instrument :
BNA_N
ClientSampleId :
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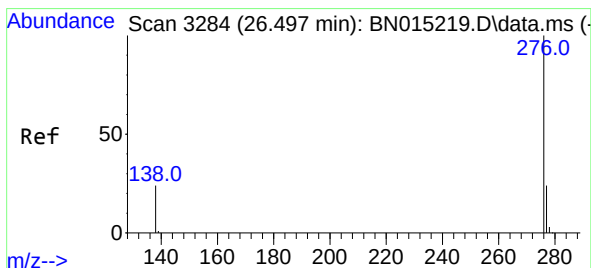
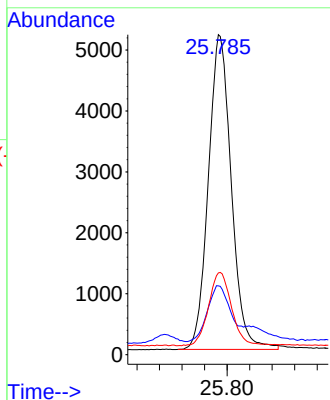
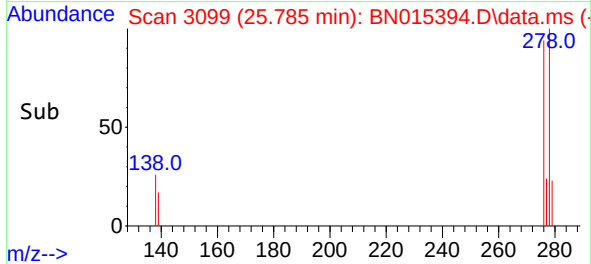
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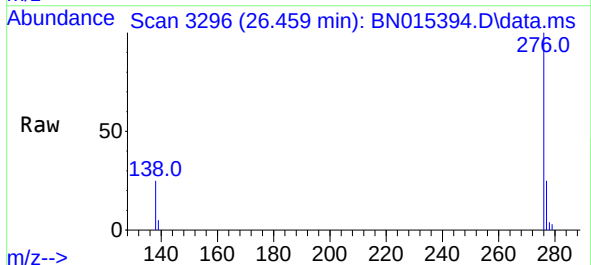
#40
Dibenzo(a,h)anthracene
Concen: 0.056 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



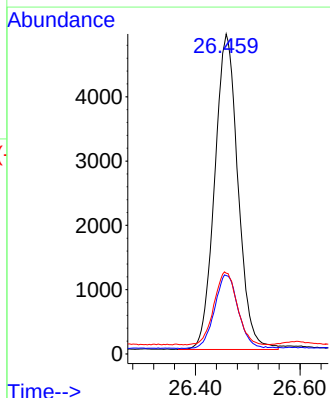
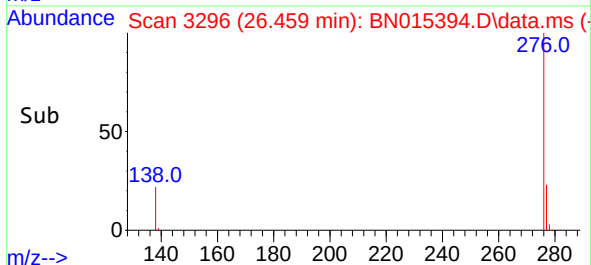
Tgt Ion: 278 Resp: 14601
Ion Ratio Lower Upper
278 100
139 21.5 9.0 13.4#
279 25.6 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.053 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.003 min
Lab File: BN015394.D
Acq: 08 Jul 2021 05:21



Tgt Ion: 276 Resp: 15164
Ion Ratio Lower Upper
276 100
277 24.5 19.7 29.5
138 25.2 9.8 14.6#



Instrument :
BNA_N
ClientSampleId :
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