

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032921\
 Data File : BN014132.D
 Acq On : 29 Mar 2021 18:20
 Operator : CG/JU
 Sample : M1860-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-115-137-032621

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Quant Time: Mar 29 18:49:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 12:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	5512	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	20699	0.40	ng	# 0.00
13) Acenaphthene-d10	14.308	164	11342	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	22851	0.40	ng	0.01
29) Chrysene-d12	21.226	240	23108	0.40	ng	0.00
36) Perylene-d12	23.428	264	21932	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1669	0.12	ng	0.00
5) Phenol-d6	6.855	99	1256	0.07	ng	0.00
8) Nitrobenzene-d5	8.819	82	4230	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.049	152	9619	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1556	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.925	172	13237	0.31	ng	-0.01
27) Fluoranthene-d10	19.081	212	26751	0.45	ng	0.00
31) Terphenyl-d14	19.677	244	23074	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	12792	1.80	ng	# 92
9) Naphthalene	10.505	128	16807	0.33	ng	99
12) 2-Methylnaphthalene	12.124	142	6209	0.19	ng	99
18) Fluorene	15.361	166	1086	0.03	ng	# 90
25) Phenanthrene	17.092	178	13340	0.22	ng	99
28) Fluoranthene	19.111	202	10801	0.17	ng	# 92
30) Pyrene	19.469	202	8196	0.11	ng	# 95
32) Benzo(a)anthracene	21.205	228	2417	0.04	ng	# 88
33) Chrysene	21.258	228	4471	0.06	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.141	149	19238	0.98	ng	99
35) Indeno(1,2,3-cd)pyrene	25.626	276	3405	0.05	ng	97
37) Benzo(b)fluoranthene	22.771	252	6175	0.08	ng	# 62
38) Benzo(k)fluoranthene	22.809	252	2693m	0.04	ng	
39) Benzo(a)pyrene	23.333	252	3175	0.05	ng	# 37
41) Benzo(g,h,i)perylene	26.300	276	3753	0.05	ng	# 90

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

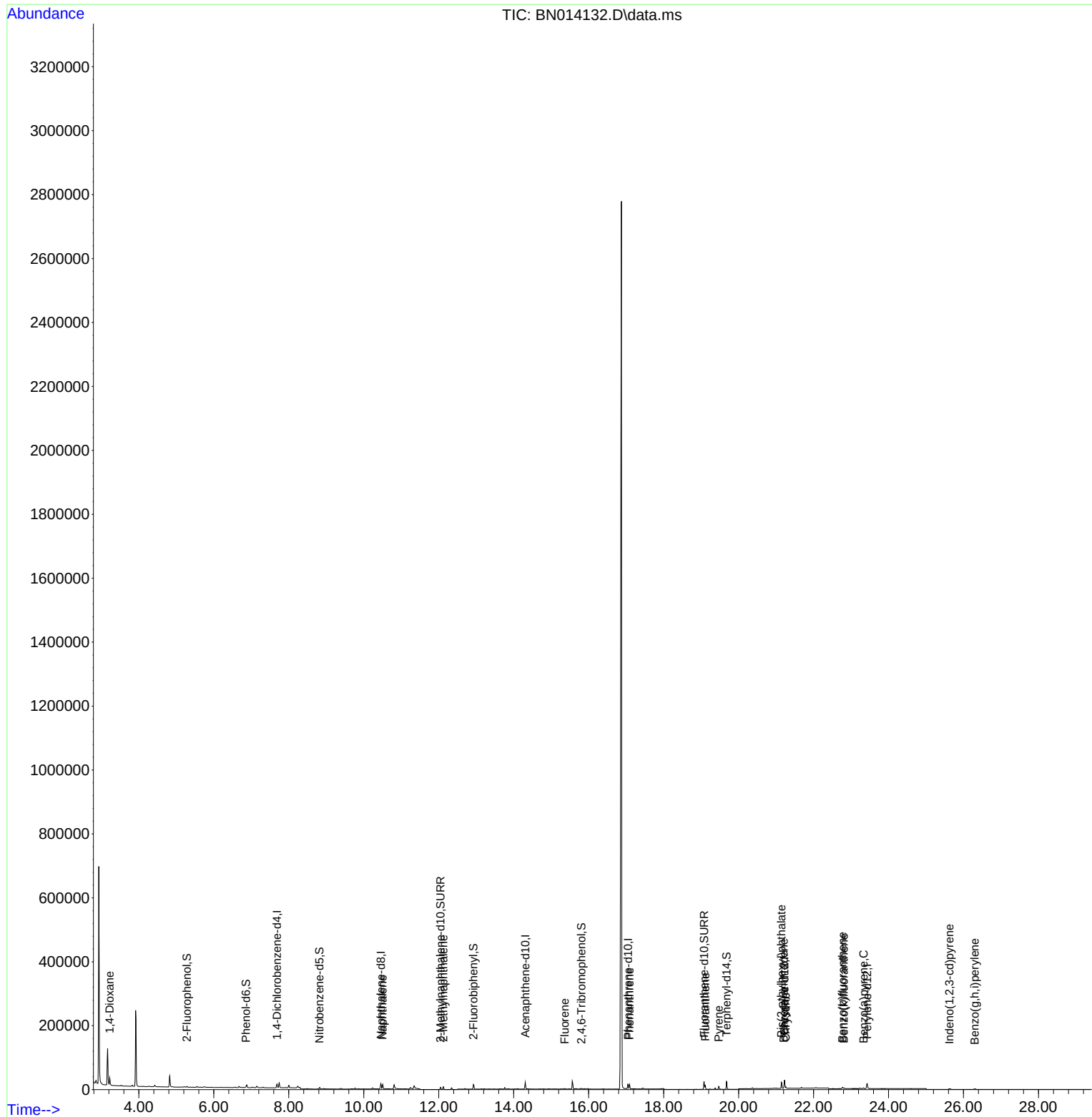
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Data File : BN014132.D
Acq On : 29 Mar 2021 18:20
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

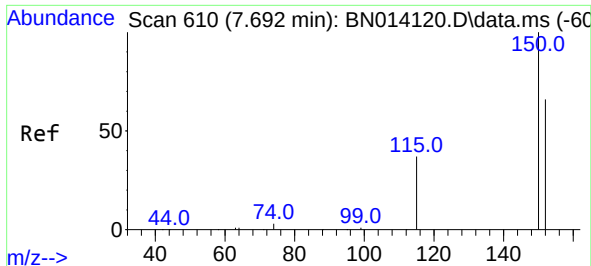
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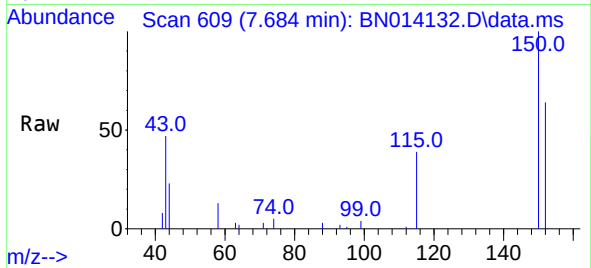
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Quant Time: Mar 29 18:49:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 12:24:58 2021
Response via : Initial Calibration

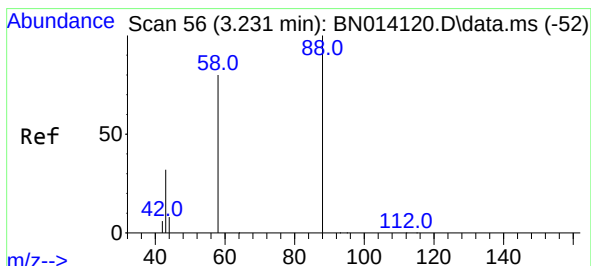
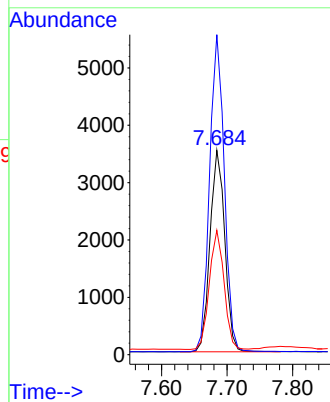
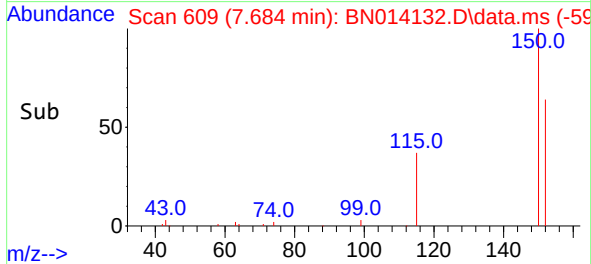




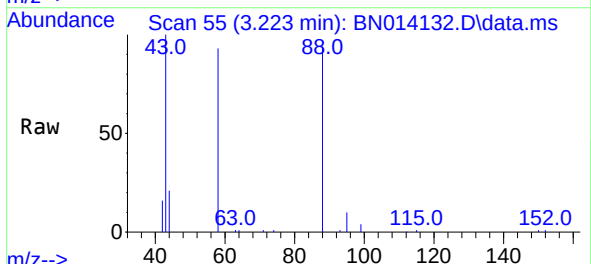
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.684 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



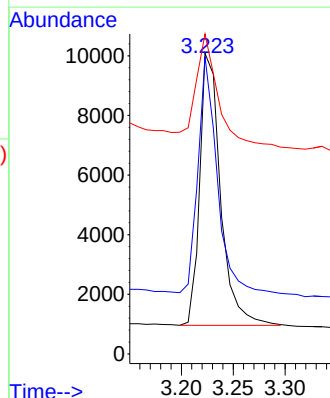
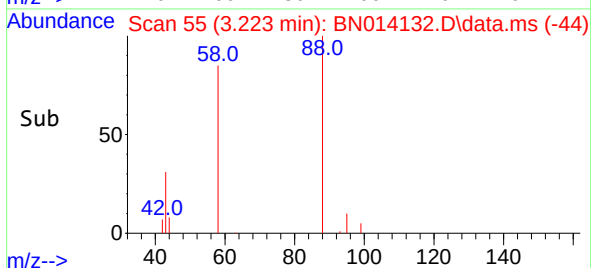
Tgt Ion: 152 Resp: 5512
Ion Ratio Lower Upper
152 100
150 156.6 121.2 181.8
115 60.9 46.2 69.2



#2
1,4-Dioxane
Concen: 1.80 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.008 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



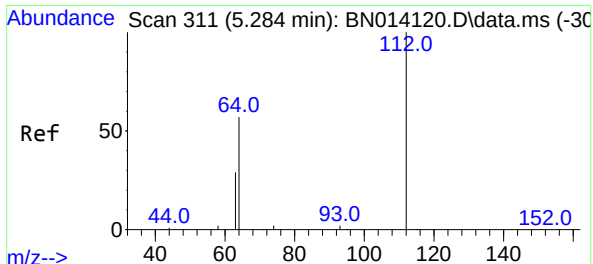
Tgt Ion: 88 Resp: 12792
Ion Ratio Lower Upper
88 100
58 79.9 63.1 94.7
43 46.2 26.2 39.2



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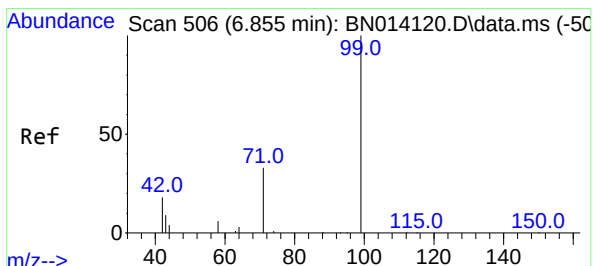
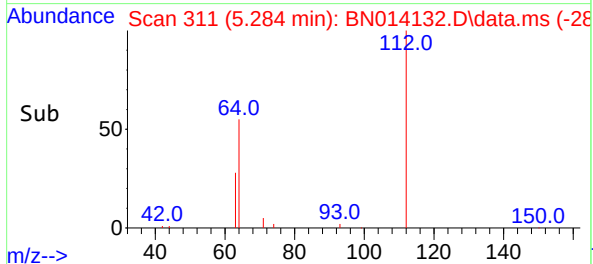
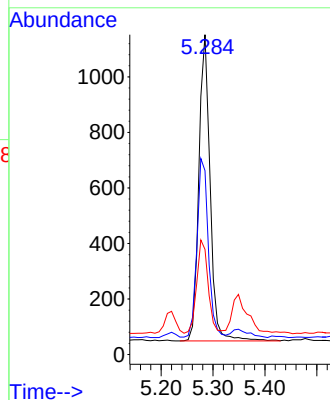
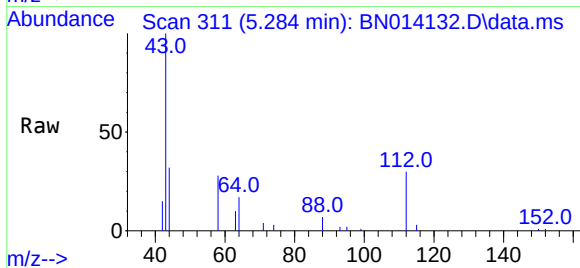
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.284 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion: 112 Resp: 1669
Ion Ratio Lower Upper
112 100
64 58.9 48.3 72.5
63 30.9 25.4 38.0

Instrument :
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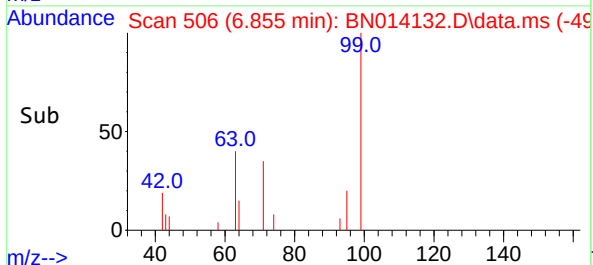
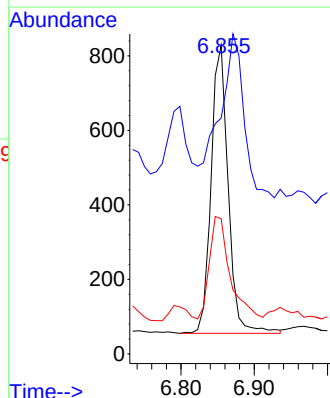
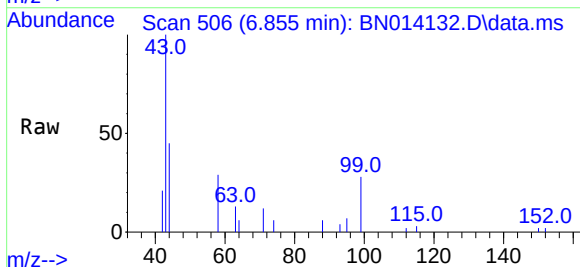
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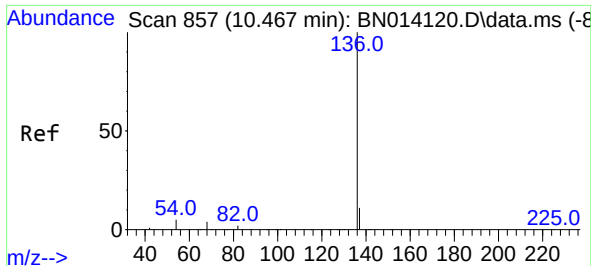
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#5
Phenol-d6
Concen: 0.07 ng
RT: 6.855 min Scan# 506
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

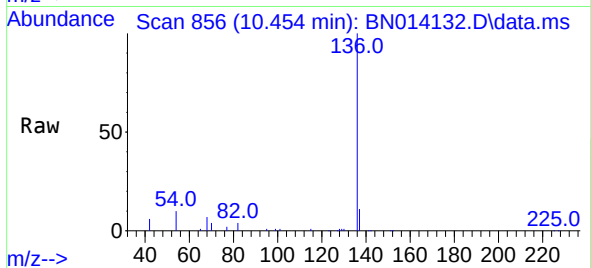
Tgt Ion: 99 Resp: 1256
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 43.7 26.7 40.1#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.454 min Scan# 856
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

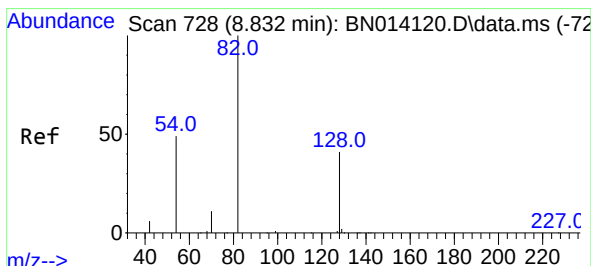
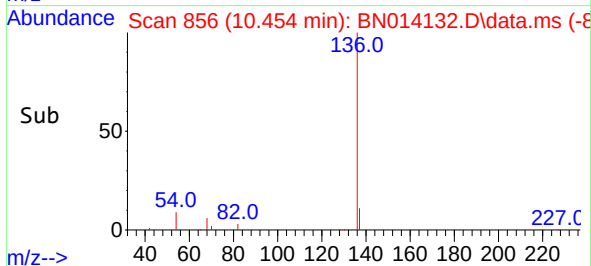
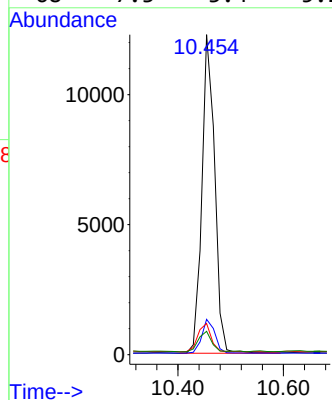
Instrument :
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Tgt Ion:	136	Resp:	20699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.8	4.3	6.5#
68	7.3	3.4	5.2#

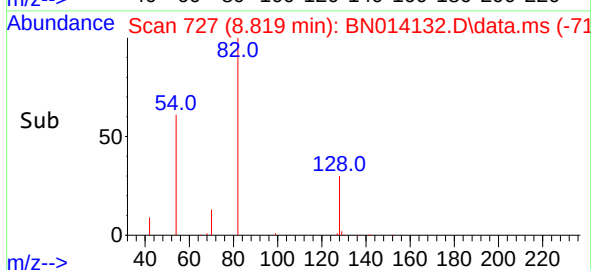
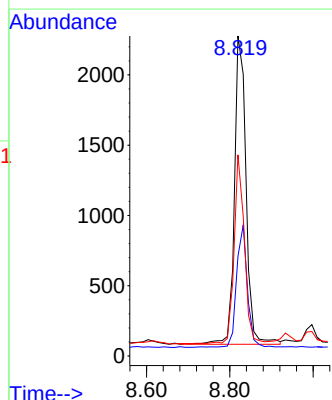
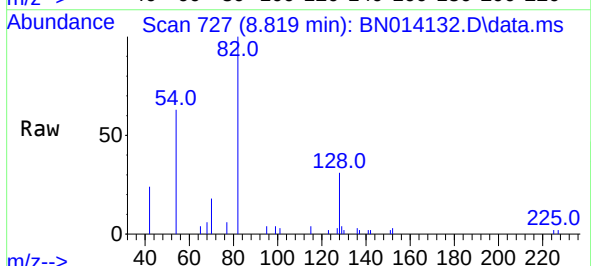
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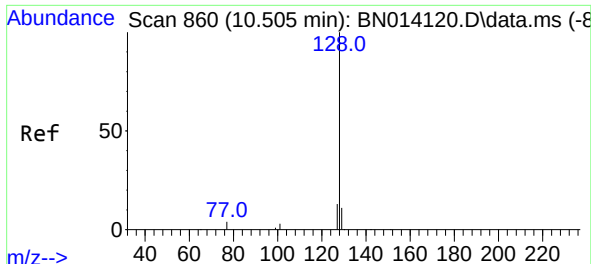
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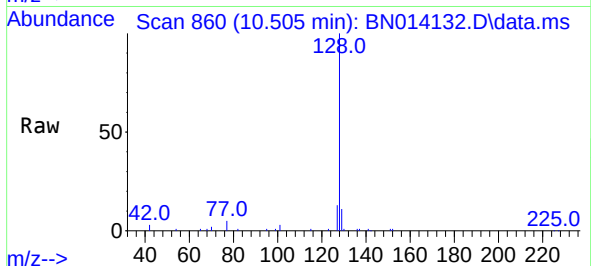
#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.012 min
Lab File: BN014132.D
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Tgt Ion:	82	Resp:	4230
Ion	Ratio	Lower	Upper
82	100		
128	31.2	33.5	50.3#
54	62.8	40.3	60.5#

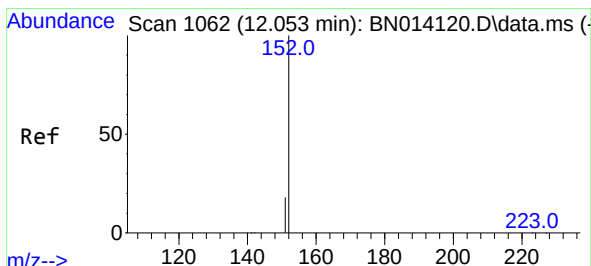
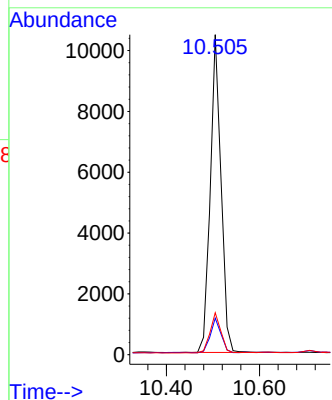
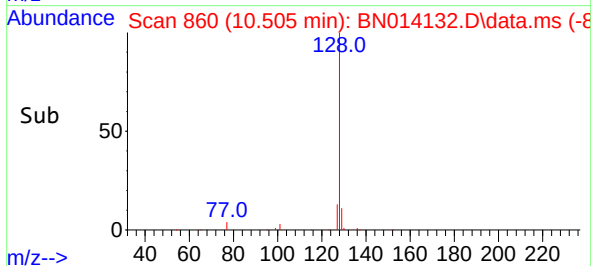




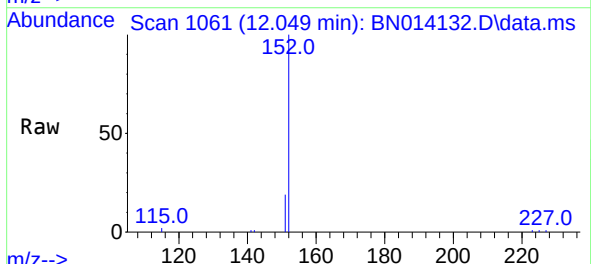
#9
Naphthalene
Concen: 0.33 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



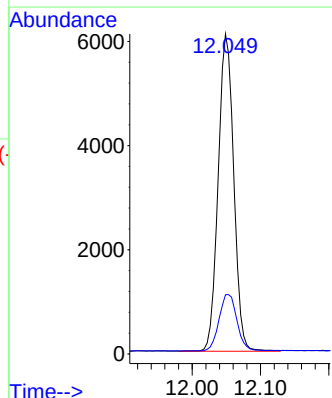
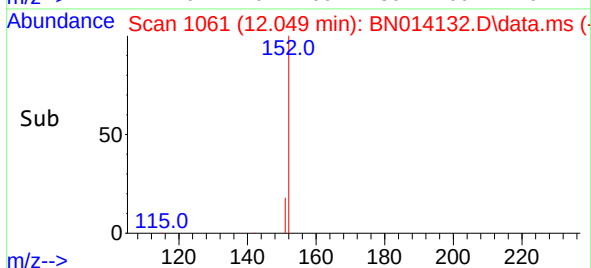
Tgt Ion:	128	Resp:	16807
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.2	13.8
127	13.1	10.8	16.2



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.049 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



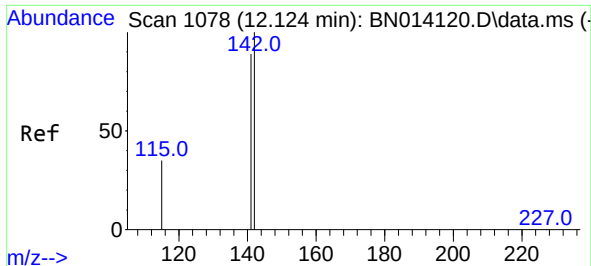
Tgt Ion:	152	Resp:	9619
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1



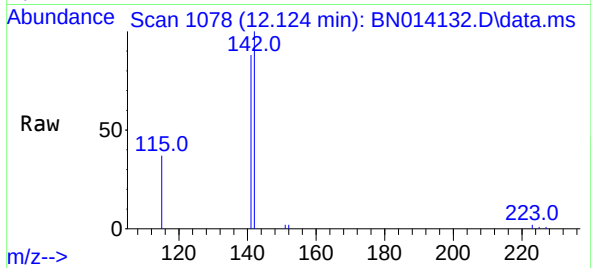
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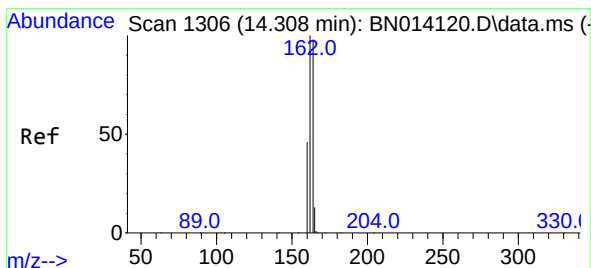
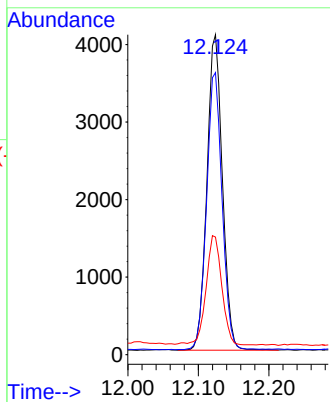
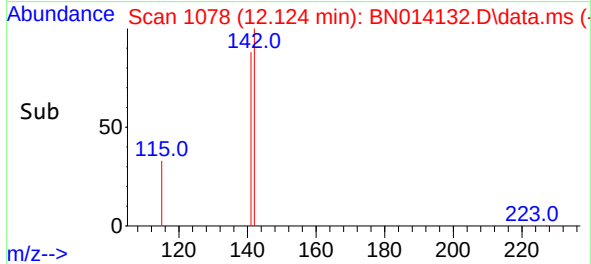
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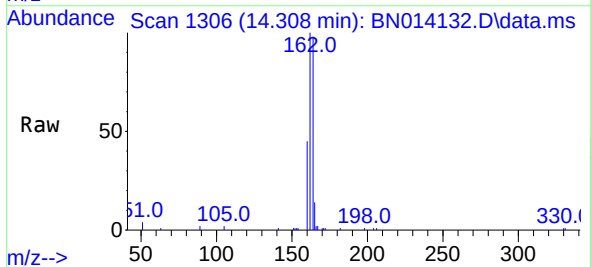
#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.124 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



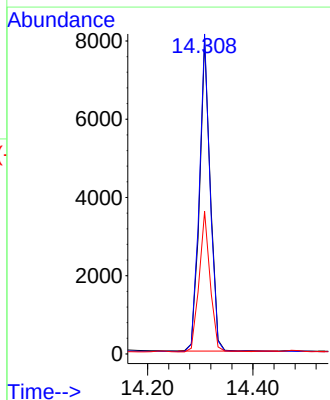
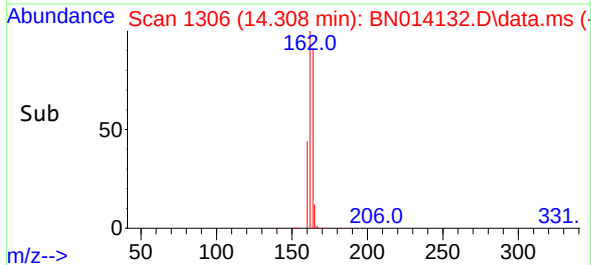
Tgt Ion:	142	Resp:	6209
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.1	106.7
115	36.8	29.0	43.6



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



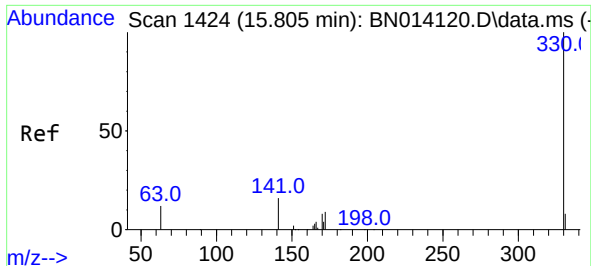
Tgt Ion:	164	Resp:	11342
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.4	122.2
160	45.4	37.5	56.3



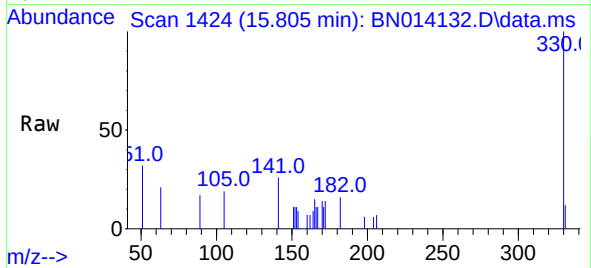
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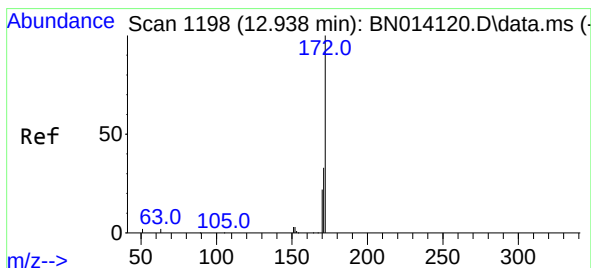
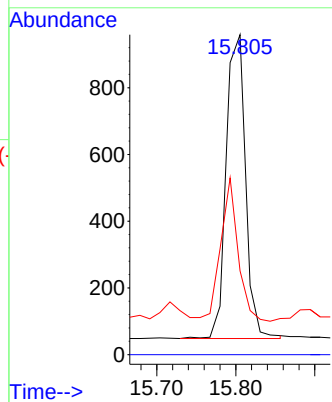
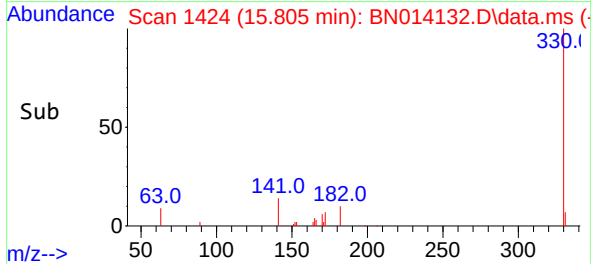
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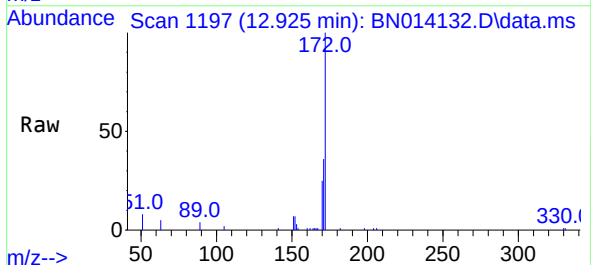
#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.805 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



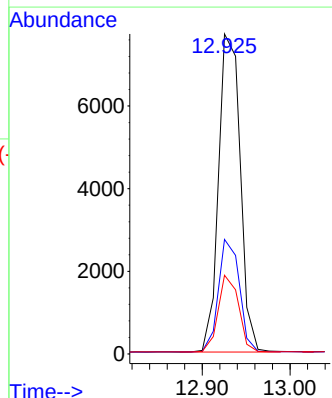
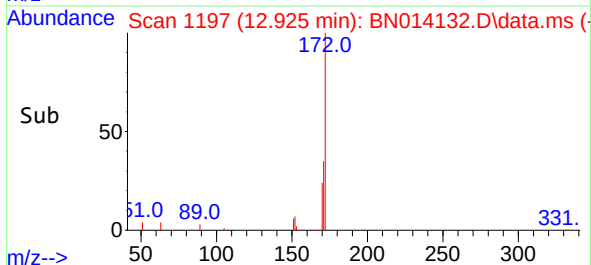
Tgt Ion: 330 Resp: 1556
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.0 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.925 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



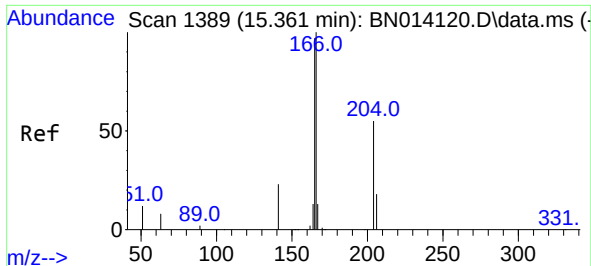
Tgt Ion: 172 Resp: 13237
Ion Ratio Lower Upper
172 100
171 35.8 26.9 40.3
170 24.6 17.8 26.8



Instrument :
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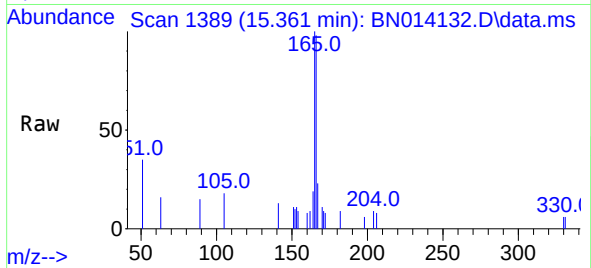
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#18
Fluorene
Concen: 0.03 ng
RT: 15.361 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

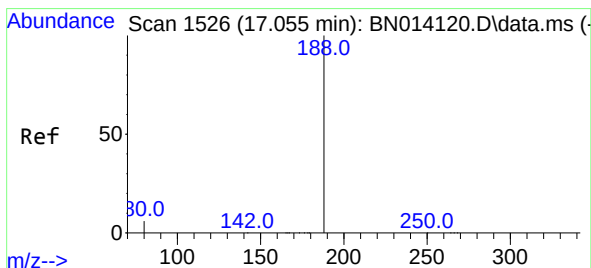
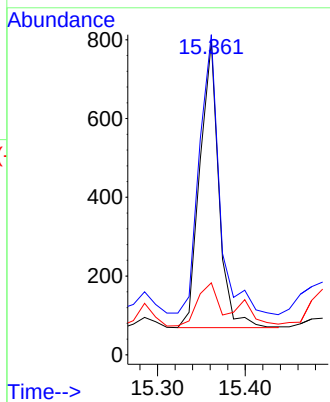
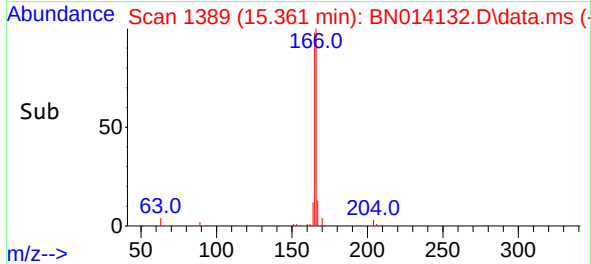
Instrument :
BNA_N
ClientSampleId :
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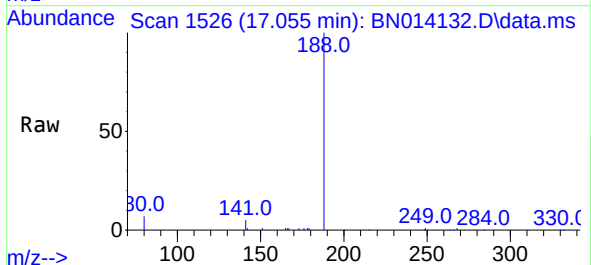
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Ion Ratio Lower Upper
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167 0.0 10.6 16.0#

Manual Integrations
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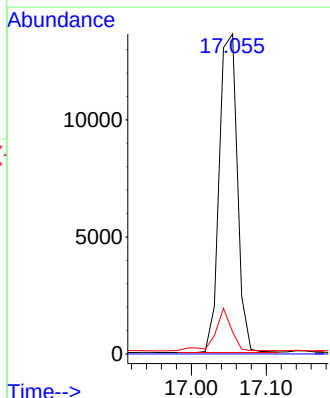
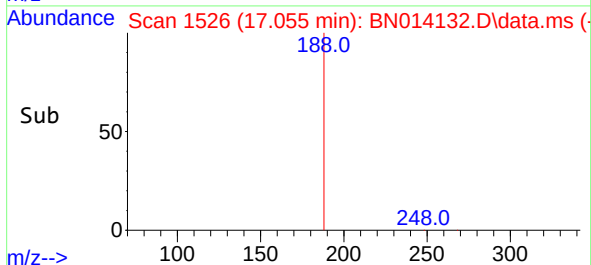
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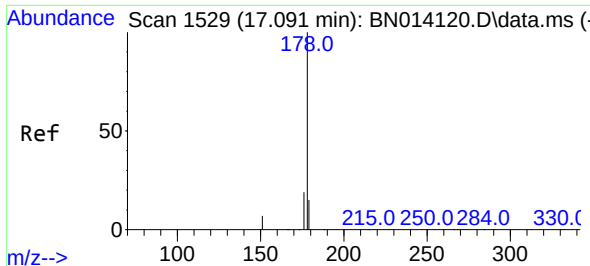


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BN014132.D
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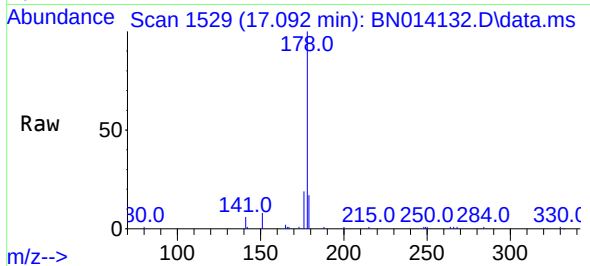


Tgt Ion:188 Resp: 22851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 5.2 7.8

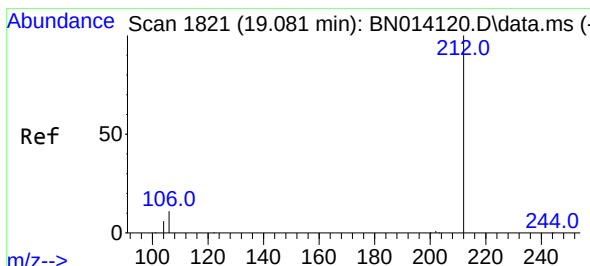
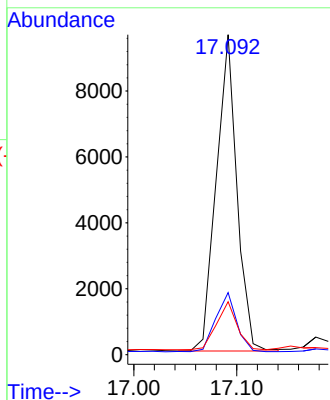
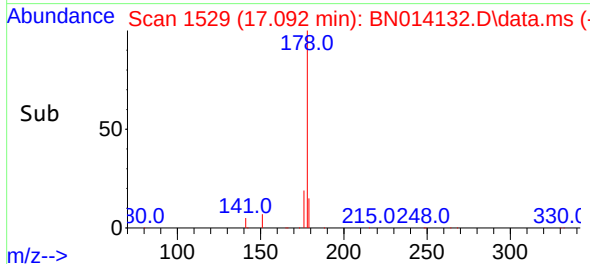




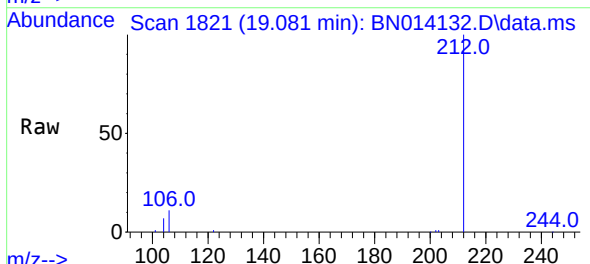
#25
Phenanthrene
Concen: 0.22 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



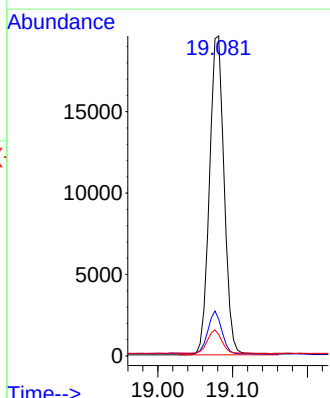
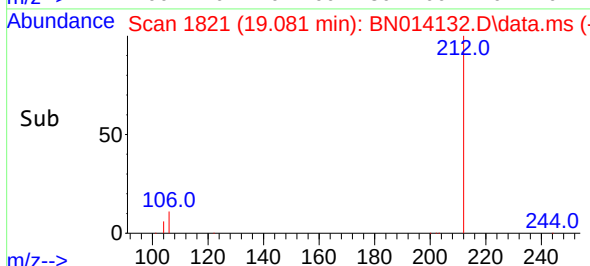
Tgt Ion:178 Resp: 13340
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.1 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.081 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



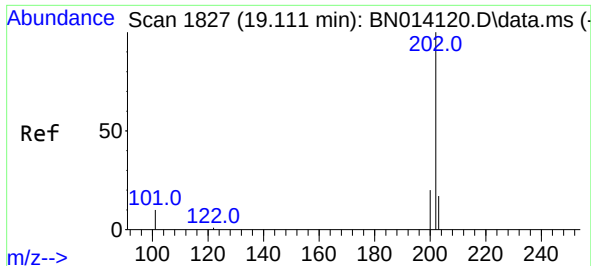
Tgt Ion:212 Resp: 26751
Ion Ratio Lower Upper
212 100
106 12.8 10.1 15.1
104 7.4 5.5 8.3



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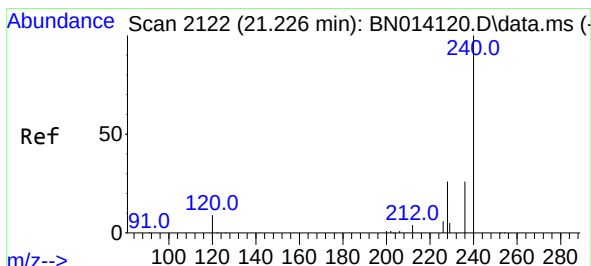
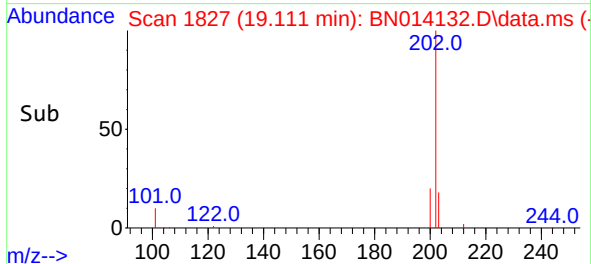
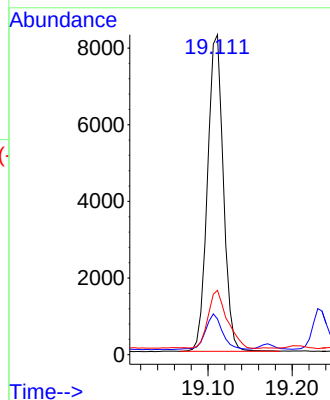
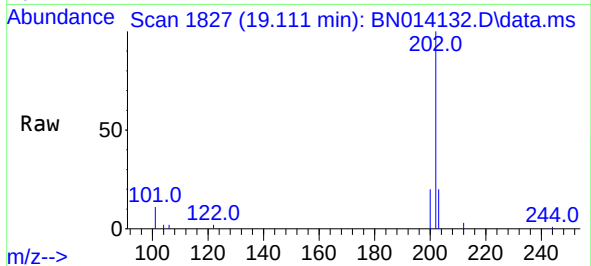
#28
Fluoranthene
Concen: 0.17 ng
RT: 19.111 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:202 Resp: 10801
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
203 21.9 13.8 20.6#

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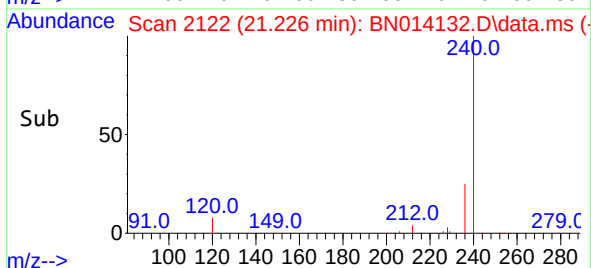
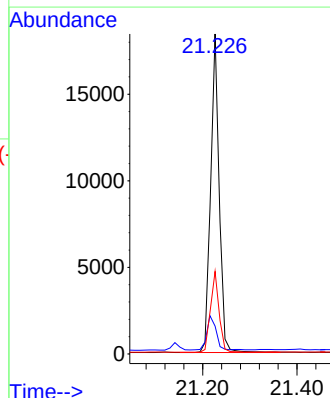
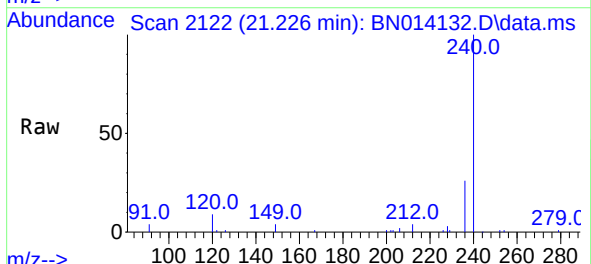
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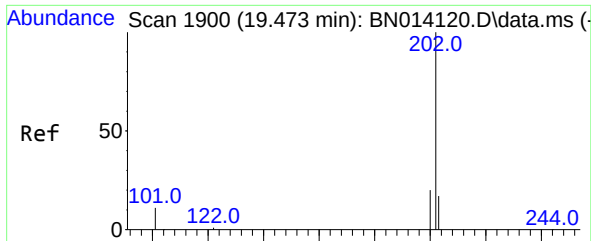
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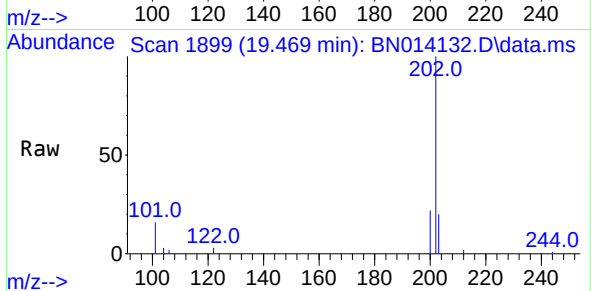
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.226 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:240 Resp: 23108
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.8 21.0 31.6

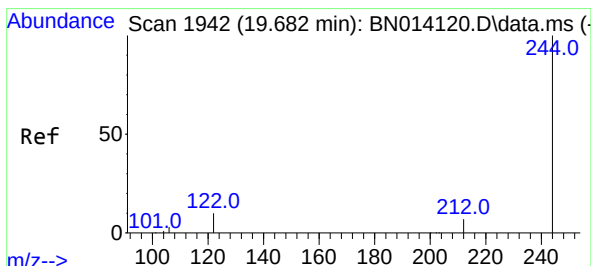
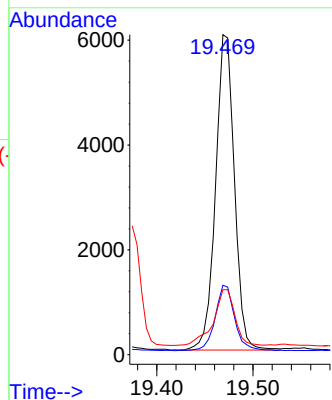
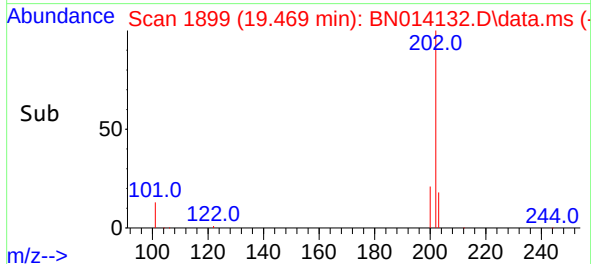




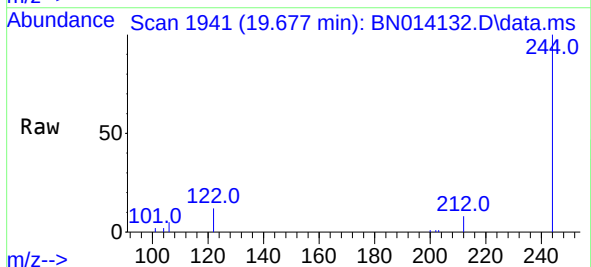
#30
Pyrene
Concen: 0.11 ng
RT: 19.469 min Scan# 1899
Delta R.T. -0.005 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



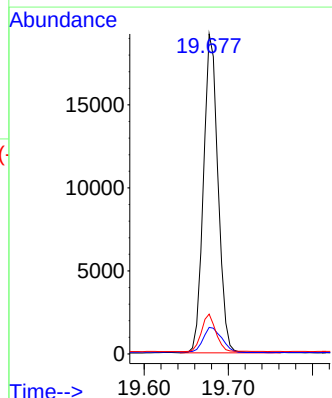
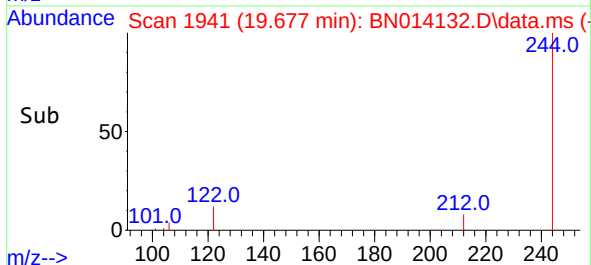
Tgt Ion:202 Resp: 8196
Ion Ratio Lower Upper
202 100
200 21.6 16.2 24.4
203 21.1 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.677 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



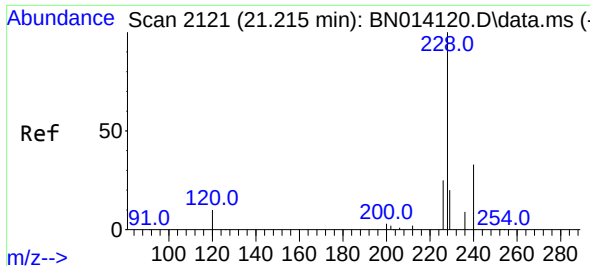
Tgt Ion:244 Resp: 23074
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 12.5 8.6 13.0



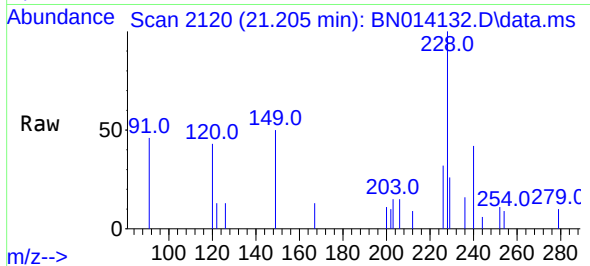
Instrument :
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#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.205 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

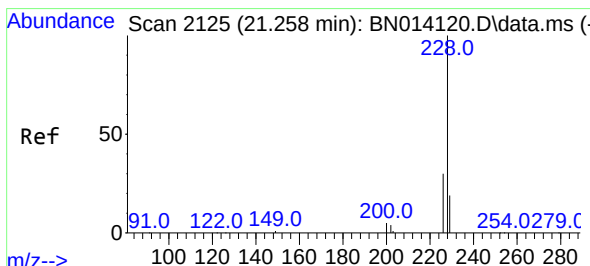
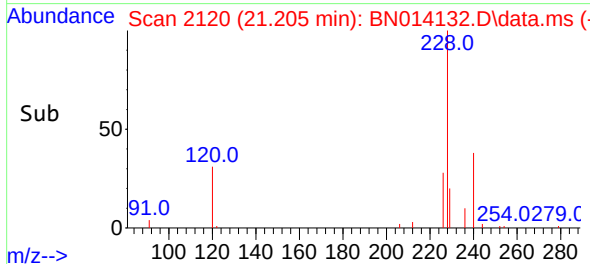
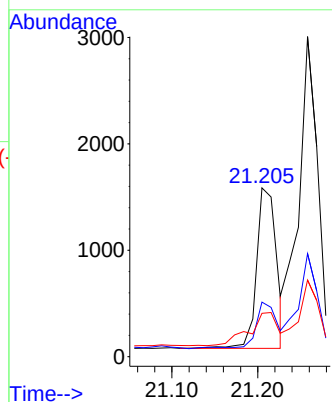


Tgt Ion:228 Resp: 2417
Ion Ratio Lower Upper
228 100
226 32.3 20.6 31.0#
229 25.7 16.2 24.2#

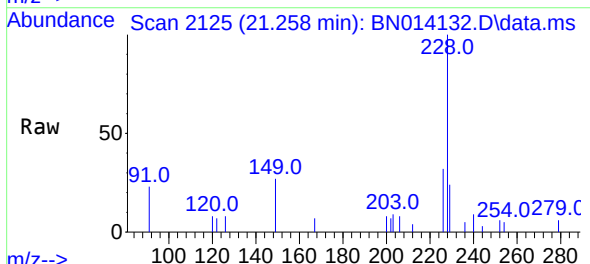
Instrument :
BNA_N
ClientSampleId :
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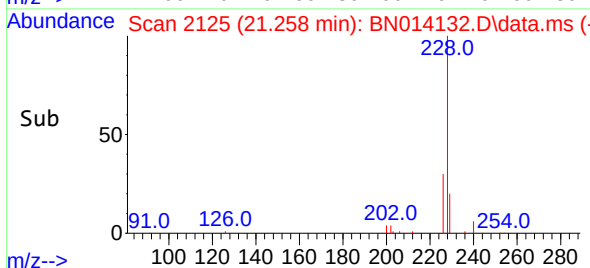
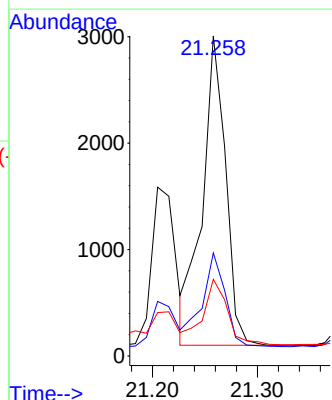
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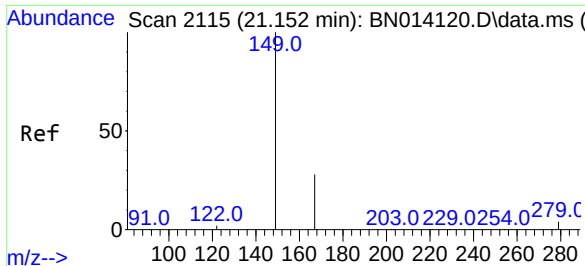


#33
Chrysene
Concen: 0.06 ng
RT: 21.258 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN014132.D
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Tgt Ion:228 Resp: 4471
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 24.0 15.5 23.3#





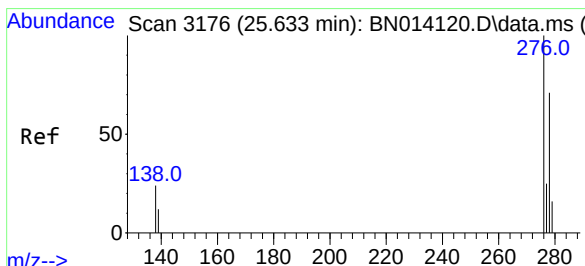
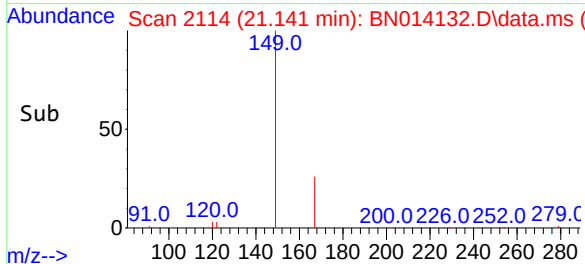
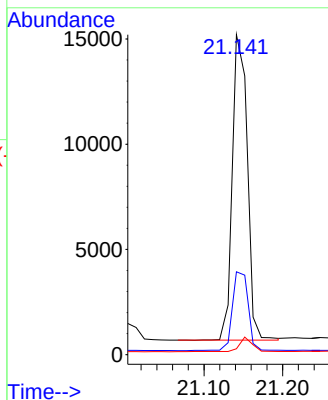
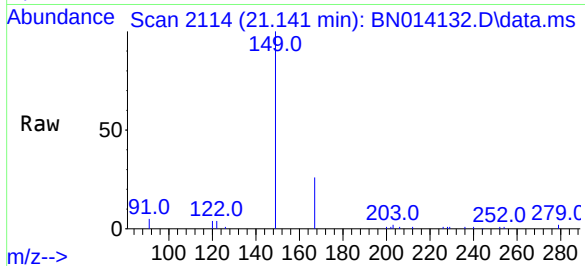
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.98 ng
RT: 21.141 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:149 Resp: 19238
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 4.1 3.5 5.3

Instrument :
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ClientSampleId :
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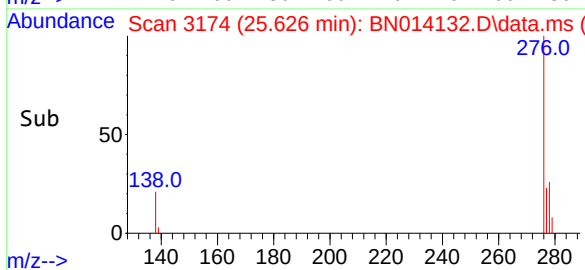
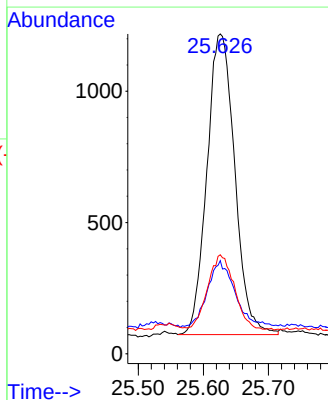
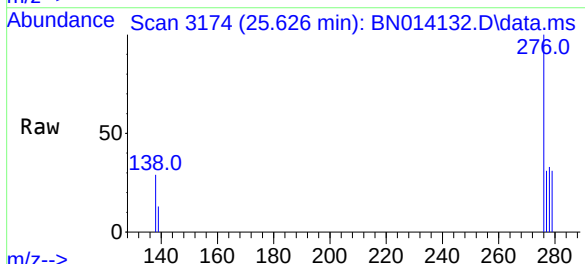
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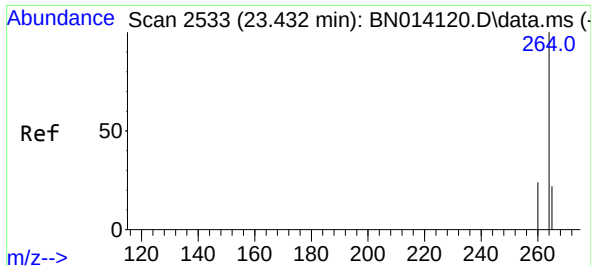
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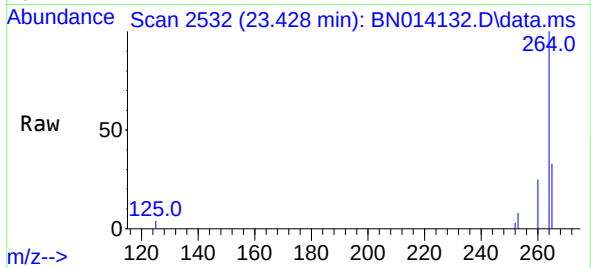
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.626 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:276 Resp: 3405
Ion Ratio Lower Upper
276 100
138 22.1 19.4 29.2
277 23.4 19.8 29.6

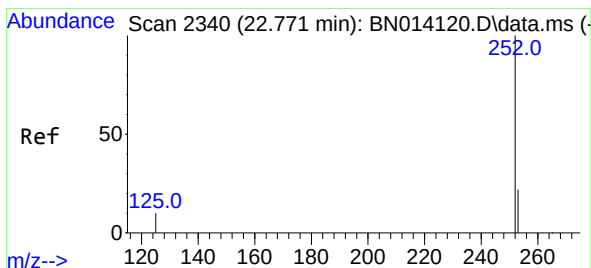
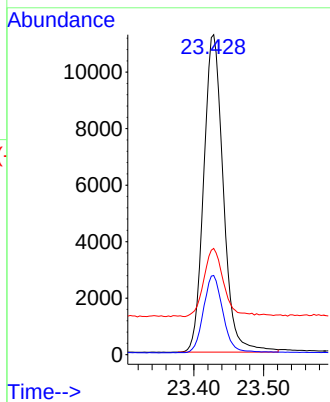
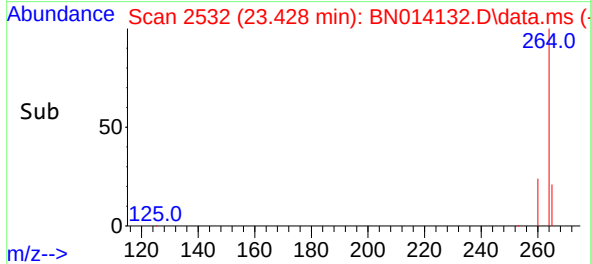




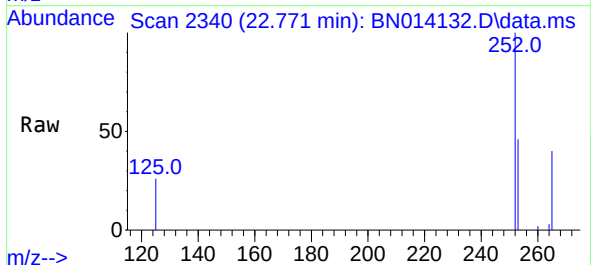
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.428 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20



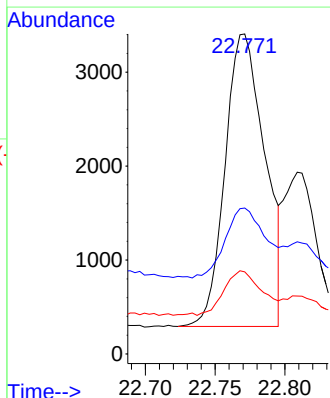
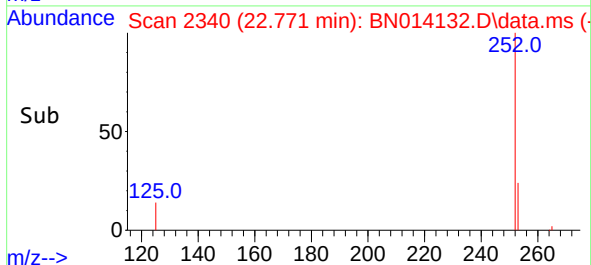
Tgt Ion:264 Resp: 21932
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 33.2 30.7 46.1



#37
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.771 min Scan# 2340
Delta R.T. 0.004 min
Lab File: BN014132.D
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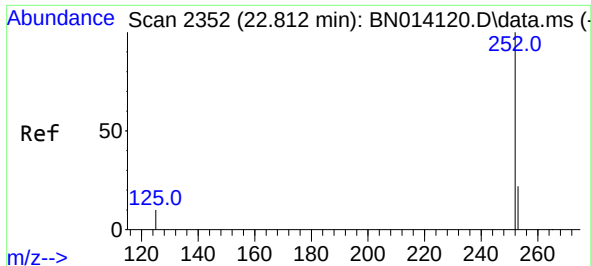
Tgt Ion:252 Resp: 6175
Ion Ratio Lower Upper
252 100
253 45.6 20.6 30.8#
125 25.7 9.4 14.2#



Instrument :
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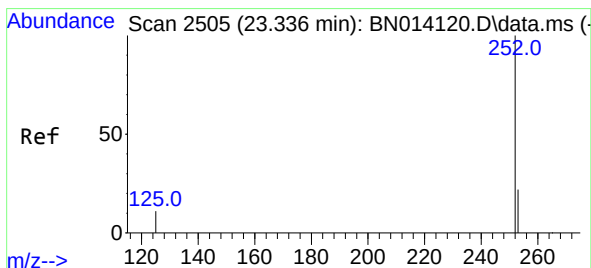
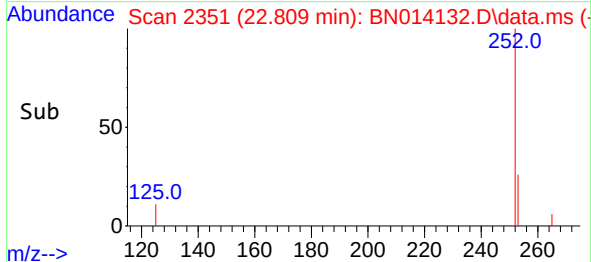
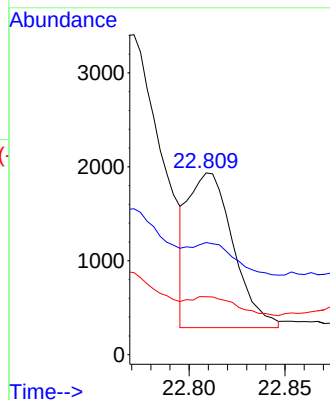
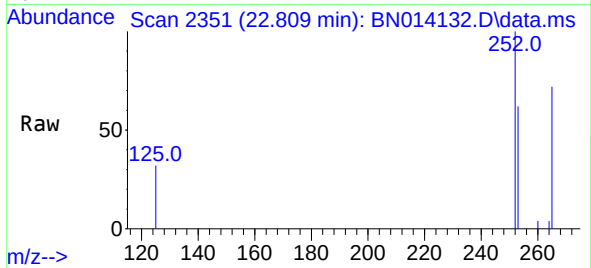
#38
Benzo(k)fluoranthene
Concen: 0.04 ng m
RT: 22.809 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:252 Resp: 2693
Ion Ratio Lower Upper
252 100
253 61.7 20.6 30.8#
125 31.9 9.5 14.3#

Instrument :
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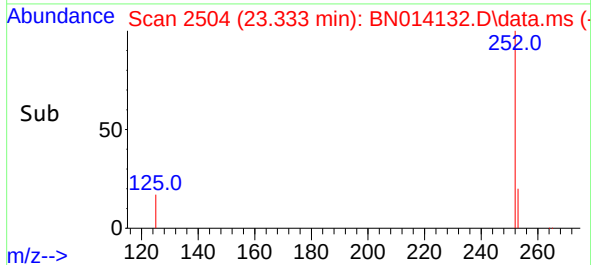
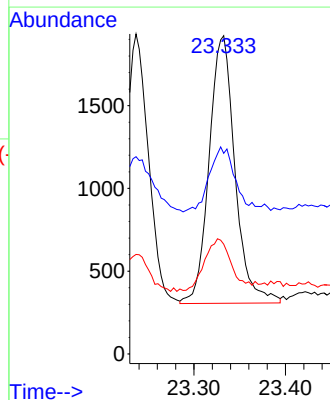
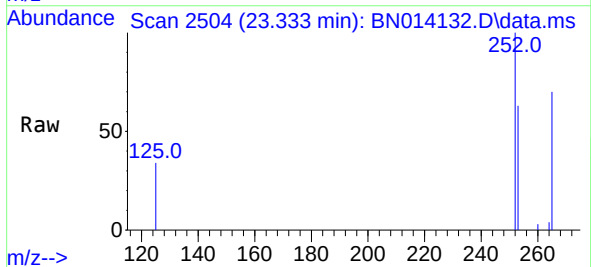
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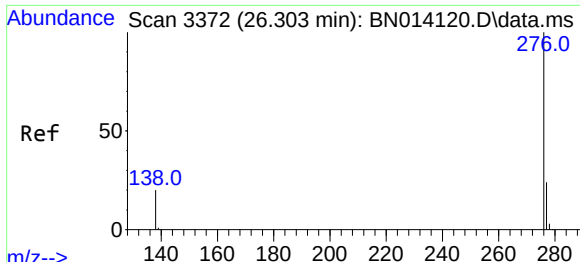
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#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.333 min Scan# 2504
Delta R.T. 0.004 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion:252 Resp: 3175
Ion Ratio Lower Upper
252 100
253 63.1 21.9 32.9#
125 34.5 10.8 16.2#





#41
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.300 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BN014132.D
Acq: 29 Mar 2021 18:20

Tgt Ion: 276 Resp: 3753
Ion Ratio Lower Upper
276 100
277 29.1 20.1 30.1
138 26.6 17.0 25.4#

Instrument :
BNA_N
ClientSampleId :
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