

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015474.D
 Acq On : 10 Jul 2021 08:38
 Operator : CG/JU
 Sample : M2808-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5

Manual Integrations
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mohammad
 7/12/2021 9:34:10 AM

Quant Time: Jul 11 06:14:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.720	152	3	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.479	136	50	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.339	164	219	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.081	188	213m	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	161	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	35	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6537	1933.199	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	3034	38.675	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	6756	12.769	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.529	128	7878	49.387	ng/ul	98
7) 2-Methylnaphthalene	12.146	142	1192	11.421	ng/ul	98
8) 1-Methylnaphthalene	12.366	142	590	5.844	ng/ul	98
10) Acenaphthylene	14.053	152	11993	10.592	ng/ul	99
11) Acenaphthene	14.400	153	5491	6.328	ng/ul	98
12) Fluorene	15.390	166	7974	8.317	ng/ul	99
14) Pentachlorophenol	16.740	266	45	0.955	ng/ul	96
15) Phenanthrene	17.124	178	122821	158.874	ng/ul	100
16) Anthracene	17.217	178	65253	95.737	ng/ul	99
19) Fluoranthene	19.150	202	386122	519.010	ng/ul	99
20) Pyrene	19.512	202	282310	378.359	ng/ul	100
21) Benzo(a)anthracene	21.266	228	200101	335.514	ng/ul	97
22) Chrysene	21.319	228	168225	235.617	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	194495m	1189.503	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	69050m	374.148	ng/ul	
26) Benzo(a)pyrene	23.423	252	128223	933.664	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.766	276	70730	426.423	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.773	278	19368	148.926	ng/ul	97
29) Benzo(g,h,i)perylene	26.450	276	10138	65.964	ng/ul	95

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

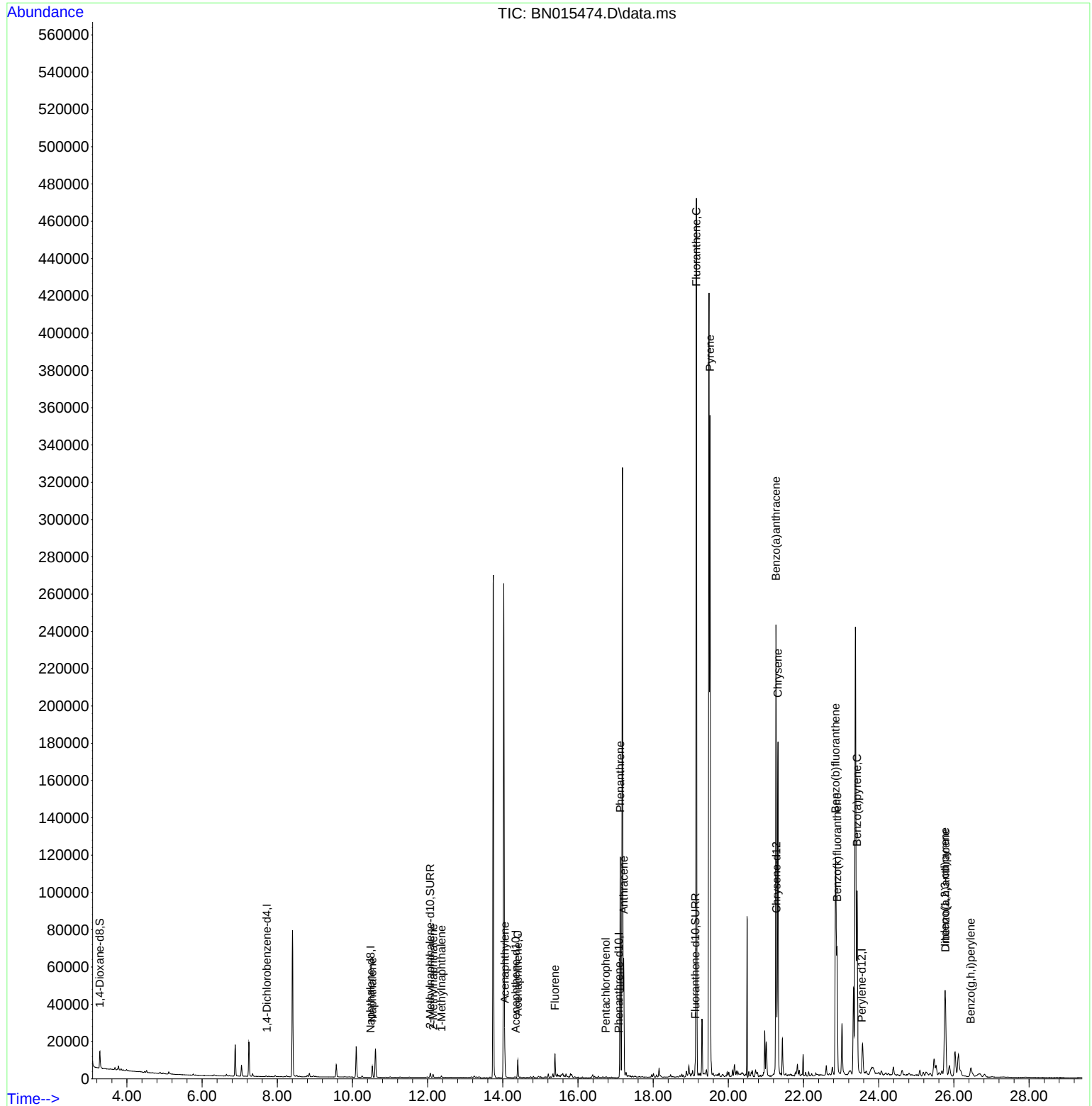
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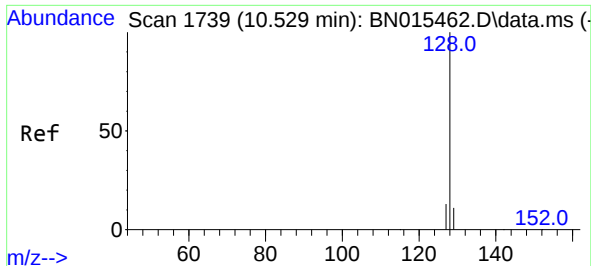
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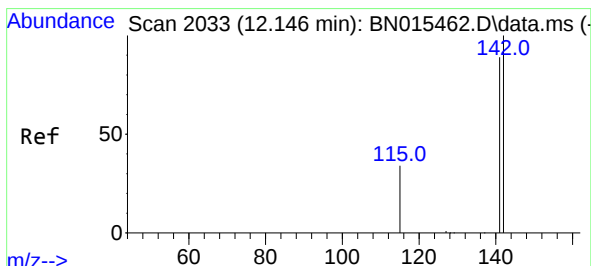
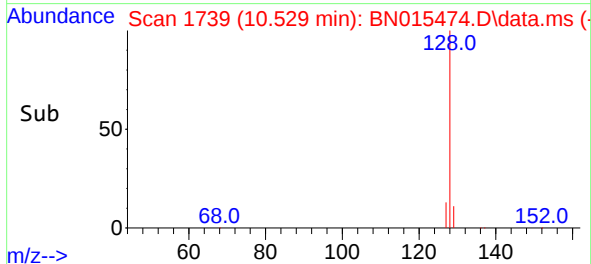
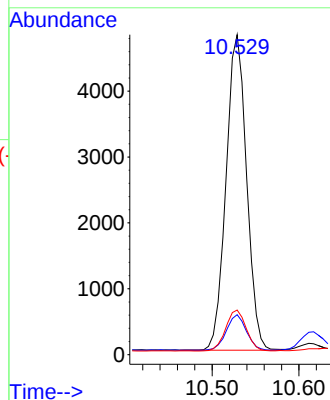
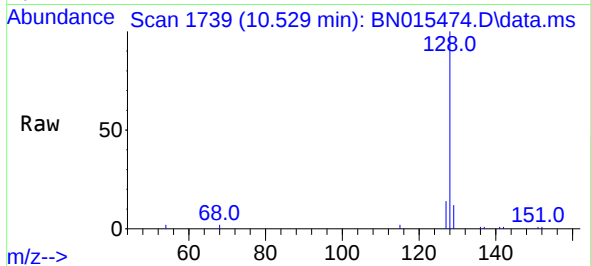
#5
Naphthalene
Concen: 49.387 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:	128	Resp:	7878
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.3	13.9
127	13.9	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDW5

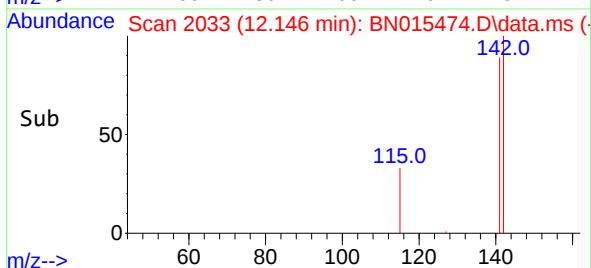
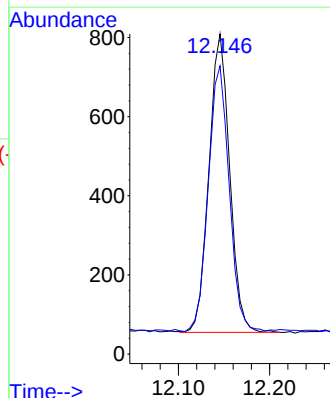
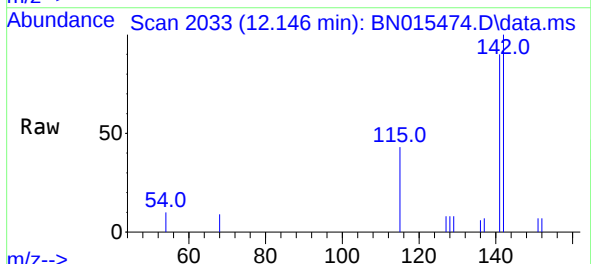
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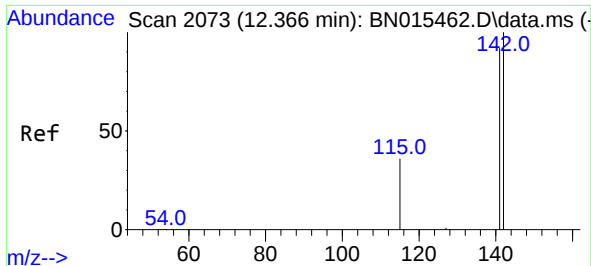
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#7
2-Methylnaphthalene
Concen: 11.421 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:	142	Resp:	1192
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.3	105.5





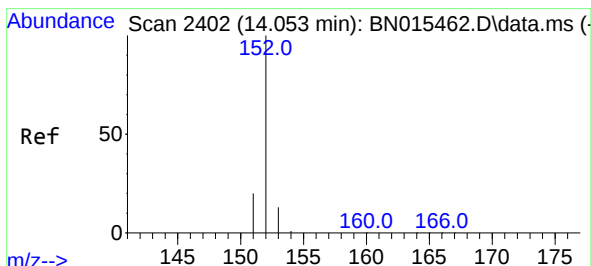
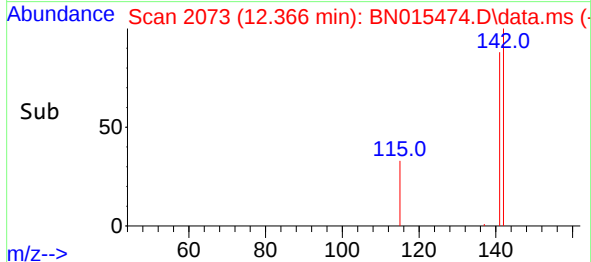
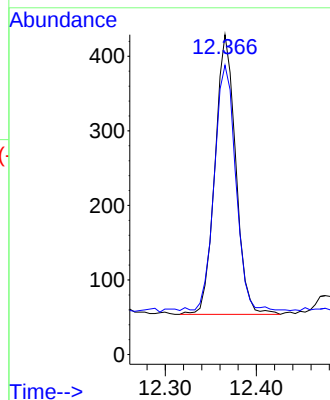
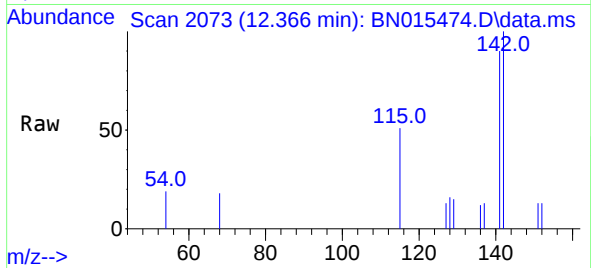
#8
1-Methylnaphthalene
Concen: 5.844 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:142 Resp: 590
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4

Instrument :
BNA_N
ClientSampled :
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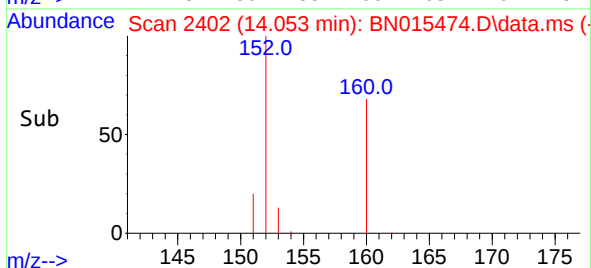
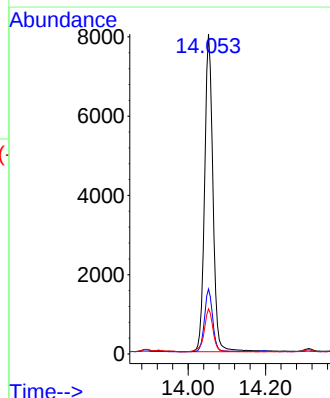
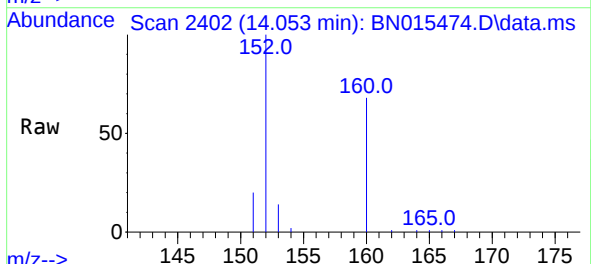
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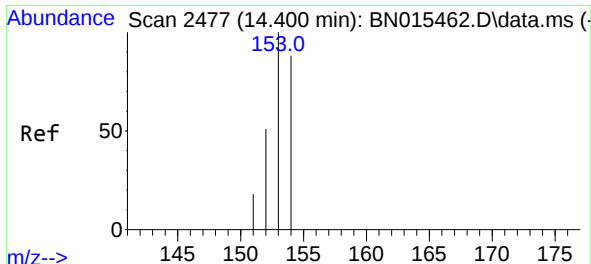
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#10
Acenaphthylene
Concen: 10.592 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

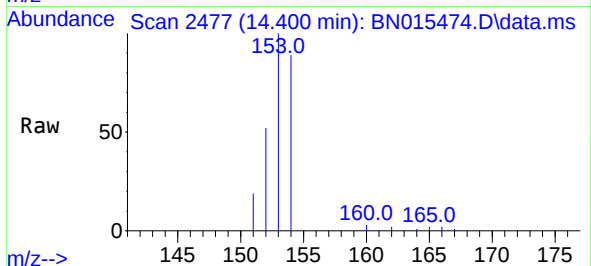
Tgt Ion:152 Resp: 11993
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 6.328 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

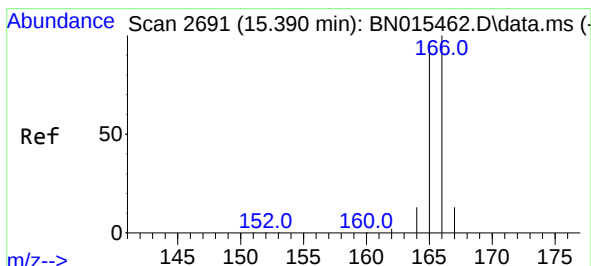
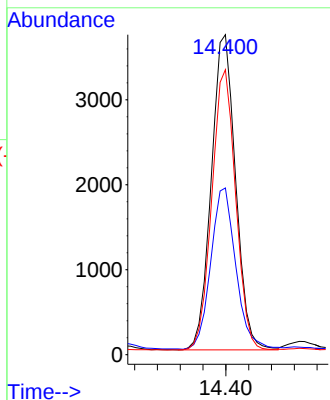
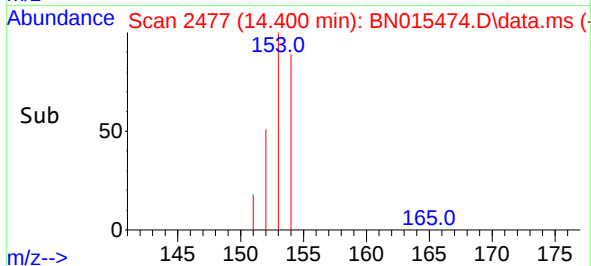
Instrument :
BNA_N
ClientSampleId :
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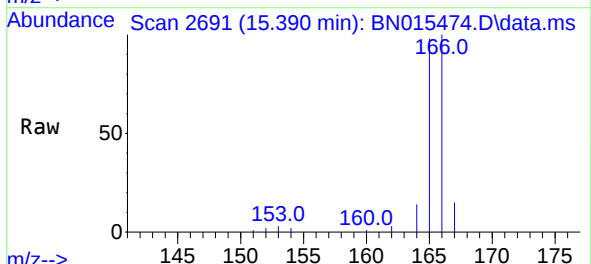
Tgt Ion:153 Resp: 5491
Ion Ratio Lower Upper
153 100
152 52.1 39.8 59.6
154 89.0 69.8 104.8

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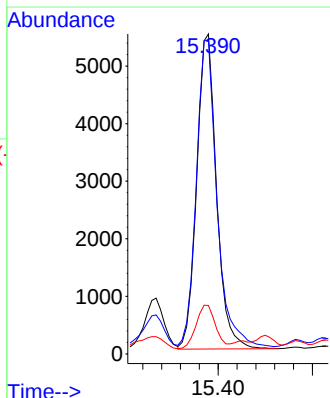
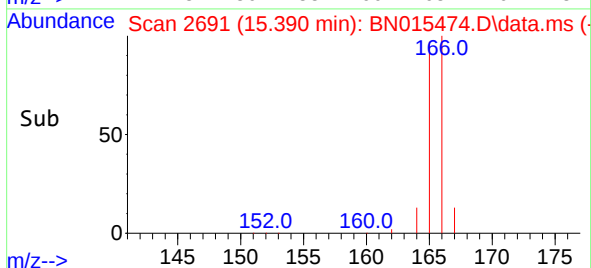
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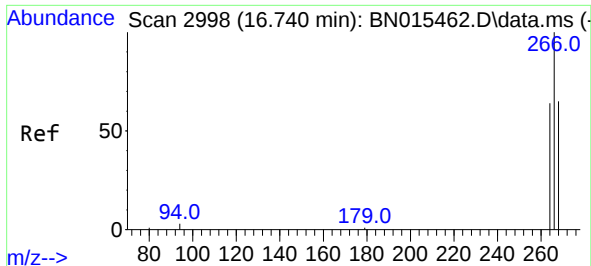


#12
Fluorene
Concen: 8.317 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38



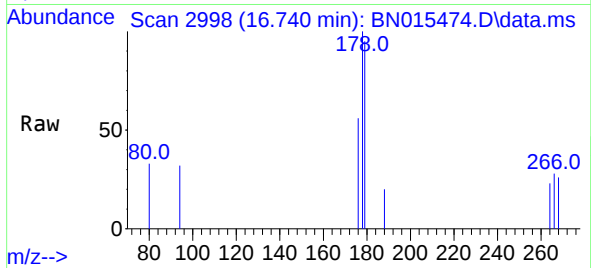
Tgt Ion:166 Resp: 7974
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 15.2 11.2 16.8





#14
 Pentachlorophenol
 Concen: 0.955 ng/ul
 RT: 16.740 min Scan# 2998
 Delta R.T. -0.000 min
 Lab File: BN015474.D
 Acq: 10 Jul 2021 08:38

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5

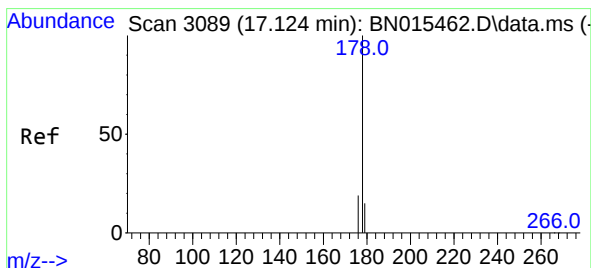
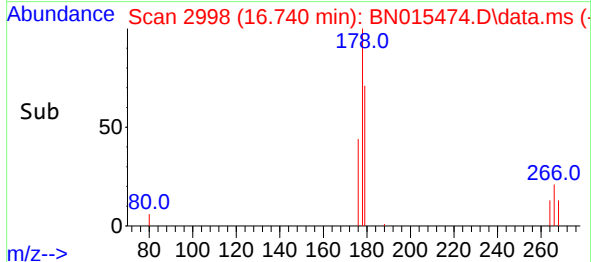
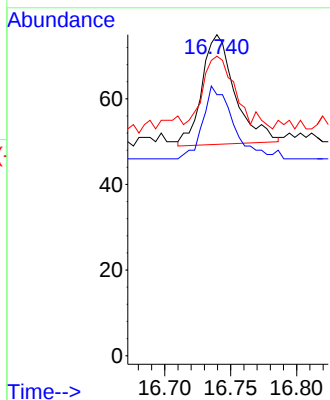


Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	68.9	50.2	75.2
268	64.4	51.8	77.6

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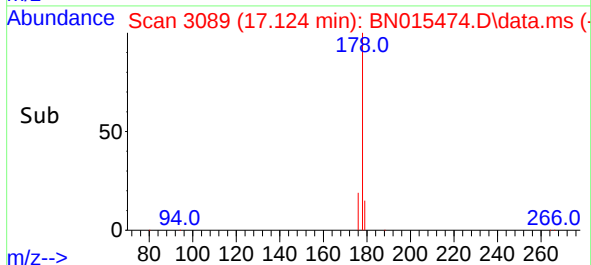
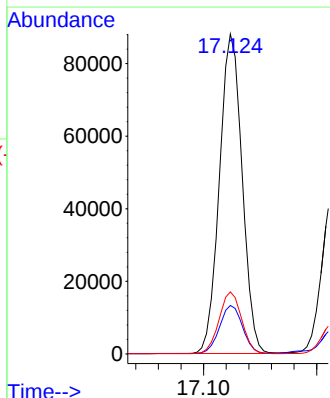
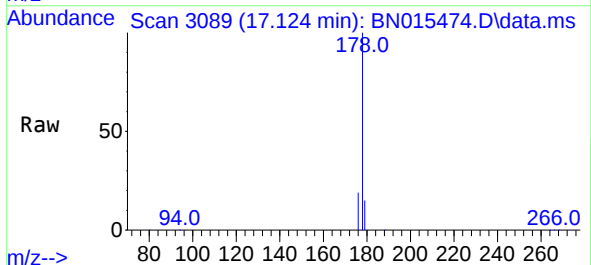
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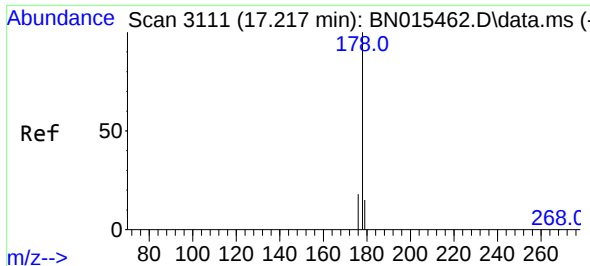


#15
 Phenanthrene
 Concen: 158.874 ng/ul
 RT: 17.124 min Scan# 3089
 Delta R.T. -0.004 min
 Lab File: BN015474.D
 Acq: 10 Jul 2021 08:38

Tgt Ion:178 Resp: 122821

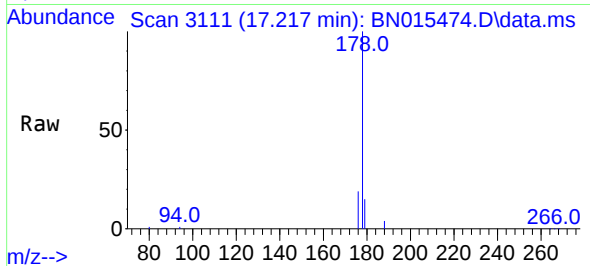
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.4	15.5	23.3





#16
 Anthracene
 Concen: 95.737 ng/uI
 RT: 17.217 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN015474.D
 Acq: 10 Jul 2021 08:38

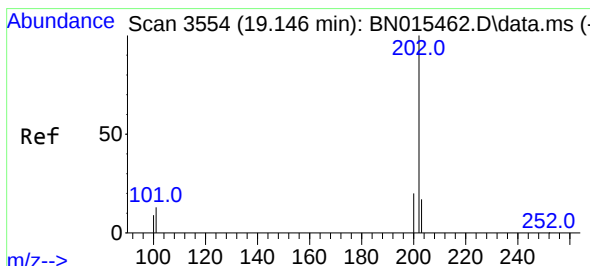
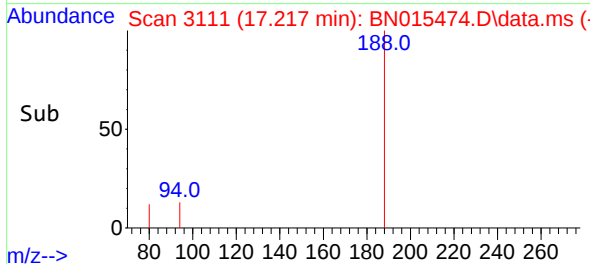
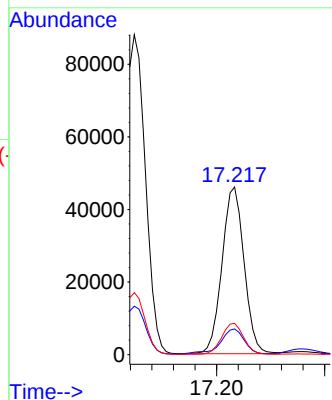
Instrument :
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Tgt Ion:	178	Resp:	65253
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	18.7	15.2	22.8

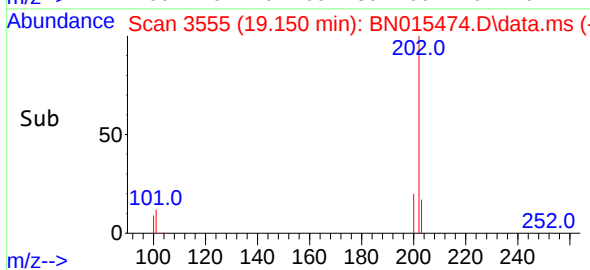
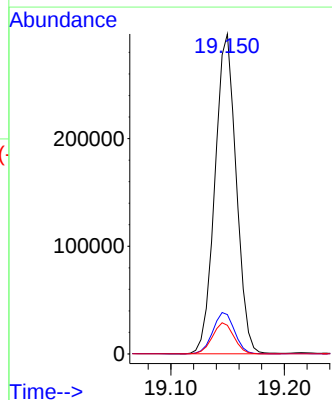
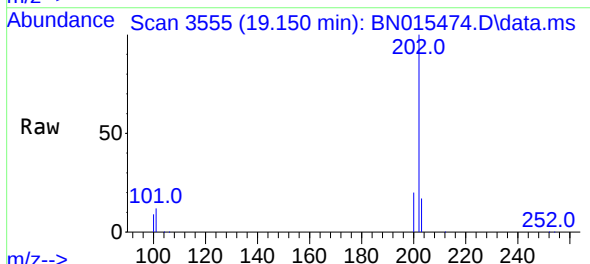
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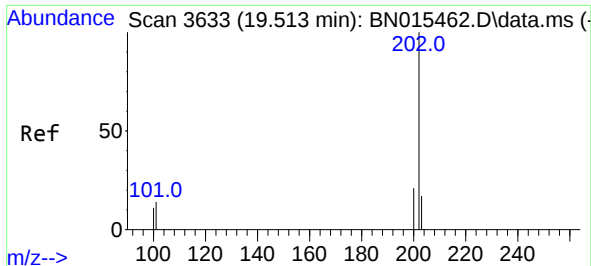
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#19
 Fluoranthene
 Concen: 519.010 ng/uI
 RT: 19.150 min Scan# 3555
 Delta R.T. -0.000 min
 Lab File: BN015474.D
 Acq: 10 Jul 2021 08:38

Tgt Ion:	202	Resp:	386122
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.1	15.1
100	8.9	7.4	11.0





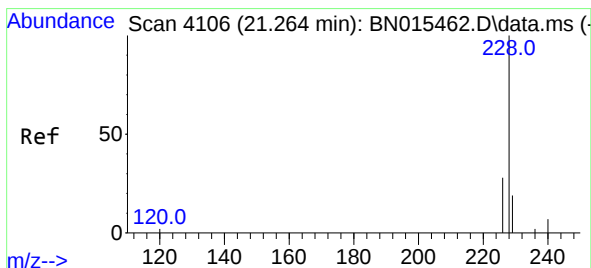
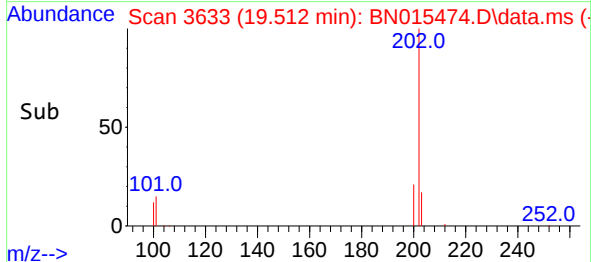
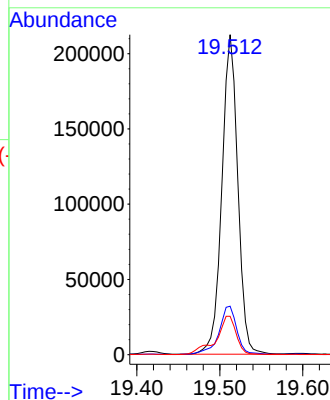
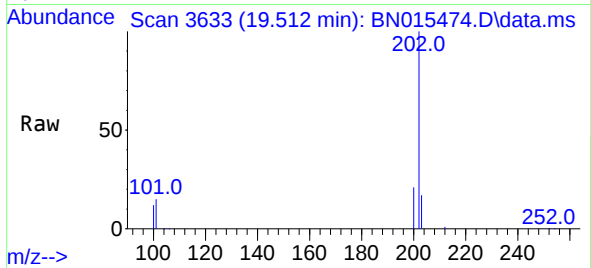
#20
Pyrene
Concen: 378.359 ng/u1
RT: 19.512 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:202 Resp: 282310
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.0 9.6 14.4

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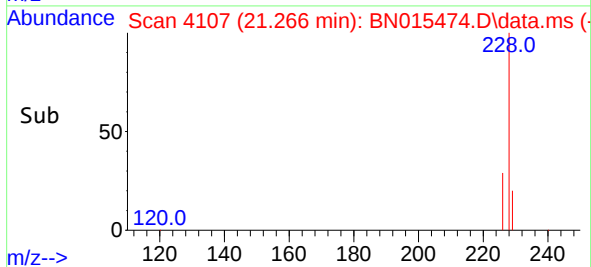
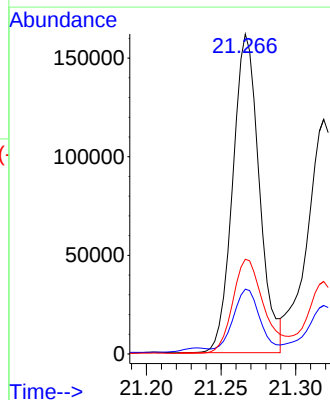
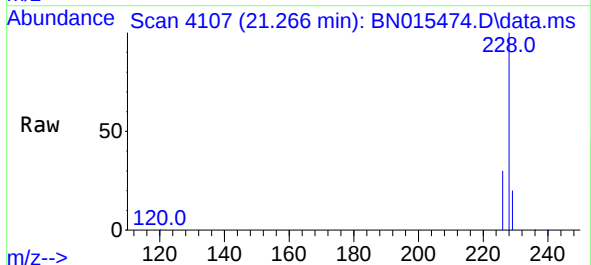
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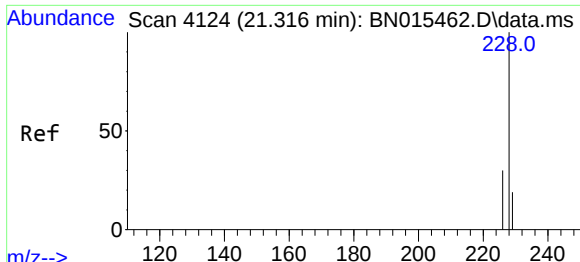
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#21
Benzo(a)anthracene
Concen: 335.514 ng/u1
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:228 Resp: 200101
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 29.6 21.8 32.8





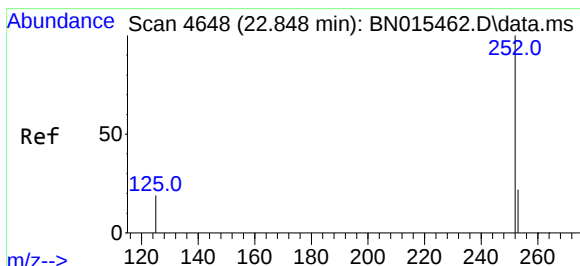
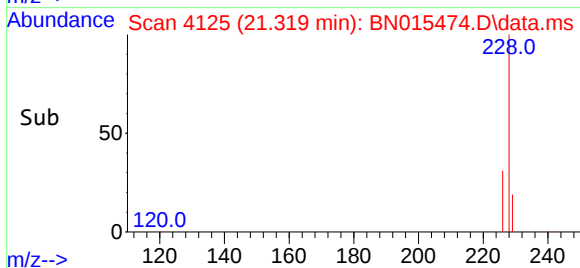
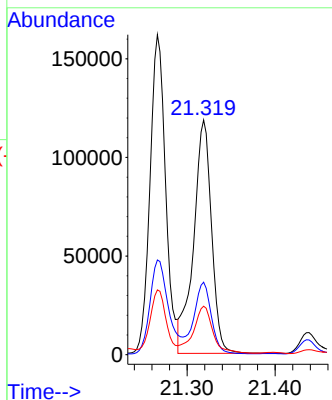
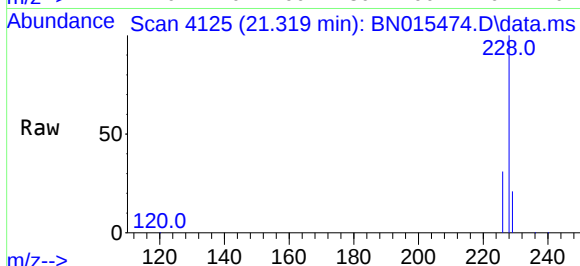
#22
Chrysene
Concen: 235.617 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:	228	Resp:	168225
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	20.6	15.7	23.5

Instrument :
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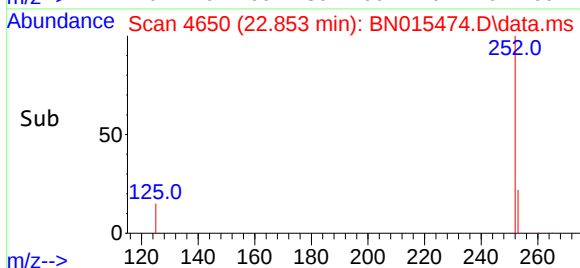
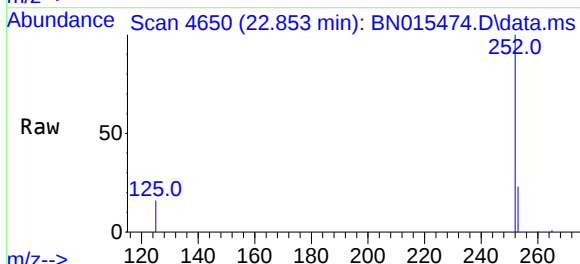
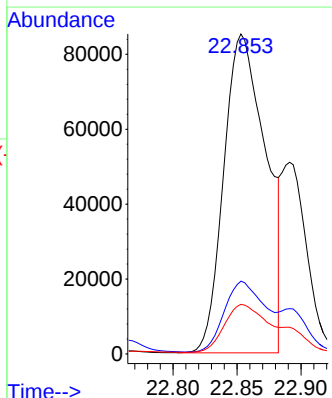
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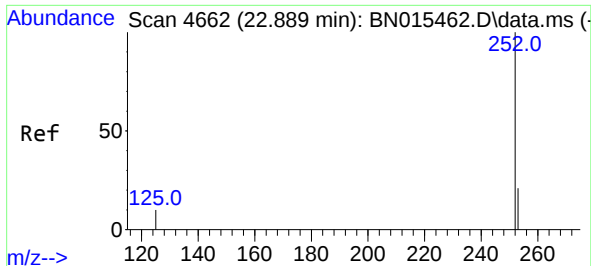
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#24
Benzo(b)fluoranthene
Concen: 1189.503 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:	252	Resp:	194495
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	45.6
125	15.5	0.0	28.4





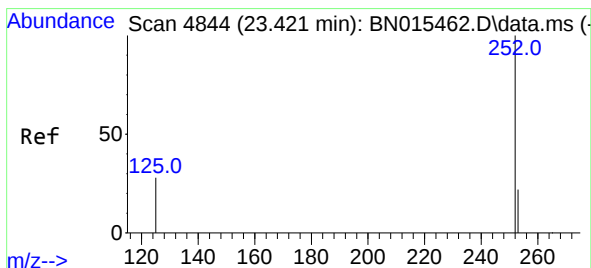
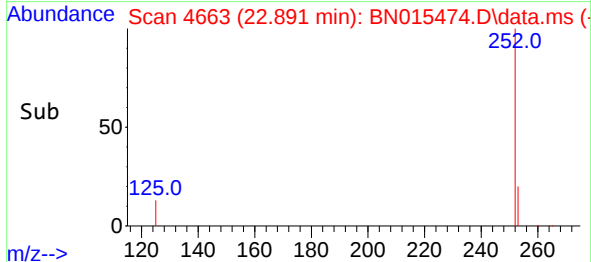
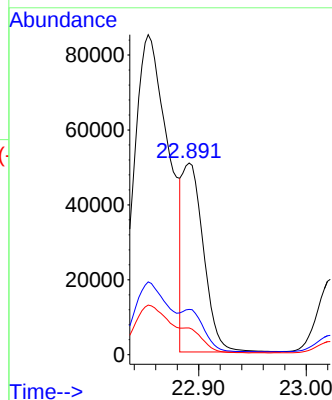
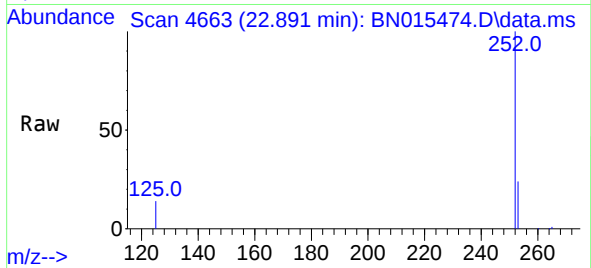
#25
Benzo(k)fluoranthene
Concen: 374.148 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:252 Resp: 69050
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 14.0 11.5 17.3

Instrument :
BNA_N
ClientSampleId :
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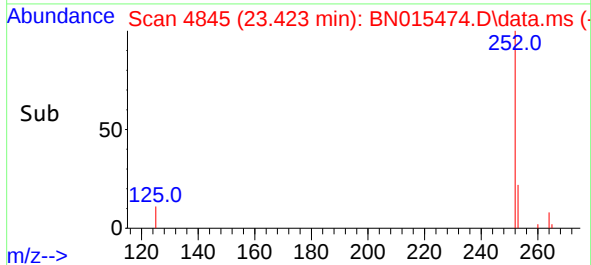
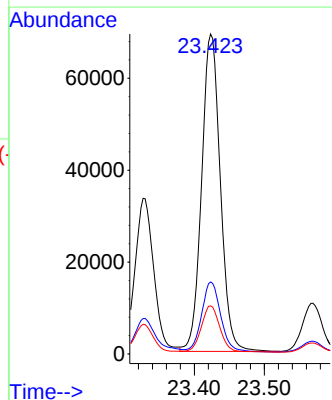
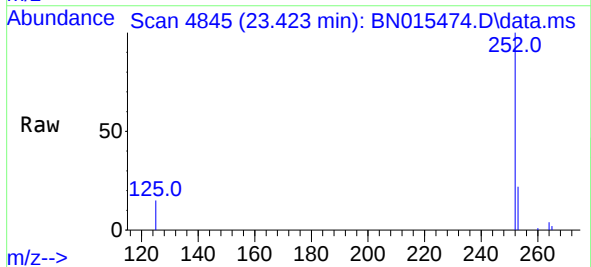
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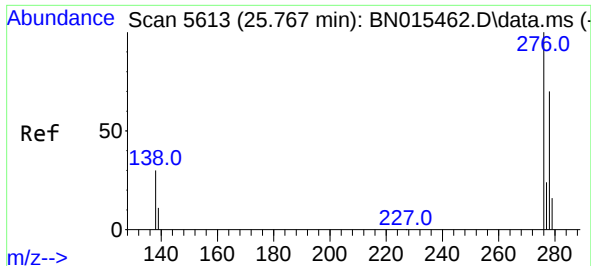
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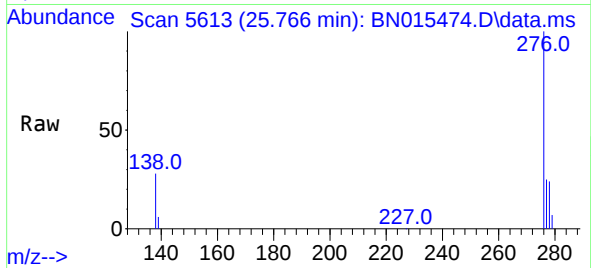
#26
Benzo(a)pyrene
Concen: 933.664 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38

Tgt Ion:252 Resp: 128223
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 15.0 13.5 20.3

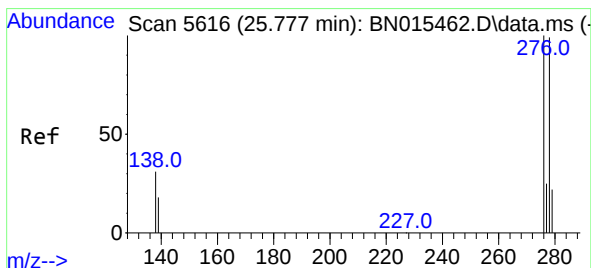
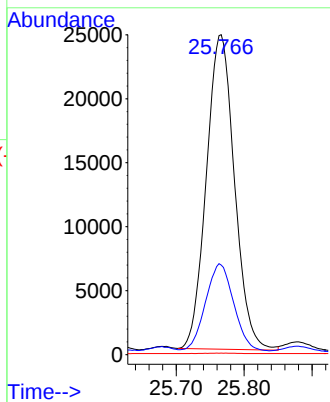
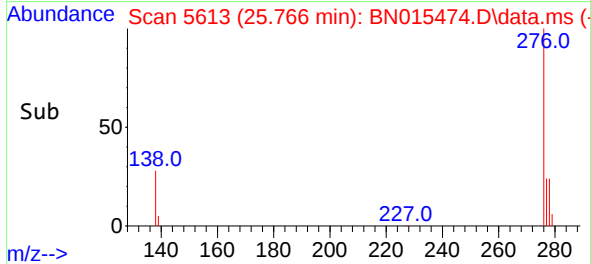




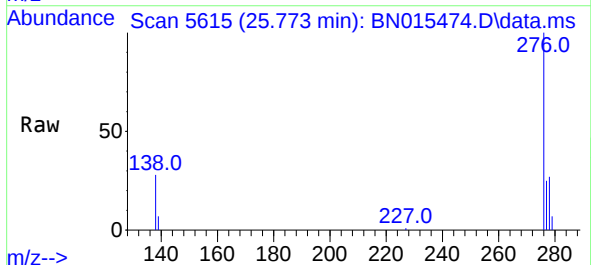
#27
Indeno(1,2,3-cd)pyrene
Concen: 426.423 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38



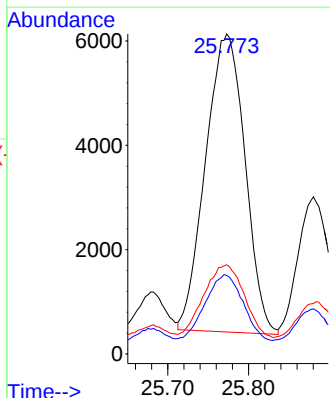
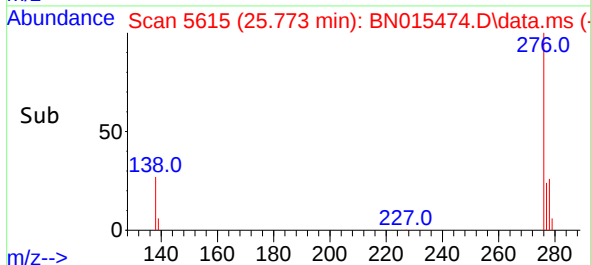
Tgt Ion:276 Resp: 70730
Ion Ratio Lower Upper
276 100
138 27.9 26.3 39.5
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 148.926 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.017 min
Lab File: BN015474.D
Acq: 10 Jul 2021 08:38



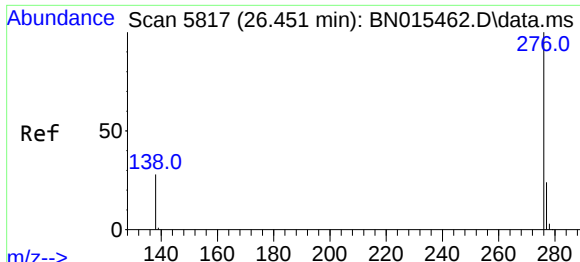
Tgt Ion:278 Resp: 19368
Ion Ratio Lower Upper
278 100
139 24.6 18.9 28.3
279 27.8 20.8 31.2



Instrument :
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ClientSampleId :
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#29
 Benzo(g,h,i)perylene
 Concen: 65.964 ng/ul
 RT: 26.450 min Scan# 5817
 Delta R.T. -0.013 min
 Lab File: BN015474.D
 Acq: 10 Jul 2021 08:38

Tgt Ion:	276	Resp:	10138
Ion Ratio	Lower	Upper	
276	100		
138	31.2	23.0	34.4
277	26.5	19.3	28.9

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5

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