

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015130.D
 Acq On : 26 Jun 2021 23:35
 Operator : CG/JU
 Sample : M2680-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD52

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Quant Time: Jun 27 06:43:42 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4141	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.502	136	14374	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	7692	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	16071	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	15279	0.400	ng/ul	-0.02
23) Perylene-d12	23.538	264	14004	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	13459	2.884	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3725	0.165	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	9205	0.183	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.551	128	4596	0.100	ng/ul	96
7) 2-Methylnaphthalene	12.162	142	622	0.021	ng/ul	100
8) 1-Methylnaphthalene	12.388	142	810	0.028	ng/ul	96
10) Acenaphthylene	14.071	152	2473	0.062	ng/ul#	91
11) Acenaphthene	14.414	153	9534	0.313	ng/ul	100
12) Fluorene	15.404	166	2016	0.060	ng/ul#	96
15) Phenanthrene	17.141	178	22912	0.393	ng/ul	99
16) Anthracene	17.229	178	8089	0.157	ng/ul	97
19) Fluoranthene	19.160	202	47317	0.670	ng/ul	97
20) Pyrene	19.527	202	38999	0.551	ng/ul	99
21) Benzo(a)anthracene	21.279	228	25001	0.442	ng/ul	93
22) Chrysene	21.328	228	21044	0.311	ng/ul	97
24) Benzo(b)fluoranthene	22.868	252	25838m	0.395	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	10660m	0.144	ng/ul	
26) Benzo(a)pyrene	23.441	252	19580	0.356	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.790	276	11500	0.173	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.800	278	3071	0.059	ng/ul#	65
29) Benzo(g,h,i)perylene	26.485	276	9384	0.153	ng/ul	92

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

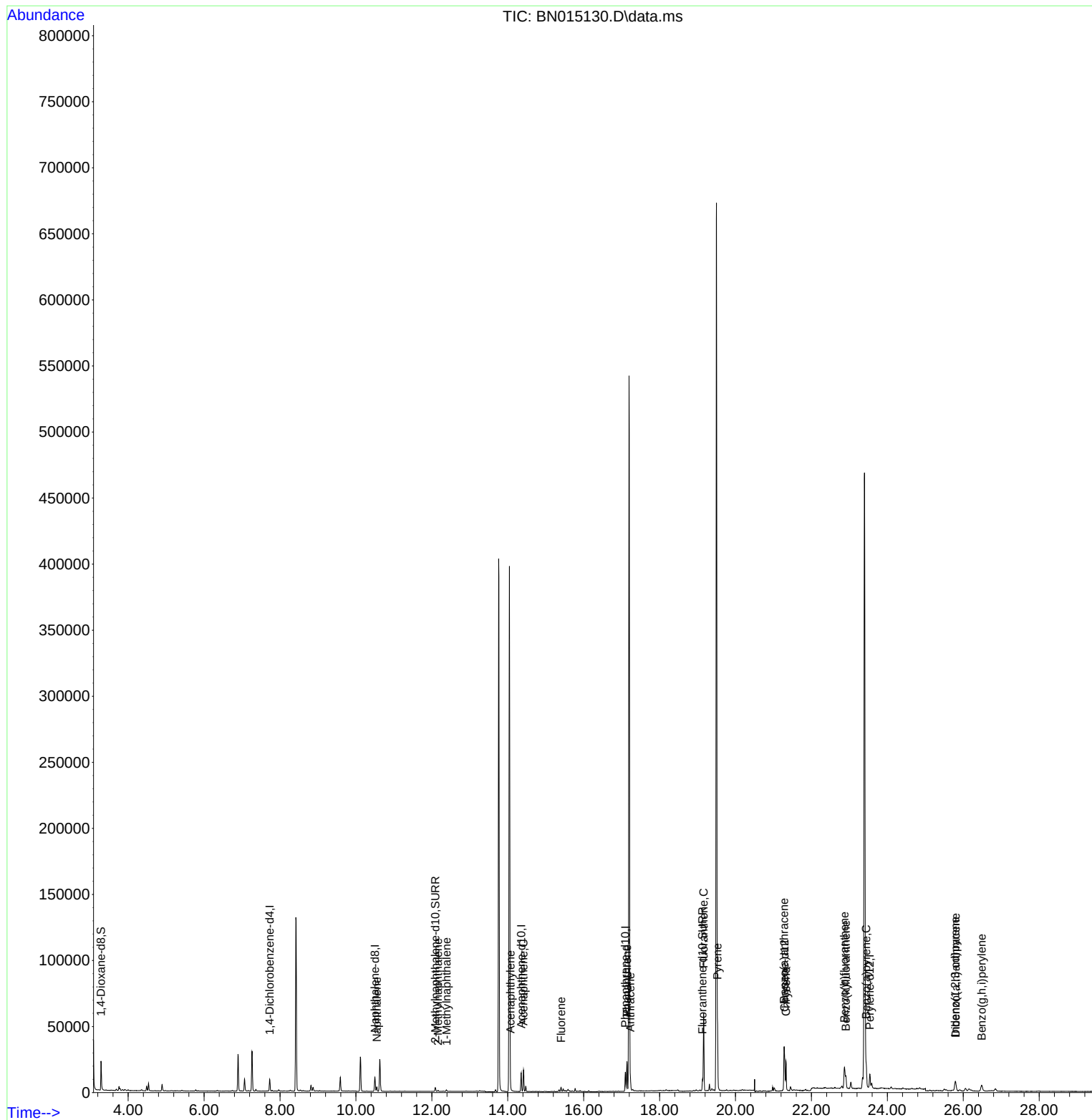
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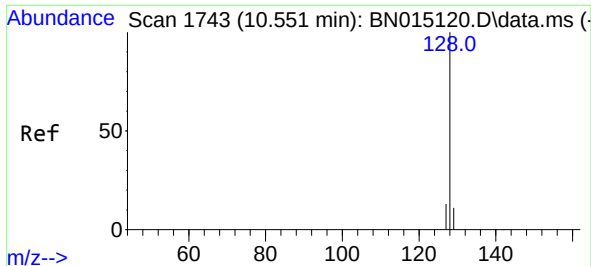
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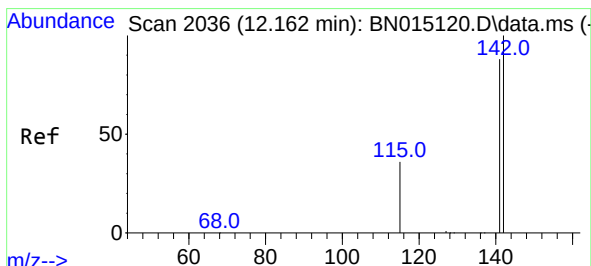
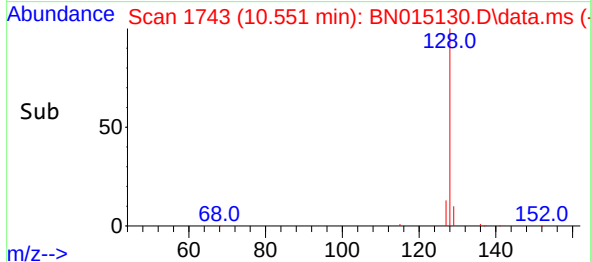
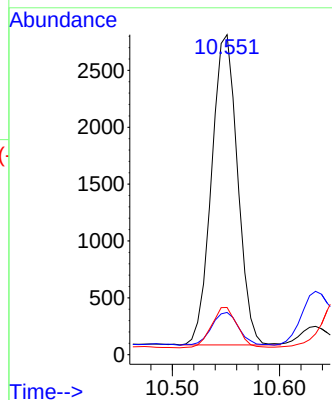
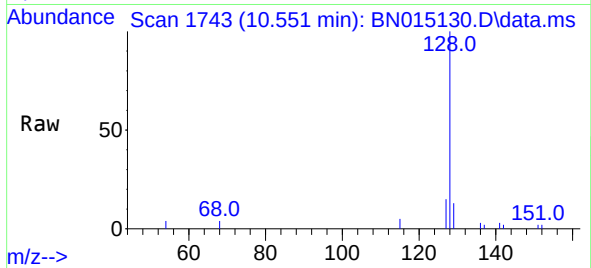
#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.551 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:	128	Resp:	4596
Ion Ratio	Lower	Upper	
128	100		
129	13.2	9.3	13.9
127	14.7	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGD52

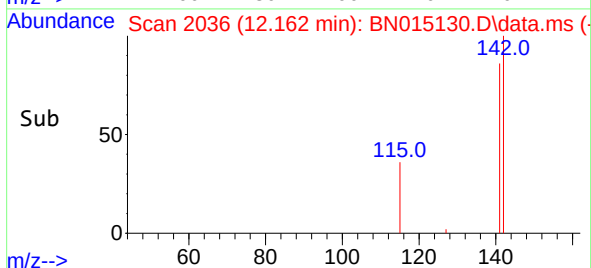
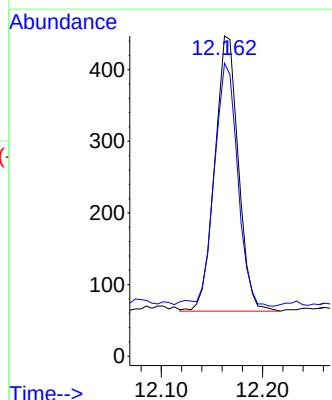
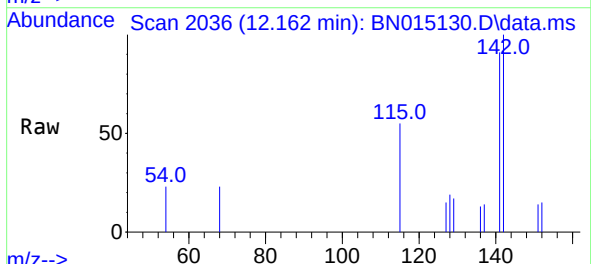
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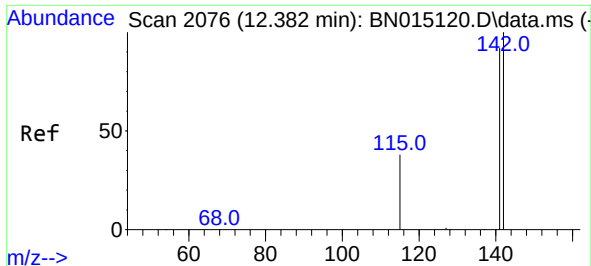
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#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:	142	Resp:	622
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.3	105.5





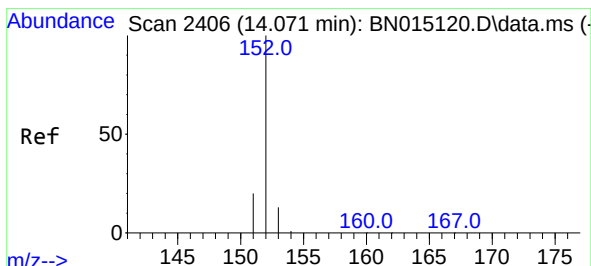
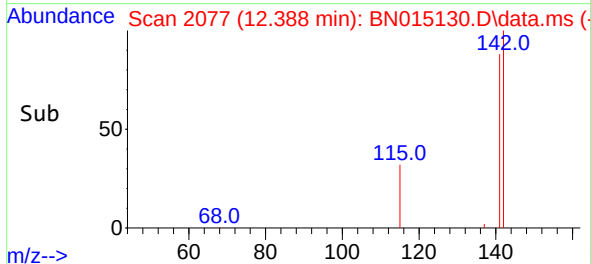
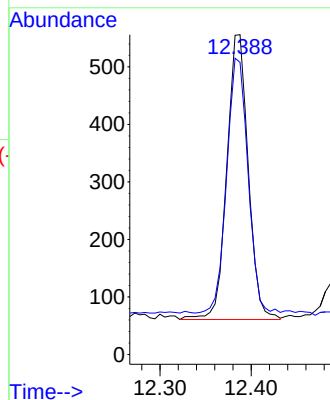
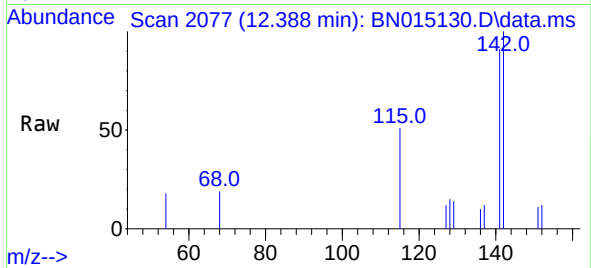
#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. -0.007 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
141 89.3 74.2 111.4

Instrument :
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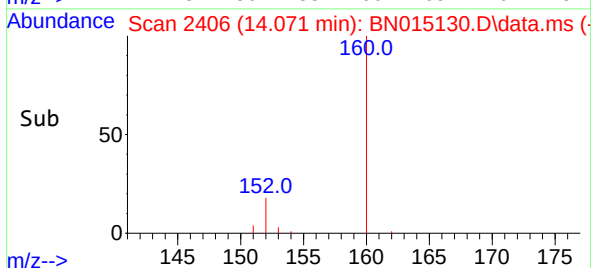
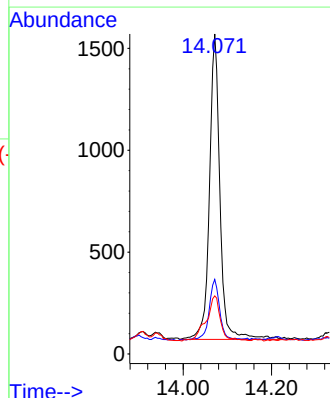
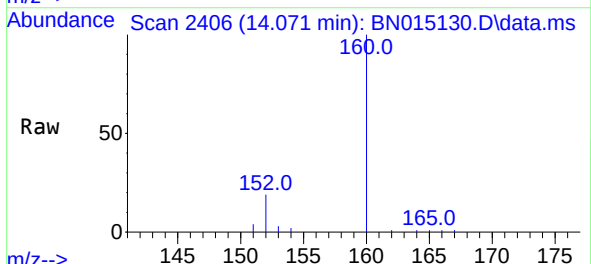
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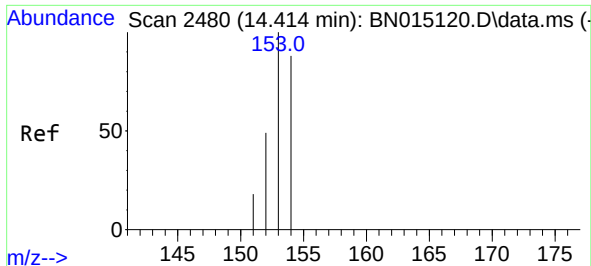
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#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

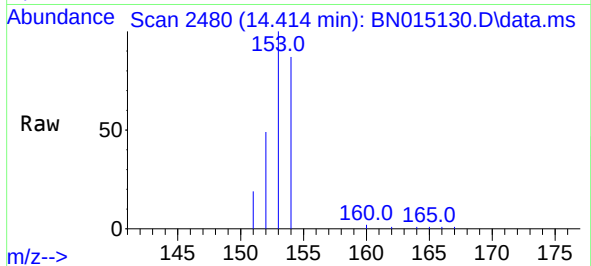
Tgt Ion:152 Resp: 2473
Ion Ratio Lower Upper
152 100
151 23.3 16.0 24.0
153 18.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

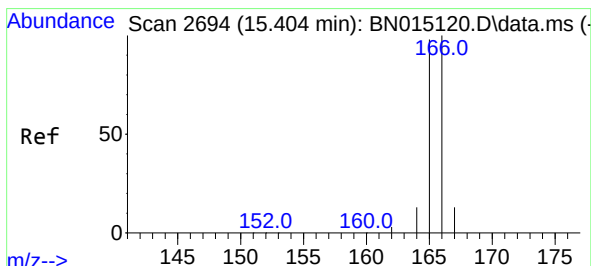
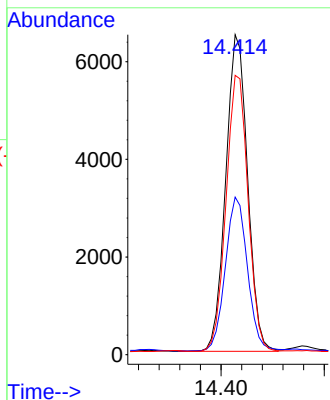
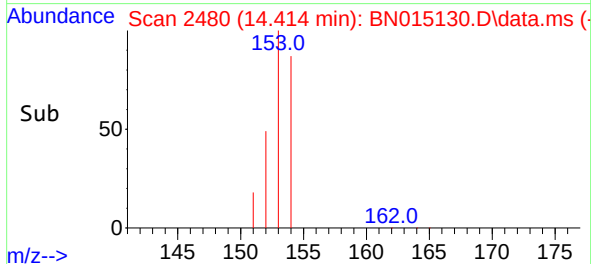
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ClientSampleId :
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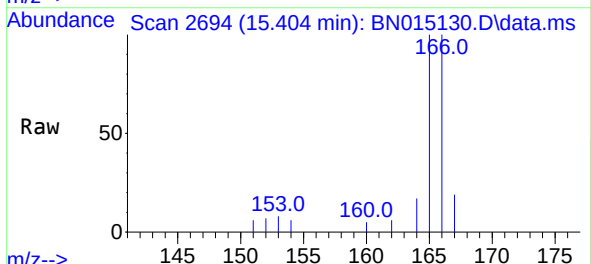
Tgt Ion:153 Resp: 9534
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.6
154 87.3 69.8 104.8

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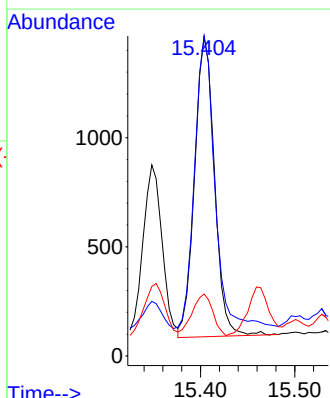
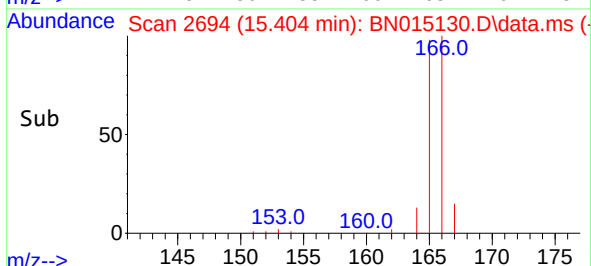
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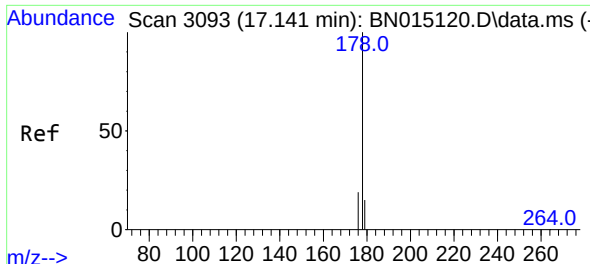


#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015130.D
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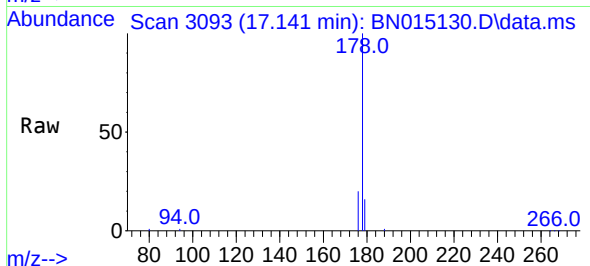
Tgt Ion:166 Resp: 2016
Ion Ratio Lower Upper
166 100
165 100.3 77.8 116.8
167 19.4 11.2 16.8#





#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015130.D
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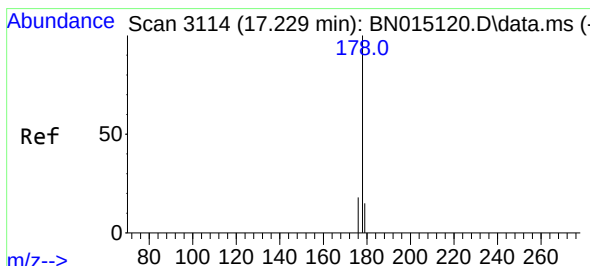
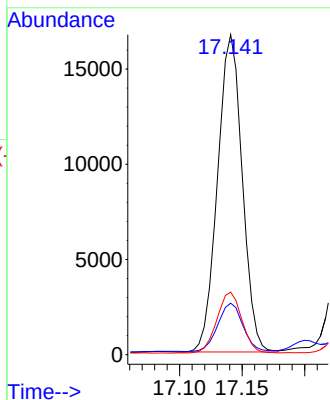
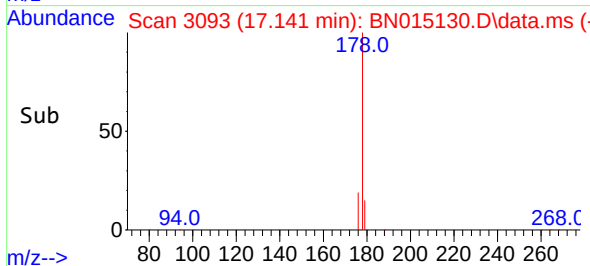
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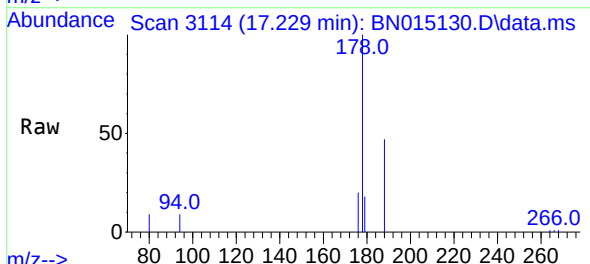
Tgt Ion:178	Resp:	22912
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.3 18.5
176	19.5	15.5 23.3

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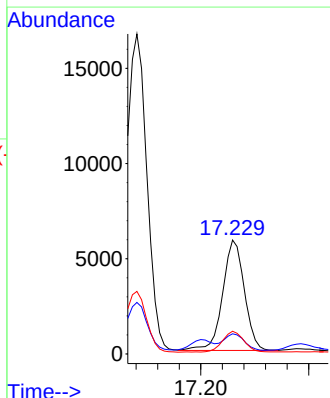
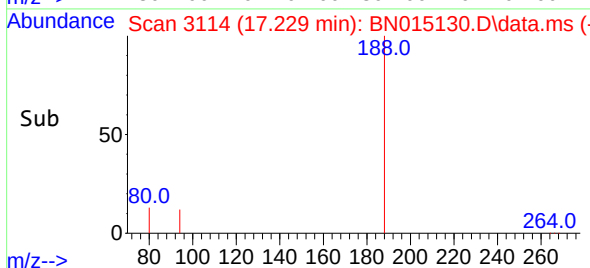
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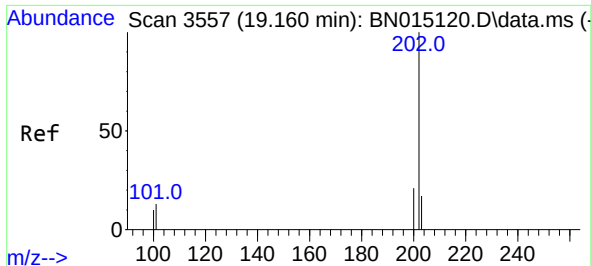


#16
Anthracene
Concen: 0.157 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35



Tgt Ion:178	Resp:	8089
Ion Ratio	Lower	Upper
178	100	
179	17.7	12.8 19.2
176	19.9	15.2 22.8





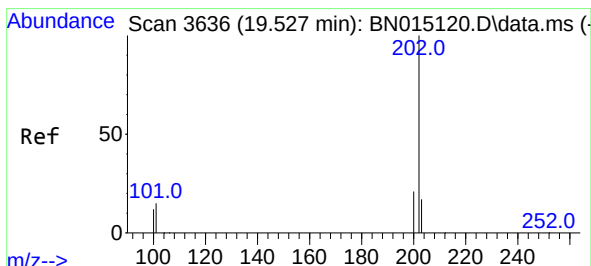
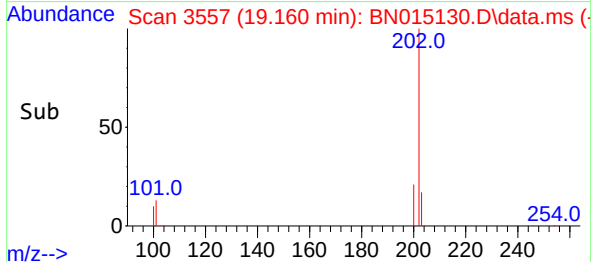
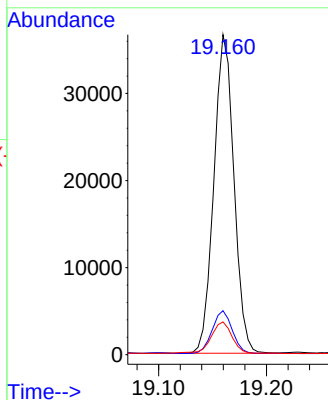
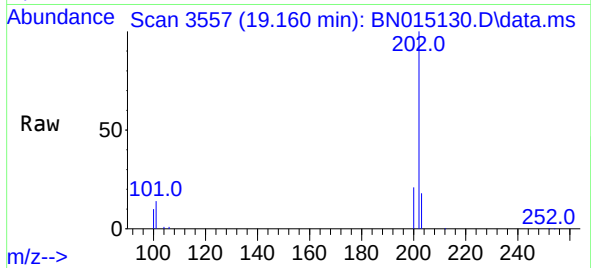
#19
Fluoranthene
Concen: 0.670 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:	202	Resp:	47317
Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.2	7.4	11.0

Instrument :
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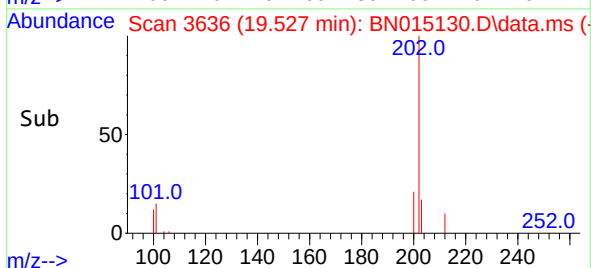
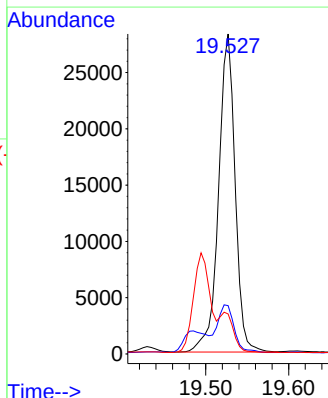
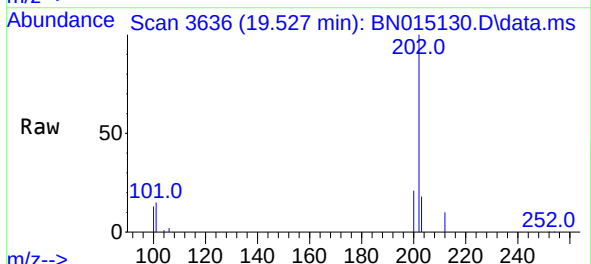
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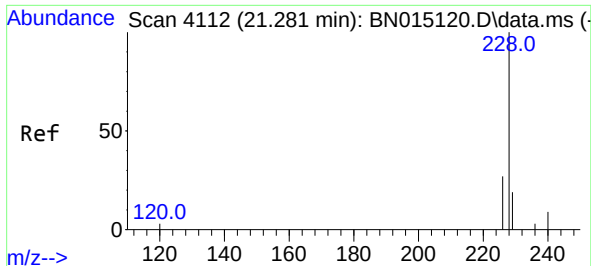
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#20
Pyrene
Concen: 0.551 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
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Tgt Ion:	202	Resp:	38999
Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.0	18.0
100	12.5	9.6	14.4





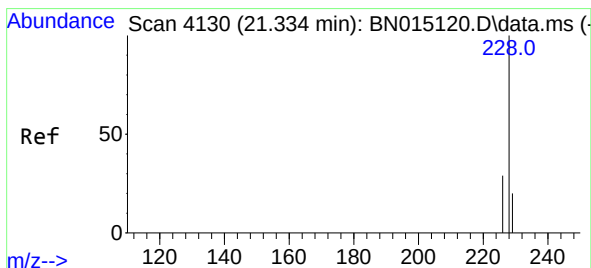
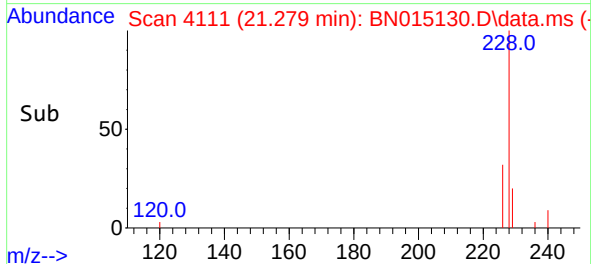
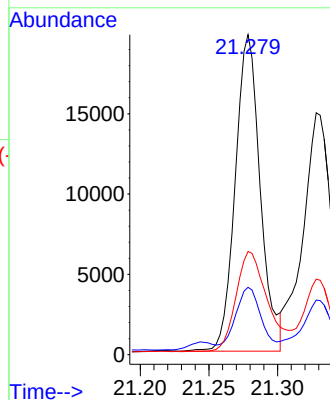
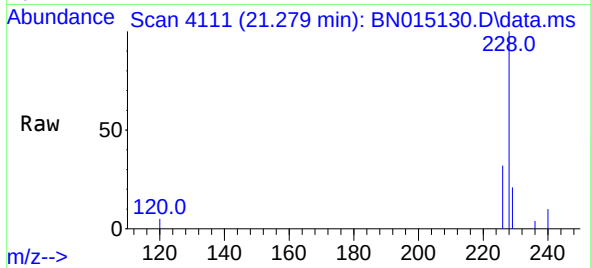
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Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.279 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015130.D
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Tgt Ion:228	Resp:	25001
Ion Ratio	Lower	Upper
228	100	
229	21.0	15.8 23.8
226	32.3	21.8 32.8

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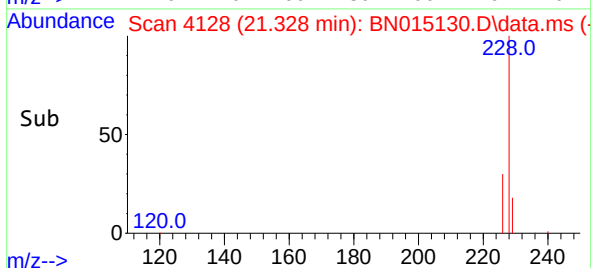
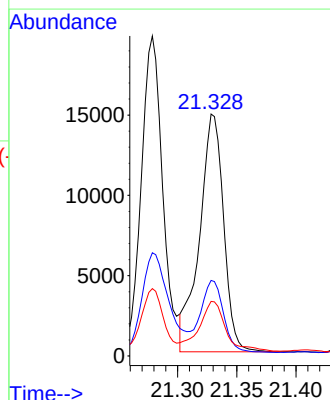
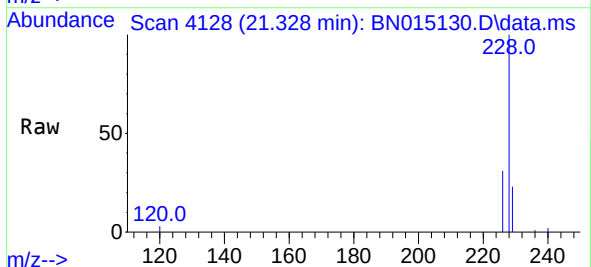
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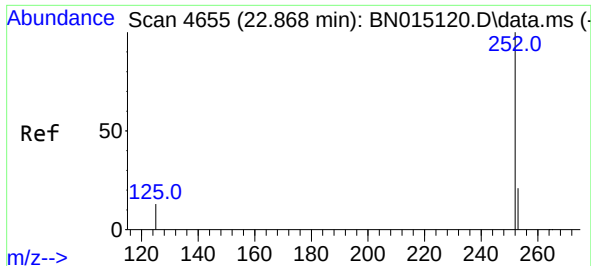
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#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.328 min Scan# 4128
Delta R.T. -0.020 min
Lab File: BN015130.D
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Tgt Ion:228	Resp:	21044
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.6 37.0
229	22.6	15.7 23.5





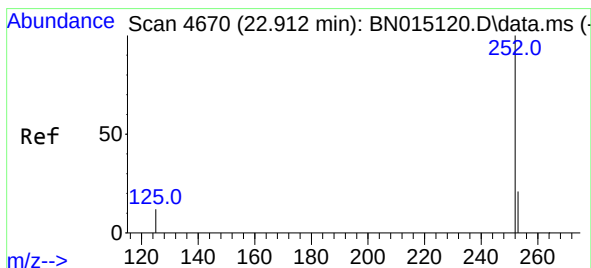
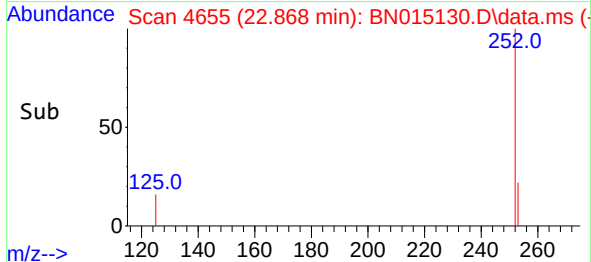
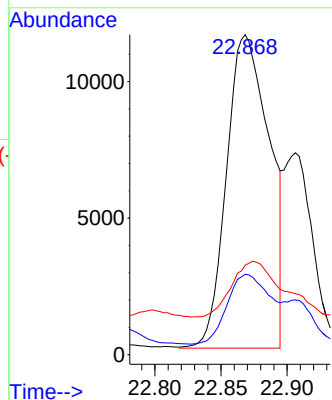
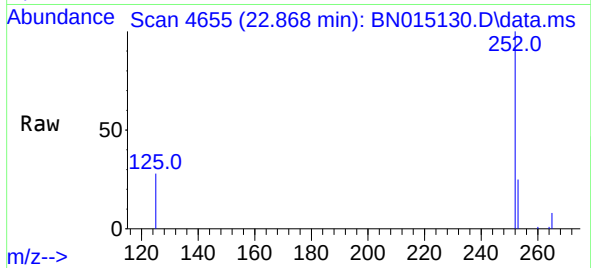
#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015130.D
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Tgt Ion:252 Resp: 25838
Ion Ratio Lower Upper
252 100
253 25.1 0.0 45.6
125 28.0 0.0 28.4

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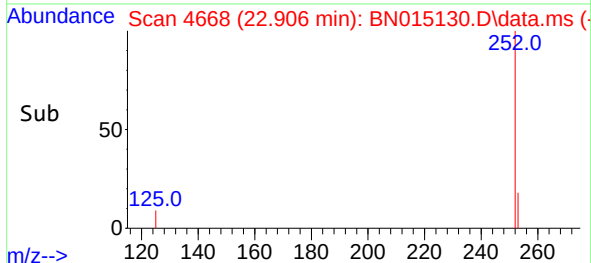
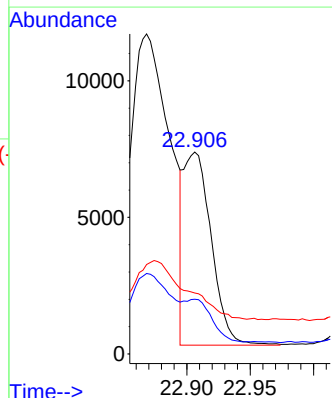
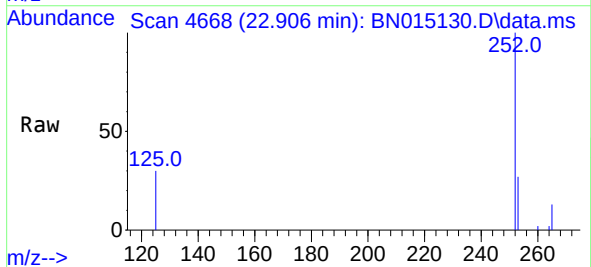
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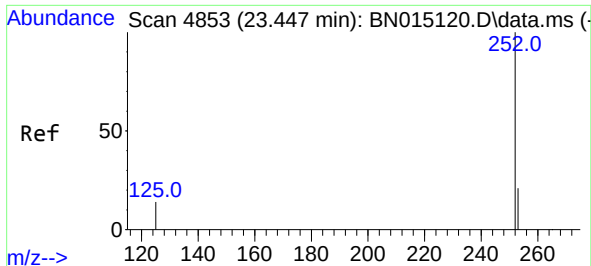
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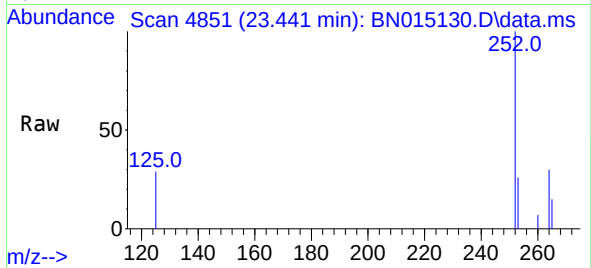
#25
Benzo(k)fluoranthene
Concen: 0.144 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:252 Resp: 10660
Ion Ratio Lower Upper
252 100
253 27.1 18.1 27.1
125 30.2 11.5 17.3#

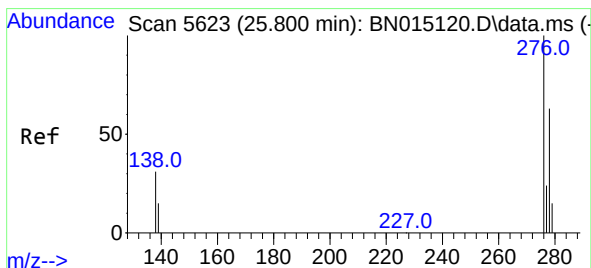
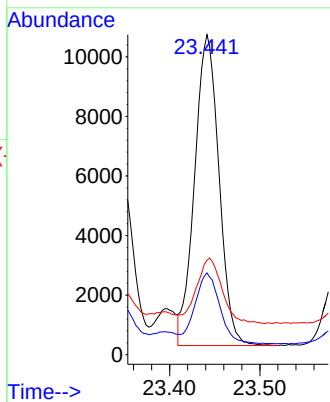
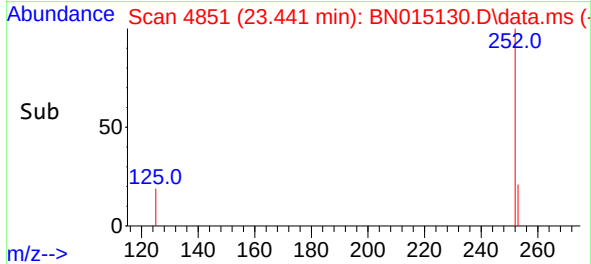




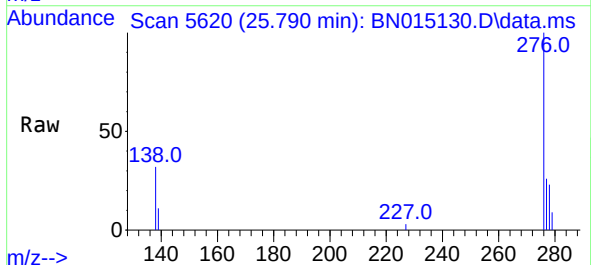
#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. -0.029 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35



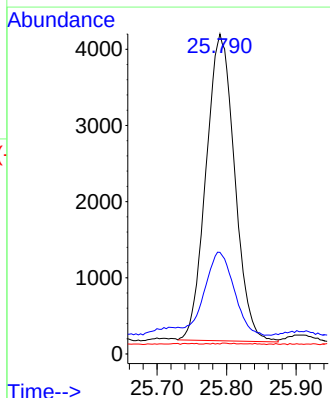
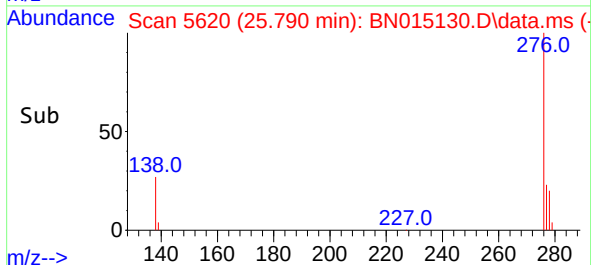
Tgt Ion:252 Resp: 19580
Ion Ratio Lower Upper
252 100
253 25.5 18.9 28.3
125 29.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.050 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35



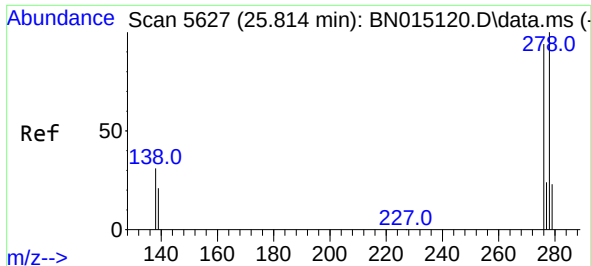
Tgt Ion:276 Resp: 11500
Ion Ratio Lower Upper
276 100
138 28.2 26.3 39.5
227 0.1 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGD52

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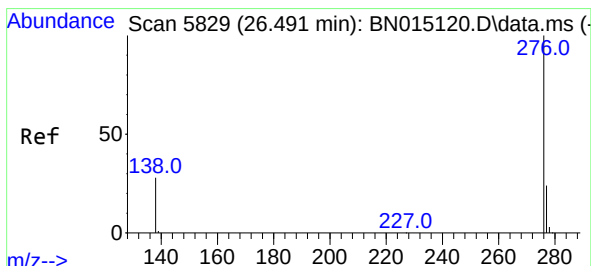
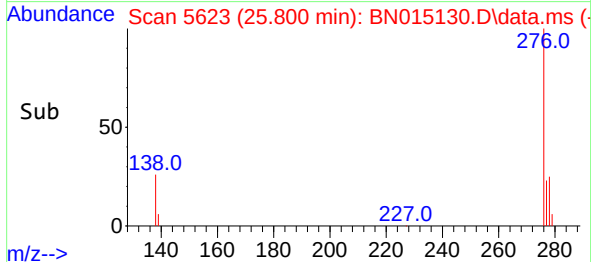
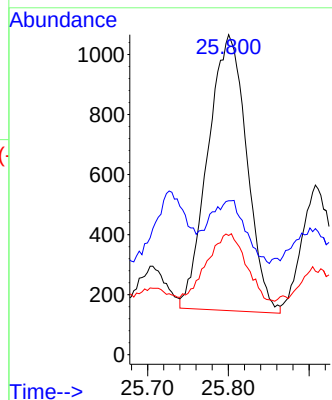
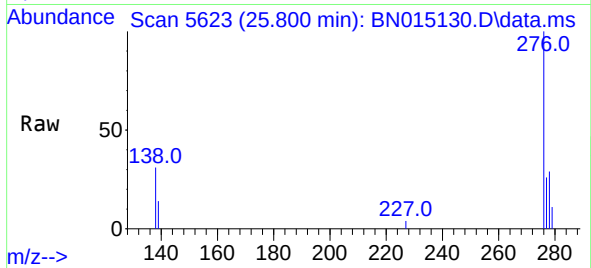
#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.800 min Scan# 5623
Delta R.T. -0.060 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:278 Resp: 3071
Ion Ratio Lower Upper
278 100
139 48.1 18.9 28.3#
279 37.2 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGD52

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#29
Benzo(g,h,i)perylene
Concen: 0.153 ng/ul
RT: 26.485 min Scan# 5827
Delta R.T. -0.040 min
Lab File: BN015130.D
Acq: 26 Jun 2021 23:35

Tgt Ion:276 Resp: 9384
Ion Ratio Lower Upper
276 100
138 33.9 23.0 34.4
277 26.9 19.3 28.9

