

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015545.D
 Acq On : 14 Jul 2021 01:43
 Operator : CG/JU
 Sample : M2869-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx8

Manual Integrations
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Quant Time: Jul 14 05:34:06 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 : Wed Jul 14 05:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10073	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10636	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	8683	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8145	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7444	2.295	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	2848	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	6303	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	59599	1.855	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	6981	0.332	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	4933	0.243	ng/ul	99
10) Acenaphthylene	14.159	152	35890	1.286	ng/ul	100
11) Acenaphthene	14.502	153	47462	2.220	ng/ul	100
12) Fluorene	15.492	166	35626	1.508	ng/ul	98
15) Phenanthrene	17.229	178	480517	12.448	ng/ul	100
16) Anthracene	17.322	178	175843	5.167	ng/ul	99
19) Fluoranthene	19.257	202	857835	21.380	ng/ul	100
20) Pyrene	19.619	202	571819	14.210	ng/ul	99
21) Benzo(a)anthracene	21.372	228	424878	13.209	ng/ul	95
22) Chrysene	21.421	228	340245	8.836	ng/ul	98
24) Benzo(b)fluoranthene	23.032	252	440280m	11.571	ng/ul	
25) Benzo(k)fluoranthene	23.073	252	156430m	3.642	ng/ul	
26) Benzo(a)pyrene	23.634	252	213968	6.695	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.162	276	148252	3.841	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.169	278	50438	1.667	ng/ul	98
29) Benzo(g,h,i)perylene	26.907	276	8228	0.230	ng/ul#	85

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

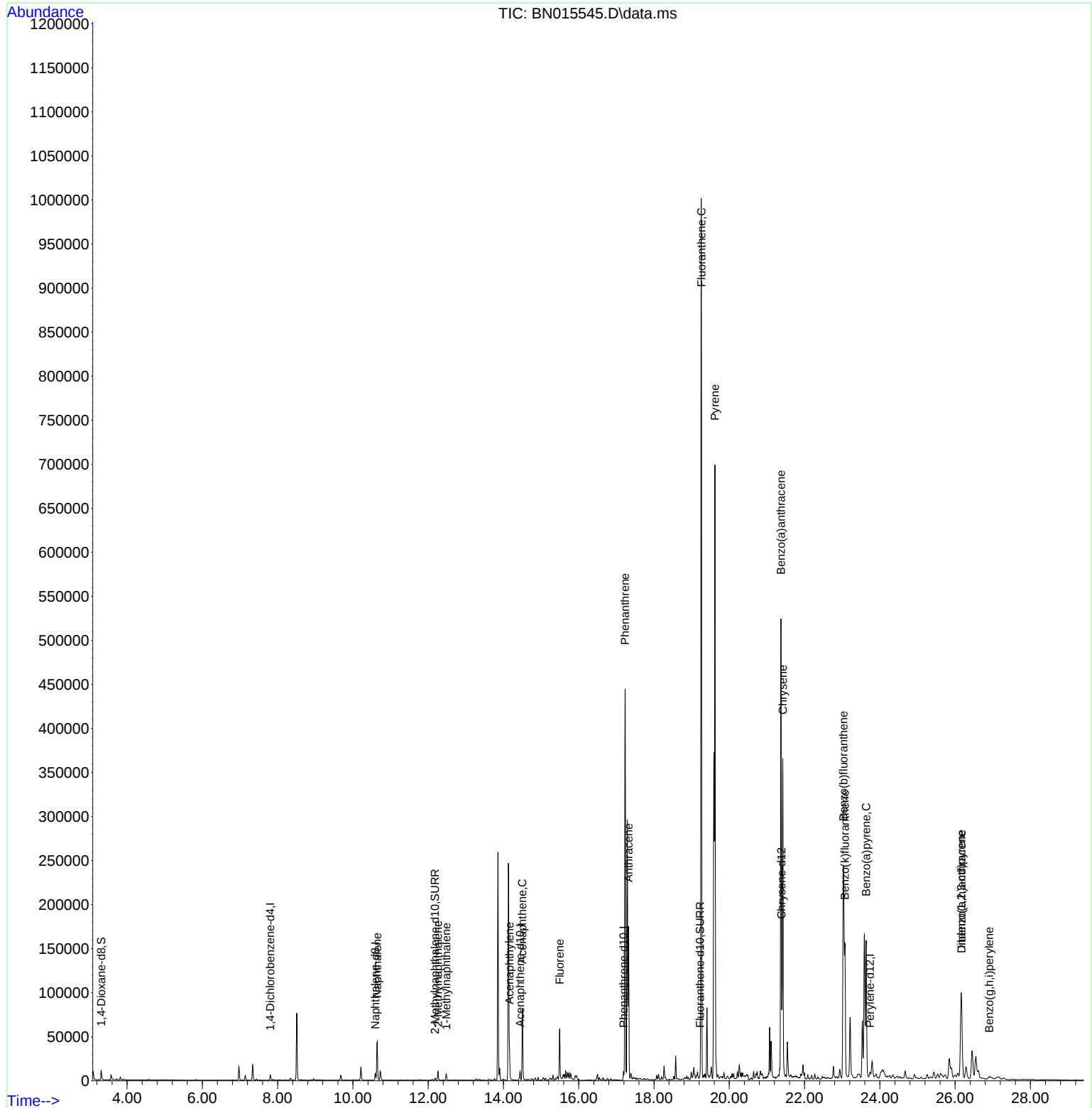
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
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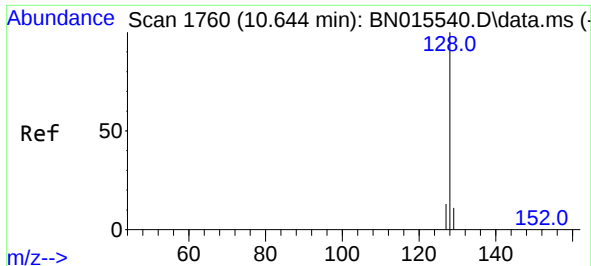
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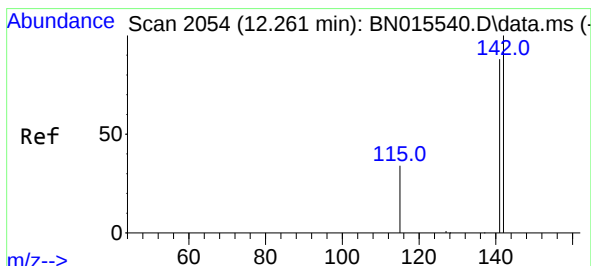
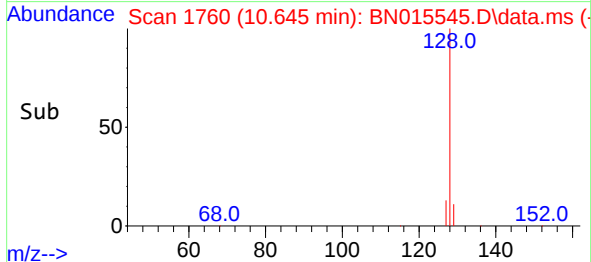
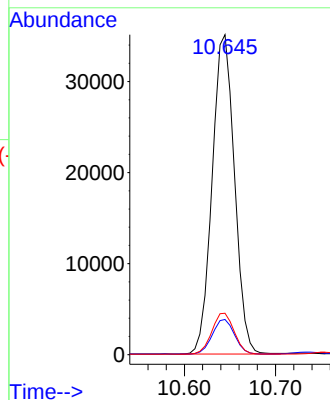
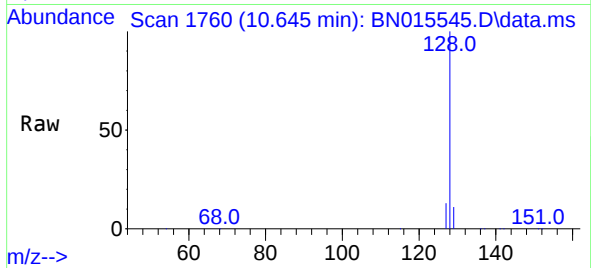
#5
Naphthalene
Concen: 1.855 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:	128	Resp:	59599
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	13.0	10.8	16.2

Instrument :
BNA_N
ClientSampled :
BGDX8

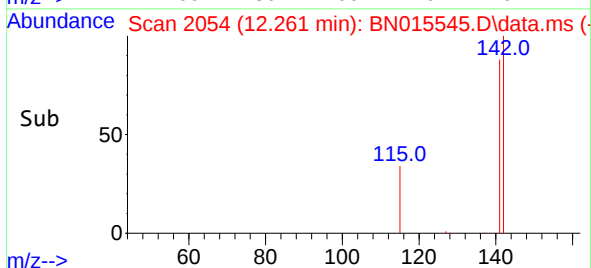
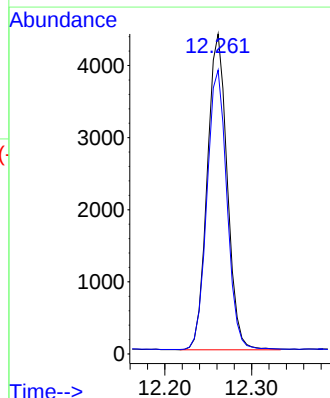
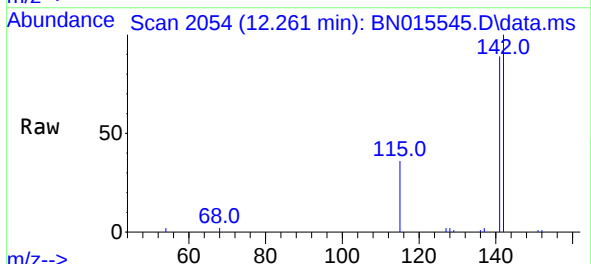
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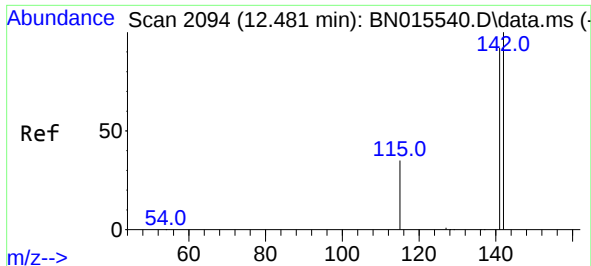
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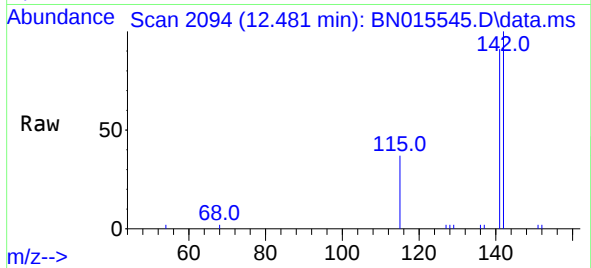
#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:	142	Resp:	6981
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5

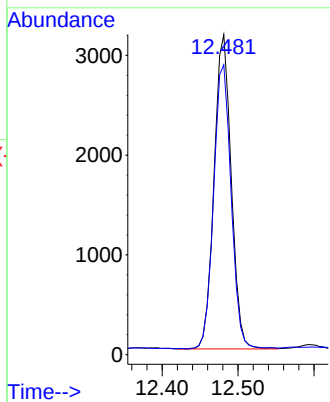
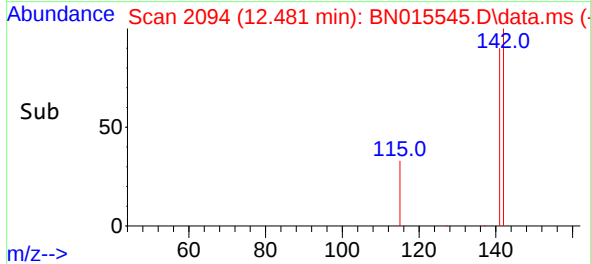




#8
1-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43



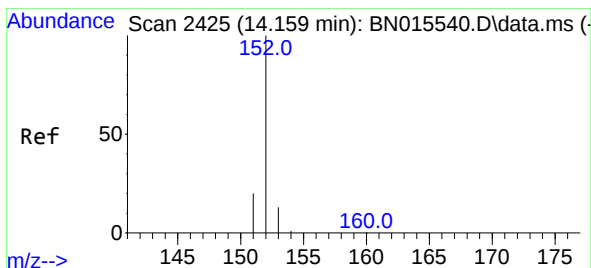
Tgt Ion:142 Resp: 4933
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4



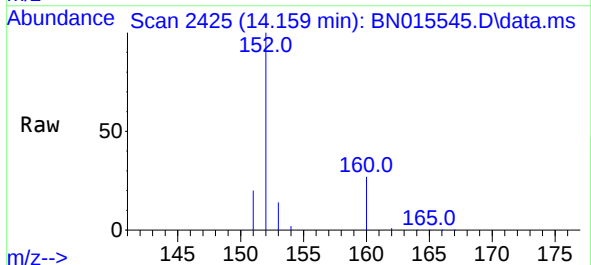
Instrument :
BNA_N
ClientSampleId :
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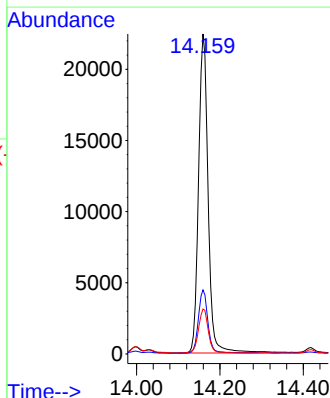
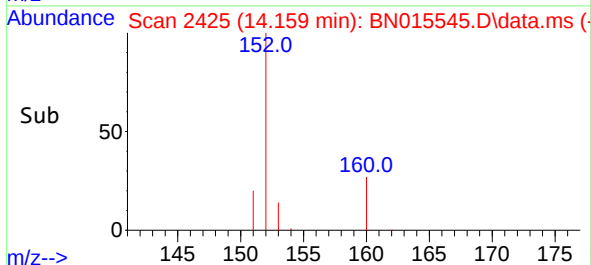
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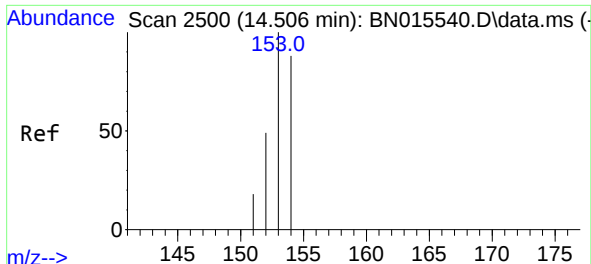


#10
Acenaphthylene
Concen: 1.286 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43



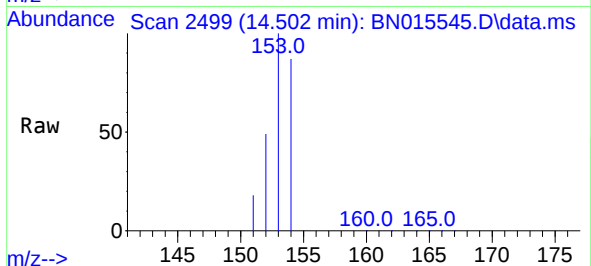
Tgt Ion:152 Resp: 35890
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 2.220 ng/ul
RT: 14.502 min Scan# 2499
Delta R.T. -0.005 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

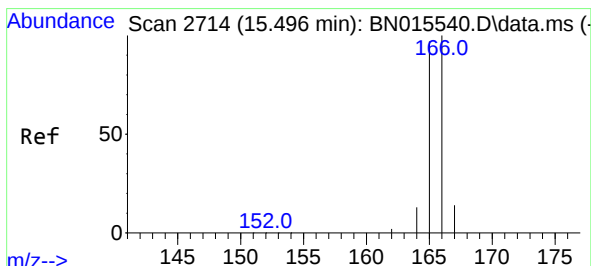
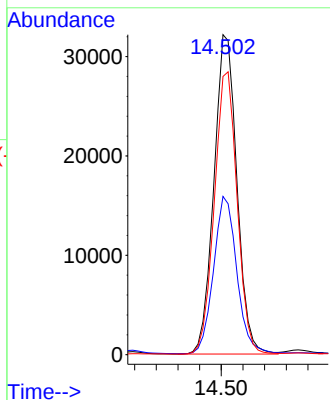
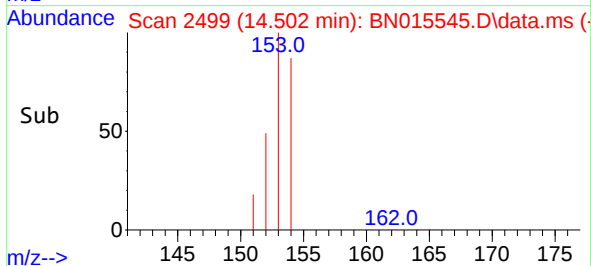
Instrument :
BNA_N
ClientSampleId :
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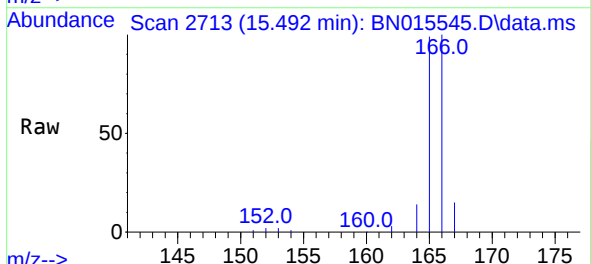
Tgt Ion:153 Resp: 47462
Ion Ratio Lower Upper
153 100
152 49.5 39.8 59.6
154 87.0 69.8 104.8

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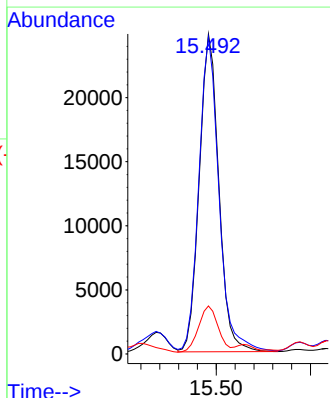
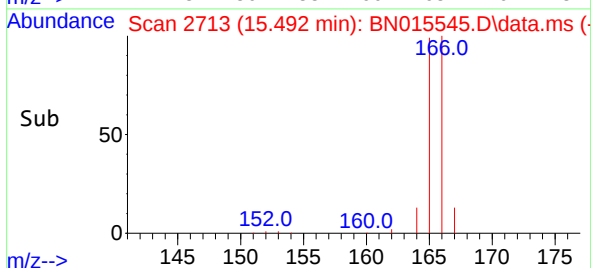
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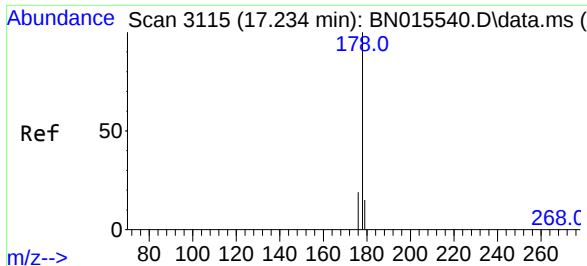


#12
Fluorene
Concen: 1.508 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43



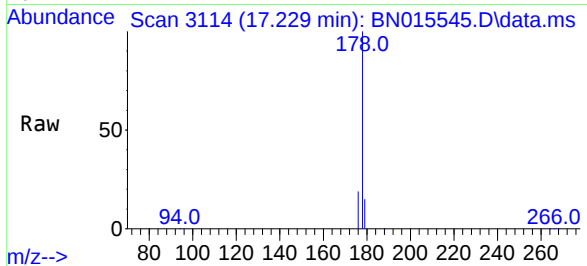
Tgt Ion:166 Resp: 35626
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 15.0 11.2 16.8





#15
Phenanthrene
Concen: 12.448 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

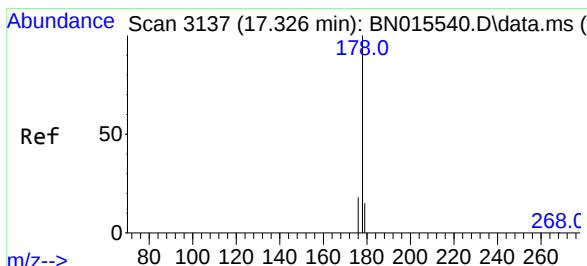
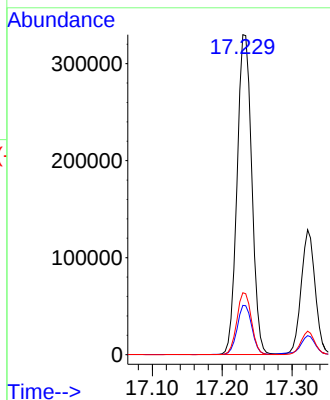
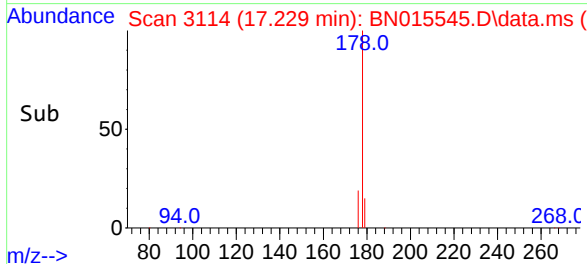
Instrument :
BNA_N
ClientSampled :
BGDX8



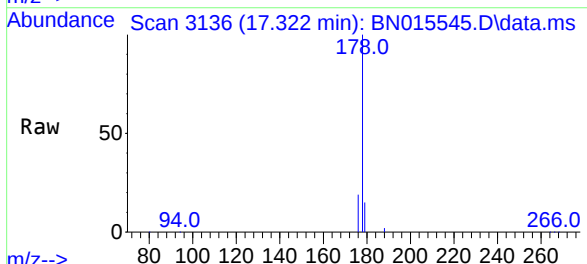
Tgt Ion:178 Resp: 480517
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.3 15.5 23.3

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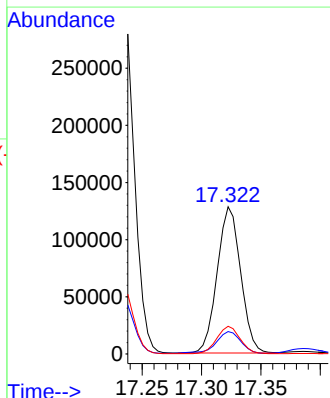
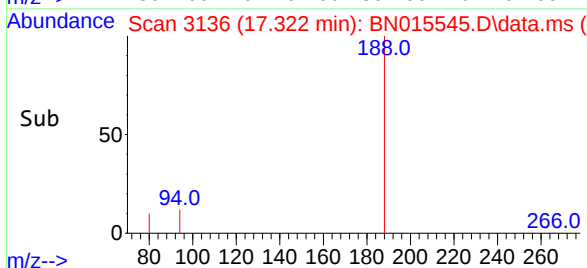
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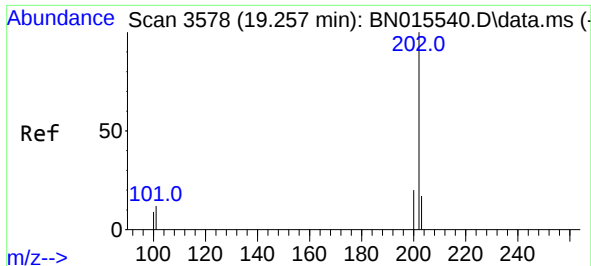


#16
Anthracene
Concen: 5.167 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43



Tgt Ion:178 Resp: 175843
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.8 15.2 22.8





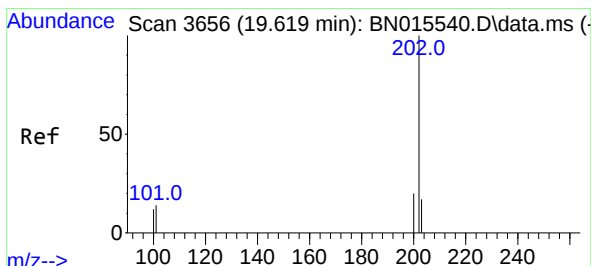
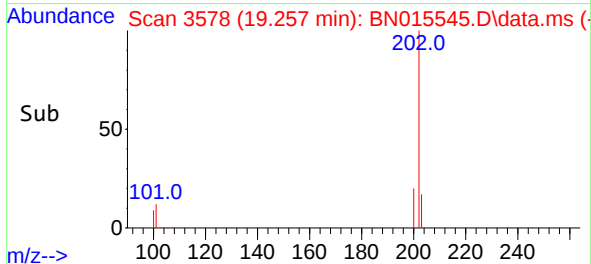
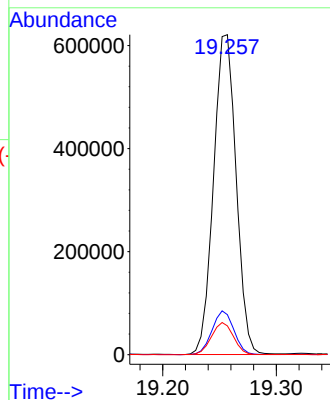
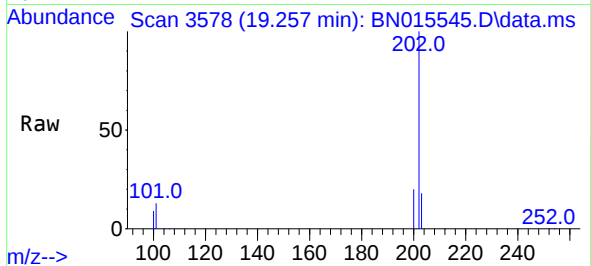
#19
Fluoranthene
Concen: 21.380 ng/u1
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:202 Resp: 857835
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.0 7.4 11.0

Instrument :
BNA_N
ClientSampleId :
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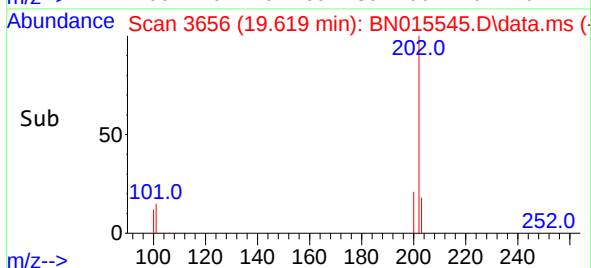
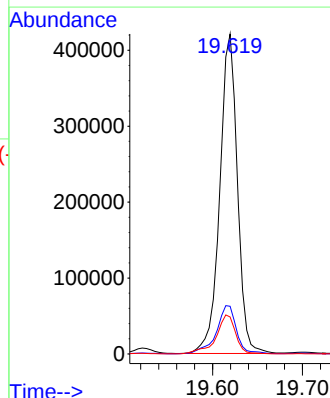
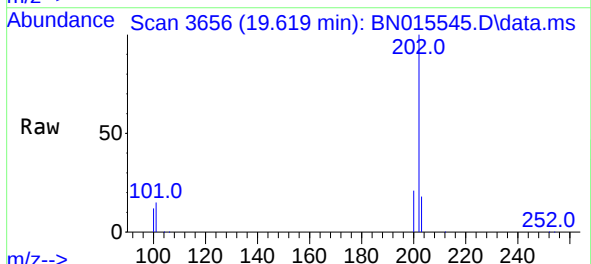
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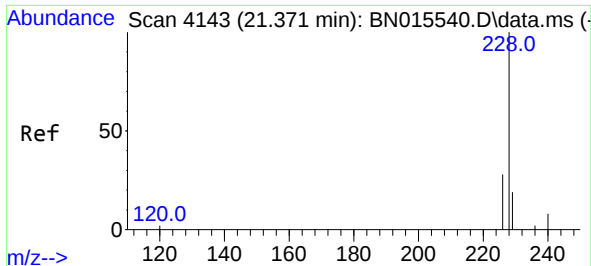
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#20
Pyrene
Concen: 14.210 ng/u1
RT: 19.619 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:202 Resp: 571819
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.6 9.6 14.4





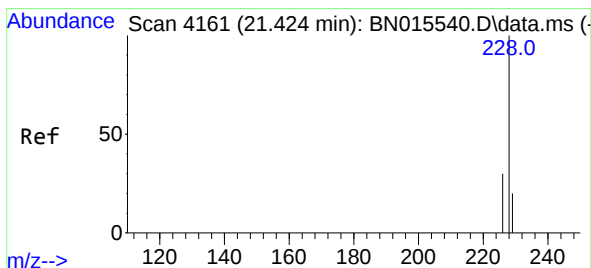
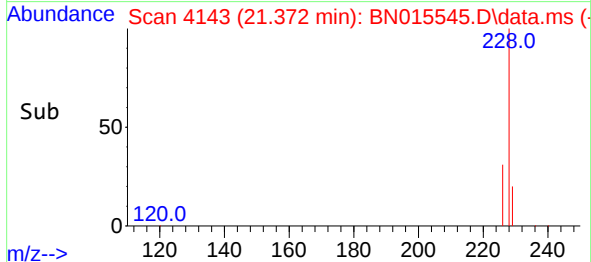
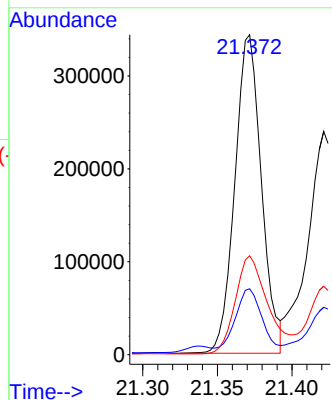
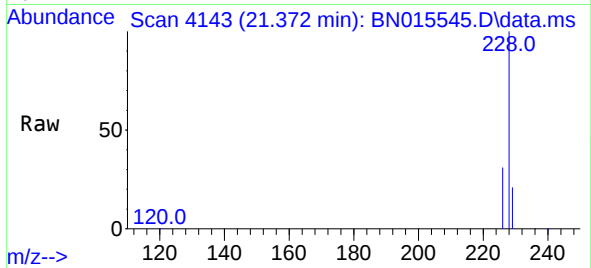
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Benzo(a)anthracene
Concen: 13.209 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:228 Resp: 424878
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 30.9 21.8 32.8

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ClientSampled :
BGDX8

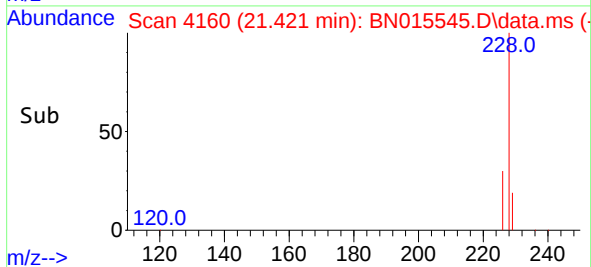
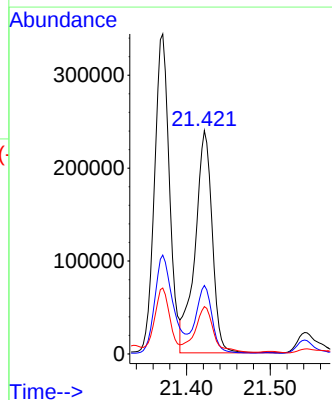
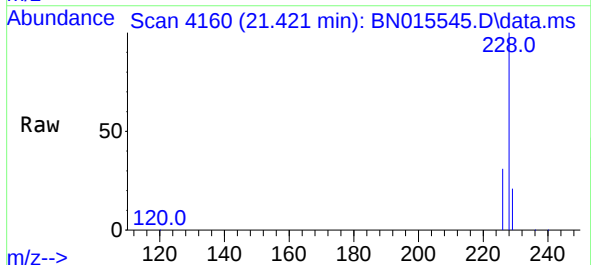
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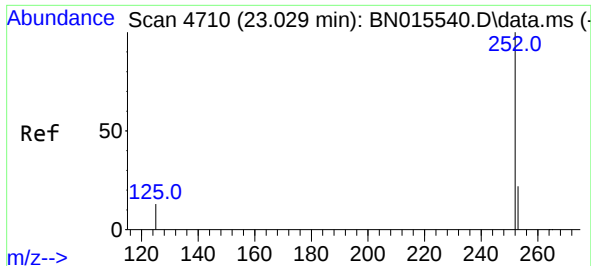
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#22
Chrysene
Concen: 8.836 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:228 Resp: 340245
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.2 15.7 23.5





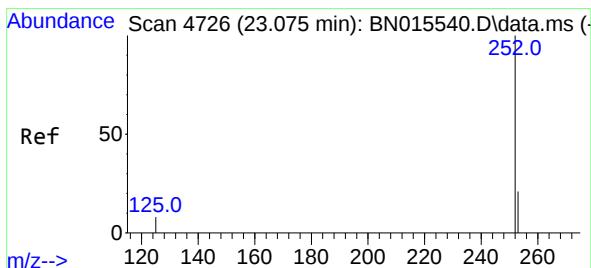
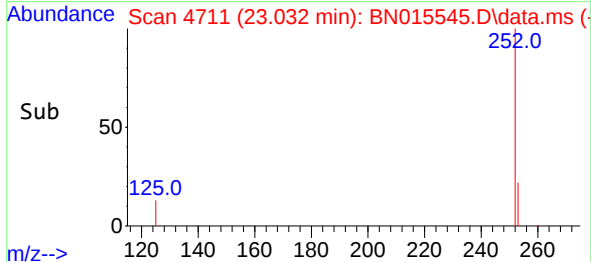
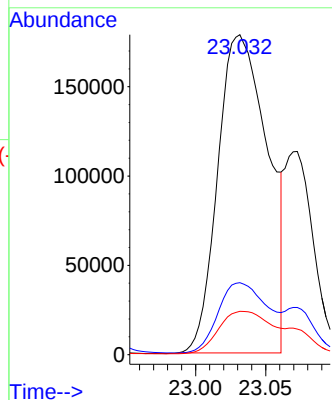
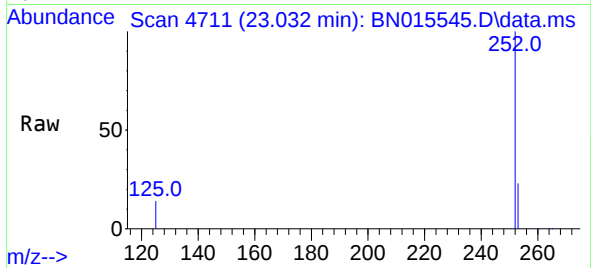
#24
Benzo(b)fluoranthene
Concen: 11.571 ng/ul m
RT: 23.032 min Scan# 4711
Delta R.T. 0.002 min
Lab File: BN015545.D
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Tgt Ion:252 Resp: 440280
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.6
125 13.6 0.0 28.4

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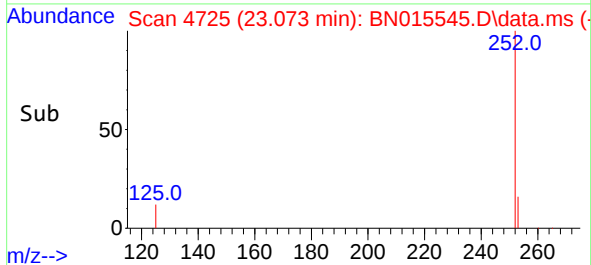
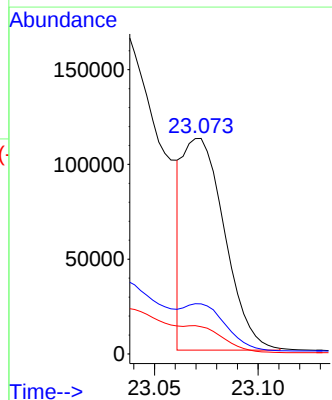
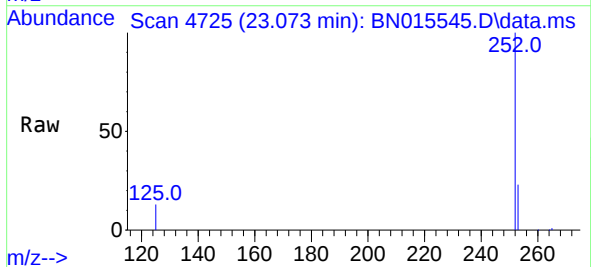
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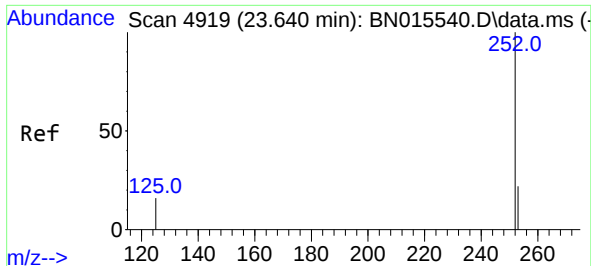
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#25
Benzo(k)fluoranthene
Concen: 3.642 ng/ul m
RT: 23.073 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

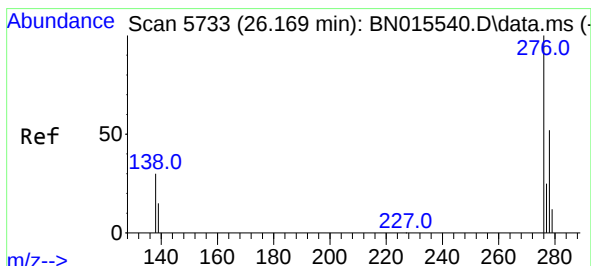
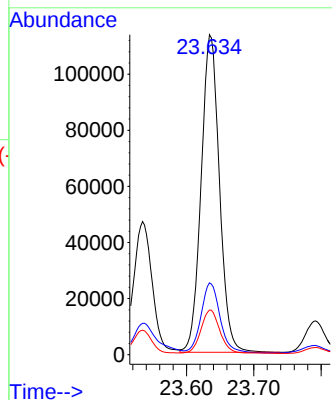
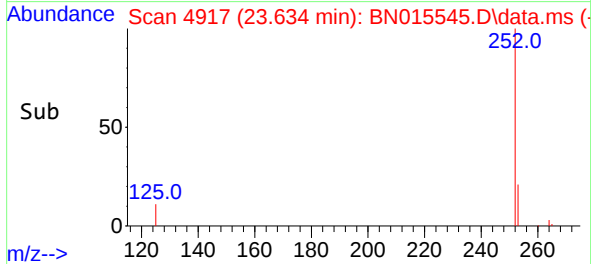
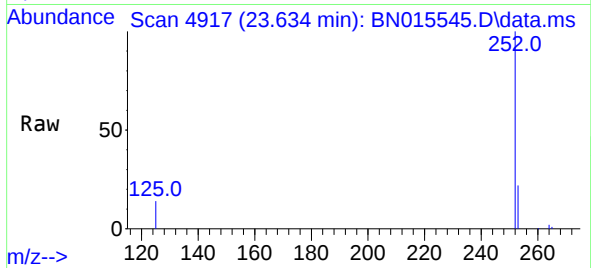
Tgt Ion:252 Resp: 156430
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 12.6 11.5 17.3





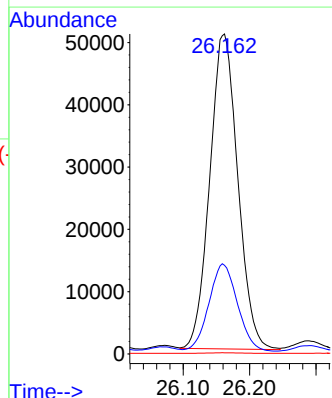
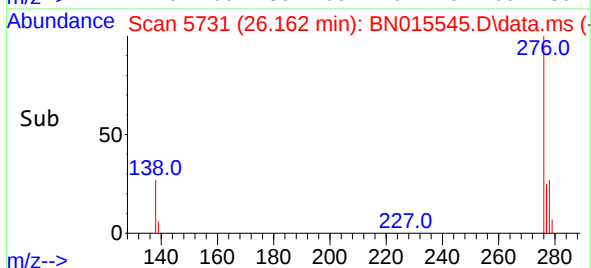
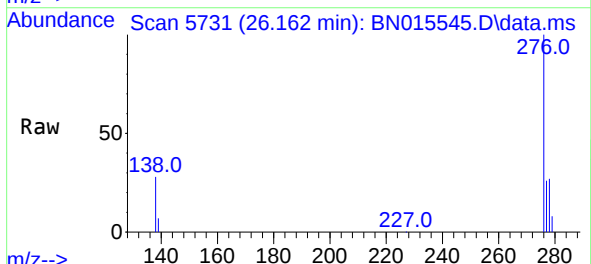
#26
Benzo(a)pyrene
Concen: 6.695 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion:	252	Resp:	213968
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.9	28.3
125	13.9	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.841 ng/ul
RT: 26.162 min Scan# 5731
Delta R.T. -0.007 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

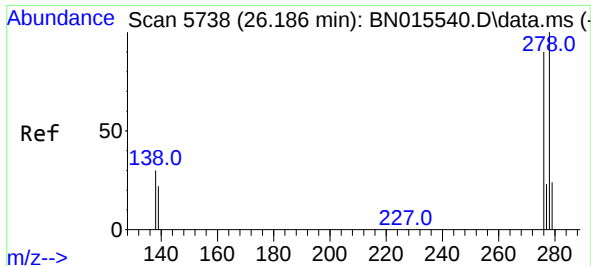
Tgt Ion:	276	Resp:	148252
Ion Ratio	Lower	Upper	
276	100		
138	28.3	26.3	39.5
227	0.2	0.1	0.1#



Instrument :
BNA_N
ClientSampleId :
BGDX8

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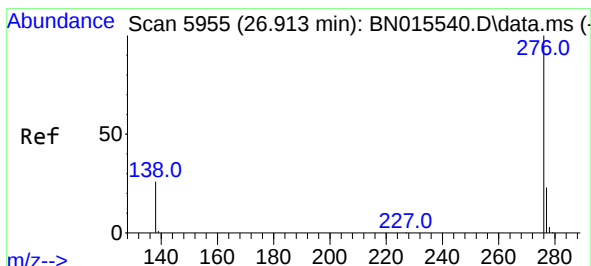
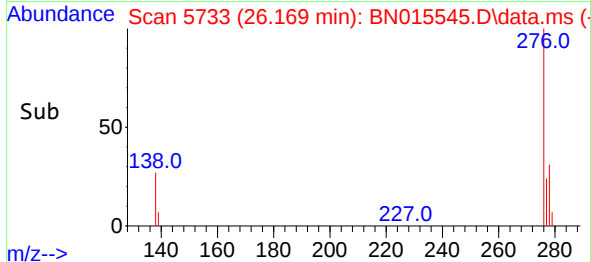
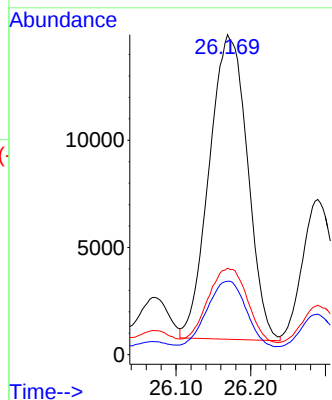
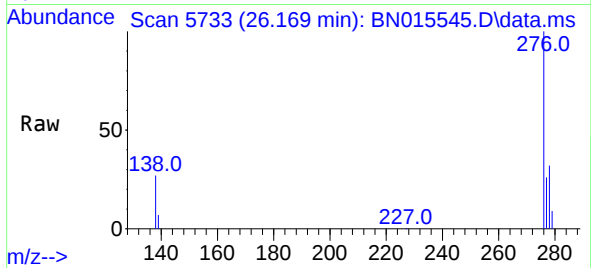
#28
Dibenzo(a,h)anthracene
Concen: 1.667 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.021 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion: 278 Resp: 50438
Ion Ratio Lower Upper
278 100
139 22.9 18.9 28.3
279 27.1 20.8 31.2

Instrument :
BNA_N
ClientSampleId :
BGDX8

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#29
Benzo(g,h,i)perylene
Concen: 0.230 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.004 min
Lab File: BN015545.D
Acq: 14 Jul 2021 01:43

Tgt Ion: 276 Resp: 8228
Ion Ratio Lower Upper
276 100
138 34.7 23.0 34.4#
277 33.3 19.3 28.9#

