

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015404.D
 Acq On : 08 Jul 2021 11:53
 Operator : CG/JU
 Sample : M2905-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBK59

Quant Time: Jul 08 12:24:56 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)

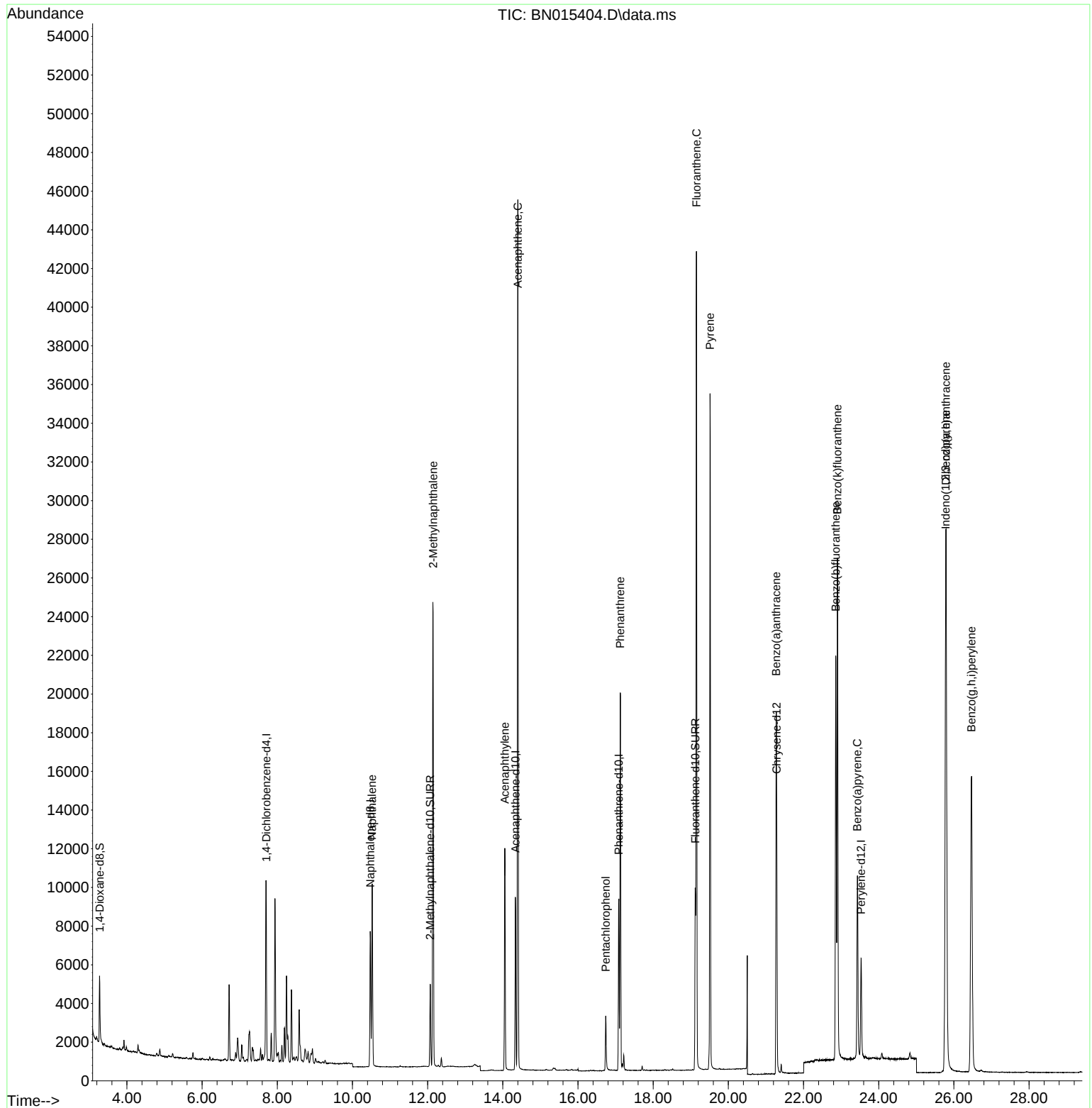
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	2862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.474	136	9352	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.335	164	4822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9976	0.400	ng/ul	0.00
17) Chrysene-d12	21.287	240	7895	0.400	ng/ul	0.00
23) Perylene-d12	23.529	264	6799	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	2310	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	5276	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	10039	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.524	128	12860	0.431	ng/ul	100
7) 2-Methylnaphthalene	12.146	142	17183	0.880	ng/ul	99
10) Acenaphthylene	14.053	152	13233	0.531	ng/ul	100
11) Acenaphthene	14.400	153	25477	1.334	ng/ul	99
14) Pentachlorophenol	16.740	266	2119	0.960	ng/ul	99
15) Phenanthrene	17.124	178	21025	0.581	ng/ul	100
19) Fluoranthene	19.150	202	35885	0.984	ng/ul	100
20) Pyrene	19.513	202	28421	0.777	ng/ul	98
21) Benzo(a)anthracene	21.273	228	15370	0.526	ng/ul	99
24) Benzo(b)fluoranthene	22.857	252	25769	0.811	ng/ul	99
25) Benzo(k)fluoranthene	22.903	252	32311	0.901	ng/ul	98
26) Benzo(a)pyrene	23.433	252	13879	0.520	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.780	276	28142	0.873	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.790	278	27847	1.102	ng/ul	97
29) Benzo(g,h,i)perylene	26.468	276	30331	1.016	ng/ul	100

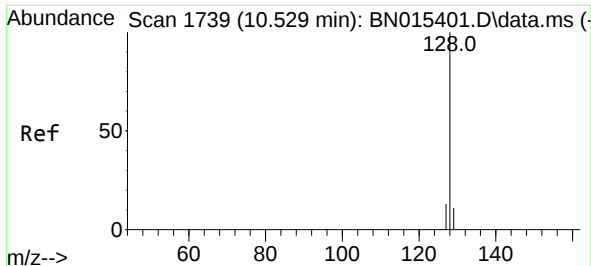
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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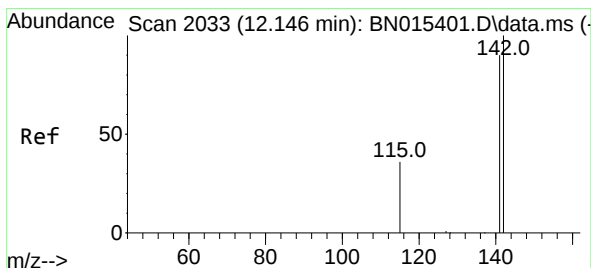
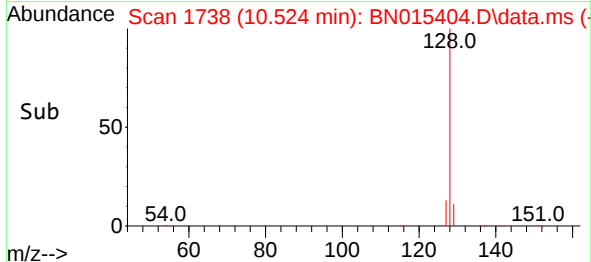
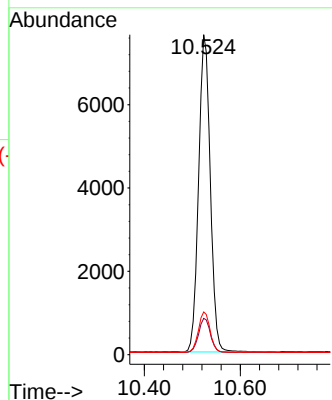
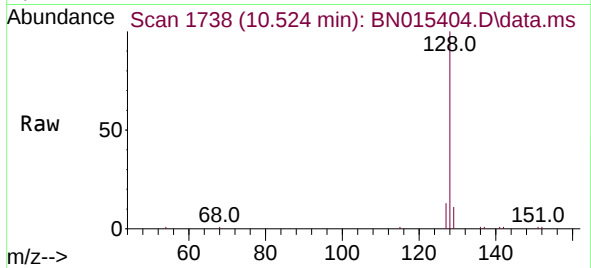




#5
Naphthalene
Concen: 0.431 ng/ul
RT: 10.524 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

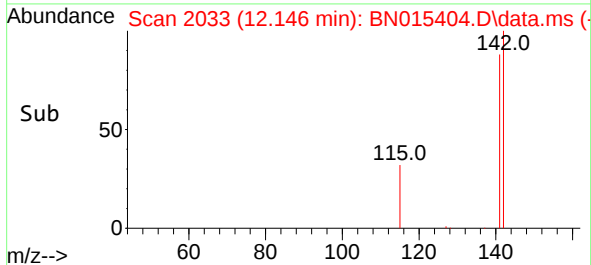
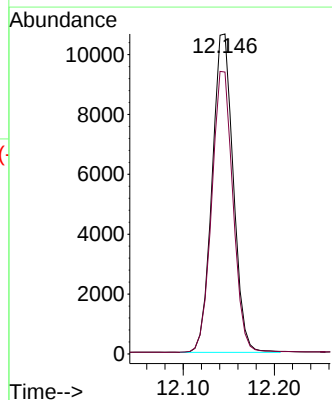
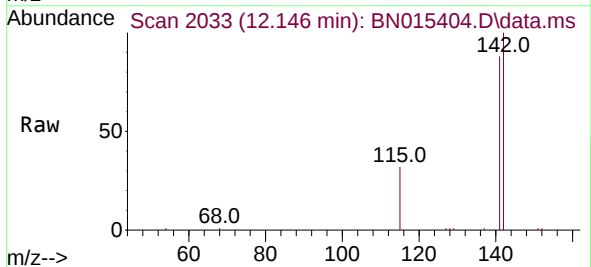
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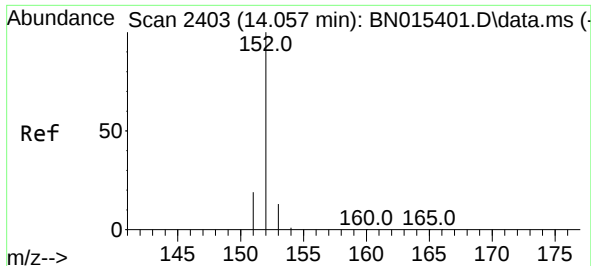
Tgt Ion:	128	Resp:	12860
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	13.3	10.8	16.2



#7
2-Methylnaphthalene
Concen: 0.880 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:	142	Resp:	17183
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5

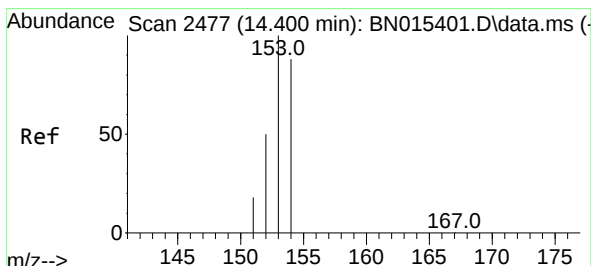
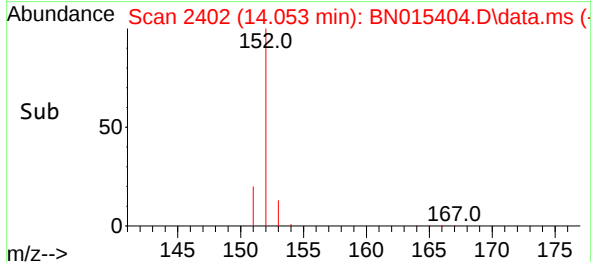
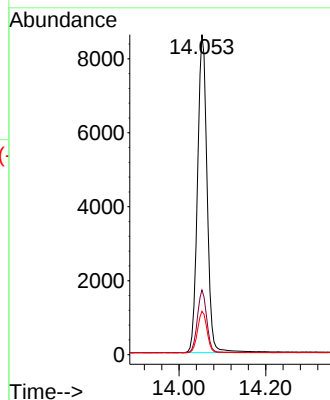
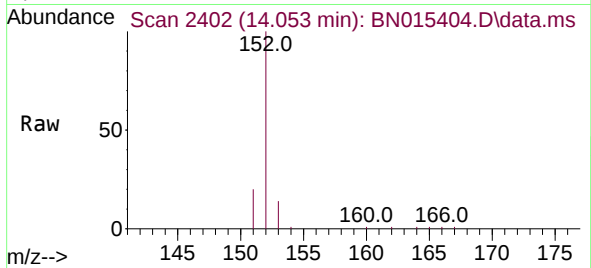




#10
Acenaphthylene
Concen: 0.531 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

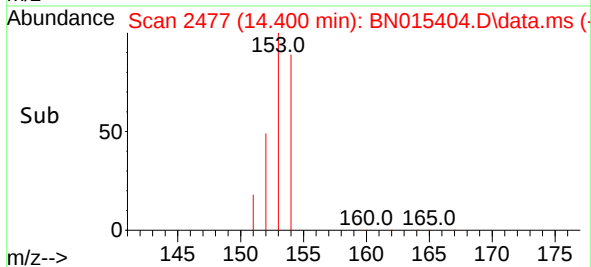
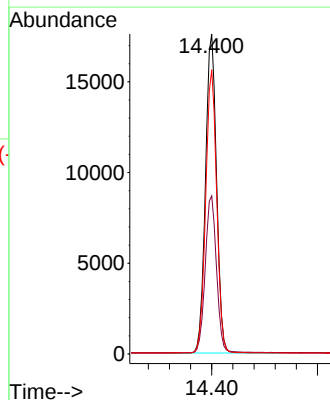
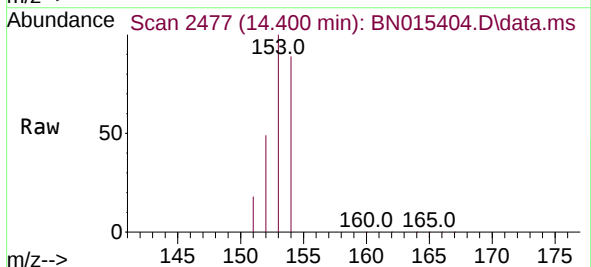
Instrument :
BNA_N
ClientSampleId :
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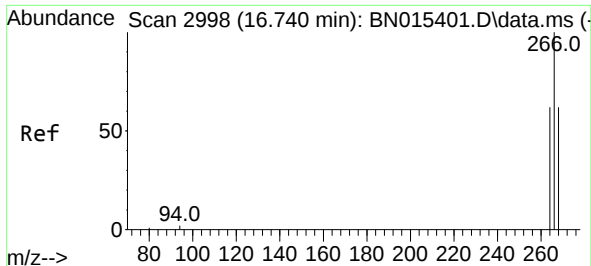
Tgt Ion:152 Resp: 13233
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 1.334 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:153 Resp: 25477
Ion Ratio Lower Upper
153 100
152 49.4 39.8 59.6
154 88.8 69.8 104.8

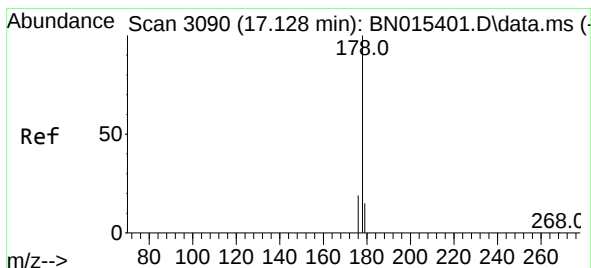
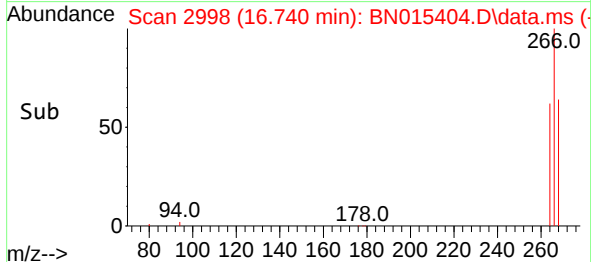
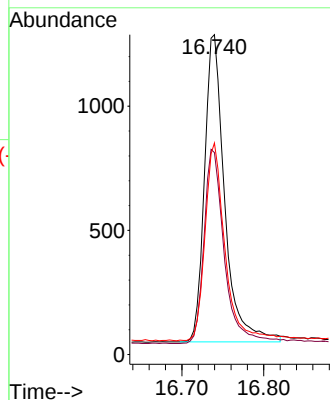
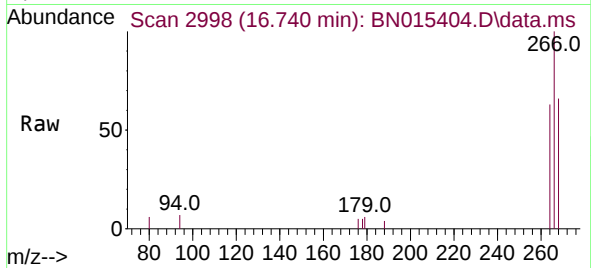




#14
Pentachlorophenol
Concen: 0.960 ng/ul
RT: 16.740 min Scan# 2998
Delta R.T. 0.000 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

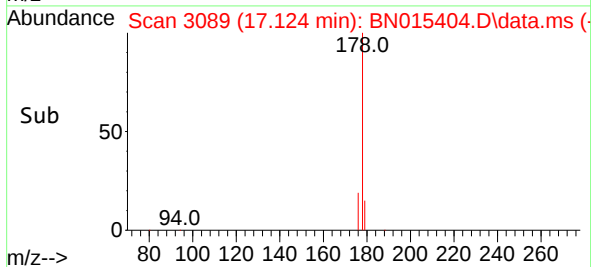
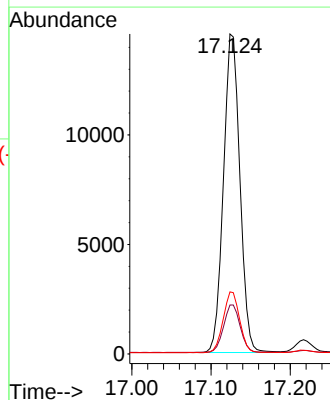
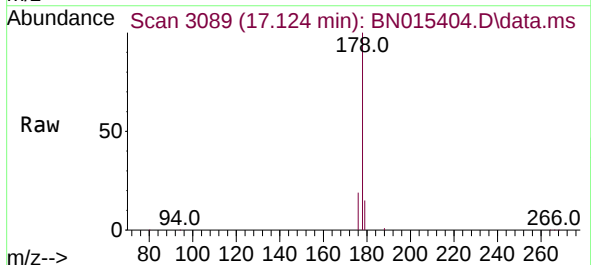
Instrument :
BNA_N
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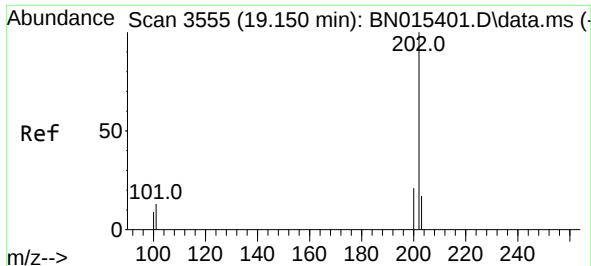
Tgt Ion:	266	Resp:	2119
Ion Ratio	Lower	Upper	
266	100		
264	63.6	50.2	75.2
268	63.9	51.8	77.6



#15
Phenanthrene
Concen: 0.581 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:	178	Resp:	21025
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.4	15.5	23.3

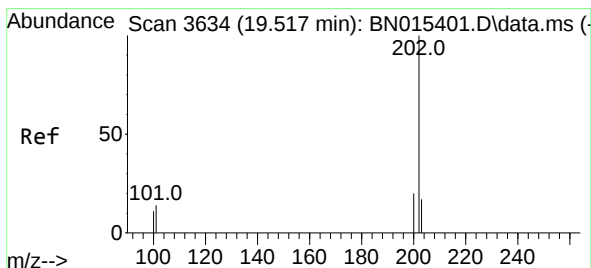
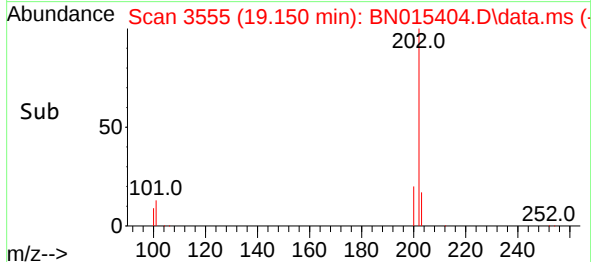
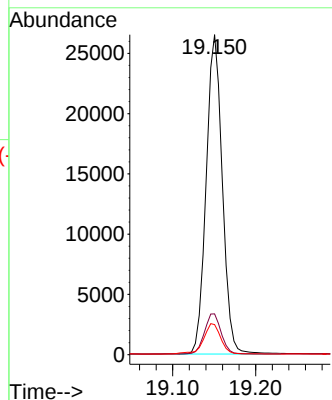
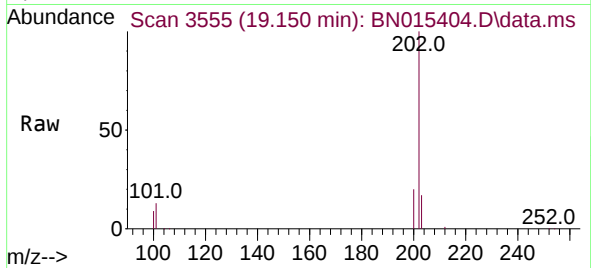




#19
Fluoranthene
Concen: 0.984 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

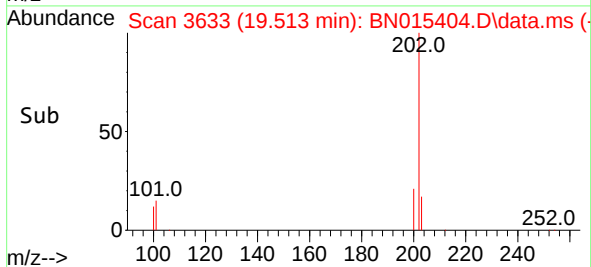
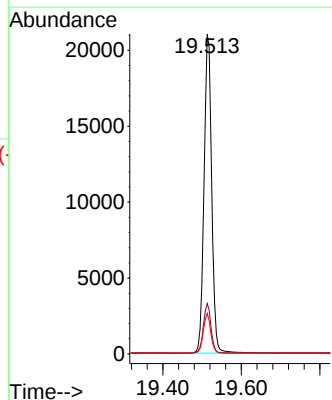
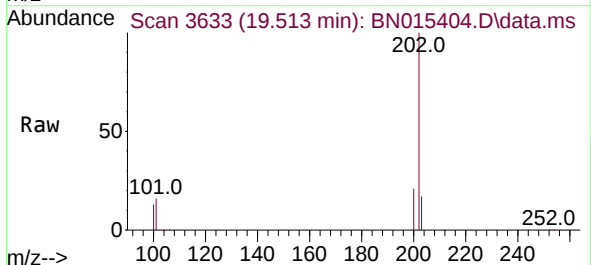
Instrument :
BNA_N
ClientSampleId :
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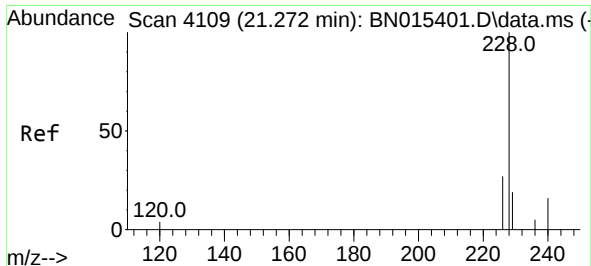
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.4	7.4	11.0



#20
Pyrene
Concen: 0.777 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.7	9.6	14.4

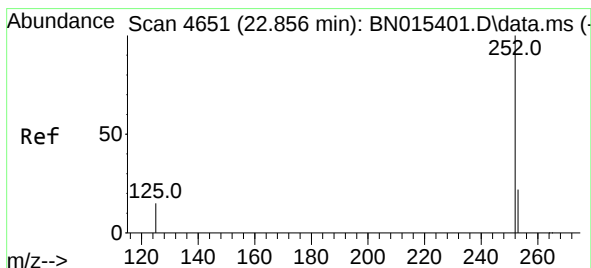
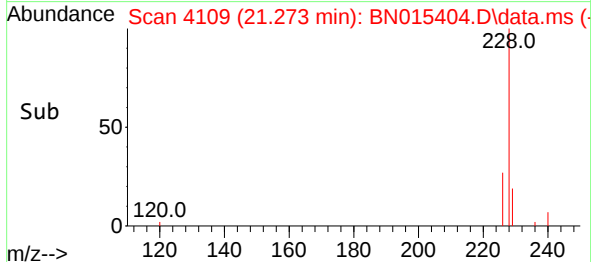
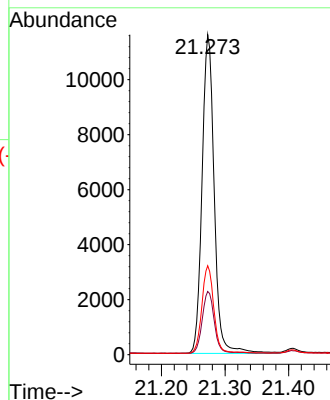
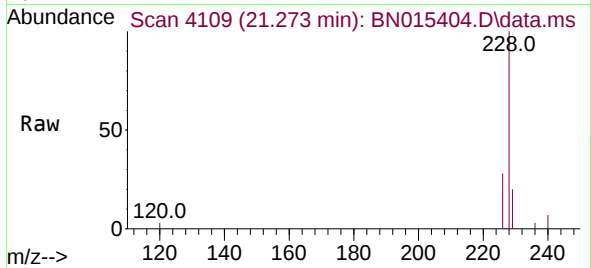




#21
Benzo(a)anthracene
Concen: 0.526 ng/ul
RT: 21.273 min Scan# 4109
Delta R.T. 0.001 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

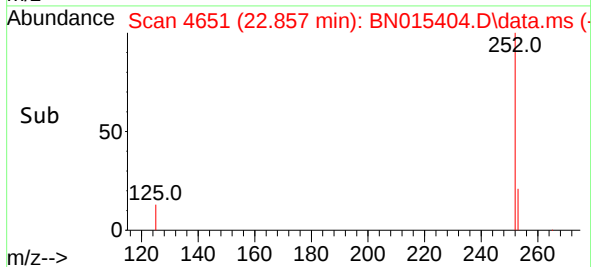
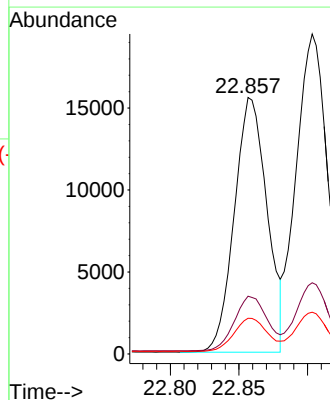
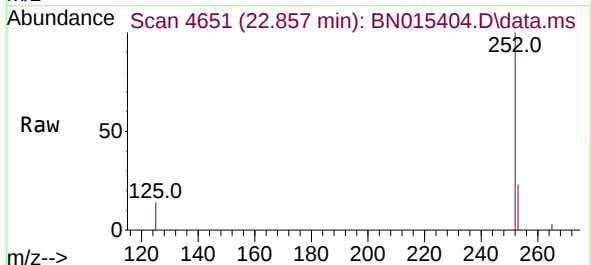
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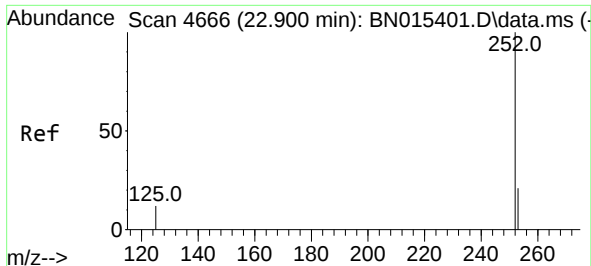
Tgt Ion:	228	Resp:	15370
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.8	23.8
226	27.8	21.8	32.8



#24
Benzo(b)fluoranthene
Concen: 0.811 ng/ul
RT: 22.857 min Scan# 4651
Delta R.T. 0.001 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:	252	Resp:	25769
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	45.6
125	13.9	0.0	28.4

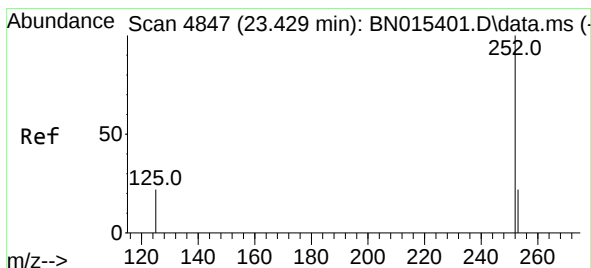
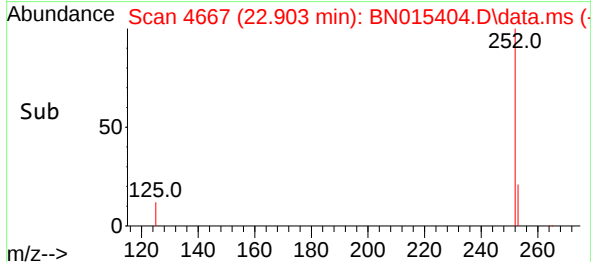
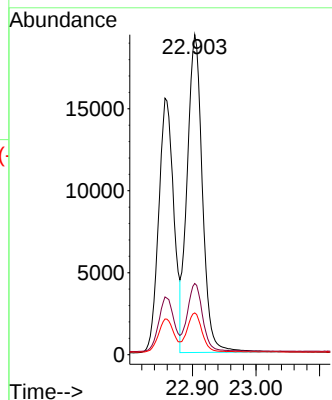
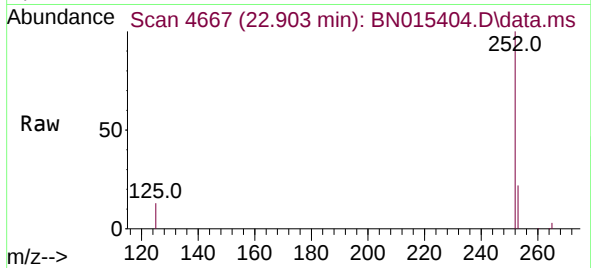




#25
Benzo(k)fluoranthene
Concen: 0.901 ng/ul
RT: 22.903 min Scan# 4667
Delta R.T. 0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

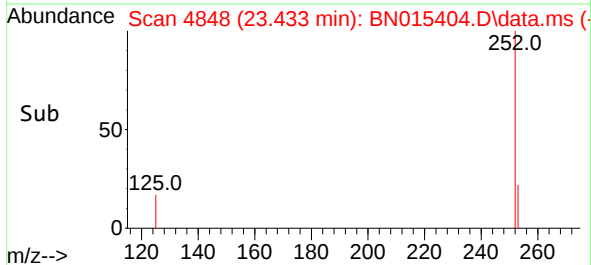
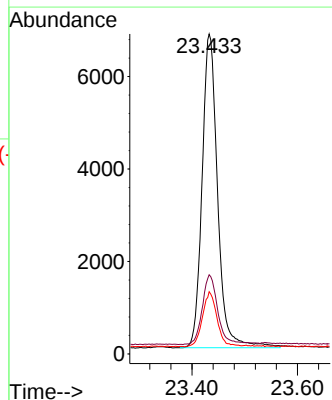
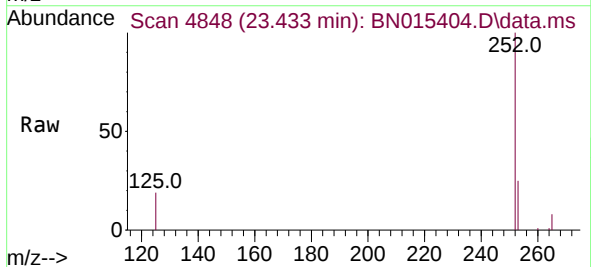
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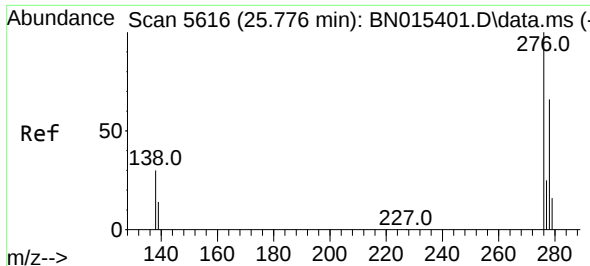
Tgt Ion:252 Resp: 32311
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.0 11.5 17.3



#26
Benzo(a)pyrene
Concen: 0.520 ng/ul
RT: 23.433 min Scan# 4848
Delta R.T. 0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:252 Resp: 13879
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 19.4 13.5 20.3

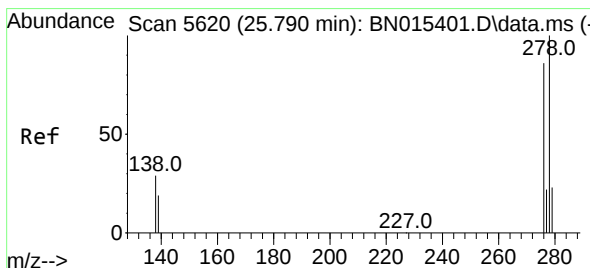
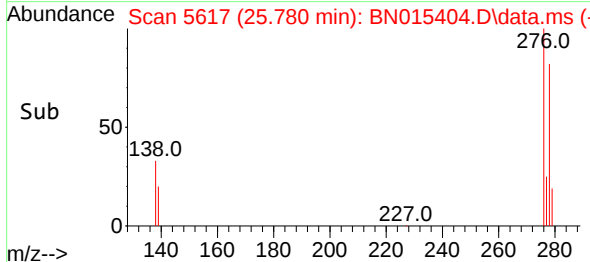
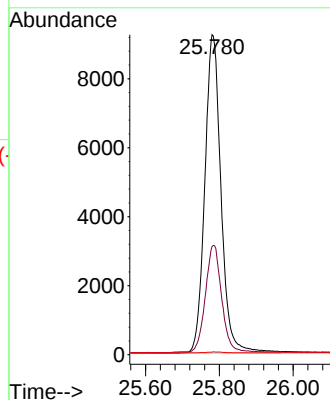
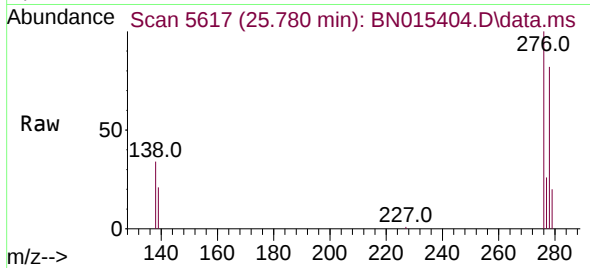




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.873 ng/ul
RT: 25.780 min Scan# 5617
Delta R.T. 0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

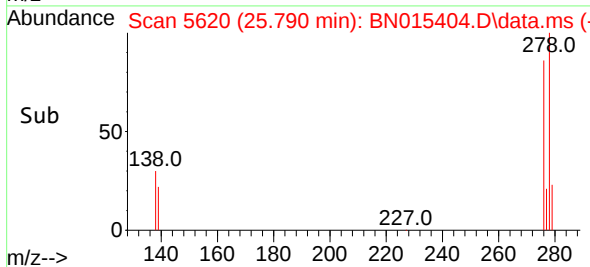
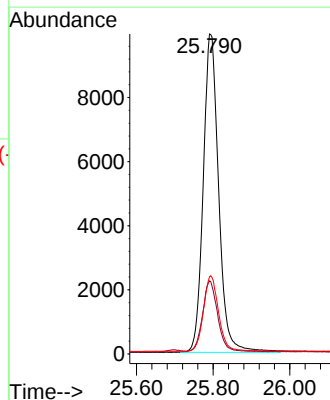
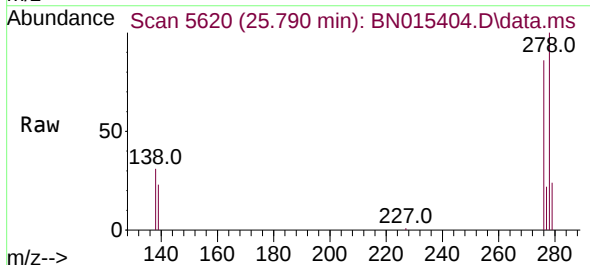
Instrument :
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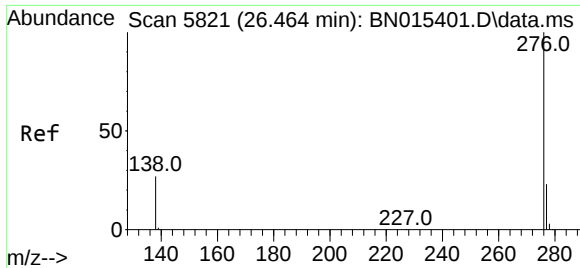
Tgt Ion:276 Resp: 28142
Ion Ratio Lower Upper
276 100
138 33.5 26.3 39.5
227 0.3 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.102 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. 0.001 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Tgt Ion:278 Resp: 27847
Ion Ratio Lower Upper
278 100
139 22.8 18.9 28.3
279 24.1 20.8 31.2





#29
Benzo(g,h,i)perylene
Concen: 1.016 ng/ul
RT: 26.468 min Scan# 5822
Delta R.T. 0.004 min
Lab File: BN015404.D
Acq: 08 Jul 2021 11:53

Instrument :
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Tgt Ion:276 Resp: 30331
Ion Ratio Lower Upper
276 100
138 28.3 23.0 34.4
277 24.1 19.3 28.9

