

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020331.D
 Acq On : 22 Jun 2022 05:52
 Operator : CG/JU
 Sample : N3359-09MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MSD

Quant Time: Jun 22 06:36:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

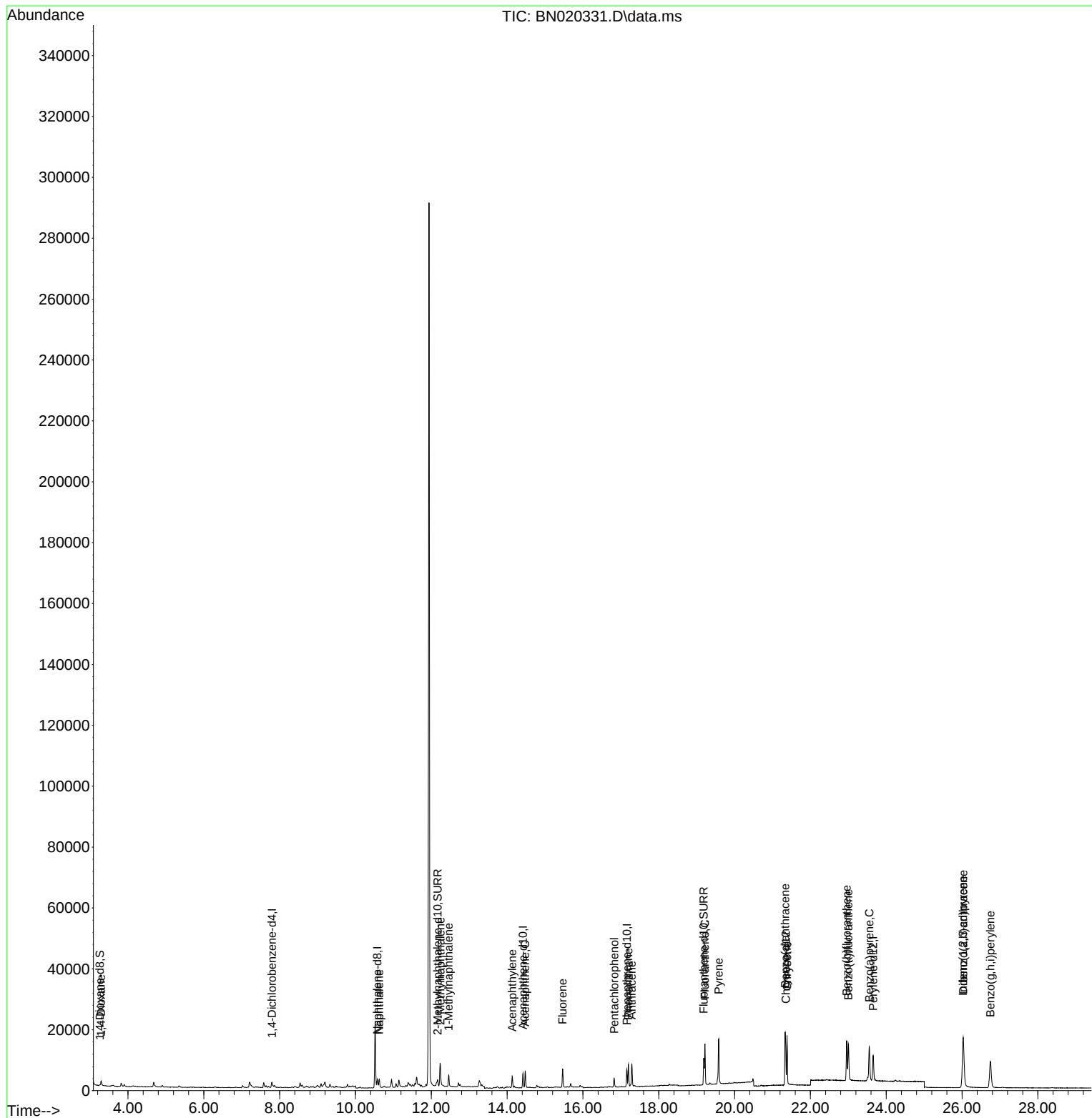
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	4540	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	2914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.157	188	6913	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.350	240	9853	0.400	ng/ul	0.00
23) Perylene-d12	23.656	264	11419	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	249	0.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	2061	0.275	ng/ul	-0.01
18) Fluoranthene-d10	19.186	212	9801	0.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	808	0.742	ng/ul#	37
5) Naphthalene	10.627	128	3962	0.273	ng/ul	99
7) 2-Methylnaphthalene	12.244	142	2498	0.266	ng/ul	99
8) 1-Methylnaphthalene	12.458	142	2652	0.287	ng/ul	98
10) Acenaphthylene	14.135	152	4815	0.345	ng/ul	99
11) Acenaphthene	14.477	153	3630	0.272	ng/ul	99
12) Fluorene	15.463	166	4181	0.303	ng/ul	99
14) Pentachlorophenol	16.823	266	2046	1.541	ng/ul	97
15) Phenanthrene	17.199	178	8297	0.332	ng/ul	97
16) Anthracene	17.287	178	8928	0.422	ng/ul	98
19) Fluoranthene	19.219	202	11996	0.302	ng/ul	97
20) Pyrene	19.581	202	12969	0.301	ng/ul	99
21) Benzo(a)anthracene	21.333	228	13833	0.362	ng/ul	96
22) Chrysene	21.382	228	14105	0.296	ng/ul	97
24) Benzo(b)fluoranthene	22.957	252	17142	0.210	ng/ul	94
25) Benzo(k)fluoranthene	23.001	252	16331	0.215	ng/ul	95
26) Benzo(a)pyrene	23.554	252	16956	0.328	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.024	276	21445	0.255	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.034	278	17501	0.261	ng/ul	97
29) Benzo(g,h,i)perylene	26.748	276	18997	0.256	ng/ul	99

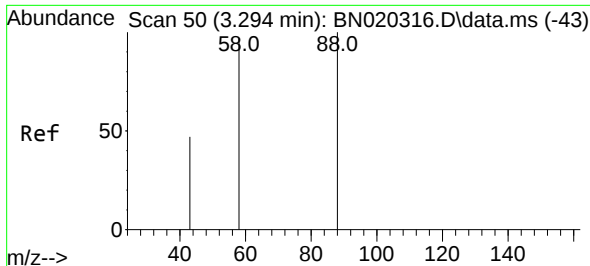
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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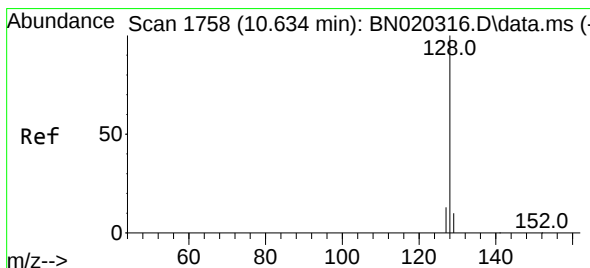
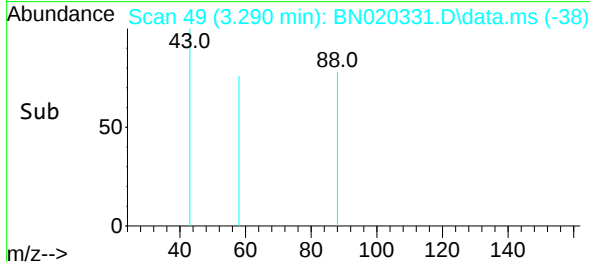
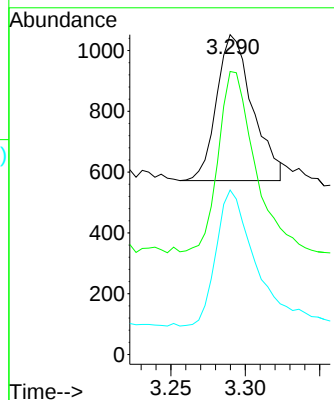
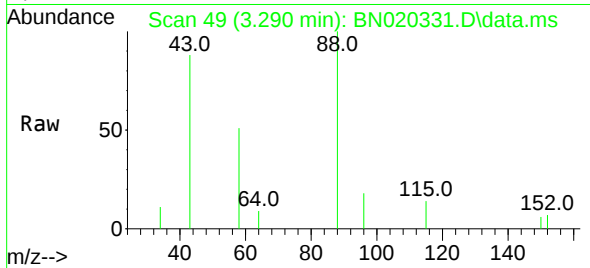




#2
 1,4-Dioxane
 Concen: 0.742 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020331.D
 Acq: 22 Jun 2022 05:52

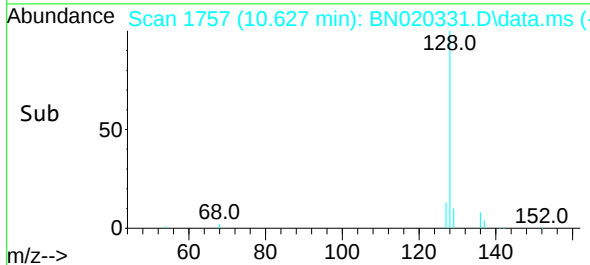
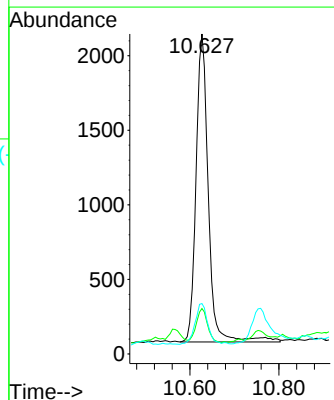
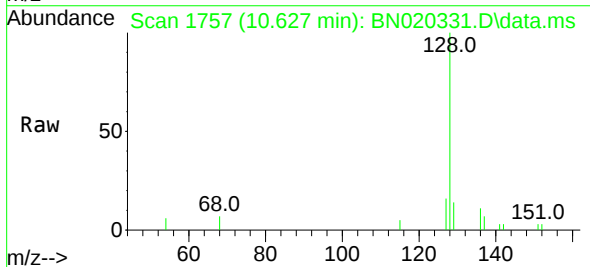
Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MSD

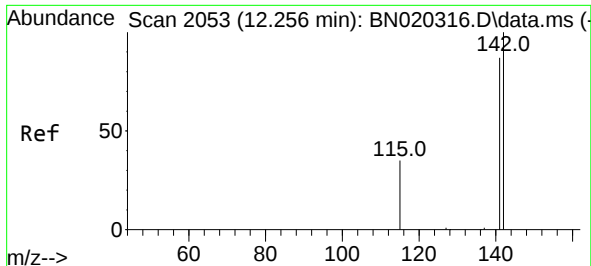
Tgt Ion: 88 Resp: 808
 Ion Ratio Lower Upper
 88 100
 43 88.5 31.6 47.4#
 58 51.4 23.8 35.6#



#5
 Naphthalene
 Concen: 0.273 ng/ul
 RT: 10.627 min Scan# 1757
 Delta R.T. -0.007 min
 Lab File: BN020331.D
 Acq: 22 Jun 2022 05:52

Tgt Ion: 128 Resp: 3962
 Ion Ratio Lower Upper
 128 100
 129 14.2 11.0 16.4
 127 15.8 12.8 19.2

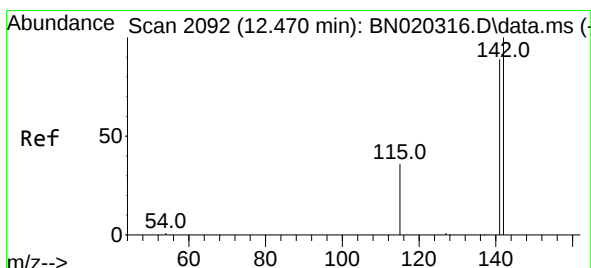
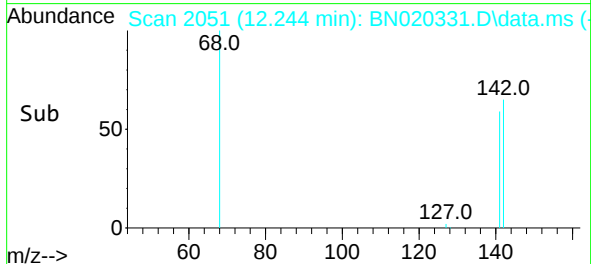
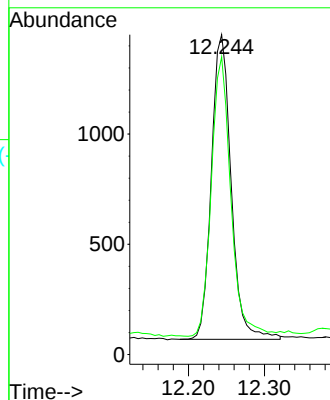
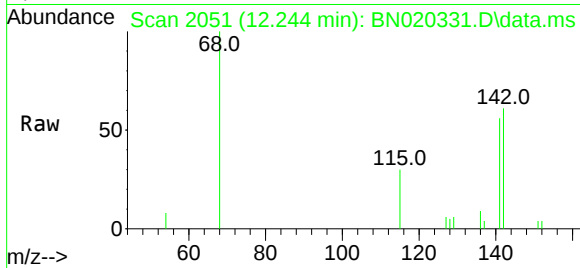




#7
2-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.007 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

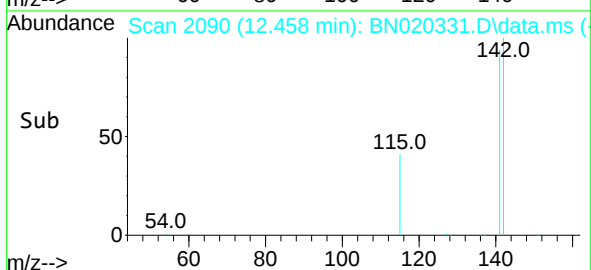
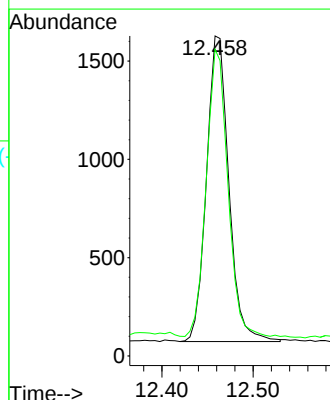
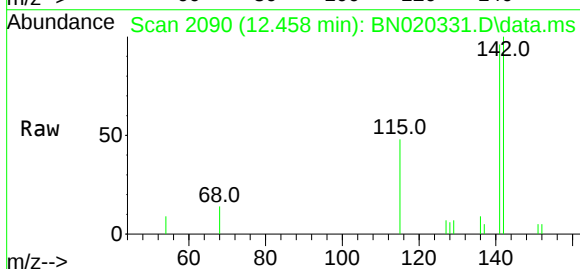
Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

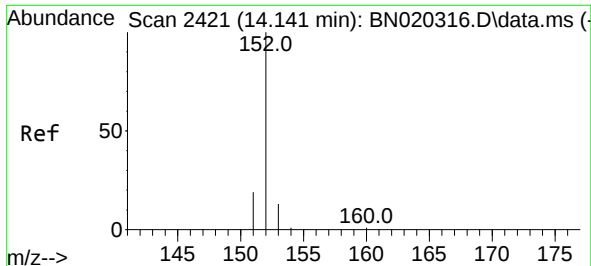
Tgt Ion:142 Resp: 2498
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.458 min Scan# 2090
Delta R.T. -0.007 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:142 Resp: 2652
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.0

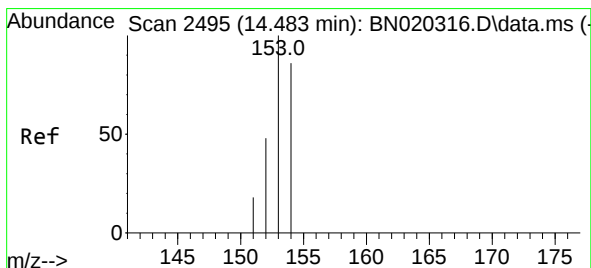
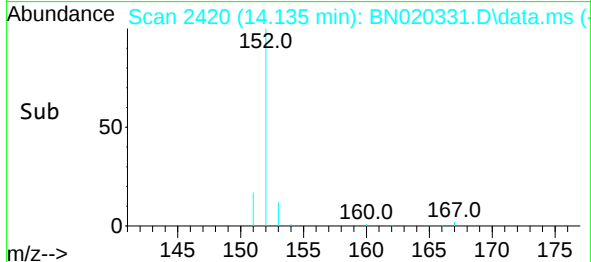
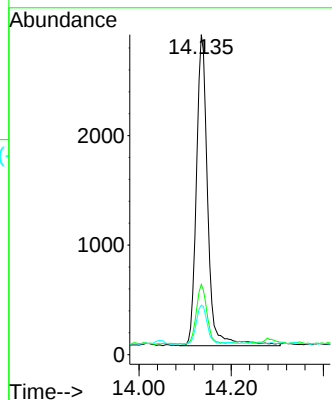
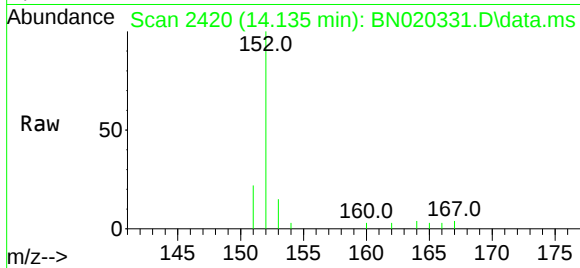




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.135 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

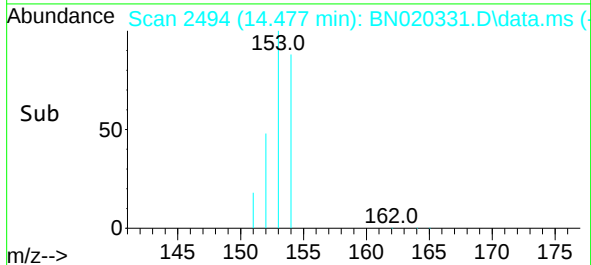
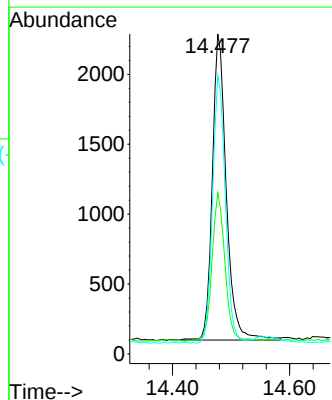
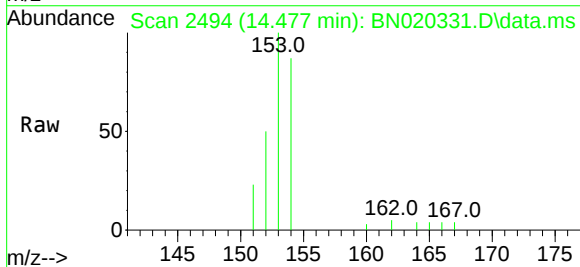
Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

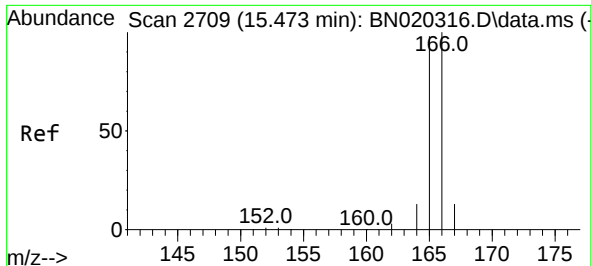
Tgt Ion:152 Resp: 4815
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 15.5 11.7 17.5



#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.477 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:153 Resp: 3630
Ion Ratio Lower Upper
153 100
152 50.4 39.9 59.9
154 86.9 69.2 103.8

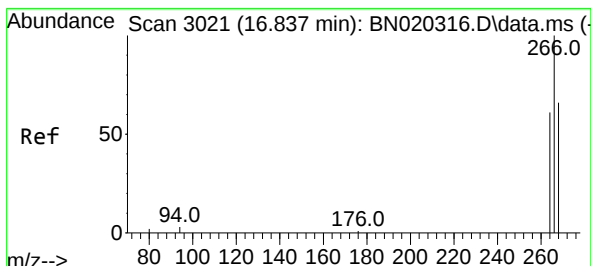
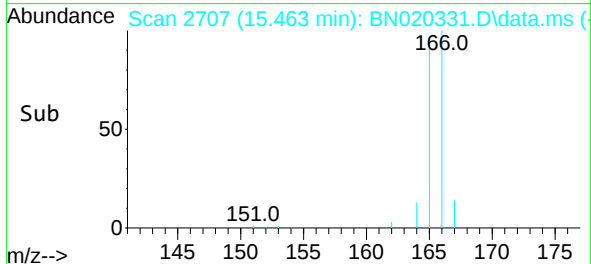
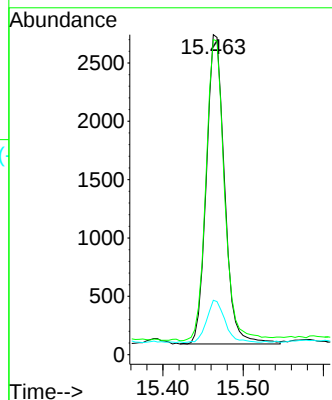
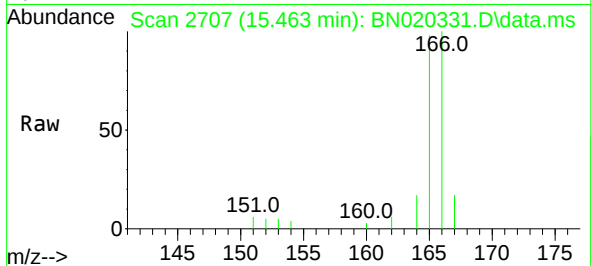




#12
 Fluorene
 Concen: 0.303 ng/ul
 RT: 15.463 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN020331.D
 Acq: 22 Jun 2022 05:52

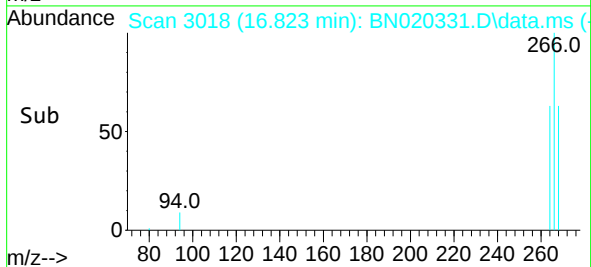
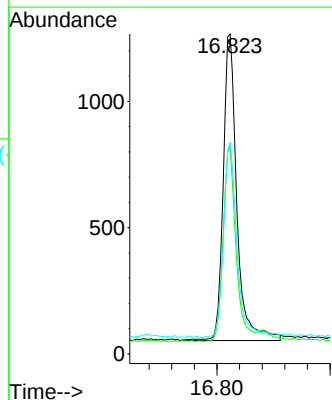
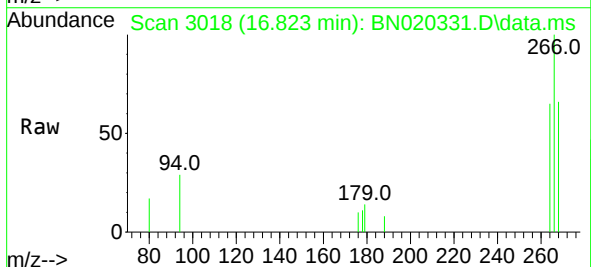
Instrument :
 BNA_N
 ClientSampleId :
 EW4R7MSD

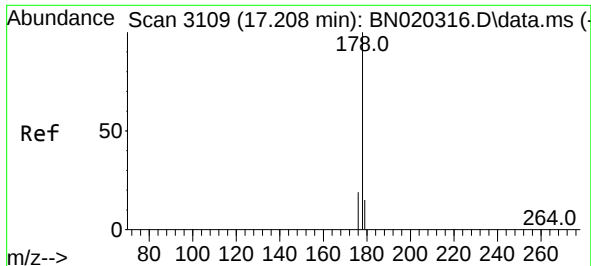
Tgt Ion:166 Resp: 4181
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.2 117.4
 167 17.0 12.1 18.1



#14
 Pentachlorophenol
 Concen: 1.541 ng/ul
 RT: 16.823 min Scan# 3018
 Delta R.T. -0.014 min
 Lab File: BN020331.D
 Acq: 22 Jun 2022 05:52

Tgt Ion:266 Resp: 2046
 Ion Ratio Lower Upper
 266 100
 264 60.1 49.8 74.8
 268 62.8 51.8 77.6

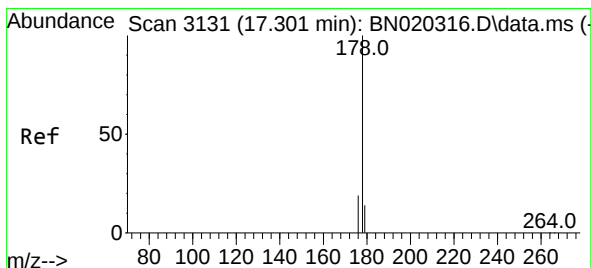
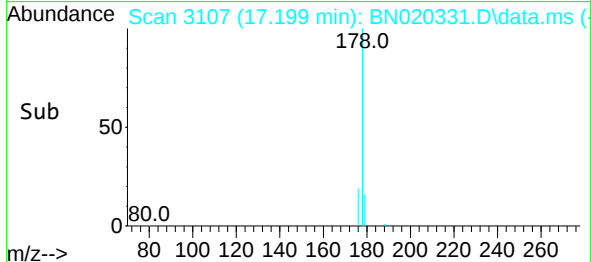
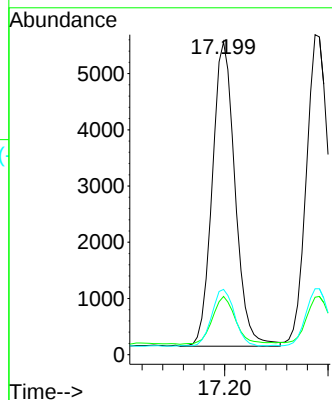
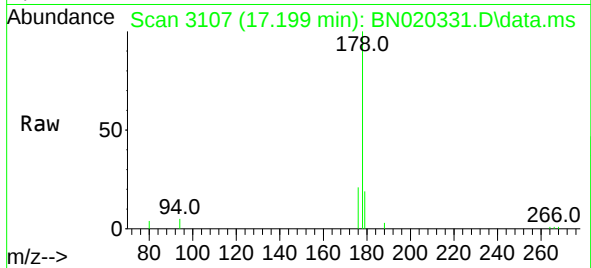




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

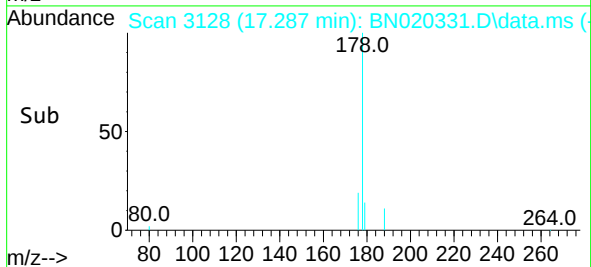
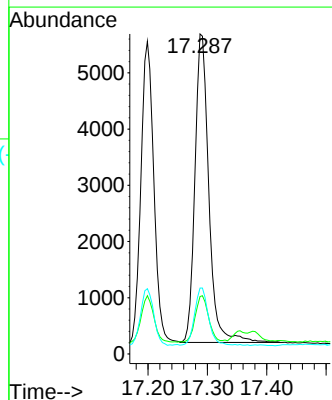
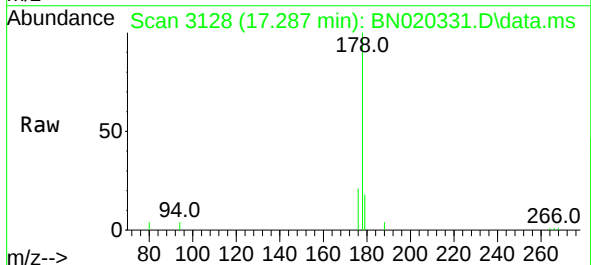
Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

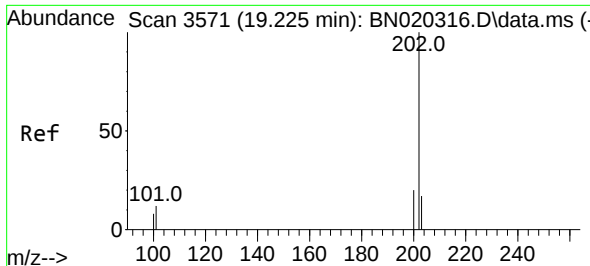
Tgt Ion:178 Resp: 8297
Ion Ratio Lower Upper
178 100
179 18.6 13.4 20.0
176 20.9 15.8 23.6



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.287 min Scan# 3128
Delta R.T. -0.014 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:178 Resp: 8928
Ion Ratio Lower Upper
178 100
179 17.9 13.8 20.8
176 20.6 15.6 23.4

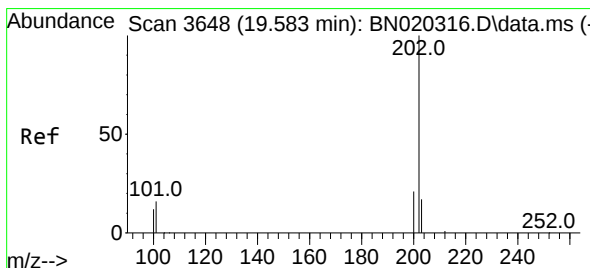
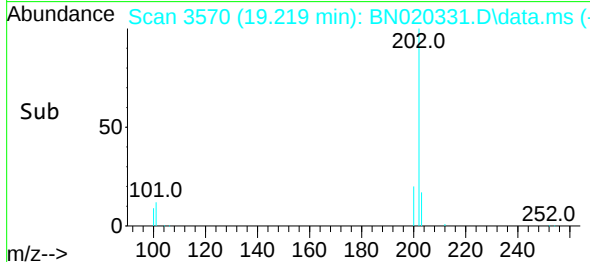
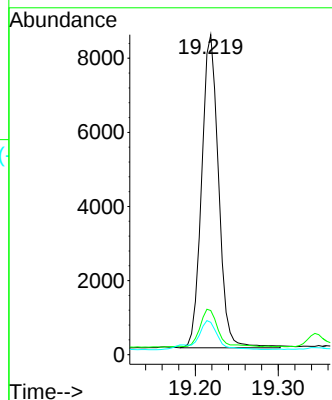
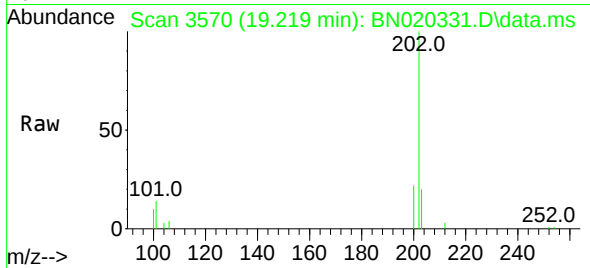




#19
Fluoranthene
Concen: 0.302 ng/u1
RT: 19.219 min Scan# 3570
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

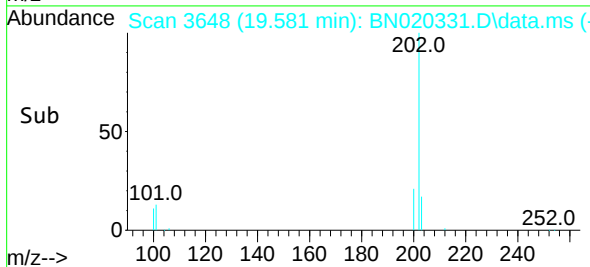
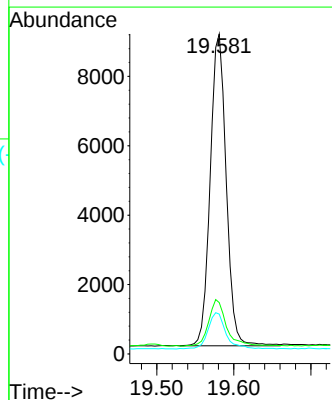
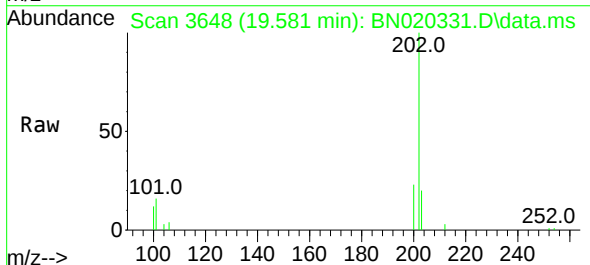
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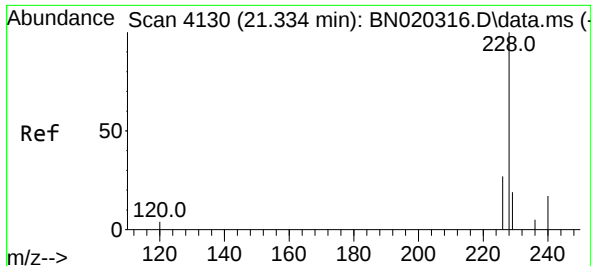
Tgt Ion:202 Resp: 11996
Ion Ratio Lower Upper
202 100
101 13.8 9.9 14.9
100 10.1 7.6 11.4



#20
Pyrene
Concen: 0.301 ng/u1
RT: 19.581 min Scan# 3648
Delta R.T. -0.002 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:202 Resp: 12969
Ion Ratio Lower Upper
202 100
101 16.1 12.6 19.0
100 12.5 10.3 15.5

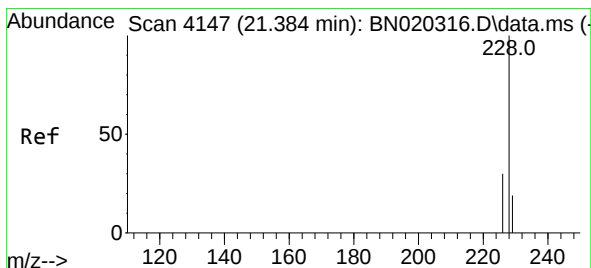
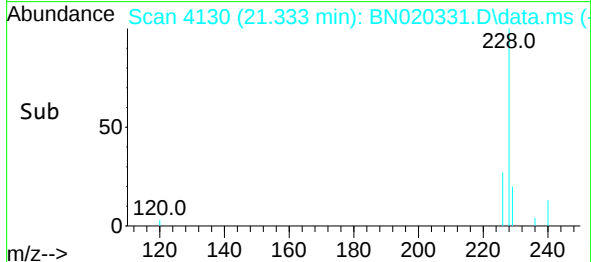
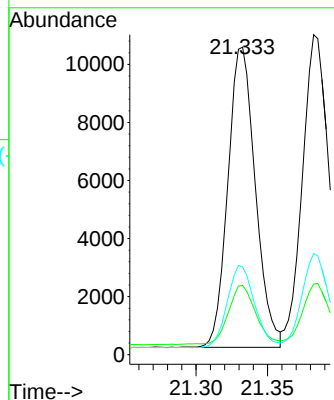
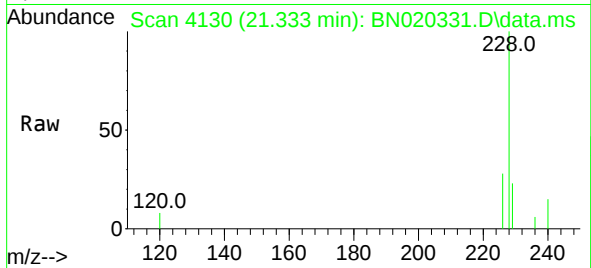




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.333 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

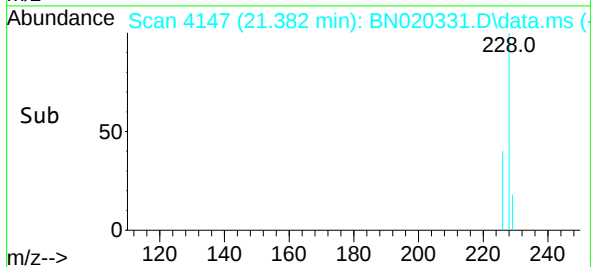
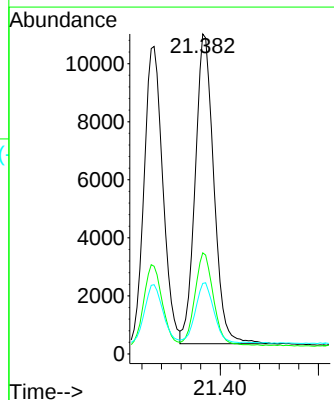
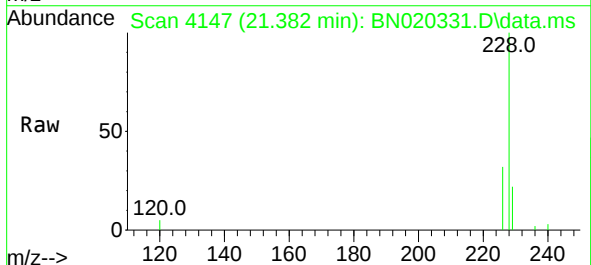
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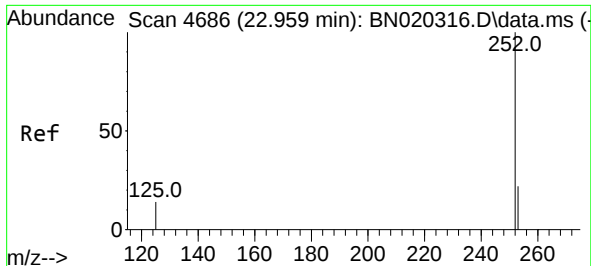
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Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 28.5 21.8 32.6



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:228 Resp: 14105
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 22.1 16.0 24.0

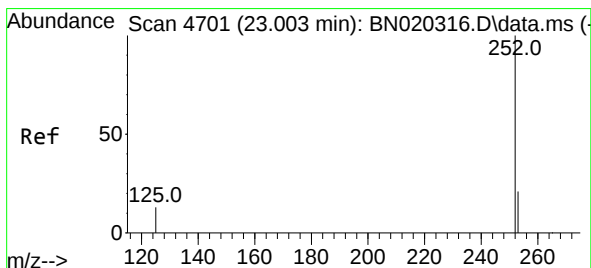
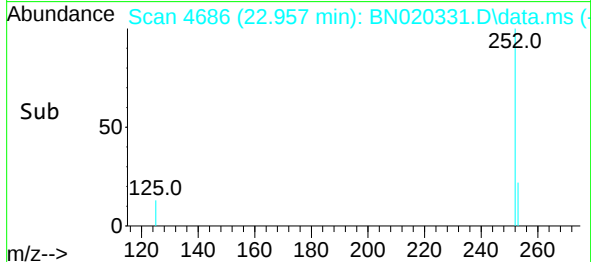
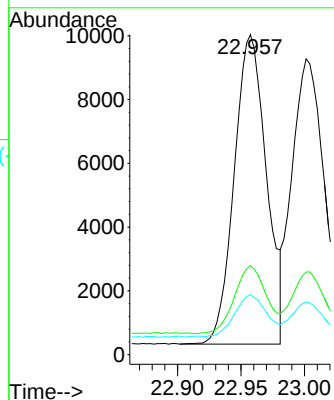
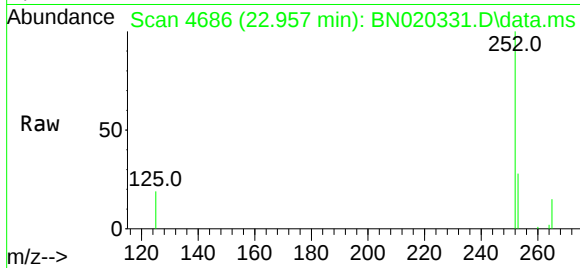




#24
Benzo(b)fluoranthene
Concen: 0.210 ng/ul
RT: 22.957 min Scan# 4686
Delta R.T. -0.009 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

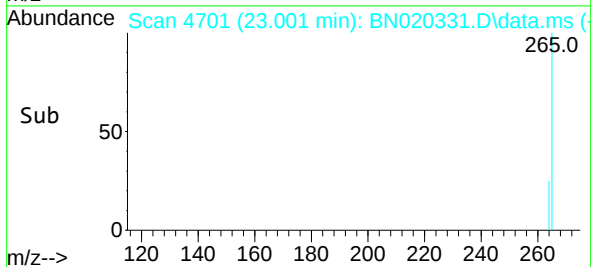
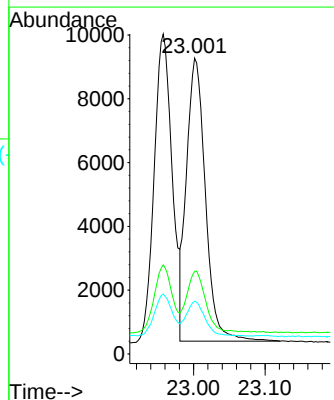
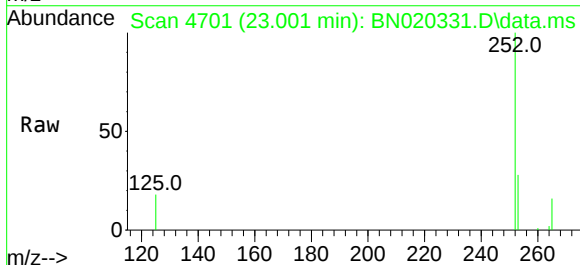
Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

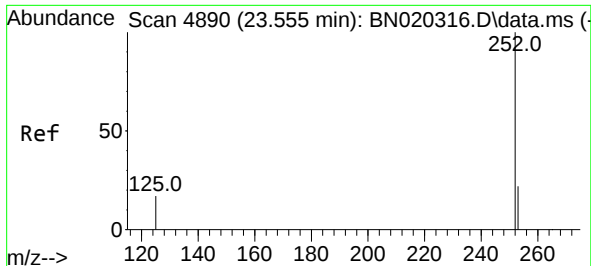
Tgt Ion:252 Resp: 17142
Ion Ratio Lower Upper
252 100
253 27.9 0.0 49.4
125 18.8 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.215 ng/ul
RT: 23.001 min Scan# 4701
Delta R.T. -0.009 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:252 Resp: 16331
Ion Ratio Lower Upper
252 100
253 27.9 20.2 30.4
125 17.9 12.3 18.5

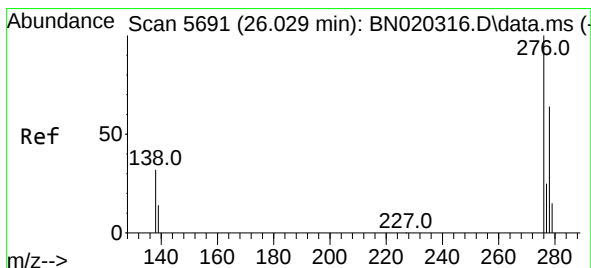
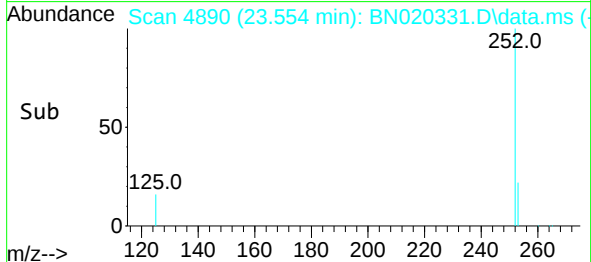
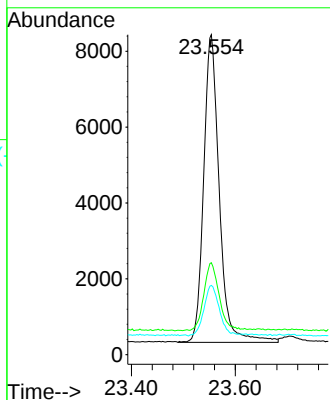
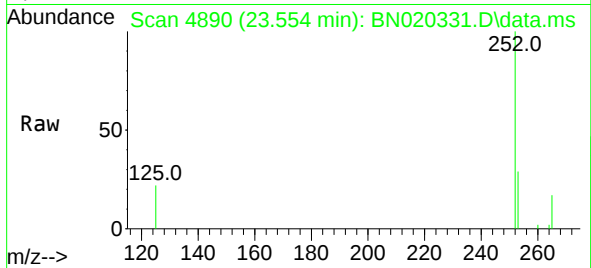




#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.554 min Scan# 4890
Delta R.T. -0.009 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

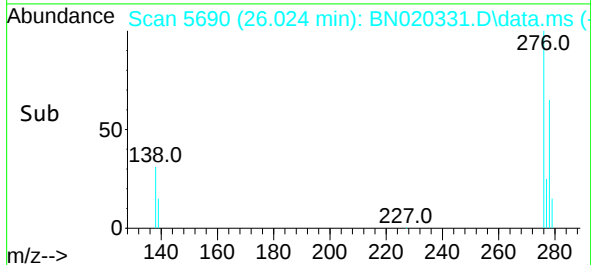
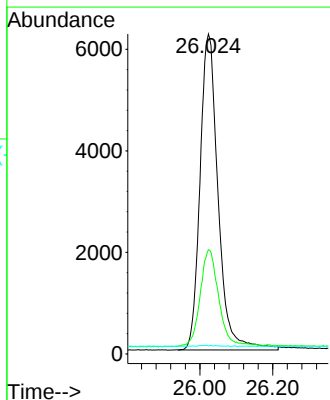
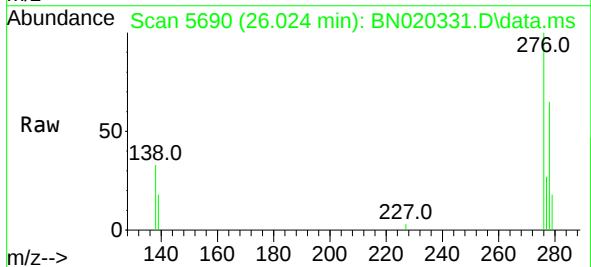
Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

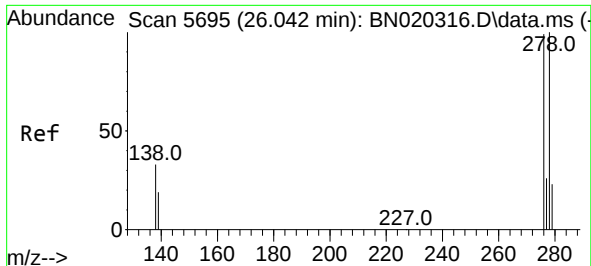
Tgt Ion:	252	Resp:	16956
Ion Ratio	Lower	Upper	
252	100		
253	28.8	21.7	32.5
125	21.7	18.6	28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.024 min Scan# 5690
Delta R.T. -0.017 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion:	276	Resp:	21445
Ion Ratio	Lower	Upper	
276	100		
138	31.7	26.5	39.7
227	0.1	0.0	0.0

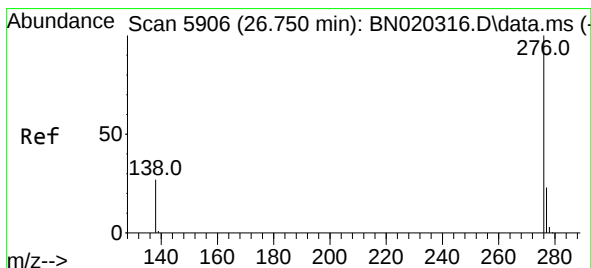
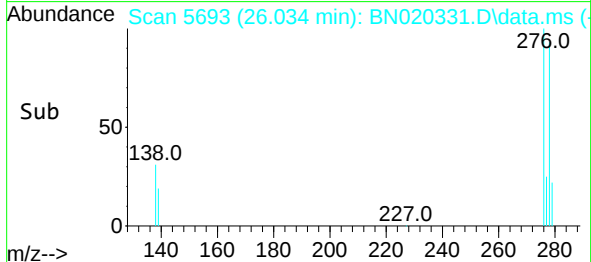
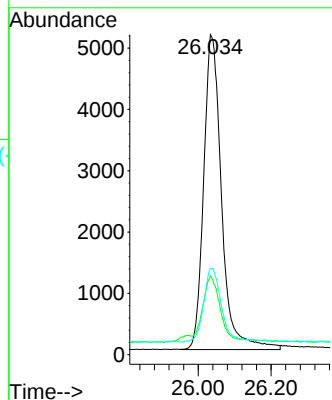
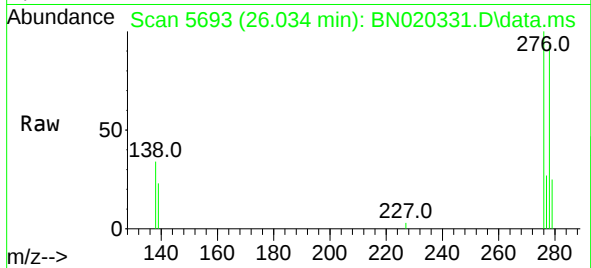




#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.034 min Scan# 5693
Delta R.T. -0.017 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Instrument :
BNA_N
ClientSampleId :
EW4R7MSD

Tgt Ion: 278 Resp: 17501
Ion Ratio Lower Upper
278 100
139 24.6 18.2 27.2
279 27.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 26.748 min Scan# 5906
Delta R.T. -0.017 min
Lab File: BN020331.D
Acq: 22 Jun 2022 05:52

Tgt Ion: 276 Resp: 18997
Ion Ratio Lower Upper
276 100
138 29.2 23.0 34.4
277 25.1 19.7 29.5

