

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027942.D
 Acq On : 29 Sep 2023 00:55
 Operator : MA/JU
 Sample : PB155830BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS830

Quant Time: Sep 29 04:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

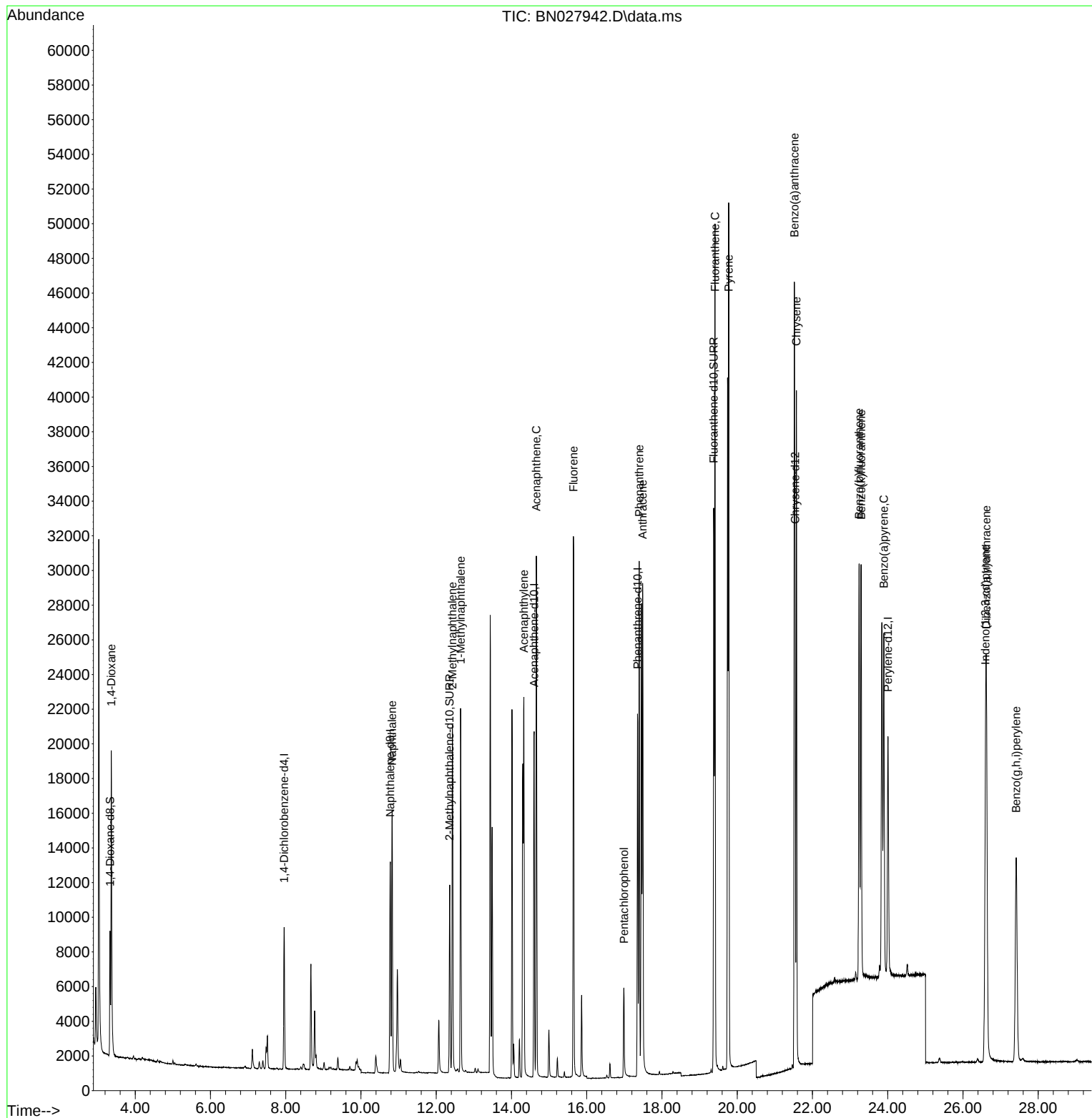
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	4238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	16771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	11172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	24625	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	21541	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	19426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4949	0.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	14147	0.557	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	35585	0.541	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	12821	2.308	ng/ul#	83
5) Naphthalene	10.828	128	20874	0.436	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	14525	0.478	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	14403	0.459	ng/ul	99
10) Acenaphthylene	14.328	152	24060	0.493	ng/ul	99
11) Acenaphthene	14.661	153	17214	0.408	ng/ul	98
12) Fluorene	15.647	166	19878	0.401	ng/ul	98
14) Pentachlorophenol	16.987	266	3861	0.670	ng/ul	99
15) Phenanthrene	17.396	178	32170	0.416	ng/ul	98
16) Anthracene	17.485	178	30734	0.474	ng/ul	99
19) Fluoranthene	19.408	202	38762	0.445	ng/ul	100
20) Pyrene	19.776	202	40675	0.453	ng/ul	98
21) Benzo(a)anthracene	21.519	228	37533	0.450	ng/ul	99
22) Chrysene	21.574	228	35958	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	33125	0.383	ng/ul	98
25) Benzo(k)fluoranthene	23.293	252	32999	0.393	ng/ul	98
26) Benzo(a)pyrene	23.895	252	29995	0.431	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.599	276	33893	0.380	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.623	278	27871	0.388	ng/ul	99
29) Benzo(g,h,i)perylene	27.414	276	27298	0.360	ng/ul	99

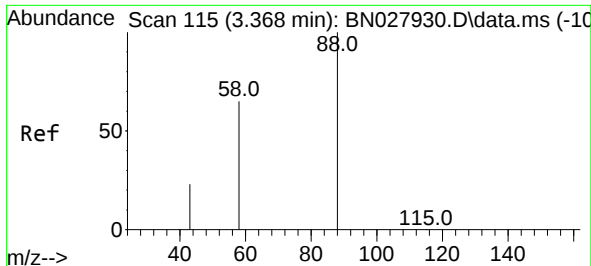
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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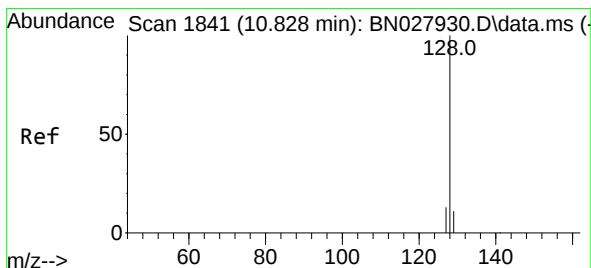
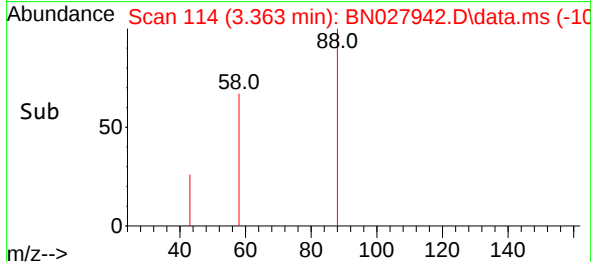
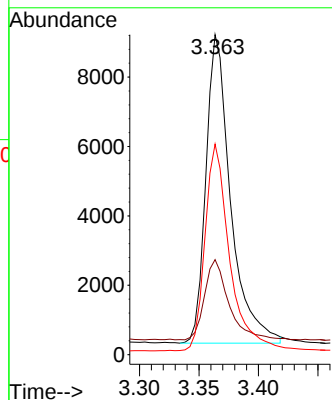
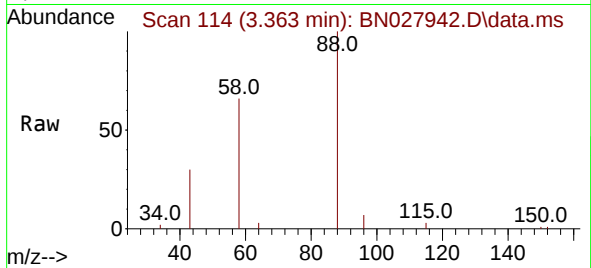




#2
1,4-Dioxane
Concen: 2.308 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

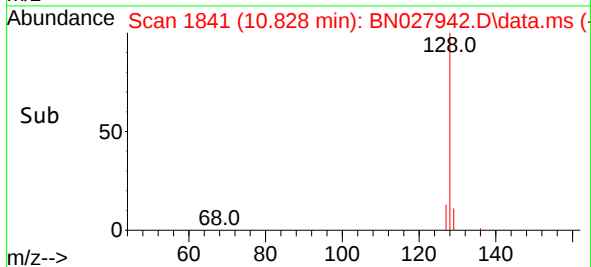
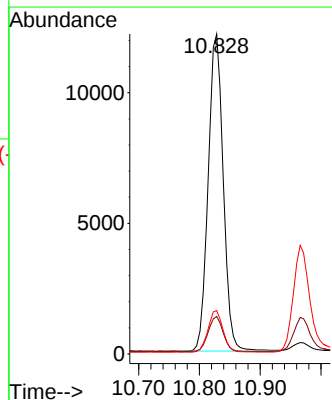
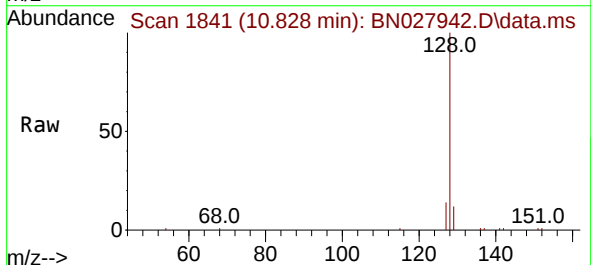
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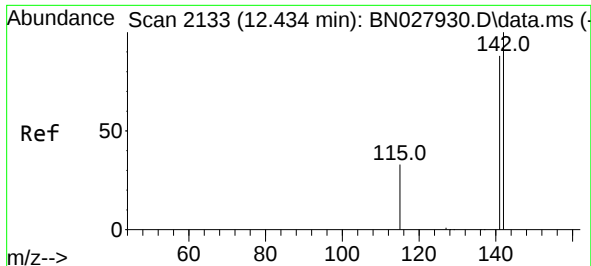
Tgt Ion: 88 Resp: 12821
Ion Ratio Lower Upper
88 100
43 29.7 39.6 59.4#
58 65.8 48.3 72.5



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:128 Resp: 20874
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.7 16.1

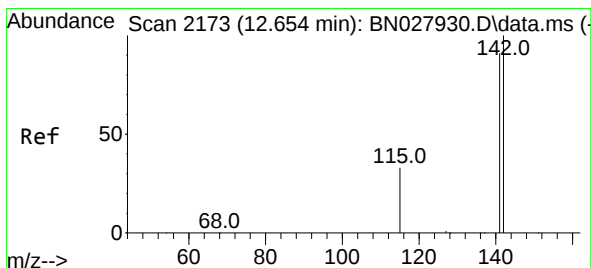
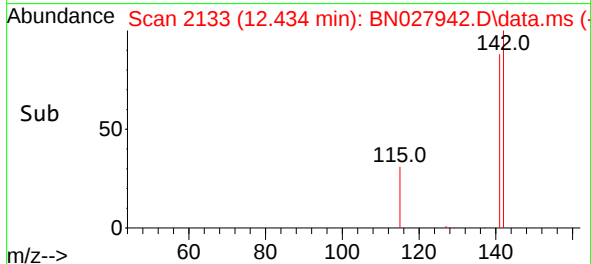
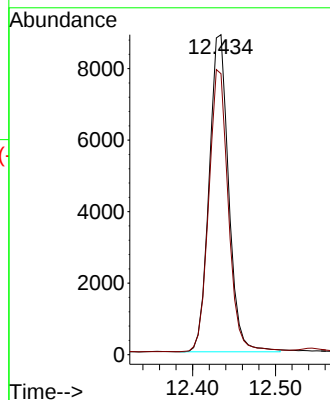
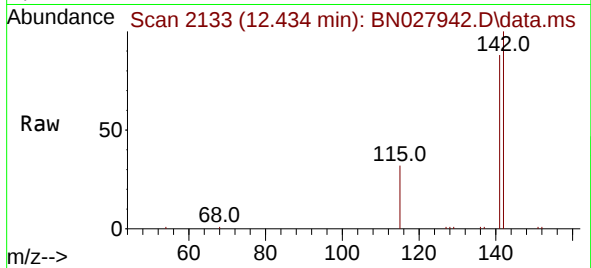




#7
2-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

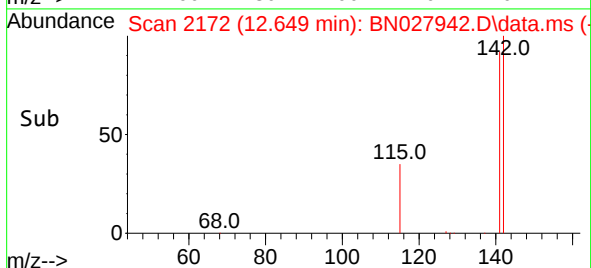
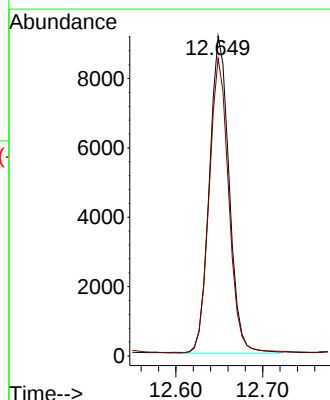
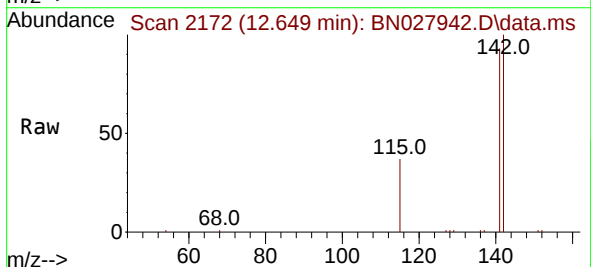
Instrument :
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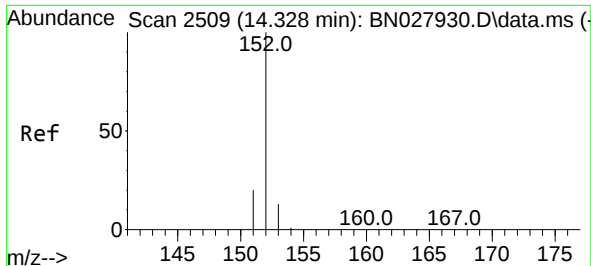
Tgt Ion:142 Resp: 14525
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:142 Resp: 14403
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

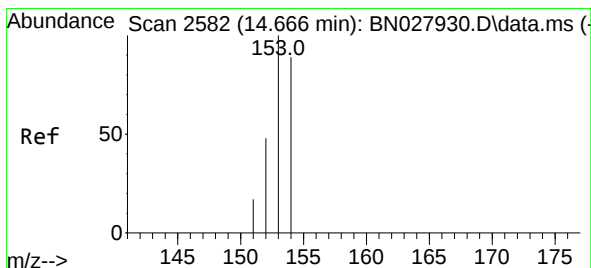
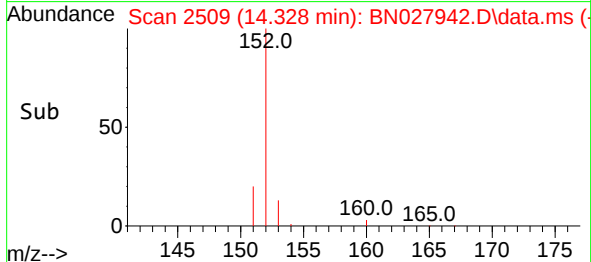
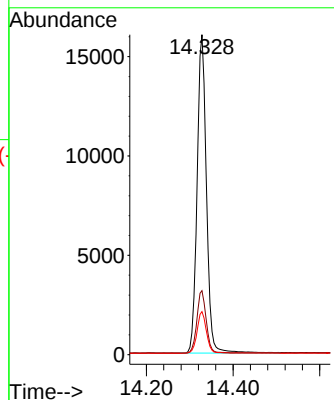
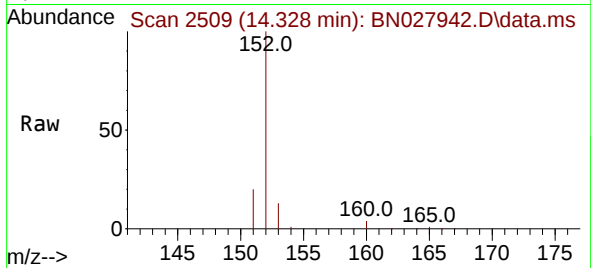




#10
Acenaphthylene
Concen: 0.493 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

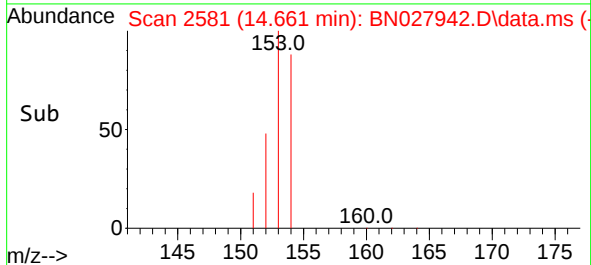
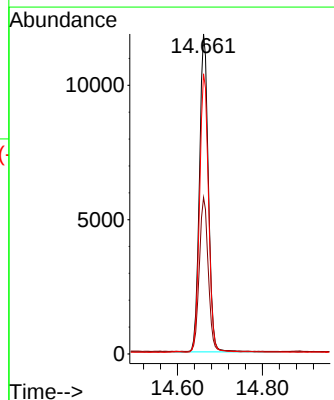
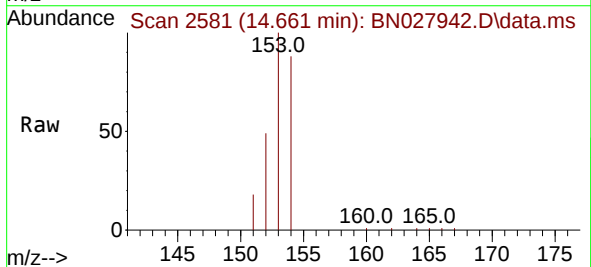
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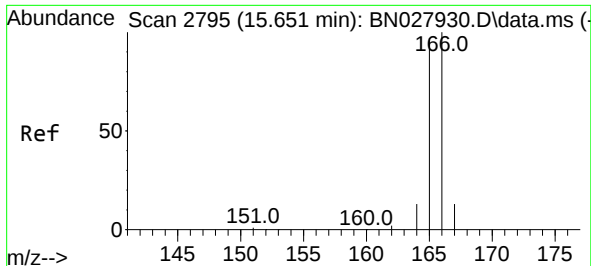
Tgt Ion:152 Resp: 24060
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:153 Resp: 17214
Ion Ratio Lower Upper
153 100
152 48.9 41.7 62.5
154 87.5 70.3 105.5

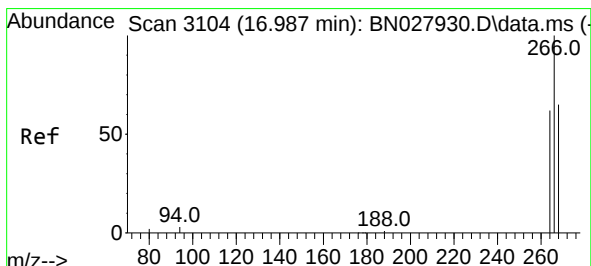
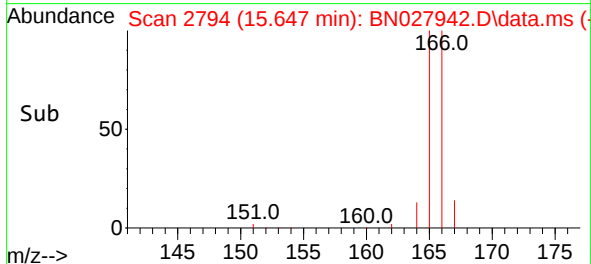
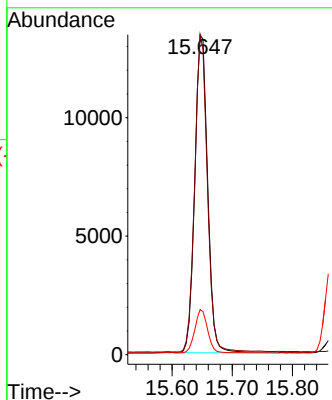
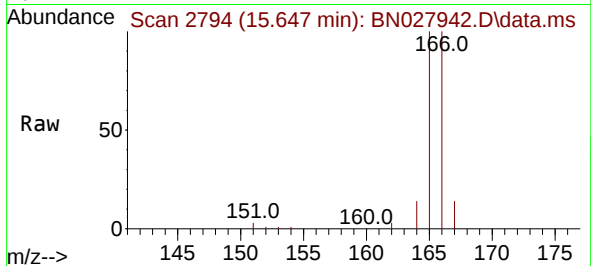




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

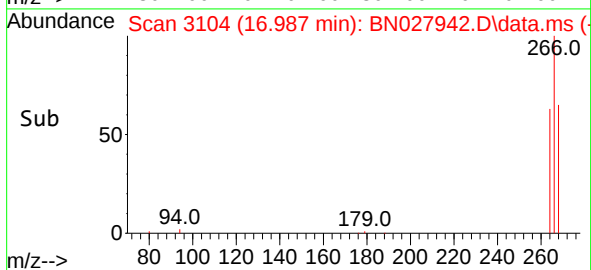
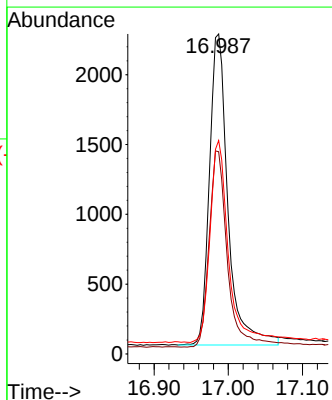
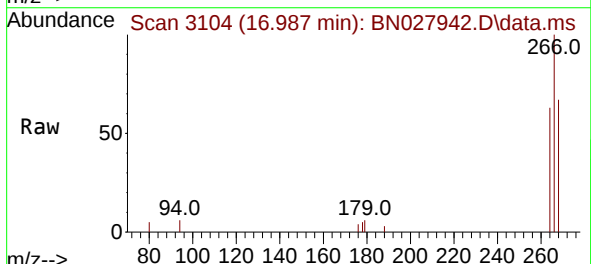
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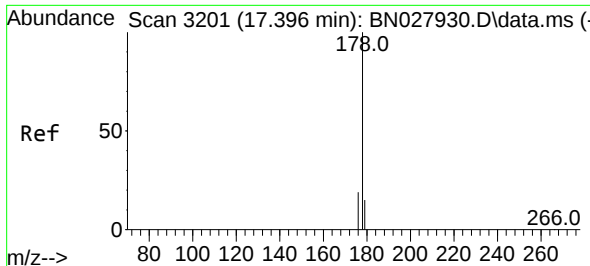
Tgt Ion:166 Resp: 19878
Ion Ratio Lower Upper
166 100
165 99.9 78.0 117.0
167 14.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.670 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:266 Resp: 3861
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 64.5 50.7 76.1

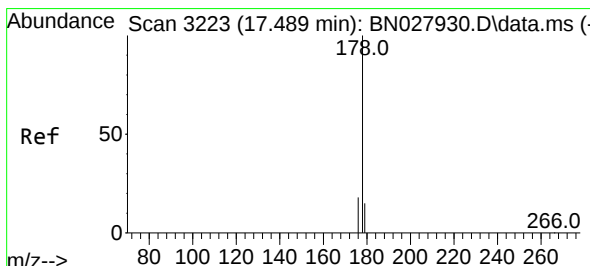
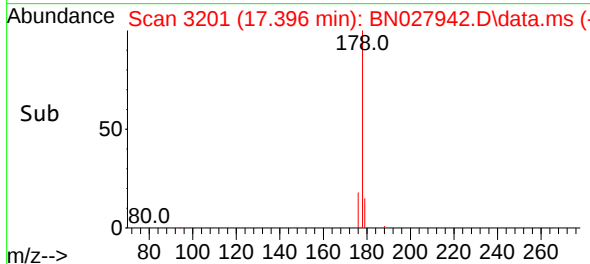
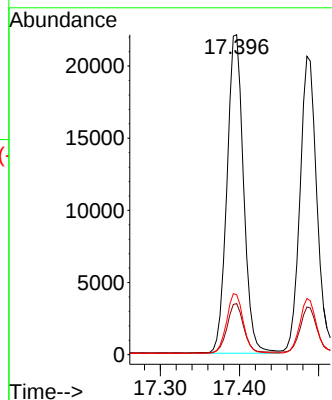
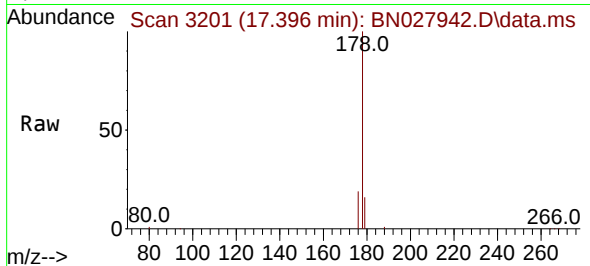




#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

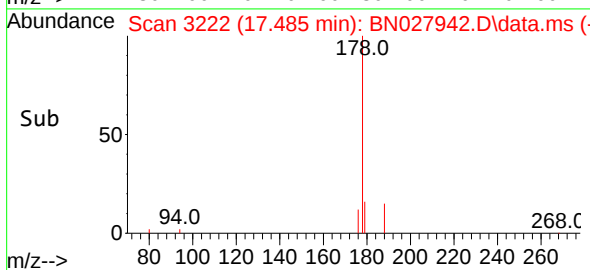
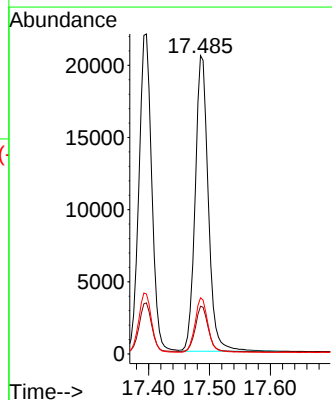
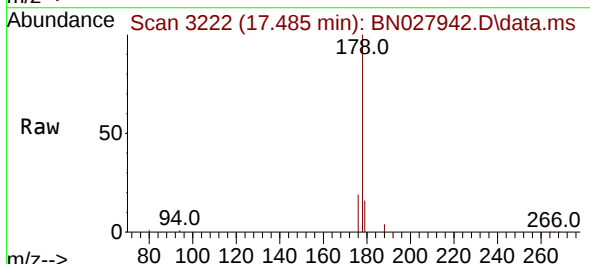
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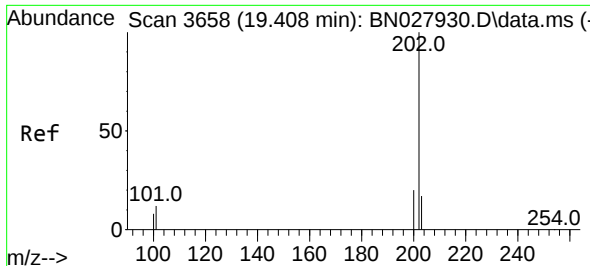
Tgt Ion:178 Resp: 32170
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.8 16.0 24.0



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:178 Resp: 30734
Ion Ratio Lower Upper
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179 16.0 12.6 19.0
176 18.8 15.5 23.3

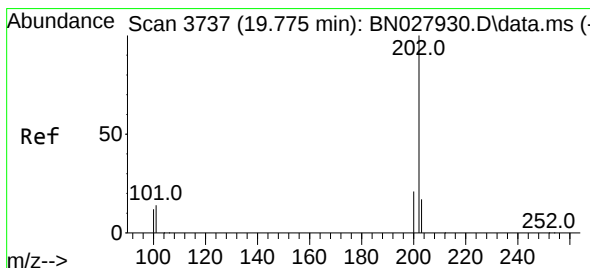
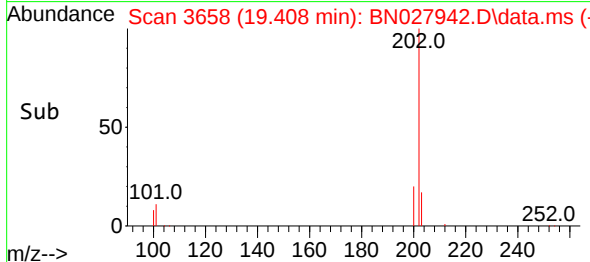
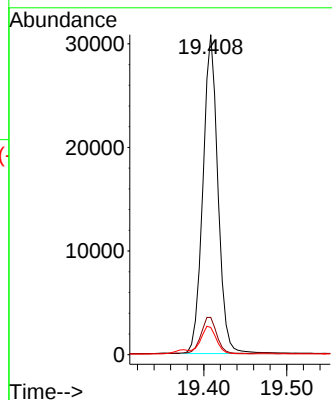
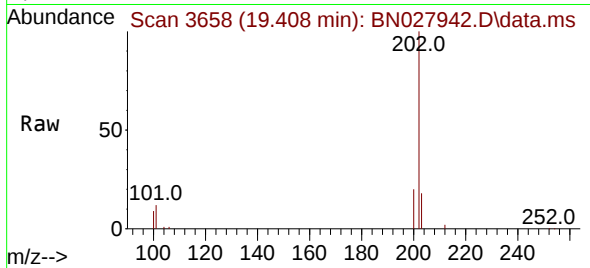




#19
Fluoranthene
Concen: 0.445 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

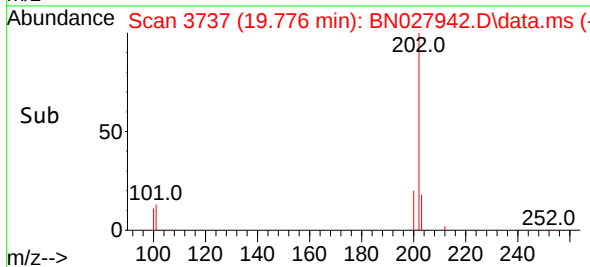
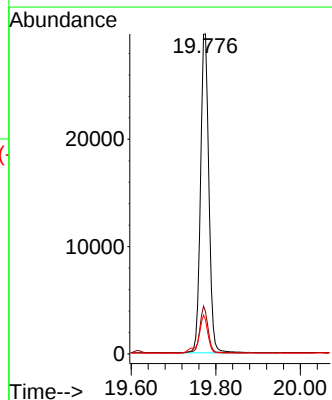
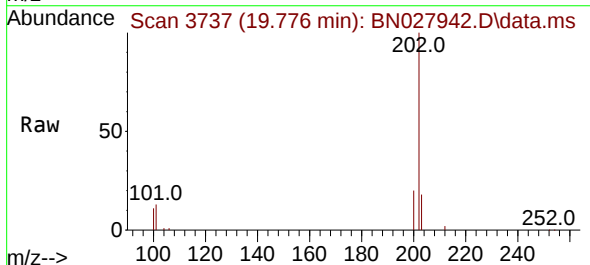
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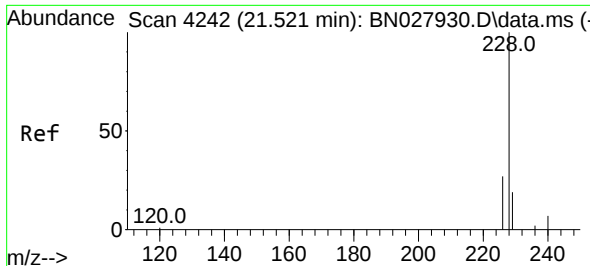
Tgt Ion:202 Resp: 38762
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 8.5 7.0 10.4



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:202 Resp: 40675
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.7 9.1 13.7

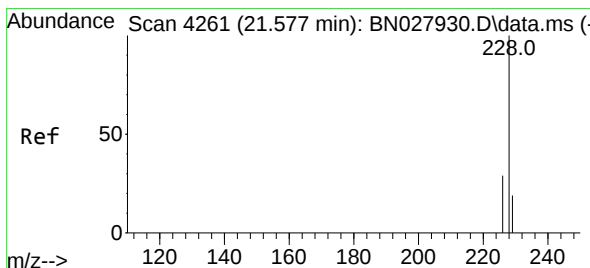
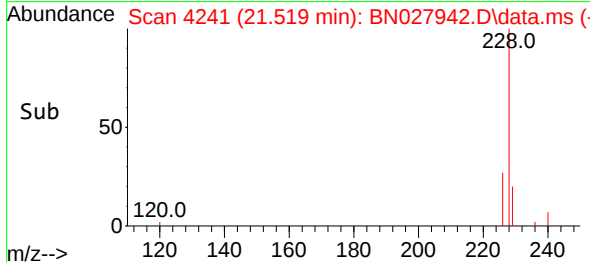
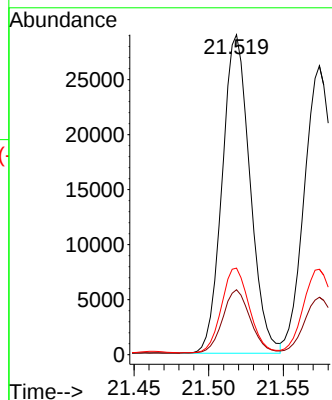
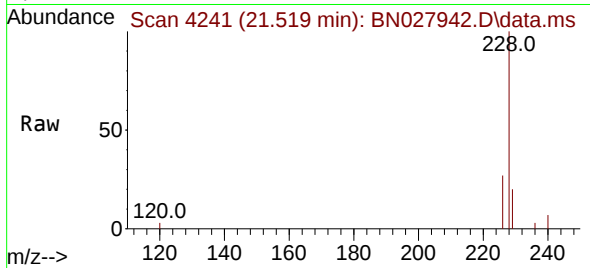




#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.519 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

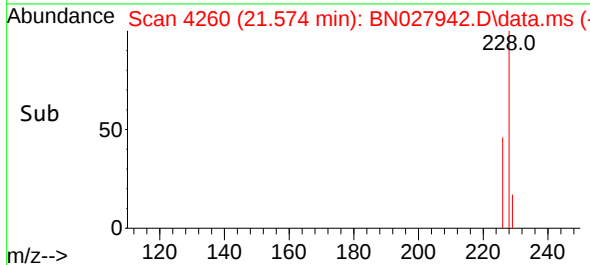
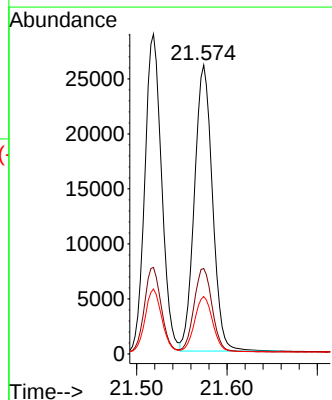
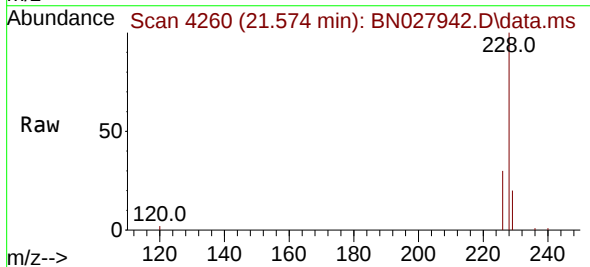
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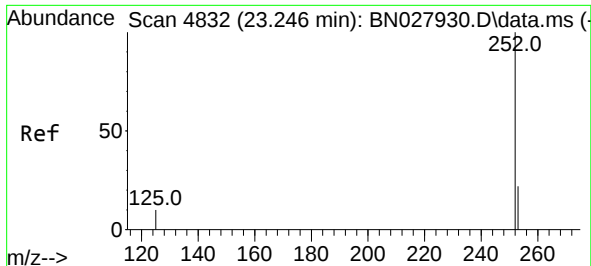
Tgt Ion:228 Resp: 37533
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:228 Resp: 35958
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 19.9 16.0 24.0

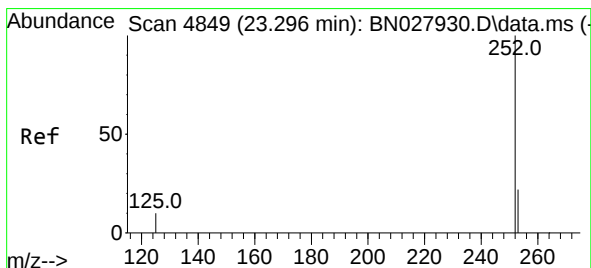
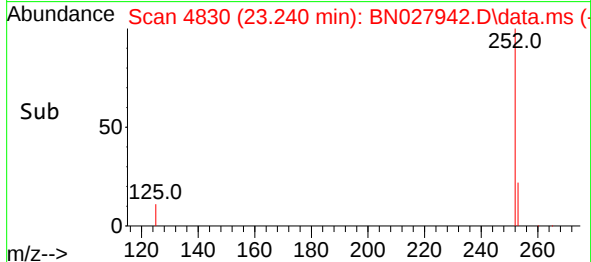
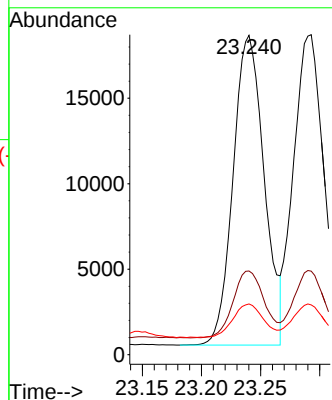
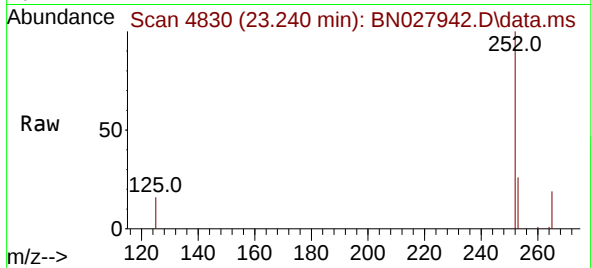




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.240 min Scan# 4832
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

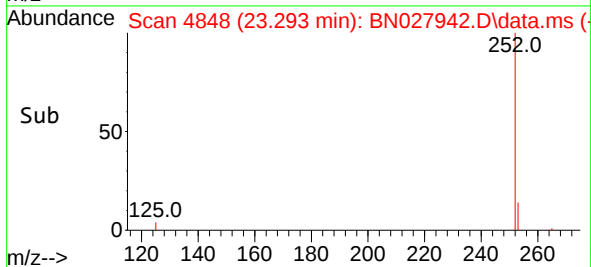
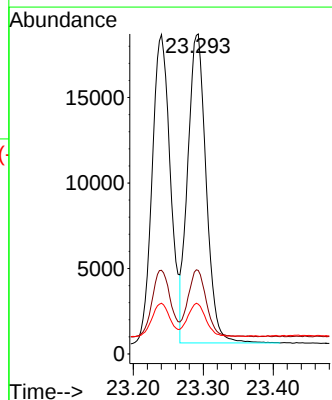
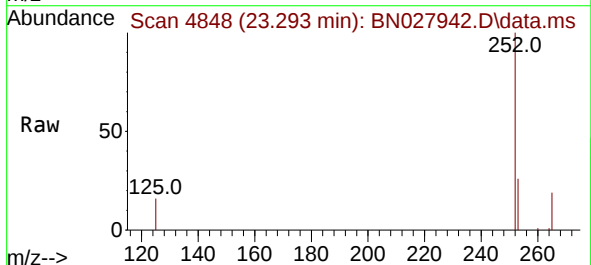
Instrument :
BNA_N
ClientSampleId :
SLCS830

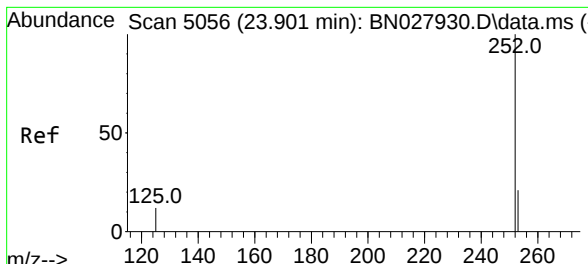
Tgt Ion:252 Resp: 33125
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.2
125 15.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:252 Resp: 32999
Ion Ratio Lower Upper
252 100
253 26.1 19.9 29.9
125 15.6 12.6 19.0

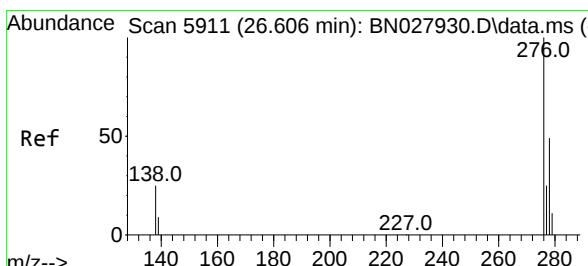
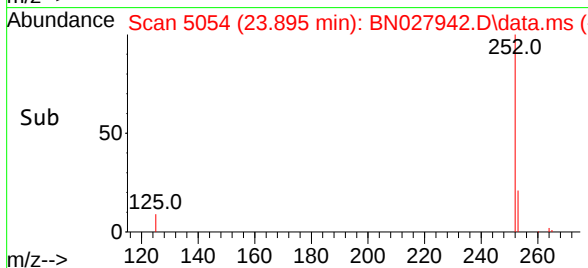
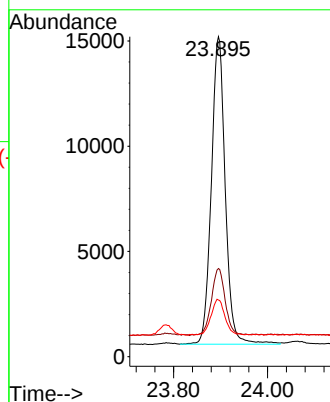
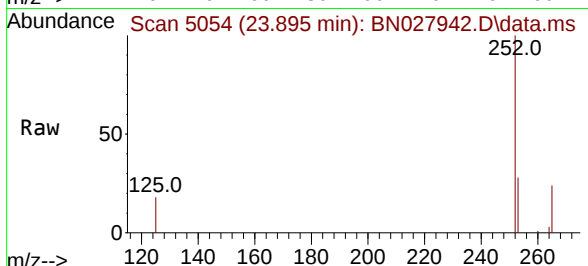




#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.895 min Scan# 5056
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

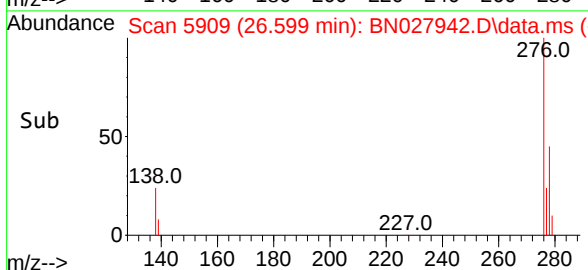
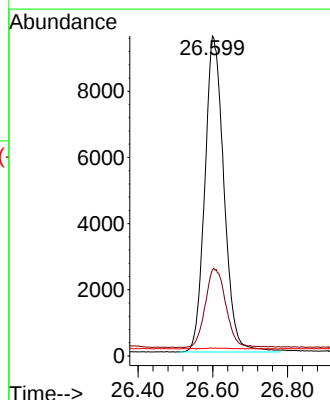
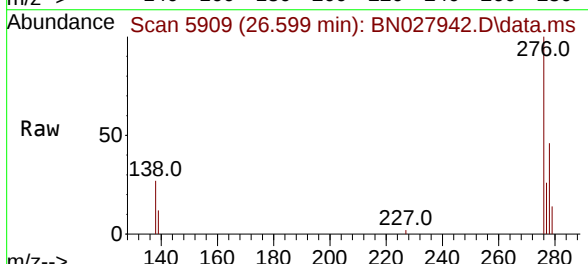
Instrument :
BNA_N
ClientSampleId :
SLCS830

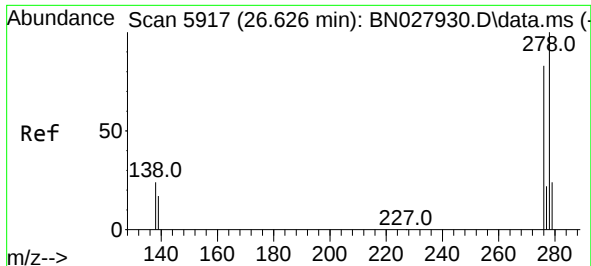
Tgt Ion:	252	Resp:	29995
Ion Ratio	Lower	Upper	
252	100		
253	27.5	21.9	32.9
125	17.7	15.5	23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.599 min Scan# 5909
Delta R.T. 0.000 min
Lab File: BN027942.D
Acq: 29 Sep 2023 00:55

Tgt Ion:	276	Resp:	33893
Ion Ratio	Lower	Upper	
276	100		
138	26.8	24.3	36.5
227	0.0	0.0	0.0

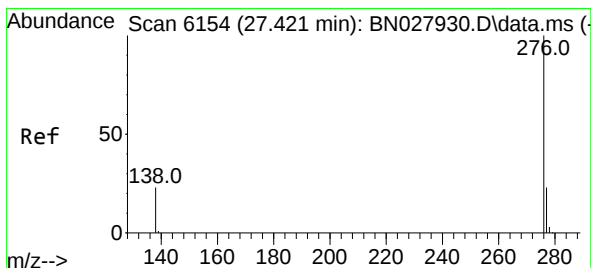
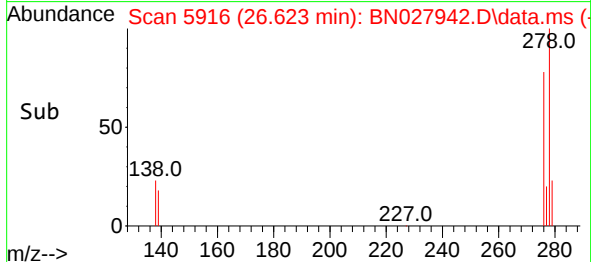
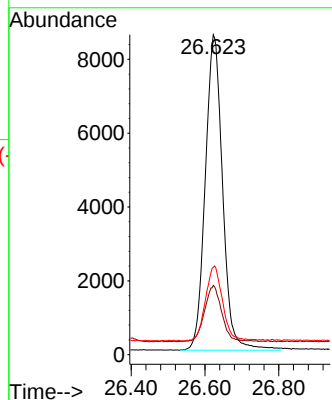
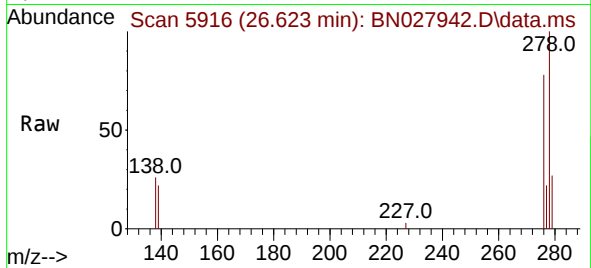




#28
 Dibenzo(a,h)anthracene
 Concen: 0.388 ng/ul
 RT: 26.623 min Scan# 5916
 Delta R.T. 0.000 min
 Lab File: BN027942.D
 Acq: 29 Sep 2023 00:55

Instrument :
 BNA_N
 ClientSampleId :
 SLCS830

Tgt Ion:278 Resp: 27871
 Ion Ratio Lower Upper
 278 100
 139 21.7 17.2 25.8
 279 27.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.360 ng/ul
 RT: 27.414 min Scan# 6152
 Delta R.T. 0.003 min
 Lab File: BN027942.D
 Acq: 29 Sep 2023 00:55

Tgt Ion:276 Resp: 27298
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.7 32.5
 277 25.6 20.2 30.2

