

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027542.D
 Acq On : 10 Sep 2023 16:02
 Operator : MA/JU
 Sample : PB155348BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS348

Quant Time: Sep 11 01:19:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

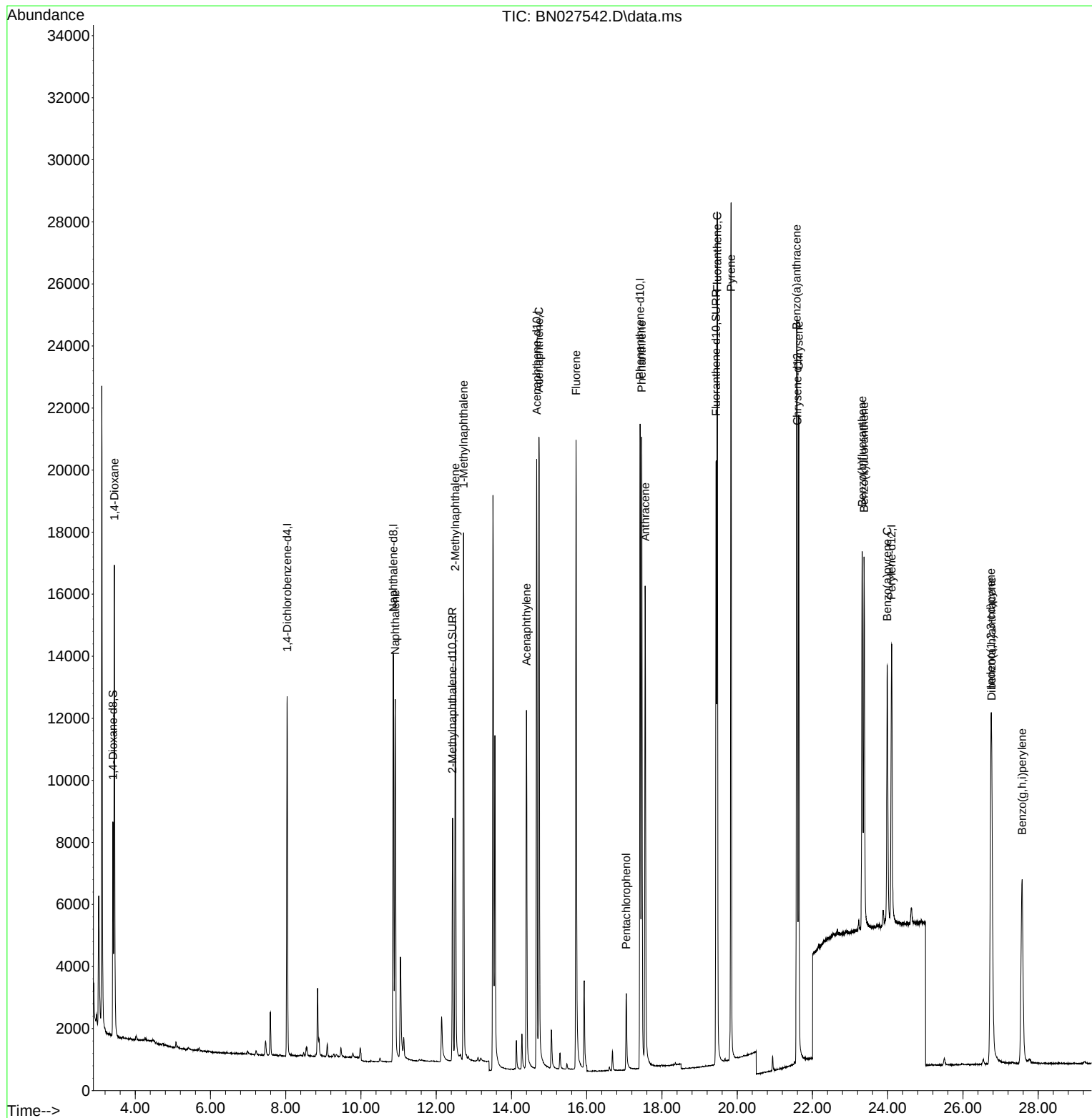
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	19584	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.670	164	11507	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	25483	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	16590	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	13992	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4707	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	10717	0.361	ng/ul	-0.01
18) Fluoranthene-d10	19.441	212	22385	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	10985	1.346	ng/ul#	84
5) Naphthalene	10.911	128	16523	0.291	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	10640	0.299	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	11623	0.307	ng/ul	99
10) Acenaphthylene	14.397	152	15060	0.286	ng/ul	100
11) Acenaphthene	14.731	153	12700	0.280	ng/ul	98
12) Fluorene	15.716	166	14554	0.287	ng/ul	99
14) Pentachlorophenol	17.050	266	1999	0.402	ng/ul	99
15) Phenanthrene	17.460	178	23310	0.281	ng/ul	100
16) Anthracene	17.553	178	19244	0.292	ng/ul	100
19) Fluoranthene	19.469	202	24600	0.322	ng/ul	99
20) Pyrene	19.836	202	24712	0.318	ng/ul	97
21) Benzo(a)anthracene	21.577	228	19037	0.319	ng/ul	99
22) Chrysene	21.635	228	19606	0.281	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	17902	0.271	ng/ul	96
25) Benzo(k)fluoranthene	23.372	252	17433	0.270	ng/ul	96
26) Benzo(a)pyrene	23.989	252	14469	0.280	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.743	276	17817	0.311	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.763	278	14243	0.325	ng/ul	98
29) Benzo(g,h,i)perylene	27.572	276	15371	0.297	ng/ul	98

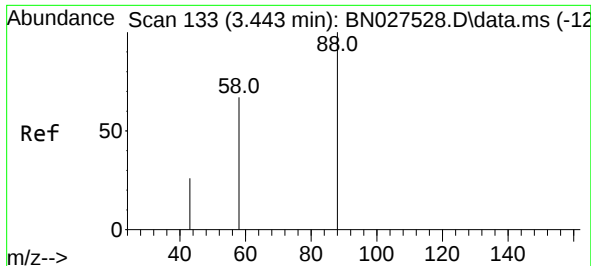
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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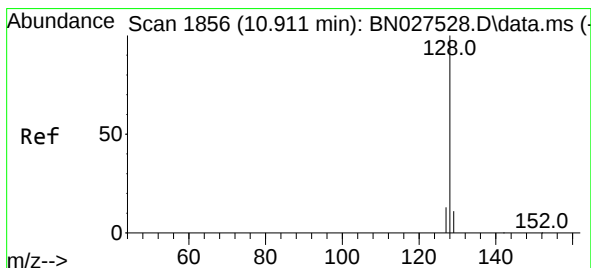
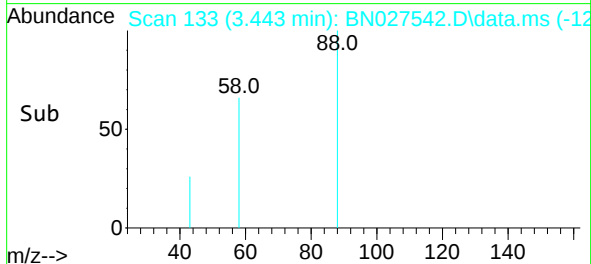
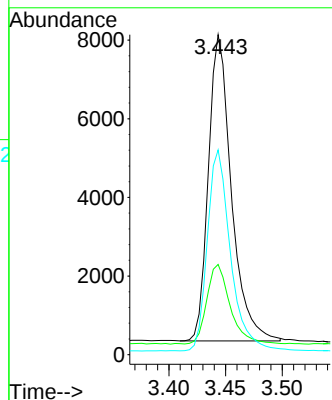
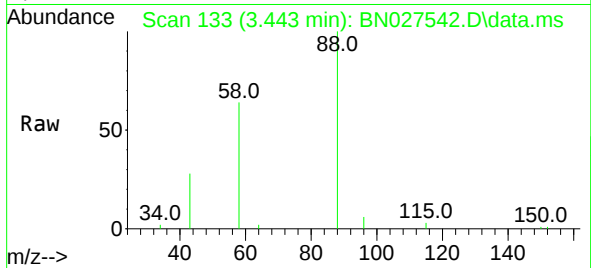




#2
1,4-Dioxane
Concen: 1.346 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

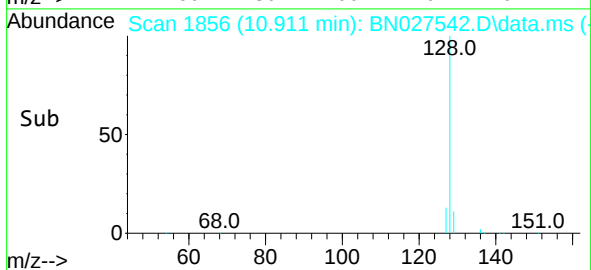
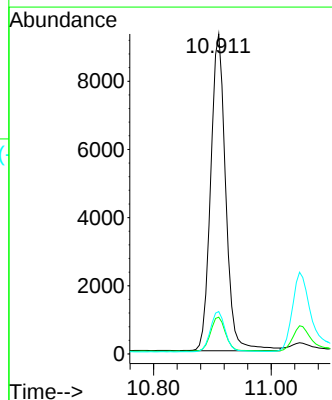
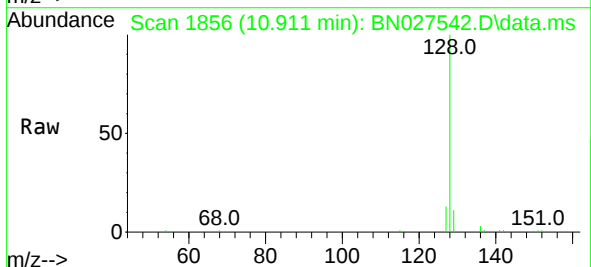
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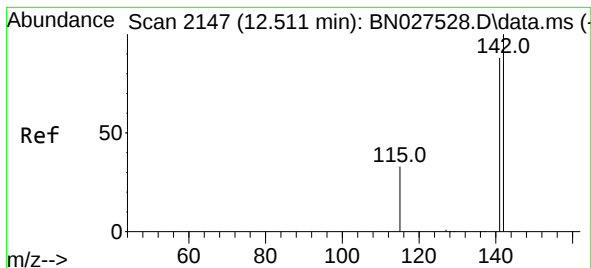
Tgt Ion: 88 Resp: 10985
Ion Ratio Lower Upper
88 100
43 28.2 26.8 40.2
58 64.0 39.9 59.9#



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion: 128 Resp: 16523
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.6 16.0

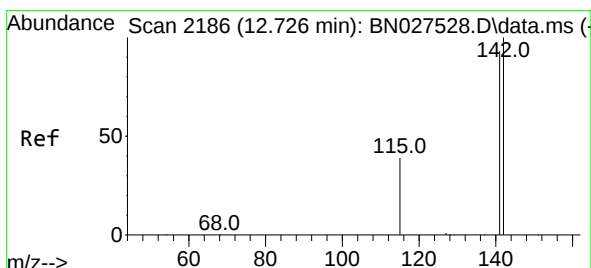
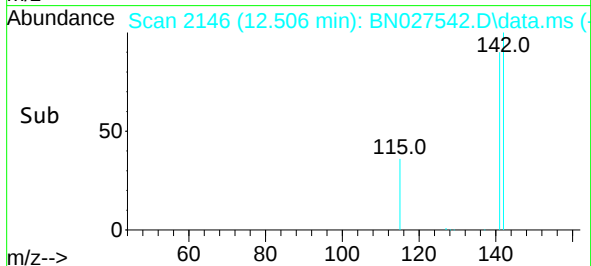
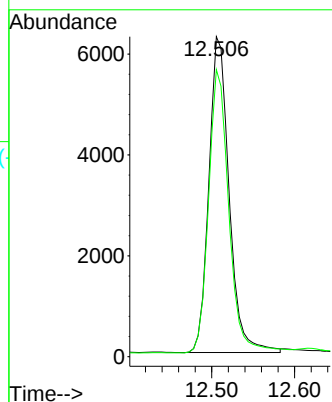
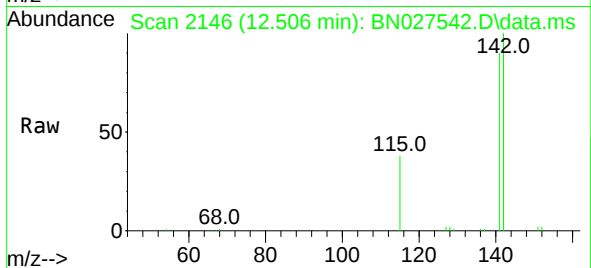




#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

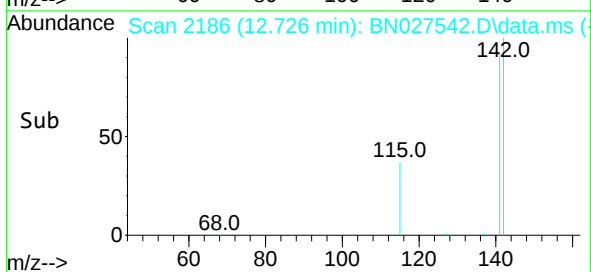
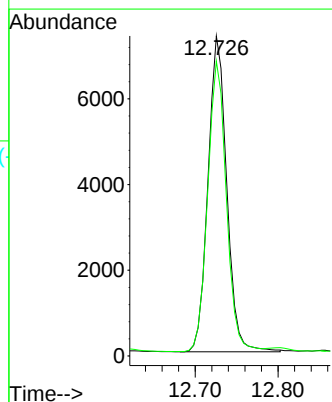
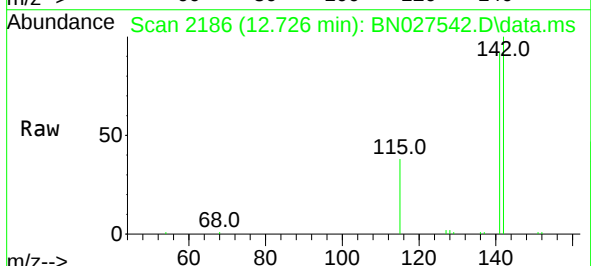
Instrument :
BNA_N
ClientSampleId :
SLCS348

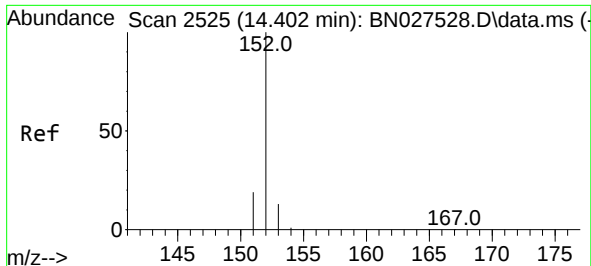
Tgt Ion:142 Resp: 10640
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:142 Resp: 11623
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4

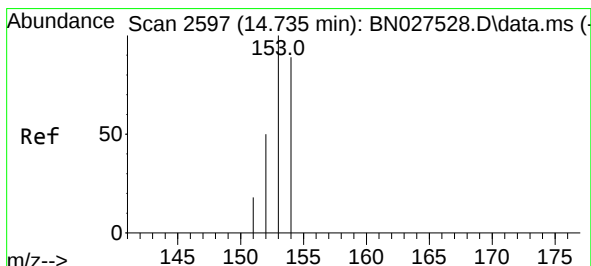
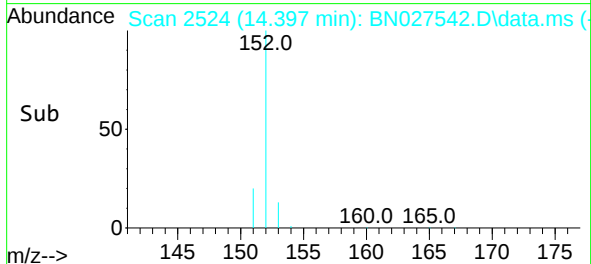
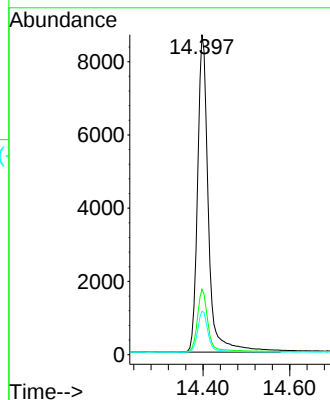
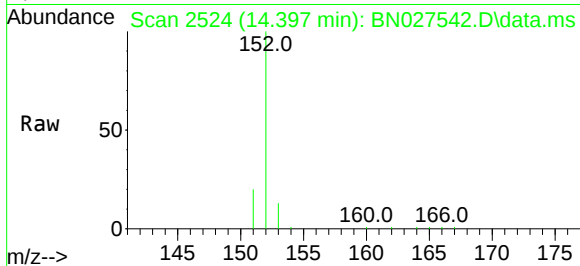




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.397 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

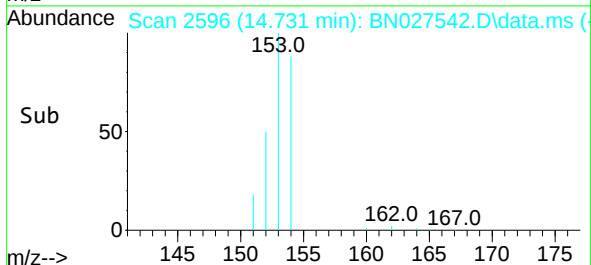
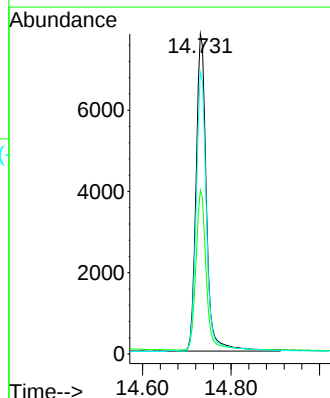
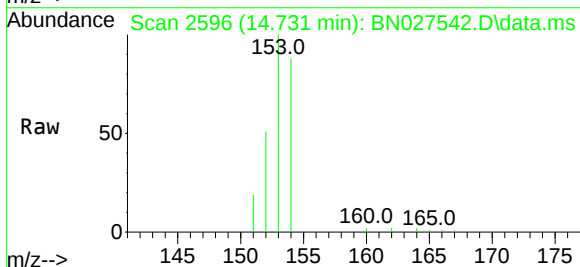
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ClientSampleId :
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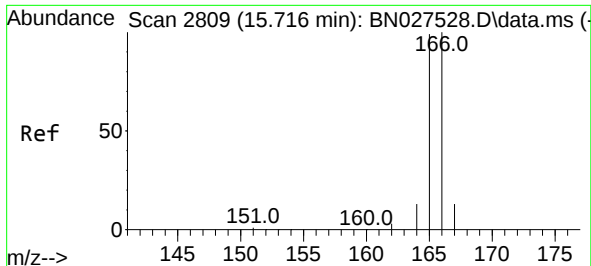
Tgt Ion:152 Resp: 15060
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.280 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:153 Resp: 12700
Ion Ratio Lower Upper
153 100
152 51.2 42.9 64.3
154 88.1 69.4 104.0

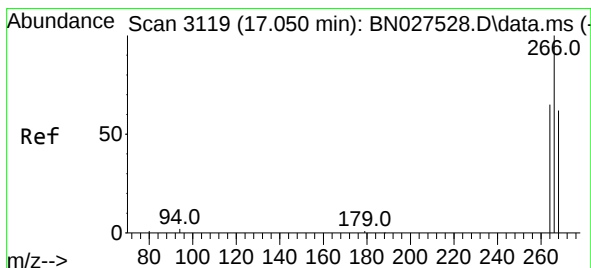
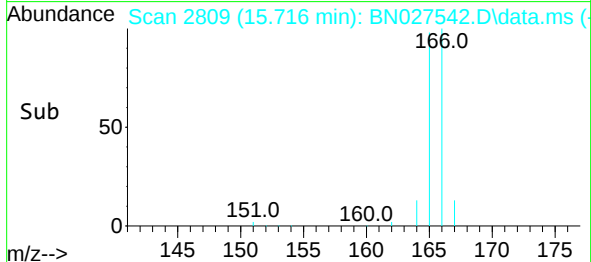
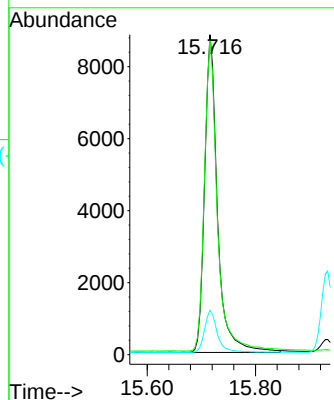
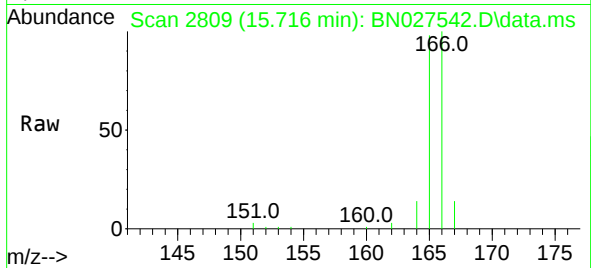




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.716 min Scan# 2809
Delta R.T. -0.009 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

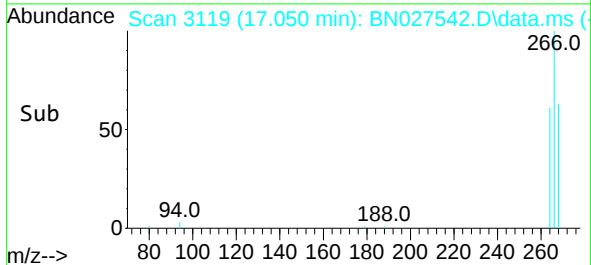
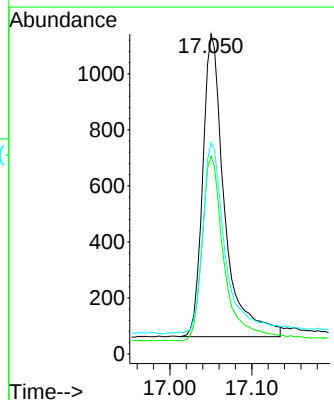
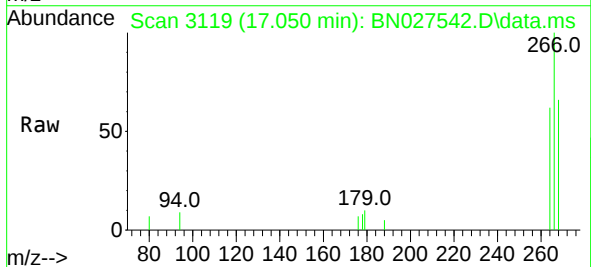
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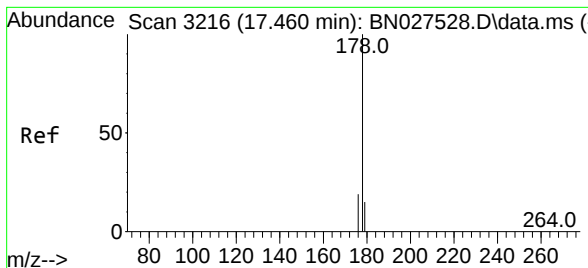
Tgt Ion:166 Resp: 14554
Ion Ratio Lower Upper
166 100
165 98.1 79.6 119.4
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.402 ng/ul
RT: 17.050 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:266 Resp: 1999
Ion Ratio Lower Upper
266 100
264 61.6 50.4 75.6
268 65.7 51.9 77.9





#15

Phenanthrene

Concen: 0.281 ng/u1

RT: 17.460 min Scan# 3216

Delta R.T. -0.009 min

Lab File: BN027542.D

Acq: 10 Sep 2023 16:02

Instrument :

BNA_N

ClientSampleId :

SLCS348

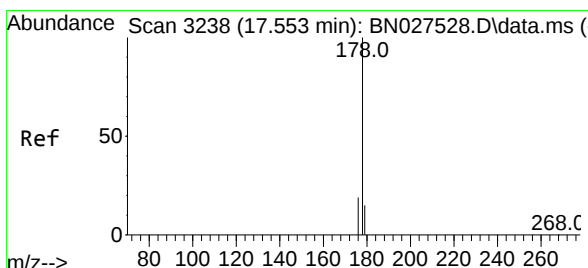
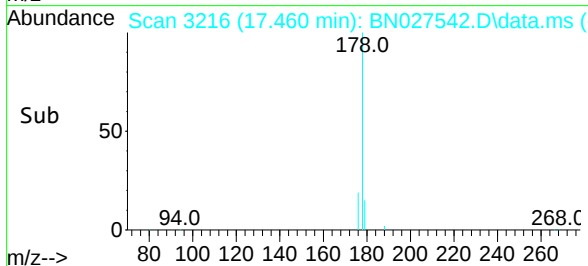
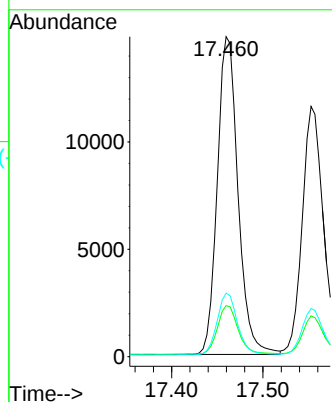
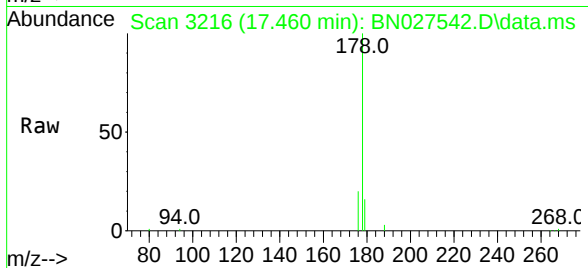
Tgt Ion:178 Resp: 23310

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.292 ng/u1

RT: 17.553 min Scan# 3238

Delta R.T. -0.009 min

Lab File: BN027542.D

Acq: 10 Sep 2023 16:02

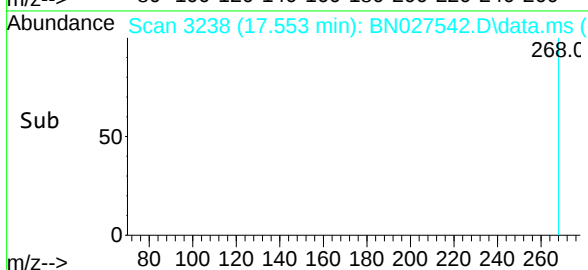
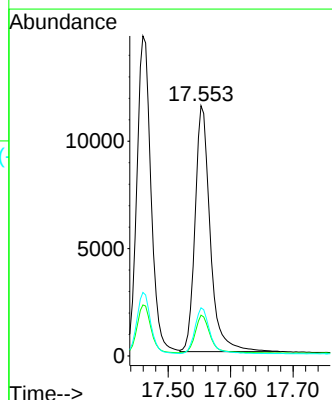
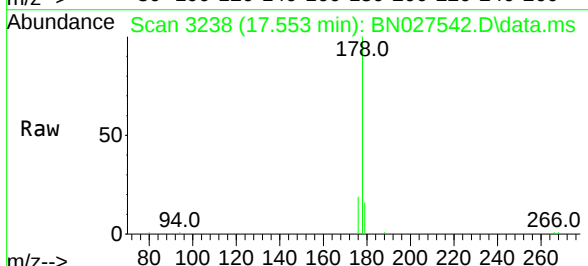
Tgt Ion:178 Resp: 19244

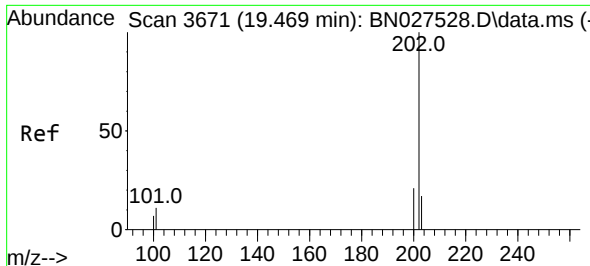
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.2 15.6 23.4

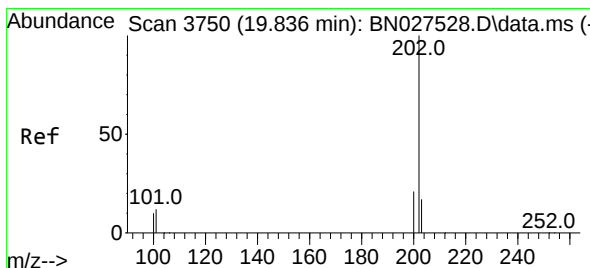
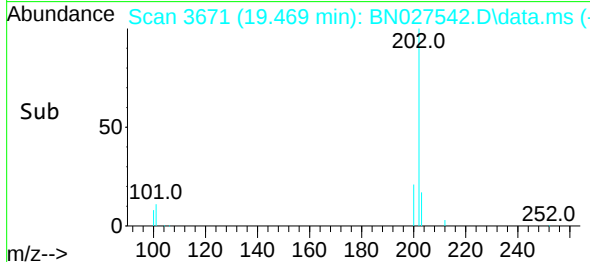
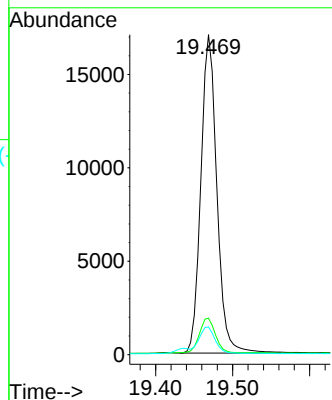
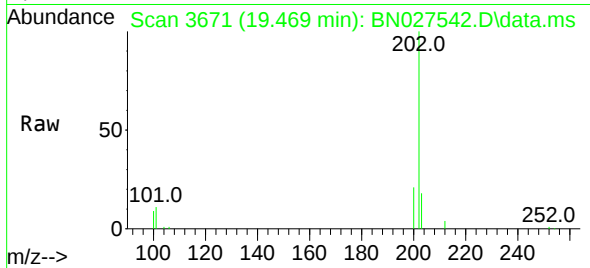




#19
Fluoranthene
Concen: 0.322 ng/u1
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

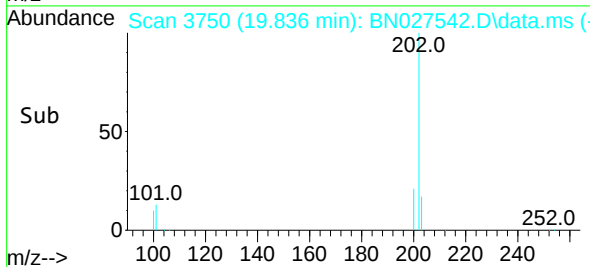
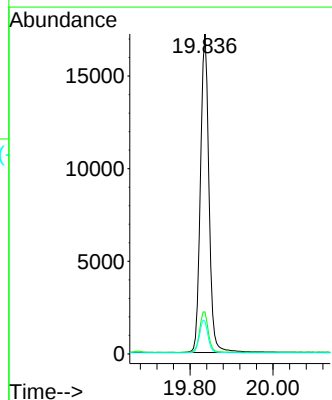
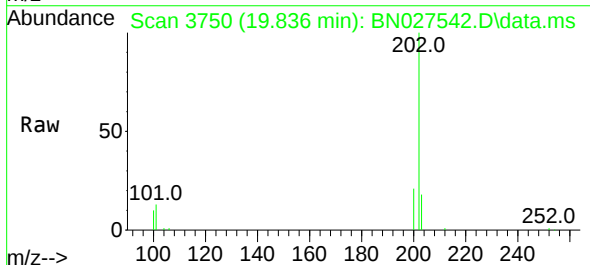
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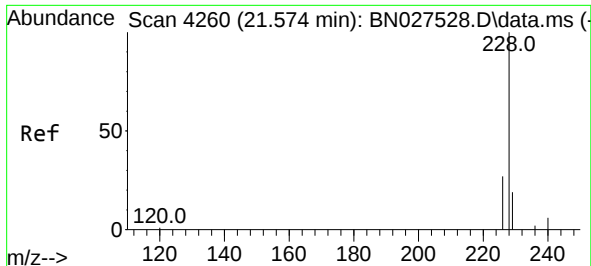
Tgt Ion:202 Resp: 24600
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.0
100 8.7 6.9 10.3



#20
Pyrene
Concen: 0.318 ng/u1
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:202 Resp: 24712
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.2 9.4 14.2

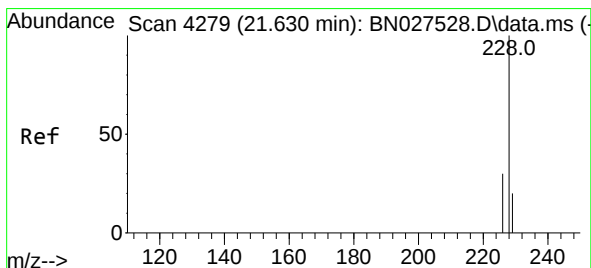
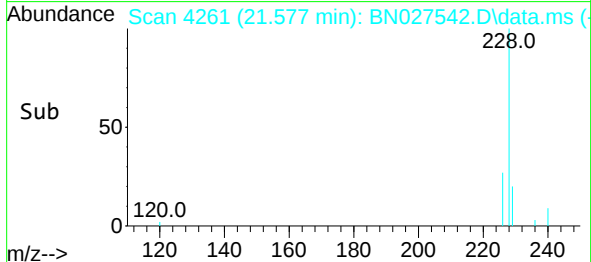
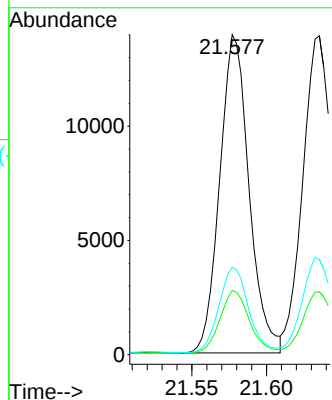
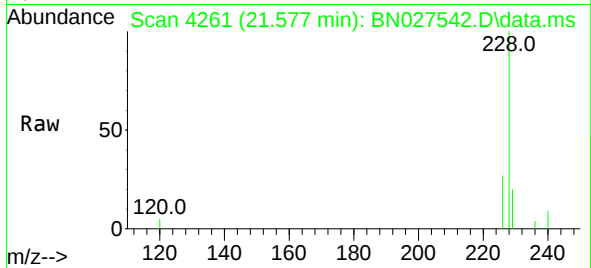




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

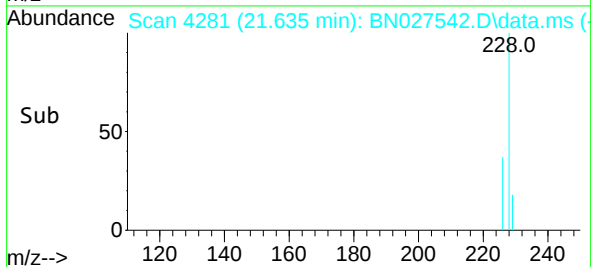
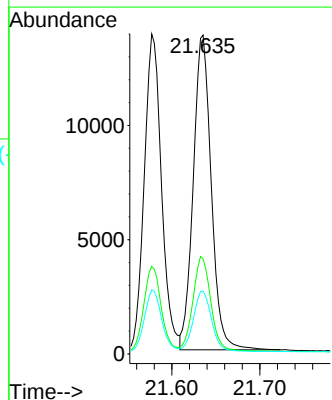
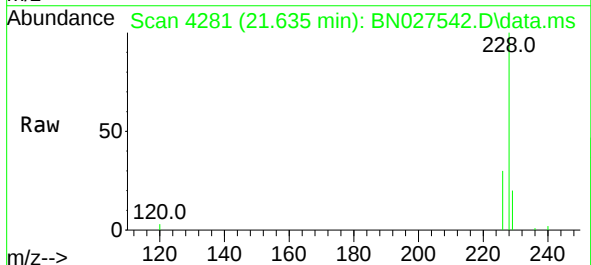
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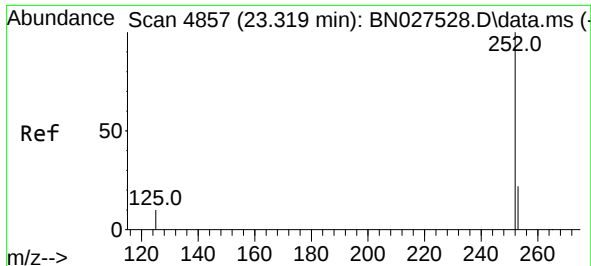
Tgt Ion:228 Resp: 19037
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.281 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.000 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:228 Resp: 19606
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.7 15.6 23.4

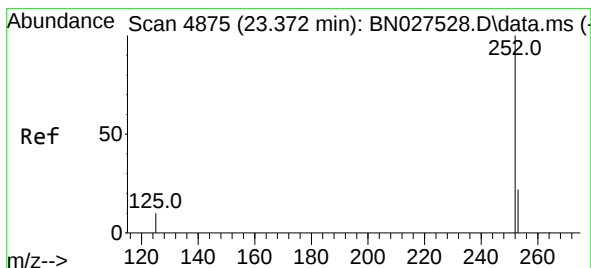
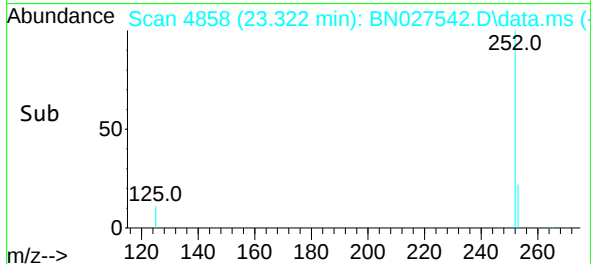
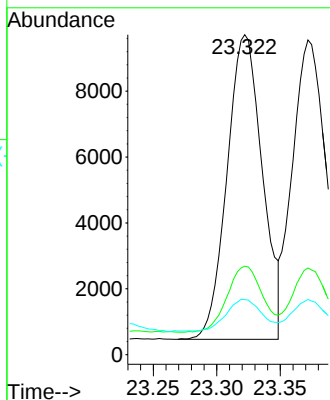
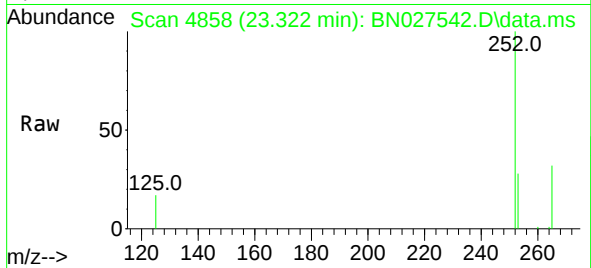




#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 23.322 min Scan# 4858
Delta R.T. -0.006 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

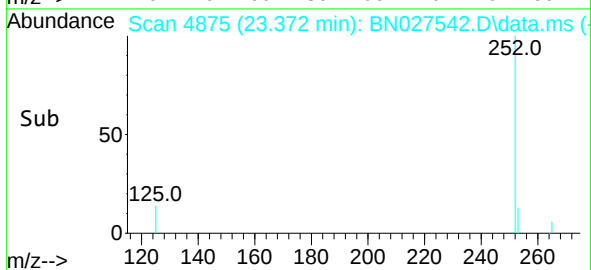
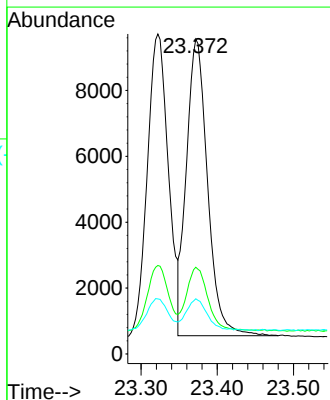
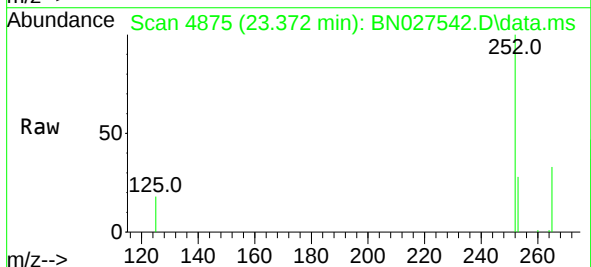
Instrument :
BNA_N
ClientSampleId :
SLCS348

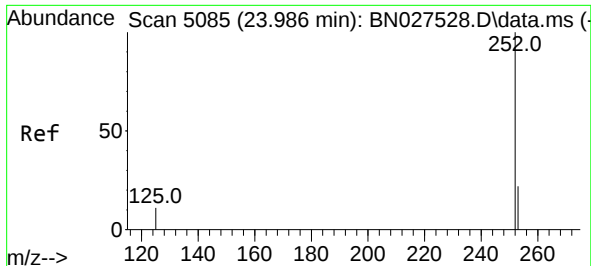
Tgt Ion:252 Resp: 17902
Ion Ratio Lower Upper
252 100
253 27.6 0.0 49.6
125 17.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:252 Resp: 17433
Ion Ratio Lower Upper
252 100
253 27.5 19.9 29.9
125 17.5 13.6 20.4

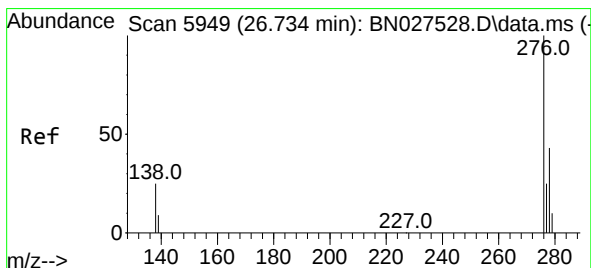
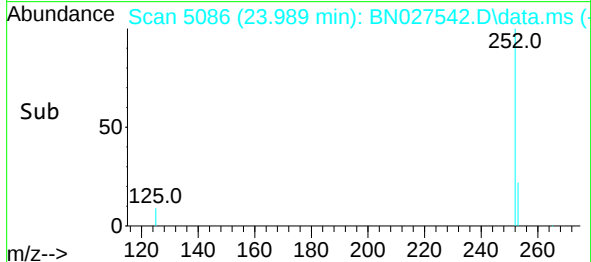
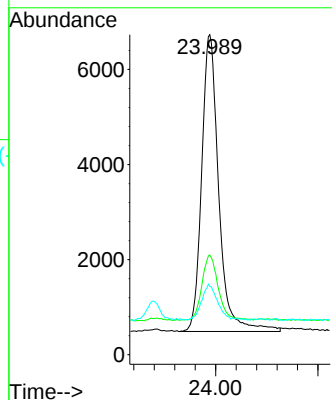
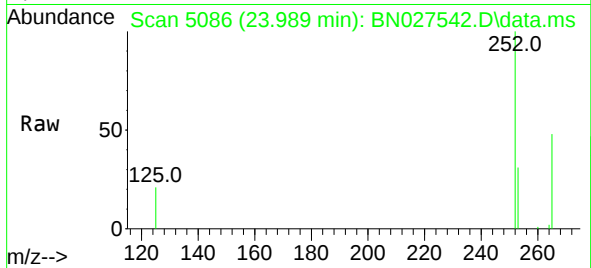




#26
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.989 min Scan# 5086
Delta R.T. -0.006 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

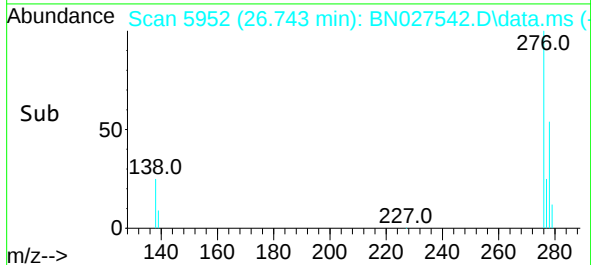
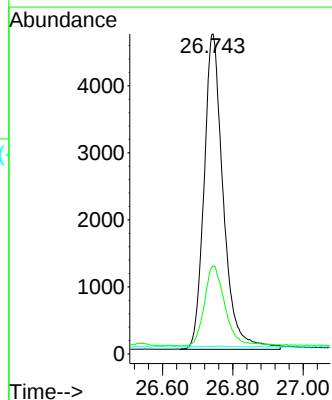
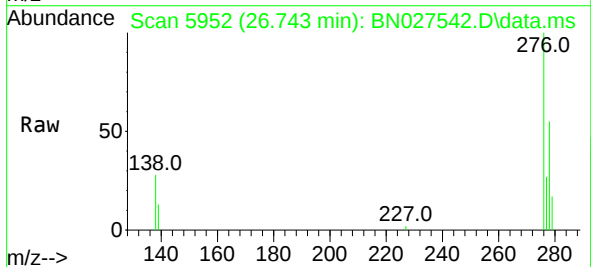
Instrument :
BNA_N
ClientSampleId :
SLCS348

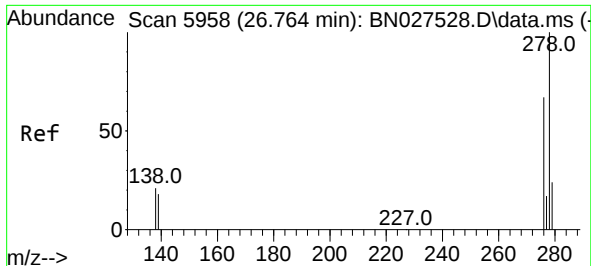
Tgt Ion:252 Resp: 14469
Ion Ratio Lower Upper
252 100
253 31.2 22.4 33.6
125 21.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 26.743 min Scan# 5952
Delta R.T. -0.011 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:276 Resp: 17817
Ion Ratio Lower Upper
276 100
138 27.5 23.9 35.9
227 0.1 0.1 0.1#

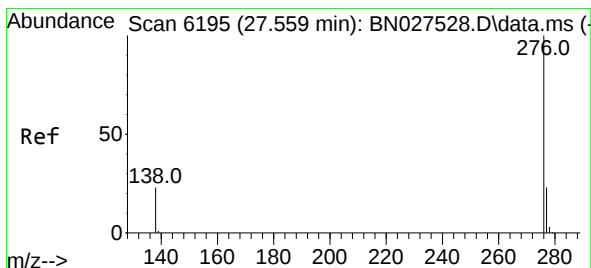
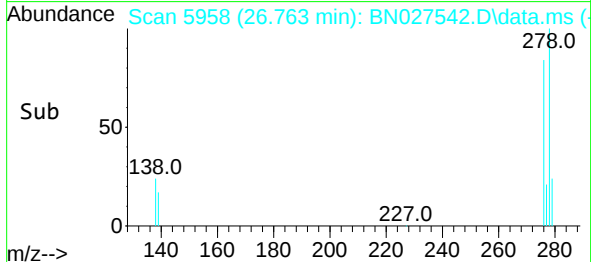
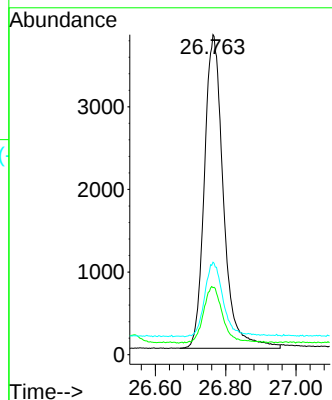
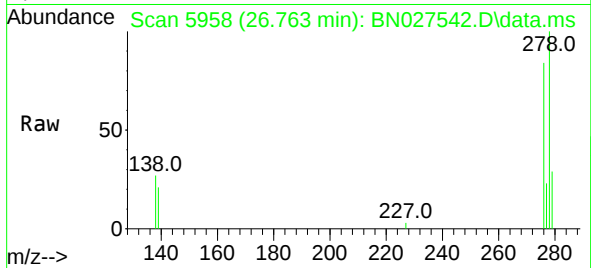




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.763 min Scan# 5958
Delta R.T. -0.014 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS348

Tgt Ion:278 Resp: 14243
Ion Ratio Lower Upper
278 100
139 21.0 18.0 27.0
279 28.9 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 27.572 min Scan# 6199
Delta R.T. -0.011 min
Lab File: BN027542.D
Acq: 10 Sep 2023 16:02

Tgt Ion:276 Resp: 15371
Ion Ratio Lower Upper
276 100
138 25.8 22.1 33.1
277 25.2 20.2 30.4

