

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027941.D
 Acq On : 29 Sep 2023 00:19
 Operator : MA/JU
 Sample : PB155827BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS827

Quant Time: Sep 29 04:01:19 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)

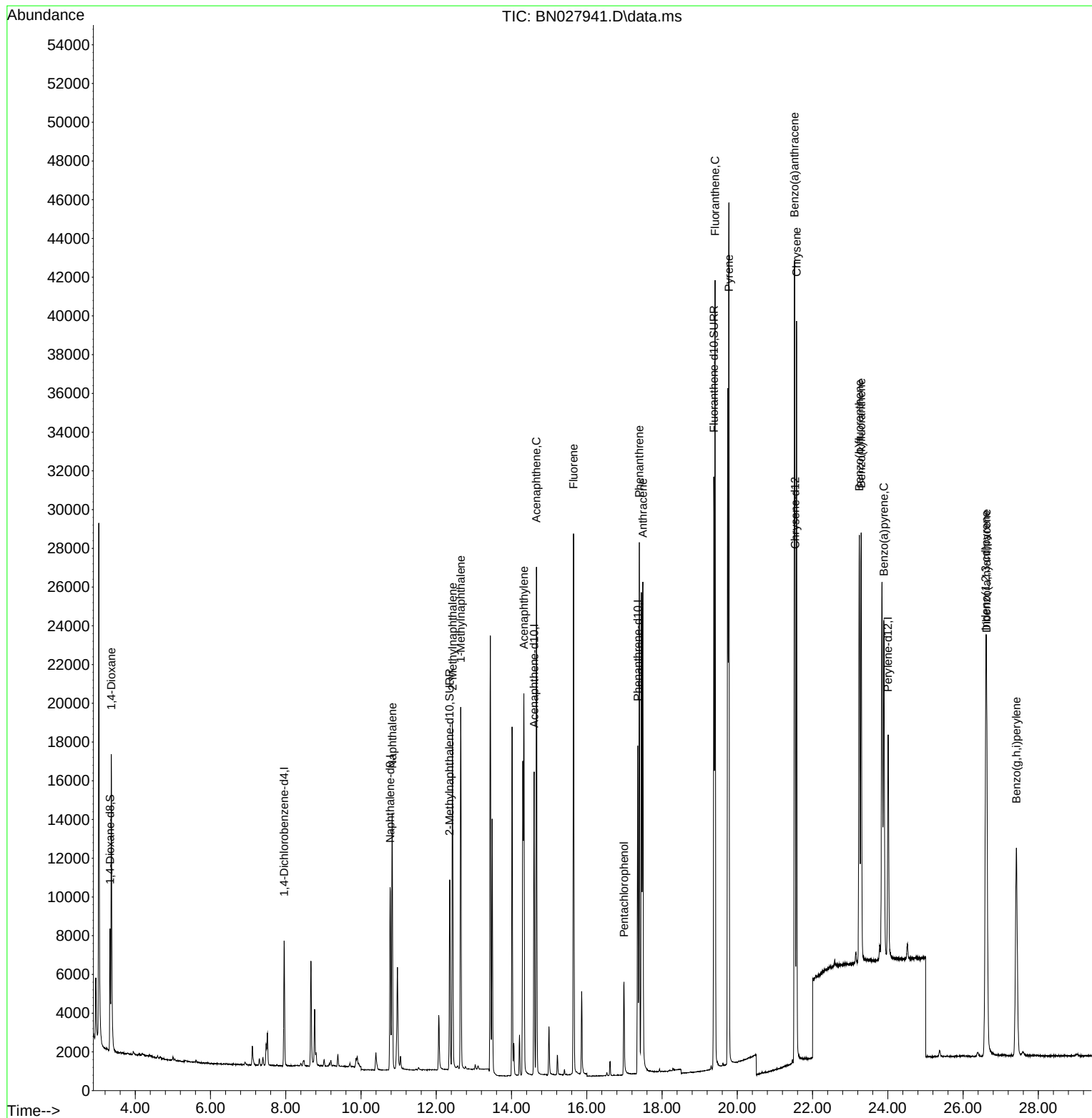
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	13208	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.601	164	8827	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	19485	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17406	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	16043	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4334	1.053	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	12659	0.633	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	32041	0.603	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	11195	2.612	ng/ul#	84
5) Naphthalene	10.828	128	18512	0.490	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	12959	0.541	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	12744	0.516	ng/ul	98
10) Acenaphthylene	14.328	152	21598	0.560	ng/ul	99
11) Acenaphthene	14.661	153	15429	0.463	ng/ul	98
12) Fluorene	15.647	166	17698	0.452	ng/ul	99
14) Pentachlorophenol	16.987	266	3612	0.792	ng/ul	99
15) Phenanthrene	17.396	178	28668	0.468	ng/ul	99
16) Anthracene	17.489	178	27430	0.535	ng/ul	99
19) Fluoranthene	19.408	202	34533	0.491	ng/ul	99
20) Pyrene	19.775	202	36625	0.505	ng/ul	99
21) Benzo(a)anthracene	21.519	228	34266	0.509	ng/ul	100
22) Chrysene	21.574	228	32812	0.471	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	30282	0.423	ng/ul	97
25) Benzo(k)fluoranthene	23.293	252	30561	0.441	ng/ul	98
26) Benzo(a)pyrene	23.895	252	27641	0.481	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.603	276	31159	0.423	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.626	278	25592	0.431	ng/ul	98
29) Benzo(g,h,i)perylene	27.418	276	25173	0.402	ng/ul	98

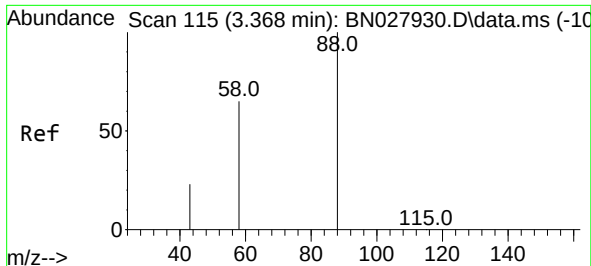
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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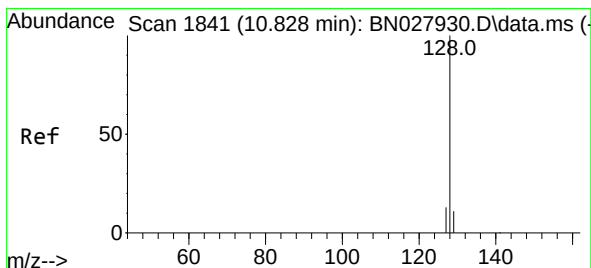
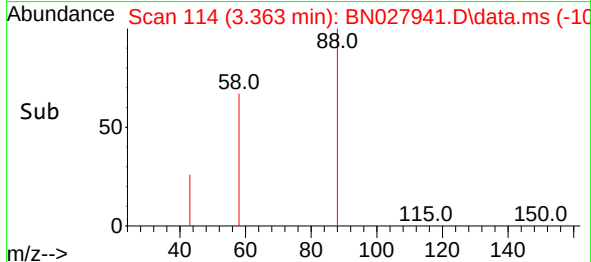
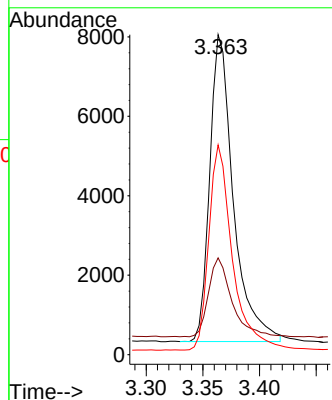
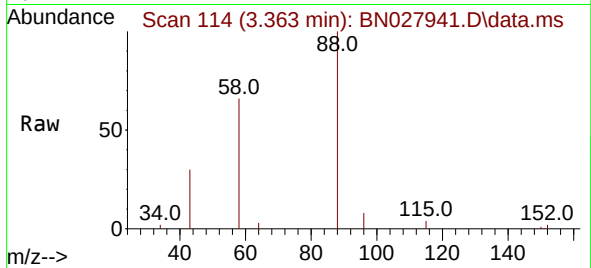




#2
1,4-Dioxane
Concen: 2.612 ng/ul
RT: 3.363 min Scan# 111
Delta R.T. -0.004 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

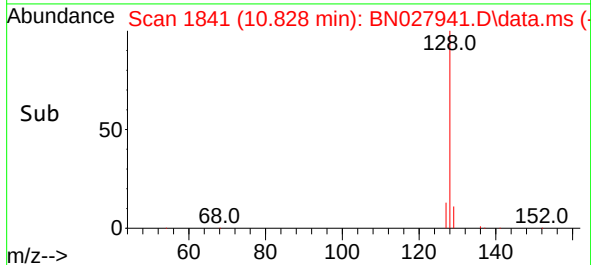
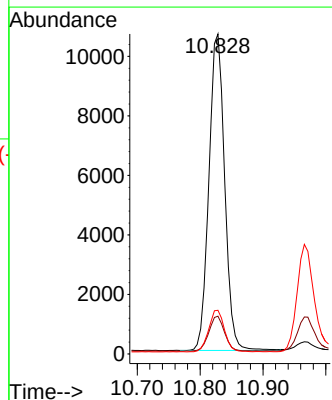
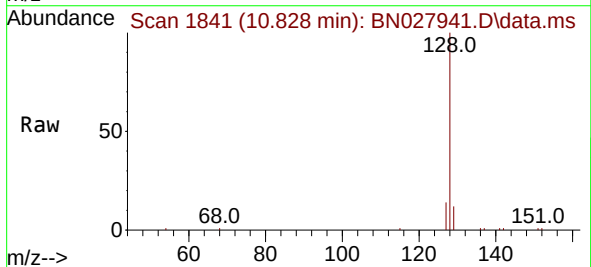
Instrument :
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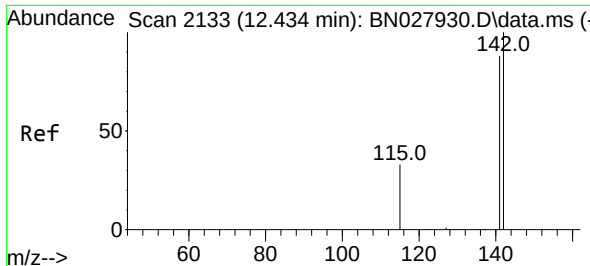
Tgt Ion: 88 Resp: 11195
Ion Ratio Lower Upper
88 100
43 30.3 39.6 59.4#
58 65.6 48.3 72.5



#5
Naphthalene
Concen: 0.490 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:128 Resp: 18512
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.7 10.7 16.1

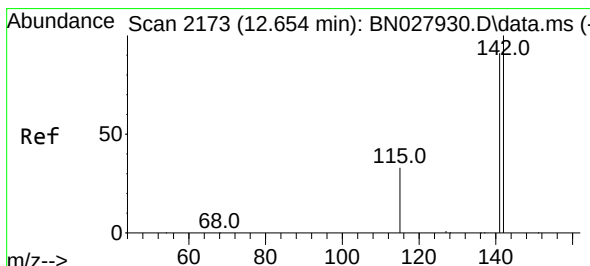
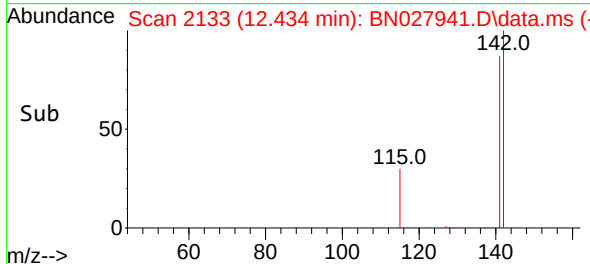
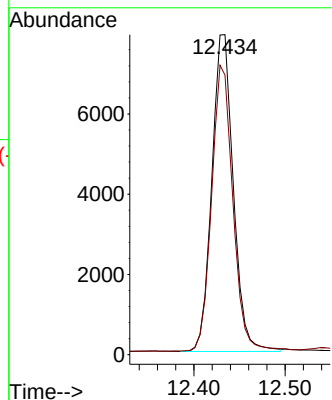
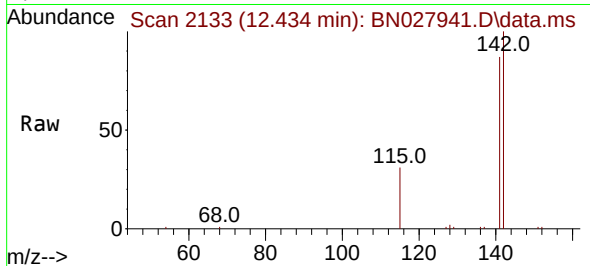




#7
2-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

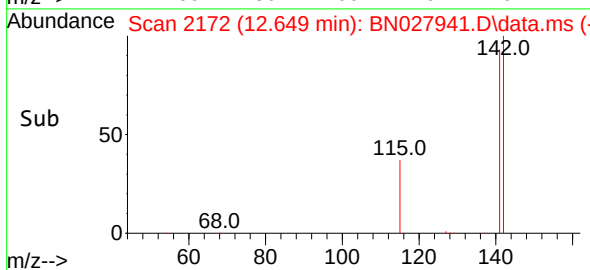
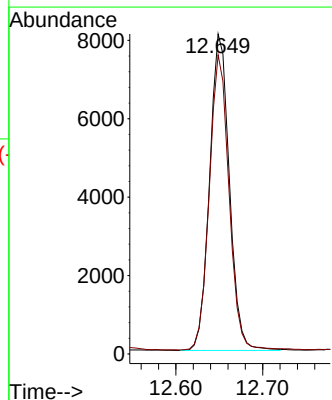
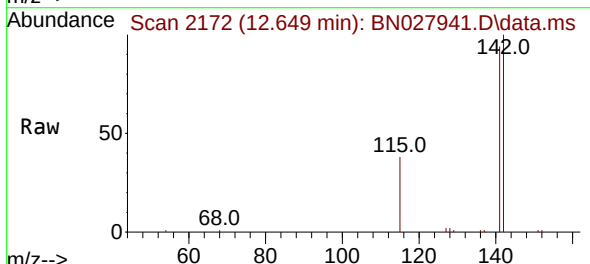
Instrument :
BNA_N
ClientSampleId :
SLCS827

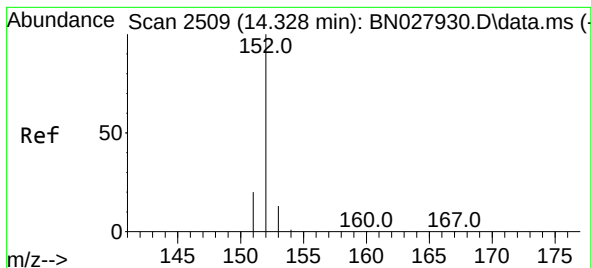
Tgt Ion:142 Resp: 12959
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.516 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:142 Resp: 12744
Ion Ratio Lower Upper
142 100
141 92.5 72.8 109.2





#10

Acenaphthylene

Concen: 0.560 ng/ul

RT: 14.328 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BN027941.D

Acq: 29 Sep 2023 00:19

Instrument :

BNA_N

ClientSampleId :

SLCS827

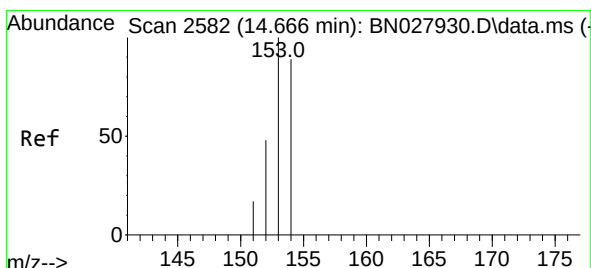
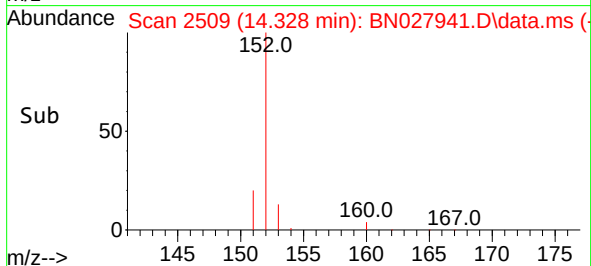
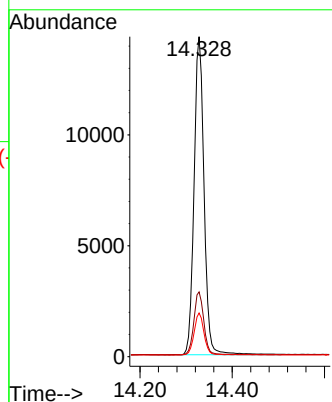
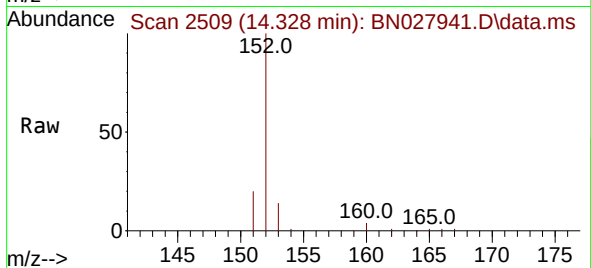
Tgt Ion:152 Resp: 21598

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

153 13.6 11.0 16.6



#11

Acenaphthene

Concen: 0.463 ng/ul

RT: 14.661 min Scan# 2581

Delta R.T. -0.005 min

Lab File: BN027941.D

Acq: 29 Sep 2023 00:19

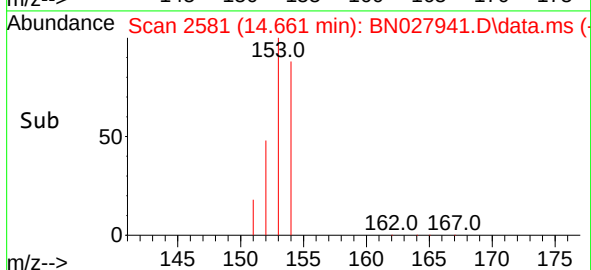
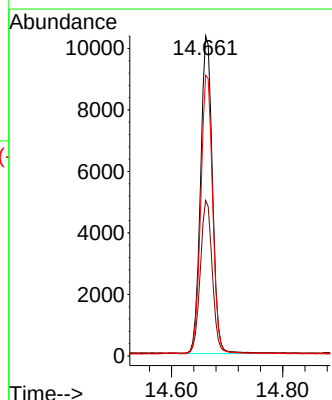
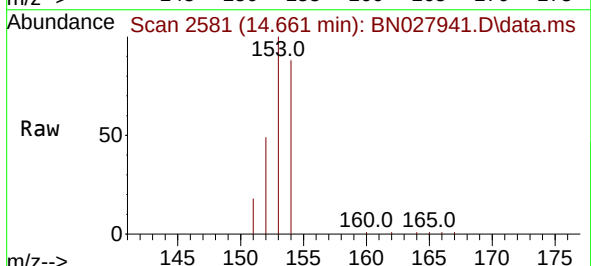
Tgt Ion:153 Resp: 15429

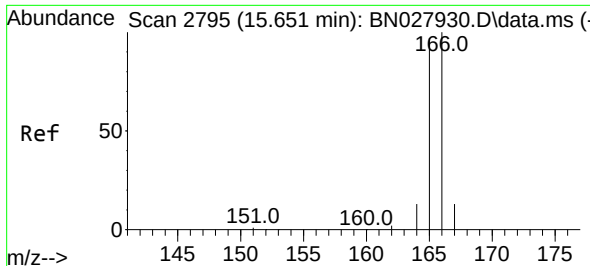
Ion Ratio Lower Upper

153 100

152 48.6 41.7 62.5

154 87.7 70.3 105.5

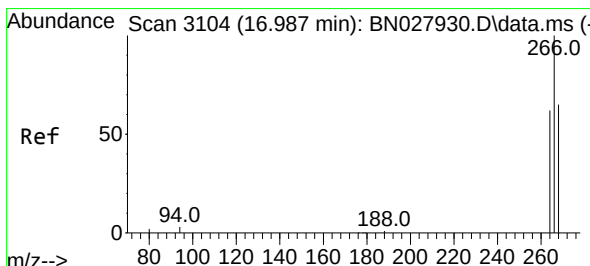
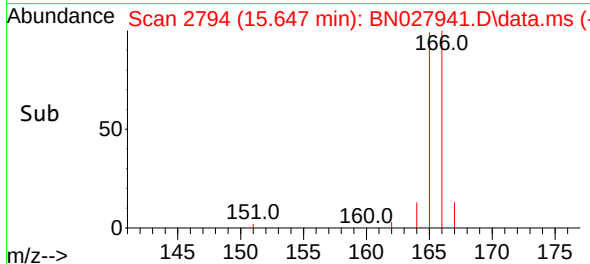
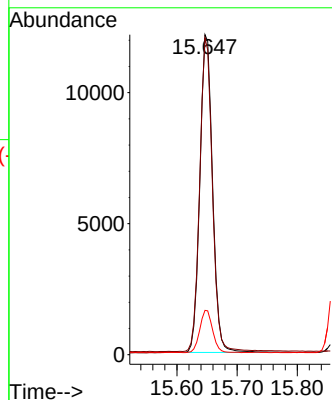
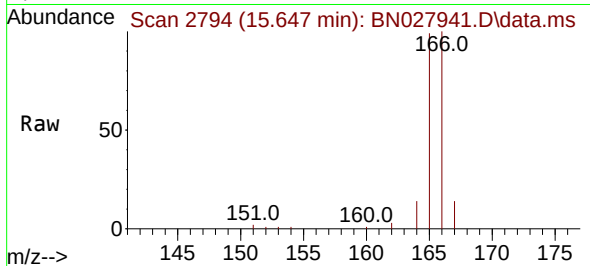




#12
Fluorene
Concen: 0.452 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

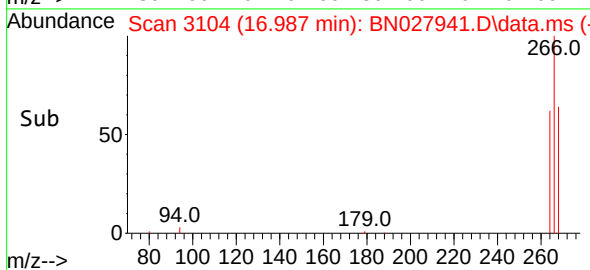
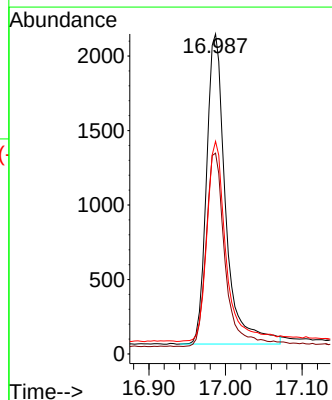
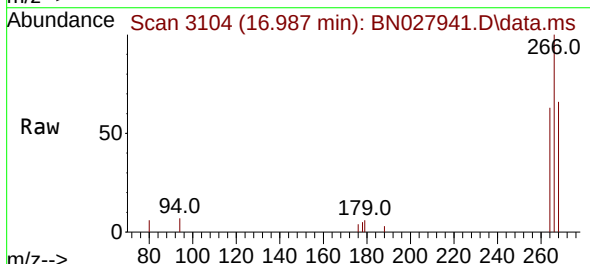
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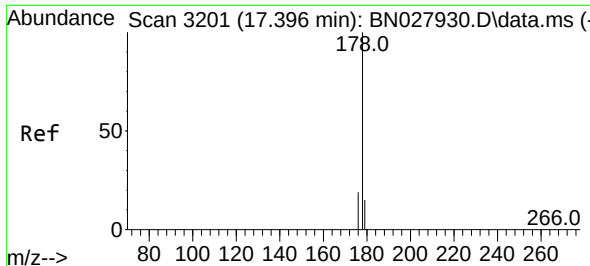
Tgt Ion:166 Resp: 17698
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 13.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.792 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:266 Resp: 3612
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 64.6 50.7 76.1

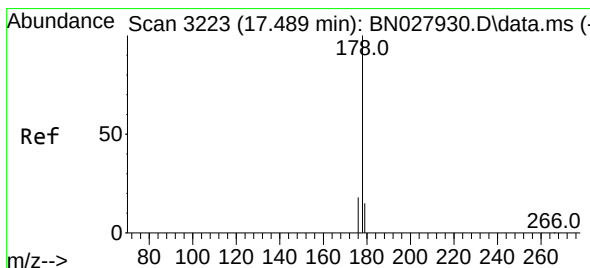
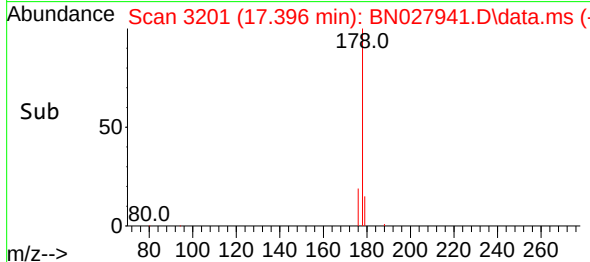
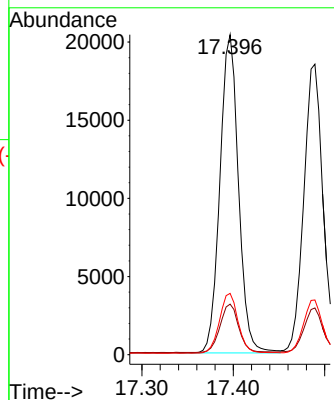
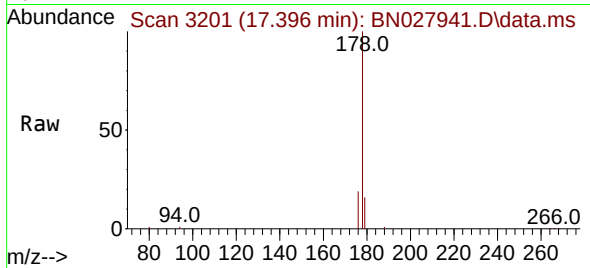




#15
Phenanthrene
Concen: 0.468 ng/u1
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

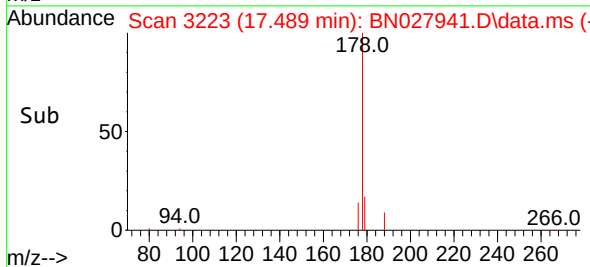
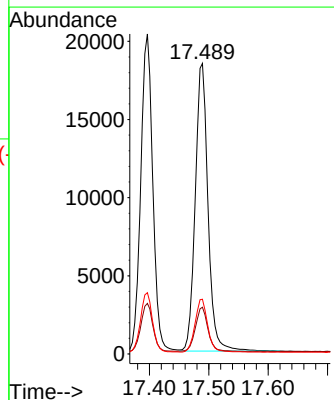
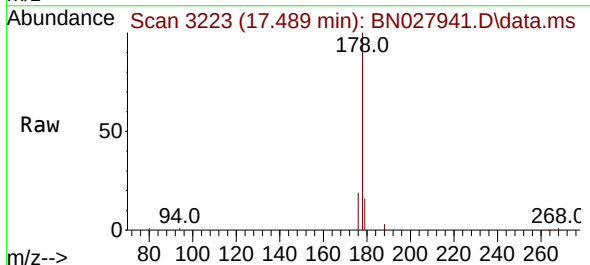
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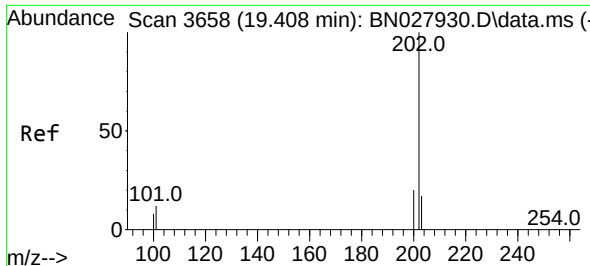
Tgt Ion:178 Resp: 28668
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.535 ng/u1
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:178 Resp: 27430
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 18.8 15.5 23.3

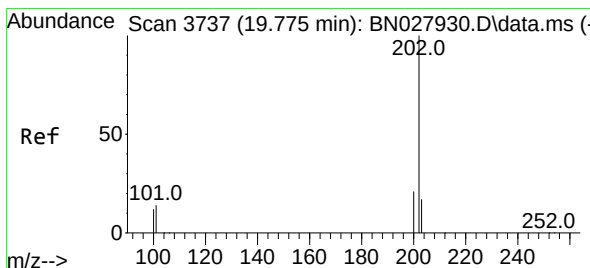
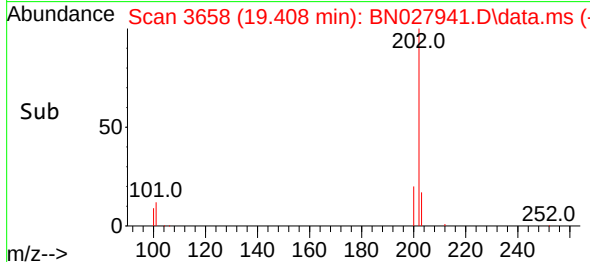
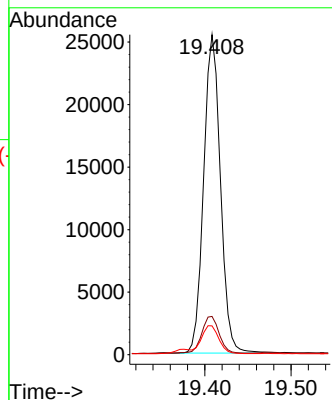
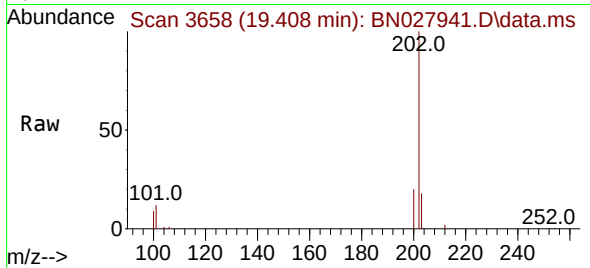




#19
Fluoranthene
Concen: 0.491 ng/u1
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

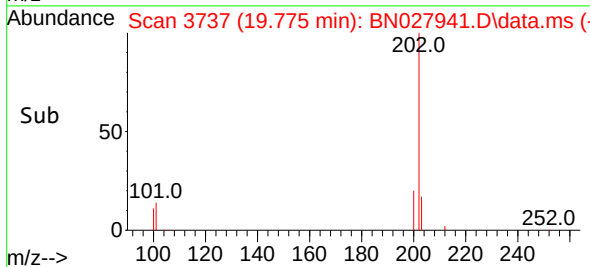
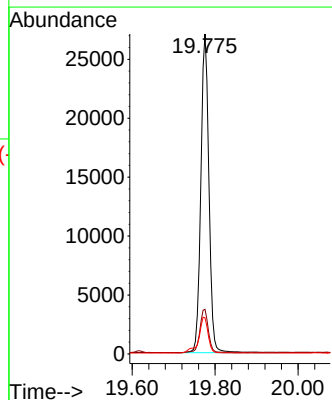
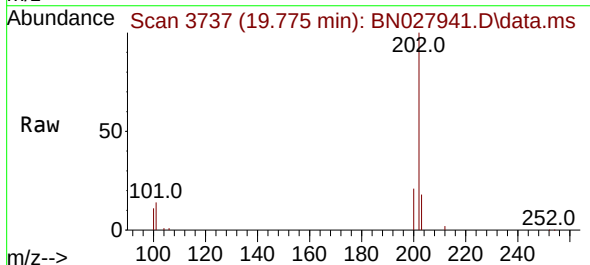
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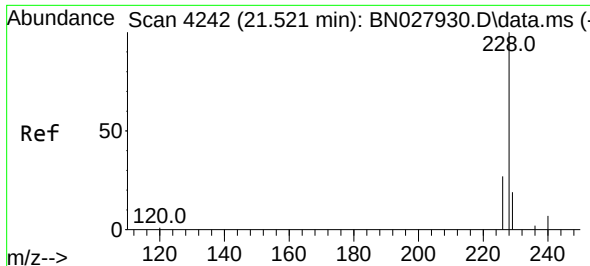
Tgt Ion:202 Resp: 34533
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.505 ng/u1
RT: 19.775 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:202 Resp: 36625
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.3 9.1 13.7

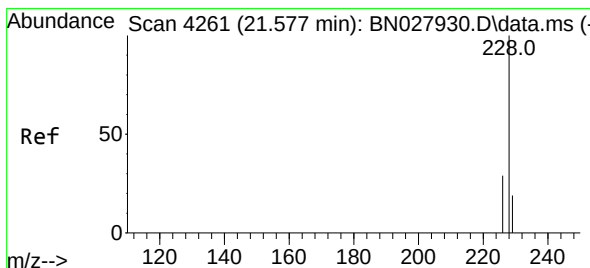
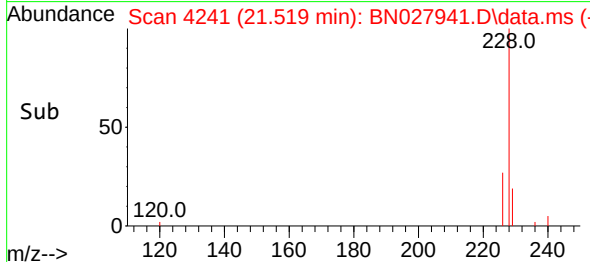
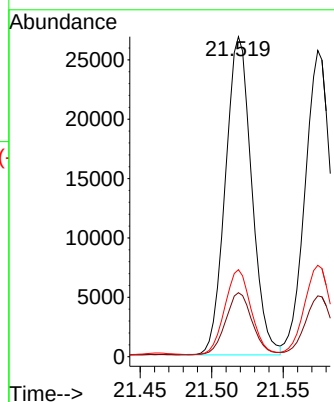
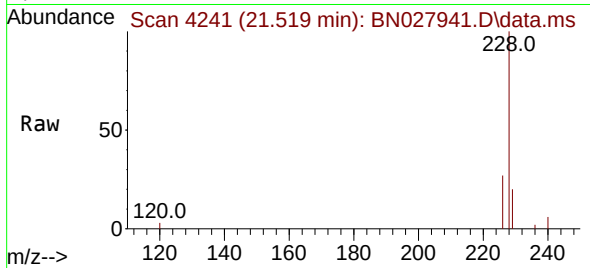




#21
Benzo(a)anthracene
Concen: 0.509 ng/ul
RT: 21.519 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

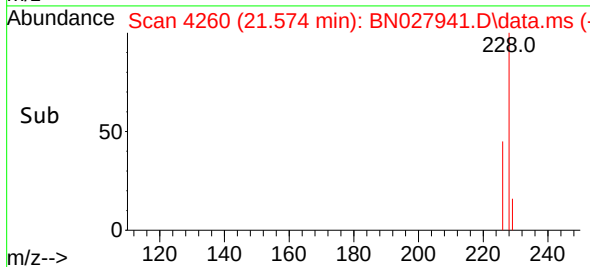
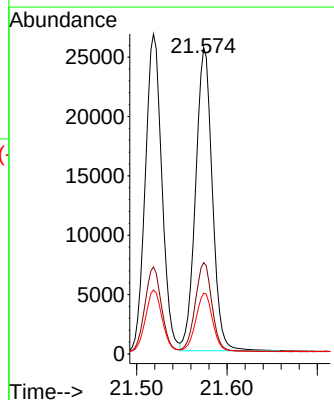
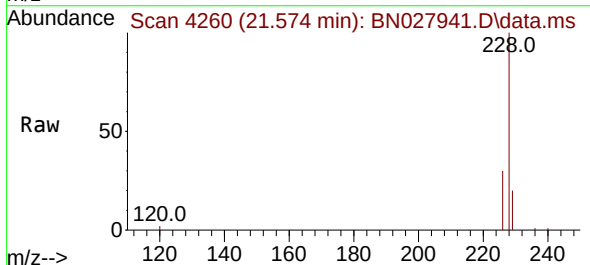
Instrument :
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ClientSampleId :
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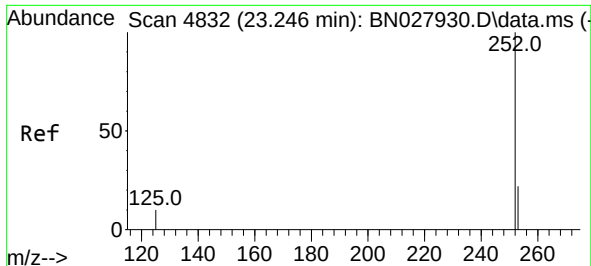
Tgt Ion:228 Resp: 34266
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.2 22.0 33.0



#22
Chrysene
Concen: 0.471 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:228 Resp: 32812
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 19.8 16.0 24.0

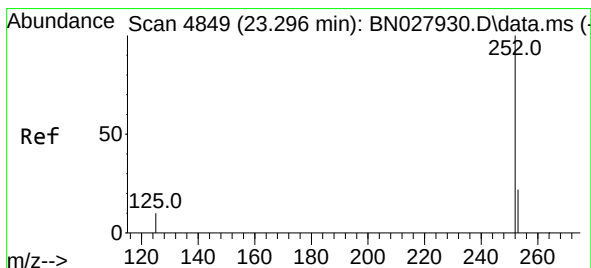
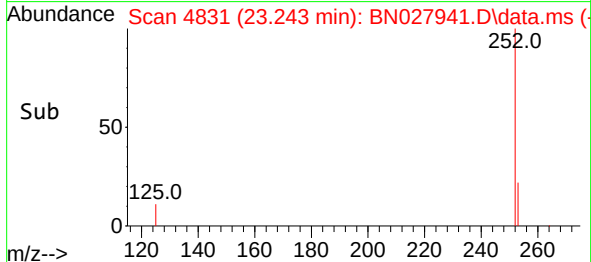
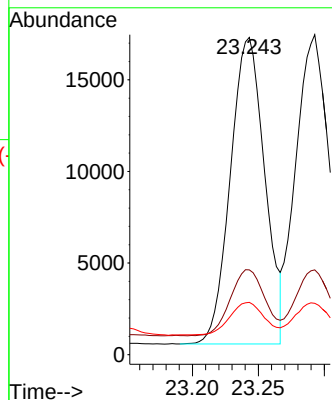
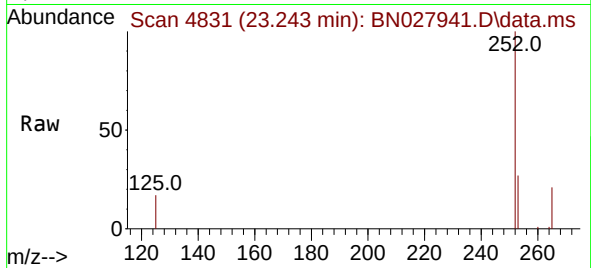




#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

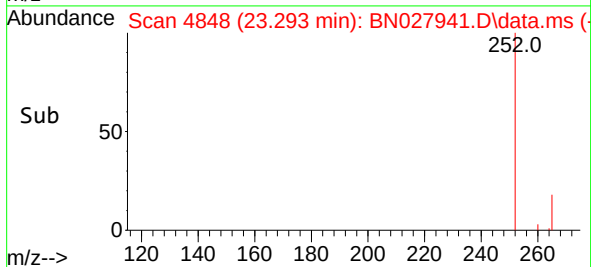
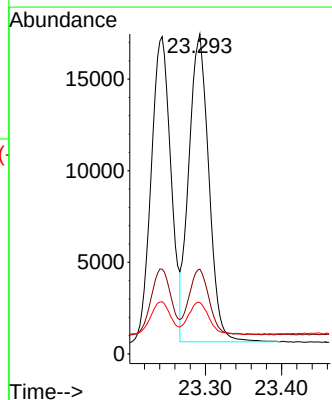
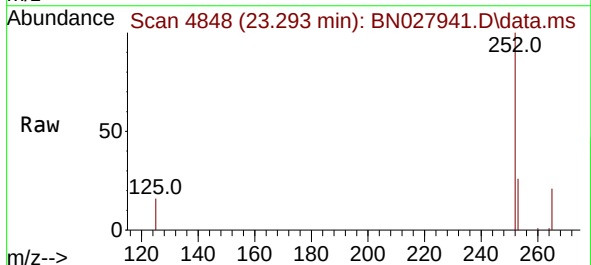
Instrument :
BNA_N
ClientSampleId :
SLCS827

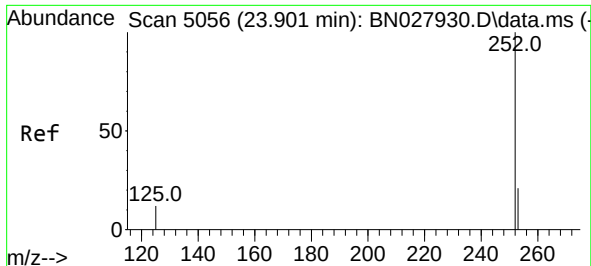
Tgt Ion:252 Resp: 30282
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.2
125 16.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:252 Resp: 30561
Ion Ratio Lower Upper
252 100
253 26.5 19.9 29.9
125 16.0 12.6 19.0

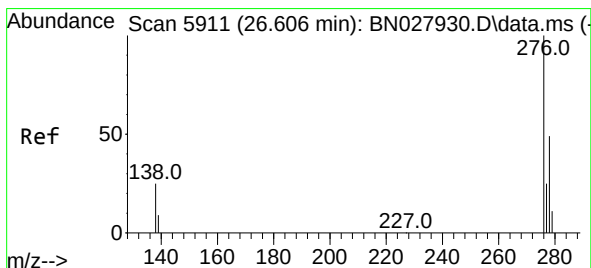
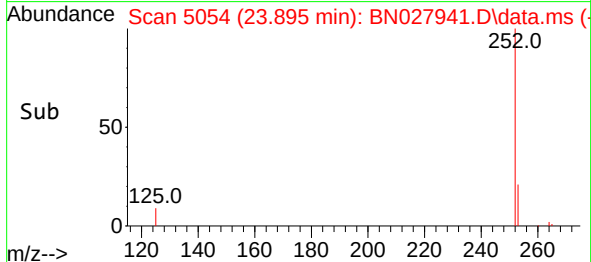
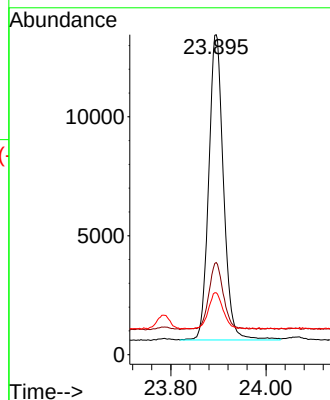
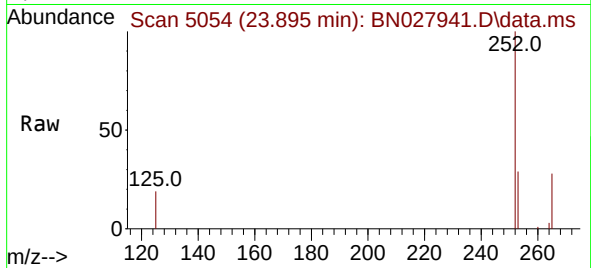




#26
Benzo(a)pyrene
Concen: 0.481 ng/ul
RT: 23.895 min Scan# 5056
Delta R.T. 0.000 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

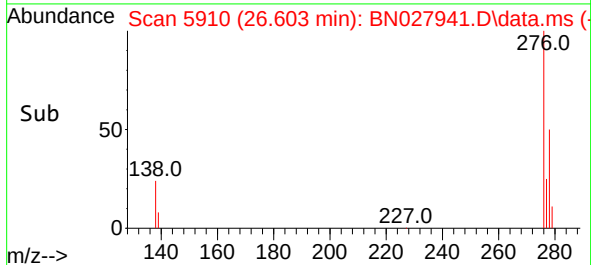
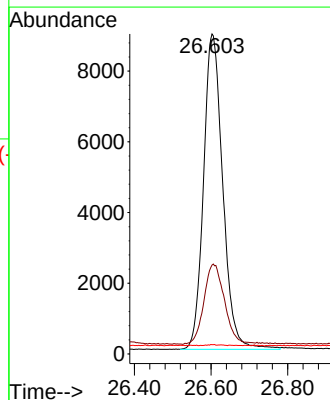
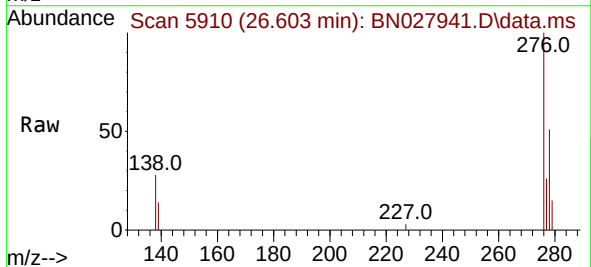
Instrument :
BNA_N
ClientSampleId :
SLCS827

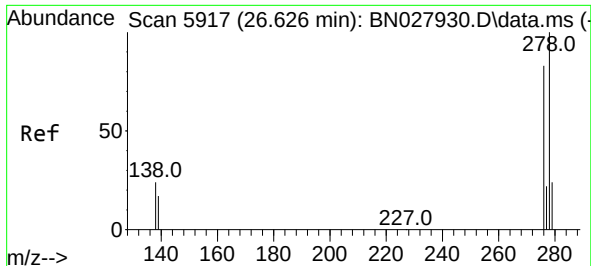
Tgt Ion:252	Resp:	27641
Ion Ratio	Lower	Upper
252	100	
253	28.8	21.9 32.9
125	19.3	15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.003 min
Lab File: BN027941.D
Acq: 29 Sep 2023 00:19

Tgt Ion:276	Resp:	31159
Ion Ratio	Lower	Upper
276	100	
138	27.2	24.3 36.5
227	0.2	0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.431 ng/ul

RT: 26.626 min Scan# 5917

Delta R.T. 0.003 min

Lab File: BN027941.D

Acq: 29 Sep 2023 00:19

Instrument :

BNA_N

ClientSampleId :

SLCS827

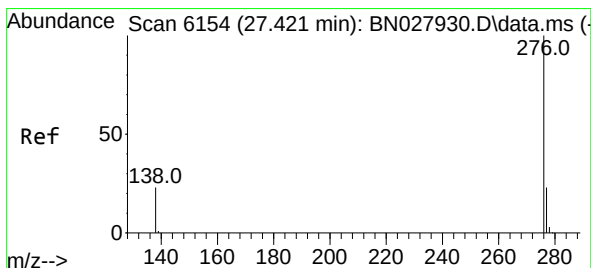
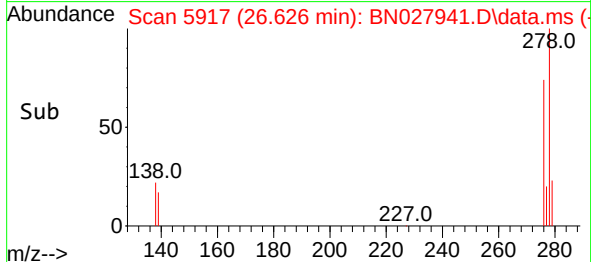
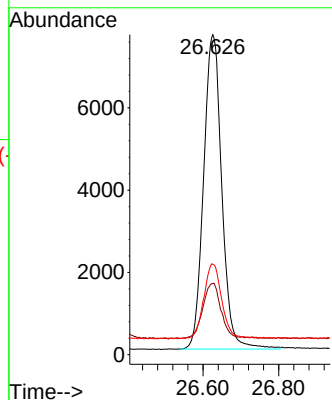
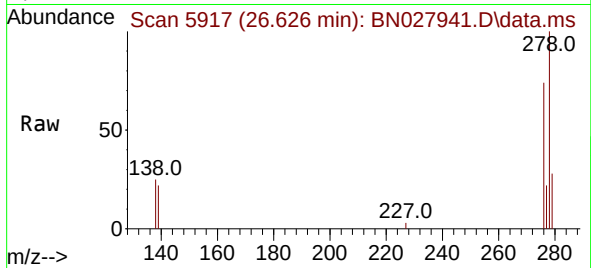
Tgt Ion:278 Resp: 25592

Ion Ratio Lower Upper

278 100

139 22.3 17.2 25.8

279 28.3 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.402 ng/ul

RT: 27.418 min Scan# 6153

Delta R.T. 0.007 min

Lab File: BN027941.D

Acq: 29 Sep 2023 00:19

Tgt Ion:276 Resp: 25173

Ion Ratio Lower Upper

276 100

138 26.0 21.7 32.5

277 25.8 20.2 30.2

