

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034927.D
 Acq On : 09 Nov 2024 05:41
 Operator : RC/JU
 Sample : PB164771BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS771

Quant Time: Nov 09 06:03:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

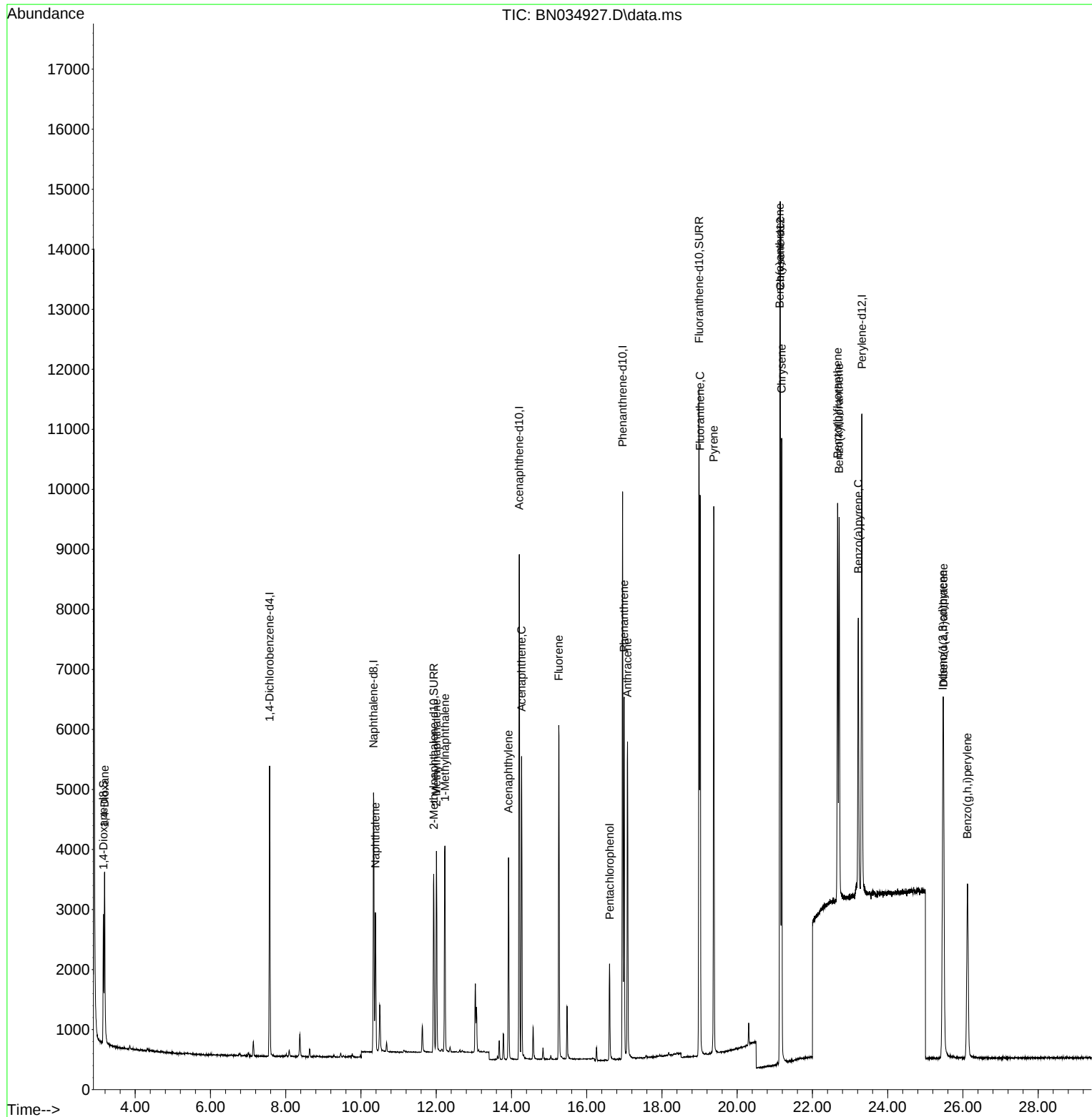
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	2351	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	5960	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	4523	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	11560	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	11222	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264	10320	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1604	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	3904	0.428	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	13083	0.454	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.187	88	2337	0.953	ng/ul#	94
5) Naphthalene	10.383	128	3101	0.208	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	2299	0.207	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	2297	0.205	ng/ul	99
10) Acenaphthylene	13.921	152	3688	0.200	ng/ul	99
11) Acenaphthene	14.268	153	2827	0.202	ng/ul	100
12) Fluorene	15.258	166	3533	0.198	ng/ul	99
14) Pentachlorophenol	16.608	266	1071	0.401	ng/ul	98
15) Phenanthrene	16.996	178	6233	0.202	ng/ul	99
16) Anthracene	17.085	178	5692	0.196	ng/ul	99
19) Fluoranthene	19.014	202	8135	0.217	ng/ul#	96
20) Pyrene	19.376	202	8340	0.214	ng/ul#	96
21) Benzo(a)anthracene	21.131	228	8279	0.204	ng/ul	100
22) Chrysene	21.180	228	8794	0.212	ng/ul	99
24) Benzo(b)fluoranthene	22.668	252	7978	0.220	ng/ul	95
25) Benzo(k)fluoranthene	22.712	252	8127	0.214	ng/ul#	95
26) Benzo(a)pyrene	23.217	252	6744	0.208	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.467	276	7716	0.195	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.483	278	6028	0.195	ng/ul	94
29) Benzo(g,h,i)perylene	26.121	276	6145	0.203	ng/ul#	95

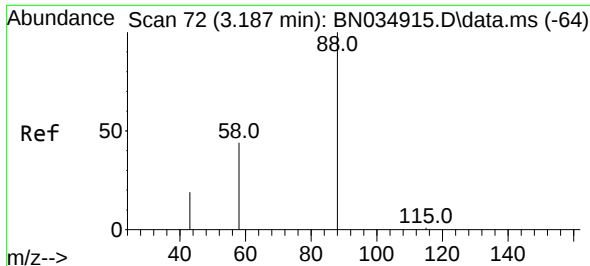
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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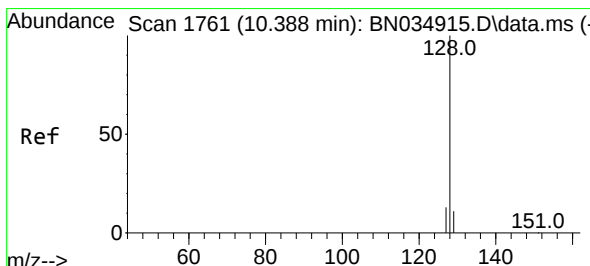
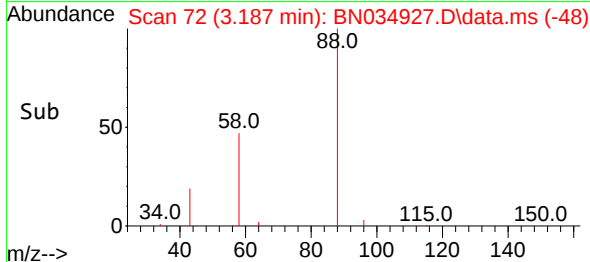
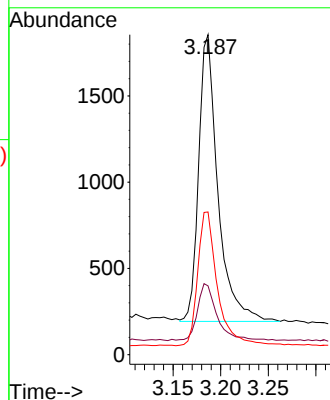
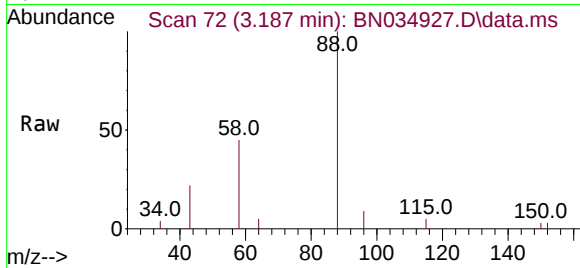




#2
 1,4-Dioxane
 Concen: 0.953 ng/ul
 RT: 3.187 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

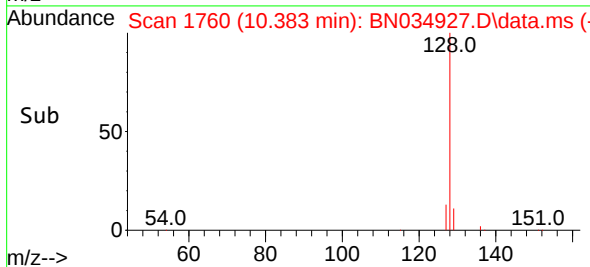
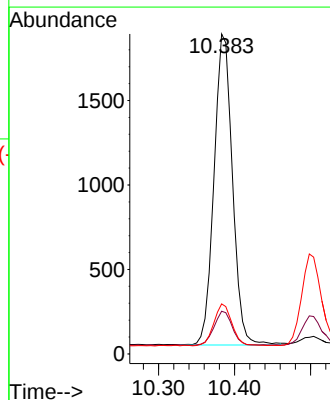
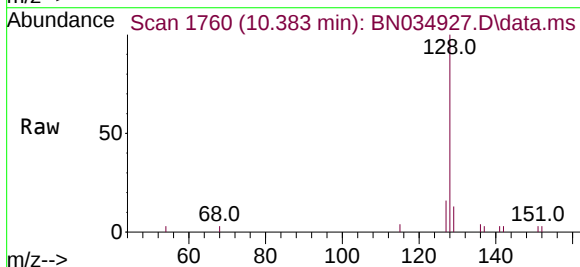
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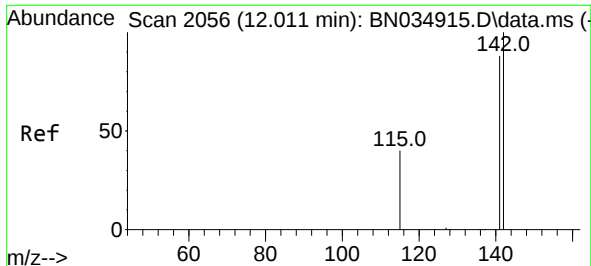
Tgt Ion: 88 Resp: 2337
 Ion Ratio Lower Upper
 88 100
 43 21.5 23.3 34.9#
 58 44.6 35.4 53.2



#5
 Naphthalene
 Concen: 0.208 ng/ul
 RT: 10.383 min Scan# 1760
 Delta R.T. -0.005 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

Tgt Ion:128 Resp: 3101
 Ion Ratio Lower Upper
 128 100
 129 13.4 10.1 15.1
 127 15.6 12.1 18.1

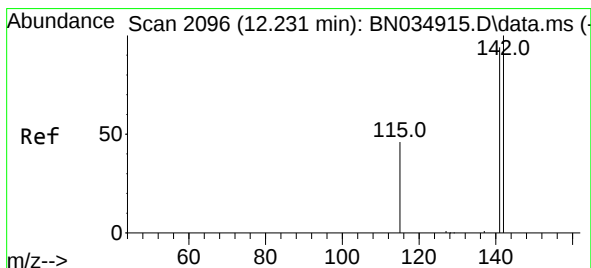
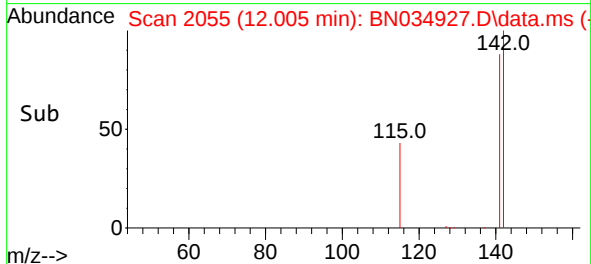
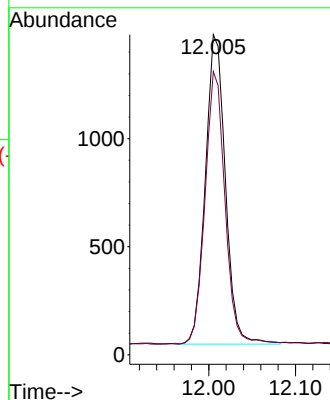
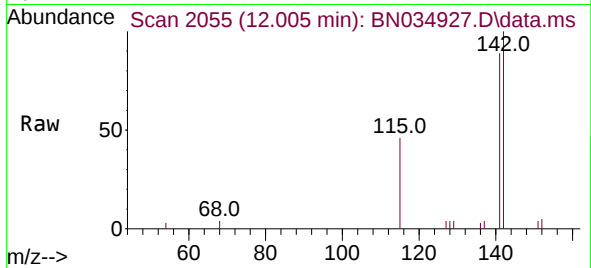




#7
2-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

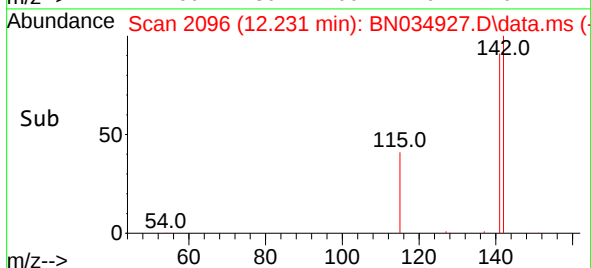
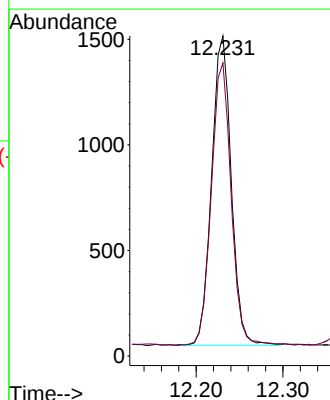
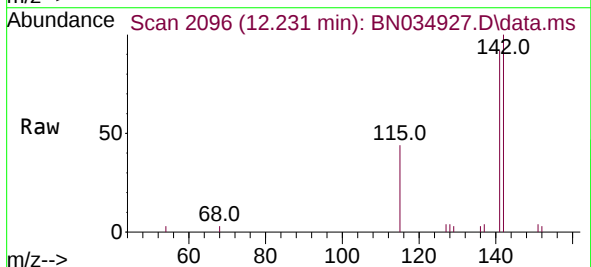
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ClientSampleId :
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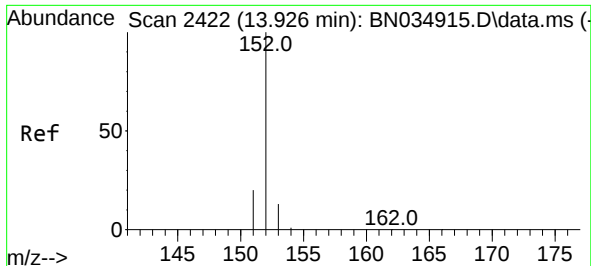
Tgt Ion:142 Resp: 2299
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:142 Resp: 2297
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8

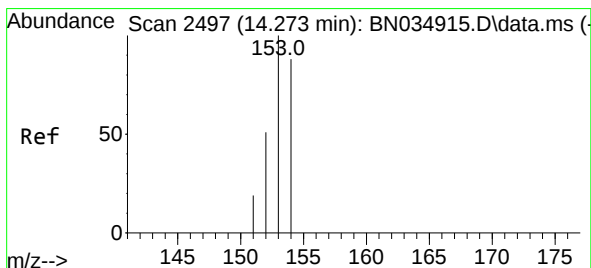
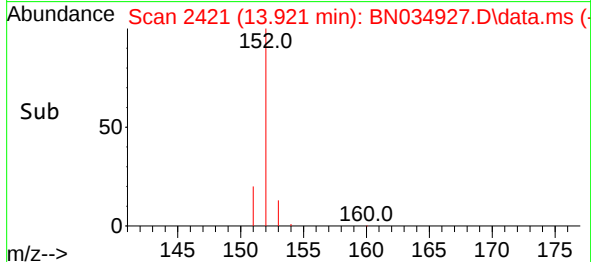
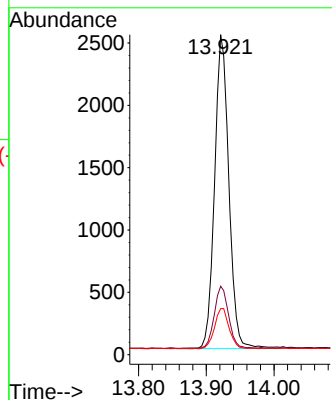
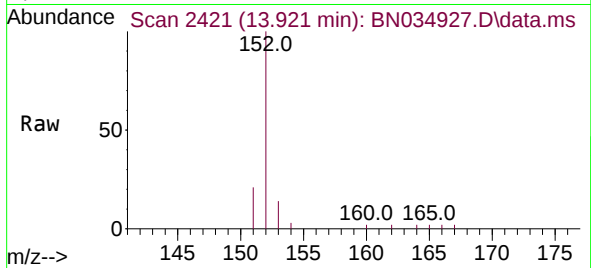




#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

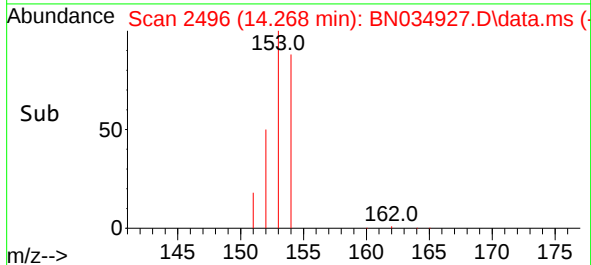
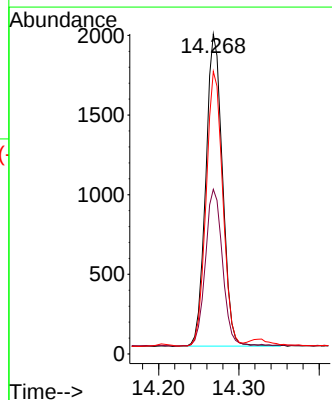
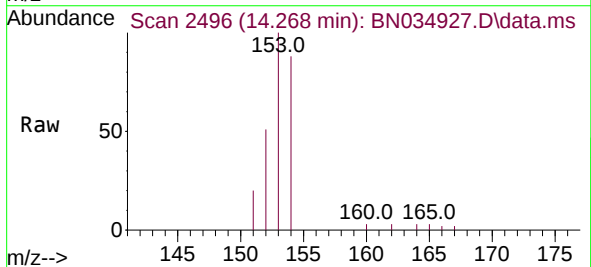
Instrument :
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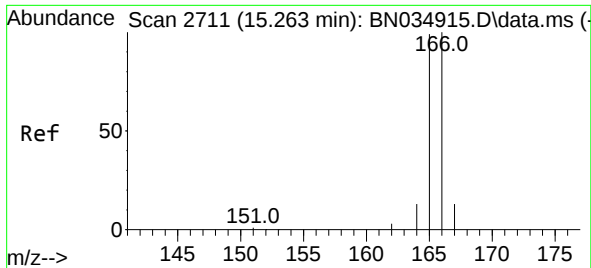
Tgt Ion:152 Resp: 3688
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8
153 14.4 11.0 16.6



#11
Acenaphthene
Concen: 0.202 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:153 Resp: 2827
Ion Ratio Lower Upper
153 100
152 51.5 41.5 62.3
154 88.3 70.9 106.3

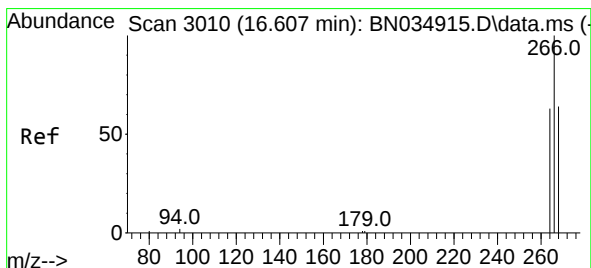
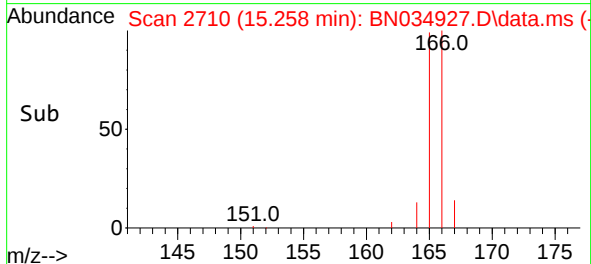
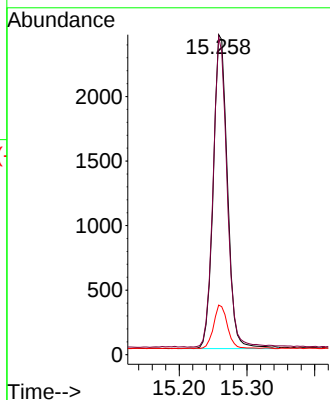
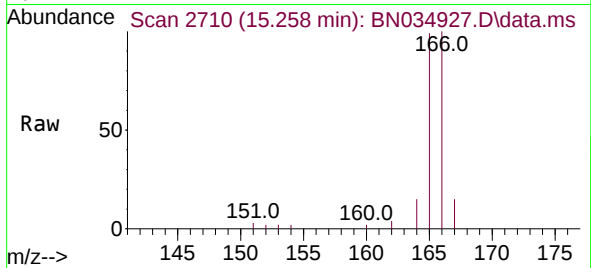




#12
 Fluorene
 Concen: 0.198 ng/ul
 RT: 15.258 min Scan# 2711
 Delta R.T. -0.004 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

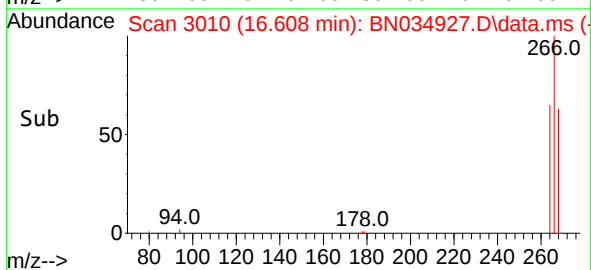
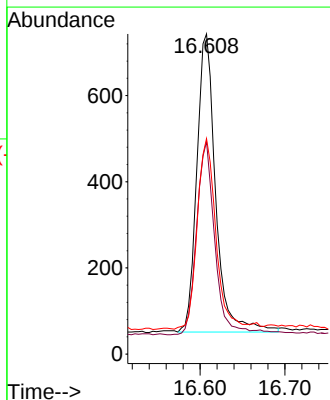
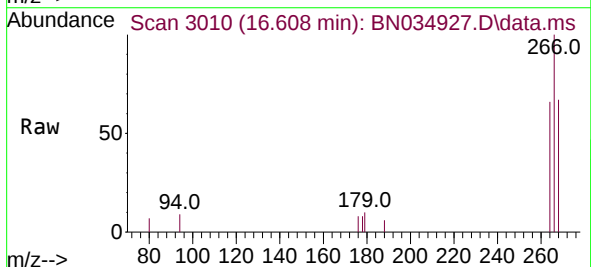
Instrument :
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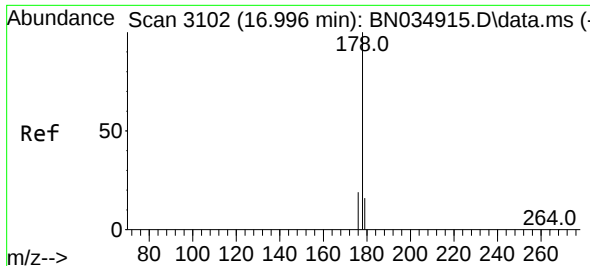
Tgt Ion:166	Resp:	3533
Ion Ratio	Lower	Upper
166	100	
165	99.3	79.0 118.4
167	15.5	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.401 ng/ul
 RT: 16.608 min Scan# 3010
 Delta R.T. 0.000 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

Tgt Ion:266	Resp:	1071
Ion Ratio	Lower	Upper
266	100	
264	63.0	50.2 75.2
268	64.0	48.4 72.6

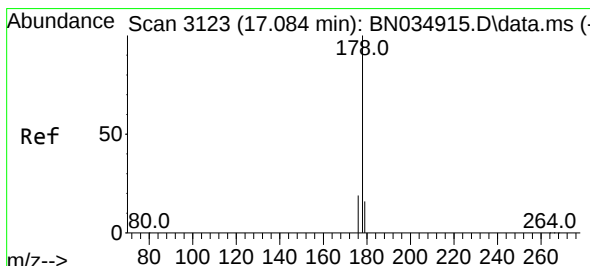
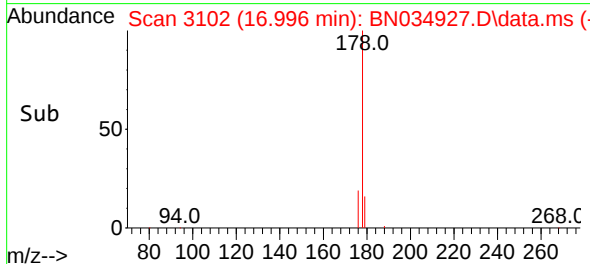
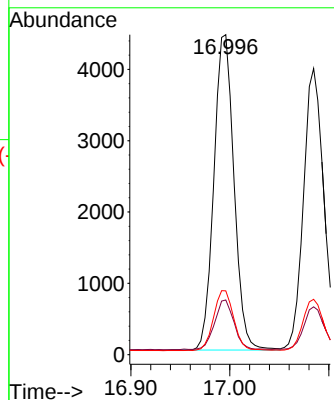
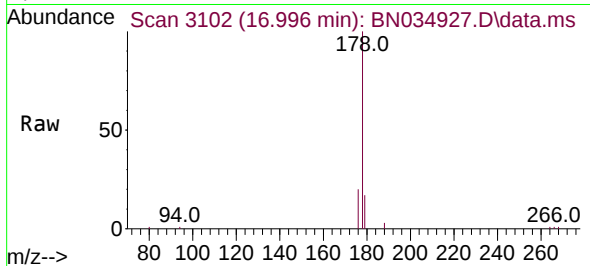




#15
Phenanthrene
Concen: 0.202 ng/u1
RT: 16.996 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

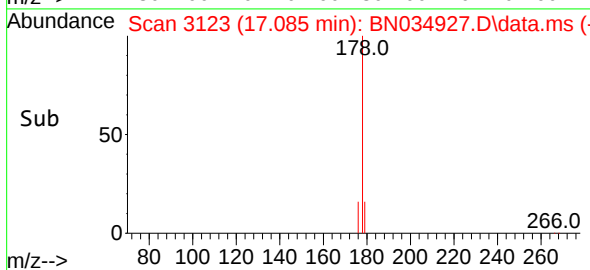
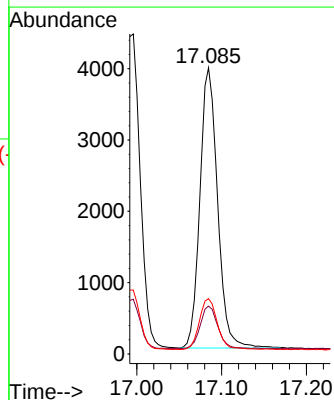
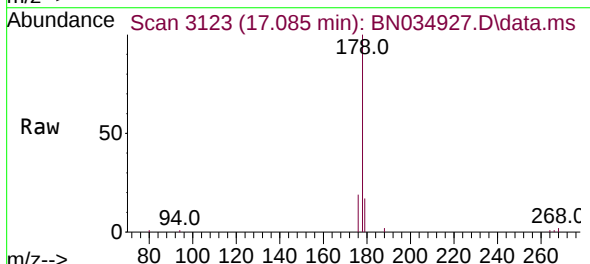
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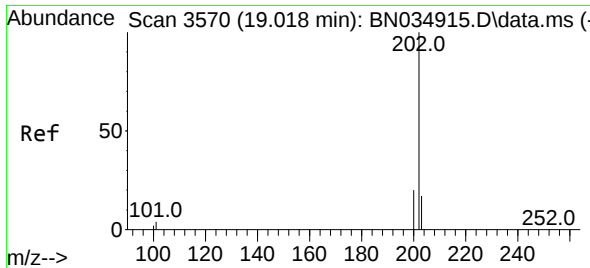
Tgt Ion:178 Resp: 6233
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.196 ng/u1
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:178 Resp: 5692
Ion Ratio Lower Upper
178 100
179 16.7 13.3 19.9
176 19.3 15.8 23.8

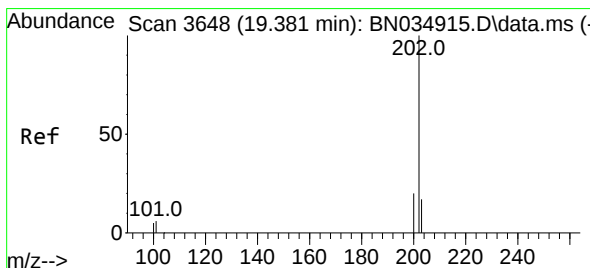
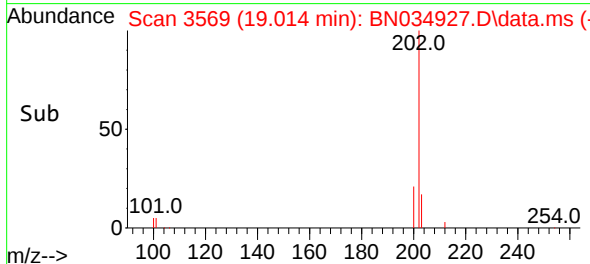
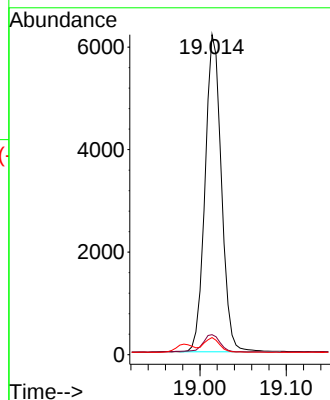
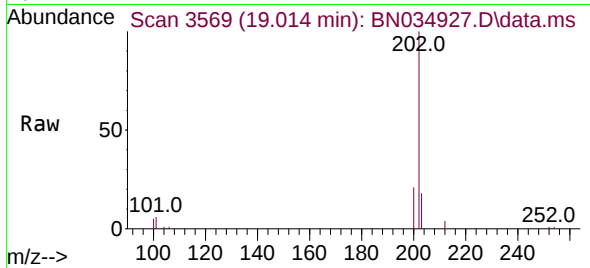




#19
Fluoranthene
Concen: 0.217 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

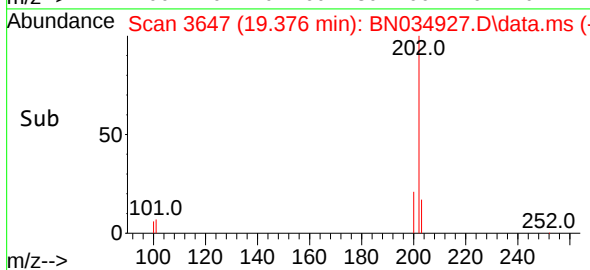
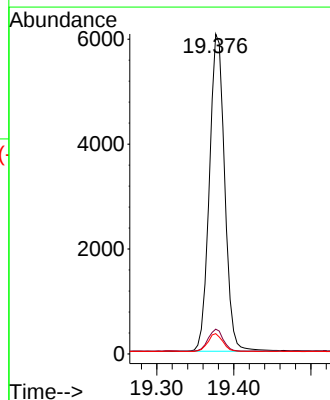
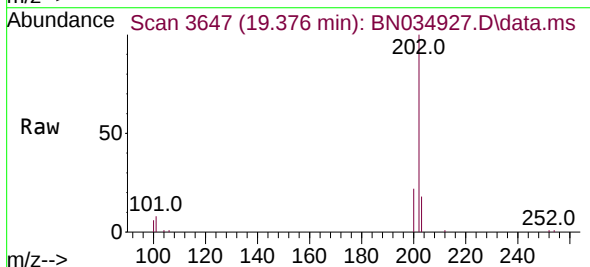
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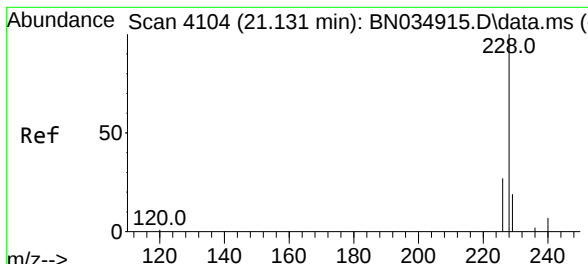
Tgt Ion:202 Resp: 8135
Ion Ratio Lower Upper
202 100
101 6.3 4.2 6.2#
100 5.4 3.2 4.8#



#20
Pyrene
Concen: 0.214 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:202 Resp: 8340
Ion Ratio Lower Upper
202 100
101 7.8 5.0 7.4#
100 6.4 4.1 6.1#



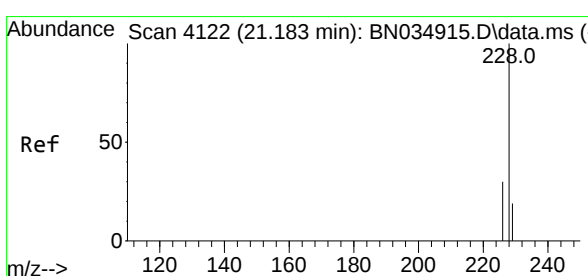
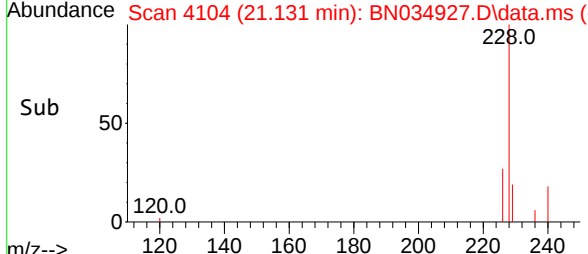
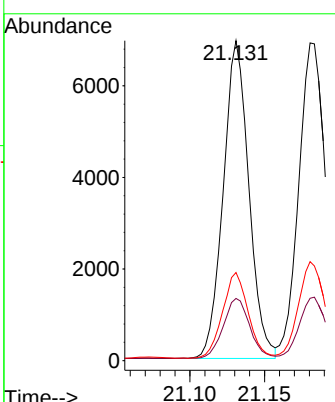
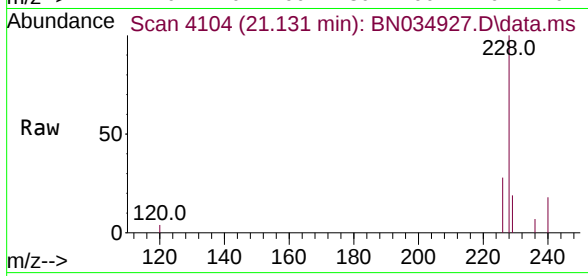


#21
 Benzo(a)anthracene
 Concen: 0.204 ng/ul
 RT: 21.131 min Scan# 4104
 Delta R.T. 0.000 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS771

Tgt Ion:228 Resp: 8279

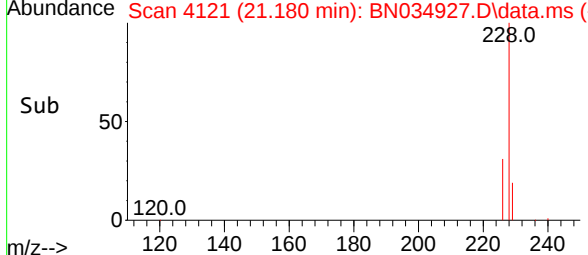
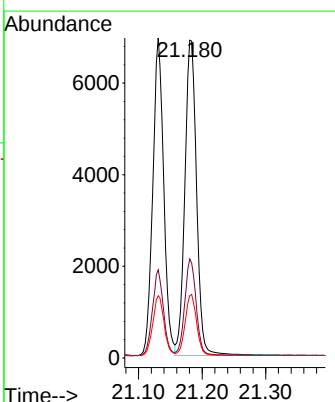
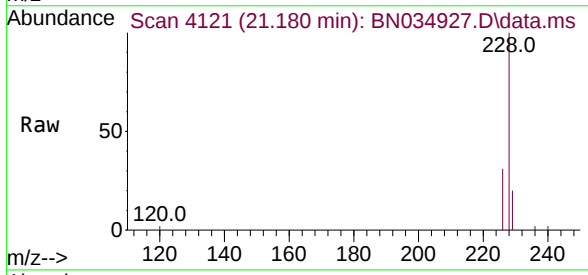
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.6	22.2	33.2

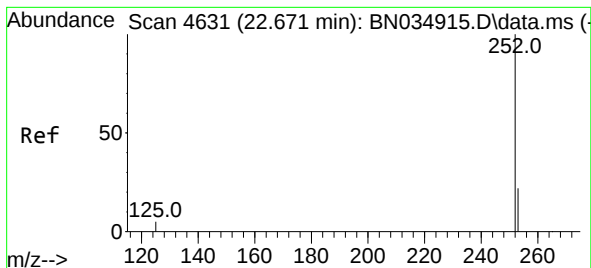


#22
 Chrysene
 Concen: 0.212 ng/ul
 RT: 21.180 min Scan# 4121
 Delta R.T. -0.003 min
 Lab File: BN034927.D
 Acq: 09 Nov 2024 05:41

Tgt Ion:228 Resp: 8794

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	19.6	15.4	23.2





#24

Benzo(b)fluoranthene

Concen: 0.220 ng/ul

RT: 22.668 min Scan# 4630

Delta R.T. -0.003 min

Lab File: BN034927.D

Acq: 09 Nov 2024 05:41

Instrument :

BNA_N

ClientSampleId :

SLCS771

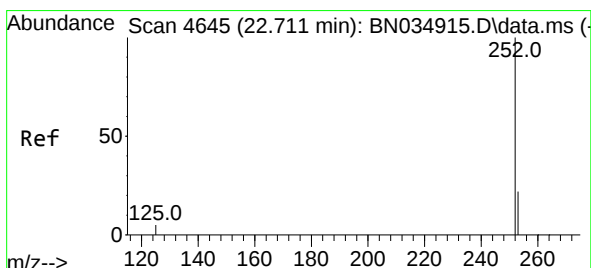
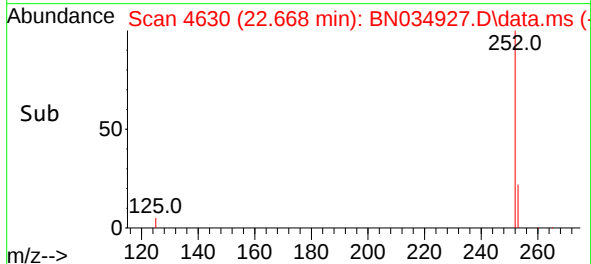
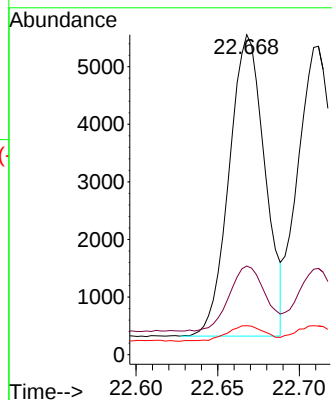
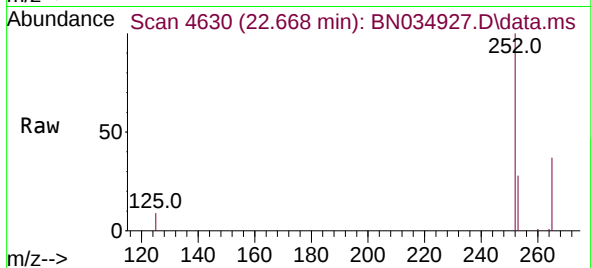
Tgt Ion:252 Resp: 7978

Ion Ratio Lower Upper

252 100

253 27.7 0.0 50.0

125 9.1 0.0 14.0



#25

Benzo(k)fluoranthene

Concen: 0.214 ng/ul

RT: 22.712 min Scan# 4645

Delta R.T. 0.000 min

Lab File: BN034927.D

Acq: 09 Nov 2024 05:41

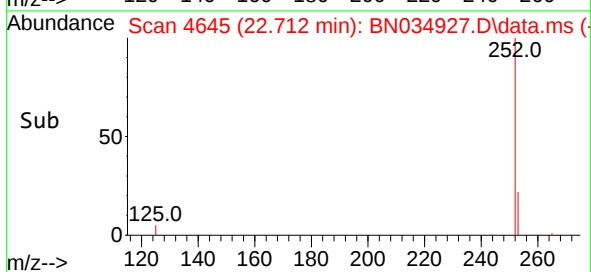
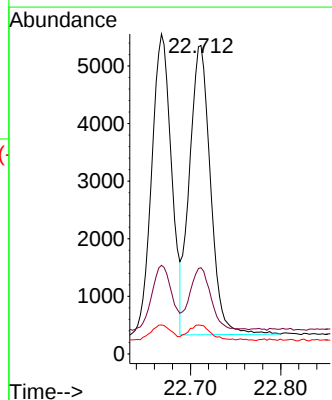
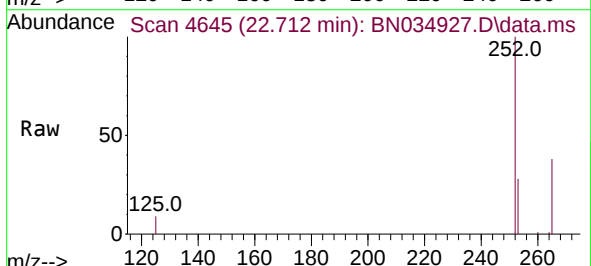
Tgt Ion:252 Resp: 8127

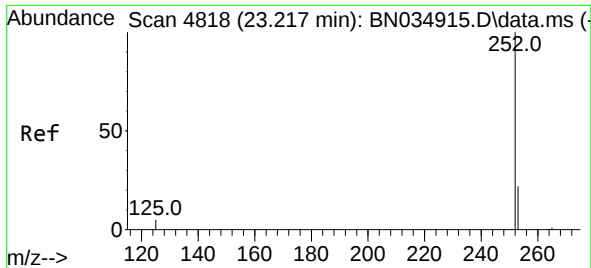
Ion Ratio Lower Upper

252 100

253 28.0 20.2 30.4

125 9.3 5.8 8.8#

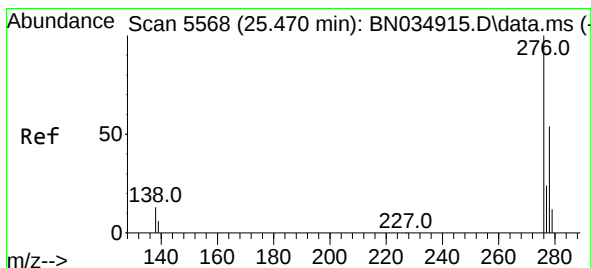
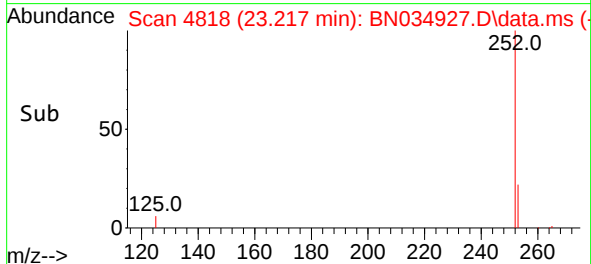
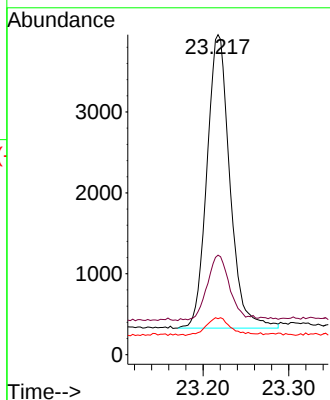
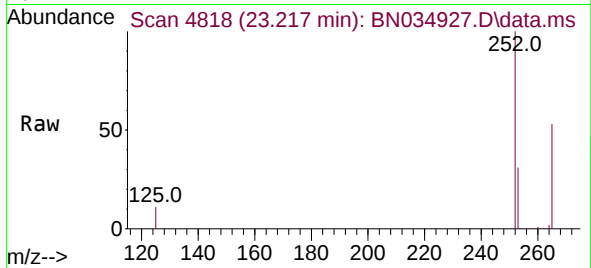




#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 23.217 min Scan# 4818
Delta R.T. 0.000 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

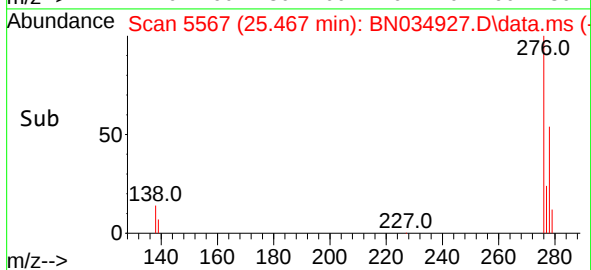
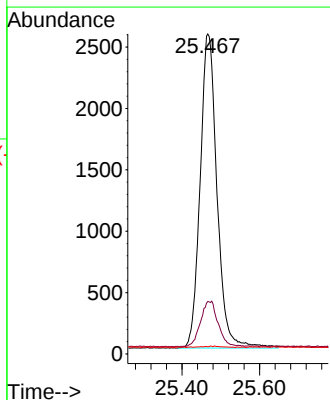
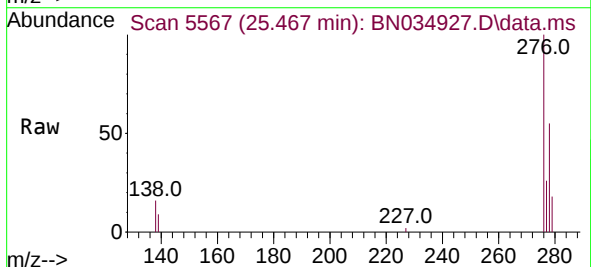
Instrument :
BNA_N
ClientSampleId :
SLCS771

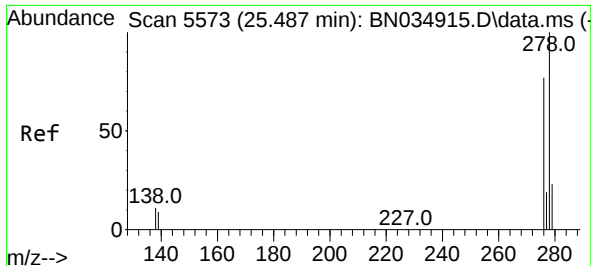
Tgt Ion:252 Resp: 6744
Ion Ratio Lower Upper
252 100
253 31.1 21.2 31.8
125 11.2 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 25.467 min Scan# 5567
Delta R.T. -0.003 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:276 Resp: 7716
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 0.1 0.2 0.4#

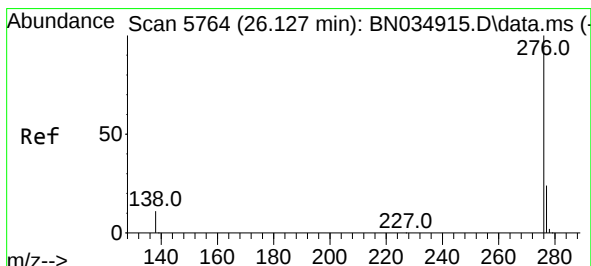
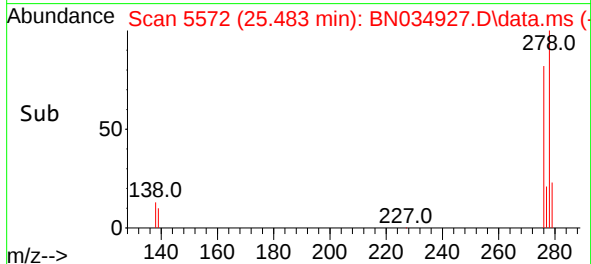
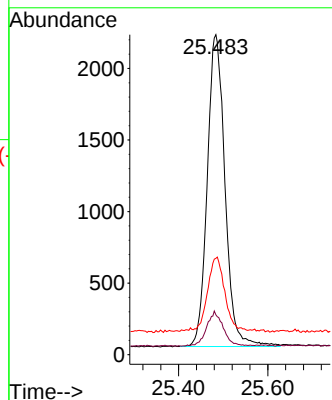
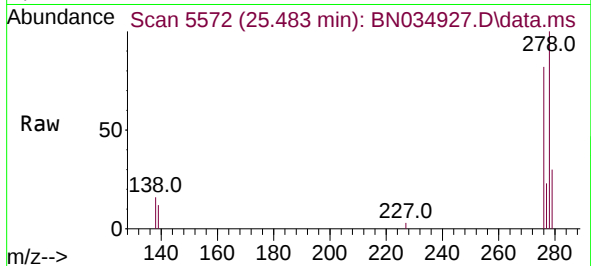




#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 25.483 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Instrument :
BNA_N
ClientSampleId :
SLCS771

Tgt Ion:278 Resp: 6028
Ion Ratio Lower Upper
278 100
139 12.4 8.4 12.6
279 30.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.121 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BN034927.D
Acq: 09 Nov 2024 05:41

Tgt Ion:276 Resp: 6145
Ion Ratio Lower Upper
276 100
138 15.7 10.3 15.5#
277 26.9 20.2 30.2

