

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032778.D
 Acq On : 17 Jul 2024 14:13
 Operator : MA/JU
 Sample : PB162044BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Quant Time: Jul 17 15:00:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

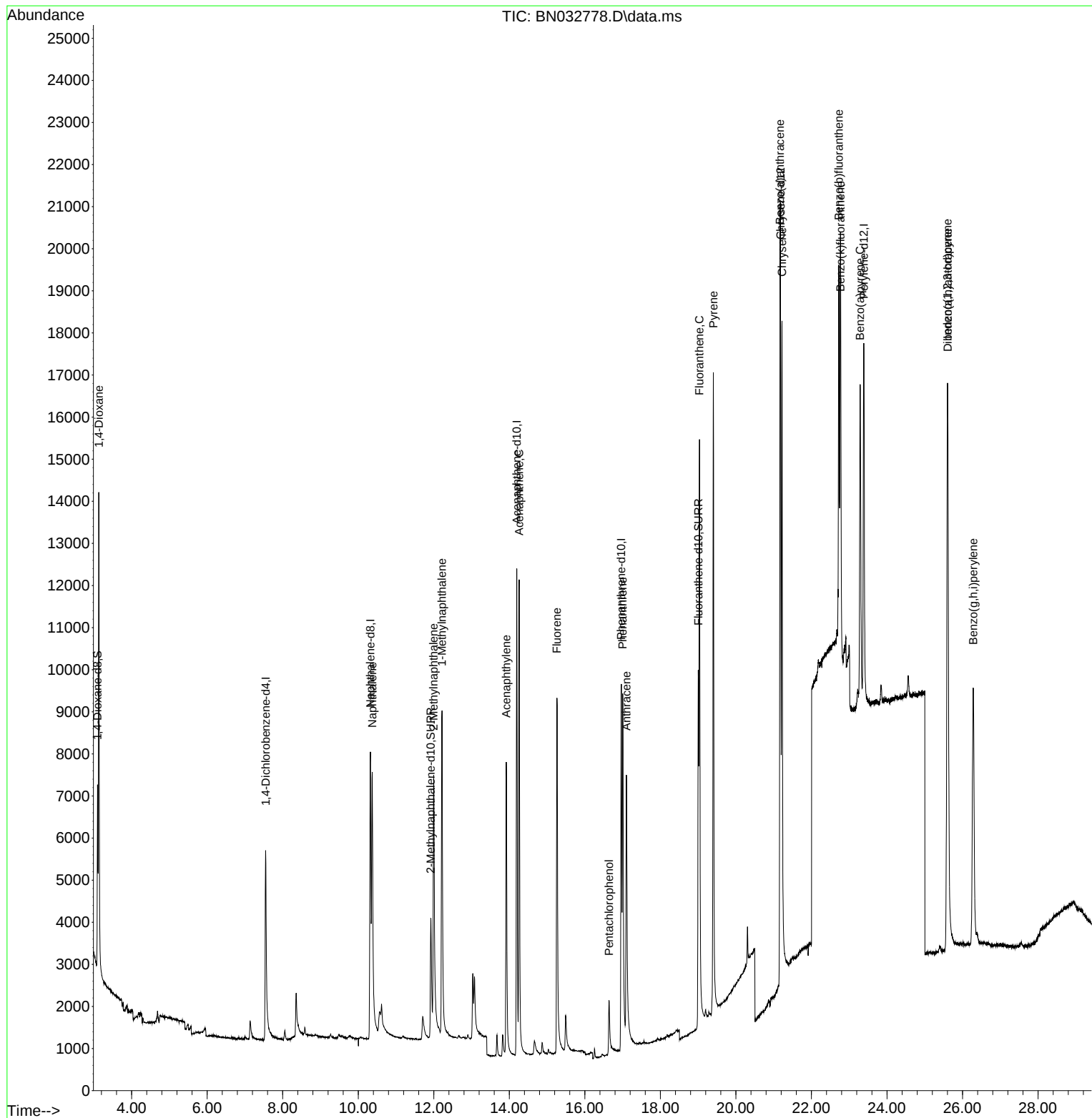
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	3609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	13383	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	7356	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.965	188	13643	0.400	ng/ul	0.00
17) Chrysene-d12	21.182	240	12502	0.400	ng/ul	# 0.00
23) Perylene-d12	23.386	264	12819	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3046	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	6128	0.303	ng/ul	-0.01
18) Fluoranthene-d10	19.003	212	11870	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	8457	1.713	ng/ul#	88
5) Naphthalene	10.371	128	11216	0.312	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	6895	0.307	ng/ul	98
8) 1-Methylnaphthalene	12.219	142	7077	0.305	ng/ul	98
10) Acenaphthylene	13.920	152	10098	0.340	ng/ul	99
11) Acenaphthene	14.262	153	7499	0.305	ng/ul	99
12) Fluorene	15.262	166	7616	0.271	ng/ul	98
14) Pentachlorophenol	16.640	266	1694	0.708	ng/ul	100
15) Phenanthrene	17.003	178	10904	0.293	ng/ul	98
16) Anthracene	17.100	178	10214	0.336	ng/ul	98
19) Fluoranthene	19.036	202	14419	0.284	ng/ul	99
20) Pyrene	19.403	202	15409	0.293	ng/ul	99
21) Benzo(a)anthracene	21.168	228	14739	0.370	ng/ul	95
22) Chrysene	21.220	228	16898	0.294	ng/ul	95
24) Benzo(b)fluoranthene	22.725	252	13499	0.298	ng/ul	78
25) Benzo(k)fluoranthene	22.769	252	15211	0.276	ng/ul#	77
26) Benzo(a)pyrene	23.289	252	12659	0.323	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.606	276	17036	0.321	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.609	278	13350	0.325	ng/ul#	79
29) Benzo(g,h,i)perylene	26.287	276	13714	0.310	ng/ul#	87

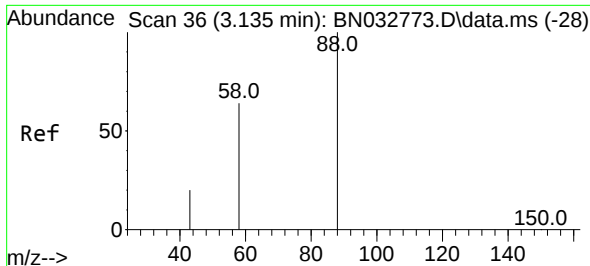
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

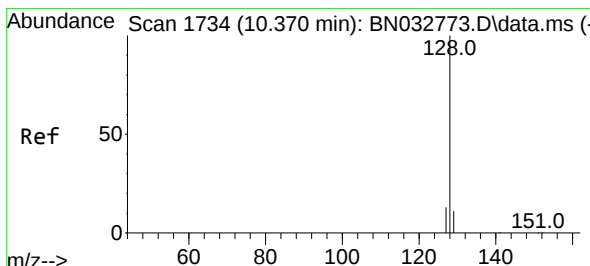
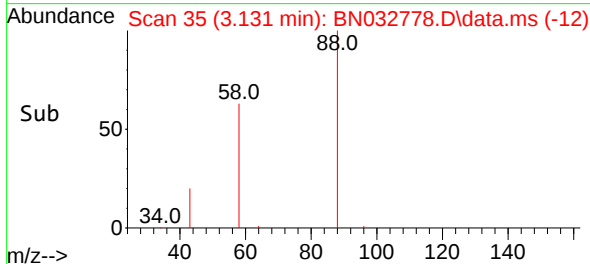
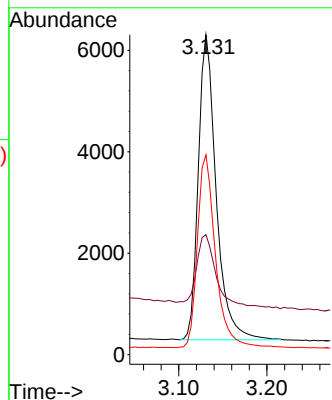
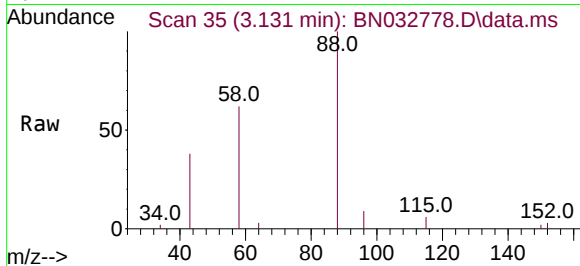




#2
 1,4-Dioxane
 Concen: 1.713 ng/ul
 RT: 3.131 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN032778.D
 Acq: 17 Jul 2024 14:13

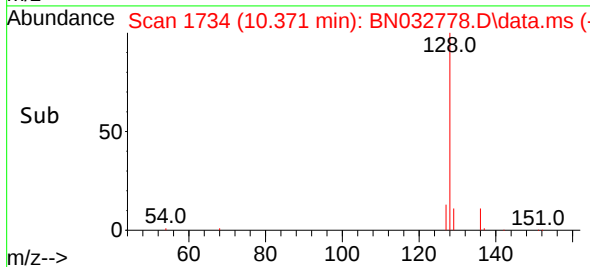
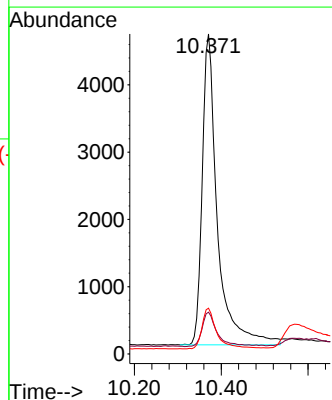
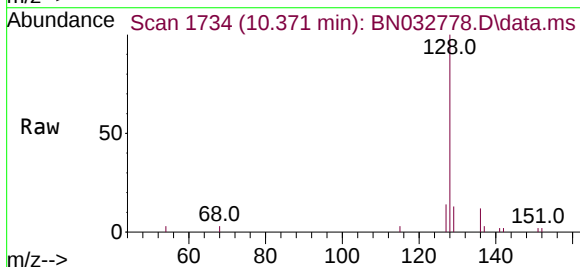
Instrument :
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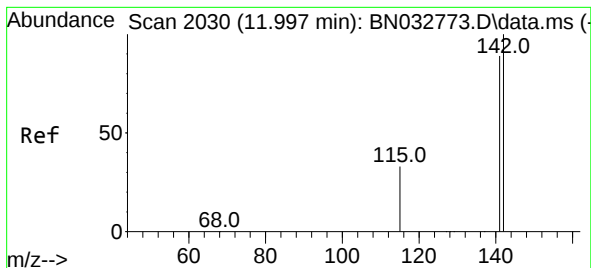
Tgt Ion: 88 Resp: 8457
 Ion Ratio Lower Upper
 88 100
 43 37.5 24.0 36.0#
 58 62.5 43.3 64.9



#5
 Naphthalene
 Concen: 0.312 ng/ul
 RT: 10.371 min Scan# 1734
 Delta R.T. -0.000 min
 Lab File: BN032778.D
 Acq: 17 Jul 2024 14:13

Tgt Ion: 128 Resp: 11216
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.0 15.0
 127 14.3 11.6 17.4

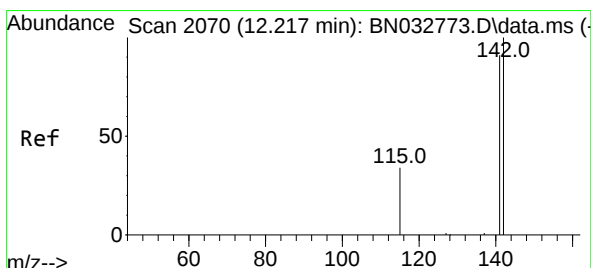
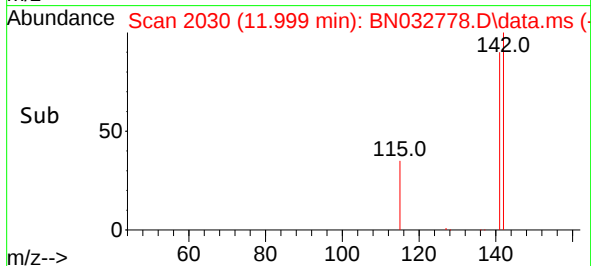
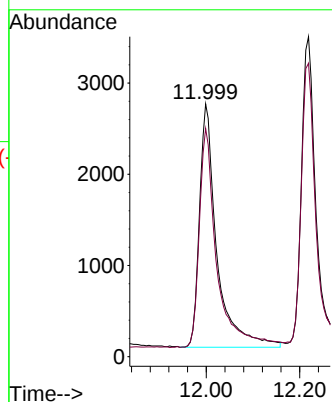
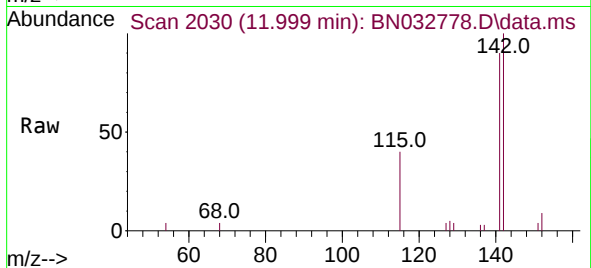




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

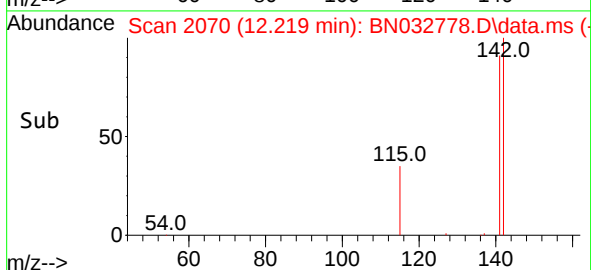
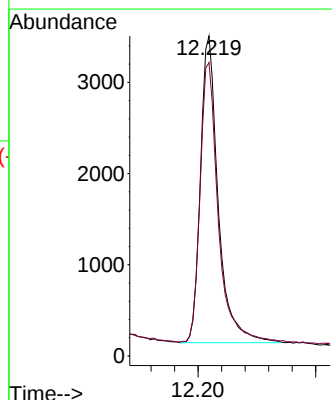
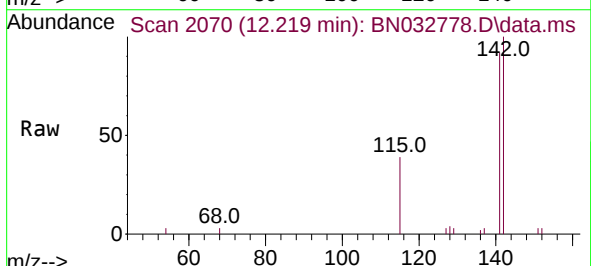
Instrument :
BNA_N
ClientSampleId :
SLCS044

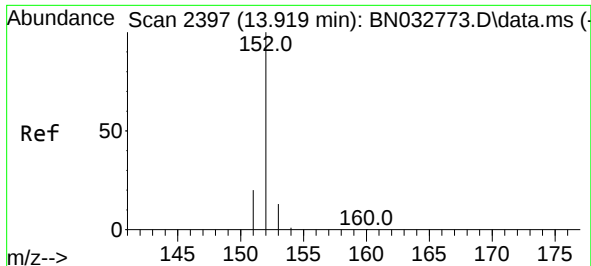
Tgt Ion:142 Resp: 6895
Ion Ratio Lower Upper
142 100
141 91.0 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

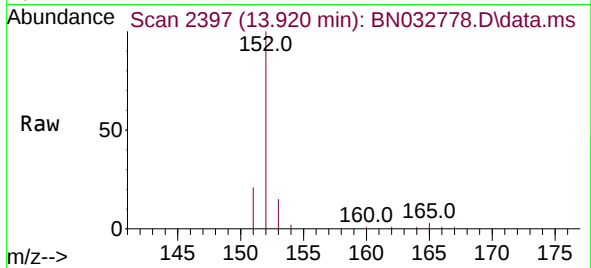
Tgt Ion:142 Resp: 7077
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4



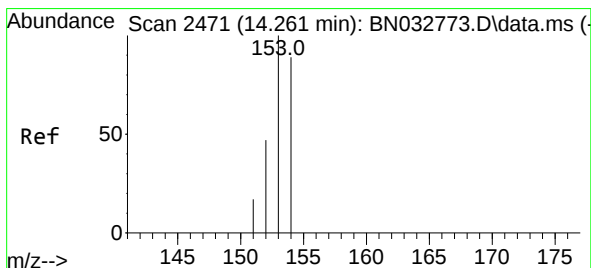
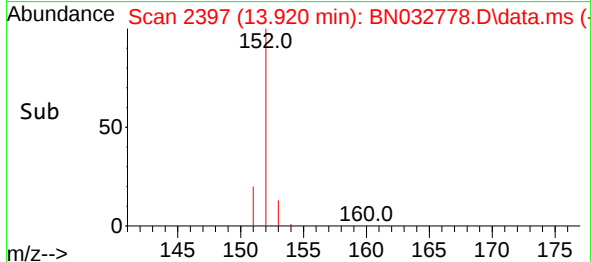
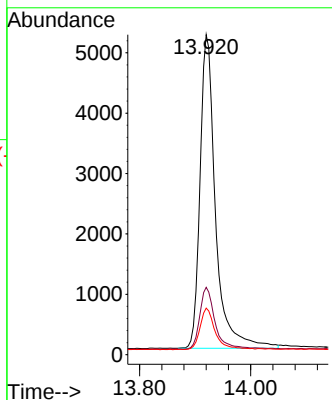


#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Instrument :
BNA_N
ClientSampleId :
SLCS044

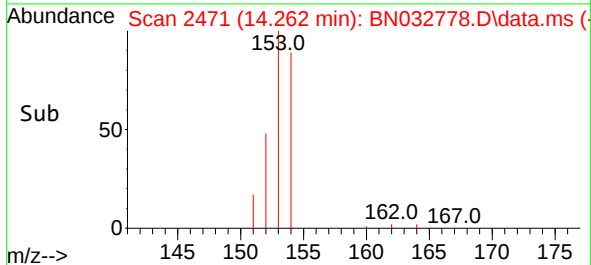
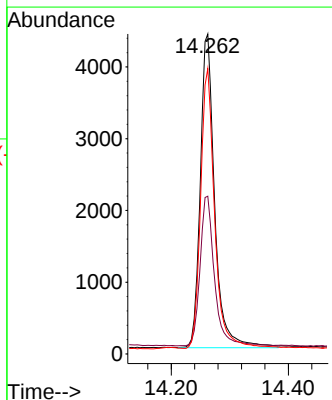
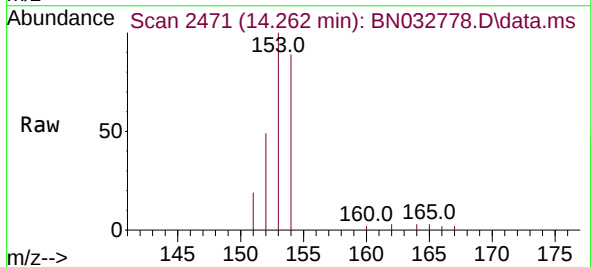


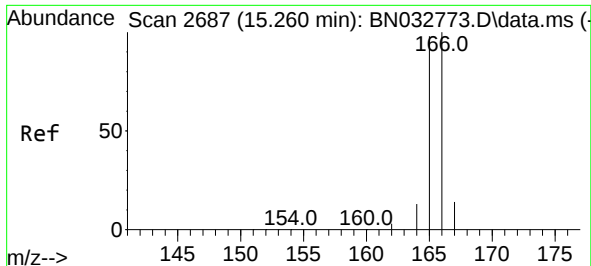
Tgt Ion:152 Resp: 10098
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.5 11.3 16.9



#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. 0.004 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:153 Resp: 7499
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 89.2 70.2 105.4

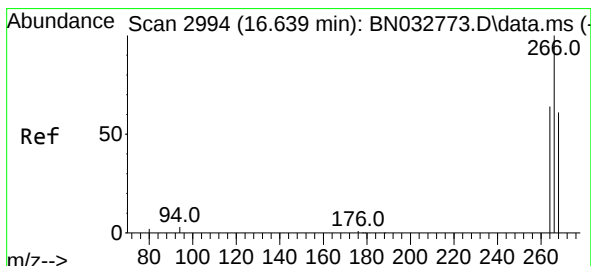
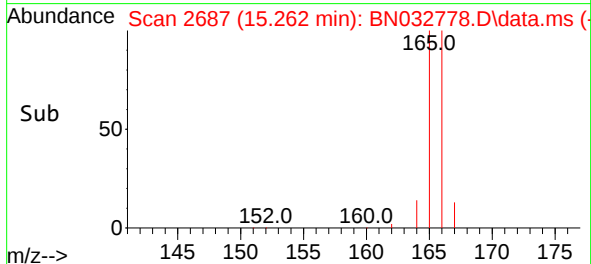
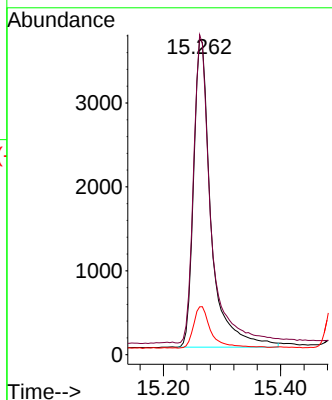
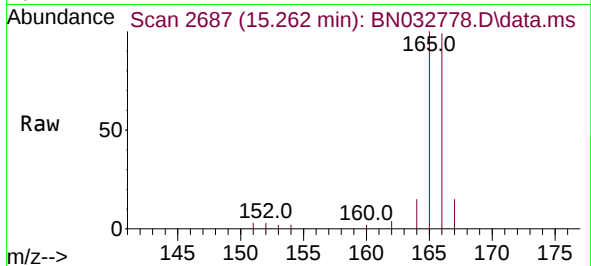




#12
Fluorene
Concen: 0.271 ng/ul
RT: 15.262 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

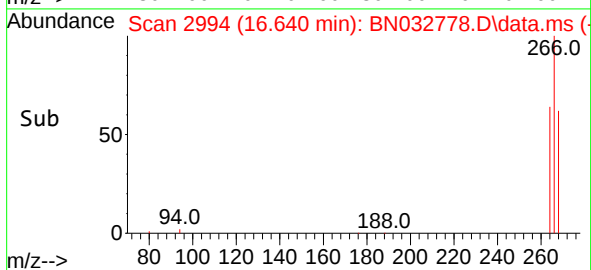
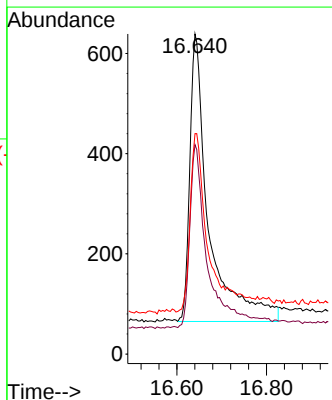
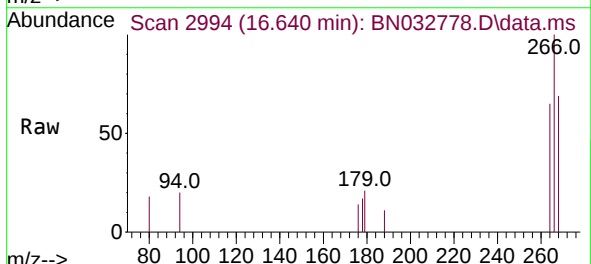
Instrument :
BNA_N
ClientSampleId :
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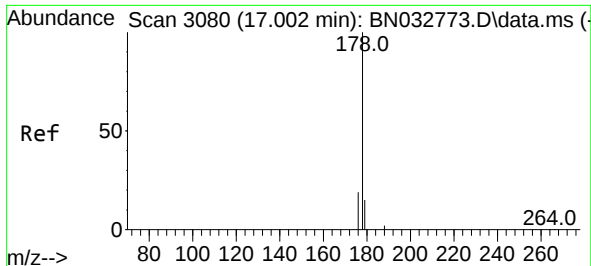
Tgt Ion:166	Resp:	7616
Ion	Ratio	Lower Upper
166	100	
165	101.4	79.7 119.5
167	15.1	11.4 17.2



#14
Pentachlorophenol
Concen: 0.708 ng/ul
RT: 16.640 min Scan# 2994
Delta R.T. -0.009 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:266	Resp:	1694
Ion	Ratio	Lower Upper
266	100	
264	61.2	49.4 74.2
268	64.3	51.6 77.4

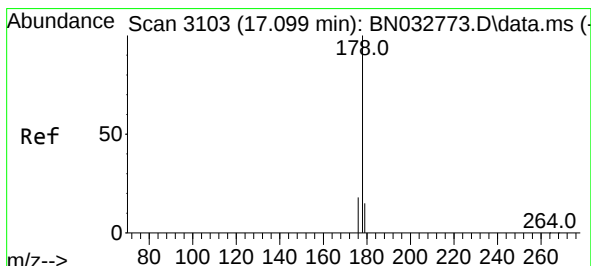
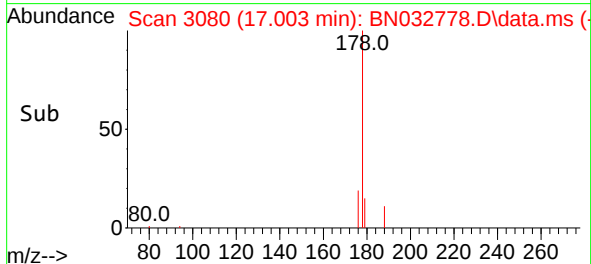
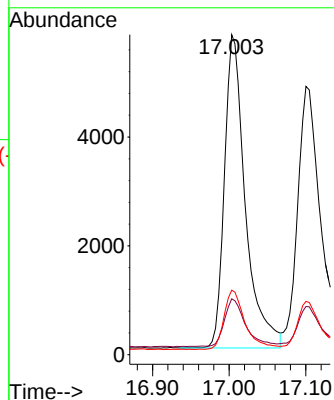
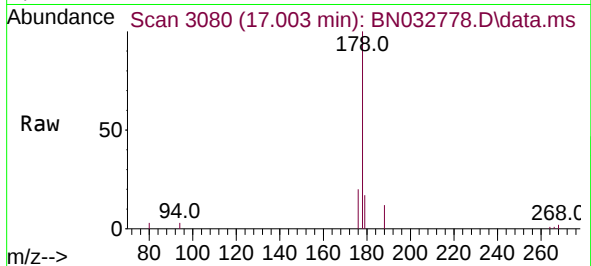




#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.004 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

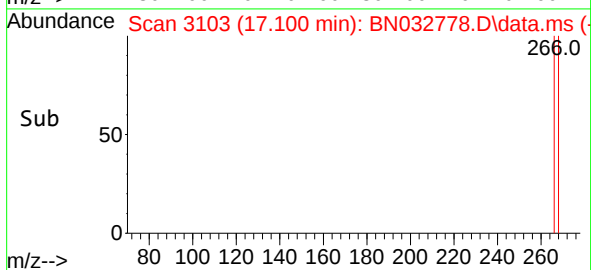
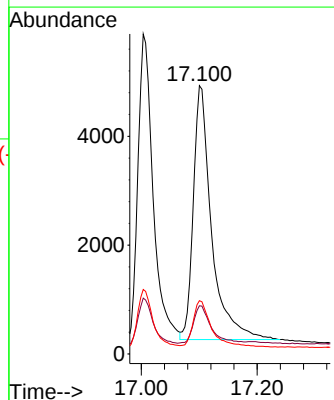
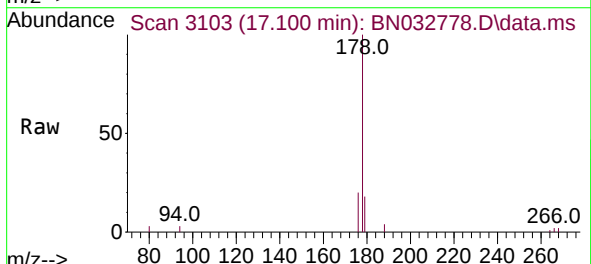
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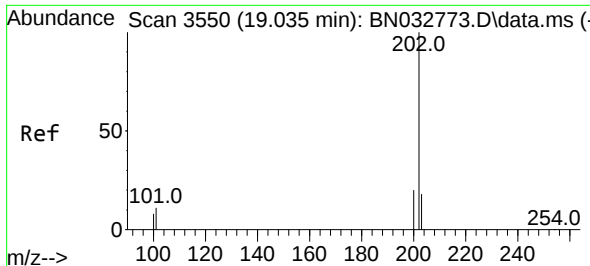
Tgt Ion:178 Resp: 10904
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.100 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:178 Resp: 10214
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.2
176 19.8 15.4 23.0

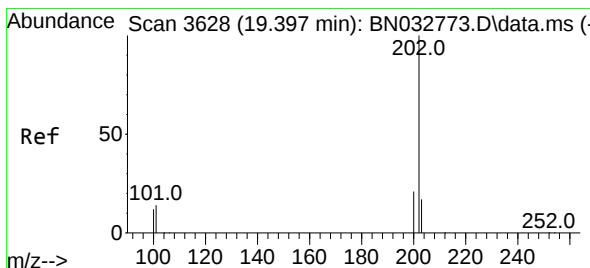
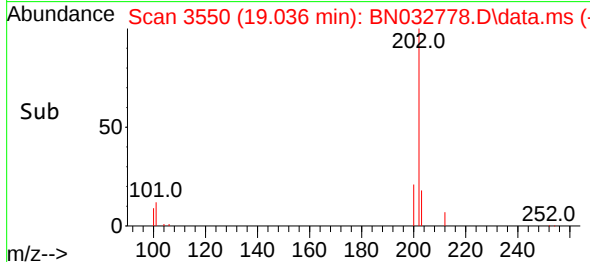
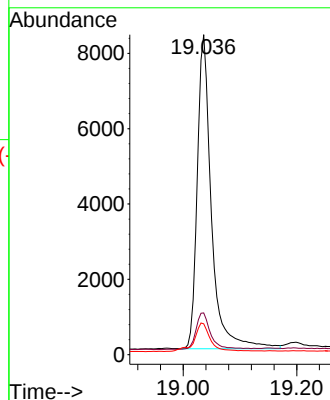
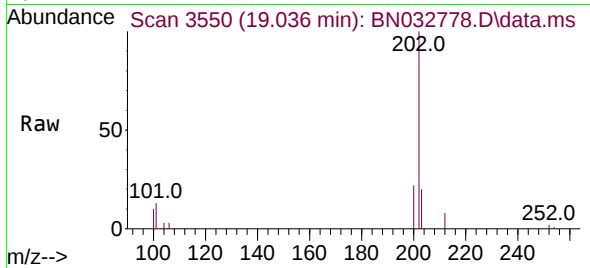




#19
Fluoranthene
Concen: 0.284 ng/ul
RT: 19.036 min Scan# 3550
Delta R.T. 0.004 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

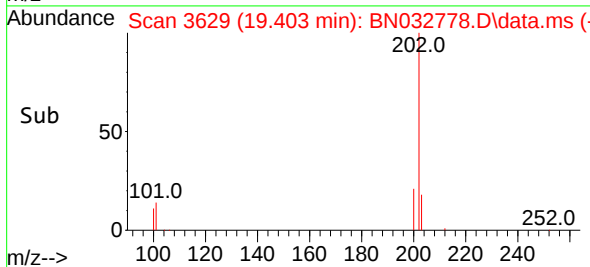
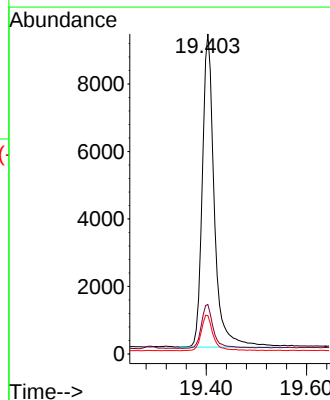
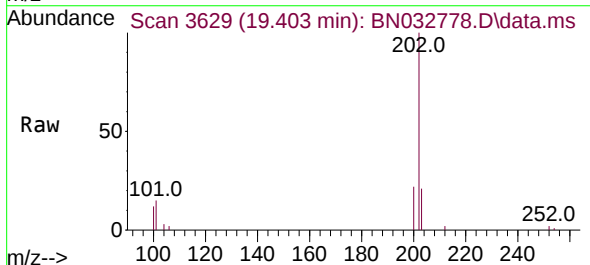
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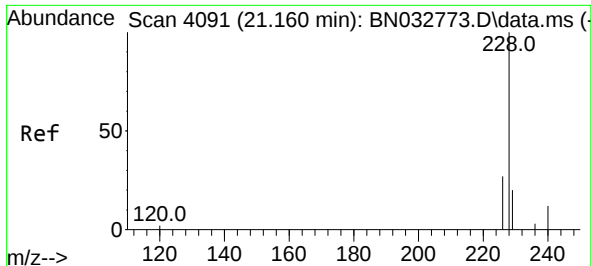
Tgt Ion:202 Resp: 14419
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.403 min Scan# 3629
Delta R.T. 0.004 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:202 Resp: 15409
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 12.0 9.6 14.4

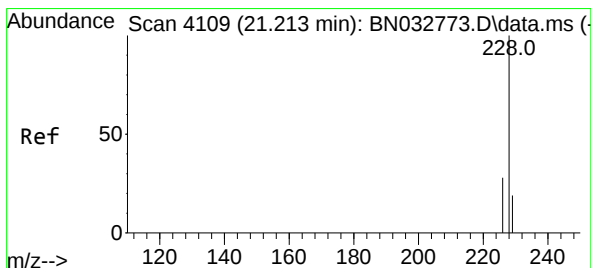
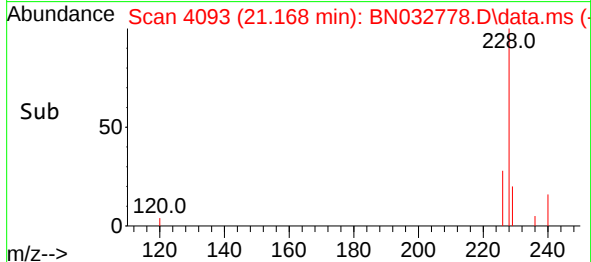
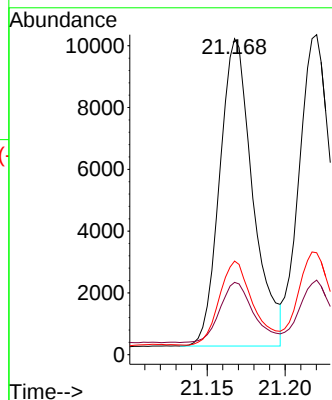
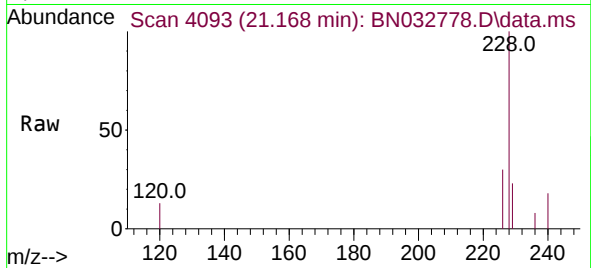




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.168 min Scan# 4091
Delta R.T. 0.009 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

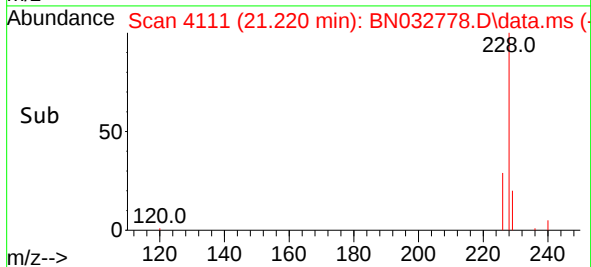
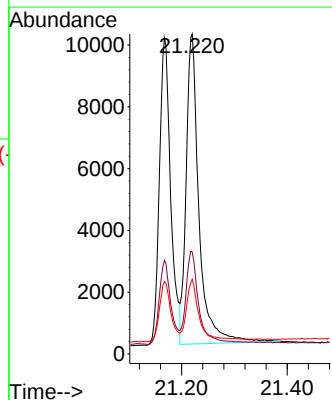
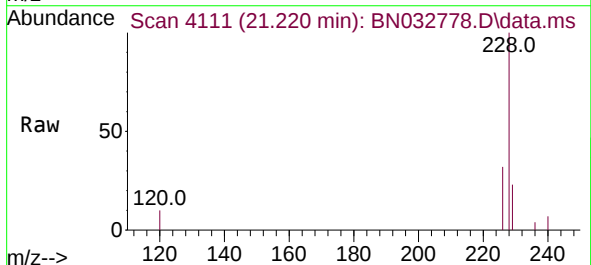
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SLCS044

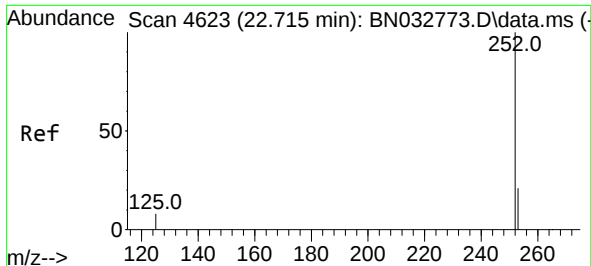
Tgt Ion:228 Resp: 14739
Ion Ratio Lower Upper
228 100
229 22.9 16.1 24.1
226 29.6 21.9 32.9



#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.220 min Scan# 4111
Delta R.T. 0.009 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:228 Resp: 16898
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 23.3 15.8 23.6

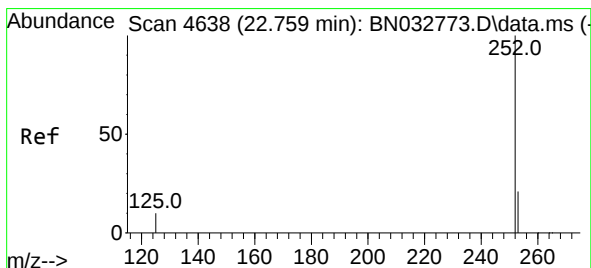
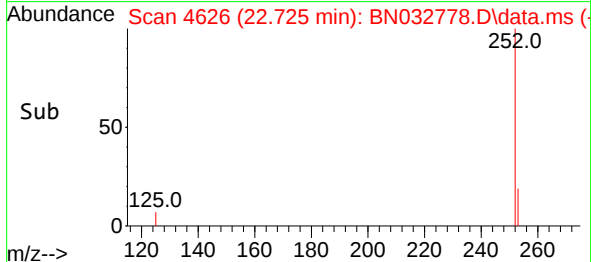
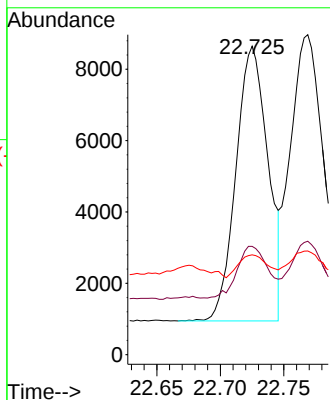
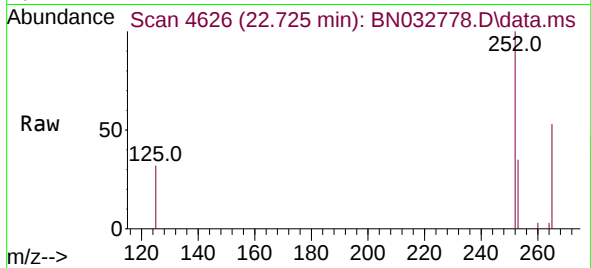




#24
Benzo(b)fluoranthene
Concen: 0.298 ng/ul
RT: 22.725 min Scan# 4626
Delta R.T. 0.014 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

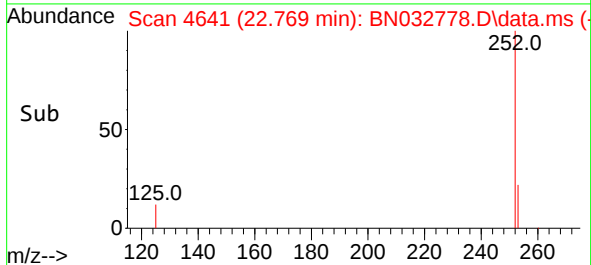
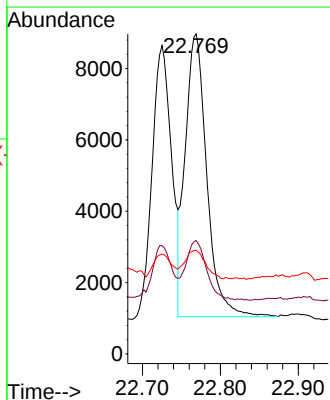
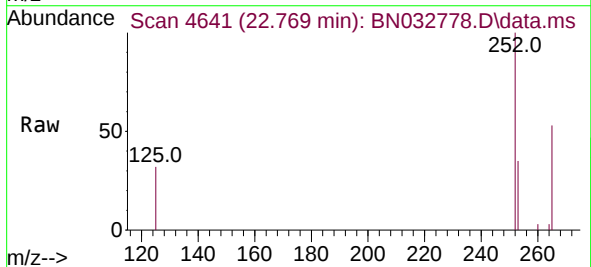
Instrument :
BNA_N
ClientSampleId :
SLCS044

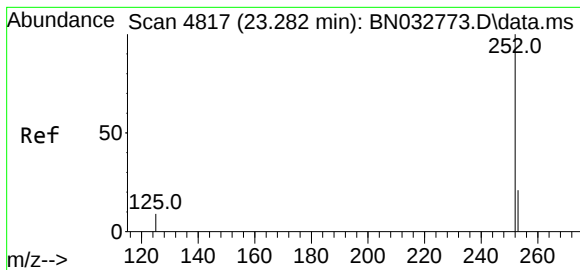
Tgt Ion:252 Resp: 13499
Ion Ratio Lower Upper
252 100
253 35.1 0.0 54.0
125 32.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. 0.014 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:252 Resp: 15211
Ion Ratio Lower Upper
252 100
253 35.5 21.2 31.8#
125 32.4 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.323 ng/ul

RT: 23.289 min Scan# 4817

Delta R.T. 0.012 min

Lab File: BN032778.D

Acq: 17 Jul 2024 14:13

Instrument :

BNA_N

ClientSampleId :

SLCS044

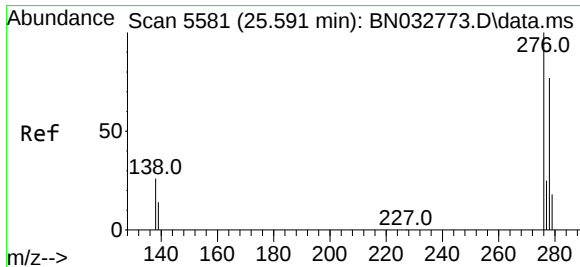
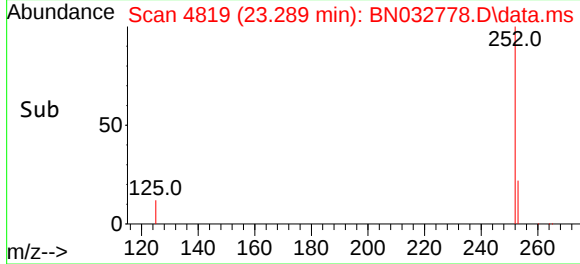
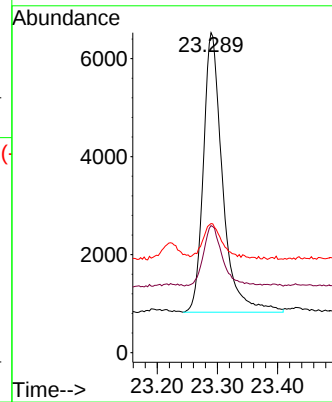
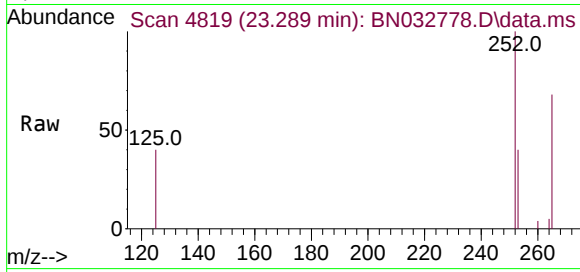
Tgt Ion:252 Resp: 12659

Ion Ratio Lower Upper

252 100

253 39.7 25.4 38.0#

125 40.3 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.321 ng/ul

RT: 25.606 min Scan# 5585

Delta R.T. 0.023 min

Lab File: BN032778.D

Acq: 17 Jul 2024 14:13

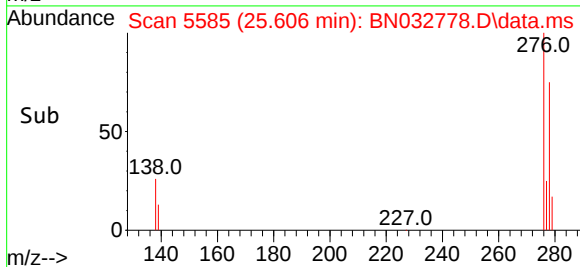
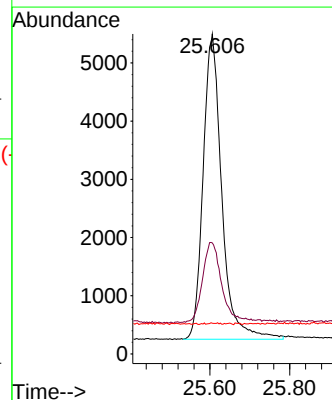
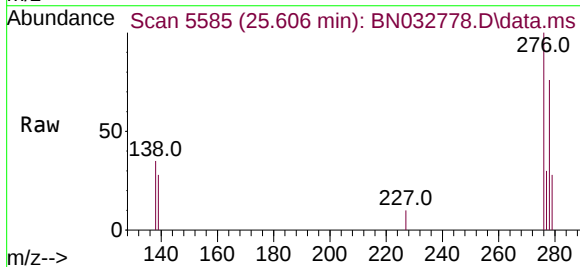
Tgt Ion:276 Resp: 17036

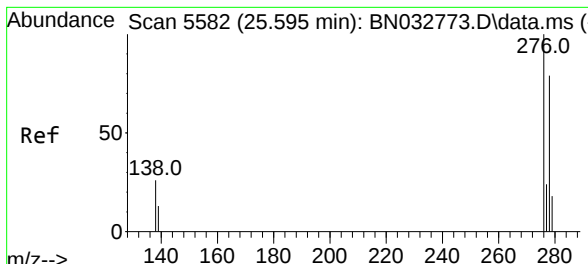
Ion Ratio Lower Upper

276 100

138 27.5 21.6 32.4

227 0.2 0.0 0.0#

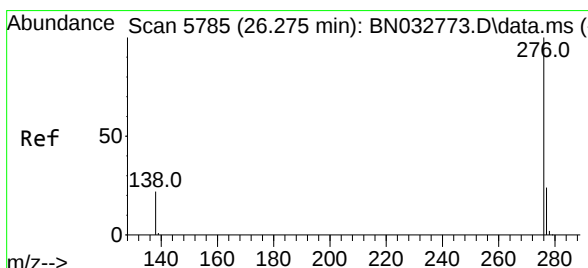
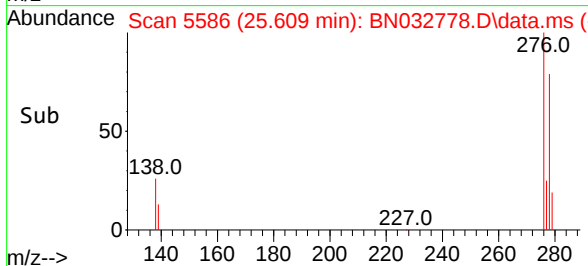
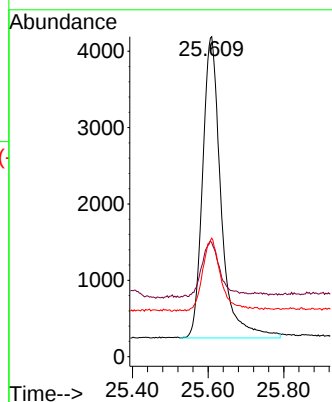
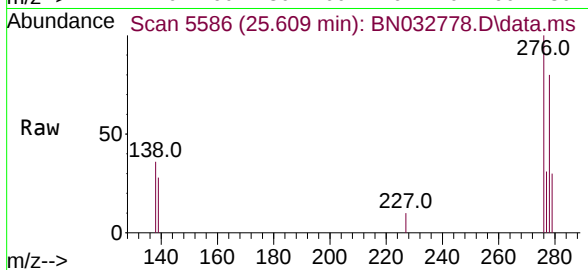




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 25.609 min Scan# 51
Delta R.T. 0.020 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Instrument :
BNA_N
ClientSampleId :
SLCS044

Tgt Ion:278 Resp: 13350
Ion Ratio Lower Upper
278 100
139 35.6 16.6 24.8#
279 37.1 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.287 min Scan# 5788
Delta R.T. 0.027 min
Lab File: BN032778.D
Acq: 17 Jul 2024 14:13

Tgt Ion:276 Resp: 13714
Ion Ratio Lower Upper
276 100
138 34.2 21.0 31.4#
277 30.7 20.6 31.0

