

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032810.D
 Acq On : 18 Jul 2024 10:46
 Operator : MA/JU
 Sample : PB162079BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS079

Quant Time: Jul 18 11:32:27 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)

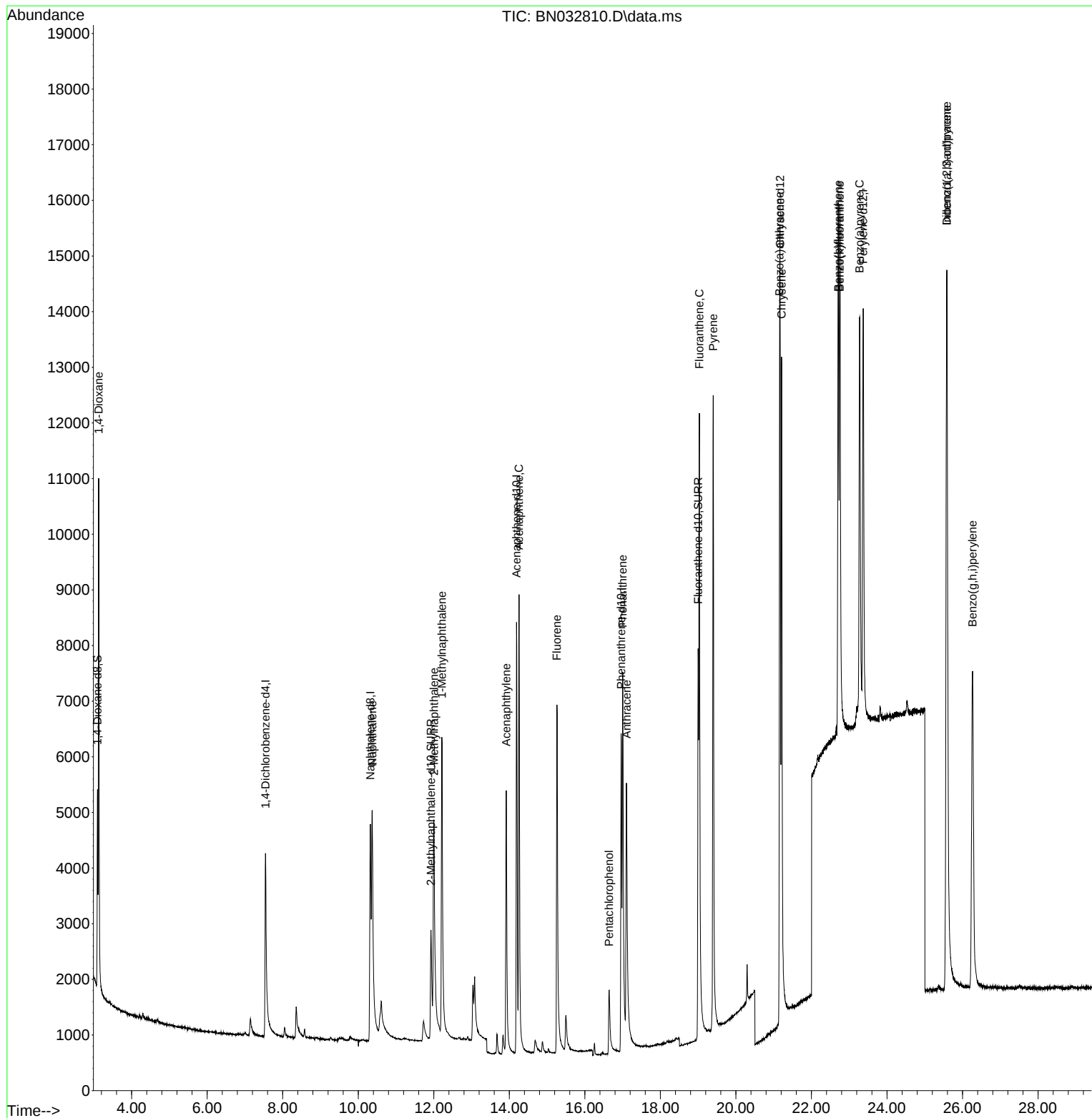
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	2966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	9261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.193	164	5238	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	9961	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	9376	0.400	ng/ul	# 0.00
23) Perylene-d12	23.371	264	11466	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2414	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	4976	0.356	ng/ul	0.00
18) Fluoranthene-d10	18.999	212	10733	0.351	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.126	88	6767	1.668	ng/ul	92
5) Naphthalene	10.371	128	8546	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	5265	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	5355	0.334	ng/ul	100
10) Acenaphthylene	13.920	152	7618	0.360	ng/ul	98
11) Acenaphthene	14.258	153	5986	0.342	ng/ul	99
12) Fluorene	15.262	166	6207	0.310	ng/ul	99
14) Pentachlorophenol	16.640	266	1558	0.891	ng/ul	97
15) Phenanthrene	17.003	178	9179	0.338	ng/ul	98
16) Anthracene	17.105	178	8490	0.383	ng/ul	98
19) Fluoranthene	19.031	202	11998	0.315	ng/ul	99
20) Pyrene	19.398	202	12937	0.328	ng/ul	100
21) Benzo(a)anthracene	21.156	228	11748	0.394	ng/ul	97
22) Chrysene	21.211	228	14427	0.334	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	13106	0.324	ng/ul	89
25) Benzo(k)fluoranthene	22.751	252	15501	0.314	ng/ul#	89
26) Benzo(a)pyrene	23.275	252	13416	0.383	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.586	276	17530	0.370	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	13729	0.374	ng/ul#	92
29) Benzo(g,h,i)perylene	26.267	276	13857	0.350	ng/ul	94

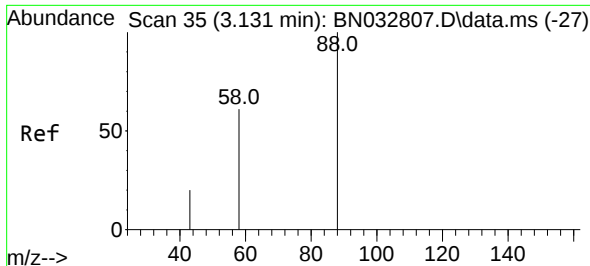
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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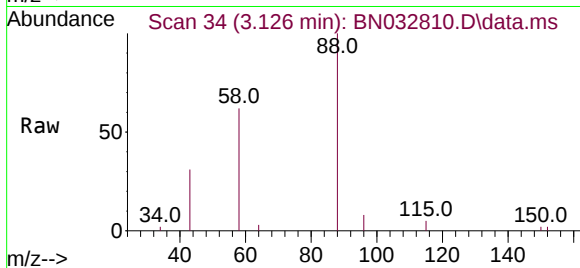
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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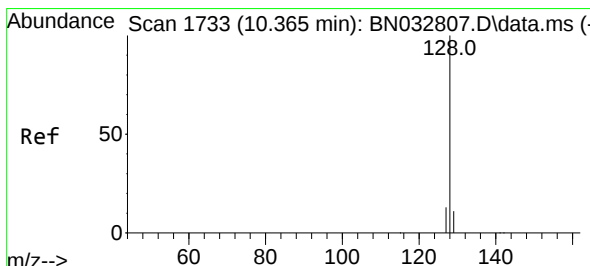
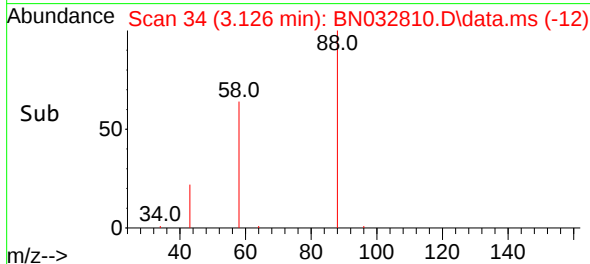
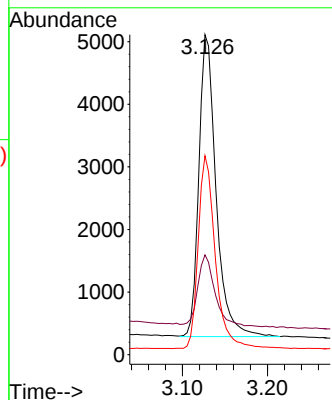


#2
 1,4-Dioxane
 Concen: 1.668 ng/ul
 RT: 3.126 min Scan# 34
 Delta R.T. -0.009 min
 Lab File: BN032810.D
 Acq: 18 Jul 2024 10:46

Instrument :
 BNA_N
 ClientSampleId :
 SLCS079

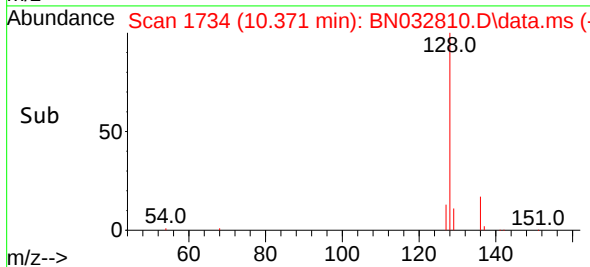
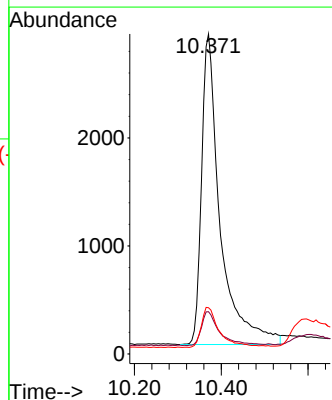
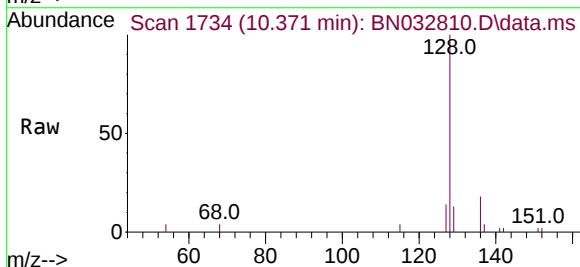


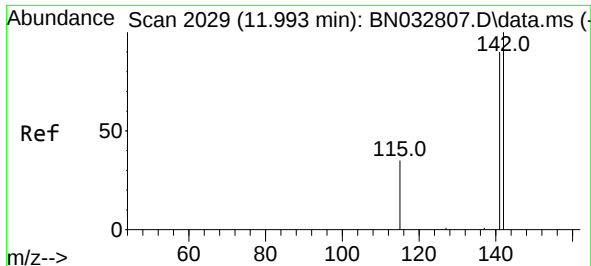
Tgt Ion: 88	Resp: 6767
Ion Ratio	Lower Upper
88 100	
43 31.2	24.0 36.0
58 62.1	43.3 64.9



#5
 Naphthalene
 Concen: 0.344 ng/ul
 RT: 10.371 min Scan# 1734
 Delta R.T. -0.000 min
 Lab File: BN032810.D
 Acq: 18 Jul 2024 10:46

Tgt Ion:128	Resp:	8546	
Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.0	15.0
127	14.4	11.6	17.4

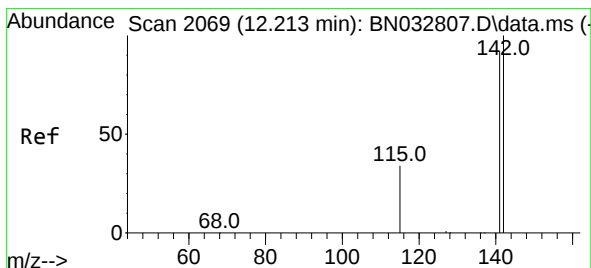
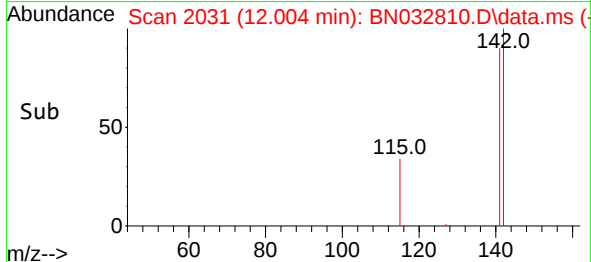
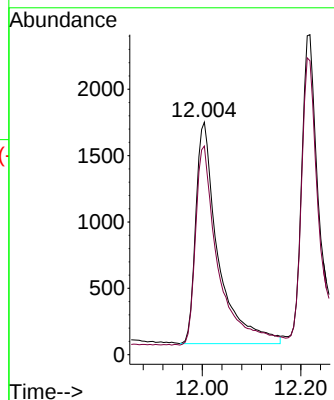
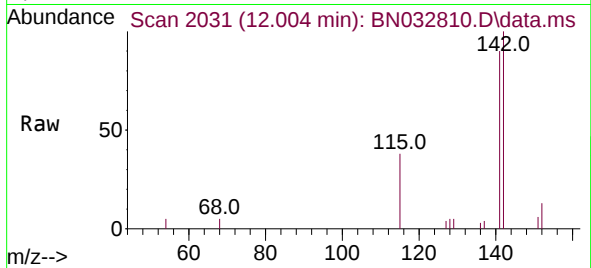




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.004 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

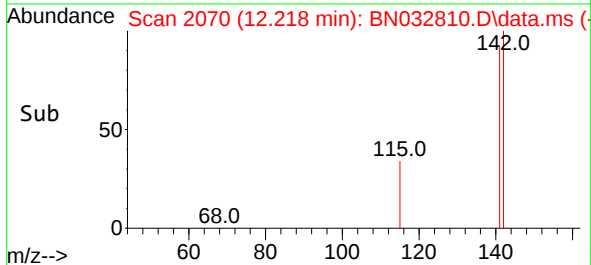
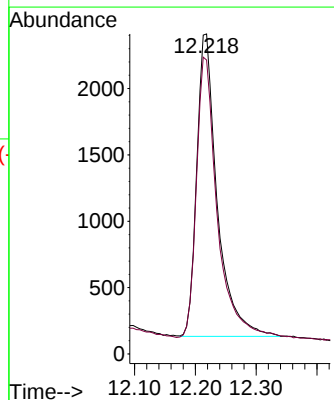
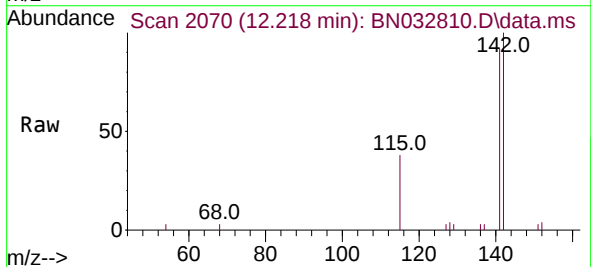
Instrument :
BNA_N
ClientSampleId :
SLCS079

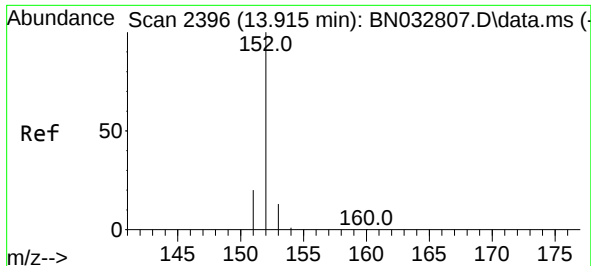
Tgt Ion:142 Resp: 5265
Ion Ratio Lower Upper
142 100
141 91.3 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:142 Resp: 5355
Ion Ratio Lower Upper
142 100
141 94.1 75.0 112.4

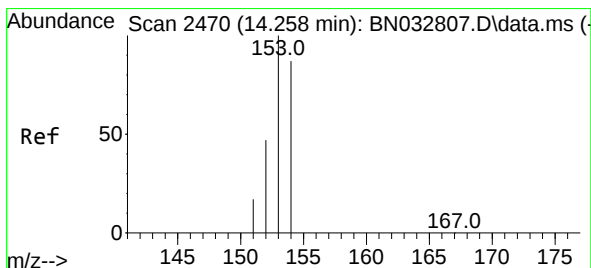
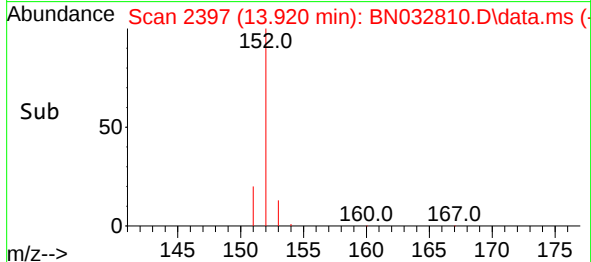
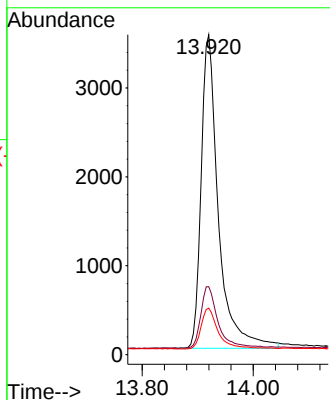
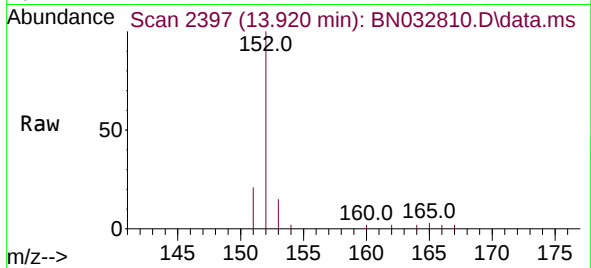




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

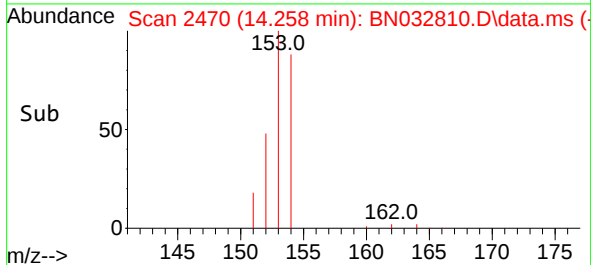
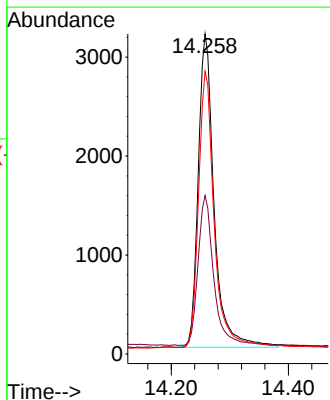
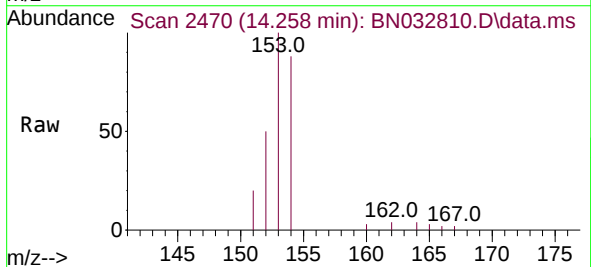
Instrument :
BNA_N
ClientSampleId :
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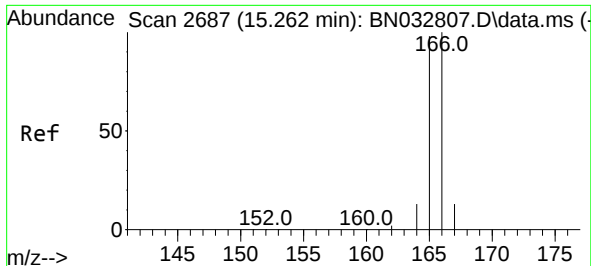
Tgt Ion:152 Resp: 7618
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.5 11.3 16.9



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:153 Resp: 5986
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.3 70.2 105.4

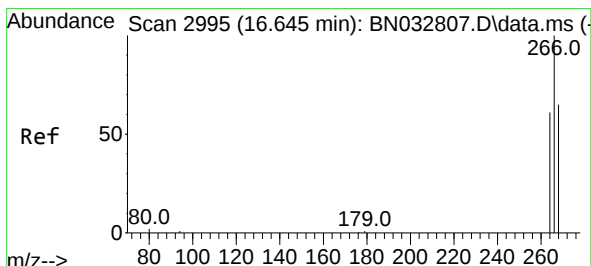
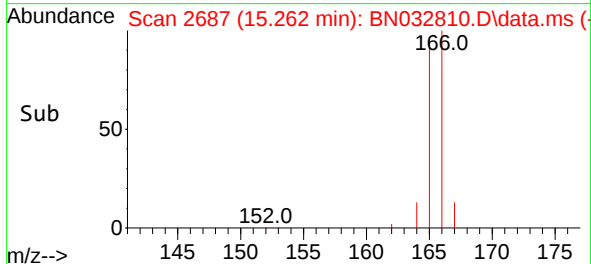
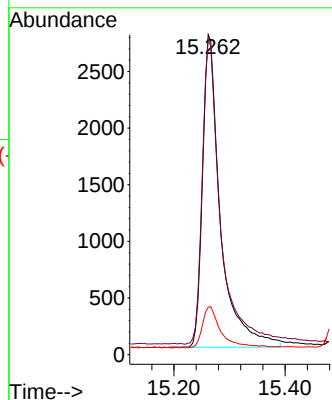
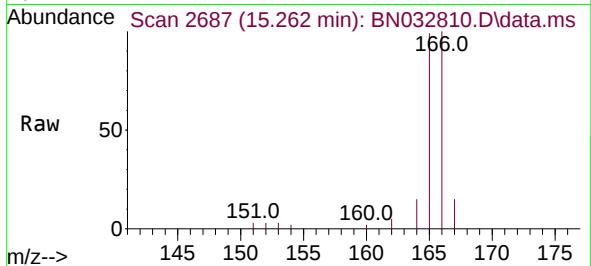




#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.262 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

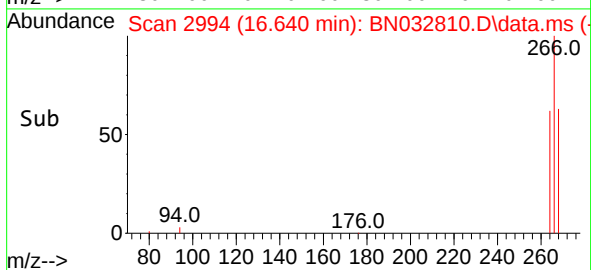
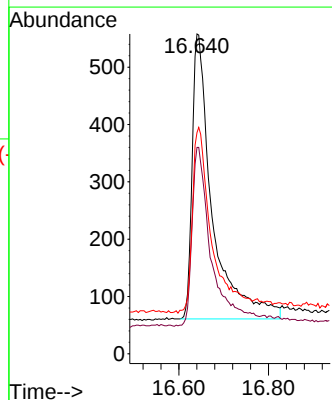
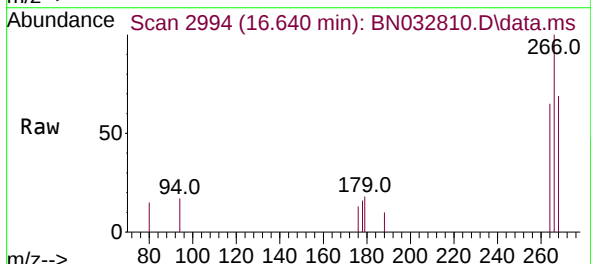
Instrument :
BNA_N
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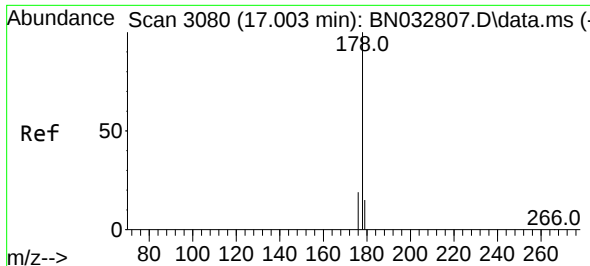
Tgt Ion:166 Resp: 6207
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 14.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.891 ng/ul
RT: 16.640 min Scan# 2994
Delta R.T. -0.009 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:266 Resp: 1558
Ion Ratio Lower Upper
266 100
264 63.7 49.4 74.2
268 66.8 51.6 77.4

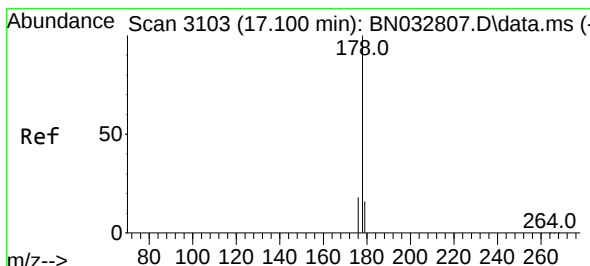
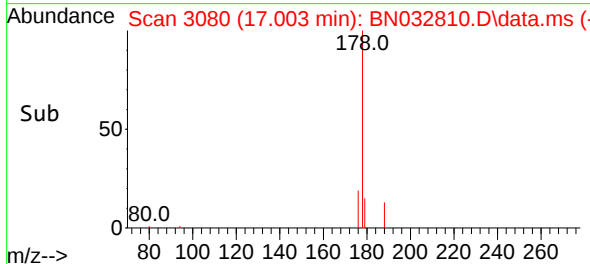
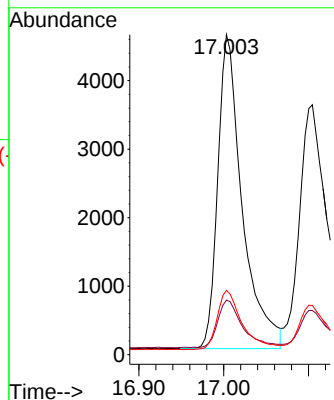
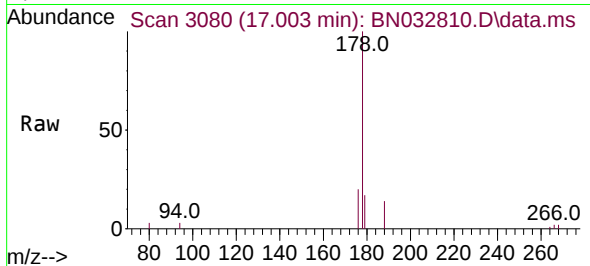




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.004 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

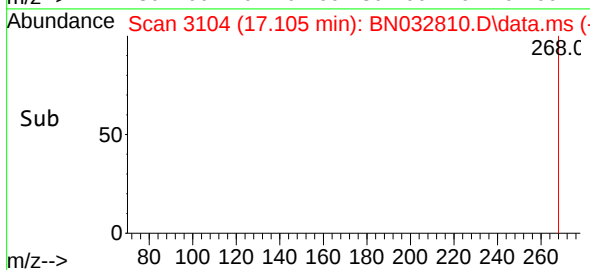
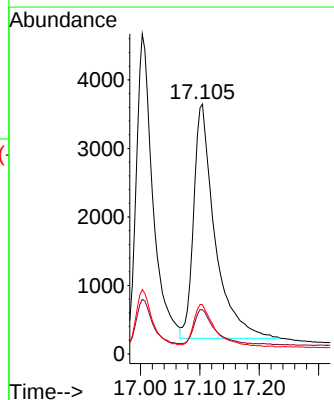
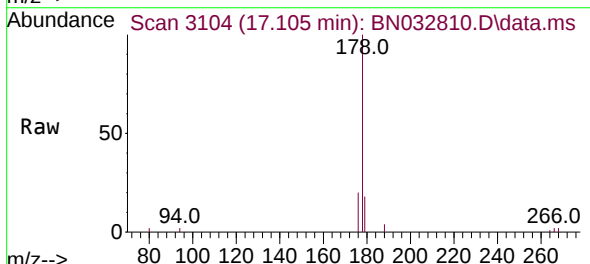
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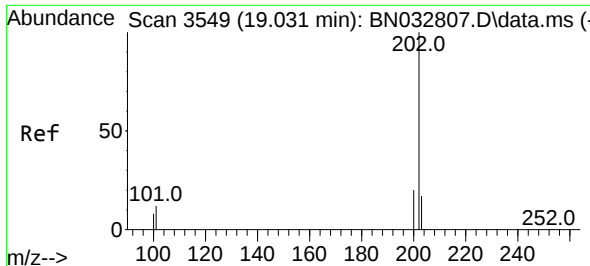
Tgt Ion:178 Resp: 9179
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.1 15.6 23.4



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.105 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:178 Resp: 8490
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.2
176 19.7 15.4 23.0

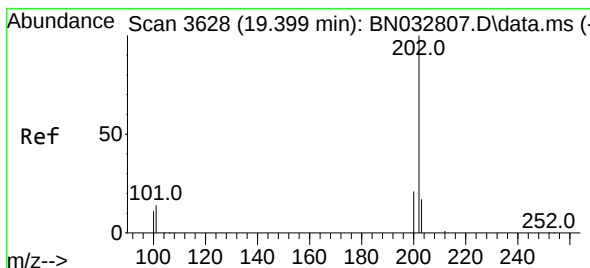
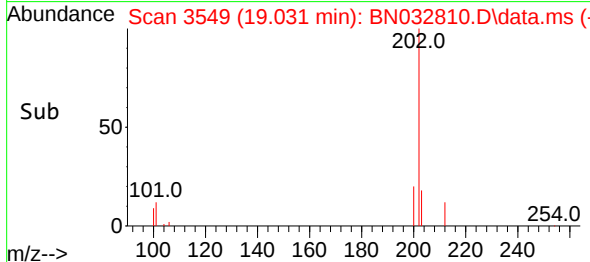
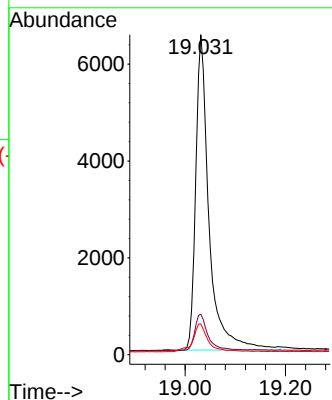
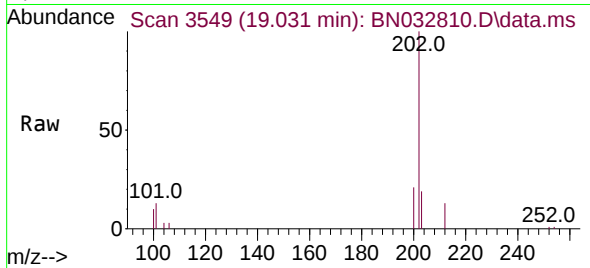




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

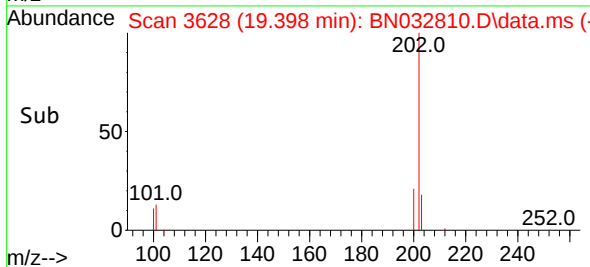
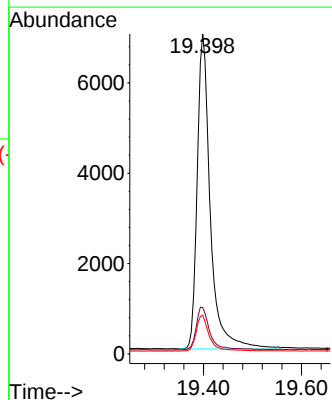
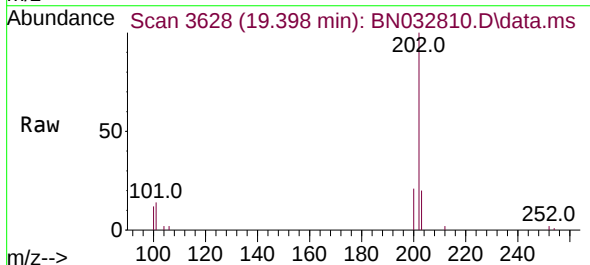
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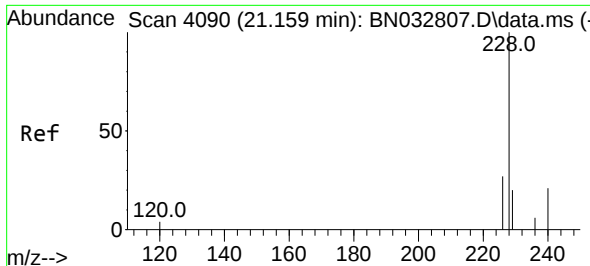
Tgt Ion:	202	Resp:	11998
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.8	14.8
100	9.6	7.9	11.9



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:	202	Resp:	12937
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.8	17.6
100	12.1	9.6	14.4

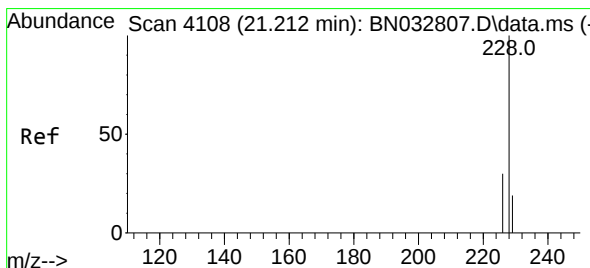
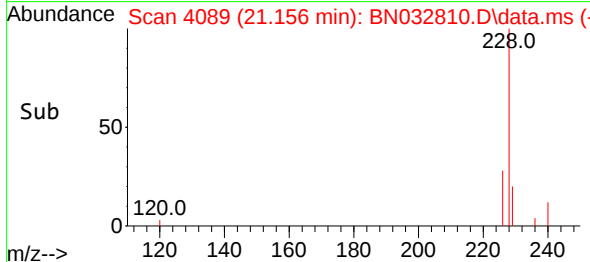
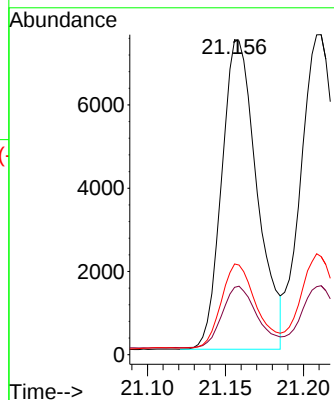
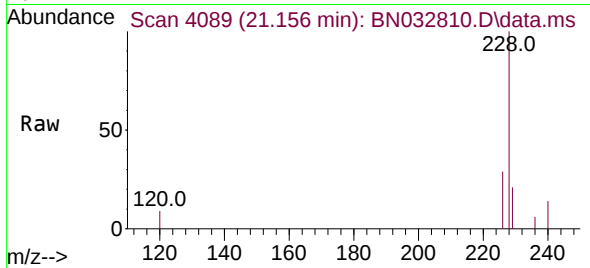




#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.003 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

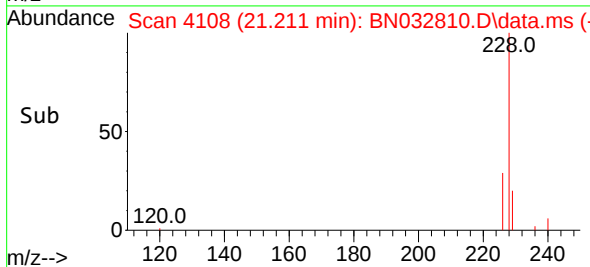
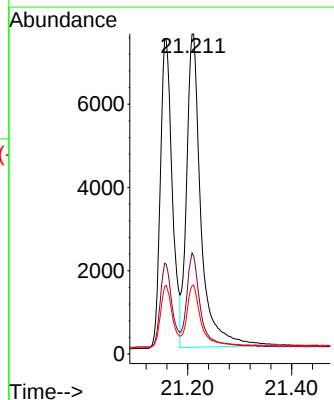
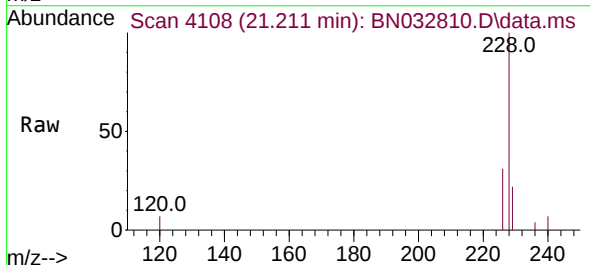
Instrument :
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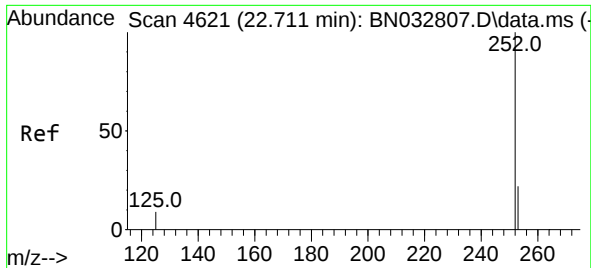
Tgt Ion:228 Resp: 11748
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 28.8 21.9 32.9



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:228 Resp: 14427
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.6 15.8 23.6

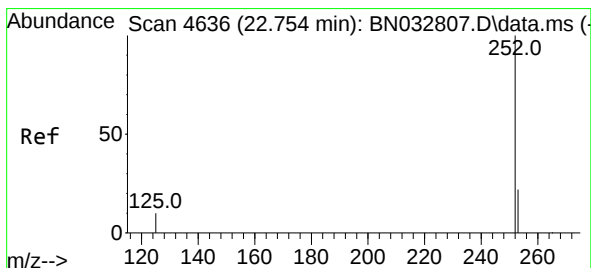
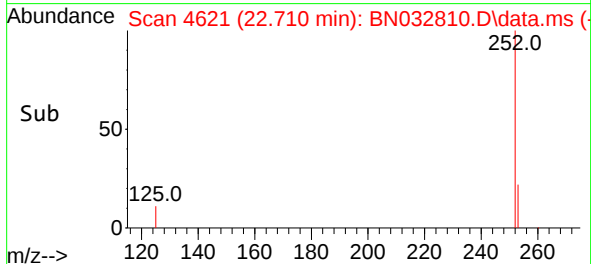
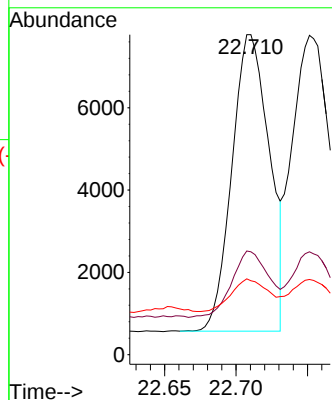
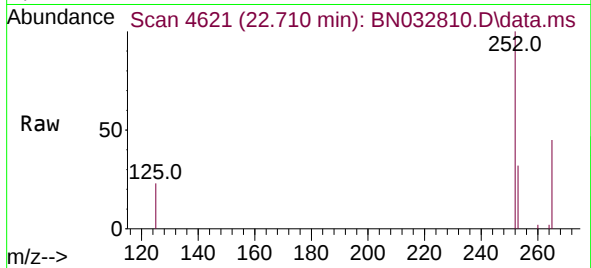




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.000 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

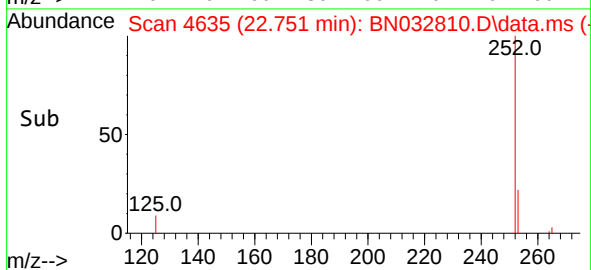
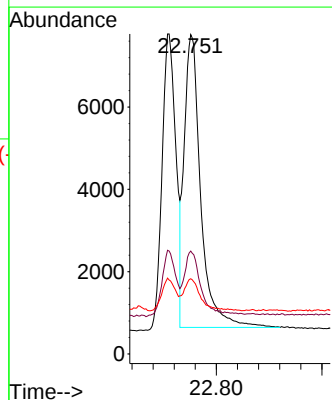
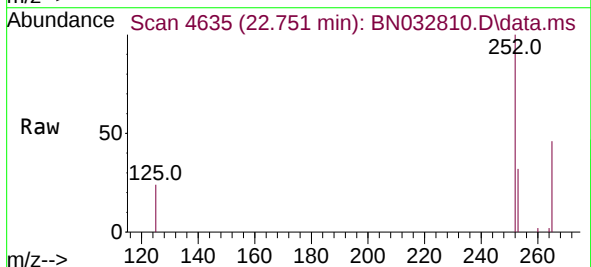
Instrument :
BNA_N
ClientSampleId :
SLCS079

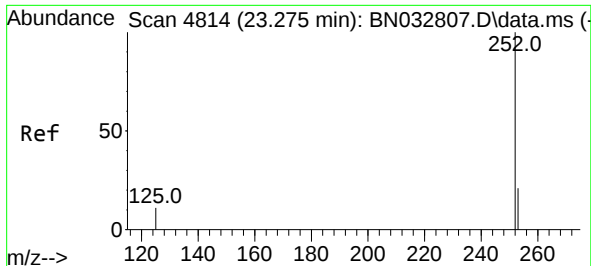
Tgt Ion:252 Resp: 13106
Ion Ratio Lower Upper
252 100
253 32.1 0.0 54.0
125 23.1 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.314 ng/ul
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

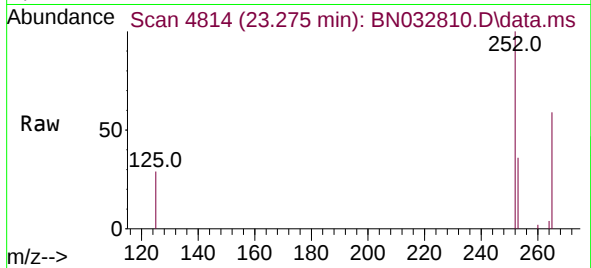
Tgt Ion:252 Resp: 15501
Ion Ratio Lower Upper
252 100
253 32.2 21.2 31.8#
125 23.5 14.8 22.2#



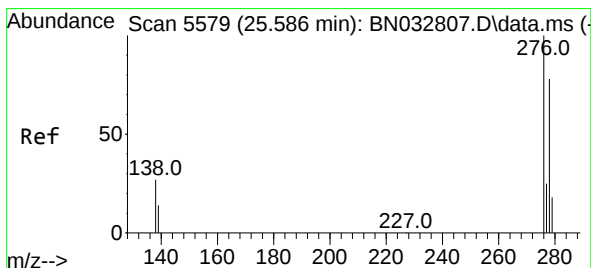
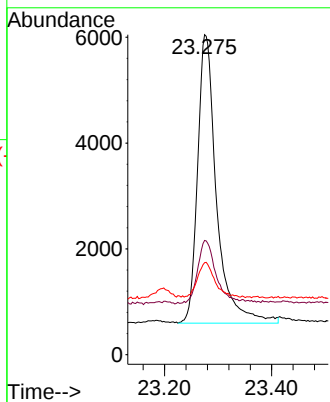
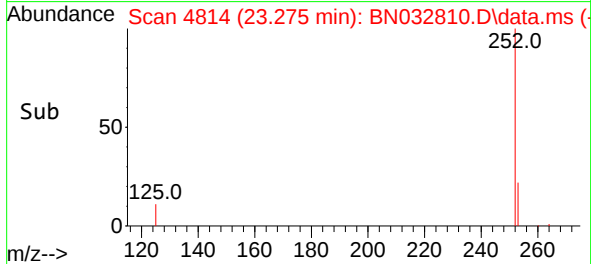


#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Instrument :
BNA_N
ClientSampleId :
SLCS079

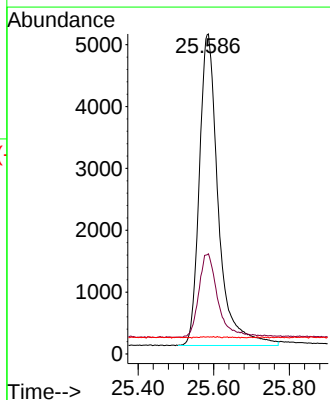
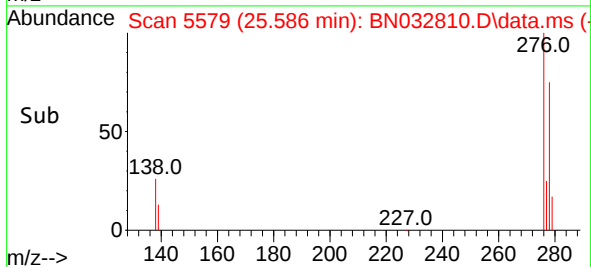
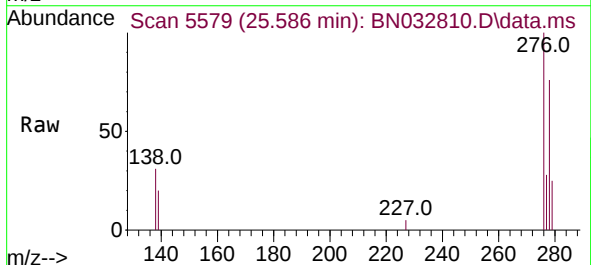


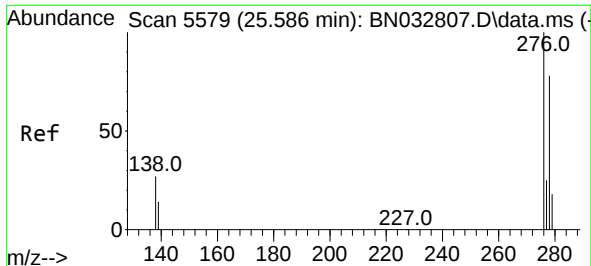
Tgt Ion:252 Resp: 13416
Ion Ratio Lower Upper
252 100
253 35.7 25.4 38.0
125 28.8 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 25.586 min Scan# 5579
Delta R.T. 0.003 min
Lab File: BN032810.D
Acq: 18 Jul 2024 10:46

Tgt Ion:276 Resp: 17530
Ion Ratio Lower Upper
276 100
138 26.8 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.004 min

Lab File: BN032810.D

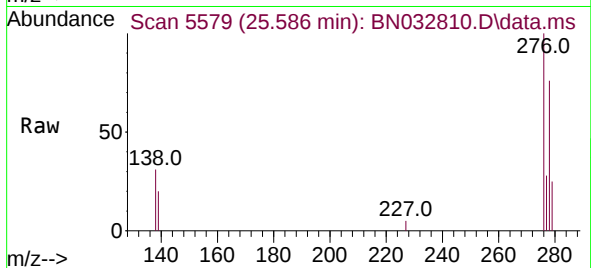
Acq: 18 Jul 2024 10:46

Instrument :

BNA_N

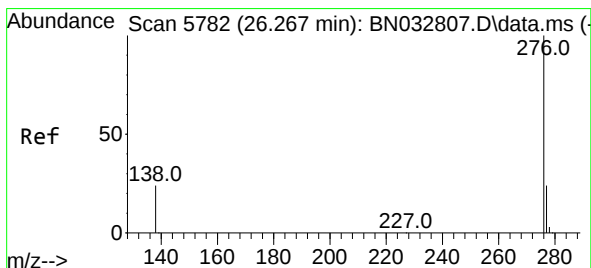
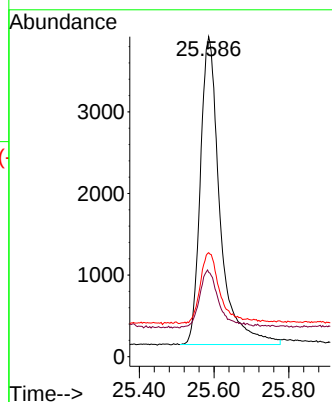
ClientSampleId :

SLCS079



Tgt Ion:278 Resp: 13729

Ion	Ratio	Lower	Upper
278	100		
139	26.3	16.6	24.8#
279	32.5	23.7	35.5



#29

Benzo(g,h,i)perylene

Concen: 0.350 ng/ul

RT: 26.267 min Scan# 5782

Delta R.T. 0.006 min

Lab File: BN032810.D

Acq: 18 Jul 2024 10:46

Tgt Ion:276 Resp: 13857

Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.0	31.4
277	28.2	20.6	31.0

