

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032739.D
 Acq On : 16 Jul 2024 14:03
 Operator : MA/JU
 Sample : PB161904BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS904

Quant Time: Jul 16 14:43:48 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

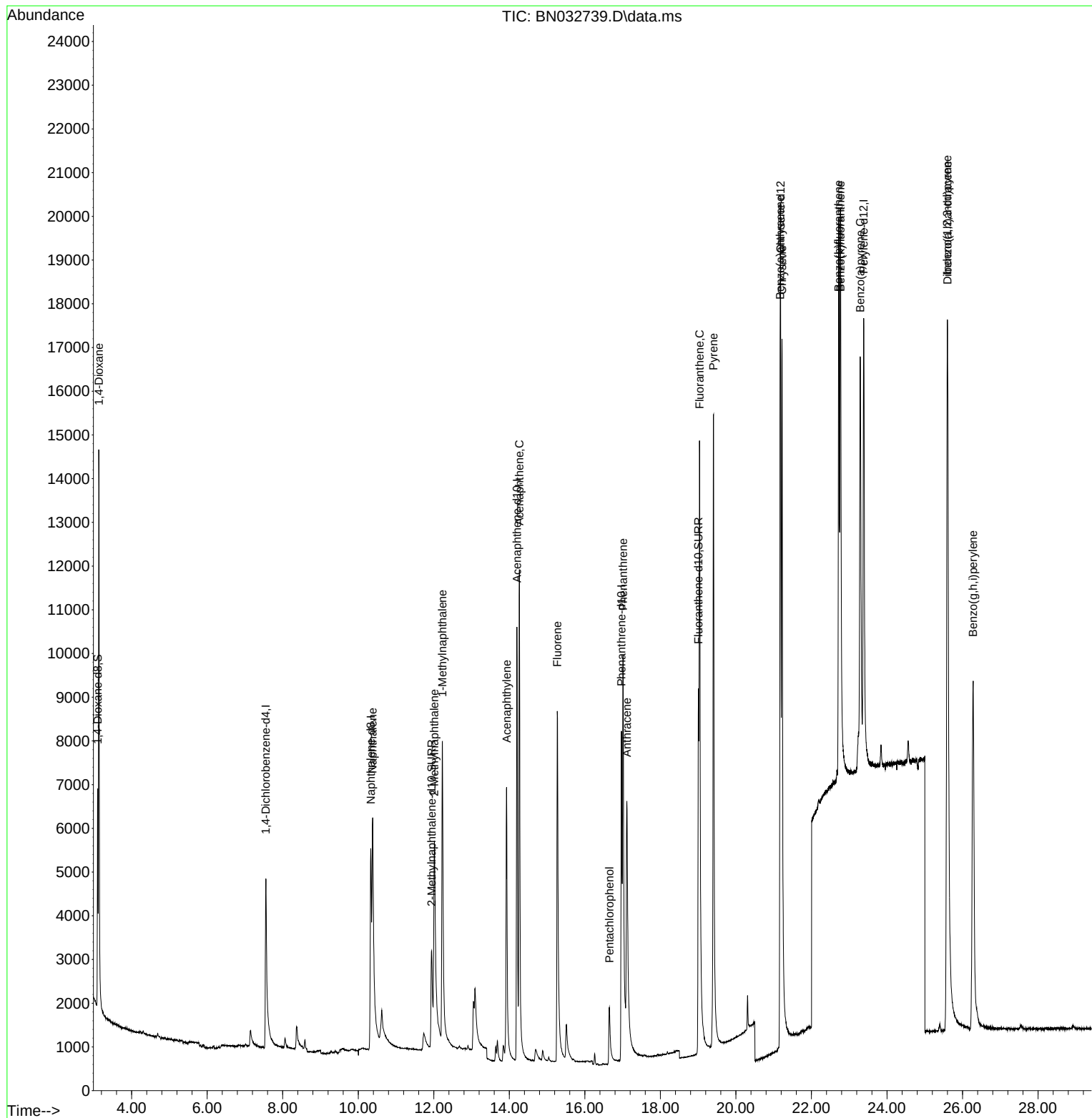
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	3912	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.332	136	11986	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	6951	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.969	188	14167	0.400	ng/ul	-0.02
17) Chrysene-d12	21.185	240	13183	0.400	ng/ul	0.00
23) Perylene-d12	23.383	264	16232	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3292	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	6471	0.357	ng/ul	-0.03
18) Fluoranthene-d10	19.008	212	14357	0.334	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	9096	1.700	ng/ul	91
5) Naphthalene	10.382	128	11647	0.362	ng/ul	99
7) 2-Methylnaphthalene	12.015	142	7045	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.230	142	7160	0.345	ng/ul	99
10) Acenaphthylene	13.929	152	10248	0.365	ng/ul	99
11) Acenaphthene	14.267	153	8393	0.361	ng/ul	99
12) Fluorene	15.271	166	8807	0.332	ng/ul	99
14) Pentachlorophenol	16.649	266	1865	0.750	ng/ul	98
15) Phenanthrene	17.012	178	13237	0.343	ng/ul	99
16) Anthracene	17.113	178	11493	0.365	ng/ul	98
19) Fluoranthene	19.041	202	16829	0.314	ng/ul	100
20) Pyrene	19.408	202	17989	0.324	ng/ul	99
21) Benzo(a)anthracene	21.171	228	15652	0.373	ng/ul	99
22) Chrysene	21.220	228	19938	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.722	252	18452	0.322	ng/ul	96
25) Benzo(k)fluoranthene	22.766	252	20961	0.300	ng/ul	96
26) Benzo(a)pyrene	23.292	252	18416	0.372	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.599	276	24445	0.364	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.606	278	19009	0.365	ng/ul	99
29) Benzo(g,h,i)perylene	26.283	276	19634	0.350	ng/ul	99

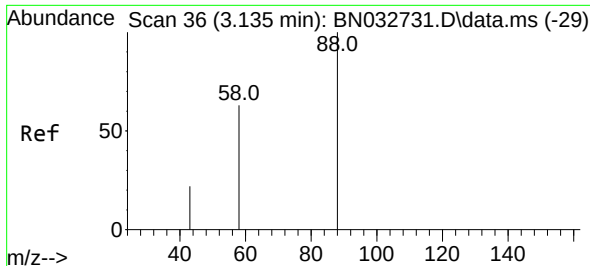
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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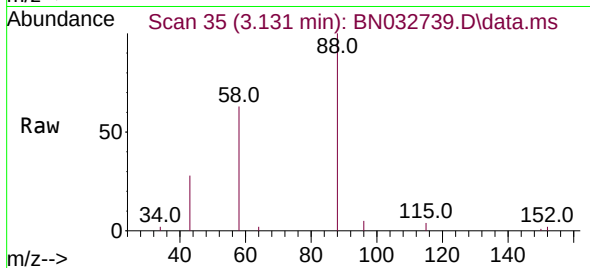
Quant Time: Jul 16 14:43:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



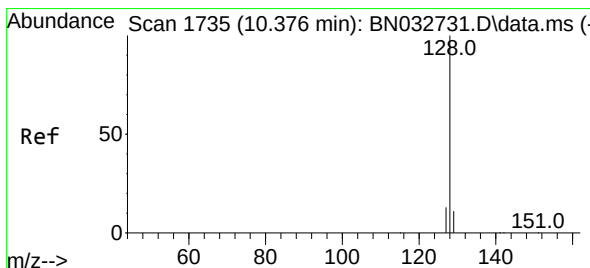
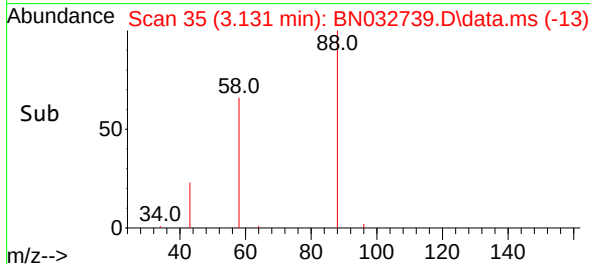
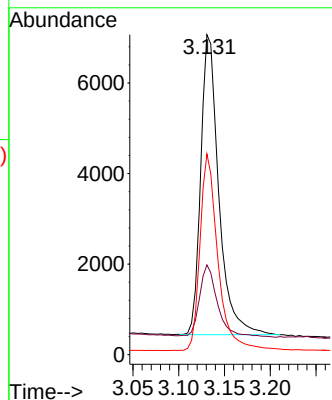


#2
1,4-Dioxane
Concen: 1.700 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Instrument :
BNA_N
ClientSampleId :
SLCS904

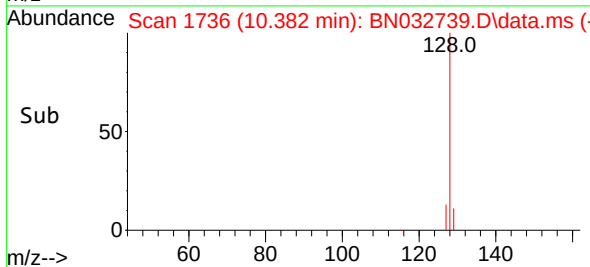
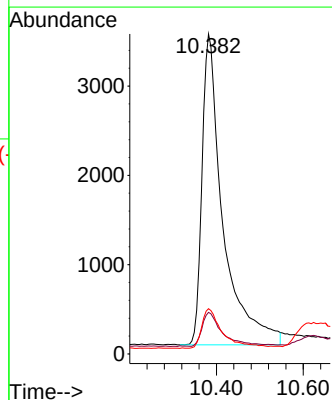
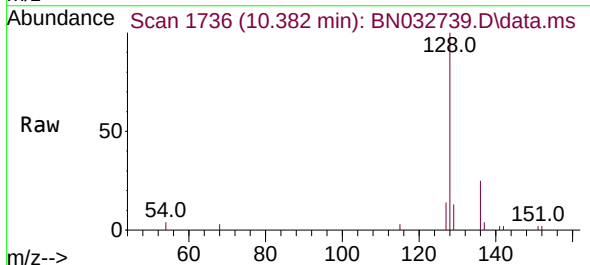


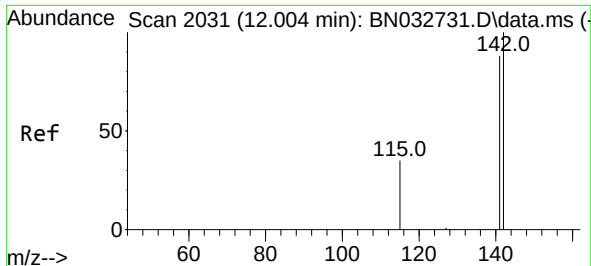
Tgt Ion: 88	Resp:	9096
Ion	Ratio	Lower Upper
88	100	
43	28.1	24.0 36.0
58	62.7	43.3 64.9



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.382 min Scan# 1736
Delta R.T. -0.028 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion: 128	Resp:	11647
Ion	Ratio	Lower Upper
128	100	
129	13.0	10.0 15.0
127	14.1	11.6 17.4

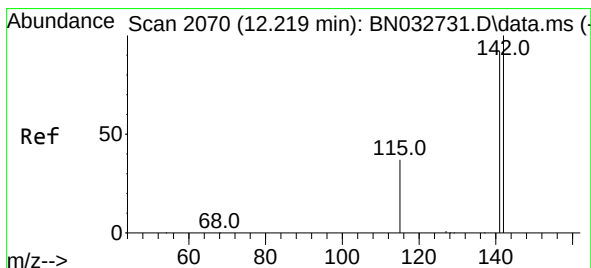
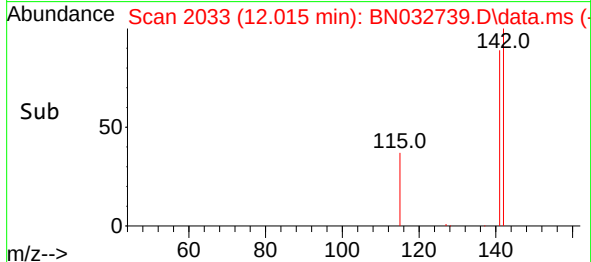
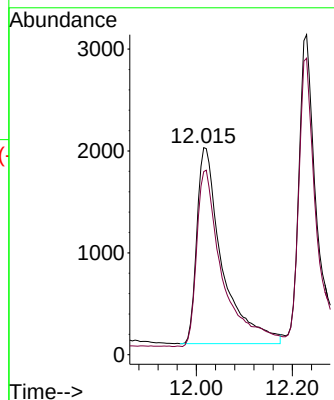
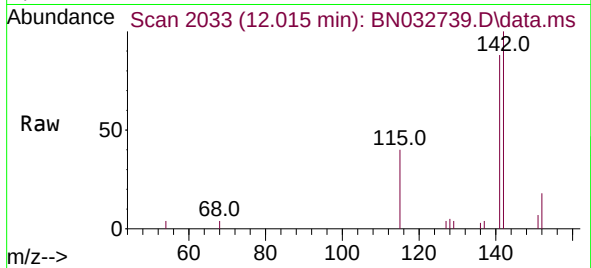




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.015 min Scan# 2033
Delta R.T. -0.033 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

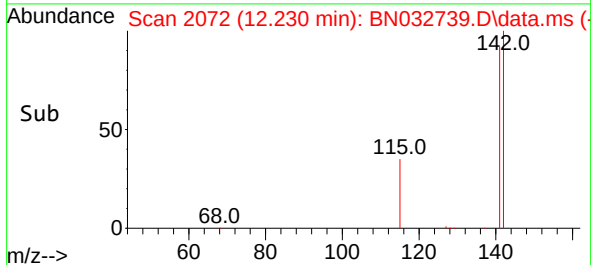
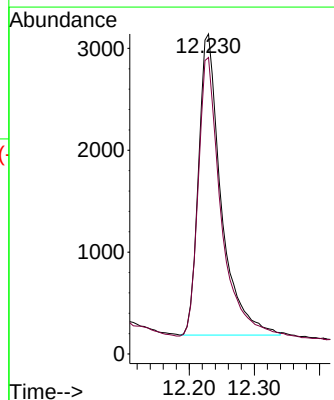
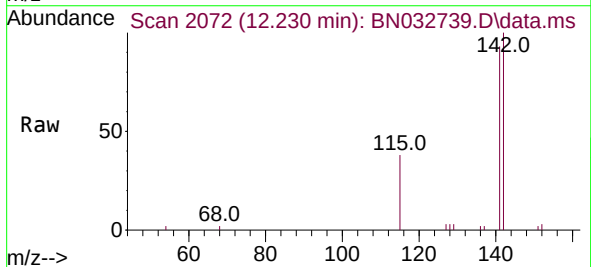
Instrument :
BNA_N
ClientSampleId :
SLCS904

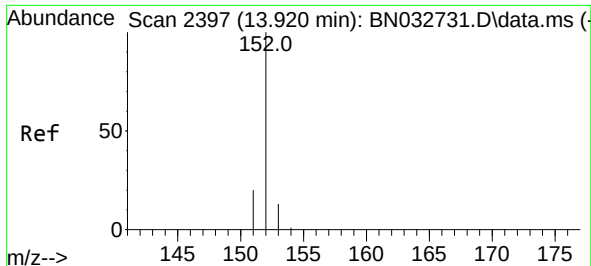
Tgt Ion:142 Resp: 7045
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.230 min Scan# 2072
Delta R.T. -0.017 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

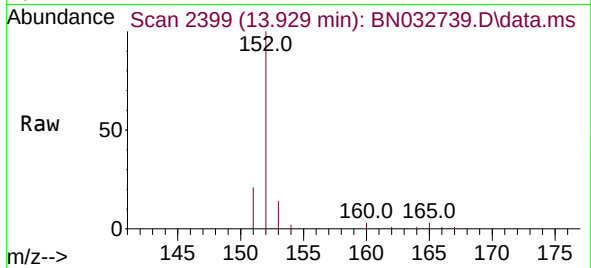
Tgt Ion:142 Resp: 7160
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4



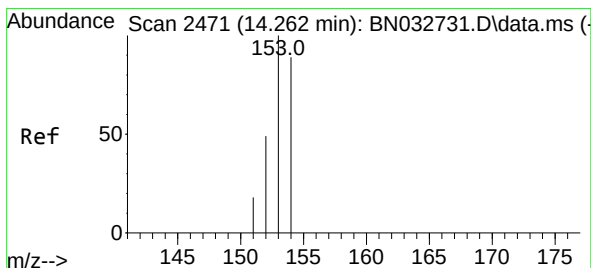
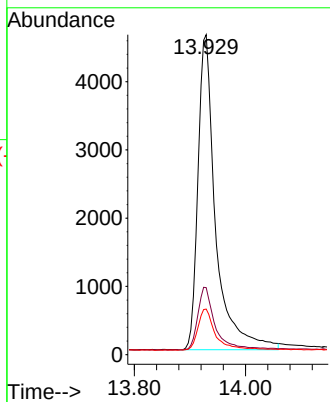
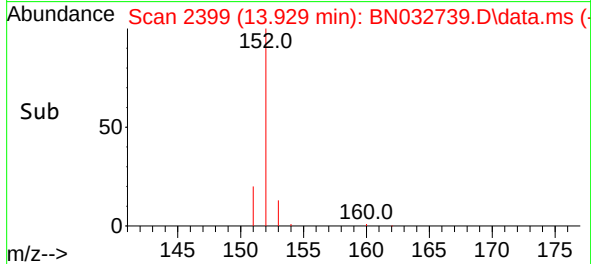


#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.929 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Instrument :
BNA_N
ClientSampleId :
SLCS904

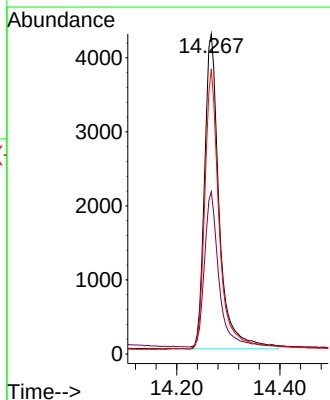
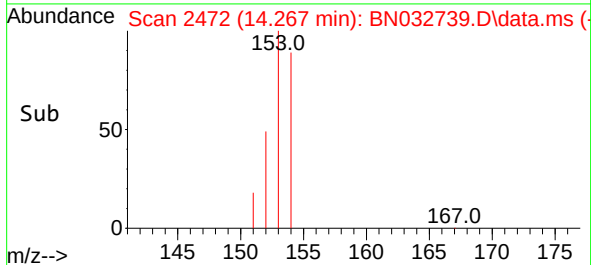
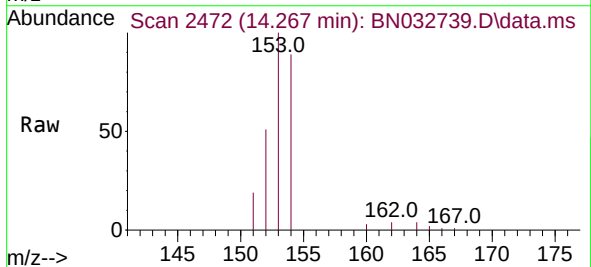


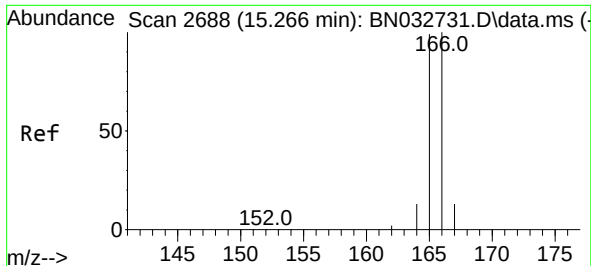
Tgt Ion:152 Resp: 10248
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.2 11.3 16.9



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion:153 Resp: 8393
Ion Ratio Lower Upper
153 100
152 50.7 40.0 60.0
154 89.0 70.2 105.4

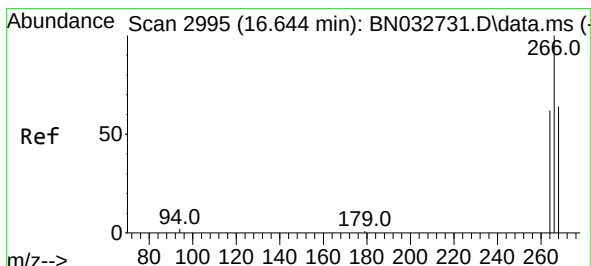
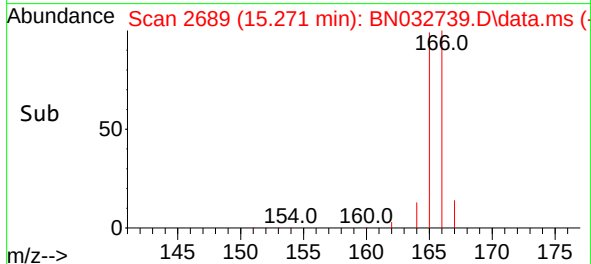
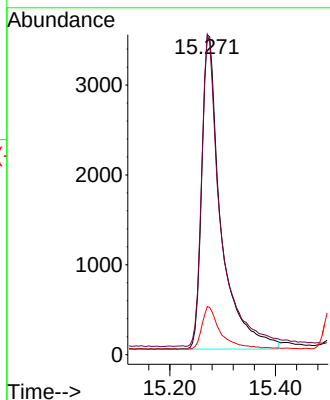
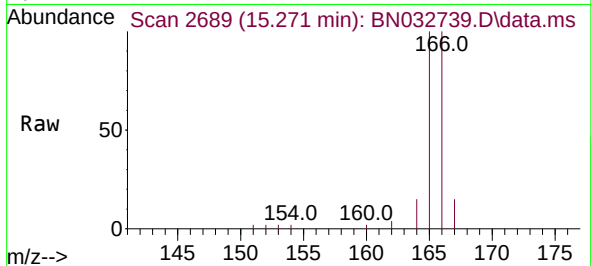




#12
 Fluorene
 Concen: 0.332 ng/ul
 RT: 15.271 min Scan# 2096
 Delta R.T. -0.019 min
 Lab File: BN032739.D
 Acq: 16 Jul 2024 14:03

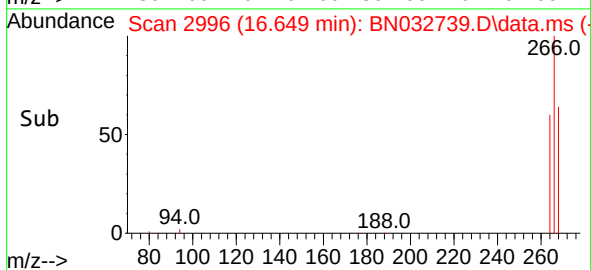
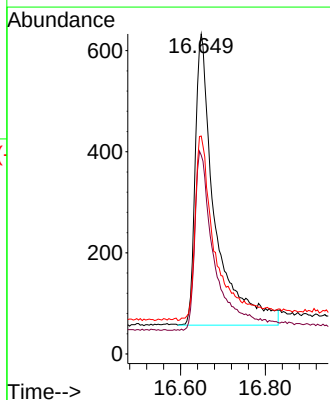
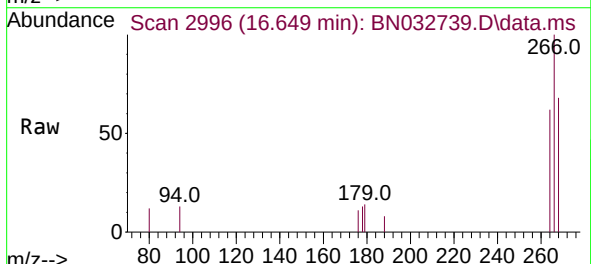
Instrument :
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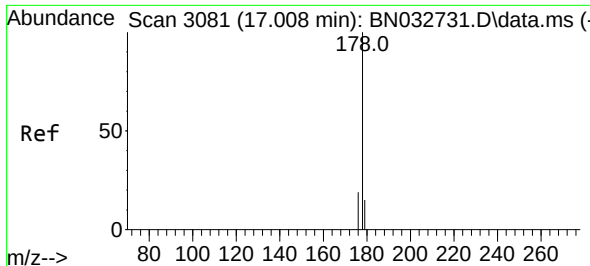
Tgt Ion:166 Resp: 8807
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.7 119.5
 167 15.1 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.750 ng/ul
 RT: 16.649 min Scan# 2996
 Delta R.T. -0.021 min
 Lab File: BN032739.D
 Acq: 16 Jul 2024 14:03

Tgt Ion:266 Resp: 1865
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.4 74.2
 268 66.3 51.6 77.4

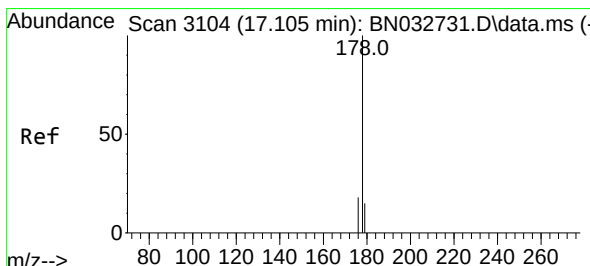
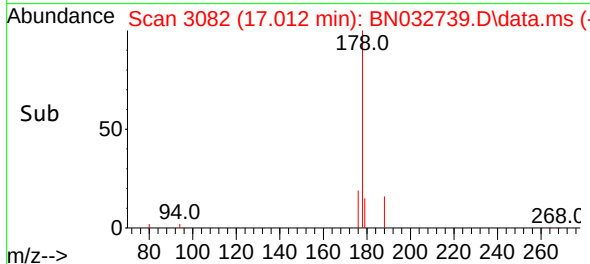
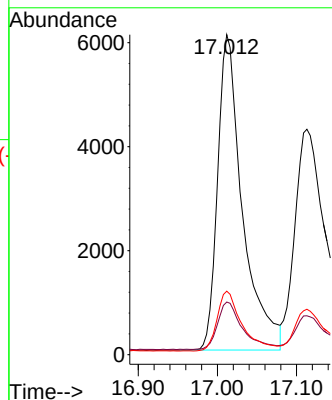
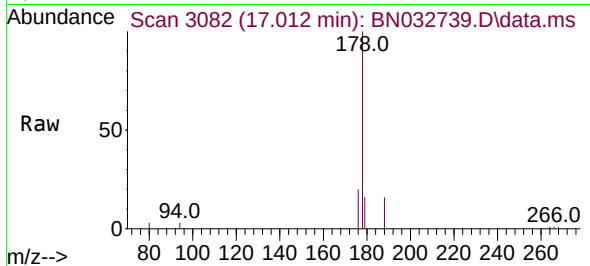




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.012 min Scan# 3082
Delta R.T. -0.017 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

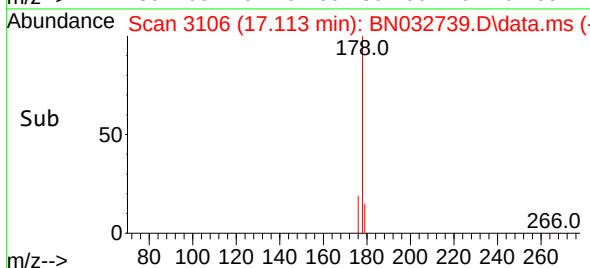
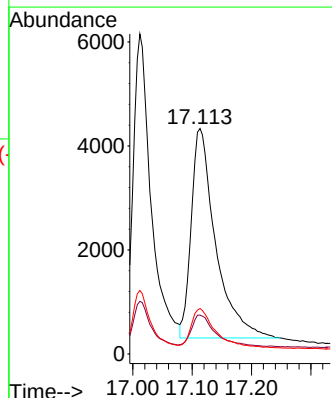
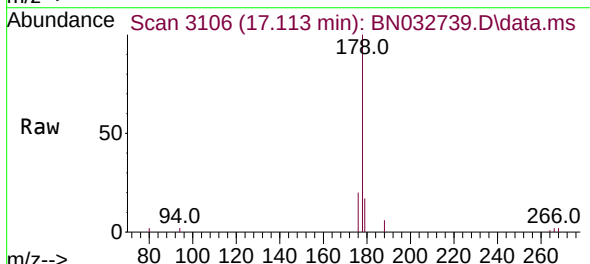
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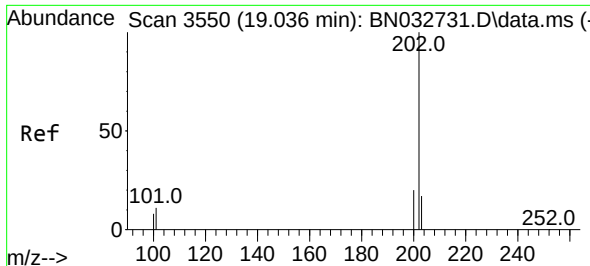
Tgt Ion:178 Resp: 13237
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.113 min Scan# 3106
Delta R.T. -0.025 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion:178 Resp: 11493
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.2
176 20.1 15.4 23.0

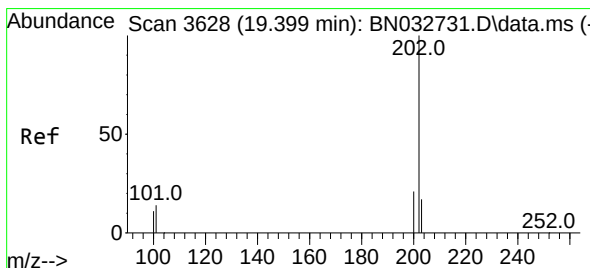
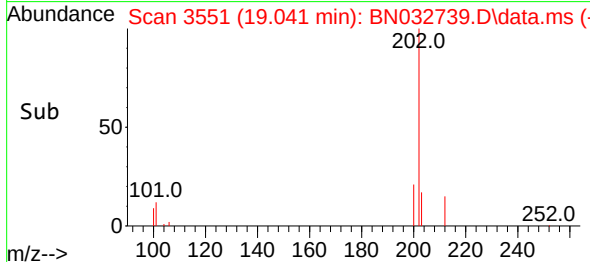
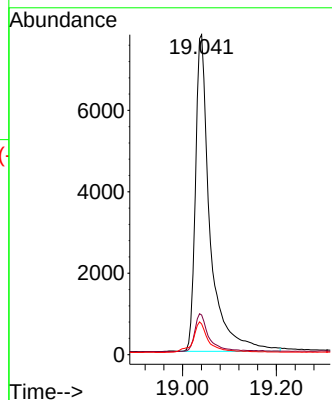
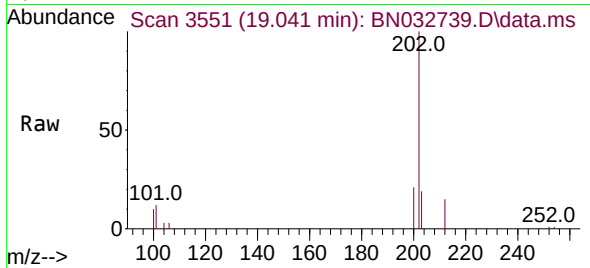




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.041 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

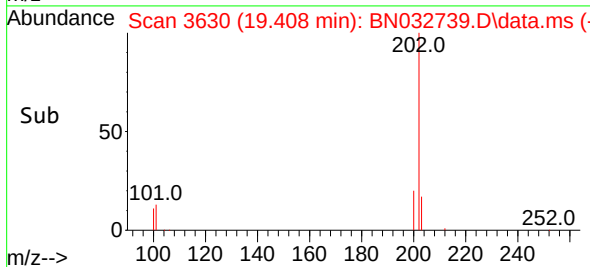
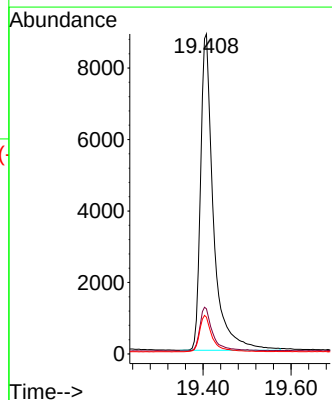
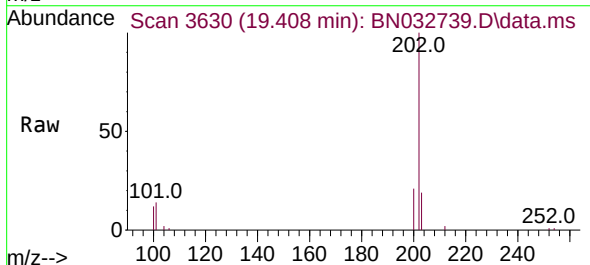
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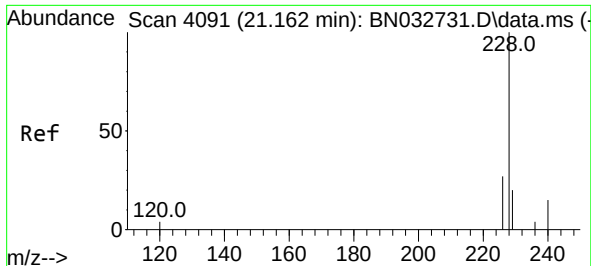
Tgt Ion:202 Resp: 16829
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.408 min Scan# 3630
Delta R.T. -0.014 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

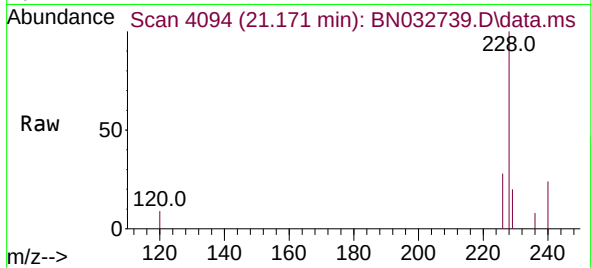
Tgt Ion:202 Resp: 17989
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.5 9.6 14.4



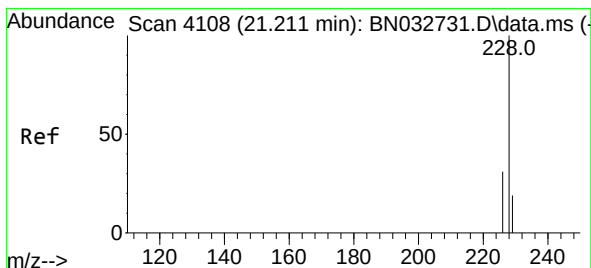
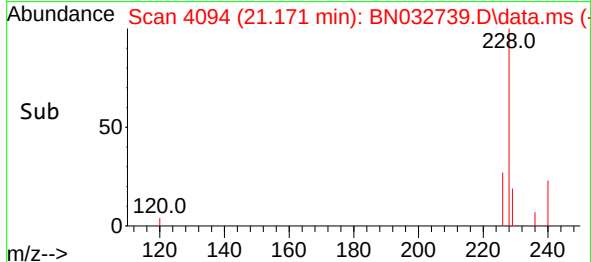
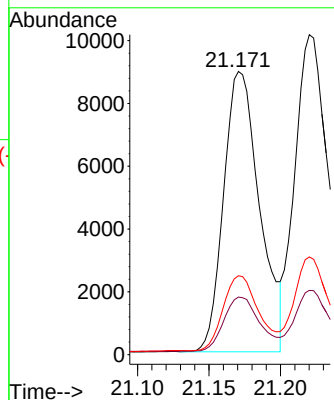


#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.171 min Scan# 4091
Delta R.T. -0.012 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Instrument :
BNA_N
ClientSampleId :
SLCS904

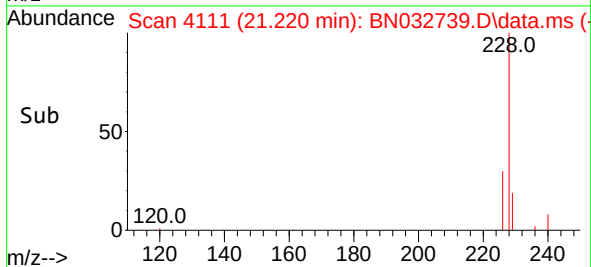
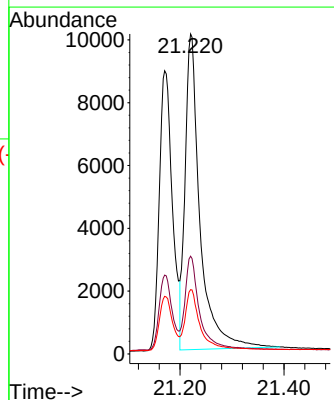
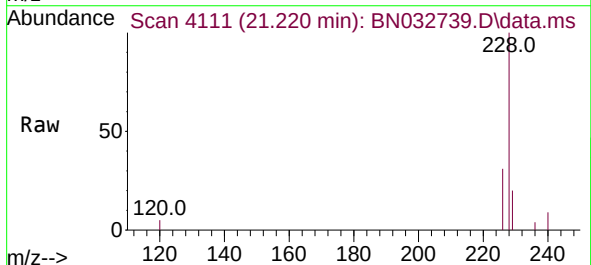


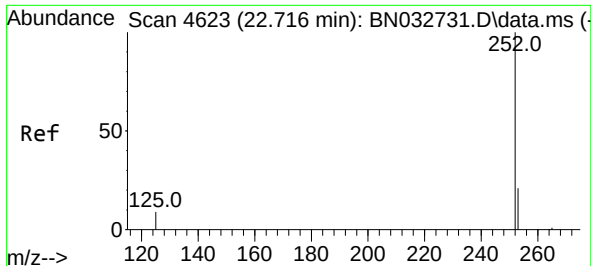
Tgt Ion:228 Resp: 15652
Ion Ratio Lower Upper
228 100
229 20.4 16.1 24.1
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.220 min Scan# 4111
Delta R.T. -0.012 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

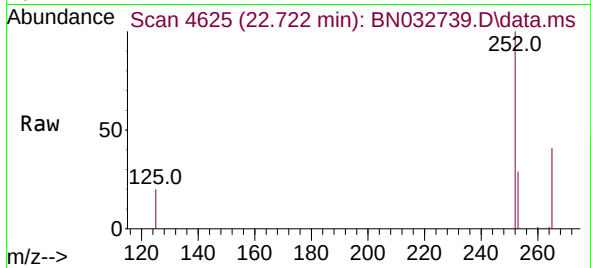
Tgt Ion:228 Resp: 19938
Ion Ratio Lower Upper
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226 30.6 24.0 36.0
229 20.1 15.8 23.6



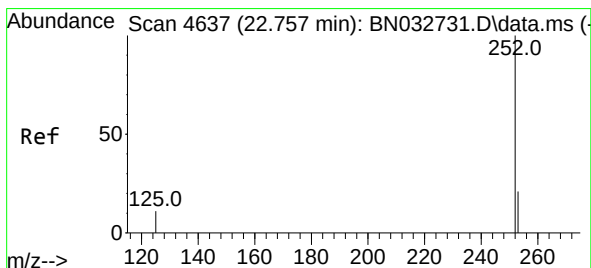
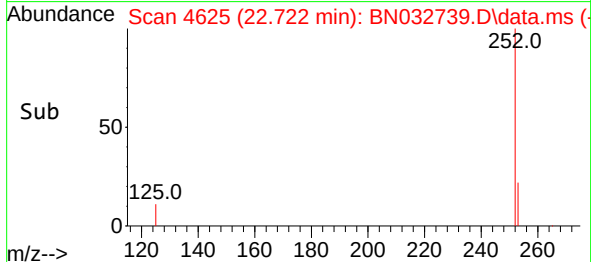
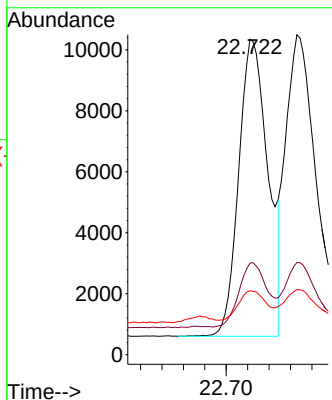


#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 22.722 min Scan# 4625
Delta R.T. -0.012 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Instrument :
BNA_N
ClientSampleId :
SLCS904

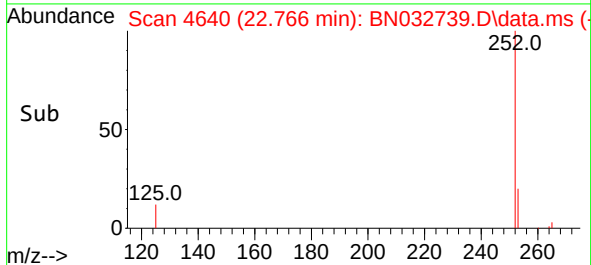
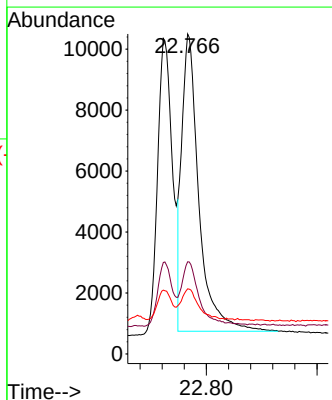
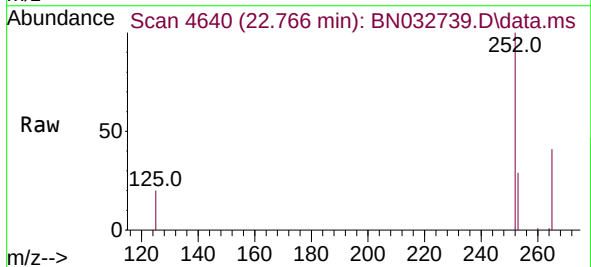


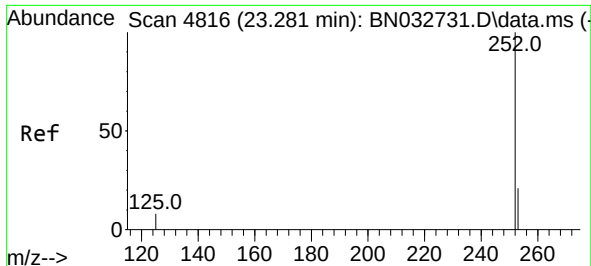
Tgt Ion:252 Resp: 18452
Ion Ratio Lower Upper
252 100
253 29.0 0.0 54.0
125 20.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 22.766 min Scan# 4640
Delta R.T. -0.012 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion:252 Resp: 20961
Ion Ratio Lower Upper
252 100
253 28.8 21.2 31.8
125 20.3 14.8 22.2

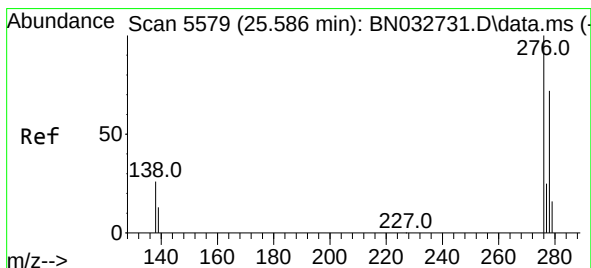
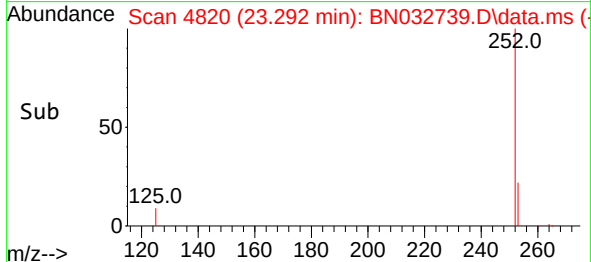
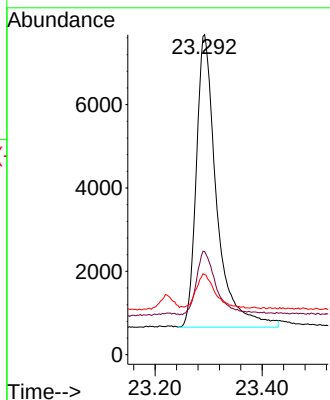
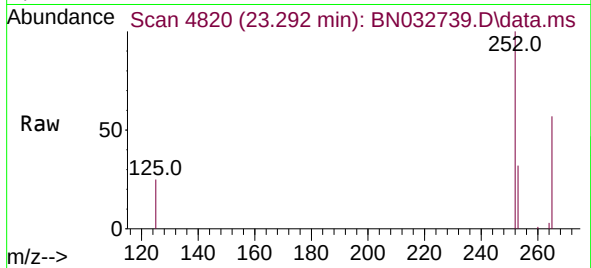




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.292 min Scan# 4816
Delta R.T. -0.018 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

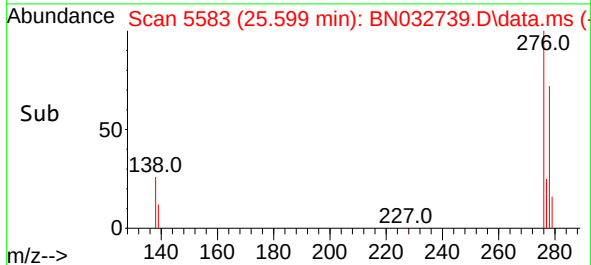
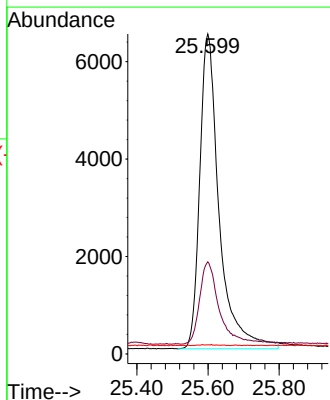
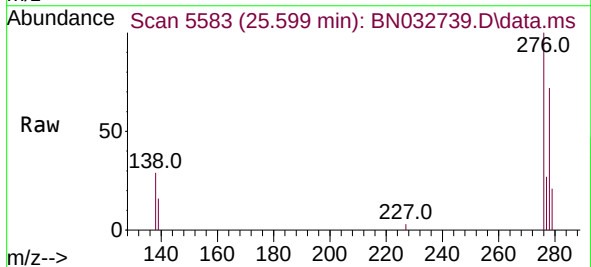
Instrument :
BNA_N
ClientSampleId :
SLCS904

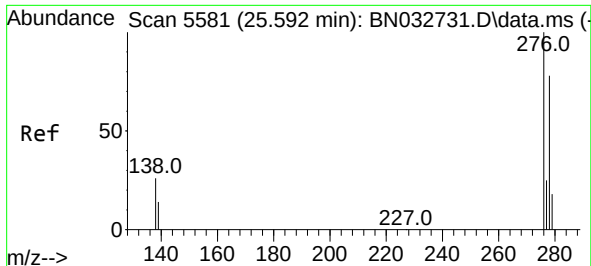
Tgt Ion:252 Resp: 18416
Ion Ratio Lower Upper
252 100
253 32.2 25.4 38.0
125 25.0 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.599 min Scan# 5583
Delta R.T. -0.027 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion:276 Resp: 24445
Ion Ratio Lower Upper
276 100
138 26.8 21.6 32.4
227 0.2 0.0 0.0#

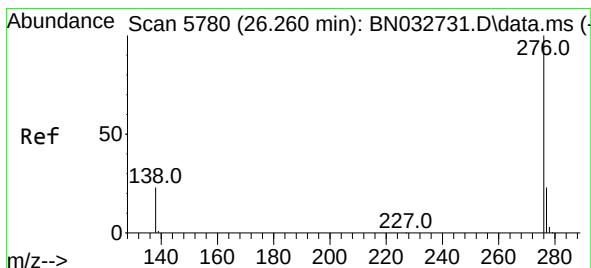
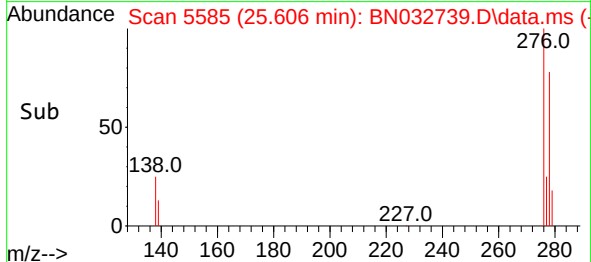
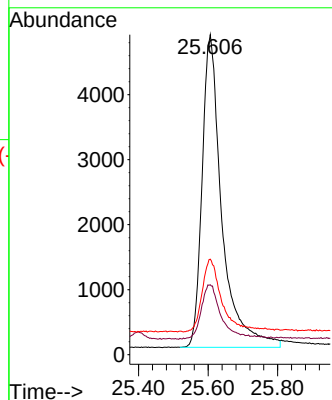
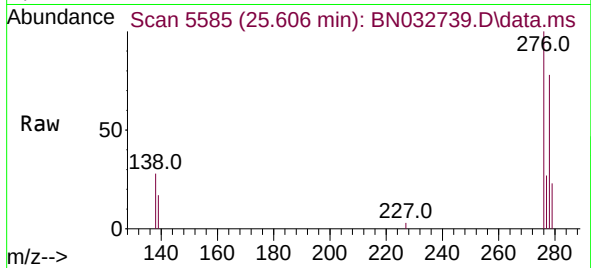




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.606 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Instrument :
BNA_N
ClientSampleId :
SLCS904

Tgt Ion:278 Resp: 19009
Ion Ratio Lower Upper
278 100
139 21.8 16.6 24.8
279 29.8 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 26.283 min Scan# 5787
Delta R.T. -0.017 min
Lab File: BN032739.D
Acq: 16 Jul 2024 14:03

Tgt Ion:276 Resp: 19634
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.4
277 26.2 20.6 31.0

