

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032711.D
 Acq On : 13 Jul 2024 15:44
 Operator : MA/JU
 Sample : PB161929BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS929

Quant Time: Jul 15 08:57:44 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

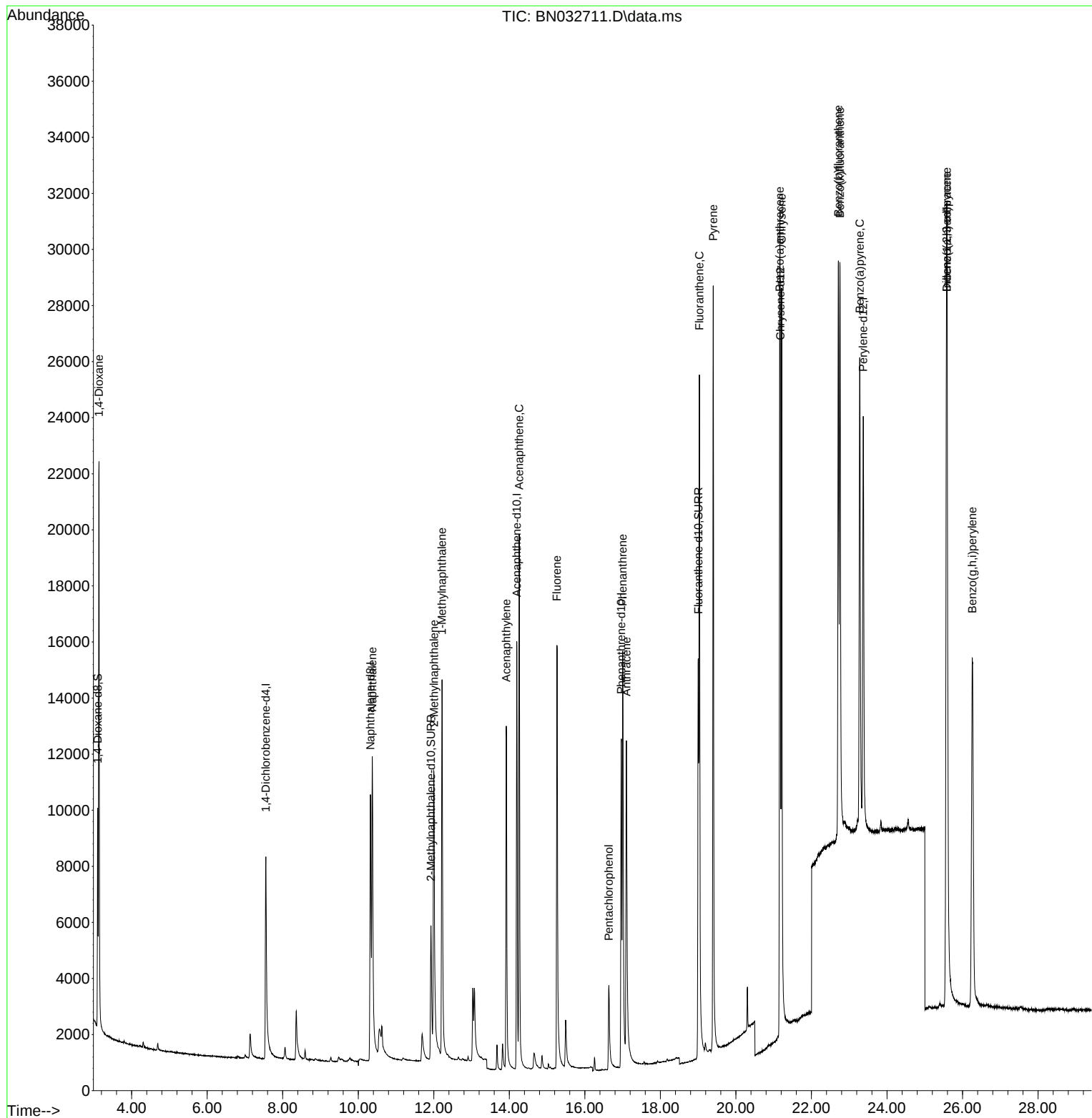
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5990	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	17979	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	9410	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.965	188	18515	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	16926	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	20818	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4934	0.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9855	0.363	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	19960	0.362	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.135	88	14270	1.742	ng/ul	92
5) Naphthalene	10.371	128	18743	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	11370	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	11444	0.367	ng/ul	99
10) Acenaphthylene	13.920	152	16781	0.441	ng/ul	99
11) Acenaphthene	14.262	153	12454	0.396	ng/ul	99
12) Fluorene	15.262	166	12995	0.362	ng/ul	99
14) Pentachlorophenol	16.636	266	3398	1.046	ng/ul	98
15) Phenanthrene	17.003	178	19300	0.383	ng/ul	100
16) Anthracene	17.100	178	18240	0.443	ng/ul	99
19) Fluoranthene	19.031	202	24754	0.360	ng/ul	99
20) Pyrene	19.398	202	26422	0.371	ng/ul	100
21) Benzo(a)anthracene	21.162	228	24953	0.463	ng/ul	99
22) Chrysene	21.211	228	27918	0.358	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	27020	0.368	ng/ul	96
25) Benzo(k)fluoranthene	22.754	252	29066	0.325	ng/ul	95
26) Benzo(a)pyrene	23.281	252	27403	0.431	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.582	276	35623	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	27765	0.416	ng/ul#	96
29) Benzo(g,h,i)perylene	26.260	276	28135	0.391	ng/ul	97

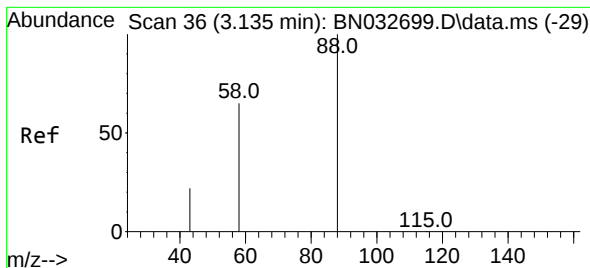
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.742 ng/ul

RT: 3.135 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

Instrument :

BNA_N

ClientSampleId :

SLCS929

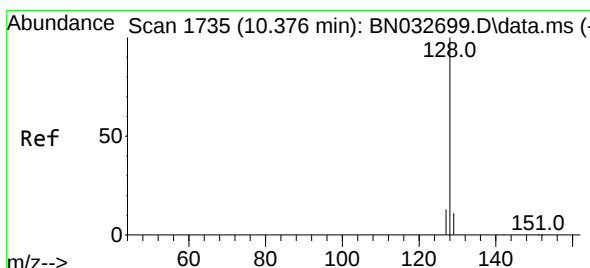
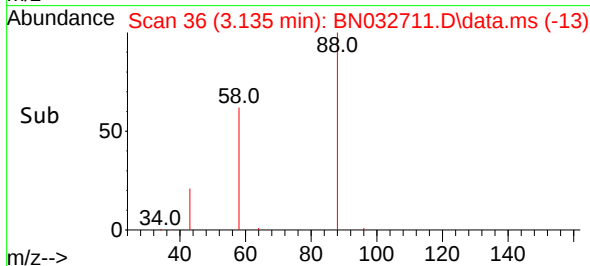
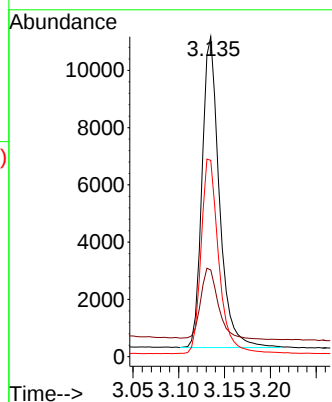
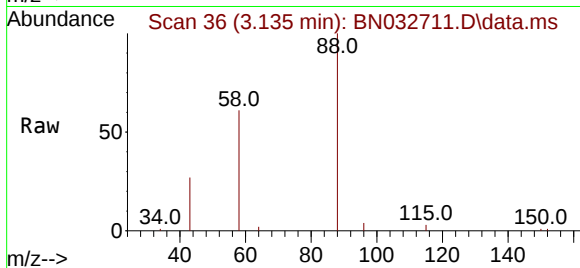
Tgt Ion: 88 Resp: 14270

Ion Ratio Lower Upper

88 100

43 27.1 24.0 36.0

58 61.4 43.3 64.9



#5

Naphthalene

Concen: 0.388 ng/ul

RT: 10.371 min Scan# 1734

Delta R.T. -0.039 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

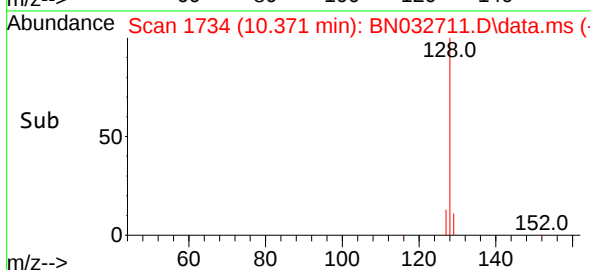
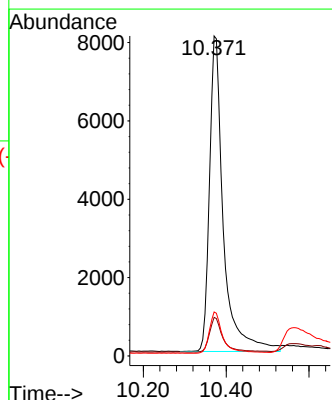
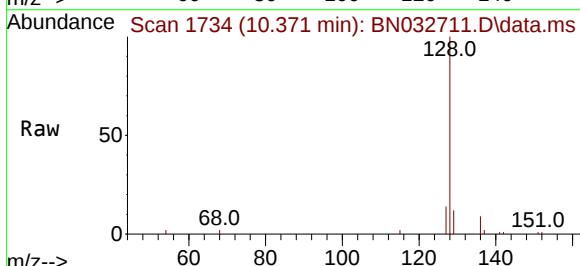
Tgt Ion:128 Resp: 18743

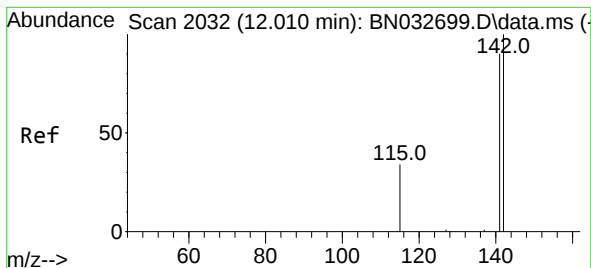
Ion Ratio Lower Upper

128 100

129 12.1 10.0 15.0

127 13.8 11.6 17.4

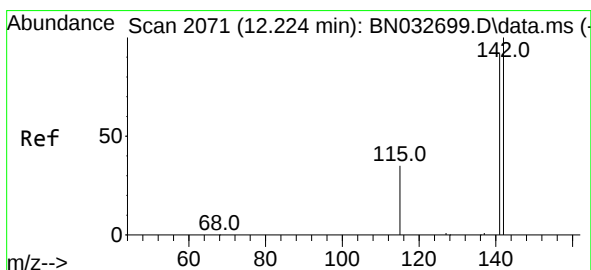
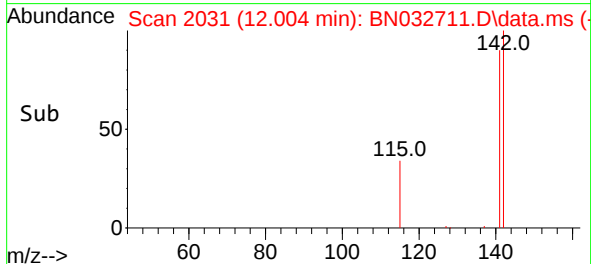
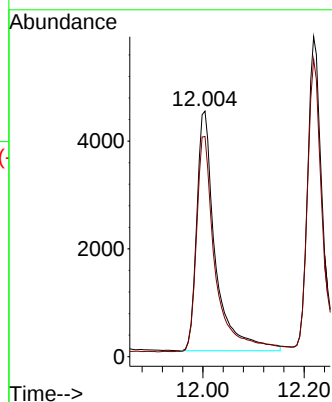
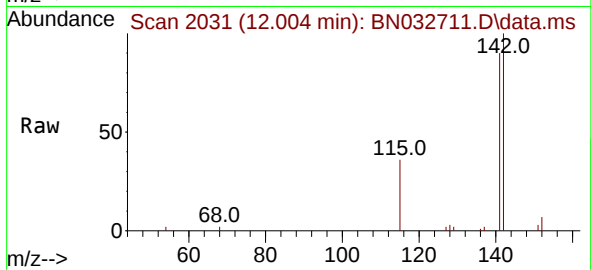




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

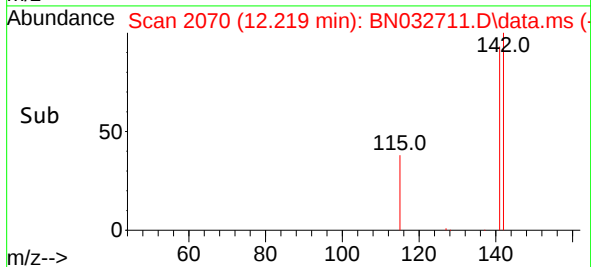
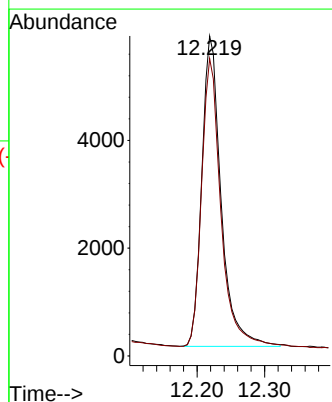
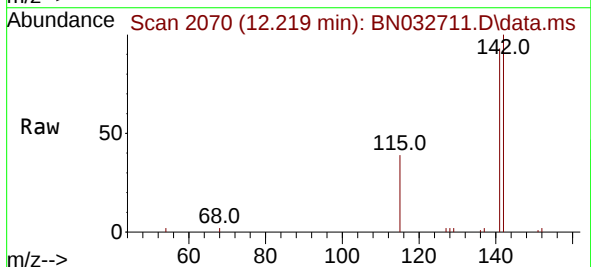
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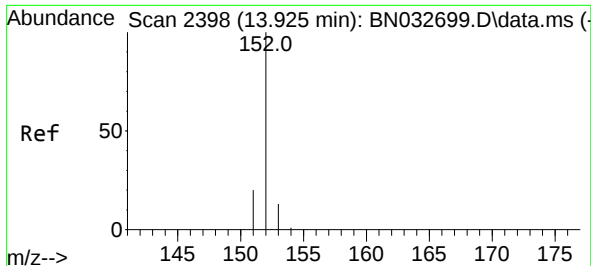
Tgt Ion:142 Resp: 11370
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.028 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:142 Resp: 11444
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

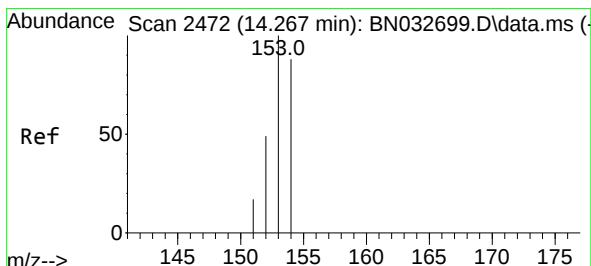
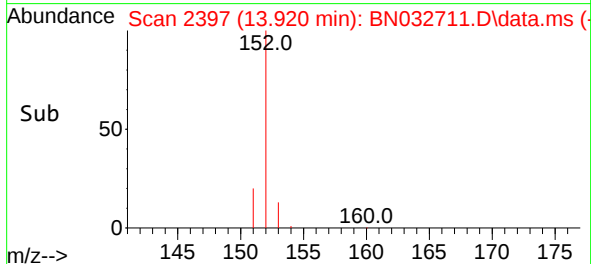
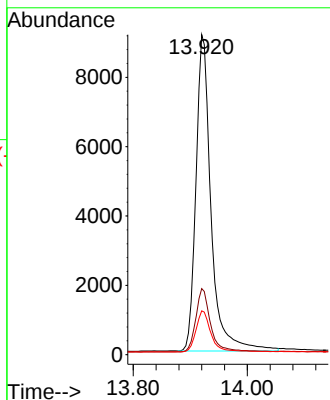
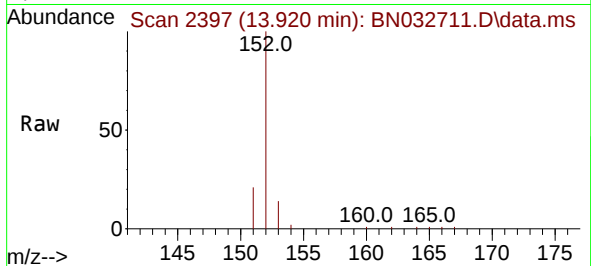




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

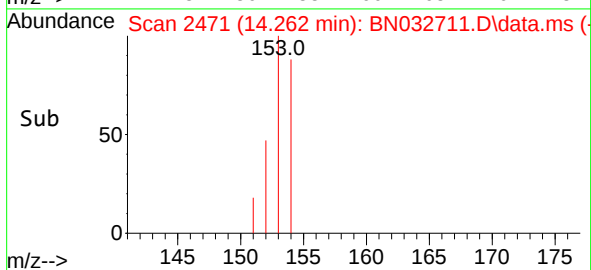
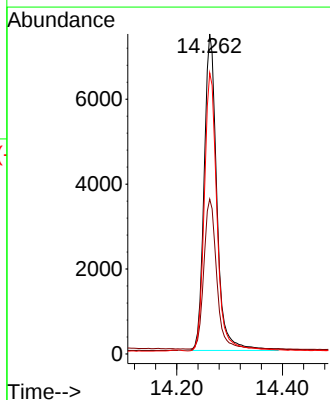
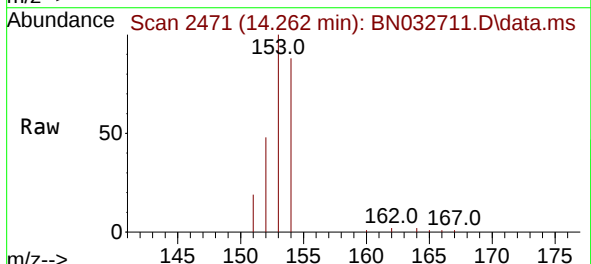
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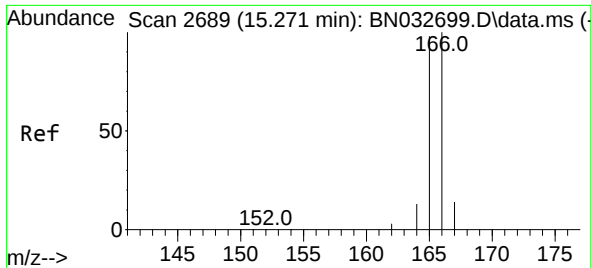
Tgt Ion:152 Resp: 16781
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.7 11.3 16.9



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:153 Resp: 12454
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 87.8 70.2 105.4

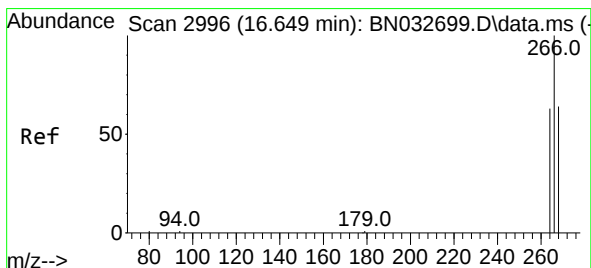
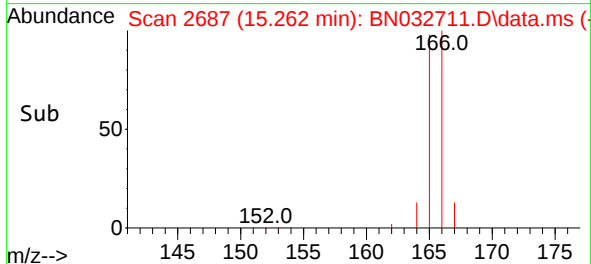
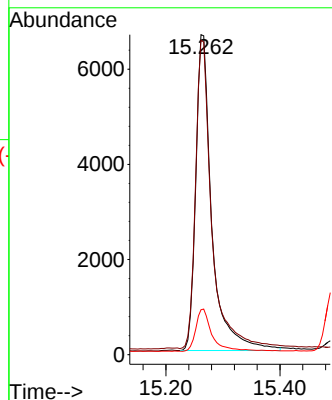
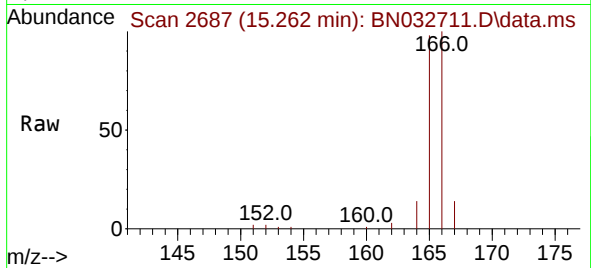




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.262 min Scan# 2093
Delta R.T. -0.028 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

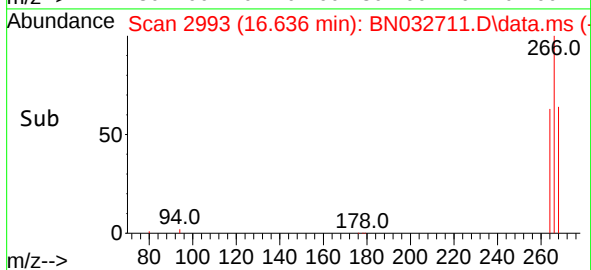
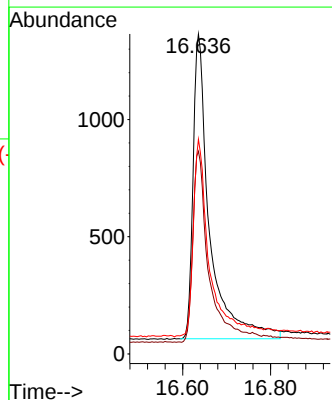
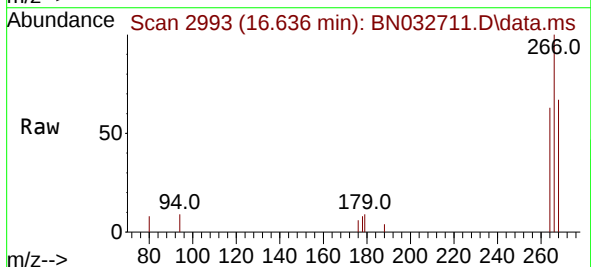
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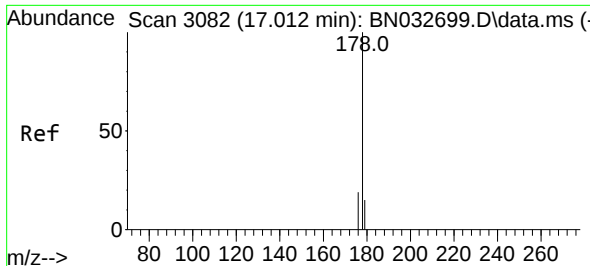
Tgt Ion:166 Resp: 12995
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 14.1 11.4 17.2



#14
Pentachlorophenol
Concen: 1.046 ng/ul
RT: 16.636 min Scan# 2993
Delta R.T. -0.034 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:266 Resp: 3398
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.2
268 66.2 51.6 77.4

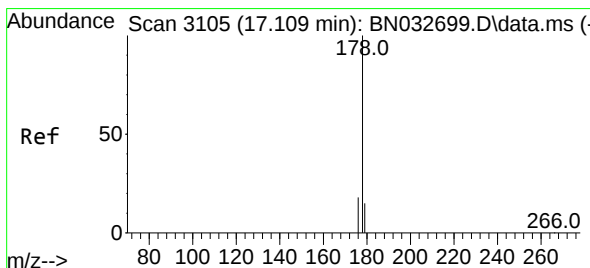
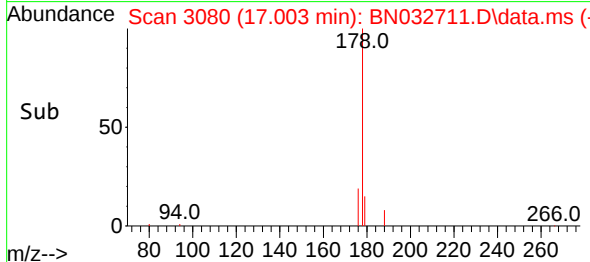
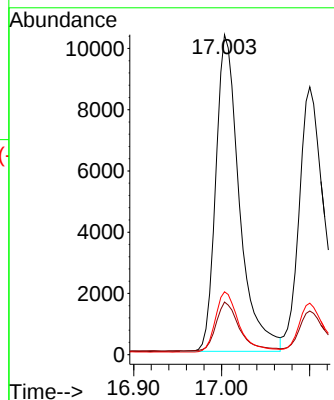
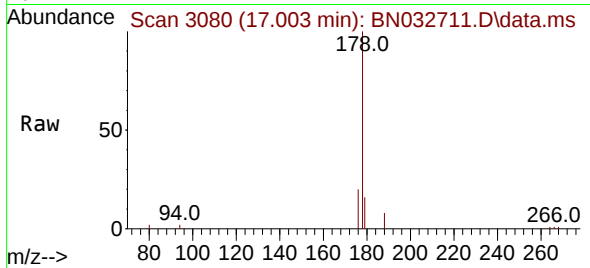




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

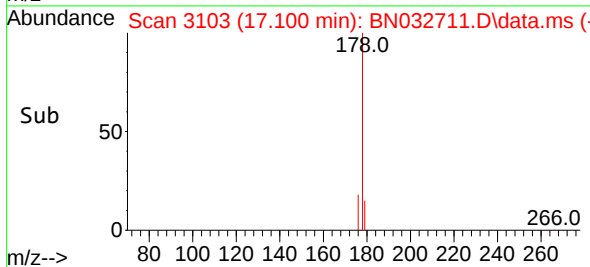
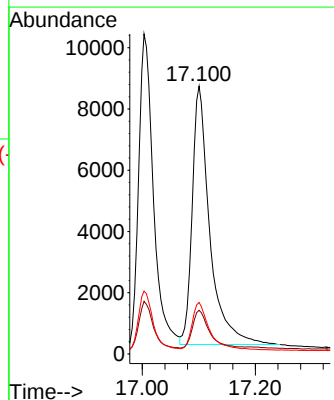
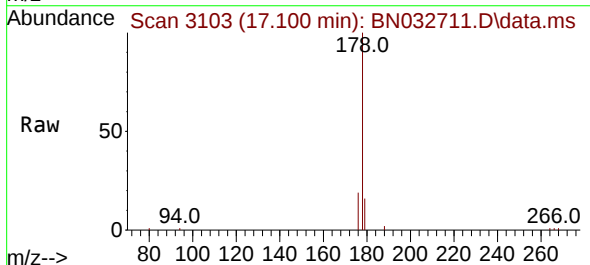
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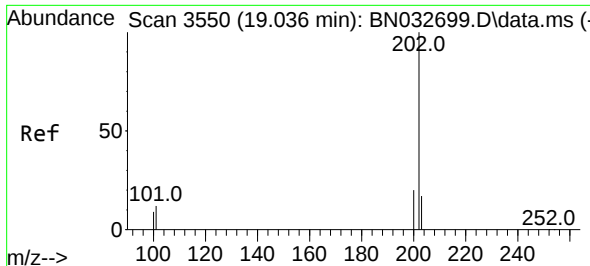
Tgt Ion:178 Resp: 19300
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.100 min Scan# 3103
Delta R.T. -0.038 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:178 Resp: 18240
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.3 15.4 23.0

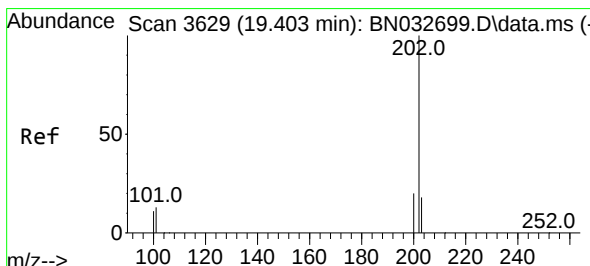
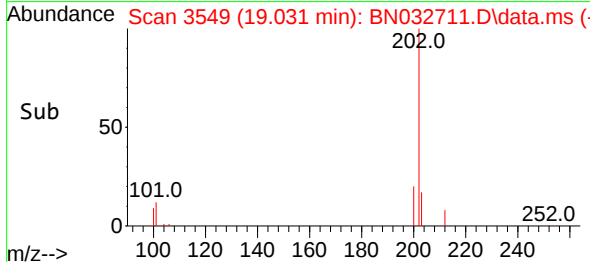
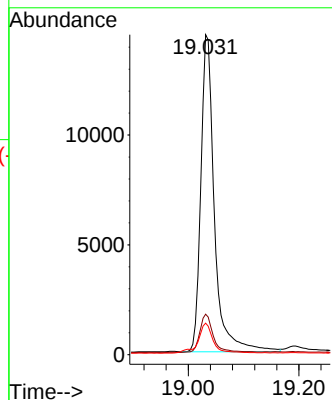
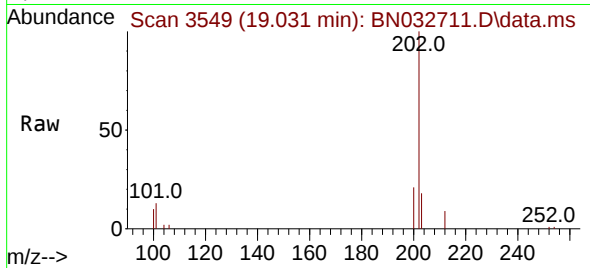




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

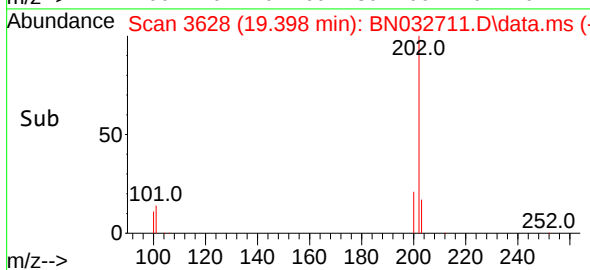
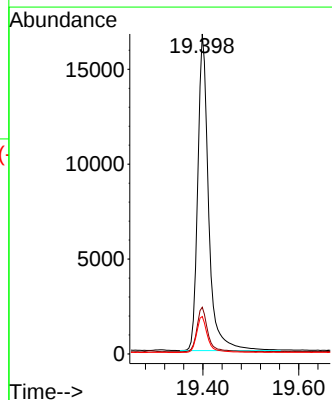
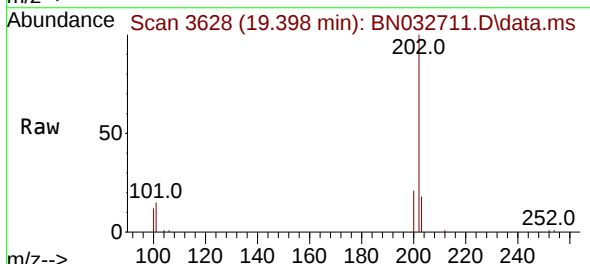
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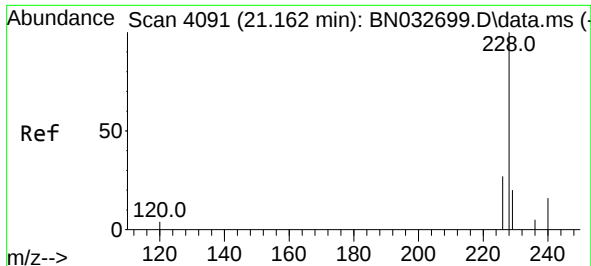
Tgt Ion:202 Resp: 24754
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.8 7.9 11.9



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:202 Resp: 26422
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.7 9.6 14.4

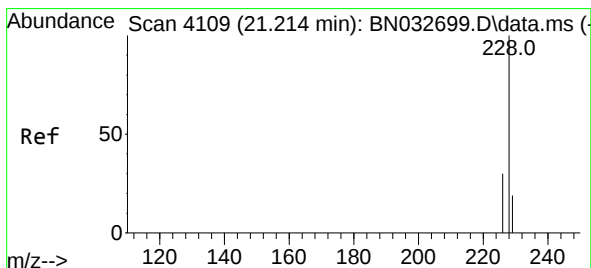
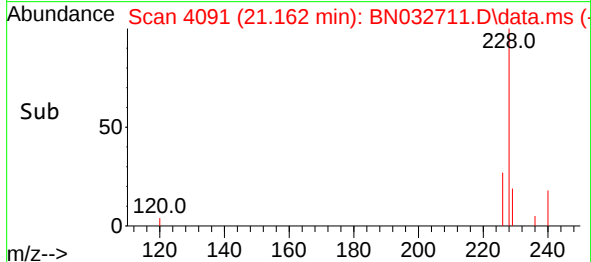
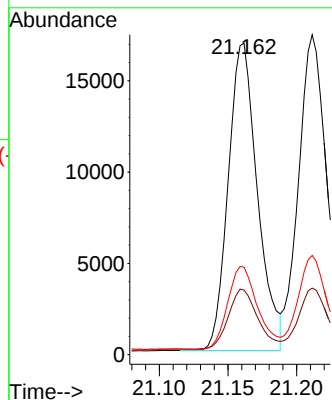
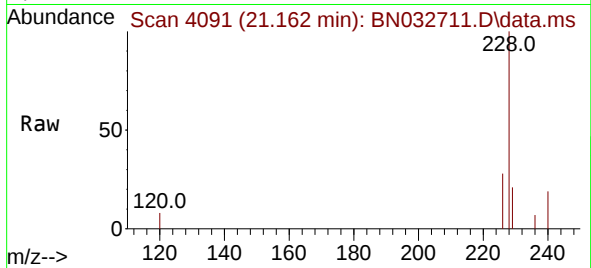




#21
Benzo(a)anthracene
Concen: 0.463 ng/ul
RT: 21.162 min Scan# 4091
Delta R.T. -0.021 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

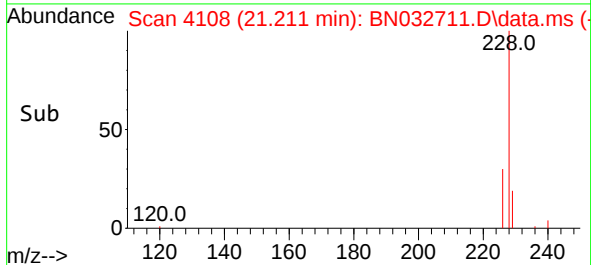
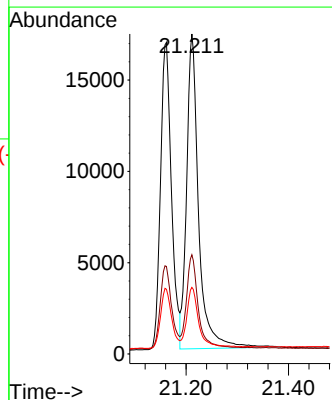
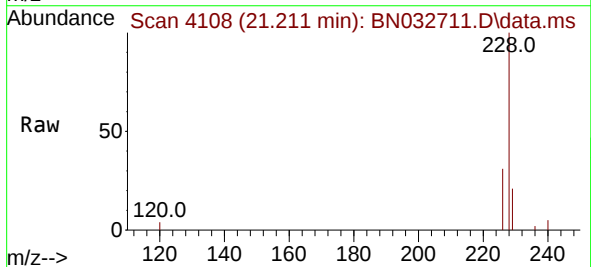
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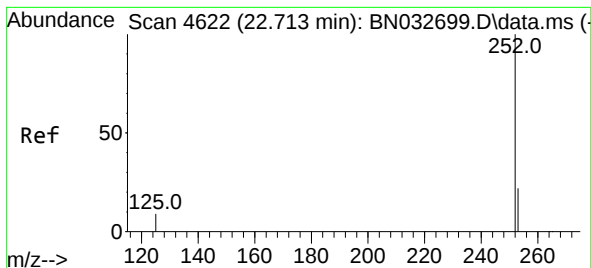
Tgt Ion:228 Resp: 24953
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:228 Resp: 27918
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 20.8 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.368 ng/ul

RT: 22.713 min Scan# 4622

Delta R.T. -0.021 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

Instrument :

BNA_N

ClientSampleId :

SLCS929

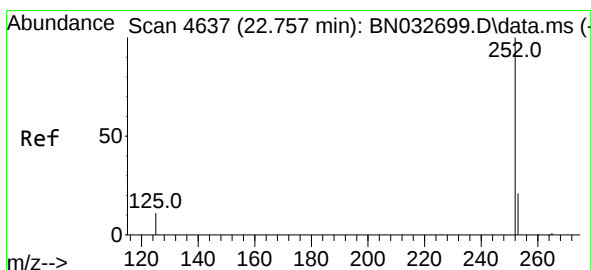
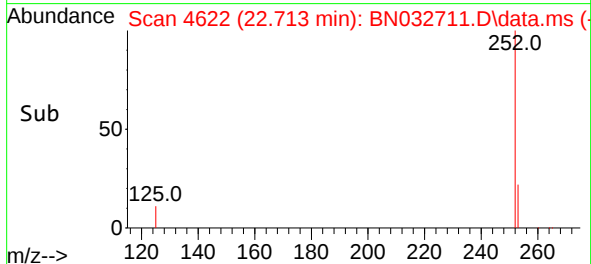
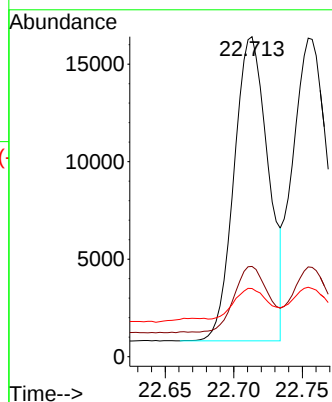
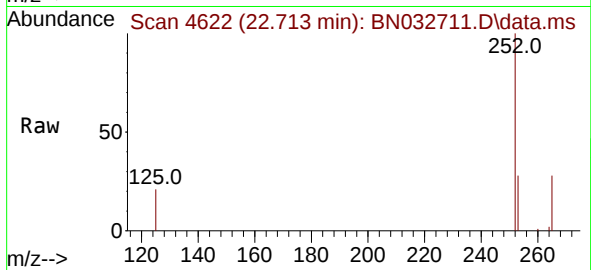
Tgt Ion:252 Resp: 27020

Ion Ratio Lower Upper

252 100

253 28.2 0.0 54.0

125 21.3 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 0.325 ng/ul

RT: 22.754 min Scan# 4636

Delta R.T. -0.023 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

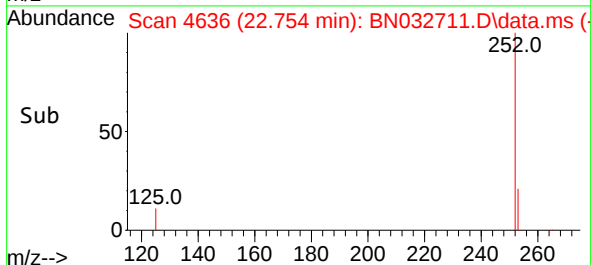
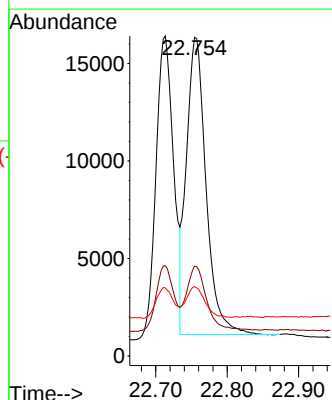
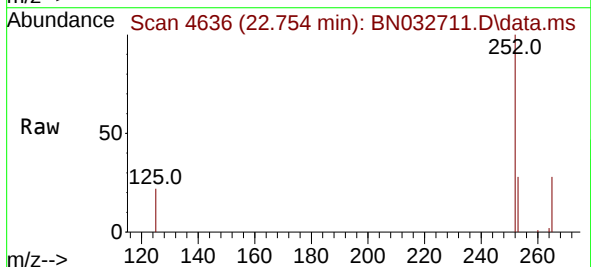
Tgt Ion:252 Resp: 29066

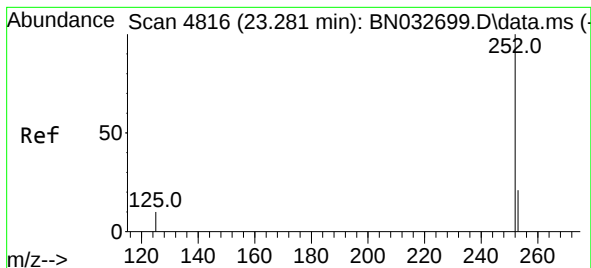
Ion Ratio Lower Upper

252 100

253 28.2 21.2 31.8

125 21.8 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.281 min Scan# 4816

Delta R.T. -0.029 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

Instrument :

BNA_N

ClientSampleId :

SLCS929

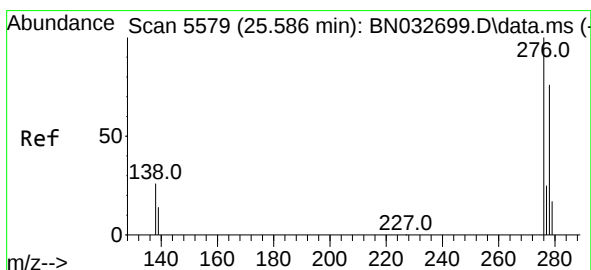
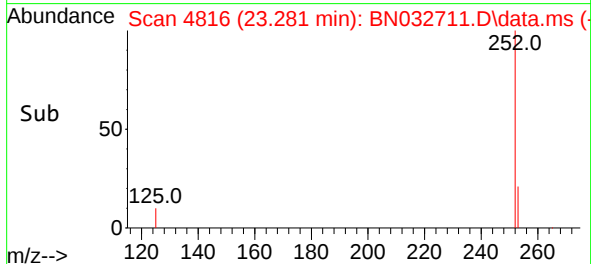
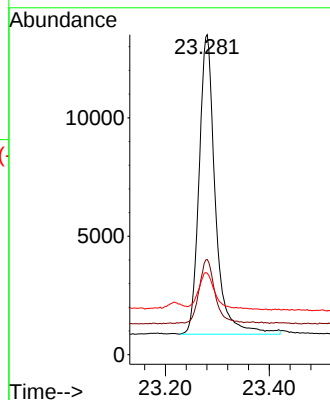
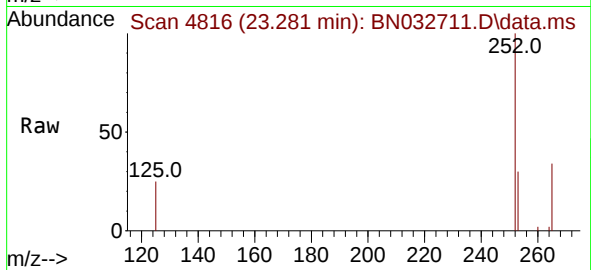
Tgt Ion:252 Resp: 27403

Ion Ratio Lower Upper

252 100

253 29.8 25.4 38.0

125 25.5 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 25.582 min Scan# 5578

Delta R.T. -0.044 min

Lab File: BN032711.D

Acq: 13 Jul 2024 15:44

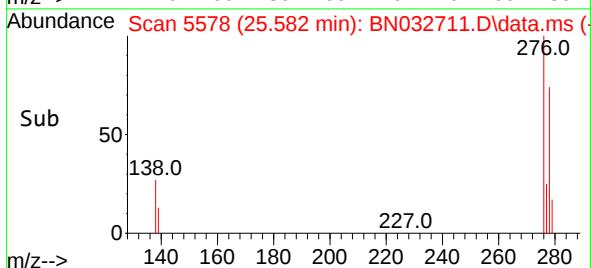
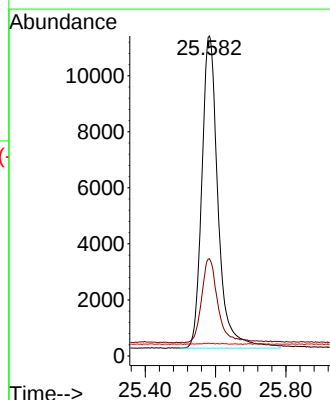
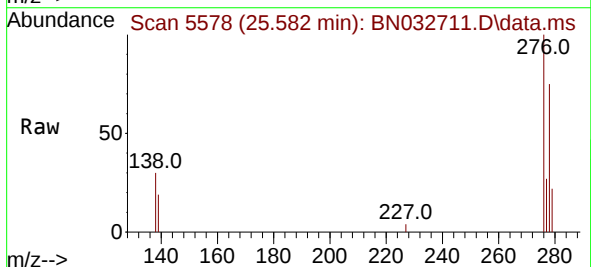
Tgt Ion:276 Resp: 35623

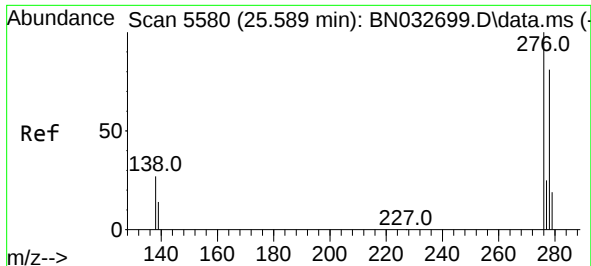
Ion Ratio Lower Upper

276 100

138 27.1 21.6 32.4

227 0.2 0.0 0.0#

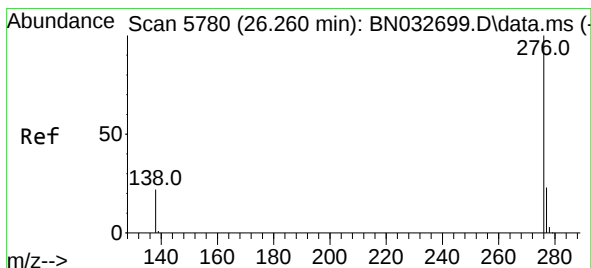
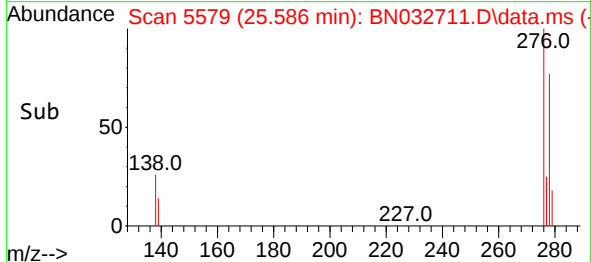
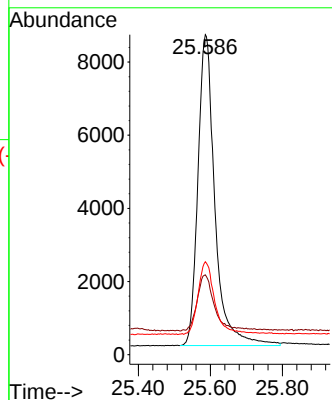
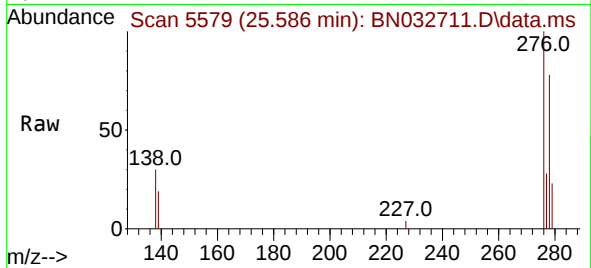




#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.586 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:278 Resp: 27765
Ion Ratio Lower Upper
278 100
139 25.0 16.6 24.8#
279 29.0 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032711.D
Acq: 13 Jul 2024 15:44

Tgt Ion:276 Resp: 28135
Ion Ratio Lower Upper
276 100
138 27.8 21.0 31.4
277 27.0 20.6 31.0

