

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032488.D
 Acq On : 04 Jul 2024 23:34
 Operator : MA/JU
 Sample : PB161807BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS807

Quant Time: Jul 05 01:10:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

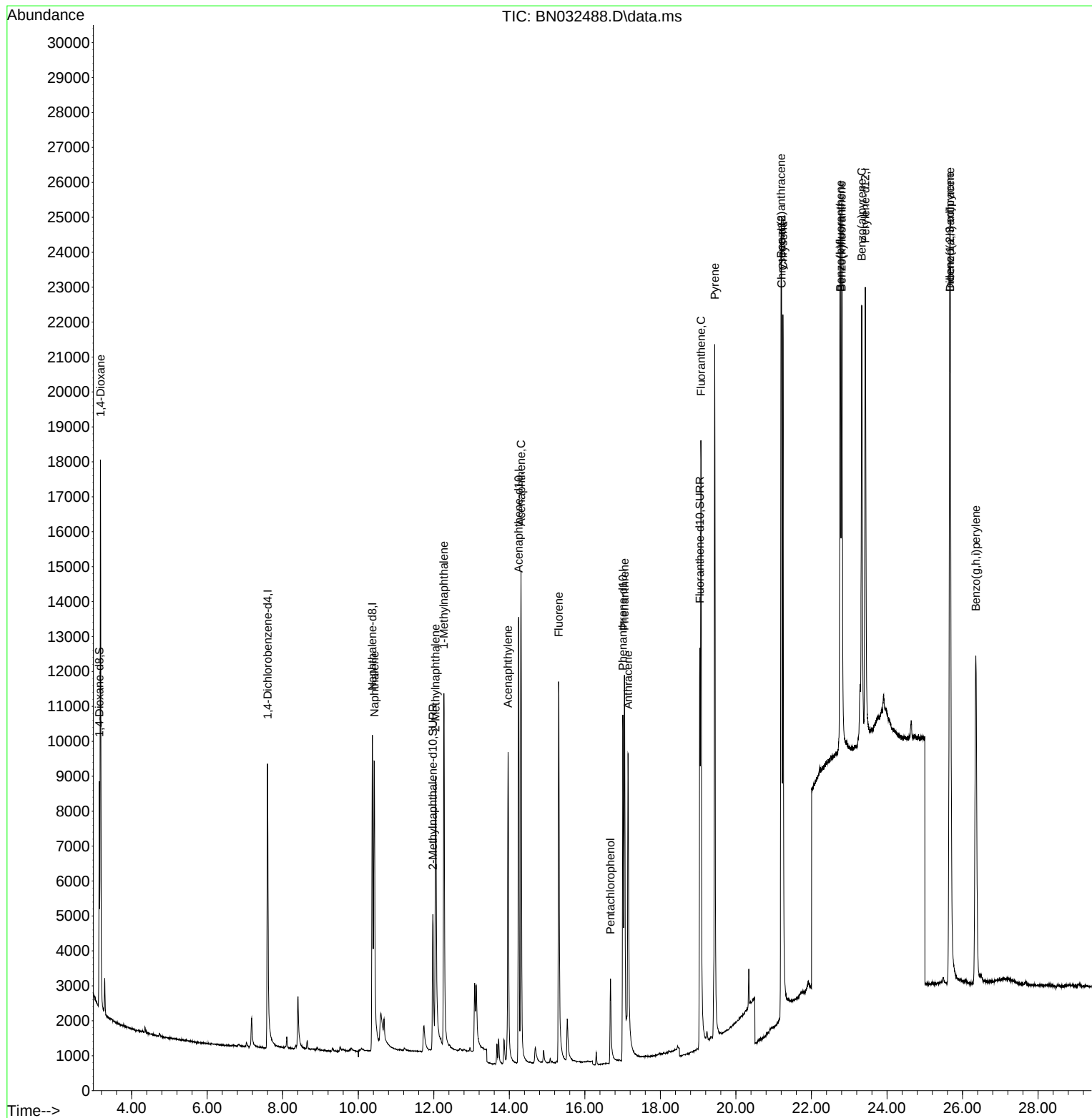
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5439	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	15794	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	8470	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	15402	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	14953	0.400	ng/ul	# 0.00
23) Perylene-d12	23.427	264	18331	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4387	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7814	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	15048	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	11730	1.704	ng/ul	91
5) Naphthalene	10.426	128	14122	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	8541	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	8699	0.303	ng/ul	99
10) Acenaphthylene	13.966	152	12666	0.360	ng/ul	99
11) Acenaphthene	14.309	153	9400	0.344	ng/ul	99
12) Fluorene	15.308	166	9675	0.297	ng/ul	99
14) Pentachlorophenol	16.678	266	2684	0.770	ng/ul	100
15) Phenanthrene	17.050	178	14220	0.337	ng/ul	99
16) Anthracene	17.147	178	13176	0.350	ng/ul	97
19) Fluoranthene	19.073	202	17697	0.311	ng/ul#	95
20) Pyrene	19.440	202	19205	0.323	ng/ul	99
21) Benzo(a)anthracene	21.194	228	19113	0.354	ng/ul	96
22) Chrysene	21.246	228	20359	0.344	ng/ul	97
24) Benzo(b)fluoranthene	22.760	252	21253	0.267	ng/ul	85
25) Benzo(k)fluoranthene	22.804	252	22036	0.285	ng/ul#	86
26) Benzo(a)pyrene	23.333	252	20392	0.368	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.666	276	27341	0.315	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.673	278	21216	0.329	ng/ul#	89
29) Benzo(g,h,i)perylene	26.354	276	21447	0.310	ng/ul	92

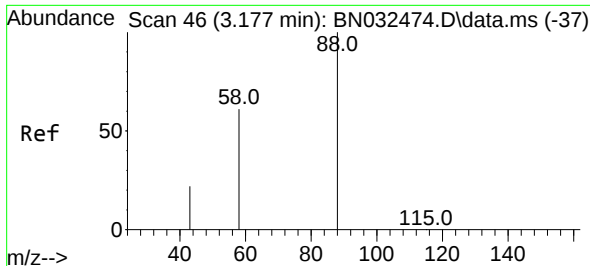
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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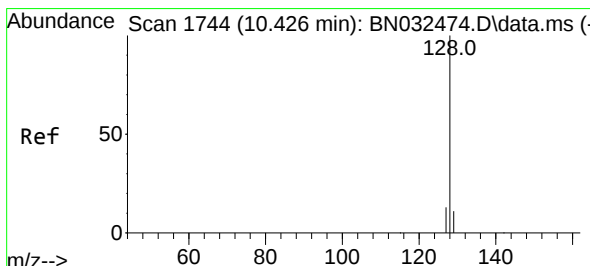
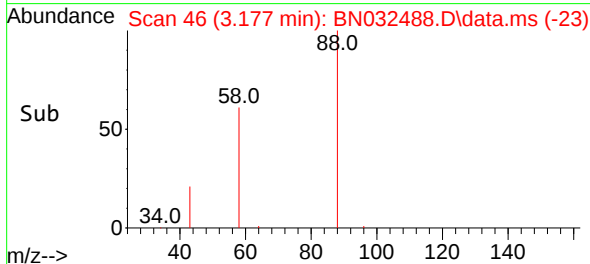
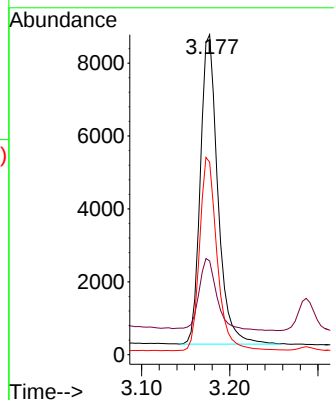
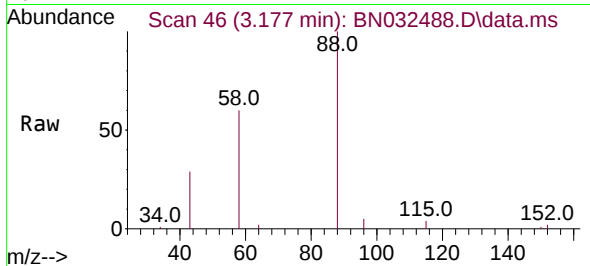


#2
 1,4-Dioxane
 Concen: 1.704 ng/ul
 RT: 3.177 min Scan# 46
 Delta R.T. -0.004 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

Instrument :
 BNA_N
 ClientSampleId :
 SLCS807

Tgt Ion: 88 Resp: 11730

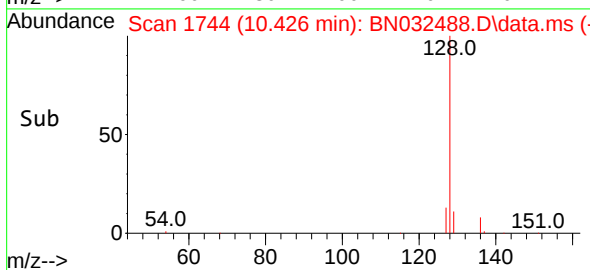
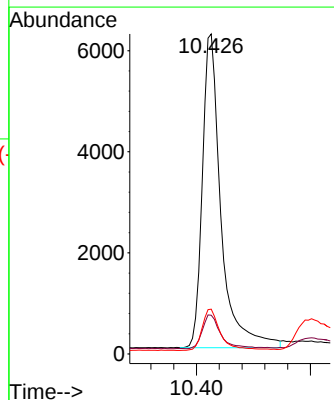
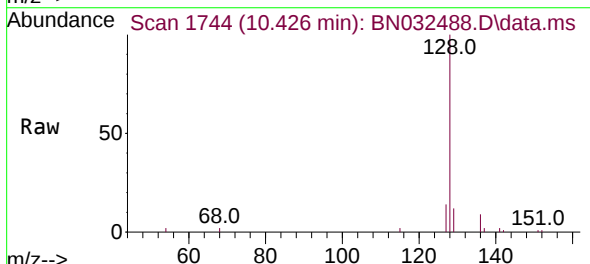
Ion	Ratio	Lower	Upper
88	100		
43	29.3	28.4	42.6
58	60.2	43.3	64.9

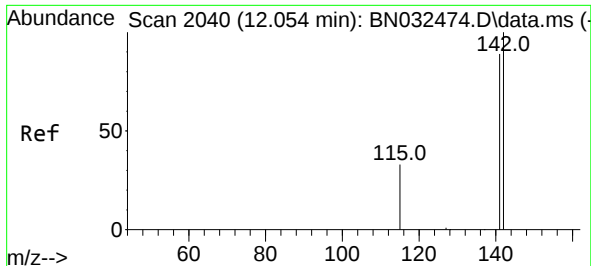


#5
 Naphthalene
 Concen: 0.338 ng/ul
 RT: 10.426 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

Tgt Ion: 128 Resp: 14122

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	14.0	10.8	16.2

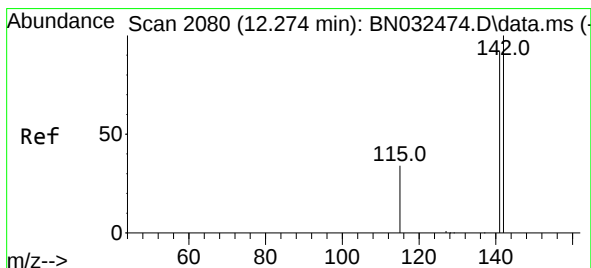
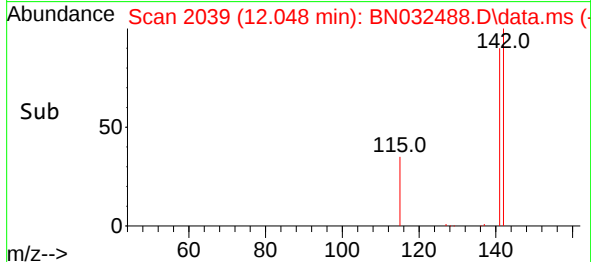
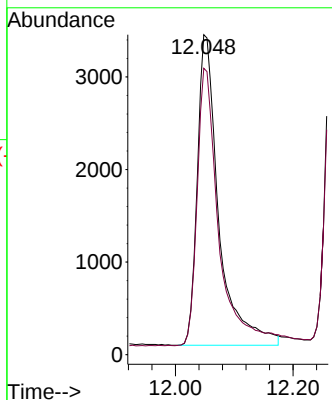
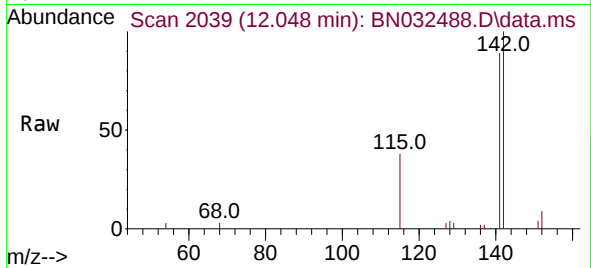




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

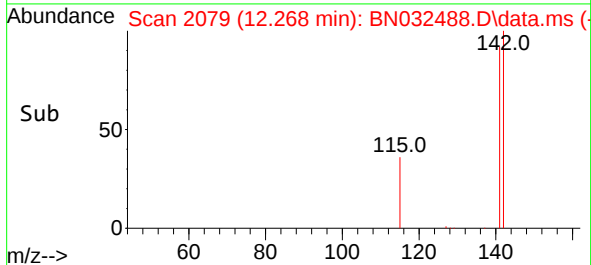
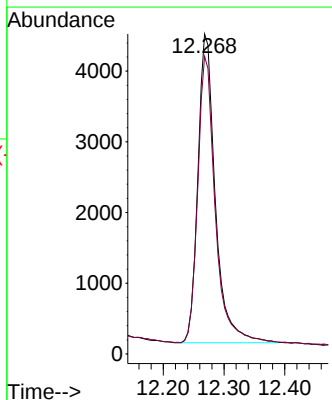
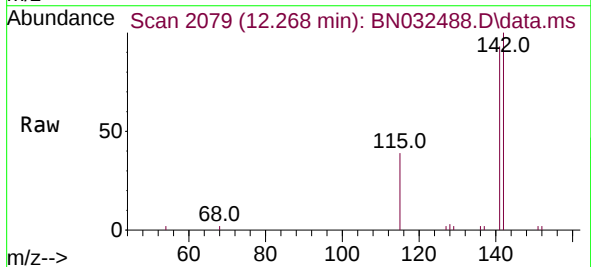
Instrument :
BNA_N
ClientSampleId :
SLCS807

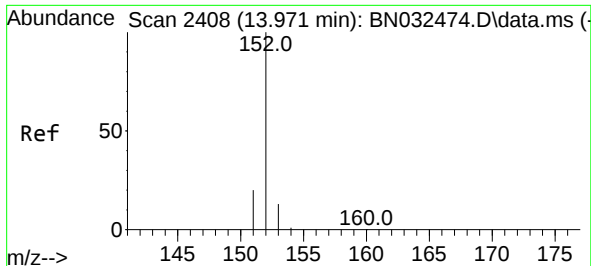
Tgt Ion:142 Resp: 8541
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.268 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

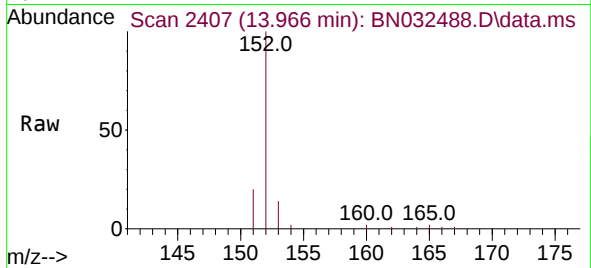
Tgt Ion:142 Resp: 8699
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0



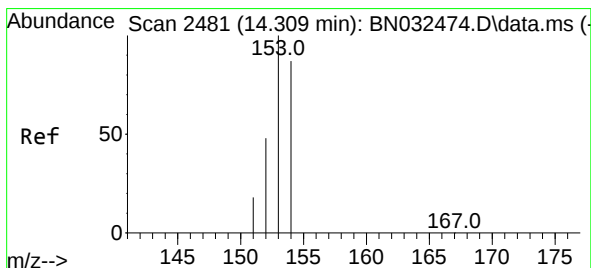
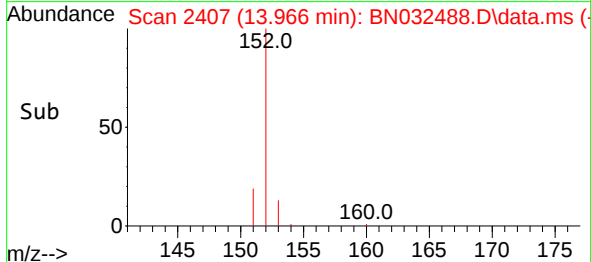
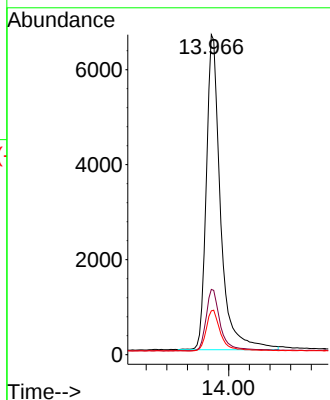


#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Instrument :
BNA_N
ClientSampleId :
SLCS807

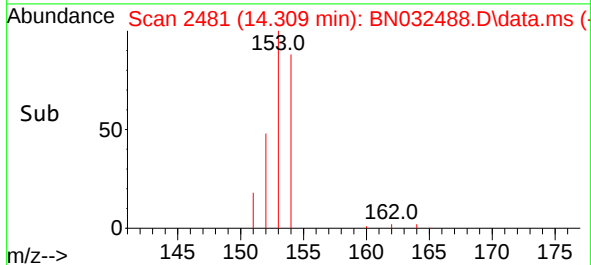
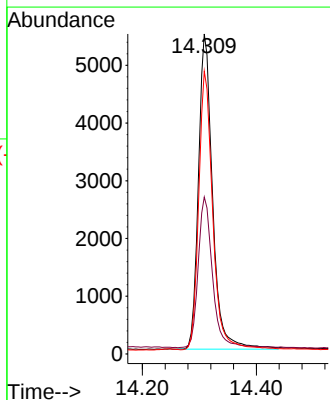
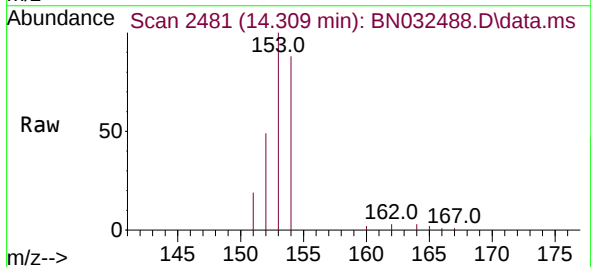


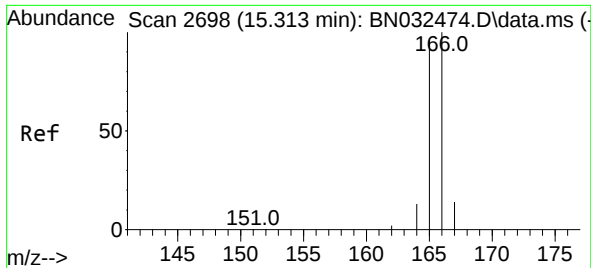
Tgt Ion:152 Resp: 12666
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Tgt Ion:153 Resp: 9400
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.3 71.7 107.5

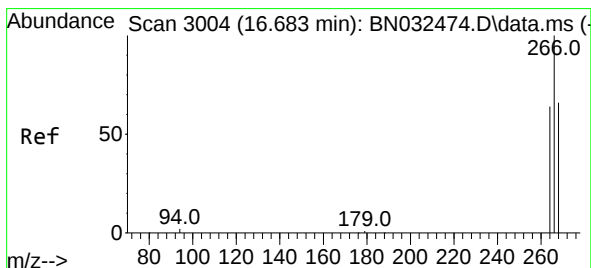
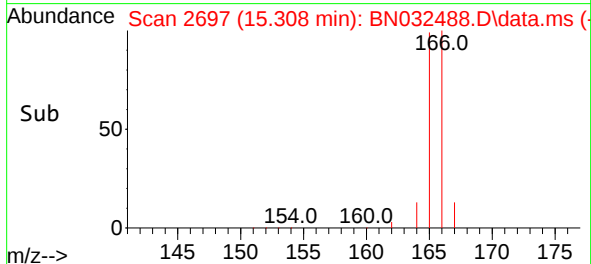
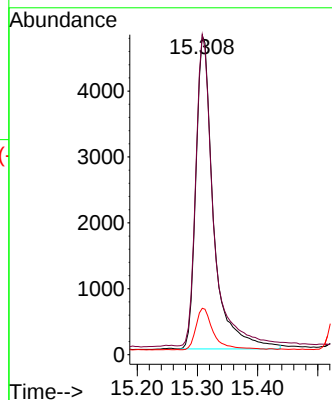
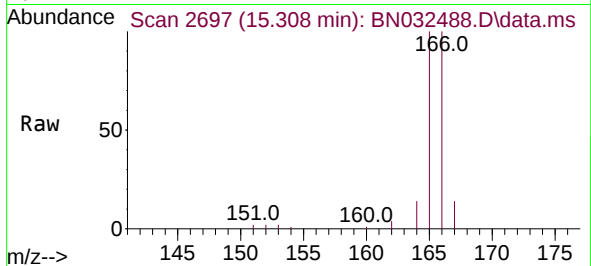




#12
 Fluorene
 Concen: 0.297 ng/ul
 RT: 15.308 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

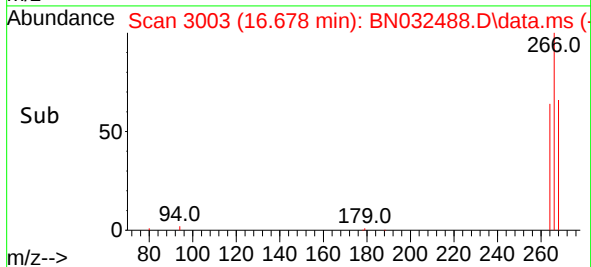
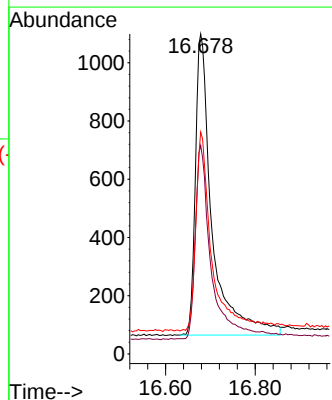
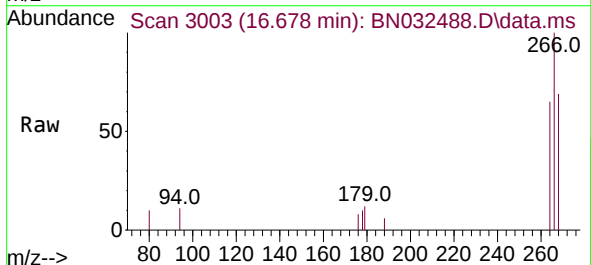
Instrument :
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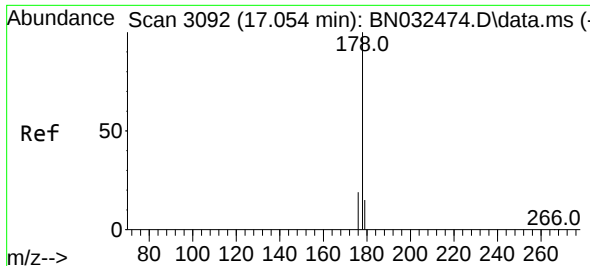
Tgt Ion:166 Resp: 9675
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.0 118.6
 167 14.5 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.770 ng/ul
 RT: 16.678 min Scan# 3003
 Delta R.T. 0.004 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

Tgt Ion:266 Resp: 2684
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.9 74.9
 268 65.1 52.4 78.6

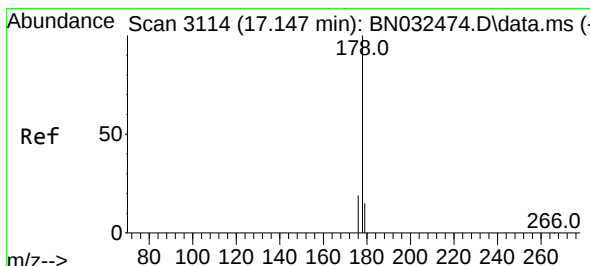
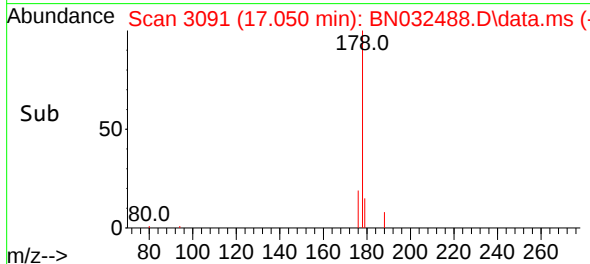
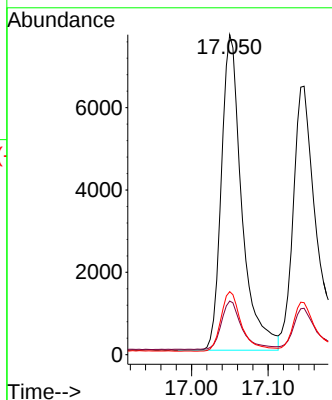
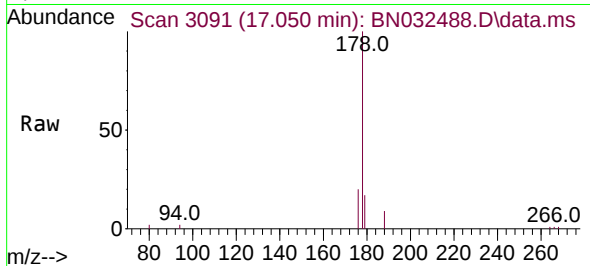




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.050 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

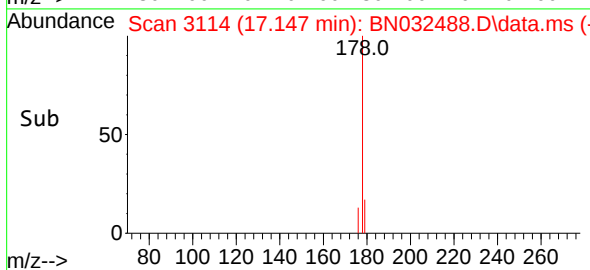
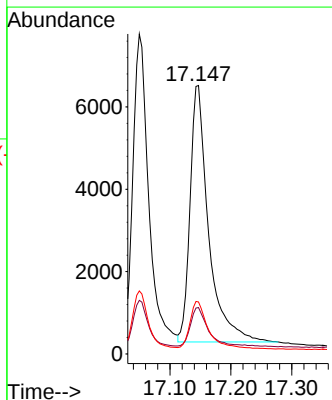
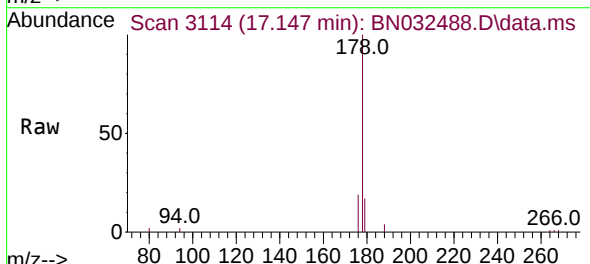
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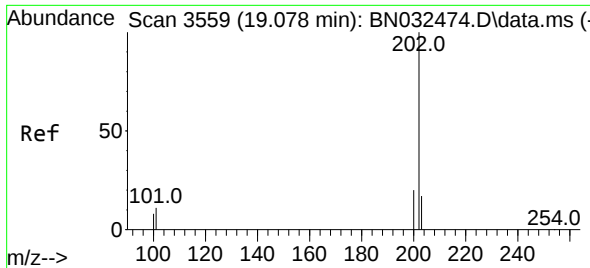
Tgt Ion:178 Resp: 14220
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Tgt Ion:178 Resp: 13176
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 19.4 15.0 22.6

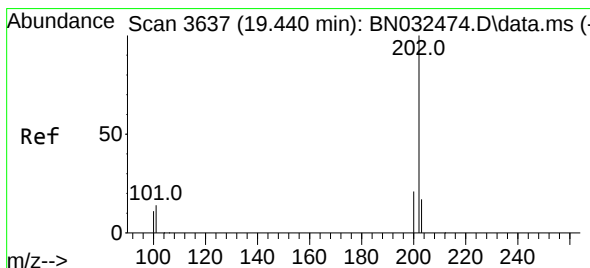
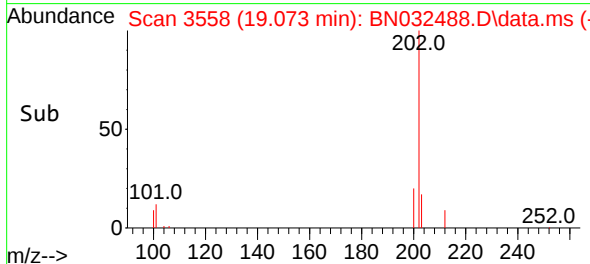
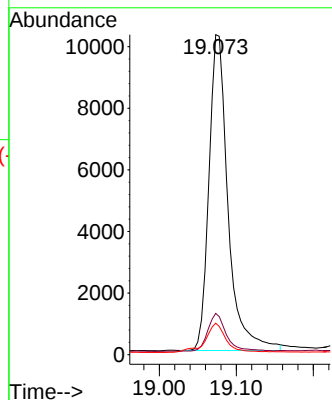
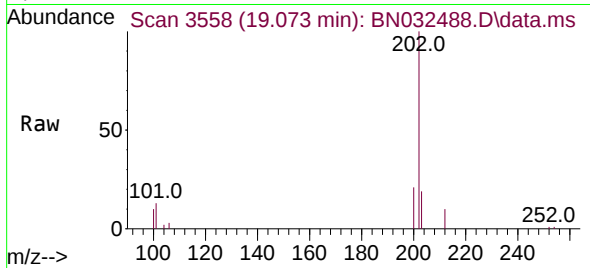




#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

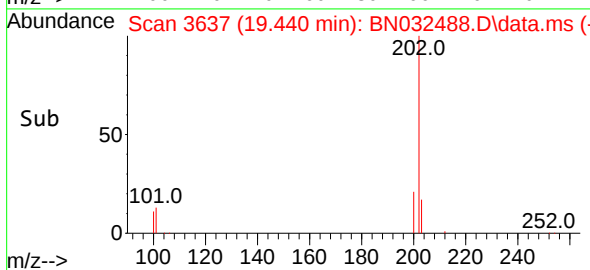
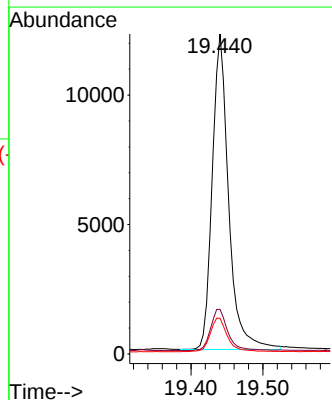
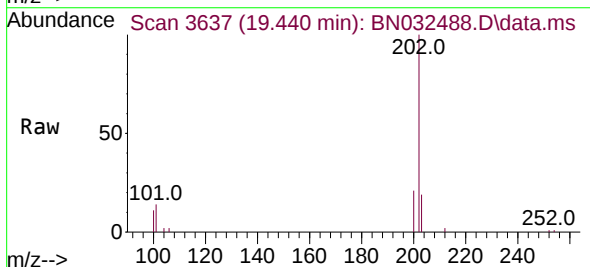
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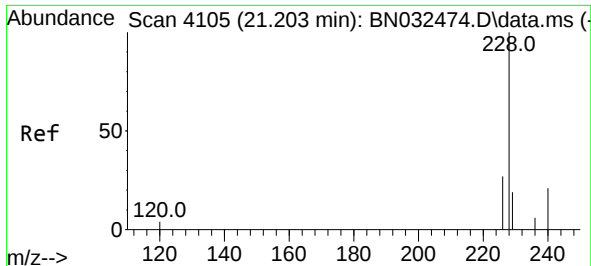
Tgt Ion:202 Resp: 17697
Ion Ratio Lower Upper
202 100
101 12.9 8.8 13.2
100 9.9 6.4 9.6#



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Tgt Ion:202 Resp: 19205
Ion Ratio Lower Upper
202 100
101 14.0 11.0 16.4
100 11.1 8.7 13.1

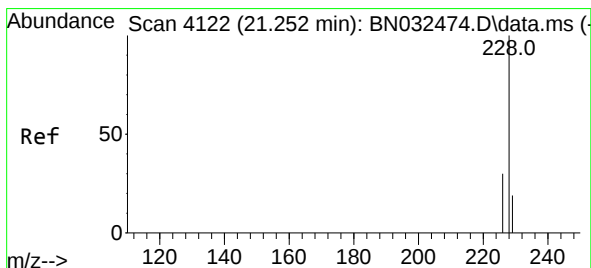
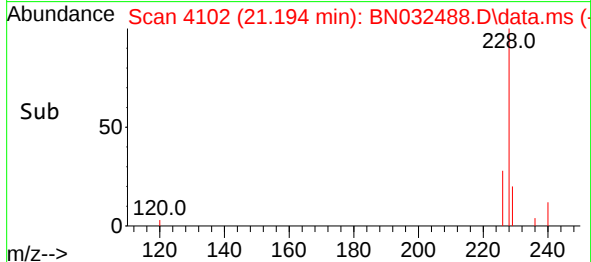
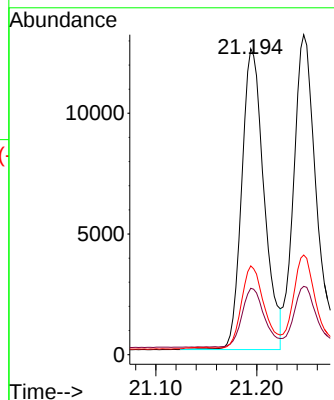
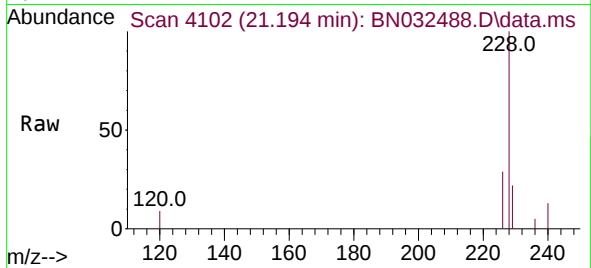




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

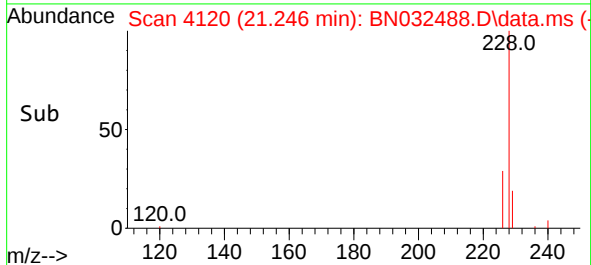
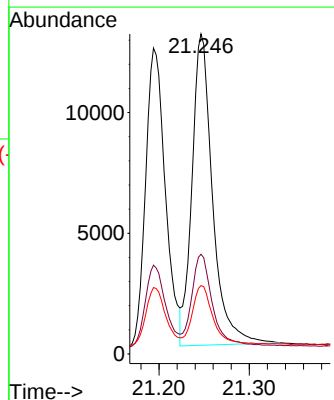
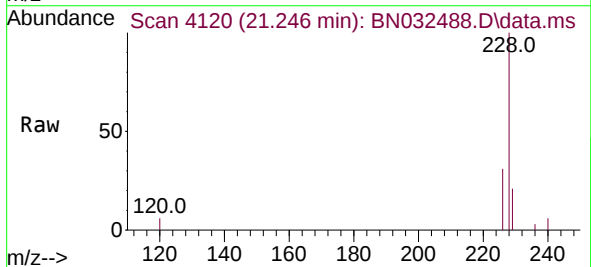
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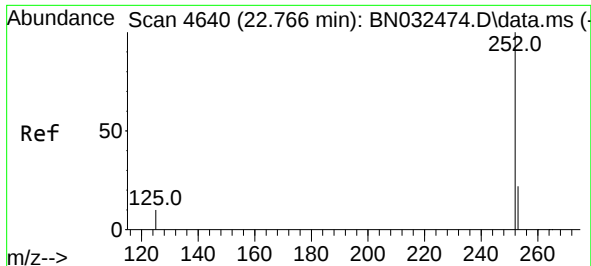
Tgt Ion:228 Resp: 19113
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.0 21.8 32.8



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Tgt Ion:228 Resp: 20359
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.4 15.7 23.5

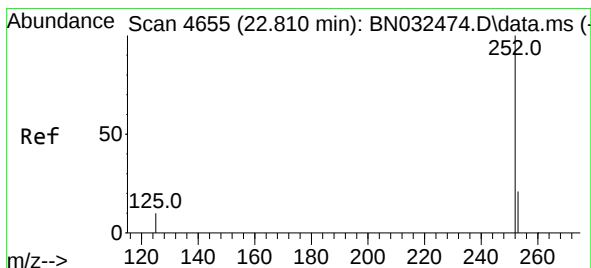
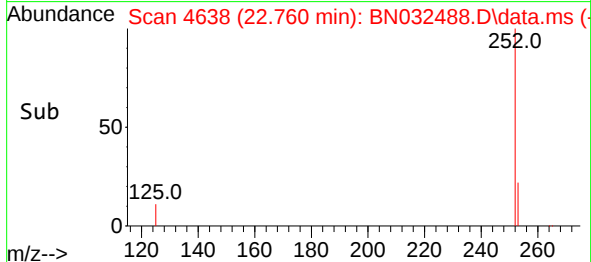
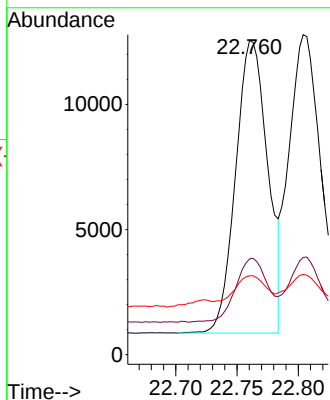
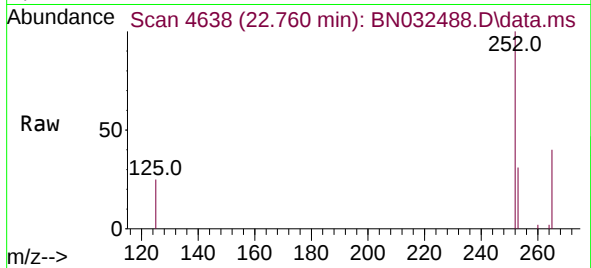




#24
Benzo(b)fluoranthene
Concen: 0.267 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

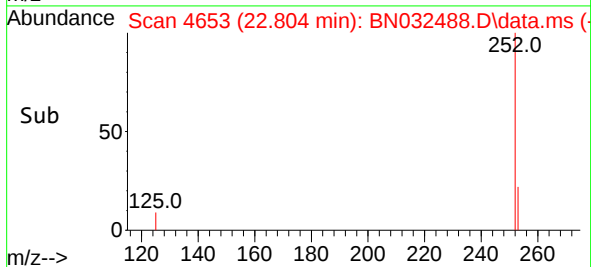
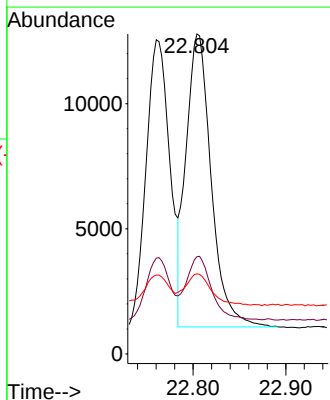
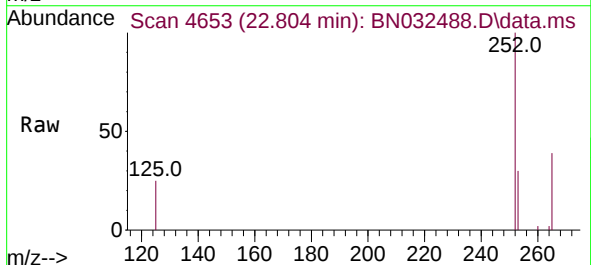
Instrument :
BNA_N
ClientSampleId :
SLCS807

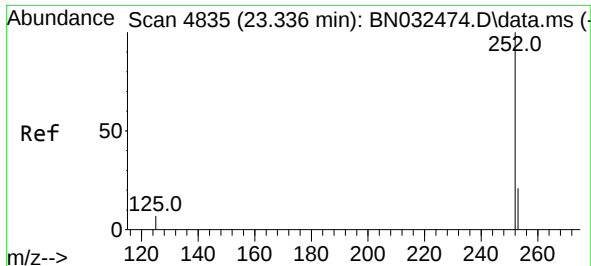
Tgt Ion:252 Resp: 21253
Ion Ratio Lower Upper
252 100
253 30.5 0.0 50.2
125 25.1 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.285 ng/ul
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

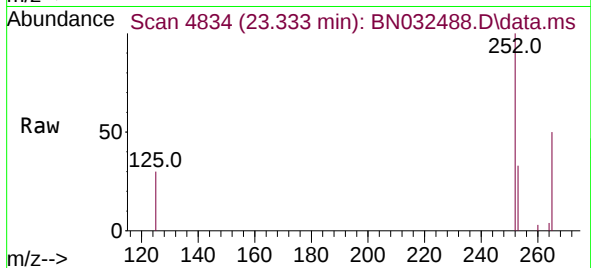
Tgt Ion:252 Resp: 22036
Ion Ratio Lower Upper
252 100
253 30.4 20.3 30.5
125 25.0 12.8 19.2#



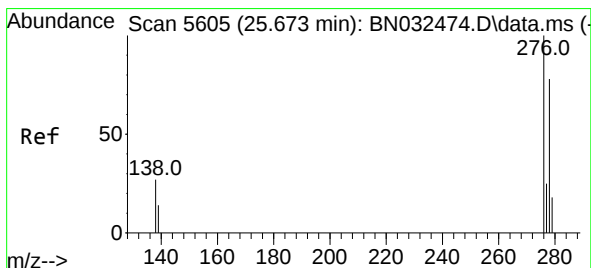
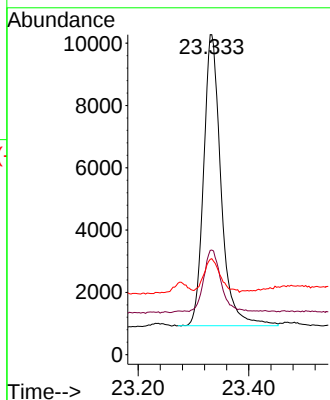
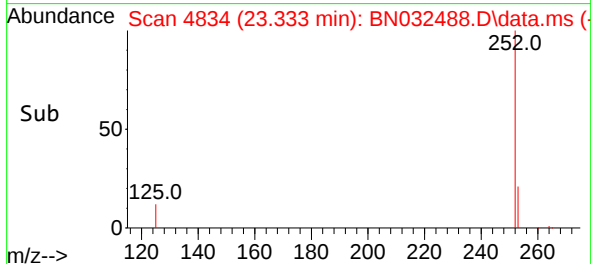


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Instrument :
BNA_N
ClientSampleId :
SLCS807

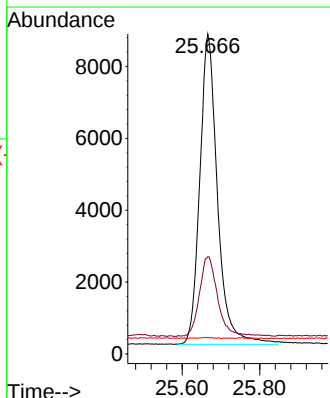
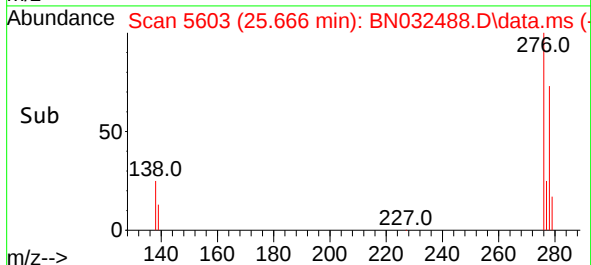
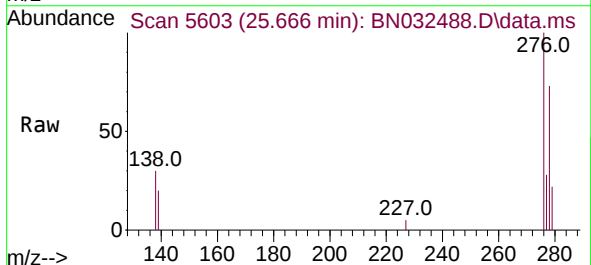


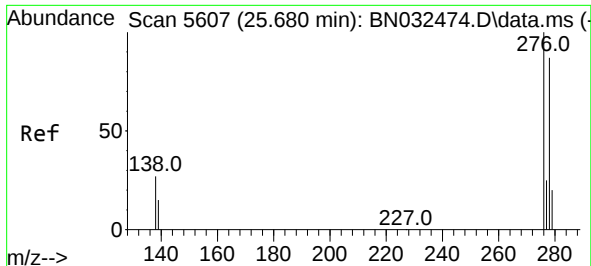
Tgt Ion:252 Resp: 20392
Ion Ratio Lower Upper
252 100
253 32.7 22.2 33.2
125 30.0 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032488.D
Acq: 04 Jul 2024 23:34

Tgt Ion:276 Resp: 27341
Ion Ratio Lower Upper
276 100
138 26.2 21.3 31.9
227 0.1 0.1 0.1#

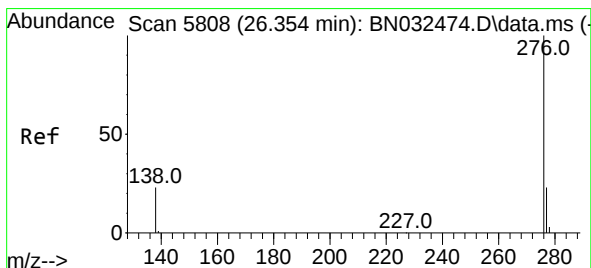
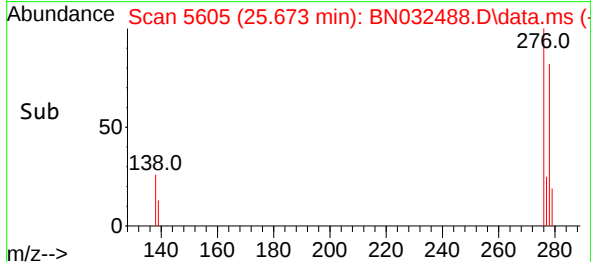
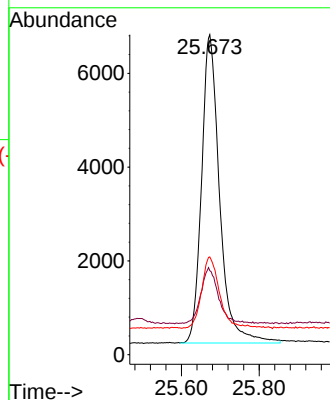
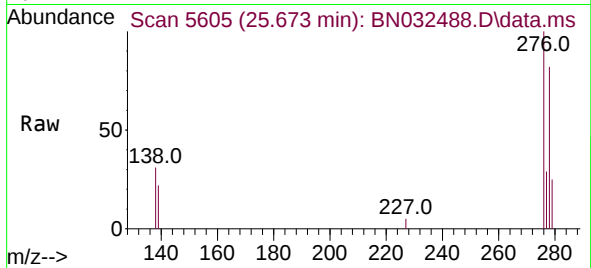




#28
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 25.673 min Scan# 5605
 Delta R.T. 0.007 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

Instrument :
 BNA_N
 ClientSampleId :
 SLCS807

Tgt Ion:278 Resp: 21216
 Ion Ratio Lower Upper
 278 100
 139 26.2 15.9 23.9#
 279 30.6 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.310 ng/ul
 RT: 26.354 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BN032488.D
 Acq: 04 Jul 2024 23:34

Tgt Ion:276 Resp: 21447
 Ion Ratio Lower Upper
 276 100
 138 29.5 19.8 29.6
 277 27.9 19.8 29.6

