

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032341.D
 Acq On : 29 Jun 2024 08:41
 Operator : MA/JU
 Sample : PB161584BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS584

Quant Time: Jun 30 23:03:48 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

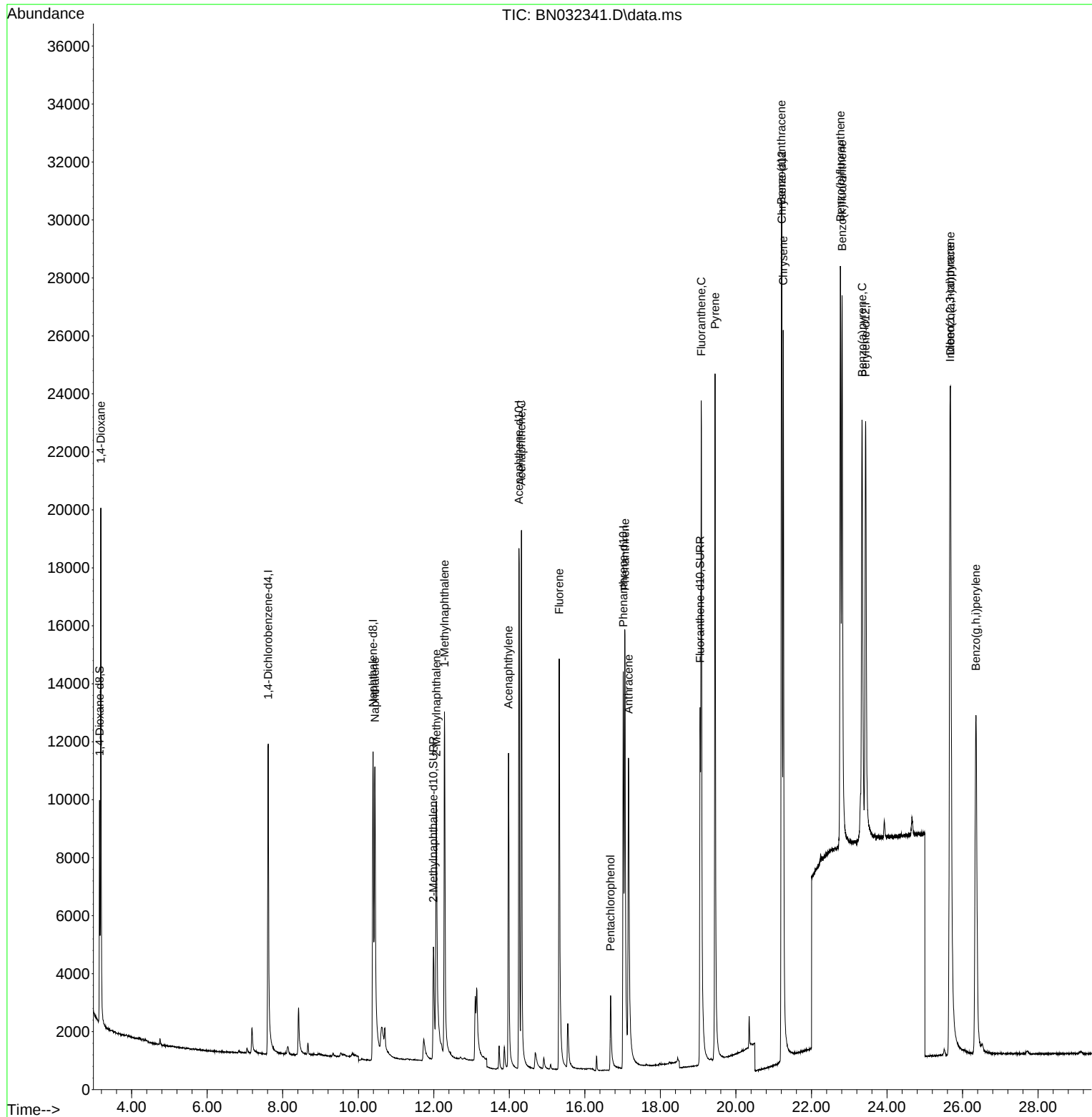
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.391	136	20522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.256	164	11415	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.019	188	23100	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	19896	0.400	ng/ul	-0.01
23) Perylene-d12	23.434	264	22983	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5072	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	8799	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	18297	0.306	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.185	88	12804	1.428	ng/ul#	89
5) Naphthalene	10.441	128	17342	0.319	ng/ul	99
7) 2-Methylnaphthalene	12.069	142	10496	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.283	142	10268	0.275	ng/ul	99
10) Acenaphthylene	13.979	152	15698	0.331	ng/ul	99
11) Acenaphthene	14.321	153	12109	0.329	ng/ul	99
12) Fluorene	15.320	166	13053	0.297	ng/ul	100
14) Pentachlorophenol	16.681	266	2985	0.571	ng/ul	98
15) Phenanthrene	17.061	178	20080	0.317	ng/ul	99
16) Anthracene	17.154	178	18171	0.322	ng/ul	98
19) Fluoranthene	19.081	202	23955	0.316	ng/ul	96
20) Pyrene	19.448	202	25072	0.317	ng/ul	99
21) Benzo(a)anthracene	21.204	228	23345	0.325	ng/ul	99
22) Chrysene	21.254	228	26890	0.341	ng/ul	99
24) Benzo(b)fluoranthene	22.765	252	26445	0.265	ng/ul	97
25) Benzo(k)fluoranthene	22.811	252	29063	0.300	ng/ul	96
26) Benzo(a)pyrene	23.341	252	26556	0.382	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.668	276	34599	0.318	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.682	278	27169	0.336	ng/ul	99
29) Benzo(g,h,i)perylene	26.356	276	29178	0.337	ng/ul	98

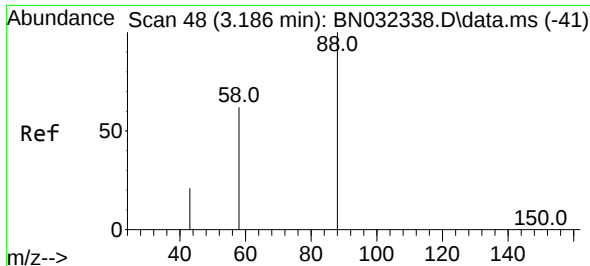
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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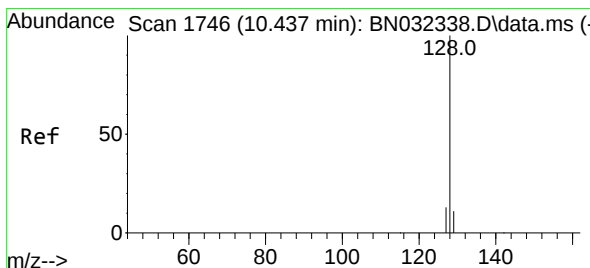
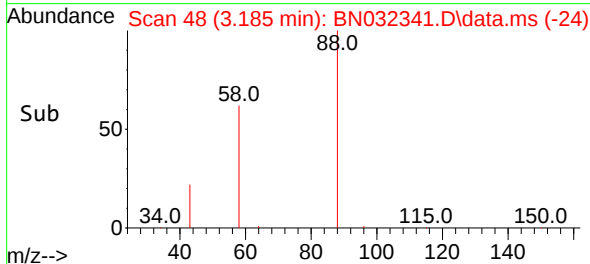
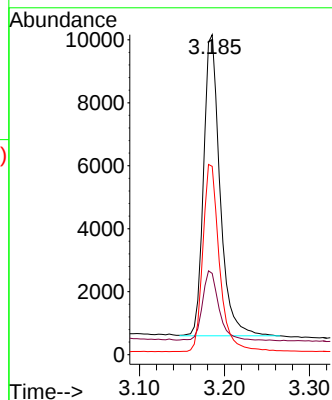
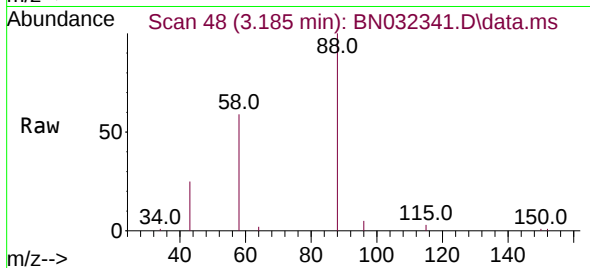




#2
1,4-Dioxane
Concen: 1.428 ng/ul
RT: 3.185 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

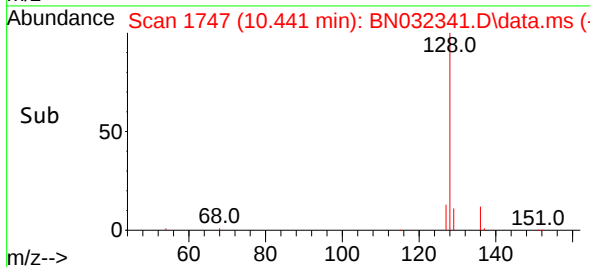
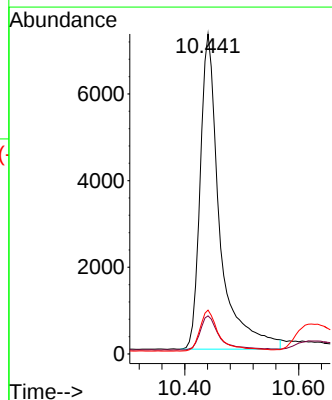
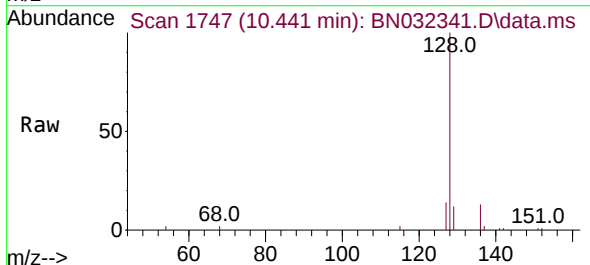
Instrument :
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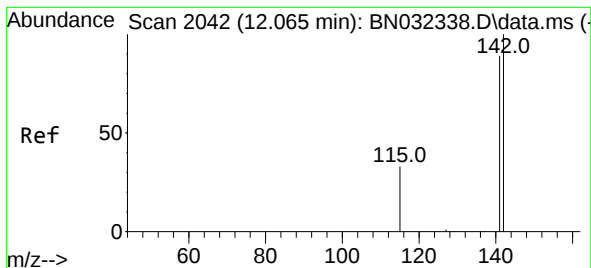
Tgt Ion: 88 Resp: 12804
Ion Ratio Lower Upper
88 100
43 25.4 28.4 42.6#
58 58.8 43.3 64.9



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.441 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:128 Resp: 17342
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.7 10.8 16.2

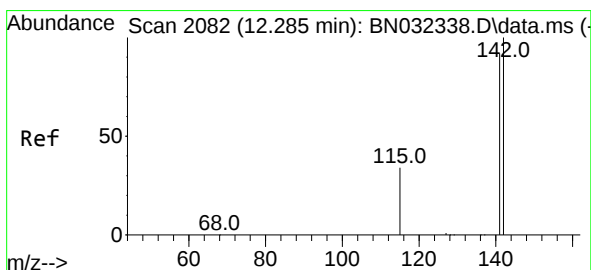
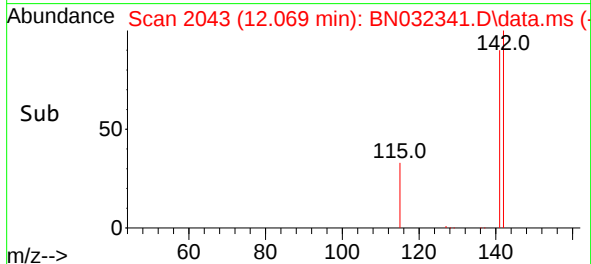
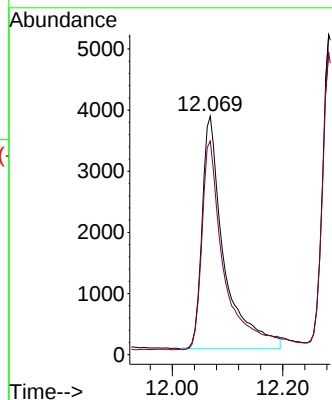
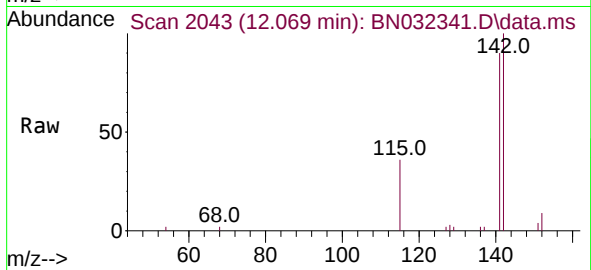




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

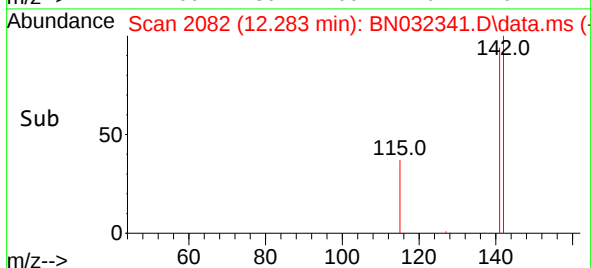
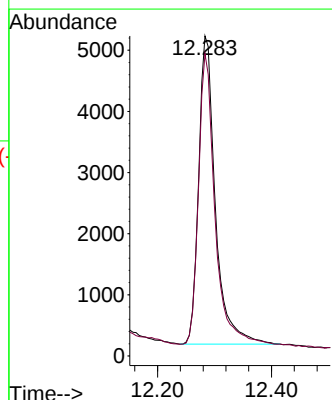
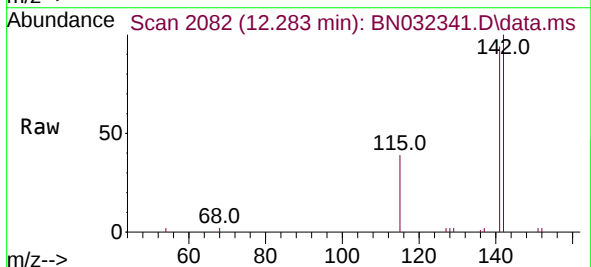
Instrument :
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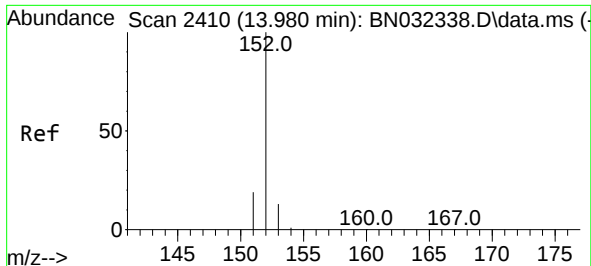
Tgt Ion:142 Resp: 10496
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:142 Resp: 10268
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

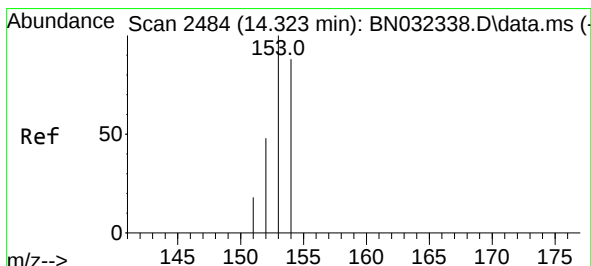
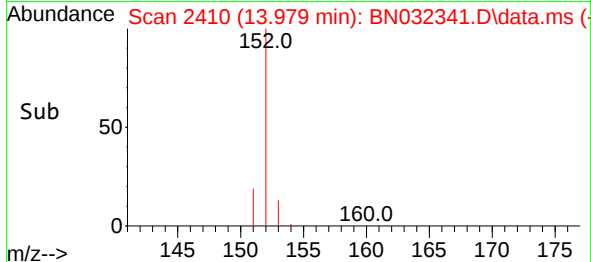
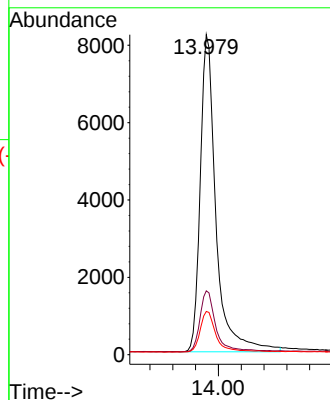
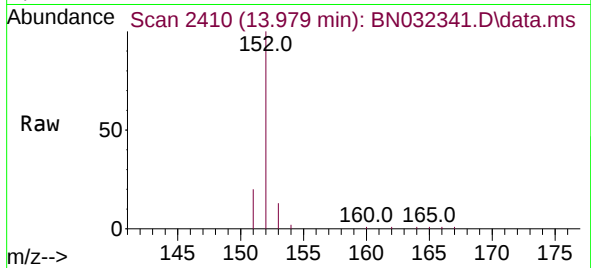




#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

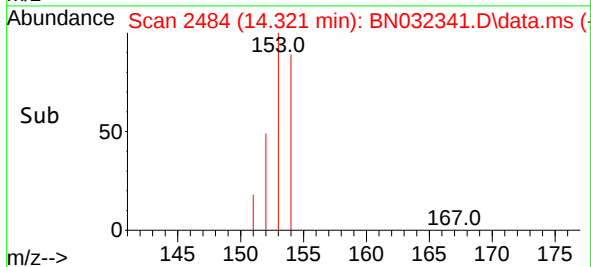
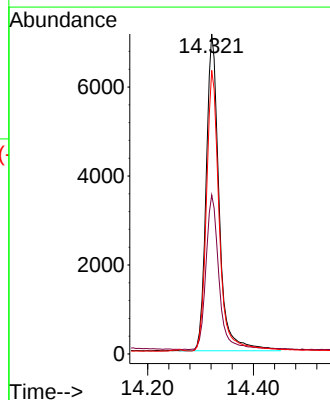
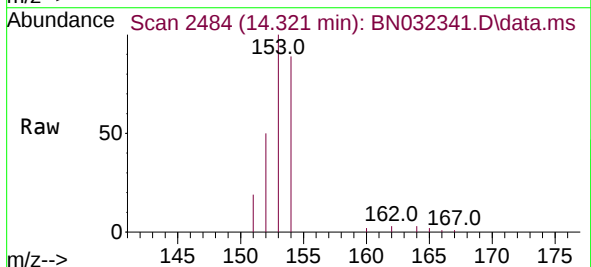
Instrument :
BNA_N
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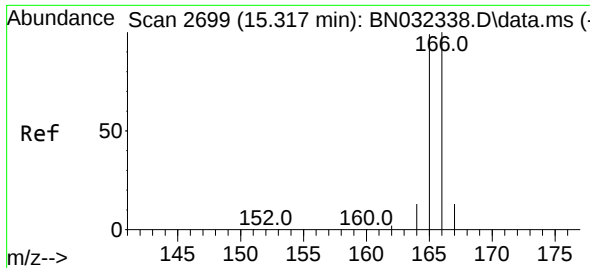
Tgt Ion:152 Resp: 15698
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:153 Resp: 12109
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 88.6 71.7 107.5

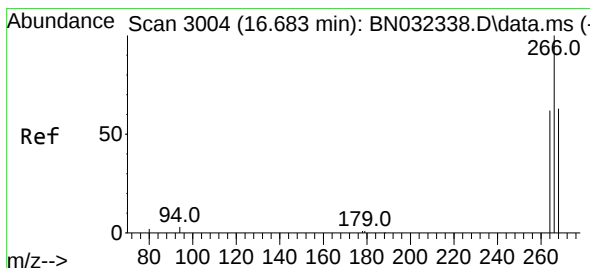
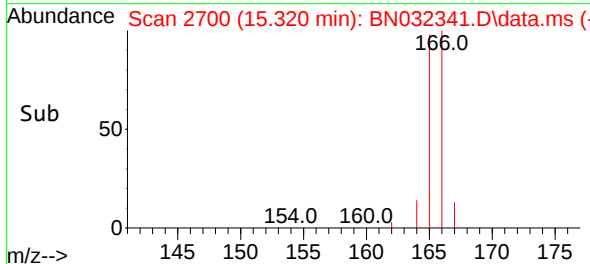
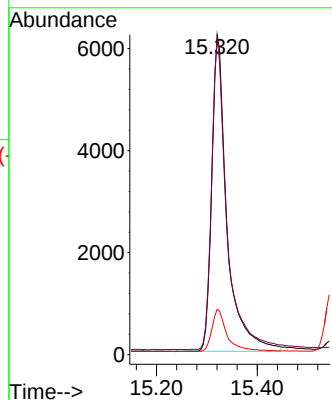
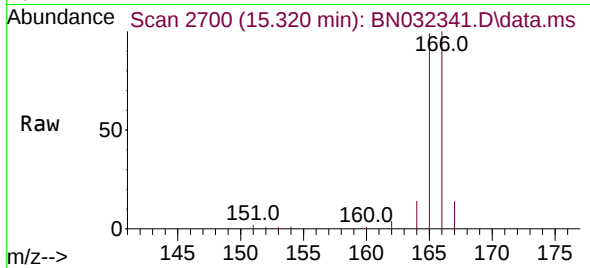




#12
 Fluorene
 Concen: 0.297 ng/ul
 RT: 15.320 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

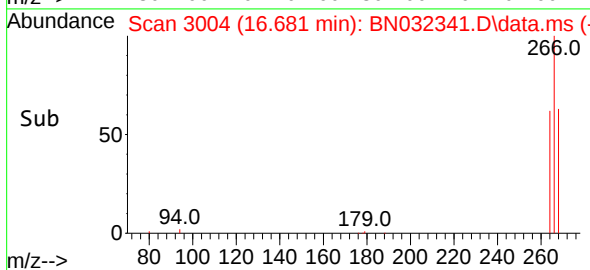
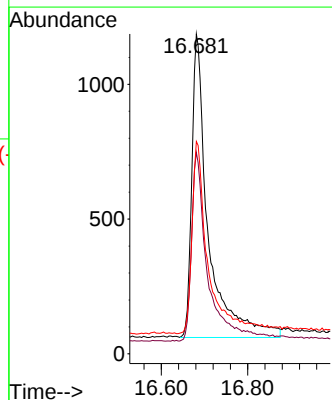
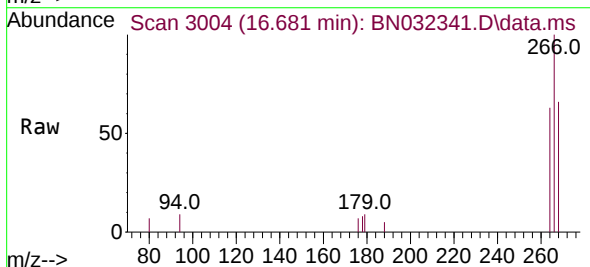
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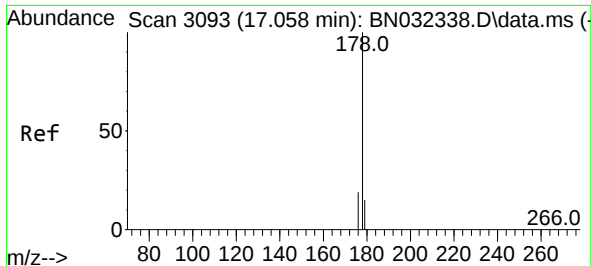
Tgt Ion:166 Resp: 13053
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.0 118.6
 167 14.2 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.571 ng/ul
 RT: 16.681 min Scan# 3004
 Delta R.T. -0.018 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

Tgt Ion:266 Resp: 2985
 Ion Ratio Lower Upper
 266 100
 264 61.5 49.9 74.9
 268 63.8 52.4 78.6

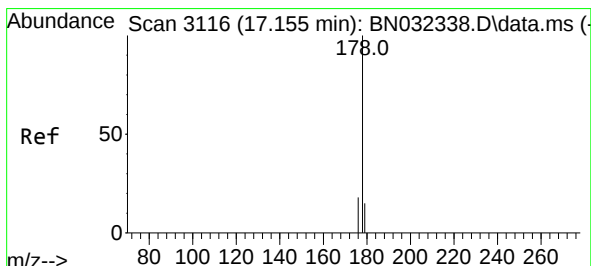
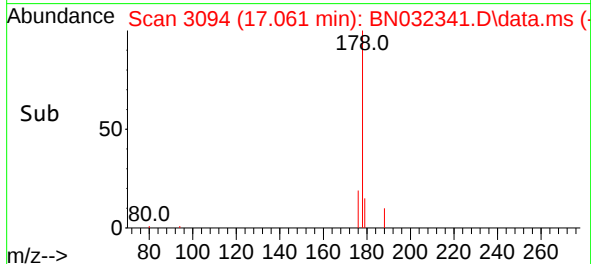
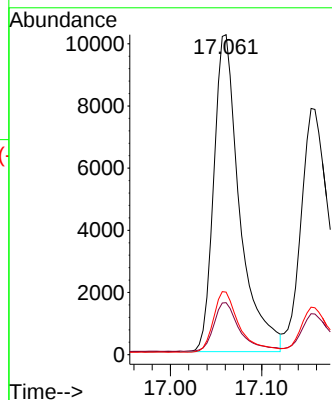
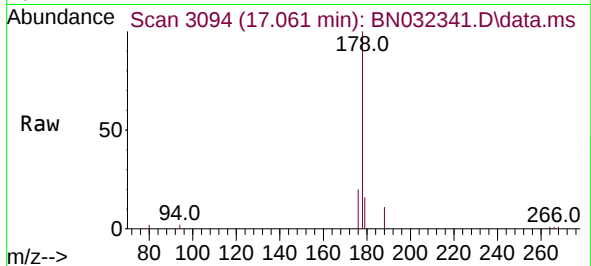




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.061 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

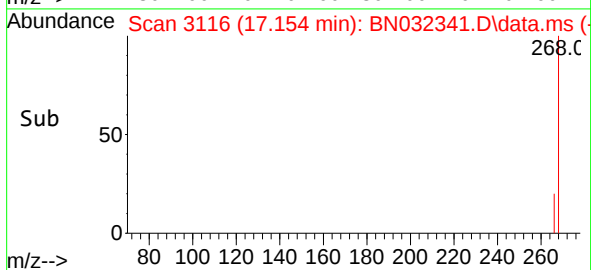
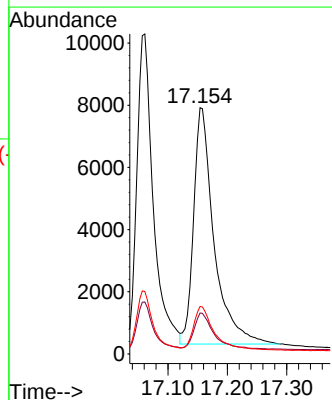
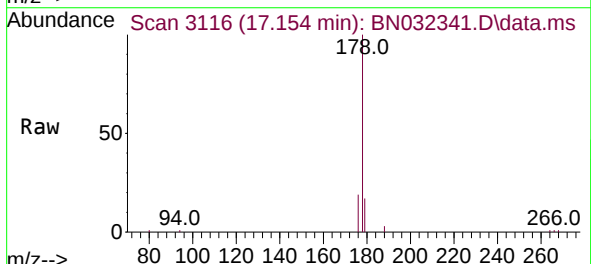
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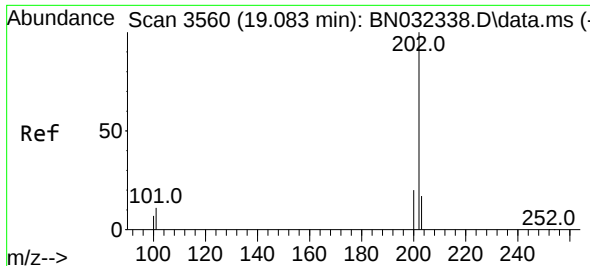
Tgt Ion:178 Resp: 20080
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.154 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:178 Resp: 18171
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 19.3 15.0 22.6

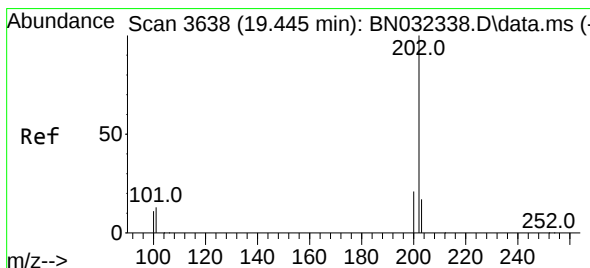
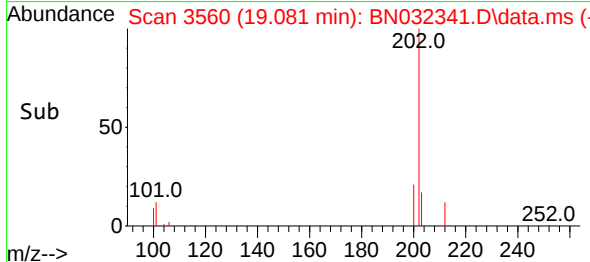
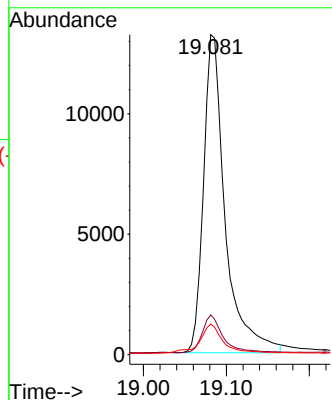
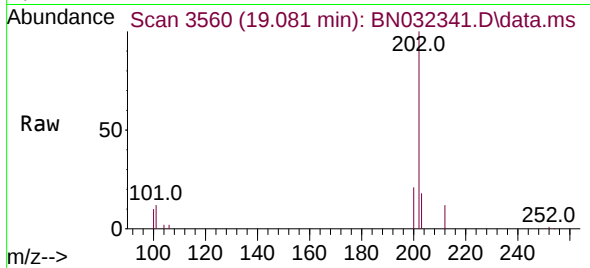




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.081 min Scan# 3560
Delta R.T. -0.011 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

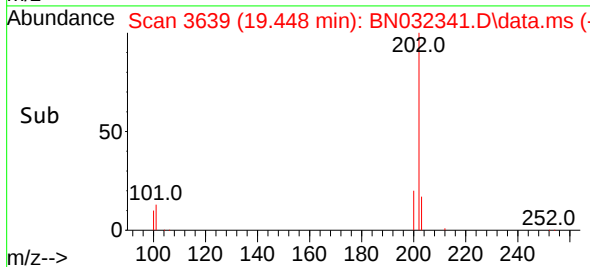
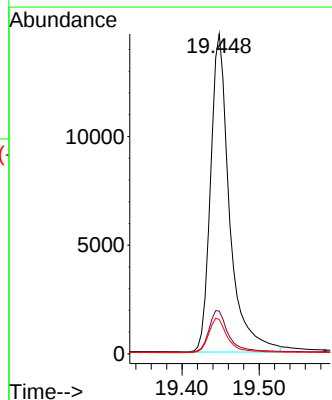
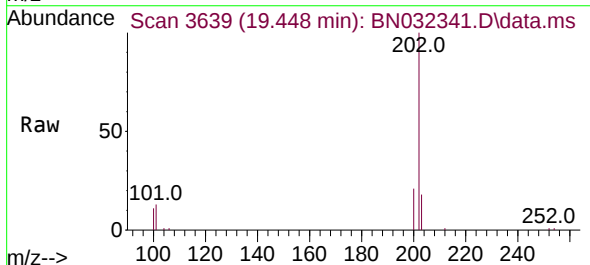
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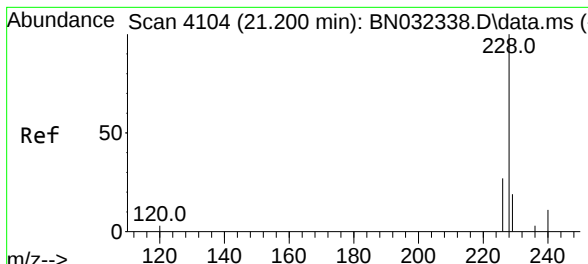
Tgt Ion:202 Resp: 23955
Ion Ratio Lower Upper
202 100
101 12.5 8.8 13.2
100 9.6 6.4 9.6



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.448 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:202 Resp: 25072
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.7 8.7 13.1



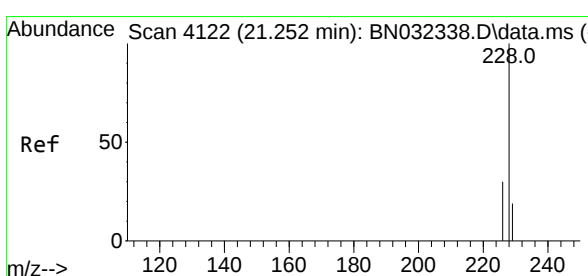
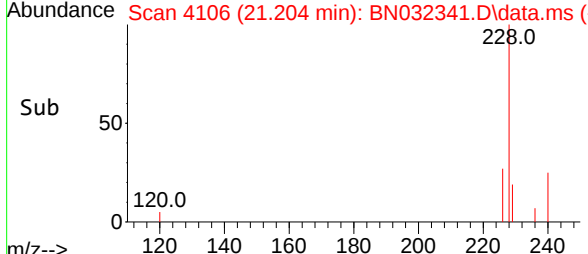
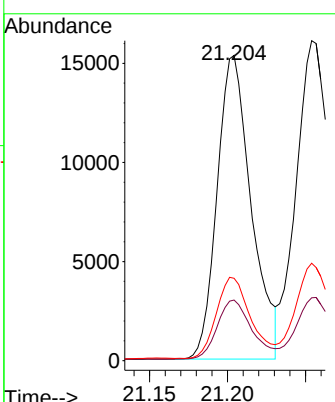
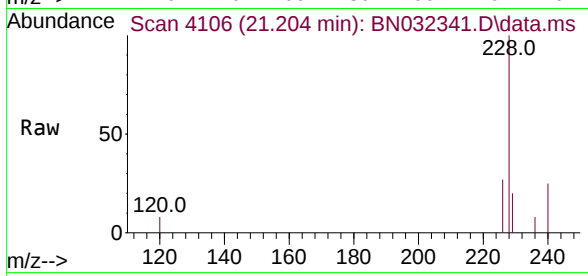


#21
 Benzo(a)anthracene
 Concen: 0.325 ng/ul
 RT: 21.204 min Scan# 4106
 Delta R.T. -0.010 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS584

Tgt Ion:228 Resp: 23345

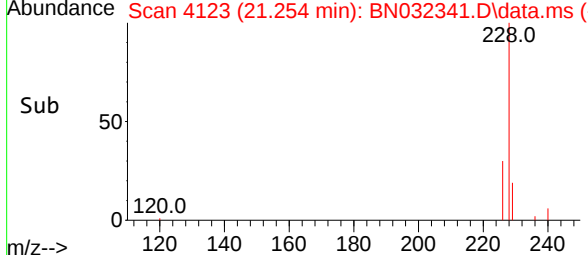
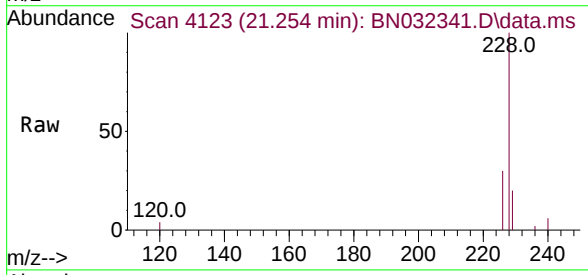
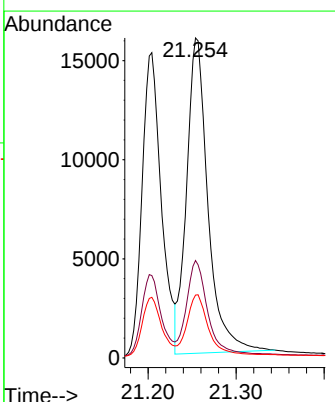
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.0	21.8	32.8

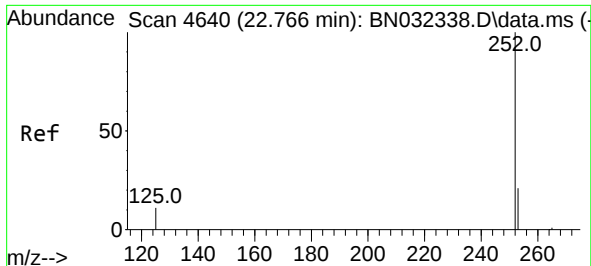


#22
 Chrysene
 Concen: 0.341 ng/ul
 RT: 21.254 min Scan# 4123
 Delta R.T. -0.013 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

Tgt Ion:228 Resp: 26890

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	19.7	15.7	23.5

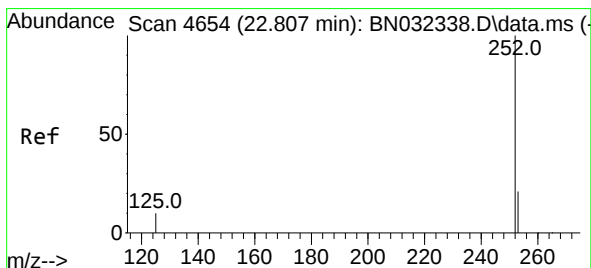
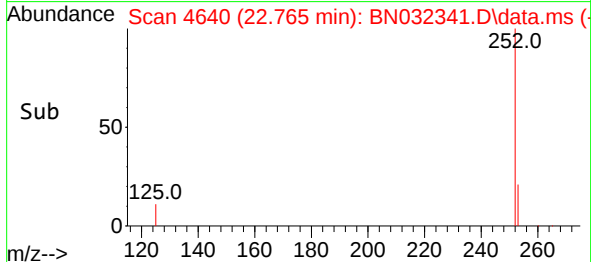
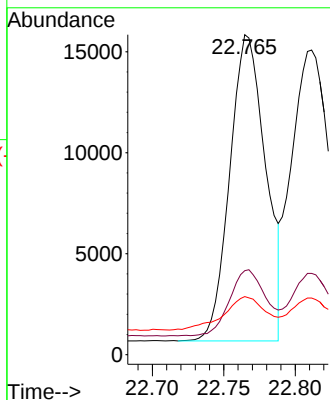
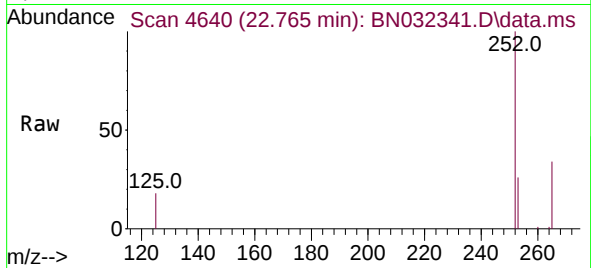




#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 22.765 min Scan# 4640
Delta R.T. -0.019 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

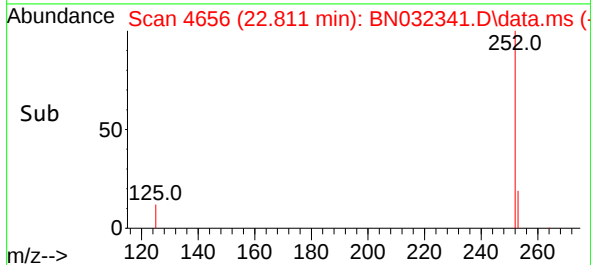
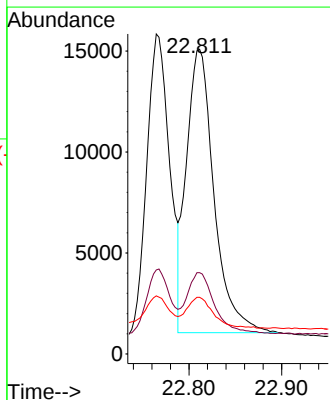
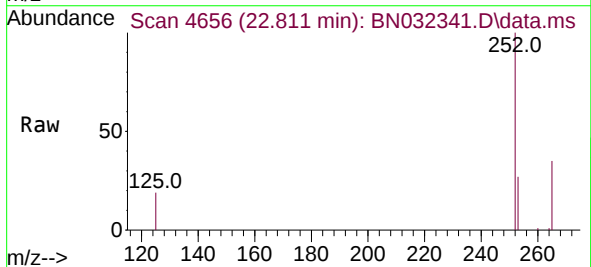
Instrument :
BNA_N
ClientSampleId :
SLCS584

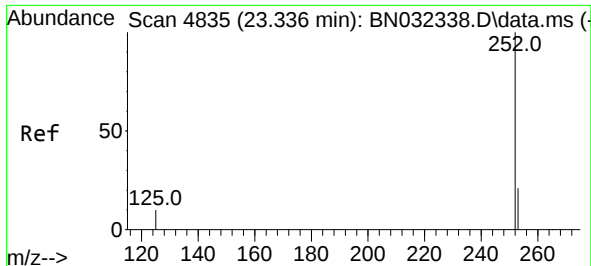
Tgt Ion:252 Resp: 26445
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.2
125 18.2 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 22.811 min Scan# 4656
Delta R.T. -0.016 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:252 Resp: 29063
Ion Ratio Lower Upper
252 100
253 26.7 20.3 30.5
125 18.6 12.8 19.2

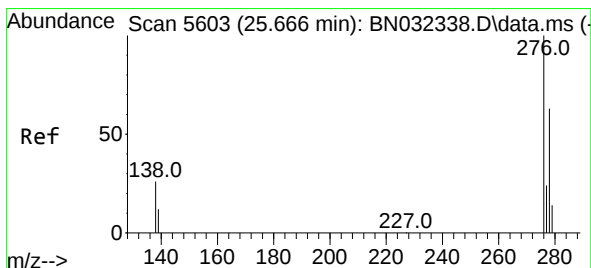
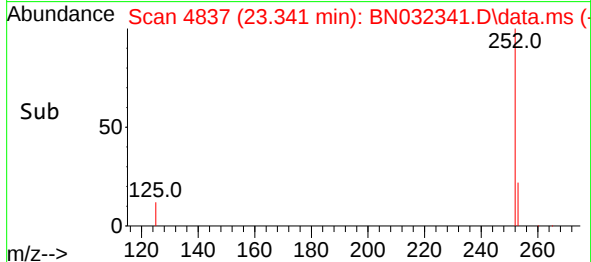
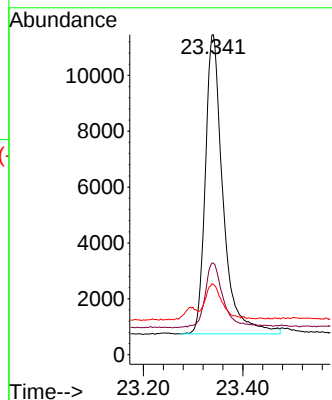
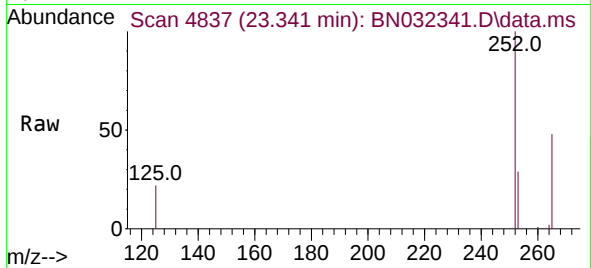




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.341 min Scan# 4837
Delta R.T. -0.019 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

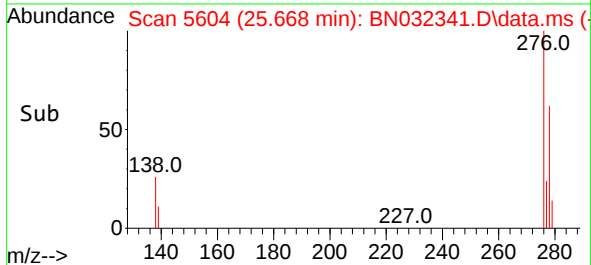
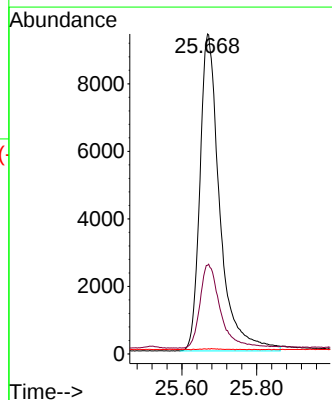
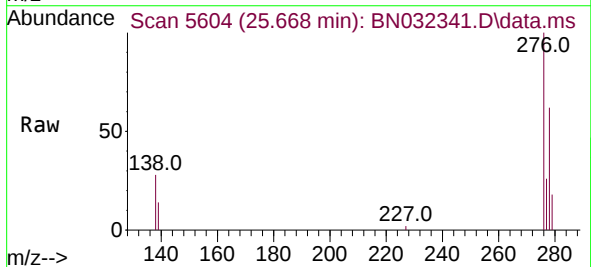
Instrument :
BNA_N
ClientSampleId :
SLCS584

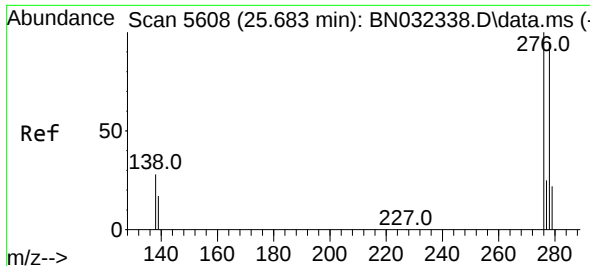
Tgt Ion:252 Resp: 26556
Ion Ratio Lower Upper
252 100
253 28.6 22.2 33.2
125 21.9 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.032 min
Lab File: BN032341.D
Acq: 29 Jun 2024 08:41

Tgt Ion:276 Resp: 34599
Ion Ratio Lower Upper
276 100
138 27.3 21.3 31.9
227 0.0 0.1 0.1

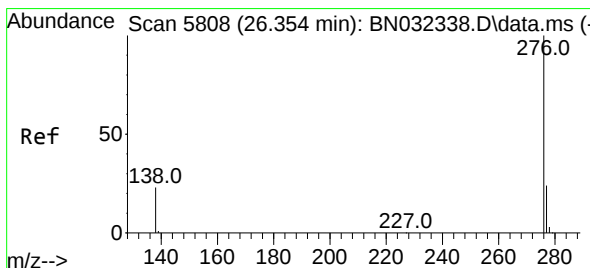
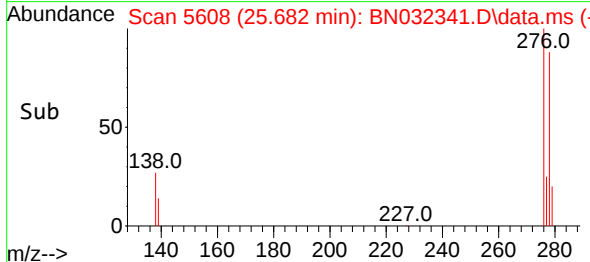
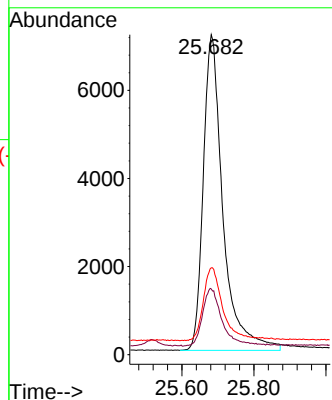
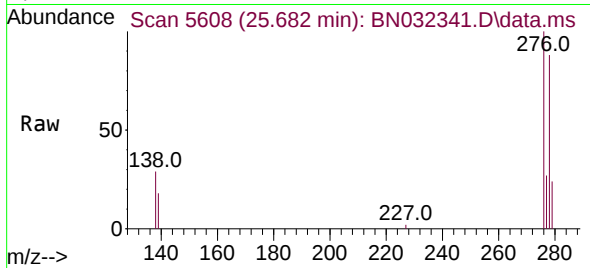




#28
 Dibenzo(a,h)anthracene
 Concen: 0.336 ng/ul
 RT: 25.682 min Scan# 5608
 Delta R.T. -0.028 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

Instrument :
 BNA_N
 ClientSampleId :
 SLCS584

Tgt Ion:278 Resp: 27169
 Ion Ratio Lower Upper
 278 100
 139 20.6 15.9 23.9
 279 27.1 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.337 ng/ul
 RT: 26.356 min Scan# 5809
 Delta R.T. -0.025 min
 Lab File: BN032341.D
 Acq: 29 Jun 2024 08:41

Tgt Ion:276 Resp: 29178
 Ion Ratio Lower Upper
 276 100
 138 25.7 19.8 29.6
 277 25.5 19.8 29.6

