

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030132.D
 Acq On : 28 Feb 2024 16:37
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4349

Quant Time: Feb 28 17:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

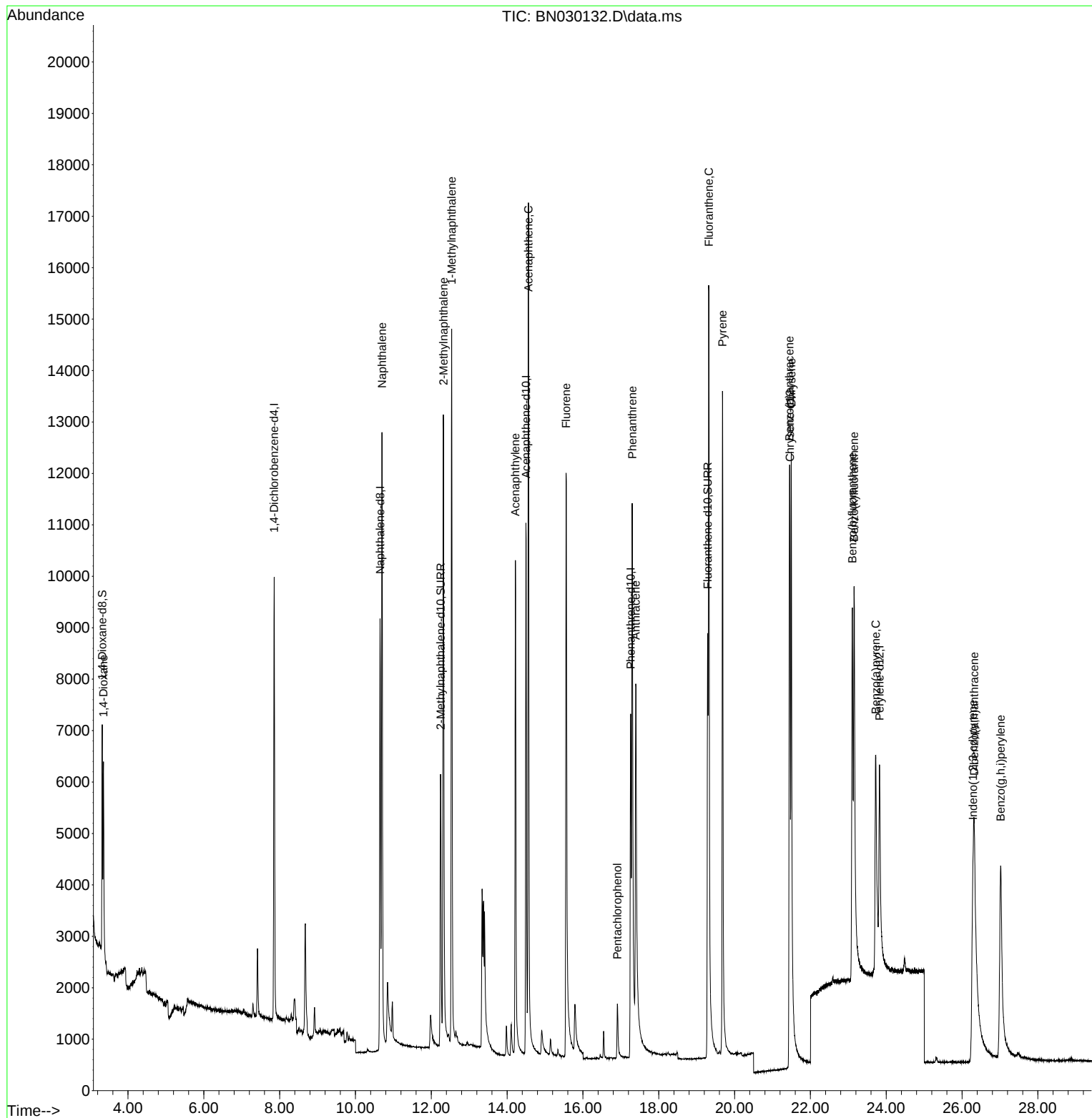
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	12443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	10957	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	7403	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	6527	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2771	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	7912	0.500	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	11713	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	2794	0.447	ng/ul	96
5) Naphthalene	10.700	128	16796	0.480	ng/ul	100
7) 2-Methylnaphthalene	12.322	142	9792	0.488	ng/ul	99
8) 1-Methylnaphthalene	12.537	142	10163	0.497	ng/ul	99
10) Acenaphthylene	14.220	152	13600	0.440	ng/ul	98
11) Acenaphthene	14.562	153	10805	0.460	ng/ul	98
12) Fluorene	15.557	166	10835	0.441	ng/ul	97
14) Pentachlorophenol	16.909	266	1011	0.414	ng/ul#	50
15) Phenanthrene	17.301	178	14859	0.434	ng/ul	99
16) Anthracene	17.394	178	12738	0.442	ng/ul	99
19) Fluoranthene	19.323	202	15719	0.462	ng/ul	99
20) Pyrene	19.680	202	14312	0.411	ng/ul	96
21) Benzo(a)anthracene	21.446	228	10554	0.395	ng/ul	100
22) Chrysene	21.496	228	12832	0.439	ng/ul	100
24) Benzo(b)fluoranthene	23.107	252	11765	0.479	ng/ul	99
25) Benzo(k)fluoranthene	23.153	252	13923	0.511	ng/ul	98
26) Benzo(a)pyrene	23.723	252	10765	0.466	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.285	276	13022	0.465	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	10117	0.460	ng/ul	94
29) Benzo(g,h,i)perylene	27.016	276	12045	0.473	ng/ul	97

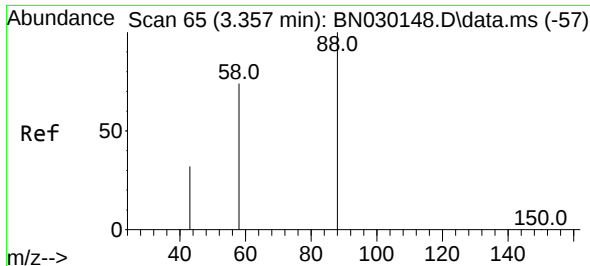
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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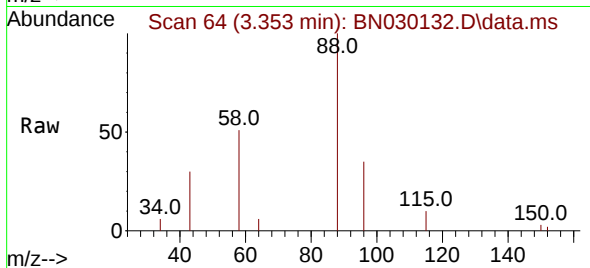
Quant Time: Feb 28 17:10:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
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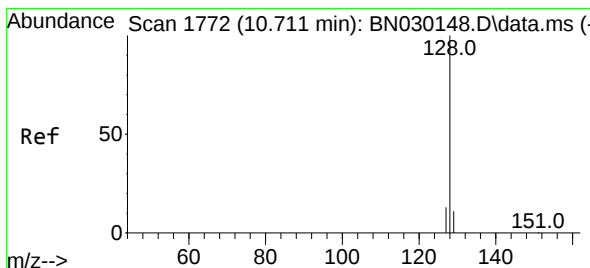
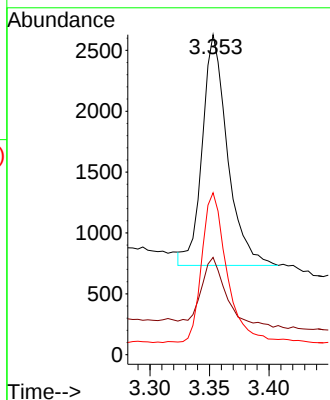
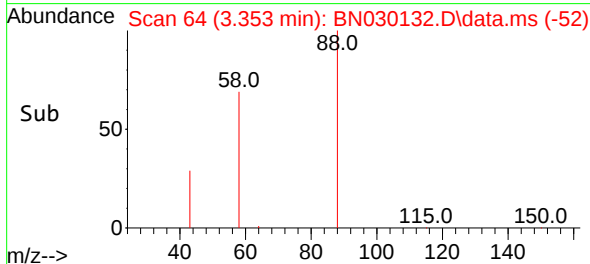
#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4349



Tgt Ion: 88 Resp: 2794

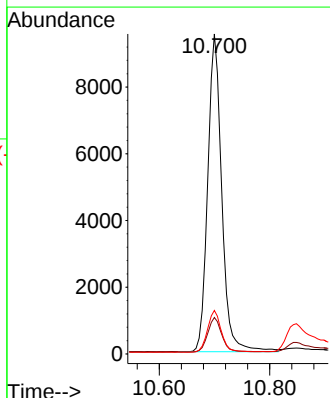
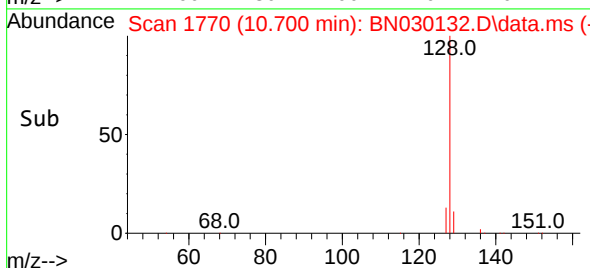
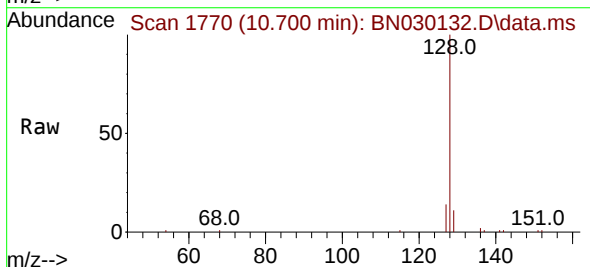
Ion	Ratio	Lower	Upper
88	100		
43	30.4	21.8	32.6
58	50.6	39.3	58.9

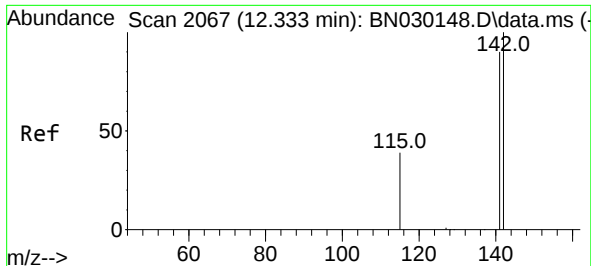


#5
Naphthalene
Concen: 0.480 ng/ul
RT: 10.700 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion: 128 Resp: 16796

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.6	11.0	16.6

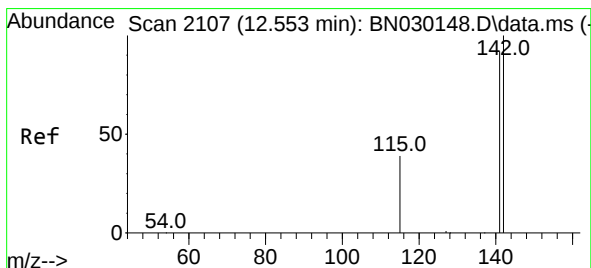
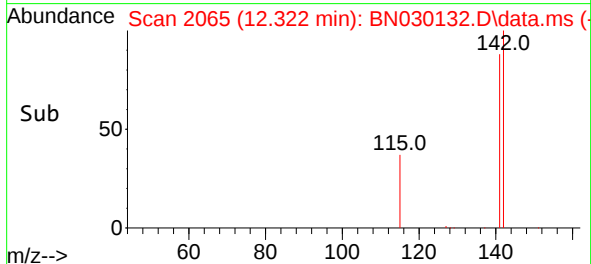
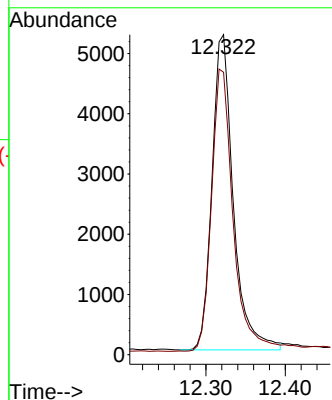
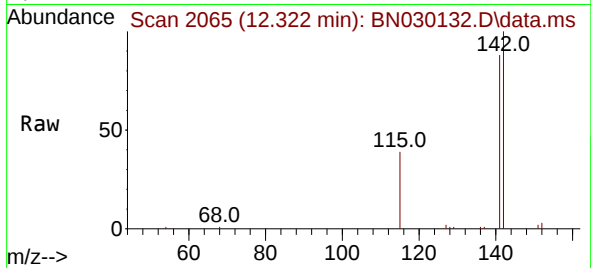




#7
2-Methylnaphthalene
Concen: 0.488 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

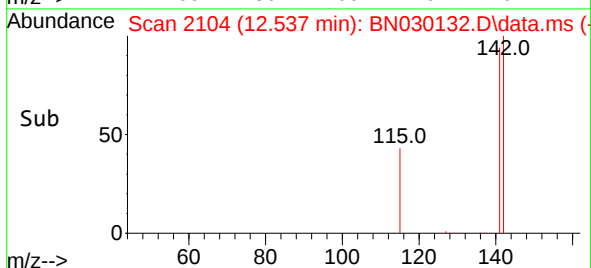
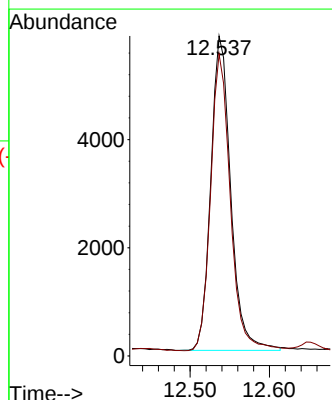
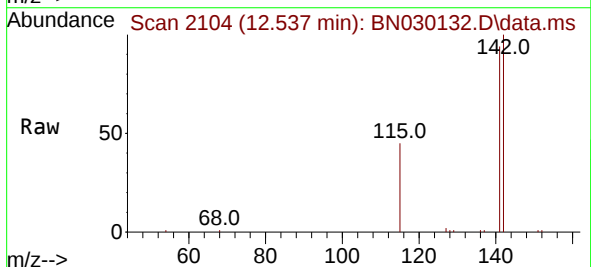
Instrument :
BNA_N
ClientSampleId :
SSTD0.4349

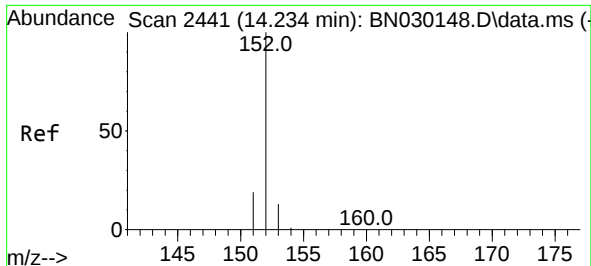
Tgt Ion:142 Resp: 9792
Ion Ratio Lower Upper
142 100
141 90.8 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.497 ng/ul
RT: 12.537 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:142 Resp: 10163
Ion Ratio Lower Upper
142 100
141 93.5 73.9 110.9

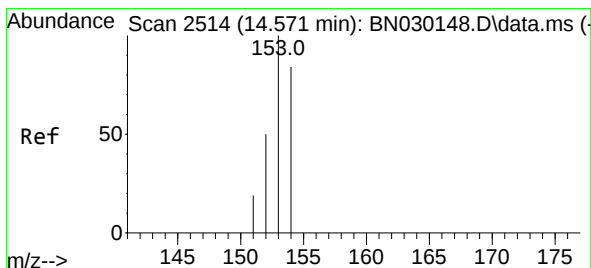
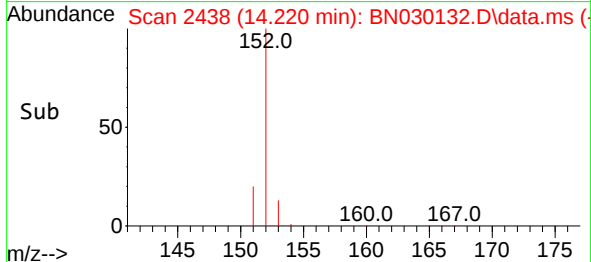
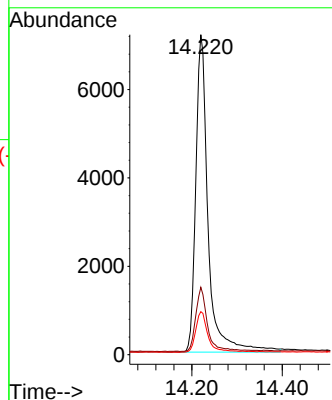
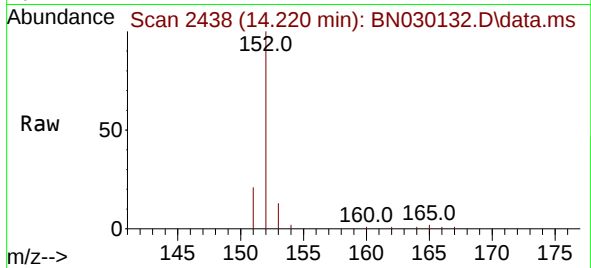




#10
Acenaphthylene
Concen: 0.440 ng/ul
RT: 14.220 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

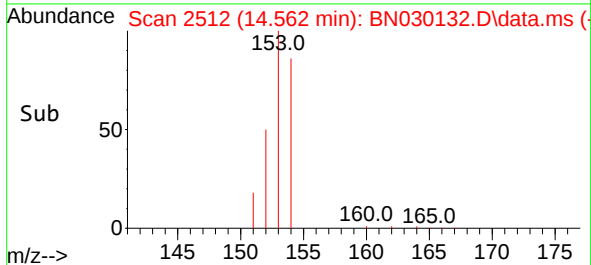
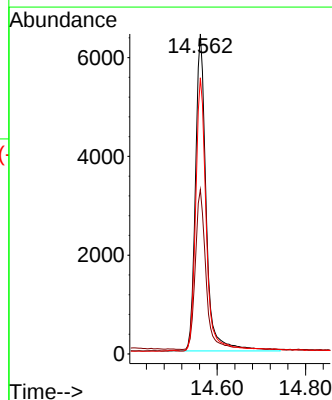
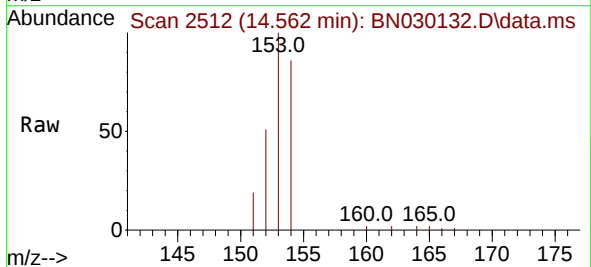
Instrument :
BNA_N
ClientSampleId :
SSTD0.4349

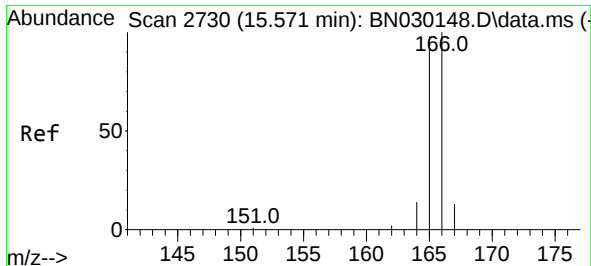
Tgt Ion:152 Resp: 13600
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.460 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:153 Resp: 10805
Ion Ratio Lower Upper
153 100
152 51.3 41.5 62.3
154 86.3 70.9 106.3

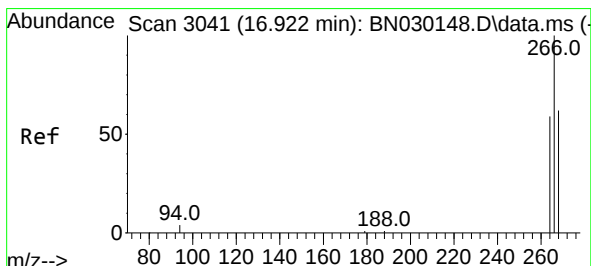
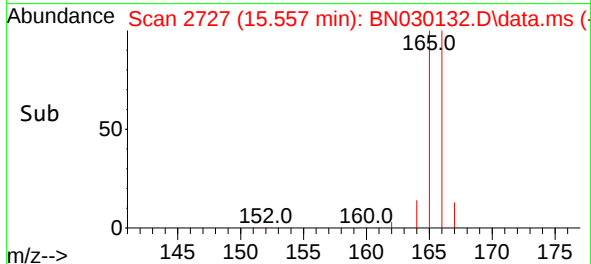
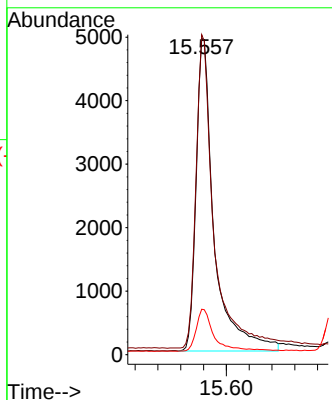
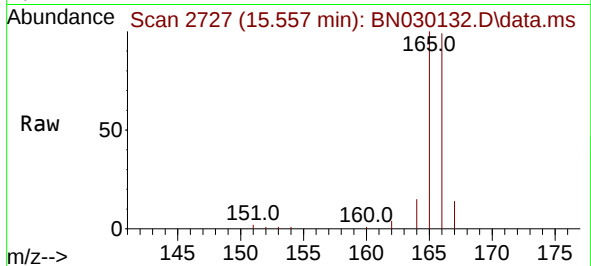




#12
 Fluorene
 Concen: 0.441 ng/ul
 RT: 15.557 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN030132.D
 Acq: 28 Feb 2024 16:37

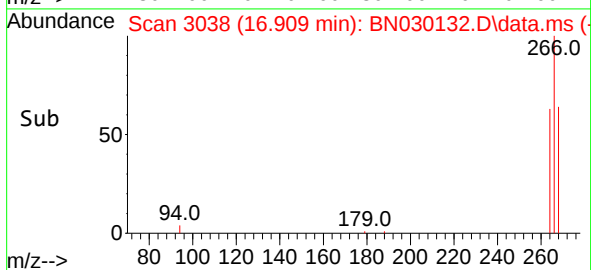
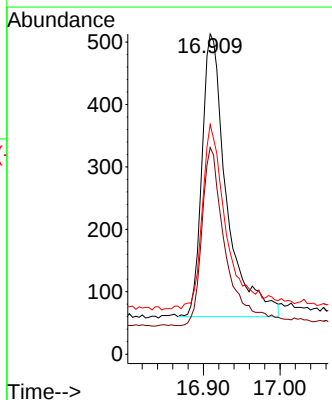
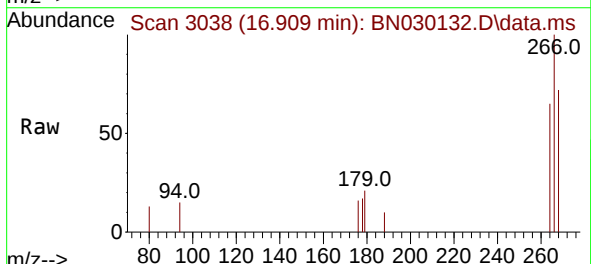
Instrument :
 BNA_N
 ClientSampleId :
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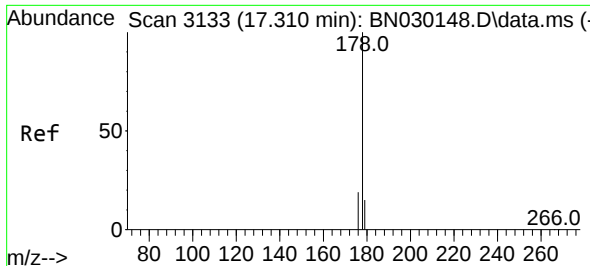
Tgt Ion:	166	Resp:	10835
Ion Ratio	Lower	Upper	
166	100		
165	101.2	78.6	117.8
167	14.4	11.5	17.3



#14
 Pentachlorophenol
 Concen: 0.414 ng/ul
 RT: 16.909 min Scan# 3038
 Delta R.T. -0.008 min
 Lab File: BN030132.D
 Acq: 28 Feb 2024 16:37

Tgt Ion:	266	Resp:	1011
Ion Ratio	Lower	Upper	
266	100		
264	60.4	0.0	0.0#
268	63.8	0.2	0.2#

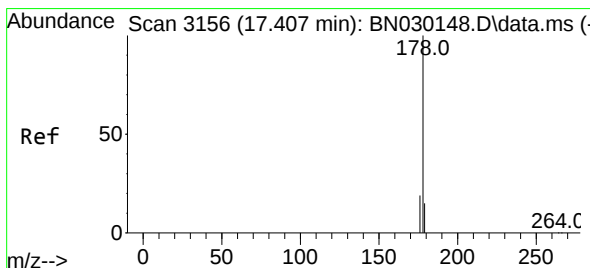
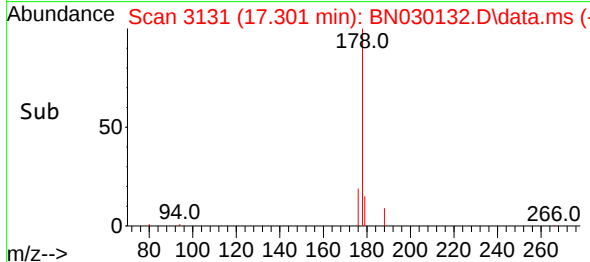
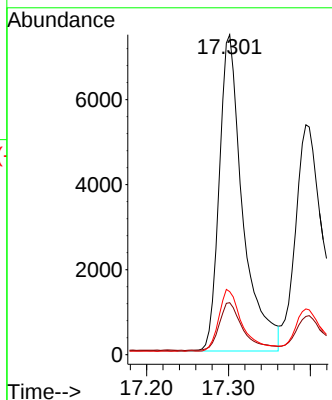
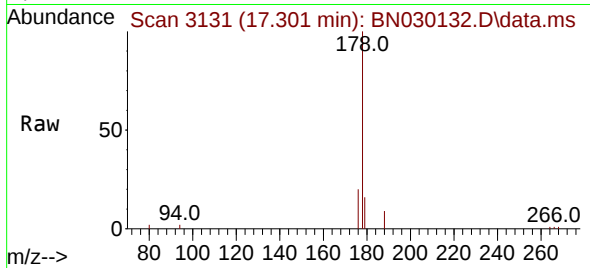




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.301 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

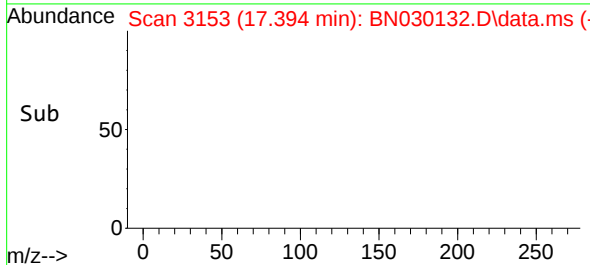
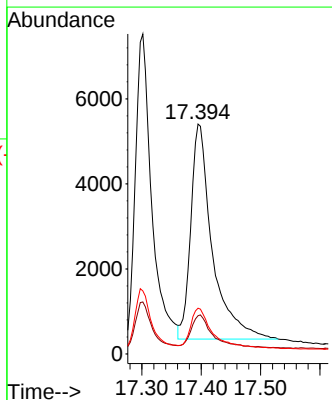
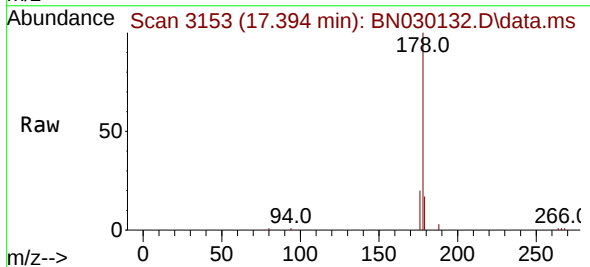
Instrument :
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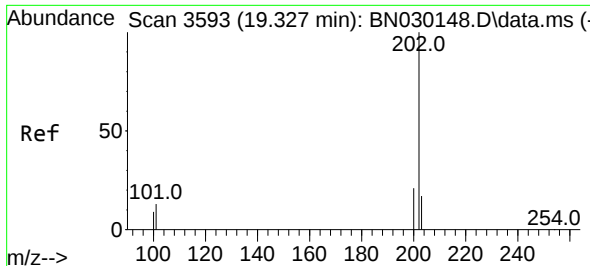
Tgt Ion:178 Resp: 14859
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.442 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:178 Resp: 12738
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.9 15.8 23.8

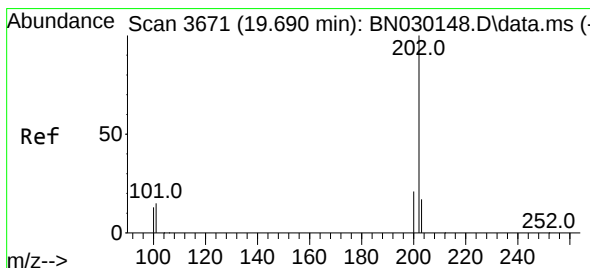
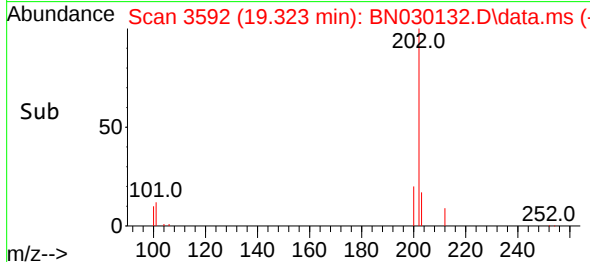
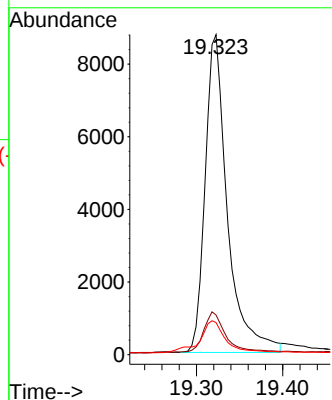
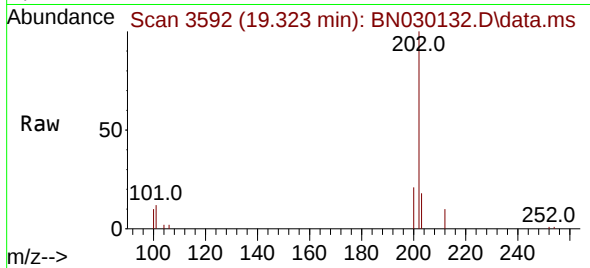




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.323 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

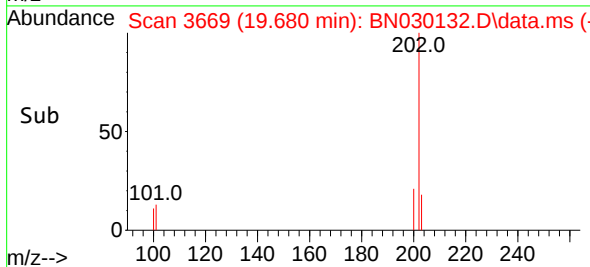
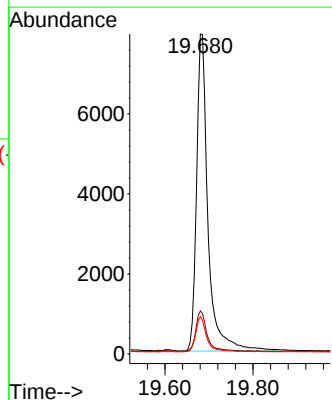
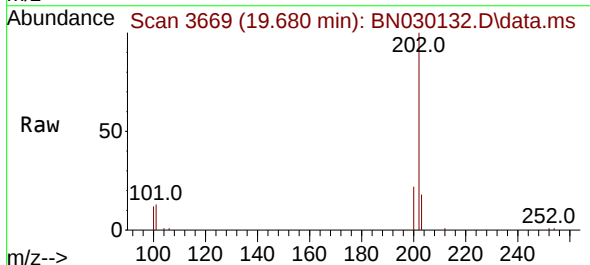
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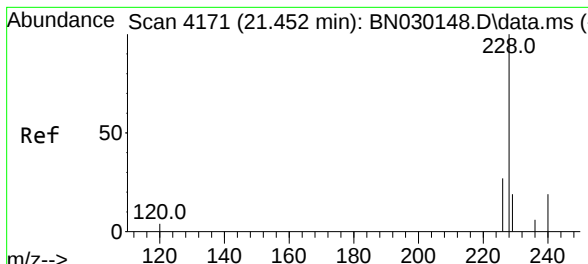
Tgt Ion:202 Resp: 15719
Ion Ratio Lower Upper
202 100
101 12.4 10.4 15.6
100 10.0 8.5 12.7



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:202 Resp: 14312
Ion Ratio Lower Upper
202 100
101 13.5 12.5 18.7
100 11.7 10.0 15.0

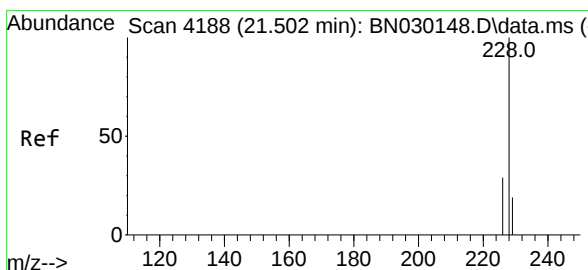
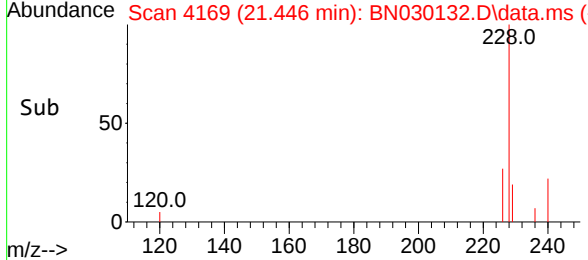
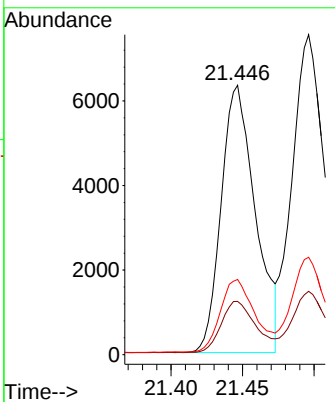
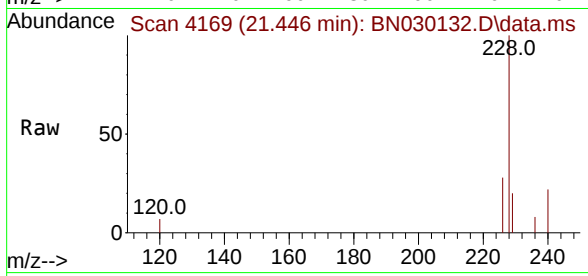




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.446 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

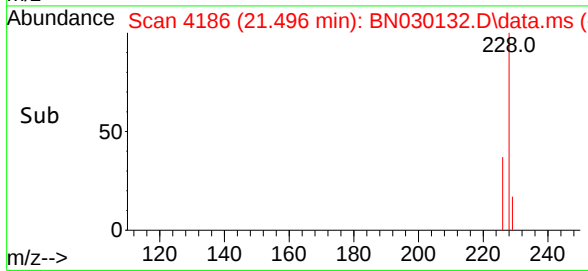
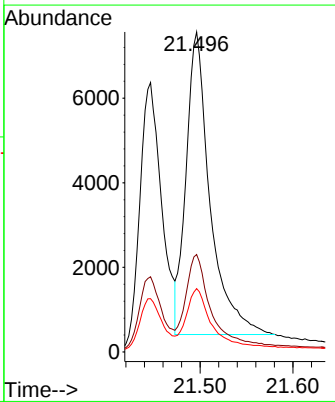
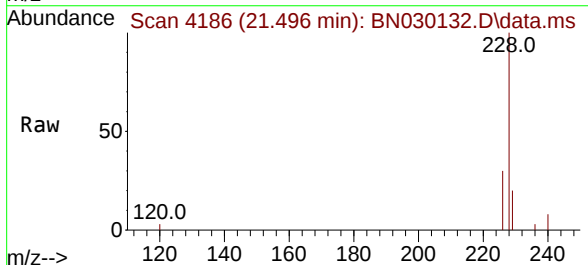
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SSTD0.4349

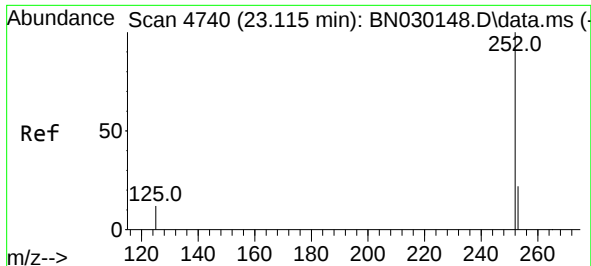
Tgt Ion:	228	Resp:	10554
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.7	23.5
226	27.9	22.2	33.4



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.496 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

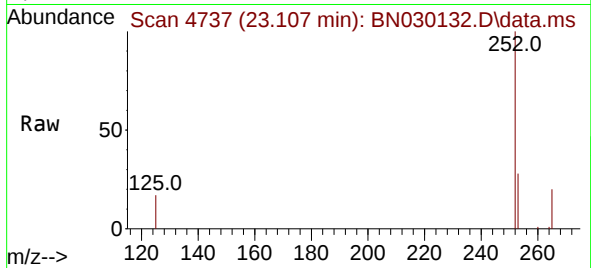
Tgt Ion:	228	Resp:	12832
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.2
229	19.8	15.7	23.5



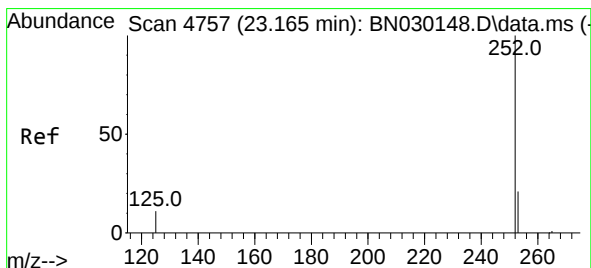
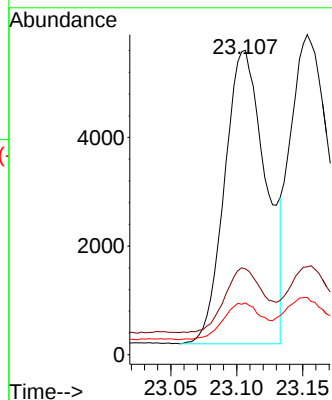


#24
Benzo(b)fluoranthene
Concen: 0.479 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. -0.001 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4349

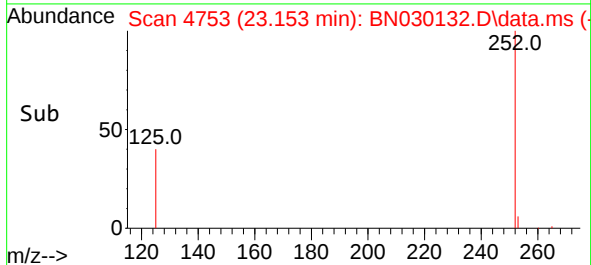
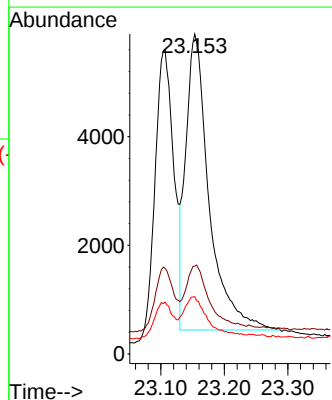
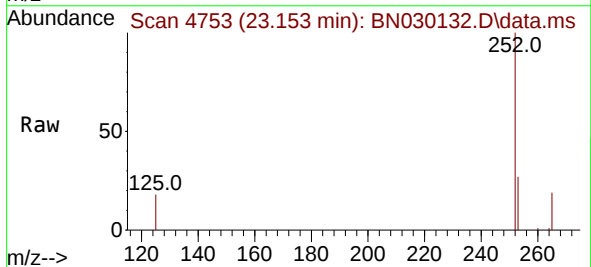


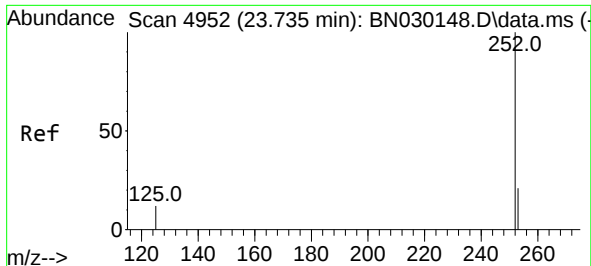
Tgt Ion:252 Resp: 11765
Ion Ratio Lower Upper
252 100
253 28.2 0.0 56.8
125 17.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.511 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

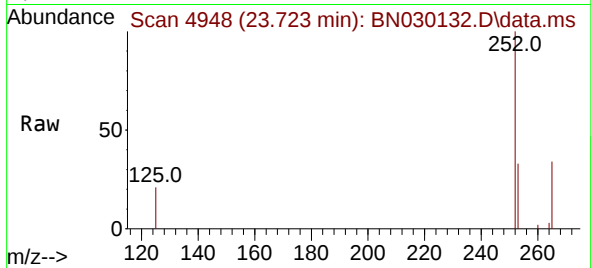
Tgt Ion:252 Resp: 13923
Ion Ratio Lower Upper
252 100
253 27.5 22.6 33.8
125 17.9 15.3 22.9



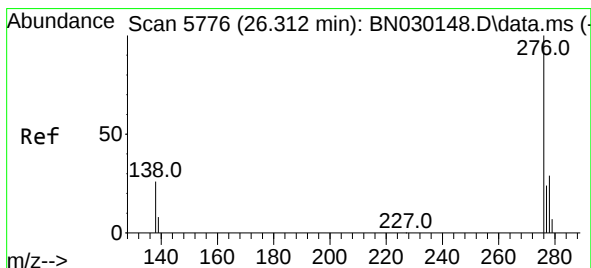
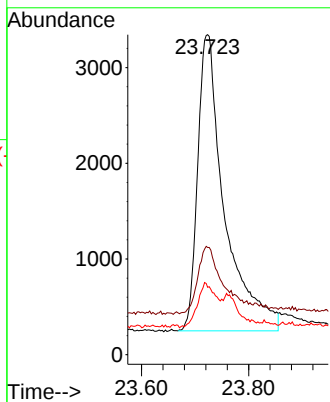
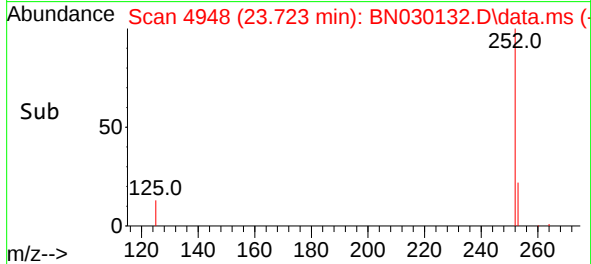


#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.723 min Scan# 4952
Delta R.T. -0.001 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4349

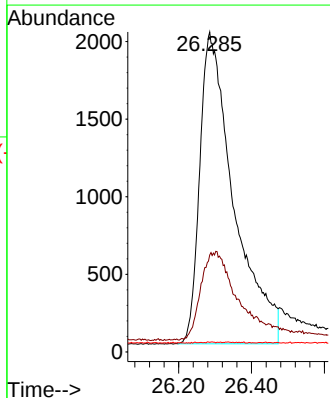
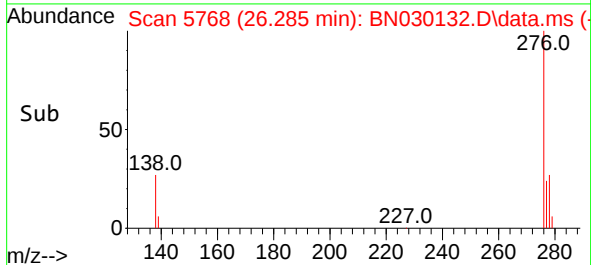
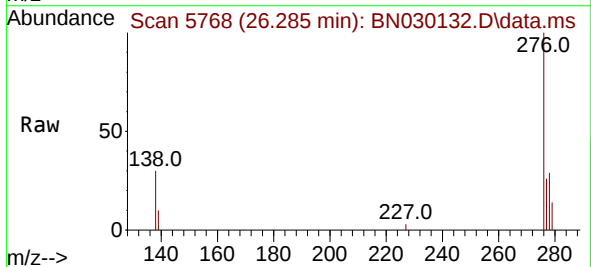


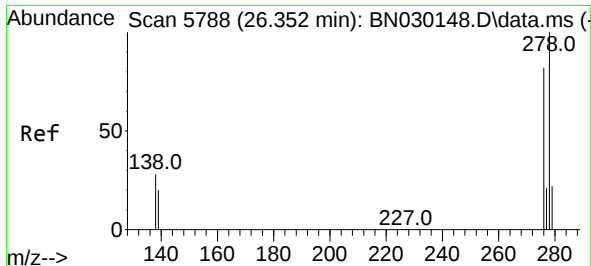
Tgt Ion:252 Resp: 10765
Ion Ratio Lower Upper
252 100
253 33.5 25.4 38.0
125 21.1 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. -0.008 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:276 Resp: 13022
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0#

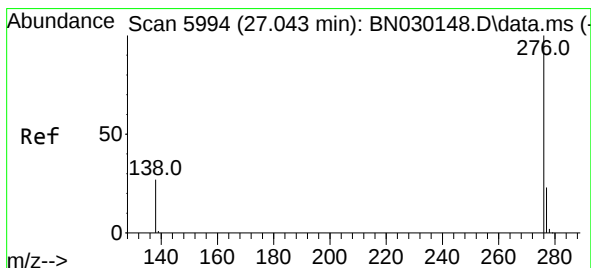
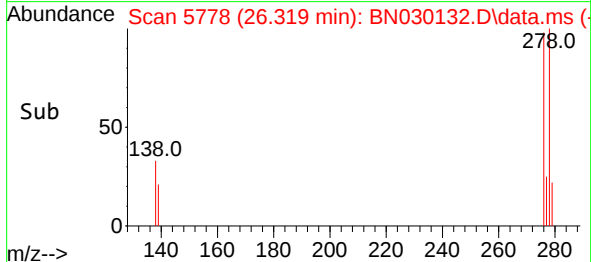
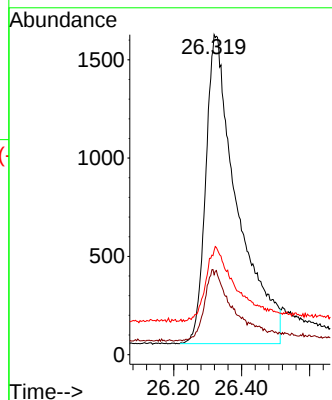
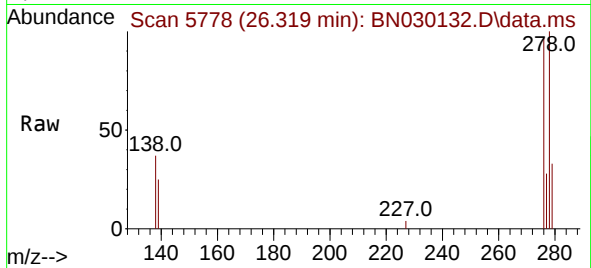




#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.319 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4349

Tgt Ion:278 Resp: 10117
Ion Ratio Lower Upper
278 100
139 25.0 19.0 28.4
279 32.6 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.016 min Scan# 5986
Delta R.T. -0.001 min
Lab File: BN030132.D
Acq: 28 Feb 2024 16:37

Tgt Ion:276 Resp: 12045
Ion Ratio Lower Upper
276 100
138 28.2 24.6 37.0
277 25.3 19.7 29.5

