

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030148.D
 Acq On : 29 Feb 2024 02:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4350

Quant Time: Feb 29 03:17:26 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)

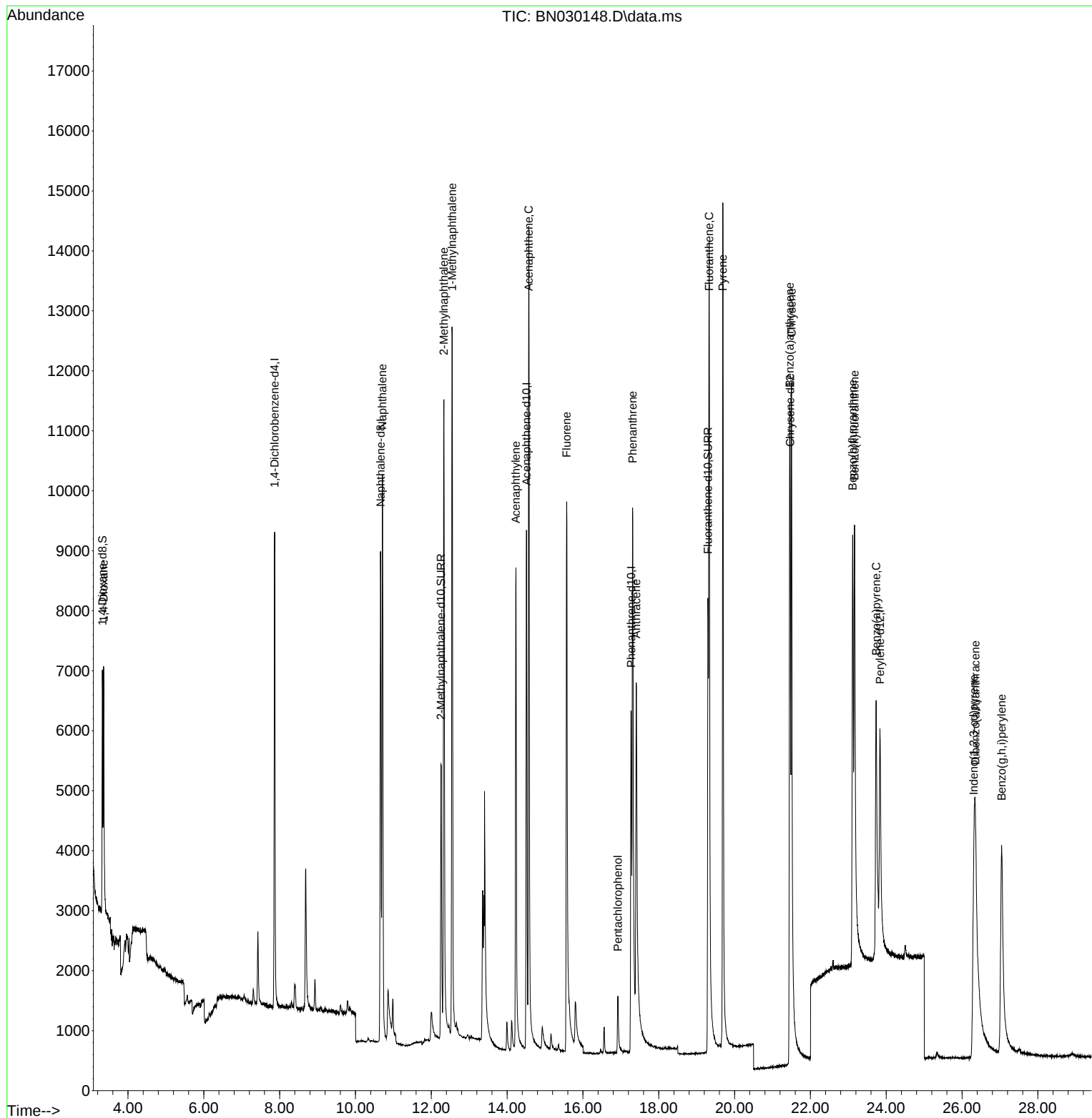
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	4300	0.400	ng/ul	0.01
4) Naphthalene-d8	10.661	136	12003	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.511	164	5439	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.272	188	9326	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	7098	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	6260	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2612	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	6998	0.458	ng/ul	0.01
18) Fluoranthene-d10	19.299	212	10618	0.455	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	2815	0.482	ng/ul	95
5) Naphthalene	10.711	128	13988	0.414	ng/ul	100
7) 2-Methylnaphthalene	12.333	142	8638	0.446	ng/ul	98
8) 1-Methylnaphthalene	12.553	142	8940	0.453	ng/ul	99
10) Acenaphthylene	14.234	152	11690	0.440	ng/ul	99
11) Acenaphthene	14.571	153	9363	0.464	ng/ul	97
12) Fluorene	15.571	166	9183	0.435	ng/ul	99
14) Pentachlorophenol	16.922	266	905	0.435	ng/ul#	49
15) Phenanthrene	17.310	178	12777	0.439	ng/ul	98
16) Anthracene	17.407	178	10998	0.449	ng/ul	98
19) Fluoranthene	19.327	202	14274	0.438	ng/ul	99
20) Pyrene	19.690	202	15056	0.451	ng/ul	99
21) Benzo(a)anthracene	21.452	228	10065	0.393	ng/ul	100
22) Chrysene	21.502	228	12362	0.441	ng/ul	99
24) Benzo(b)fluoranthene	23.115	252	11291	0.479	ng/ul	99
25) Benzo(k)fluoranthene	23.165	252	13122	0.502	ng/ul	98
26) Benzo(a)pyrene	23.735	252	10555	0.477	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.312	276	12223	0.455	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.352	278	9424	0.447	ng/ul	96
29) Benzo(g,h,i)perylene	27.043	276	11335	0.465	ng/ul	98

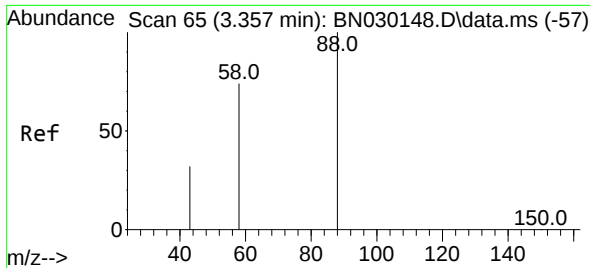
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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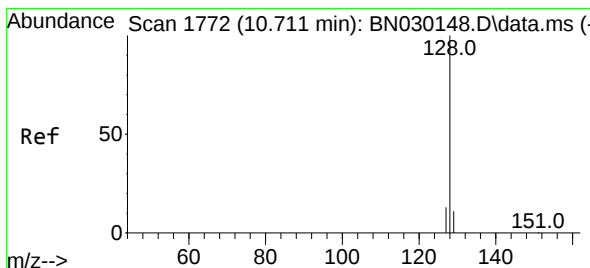
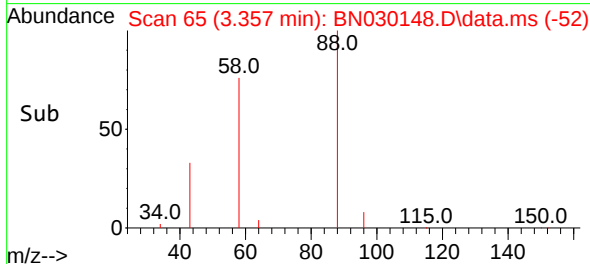
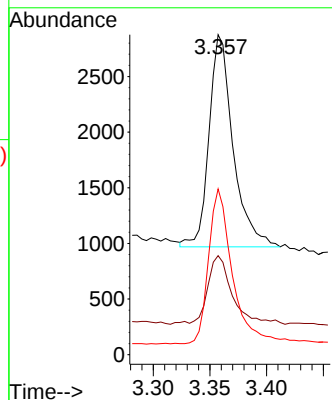
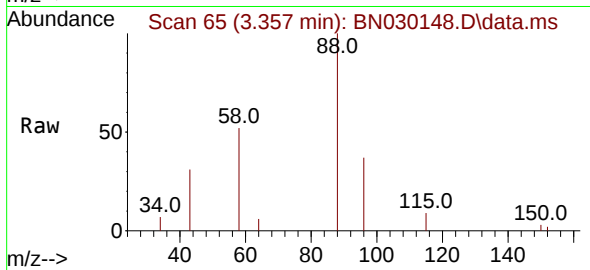




#2
 1,4-Dioxane
 Concen: 0.482 ng/ul
 RT: 3.357 min Scan# 65
 Delta R.T. 0.005 min
 Lab File: BN030148.D
 Acq: 29 Feb 2024 02:50

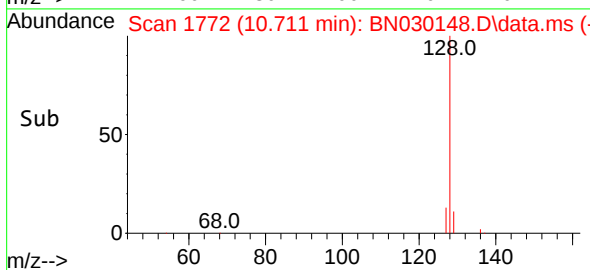
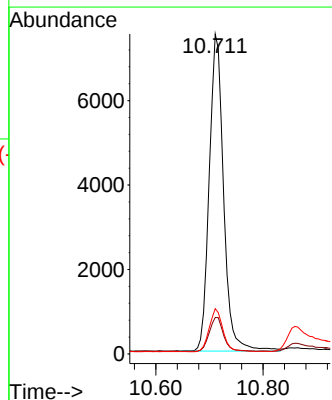
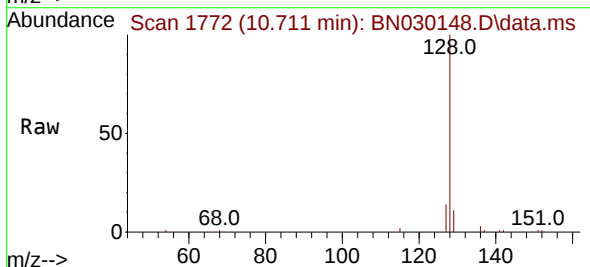
Instrument :
 BNA_N
 ClientSampleId :
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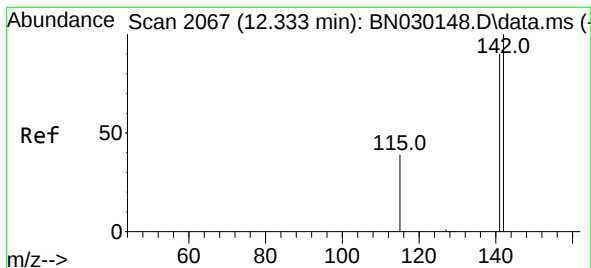
Tgt Ion: 88 Resp: 2815
 Ion Ratio Lower Upper
 88 100
 43 30.9 21.8 32.6
 58 51.8 39.3 58.9



#5
 Naphthalene
 Concen: 0.414 ng/ul
 RT: 10.711 min Scan# 1772
 Delta R.T. 0.011 min
 Lab File: BN030148.D
 Acq: 29 Feb 2024 02:50

Tgt Ion: 128 Resp: 13988
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 14.1 11.0 16.6

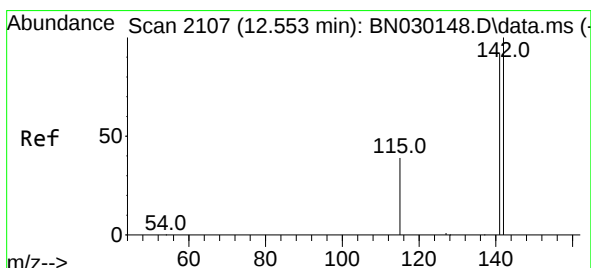
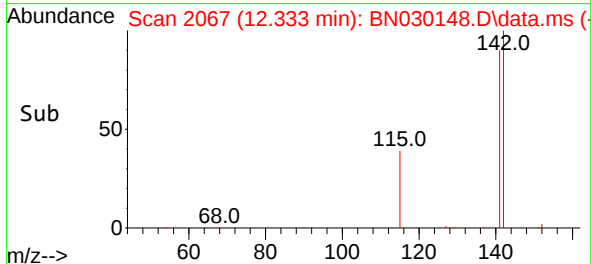
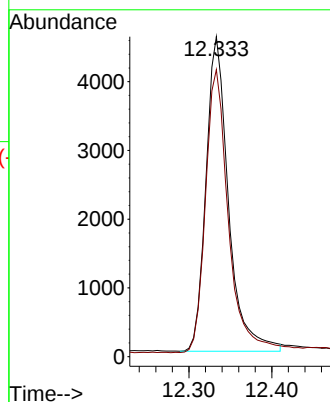
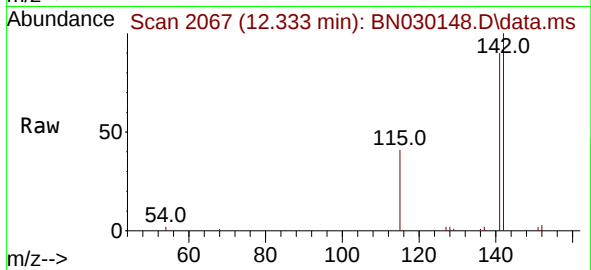




#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.017 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

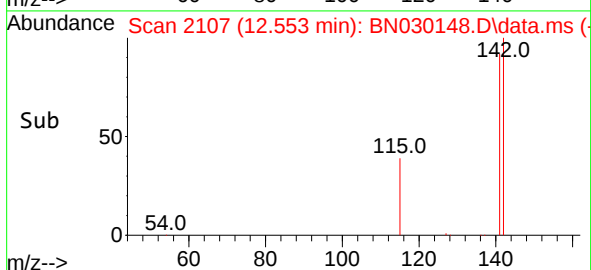
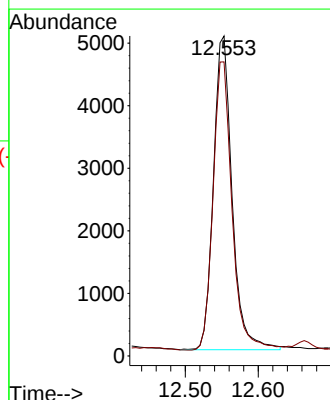
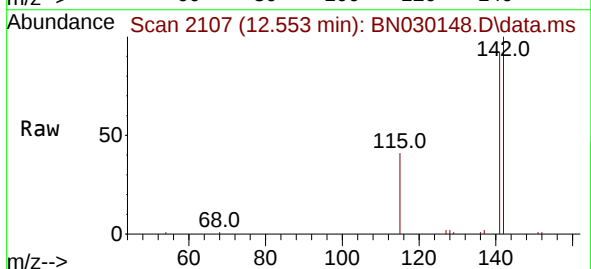
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

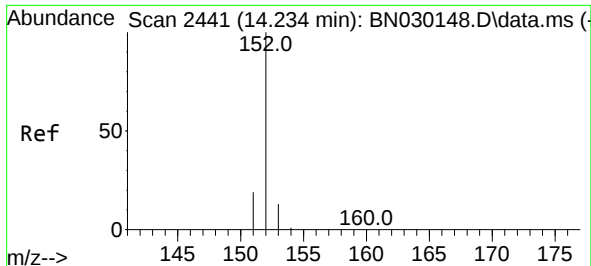
Tgt Ion:142 Resp: 8638
Ion Ratio Lower Upper
142 100
141 91.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.017 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:142 Resp: 8940
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9

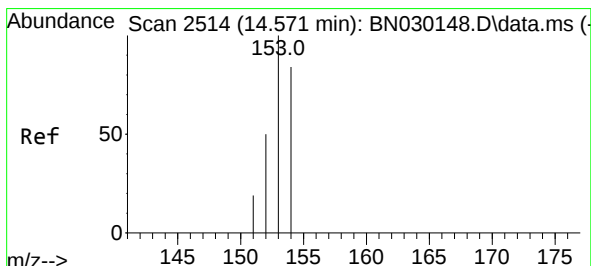
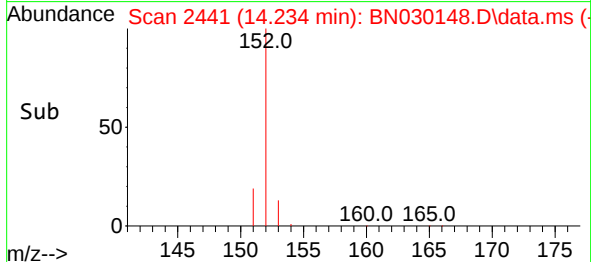
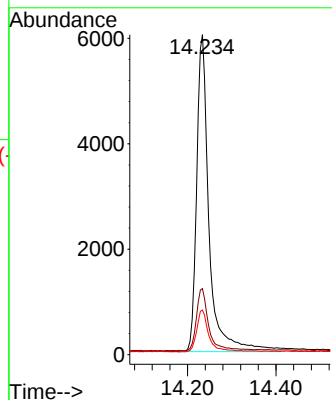
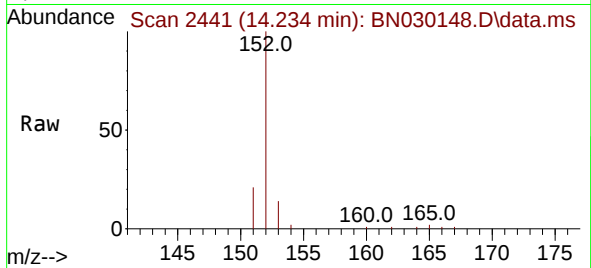




#10
Acenaphthylene
Concen: 0.440 ng/ul
RT: 14.234 min Scan# 2441
Delta R.T. 0.014 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

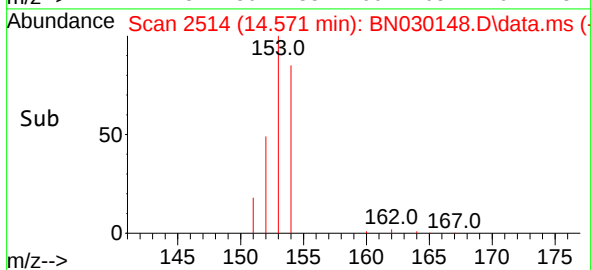
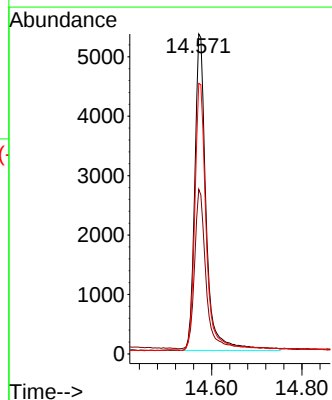
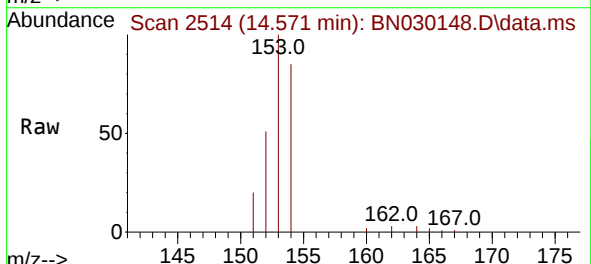
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

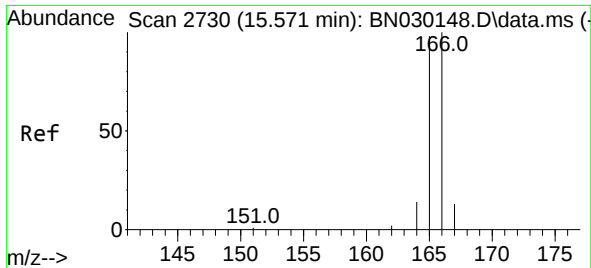
Tgt Ion:152 Resp: 11690
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.464 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.010 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:153 Resp: 9363
Ion Ratio Lower Upper
153 100
152 51.4 41.5 62.3
154 84.5 70.9 106.3

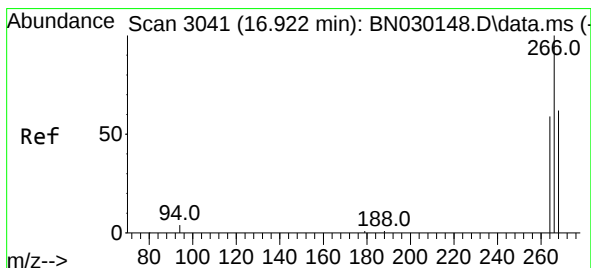
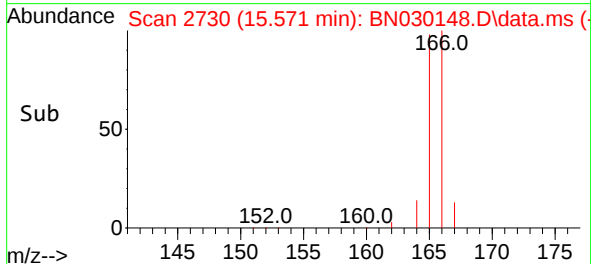
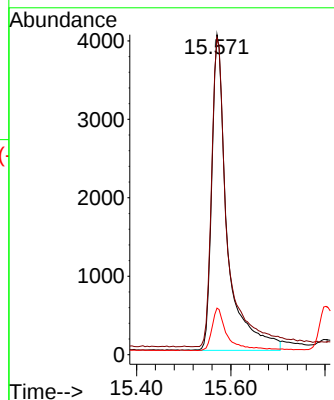
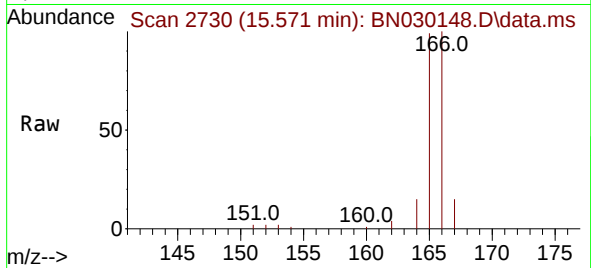




#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.571 min Scan# 2730
Delta R.T. 0.010 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

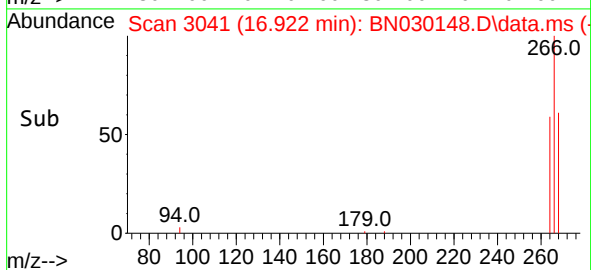
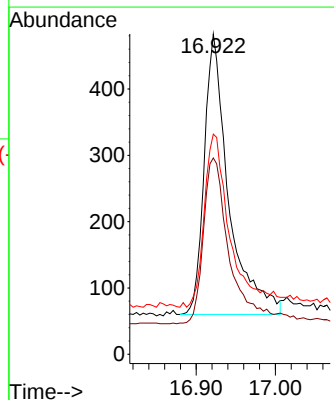
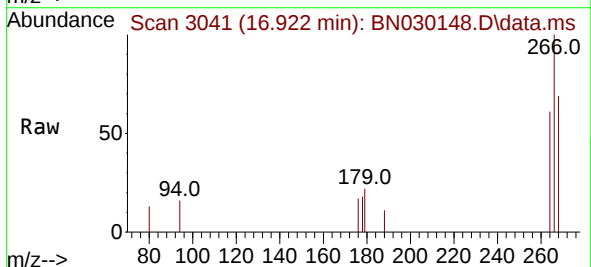
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

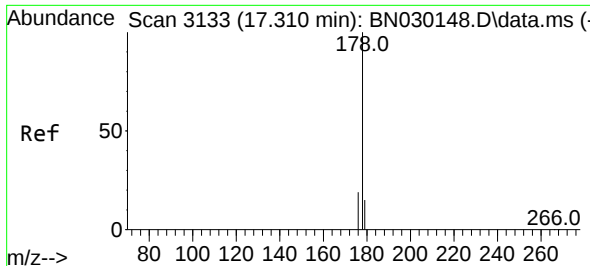
Tgt Ion:166 Resp: 9183
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 14.6 11.5 17.3



#14
Pentachlorophenol
Concen: 0.435 ng/ul
RT: 16.922 min Scan# 3041
Delta R.T. 0.005 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:266 Resp: 905
Ion Ratio Lower Upper
266 100
264 63.9 0.0 0.0#
268 65.2 0.2 0.2#

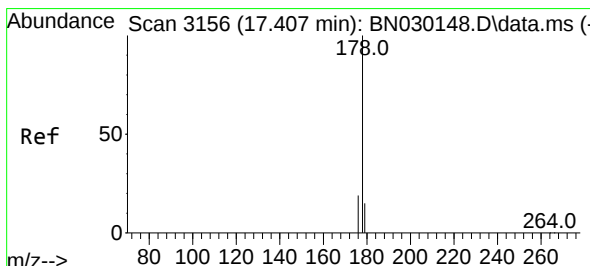
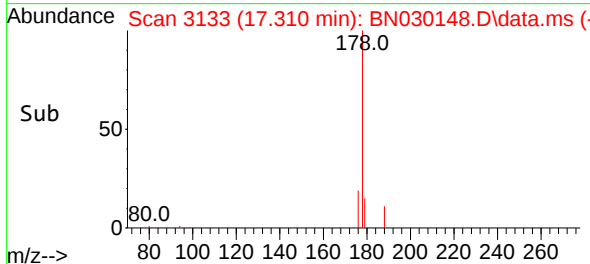
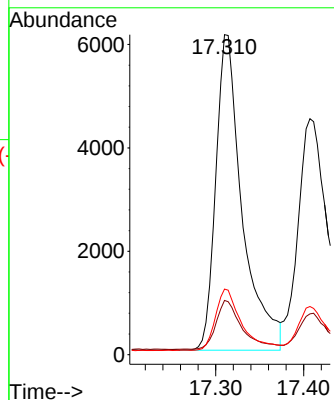
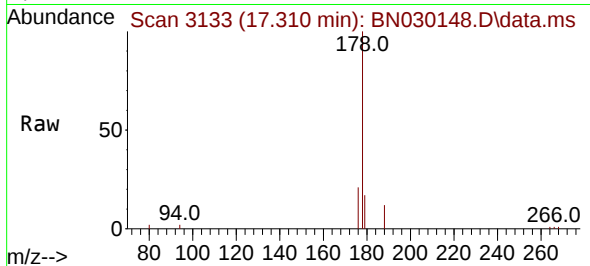




#15
Phenanthrene
Concen: 0.439 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. 0.009 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

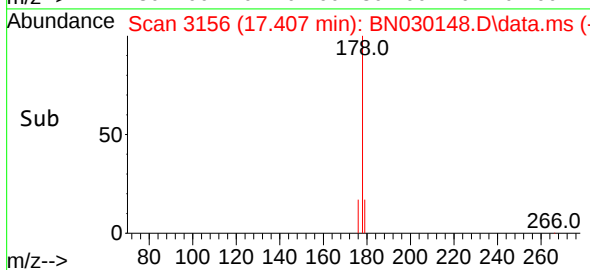
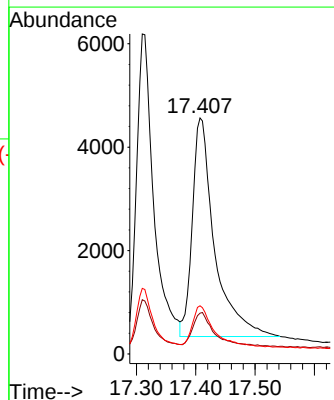
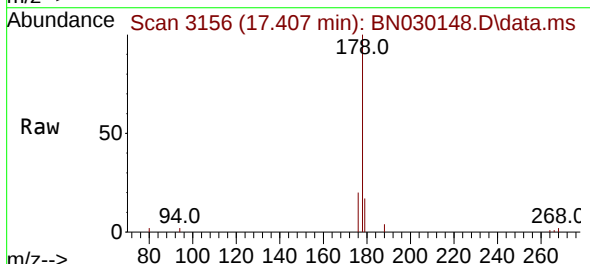
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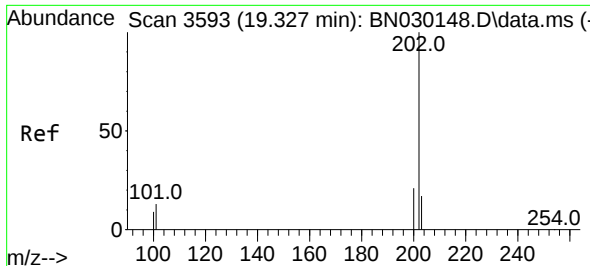
Tgt Ion:	178	Resp:	12777
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.6	18.8
176	20.5	15.7	23.5



#16
Anthracene
Concen: 0.449 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. 0.009 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:	178	Resp:	10998
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.9	19.3
176	20.4	15.8	23.8

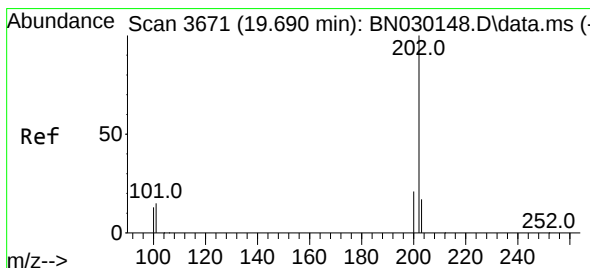
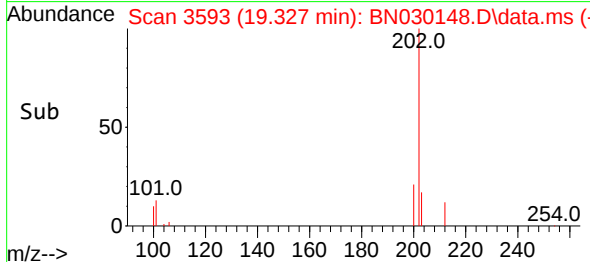
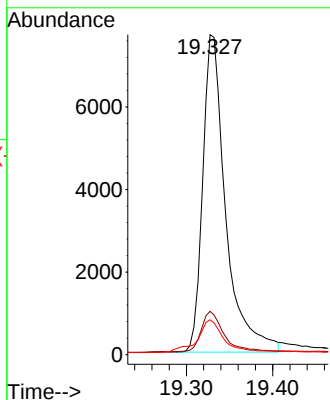
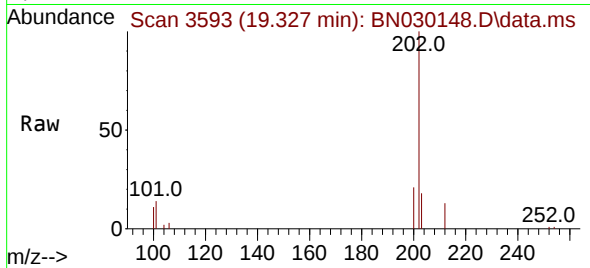




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.327 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

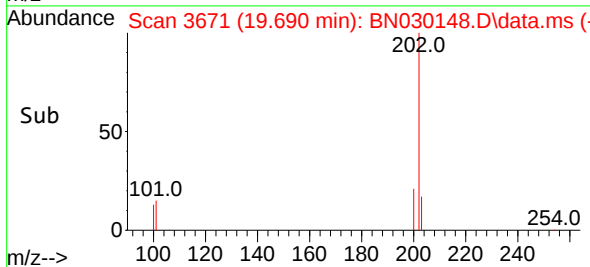
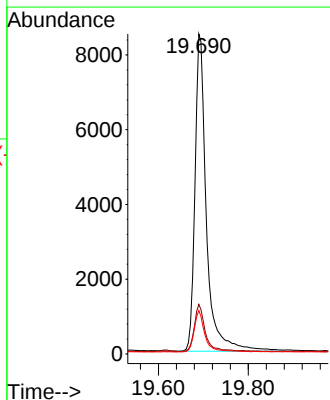
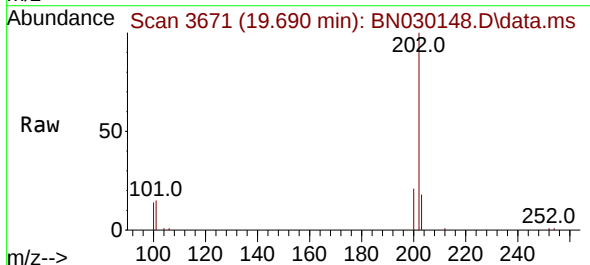
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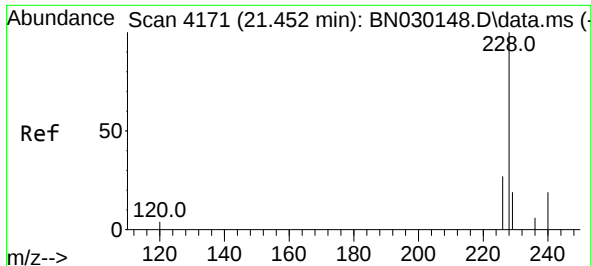
Tgt Ion:	202	Resp:	14274
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.4	15.6
100	10.9	8.5	12.7



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:	202	Resp:	15056
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.5	18.7
100	13.5	10.0	15.0

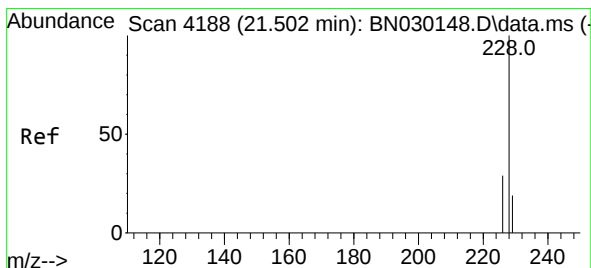
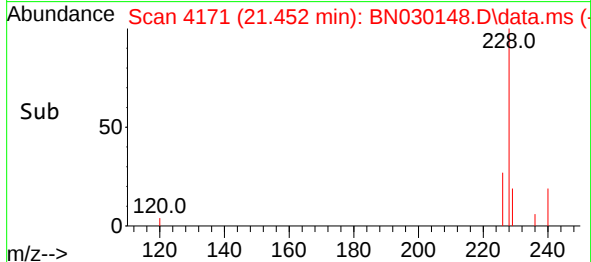
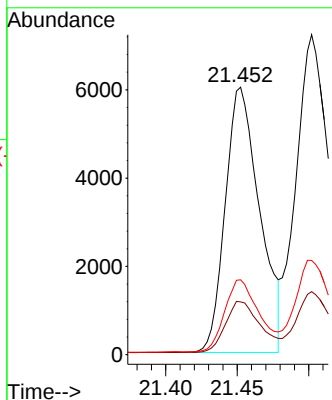
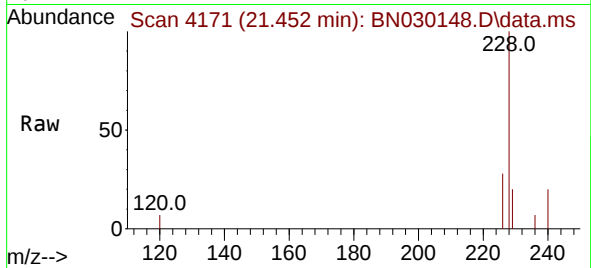




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

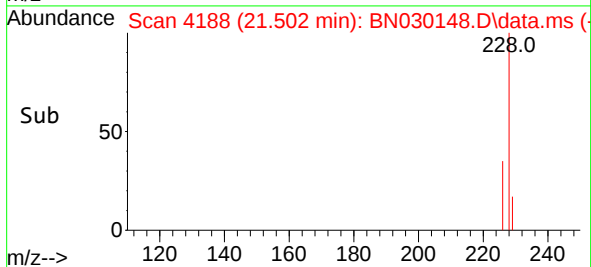
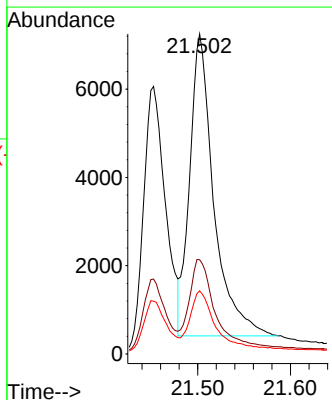
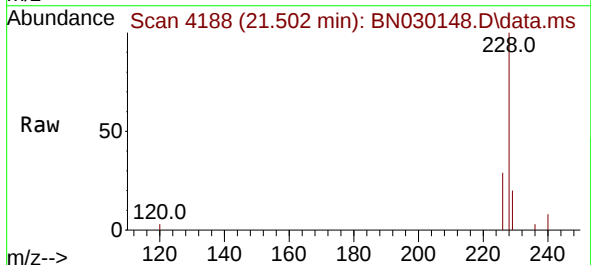
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

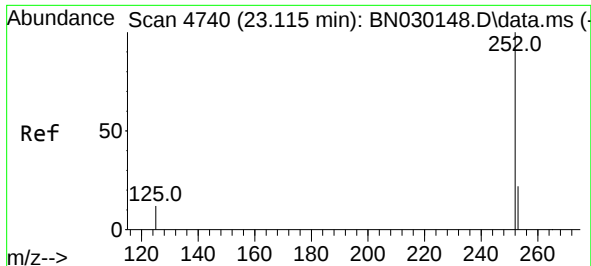
Tgt Ion:228 Resp: 10065
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.441 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. 0.002 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:228 Resp: 12362
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.2
229 19.7 15.7 23.5

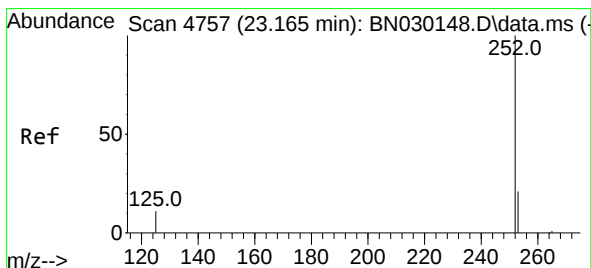
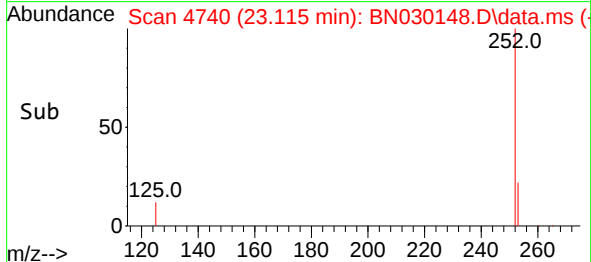
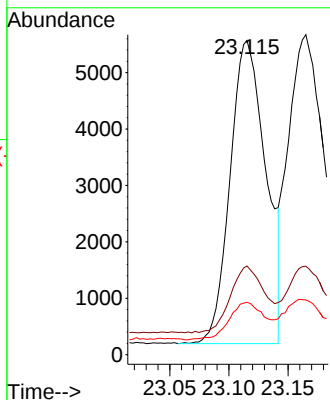
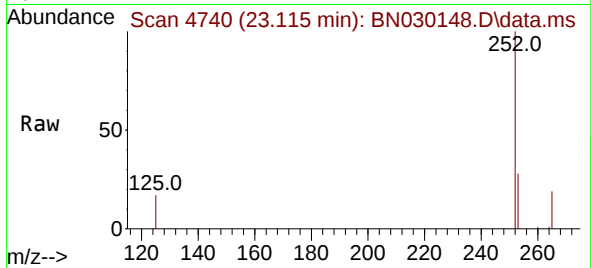




#24
Benzo(b)fluoranthene
Concen: 0.479 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. 0.007 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

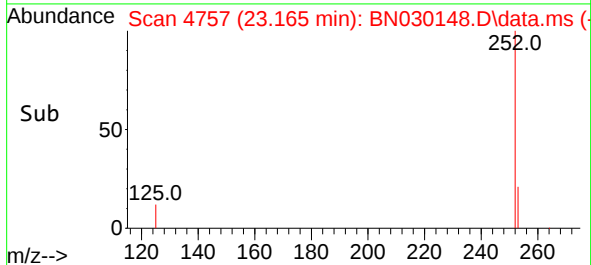
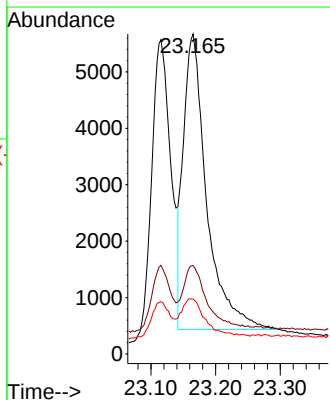
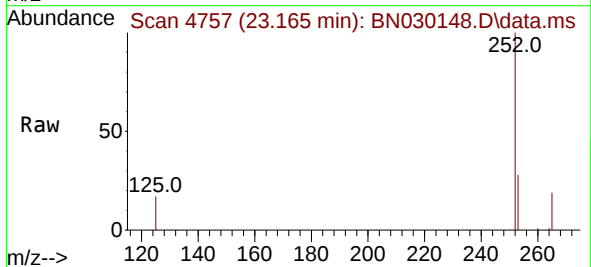
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

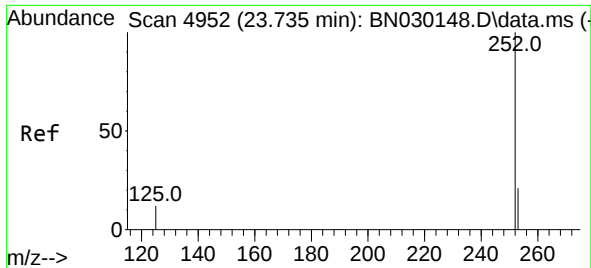
Tgt Ion:	252	Resp:	11291
Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	56.8
125	16.7	0.0	32.4



#25
Benzo(k)fluoranthene
Concen: 0.502 ng/ul
RT: 23.165 min Scan# 4757
Delta R.T. 0.010 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:	252	Resp:	13122
Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.6	33.8
125	17.1	15.3	22.9

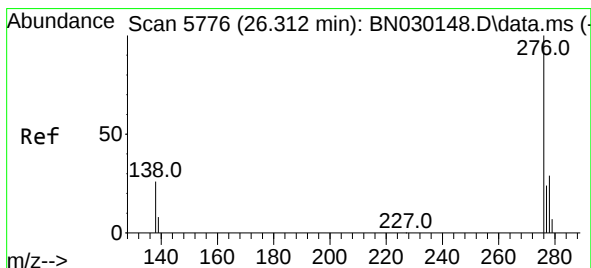
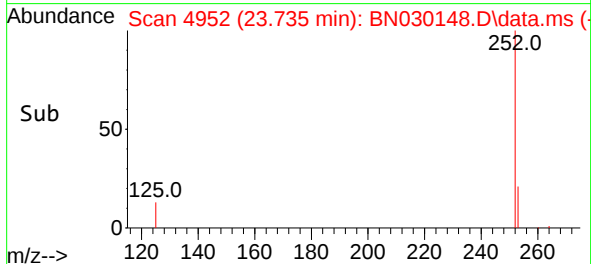
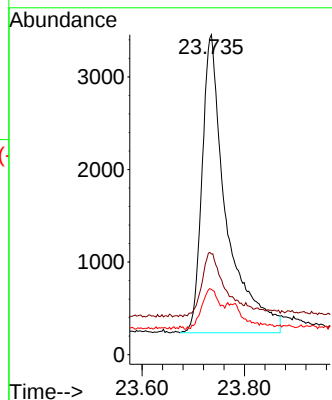
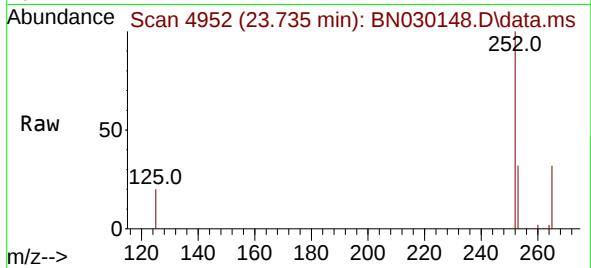




#26
Benzo(a)pyrene
Concen: 0.477 ng/ul
RT: 23.735 min Scan# 4952
Delta R.T. 0.010 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

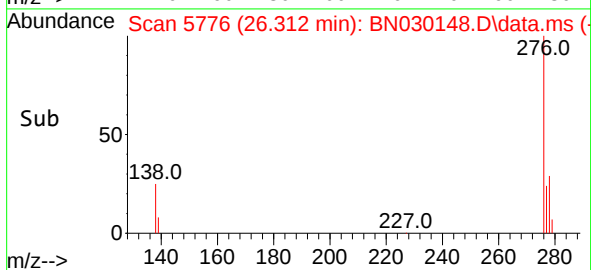
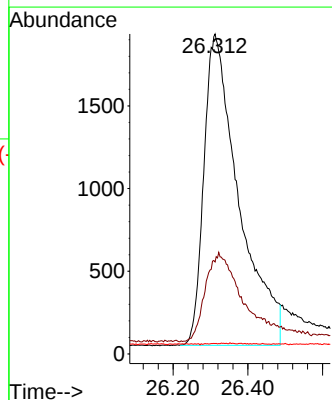
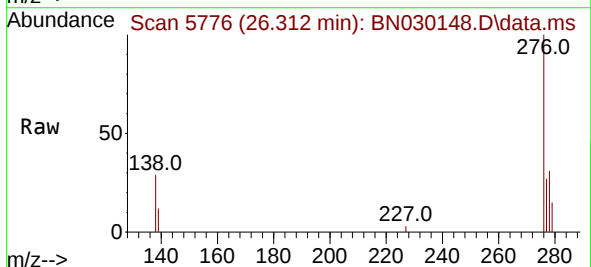
Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

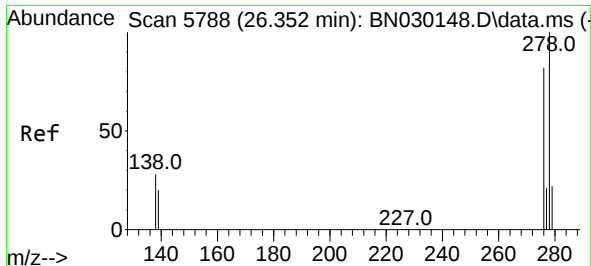
Tgt Ion:	252	Resp:	10555
Ion Ratio	Lower	Upper	
252	100		
253	31.5	25.4	38.0
125	20.4	16.0	24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng/ul
RT: 26.312 min Scan# 5776
Delta R.T. 0.019 min
Lab File: BN030148.D
Acq: 29 Feb 2024 02:50

Tgt Ion:	276	Resp:	12223
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: 0.447 ng/ul

RT: 26.352 min Scan# 51

Delta R.T. 0.022 min

Lab File: BN030148.D

Acq: 29 Feb 2024 02:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.4350

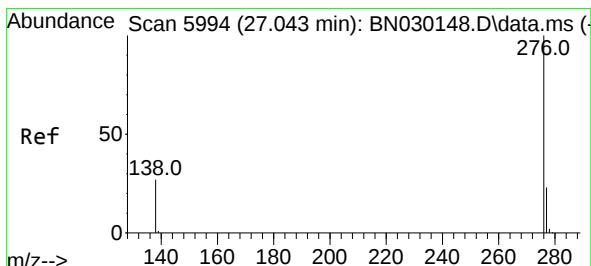
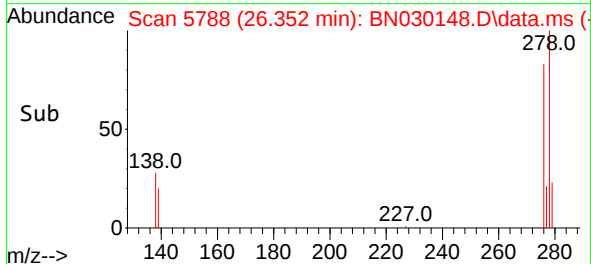
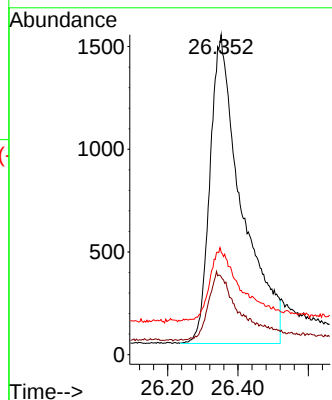
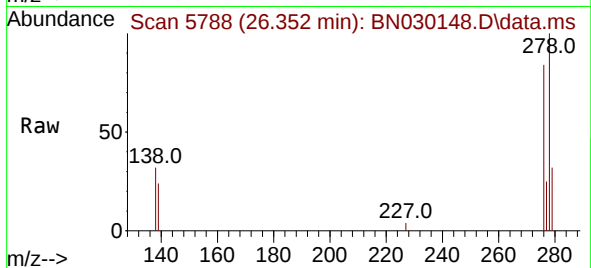
Tgt Ion:278 Resp: 9424

Ion Ratio Lower Upper

278 100

139 24.3 19.0 28.4

279 32.0 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.465 ng/ul

RT: 27.043 min Scan# 5994

Delta R.T. 0.025 min

Lab File: BN030148.D

Acq: 29 Feb 2024 02:50

Tgt Ion:276 Resp: 11335

Ion Ratio Lower Upper

276 100

138 29.8 24.6 37.0

277 25.5 19.7 29.5

