

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
 Data File : BN019912.D
 Acq On : 23 May 2022 12:56
 Operator : CG/JU
 Sample : SST0.840
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

Quant Time: May 23 13:52:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 13:50:36 2022
 Response via : Initial Calibration

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

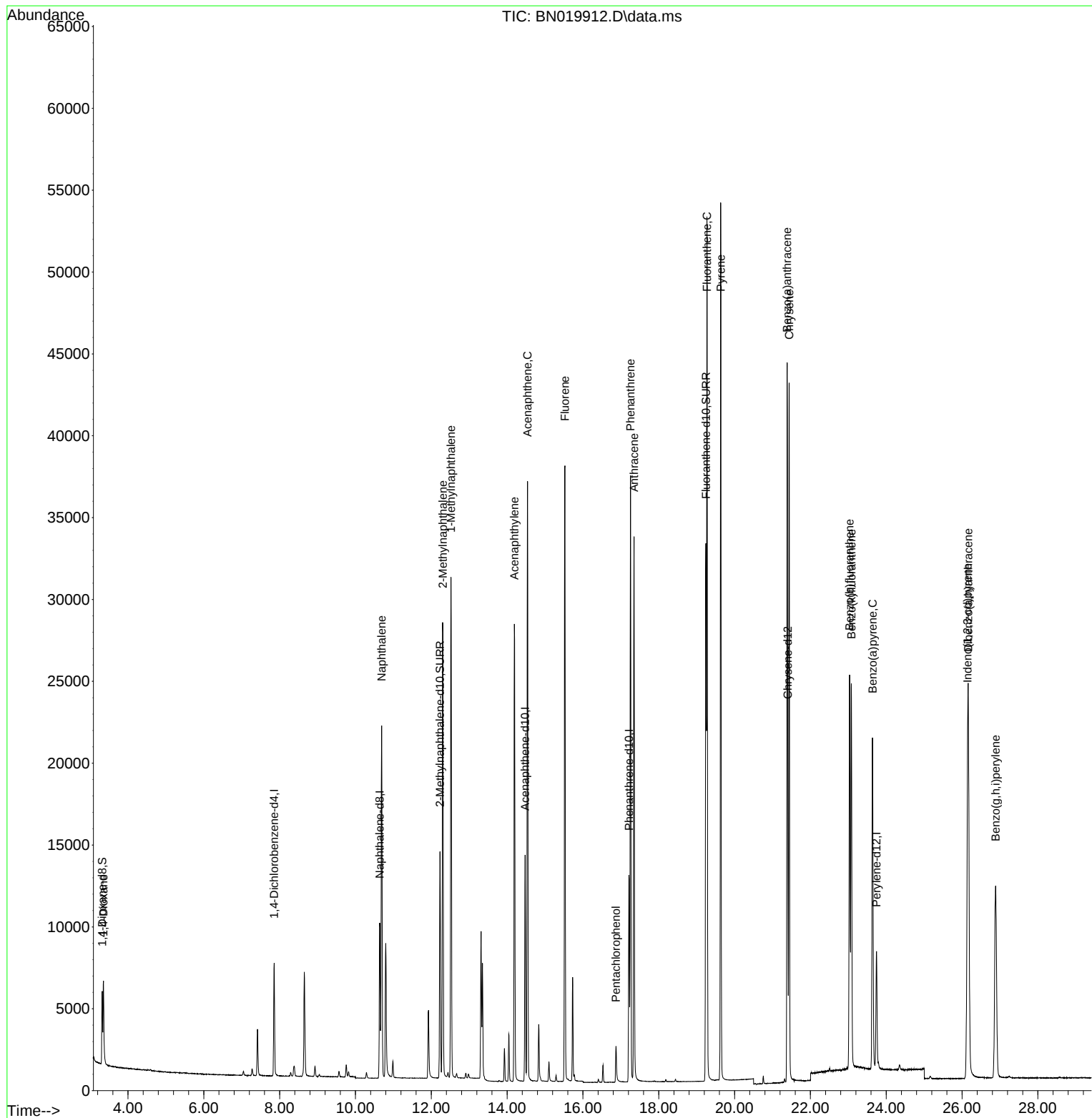
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3824	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13138	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7804	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15306	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	12051	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	9692	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3086	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	18428	0.927	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	37171	0.975	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	3194	0.665	ng/ul#	79
5) Naphthalene	10.689	128	30317	0.713	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	20504	0.791	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	21767	0.907	ng/ul#	100
10) Acenaphthylene	14.192	152	32923	0.853	ng/ul	99
11) Acenaphthene	14.539	153	22129	0.713	ng/ul	100
12) Fluorene	15.524	166	25256	0.742	ng/ul	100
14) Pentachlorophenol	16.871	266	1788	0.543	ng/ul	90
15) Phenanthrene	17.255	178	40012	0.711	ng/ul	99
16) Anthracene	17.348	178	37989	0.827	ng/ul	98
19) Fluoranthene	19.271	202	45392	0.823	ng/ul	100
20) Pyrene	19.634	202	45376	0.824	ng/ul	100
21) Benzo(a)anthracene	21.385	228	36424	0.809	ng/ul	99
22) Chrysene	21.438	228	36704	0.692	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	32294	0.657	ng/ul	90
25) Benzo(k)fluoranthene	23.080	252	31304	0.661	ng/ul	96
26) Benzo(a)pyrene	23.639	252	30358	0.725	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.148	276	31645	0.606	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.164	278	25905	0.593	ng/ul#	79
29) Benzo(g,h,i)perylene	26.885	276	27104	0.567	ng/ul	97

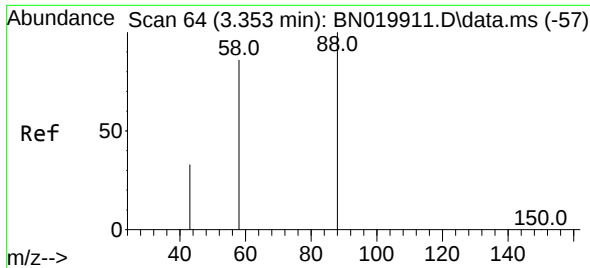
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
Data File : BN019912.D
Acq On : 23 May 2022 12:56
Operator : CG/JU
Sample : SST0.840
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

Quant Time: May 23 13:52:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 13:50:36 2022
Response via : Initial Calibration

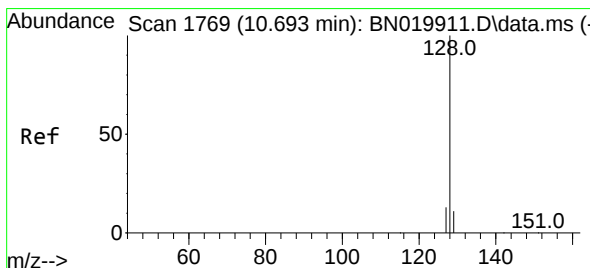
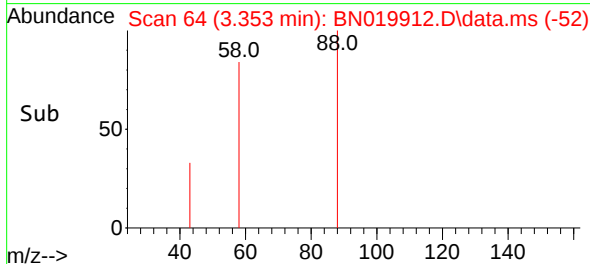
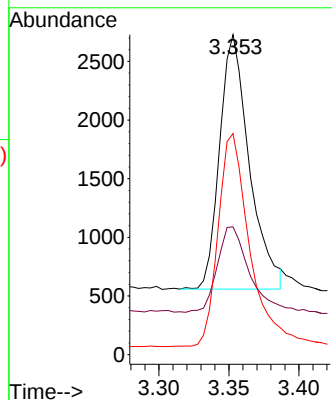
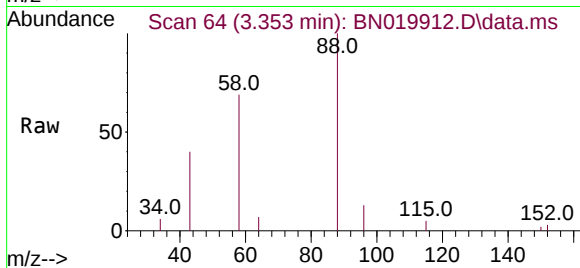




#2
 1,4-Dioxane
 Concen: 0.665 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019912.D
 Acq: 23 May 2022 12:56

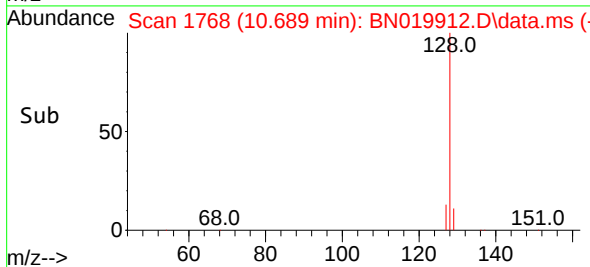
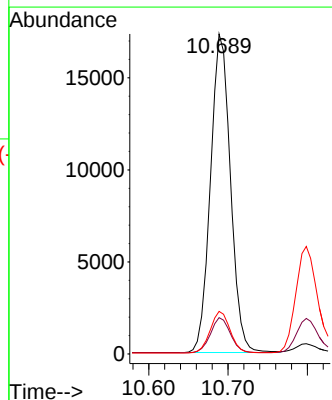
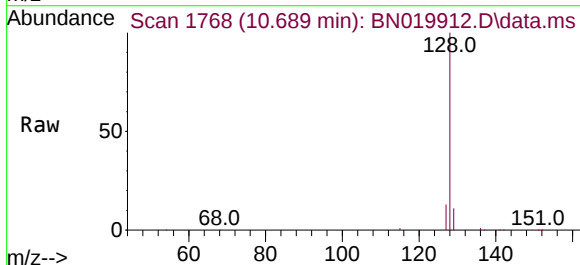
Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

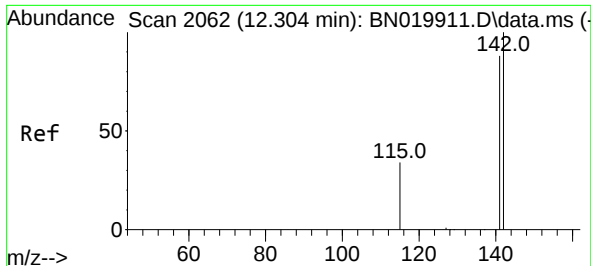
Tgt Ion: 88 Resp: 3194
 Ion Ratio Lower Upper
 88 100
 43 40.0 39.0 58.4
 58 69.1 39.8 59.8#



#5
 Naphthalene
 Concen: 0.713 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019912.D
 Acq: 23 May 2022 12:56

Tgt Ion: 128 Resp: 30317
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.3 11.0 16.4

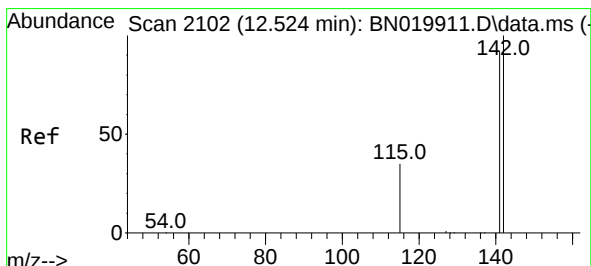
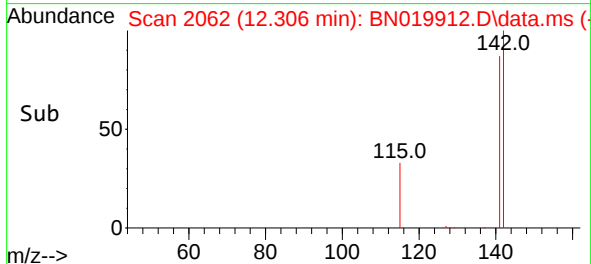
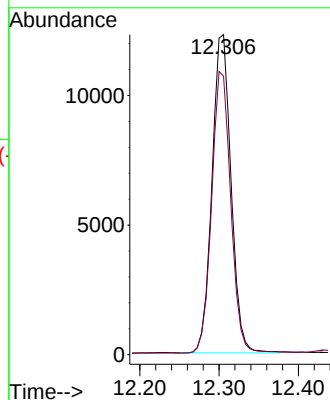
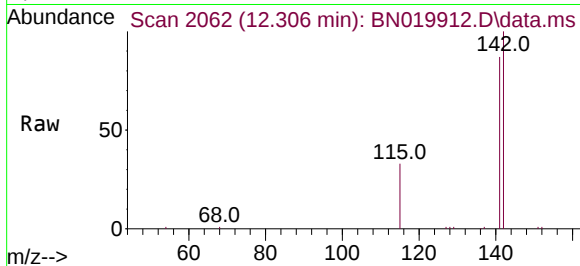




#7
2-Methylnaphthalene
Concen: 0.791 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

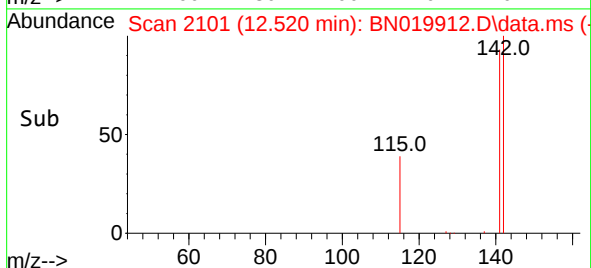
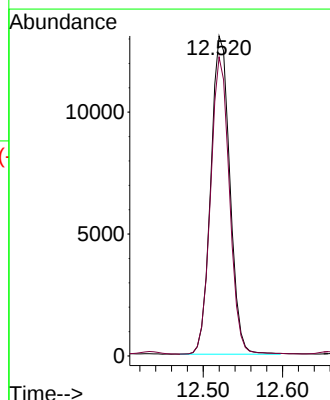
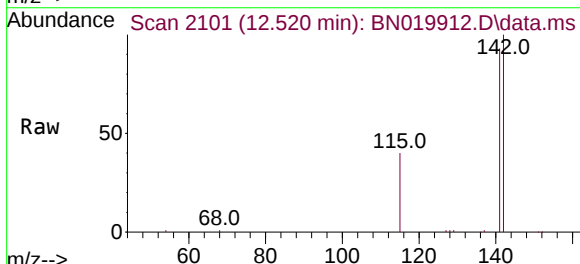
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

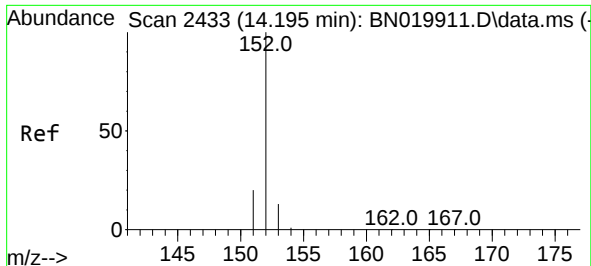
Tgt Ion:142 Resp: 20504
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.907 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:142 Resp: 21767
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

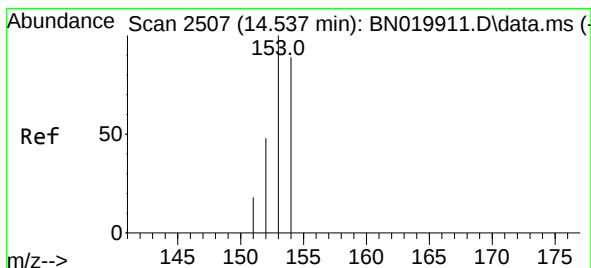
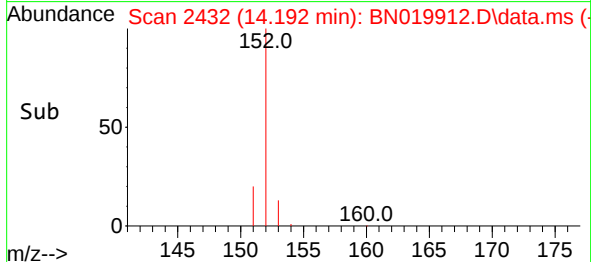
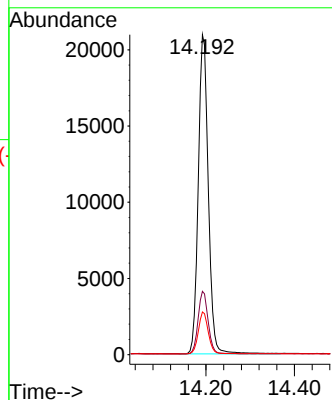
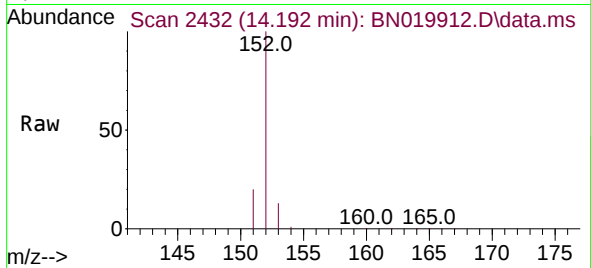




#10
Acenaphthylene
Concen: 0.853 ng/ul
RT: 14.192 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

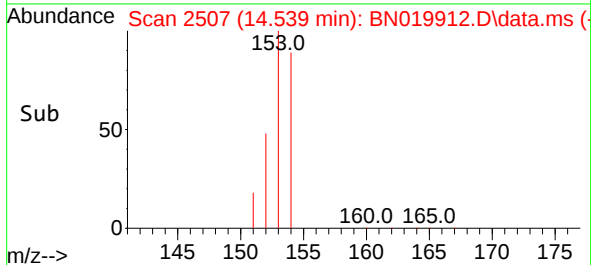
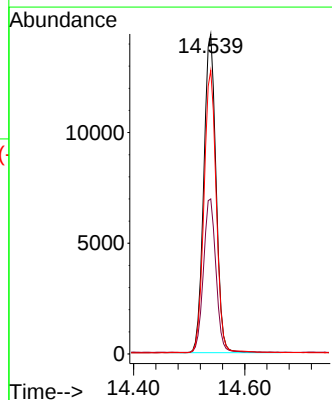
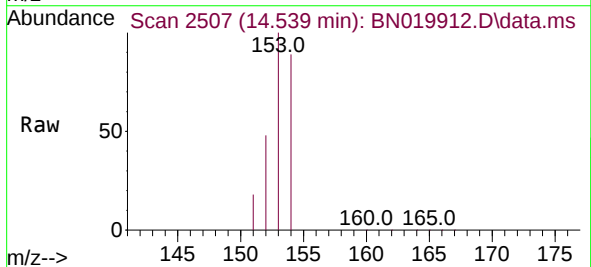
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

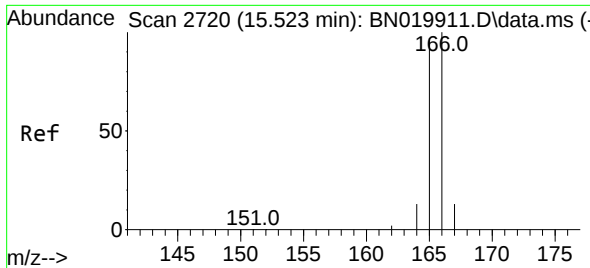
Tgt Ion:152 Resp: 32923
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.713 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.001 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:153 Resp: 22129
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 88.6 71.2 106.8

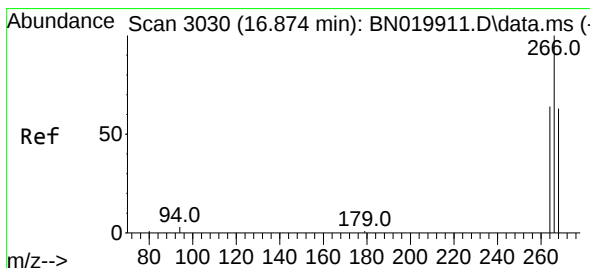
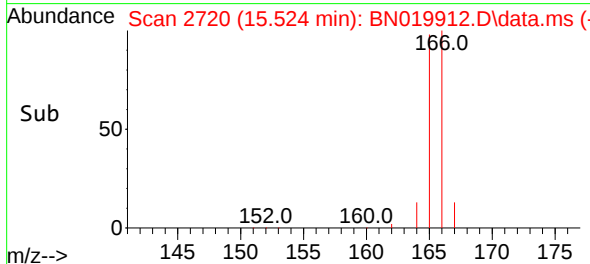
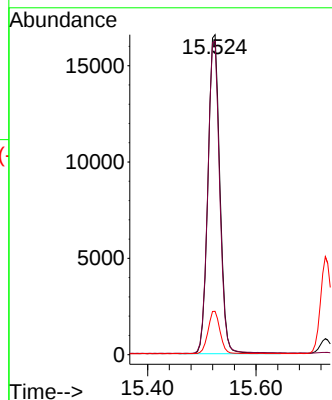
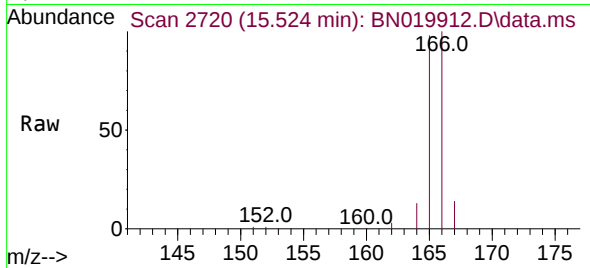




#12
Fluorene
Concen: 0.742 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

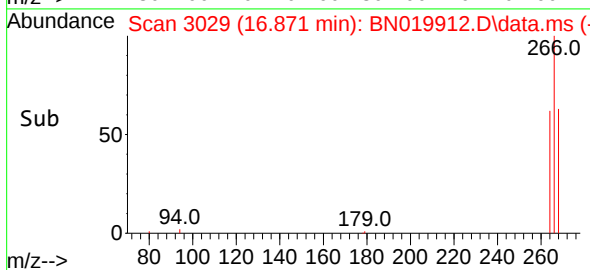
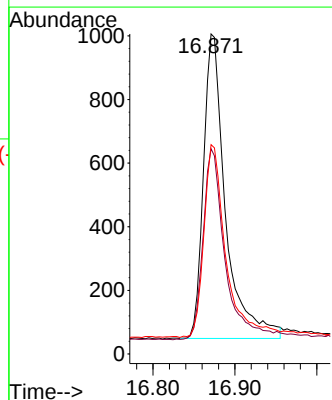
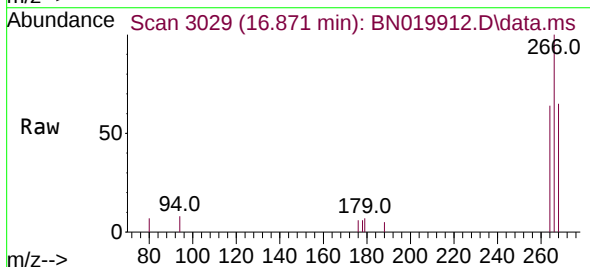
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

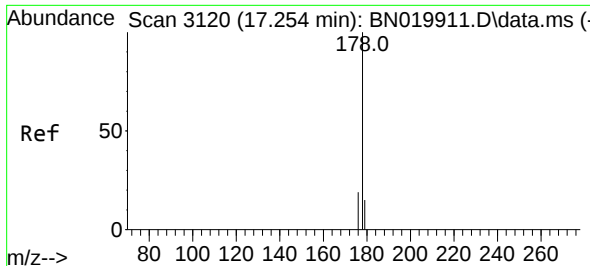
Tgt Ion:166 Resp: 25256
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.543 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:266 Resp: 1788
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 63.6 44.6 67.0

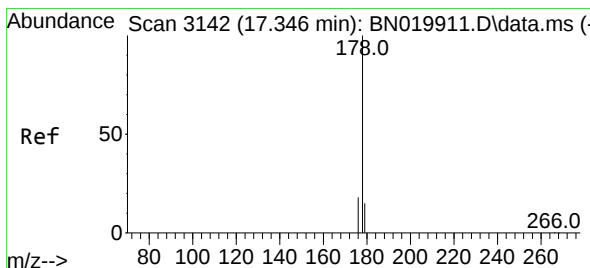
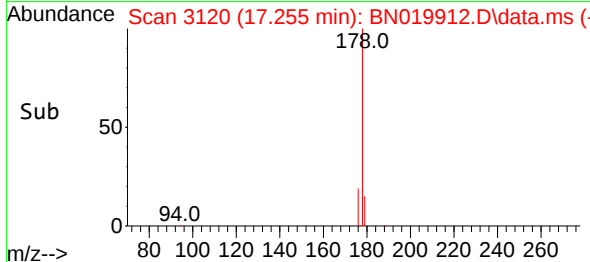
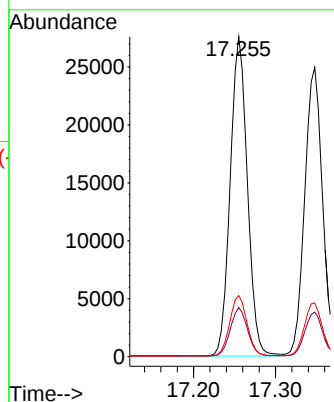
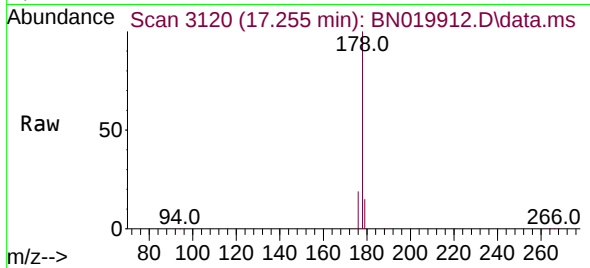




#15
Phenanthrene
Concen: 0.711 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

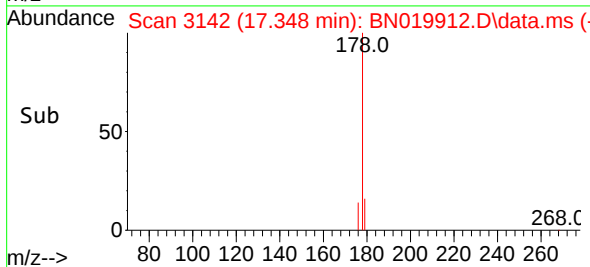
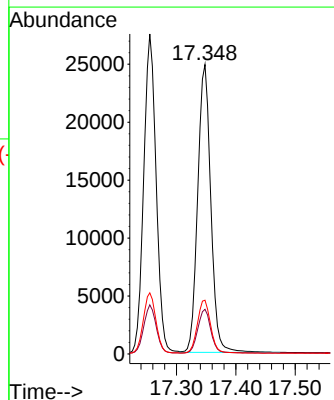
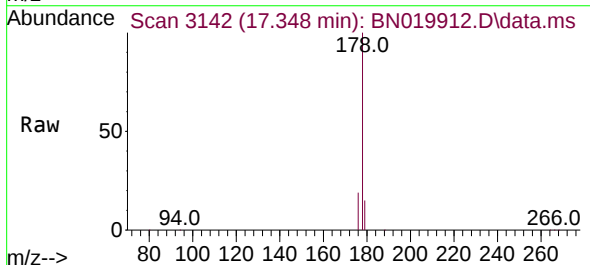
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

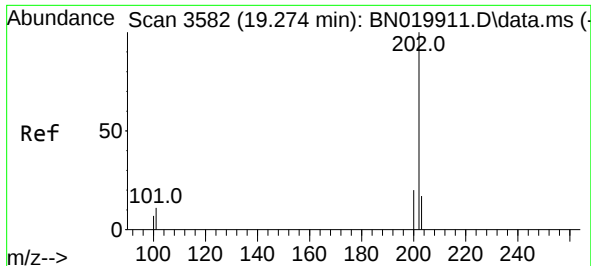
Tgt Ion:178 Resp: 40012
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.827 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:178 Resp: 37989
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.6 15.3 22.9

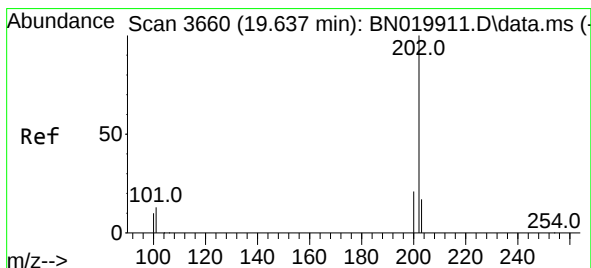
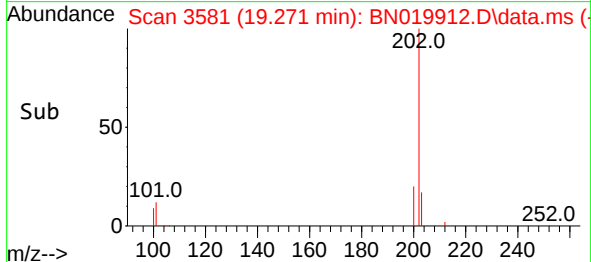
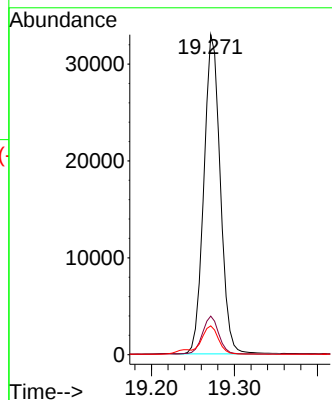
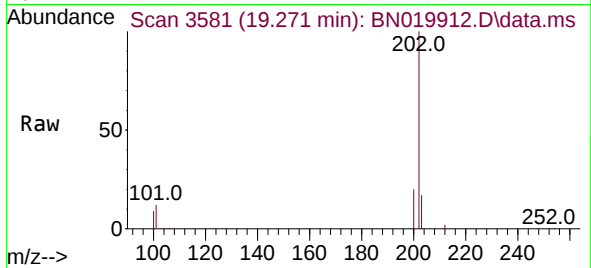




#19
Fluoranthene
Concen: 0.823 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

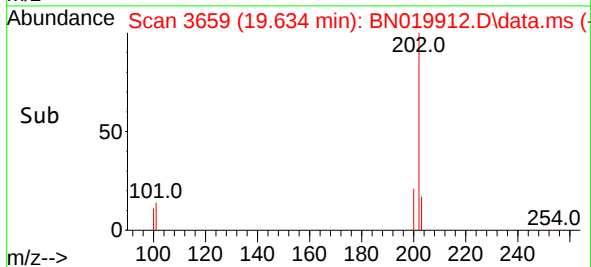
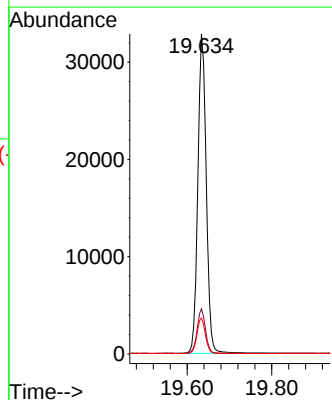
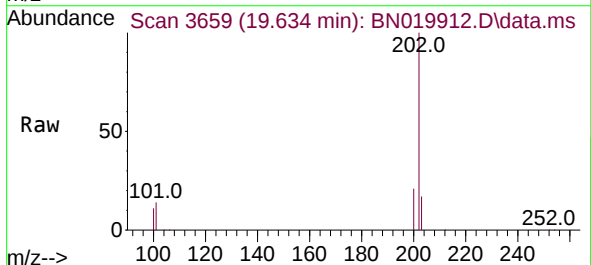
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

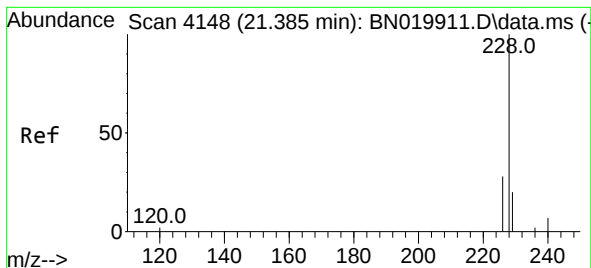
Tgt Ion:202 Resp: 45392
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.824 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:202 Resp: 45376
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.3 9.0 13.4





#21

Benzo(a)anthracene

Concen: 0.809 ng/ul

RT: 21.385 min Scan# 4148

Delta R.T. 0.000 min

Lab File: BN019912.D

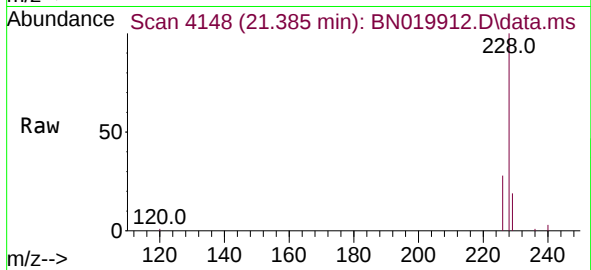
Acq: 23 May 2022 12:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.8240



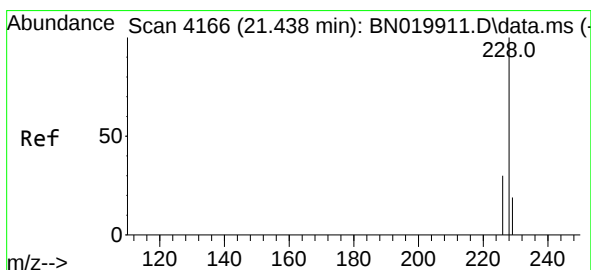
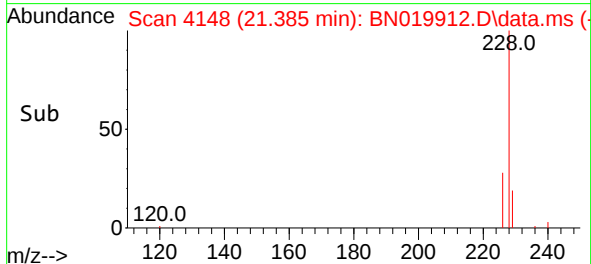
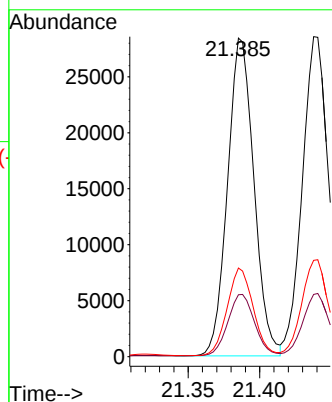
Tgt Ion:228 Resp: 36424

Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

226 27.8 22.1 33.1



#22

Chrysene

Concen: 0.692 ng/ul

RT: 21.438 min Scan# 4166

Delta R.T. 0.000 min

Lab File: BN019912.D

Acq: 23 May 2022 12:56

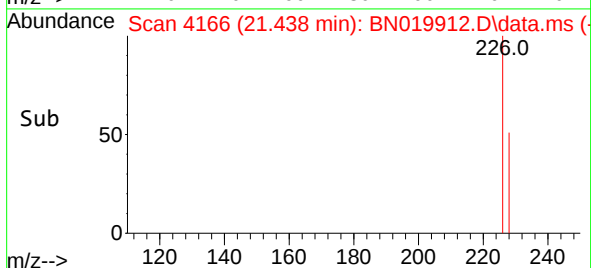
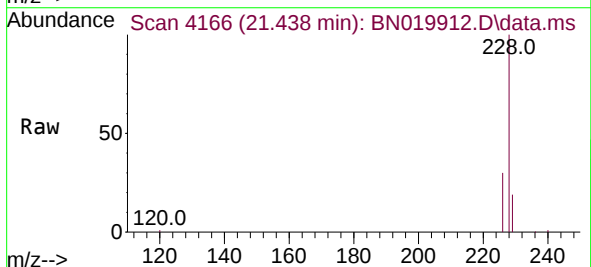
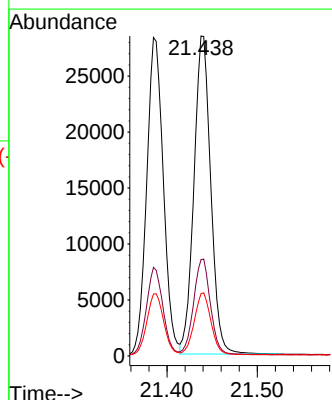
Tgt Ion:228 Resp: 36704

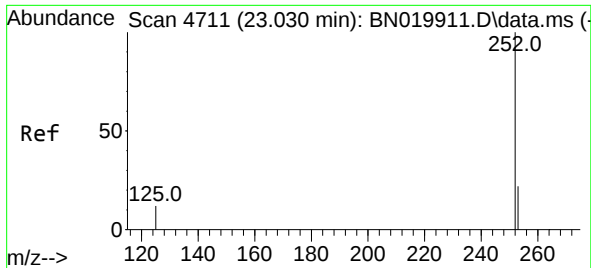
Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.4 16.0 24.0

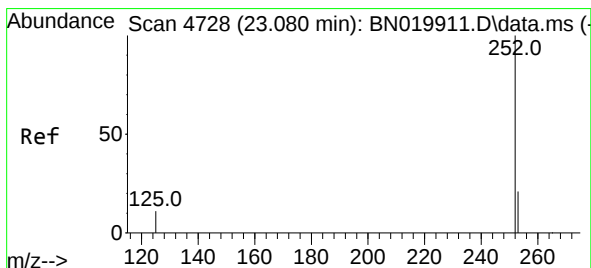
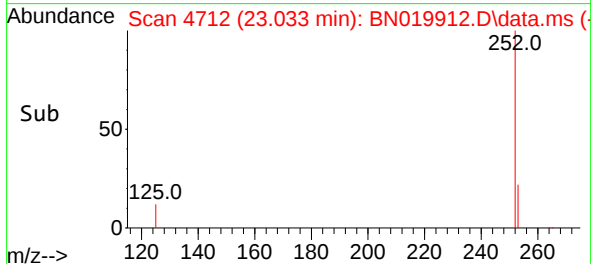
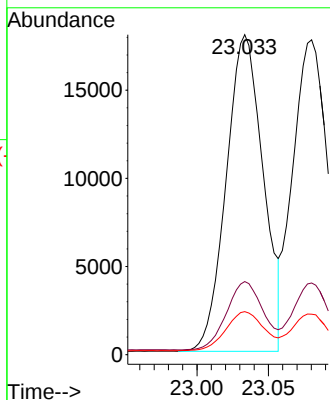
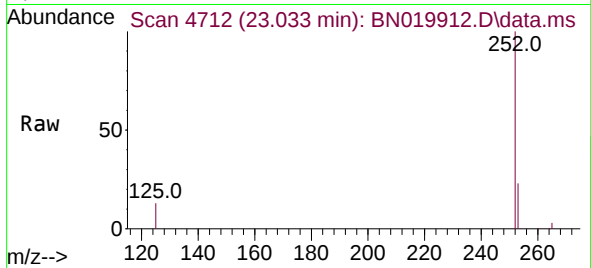




#24
Benzo(b)fluoranthene
Concen: 0.657 ng/ul
RT: 23.033 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

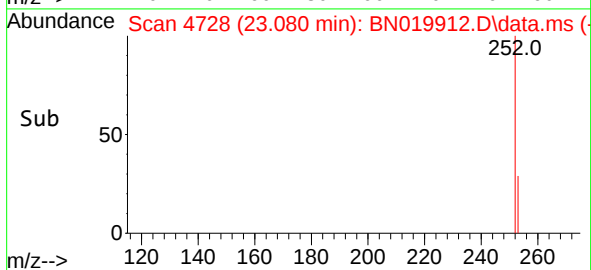
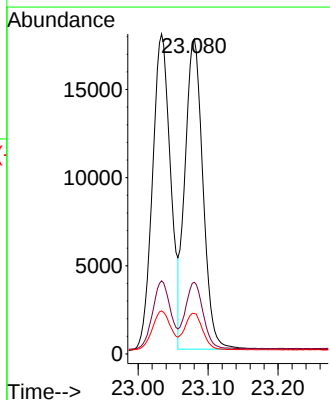
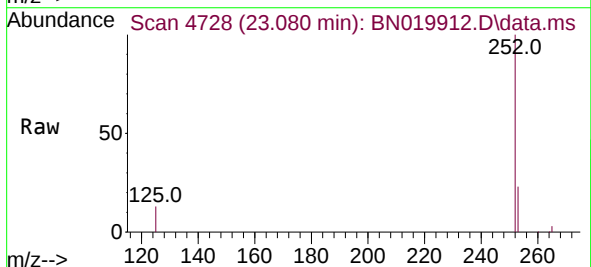
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

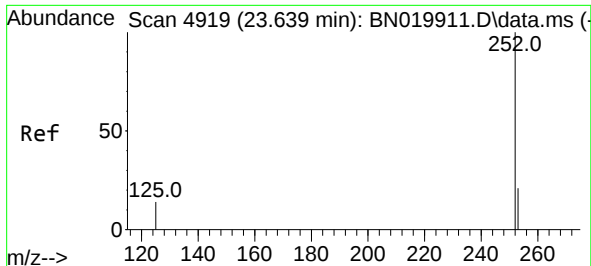
Tgt Ion:252 Resp: 32294
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.0
125 13.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.661 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:252 Resp: 31304
Ion Ratio Lower Upper
252 100
253 22.8 20.2 30.2
125 12.8 11.0 16.6

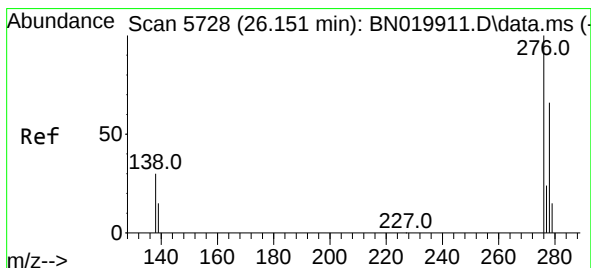
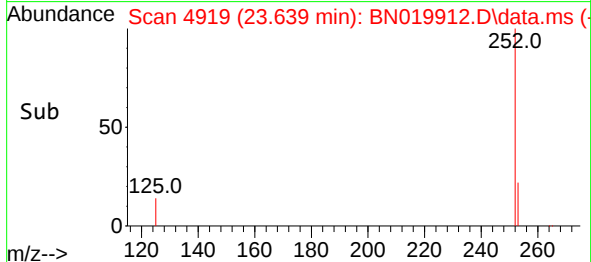
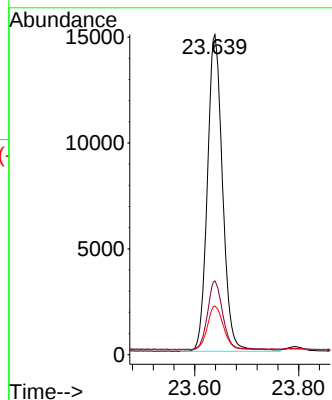
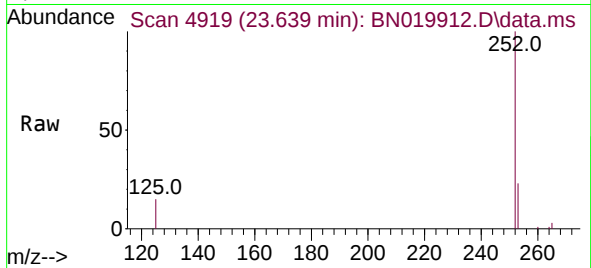




#26
Benzo(a)pyrene
Concen: 0.725 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. 0.000 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

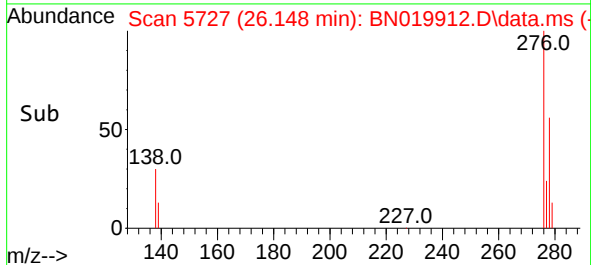
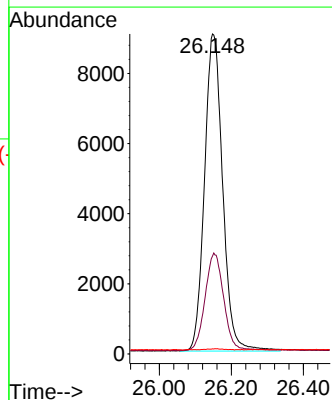
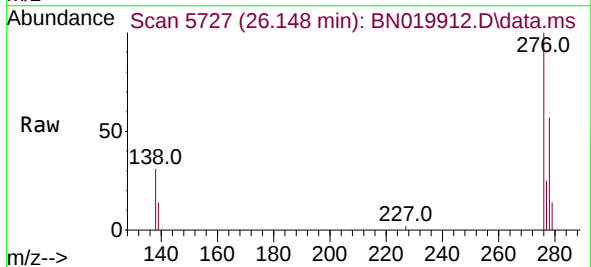
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

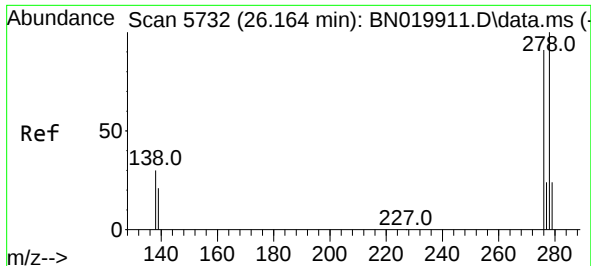
Tgt Ion:252 Resp: 30358
Ion Ratio Lower Upper
252 100
253 23.0 23.4 35.0#
125 15.2 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.606 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. -0.003 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:276 Resp: 31645
Ion Ratio Lower Upper
276 100
138 31.4 23.6 35.4
227 0.2 0.0 0.0#

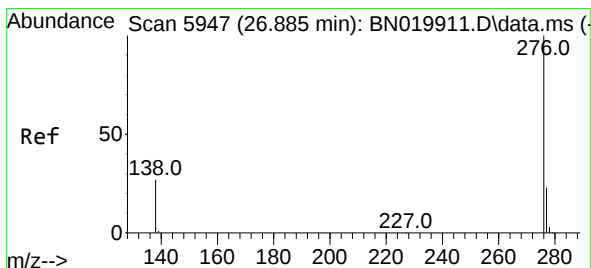
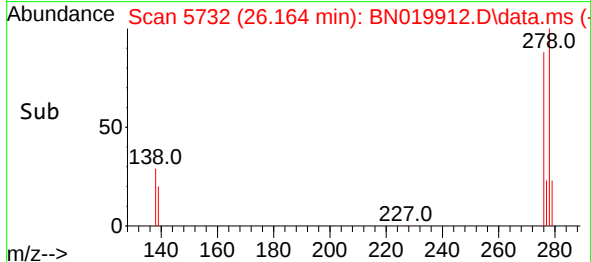
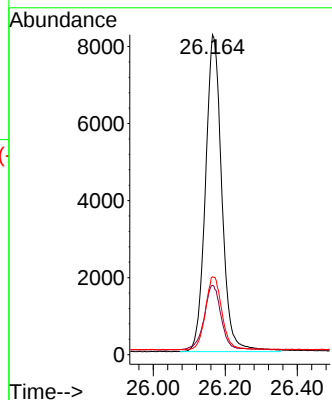
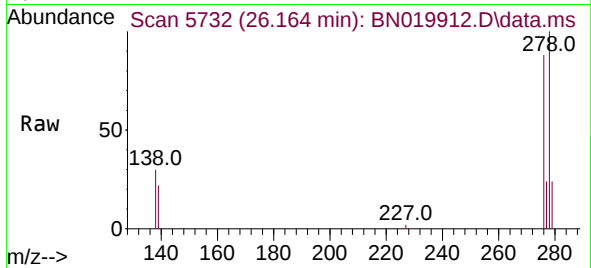




#28
Dibenzo(a,h)anthracene
Concen: 0.593 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

Tgt Ion:278 Resp: 25905
Ion Ratio Lower Upper
278 100
139 21.7 18.6 28.0
279 24.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.567 ng/ul
RT: 26.885 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BN019912.D
Acq: 23 May 2022 12:56

Tgt Ion:276 Resp: 27104
Ion Ratio Lower Upper
276 100
138 27.9 20.9 31.3
277 24.7 20.4 30.6

