

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033982.D
 Acq On : 16 Sep 2024 10:27
 Operator : JU/RC
 Sample : PB163401BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS401

Quant Time: Sep 16 10:58:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

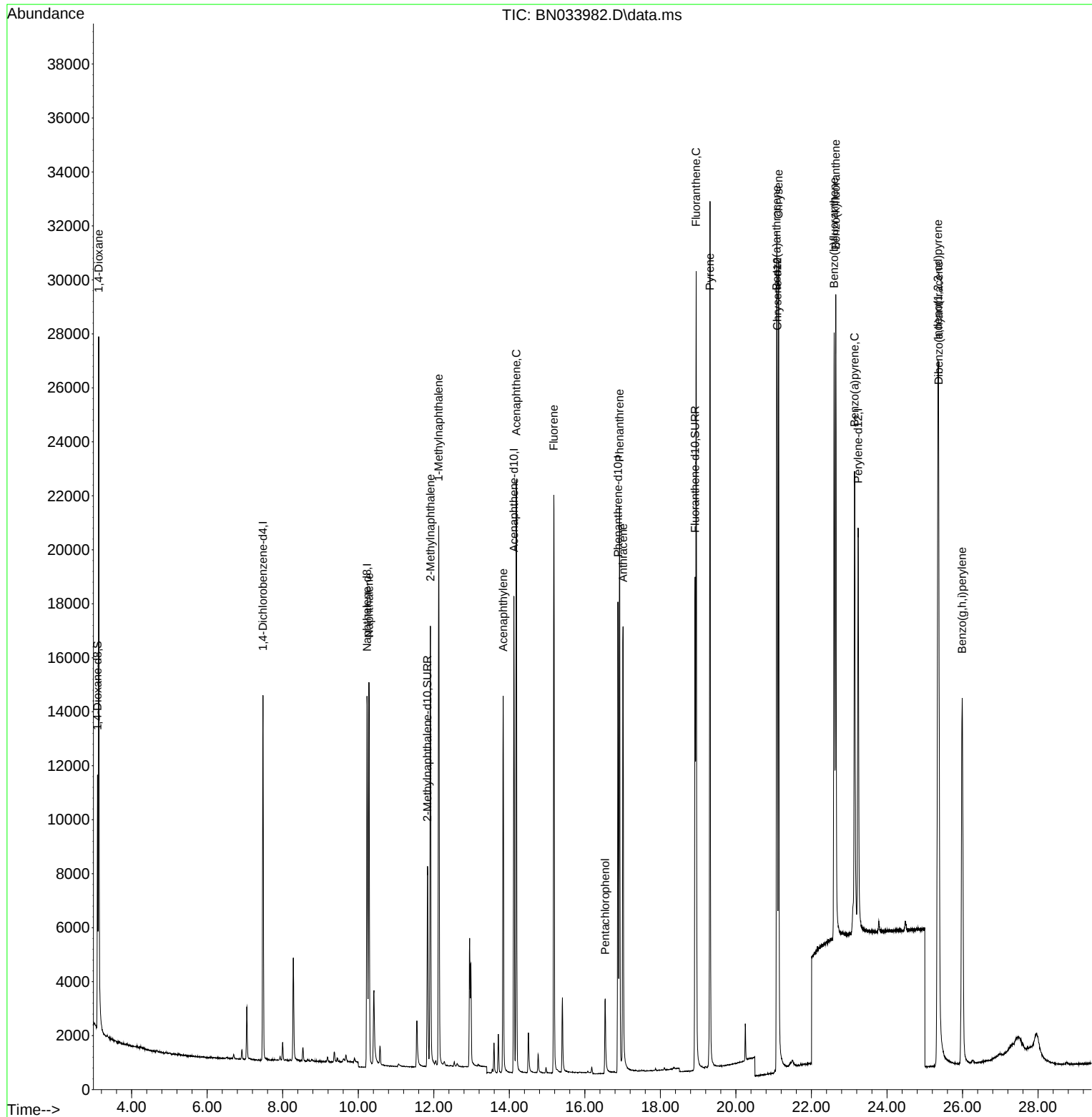
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	6563	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	18829	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.123	164	9787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.877	188	20568	0.400	ng/ul	0.00
17) Chrysene-d12	21.094	240	17763	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	19932	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	5215	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	10353	0.383	ng/ul	-0.01
18) Fluoranthene-d10	18.920	212	20811	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	15140	2.022	ng/ul#	78
5) Naphthalene	10.283	128	19088	0.379	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	12047	0.378	ng/ul	100
8) 1-Methylnaphthalene	12.130	142	14454	0.440	ng/ul	99
10) Acenaphthylene	13.837	152	15961	0.359	ng/ul	100
11) Acenaphthene	14.184	153	12926	0.403	ng/ul	99
12) Fluorene	15.178	166	13898	0.388	ng/ul	99
14) Pentachlorophenol	16.539	266	2442	0.377	ng/ul	100
15) Phenanthrene	16.919	178	22253	0.367	ng/ul	99
16) Anthracene	17.012	178	19446	0.357	ng/ul	100
19) Fluoranthene	18.948	202	25588	0.365	ng/ul	99
20) Pyrene	19.315	202	26905	0.362	ng/ul	99
21) Benzo(a)anthracene	21.080	228	24488	0.350	ng/ul	99
22) Chrysene	21.132	228	27310	0.387	ng/ul	99
24) Benzo(b)fluoranthene	22.602	252	27294	0.353	ng/ul	95
25) Benzo(k)fluoranthene	22.646	252	29020	0.375	ng/ul#	94
26) Benzo(a)pyrene	23.143	252	25285	0.407	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.351	276	34451	0.369	ng/ul	100
28) Dibenzo(a,h)anthracene	25.368	278	26671	0.368	ng/ul	97
29) Benzo(g,h,i)perylene	25.991	276	27703	0.380	ng/ul	97

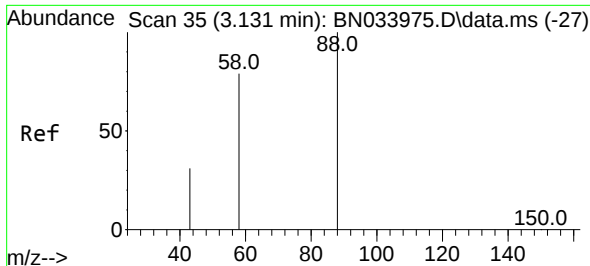
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.022 ng/ul

RT: 3.126 min Scan# 34

Delta R.T. -0.009 min

Lab File: BN033982.D

Acq: 16 Sep 2024 10:27

Instrument :

BNA_N

ClientSampleId :

SLCS401

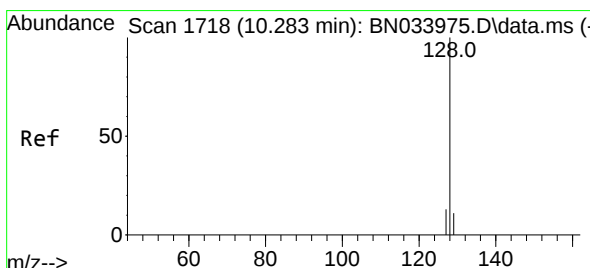
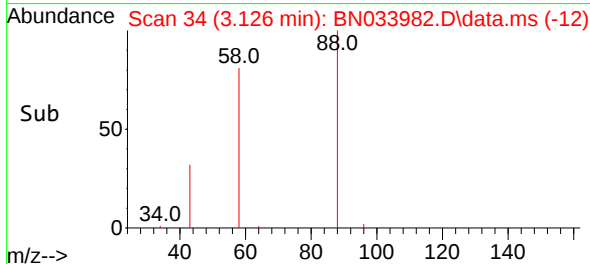
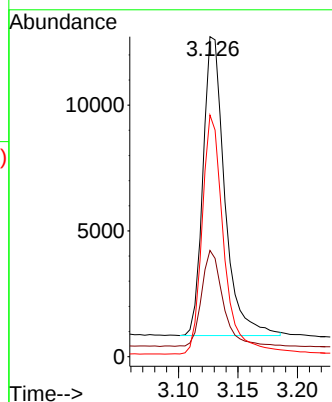
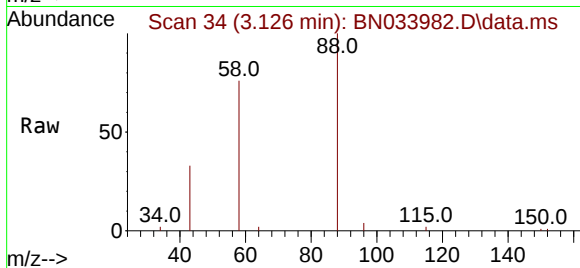
Tgt Ion: 88 Resp: 15140

Ion Ratio Lower Upper

88 100

43 33.2 47.0 70.4#

58 75.5 53.0 79.4



#5

Naphthalene

Concen: 0.379 ng/ul

RT: 10.283 min Scan# 1718

Delta R.T. -0.011 min

Lab File: BN033982.D

Acq: 16 Sep 2024 10:27

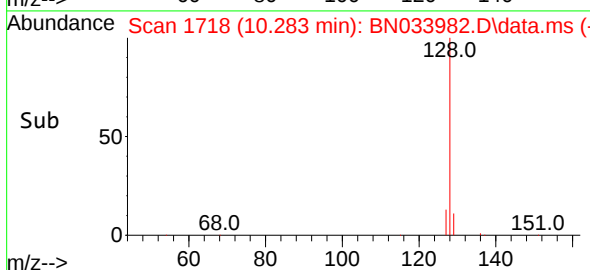
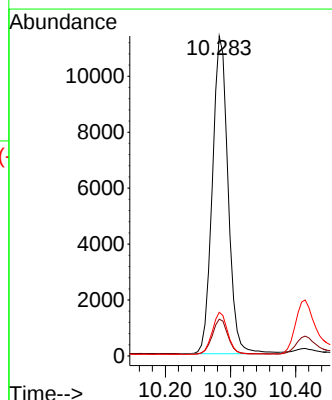
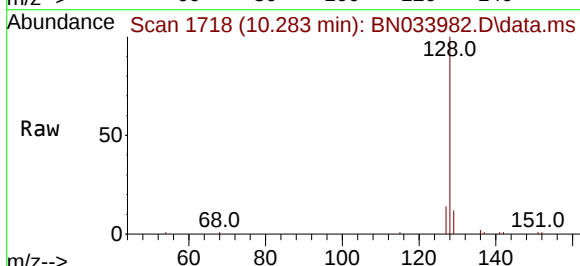
Tgt Ion:128 Resp: 19088

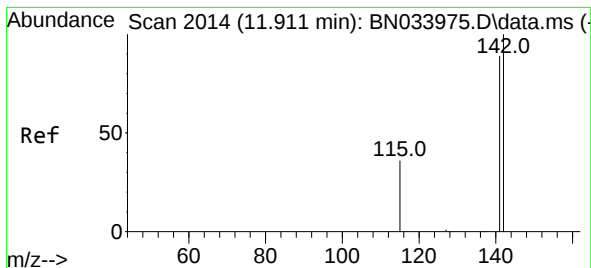
Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

127 13.6 10.8 16.2

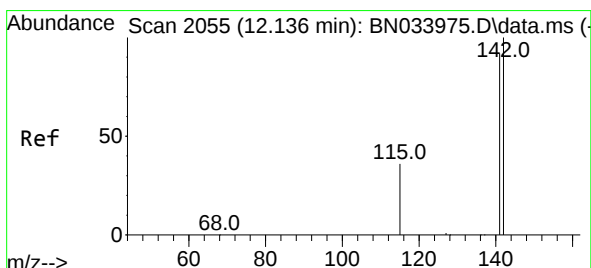
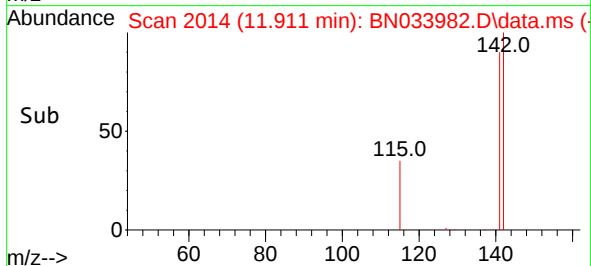
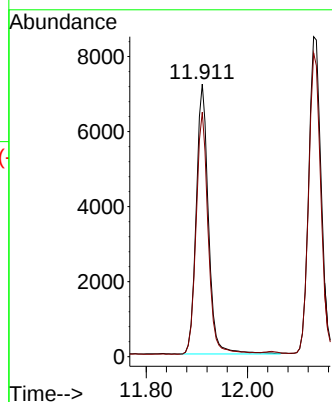
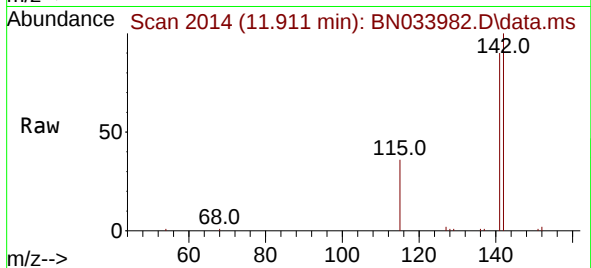




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

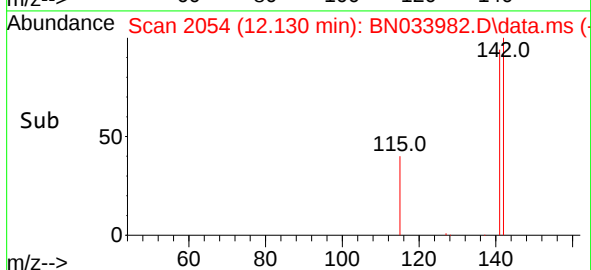
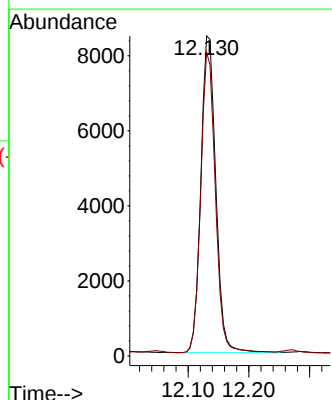
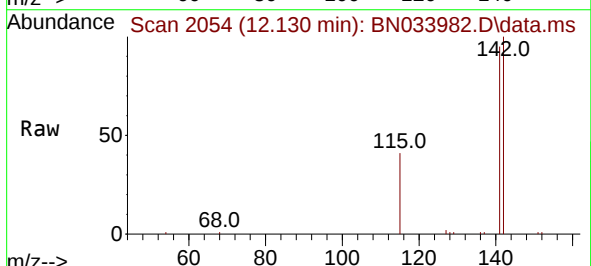
Instrument :
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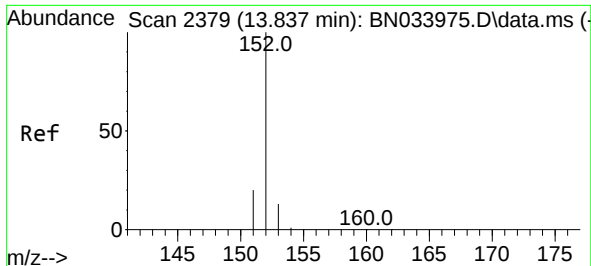
Tgt Ion:142 Resp: 12047
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:142 Resp: 14454
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4

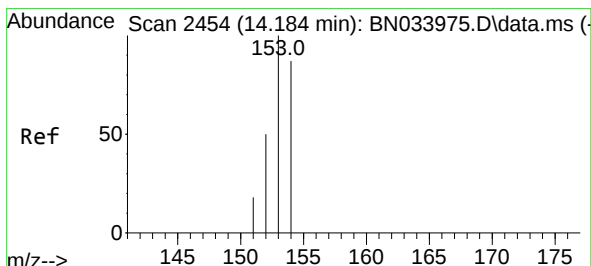
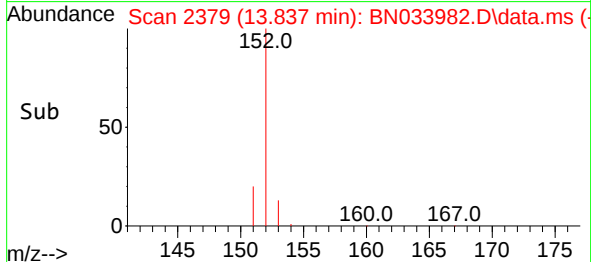
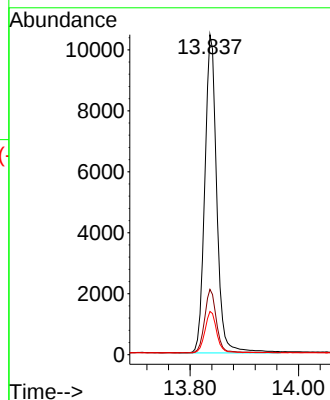
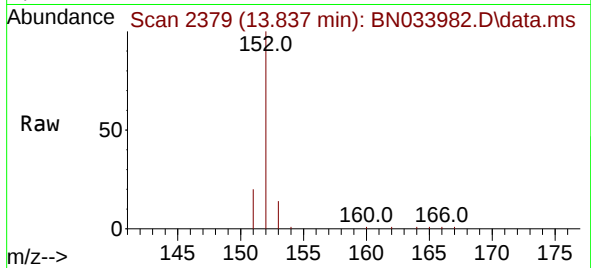




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 13.837 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

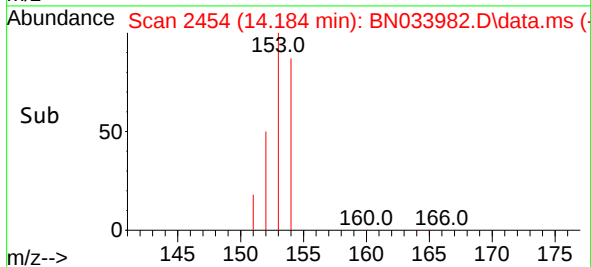
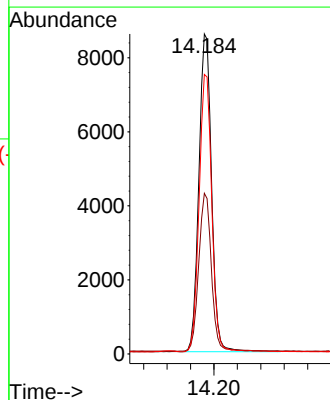
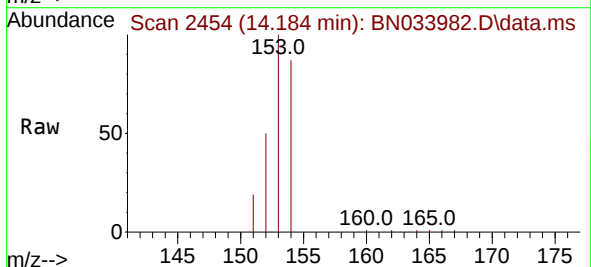
Instrument :
BNA_N
ClientSampleId :
SLCS401

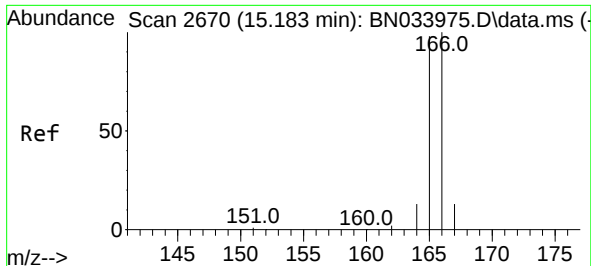
Tgt Ion:152 Resp: 15961
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:153 Resp: 12926
Ion Ratio Lower Upper
153 100
152 50.2 39.8 59.8
154 87.4 69.0 103.6

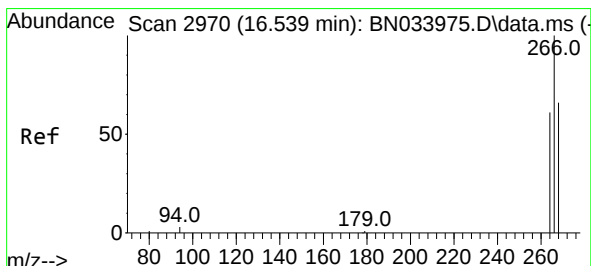
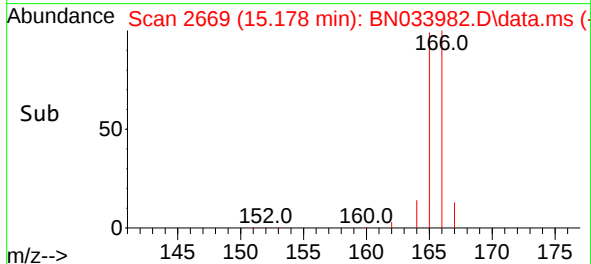
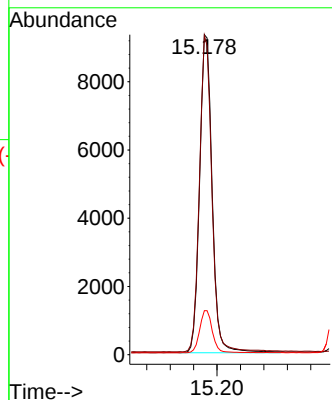
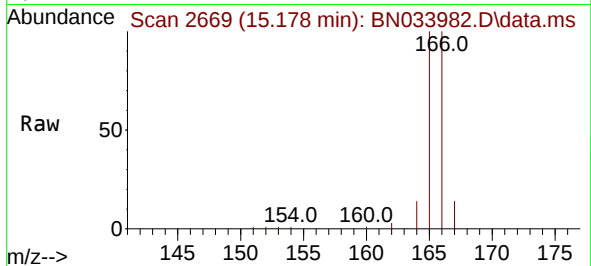




#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.178 min Scan# 2669
 Delta R.T. -0.009 min
 Lab File: BN033982.D
 Acq: 16 Sep 2024 10:27

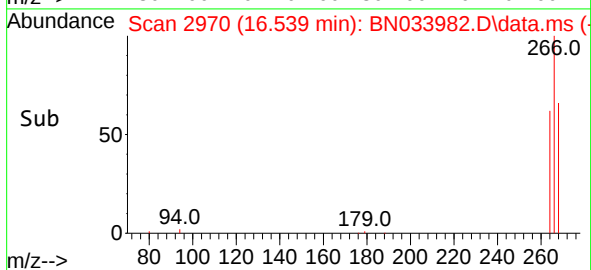
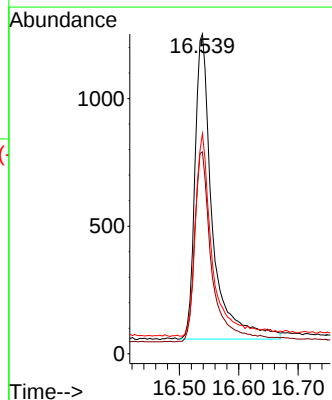
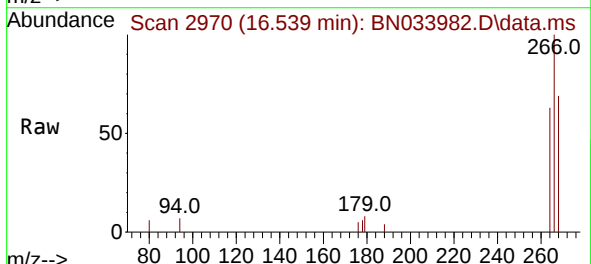
Instrument :
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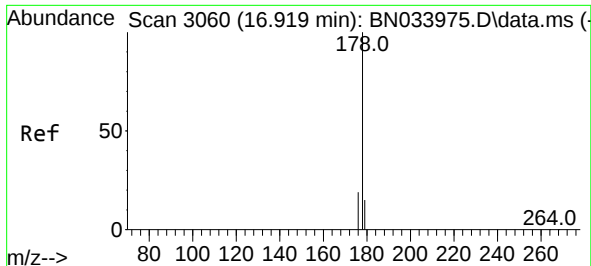
Tgt Ion:166 Resp: 13898
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.1 118.7
 167 13.8 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.377 ng/ul
 RT: 16.539 min Scan# 2970
 Delta R.T. -0.004 min
 Lab File: BN033982.D
 Acq: 16 Sep 2024 10:27

Tgt Ion:266 Resp: 2442
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.3 75.5
 268 64.5 51.7 77.5

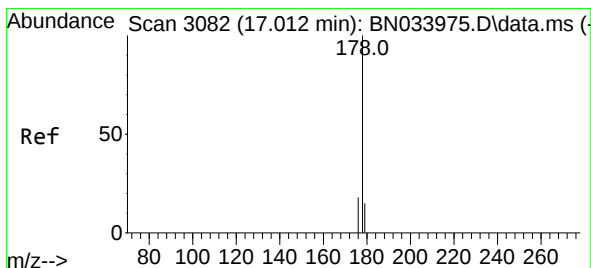
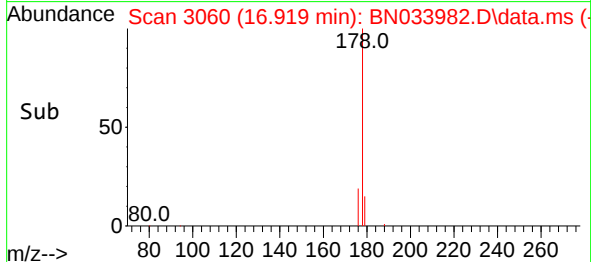
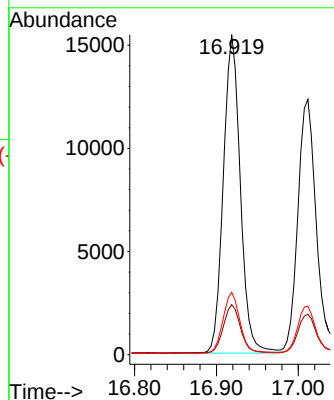
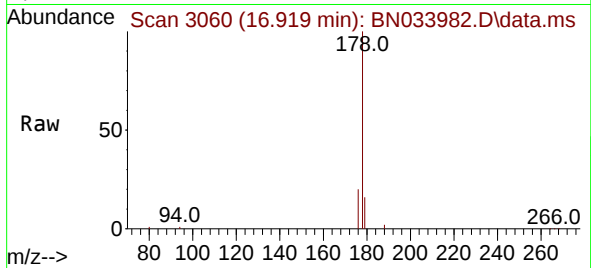




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 16.919 min Scan# 3060
Delta R.T. -0.009 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

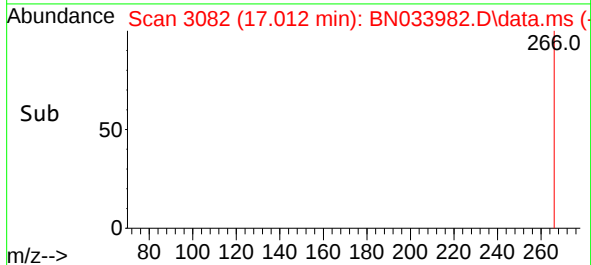
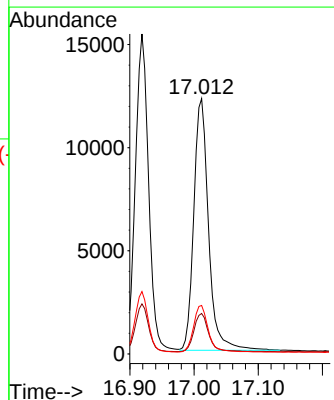
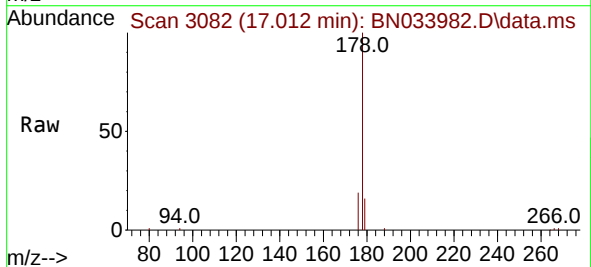
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BNA_N
ClientSampleId :
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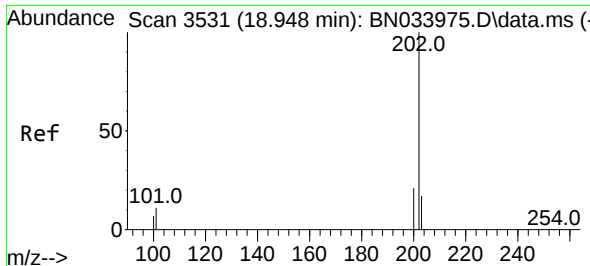
Tgt Ion:178 Resp: 22253
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.012 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:178 Resp: 19446
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.0 15.2 22.8

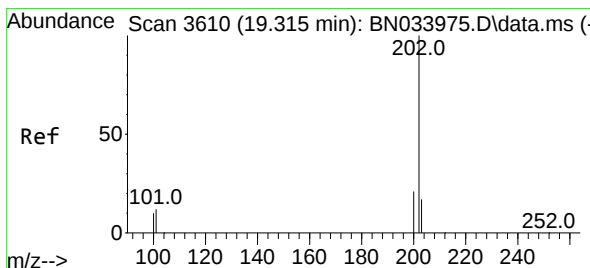
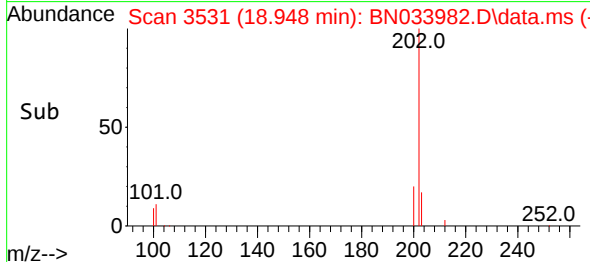
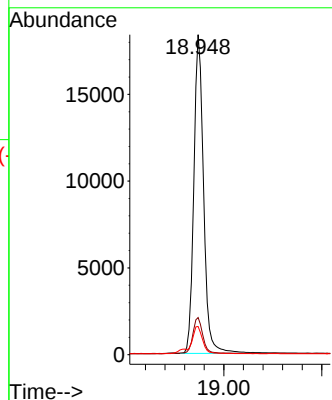
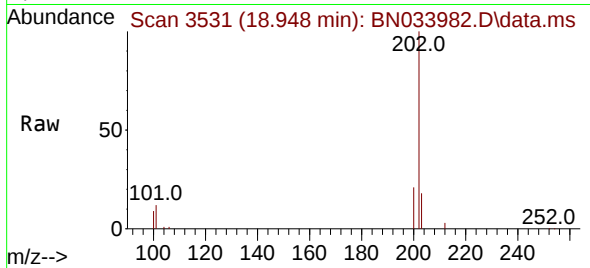




#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.010 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

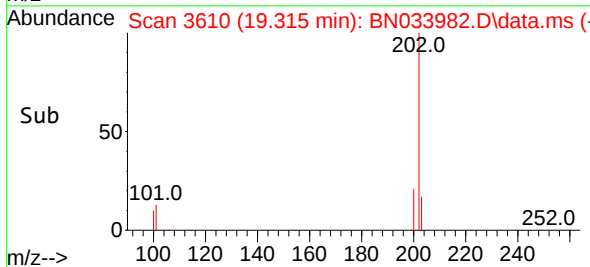
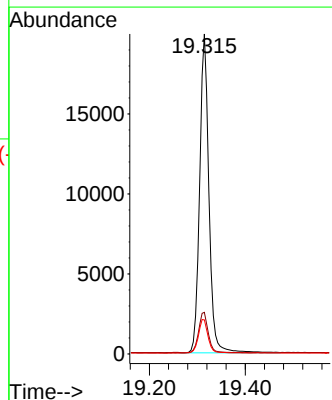
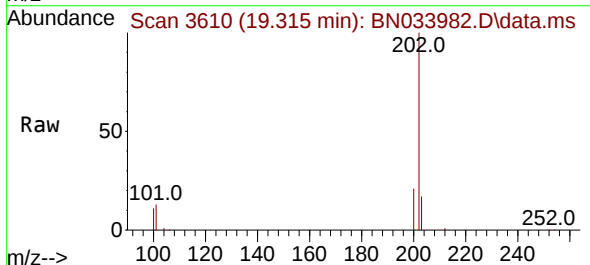
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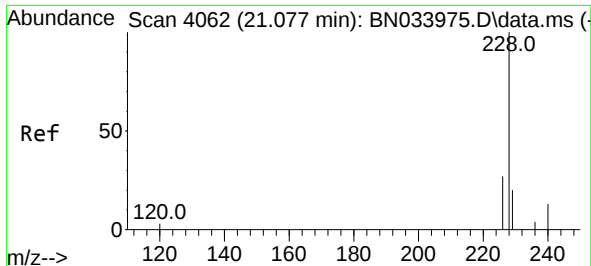
Tgt Ion:202 Resp: 25588
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:202 Resp: 26905
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 10.6 8.7 13.1

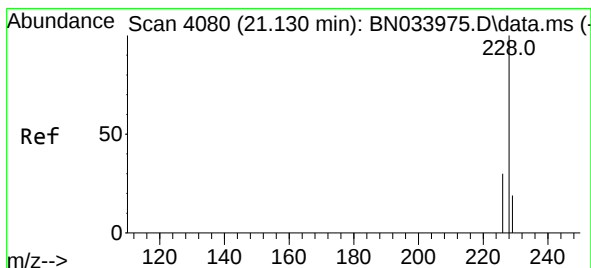
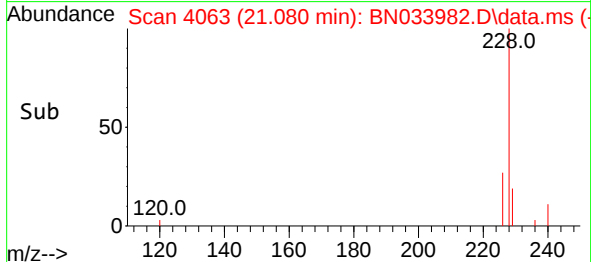
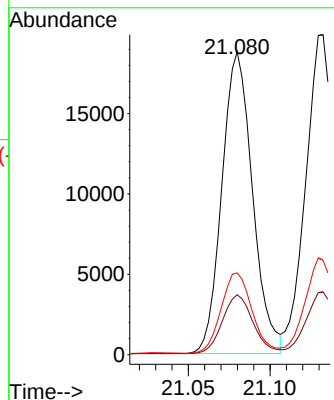
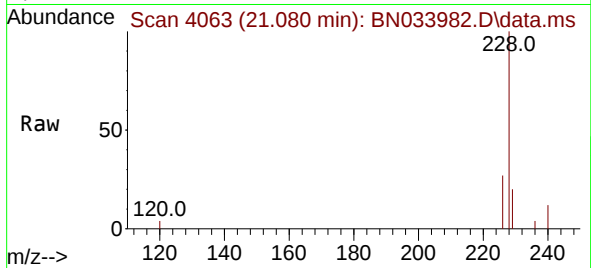




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.080 min Scan# 4062
Delta R.T. -0.006 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

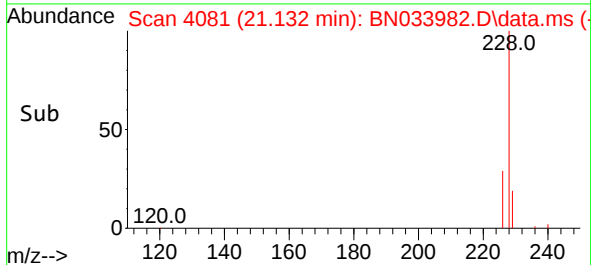
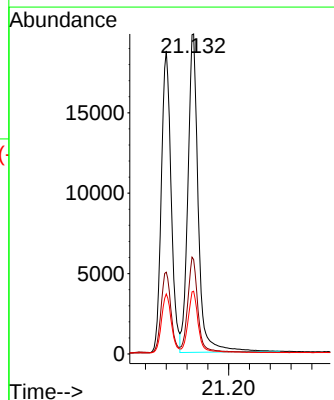
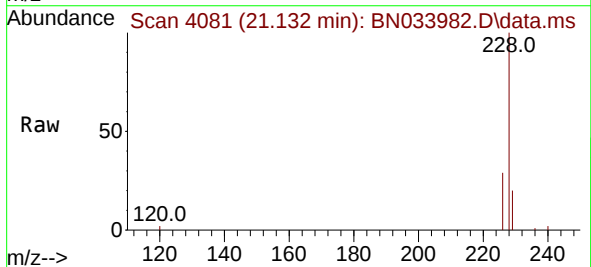
Instrument :
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ClientSampleId :
SLCS401

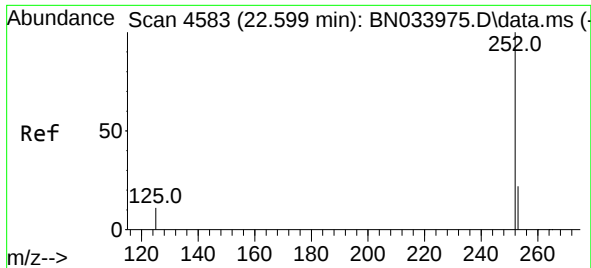
Tgt Ion:228 Resp: 24488
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.132 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

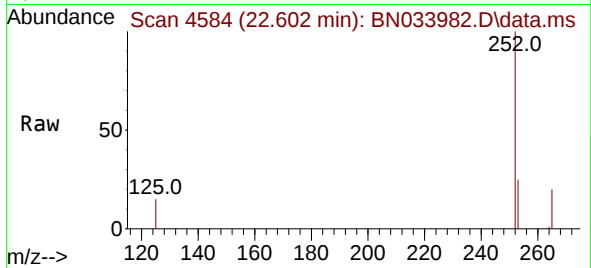
Tgt Ion:228 Resp: 27310
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.6 15.6 23.4



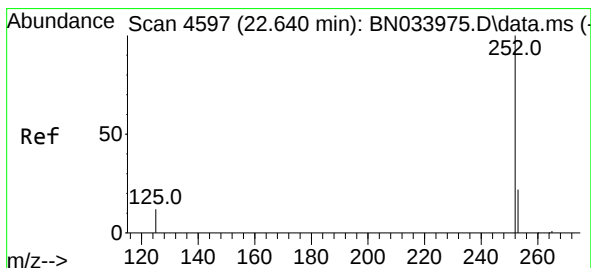
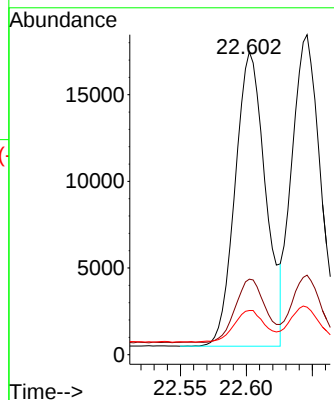


#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Instrument :
BNA_N
ClientSampleId :
SLCS401

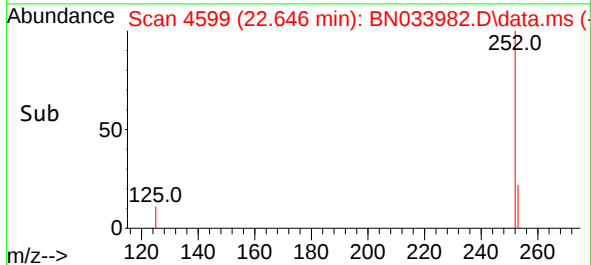
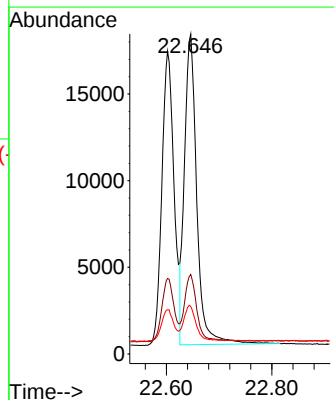
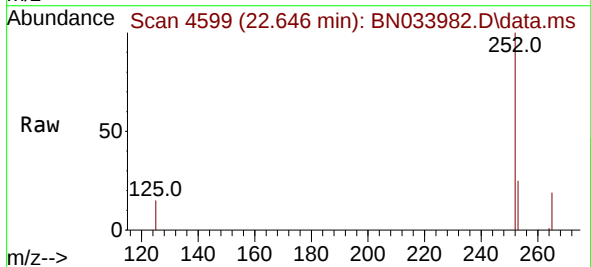


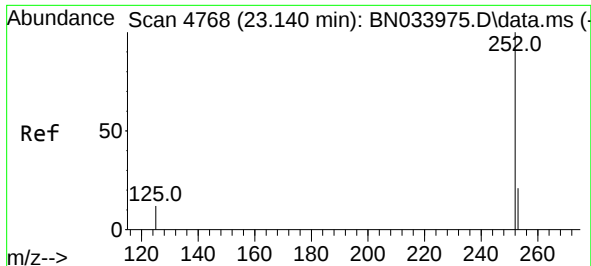
Tgt Ion:252 Resp: 27294
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 14.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:252 Resp: 29020
Ion Ratio Lower Upper
252 100
253 24.9 21.4 32.0
125 14.9 15.1 22.7#

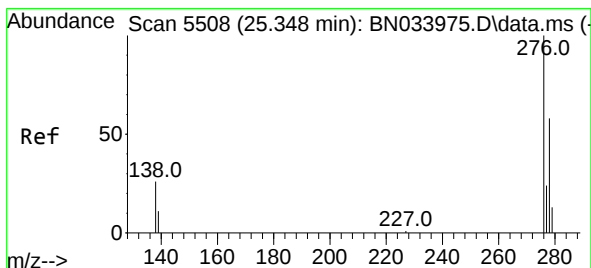
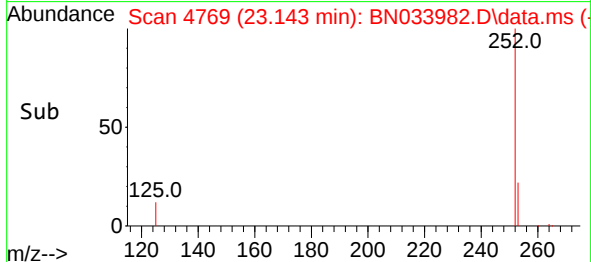
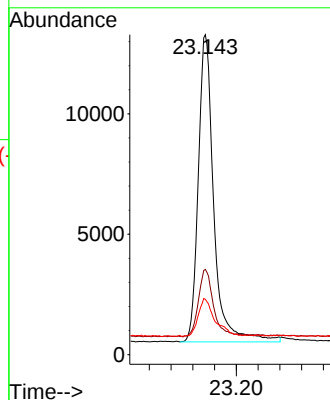
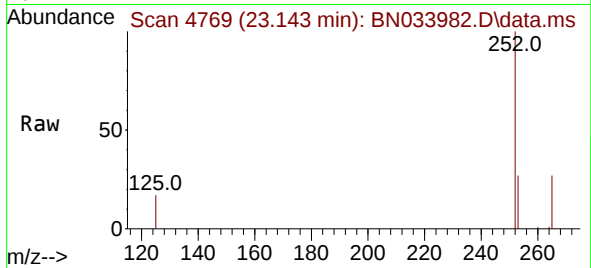




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.143 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

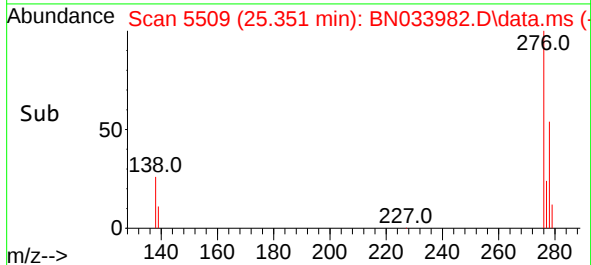
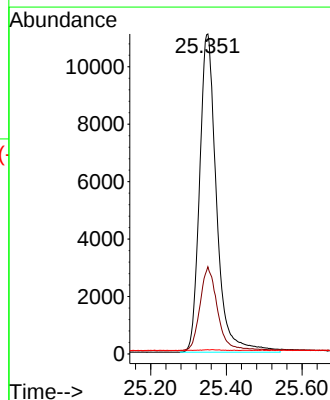
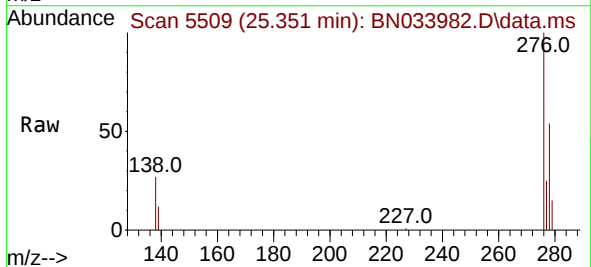
Instrument :
BNA_N
ClientSampleId :
SLCS401

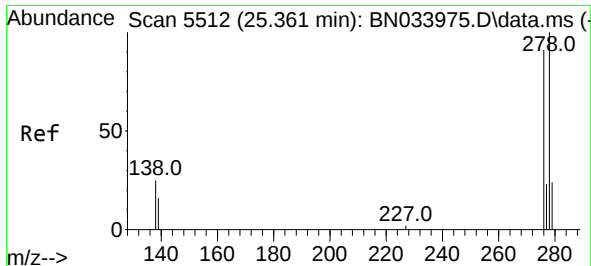
Tgt Ion:252 Resp: 25285
Ion Ratio Lower Upper
252 100
253 26.6 22.8 34.2
125 17.3 18.0 27.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.351 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BN033982.D
Acq: 16 Sep 2024 10:27

Tgt Ion:276 Resp: 34451
Ion Ratio Lower Upper
276 100
138 27.6 22.3 33.5
227 0.3 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.368 ng/ul

RT: 25.368 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN033982.D

Acq: 16 Sep 2024 10:27

Instrument :

BNA_N

ClientSampleId :

SLCS401

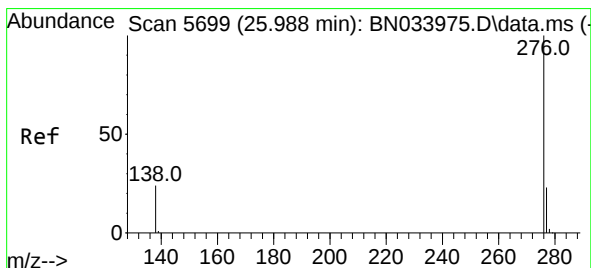
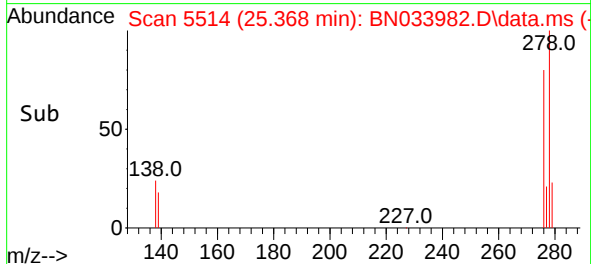
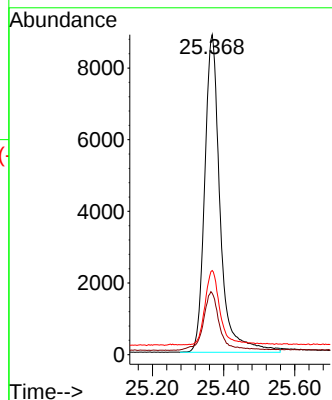
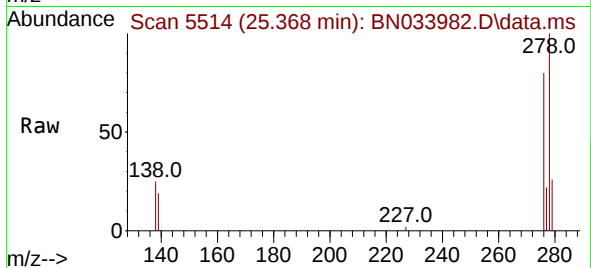
Tgt Ion:278 Resp: 26671

Ion Ratio Lower Upper

278 100

139 19.2 17.3 25.9

279 26.3 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.380 ng/ul

RT: 25.991 min Scan# 5700

Delta R.T. -0.010 min

Lab File: BN033982.D

Acq: 16 Sep 2024 10:27

Tgt Ion:276 Resp: 27703

Ion Ratio Lower Upper

276 100

138 24.7 20.8 31.2

277 24.0 20.2 30.4

