

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033946.D
 Acq On : 15 Sep 2024 11:39
 Operator : JU/RC
 Sample : PB163355BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS355

Quant Time: Sep 16 00:13:01 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)

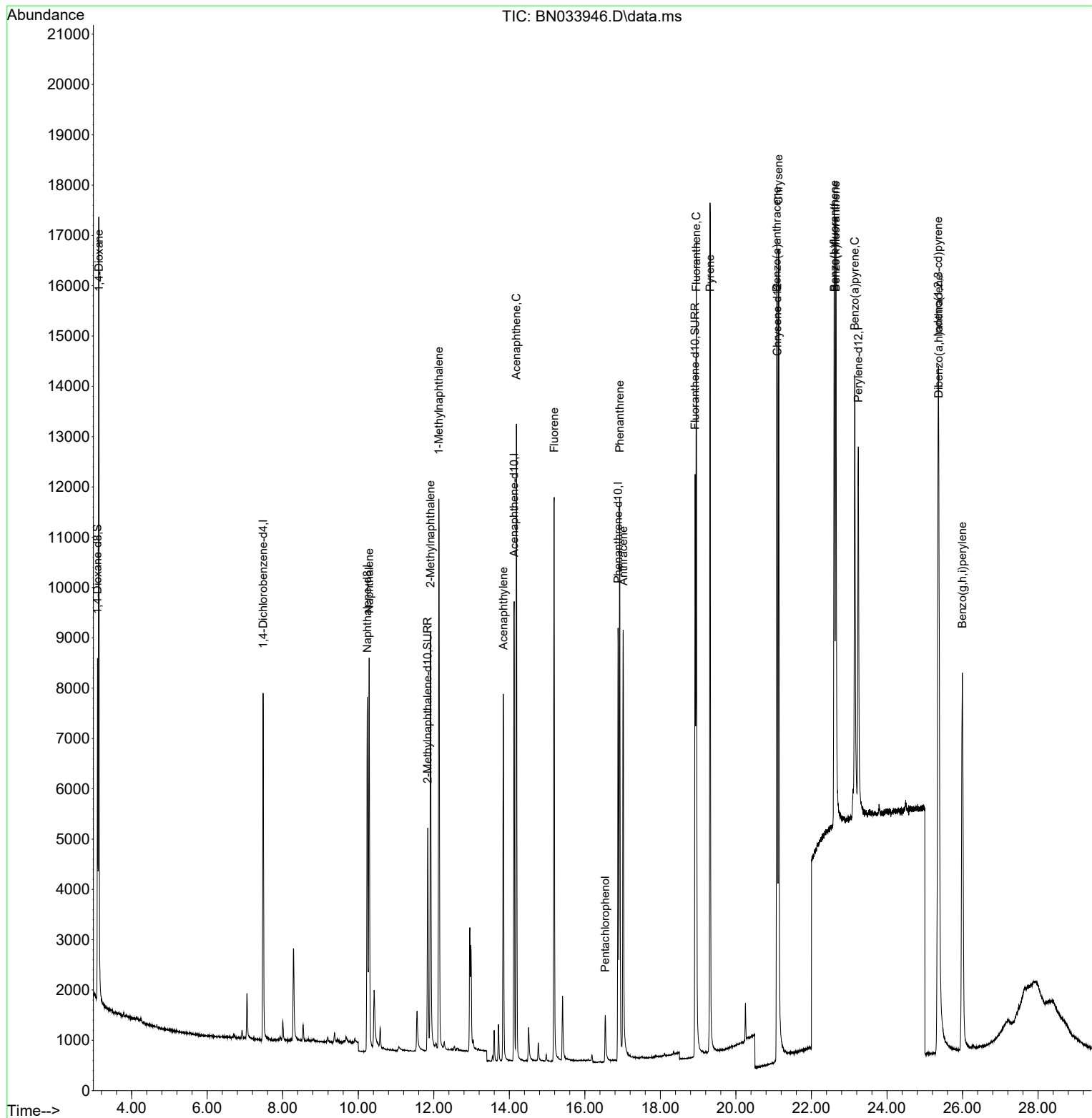
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	3608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	9965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.128	164	5065	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	10660	0.400	ng/ul	0.00
17) Chrysene-d12	21.098	240	9166	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	9828	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3671	0.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6671	0.467	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	13851	0.507	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.131	88	9123	2.217	ng/ul#	80
5) Naphthalene	10.288	128	10683	0.401	ng/ul	99
7) 2-Methylnaphthalene	11.916	142	6663	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.136	142	7964	0.459	ng/ul	100
10) Acenaphthylene	13.841	152	8518	0.370	ng/ul	99
11) Acenaphthene	14.188	153	7122	0.429	ng/ul	99
12) Fluorene	15.188	166	7638	0.412	ng/ul	99
14) Pentachlorophenol	16.539	266	902	0.269	ng/ul	98
15) Phenanthrene	16.923	178	12304	0.391	ng/ul	100
16) Anthracene	17.016	178	10512	0.372	ng/ul	99
19) Fluoranthene	18.952	202	14380	0.398	ng/ul	99
20) Pyrene	19.320	202	15156	0.395	ng/ul	97
21) Benzo(a)anthracene	21.083	228	13197	0.366	ng/ul	99
22) Chrysene	21.133	228	15797	0.433	ng/ul	100
24) Benzo(b)fluoranthene	22.605	252	14794	0.388	ng/ul	98
25) Benzo(k)fluoranthene	22.646	252	16937	0.444	ng/ul	99
26) Benzo(a)pyrene	23.146	252	13637	0.445	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.358	276	18468	0.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.371	278	14316	0.401	ng/ul	97
29) Benzo(g,h,i)perylene	25.995	276	15175	0.422	ng/ul	99

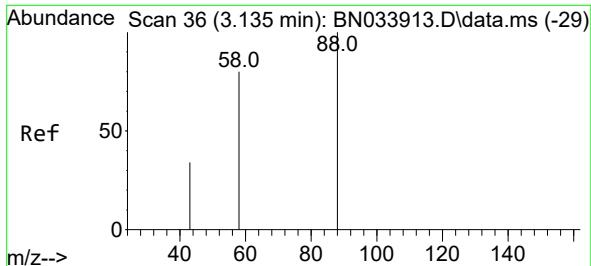
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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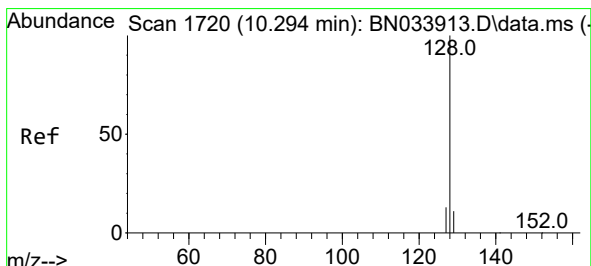
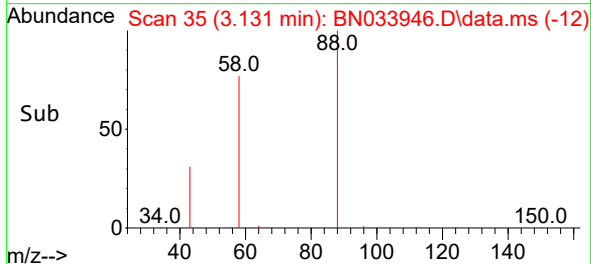
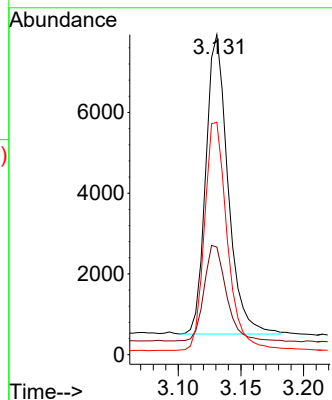
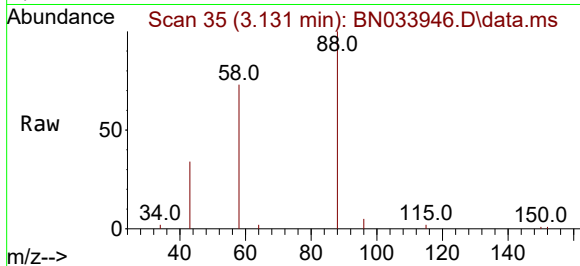




#2
1,4-Dioxane
Concen: 2.217 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

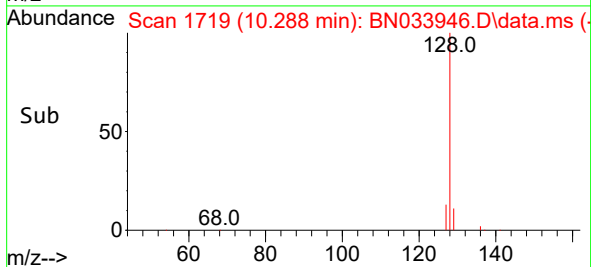
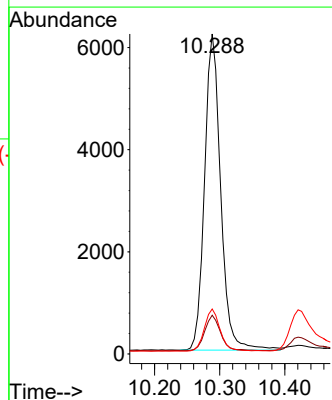
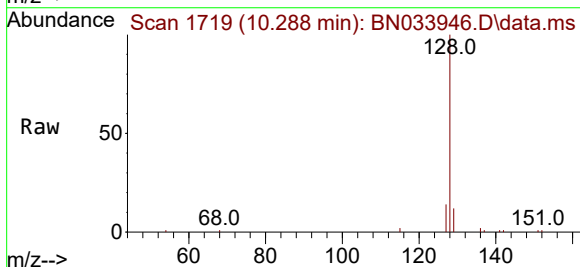
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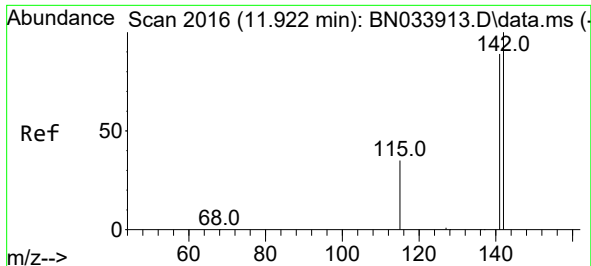
Tgt Ion: 88 Resp: 9123
Ion Ratio Lower Upper
88 100
43 33.6 47.0 70.4#
58 72.6 53.0 79.4



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:128 Resp: 10683
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.0 10.8 16.2

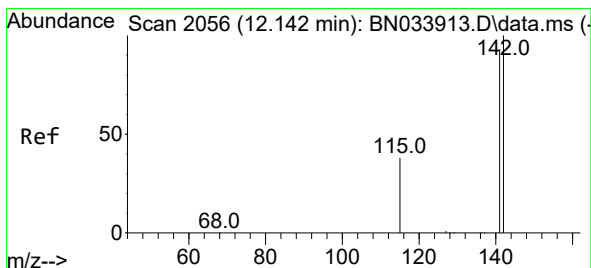
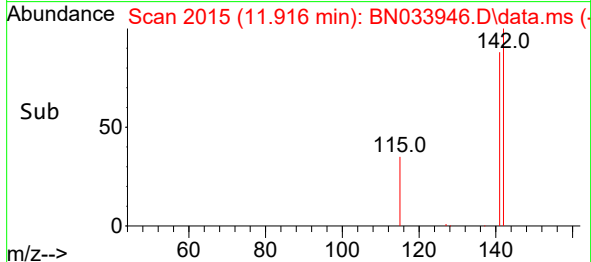
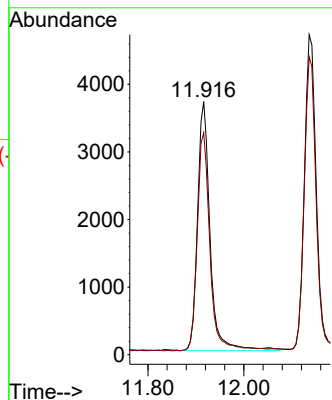
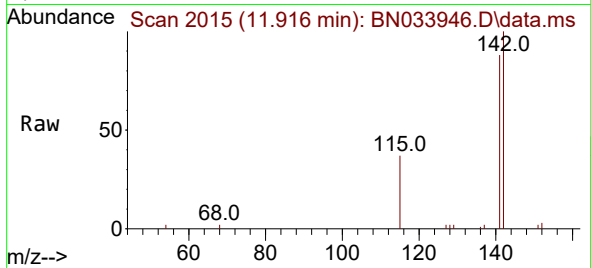




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

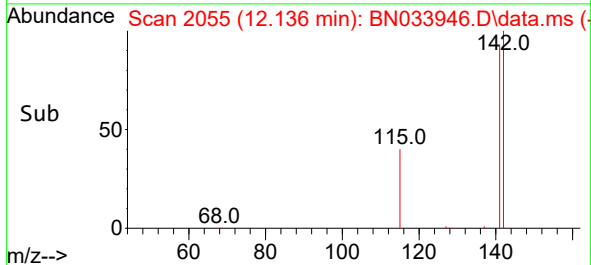
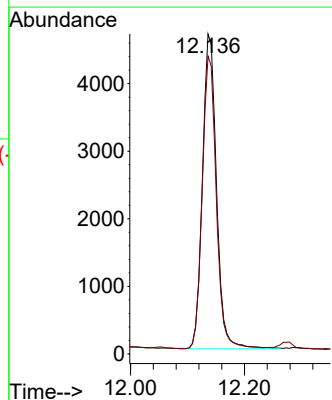
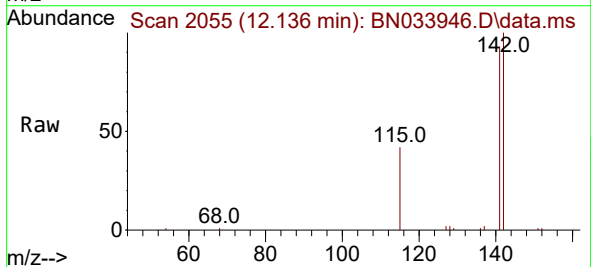
Instrument :
BNA_N
ClientSampleId :
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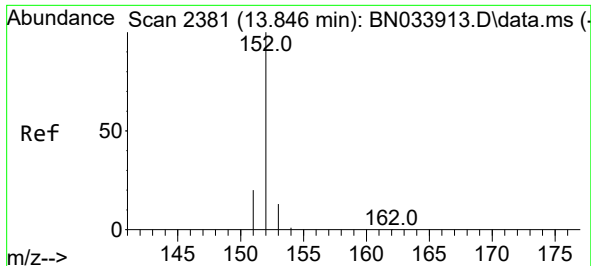
Tgt Ion:142 Resp: 6663
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:142 Resp: 7964
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4

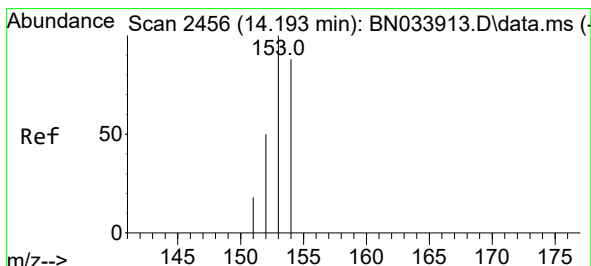
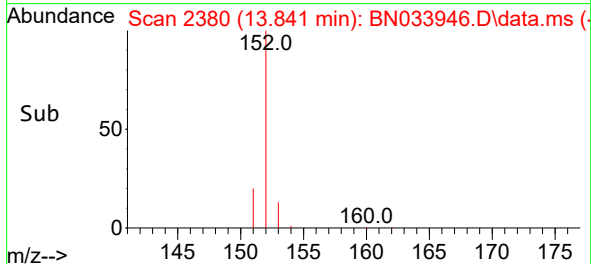
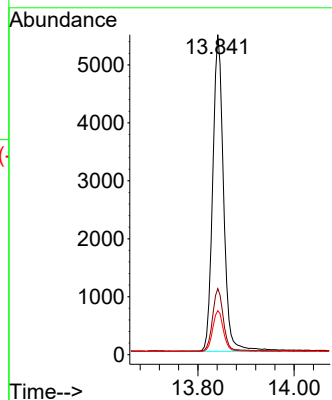
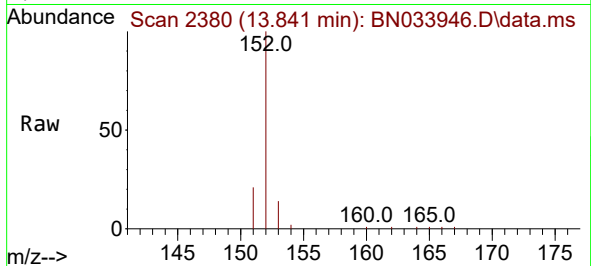




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

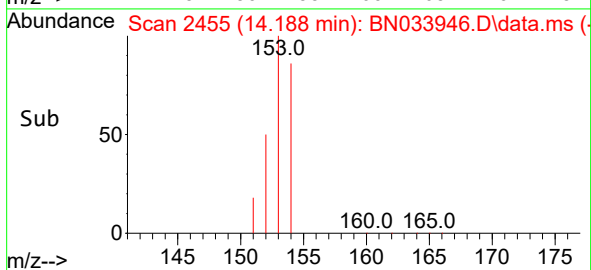
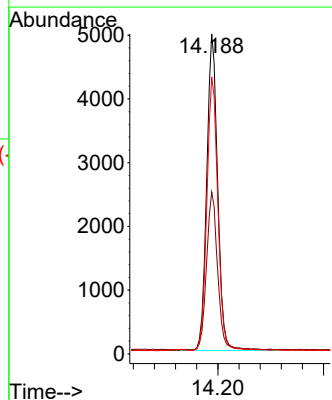
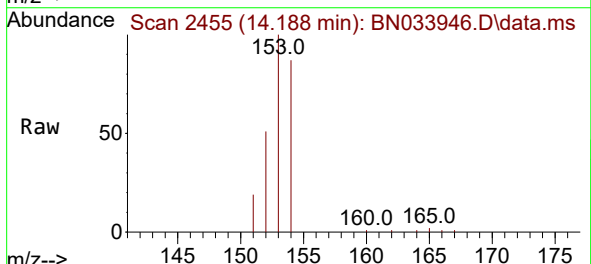
Instrument :
BNA_N
ClientSampleId :
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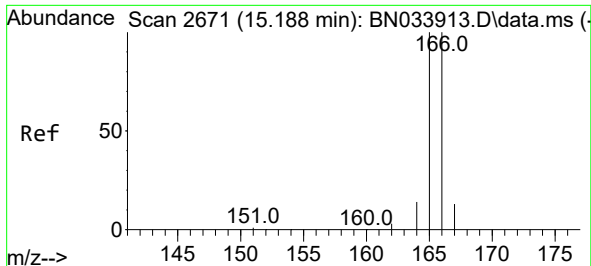
Tgt Ion:152 Resp: 8518
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:153 Resp: 7122
Ion Ratio Lower Upper
153 100
152 50.6 39.8 59.8
154 86.6 69.0 103.6

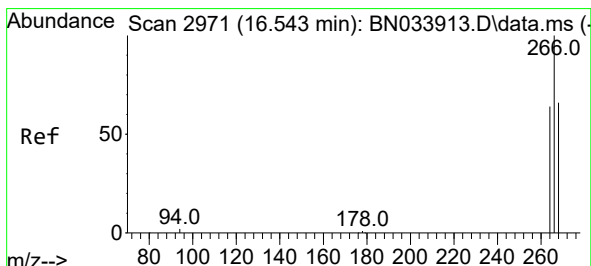
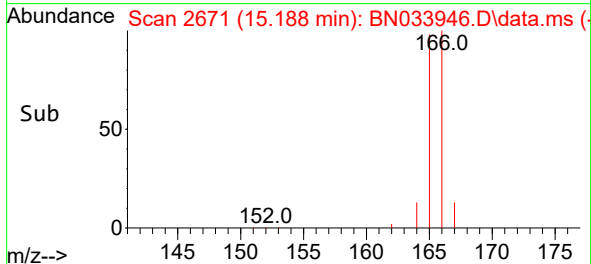
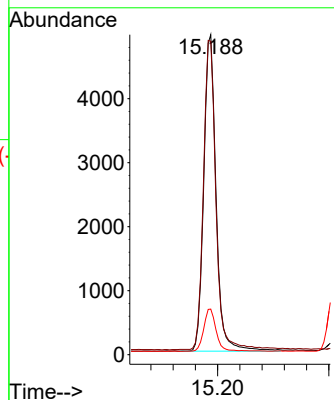
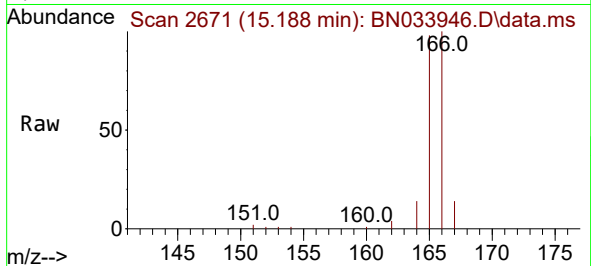




#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.188 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

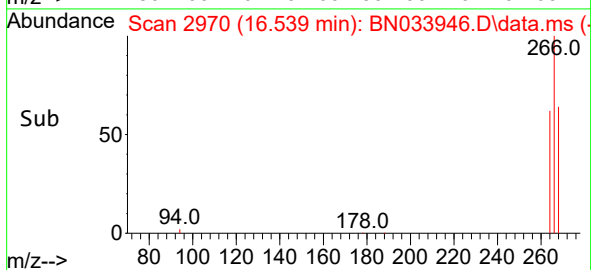
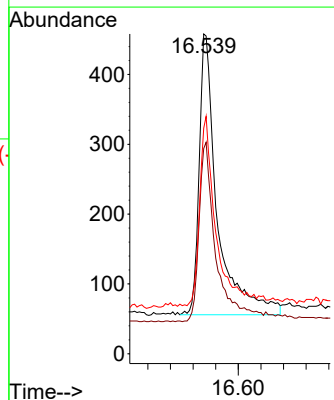
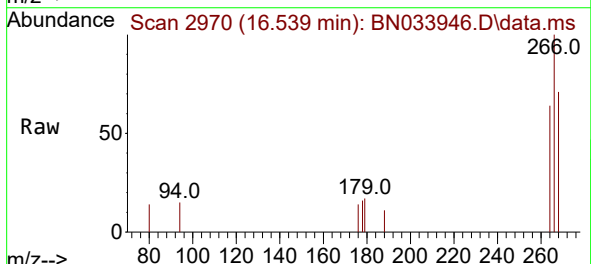
Instrument :
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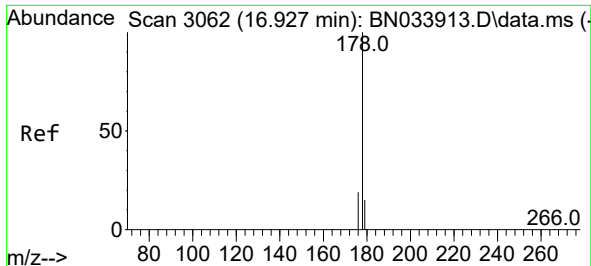
Tgt Ion:166 Resp: 7638
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.269 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:266 Resp: 902
Ion Ratio Lower Upper
266 100
264 61.6 50.3 75.5
268 62.3 51.7 77.5

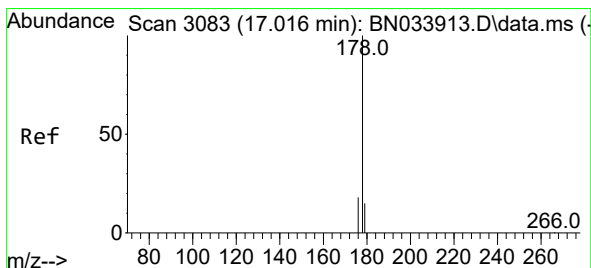
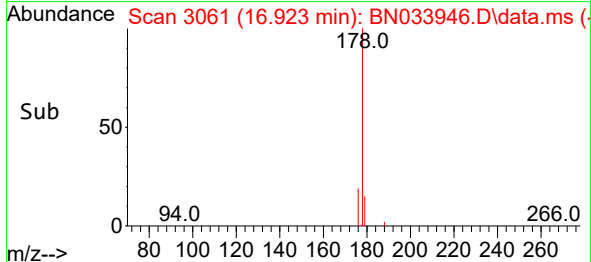
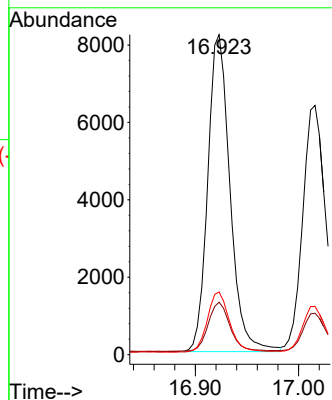
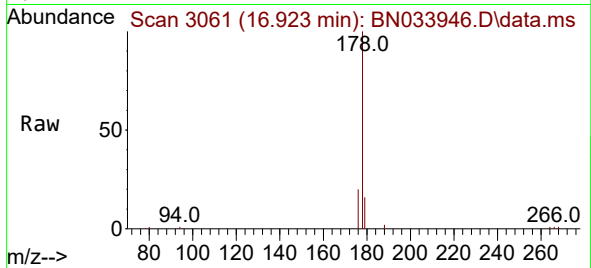




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 16.923 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

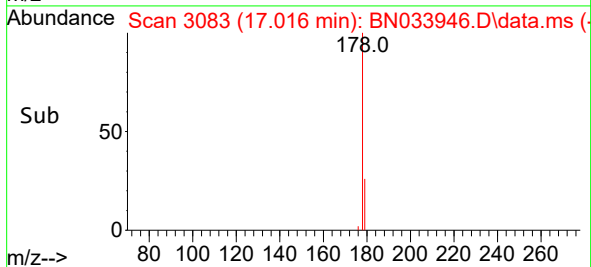
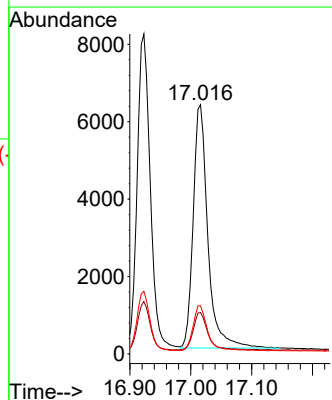
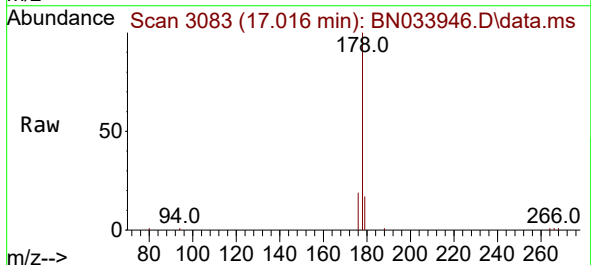
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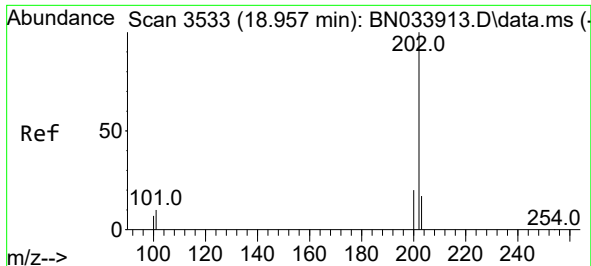
Tgt Ion:178 Resp: 12304
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.372 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:178 Resp: 10512
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.3 15.2 22.8

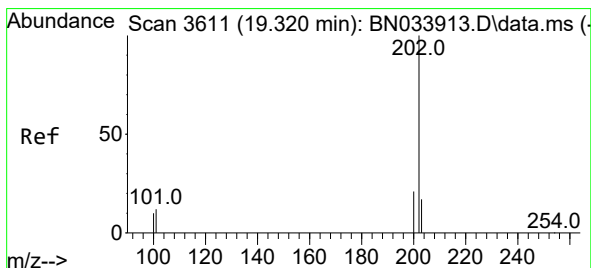
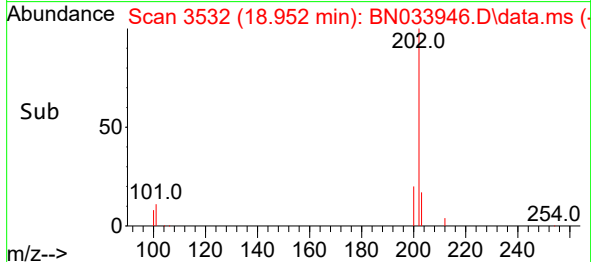
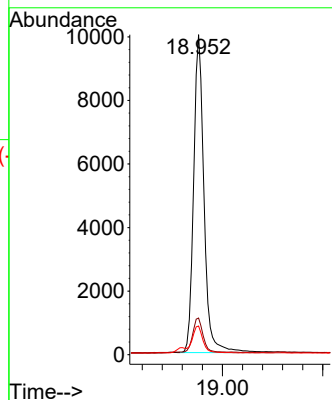
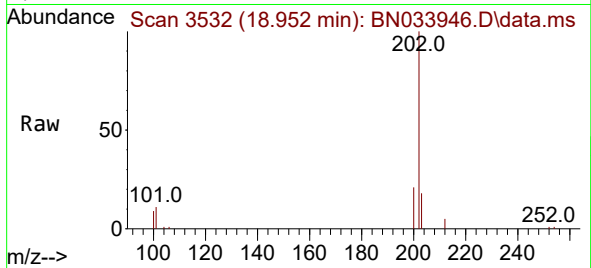




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 18.952 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

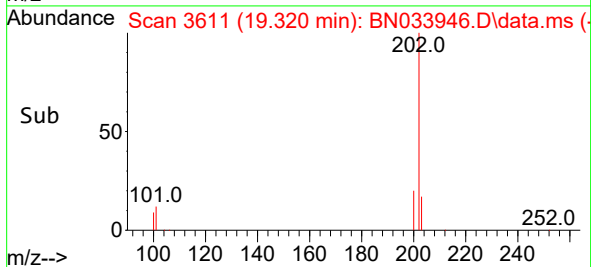
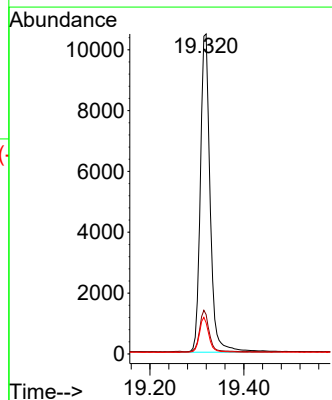
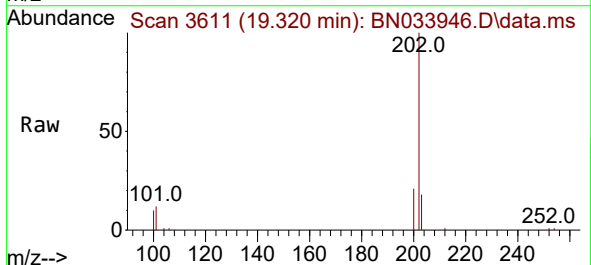
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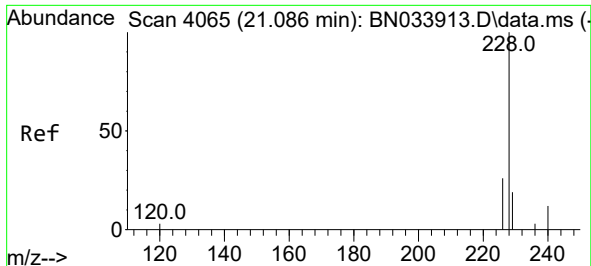
Tgt Ion:202 Resp: 14380
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.4
100 8.9 6.7 10.1



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.320 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

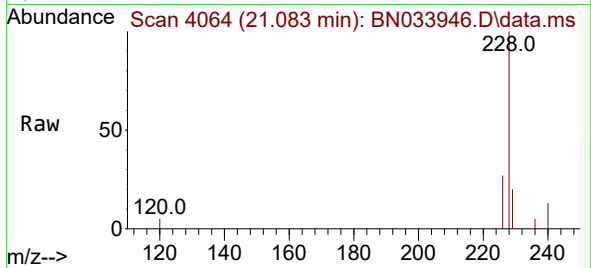
Tgt Ion:202 Resp: 15156
Ion Ratio Lower Upper
202 100
101 12.3 10.8 16.2
100 9.8 8.7 13.1



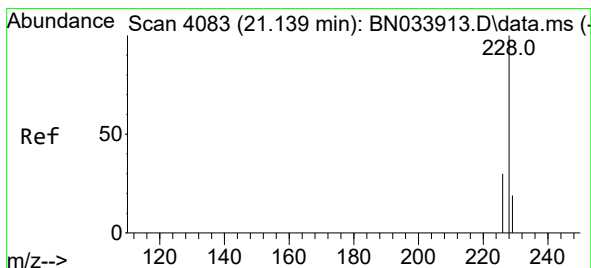
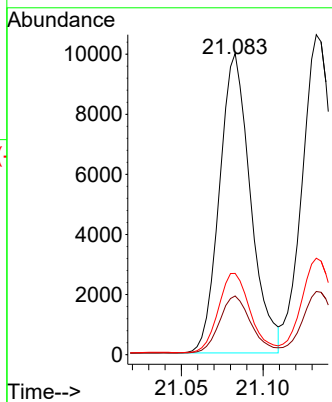
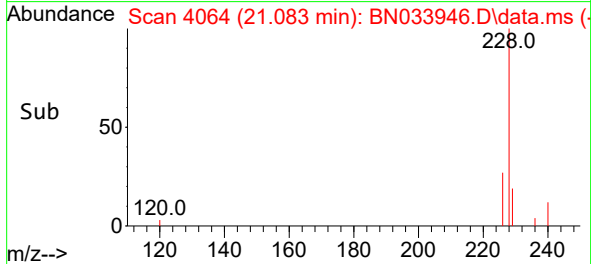


#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.083 min Scan# 4065
Delta R.T. -0.003 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Instrument :
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SLCS355

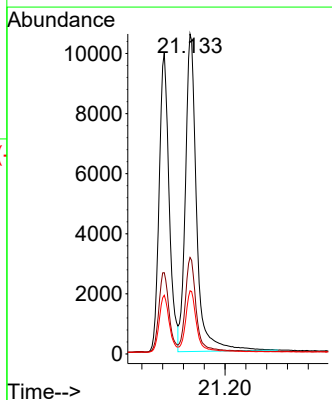
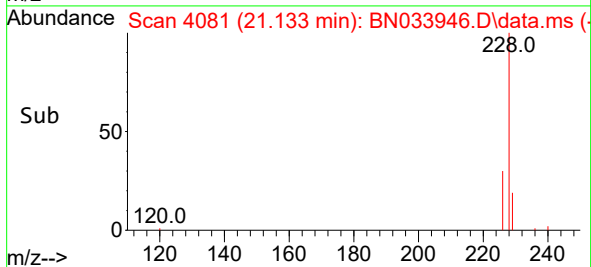
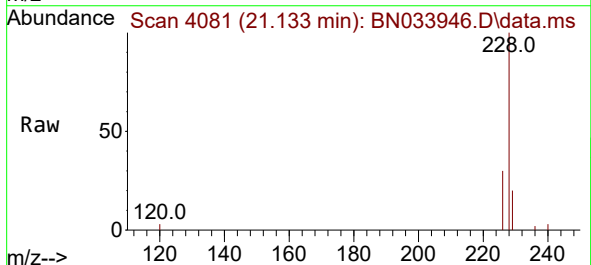


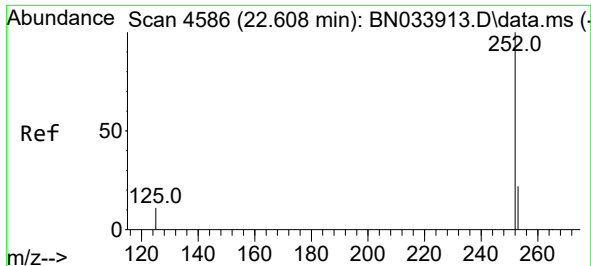
Tgt Ion:228 Resp: 13197
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.133 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:228 Resp: 15797
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.7 15.6 23.4

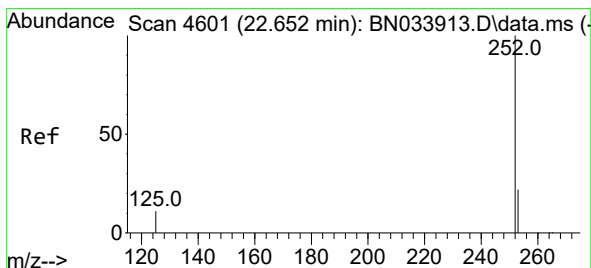
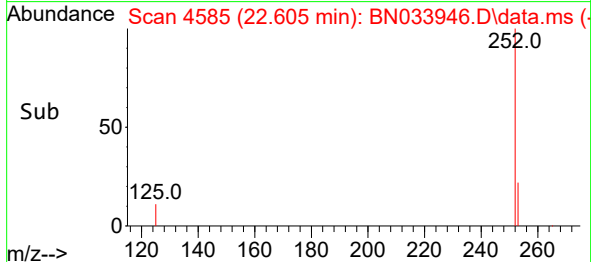
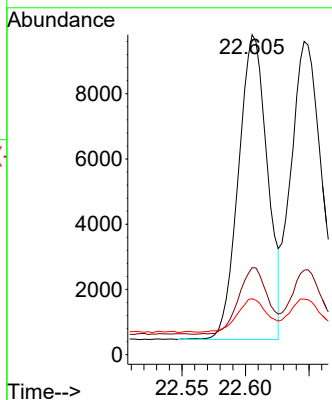
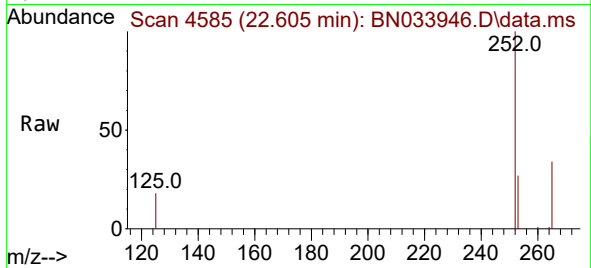




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.605 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

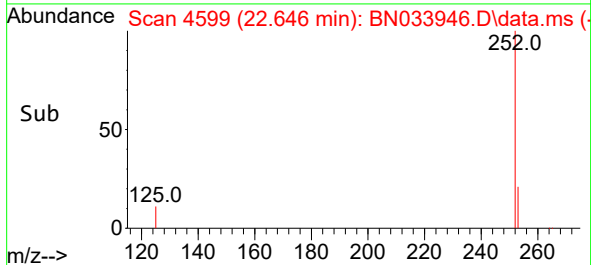
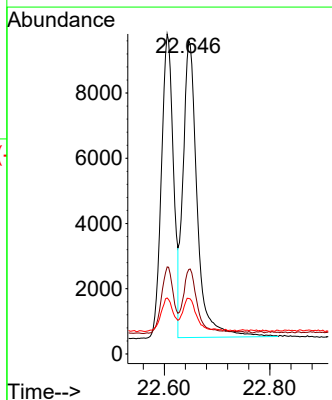
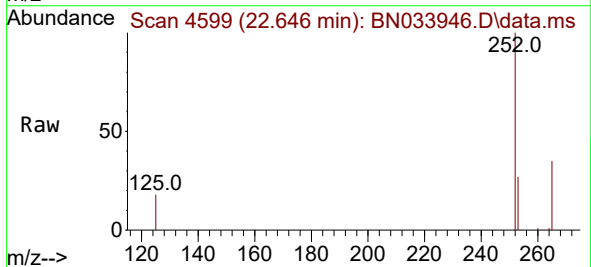
Instrument :
BNA_N
ClientSampleId :
SLCS355

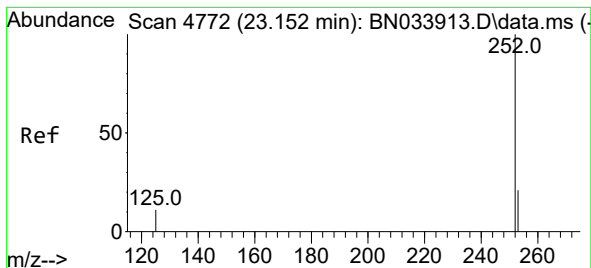
Tgt Ion:252 Resp: 14794
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.8
125 17.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033946.D
Acq: 15 Sep 2024 11:39

Tgt Ion:252 Resp: 16937
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.0
125 17.7 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 23.146 min Scan# 4772

Delta R.T. -0.006 min

Lab File: BN033946.D

Acq: 15 Sep 2024 11:39

Instrument :

BNA_N

ClientSampleId :

SLCS355

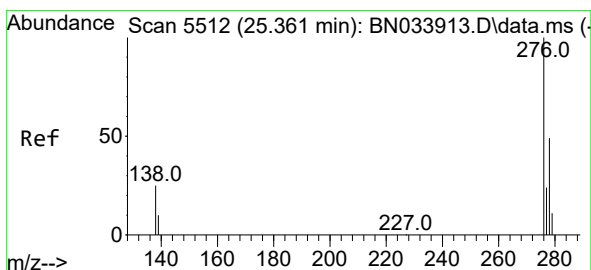
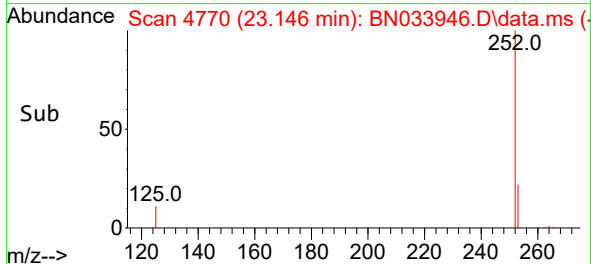
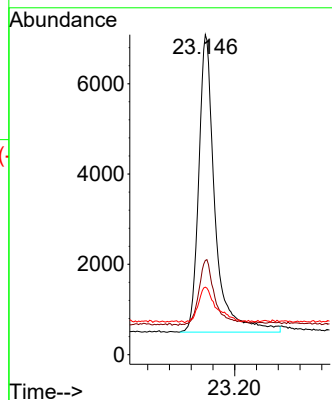
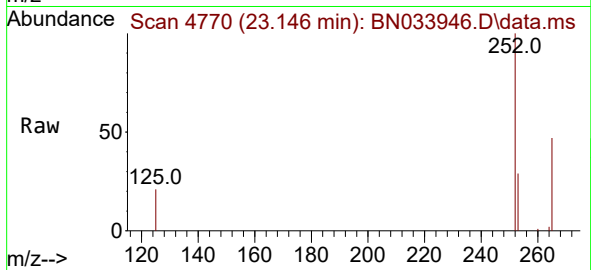
Tgt Ion:252 Resp: 13637

Ion Ratio Lower Upper

252 100

253 29.5 22.8 34.2

125 21.1 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 25.358 min Scan# 5511

Delta R.T. -0.003 min

Lab File: BN033946.D

Acq: 15 Sep 2024 11:39

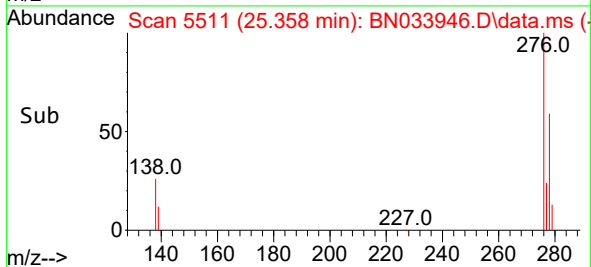
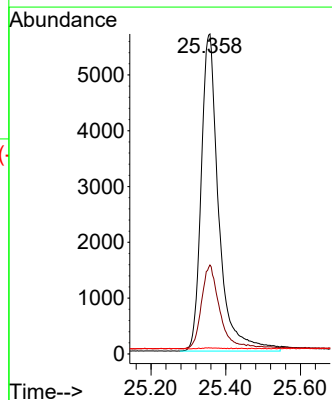
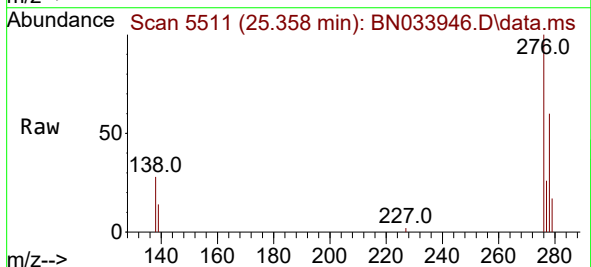
Tgt Ion:276 Resp: 18468

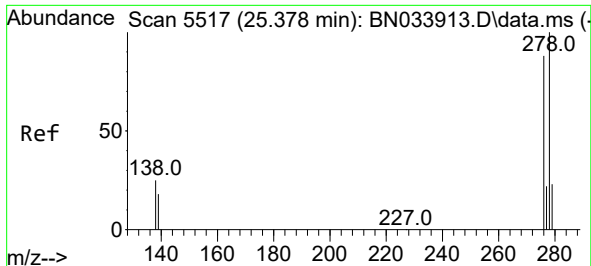
Ion Ratio Lower Upper

276 100

138 27.8 22.3 33.5

227 0.2 0.2 0.4

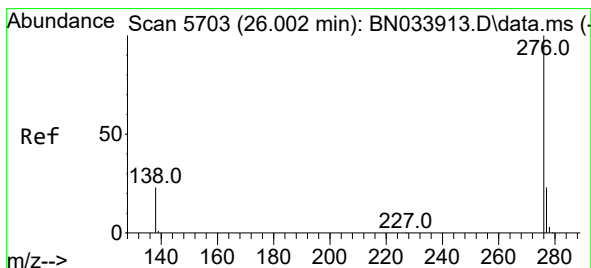
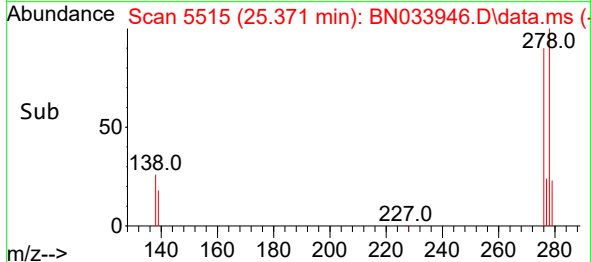
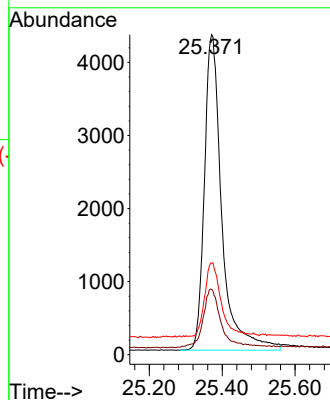
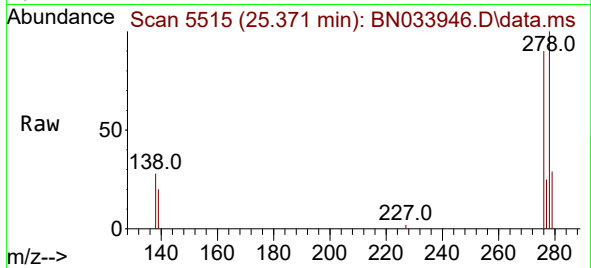




#28
 Dibenzo(a,h)anthracene
 Concen: 0.401 ng/ul
 RT: 25.371 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN033946.D
 Acq: 15 Sep 2024 11:39

Instrument :
 BNA_N
 ClientSampleId :
 SLCS355

Tgt Ion:278 Resp: 14316
 Ion Ratio Lower Upper
 278 100
 139 20.4 17.3 25.9
 279 28.7 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 25.995 min Scan# 5701
 Delta R.T. -0.007 min
 Lab File: BN033946.D
 Acq: 15 Sep 2024 11:39

Tgt Ion:276 Resp: 15175
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.8 31.2
 277 24.7 20.2 30.4

