

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033974.D
 Acq On : 16 Sep 2024 05:03
 Operator : JU/RC
 Sample : PB163314BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS314

Quant Time: Sep 16 06:41:03 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)

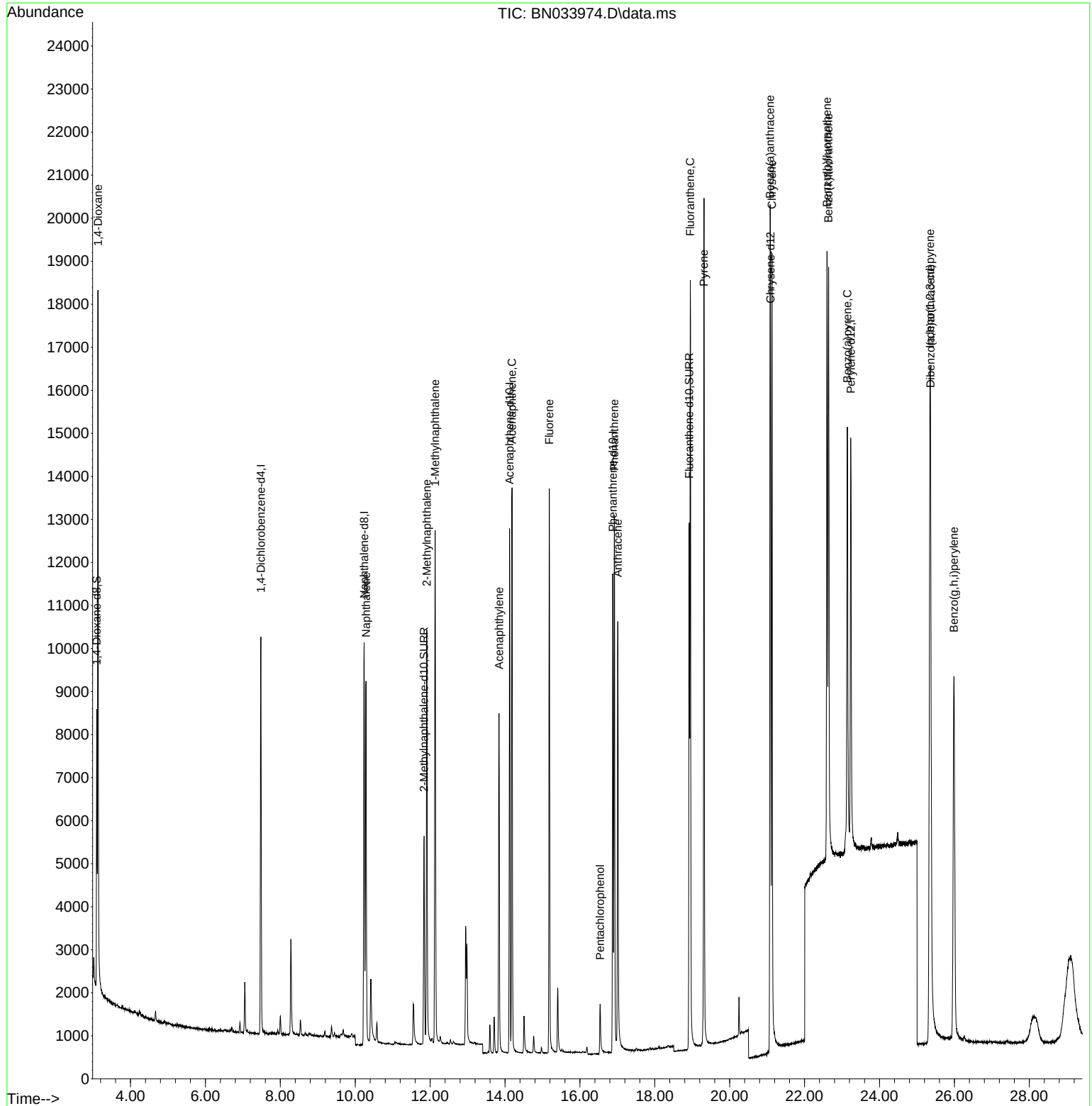
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	4591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	12793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.123	164	6509	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	13553	0.400	ng/ul	0.00
17) Chrysene-d12	21.091	240	11302	0.400	ng/ul	0.00
23) Perylene-d12	23.233	264	12487	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3661	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6923	0.377	ng/ul	0.00
18) Fluoranthene-d10	18.919	212	14522	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.130	88	9451	1.805	ng/ul#	80
5) Naphthalene	10.288	128	11648	0.340	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	7260	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.136	142	8725	0.391	ng/ul	99
10) Acenaphthylene	13.841	152	9425	0.319	ng/ul	100
11) Acenaphthene	14.188	153	7804	0.366	ng/ul	99
12) Fluorene	15.183	166	8347	0.350	ng/ul	100
14) Pentachlorophenol	16.539	266	1032	0.242	ng/ul	99
15) Phenanthrene	16.918	178	13559	0.339	ng/ul	99
16) Anthracene	17.011	178	11804	0.328	ng/ul	100
19) Fluoranthene	18.947	202	16105	0.361	ng/ul	99
20) Pyrene	19.314	202	16860	0.356	ng/ul	99
21) Benzo(a)anthracene	21.077	228	14786	0.332	ng/ul	100
22) Chrysene	21.129	228	17017	0.379	ng/ul	100
24) Benzo(b)fluoranthene	22.599	252	16365	0.338	ng/ul	98
25) Benzo(k)fluoranthene	22.640	252	18146	0.374	ng/ul	98
26) Benzo(a)pyrene	23.140	252	15316	0.394	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.347	276	21083	0.361	ng/ul	99
28) Dibenzo(a,h)anthracene	25.364	278	16264	0.358	ng/ul	96
29) Benzo(g,h,i)perylene	25.988	276	17126	0.375	ng/ul	97

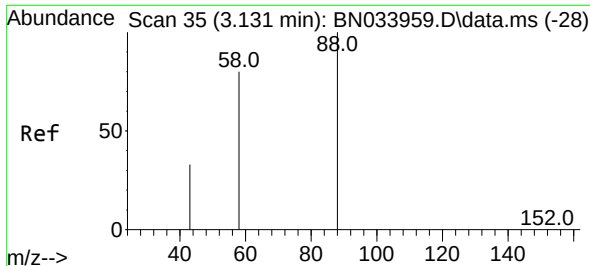
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.805 ng/ul

RT: 3.130 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

Instrument :

BNA_N

ClientSampleId :

SLCS314

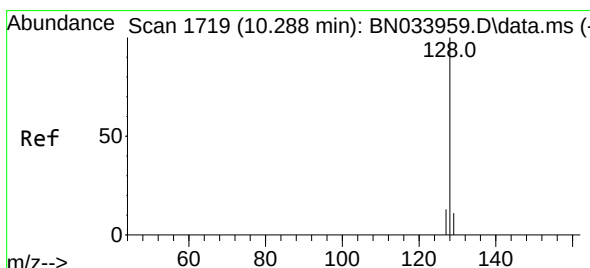
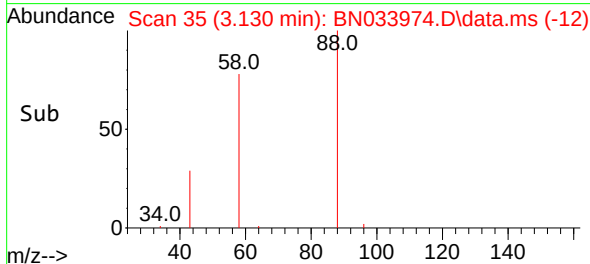
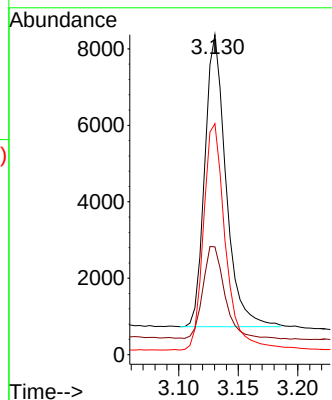
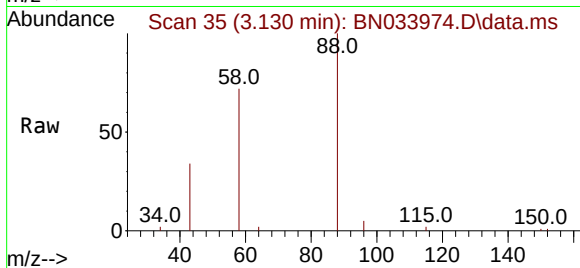
Tgt Ion: 88 Resp: 9451

Ion Ratio Lower Upper

88 100

43 33.7 47.0 70.4#

58 72.2 53.0 79.4



#5

Naphthalene

Concen: 0.340 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

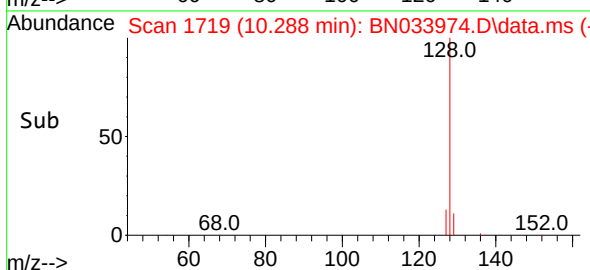
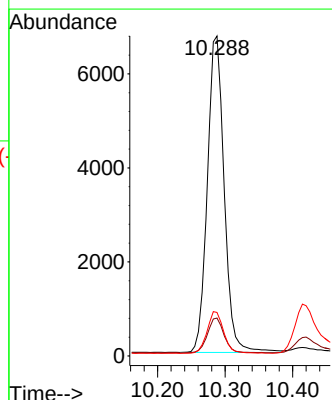
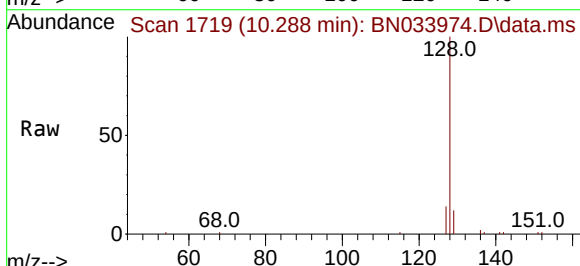
Tgt Ion:128 Resp: 11648

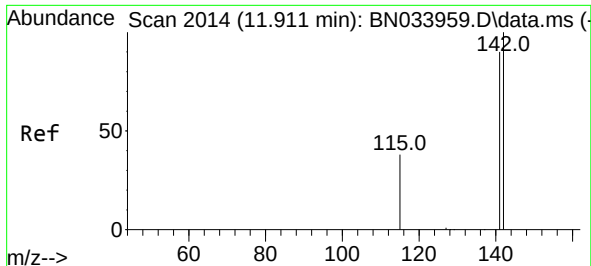
Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

127 13.6 10.8 16.2

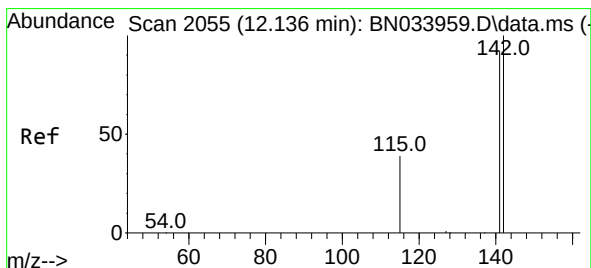
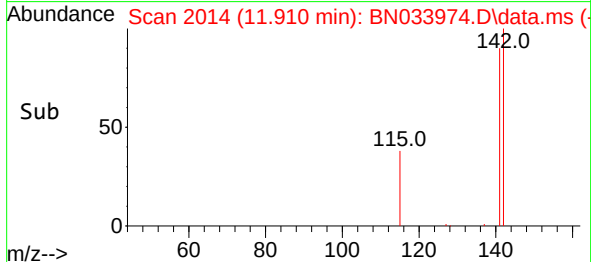
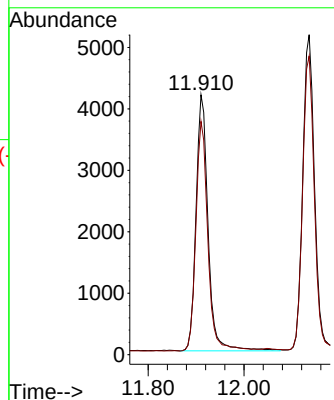
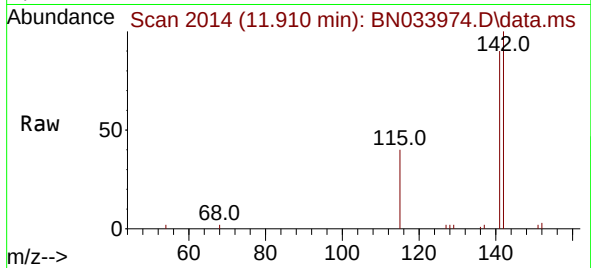




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

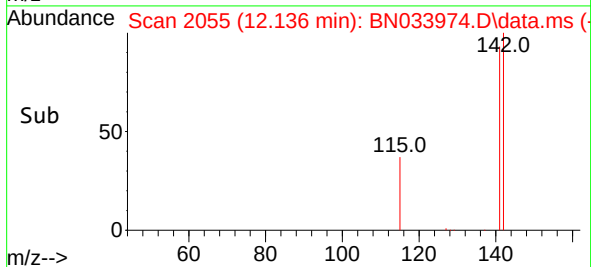
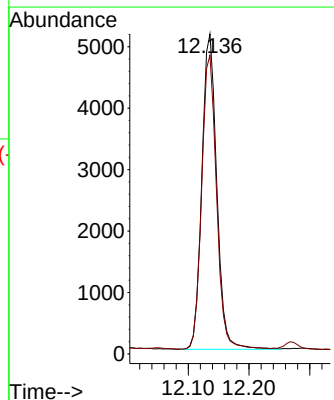
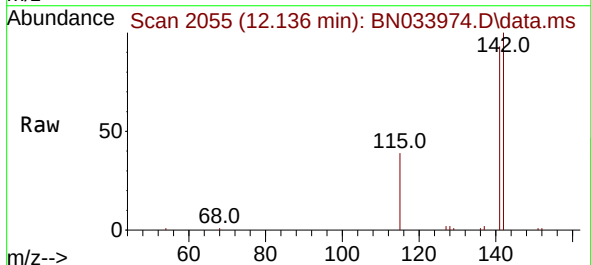
Instrument :
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ClientSampleId :
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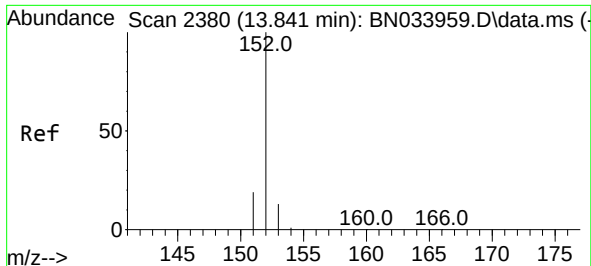
Tgt Ion:142 Resp: 7260
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:142 Resp: 8725
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4

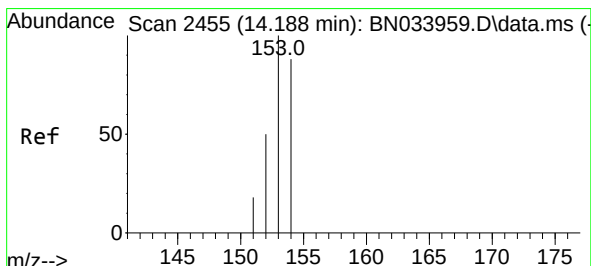
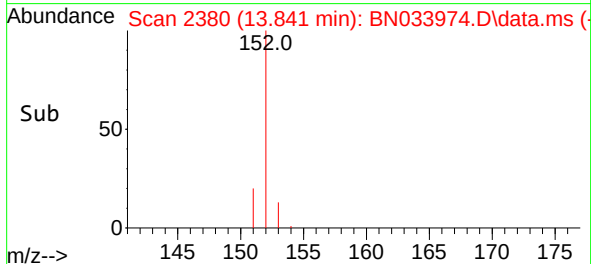
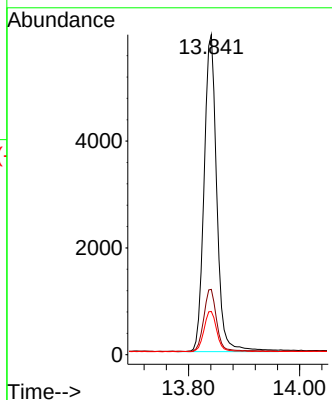
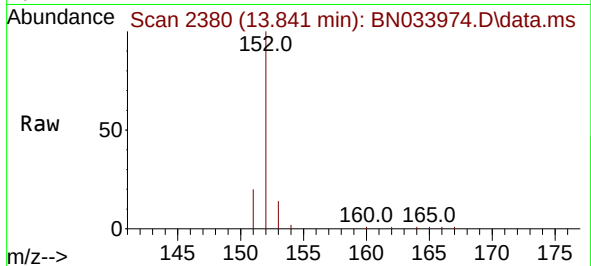




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

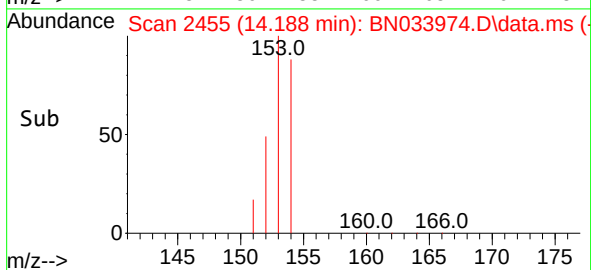
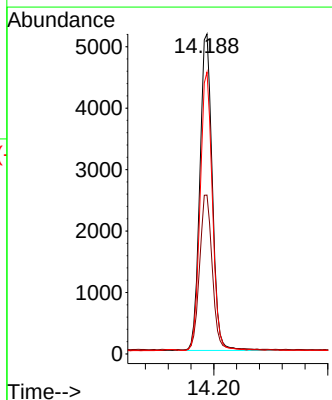
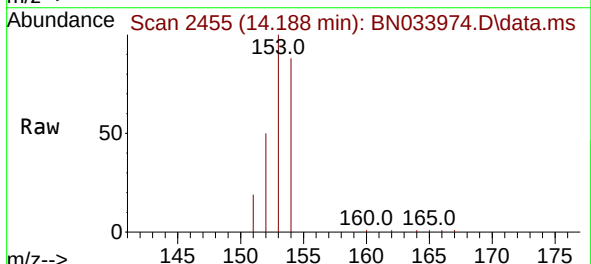
Instrument :
BNA_N
ClientSampleId :
SLCS314

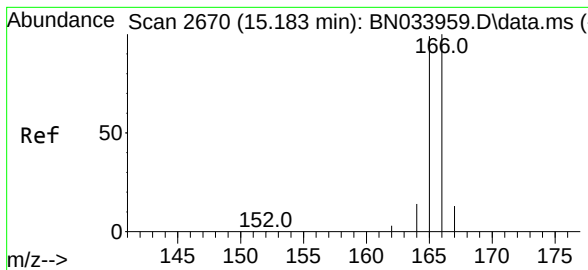
Tgt Ion:	152	Resp:	9425
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.5	10.8	16.2



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:	153	Resp:	7804
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.8	59.8
154	88.1	69.0	103.6

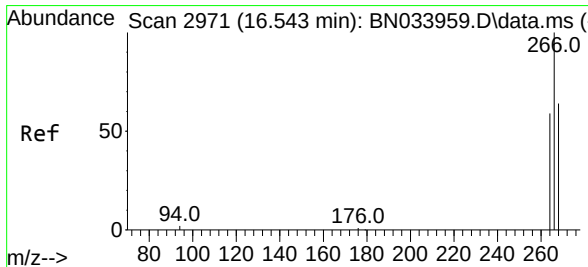
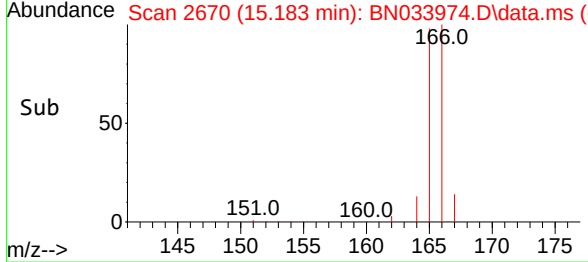
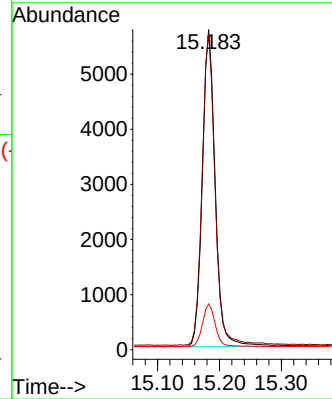
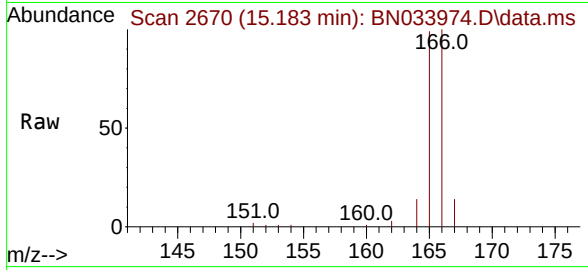




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.183 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

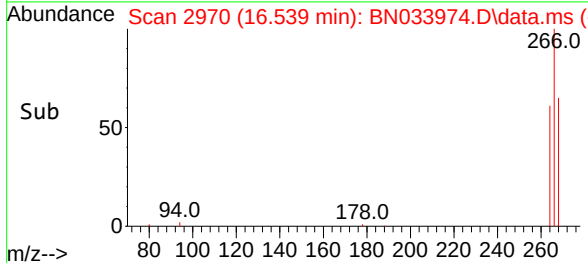
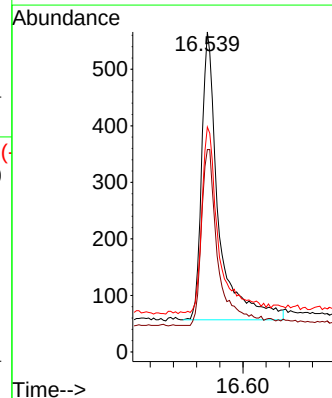
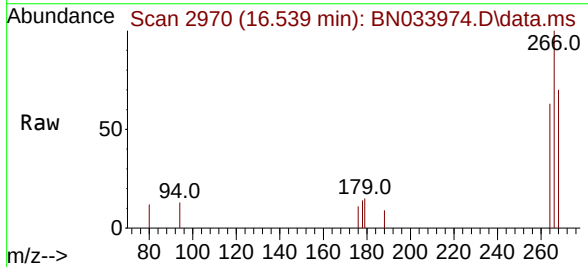
Instrument :
BNA_N
ClientSampleId :
SLCS314

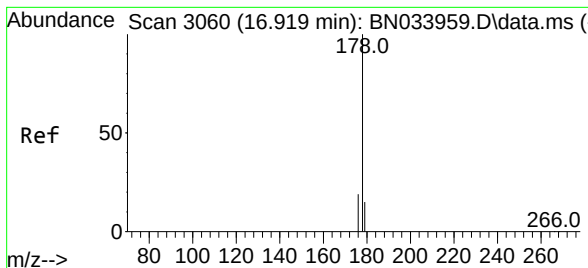
Tgt Ion:166 Resp: 8347
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.242 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:266 Resp: 1032
Ion Ratio Lower Upper
266 100
264 62.4 50.3 75.5
268 65.9 51.7 77.5





#15

Phenanthrene

Concen: 0.339 ng/ul

RT: 16.918 min Scan# 3060

Delta R.T. -0.009 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

Instrument :

BNA_N

ClientSampleId :

SLCS314

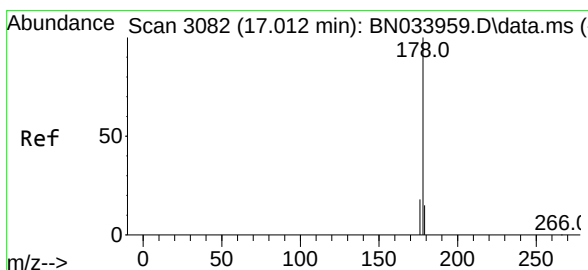
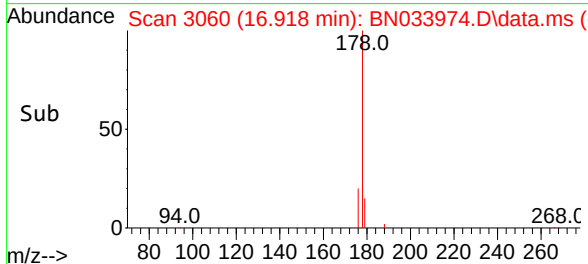
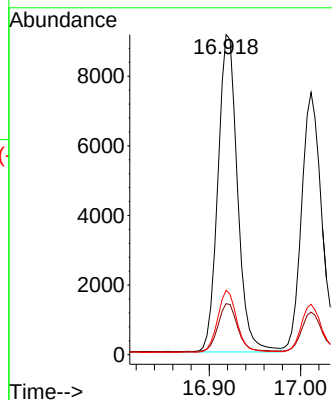
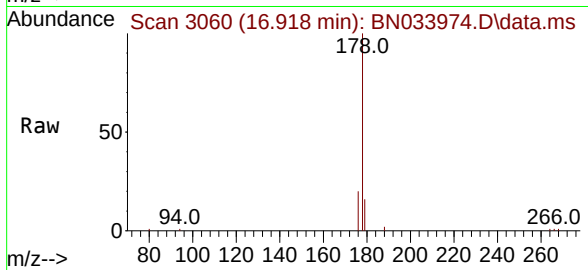
Tgt Ion:178 Resp: 13559

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 20.1 15.7 23.5



#16

Anthracene

Concen: 0.328 ng/ul

RT: 17.011 min Scan# 3082

Delta R.T. -0.005 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

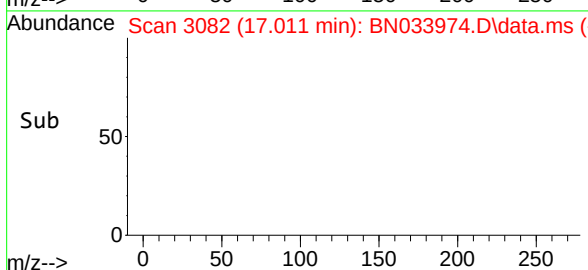
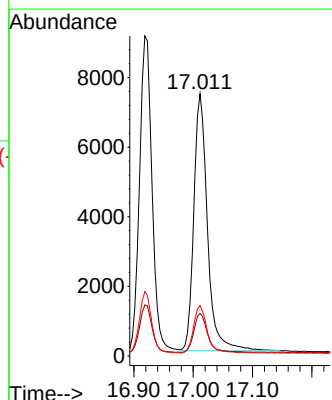
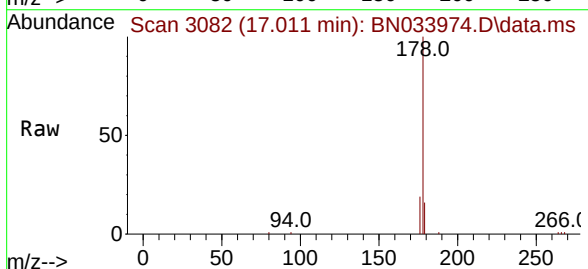
Tgt Ion:178 Resp: 11804

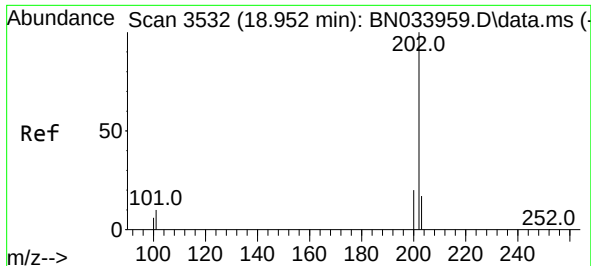
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

176 19.2 15.2 22.8

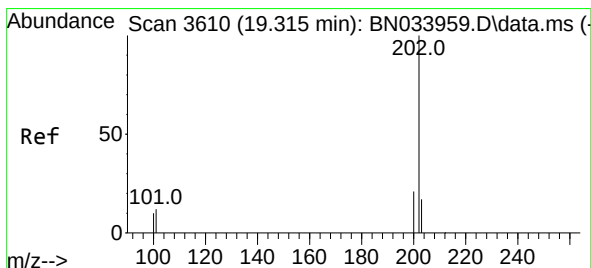
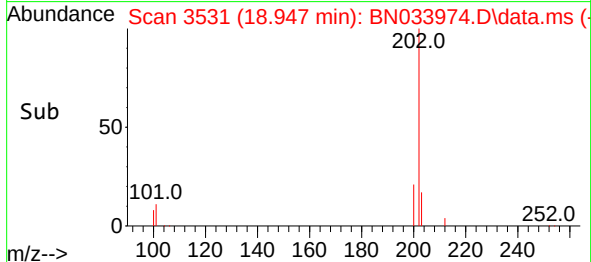
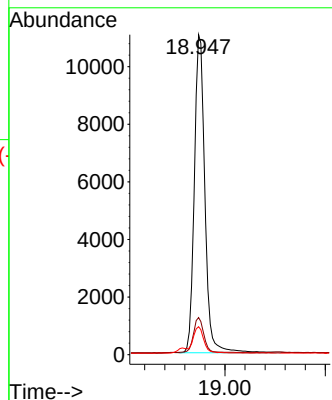
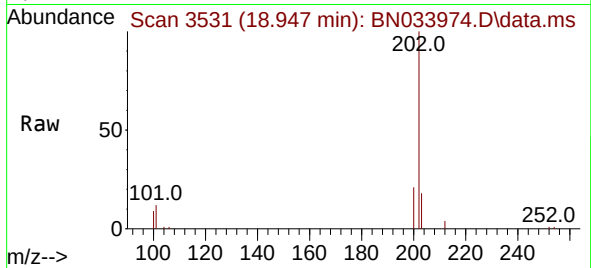




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 18.947 min Scan# 3531
Delta R.T. -0.010 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

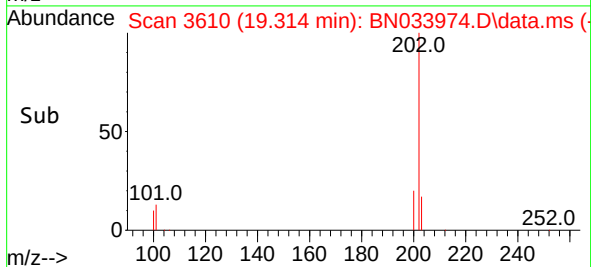
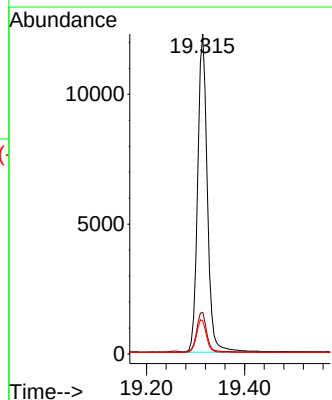
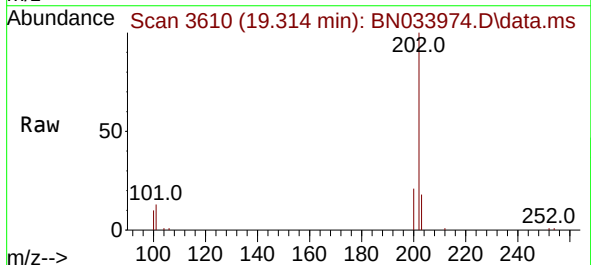
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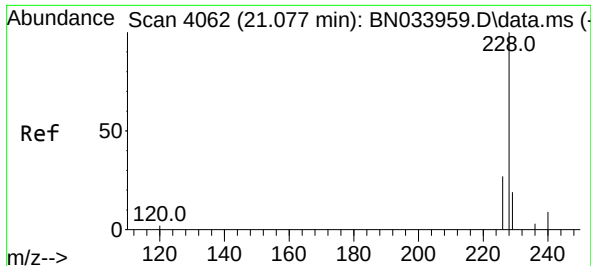
Tgt Ion:202 Resp: 16105
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.314 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:202 Resp: 16860
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 10.4 8.7 13.1

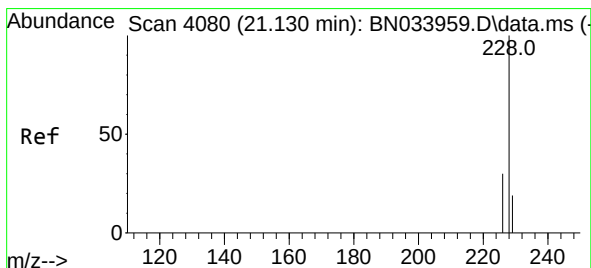
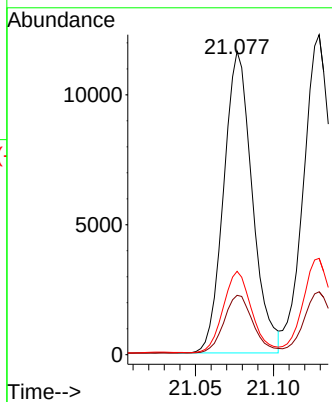
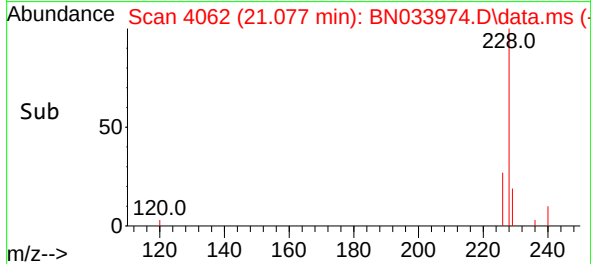
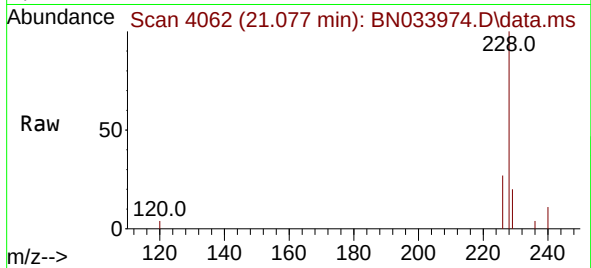




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

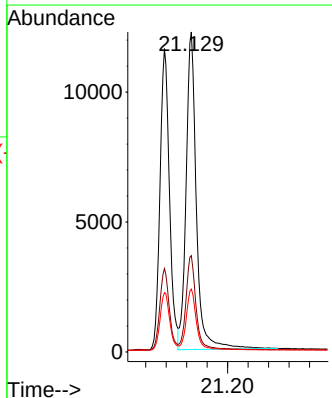
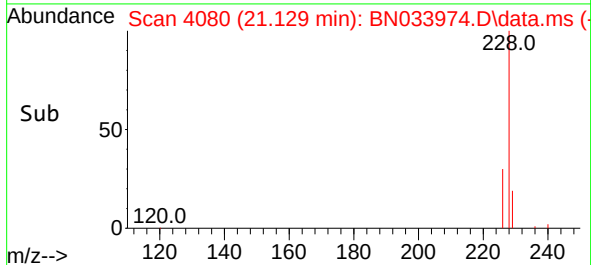
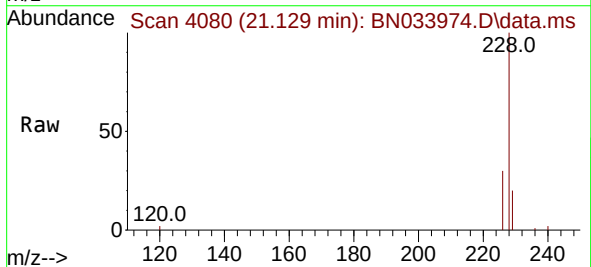
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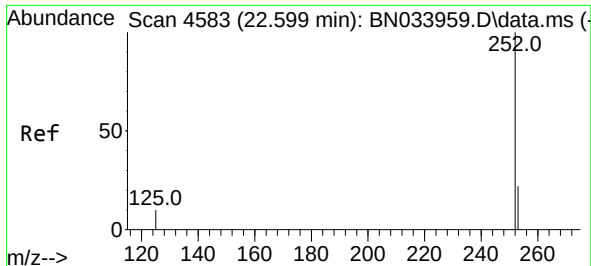
Tgt Ion:228 Resp: 14786
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.129 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:228 Resp: 17017
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.6 15.6 23.4

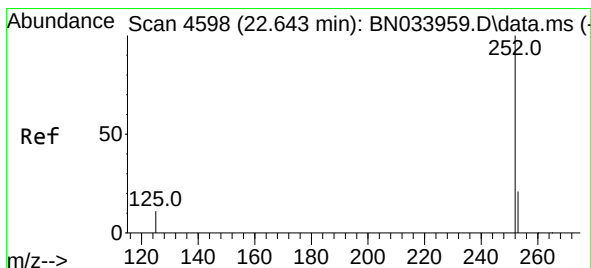
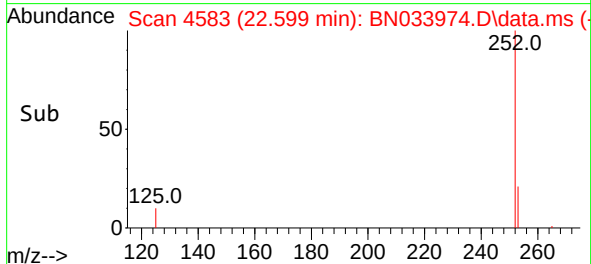
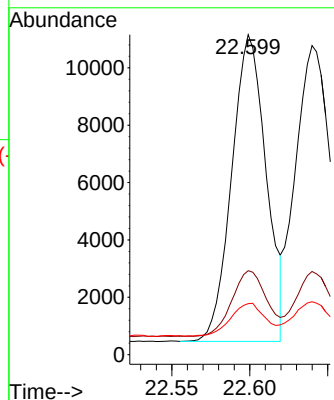
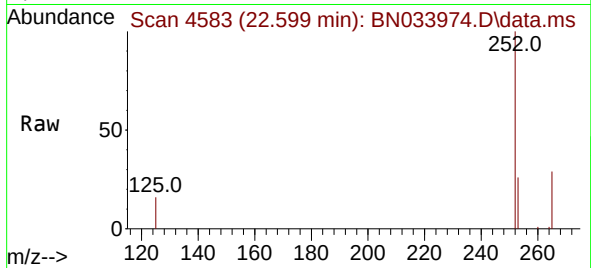




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 22.599 min Scan# 4583
Delta R.T. -0.009 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

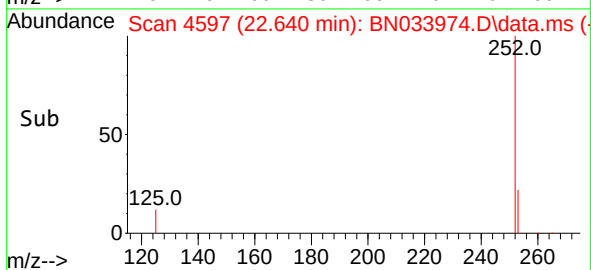
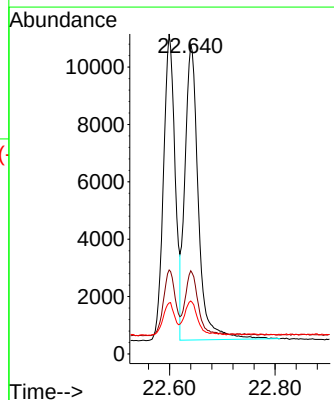
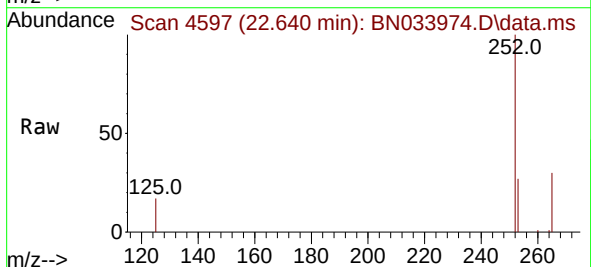
Instrument :
BNA_N
ClientSampleId :
SLCS314

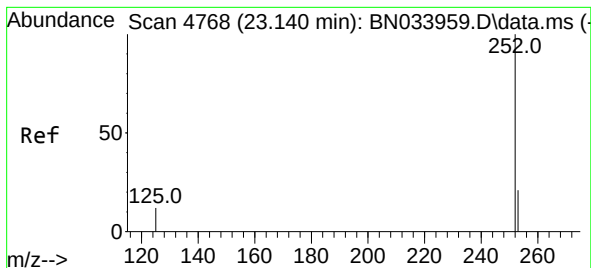
Tgt Ion:	252	Resp:	16365
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	52.8
125	15.9	0.0	36.4



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.640 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:	252	Resp:	18146
Ion Ratio	Lower	Upper	
252	100		
253	26.9	21.4	32.0
125	17.1	15.1	22.7





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.140 min Scan# 4768

Delta R.T. -0.012 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

Instrument :

BNA_N

ClientSampleId :

SLCS314

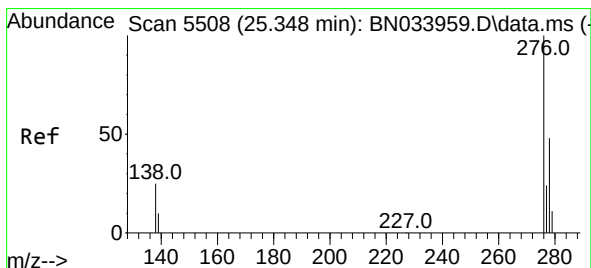
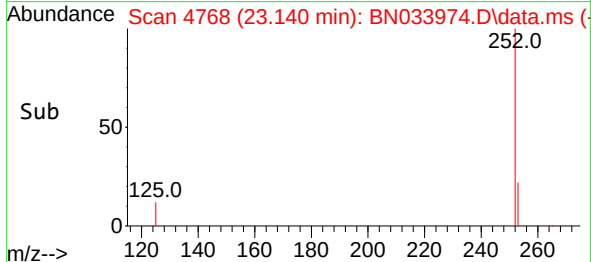
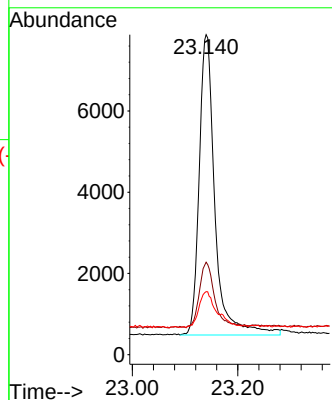
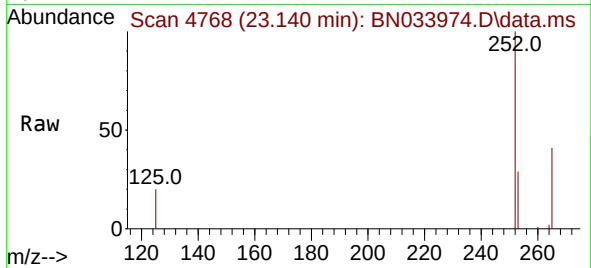
Tgt Ion:252 Resp: 15316

Ion Ratio Lower Upper

252 100

253 28.9 22.8 34.2

125 19.7 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng/ul

RT: 25.347 min Scan# 5508

Delta R.T. -0.014 min

Lab File: BN033974.D

Acq: 16 Sep 2024 05:03

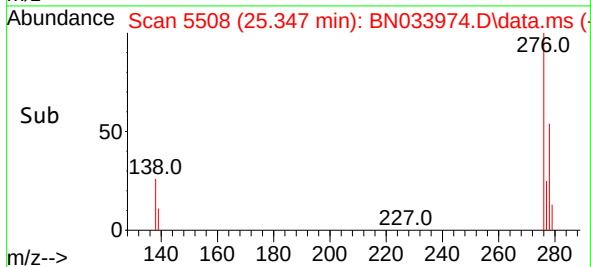
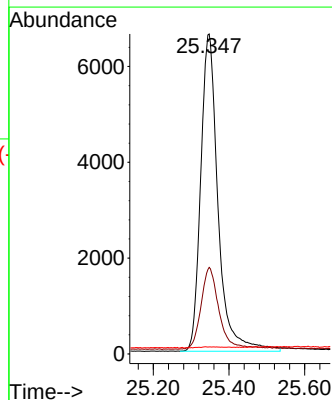
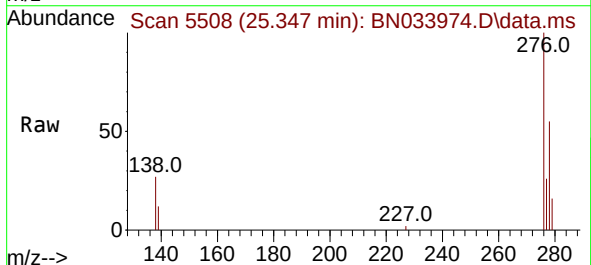
Tgt Ion:276 Resp: 21083

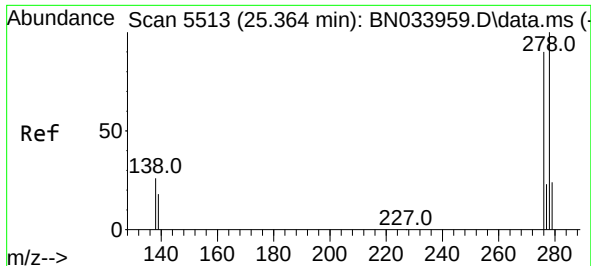
Ion Ratio Lower Upper

276 100

138 27.2 22.3 33.5

227 0.2 0.2 0.4

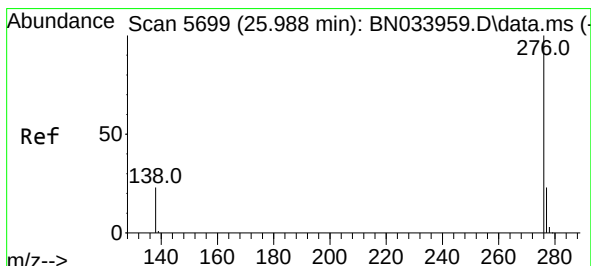
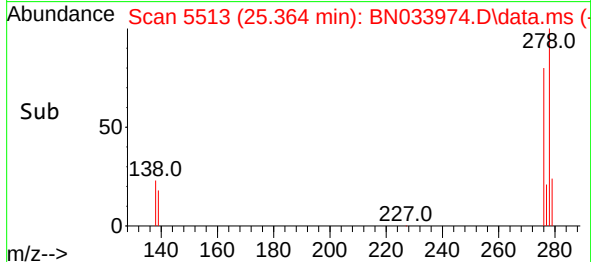
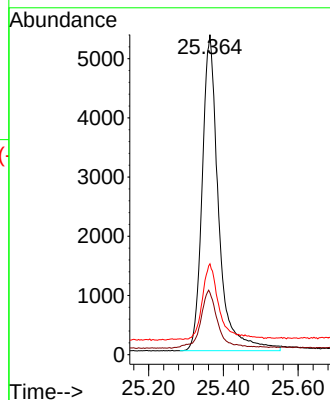
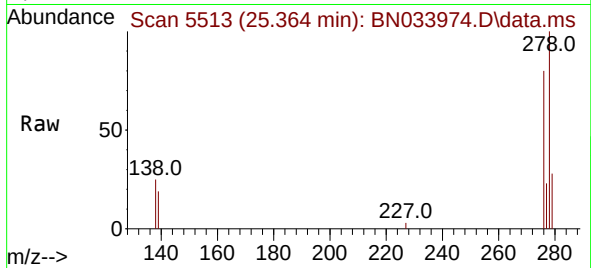




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.364 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Instrument :
BNA_N
ClientSampleId :
SLCS314

Tgt Ion:278 Resp: 16264
Ion Ratio Lower Upper
278 100
139 19.4 17.3 25.9
279 28.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 25.988 min Scan# 5699
Delta R.T. -0.014 min
Lab File: BN033974.D
Acq: 16 Sep 2024 05:03

Tgt Ion:276 Resp: 17126
Ion Ratio Lower Upper
276 100
138 23.7 20.8 31.2
277 24.6 20.2 30.4

