

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033161.D
 Acq On : 01 Aug 2024 10:08
 Operator : MA/JU
 Sample : PB162364BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS364

Quant Time: Aug 01 11:01:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

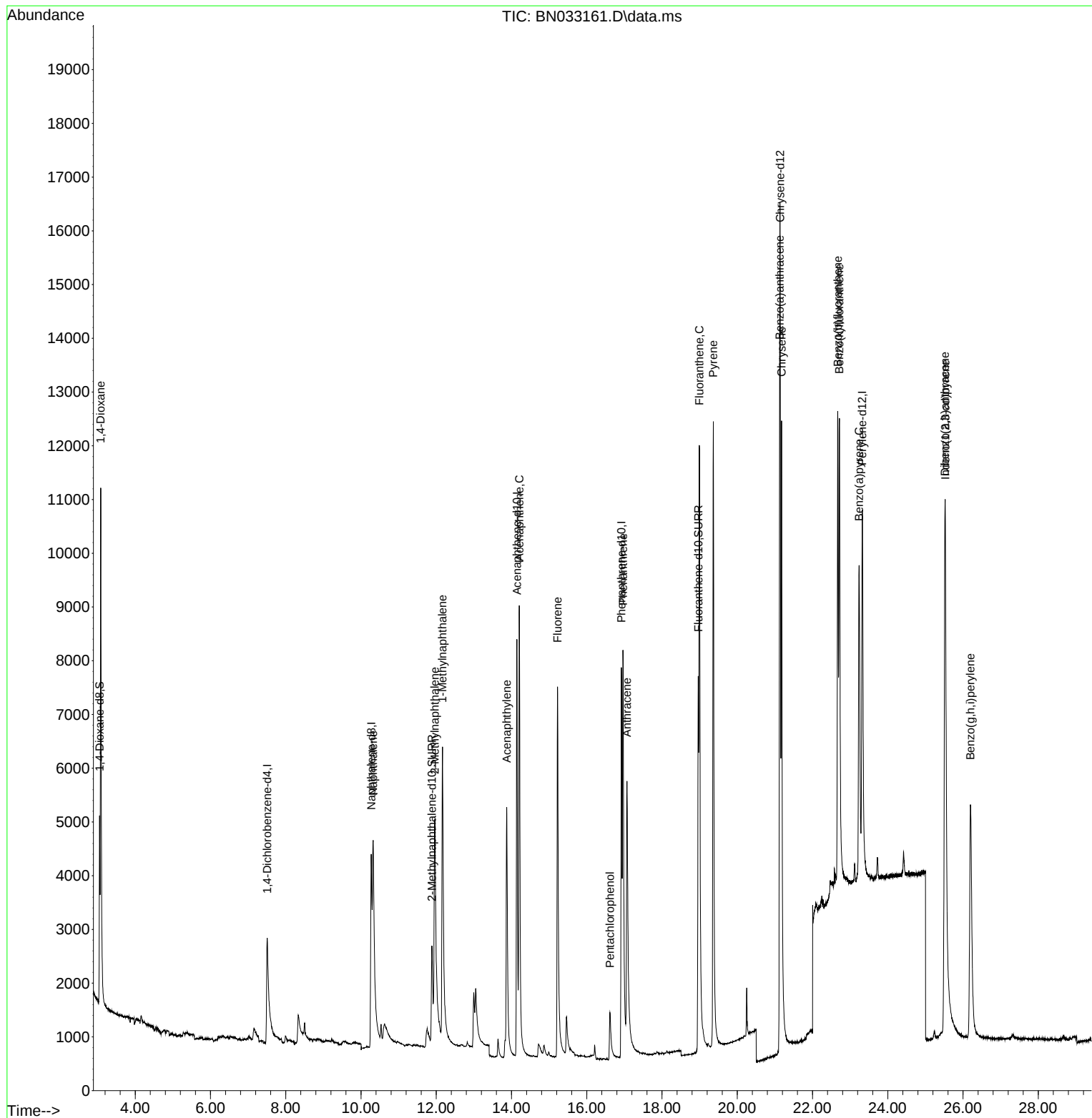
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	2779	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.273	136	9972	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164	5908	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.920	188	12567	0.400	ng/ul	-0.02
17) Chrysene-d12	21.140	240	10656	0.400	ng/ul	#-0.01
23) Perylene-d12	23.323	264	11487	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2403	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.884	152	4993	0.307	ng/ul	-0.04
18) Fluoranthene-d10	18.963	212	10959	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	7229	1.804	ng/ul#	67
5) Naphthalene	10.322	128	9121	0.356	ng/ul	97
7) 2-Methylnaphthalene	11.961	142	6047	0.349	ng/ul	100
8) 1-Methylnaphthalene	12.165	142	6092	0.325	ng/ul	99
10) Acenaphthylene	13.870	152	8464	0.350	ng/ul	99
11) Acenaphthene	14.208	153	6926	0.381	ng/ul	100
12) Fluorene	15.221	166	7230	0.341	ng/ul	99
14) Pentachlorophenol	16.616	266	1252	0.489	ng/ul	98
15) Phenanthrene	16.962	178	11012	0.327	ng/ul	99
16) Anthracene	17.068	178	9721	0.321	ng/ul	100
19) Fluoranthene	18.995	202	13743	0.392	ng/ul	99
20) Pyrene	19.362	202	14444	0.384	ng/ul	98
21) Benzo(a)anthracene	21.125	228	11741	0.323	ng/ul	99
22) Chrysene	21.177	228	14658	0.346	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	12192	0.363	ng/ul	92
25) Benzo(k)fluoranthene	22.715	252	14442	0.359	ng/ul#	91
26) Benzo(a)pyrene	23.238	252	11863	0.376	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.530	276	15103	0.314	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.517	278	11798	0.310	ng/ul	99
29) Benzo(g,h,i)perylene	26.198	276	11946	0.313	ng/ul	96

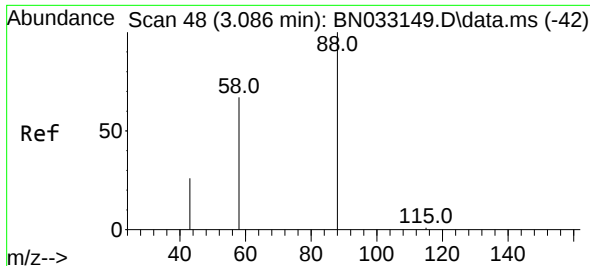
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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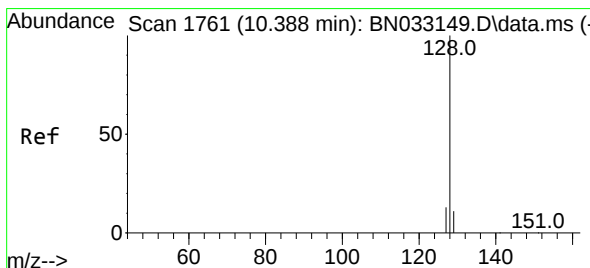
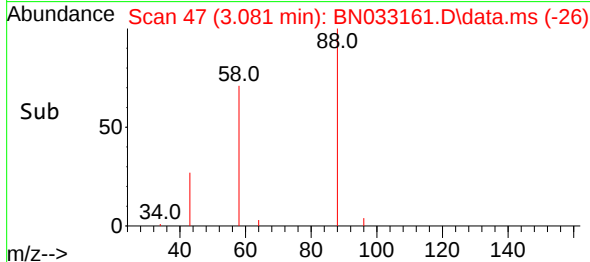
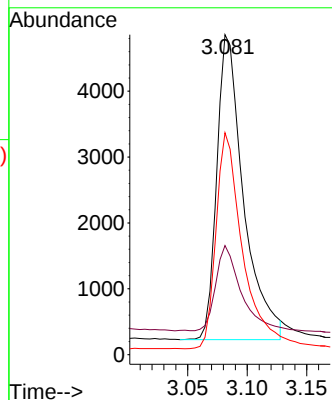
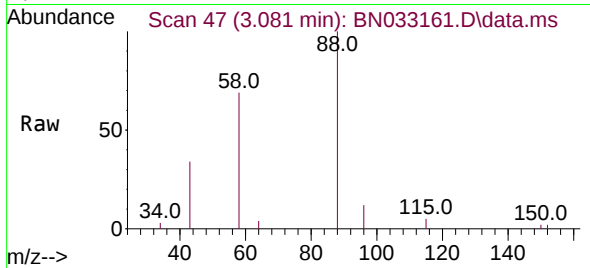




#2
1,4-Dioxane
Concen: 1.804 ng/ul
RT: 3.081 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

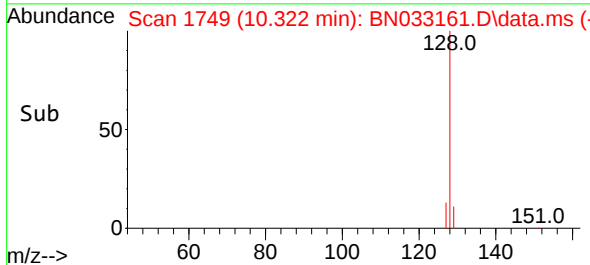
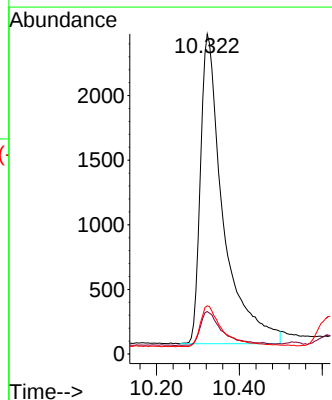
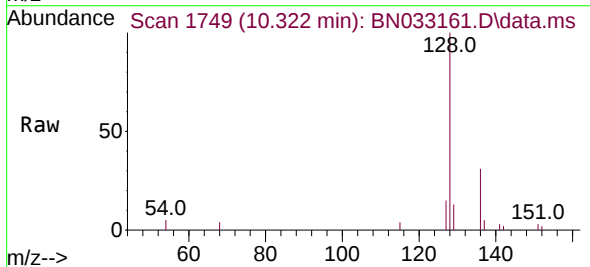
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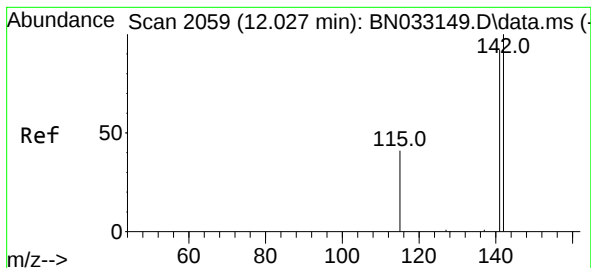
Tgt Ion: 88 Resp: 7229
Ion Ratio Lower Upper
88 100
43 34.1 63.4 95.2#
58 69.3 49.4 74.0



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.322 min Scan# 1749
Delta R.T. -0.055 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:128 Resp: 9121
Ion Ratio Lower Upper
128 100
129 13.2 12.0 18.0
127 15.1 12.7 19.1





#7

2-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 11.961 min Scan# 2047

Delta R.T. -0.044 min

Lab File: BN033161.D

Acq: 01 Aug 2024 10:08

Instrument :

BNA_N

ClientSampleId :

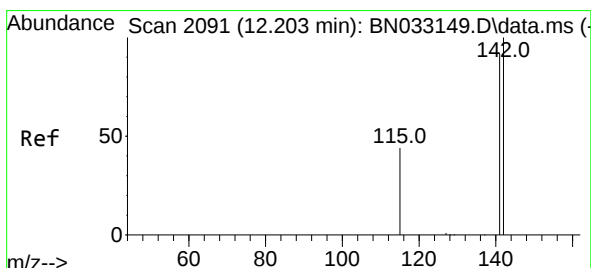
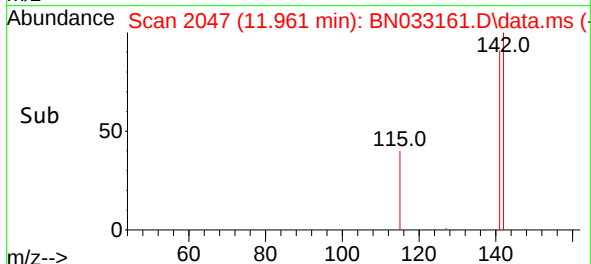
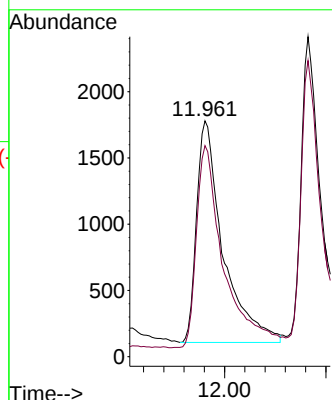
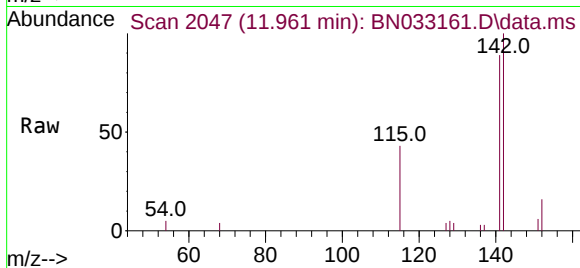
SLCS364

Tgt Ion:142 Resp: 6047

Ion Ratio Lower Upper

142 100

141 94.1 75.2 112.8



#8

1-Methylnaphthalene

Concen: 0.325 ng/ul

RT: 12.165 min Scan# 2084

Delta R.T. -0.033 min

Lab File: BN033161.D

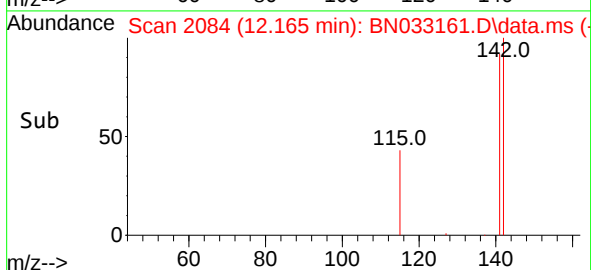
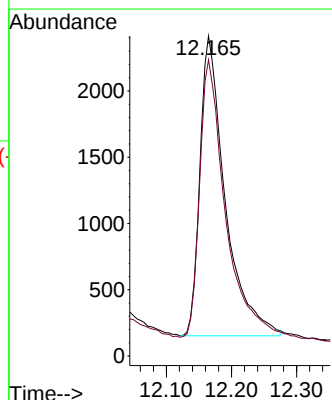
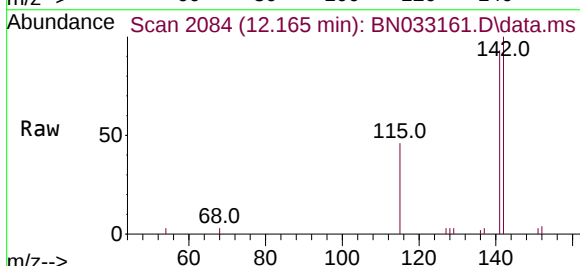
Acq: 01 Aug 2024 10:08

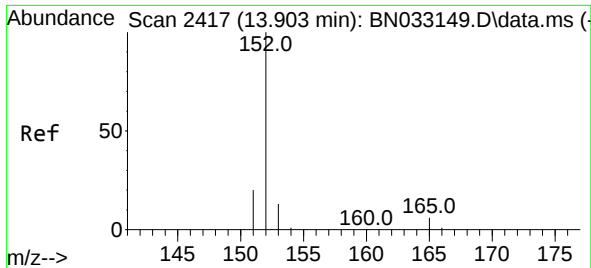
Tgt Ion:142 Resp: 6092

Ion Ratio Lower Upper

142 100

141 93.5 74.3 111.5

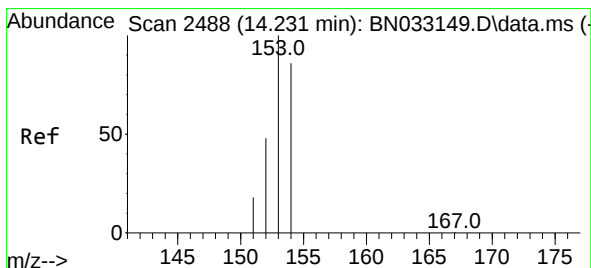
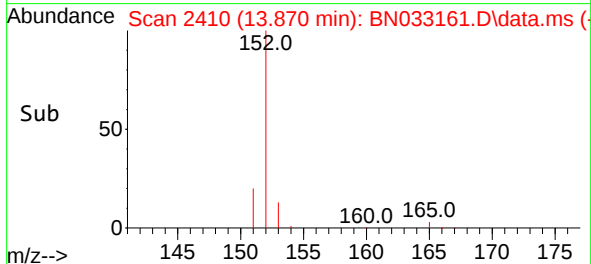
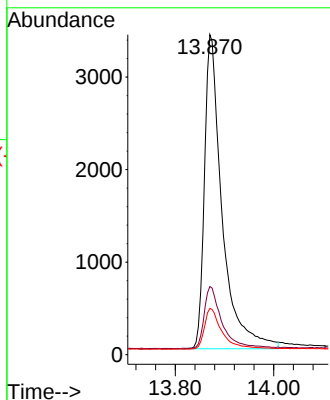
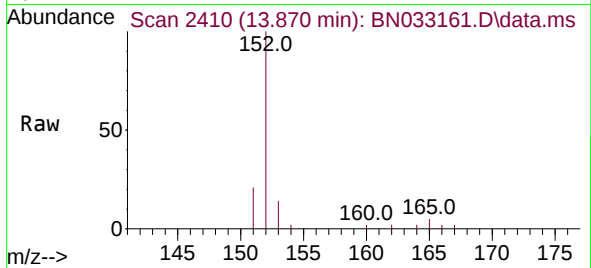




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

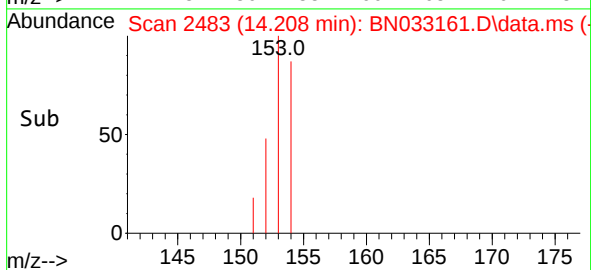
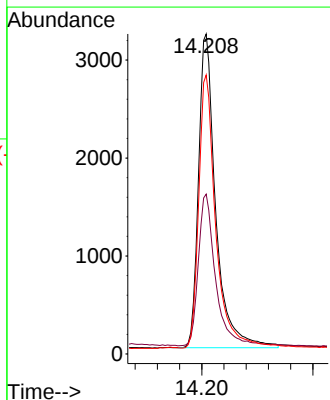
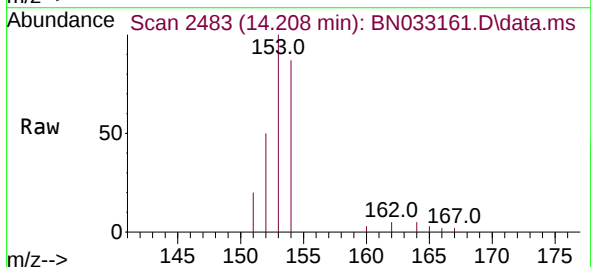
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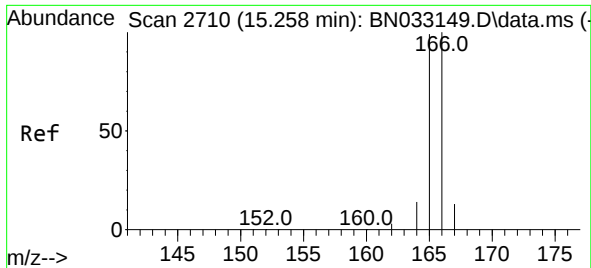
Tgt Ion:152 Resp: 8464
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.208 min Scan# 2483
Delta R.T. -0.018 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:153 Resp: 6926
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.2 70.1 105.1

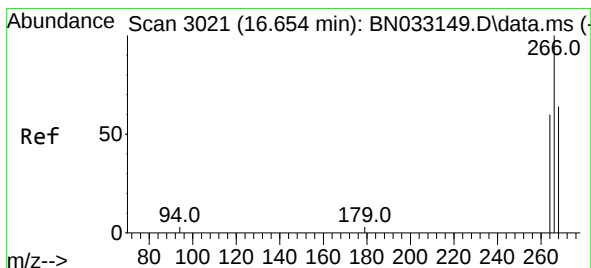
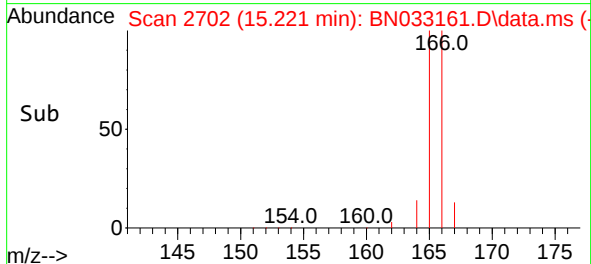
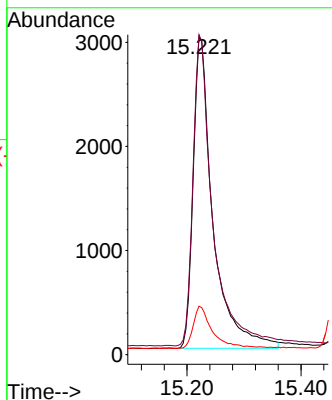
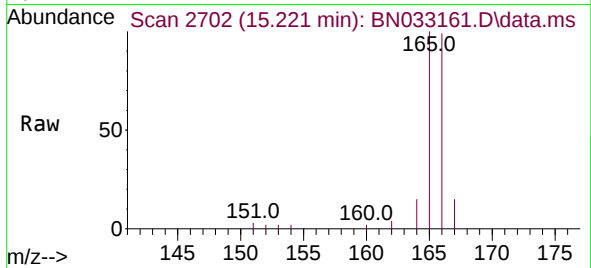




#12
 Fluorene
 Concen: 0.341 ng/ul
 RT: 15.221 min Scan# 21
 Delta R.T. -0.028 min
 Lab File: BN033161.D
 Acq: 01 Aug 2024 10:08

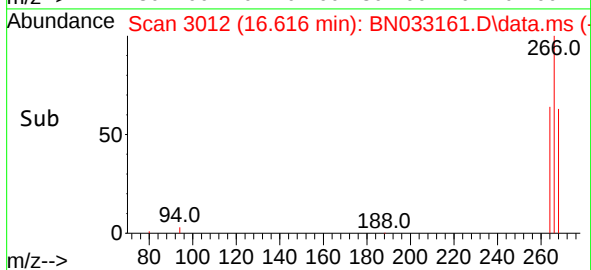
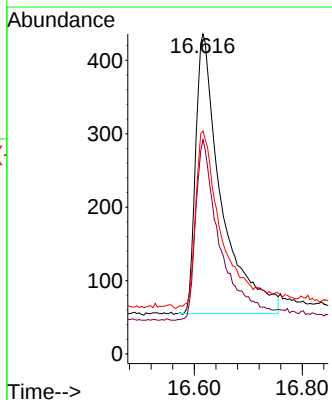
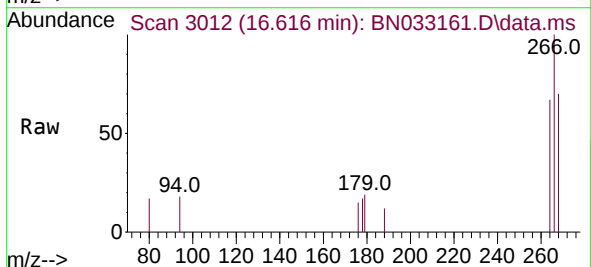
Instrument :
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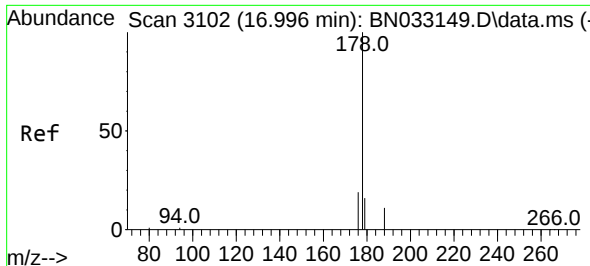
Tgt Ion:166 Resp: 7230
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.6 119.4
 167 15.3 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.489 ng/ul
 RT: 16.616 min Scan# 3012
 Delta R.T. -0.025 min
 Lab File: BN033161.D
 Acq: 01 Aug 2024 10:08

Tgt Ion:266 Resp: 1252
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.3 73.9
 268 66.7 51.8 77.8

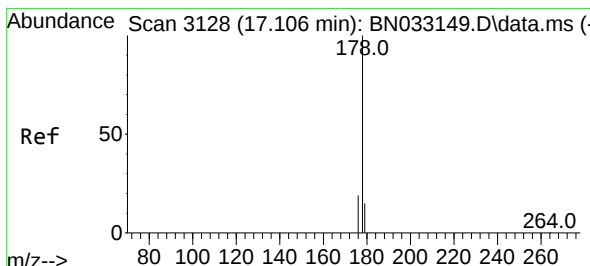
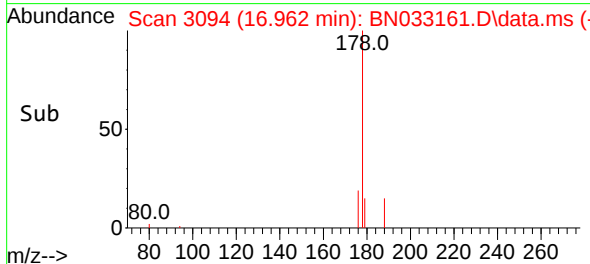
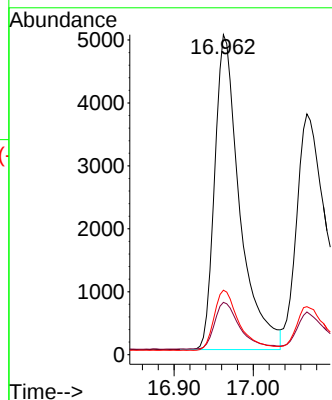
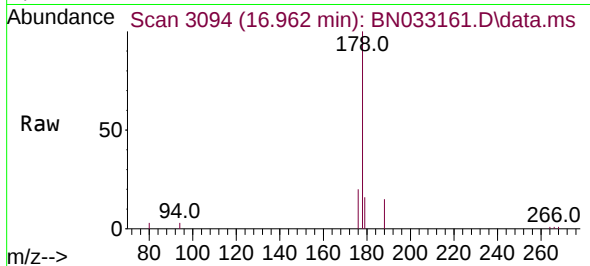




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 16.962 min Scan# 3102
Delta R.T. -0.021 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

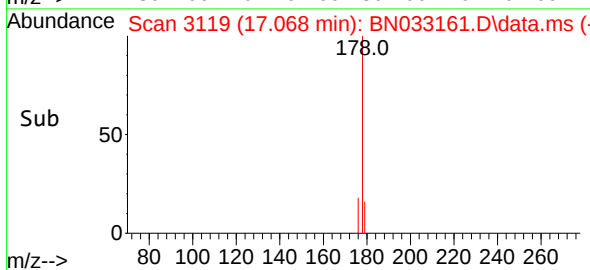
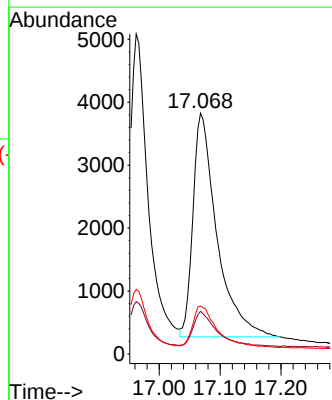
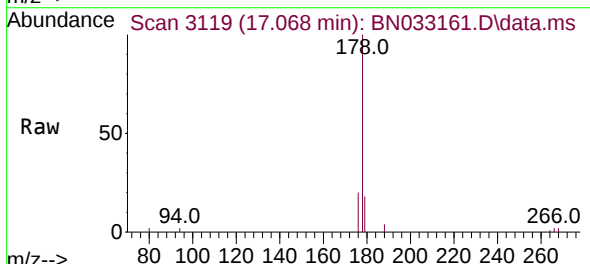
Instrument :
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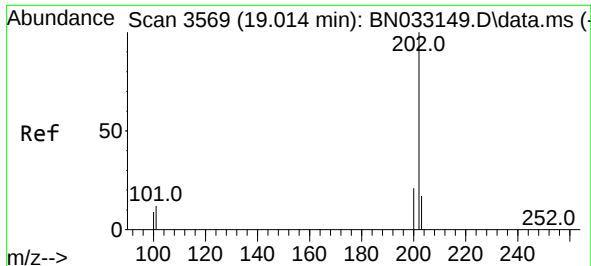
Tgt Ion:	178	Resp:	11012
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.7	20.5
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.021 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:	178	Resp:	9721
Ion Ratio	Lower	Upper	
178	100		
179	17.7	14.3	21.5
176	19.9	15.8	23.8

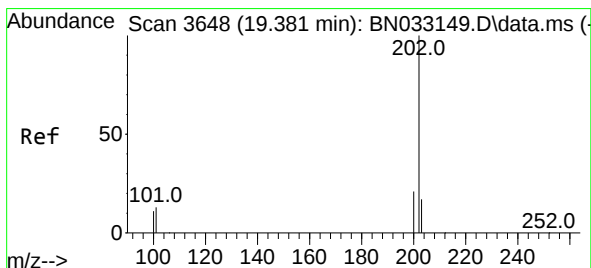
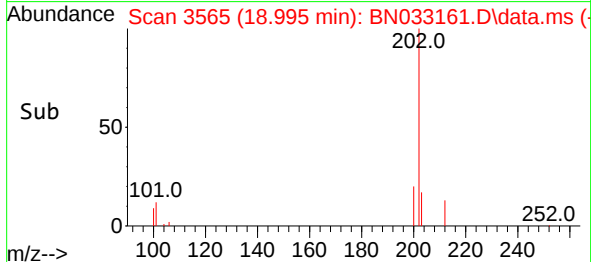
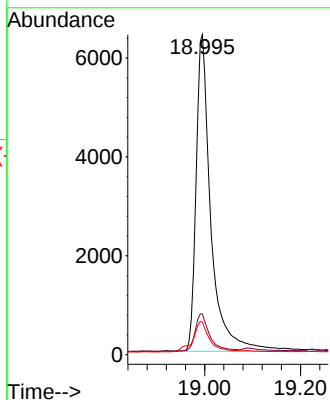
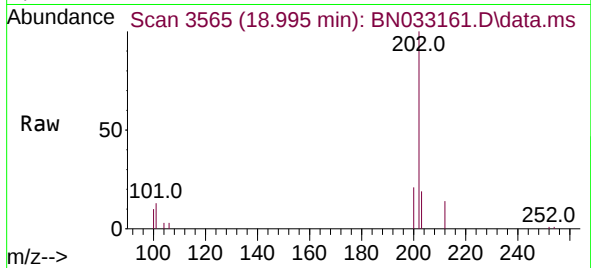




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 18.995 min Scan# 3565
Delta R.T. -0.009 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

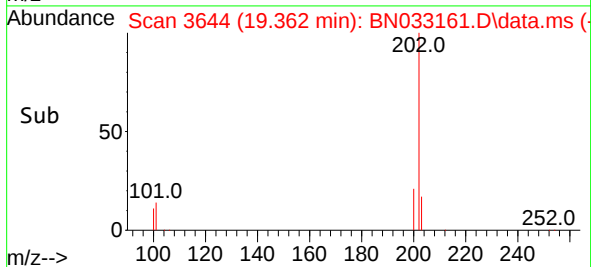
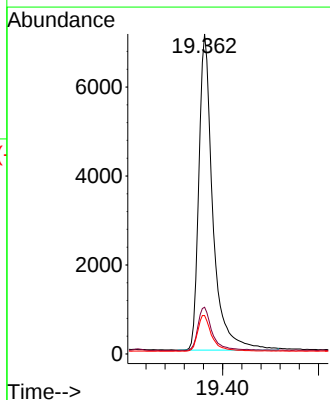
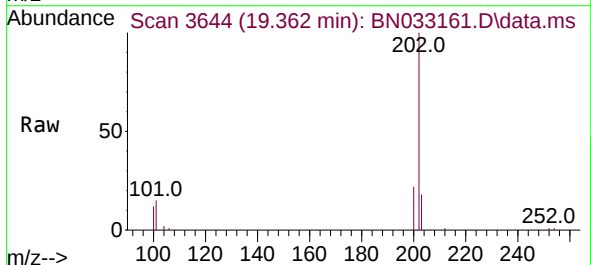
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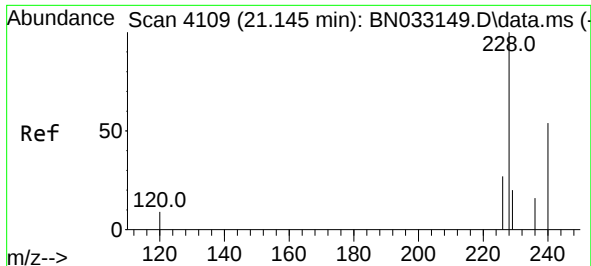
Tgt Ion:202 Resp: 13743
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.2 8.3 12.5



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:202 Resp: 14444
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.0 9.9 14.9

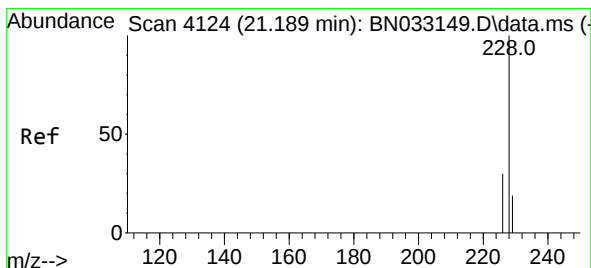
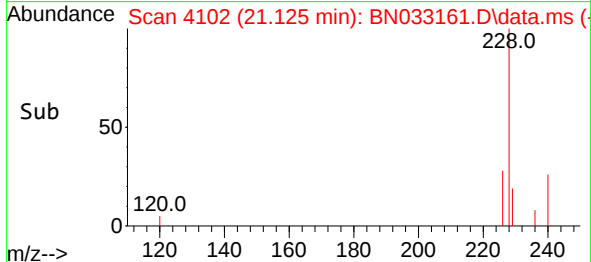
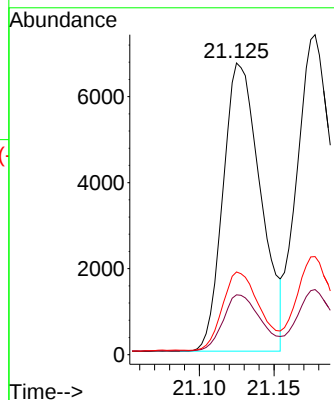
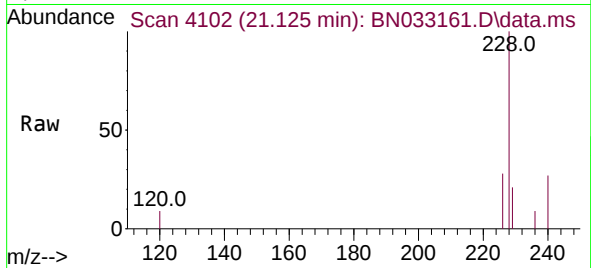




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.125 min Scan# 4109
Delta R.T. -0.011 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

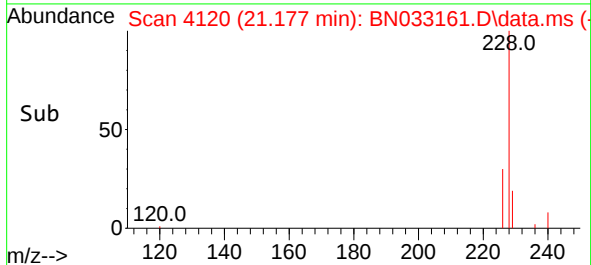
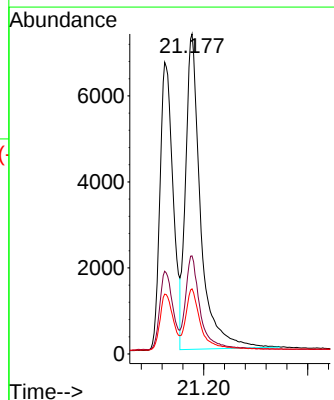
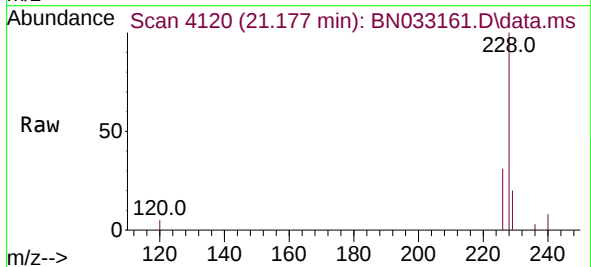
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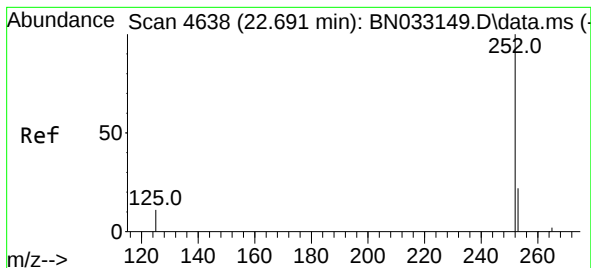
Tgt Ion:228 Resp: 11741
Ion Ratio Lower Upper
228 100
229 20.5 17.1 25.7
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.011 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:228 Resp: 14658
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 20.3 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 22.671 min Scan# 4631

Delta R.T. -0.011 min

Lab File: BN033161.D

Acq: 01 Aug 2024 10:08

Instrument :

BNA_N

ClientSampleId :

SLCS364

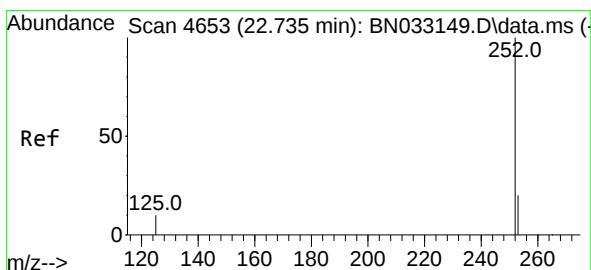
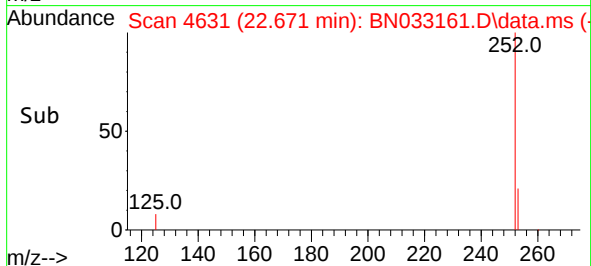
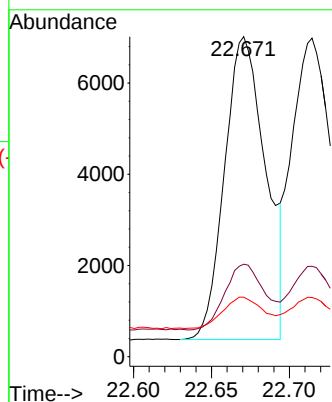
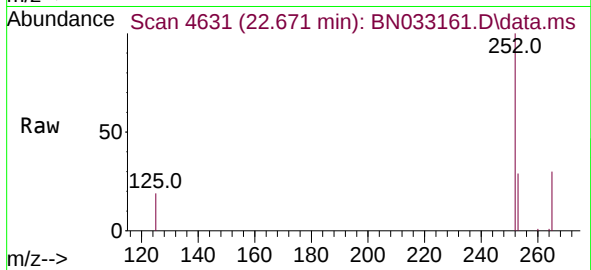
Tgt Ion:252 Resp: 12192

Ion Ratio Lower Upper

252 100

253 28.9 0.0 60.6

125 18.6 0.0 51.0



#25

Benzo(k)fluoranthene

Concen: 0.359 ng/ul

RT: 22.715 min Scan# 4646

Delta R.T. -0.011 min

Lab File: BN033161.D

Acq: 01 Aug 2024 10:08

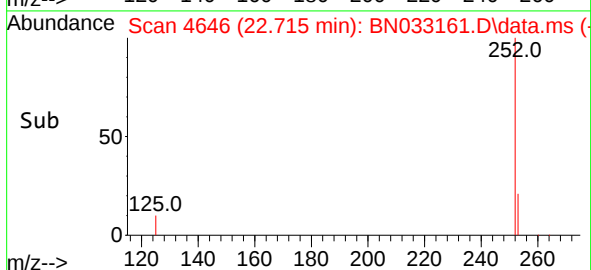
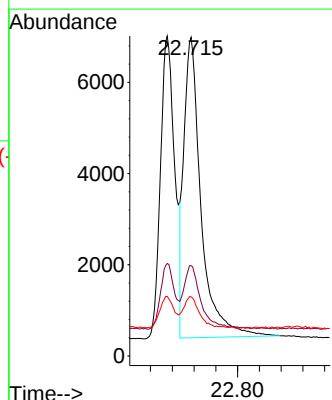
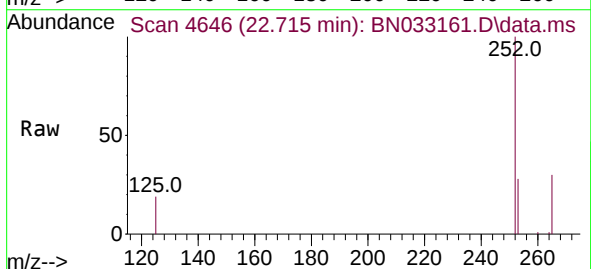
Tgt Ion:252 Resp: 14442

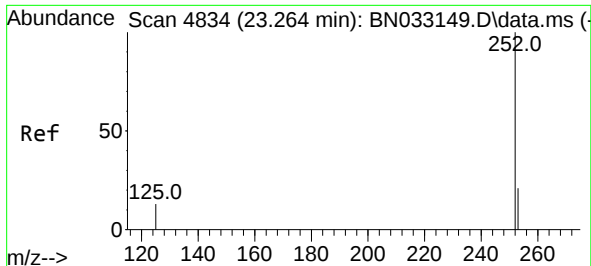
Ion Ratio Lower Upper

252 100

253 28.4 24.9 37.3

125 18.6 20.9 31.3#

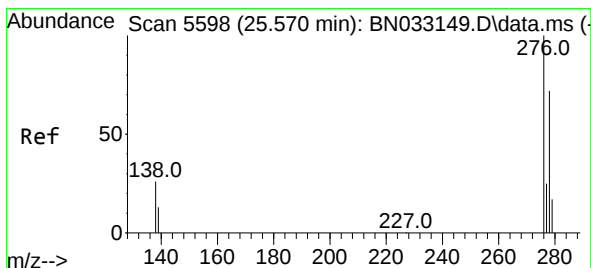
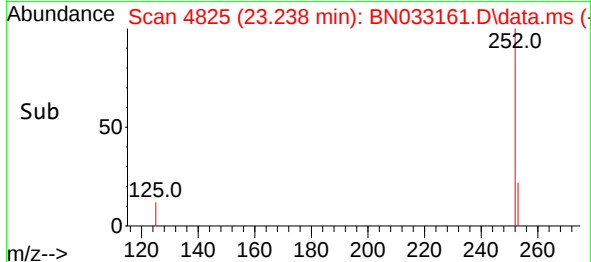
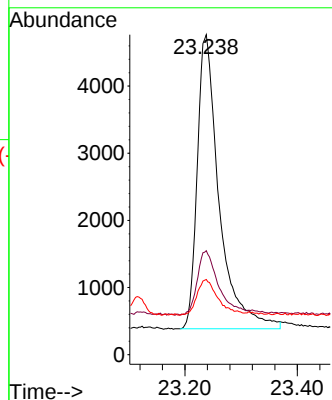
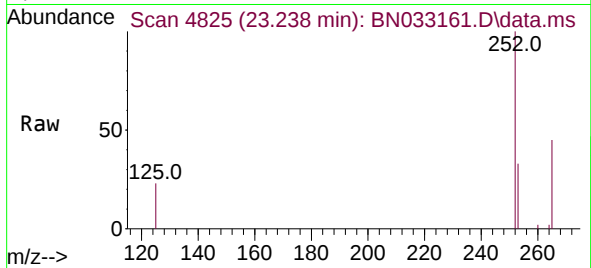




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.238 min Scan# 4825
Delta R.T. -0.011 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

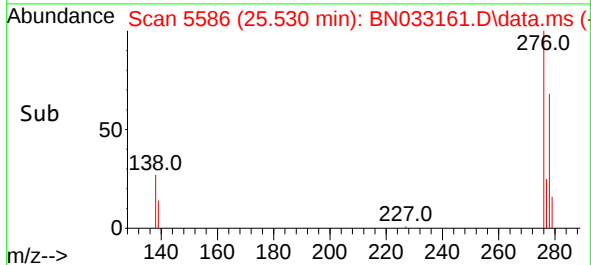
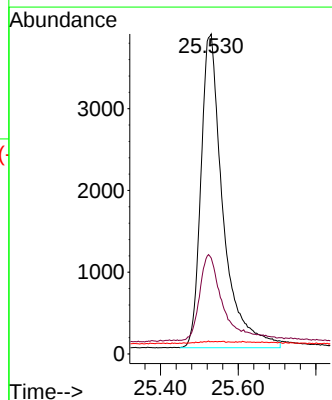
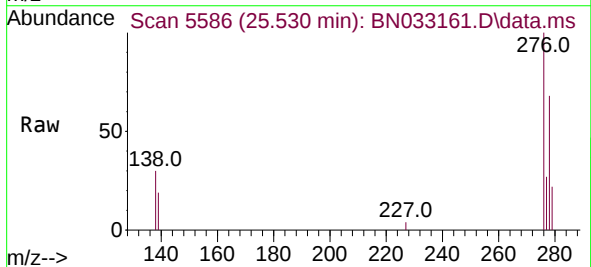
Instrument :
BNA_N
ClientSampleId :
SLCS364

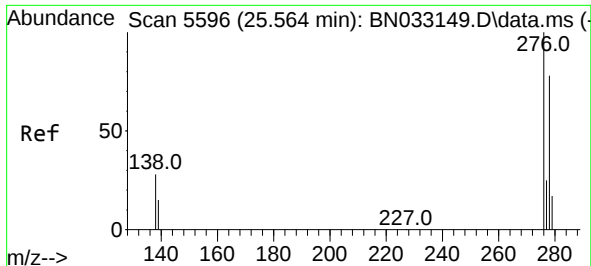
Tgt Ion:252 Resp: 11863
Ion Ratio Lower Upper
252 100
253 32.5 27.5 41.3
125 23.5 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.010 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

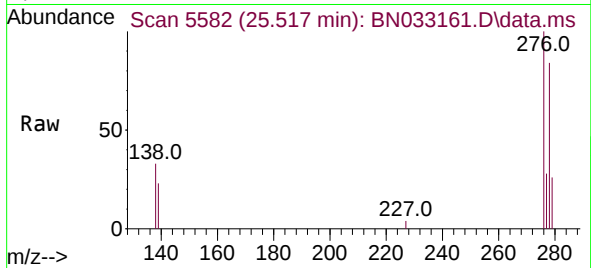
Tgt Ion:276 Resp: 15103
Ion Ratio Lower Upper
276 100
138 29.0 21.8 32.8
227 0.5 0.2 0.2#



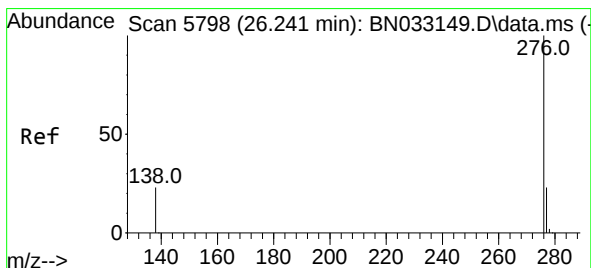
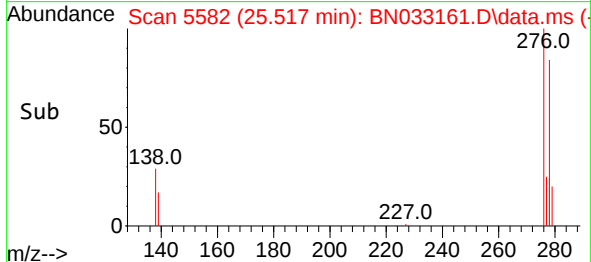
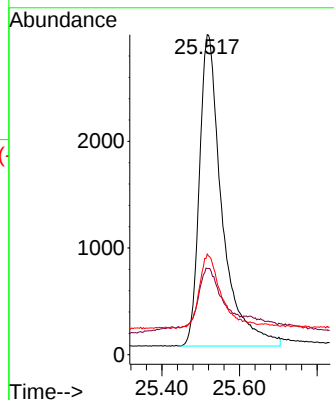


#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 25.517 min Scan# 517
Delta R.T. -0.023 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Instrument :
BNA_N
ClientSampleId :
SLCS364



Tgt Ion:278 Resp: 11798
Ion Ratio Lower Upper
278 100
139 26.9 22.5 33.7
279 31.4 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.198 min Scan# 5785
Delta R.T. -0.020 min
Lab File: BN033161.D
Acq: 01 Aug 2024 10:08

Tgt Ion:276 Resp: 11946
Ion Ratio Lower Upper
276 100
138 28.5 24.6 37.0
277 26.4 22.6 34.0

