

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033159.D
 Acq On : 01 Aug 2024 08:55
 Operator : MA/JU
 Sample : PB162174BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS174

Quant Time: Aug 01 10:53:56 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

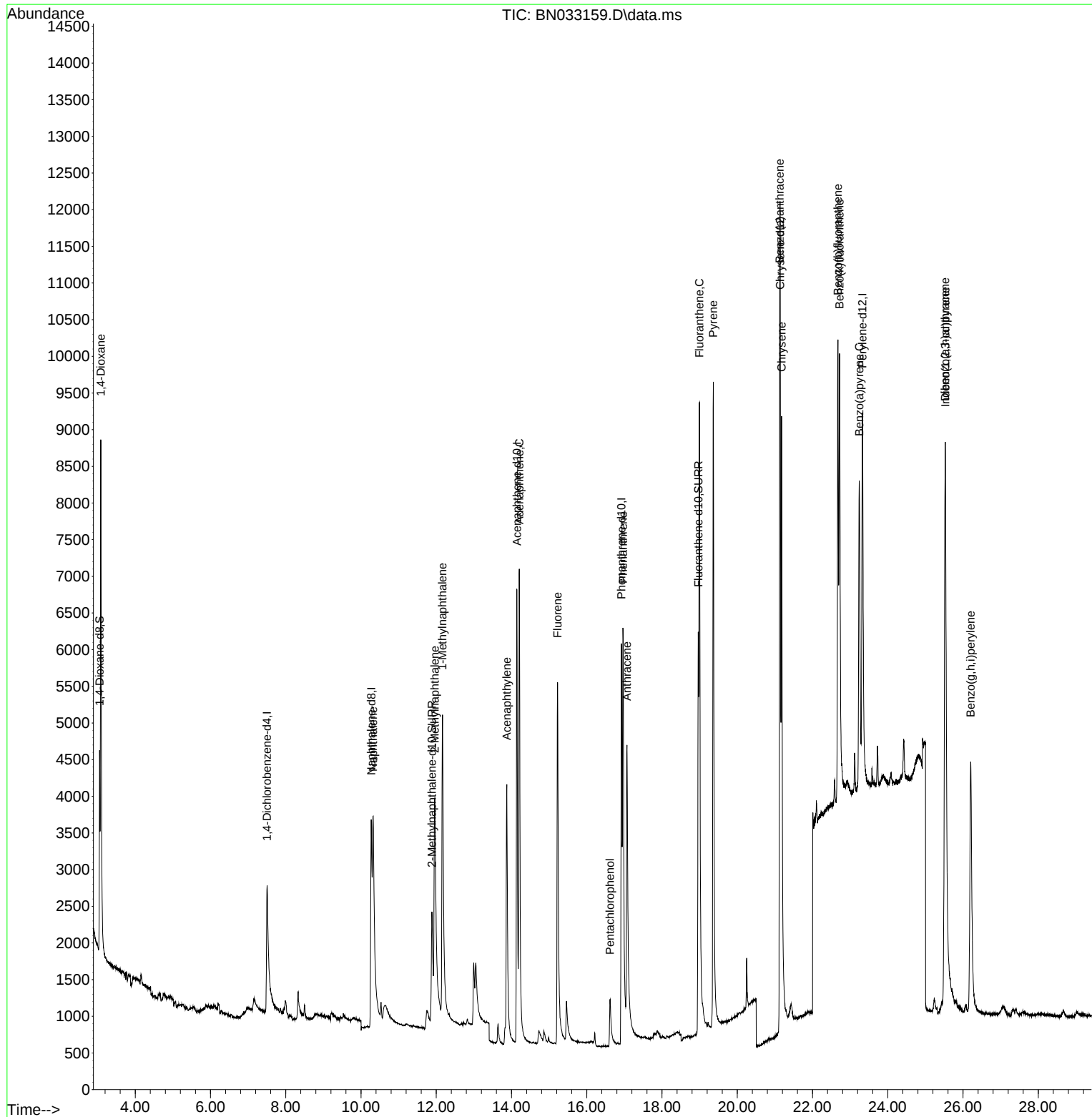
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	2401	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.273	136	7986	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164	4737	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.920	188	9889	0.400	ng/ul	-0.02
17) Chrysene-d12	21.139	240	7937	0.400	ng/ul	-0.01
23) Perylene-d12	23.326	264	8433	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1901	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.884	152	4142	0.318	ng/ul	-0.04
18) Fluoranthene-d10	18.963	212	8823	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	5491	1.586	ng/ul#	71
5) Naphthalene	10.322	128	6976	0.340	ng/ul	99
7) 2-Methylnaphthalene	11.961	142	4537	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.165	142	4817	0.321	ng/ul	98
10) Acenaphthylene	13.875	152	6463	0.333	ng/ul	99
11) Acenaphthene	14.208	153	5340	0.366	ng/ul	100
12) Fluorene	15.221	166	5522	0.325	ng/ul	100
14) Pentachlorophenol	16.620	266	902	0.448	ng/ul	99
15) Phenanthrene	16.962	178	8235	0.310	ng/ul	98
16) Anthracene	17.068	178	7465	0.313	ng/ul	100
19) Fluoranthene	18.995	202	10441	0.400	ng/ul	100
20) Pyrene	19.362	202	10984	0.392	ng/ul	99
21) Benzo(a)anthracene	21.128	228	8464	0.313	ng/ul	99
22) Chrysene	21.177	228	11030	0.349	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	8545	0.347	ng/ul	97
25) Benzo(k)fluoranthene	22.717	252	10522	0.356	ng/ul	96
26) Benzo(a)pyrene	23.241	252	8558	0.369	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.530	276	11530	0.327	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.524	278	8965	0.321	ng/ul	98
29) Benzo(g,h,i)perylene	26.201	276	8540	0.305	ng/ul	99

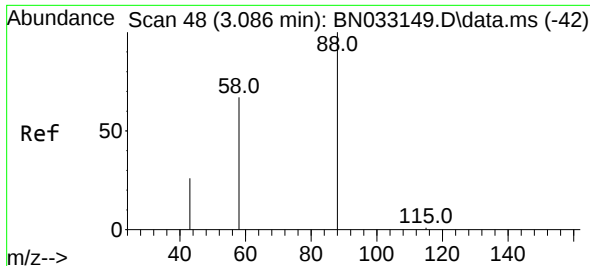
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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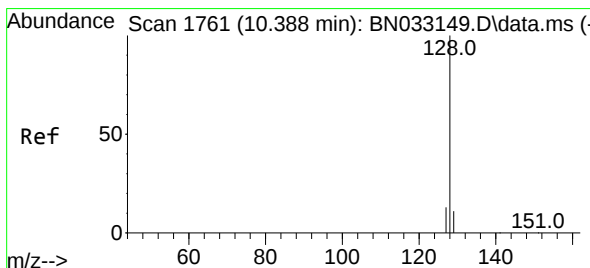
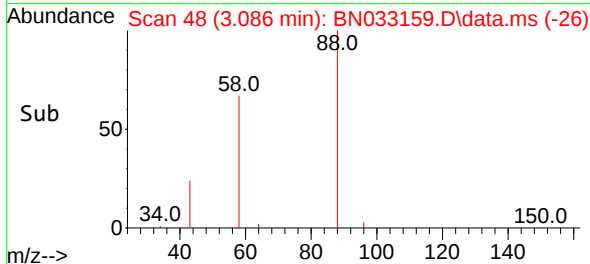
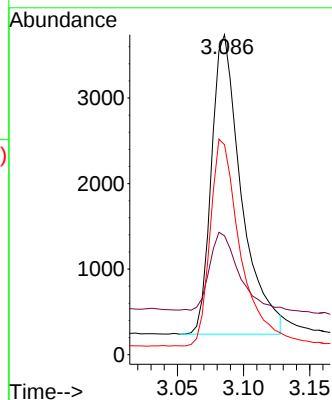
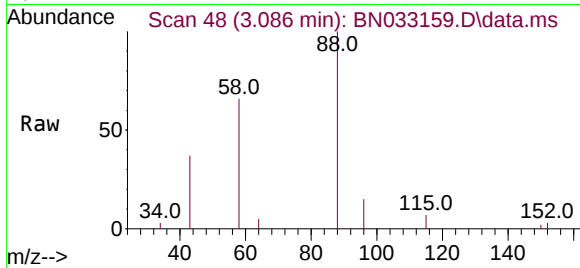




#2
 1,4-Dioxane
 Concen: 1.586 ng/ul
 RT: 3.086 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN033159.D
 Acq: 01 Aug 2024 08:55

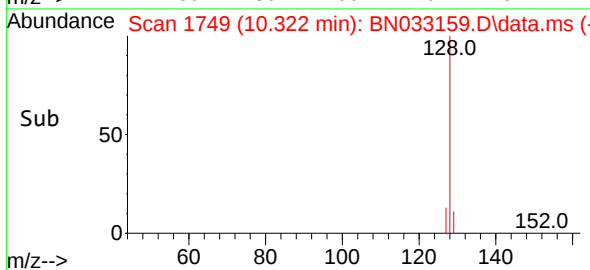
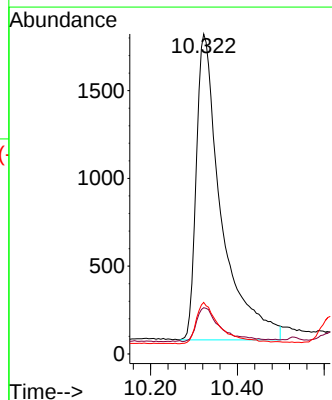
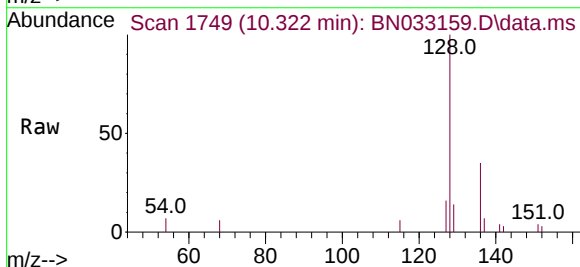
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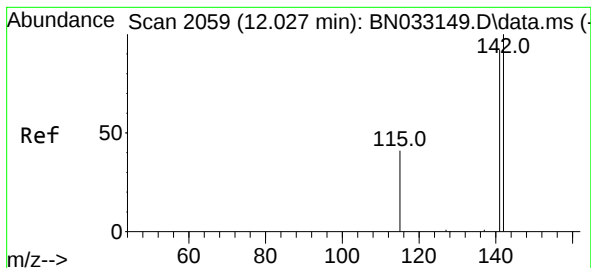
Tgt Ion: 88 Resp: 5491
 Ion Ratio Lower Upper
 88 100
 43 37.2 63.4 95.2#
 58 65.6 49.4 74.0



#5
 Naphthalene
 Concen: 0.340 ng/ul
 RT: 10.322 min Scan# 1749
 Delta R.T. -0.055 min
 Lab File: BN033159.D
 Acq: 01 Aug 2024 08:55

Tgt Ion: 128 Resp: 6976
 Ion Ratio Lower Upper
 128 100
 129 14.4 12.0 18.0
 127 16.1 12.7 19.1

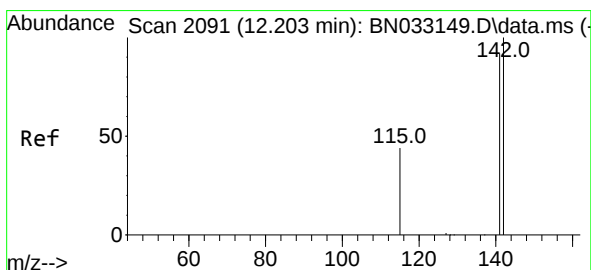
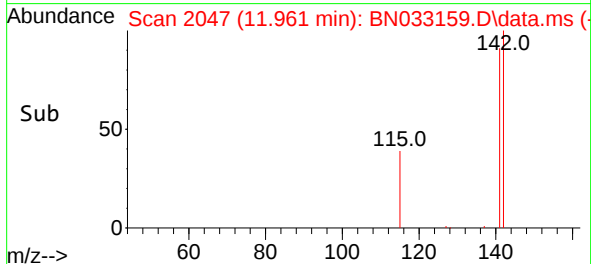
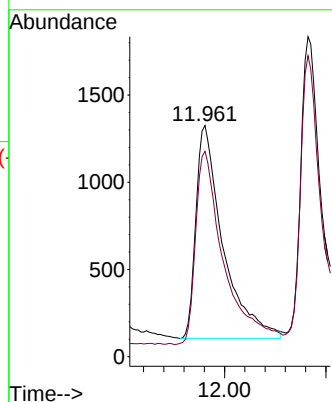
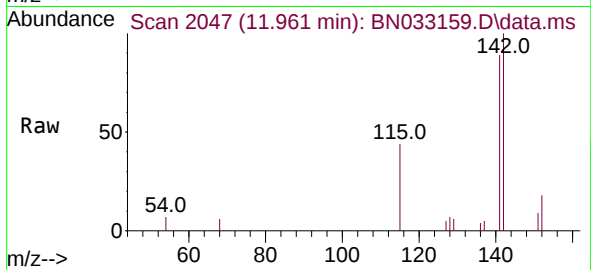




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.044 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

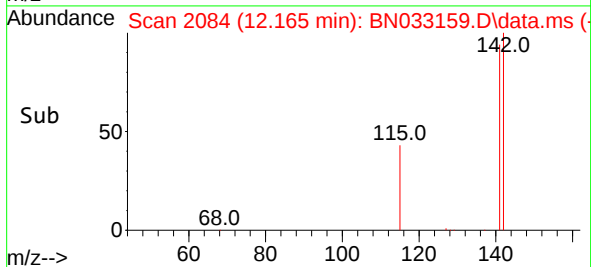
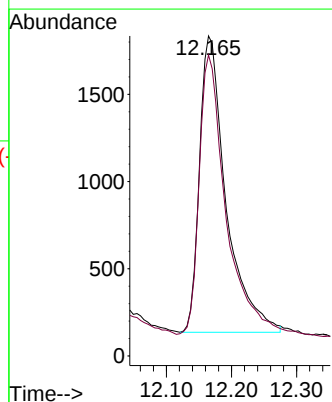
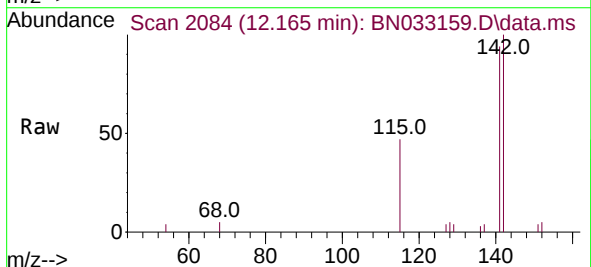
Instrument :
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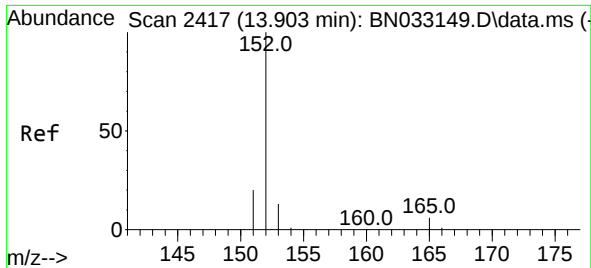
Tgt Ion:142 Resp: 4537
Ion Ratio Lower Upper
142 100
141 94.8 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion:142 Resp: 4817
Ion Ratio Lower Upper
142 100
141 94.4 74.3 111.5

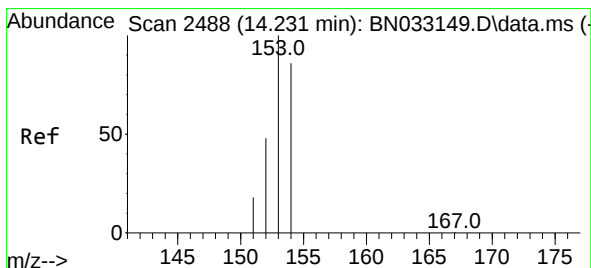
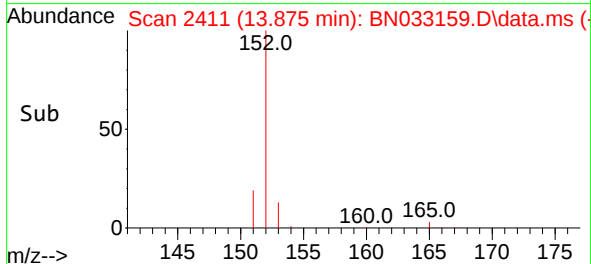
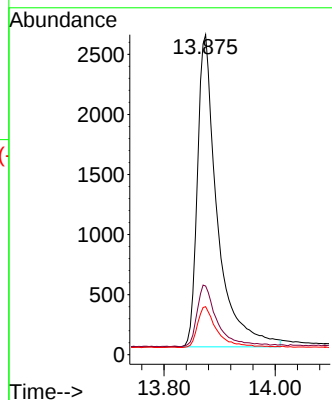
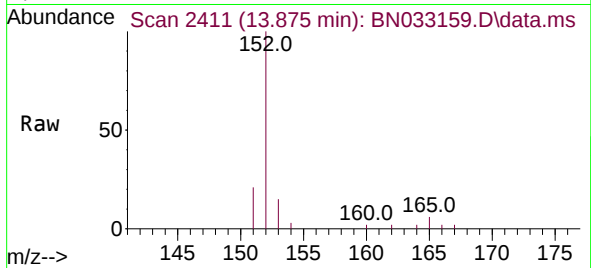




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

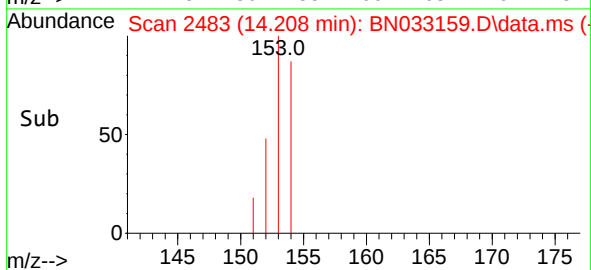
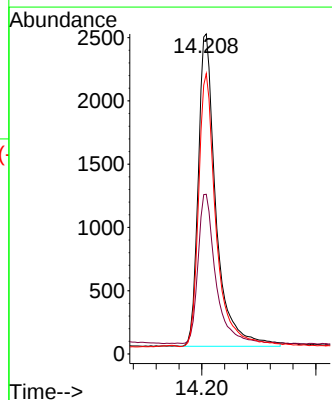
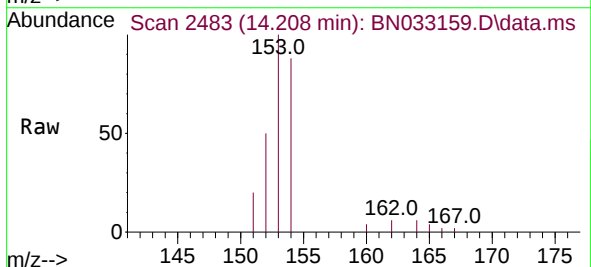
Instrument :
BNA_N
ClientSampleId :
SLCS174

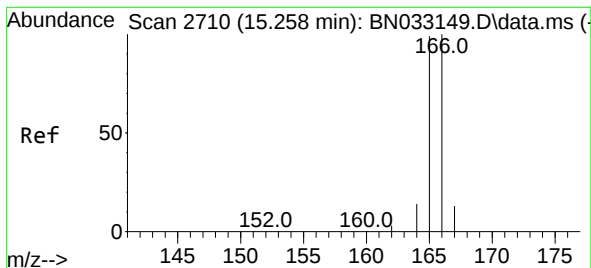
Tgt Ion:152 Resp: 6463
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 15.0 11.9 17.9



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.208 min Scan# 2483
Delta R.T. -0.018 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion:153 Resp: 5340
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.6 70.1 105.1





#12

Fluorene

Concen: 0.325 ng/ul

RT: 15.221 min Scan# 21

Delta R.T. -0.028 min

Lab File: BN033159.D

Acq: 01 Aug 2024 08:55

Instrument :

BNA_N

ClientSampleId :

SLCS174

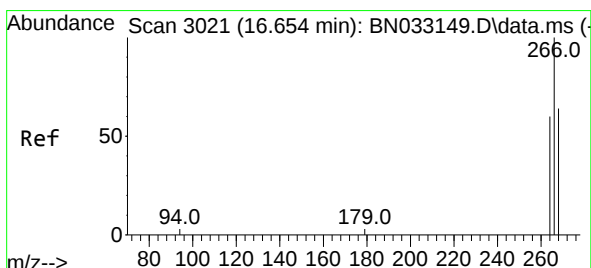
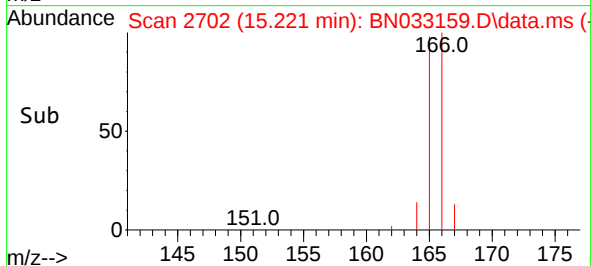
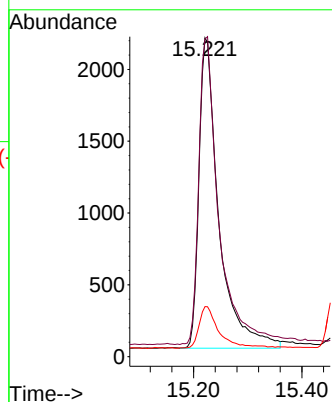
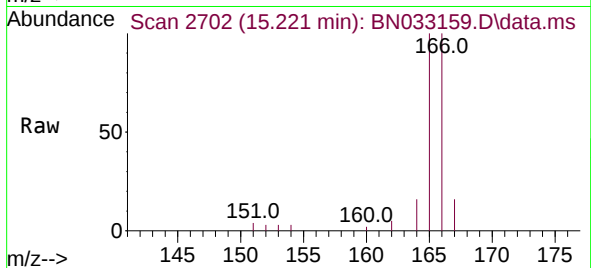
Tgt Ion:166 Resp: 5522

Ion Ratio Lower Upper

166 100

165 99.6 79.6 119.4

167 15.7 12.2 18.4



#14

Pentachlorophenol

Concen: 0.448 ng/ul

RT: 16.620 min Scan# 3013

Delta R.T. -0.021 min

Lab File: BN033159.D

Acq: 01 Aug 2024 08:55

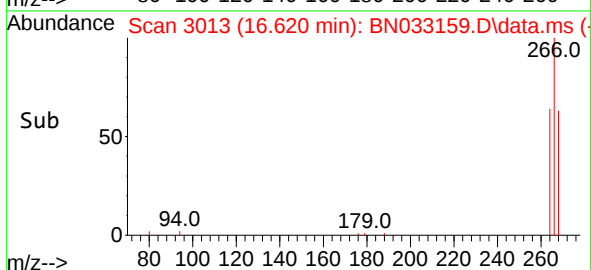
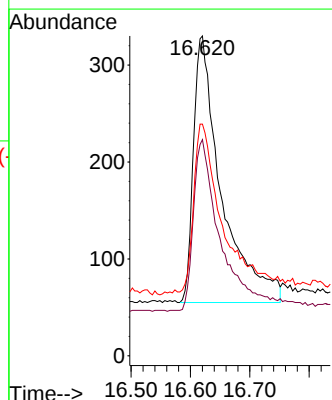
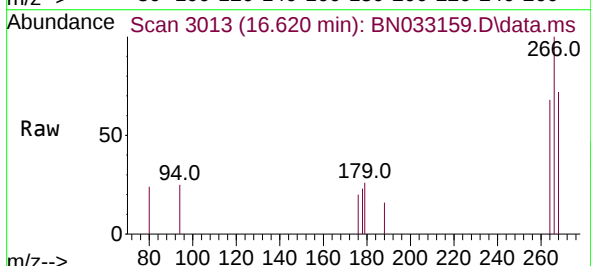
Tgt Ion:266 Resp: 902

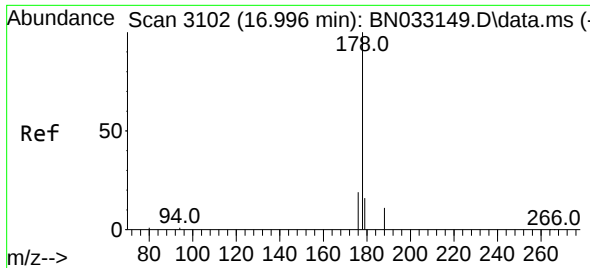
Ion Ratio Lower Upper

266 100

264 63.4 49.3 73.9

268 64.6 51.8 77.8

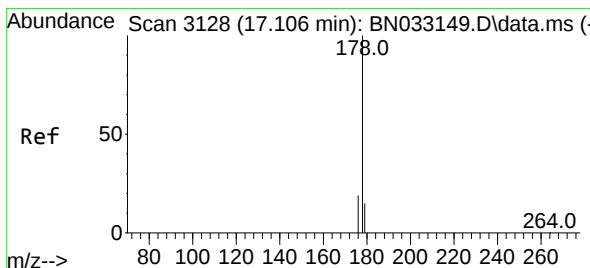
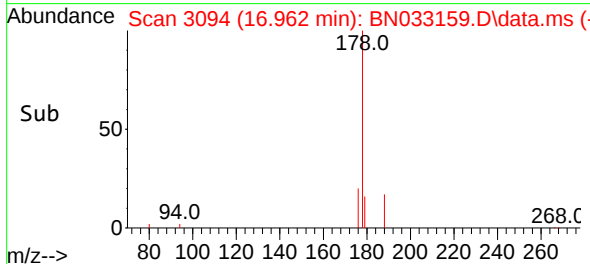
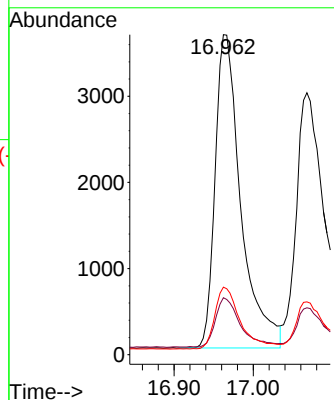
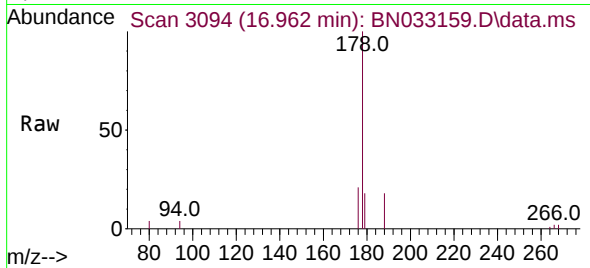




#15
Phenanthrene
Concen: 0.310 ng/u1
RT: 16.962 min Scan# 3102
Delta R.T. -0.021 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

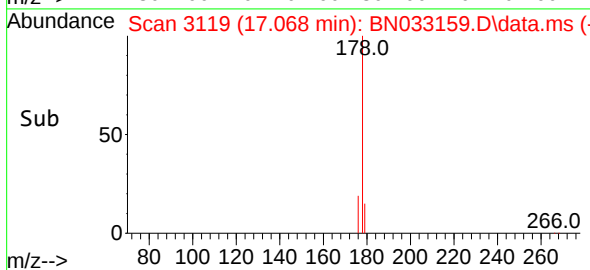
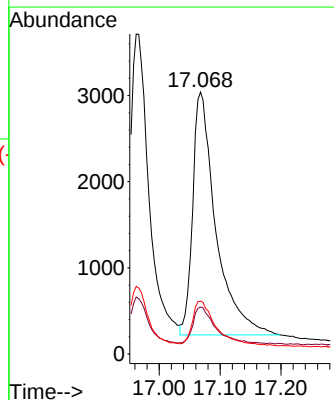
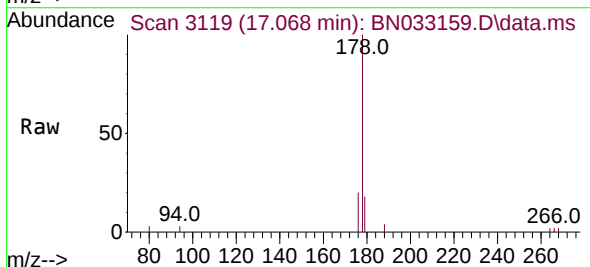
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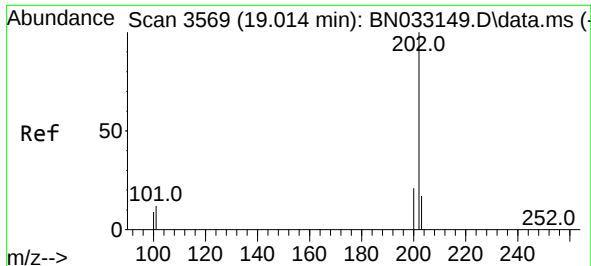
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.7	20.5
176	21.1	15.9	23.9



#16
Anthracene
Concen: 0.313 ng/u1
RT: 17.068 min Scan# 3119
Delta R.T. -0.021 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.3	21.5
176	20.2	15.8	23.8

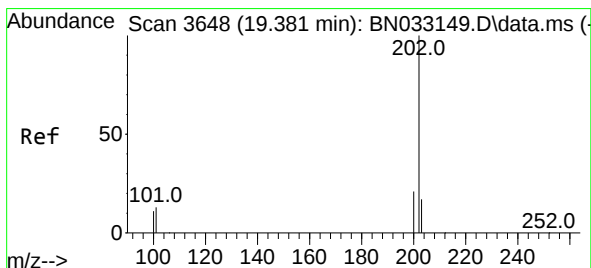
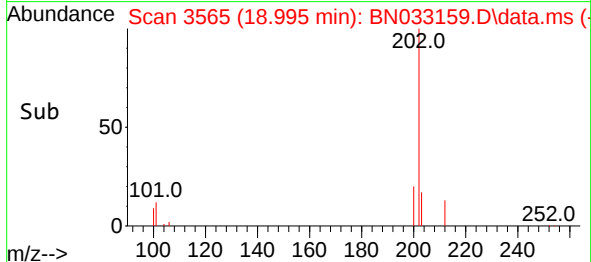
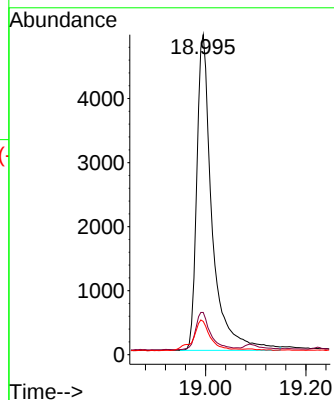
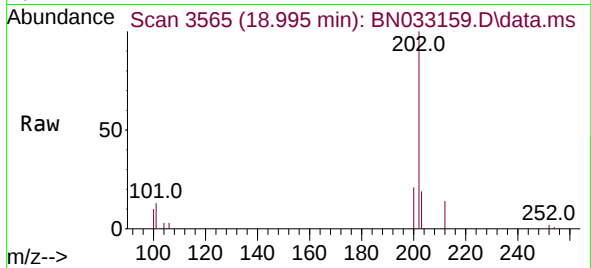




#19
Fluoranthene
Concen: 0.400 ng/u1
RT: 18.995 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

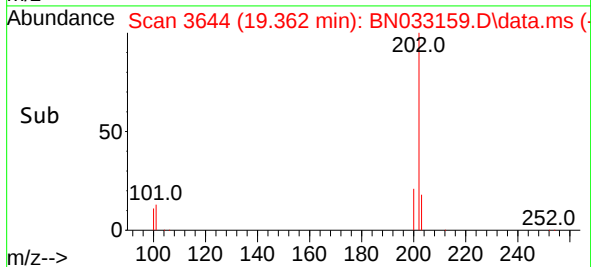
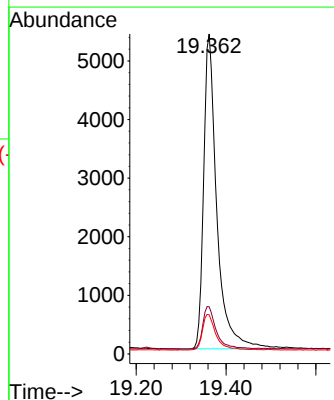
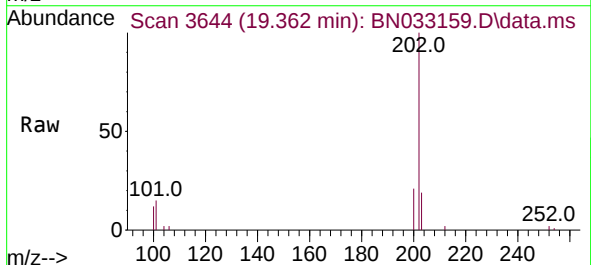
Instrument :
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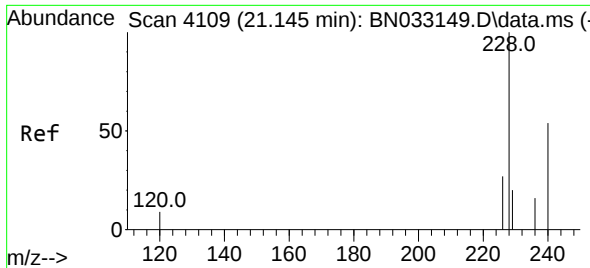
Tgt Ion:202 Resp: 10441
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.4 8.3 12.5



#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.362 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

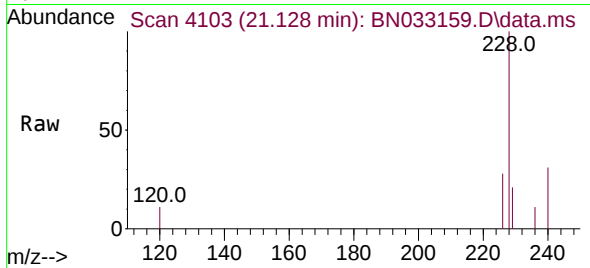
Tgt Ion:202 Resp: 10984
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.9 14.9



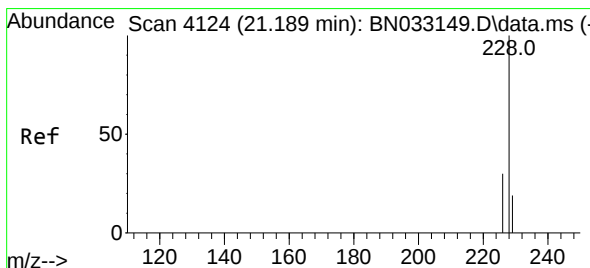
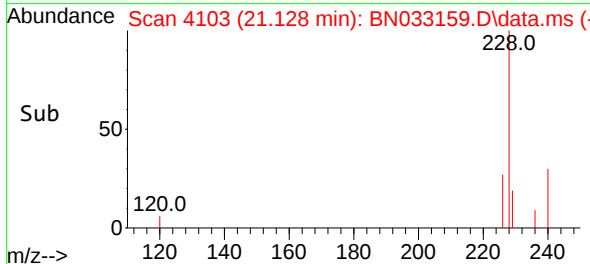
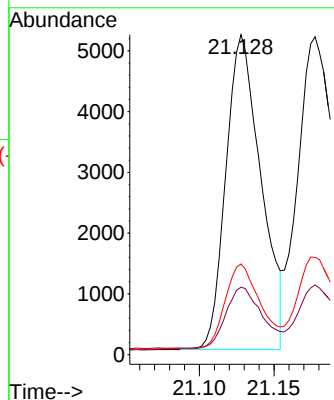


#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.128 min Scan# 4103
Delta R.T. -0.009 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Instrument :
BNA_N
ClientSampleId :
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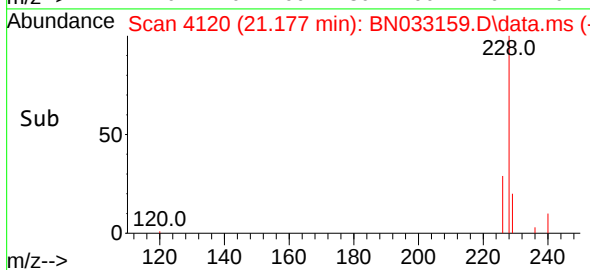
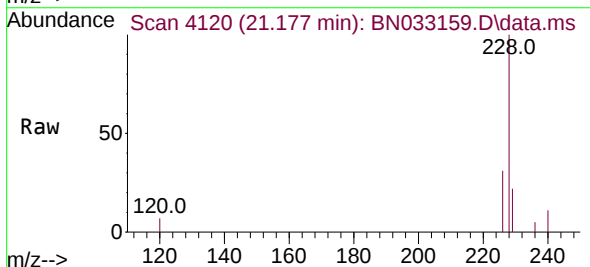
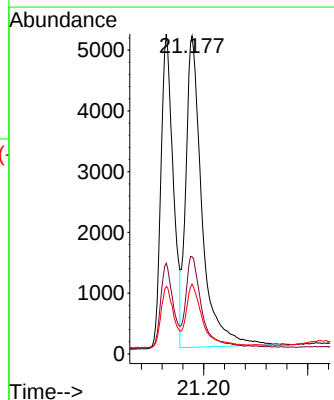


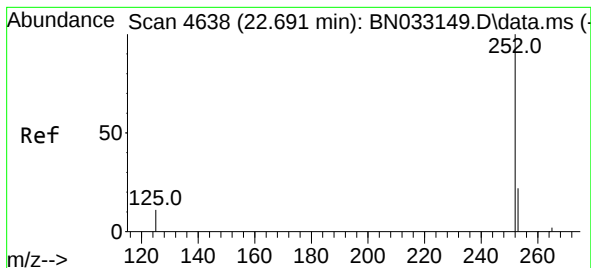
Tgt Ion:228 Resp: 8464
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.011 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion:228 Resp: 11030
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 21.9 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.347 ng/ul

RT: 22.674 min Scan# 4632

Delta R.T. -0.009 min

Lab File: BN033159.D

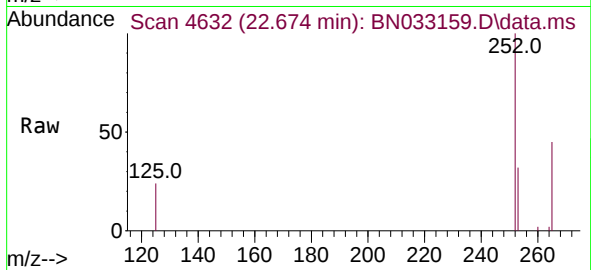
Acq: 01 Aug 2024 08:55

Instrument :

BNA_N

ClientSampleId :

SLCS174



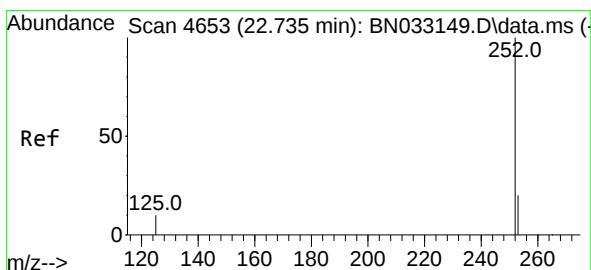
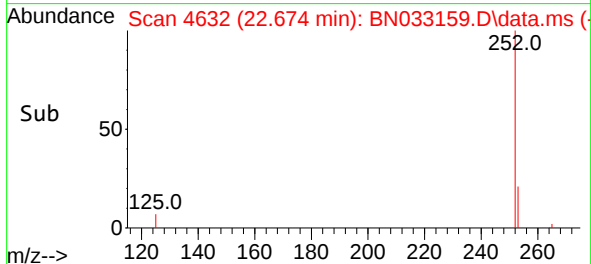
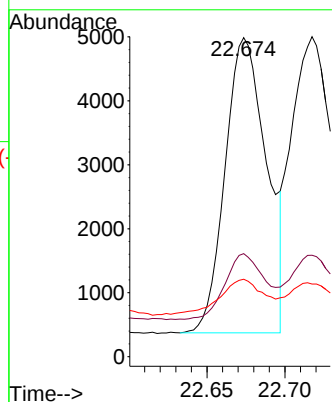
Tgt Ion:252 Resp: 8545

Ion Ratio Lower Upper

252 100

253 32.3 0.0 60.6

125 24.3 0.0 51.0



#25

Benzo(k)fluoranthene

Concen: 0.356 ng/ul

RT: 22.717 min Scan# 4647

Delta R.T. -0.009 min

Lab File: BN033159.D

Acq: 01 Aug 2024 08:55

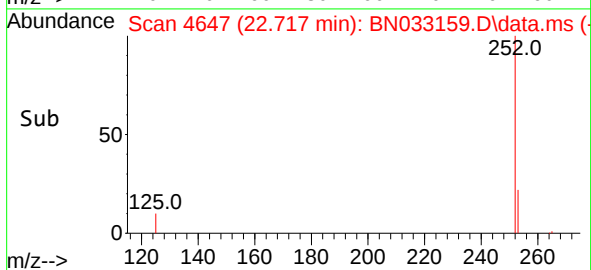
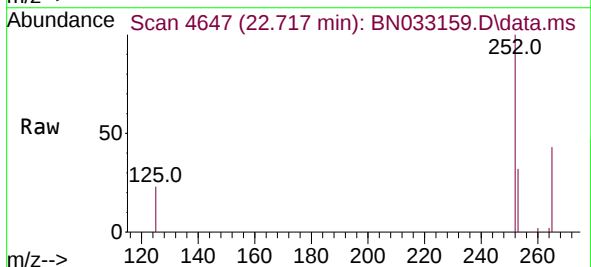
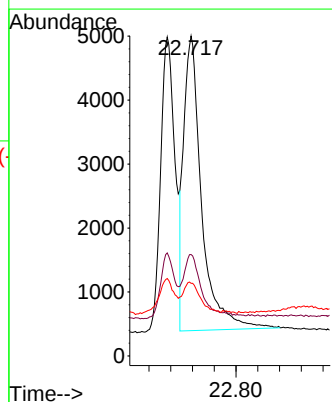
Tgt Ion:252 Resp: 10522

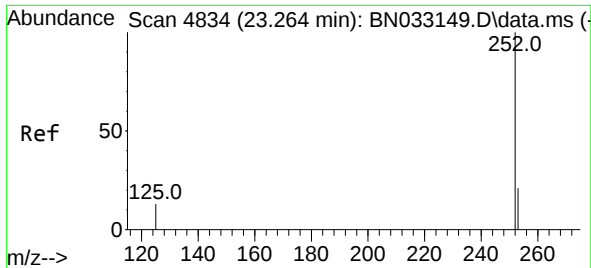
Ion Ratio Lower Upper

252 100

253 31.7 24.9 37.3

125 22.7 20.9 31.3

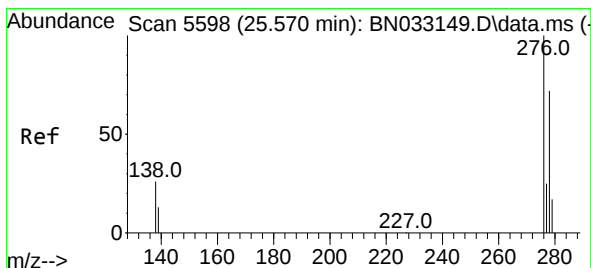
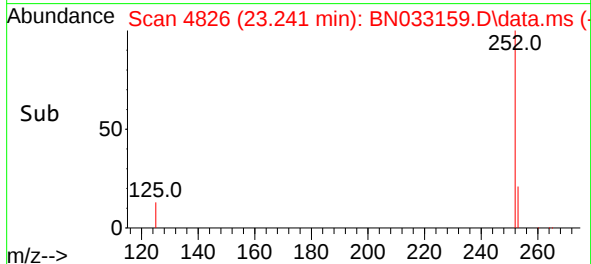
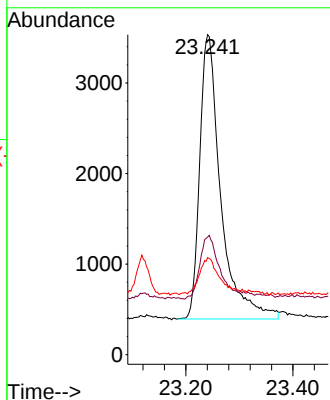
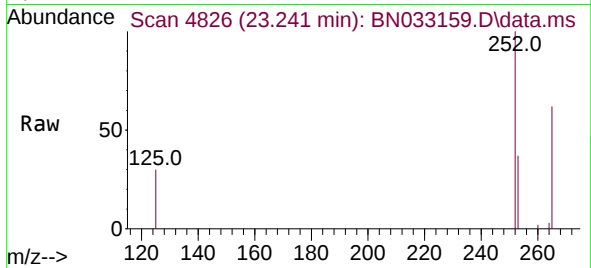




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.241 min Scan# 4826
Delta R.T. -0.009 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

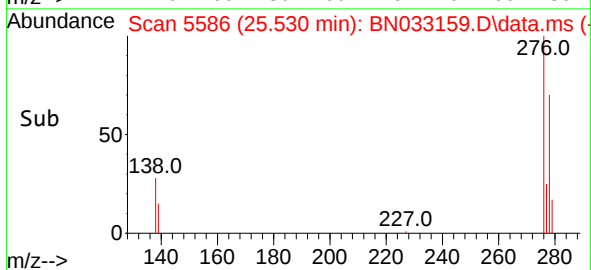
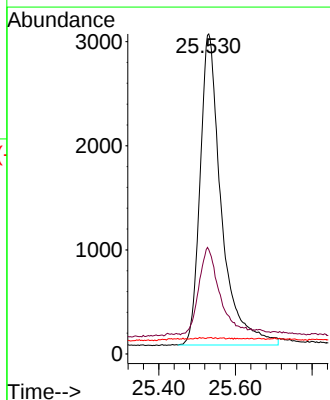
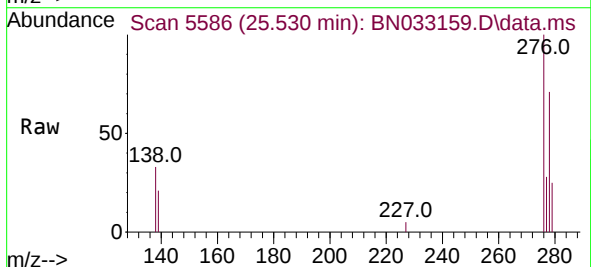
Instrument :
BNA_N
ClientSampleId :
SLCS174

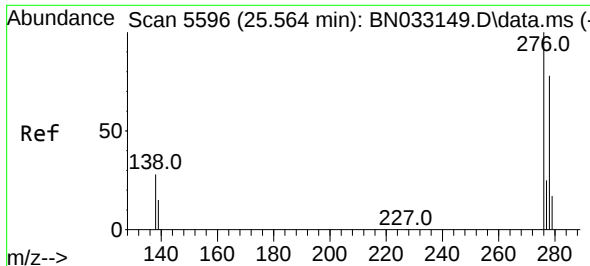
Tgt Ion:	252	Resp:	8558
Ion Ratio	Lower	Upper	
252	100		
253	36.8	27.5	41.3
125	30.4	27.0	40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.010 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion:	276	Resp:	11530
Ion Ratio	Lower	Upper	
276	100		
138	29.4	21.8	32.8
227	0.1	0.2	0.2

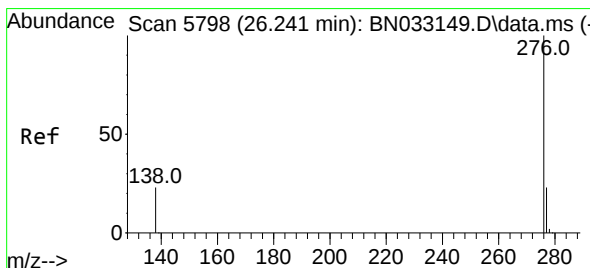
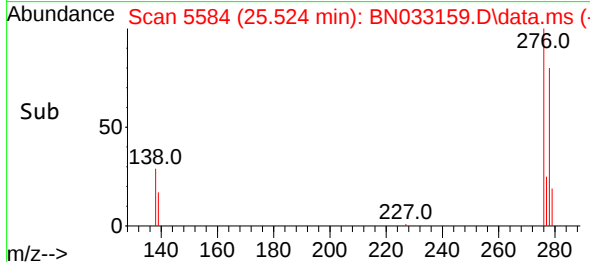
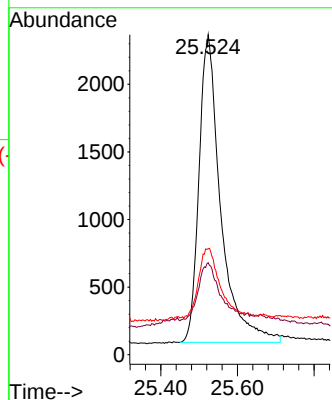
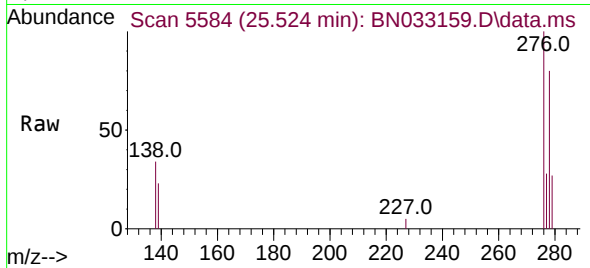




#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Instrument :
BNA_N
ClientSampleId :
SLCS174

Tgt Ion:278 Resp: 8965
Ion Ratio Lower Upper
278 100
139 28.8 22.5 33.7
279 33.1 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 26.201 min Scan# 5786
Delta R.T. -0.017 min
Lab File: BN033159.D
Acq: 01 Aug 2024 08:55

Tgt Ion:276 Resp: 8540
Ion Ratio Lower Upper
276 100
138 31.2 24.6 37.0
277 27.8 22.6 34.0

