

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033178.D
 Acq On : 01 Aug 2024 21:54
 Operator : MA/JU
 Sample : P3401-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1GG3MS

Quant Time: Aug 01 23:16:43 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)

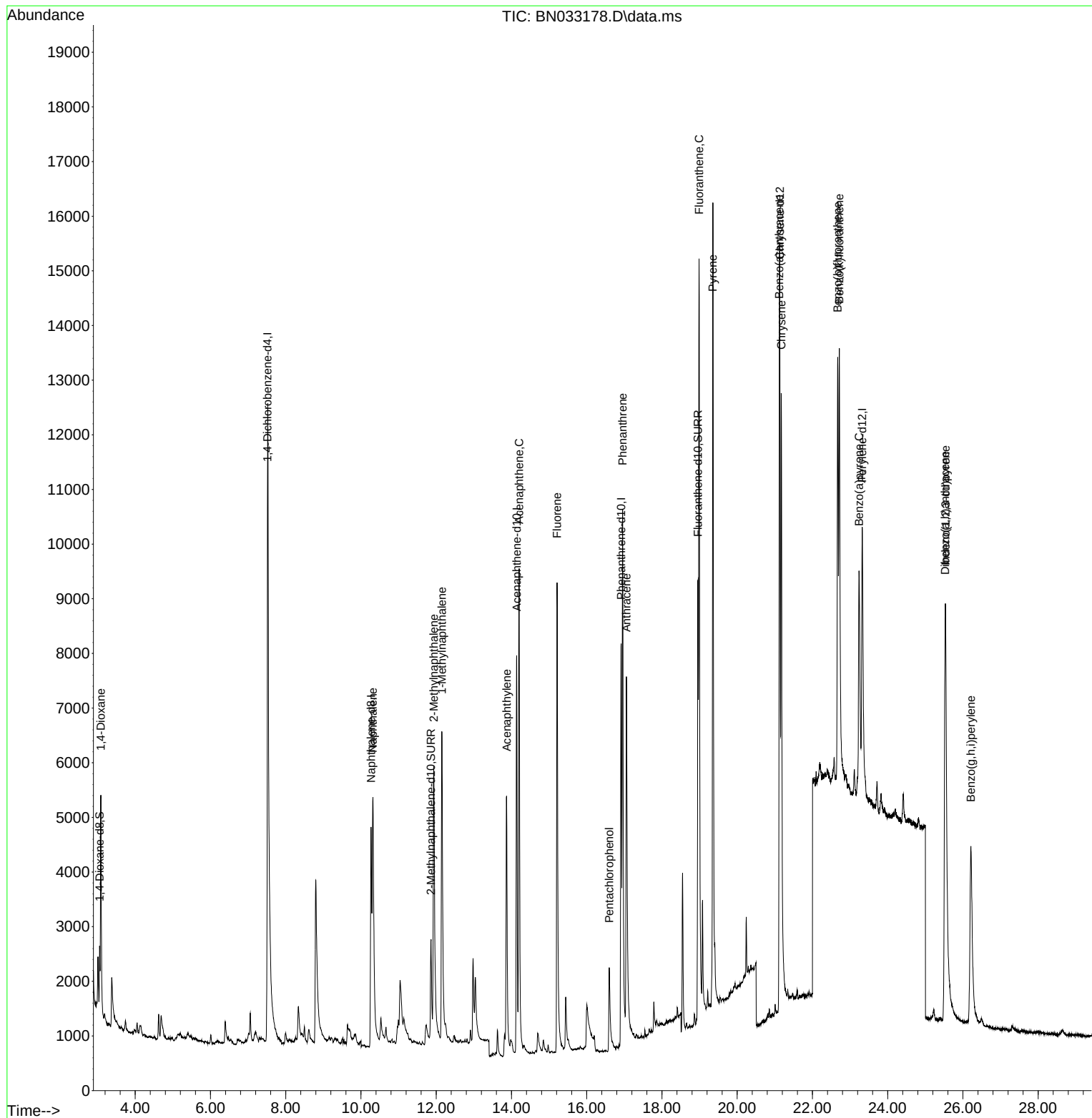
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	2544	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.267	136	9106	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.138	164	5032	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	11255	0.400	ng/ul	-0.03
17) Chrysene-d12	21.134	240	8902	0.400	ng/ul	-0.02
23) Perylene-d12	23.323	264	8788	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	887	0.276	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.862	152	3894	0.262	ng/ul	-0.07
18) Fluoranthene-d10	18.953	212	10717	0.425	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.085	88	3199	0.872	ng/ul#	73
5) Naphthalene	10.317	128	9574	0.409	ng/ul	96
7) 2-Methylnaphthalene	11.934	142	5955	0.376	ng/ul	99
8) 1-Methylnaphthalene	12.154	142	5874	0.343	ng/ul	98
10) Acenaphthylene	13.870	152	7812	0.379	ng/ul	100
11) Acenaphthene	14.203	153	6797	0.439	ng/ul	98
12) Fluorene	15.212	166	7730	0.428	ng/ul	100
14) Pentachlorophenol	16.599	266	1829	0.798	ng/ul	98
15) Phenanthrene	16.954	178	13003	0.431	ng/ul	100
16) Anthracene	17.055	178	11188	0.412	ng/ul	99
19) Fluoranthene	18.986	202	15494	0.529	ng/ul	99
20) Pyrene	19.353	202	16281	0.518	ng/ul	99
21) Benzo(a)anthracene	21.119	228	11750	0.387	ng/ul	98
22) Chrysene	21.172	228	14944	0.422	ng/ul	98
24) Benzo(b)fluoranthene	22.671	252	10866	0.423	ng/ul	83
25) Benzo(k)fluoranthene	22.714	252	13683	0.445	ng/ul#	86
26) Benzo(a)pyrene	23.238	252	9246	0.383	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.537	276	12974	0.353	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.527	278	10368	0.356	ng/ul	94
29) Benzo(g,h,i)perylene	26.211	276	9644	0.330	ng/ul	98

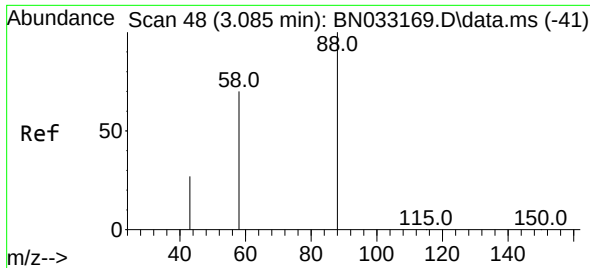
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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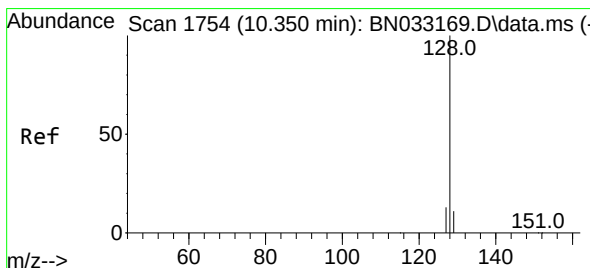
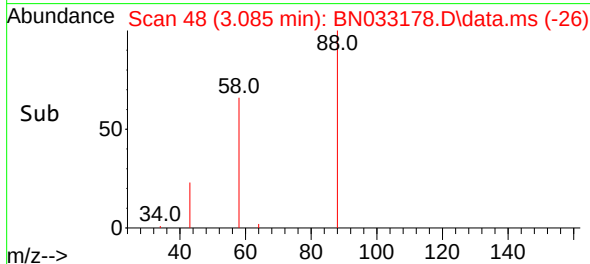
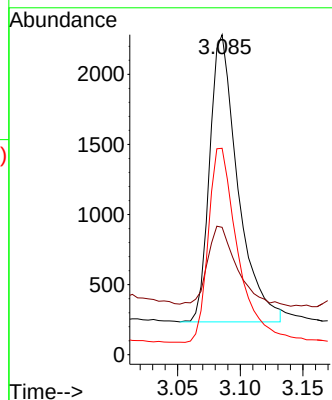
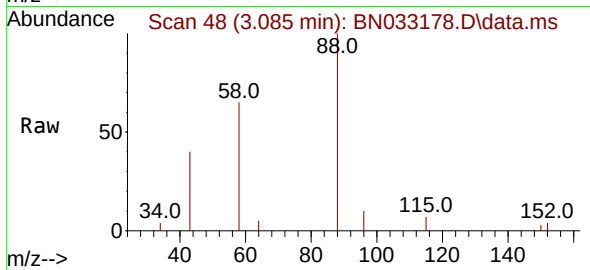




#2
 1,4-Dioxane
 Concen: 0.872 ng/ul
 RT: 3.085 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN033178.D
 Acq: 01 Aug 2024 21:54

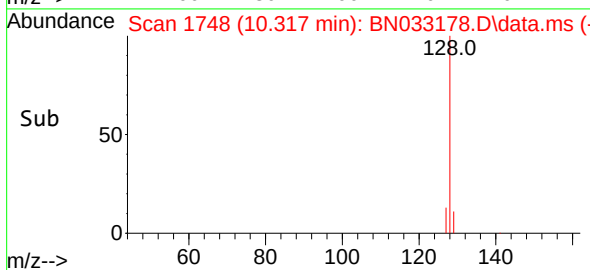
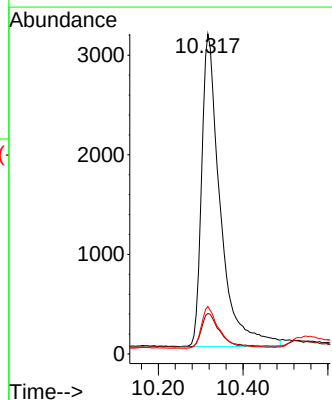
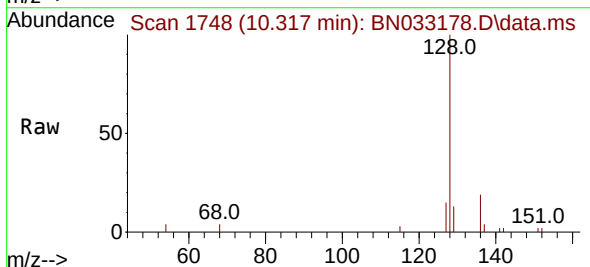
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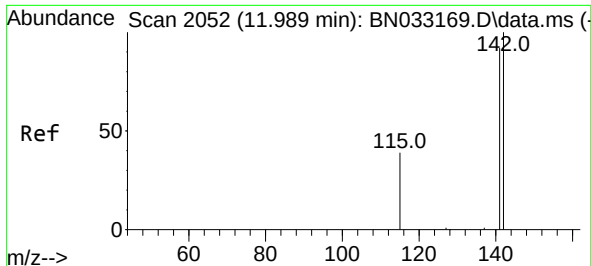
Tgt Ion: 88 Resp: 3199
 Ion Ratio Lower Upper
 88 100
 43 39.8 63.4 95.2#
 58 64.5 49.4 74.0



#5
 Naphthalene
 Concen: 0.409 ng/ul
 RT: 10.317 min Scan# 1748
 Delta R.T. -0.060 min
 Lab File: BN033178.D
 Acq: 01 Aug 2024 21:54

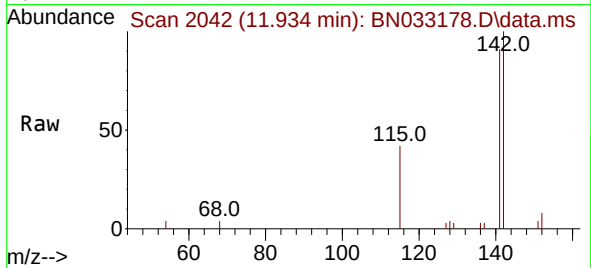
Tgt Ion:128 Resp: 9574
 Ion Ratio Lower Upper
 128 100
 129 12.7 12.0 18.0
 127 14.9 12.7 19.1



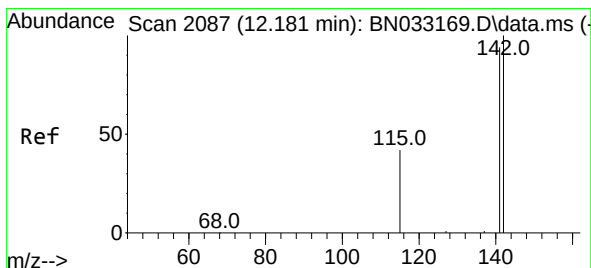
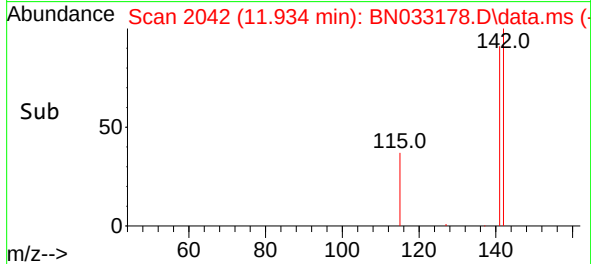
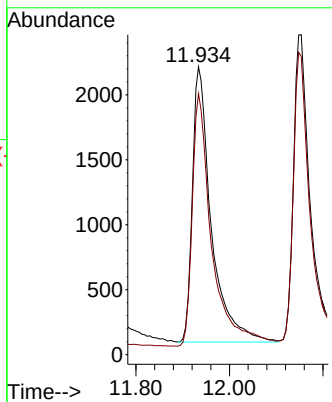


#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Instrument :
BNA_N
ClientSampleId :
E1GG3MS

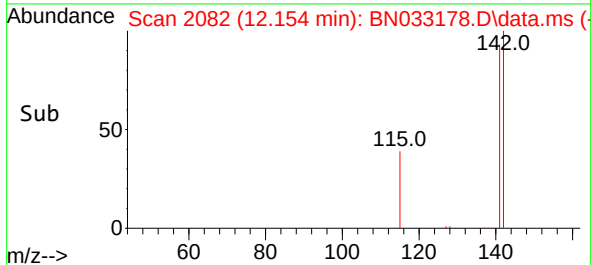
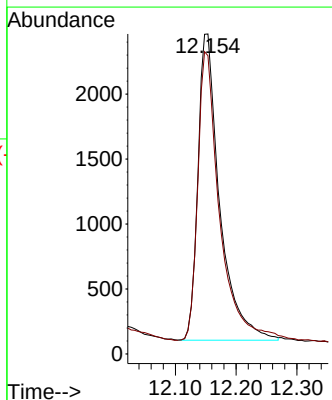
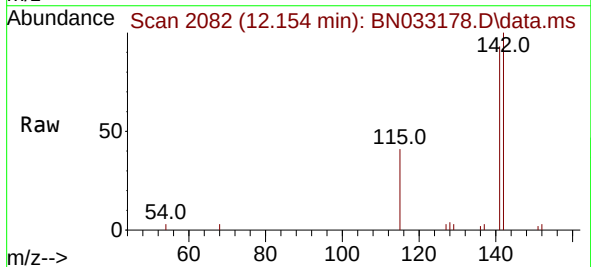


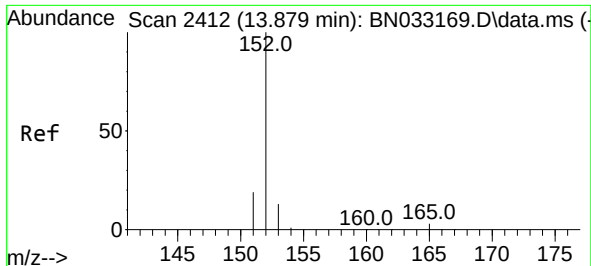
Tgt Ion:142 Resp: 5955
Ion Ratio Lower Upper
142 100
141 95.1 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.154 min Scan# 2082
Delta R.T. -0.044 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:142 Resp: 5874
Ion Ratio Lower Upper
142 100
141 94.3 74.3 111.5

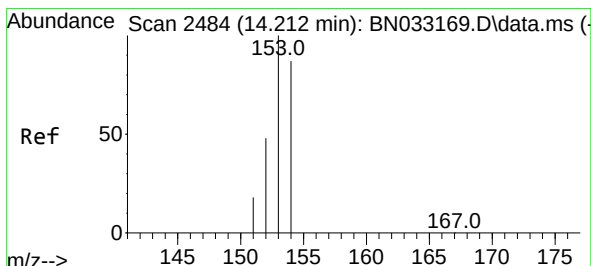
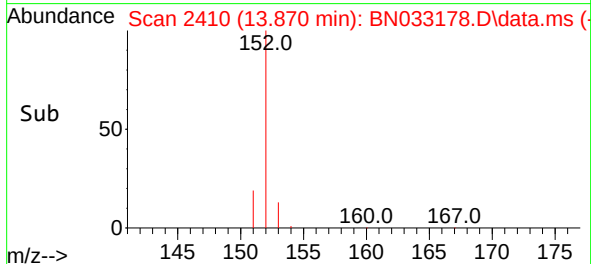
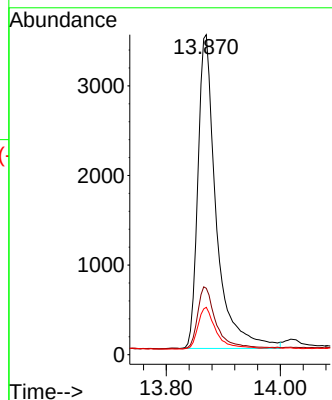
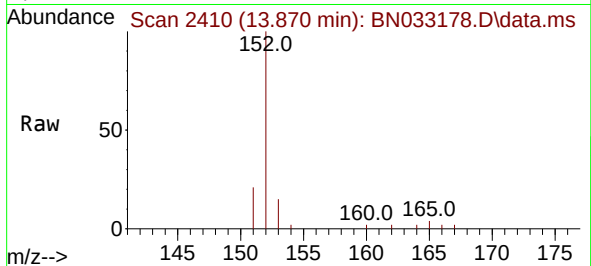




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

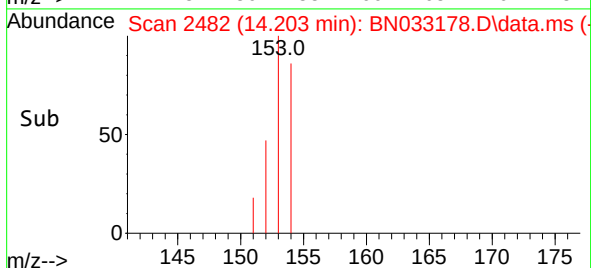
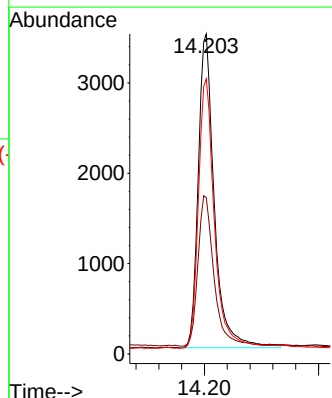
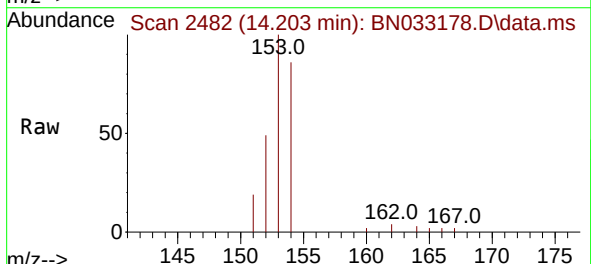
Instrument :
BNA_N
ClientSampleId :
E1GG3MS

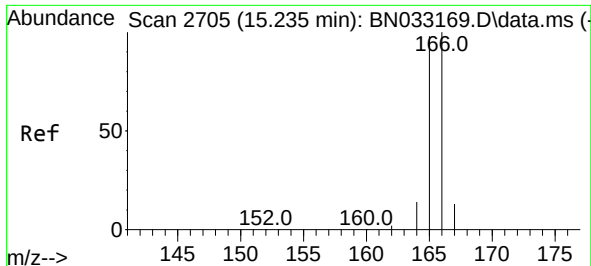
Tgt Ion:152 Resp: 7812
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.8 11.9 17.9



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:153 Resp: 6797
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 86.0 70.1 105.1

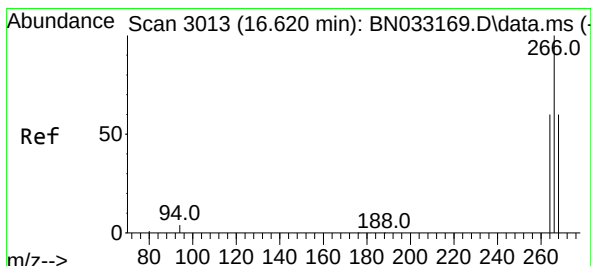
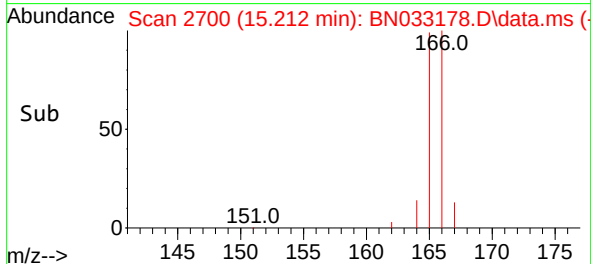
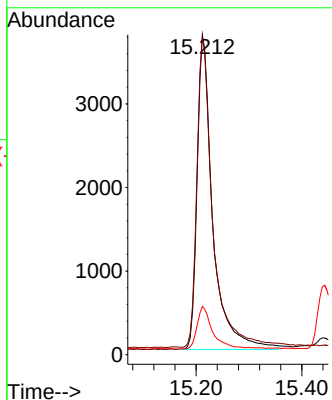
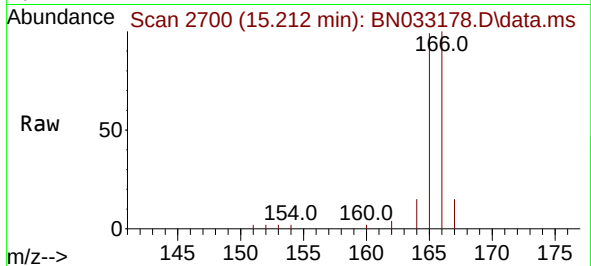




#12
 Fluorene
 Concen: 0.428 ng/ul
 RT: 15.212 min Scan# 21
 Delta R.T. -0.037 min
 Lab File: BN033178.D
 Acq: 01 Aug 2024 21:54

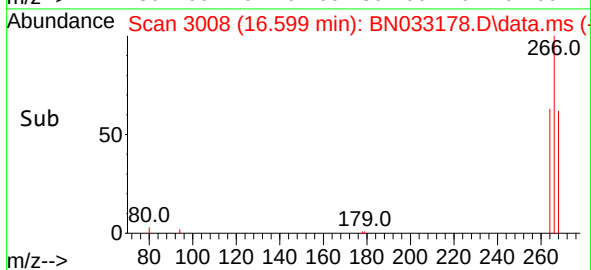
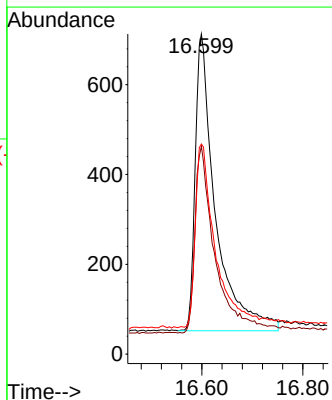
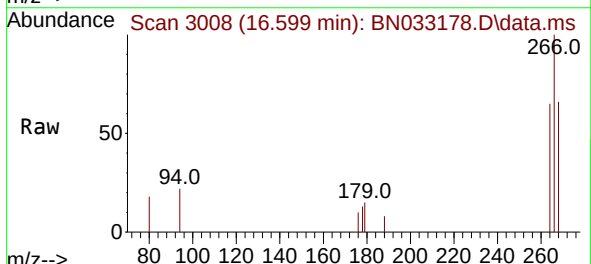
Instrument :
 BNA_N
 ClientSampleId :
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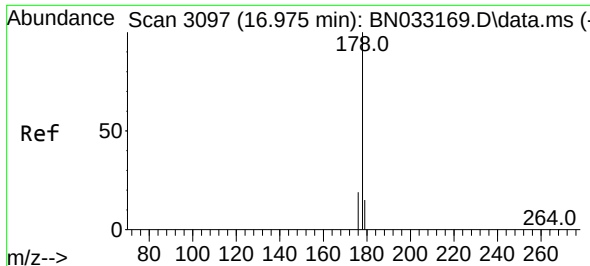
Tgt Ion:166 Resp: 7730
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.6 119.4
 167 15.1 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.798 ng/ul
 RT: 16.599 min Scan# 3008
 Delta R.T. -0.042 min
 Lab File: BN033178.D
 Acq: 01 Aug 2024 21:54

Tgt Ion:266 Resp: 1829
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.3 73.9
 268 63.9 51.8 77.8

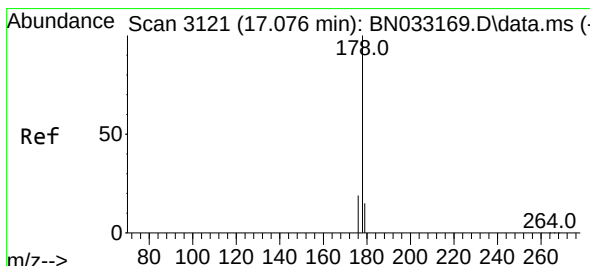
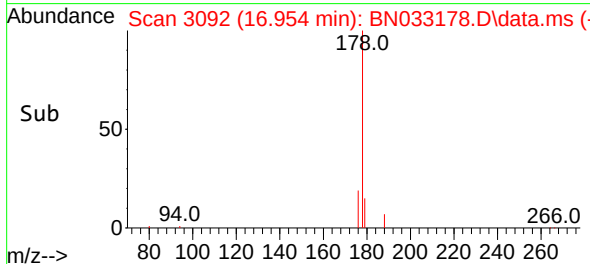
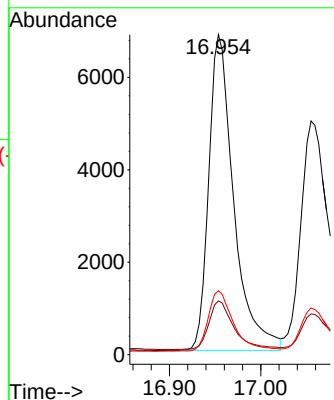
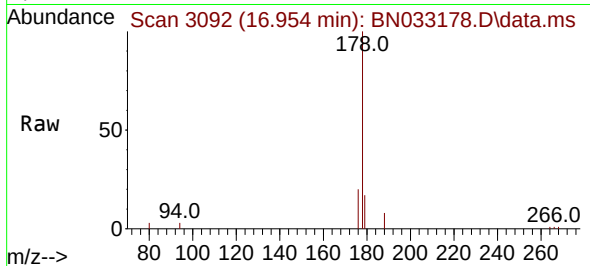




#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 16.954 min Scan# 3092
Delta R.T. -0.029 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

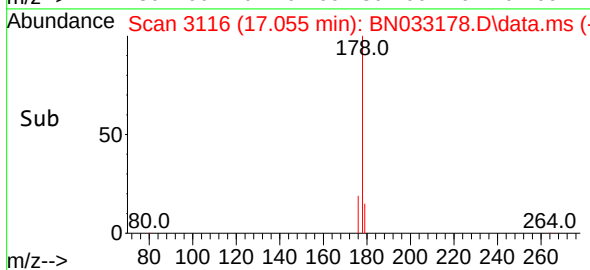
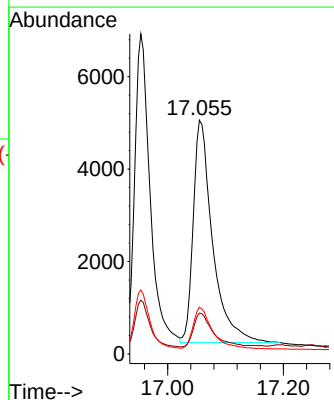
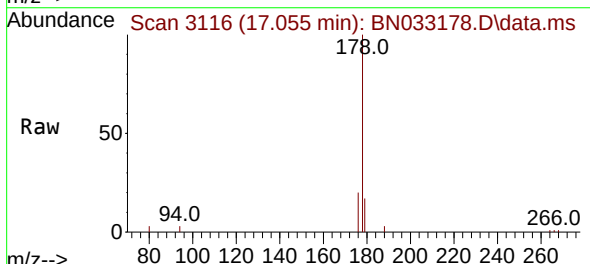
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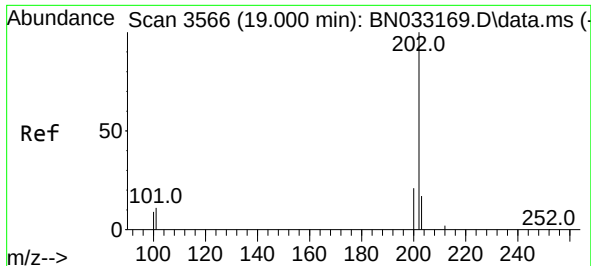
Tgt Ion:	178	Resp:	13003
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.7	20.5
176	20.0	15.9	23.9



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. -0.034 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:	178	Resp:	11188
Ion Ratio	Lower	Upper	
178	100		
179	17.5	14.3	21.5
176	20.0	15.8	23.8

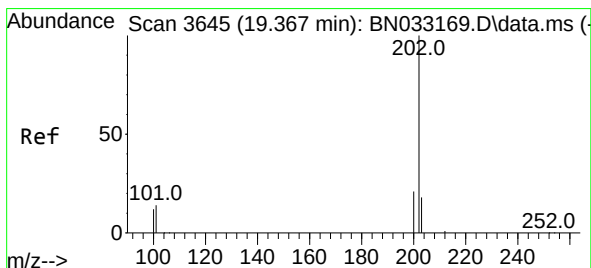
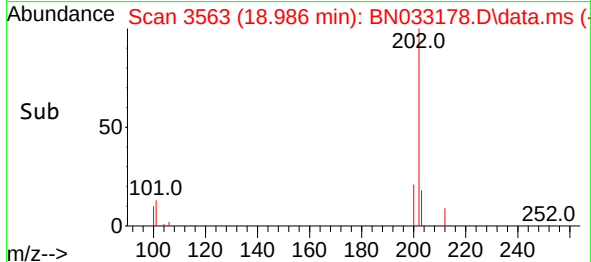
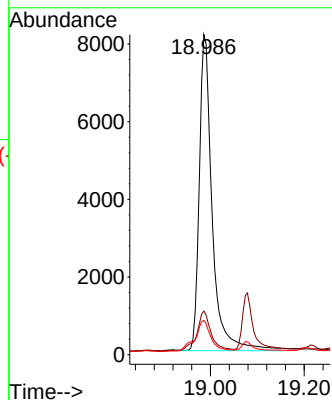
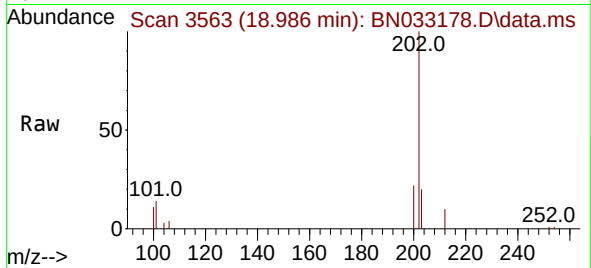




#19
Fluoranthene
Concen: 0.529 ng/ul
RT: 18.986 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

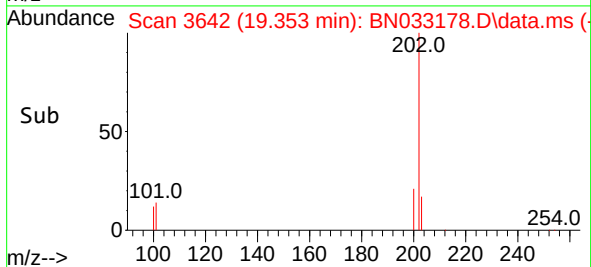
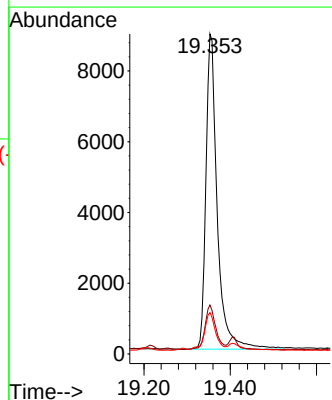
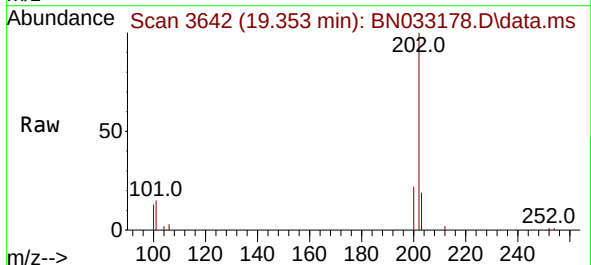
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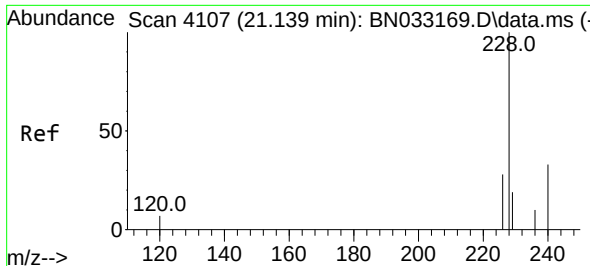
Tgt Ion:202 Resp: 15494
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 10.7 8.3 12.5



#20
Pyrene
Concen: 0.518 ng/ul
RT: 19.353 min Scan# 3642
Delta R.T. -0.018 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:202 Resp: 16281
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 13.0 9.9 14.9

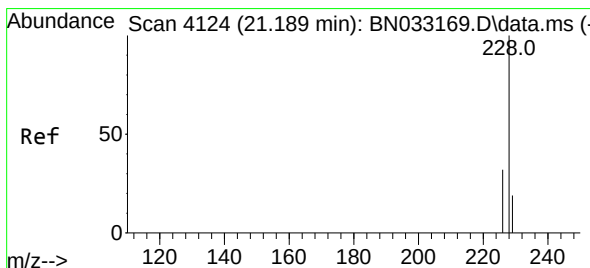
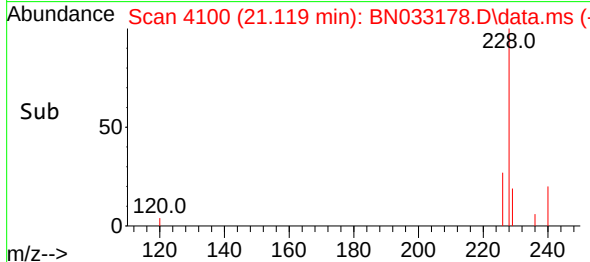
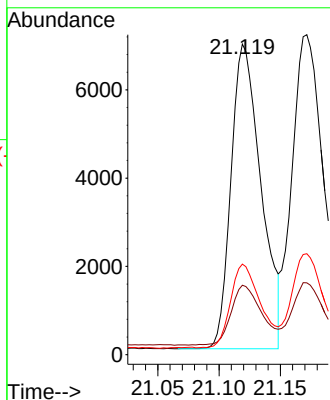
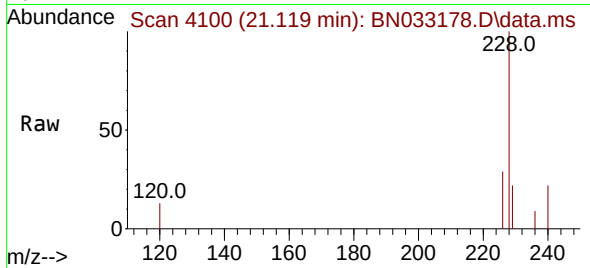




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.119 min Scan# 4118
Delta R.T. -0.017 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

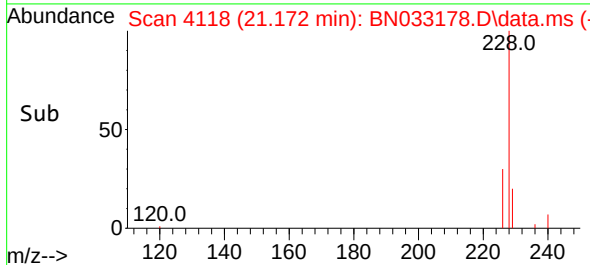
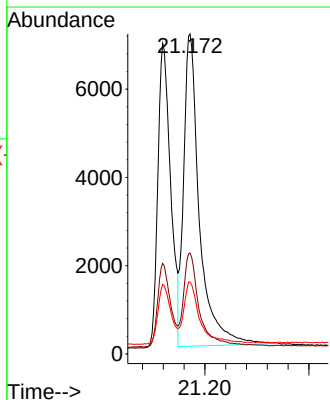
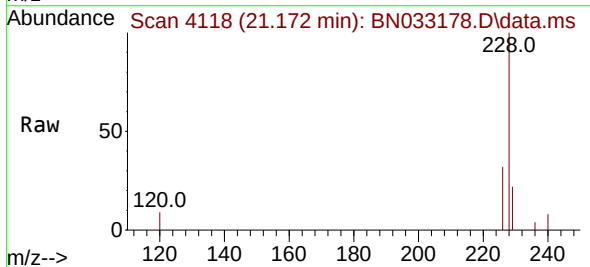
Instrument :
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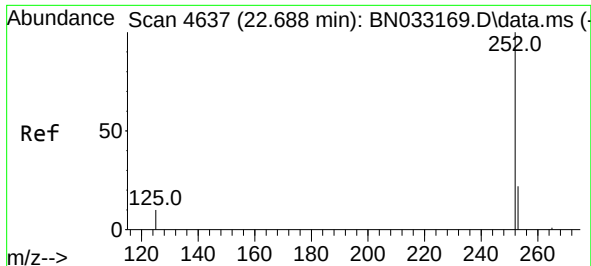
Tgt Ion:228 Resp: 11750
Ion Ratio Lower Upper
228 100
229 22.4 17.1 25.7
226 29.2 22.4 33.6



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.017 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:228 Resp: 14944
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 22.5 17.0 25.6

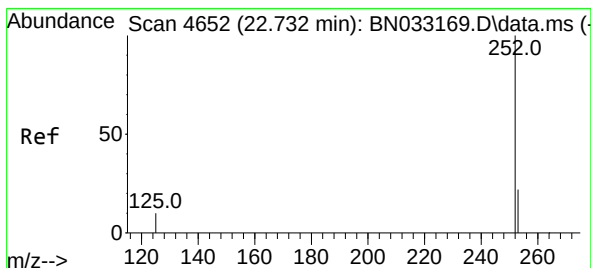
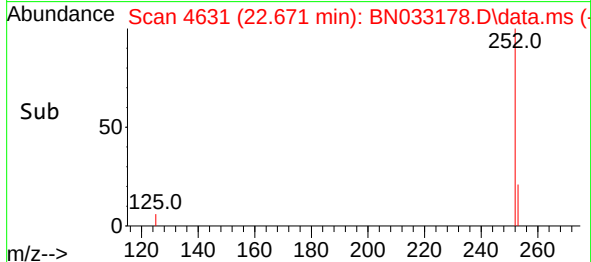
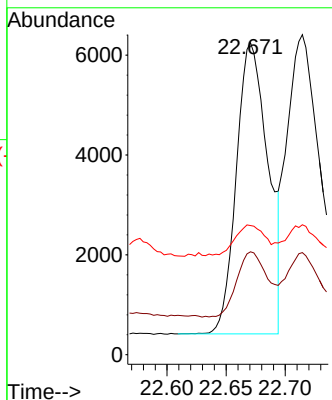
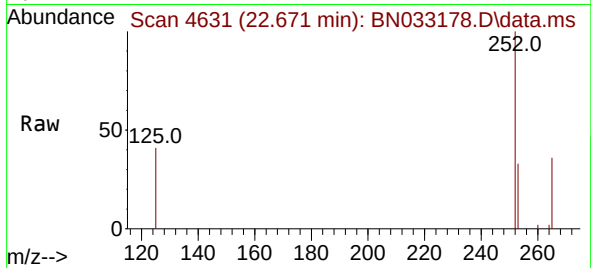




#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. -0.012 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

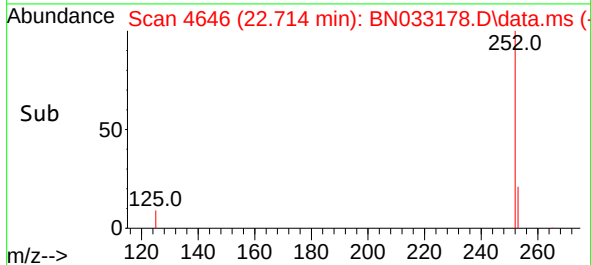
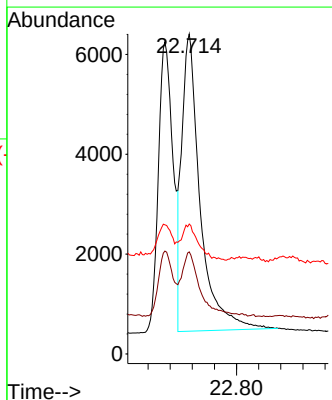
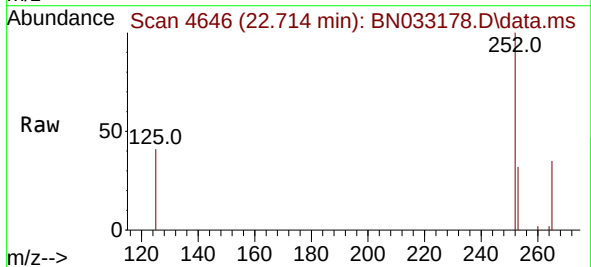
Instrument :
BNA_N
ClientSampleId :
E1GG3MS

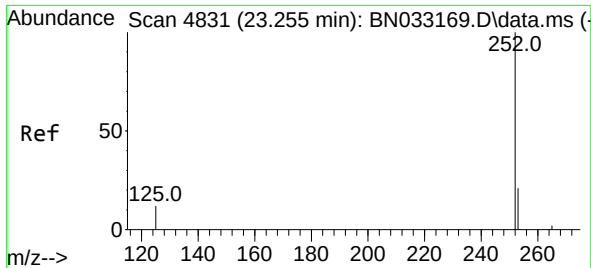
Tgt Ion:252 Resp: 10866
Ion Ratio Lower Upper
252 100
253 33.0 0.0 60.6
125 41.4 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 22.714 min Scan# 4646
Delta R.T. -0.012 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:252 Resp: 13683
Ion Ratio Lower Upper
252 100
253 31.9 24.9 37.3
125 40.6 20.9 31.3#

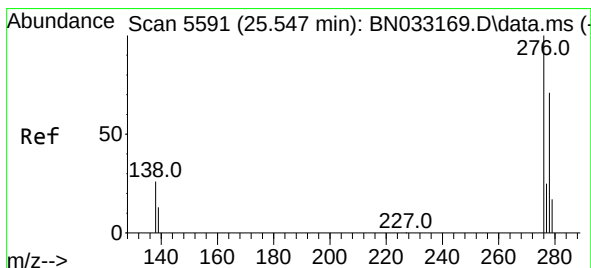
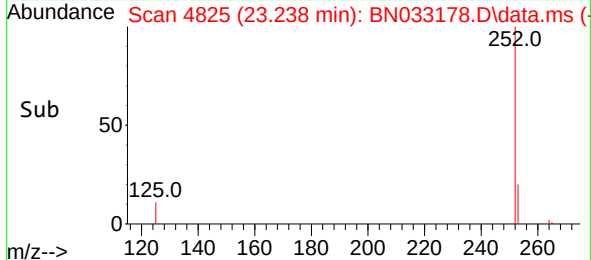
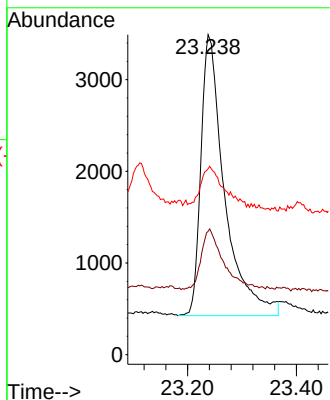
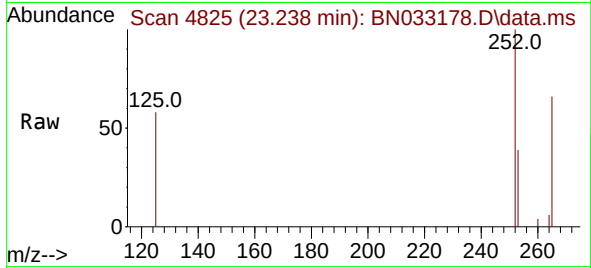




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.238 min Scan# 4825
Delta R.T. -0.012 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

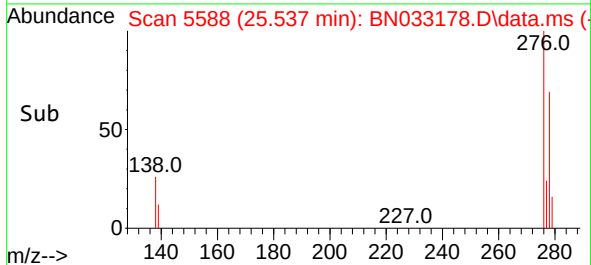
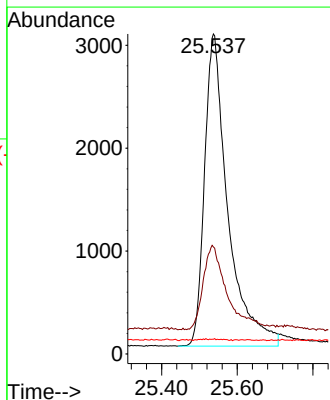
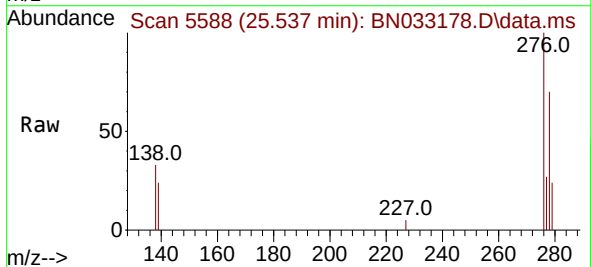
Instrument :
BNA_N
ClientSampleId :
E1GG3MS

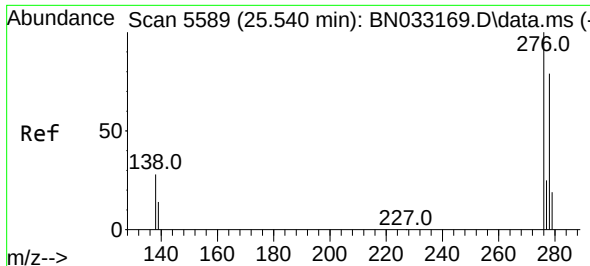
Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.6	27.5	41.3
125	58.1	27.0	40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.537 min Scan# 5588
Delta R.T. -0.003 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.8
227	0.1	0.2	0.2

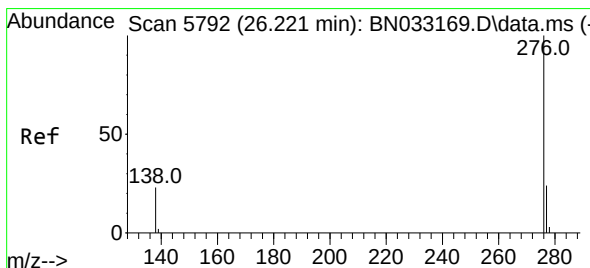
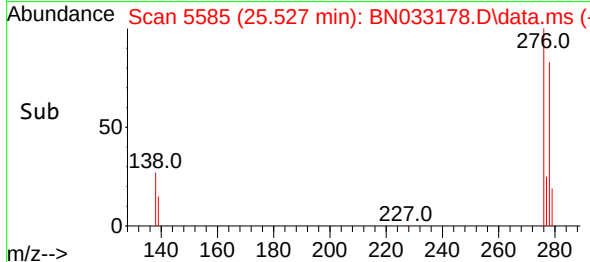
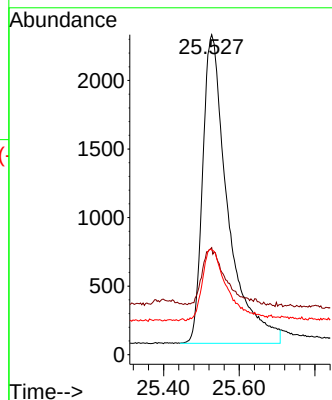
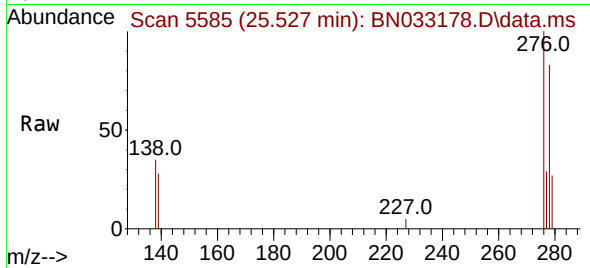




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.527 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Instrument :
BNA_N
ClientSampleId :
E1GG3MS

Tgt Ion:278 Resp: 10368
Ion Ratio Lower Upper
278 100
139 33.5 22.5 33.7
279 32.7 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 26.211 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BN033178.D
Acq: 01 Aug 2024 21:54

Tgt Ion:276 Resp: 9644
Ion Ratio Lower Upper
276 100
138 33.3 24.6 37.0
277 28.4 22.6 34.0

