

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033155.D
 Acq On : 01 Aug 2024 06:31
 Operator : MA/JU
 Sample : P3265-12MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D42MSD

Quant Time: Aug 01 07:41:20 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)

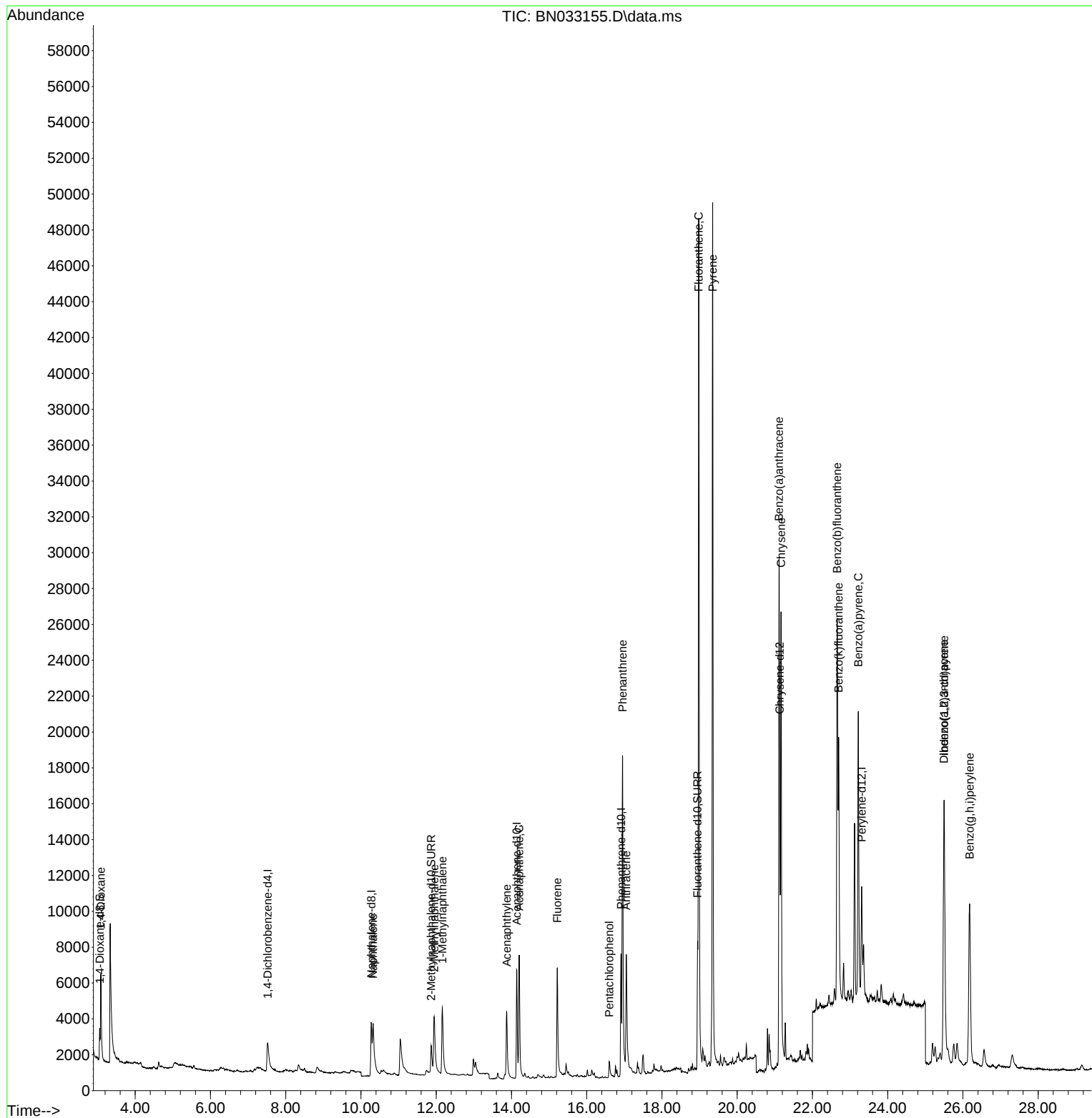
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.520	152	2199	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.273	136	7580	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.138	164	4380	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.911	188	9722	0.400	ng/ul	-0.03
17) Chrysene-d12	21.128	240	8811	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	9197	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1355	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	3621	0.293	ng/ul	-0.06
18) Fluoranthene-d10	18.944	212	8706	0.349	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	3778	1.191	ng/ul#	71
5) Naphthalene	10.322	128	6501	0.334	ng/ul	98
7) 2-Methylnaphthalene	11.945	142	4216	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.165	142	4253	0.298	ng/ul	99
10) Acenaphthylene	13.870	152	6575	0.367	ng/ul	98
11) Acenaphthene	14.203	153	5401	0.401	ng/ul	99
12) Fluorene	15.216	166	5783	0.368	ng/ul	99
14) Pentachlorophenol	16.599	266	1045	0.528	ng/ul	97
15) Phenanthrene	16.954	178	24442	0.937	ng/ul	99
16) Anthracene	17.051	178	10336	0.441	ng/ul	99
19) Fluoranthene	18.977	202	48713	1.679	ng/ul	98
20) Pyrene	19.348	202	46418	1.492	ng/ul	95
21) Benzo(a)anthracene	21.110	228	27355	0.910	ng/ul	98
22) Chrysene	21.166	228	28568	0.815	ng/ul	99
24) Benzo(b)fluoranthene	22.656	252	34437	1.282	ng/ul	90
25) Benzo(k)fluoranthene	22.697	252	18843	0.585	ng/ul#	90
26) Benzo(a)pyrene	23.217	252	23603	0.933	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.500	276	22231	0.578	ng/ul	97
28) Dibenzo(a,h)anthracene	25.493	278	10267	0.337	ng/ul	98
29) Benzo(g,h,i)perylene	26.178	276	19982	0.654	ng/ul	94

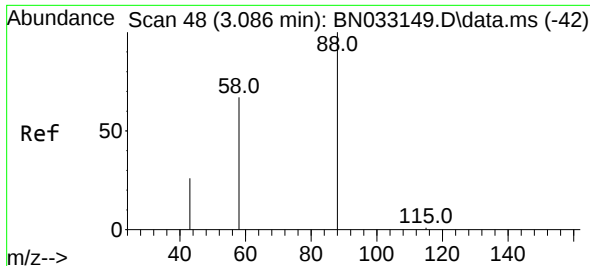
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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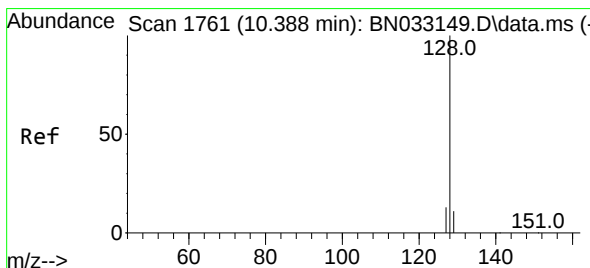
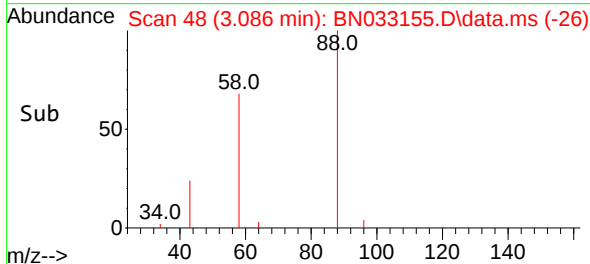
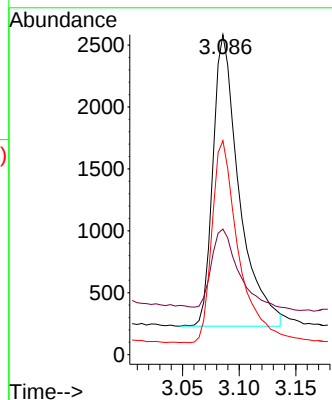
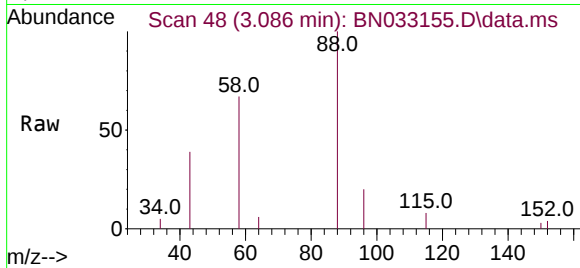




#2
 1,4-Dioxane
 Concen: 1.191 ng/ul
 RT: 3.086 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

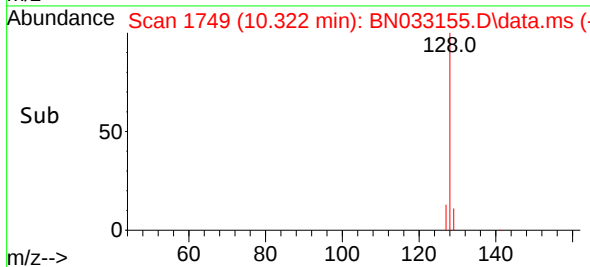
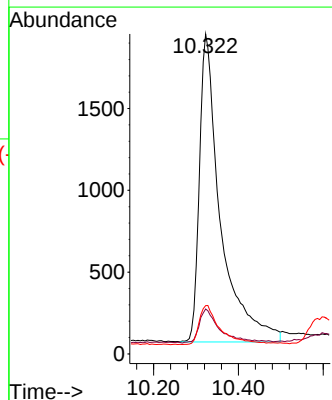
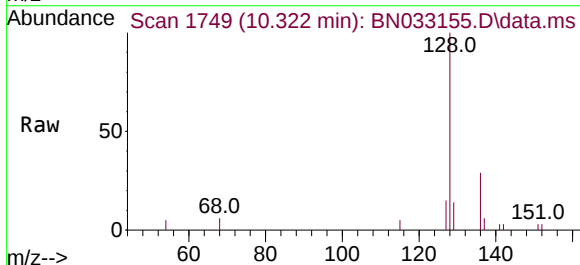
Instrument :
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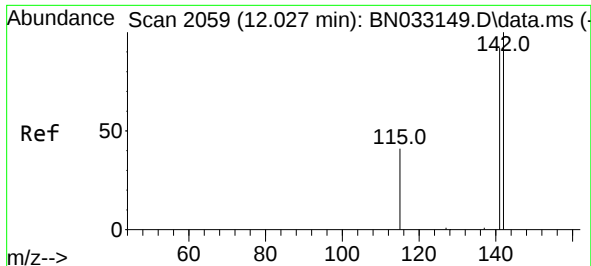
Tgt Ion: 88 Resp: 3778
 Ion Ratio Lower Upper
 88 100
 43 39.2 63.4 95.2#
 58 66.9 49.4 74.0



#5
 Naphthalene
 Concen: 0.334 ng/ul
 RT: 10.322 min Scan# 1749
 Delta R.T. -0.055 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

Tgt Ion: 128 Resp: 6501
 Ion Ratio Lower Upper
 128 100
 129 14.1 12.0 18.0
 127 15.1 12.7 19.1

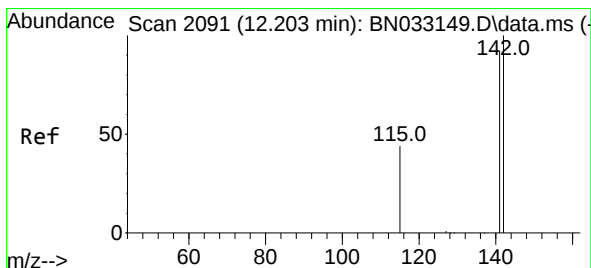
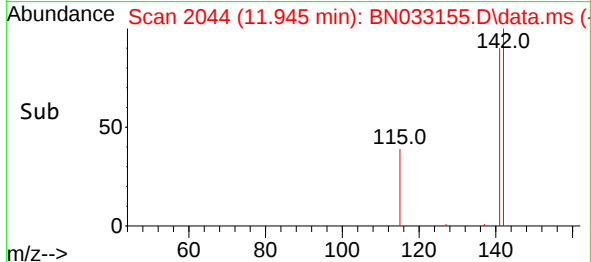
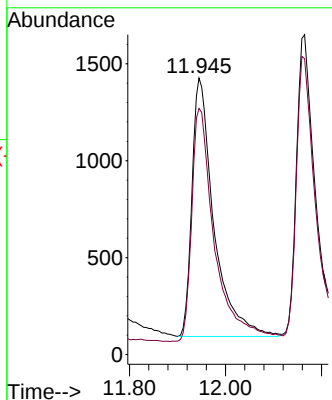
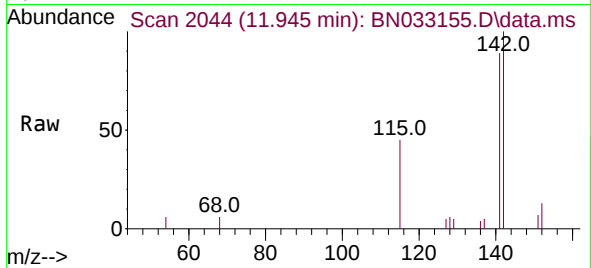




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.945 min Scan# 2084
Delta R.T. -0.060 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

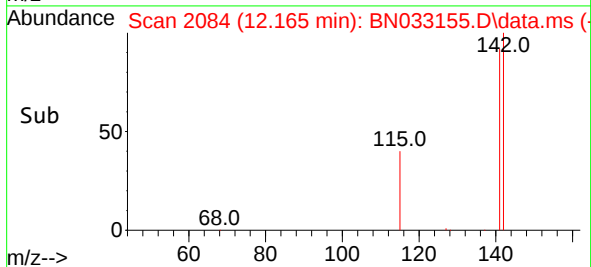
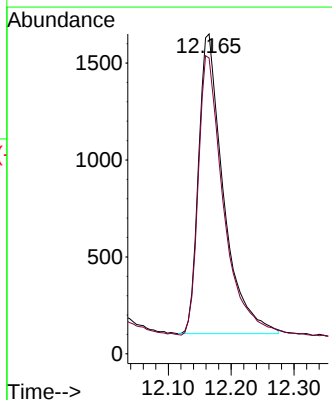
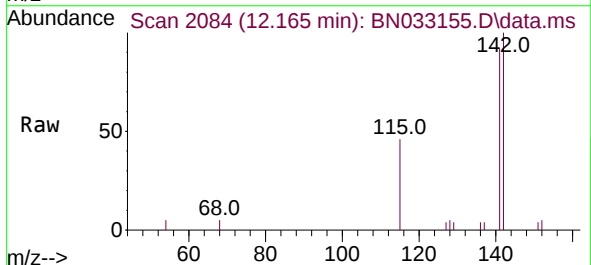
Instrument :
BNA_N
ClientSampleId :
A4D42MSD

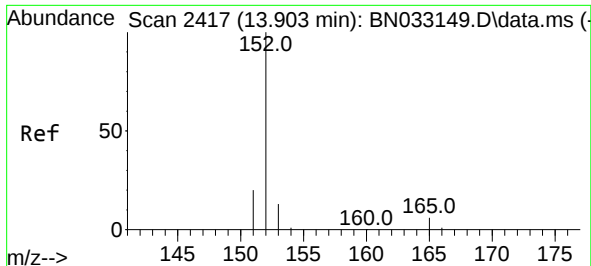
Tgt Ion:142 Resp: 4216
Ion Ratio Lower Upper
142 100
141 95.2 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion:142 Resp: 4253
Ion Ratio Lower Upper
142 100
141 94.3 74.3 111.5

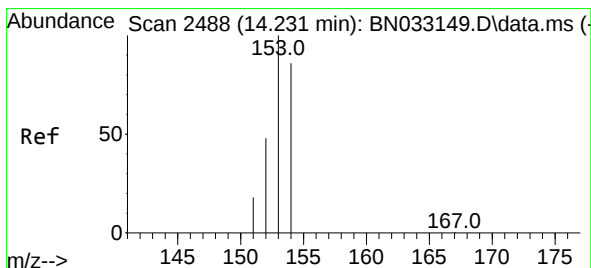
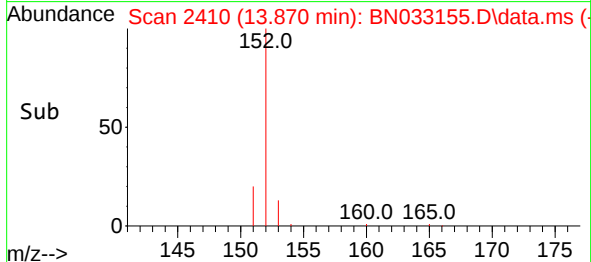
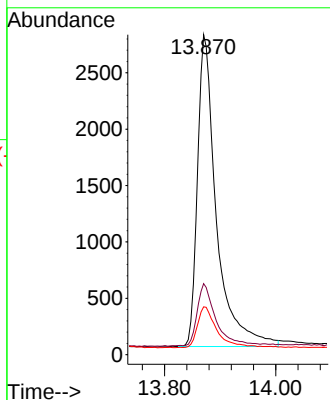
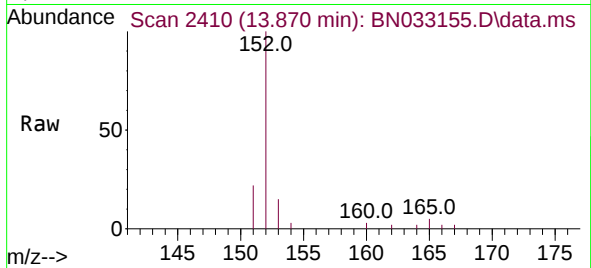




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

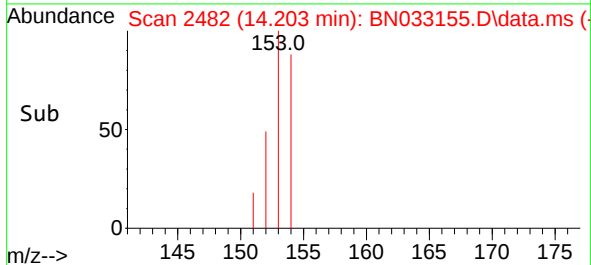
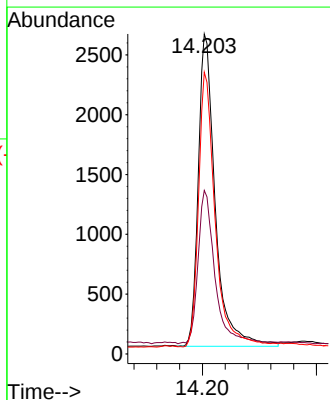
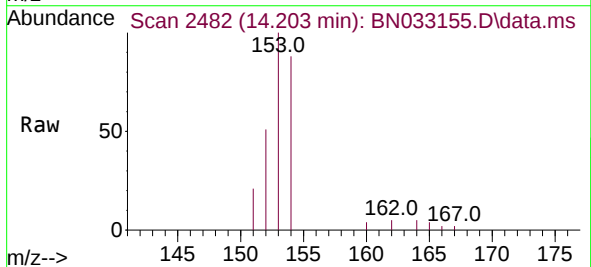
Instrument :
BNA_N
ClientSampleId :
A4D42MSD

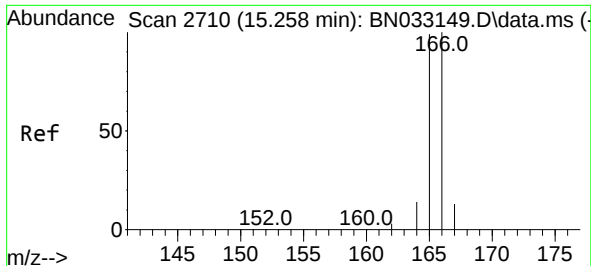
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.8	25.2
153	15.0	11.9	17.9



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.0	60.0
154	88.0	70.1	105.1

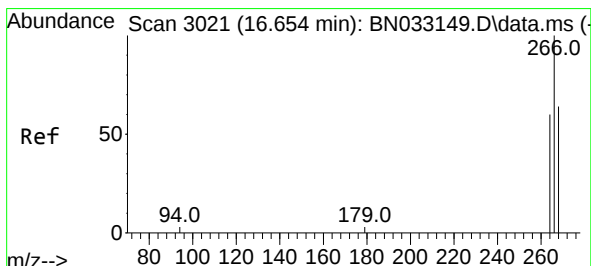
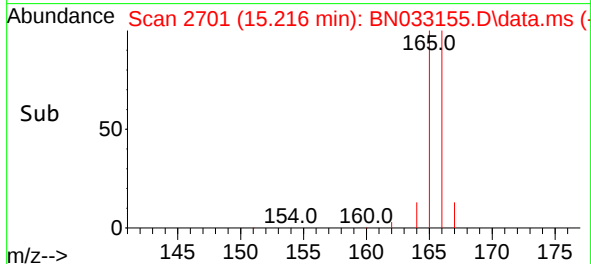
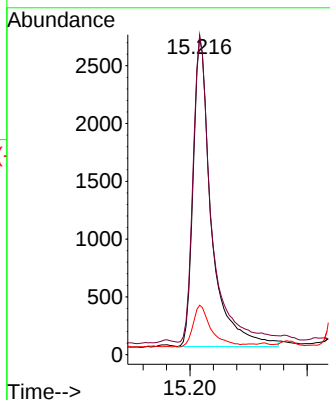
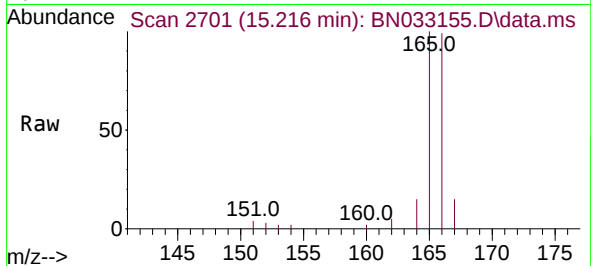




#12
 Fluorene
 Concen: 0.368 ng/ul
 RT: 15.216 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

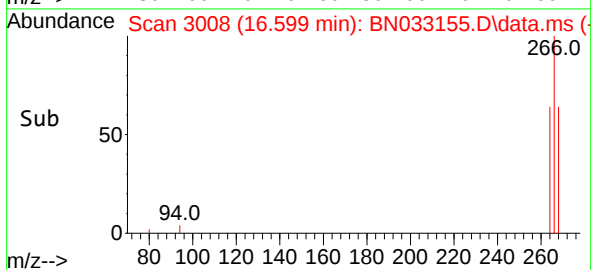
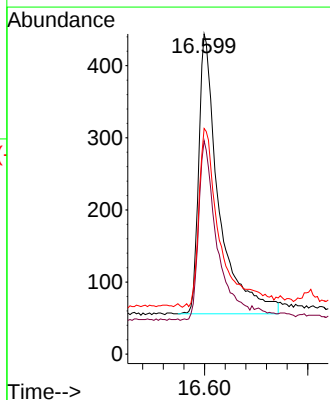
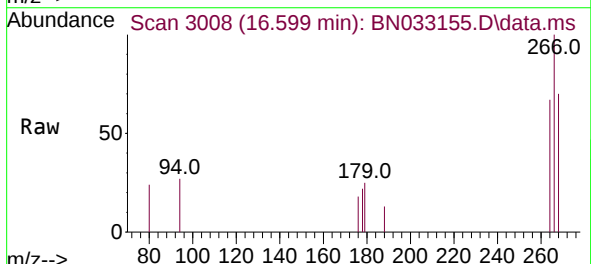
Instrument :
 BNA_N
 ClientSampleId :
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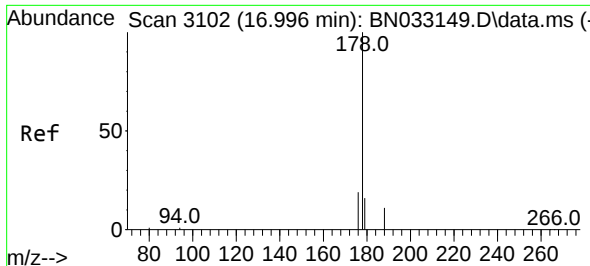
Tgt Ion:166 Resp: 5783
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.6 119.4
 167 15.6 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.528 ng/ul
 RT: 16.599 min Scan# 3008
 Delta R.T. -0.042 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

Tgt Ion:266 Resp: 1045
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.3 73.9
 268 67.6 51.8 77.8

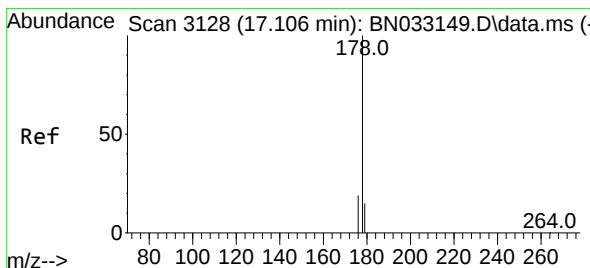
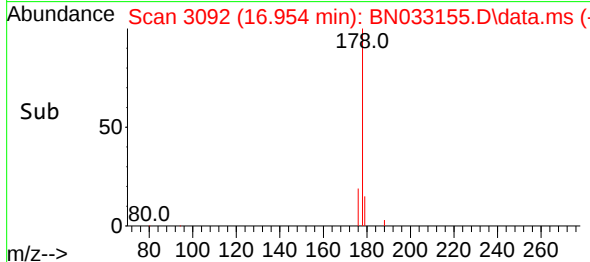
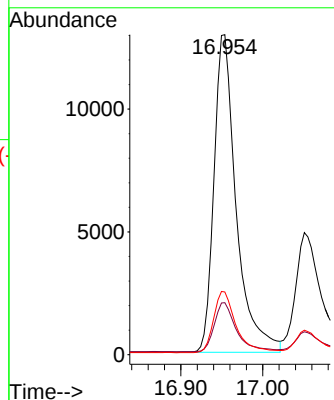
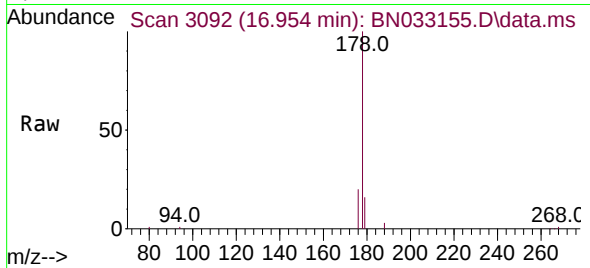




#15
Phenanthrene
Concen: 0.937 ng/u1
RT: 16.954 min Scan# 3102
Delta R.T. -0.029 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

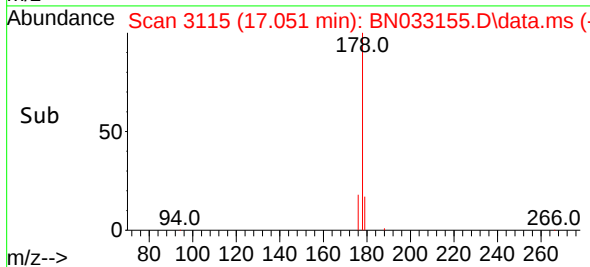
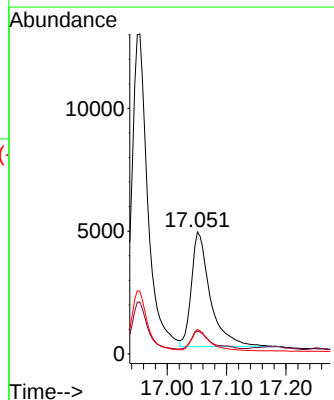
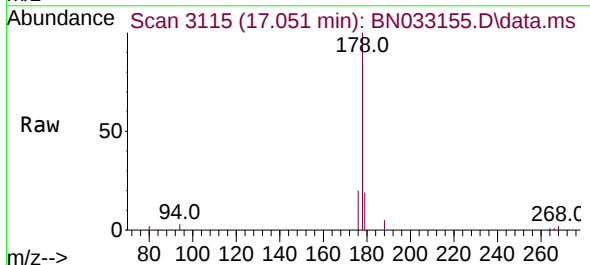
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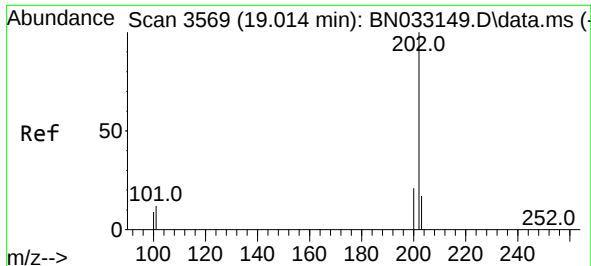
Tgt Ion:178 Resp: 24442
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.441 ng/u1
RT: 17.051 min Scan# 3115
Delta R.T. -0.038 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion:178 Resp: 10336
Ion Ratio Lower Upper
178 100
179 18.7 14.3 21.5
176 20.0 15.8 23.8

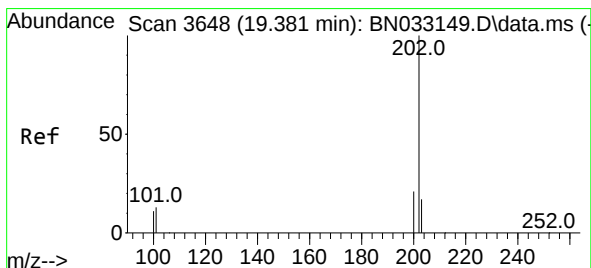
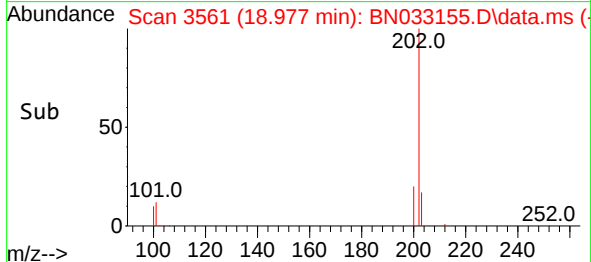
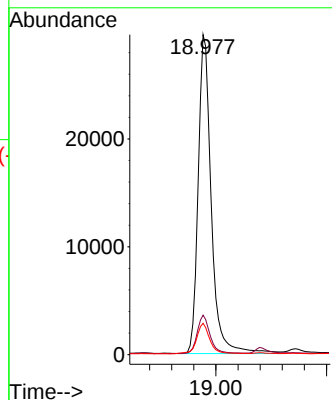
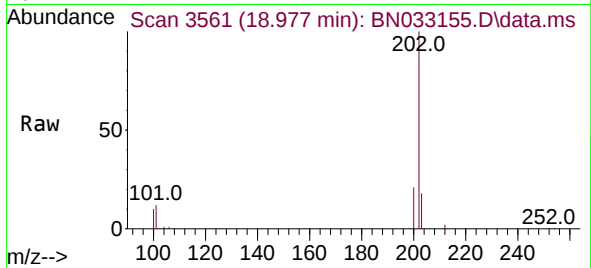




#19
Fluoranthene
Concen: 1.679 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

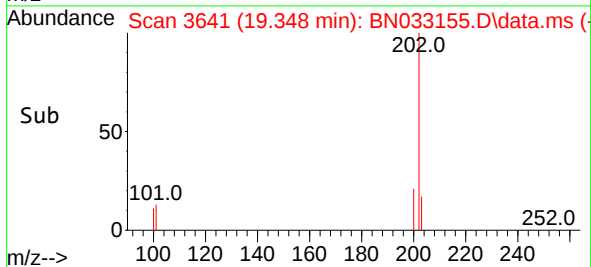
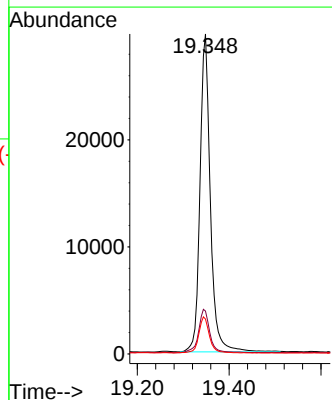
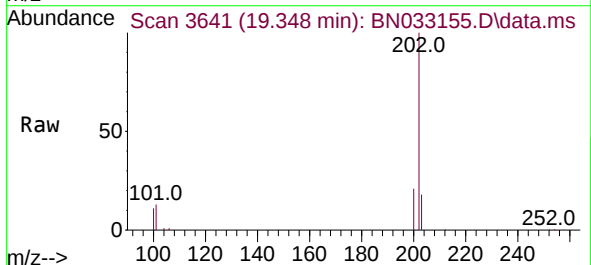
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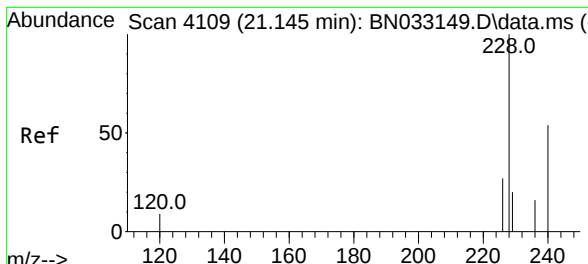
Tgt Ion:202 Resp: 48713
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.8 8.3 12.5



#20
Pyrene
Concen: 1.492 ng/ul
RT: 19.348 min Scan# 3641
Delta R.T. -0.023 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion:202 Resp: 46418
Ion Ratio Lower Upper
202 100
101 13.4 12.6 18.8
100 10.9 9.9 14.9

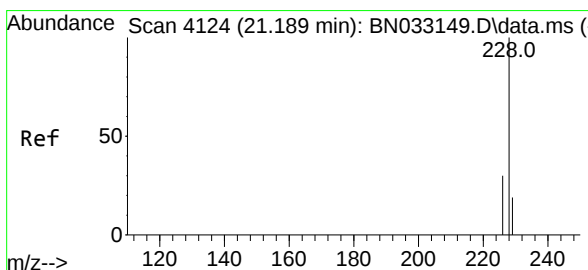
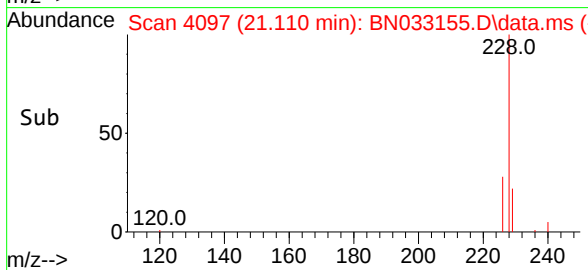
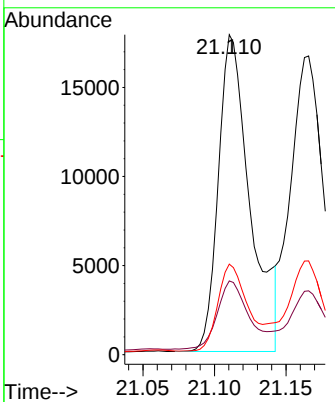
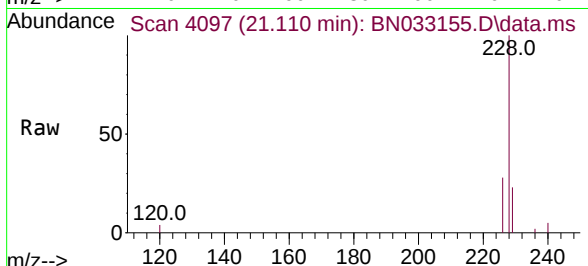




#21
 Benzo(a)anthracene
 Concen: 0.910 ng/ul
 RT: 21.110 min Scan# 4109
 Delta R.T. -0.026 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

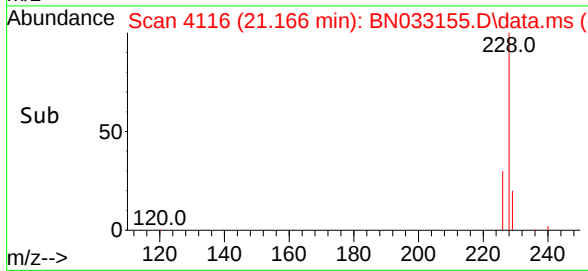
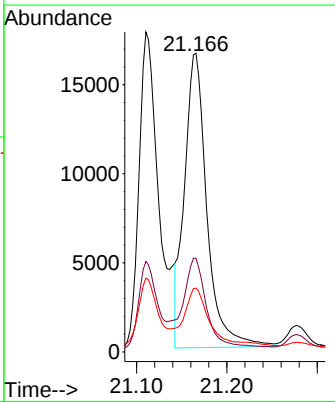
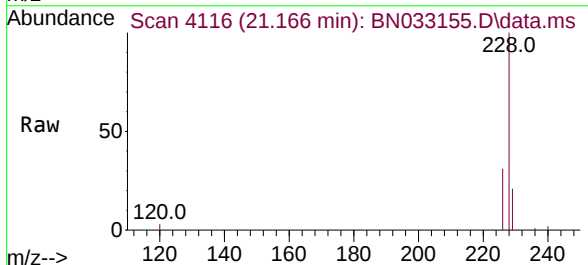
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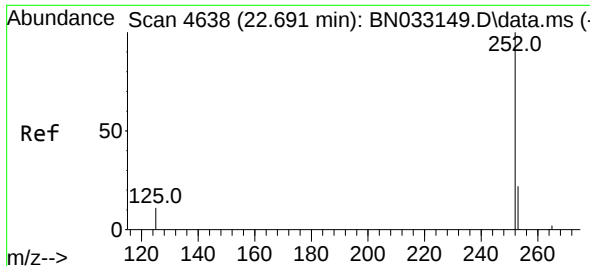
Tgt Ion:228	Resp:	27355
Ion Ratio	Lower	Upper
228	100	
229	23.1	17.1 25.7
226	28.3	22.4 33.6



#22
 Chrysene
 Concen: 0.815 ng/ul
 RT: 21.166 min Scan# 4116
 Delta R.T. -0.023 min
 Lab File: BN033155.D
 Acq: 01 Aug 2024 06:31

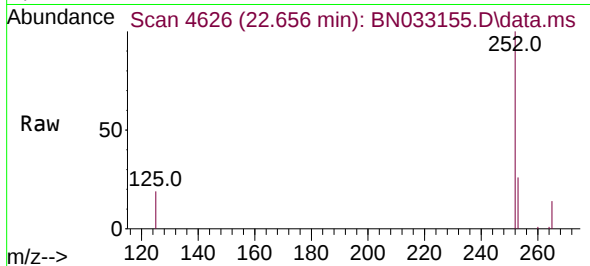
Tgt Ion:228	Resp:	28568
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.7 37.1
229	21.4	17.0 25.6



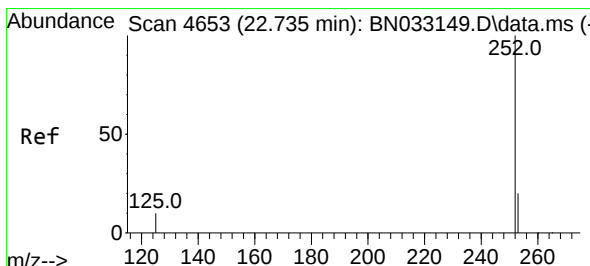
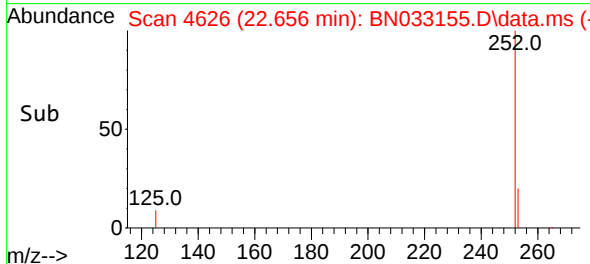
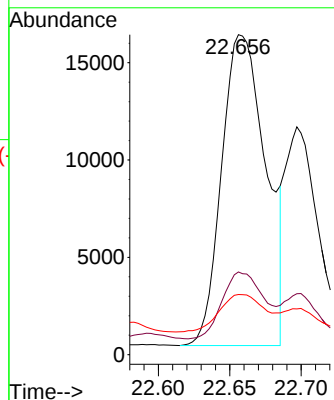


#24
Benzo(b)fluoranthene
Concen: 1.282 ng/ul
RT: 22.656 min Scan# 4626
Delta R.T. -0.026 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Instrument :
BNA_N
ClientSampleId :
A4D42MSD

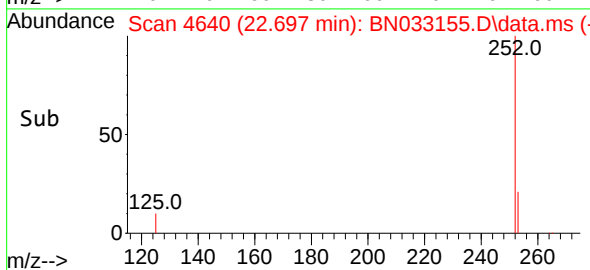
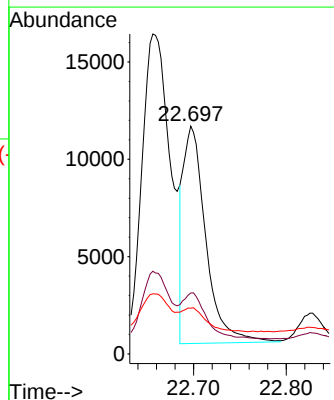
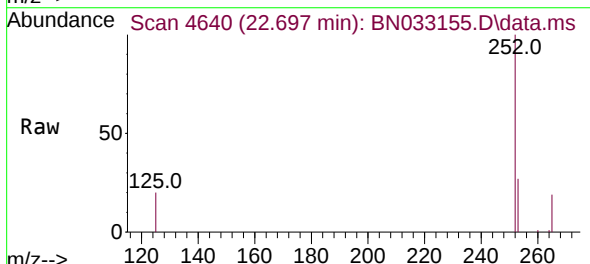


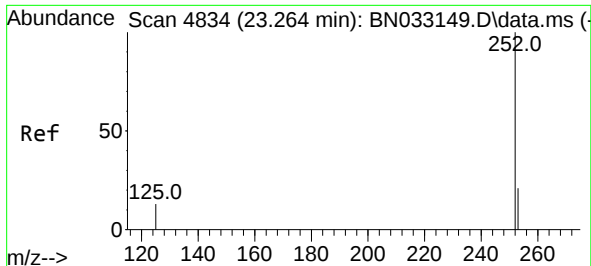
Tgt Ion:252 Resp: 34437
Ion Ratio Lower Upper
252 100
253 25.8 0.0 60.6
125 18.8 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.585 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.029 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

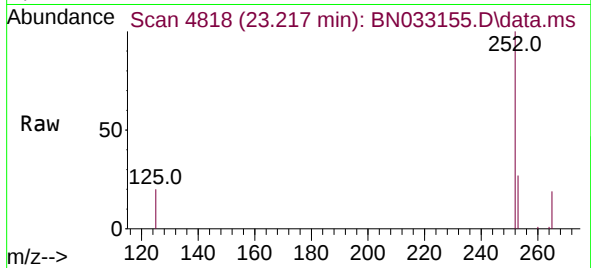
Tgt Ion:252 Resp: 18843
Ion Ratio Lower Upper
252 100
253 26.8 24.9 37.3
125 20.1 20.9 31.3#



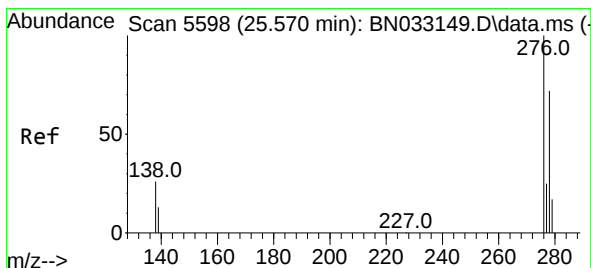
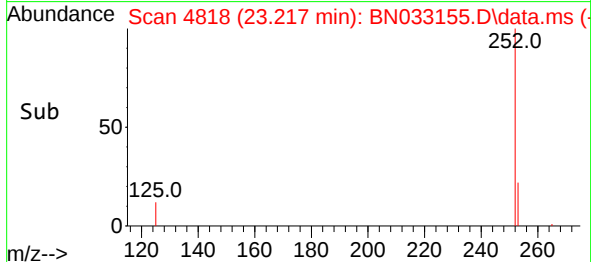
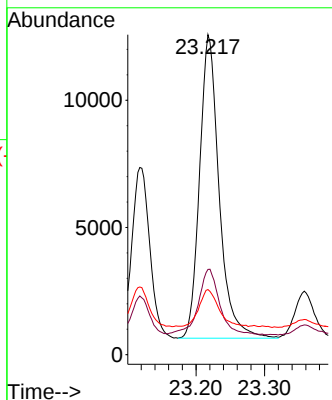


#26
Benzo(a)pyrene
Concen: 0.933 ng/ul
RT: 23.217 min Scan# 4818
Delta R.T. -0.032 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Instrument :
BNA_N
ClientSampleId :
A4D42MSD

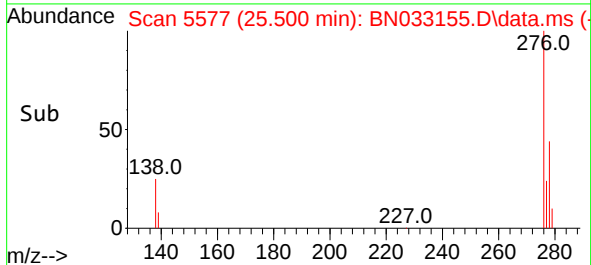
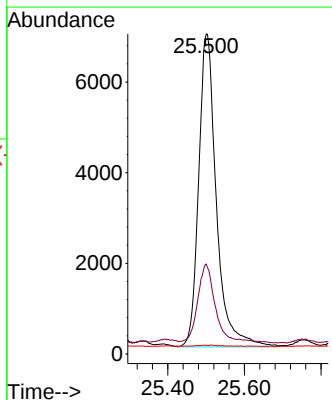
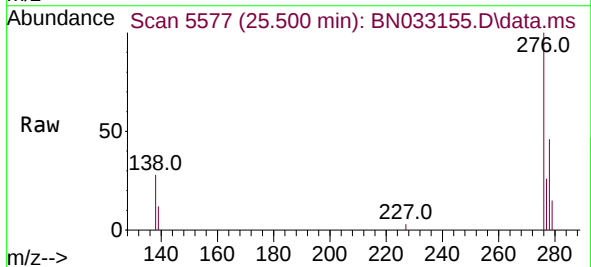


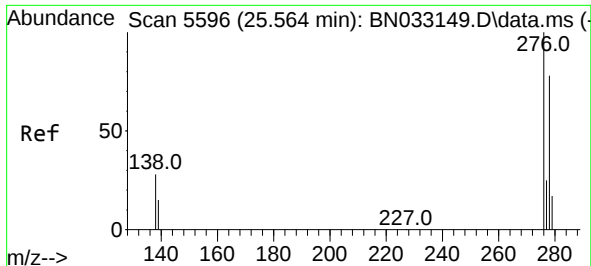
Tgt Ion:252 Resp: 23603
Ion Ratio Lower Upper
252 100
253 26.6 27.5 41.3#
125 20.4 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.578 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.040 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion:276 Resp: 22231
Ion Ratio Lower Upper
276 100
138 25.6 21.8 32.8
227 0.2 0.2 0.2

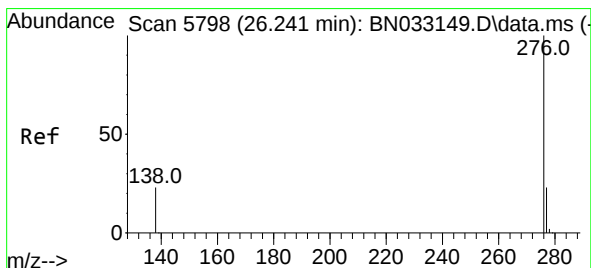
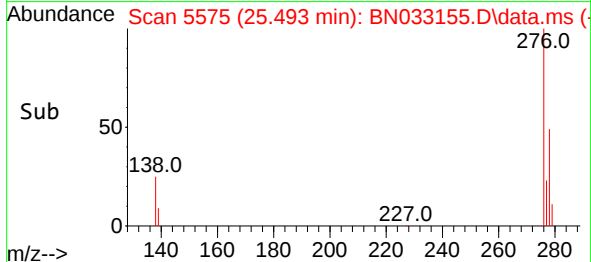
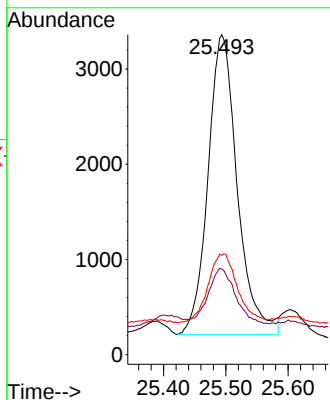
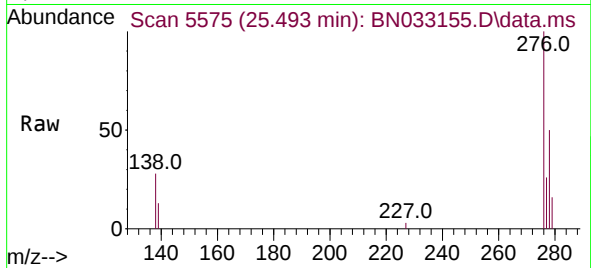




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 25.493 min Scan# 51
Delta R.T. -0.047 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Instrument :
BNA_N
ClientSampleId :
A4D42MSD

Tgt Ion:278 Resp: 10267
Ion Ratio Lower Upper
278 100
139 26.7 22.5 33.7
279 31.1 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.654 ng/ul
RT: 26.178 min Scan# 5779
Delta R.T. -0.040 min
Lab File: BN033155.D
Acq: 01 Aug 2024 06:31

Tgt Ion:276 Resp: 19982
Ion Ratio Lower Upper
276 100
138 26.8 24.6 37.0
277 26.4 22.6 34.0

