

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030228.D
 Acq On : 03 Mar 2024 21:11
 Operator : MA/JU
 Sample : P1501-04MSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E10A0MSD

Quant Time: Mar 03 22:55:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

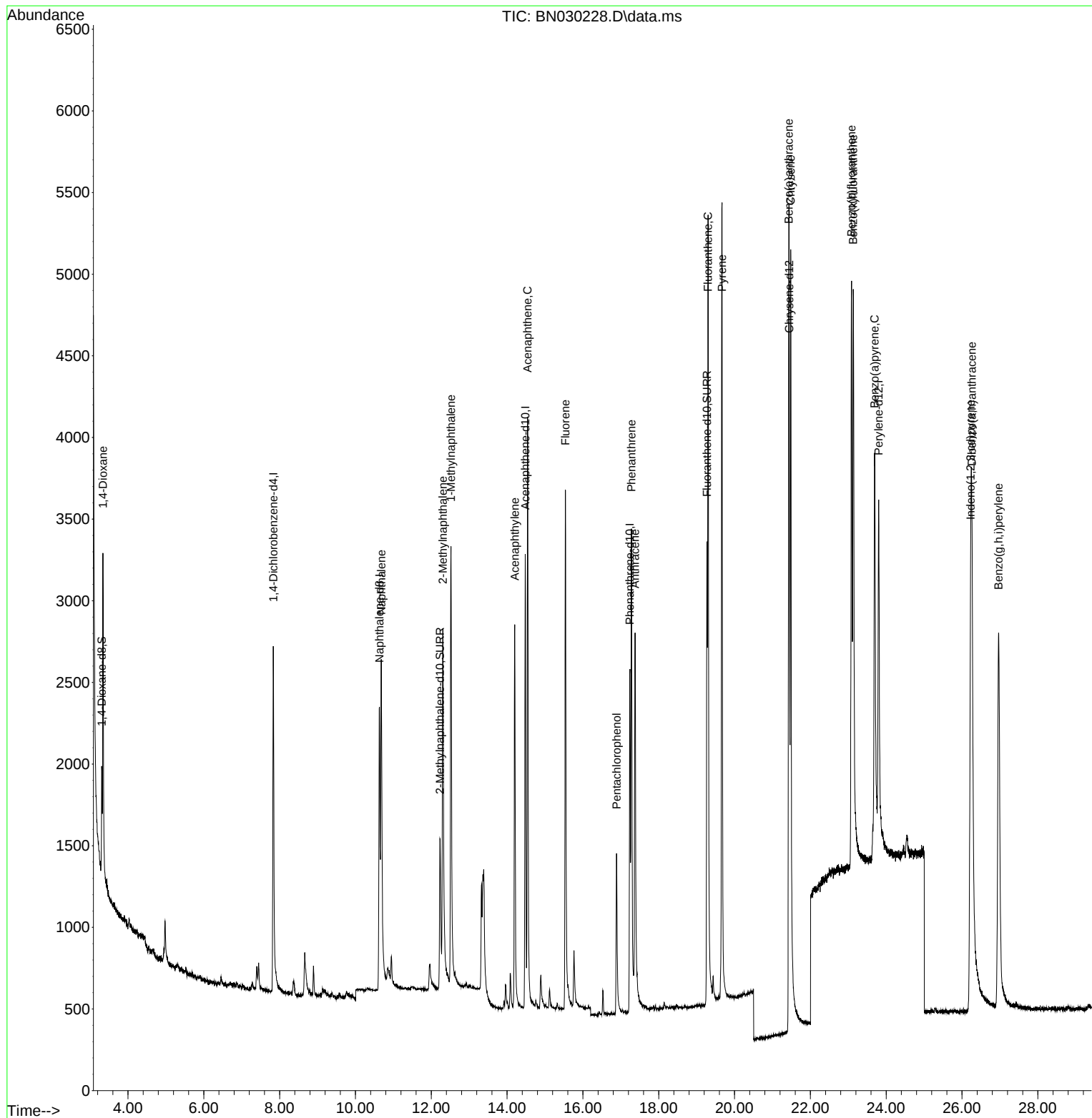
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	3690	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.479	164	1730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3251	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.445	240	2971	0.400	ng/ul	# 0.00
23) Perylene-d12	23.801	264	3434	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	462	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	1795	0.376	ng/ul	-0.01
18) Fluoranthene-d10	19.273	212	3840	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	1419	0.675	ng/ul	93
5) Naphthalene	10.683	128	3883	0.357	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	2149	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	2284	0.365	ng/ul	99
10) Acenaphthylene	14.202	152	3467	0.358	ng/ul	98
11) Acenaphthene	14.540	153	2496	0.352	ng/ul	97
12) Fluorene	15.539	166	2674	0.370	ng/ul	95
14) Pentachlorophenol	16.889	266	921	0.993	ng/ul	98
15) Phenanthrene	17.282	178	4045	0.371	ng/ul	99
16) Anthracene	17.374	178	3678	0.384	ng/ul	99
19) Fluoranthene	19.301	202	5045	0.382	ng/ul	97
20) Pyrene	19.668	202	5353	0.373	ng/ul	95
21) Benzo(a)anthracene	21.430	228	4446	0.423	ng/ul	99
22) Chrysene	21.480	228	5133	0.407	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	5369	0.405	ng/ul	95
25) Benzo(k)fluoranthene	23.131	252	5949	0.381	ng/ul#	93
26) Benzo(a)pyrene	23.693	252	5184	0.385	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.226	276	7077	0.411	ng/ul	95
28) Dibenzo(a,h)anthracene	26.260	278	5587	0.419	ng/ul	93
29) Benzo(g,h,i)perylene	26.967	276	6318	0.396	ng/ul#	93

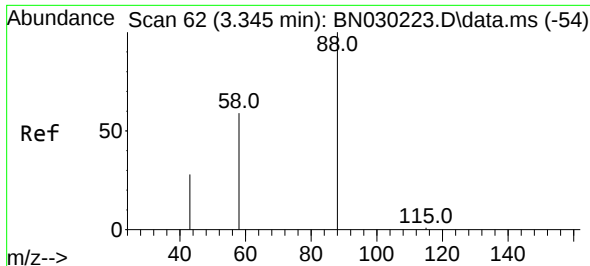
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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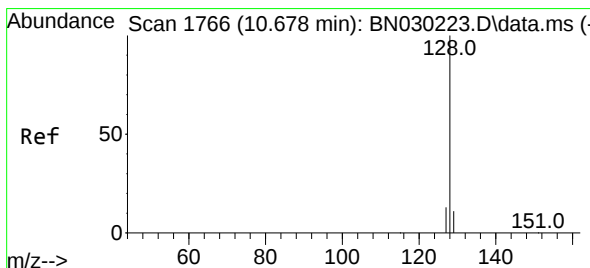
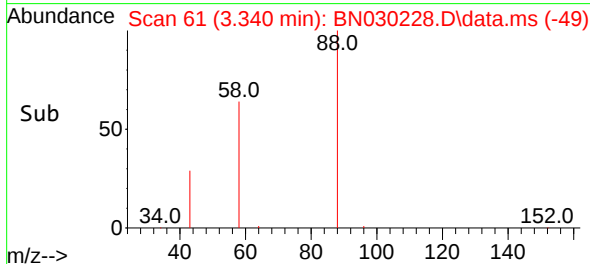
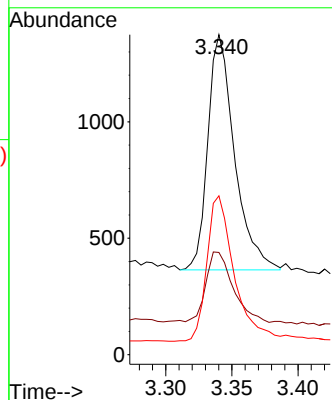
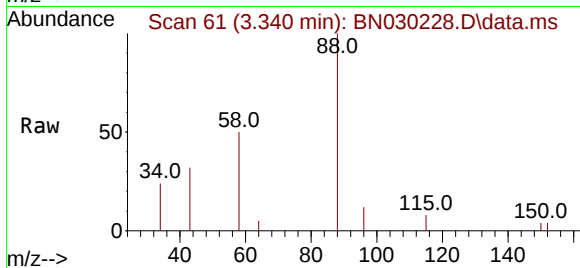




#2
1,4-Dioxane
Concen: 0.675 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

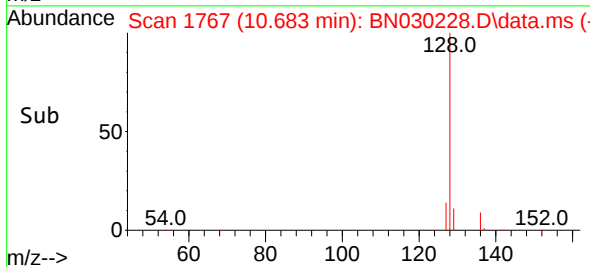
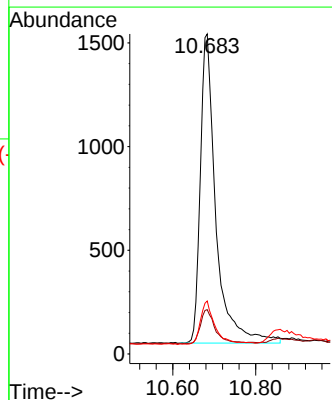
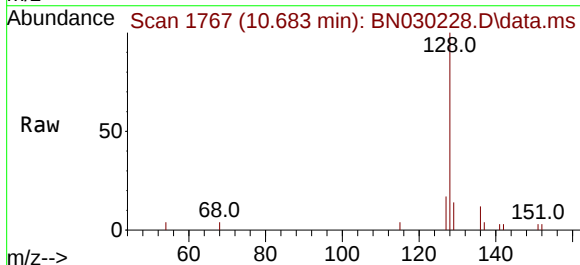
Instrument :
BNA_N
ClientSampleId :
E10A0MSD

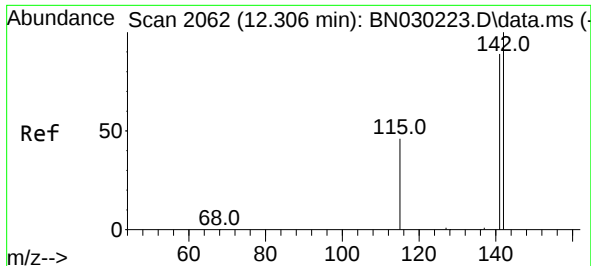
Tgt Ion: 88 Resp: 1419
Ion Ratio Lower Upper
88 100
43 32.0 25.7 38.5
58 49.6 33.8 50.8



#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:128 Resp: 3883
Ion Ratio Lower Upper
128 100
129 13.9 11.0 16.4
127 16.6 12.3 18.5

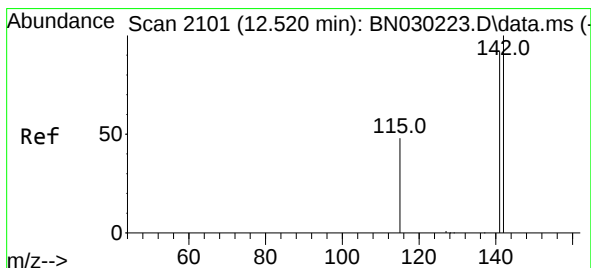
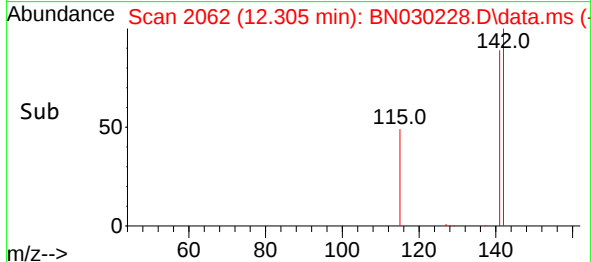
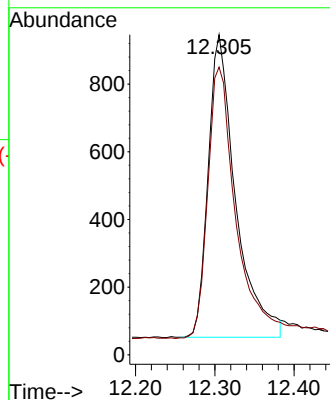
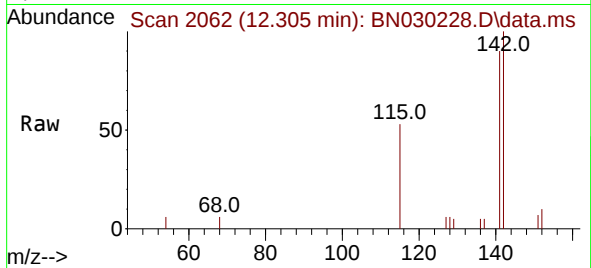




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

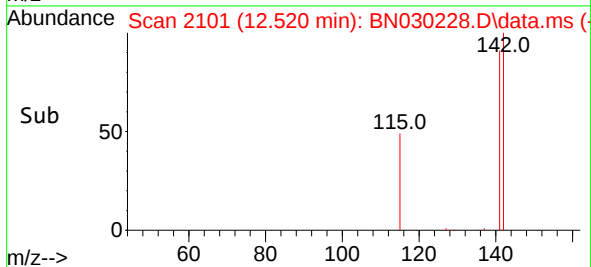
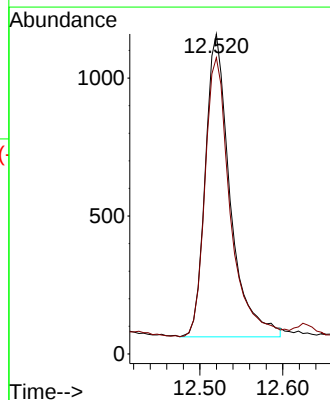
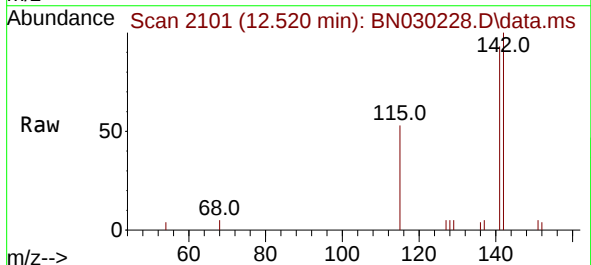
Instrument :
BNA_N
ClientSampleId :
E10A0MSD

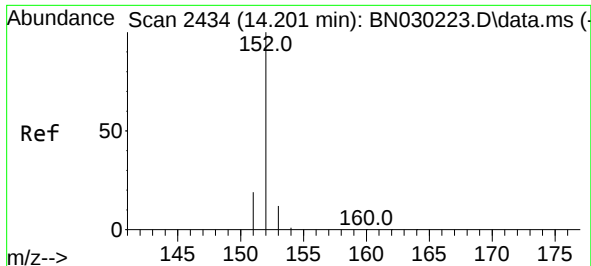
Tgt Ion:142 Resp: 2149
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:142 Resp: 2284
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.2

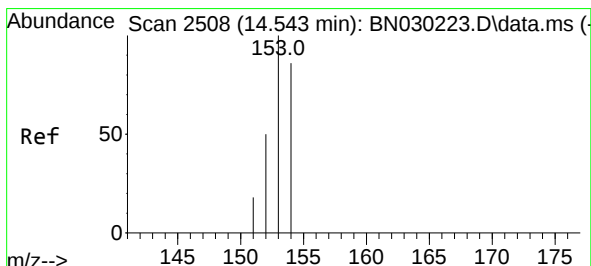
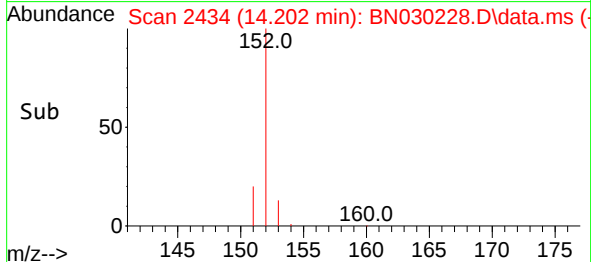
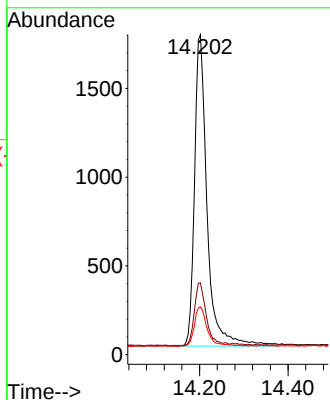
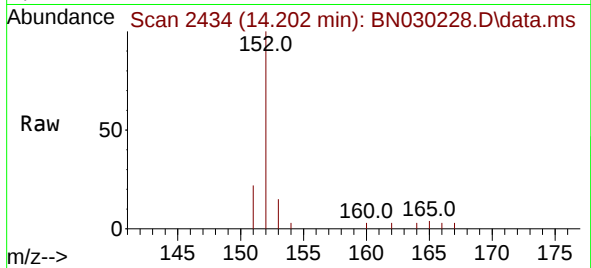




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.202 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

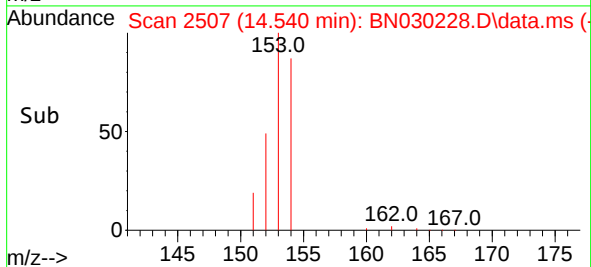
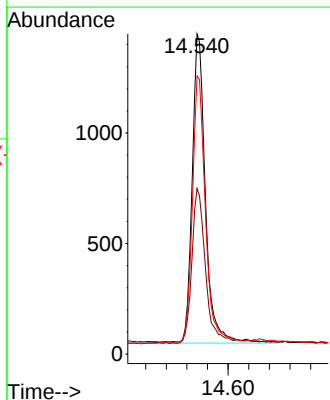
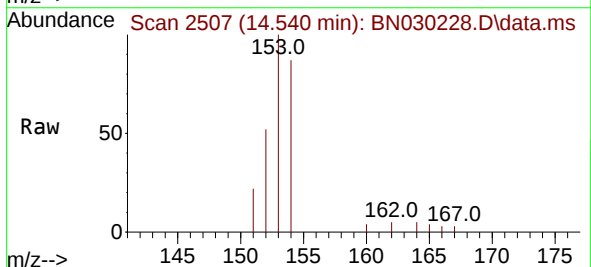
Instrument :
BNA_N
ClientSampleId :
E10A0MSD

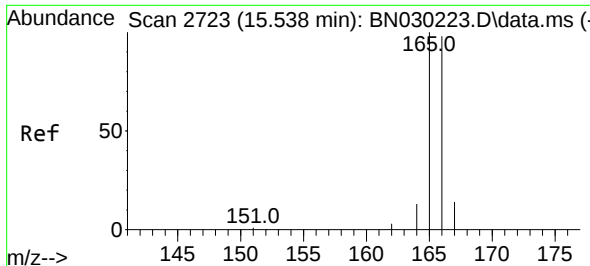
Tgt Ion:152 Resp: 3467
Ion Ratio Lower Upper
152 100
151 22.5 16.9 25.3
153 15.0 11.8 17.6



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.540 min Scan# 2507
Delta R.T. -0.009 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:153 Resp: 2496
Ion Ratio Lower Upper
153 100
152 51.7 43.2 64.8
154 86.9 67.5 101.3

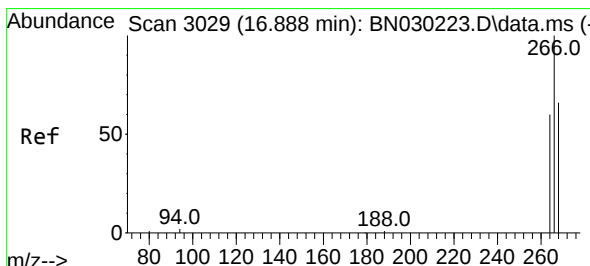
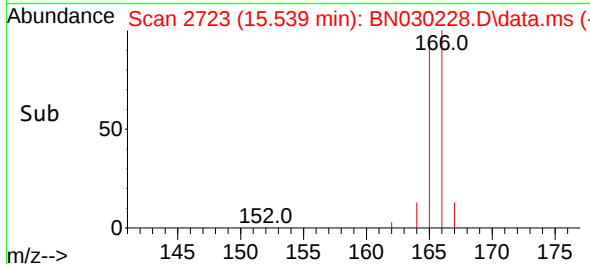
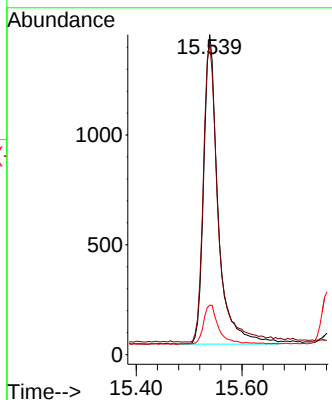
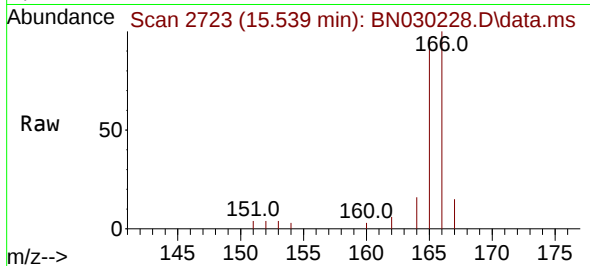




#12
 Fluorene
 Concen: 0.370 ng/ul
 RT: 15.539 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN030228.D
 Acq: 03 Mar 2024 21:11

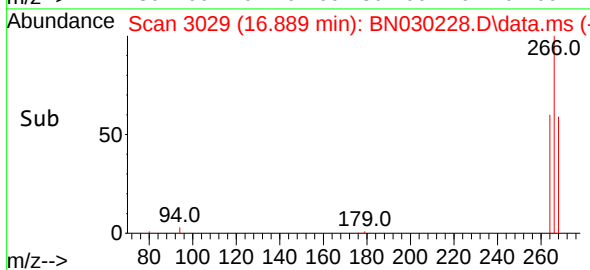
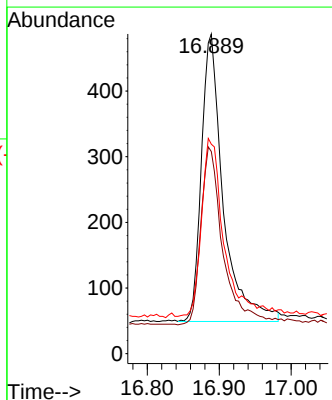
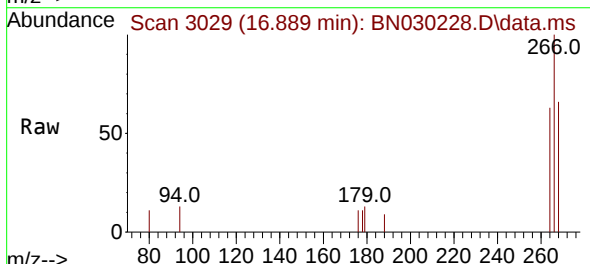
Instrument :
 BNA_N
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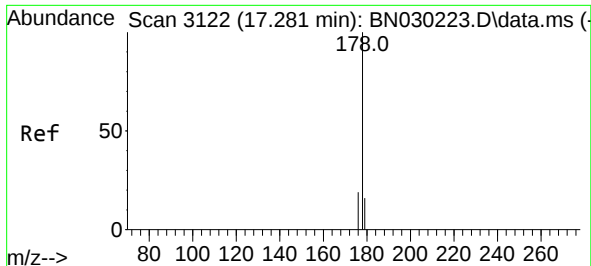
Tgt Ion:166 Resp: 2674
 Ion Ratio Lower Upper
 166 100
 165 97.1 81.8 122.6
 167 15.4 13.0 19.4



#14
 Pentachlorophenol
 Concen: 0.993 ng/ul
 RT: 16.889 min Scan# 3029
 Delta R.T. -0.017 min
 Lab File: BN030228.D
 Acq: 03 Mar 2024 21:11

Tgt Ion:266 Resp: 921
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.8 74.8
 268 63.7 53.4 80.2

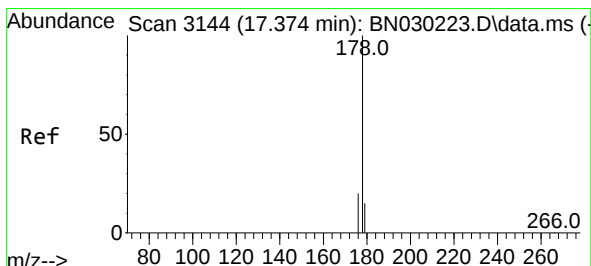
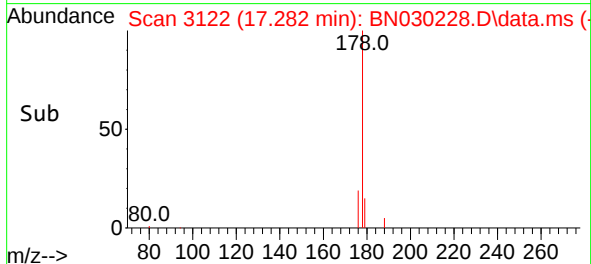
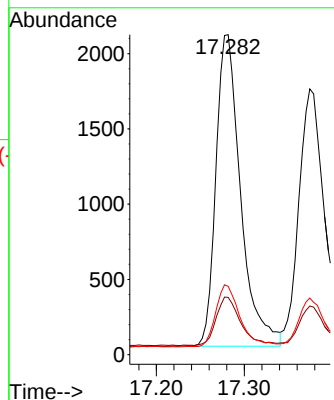
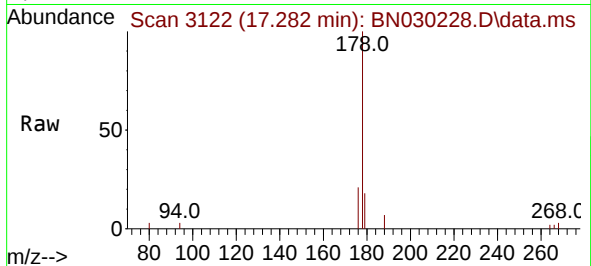




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.282 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

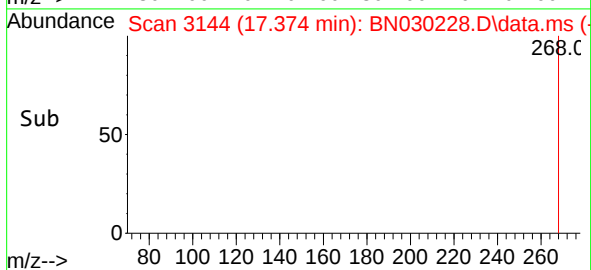
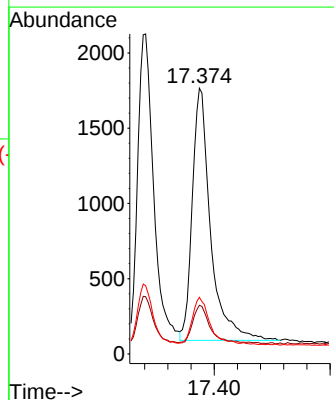
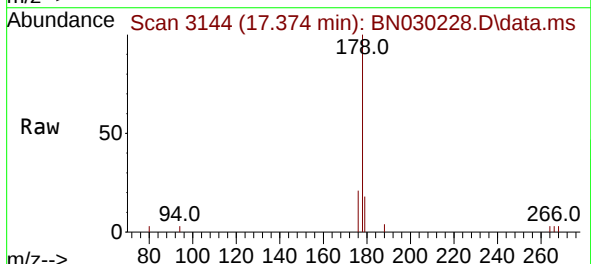
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ClientSampleId :
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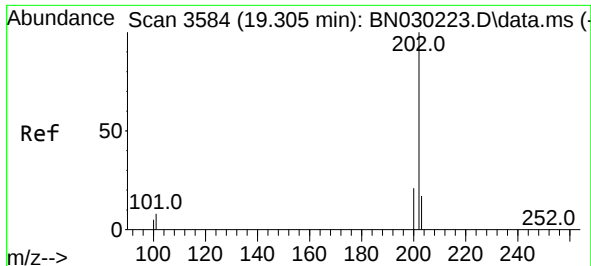
Tgt Ion:	178	Resp:	4045
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.8	20.8
176	21.4	16.6	25.0



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.374 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:	178	Resp:	3678
Ion Ratio	Lower	Upper	
178	100		
179	18.3	14.8	22.2
176	21.3	17.8	26.6

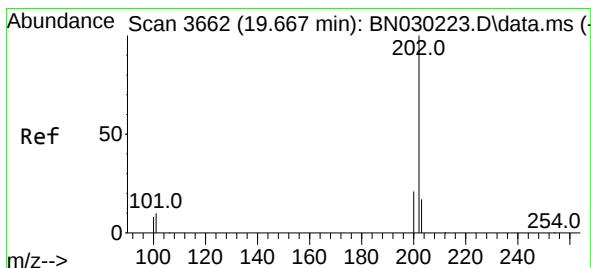
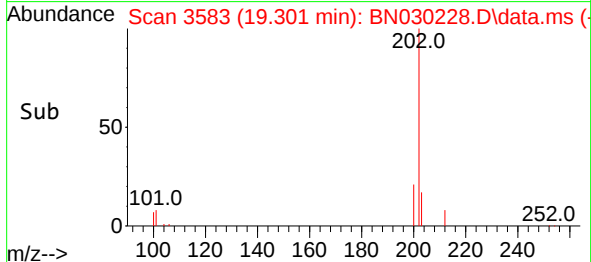
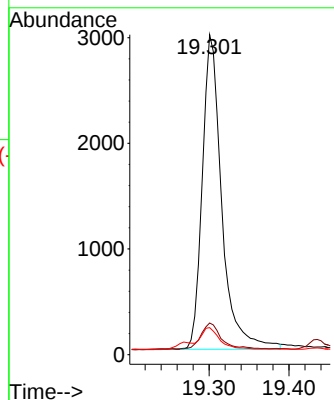
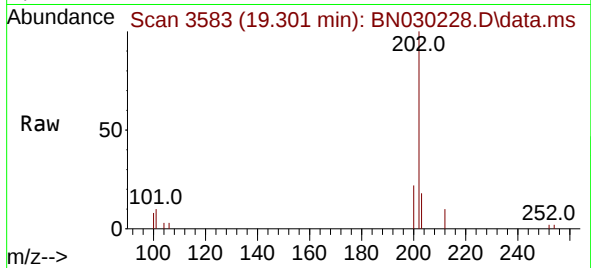




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.301 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

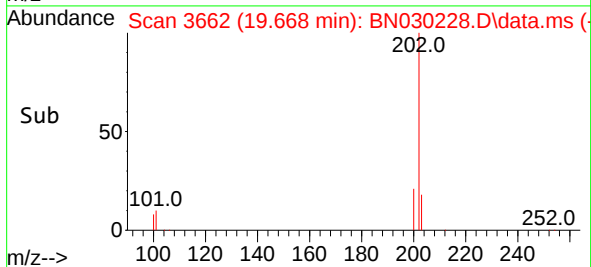
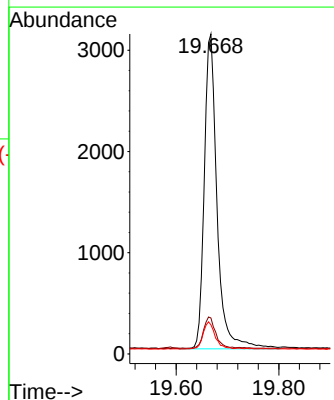
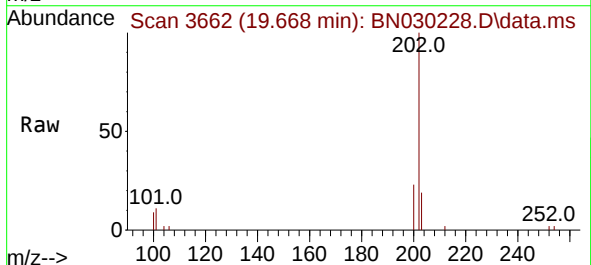
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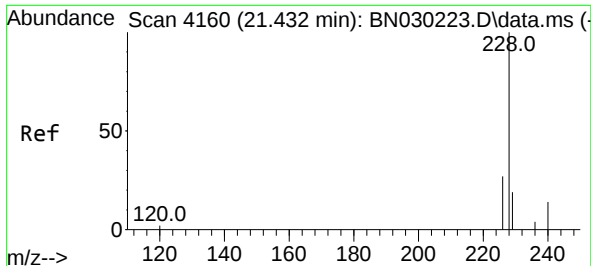
Tgt Ion:	202	Resp:	5045
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	8.5	7.4	11.2



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.668 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:	202	Resp:	5353
Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	9.1	8.8	13.2

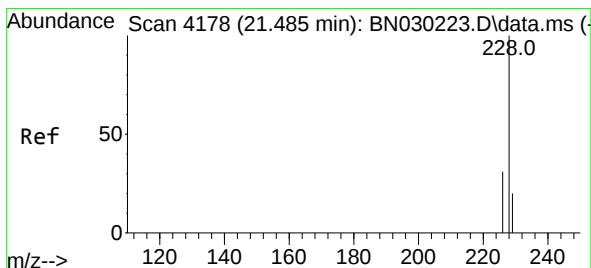
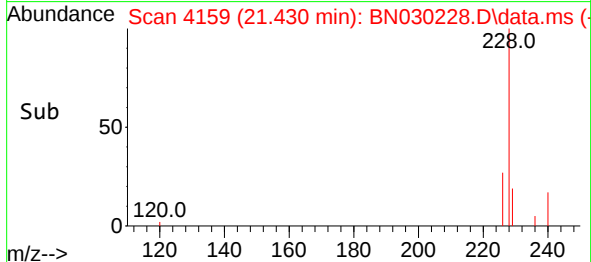
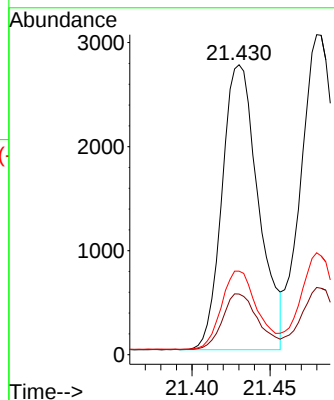
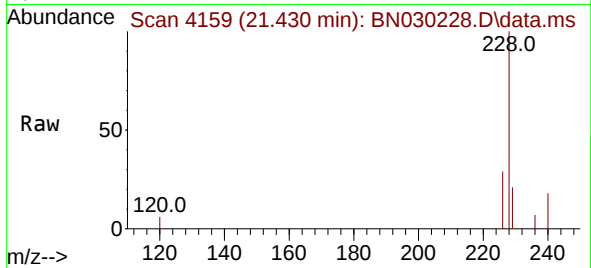




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.430 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

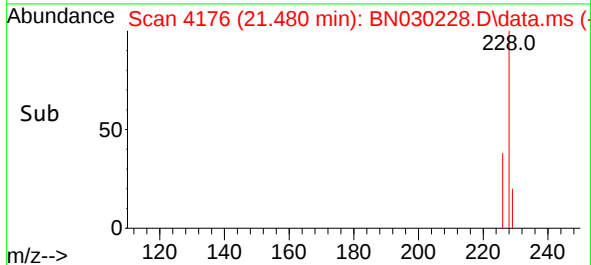
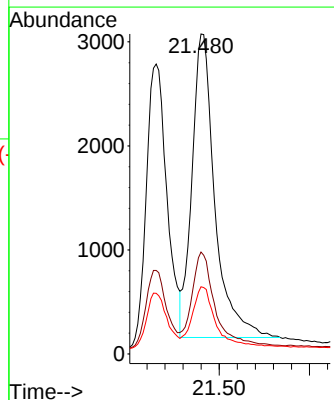
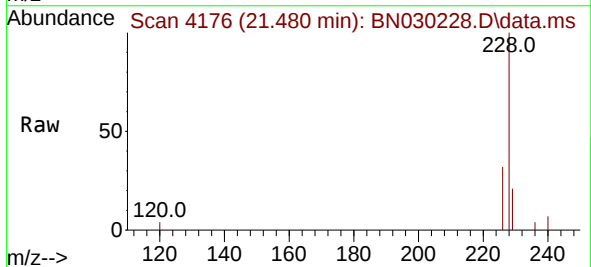
Instrument :
BNA_N
ClientSampleId :
E10A0MSD

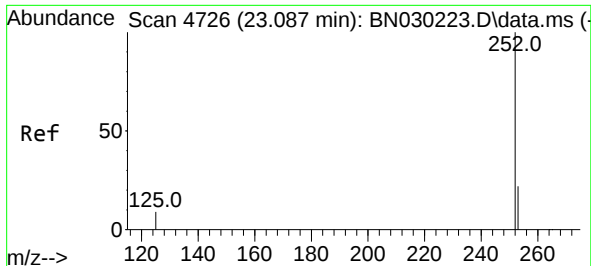
Tgt Ion:228 Resp: 4446
Ion Ratio Lower Upper
228 100
229 20.9 16.6 24.8
226 28.8 23.7 35.5



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.480 min Scan# 4176
Delta R.T. -0.009 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:228 Resp: 5133
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 21.0 16.6 24.8

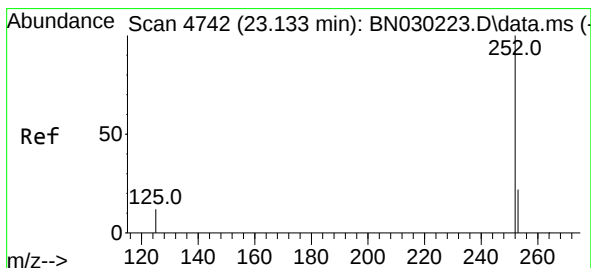
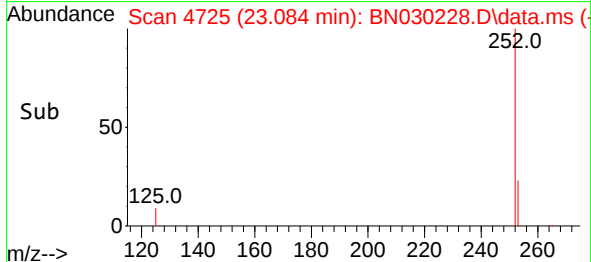
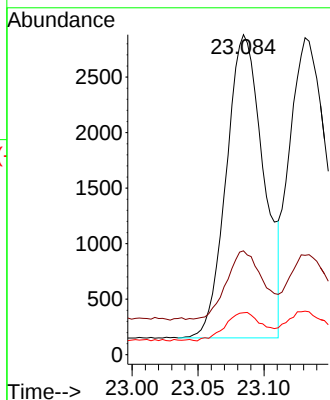
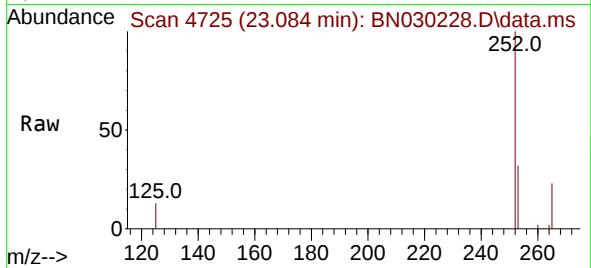




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.084 min Scan# 4726
Delta R.T. -0.012 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

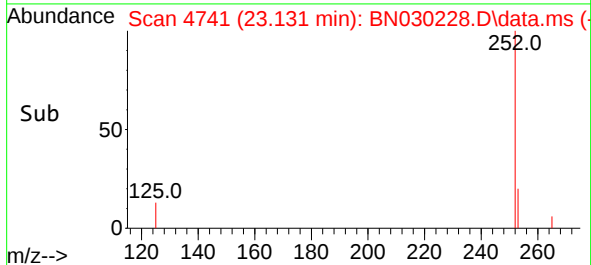
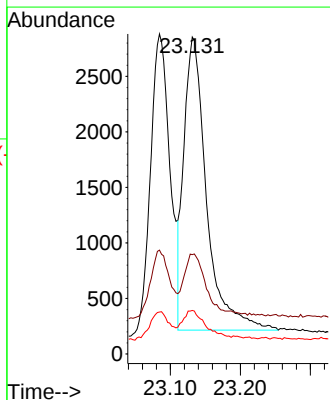
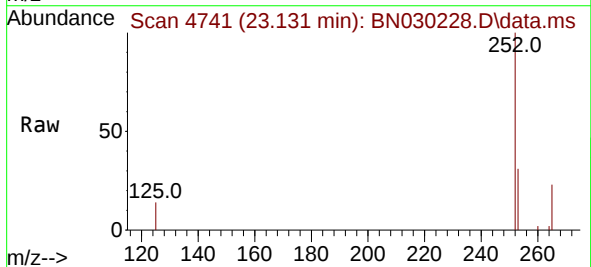
Instrument :
BNA_N
ClientSampleId :
E10A0MSD

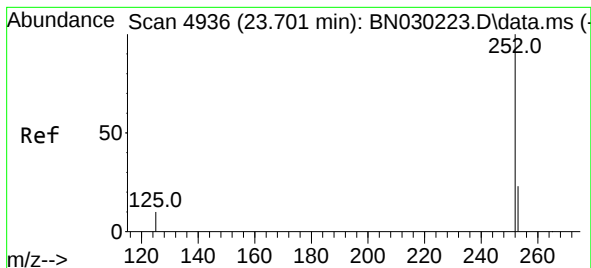
Tgt Ion:252	Resp:	5369
Ion	Ratio	Lower Upper
252	100	
253	32.5	0.0 69.4
125	13.1	0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.131 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:252	Resp:	5949
Ion	Ratio	Lower Upper
252	100	
253	31.4	28.0 42.0
125	13.7	14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.693 min Scan# 4933

Delta R.T. -0.018 min

Lab File: BN030228.D

Acq: 03 Mar 2024 21:11

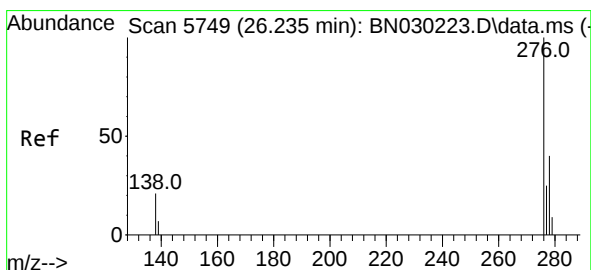
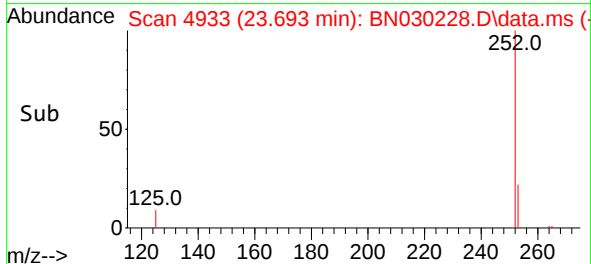
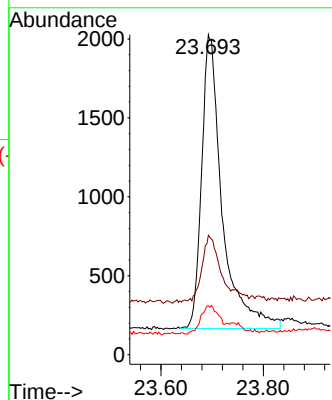
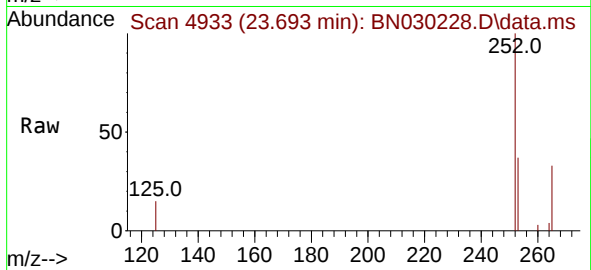
Instrument :

BNA_N

ClientSampleId :

E10A0MSD

Tgt Ion:	252	Resp:	5184
Ion	Ratio	Lower	Upper
252	100		
253	37.3	33.0	49.4
125	15.2	16.9	25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

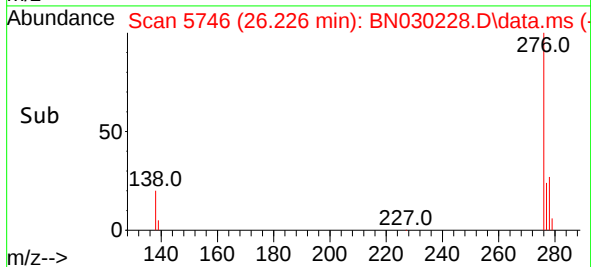
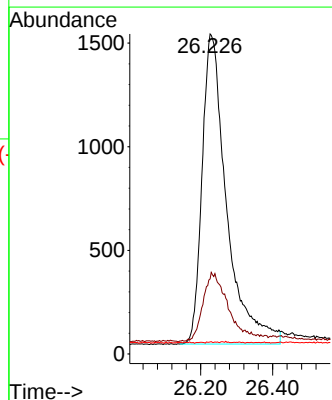
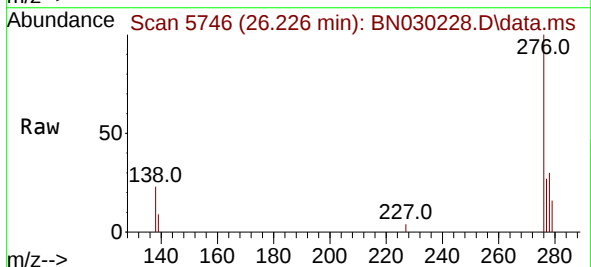
RT: 26.226 min Scan# 5746

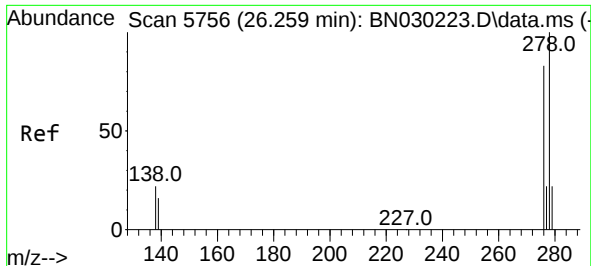
Delta R.T. -0.023 min

Lab File: BN030228.D

Acq: 03 Mar 2024 21:11

Tgt Ion:	276	Resp:	7077
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.9	31.3
227	0.1	0.1	0.1

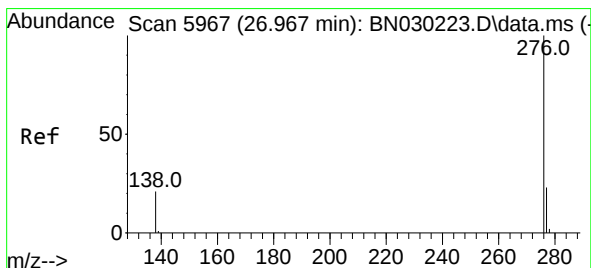
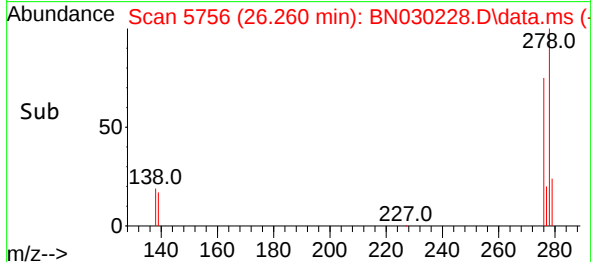
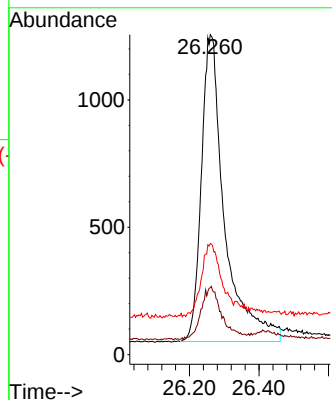
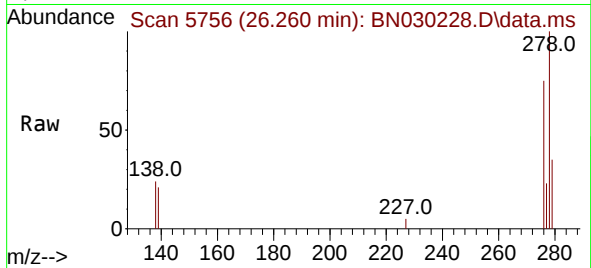




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.260 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Instrument :
BNA_N
ClientSampleId :
E10A0MSD

Tgt Ion:278 Resp: 5587
Ion Ratio Lower Upper
278 100
139 20.9 18.9 28.3
279 34.7 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.967 min Scan# 5967
Delta R.T. -0.017 min
Lab File: BN030228.D
Acq: 03 Mar 2024 21:11

Tgt Ion:276 Resp: 6318
Ion Ratio Lower Upper
276 100
138 21.9 22.6 33.8#
277 26.5 21.9 32.9

