

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
 Data File : BN030510.D
 Acq On : 27 Mar 2024 18:07
 Operator : MA/JU
 Sample : P1848-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY4MSD

Quant Time: Mar 27 18:50:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 15:11:42 2024
 Response via : Initial Calibration

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

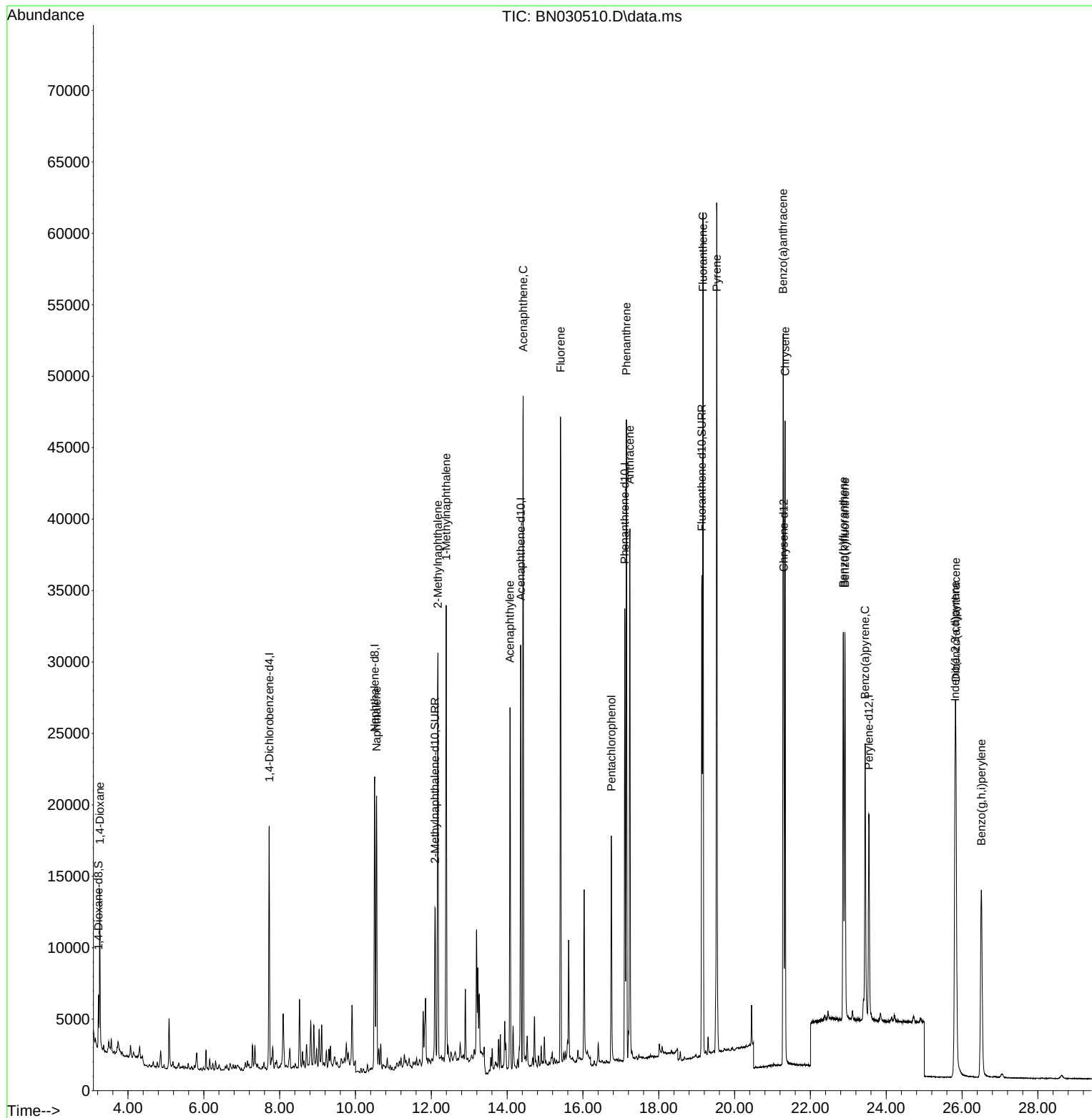
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	8203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	26413	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.358	164	16495	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.104	188	35783	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.298	240	23439	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	19831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2313	0.257	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.097	152	13617	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	37042	0.511	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	7133	0.783	ng/ul	88
5) Naphthalene	10.557	128	25199	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.174	142	19553	0.411	ng/ul	100
8) 1-Methylnaphthalene	12.394	142	21358	0.425	ng/ul	100
10) Acenaphthylene	14.076	152	28053	0.377	ng/ul	99
11) Acenaphthene	14.423	153	25920	0.447	ng/ul	97
12) Fluorene	15.409	166	27101	0.397	ng/ul	99
14) Pentachlorophenol	16.749	266	10274	1.571	ng/ul	100
15) Phenanthrene	17.146	178	46206	0.430	ng/ul	99
16) Anthracene	17.239	178	39869	0.441	ng/ul	99
19) Fluoranthene	19.165	202	49132	0.508	ng/ul	98
20) Pyrene	19.532	202	49963	0.525	ng/ul	99
21) Benzo(a)anthracene	21.281	228	38722	0.479	ng/ul	98
22) Chrysene	21.333	228	38017	0.426	ng/ul	99
24) Benzo(b)fluoranthene	22.867	252	33462	0.414	ng/ul	100
25) Benzo(k)fluoranthene	22.911	252	34233	0.402	ng/ul	100
26) Benzo(a)pyrene	23.443	252	28607	0.436	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.816	276	34958	0.472	ng/ul	98
28) Dibenzo(a,h)anthracene	25.836	278	27803	0.472	ng/ul	98
29) Benzo(g,h,i)perylene	26.507	276	28362	0.450	ng/ul	99

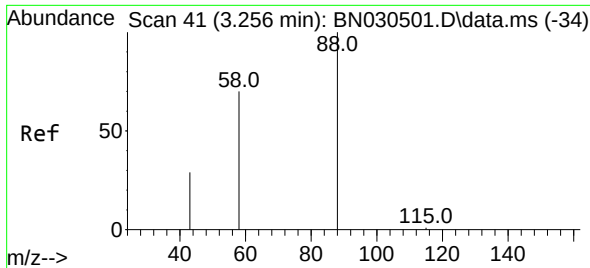
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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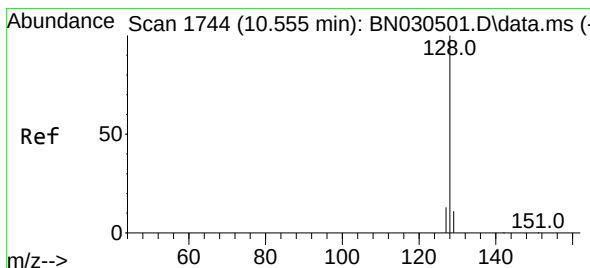
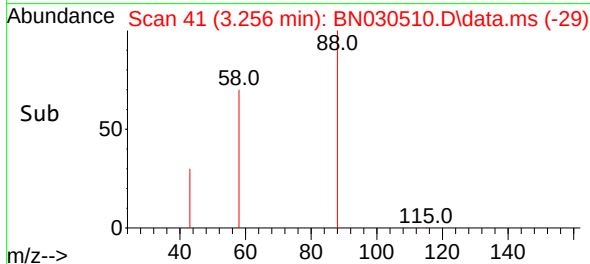
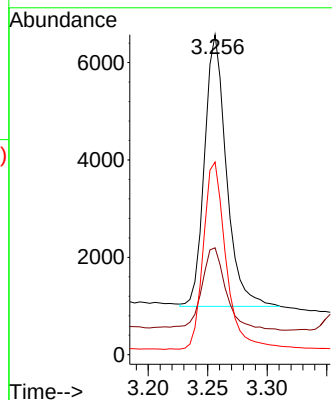
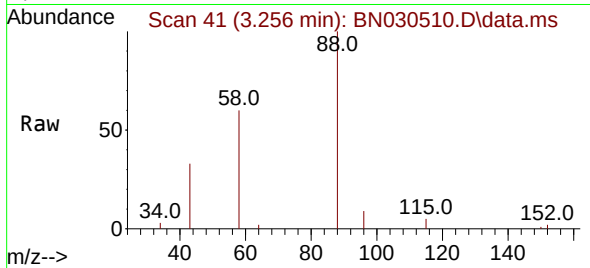




#2
1,4-Dioxane
Concen: 0.783 ng/ul
RT: 3.256 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

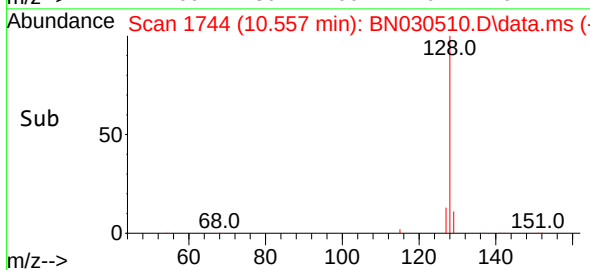
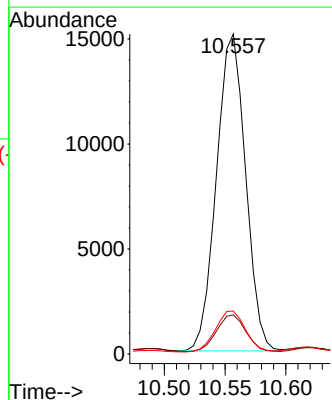
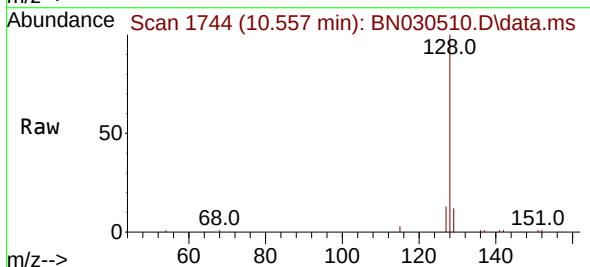
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

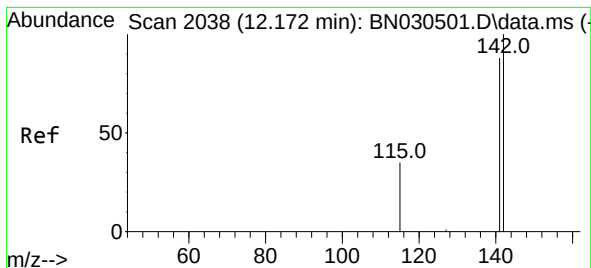
Tgt Ion:	88	Resp:	7133
Ion	Ratio	Lower	Upper
88	100		
43	33.4	22.9	34.3
58	60.2	40.3	60.5



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:	128	Resp:	25199
Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.4	10.7	16.1

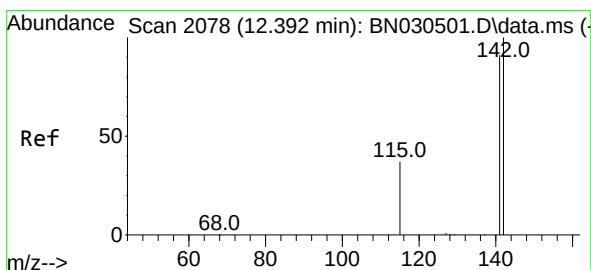
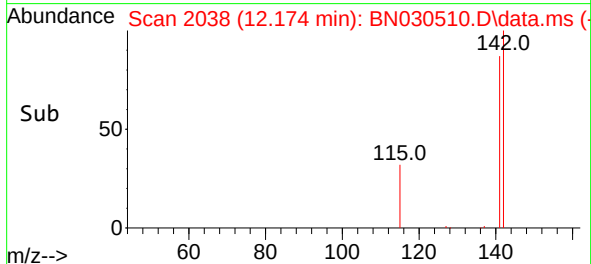
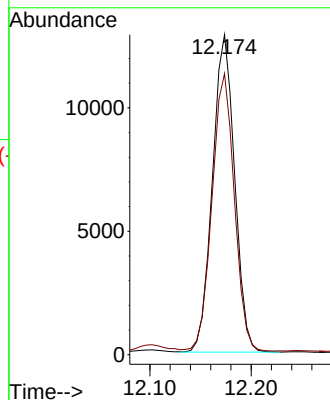
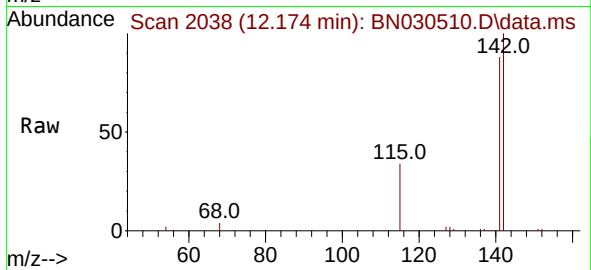




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.174 min Scan# 2038
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

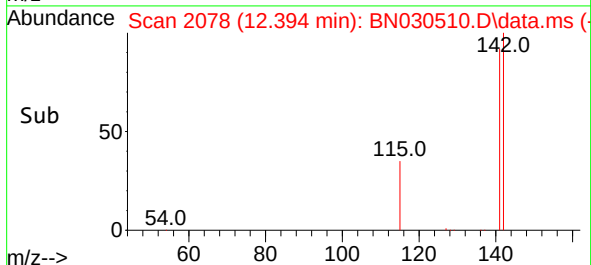
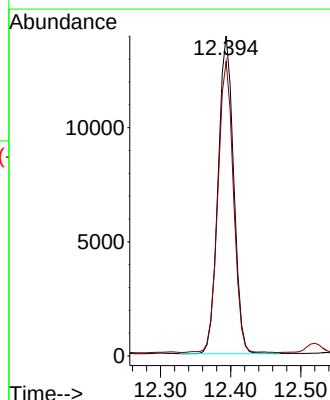
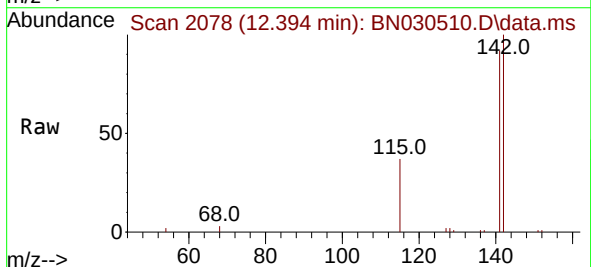
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

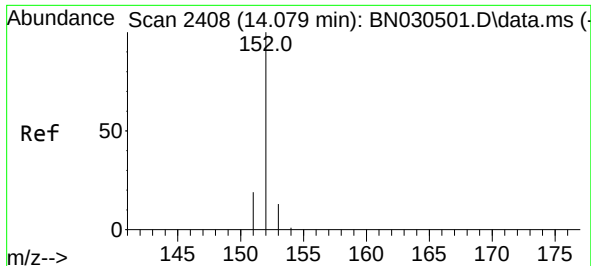
Tgt Ion:142 Resp: 19553
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.394 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:142 Resp: 21358
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

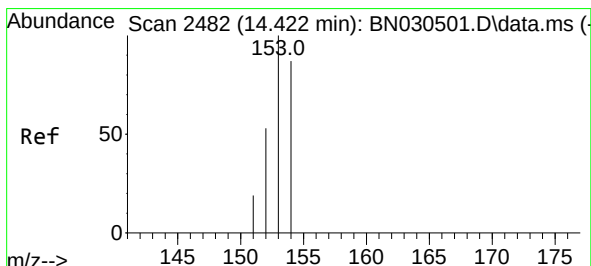
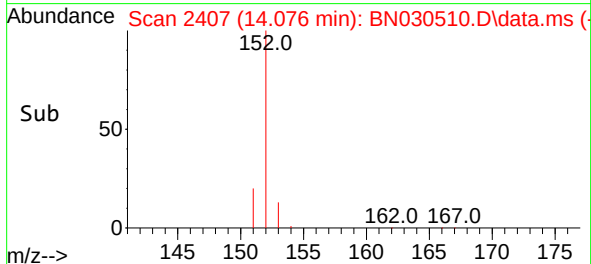
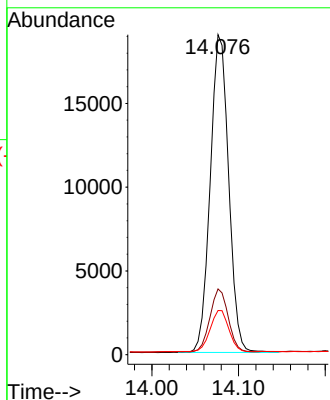
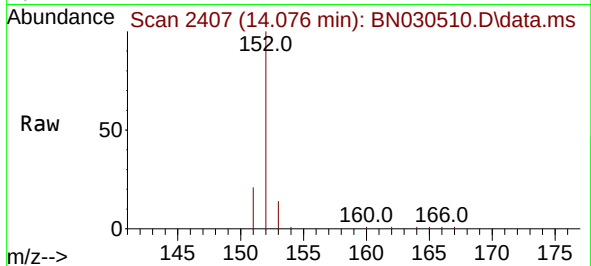




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.076 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

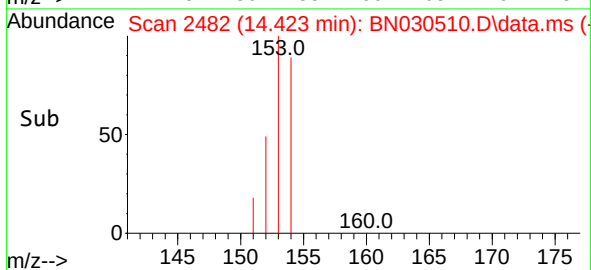
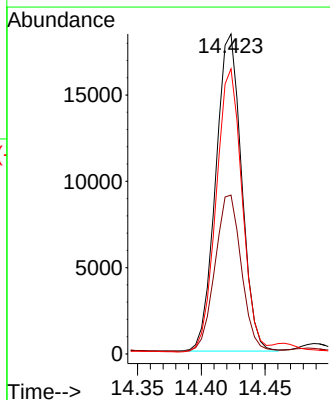
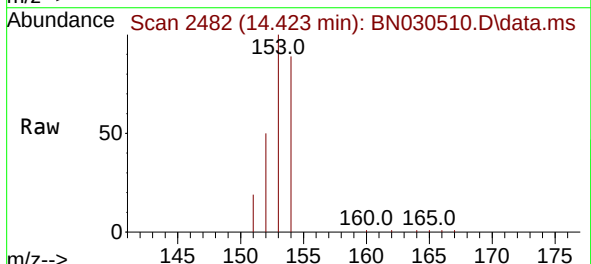
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

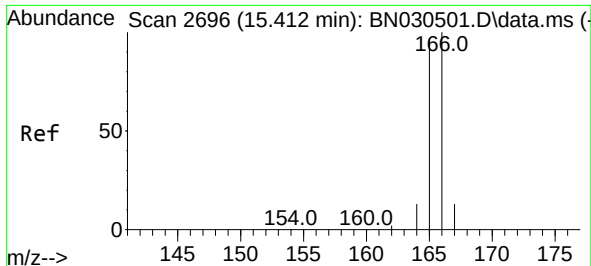
Tgt Ion:152 Resp: 28053
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:153 Resp: 25920
Ion Ratio Lower Upper
153 100
152 49.6 42.9 64.3
154 89.1 69.8 104.8

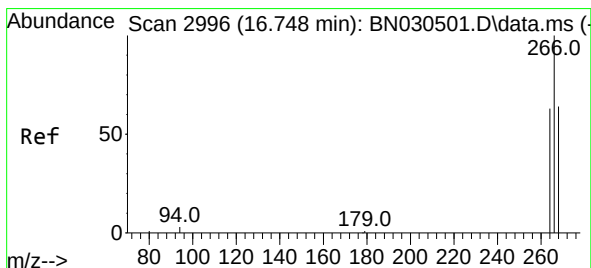
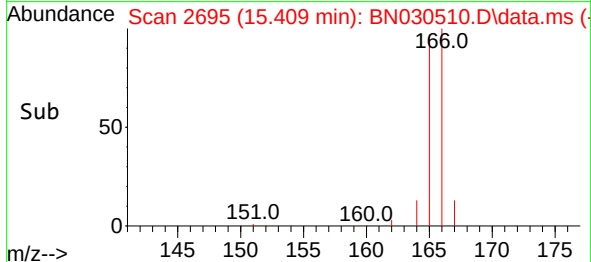
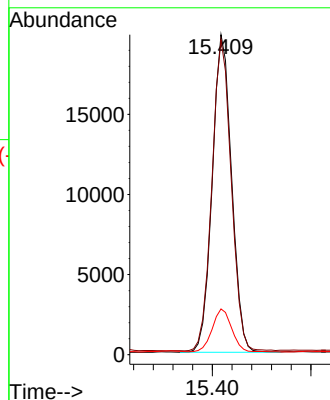
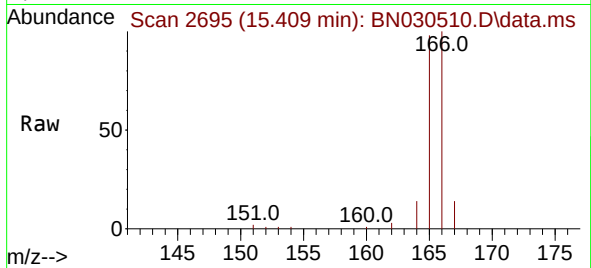




#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.409 min Scan# 2695
Delta R.T. -0.003 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

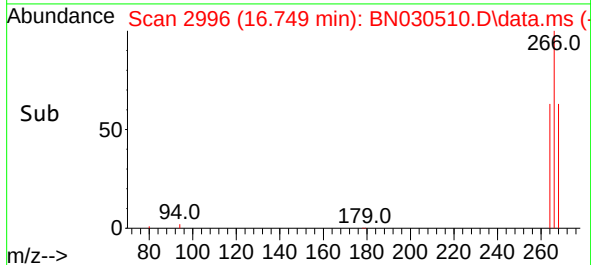
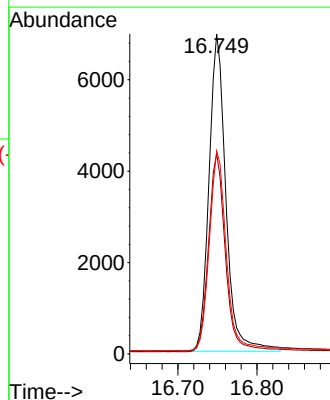
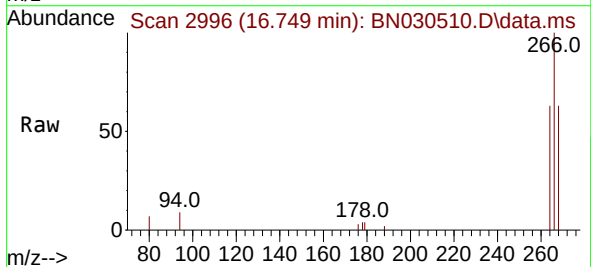
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

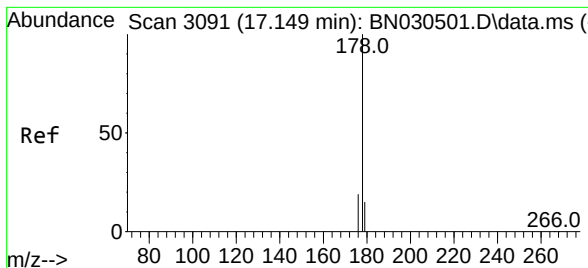
Tgt Ion:166	Resp:	27101
Ion Ratio	Lower	Upper
166	100	
165	98.4	77.5 116.3
167	14.3	11.0 16.6



#14
Pentachlorophenol
Concen: 1.571 ng/ul
RT: 16.749 min Scan# 2996
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:266	Resp:	10274
Ion Ratio	Lower	Upper
266	100	
264	62.6	50.0 75.0
268	63.4	51.0 76.6





#15

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.146 min Scan# 3091

Delta R.T. -0.003 min

Lab File: BN030510.D

Acq: 27 Mar 2024 18:07

Instrument :

BNA_N

ClientSampleId :

E0LY4MSD

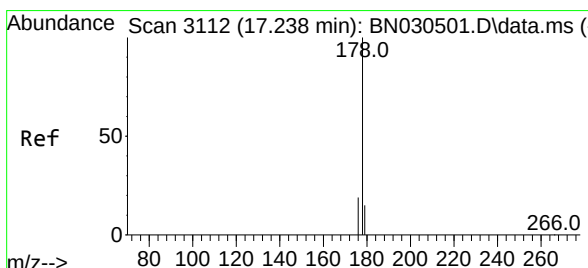
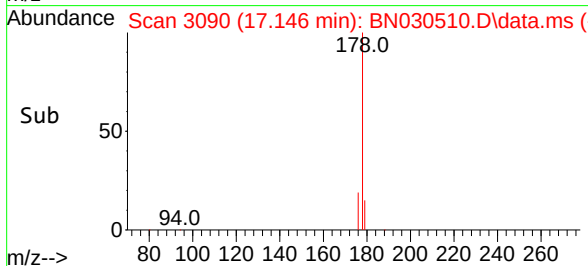
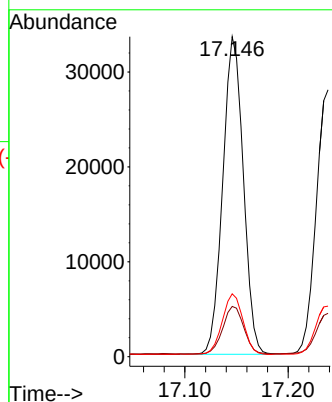
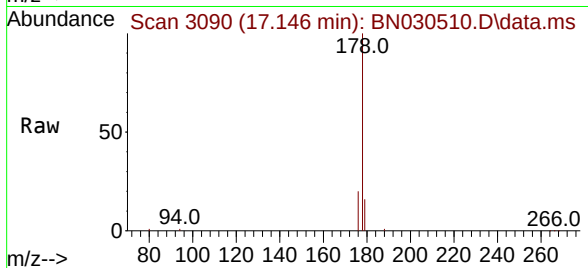
Tgt Ion:178 Resp: 46206

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.7 15.4 23.0



#16

Anthracene

Concen: 0.441 ng/ul

RT: 17.239 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BN030510.D

Acq: 27 Mar 2024 18:07

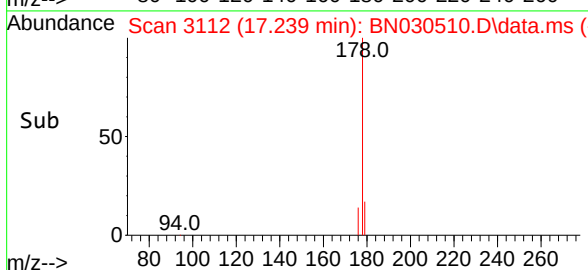
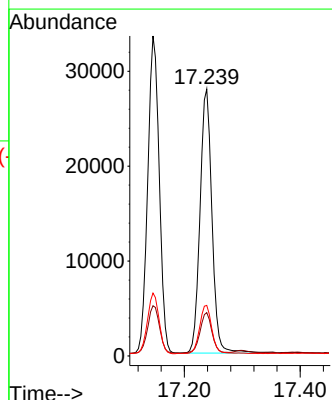
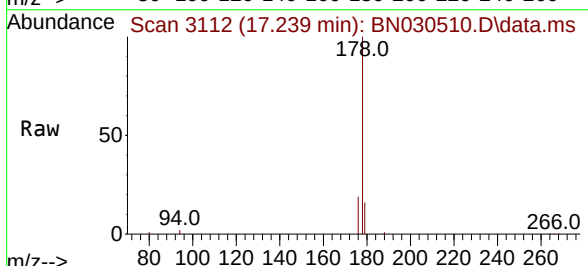
Tgt Ion:178 Resp: 39869

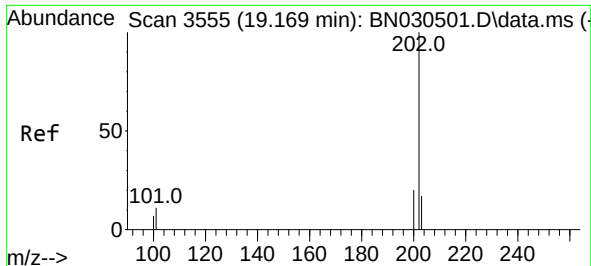
Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

176 19.0 15.3 22.9

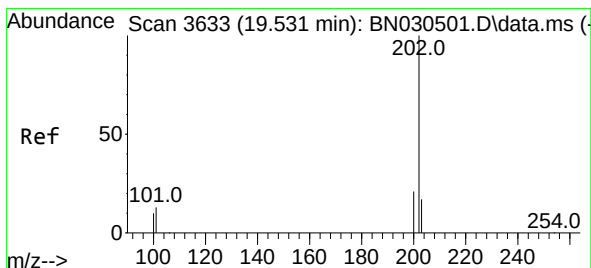
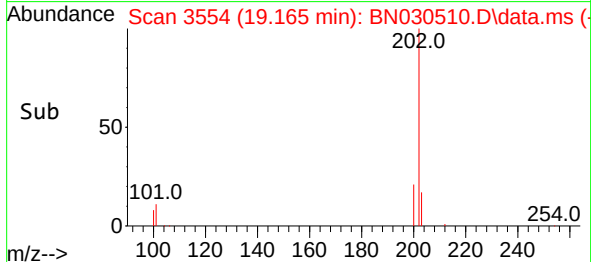
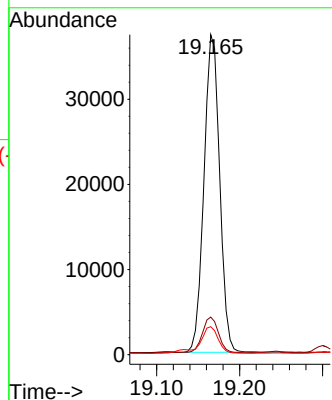
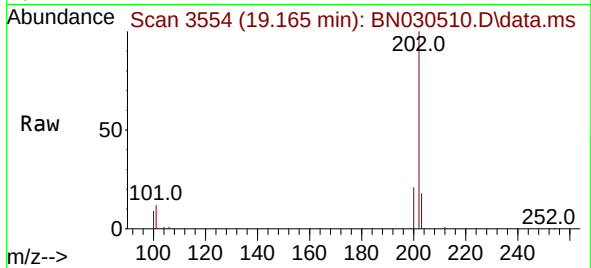




#19
Fluoranthene
Concen: 0.508 ng/u1
RT: 19.165 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

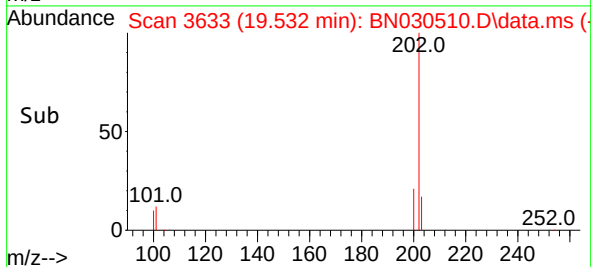
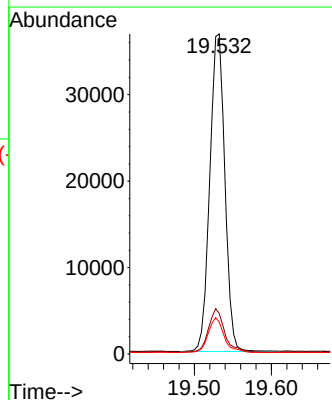
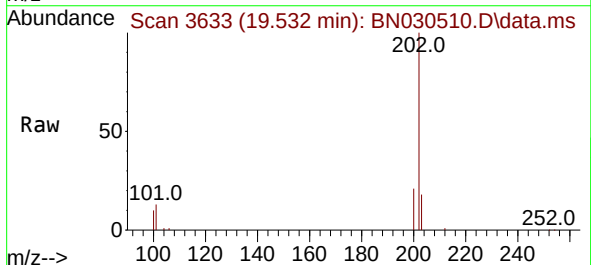
Instrument :
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E0LY4MSD

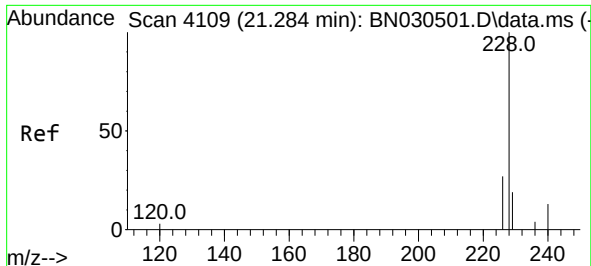
Tgt Ion:202 Resp: 49132
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.6 9.8



#20
Pyrene
Concen: 0.525 ng/u1
RT: 19.532 min Scan# 3633
Delta R.T. 0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:202 Resp: 49963
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.9 8.2 12.2

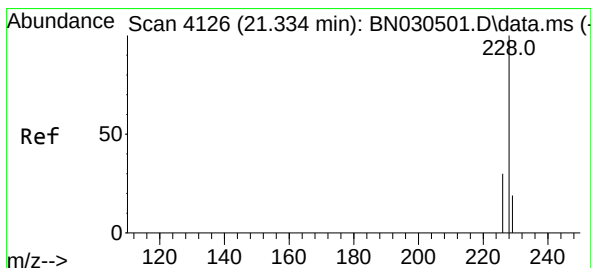
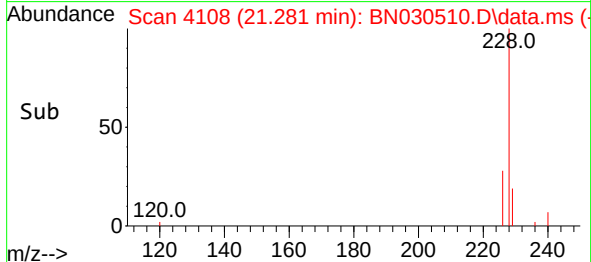
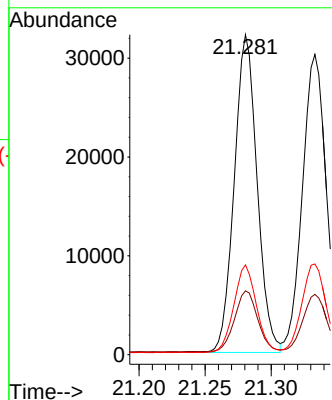
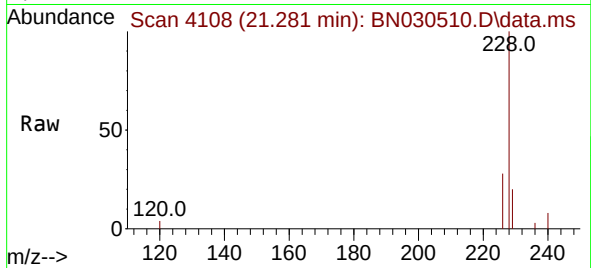




#21
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.281 min Scan# 4109
Delta R.T. -0.004 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

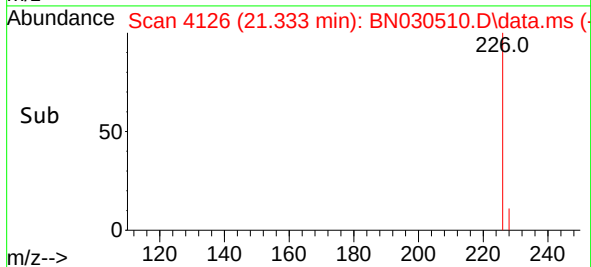
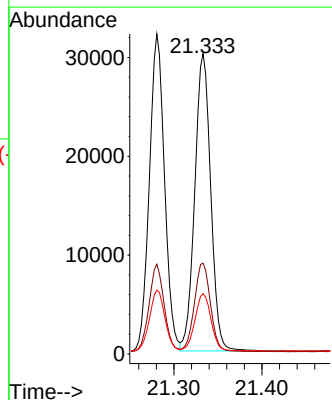
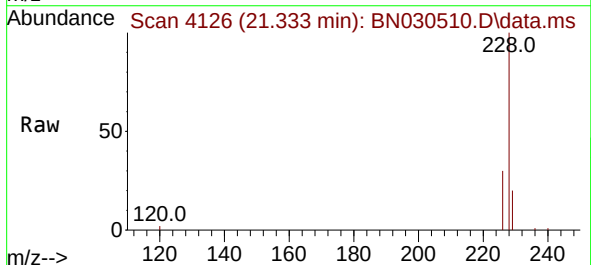
Instrument :
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E0LY4MSD

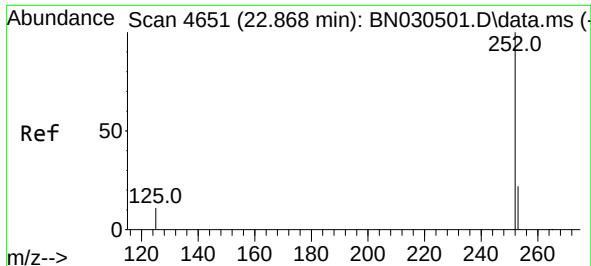
Tgt Ion:228 Resp: 38722
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.0 21.5 32.3



#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:228 Resp: 38017
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 20.1 15.6 23.4

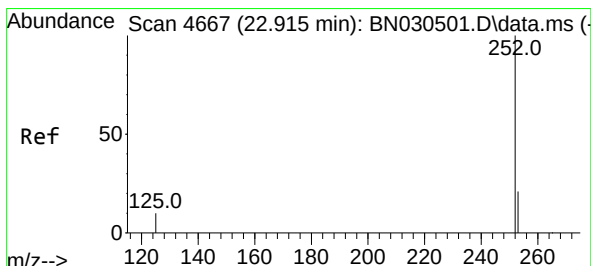
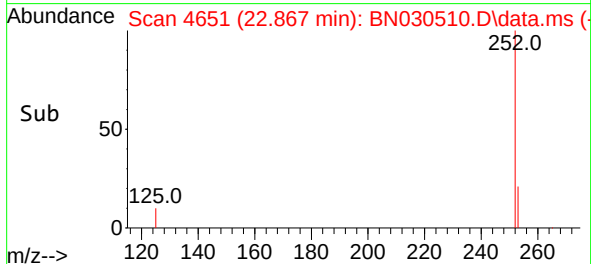
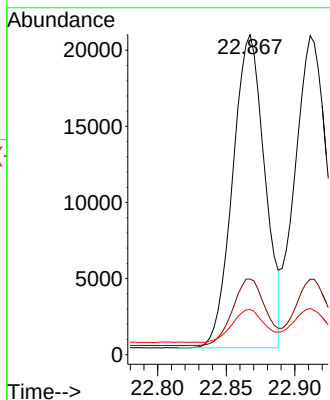
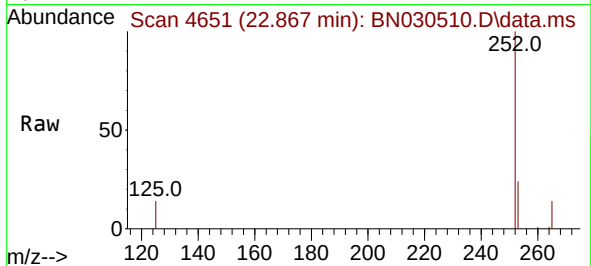




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.867 min Scan# 4651
Delta R.T. -0.001 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

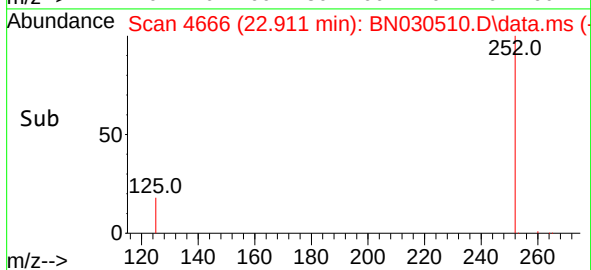
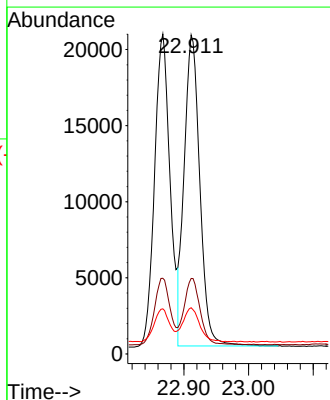
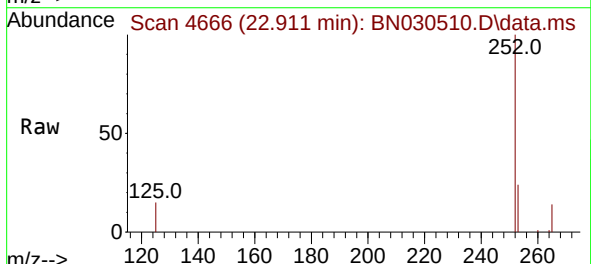
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

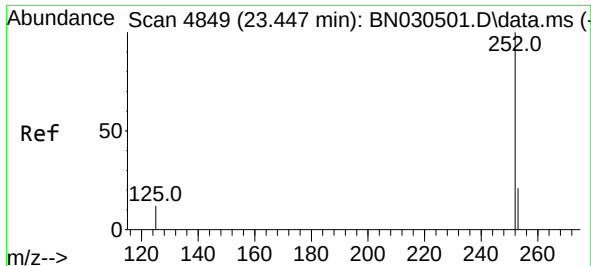
Tgt Ion:252 Resp: 33462
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.4
125 14.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:252 Resp: 34233
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 14.5 11.6 17.4

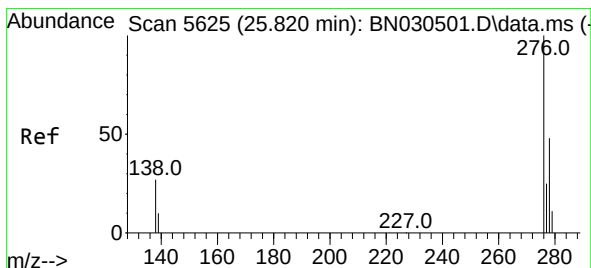
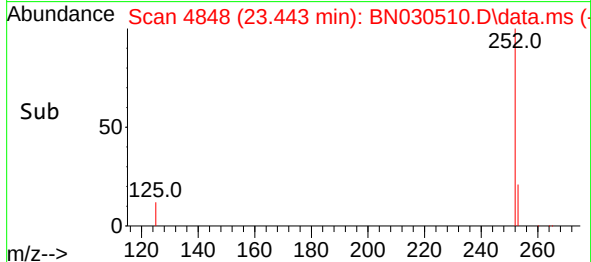
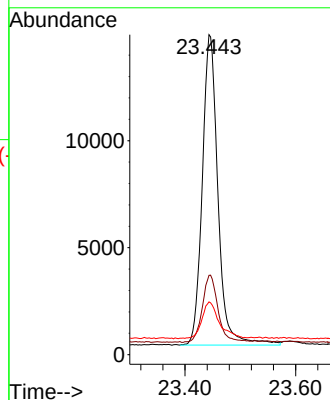
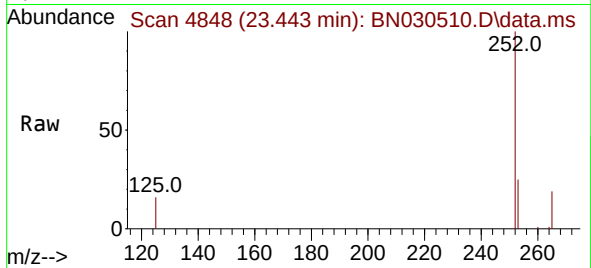




#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.443 min Scan# 4849
Delta R.T. -0.004 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

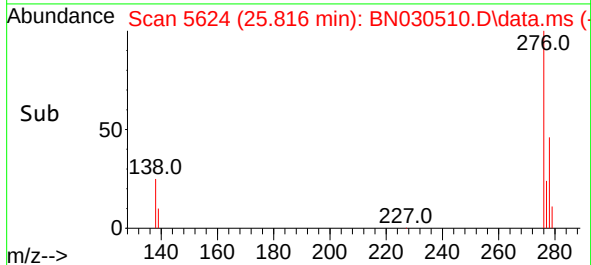
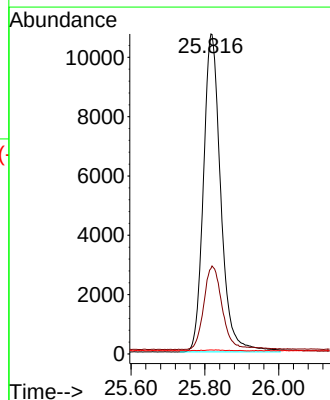
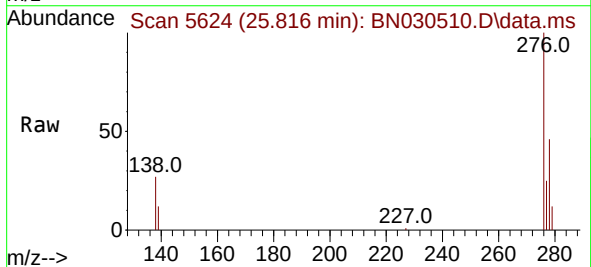
Instrument :
BNA_N
ClientSampleId :
E0LY4MSD

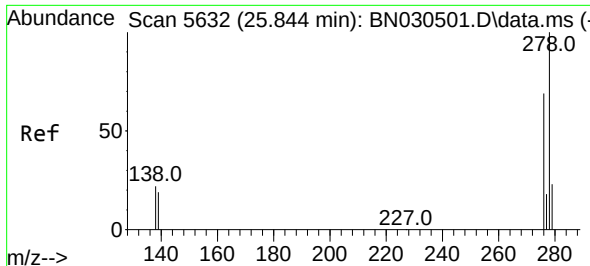
Tgt Ion:252 Resp: 28607
Ion Ratio Lower Upper
252 100
253 24.8 19.6 29.4
125 16.5 14.3 21.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 25.816 min Scan# 5624
Delta R.T. -0.004 min
Lab File: BN030510.D
Acq: 27 Mar 2024 18:07

Tgt Ion:276 Resp: 34958
Ion Ratio Lower Upper
276 100
138 28.2 23.3 34.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.472 ng/ul

RT: 25.836 min Scan# 5630

Delta R.T. -0.007 min

Lab File: BN030510.D

Acq: 27 Mar 2024 18:07

Instrument :

BNA_N

ClientSampleId :

E0LY4MSD

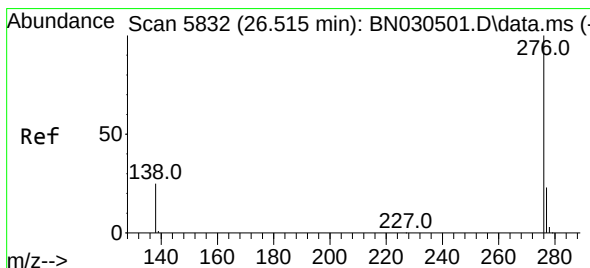
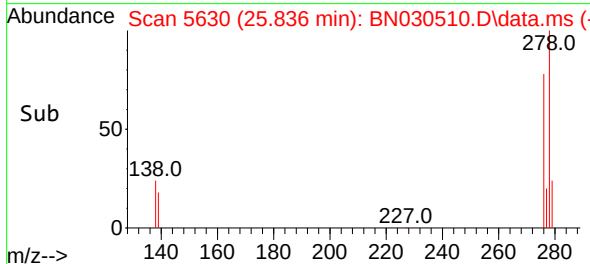
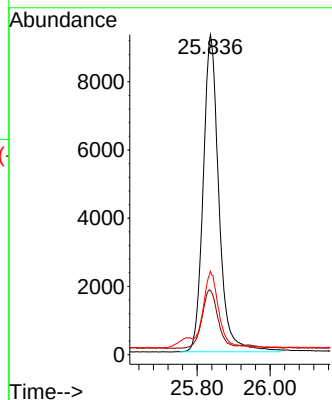
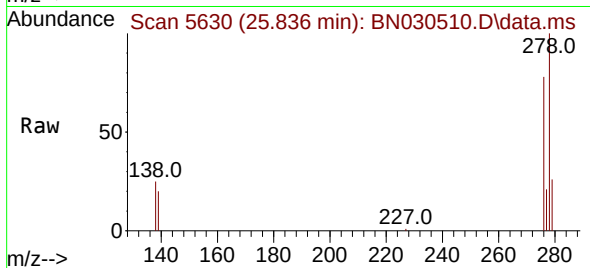
Tgt Ion:278 Resp: 27803

Ion Ratio Lower Upper

278 100

139 20.0 16.5 24.7

279 26.0 21.6 32.4



#29

Benzo(g,h,i)perylene

Concen: 0.450 ng/ul

RT: 26.507 min Scan# 5830

Delta R.T. -0.007 min

Lab File: BN030510.D

Acq: 27 Mar 2024 18:07

Tgt Ion:276 Resp: 28362

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

277 24.6 19.8 29.8

