

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048896.D
 Acq On : 07 Dec 2024 14:35
 Operator : RC/JU
 Sample : P5114-06MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1PK0MSD

Quant Time: Dec 08 21:47:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

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

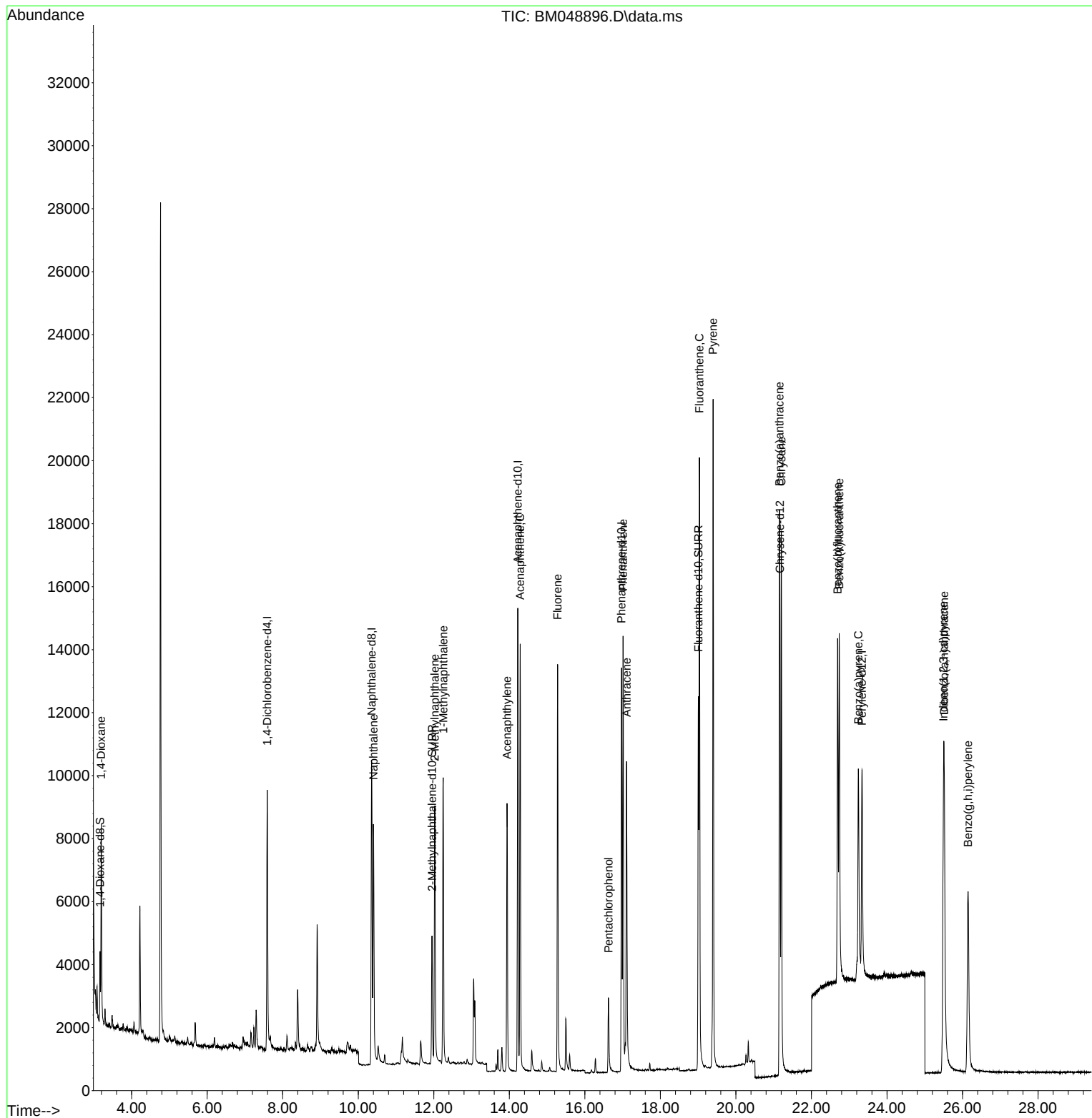
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	4949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	14384	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	8153	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	16007	0.400	ng/ul	0.00
17) Chrysene-d12	21.167	240	10137	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	9318	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1400	0.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	6180	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	13768	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	4246	0.568	ng/ul#	83
5) Naphthalene	10.402	128	11290	0.311	ng/ul	100
7) 2-Methylnaphthalene	12.024	142	6929	0.330	ng/ul	98
8) 1-Methylnaphthalene	12.249	142	7150	0.322	ng/ul	100
10) Acenaphthylene	13.941	152	10493	0.294	ng/ul	99
11) Acenaphthene	14.288	153	7938	0.308	ng/ul	97
12) Fluorene	15.278	166	9053	0.339	ng/ul	99
14) Pentachlorophenol	16.625	266	2007	1.450	ng/ul#	3
15) Phenanthrene	17.013	178	15070	0.371	ng/ul	99
16) Anthracene	17.106	178	12651	0.350	ng/ul	98
19) Fluoranthene	19.033	202	17764	0.381	ng/ul	99
20) Pyrene	19.396	202	18266	0.377	ng/ul	100
21) Benzo(a)anthracene	21.152	228	13402	0.468	ng/ul	98
22) Chrysene	21.202	228	16042	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.692	252	13751	0.525	ng/ul	95
25) Benzo(k)fluoranthene	22.736	252	15713	0.428	ng/ul	96
26) Benzo(a)pyrene	23.241	252	11353	0.423	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.497	276	15693	0.442	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.514	278	12025	0.454	ng/ul	93
29) Benzo(g,h,i)perylene	26.145	276	12815	0.417	ng/ul	95

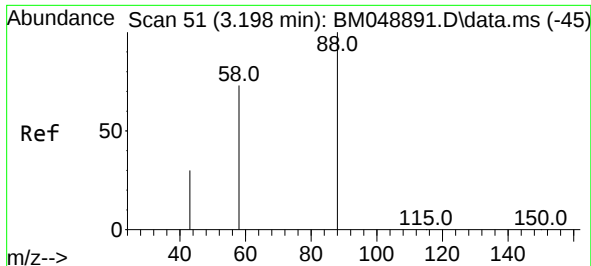
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 00:05:00 2024
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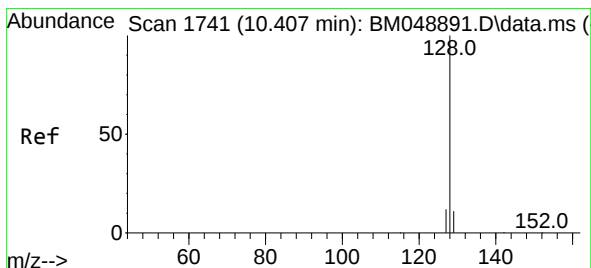
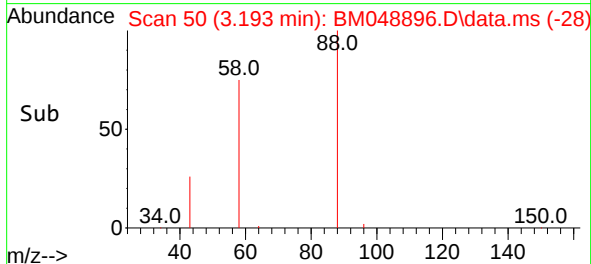
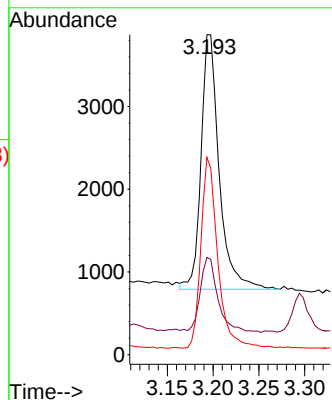
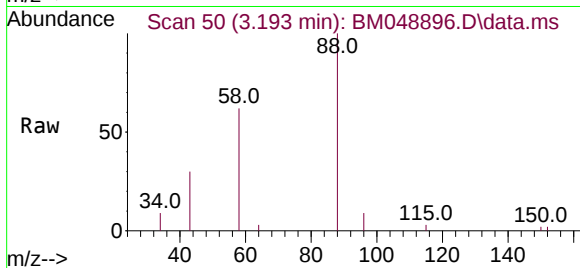




#2
1,4-Dioxane
Concen: 0.568 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

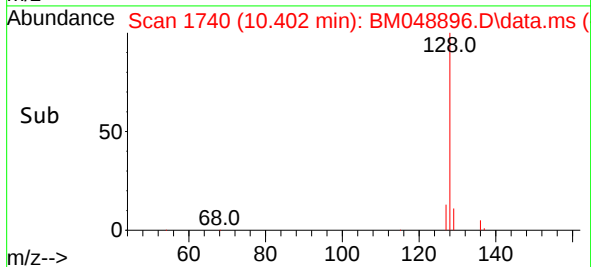
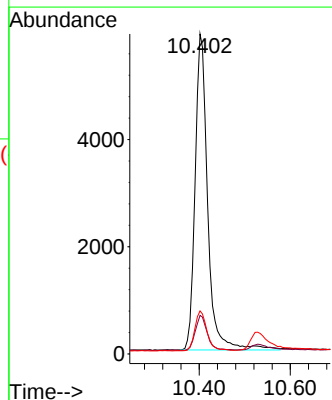
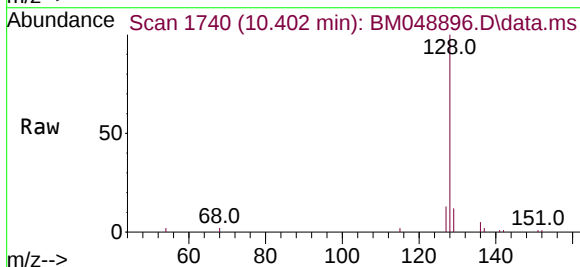
Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

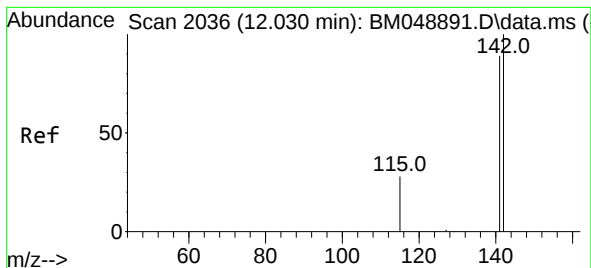
Tgt Ion: 88 Resp: 4246
Ion Ratio Lower Upper
88 100
43 30.4 20.6 30.8
58 61.6 37.6 56.4#



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.402 min Scan# 1740
Delta R.T. -0.011 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion: 128 Resp: 11290
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 13.4 10.7 16.1

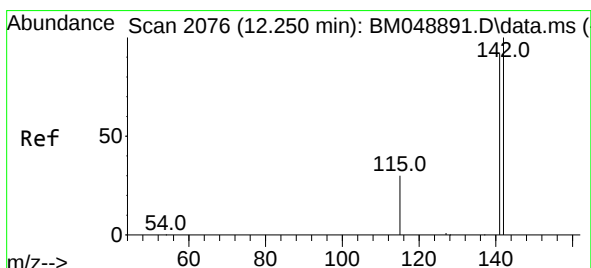
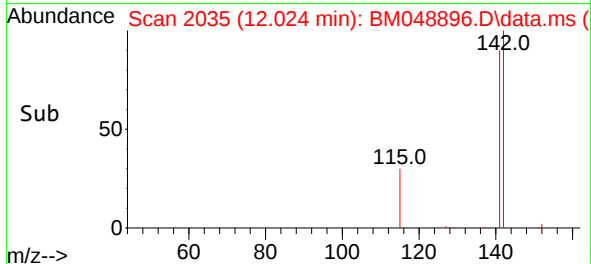
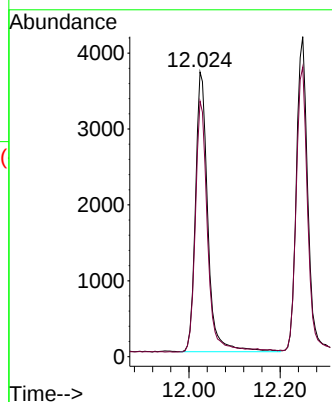
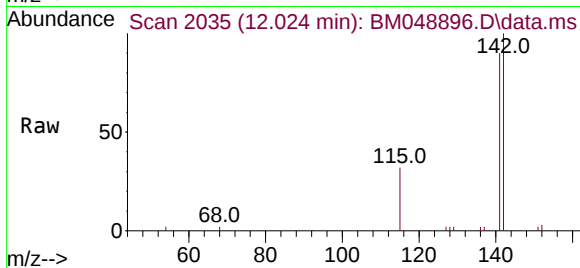




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.024 min Scan# 2035
Delta R.T. -0.011 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

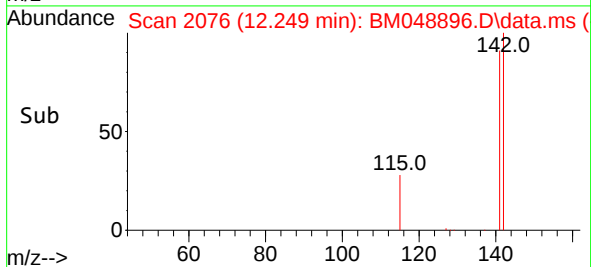
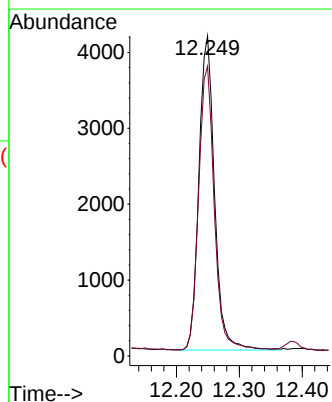
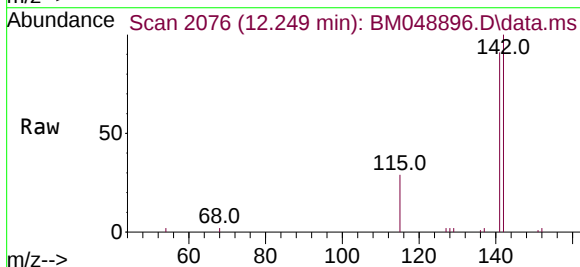
Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

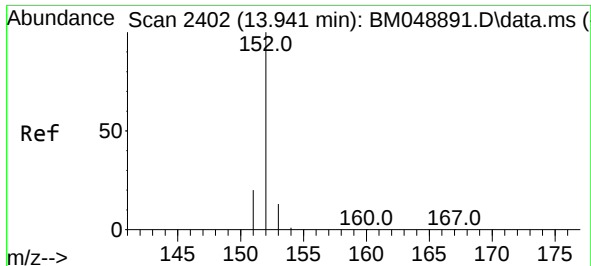
Tgt Ion:142 Resp: 6929
Ion Ratio Lower Upper
142 100
141 89.7 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.249 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:142 Resp: 7150
Ion Ratio Lower Upper
142 100
141 90.6 72.5 108.7

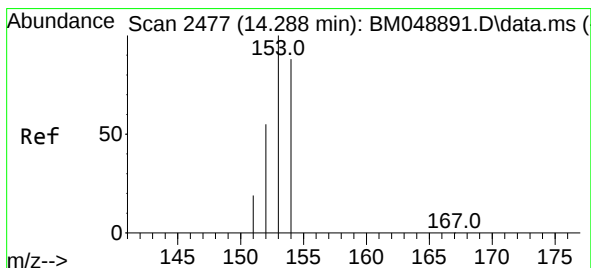
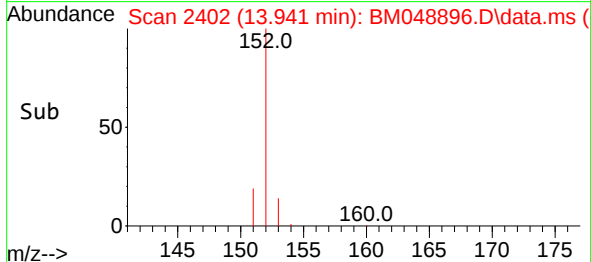
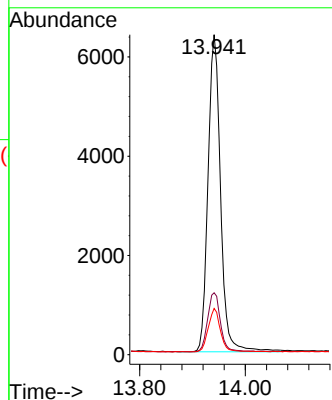
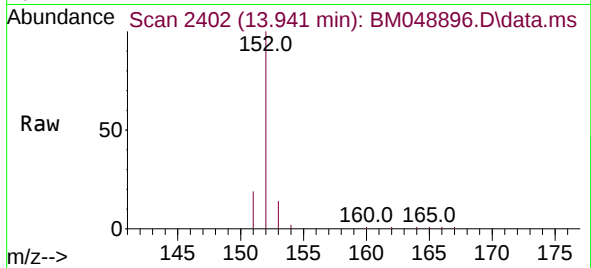




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 13.941 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

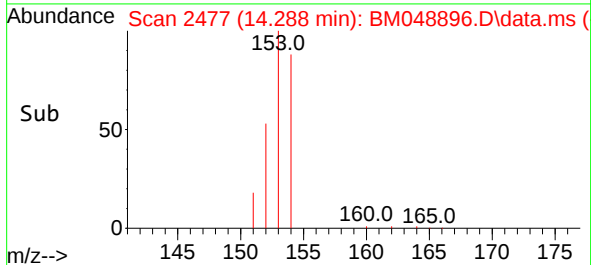
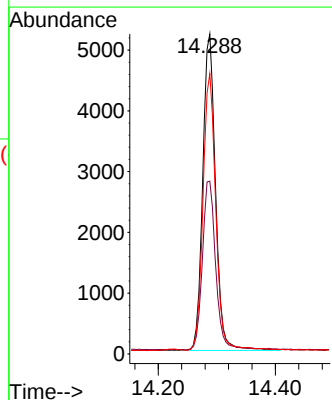
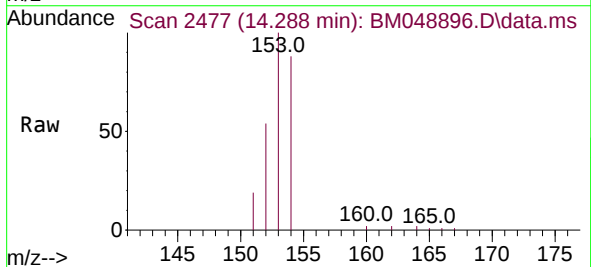
Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

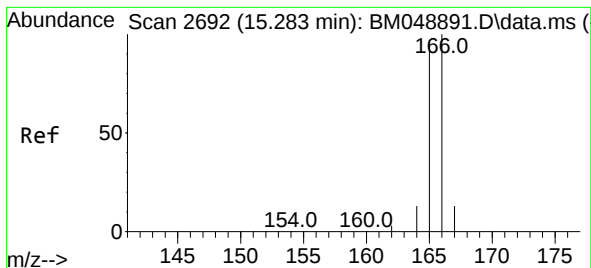
Tgt Ion:	152	Resp:	10493
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	14.5	11.7	17.5



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:	153	Resp:	7938
Ion	Ratio	Lower	Upper
153	100		
152	54.0	46.5	69.7
154	87.6	68.7	103.1





#12

Fluorene

Concen: 0.339 ng/ul

RT: 15.278 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM048896.D

Acq: 07 Dec 2024 14:35

Instrument :

BNA_M

ClientSampleId :

E1PK0MSD

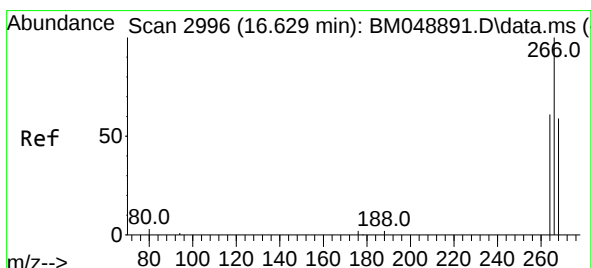
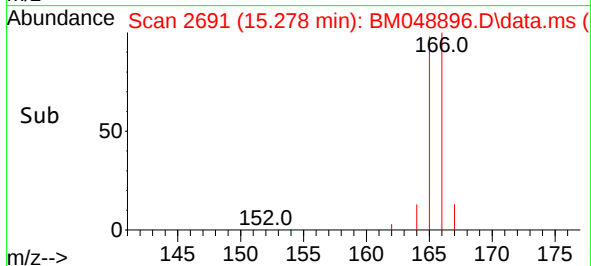
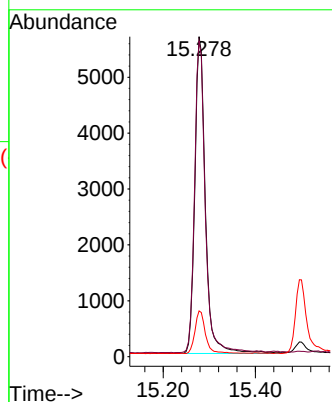
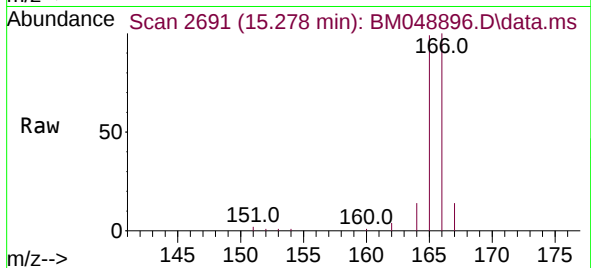
Tgt Ion:166 Resp: 9053

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.6

167 14.3 12.2 18.2



#14

Pentachlorophenol

Concen: 1.450 ng/ul

RT: 16.625 min Scan# 2995

Delta R.T. -0.009 min

Lab File: BM048896.D

Acq: 07 Dec 2024 14:35

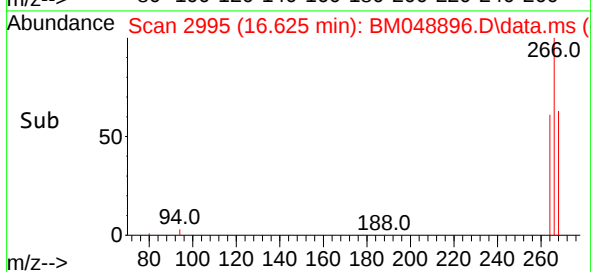
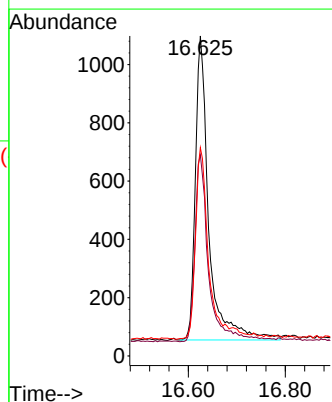
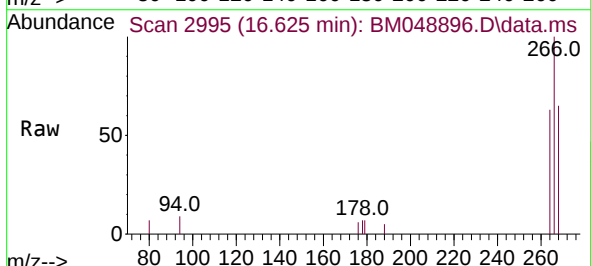
Tgt Ion:266 Resp: 2007

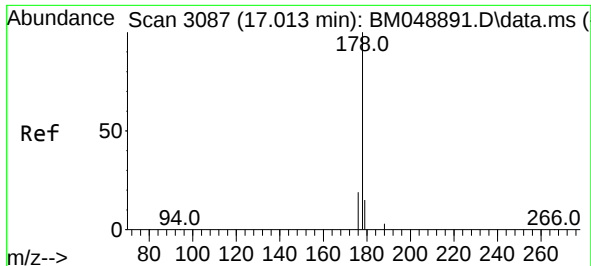
Ion Ratio Lower Upper

266 100

264 63.0 15.3 22.9#

268 64.6 0.0 0.0#

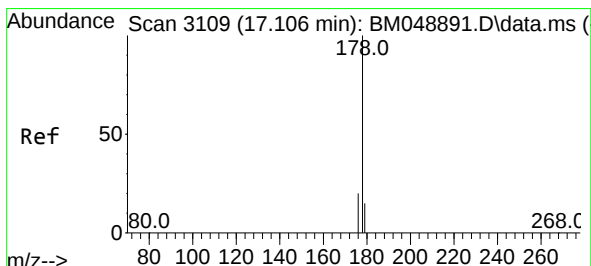
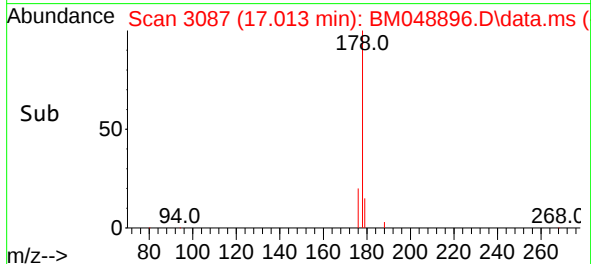
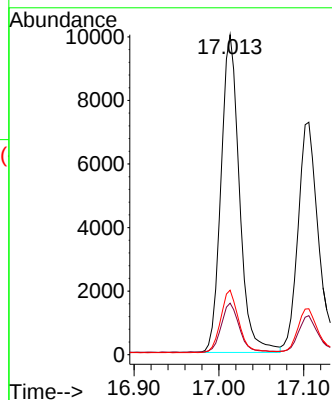
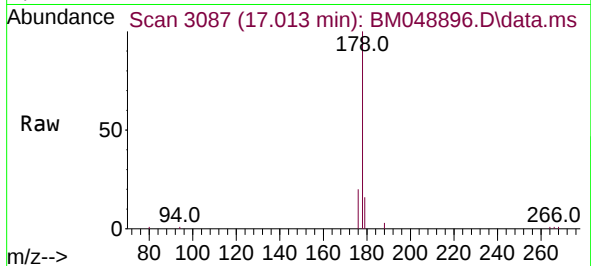




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

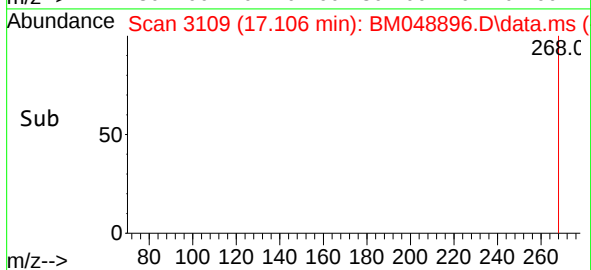
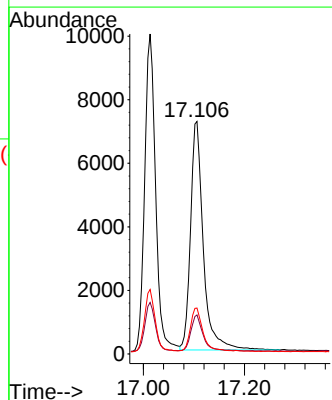
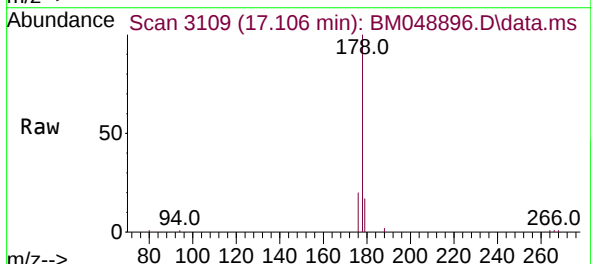
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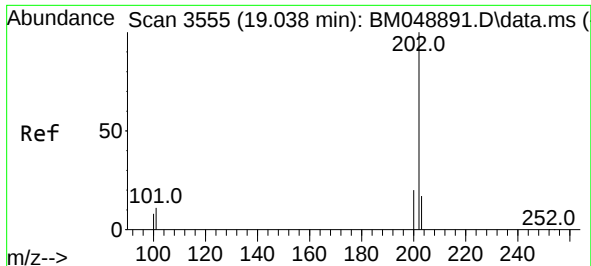
Tgt Ion:178 Resp: 15070
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:178 Resp: 12651
Ion Ratio Lower Upper
178 100
179 16.8 14.0 21.0
176 19.8 17.0 25.4

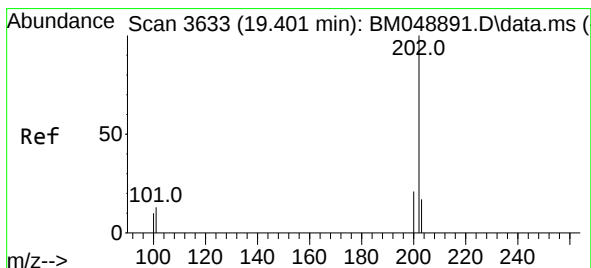
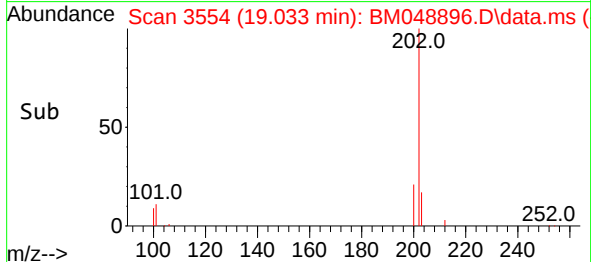
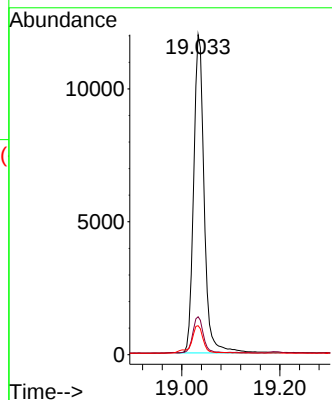
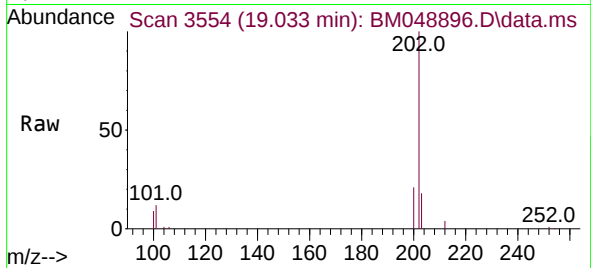




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.033 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

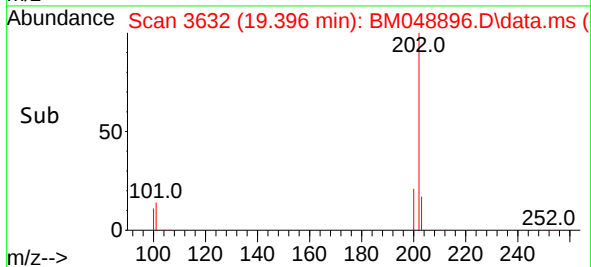
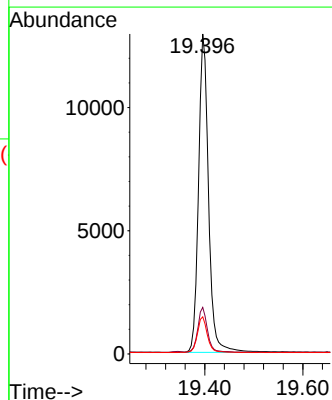
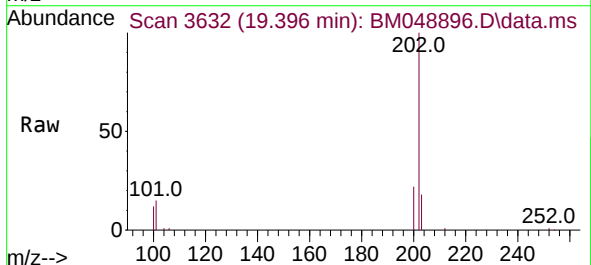
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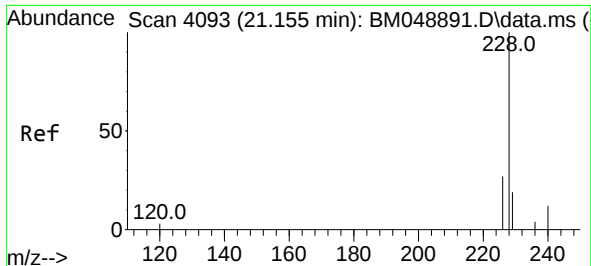
Tgt Ion:202 Resp: 17764
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.0 7.5 11.3



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.396 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:202 Resp: 18266
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 11.6 9.4 14.0

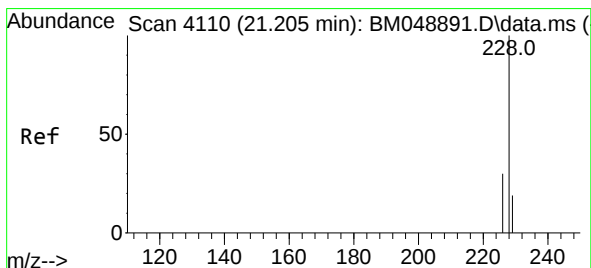
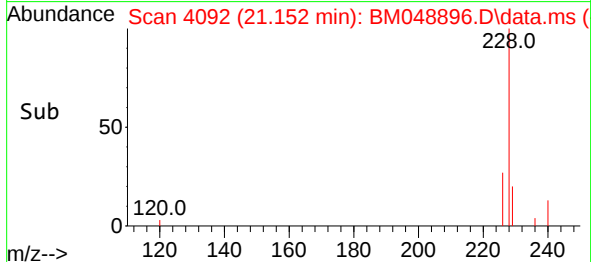
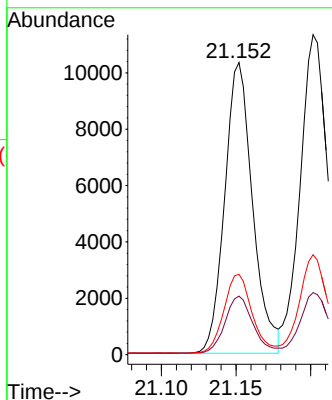
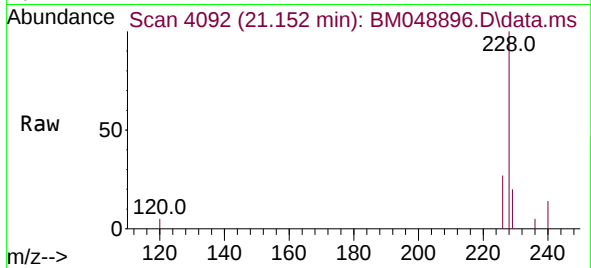




#21
Benzo(a)anthracene
Concen: 0.468 ng/ul
RT: 21.152 min Scan# 4109
Delta R.T. -0.006 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

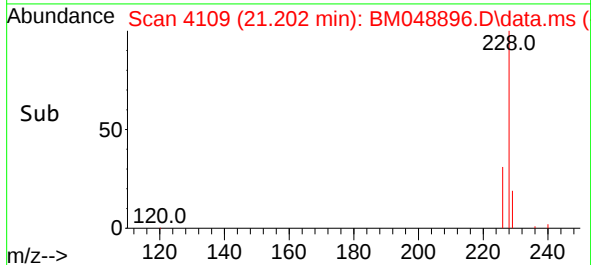
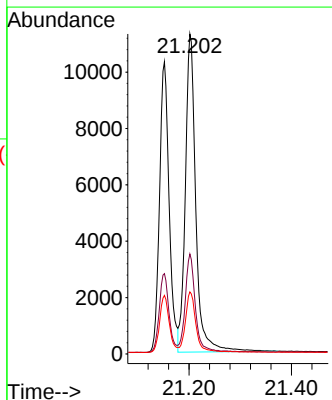
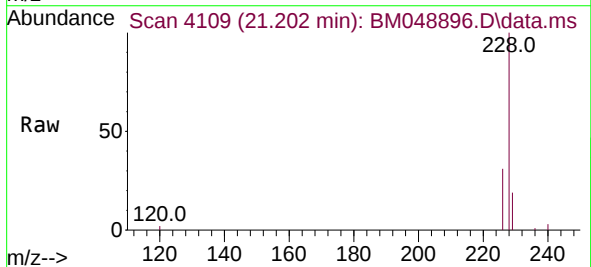
Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

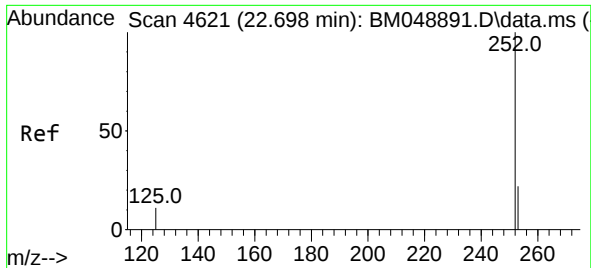
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Ion Ratio Lower Upper
228 100
229 20.0 17.0 25.6
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.202 min Scan# 4109
Delta R.T. -0.009 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

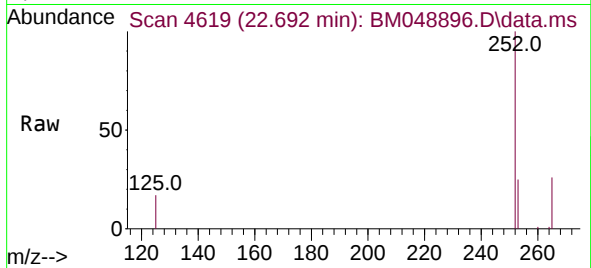
Tgt Ion:228 Resp: 16042
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.4 16.1 24.1



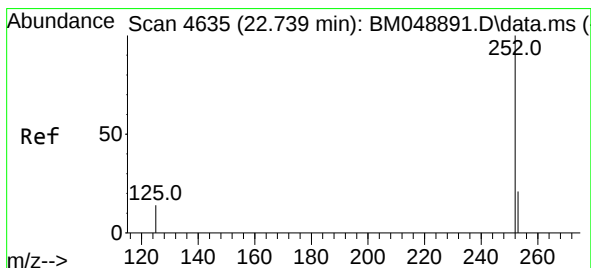
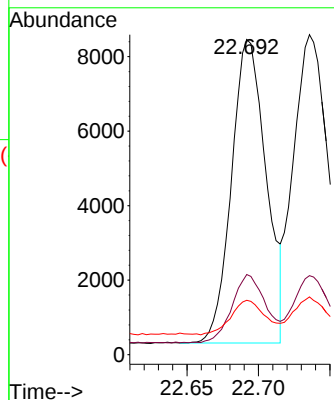


#24
Benzo(b)fluoranthene
Concen: 0.525 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Instrument :
BNA_M
ClientSampleId :
E1PKOMSD

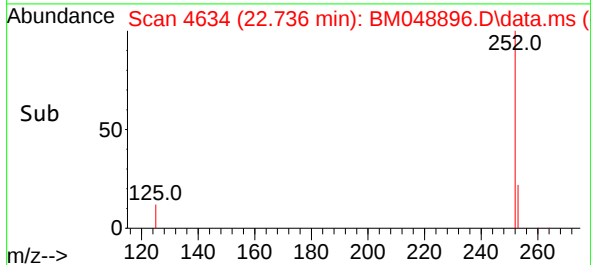
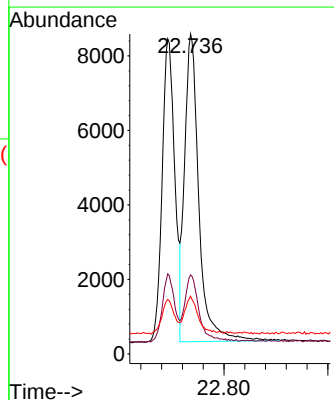
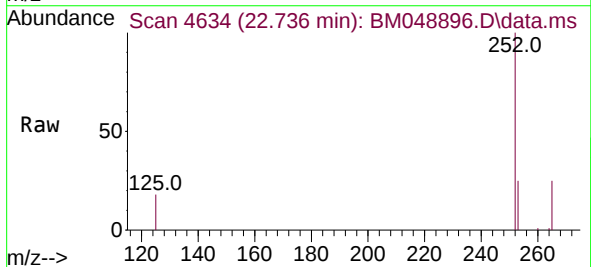


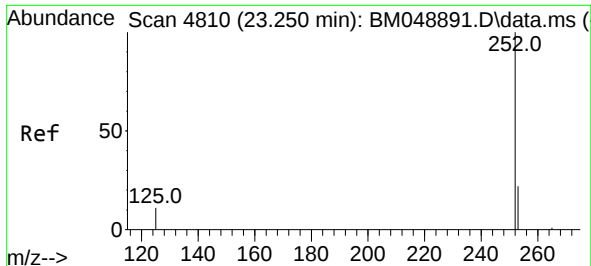
Tgt Ion:252 Resp: 13751
Ion Ratio Lower Upper
252 100
253 25.4 0.0 54.2
125 17.3 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.009 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:252 Resp: 15713
Ion Ratio Lower Upper
252 100
253 24.7 20.8 31.2
125 18.0 16.2 24.4

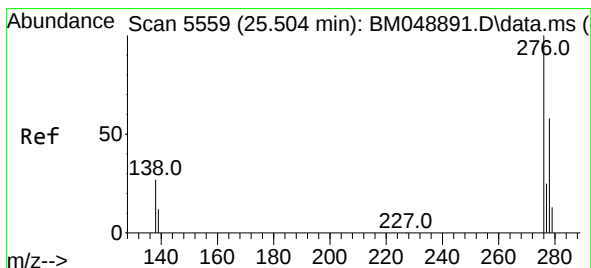
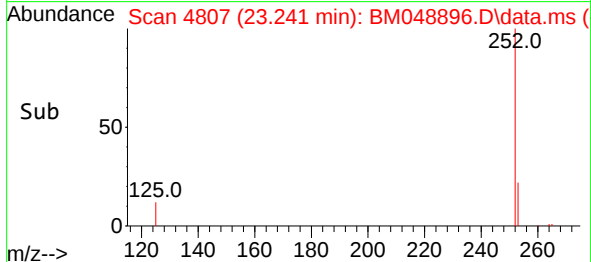
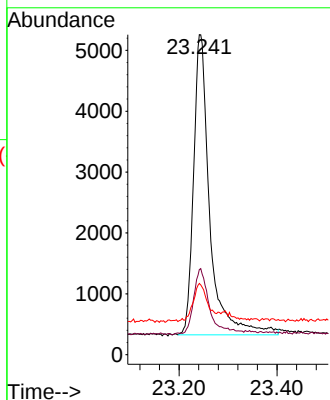
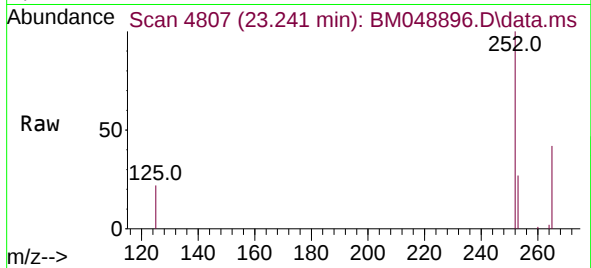




#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 23.241 min Scan# 4807
Delta R.T. -0.012 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

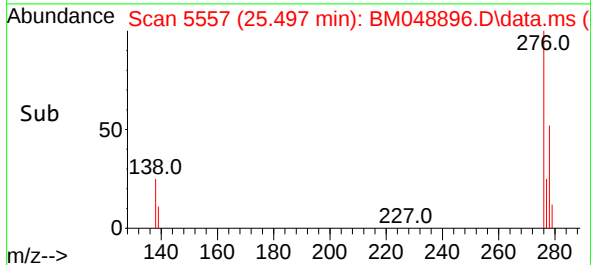
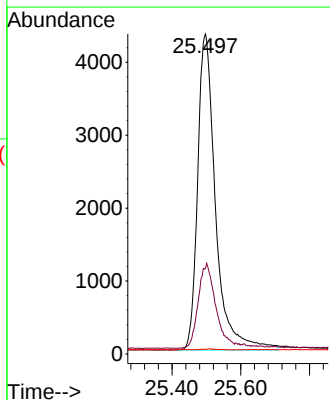
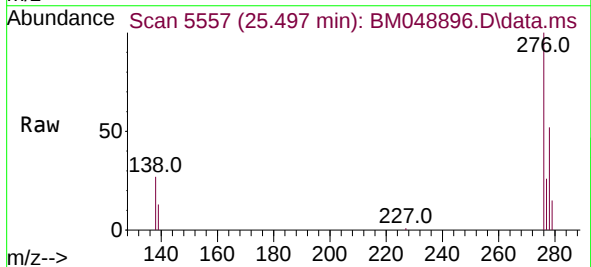
Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

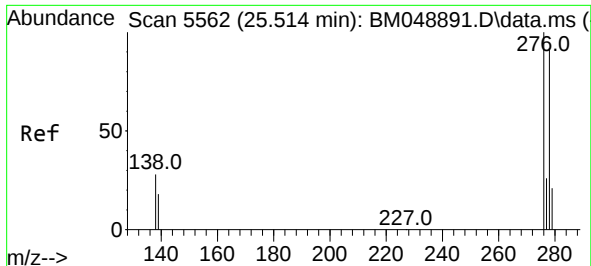
Tgt Ion:252 Resp: 11353
Ion Ratio Lower Upper
252 100
253 26.6 22.5 33.7
125 22.3 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.442 ng/ul
RT: 25.497 min Scan# 5557
Delta R.T. -0.010 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:276 Resp: 15693
Ion Ratio Lower Upper
276 100
138 28.0 23.3 34.9
227 0.0 0.1 0.1#

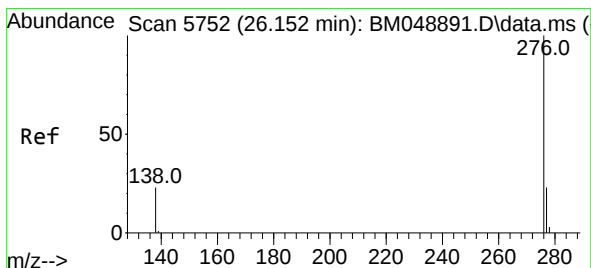
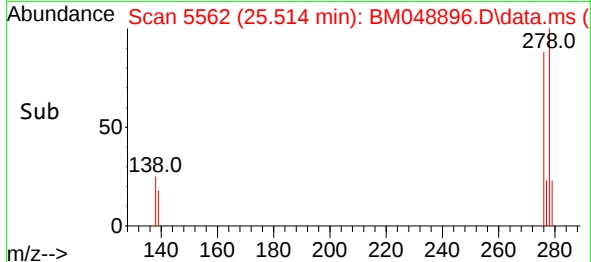
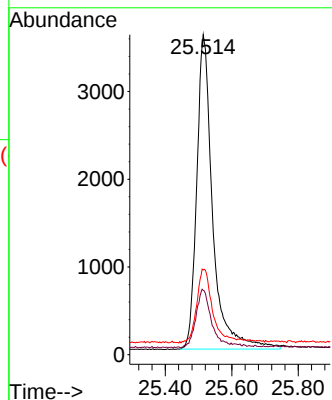
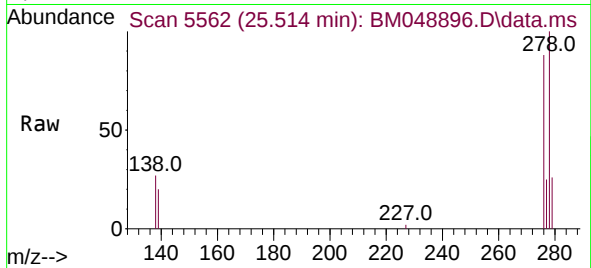




#28
Dibenzo(a,h)anthracene
Concen: 0.454 ng/ul
RT: 25.514 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

Tgt Ion:278 Resp: 12025
Ion Ratio Lower Upper
278 100
139 20.1 18.6 27.8
279 26.5 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.145 min Scan# 5750
Delta R.T. -0.017 min
Lab File: BM048896.D
Acq: 07 Dec 2024 14:35

Tgt Ion:276 Resp: 12815
Ion Ratio Lower Upper
276 100
138 24.9 22.2 33.2
277 24.9 21.8 32.6

