

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048922.D
 Acq On : 10 Dec 2024 14:21
 Operator : RC/JU
 Sample : P5109-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHJA2MS

Quant Time: Dec 10 15:22:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

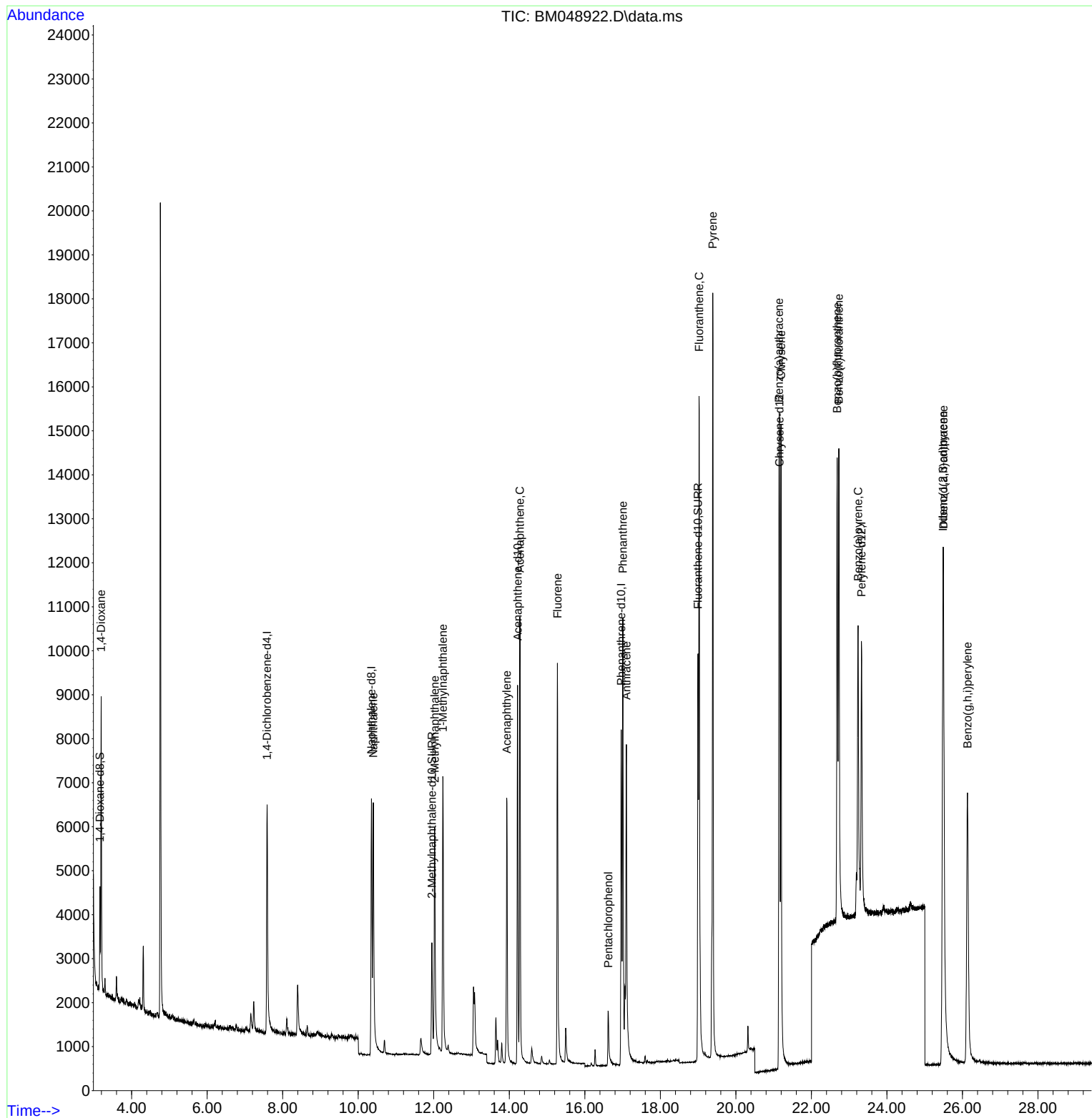
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	9508	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	5089	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	10414	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	8549	0.400	ng/ul	0.00
23) Perylene-d12	23.326	264	8774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1308	0.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	4663	0.385	ng/ul	0.00
18) Fluoranthene-d10	18.998	212	11121	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	4280	0.872	ng/ul#	87
5) Naphthalene	10.398	128	9080	0.373	ng/ul	100
7) 2-Methylnaphthalene	12.025	142	5327	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.240	142	5520	0.364	ng/ul	100
10) Acenaphthylene	13.933	152	7956	0.370	ng/ul	99
11) Acenaphthene	14.280	153	6250	0.384	ng/ul	99
12) Fluorene	15.275	166	7072	0.391	ng/ul	97
14) Pentachlorophenol	16.622	266	1270	0.592	ng/ul	96
15) Phenanthrene	17.006	178	11707	0.410	ng/ul	100
16) Anthracene	17.099	178	10170	0.400	ng/ul	98
19) Fluoranthene	19.025	202	14430	0.407	ng/ul	98
20) Pyrene	19.388	202	15542	0.407	ng/ul	97
21) Benzo(a)anthracene	21.143	228	12158	0.404	ng/ul	98
22) Chrysene	21.195	228	15127	0.444	ng/ul	99
24) Benzo(b)fluoranthene	22.683	252	13727	0.453	ng/ul	99
25) Benzo(k)fluoranthene	22.727	252	15616	0.445	ng/ul	96
26) Benzo(a)pyrene	23.235	252	11726	0.418	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.484	276	17078	0.434	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.497	278	13185	0.430	ng/ul	98
29) Benzo(g,h,i)perylene	26.134	276	14021	0.443	ng/ul	98

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

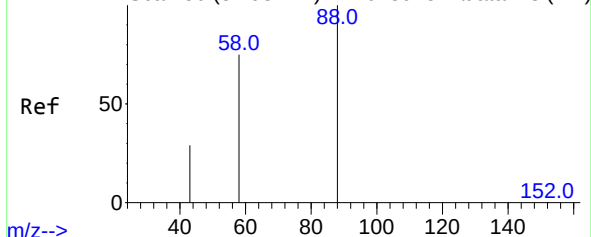
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048922.D
Acq On : 10 Dec 2024 14:21
Operator : RC/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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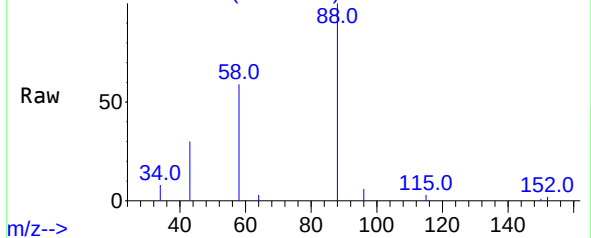
Quant Time: Dec 10 15:22:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



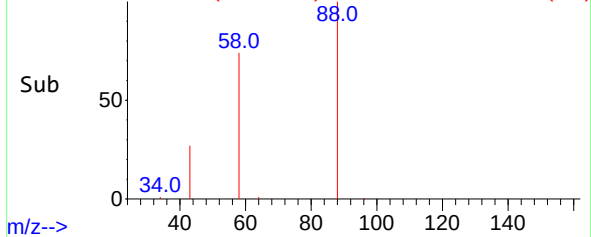
Abundance Scan 50 (3.193 min): BM048915.D\data.ms (-44)



m/z--> Scan 50 (3.193 min): BM048922.D\data.ms



m/z--> Scan 50 (3.193 min): BM048922.D\data.ms (-26)



m/z-->

#2

1,4-Dioxane

Concen: 0.872 ng/ul

RT: 3.193 min Scan# 50

Delta R.T. 0.000 min

Lab File: BM048922.D

Acq: 10 Dec 2024 14:21

Instrument :

BNA_M

ClientSampleId :

BHJA2MS

Tgt Ion: 88 Resp: 4280

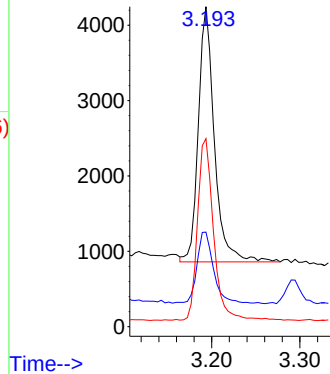
Ion Ratio Lower Upper

88 100

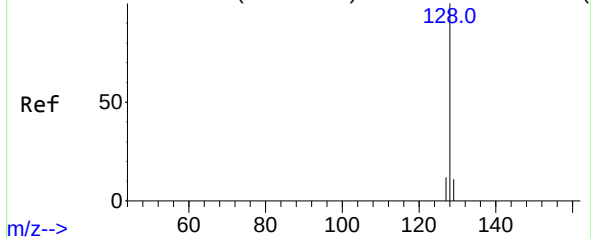
43 29.5 32.3 48.5#

58 58.8 42.0 63.0

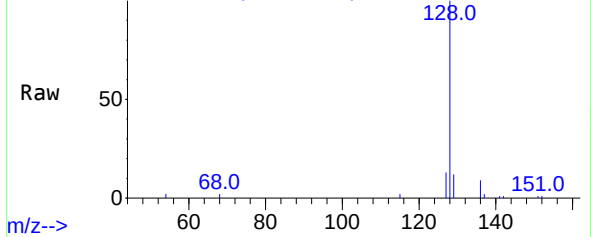
Abundance



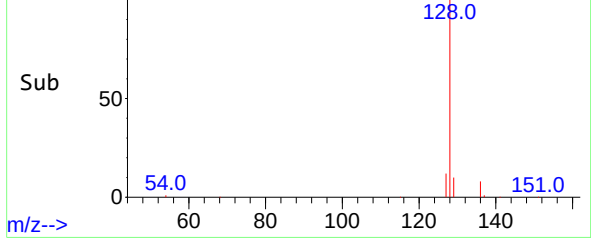
Abundance Scan 1740 (10.402 min): BM048915.D\data.ms (-)



m/z--> Scan 1739 (10.398 min): BM048922.D\data.ms



m/z--> Scan 1739 (10.398 min): BM048922.D\data.ms (-)



m/z-->

#5

Napthalene

Concen: 0.373 ng/ul

RT: 10.398 min Scan# 1739

Delta R.T. -0.004 min

Lab File: BM048922.D

Acq: 10 Dec 2024 14:21

Tgt Ion:128 Resp: 9080

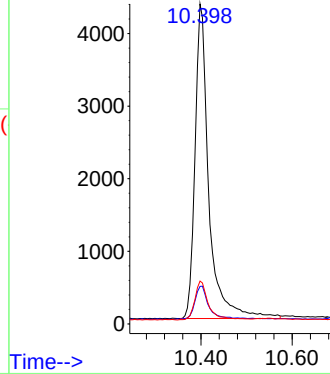
Ion Ratio Lower Upper

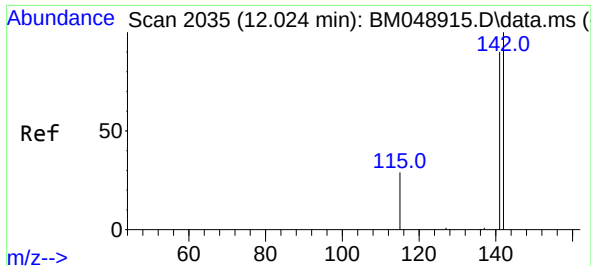
128 100

129 11.8 9.4 14.2

127 13.4 10.6 16.0

Abundance

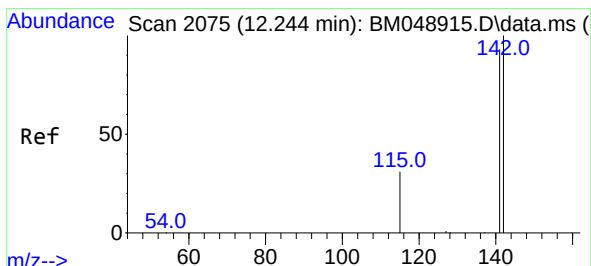
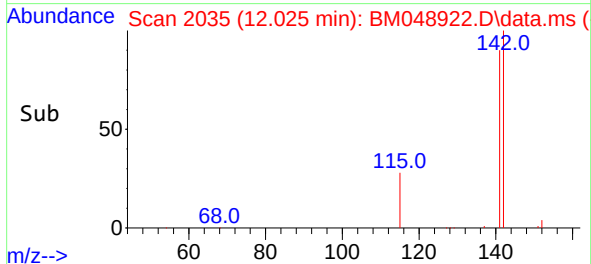
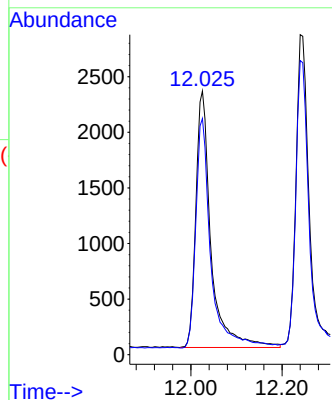
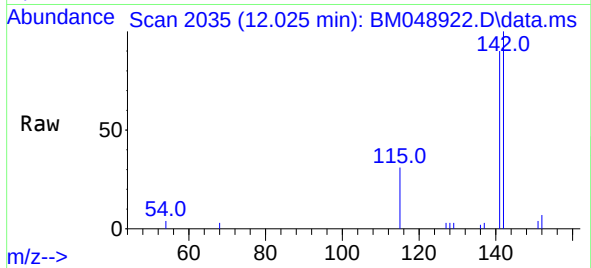




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. 0.001 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

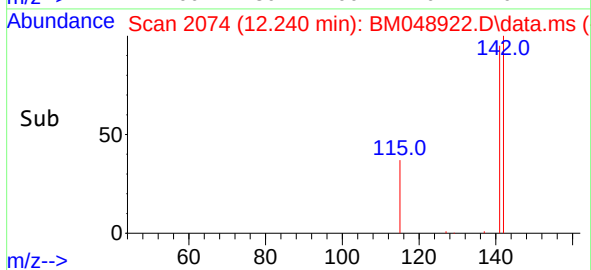
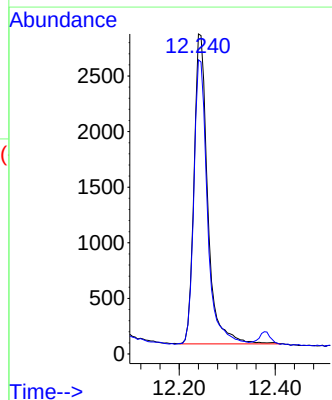
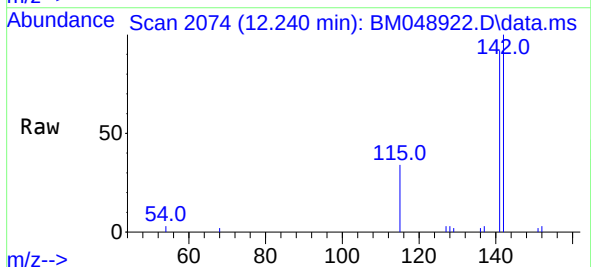
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

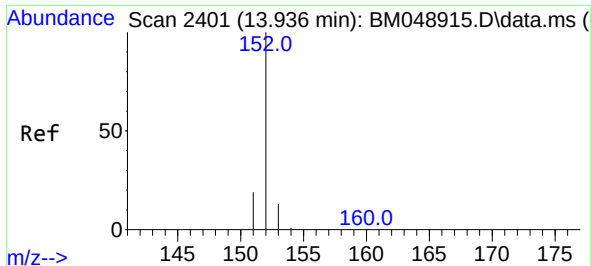
Tgt Ion:142 Resp: 5327
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.240 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:142 Resp: 5520
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2

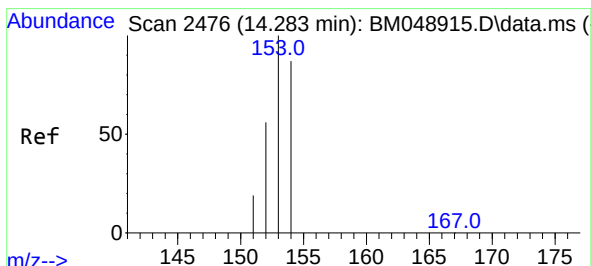
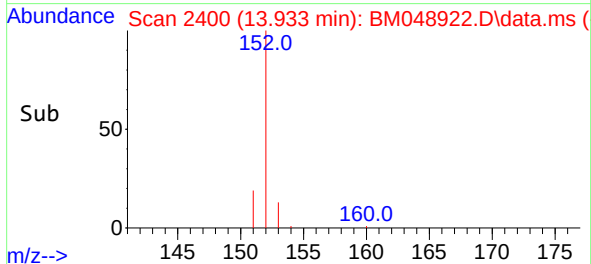
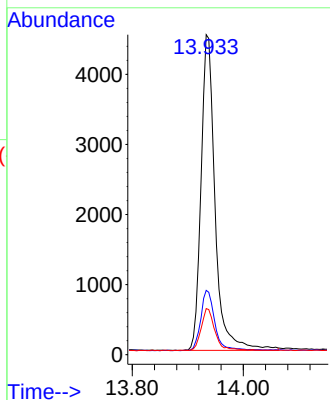
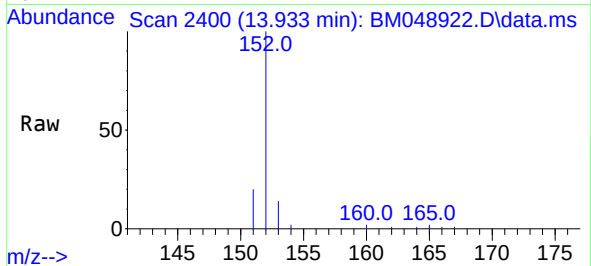




#10
Acenaphthylene
Concen: 0.370 ng/u1
RT: 13.933 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

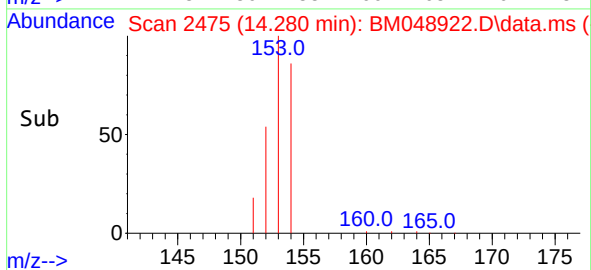
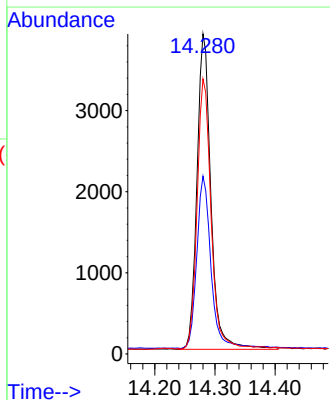
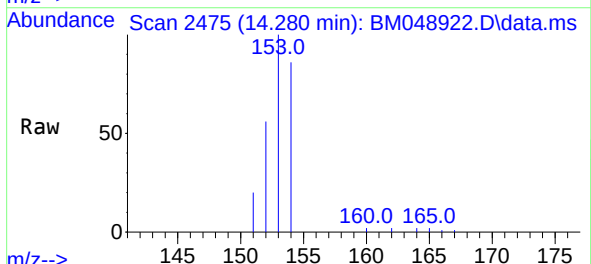
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

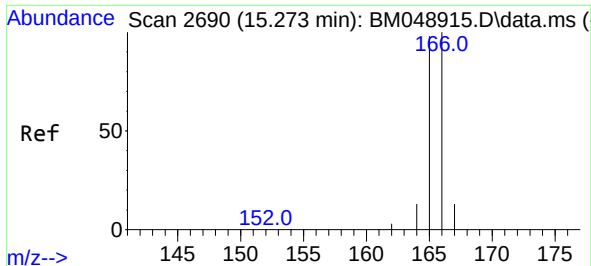
Tgt Ion:	152	Resp:	7956
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.4	11.2	16.8



#11
Acenaphthene
Concen: 0.384 ng/u1
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:	153	Resp:	6250
Ion	Ratio	Lower	Upper
153	100		
152	55.5	43.5	65.3
154	86.0	69.5	104.3

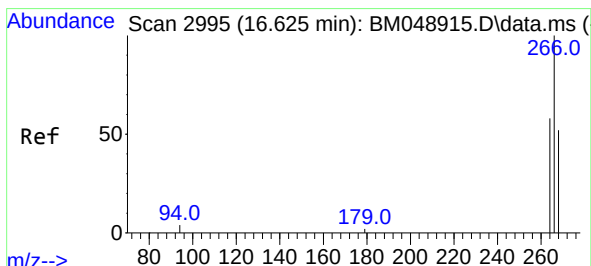
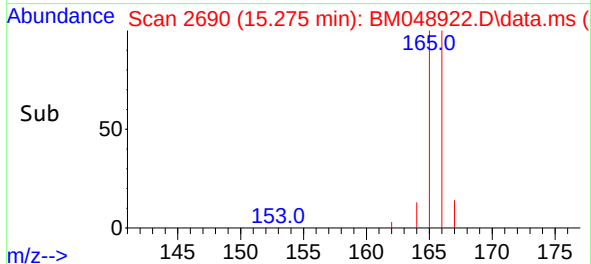
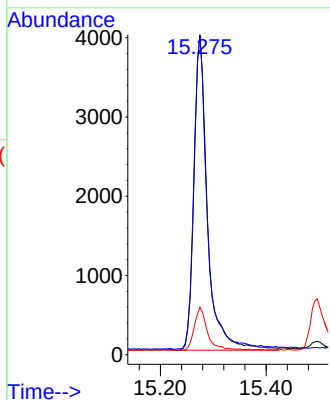
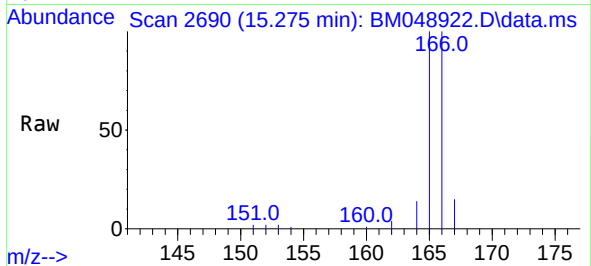




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.275 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

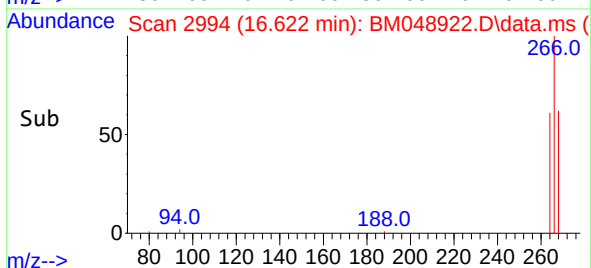
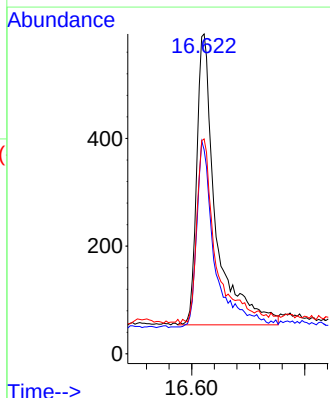
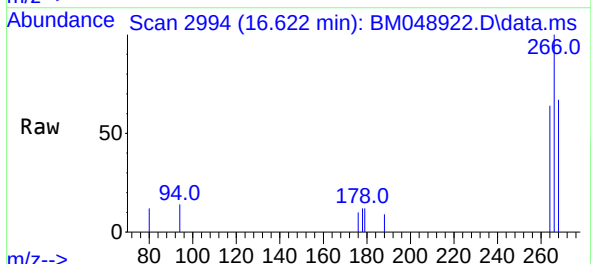
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

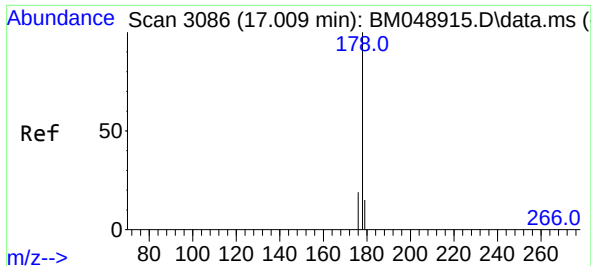
Tgt Ion:166 Resp: 7072
Ion Ratio Lower Upper
166 100
165 100.4 78.1 117.1
167 14.9 11.6 17.4



#14
Pentachlorophenol
Concen: 0.592 ng/ul
RT: 16.622 min Scan# 2994
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:266 Resp: 1270
Ion Ratio Lower Upper
266 100
264 60.0 47.9 71.9
268 63.3 55.0 82.6

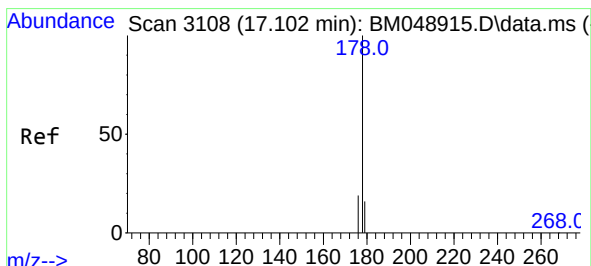
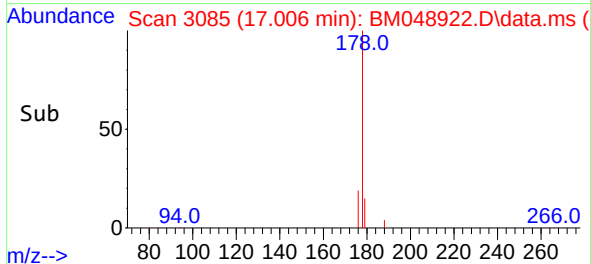
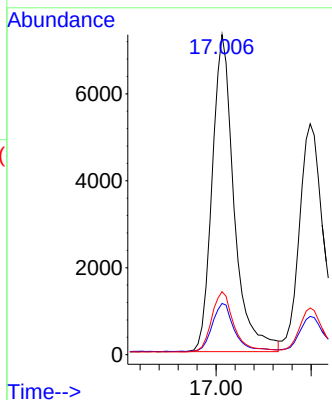
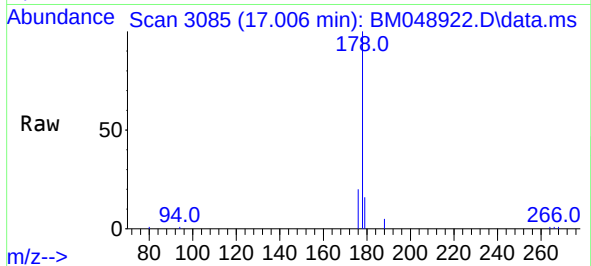




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

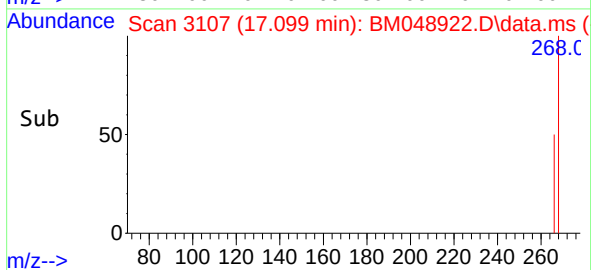
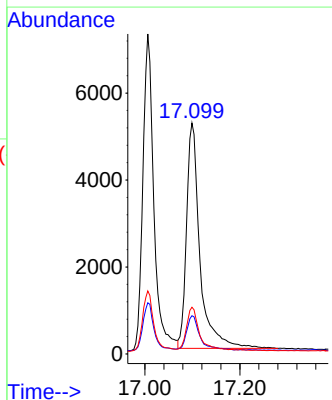
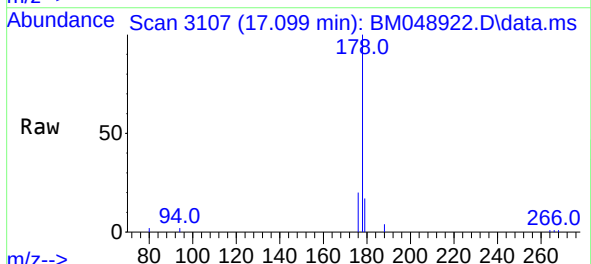
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

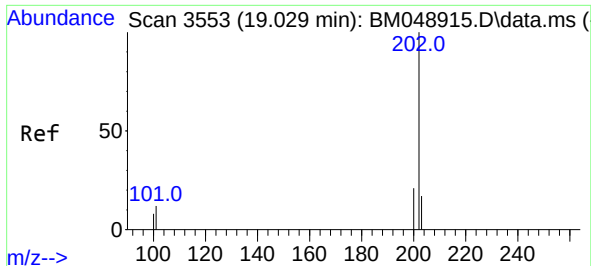
Tgt Ion:	178	Resp:	11707
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.7	15.8	23.8



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:	178	Resp:	10170
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	20.2	15.0	22.6

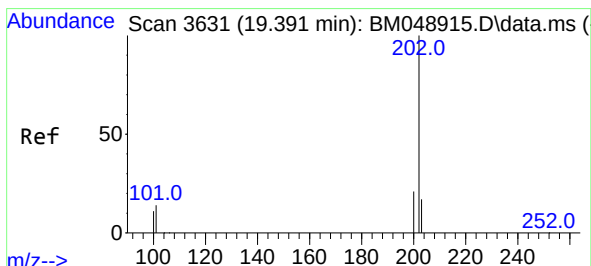
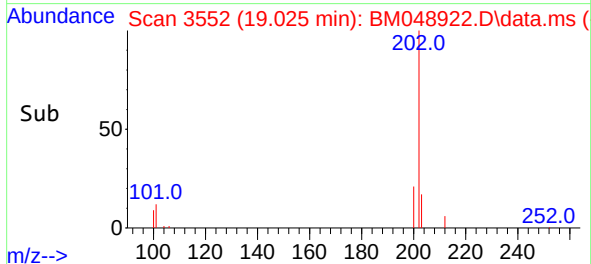
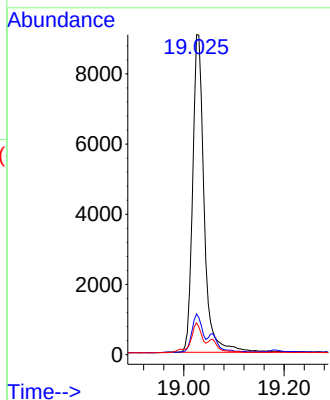
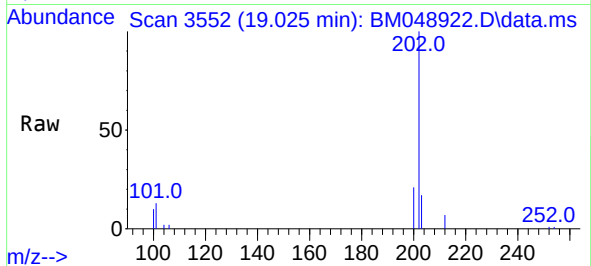




#19
Fluoranthene
Concen: 0.407 ng/u1
RT: 19.025 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

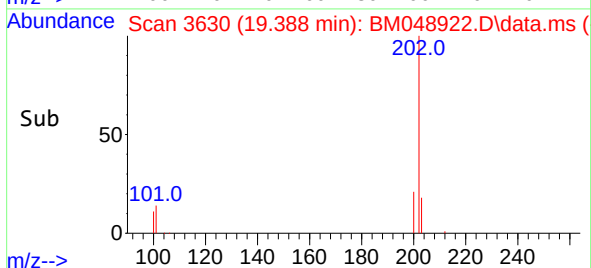
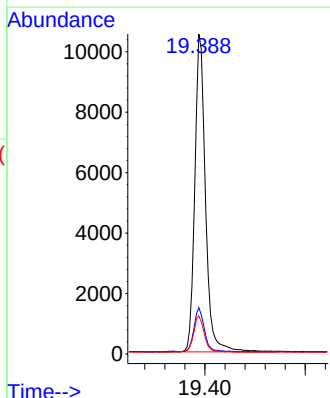
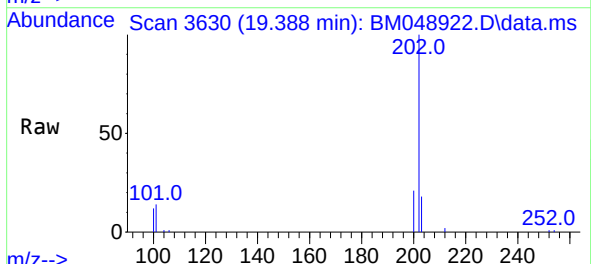
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

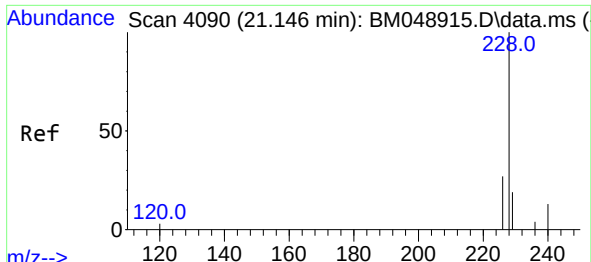
Tgt Ion:202 Resp: 14430
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.407 ng/u1
RT: 19.388 min Scan# 3630
Delta R.T. -0.008 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:202 Resp: 15542
Ion Ratio Lower Upper
202 100
101 14.5 10.6 16.0
100 11.9 8.4 12.6



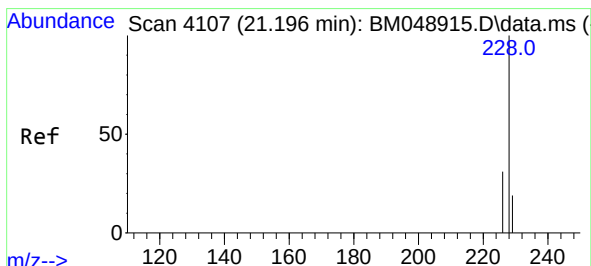
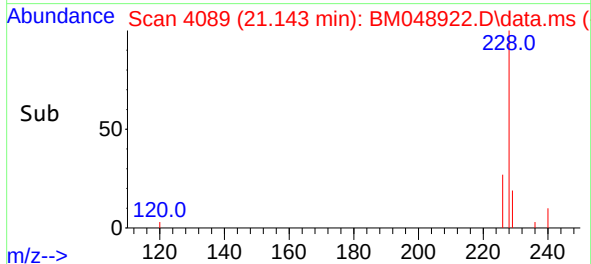
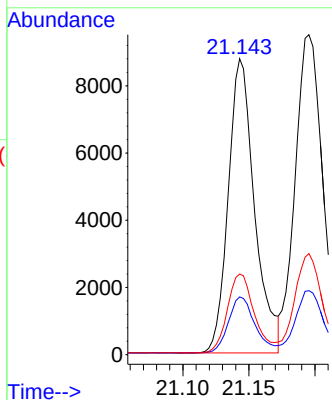
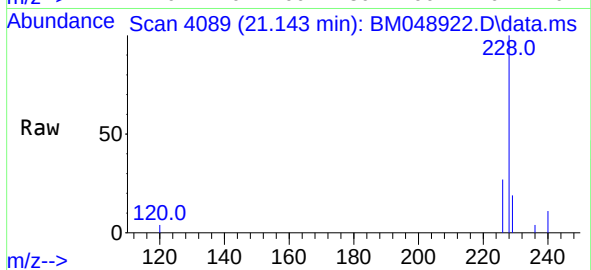


#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.143 min Scan# 4090
Delta R.T. -0.006 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Instrument :
BNA_M
ClientSampleId :
BHJA2MS

Tgt Ion:228 Resp: 12158

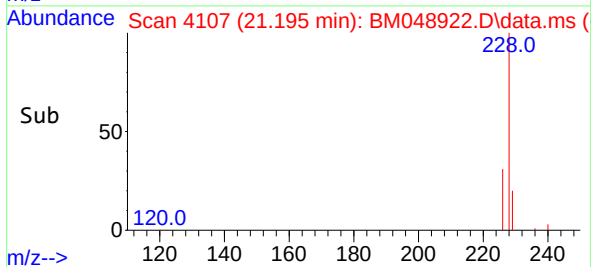
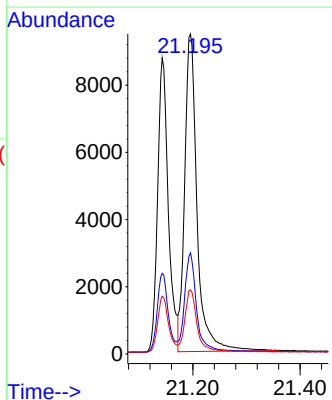
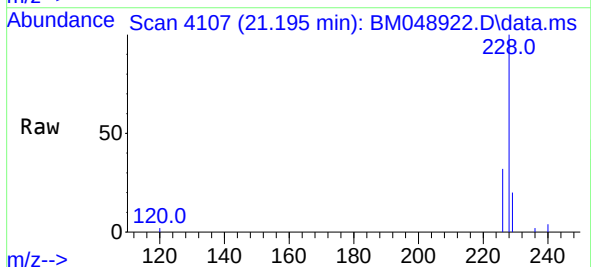
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	27.3	23.0	34.4

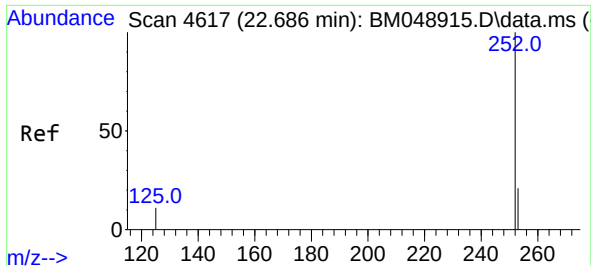


#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.195 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:228 Resp: 15127

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	20.0	16.0	24.0

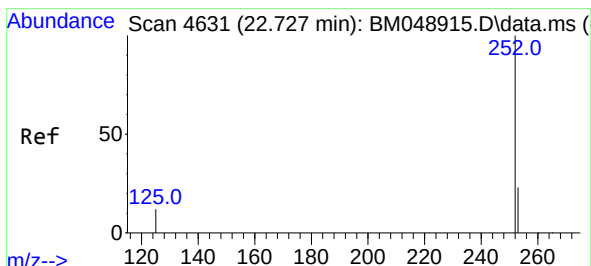
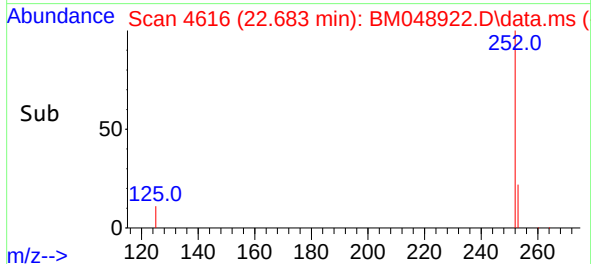
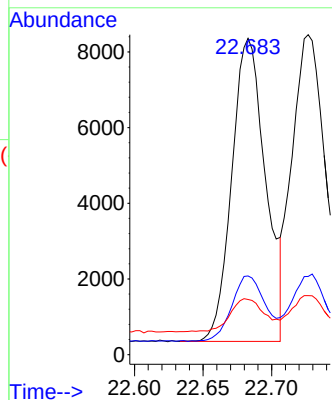
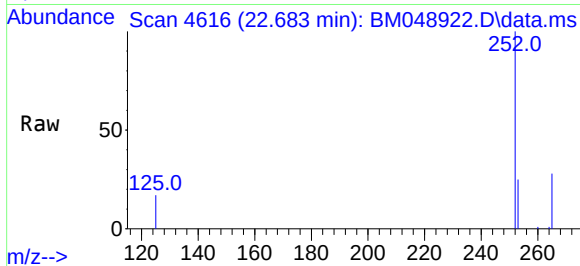




#24
Benzo(b)fluoranthene
Concen: 0.453 ng/ul
RT: 22.683 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

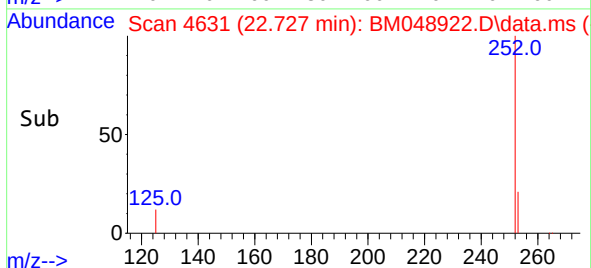
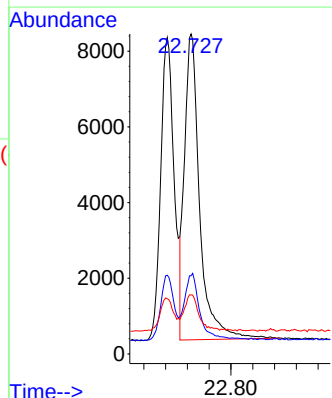
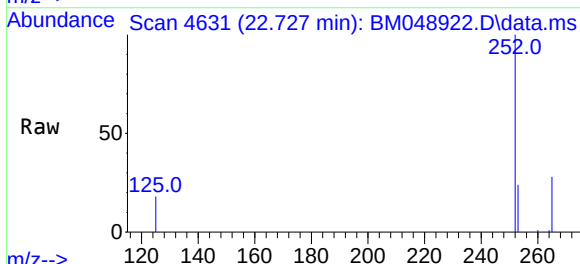
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

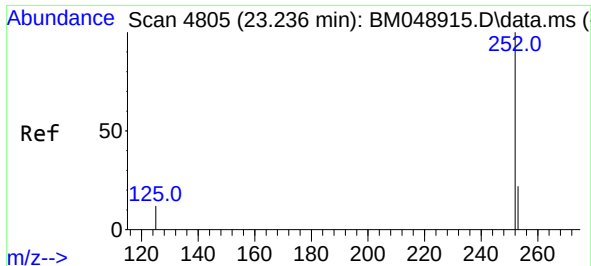
Tgt Ion:252	Resp:	13727
Ion	Ratio	Lower Upper
252	100	
253	24.9	0.0 51.0
125	17.5	0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 22.727 min Scan# 4631
Delta R.T. -0.006 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:252	Resp:	15616
Ion	Ratio	Lower Upper
252	100	
253	24.5	20.5 30.7
125	18.4	17.3 25.9

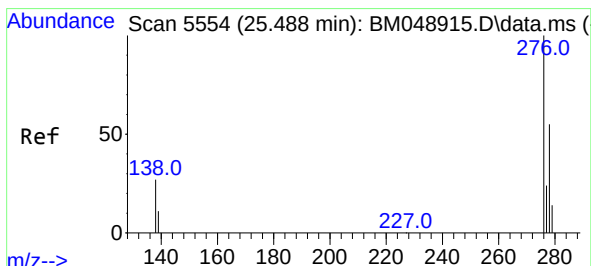
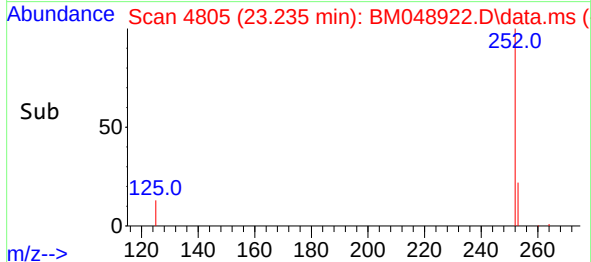
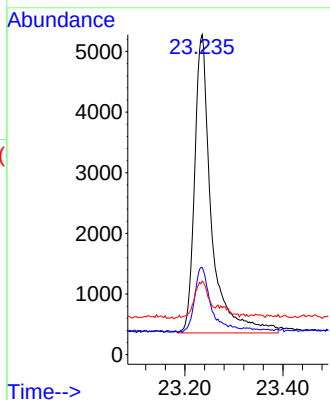
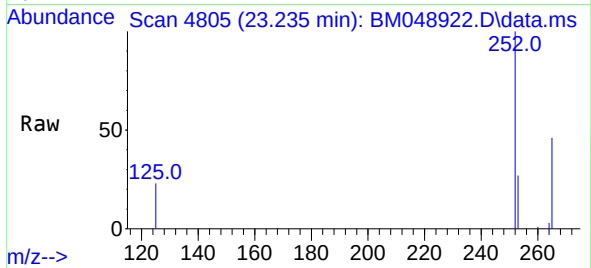




#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.235 min Scan# 4805
Delta R.T. -0.006 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

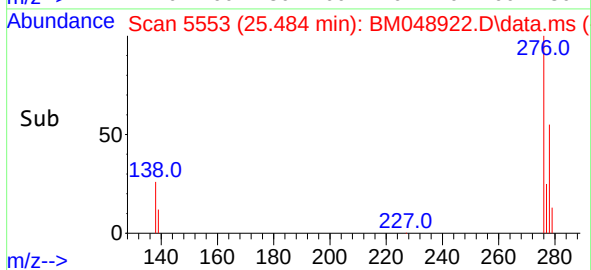
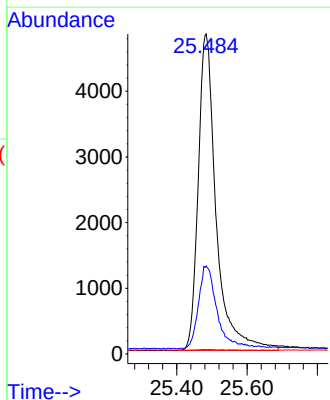
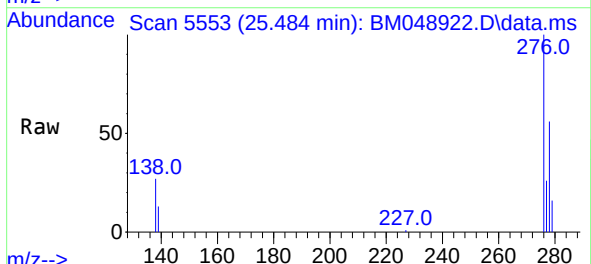
Instrument :
BNA_M
ClientSampleId :
BHJA2MS

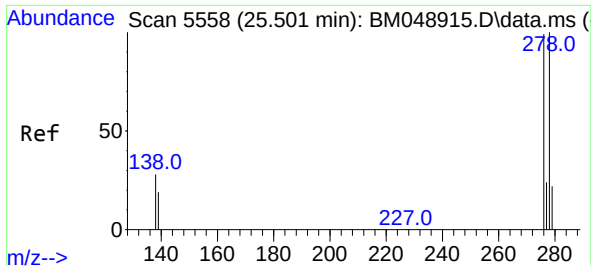
Tgt Ion:	252	Resp:	11726
Ion Ratio	Lower	Upper	
252	100		
253	27.2	21.8	32.8
125	23.0	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.484 min Scan# 5553
Delta R.T. -0.007 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:	276	Resp:	17078
Ion Ratio	Lower	Upper	
276	100		
138	27.2	22.1	33.1
227	0.1	0.2	0.2

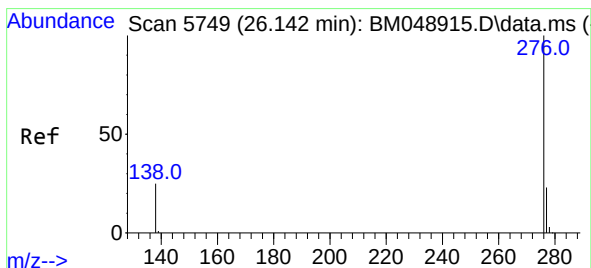
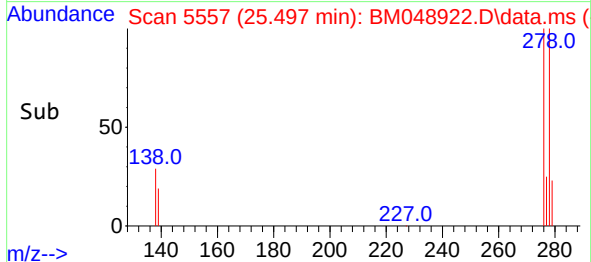
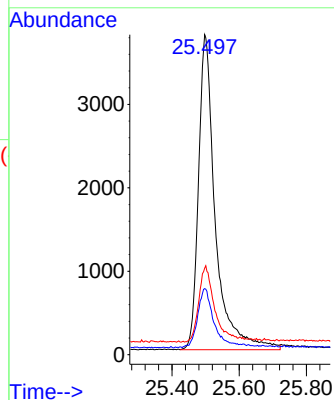
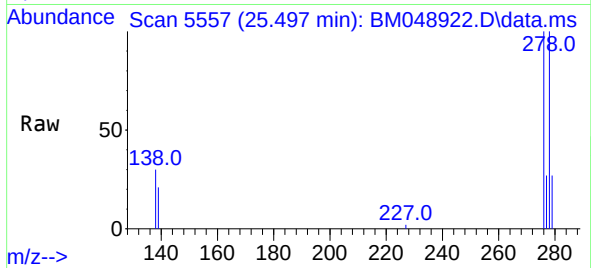




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 25.497 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Instrument :
BNA_M
ClientSampleId :
BHJA2MS

Tgt Ion:278 Resp: 13185
Ion Ratio Lower Upper
278 100
139 20.7 17.4 26.0
279 27.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.134 min Scan# 5747
Delta R.T. -0.010 min
Lab File: BM048922.D
Acq: 10 Dec 2024 14:21

Tgt Ion:276 Resp: 14021
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.6
277 25.4 19.6 29.4

