

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048920.D
 Acq On : 10 Dec 2024 13:09
 Operator : RC/JU
 Sample : P5107-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHJ99MSD

Quant Time: Dec 10 13:43:46 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)

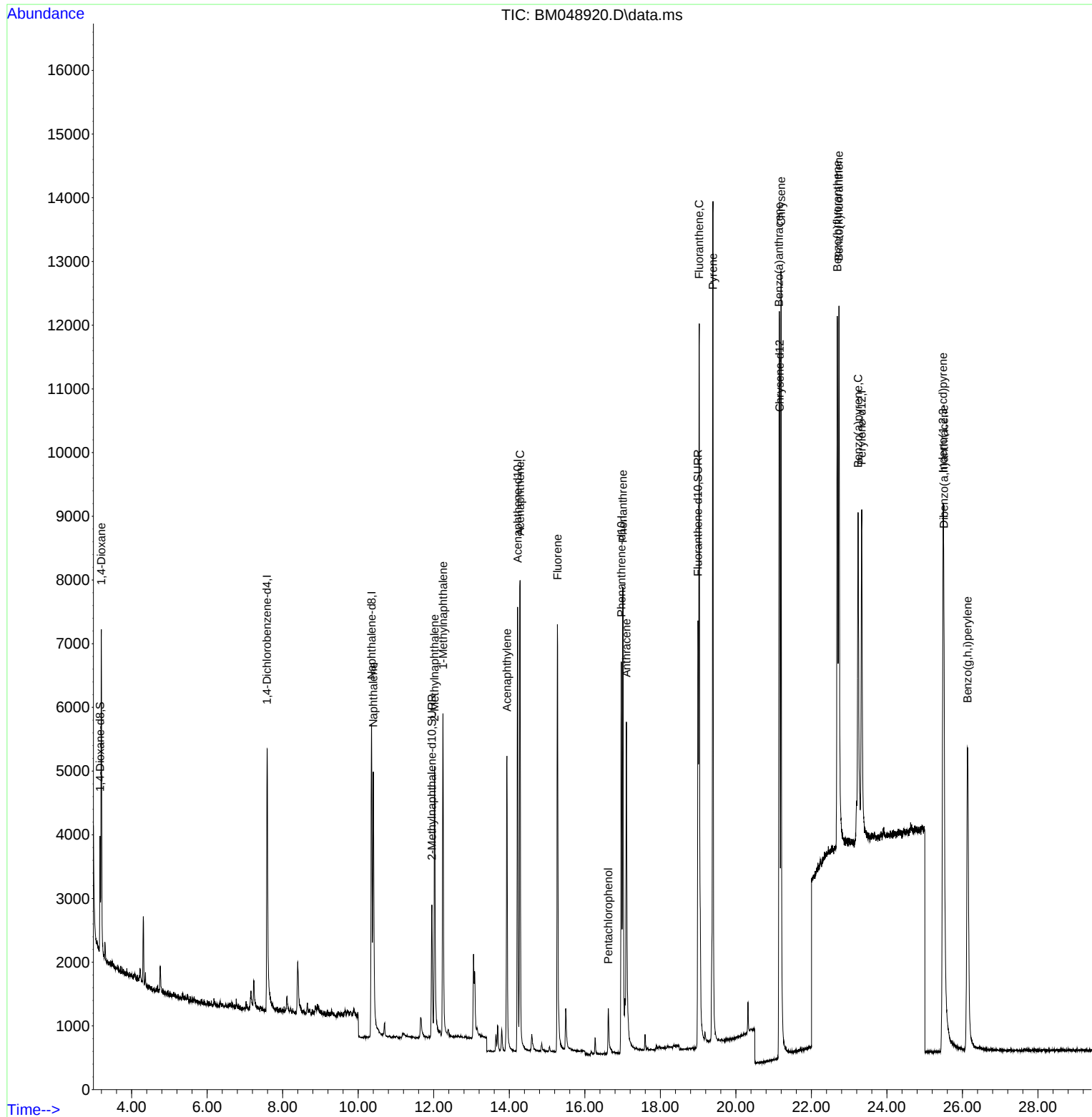
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.353	136	8146	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4311	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	8528	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	7301	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	7589	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1052	0.298	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	3572	0.344	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	8398	0.385	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	3487	0.852	ng/ul#	90
5) Naphthalene	10.397	128	6825	0.327	ng/ul	98
7) 2-Methylnaphthalene	12.020	142	4029	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.245	142	4168	0.321	ng/ul	100
10) Acenaphthylene	13.938	152	6104	0.335	ng/ul	99
11) Acenaphthene	14.285	153	4704	0.341	ng/ul	99
12) Fluorene	15.275	166	5319	0.348	ng/ul	97
14) Pentachlorophenol	16.622	266	694	0.395	ng/ul	95
15) Phenanthrene	17.006	178	8652	0.370	ng/ul	99
16) Anthracene	17.099	178	7425	0.356	ng/ul	98
19) Fluoranthene	19.030	202	10723	0.354	ng/ul	99
20) Pyrene	19.392	202	11892	0.364	ng/ul	99
21) Benzo(a)anthracene	21.146	228	9296	0.362	ng/ul	98
22) Chrysene	21.195	228	11780	0.405	ng/ul	100
24) Benzo(b)fluoranthene	22.686	252	10631	0.405	ng/ul	98
25) Benzo(k)fluoranthene	22.729	252	12298	0.405	ng/ul	99
26) Benzo(a)pyrene	23.235	252	9100	0.375	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.487	276	13306	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.507	278	10239	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	26.134	276	11110	0.405	ng/ul	98

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

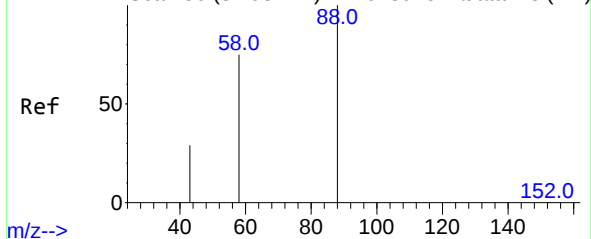
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048920.D
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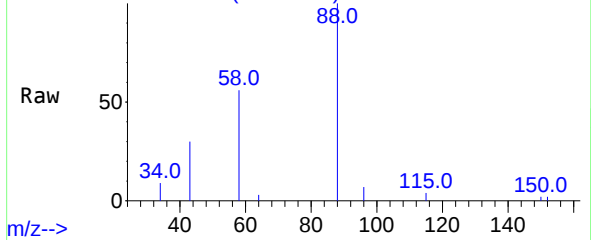
Quant Time: Dec 10 13:43:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



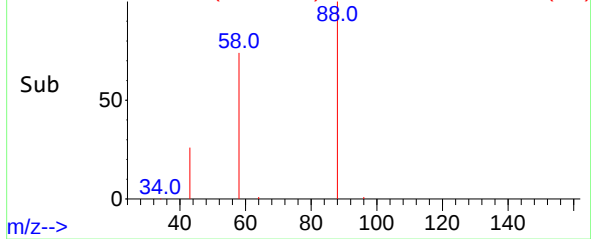
Abundance Scan 50 (3.193 min): BM048915.D\data.ms (-44)



Abundance Scan 51 (3.197 min): BM048920.D\data.ms



Abundance Scan 51 (3.197 min): BM048920.D\data.ms (-26)



#2

1,4-Dioxane

Concen: 0.852 ng/ul

RT: 3.197 min Scan# 51

Delta R.T. 0.004 min

Lab File: BM048920.D

Acq: 10 Dec 2024 13:09

Instrument :

BNA_M

ClientSampleId :

BHJ99MSD

Tgt Ion: 88 Resp: 3487

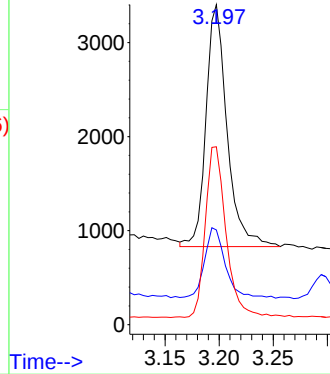
Ion Ratio Lower Upper

88 100

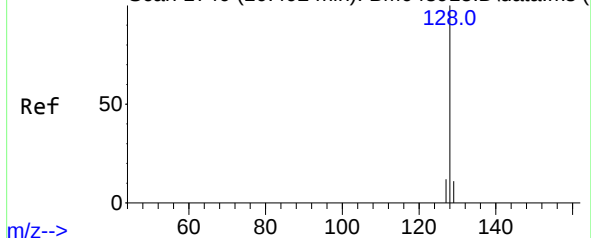
43 29.6 32.3 48.5#

58 55.6 42.0 63.0

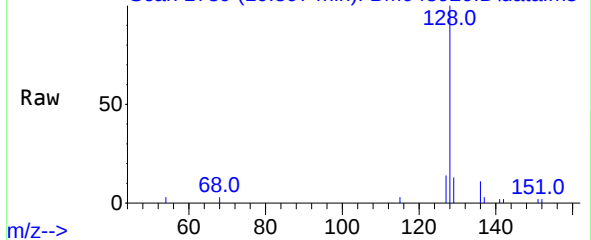
Abundance



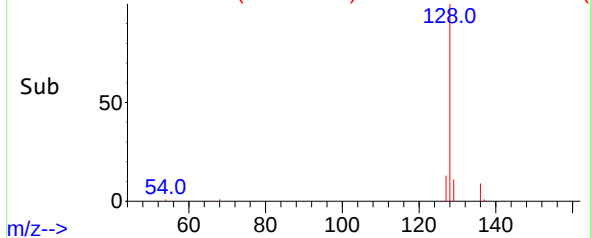
Abundance Scan 1740 (10.402 min): BM048915.D\data.ms (-)



Abundance Scan 1739 (10.397 min): BM048920.D\data.ms



Abundance Scan 1739 (10.397 min): BM048920.D\data.ms (-)



#5

Naphthalene

Concen: 0.327 ng/ul

RT: 10.397 min Scan# 1739

Delta R.T. -0.004 min

Lab File: BM048920.D

Acq: 10 Dec 2024 13:09

Tgt Ion:128 Resp: 6825

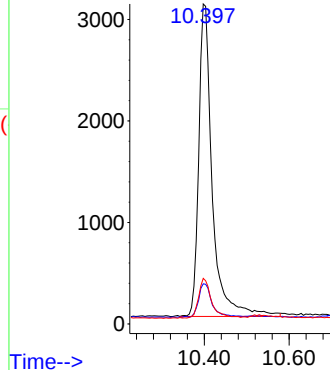
Ion Ratio Lower Upper

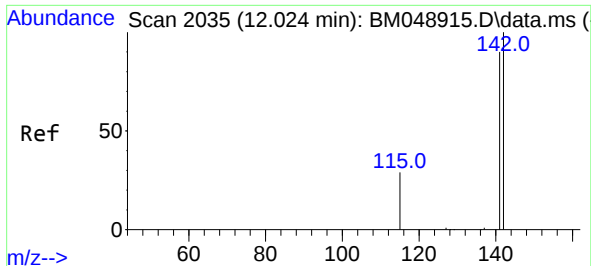
128 100

129 12.5 9.4 14.2

127 14.2 10.6 16.0

Abundance

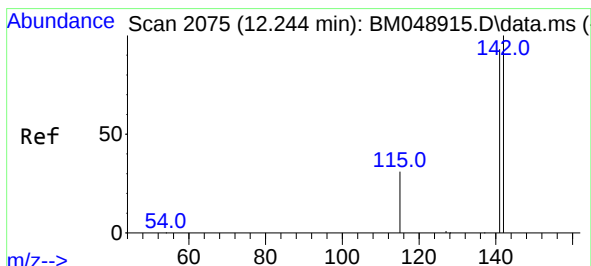
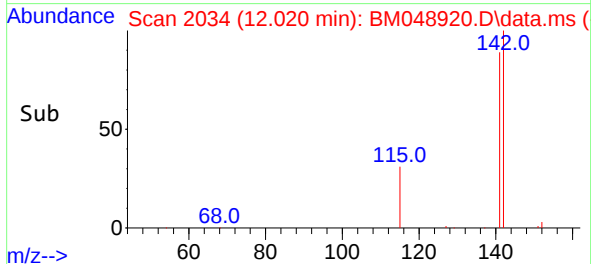
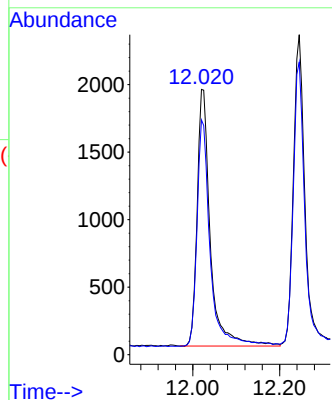
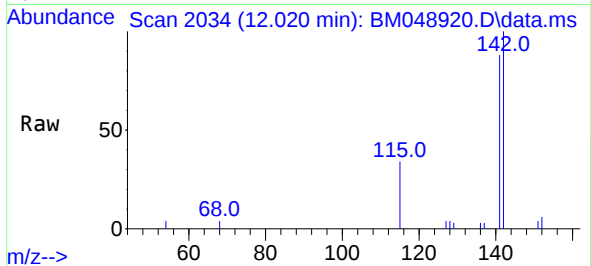




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.020 min Scan# 2034
Delta R.T. -0.004 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

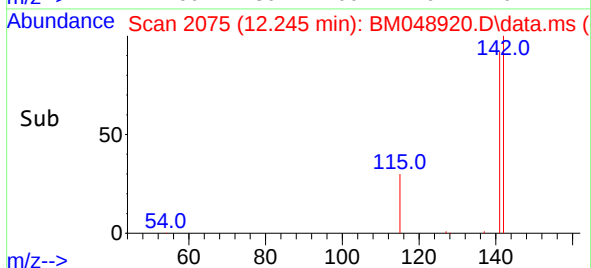
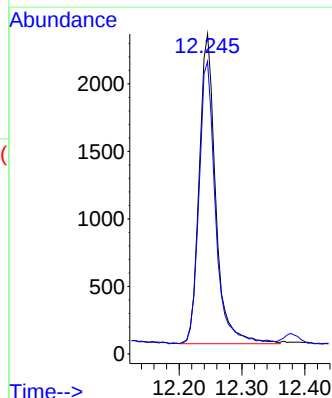
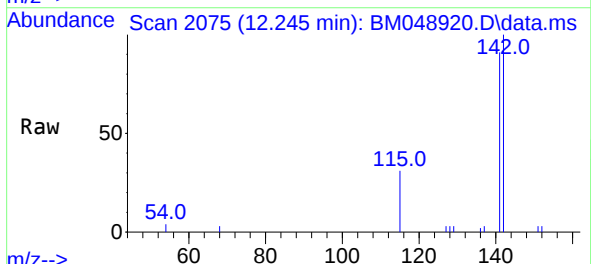
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

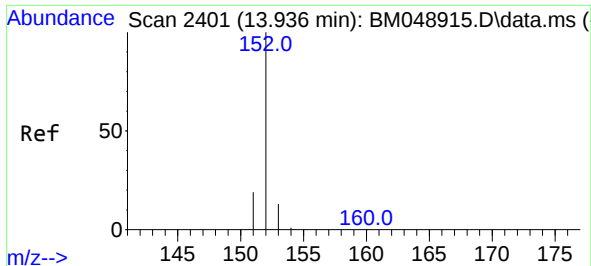
Tgt Ion:142 Resp: 4029
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:142 Resp: 4168
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2

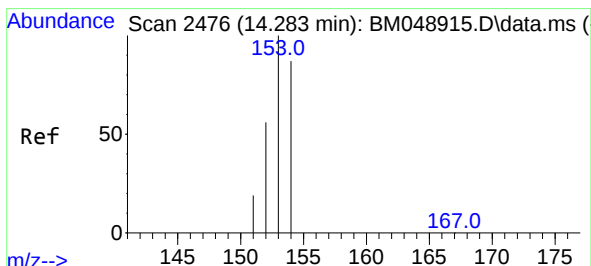
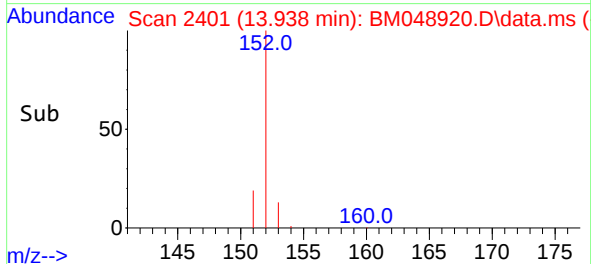
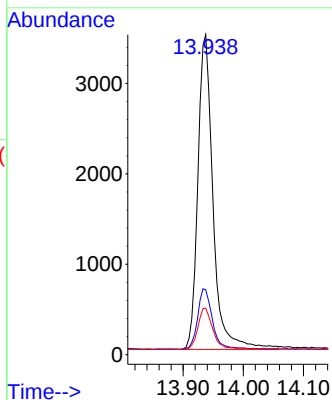
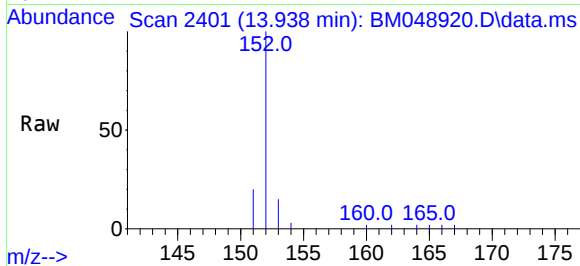




#10
Acenaphthylene
Concen: 0.335 ng/u1
RT: 13.938 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

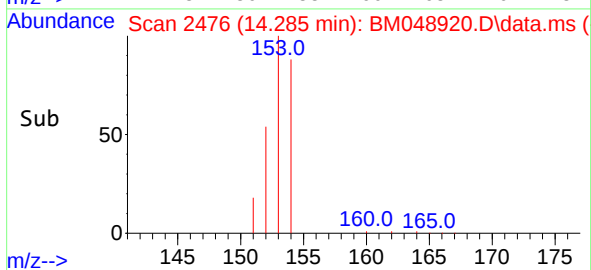
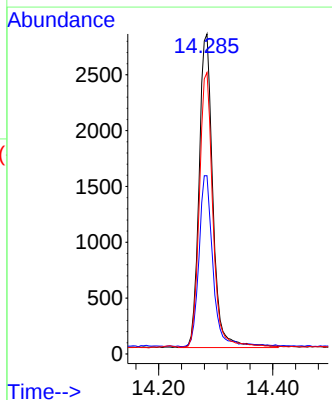
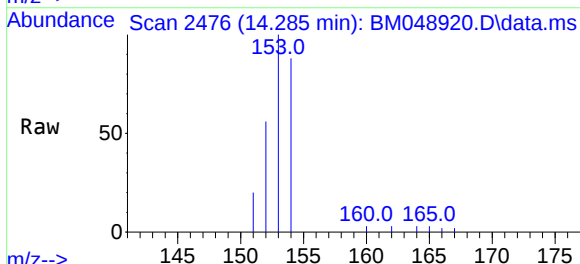
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

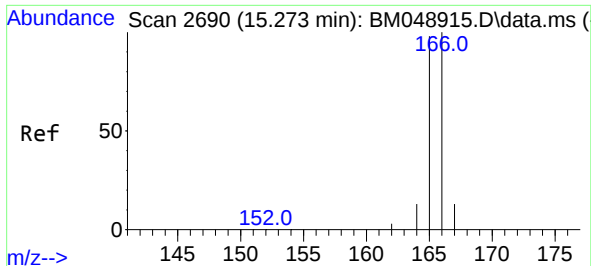
Tgt Ion:	152	Resp:	6104
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.5	11.2	16.8



#11
Acenaphthene
Concen: 0.341 ng/u1
RT: 14.285 min Scan# 2476
Delta R.T. 0.001 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:	153	Resp:	4704
Ion	Ratio	Lower	Upper
153	100		
152	55.7	43.5	65.3
154	88.0	69.5	104.3

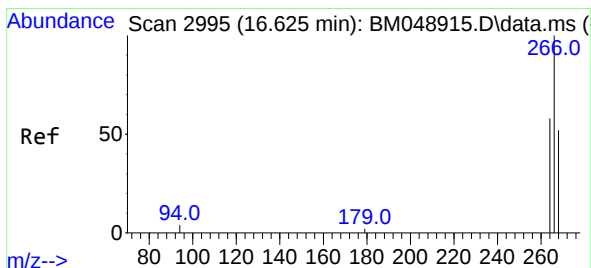
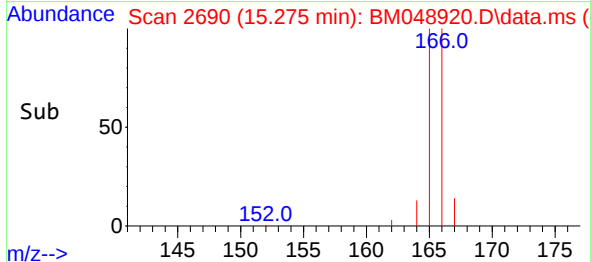
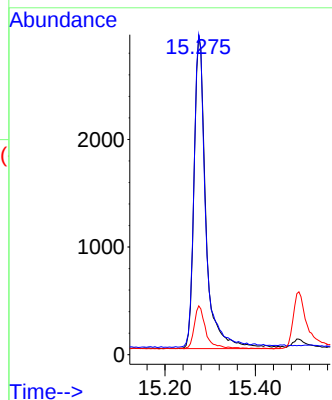
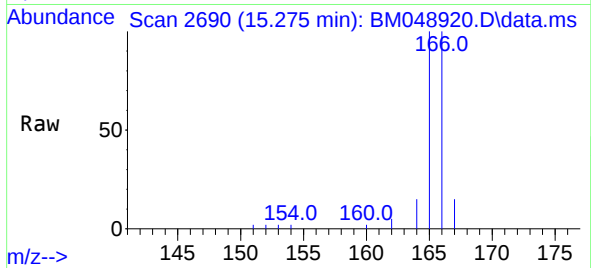




#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.275 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

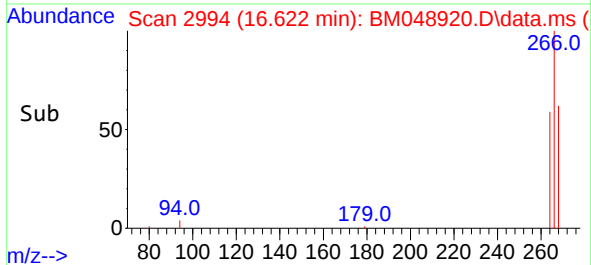
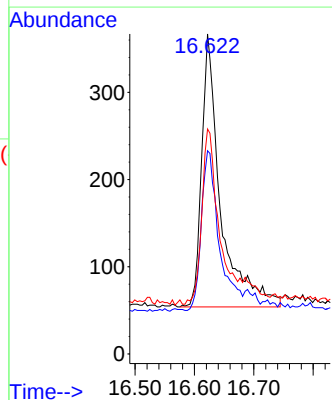
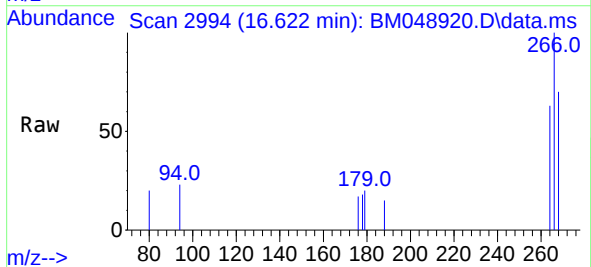
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

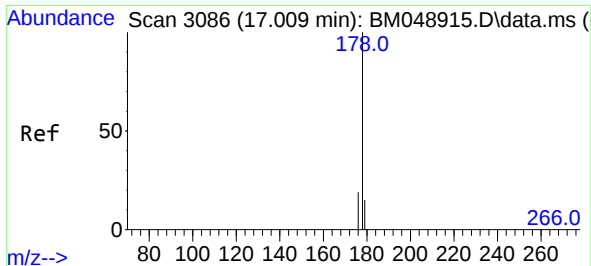
Tgt Ion:166 Resp: 5319
Ion Ratio Lower Upper
166 100
165 100.3 78.1 117.1
167 15.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.395 ng/ul
RT: 16.622 min Scan# 2994
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:266 Resp: 694
Ion Ratio Lower Upper
266 100
264 54.9 47.9 71.9
268 66.0 55.0 82.6

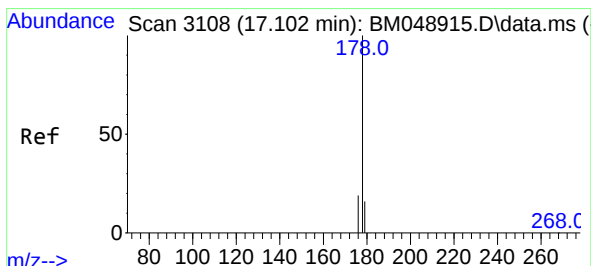
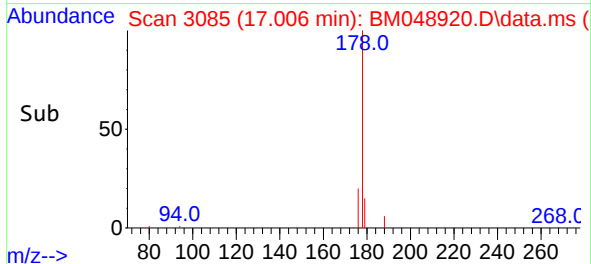
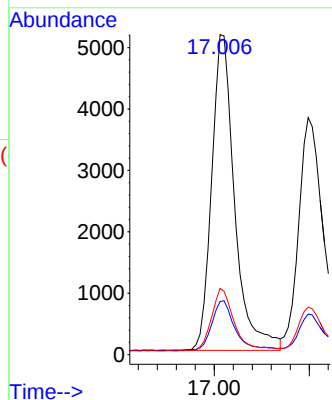
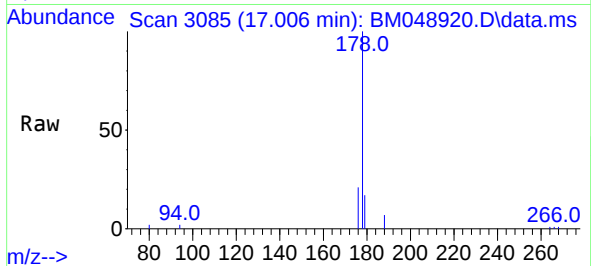




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

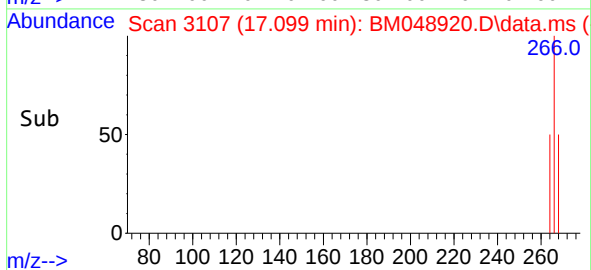
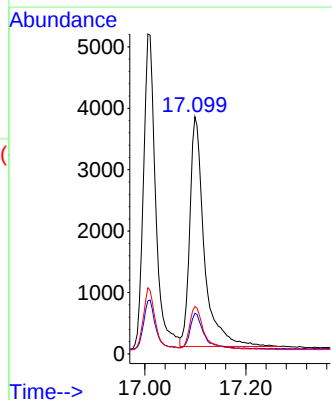
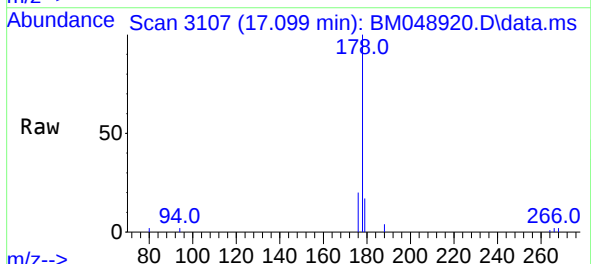
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

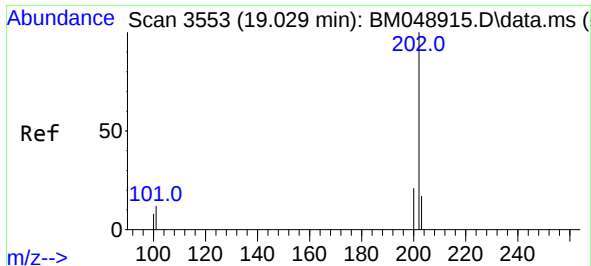
Tgt Ion:	178	Resp:	8652
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.7	15.8	23.8



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:	178	Resp:	7425
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.4
176	20.0	15.0	22.6

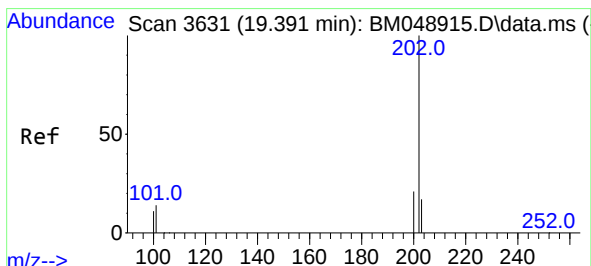
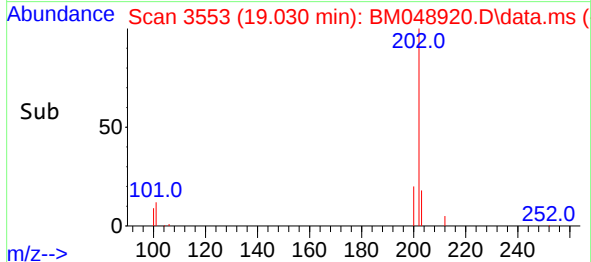
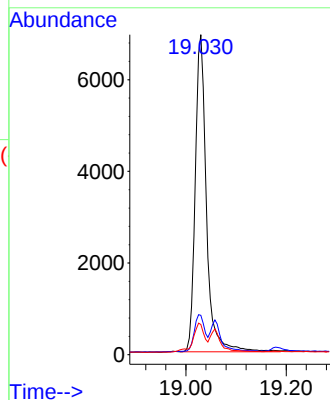
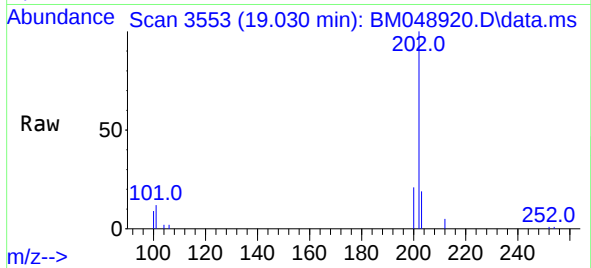




#19
Fluoranthene
Concen: 0.354 ng/u1
RT: 19.030 min Scan# 3553
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

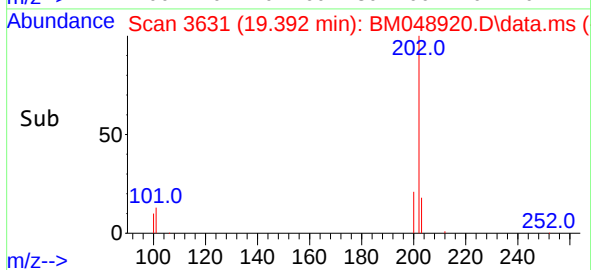
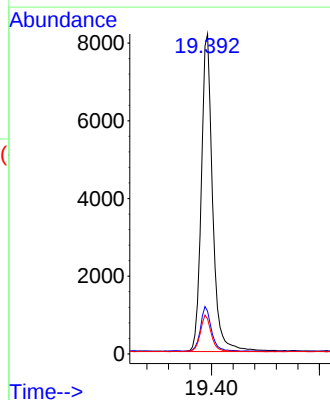
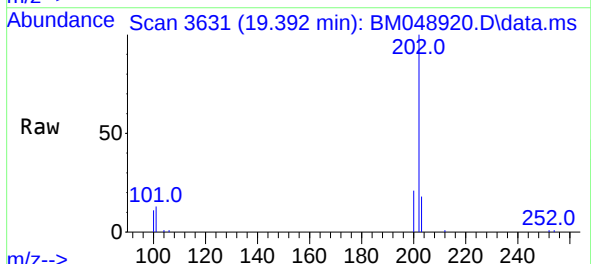
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

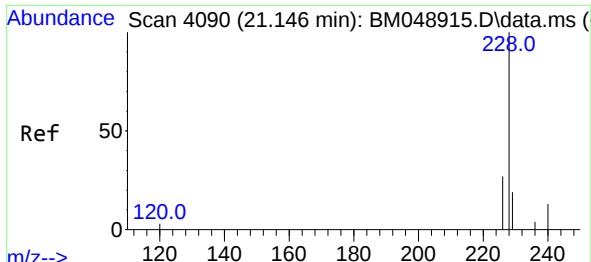
Tgt Ion:	202	Resp:	10723
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.4	7.3	10.9



#20
Pyrene
Concen: 0.364 ng/u1
RT: 19.392 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:	202	Resp:	11892
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.9	8.4	12.6

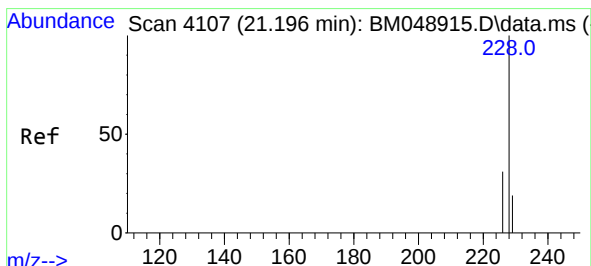
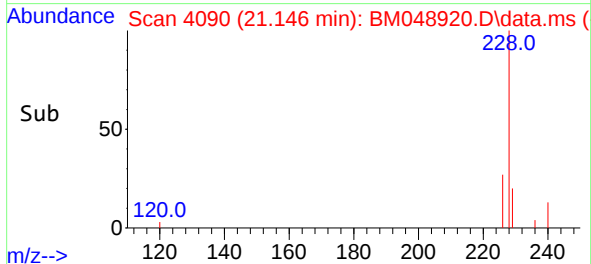
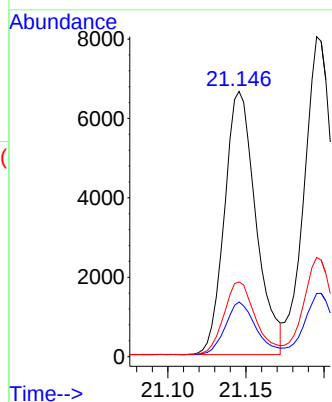
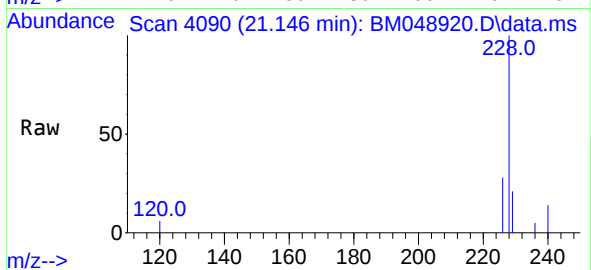




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

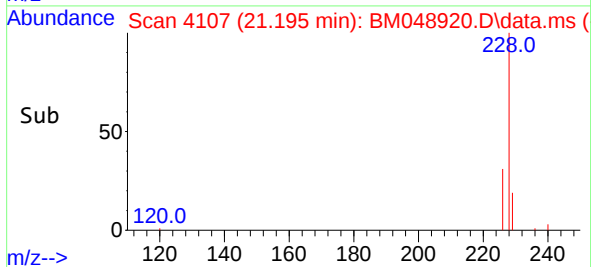
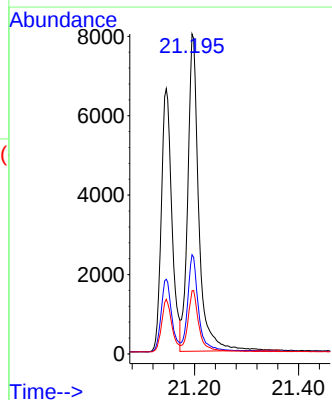
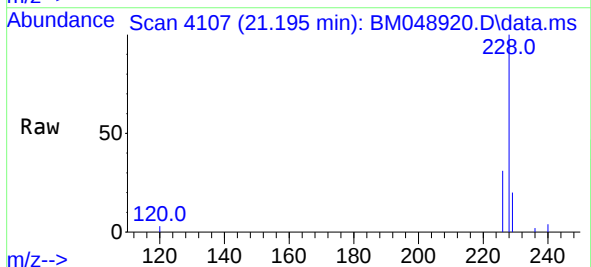
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

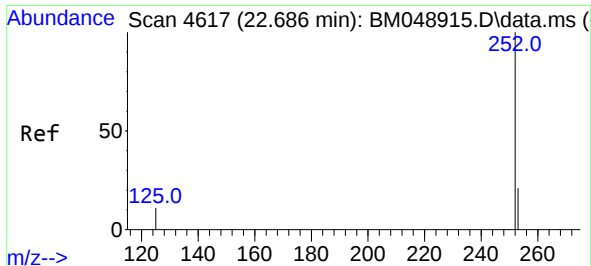
Tgt Ion:	228	Resp:	9296
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.1	23.0	34.4



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.195 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:	228	Resp:	11780
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.7	16.0	24.0

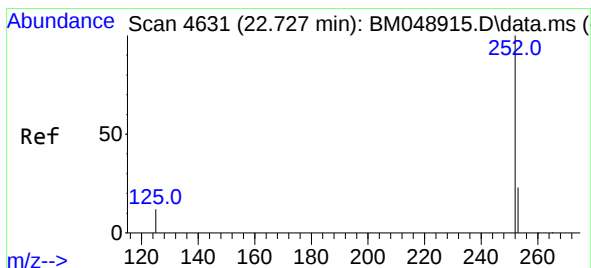
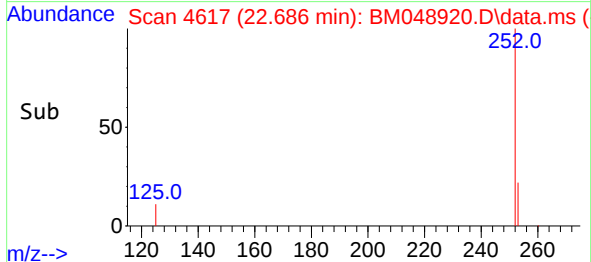
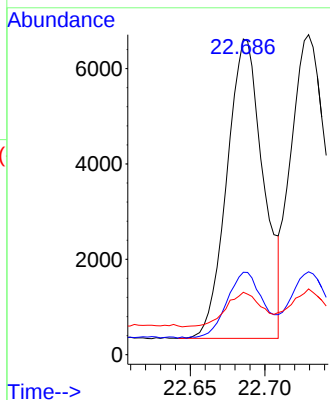
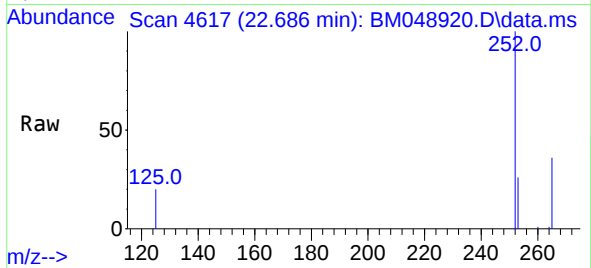




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.686 min Scan# 4617
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

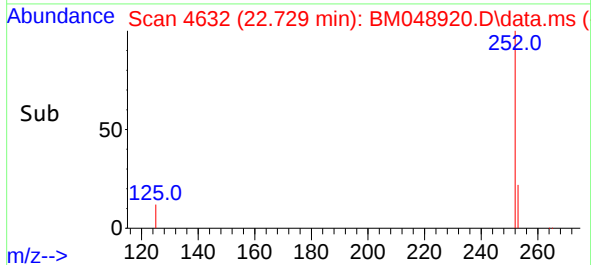
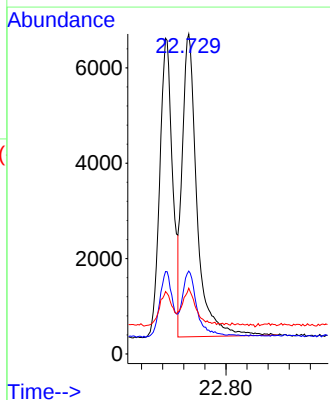
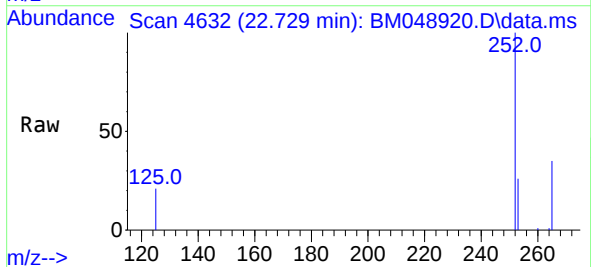
Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

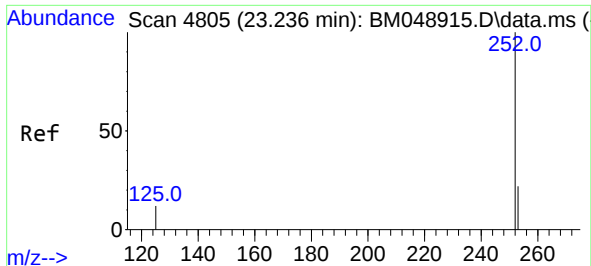
Tgt Ion:	252	Resp:	10631
Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	51.0
125	19.8	0.0	36.6



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.729 min Scan# 4632
Delta R.T. -0.003 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

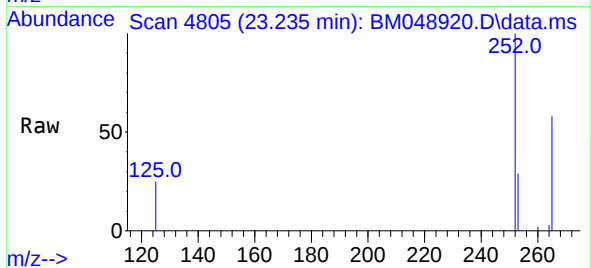
Tgt Ion:	252	Resp:	12298
Ion Ratio	Lower	Upper	
252	100		
253	25.9	20.5	30.7
125	20.5	17.3	25.9



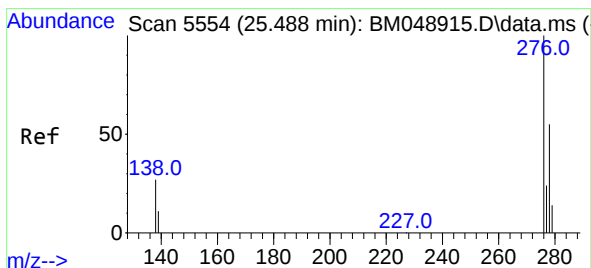
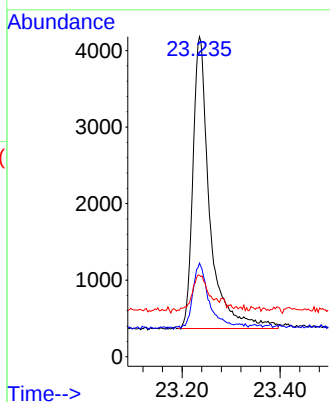


#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.235 min Scan# 4805
Delta R.T. -0.006 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

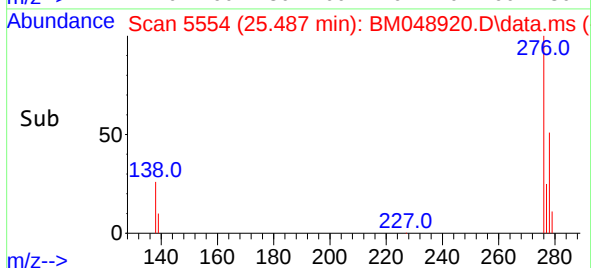
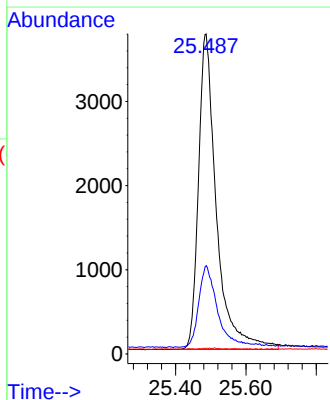
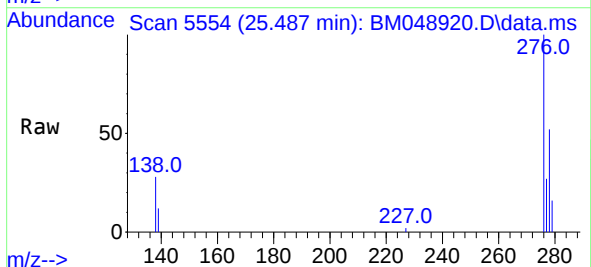


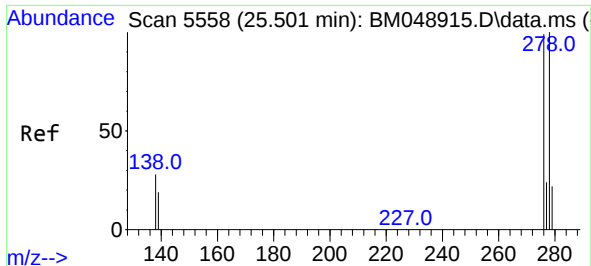
Tgt Ion:	252	Resp:	9100
Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.8	32.8
125	25.5	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.487 min Scan# 5554
Delta R.T. -0.004 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:	276	Resp:	13306
Ion	Ratio	Lower	Upper
276	100		
138	27.2	22.1	33.1
227	0.1	0.2	0.2

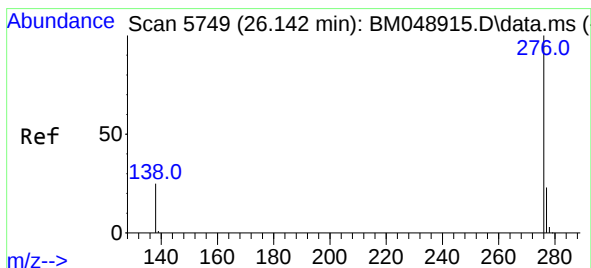
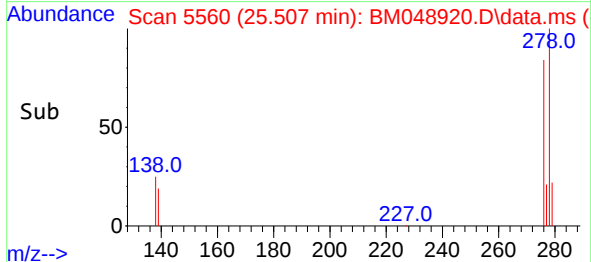
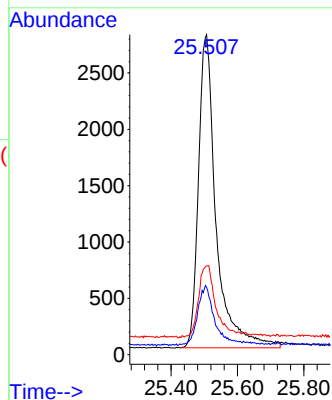
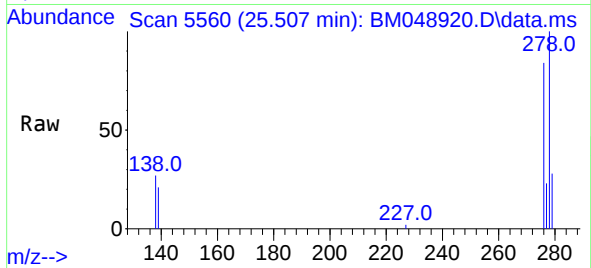




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.507 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

Tgt Ion:278 Resp: 10239
Ion Ratio Lower Upper
278 100
139 21.0 17.4 26.0
279 27.7 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.134 min Scan# 5747
Delta R.T. -0.011 min
Lab File: BM048920.D
Acq: 10 Dec 2024 13:09

Tgt Ion:276 Resp: 11110
Ion Ratio Lower Upper
276 100
138 25.9 19.8 29.6
277 25.2 19.6 29.4

