

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048923.D
 Acq On : 10 Dec 2024 14:57
 Operator : RC/JU
 Sample : P5109-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHJA2MSD

Quant Time: Dec 10 15:27:35 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)

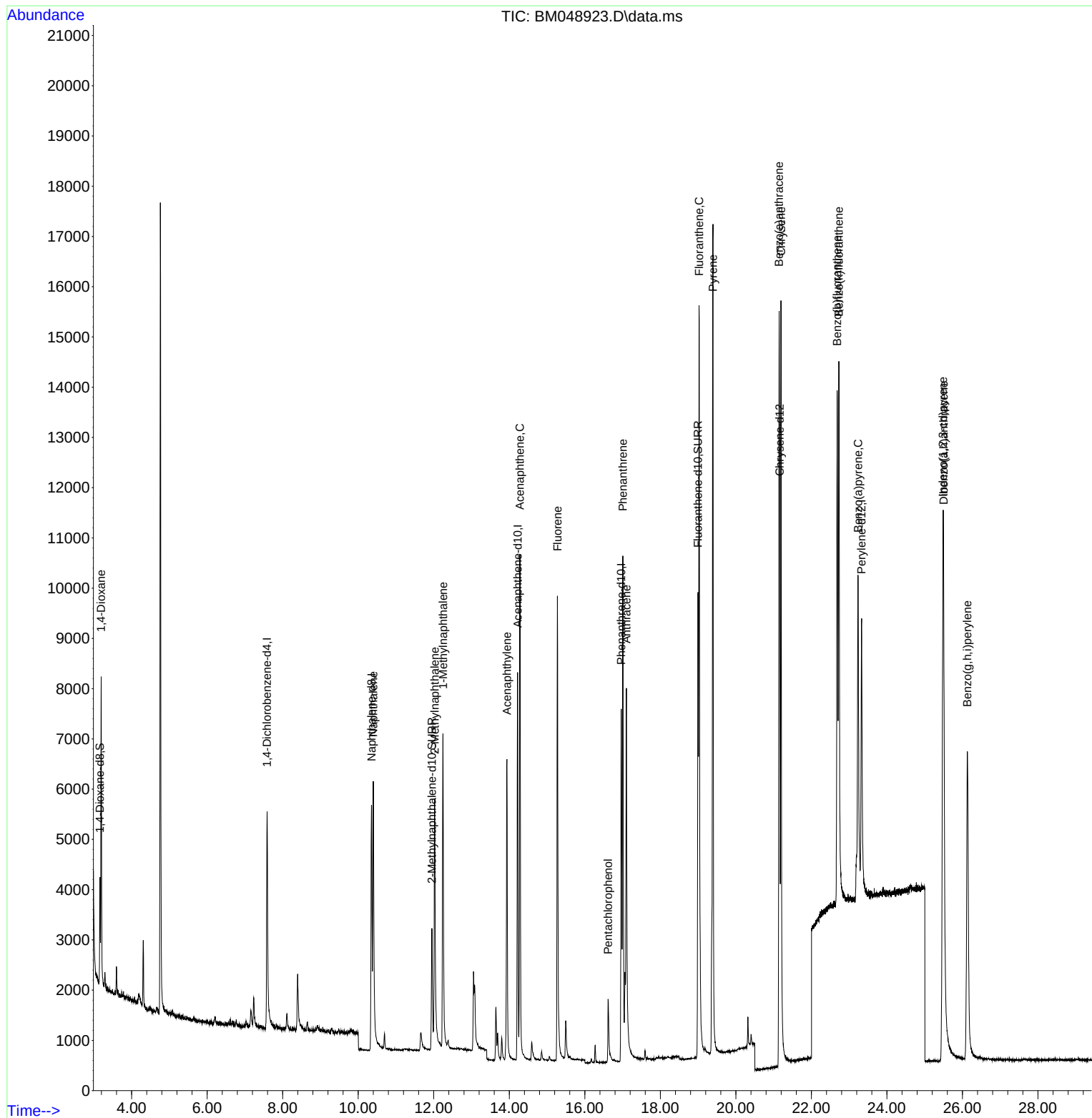
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.353	136	8406	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4640	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	9609	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	7837	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	7868	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1259	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	4457	0.416	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	11053	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	3781	0.930	ng/ul#	87
5) Naphthalene	10.397	128	8634	0.401	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	5148	0.391	ng/ul	99
8) 1-Methylnaphthalene	12.245	142	5455	0.407	ng/ul	99
10) Acenaphthylene	13.938	152	7823	0.399	ng/ul	98
11) Acenaphthene	14.280	153	6170	0.416	ng/ul	99
12) Fluorene	15.275	166	7104	0.431	ng/ul	98
14) Pentachlorophenol	16.618	266	1248	0.631	ng/ul	95
15) Phenanthrene	17.006	178	11792	0.448	ng/ul	99
16) Anthracene	17.099	178	10149	0.432	ng/ul	98
19) Fluoranthene	19.030	202	14316	0.440	ng/ul	99
20) Pyrene	19.392	202	15713	0.449	ng/ul	100
21) Benzo(a)anthracene	21.146	228	12048	0.437	ng/ul	99
22) Chrysene	21.195	228	15211	0.487	ng/ul	100
24) Benzo(b)fluoranthene	22.683	252	13493	0.496	ng/ul	99
25) Benzo(k)fluoranthene	22.726	252	15824	0.503	ng/ul	96
26) Benzo(a)pyrene	23.235	252	11536	0.459	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.484	276	16615	0.470	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.500	278	12900	0.469	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	13818	0.486	ng/ul	99

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

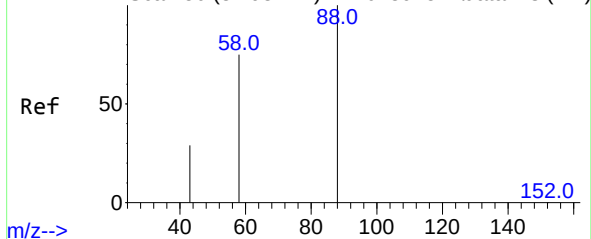
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048923.D
Acq On : 10 Dec 2024 14:57
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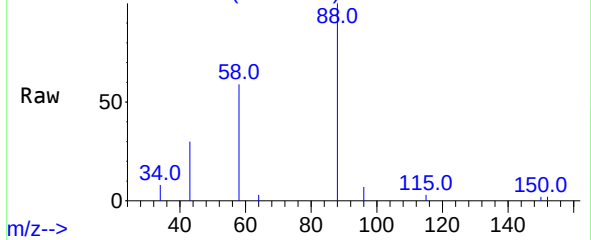
Quant Time: Dec 10 15:27:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



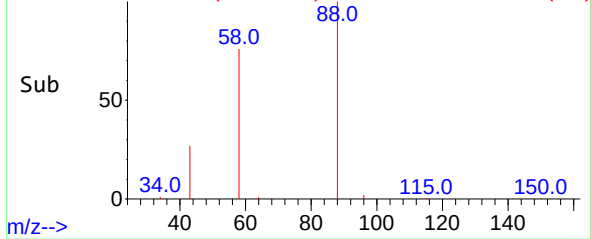
Abundance Scan 50 (3.193 min): BM048915.D\data.ms (-44)



m/z--> Scan 50 (3.193 min): BM048923.D\data.ms



m/z--> Scan 50 (3.193 min): BM048923.D\data.ms (-26)



m/z-->

#2

1,4-Dioxane

Concen: 0.930 ng/ul

RT: 3.193 min Scan# 50

Delta R.T. 0.000 min

Lab File: BM048923.D

Acq: 10 Dec 2024 14:57

Instrument :

BNA_M

ClientSampleId :

BHJA2MSD

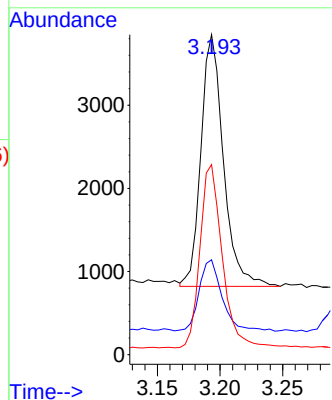
Tgt Ion: 88 Resp: 3781

Ion Ratio Lower Upper

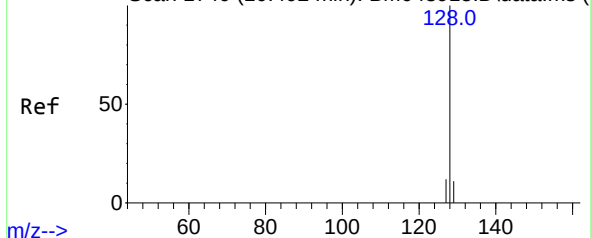
88 100

43 29.7 32.3 48.5#

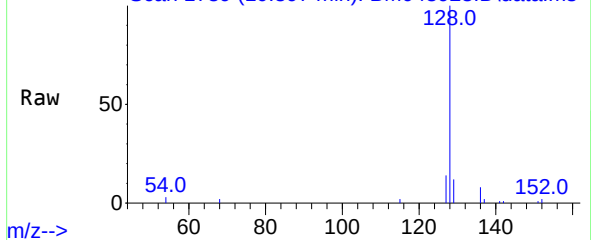
58 59.4 42.0 63.0



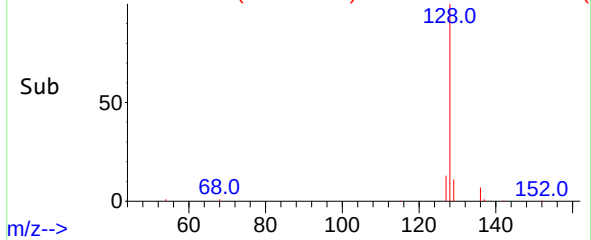
Abundance Scan 1740 (10.402 min): BM048915.D\data.ms (-)



m/z--> Scan 1739 (10.397 min): BM048923.D\data.ms



m/z--> Scan 1739 (10.397 min): BM048923.D\data.ms (-)



m/z-->

#5

Naphthalene

Concen: 0.401 ng/ul

RT: 10.397 min Scan# 1739

Delta R.T. -0.004 min

Lab File: BM048923.D

Acq: 10 Dec 2024 14:57

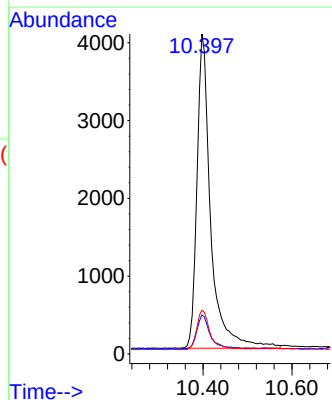
Tgt Ion:128 Resp: 8634

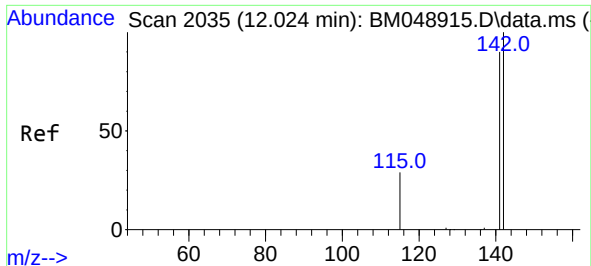
Ion Ratio Lower Upper

128 100

129 12.2 9.4 14.2

127 13.7 10.6 16.0

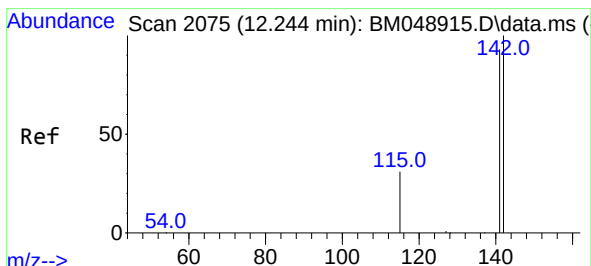
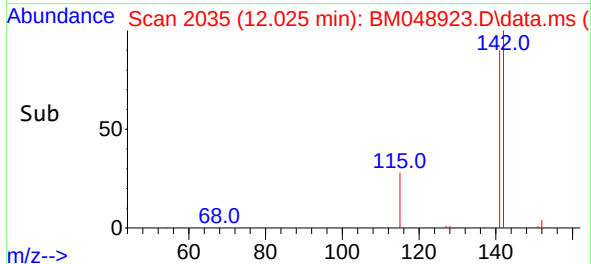
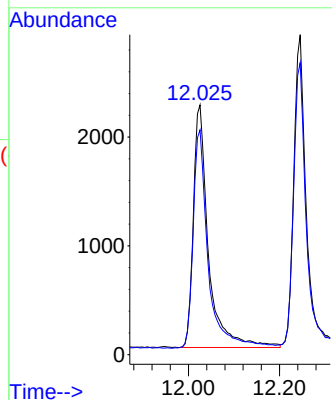
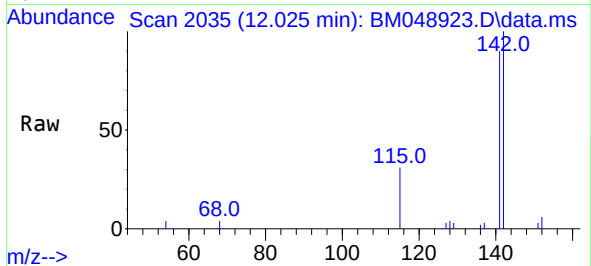




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. 0.001 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

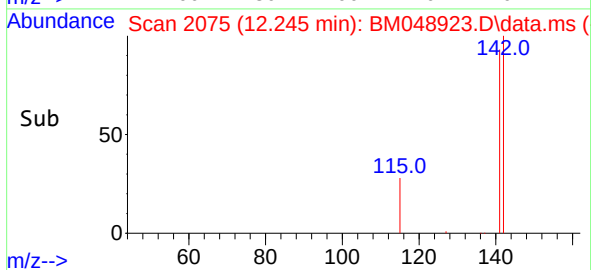
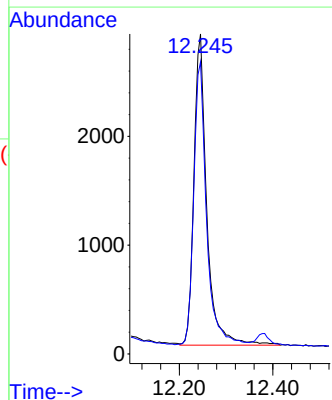
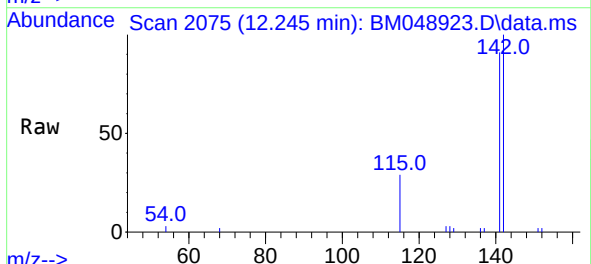
Instrument :
BNA_M
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BHJA2MSD

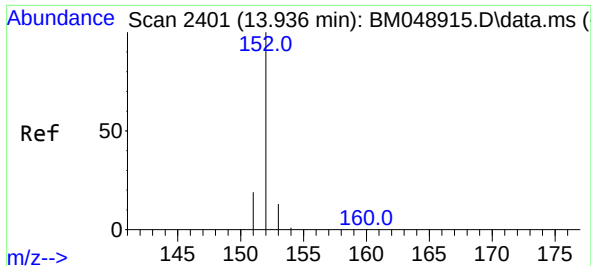
Tgt Ion:142 Resp: 5148
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:142 Resp: 5455
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2

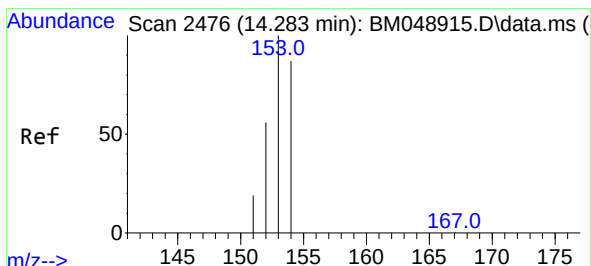
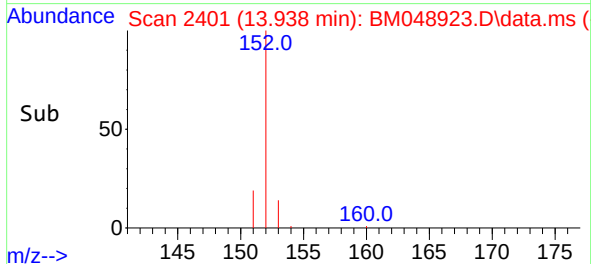
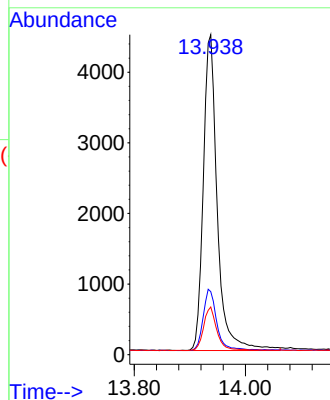
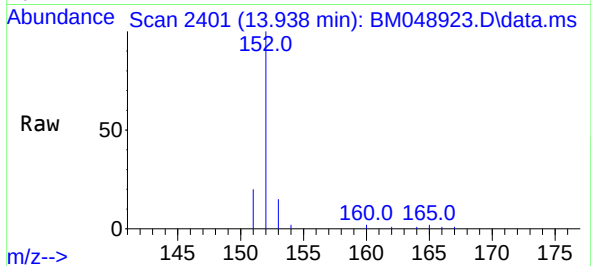




#10
Acenaphthylene
Concen: 0.399 ng/u1
RT: 13.938 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

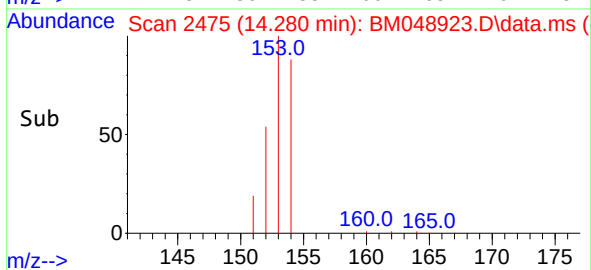
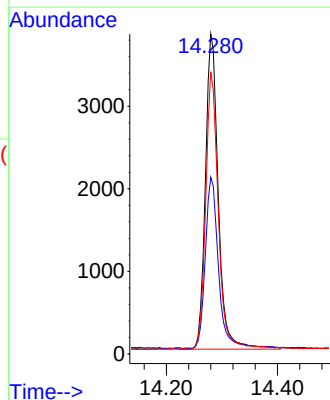
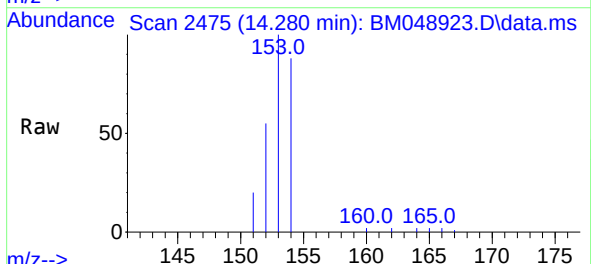
Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

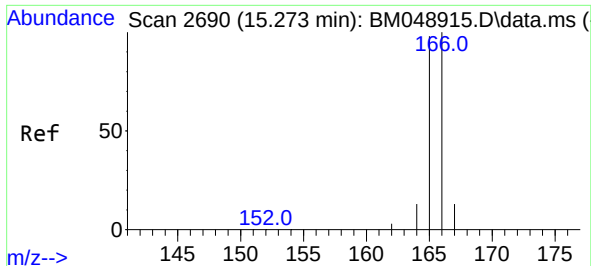
Tgt Ion:	152	Resp:	7823
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.9	11.2	16.8



#11
Acenaphthene
Concen: 0.416 ng/u1
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:	153	Resp:	6170
Ion	Ratio	Lower	Upper
153	100		
152	55.3	43.5	65.3
154	88.2	69.5	104.3

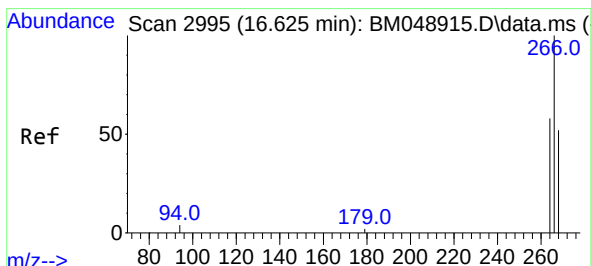
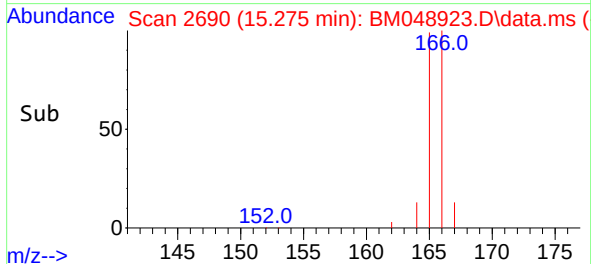
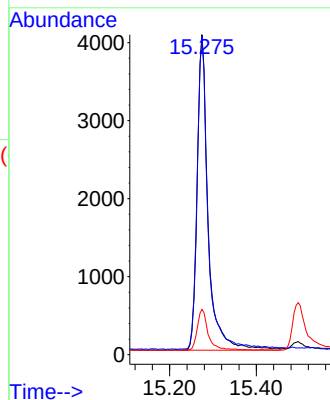
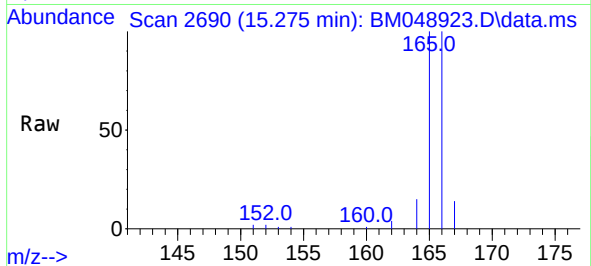




#12
Fluorene
Concen: 0.431 ng/ul
RT: 15.275 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

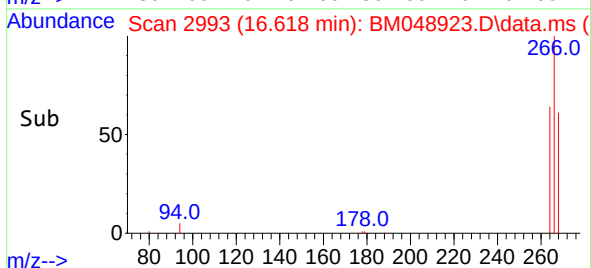
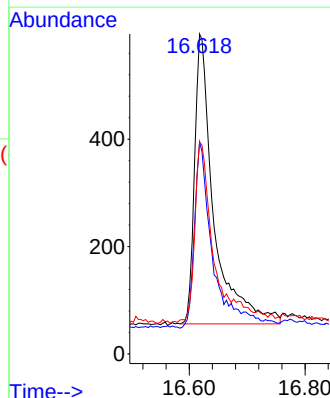
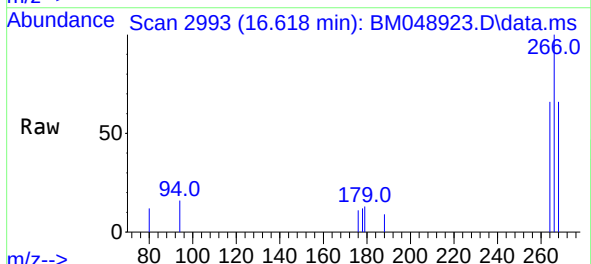
Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

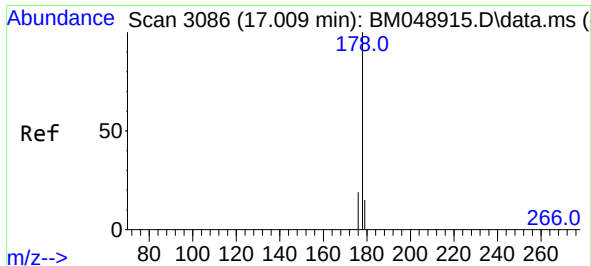
Tgt Ion:166 Resp: 7104
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 14.2 11.6 17.4



#14
Pentachlorophenol
Concen: 0.631 ng/ul
RT: 16.618 min Scan# 2993
Delta R.T. -0.007 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:266 Resp: 1248
Ion Ratio Lower Upper
266 100
264 62.6 47.9 71.9
268 63.6 55.0 82.6

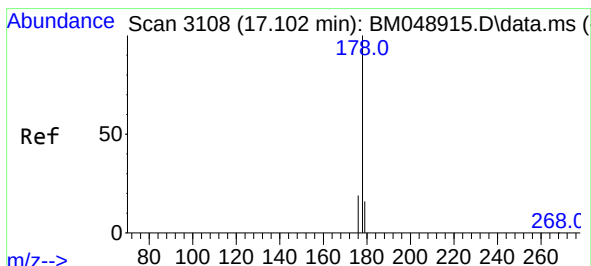
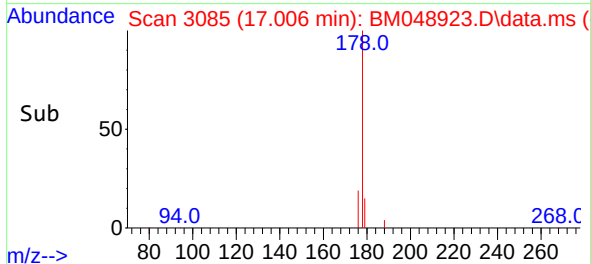
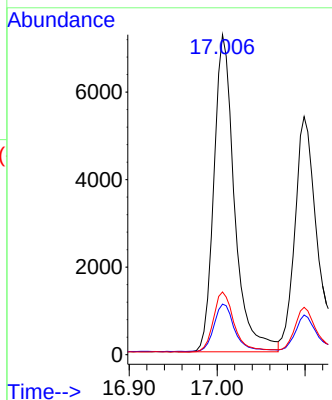
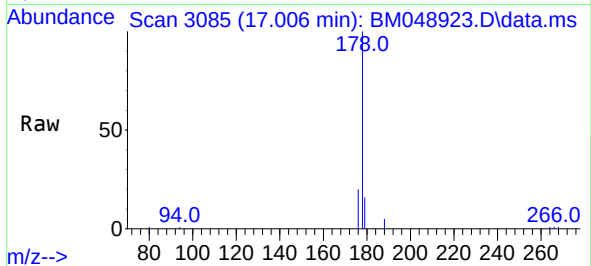




#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

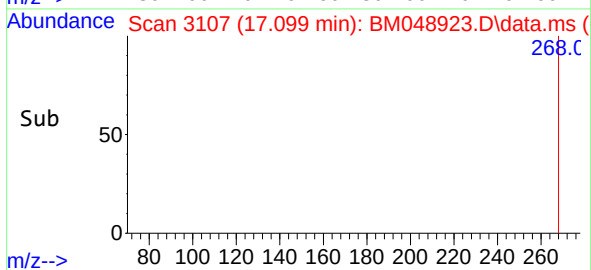
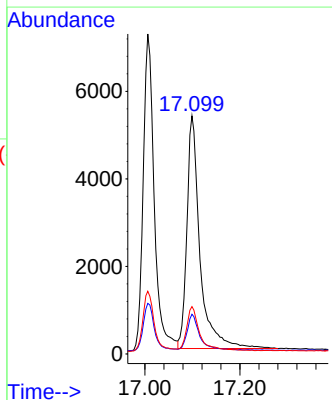
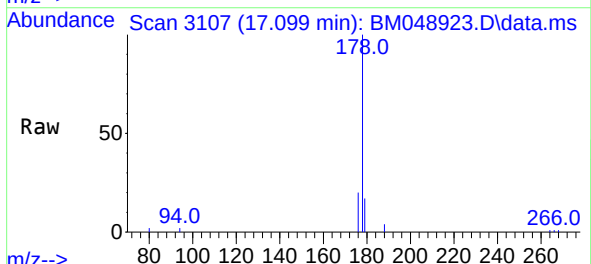
Instrument :
BNA_M
ClientSampleId :
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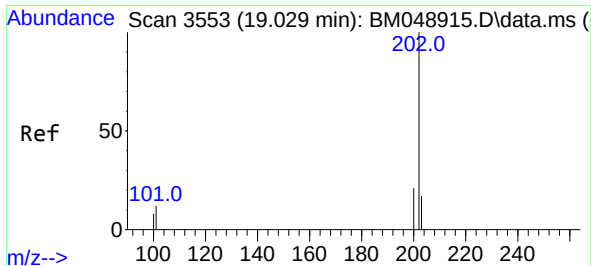
Tgt Ion:	178	Resp:	11792
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	19.6	15.8	23.8



#16
Anthracene
Concen: 0.432 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:	178	Resp:	10149
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.9	15.0	22.6

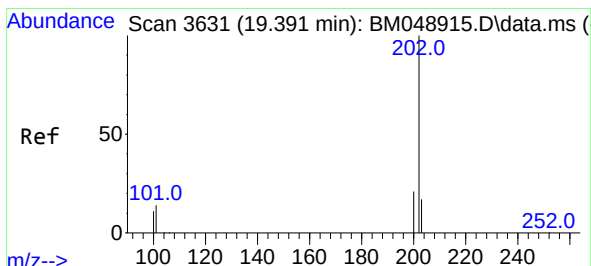
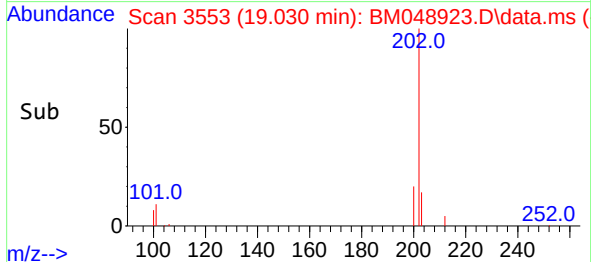
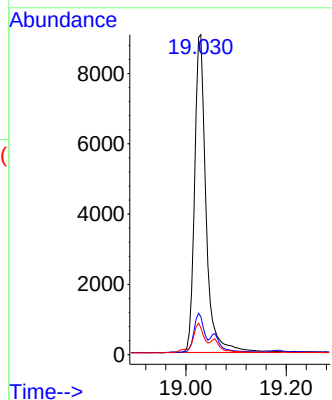
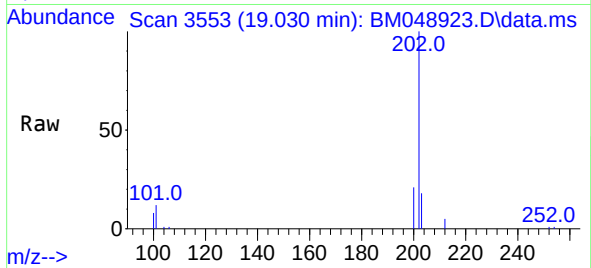




#19
Fluoranthene
Concen: 0.440 ng/u1
RT: 19.030 min Scan# 3553
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

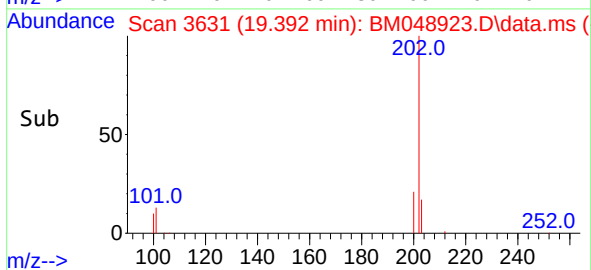
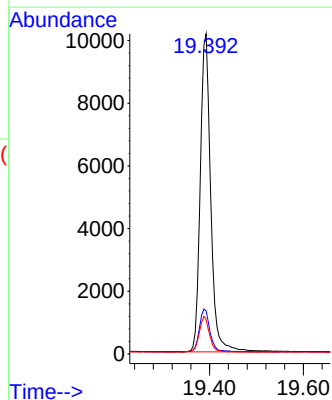
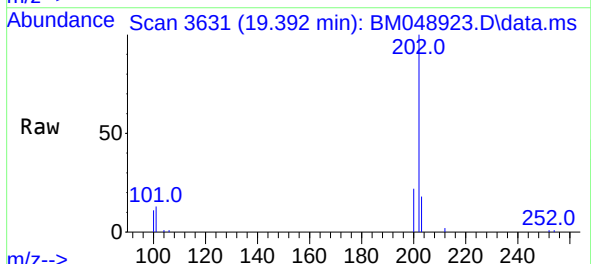
Instrument :
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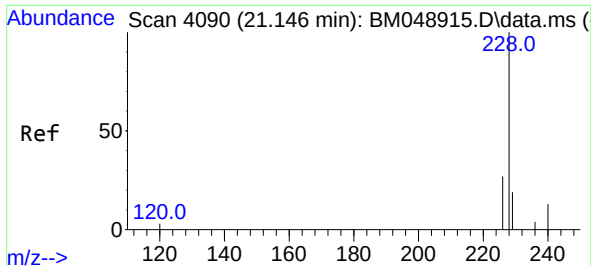
Tgt Ion:	202	Resp:	14316
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	8.4	7.3	10.9



#20
Pyrene
Concen: 0.449 ng/u1
RT: 19.392 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:	202	Resp:	15713
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	10.7	8.4	12.6

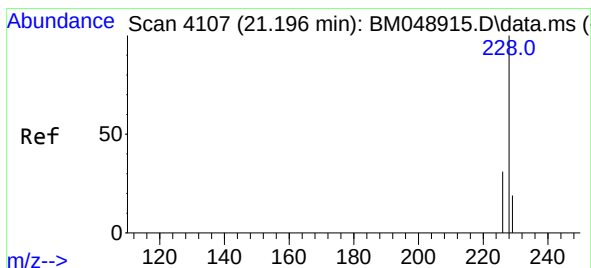
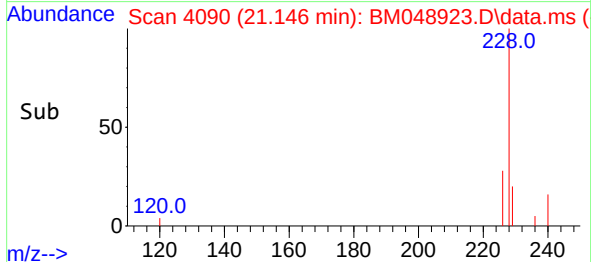
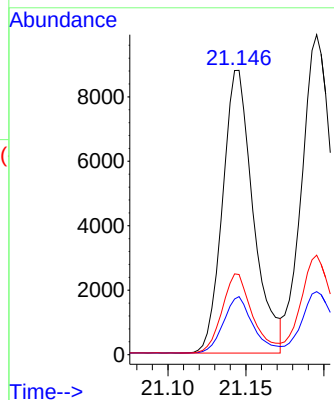
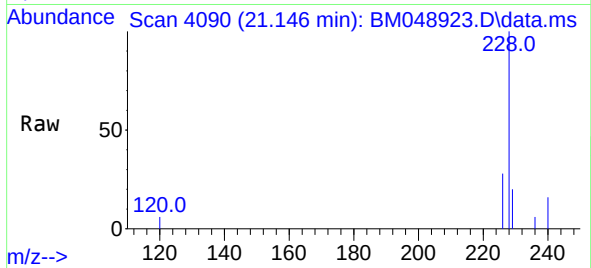




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

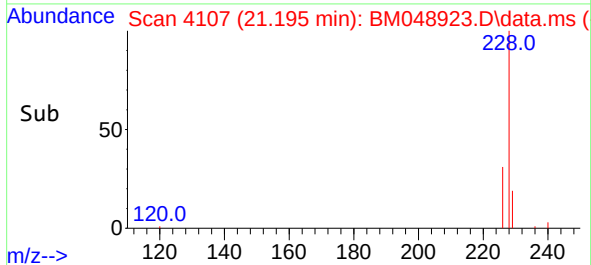
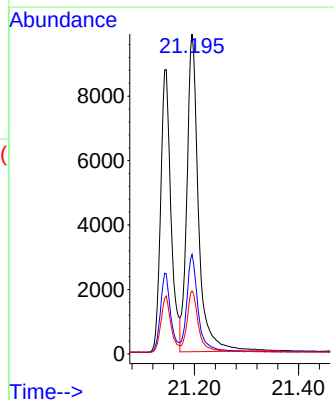
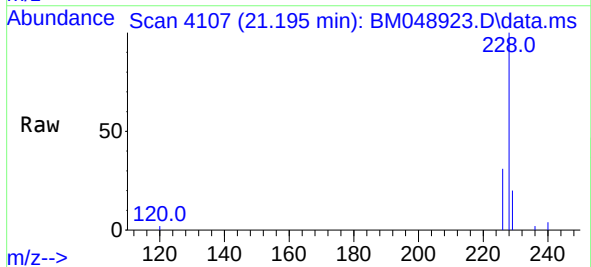
Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

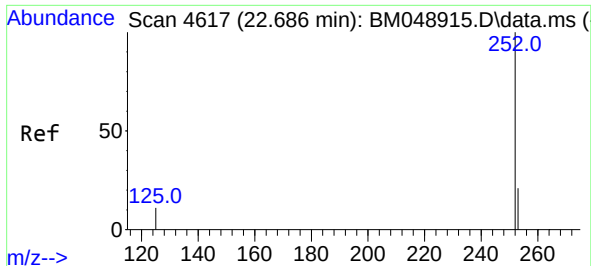
Tgt Ion:228	Resp:	12048
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.7 23.5
226	28.2	23.0 34.4



#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.195 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:228	Resp:	15211
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.8 37.2
229	19.7	16.0 24.0

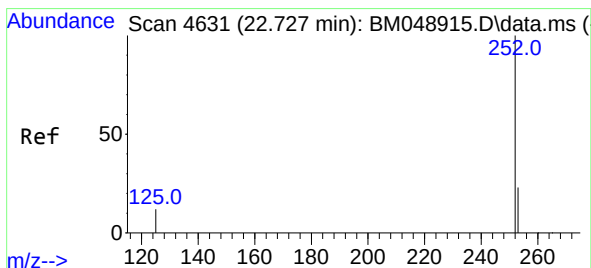
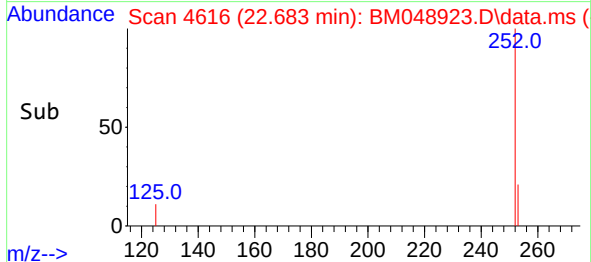
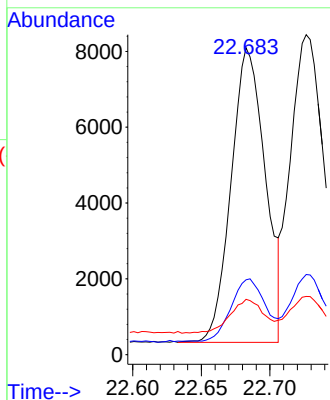
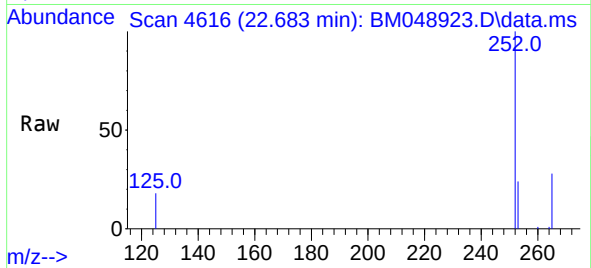




#24
Benzo(b)fluoranthene
Concen: 0.496 ng/ul
RT: 22.683 min Scan# 4617
Delta R.T. -0.006 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

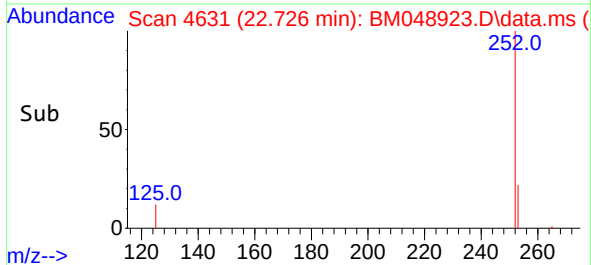
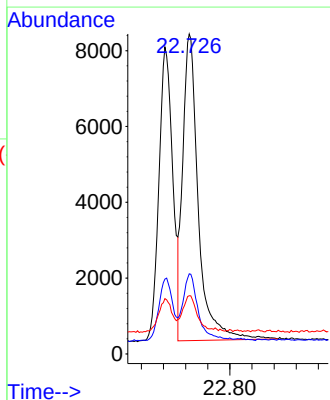
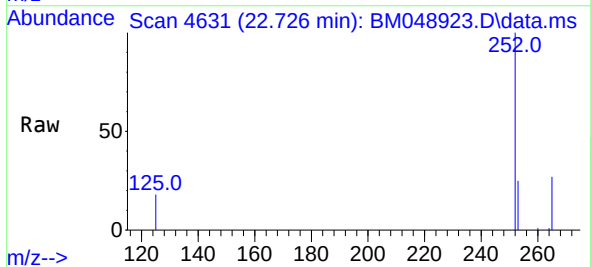
Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

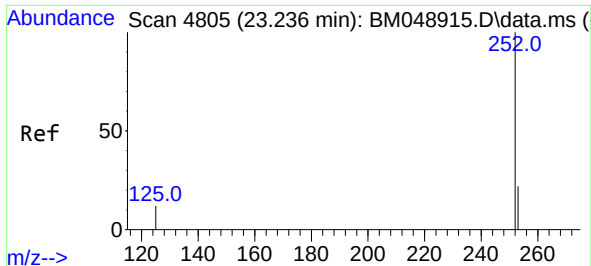
Tgt Ion:252	Resp:	13493
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 51.0
125	18.1	0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.503 ng/ul
RT: 22.726 min Scan# 4631
Delta R.T. -0.006 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:252	Resp:	15824
Ion Ratio	Lower	Upper
252	100	
253	25.0	20.5 30.7
125	18.2	17.3 25.9

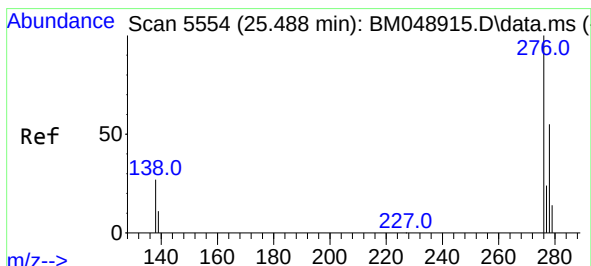
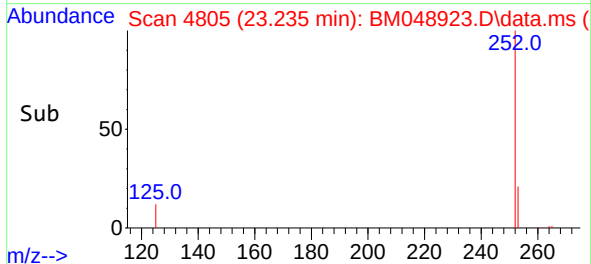
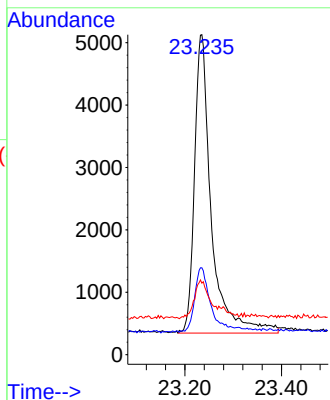
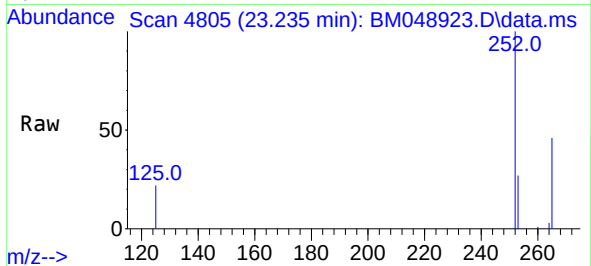




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.235 min Scan# 4805
Delta R.T. -0.006 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

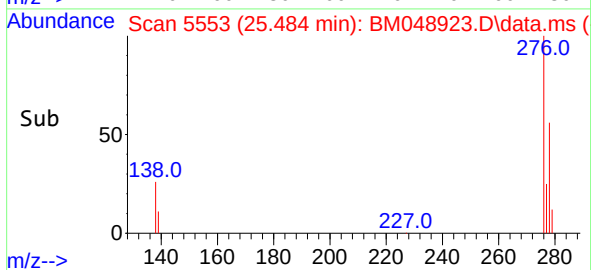
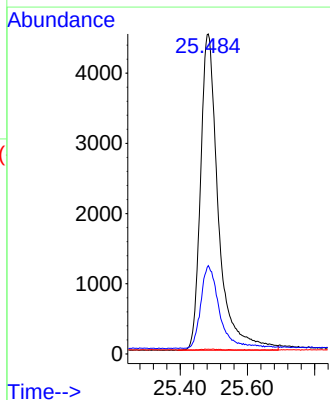
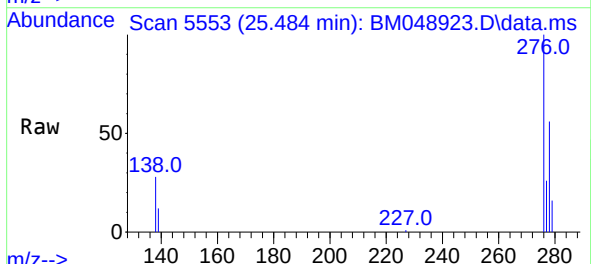
Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

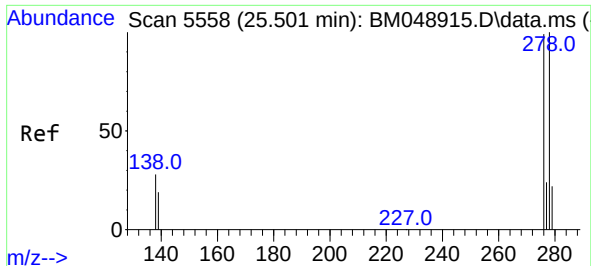
Tgt Ion:	252	Resp:	11536
Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.8	32.8
125	22.3	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng/ul
RT: 25.484 min Scan# 5553
Delta R.T. -0.007 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:	276	Resp:	16615
Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.1	33.1
227	0.0	0.2	0.2

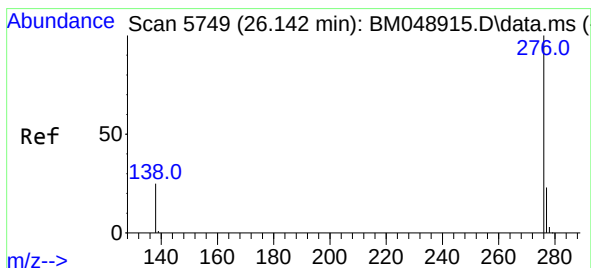
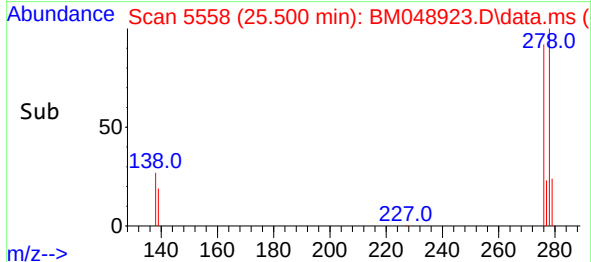
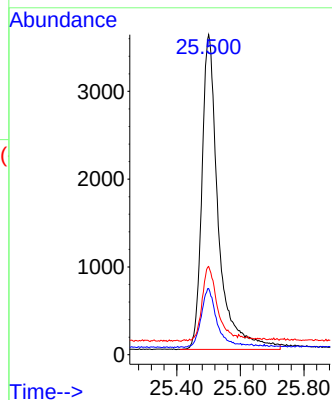
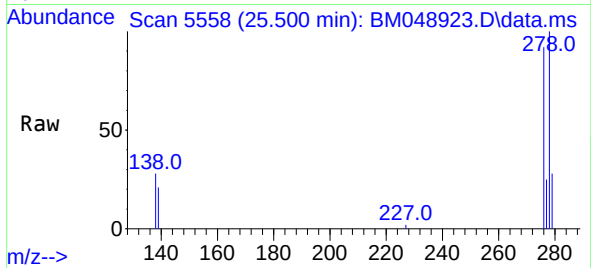




#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 25.500 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Instrument :
BNA_M
ClientSampleId :
BHJA2MSD

Tgt Ion:278 Resp: 12900
Ion Ratio Lower Upper
278 100
139 20.7 17.4 26.0
279 27.6 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.486 ng/ul
RT: 26.131 min Scan# 5746
Delta R.T. -0.014 min
Lab File: BM048923.D
Acq: 10 Dec 2024 14:57

Tgt Ion:276 Resp: 13818
Ion Ratio Lower Upper
276 100
138 24.2 19.8 29.6
277 25.0 19.6 29.4

