

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046005.D
 Acq On : 12 Jun 2024 20:39
 Operator : MA/JU
 Sample : P2659-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC25

Quant Time: Jun 13 01:18:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	146408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	626082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	400366	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	839994	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	690864	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	660147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	14788	3.916	ng/uL	0.00
4) Pyridine-d5	3.458	84	77145	7.934	ng/u1	0.00
7) Phenol-d5	6.687	99	311841	25.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	220791	24.721	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	245862	26.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	229719	24.447	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	124730	25.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	131029	26.448	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	237503	25.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	123344	9.593	ng/u1	0.01
46) Dimethylphthalate-d6	13.527	166	721016	26.013	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	840283	26.107	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	89709	14.997	ng/u1	0.00
60) Fluorene-d10	15.074	176	630334	26.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	67052	15.632	ng/u1	0.00
73) Anthracene-d10	16.921	188	991060	27.140	ng/u1	0.00
81) Pyrene-d10	19.227	212	1047070	24.371	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	595633	19.305	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.281	105	38355	2.449	ng/u1	90
30) Naphthalene	10.251	128	65041	1.948	ng/u1	99
36) 2-Methylnaphthalene	11.875	142	37601	1.701	ng/u1	97
37) 1-Methylnaphthalene	12.098	142	44422	2.009	ng/u1#	88
50) Acenaphthylene	13.798	152	551624	14.808	ng/u1	99
52) Acenaphthene	14.139	153	78050	3.140	ng/u1	96
56) Dibenzofuran	14.486	168	70870	2.114	ng/u1	98
61) Fluorene	15.133	166	165861	6.141	ng/u1	98
72) Phenanthrene	16.868	178	4357287	98.447	ng/u1	99
74) Anthracene	16.957	178	735761	16.643	ng/u1	99
77) Carbazole	17.245	167	331253	8.781	ng/u1	99
80) Fluoranthene	18.898	202	9313568	178.814	ng/u1	99
82) Pyrene	19.262	202	7019647	131.174	ng/u1	99
83) Butylbenzylphthalate	20.180	149	88873	4.075	ng/u1	92
85) Benzo(a)anthracene	21.027	228	3463581	72.608	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	20.968	149	334276	10.316	ng/u1	99
87) Chrysene	21.086	228	3680592	83.405	ng/u1	97
90) Benzo(b)fluoranthene	22.909	252	4173970	102.885	ng/u1	99
91) Benzo(k)fluoranthene	22.956	252	1380312	34.834	ng/u1	96
93) Benzo(a)pyrene	23.621	252	1776527	49.833	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	1536123	39.457	ng/u1	99
95) Dibenzo(a,h)anthracene	26.762	278	491521	15.963	ng/u1#	92
96) Benzo(g,h,i)perylene	27.644	276	200647	5.852	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046005.D
Acq On : 12 Jun 2024 20:39
Operator : MA/JU
Sample : P2659-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC25

Quant Time: Jun 13 01:18:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

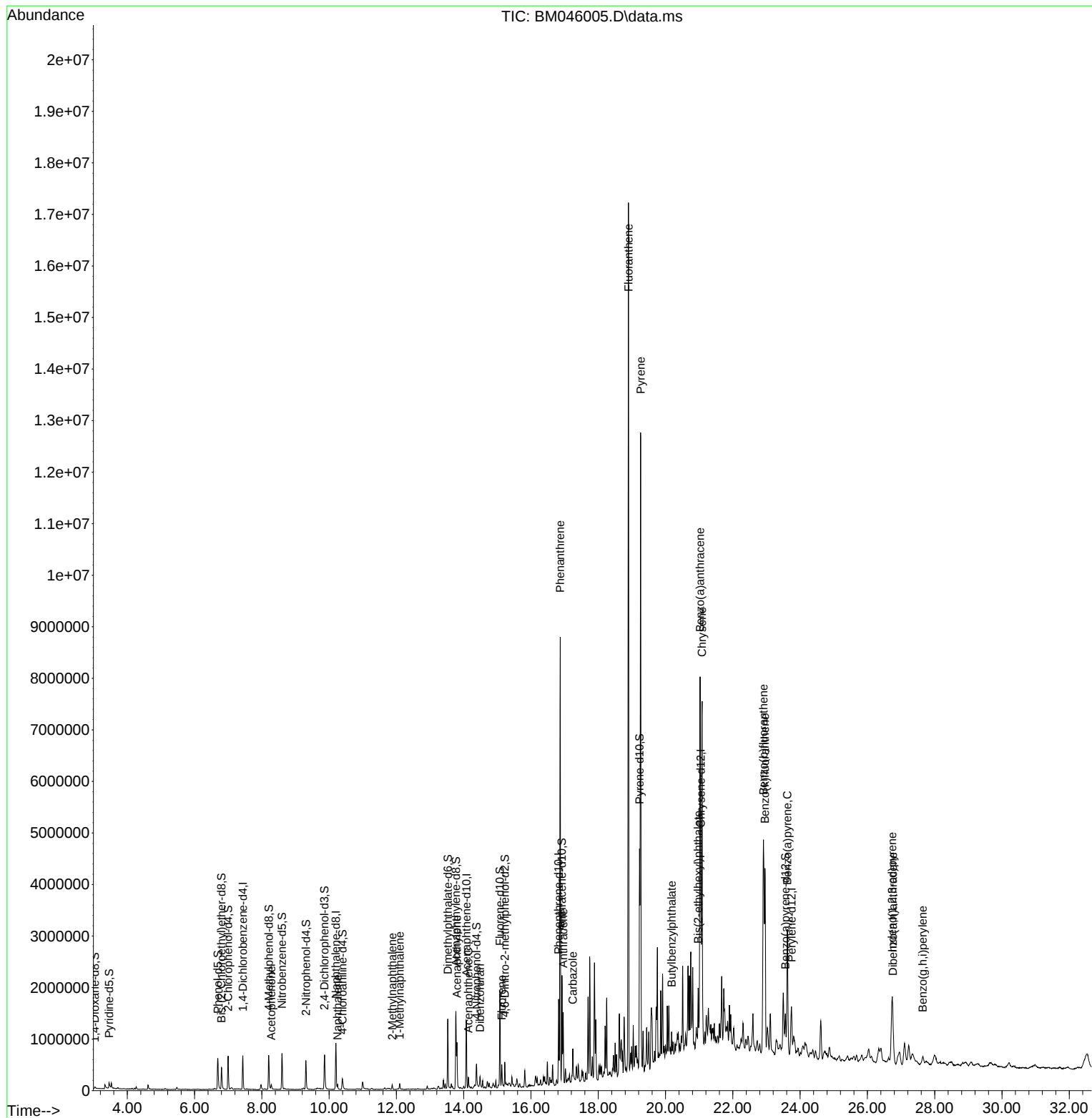
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

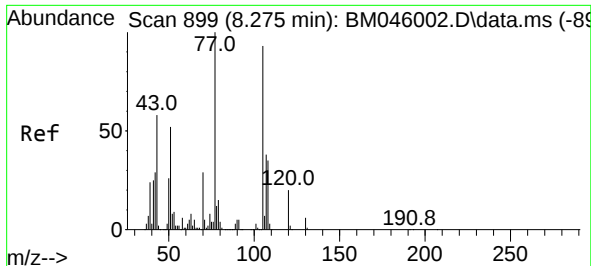
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046005.D
Acq On : 12 Jun 2024 20:39
Operator : MA/JU
Sample : P2659-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC25

Quant Time: Jun 13 01:18:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

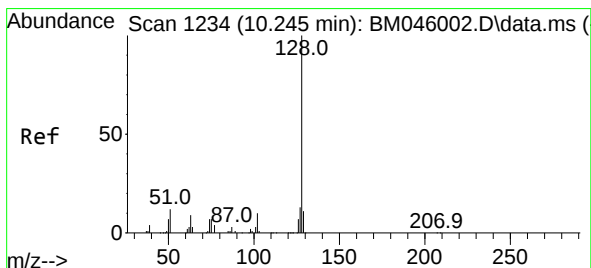
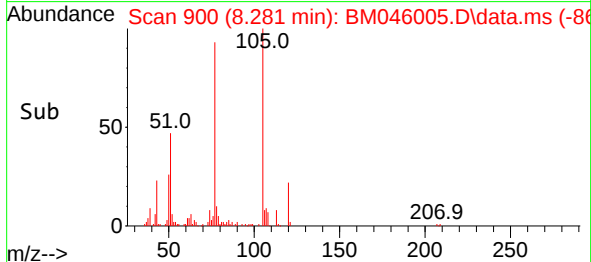
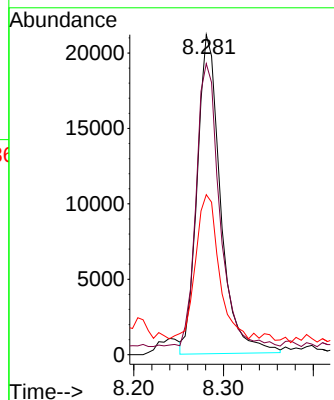
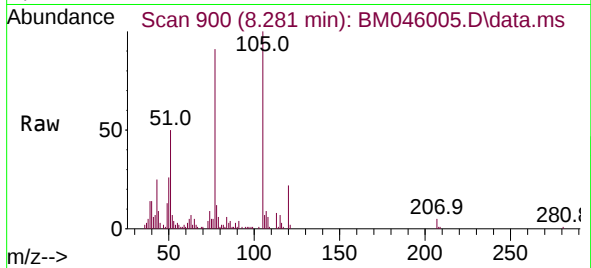




#16
Acetophenone
Concen: 2.449 ng/ul
RT: 8.281 min Scan# 900
Delta R.T. 0.006 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

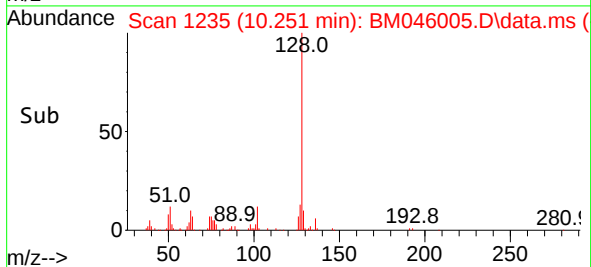
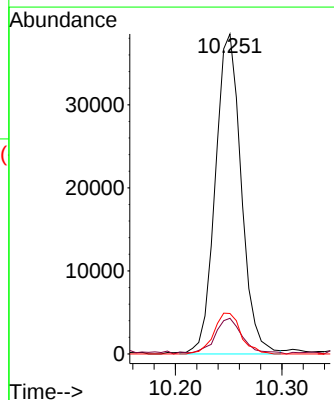
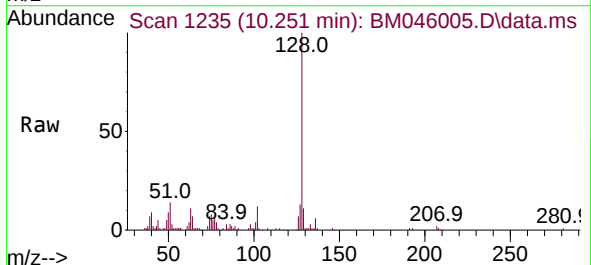
Instrument :
BNA_M
ClientSampleId :
BHC25

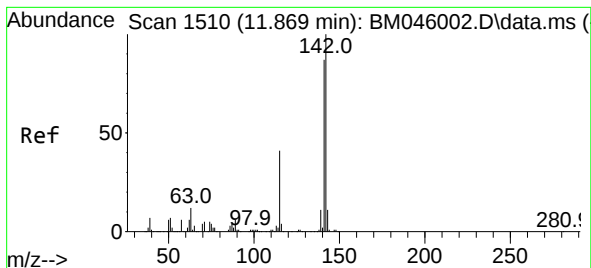
Tgt Ion:105 Resp: 38355
Ion Ratio Lower Upper
105 100
77 91.0 84.7 127.1
51 50.0 39.4 59.0



#30
Naphthalene
Concen: 1.948 ng/ul
RT: 10.251 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:128 Resp: 65041
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 12.7 10.3 15.5

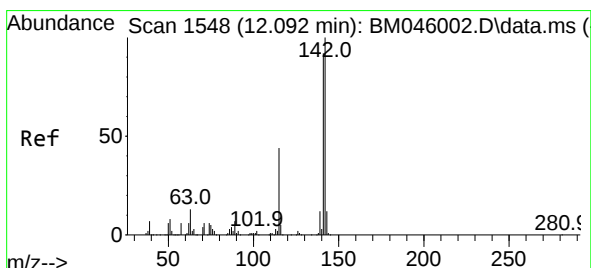
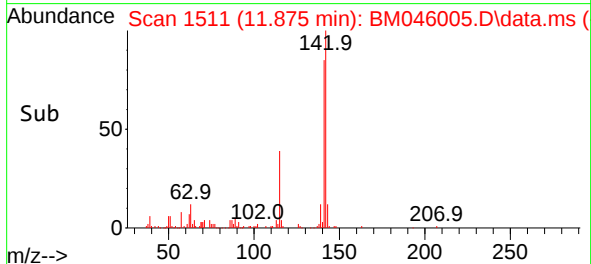
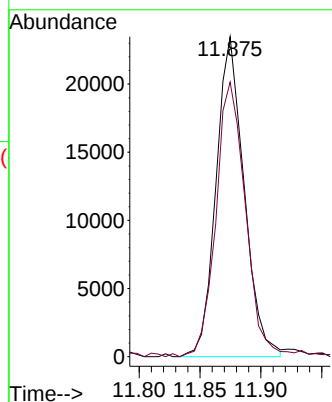
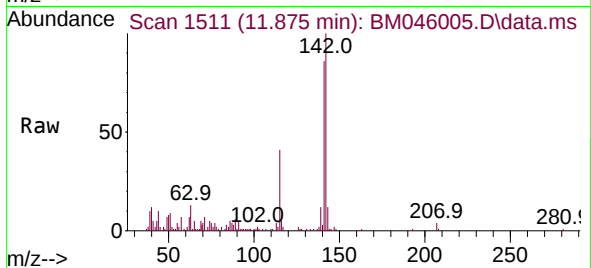




#36
2-Methylnaphthalene
Concen: 1.701 ng/ul
RT: 11.875 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

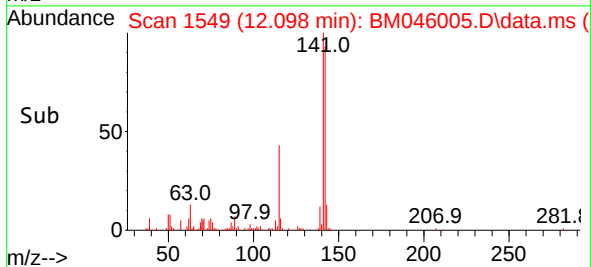
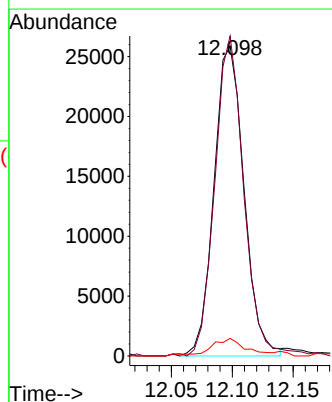
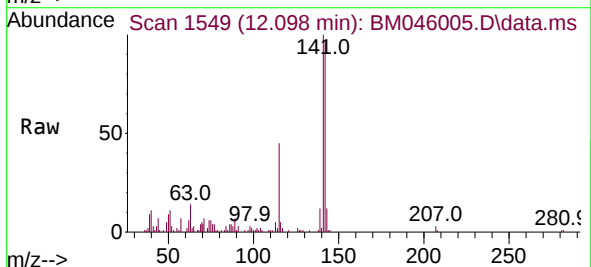
Instrument :
BNA_M
ClientSampleId :
BHC25

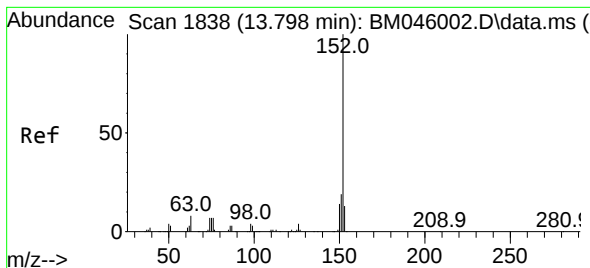
Tgt Ion:142 Resp: 37601
Ion Ratio Lower Upper
142 100
141 85.8 71.1 106.7



#37
1-Methylnaphthalene
Concen: 2.009 ng/ul
RT: 12.098 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:142 Resp: 44422
Ion Ratio Lower Upper
142 100
141 103.2 73.5 110.3
116 5.7 3.3 4.9#





#50

Acenaphthylene

Concen: 14.808 ng/ul

RT: 13.798 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

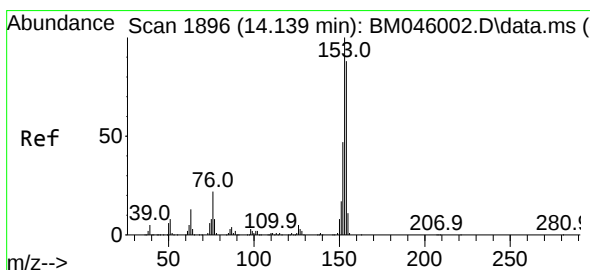
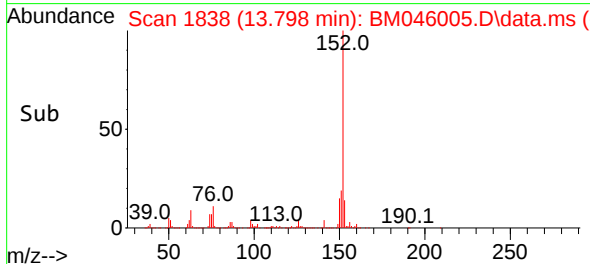
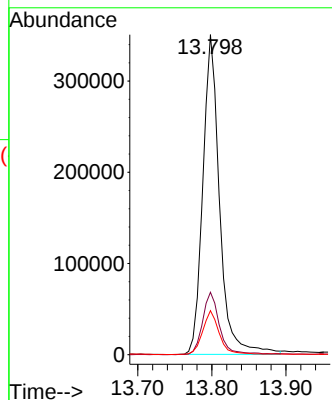
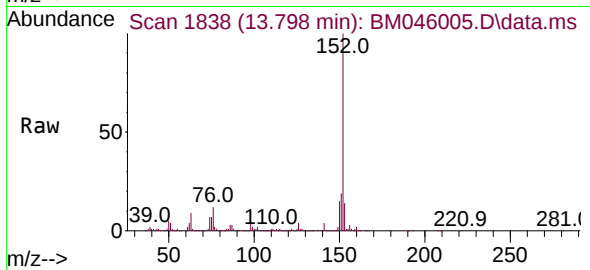
Tgt Ion:152 Resp: 551624

Ion Ratio Lower Upper

152 100

151 19.5 15.6 23.4

153 13.8 10.4 15.6



#52

Acenaphthene

Concen: 3.140 ng/ul

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

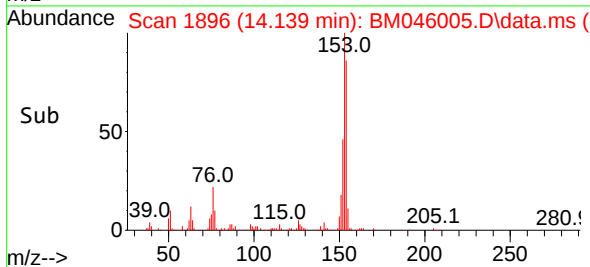
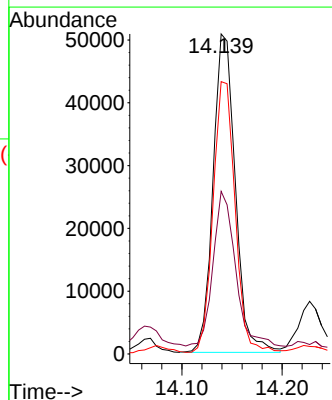
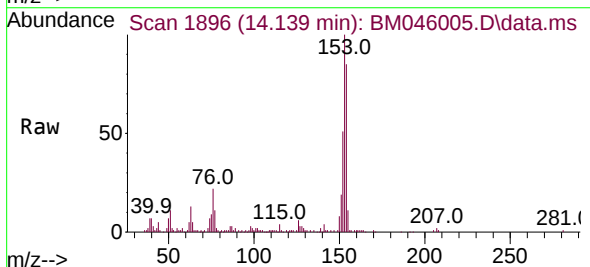
Tgt Ion:153 Resp: 78050

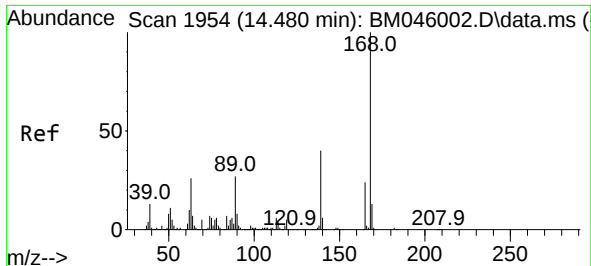
Ion Ratio Lower Upper

153 100

152 50.8 38.6 58.0

154 85.1 70.7 106.1

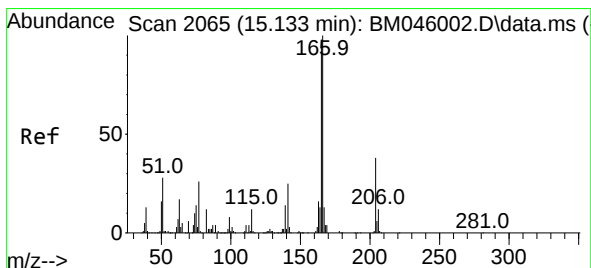
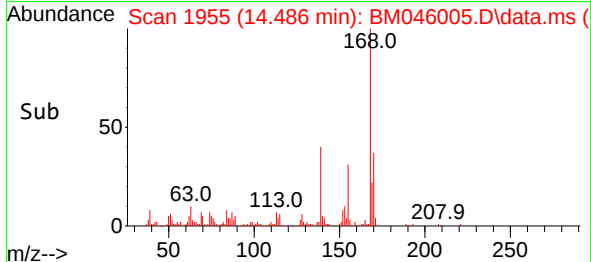
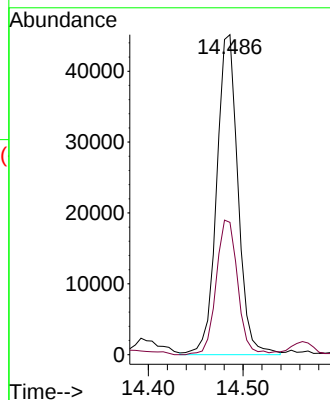
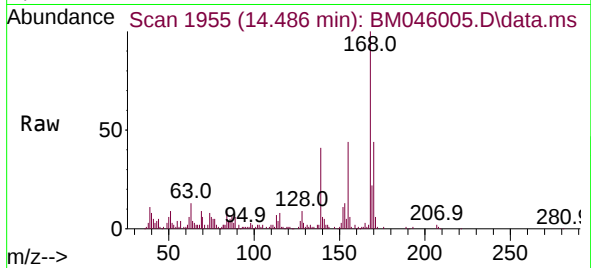




#56
Dibenzenofuran
Concen: 2.114 ng/ul
RT: 14.486 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

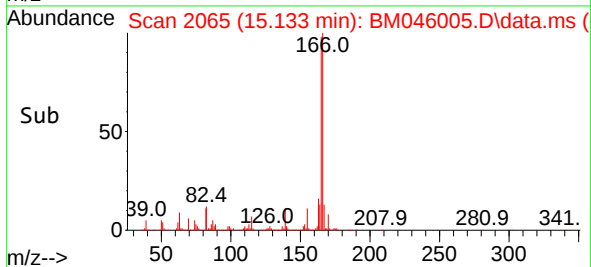
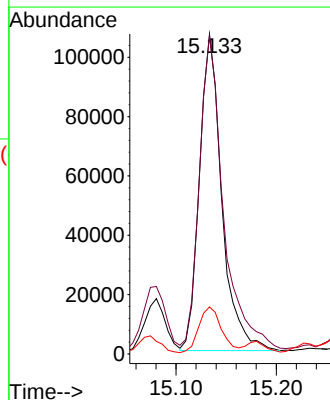
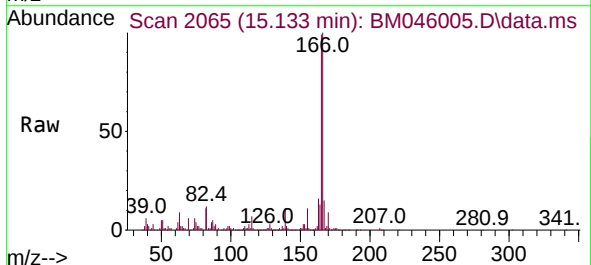
Instrument :
BNA_M
ClientSampleId :
BHC25

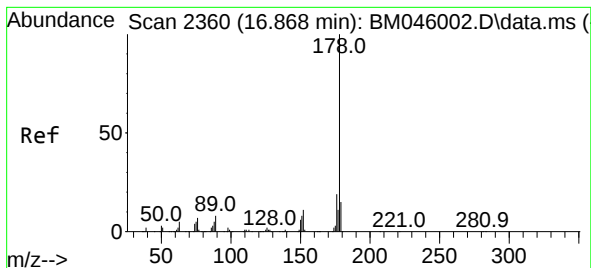
Tgt Ion:168 Resp: 70870
Ion Ratio Lower Upper
168 100
139 41.3 32.2 48.2



#61
Fluorene
Concen: 6.141 ng/ul
RT: 15.133 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:166 Resp: 165861
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 14.7 10.6 16.0





#72

Phenanthrene

Concen: 98.447 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

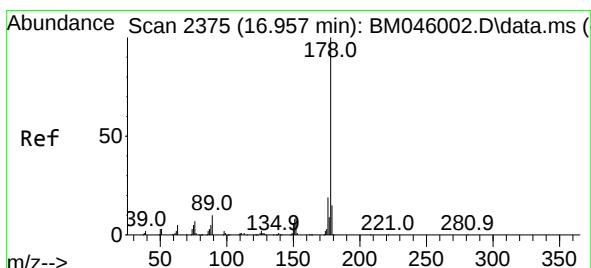
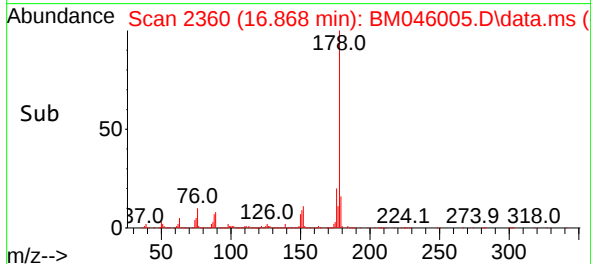
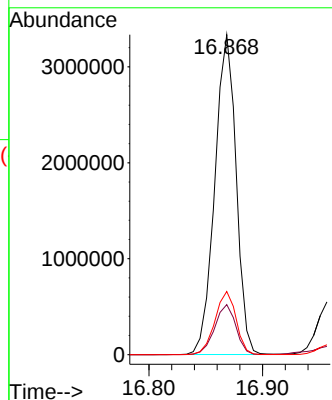
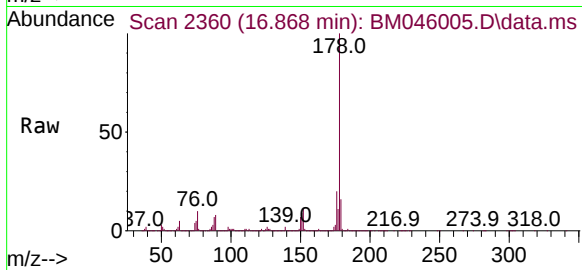
Tgt Ion:178 Resp: 4357287

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.7 15.3 22.9



#74

Anthracene

Concen: 16.643 ng/ul

RT: 16.957 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

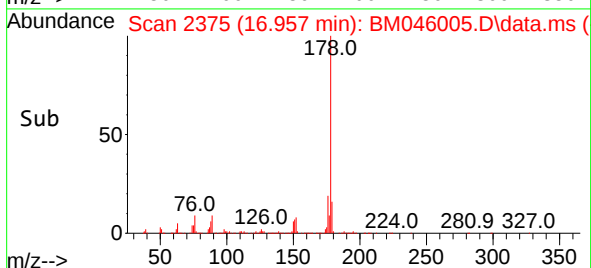
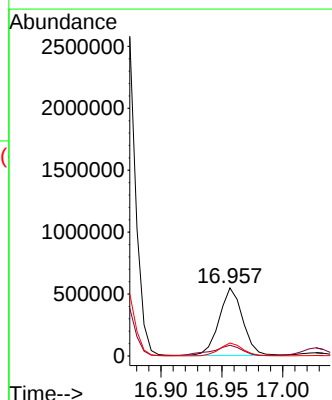
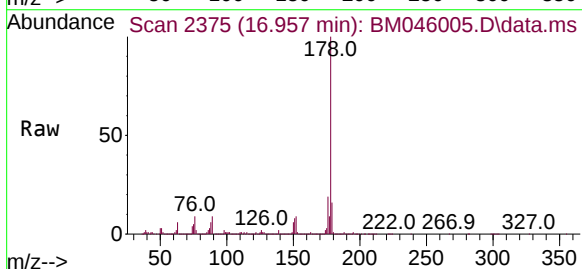
Tgt Ion:178 Resp: 735761

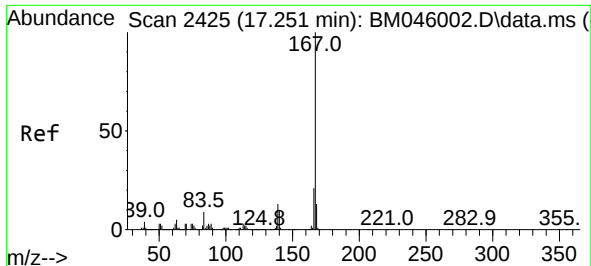
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 19.0 15.0 22.6

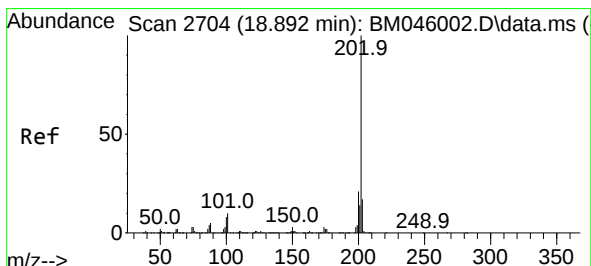
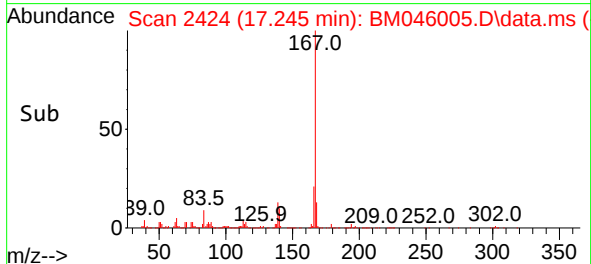
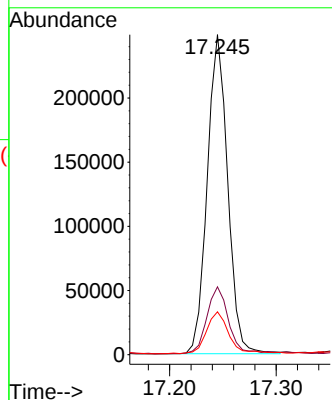
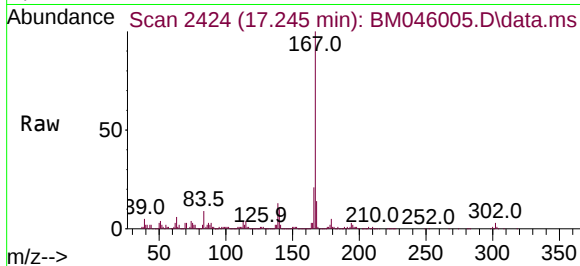




#77
 Carbazole
 Concen: 8.781 ng/ul
 RT: 17.245 min Scan# 2425
 Delta R.T. -0.012 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39

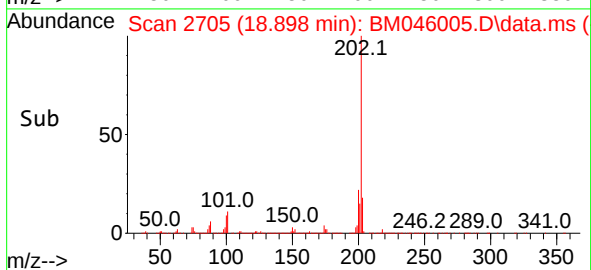
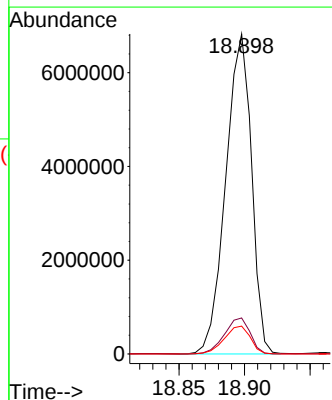
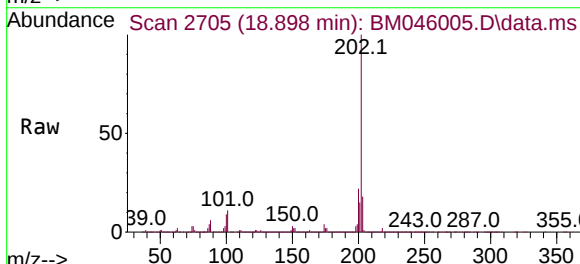
Instrument :
 BNA_M
 ClientSampleId :
 BHC25

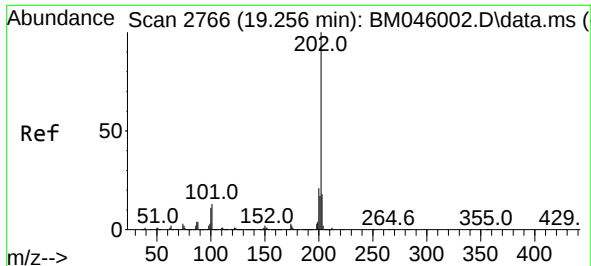
Tgt Ion:167 Resp: 331253
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 24.8
 139 13.4 10.6 16.0



#80
 Fluoranthene
 Concen: 178.814 ng/ul
 RT: 18.898 min Scan# 2705
 Delta R.T. 0.006 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39

Tgt Ion:202 Resp: 9313568
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.9 13.3
 100 8.7 6.6 10.0

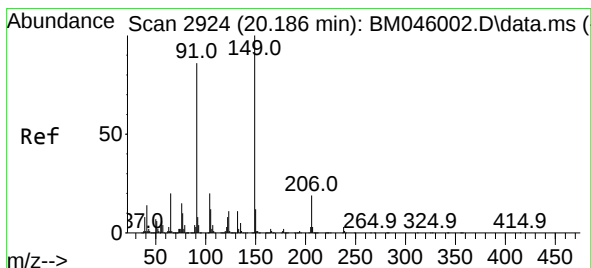
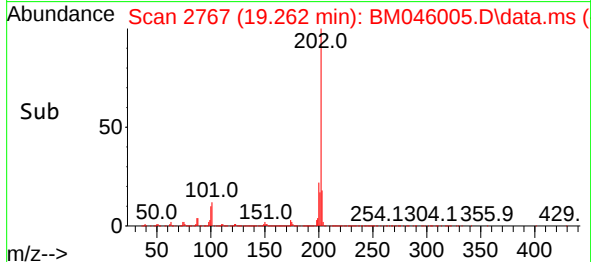
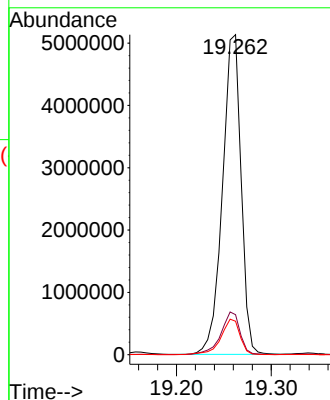
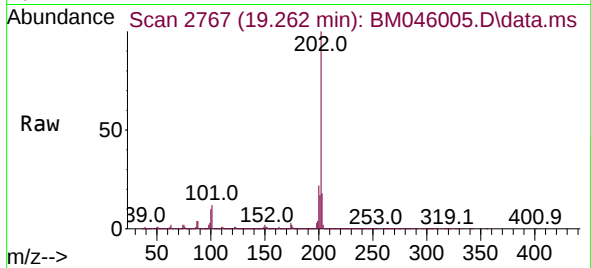




#82
 Pyrene
 Concen: 131.174 ng/ul
 RT: 19.262 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39

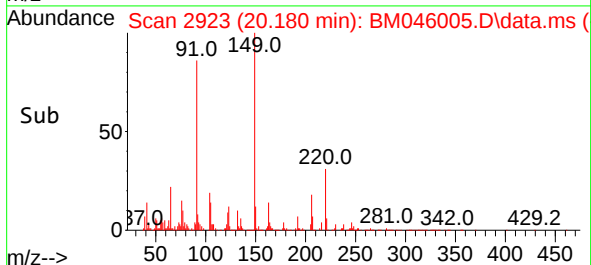
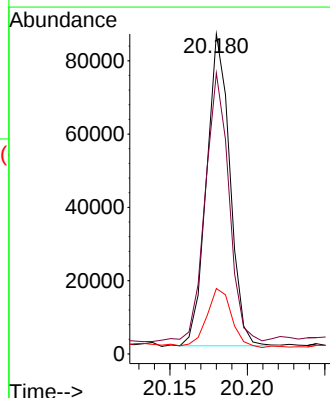
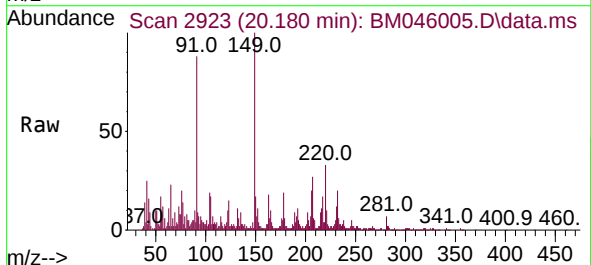
Instrument :
 BNA_M
 ClientSampleId :
 BHC25

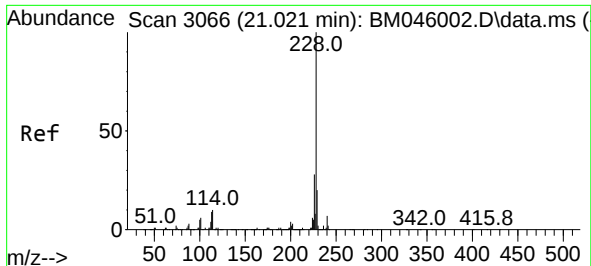
Tgt Ion:202 Resp: 7019647
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.5 15.7
 100 10.4 8.6 12.8



#83
 Butylbenzylphthalate
 Concen: 4.075 ng/ul
 RT: 20.180 min Scan# 2923
 Delta R.T. -0.006 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39

Tgt Ion:149 Resp: 88873
 Ion Ratio Lower Upper
 149 100
 91 87.8 63.7 95.5
 206 20.4 15.9 23.9

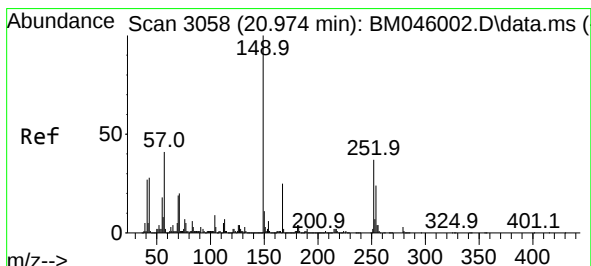
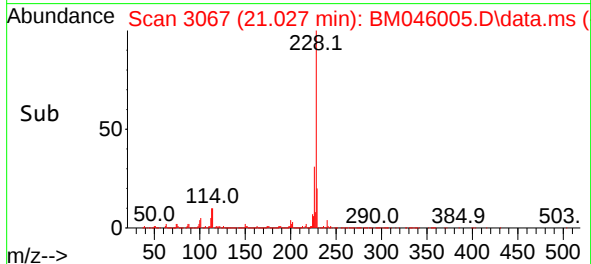
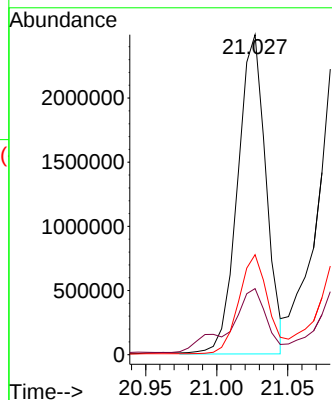
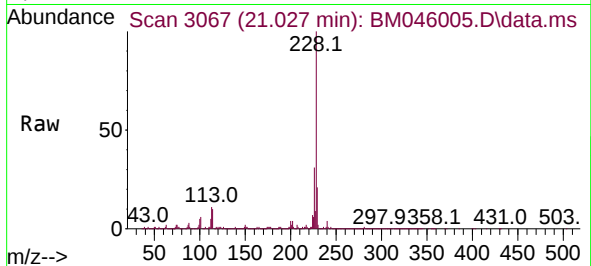




#85
Benzo(a)anthracene
Concen: 72.608 ng/ul
RT: 21.027 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

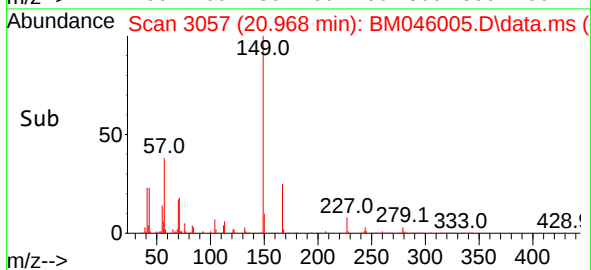
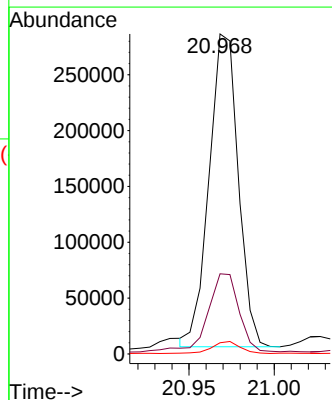
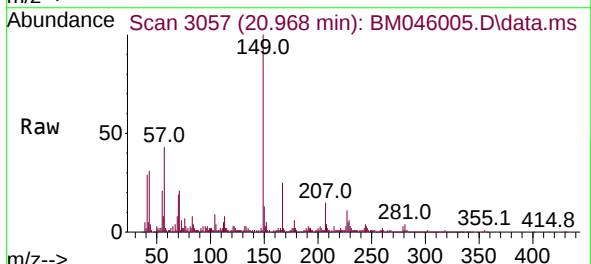
Instrument :
BNA_M
ClientSampleId :
BHC25

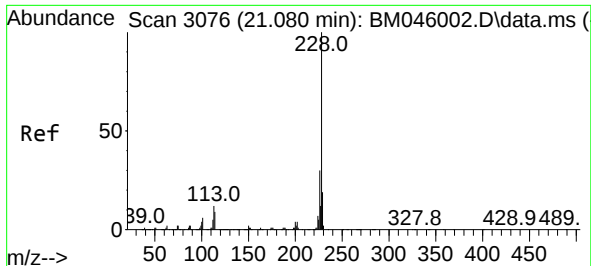
Tgt Ion:228 Resp: 3463581
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 31.3 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 10.316 ng/ul
RT: 20.968 min Scan# 3057
Delta R.T. -0.012 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:149 Resp: 334276
Ion Ratio Lower Upper
149 100
167 25.0 20.4 30.6
279 3.5 3.1 4.7

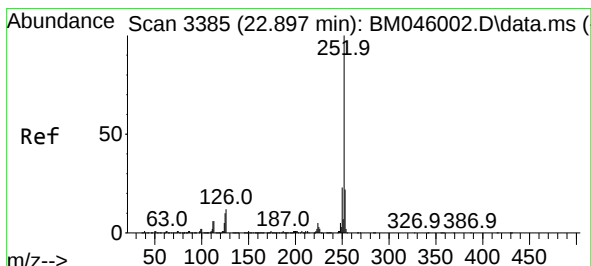
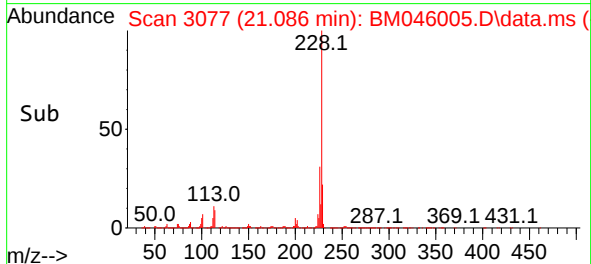
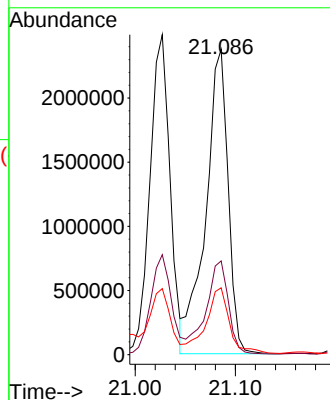
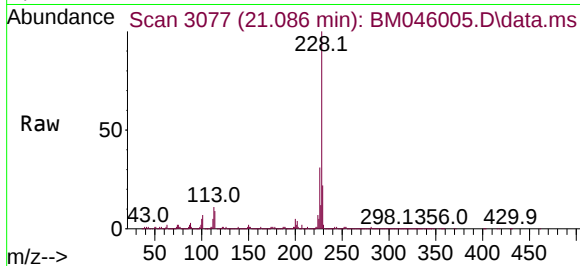




#87
Chrysene
Concen: 83.405 ng/u1
RT: 21.086 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

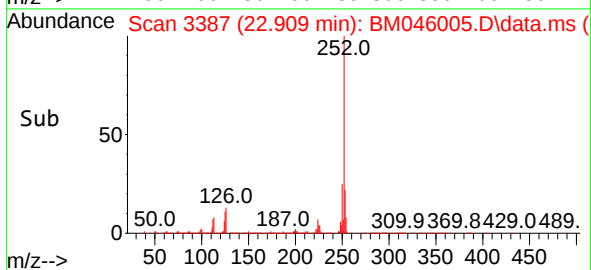
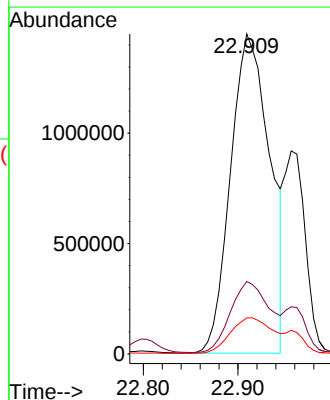
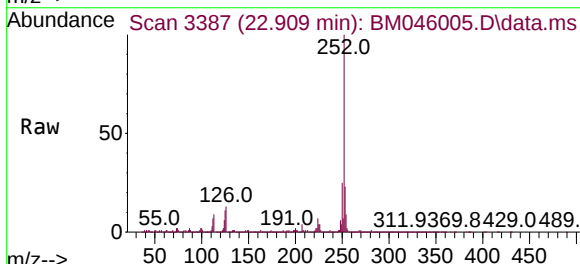
Instrument :
BNA_M
ClientSampleId :
BHC25

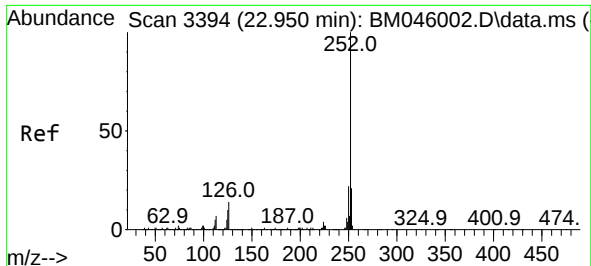
Tgt Ion:228 Resp: 3680592
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.9 15.2 22.8



#90
Benzo(b)fluoranthene
Concen: 102.885 ng/u1
RT: 22.909 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:252 Resp: 4173970
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.2 8.4 12.6

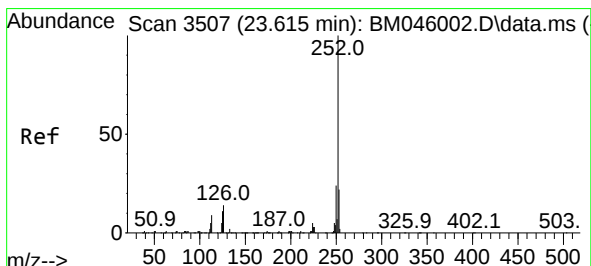
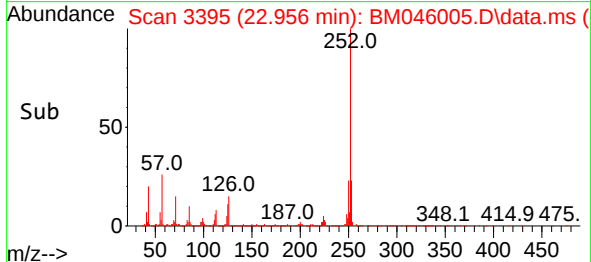
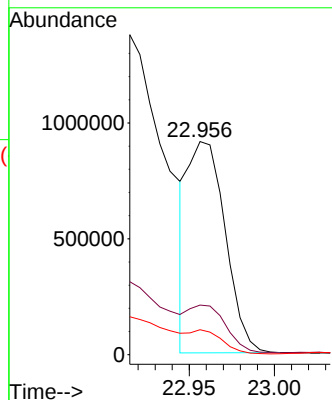
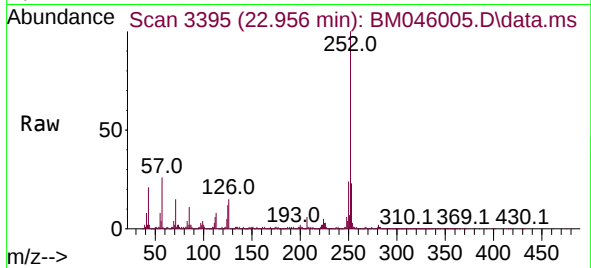




#91
Benzo(k)fluoranthene
Concen: 34.834 ng/u1
RT: 22.956 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

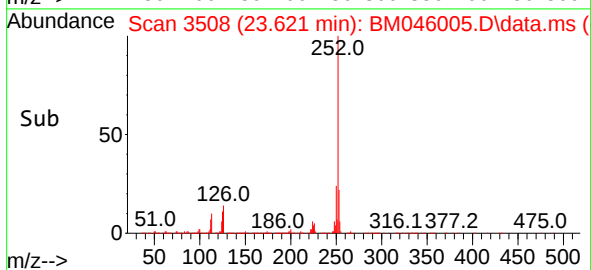
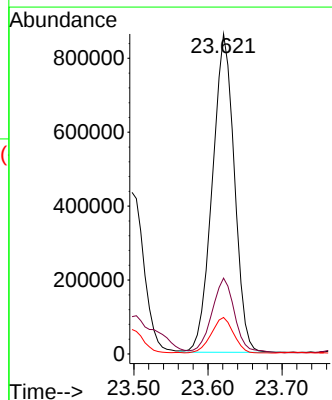
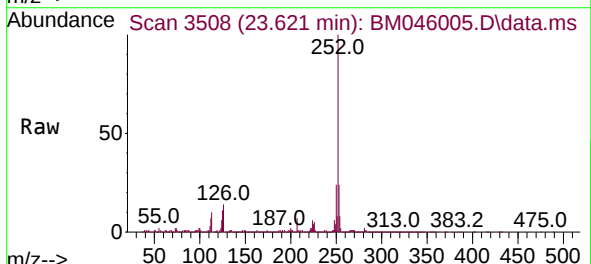
Instrument :
BNA_M
ClientSampleId :
BHC25

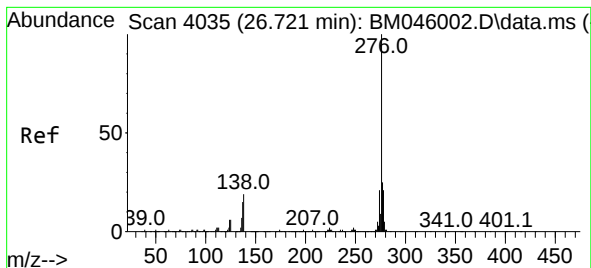
Tgt Ion:252 Resp: 1380312
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 11.7 8.2 12.4



#93
Benzo(a)pyrene
Concen: 49.833 ng/u1
RT: 23.621 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM046005.D
Acq: 12 Jun 2024 20:39

Tgt Ion:252 Resp: 1776527
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.4 9.3 13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 39.457 ng/ul

RT: 26.738 min Scan# 4038

Delta R.T. 0.012 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

Instrument :

BNA_M

ClientSampleId :

BHC25

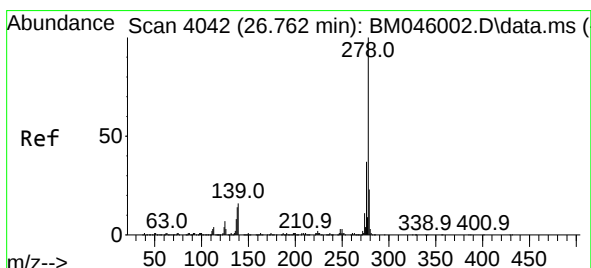
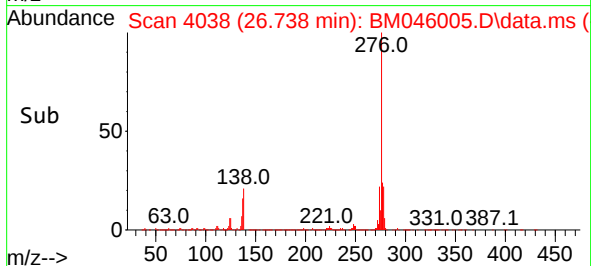
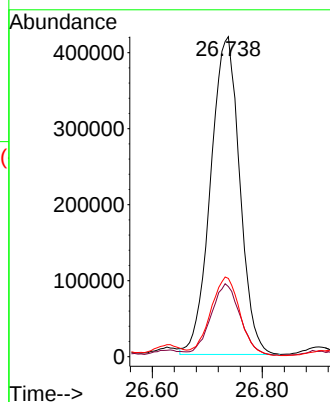
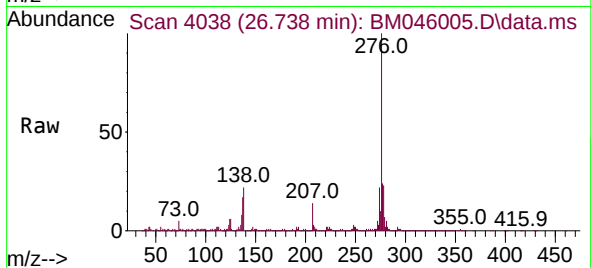
Tgt Ion:276 Resp: 1536123

Ion Ratio Lower Upper

276 100

138 21.9 17.9 26.9

277 24.4 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 15.963 ng/ul

RT: 26.762 min Scan# 4042

Delta R.T. -0.012 min

Lab File: BM046005.D

Acq: 12 Jun 2024 20:39

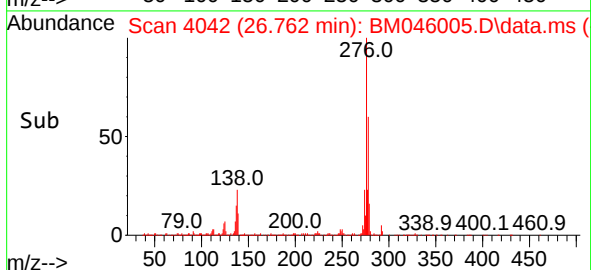
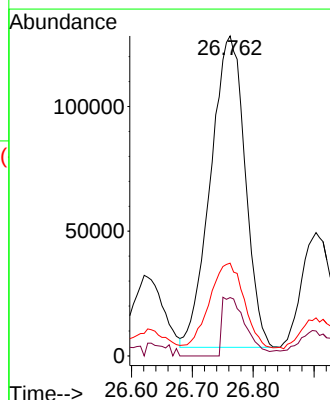
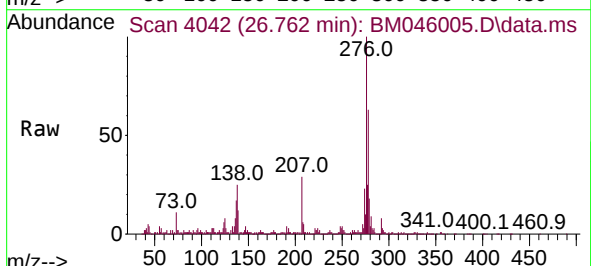
Tgt Ion:278 Resp: 491521

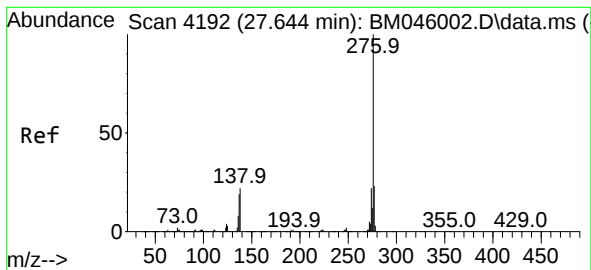
Ion Ratio Lower Upper

278 100

139 18.2 13.2 19.8

279 29.0 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 5.852 ng/ul
 RT: 27.644 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM046005.D
 Acq: 12 Jun 2024 20:39

Instrument :
 BNA_M
 ClientSampleId :
 BHC25

Tgt Ion:276 Resp: 200647

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.6	27.8
277	25.8	18.7	28.1

