

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046358.D
 Acq On : 28 Jun 2024 18:43
 Operator : MA/JU
 Sample : P3076-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-E-1

Quant Time: Jun 28 23:02:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

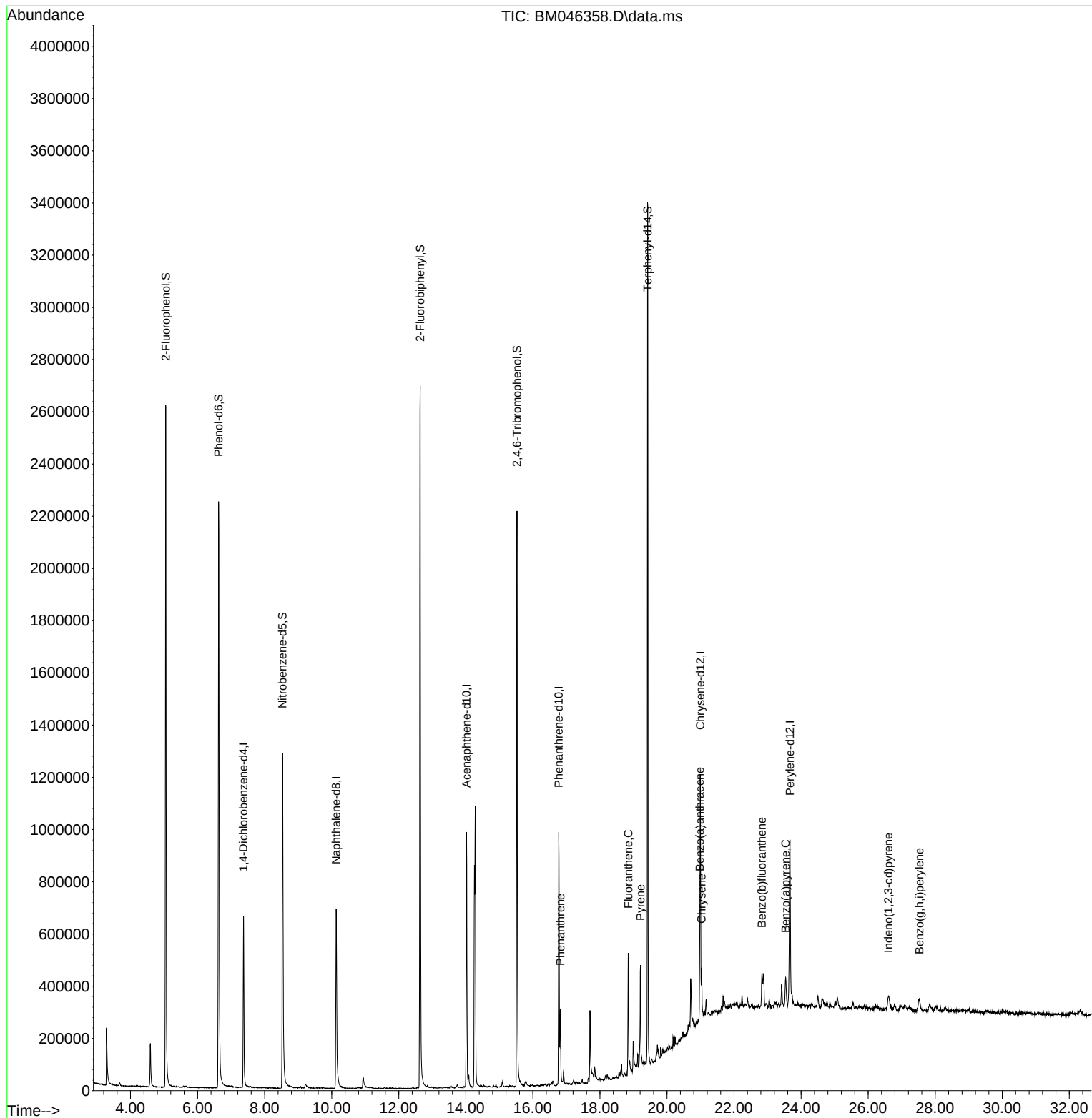
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	155492	20.000	ng	0.00
21) Naphthalene-d8	10.133	136	621505	20.000	ng	0.00
39) Acenaphthene-d10	14.021	164	332974	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	547699	20.000	ng	0.00
76) Chrysene-d12	20.992	240	397946	20.000	ng	0.00
86) Perylene-d12	23.668	264	502454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	972600	100.544	ng	0.00
7) Phenol-d6	6.628	99	1198812	87.237	ng	0.00
23) Nitrobenzene-d5	8.534	82	842919	56.225	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	314674	77.709	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	1413857	57.551	ng	0.00
79) Terphenyl-d14	19.427	244	1327934	55.210	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.821	178	157264	5.396	ng	99
75) Fluoranthene	18.845	202	253552	7.362	ng	99
78) Pyrene	19.209	202	216835	7.844	ng	98
81) Benzo(a)anthracene	20.980	228	93042	3.564	ng	98
83) Chrysene	21.033	228	92760	3.715	ng	97
87) Indeno(1,2,3-cd)pyrene	26.603	276	66215	2.055	ng	96
88) Benzo(b)fluoranthene	22.833	252	128644	4.323	ng	# 93
90) Benzo(a)pyrene	23.538	252	94994	3.634	ng	94
92) Benzo(g,h,i)perylene	27.526	276	69438	2.605	ng	99

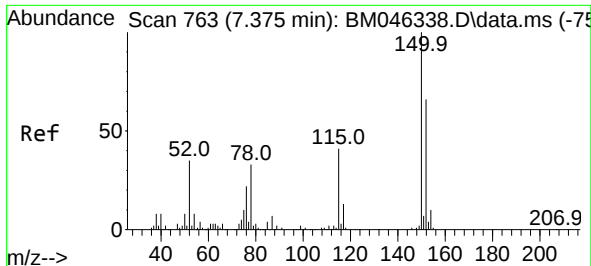
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046358.D
Acq On : 28 Jun 2024 18:43
Operator : MA/JU
Sample : P3076-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
7-E-1

Quant Time: Jun 28 23:02:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

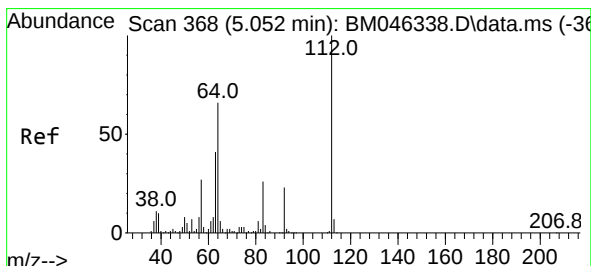
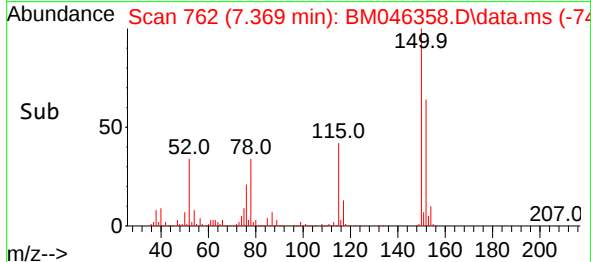
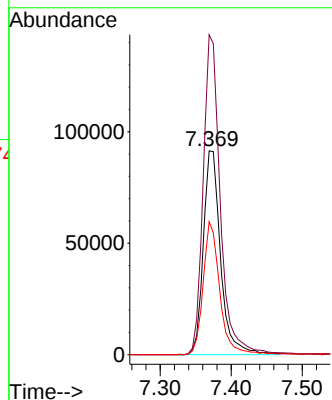
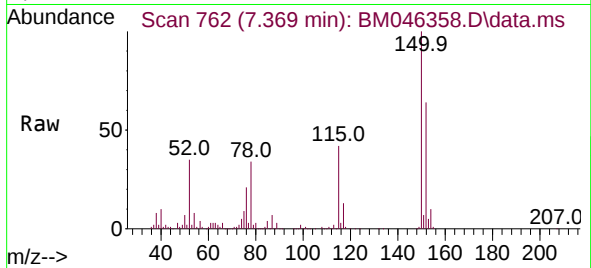




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

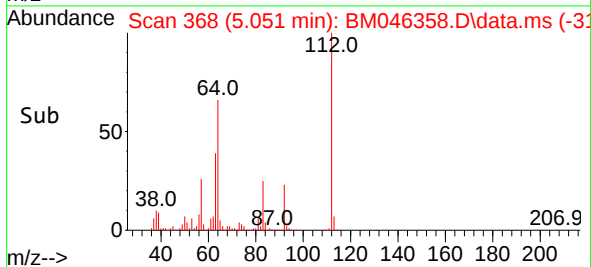
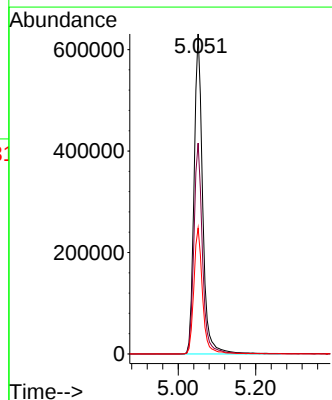
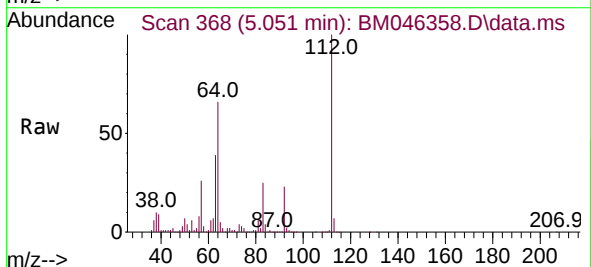
Instrument :
BNA_M
ClientSampleId :
7-E-1

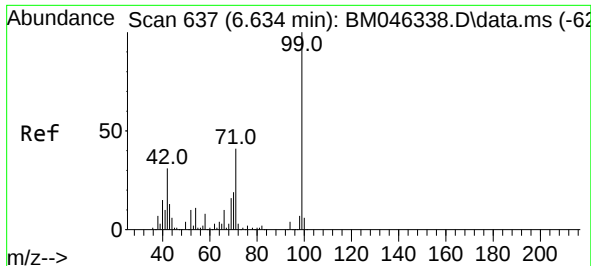
Tgt Ion:152 Resp: 155492
Ion Ratio Lower Upper
152 100
150 156.9 122.1 183.1
115 65.2 50.2 75.4



#5
2-Fluorophenol
Concen: 100.544 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

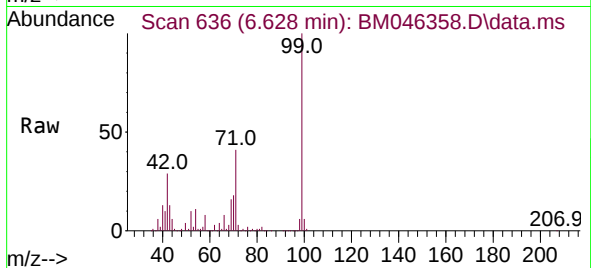
Tgt Ion:112 Resp: 972600
Ion Ratio Lower Upper
112 100
64 65.9 52.8 79.2
63 39.4 32.9 49.3





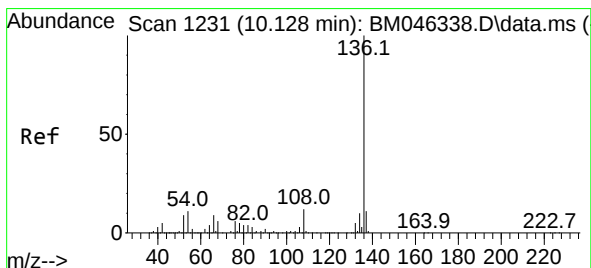
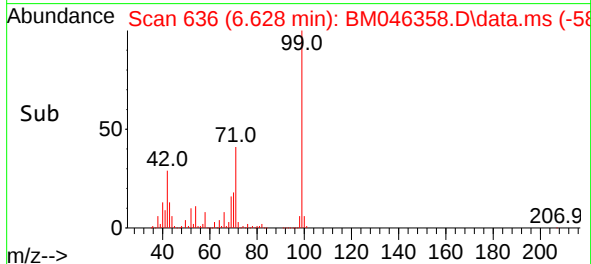
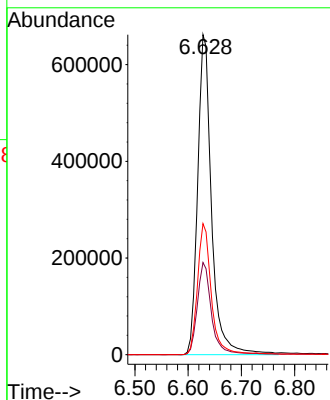
#7
Phenol-d6
Concen: 87.237 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Instrument :
BNA_M
ClientSampleId :
7-E-1



Tgt Ion: 99 Resp: 1198812

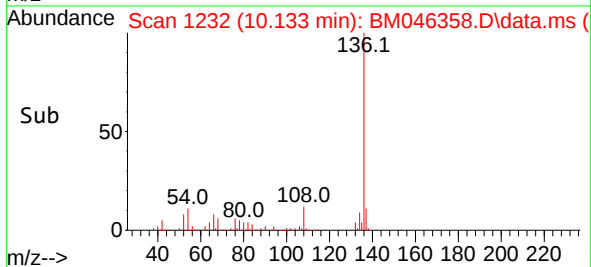
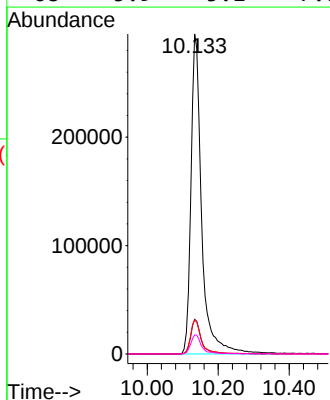
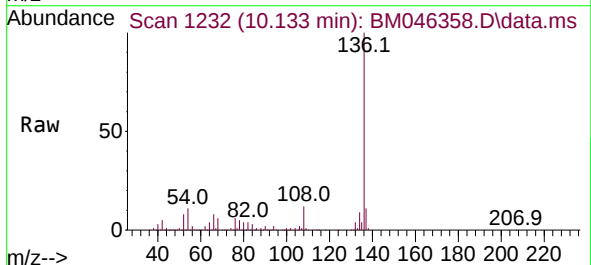
Ion	Ratio	Lower	Upper
99	100		
42	28.8	24.8	37.2
71	40.9	33.1	49.7

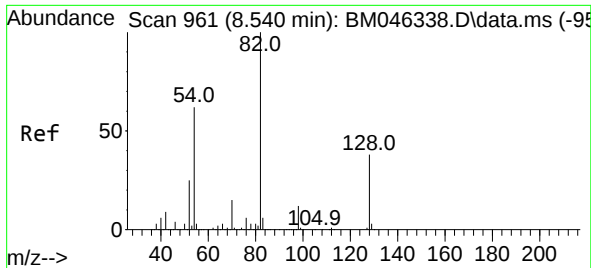


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.133 min Scan# 1232
Delta R.T. 0.005 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Tgt Ion: 136 Resp: 621505

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.5	9.0	13.4
68	5.9	5.1	7.7

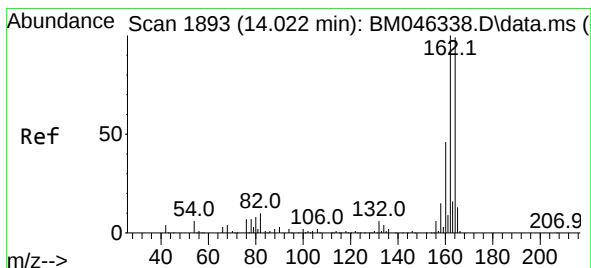
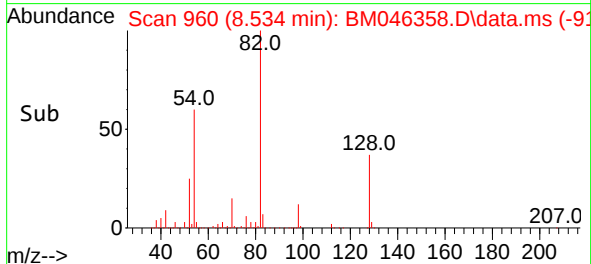
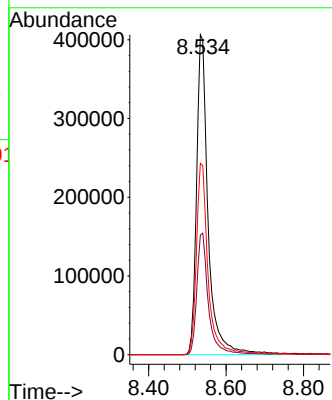
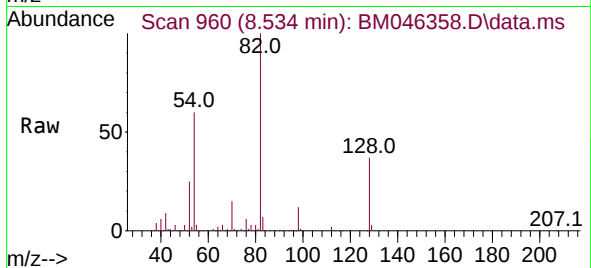




#23
Nitrobenzene-d5
Concen: 56.225 ng
RT: 8.534 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

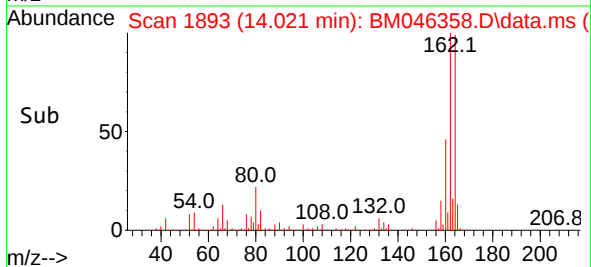
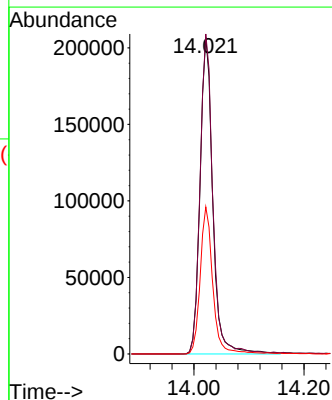
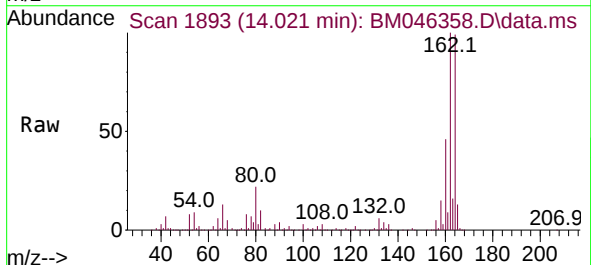
Instrument :
BNA_M
ClientSampleId :
7-E-1

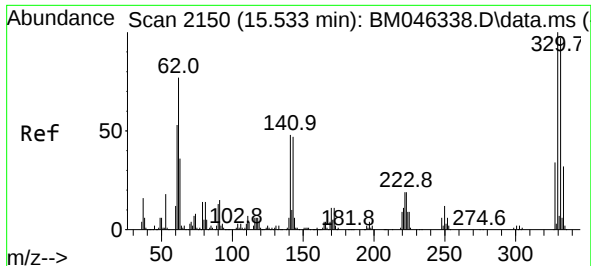
Tgt Ion: 82 Resp: 842919
Ion Ratio Lower Upper
82 100
128 37.4 30.6 46.0
54 59.8 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.001 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Tgt Ion: 164 Resp: 332974
Ion Ratio Lower Upper
164 100
162 101.1 80.5 120.7
160 46.4 37.0 55.6

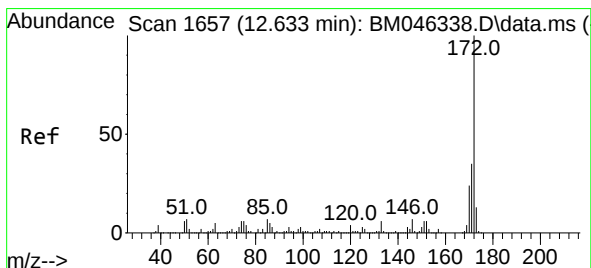
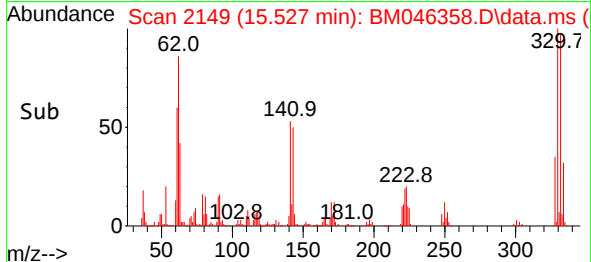
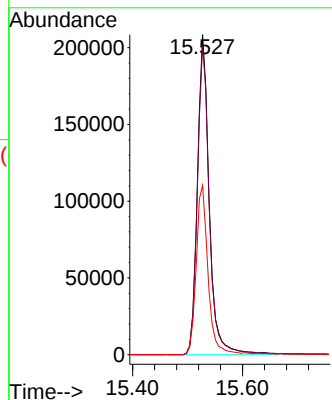
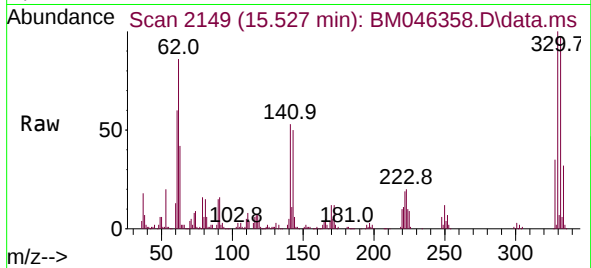




#42
2,4,6-Tribromophenol
Concen: 77.709 ng
RT: 15.527 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

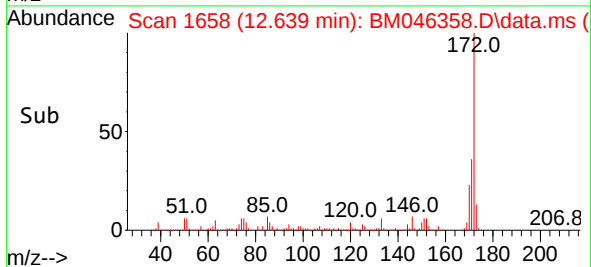
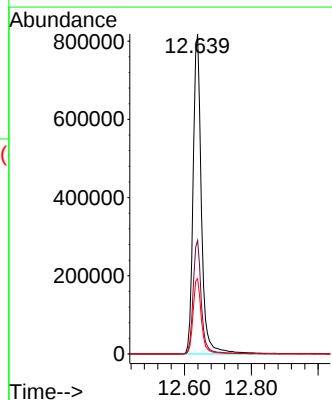
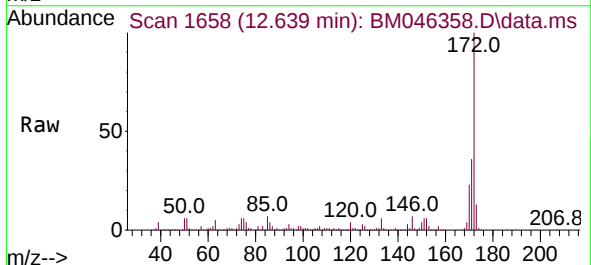
Instrument :
BNA_M
ClientSampleId :
7-E-1

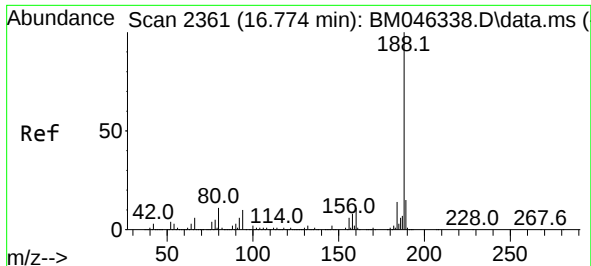
Tgt Ion:330 Resp: 314674
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.6
141 52.3 43.2 64.8



#45
2-Fluorobiphenyl
Concen: 57.551 ng
RT: 12.639 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Tgt Ion:172 Resp: 1413857
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 19.4 29.0

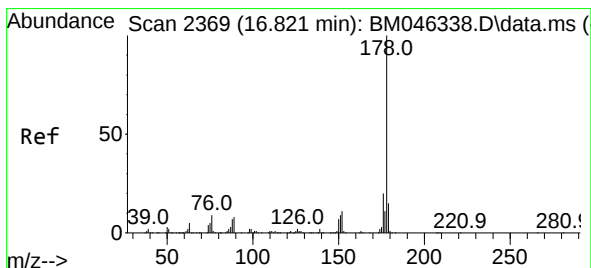
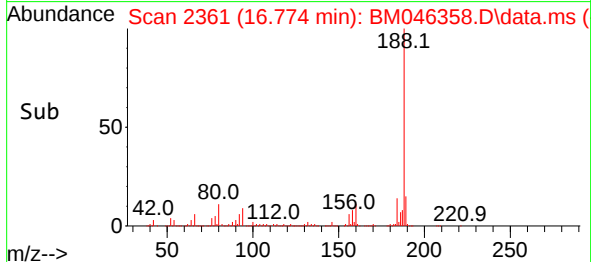
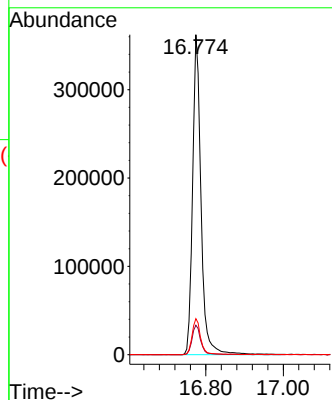
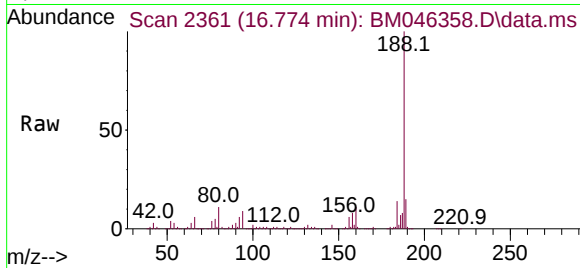




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

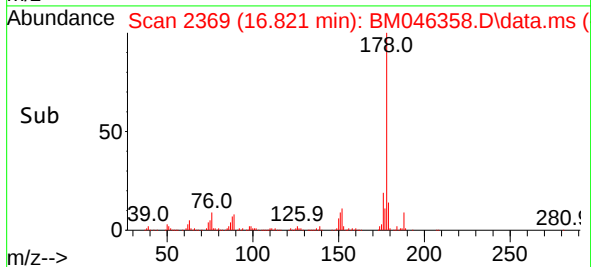
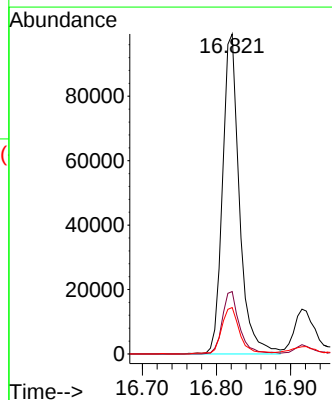
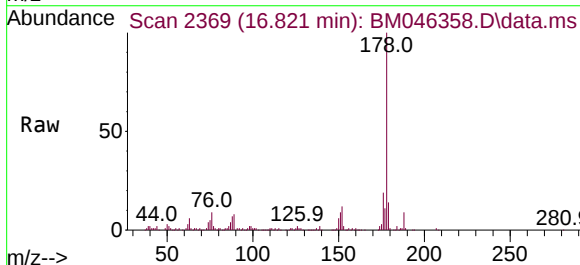
Instrument :
BNA_M
ClientSampleId :
7-E-1

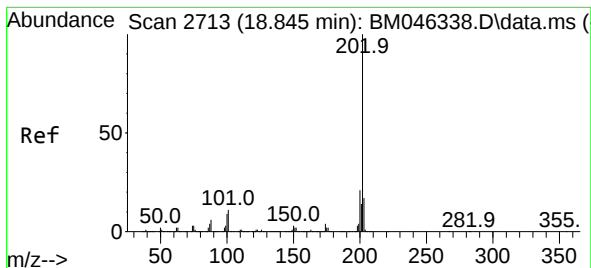
Tgt Ion:188 Resp: 547699
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 11.2 9.0 13.6



#71
Phenanthrene
Concen: 5.396 ng
RT: 16.821 min Scan# 2369
Delta R.T. -0.000 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Tgt Ion:178 Resp: 157264
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 14.5 12.2 18.4





#75

Fluoranthene

Concen: 7.362 ng

RT: 18.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

Instrument :

BNA_M

ClientSampleId :

7-E-1

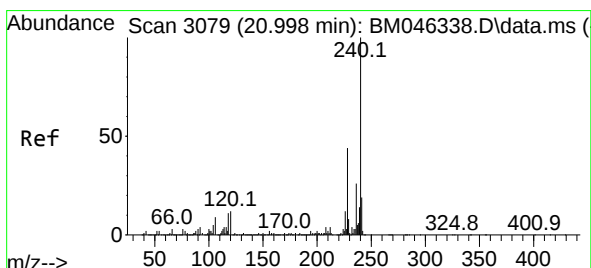
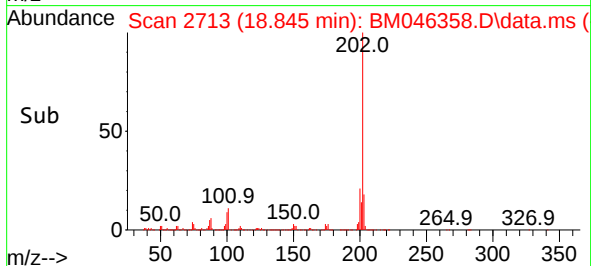
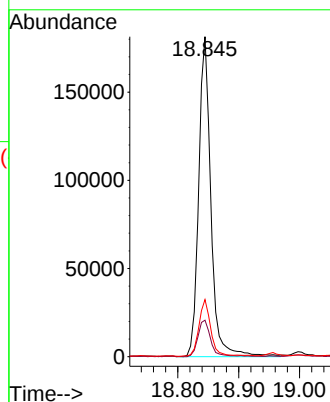
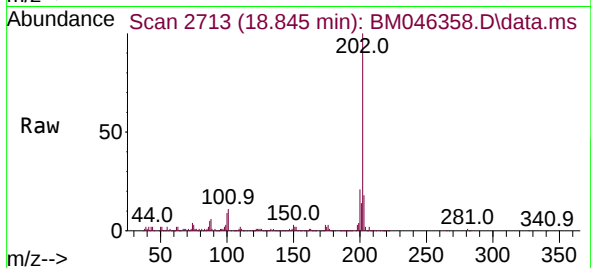
Tgt Ion:202 Resp: 253552

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.8 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.992 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

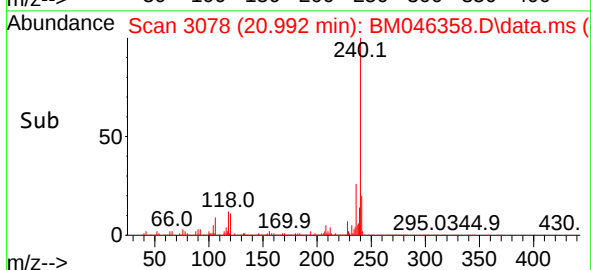
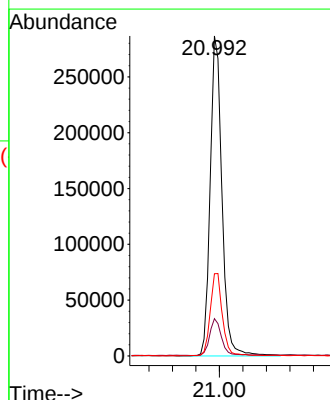
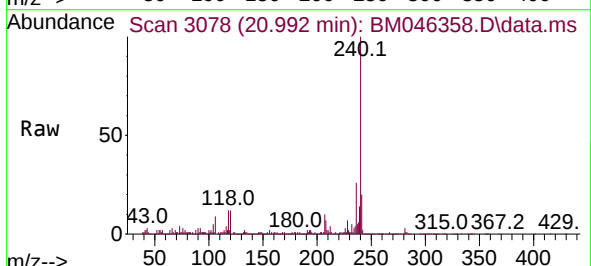
Tgt Ion:240 Resp: 397946

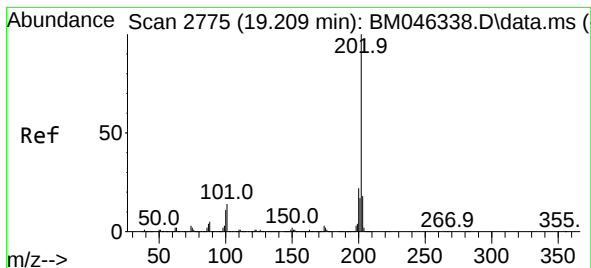
Ion Ratio Lower Upper

240 100

120 11.6 9.3 13.9

236 25.7 20.5 30.7





#78

Pyrene

Concen: 7.844 ng

RT: 19.209 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

Instrument :

BNA_M

ClientSampleId :

7-E-1

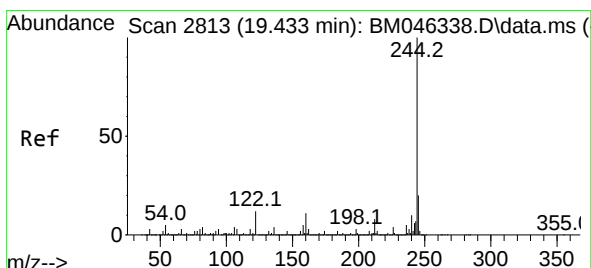
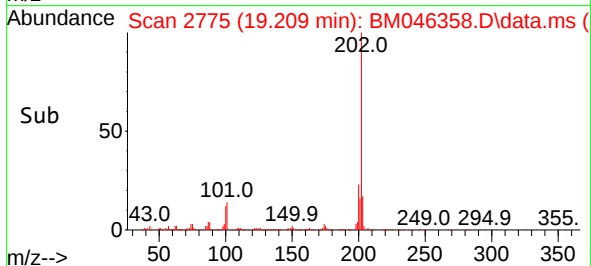
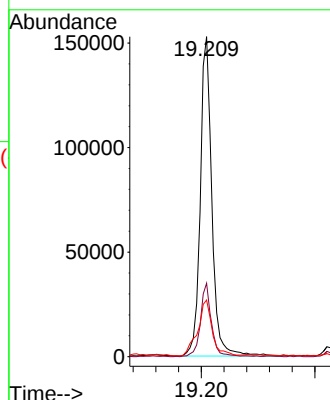
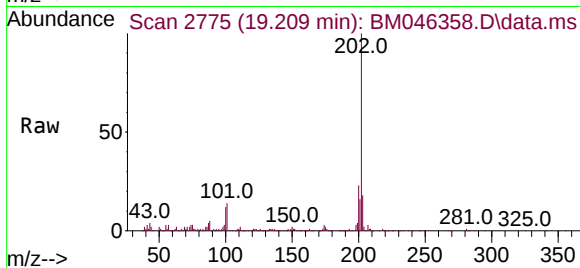
Tgt Ion:202 Resp: 216835

Ion Ratio Lower Upper

202 100

200 23.0 17.3 25.9

203 17.7 14.3 21.5



#79

Terphenyl-d14

Concen: 55.210 ng

RT: 19.427 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

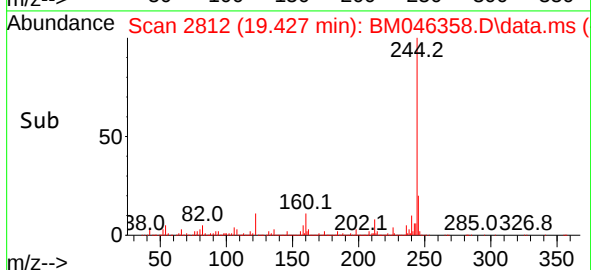
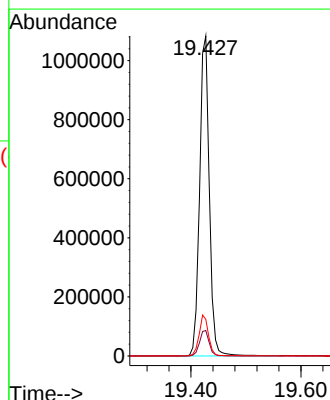
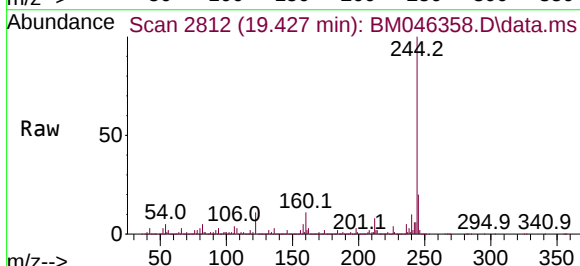
Tgt Ion:244 Resp: 1327934

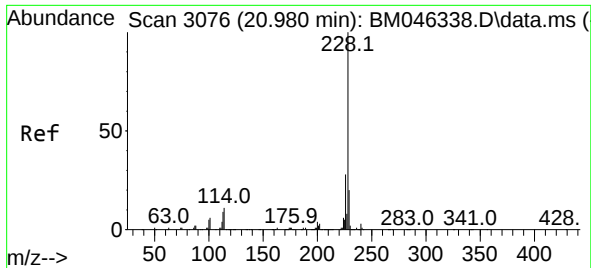
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 11.5 9.4 14.0

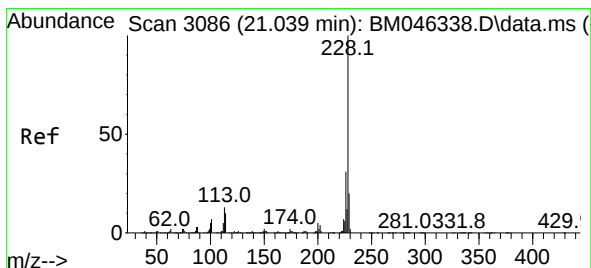
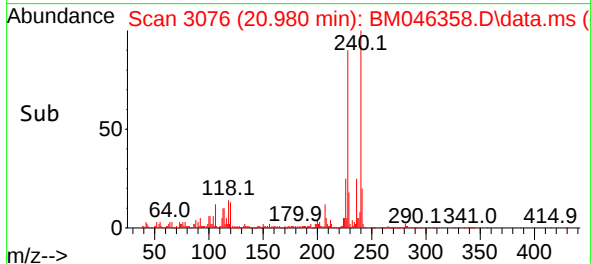
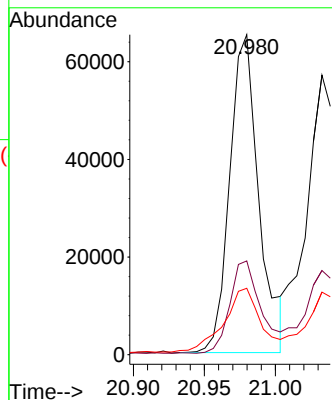
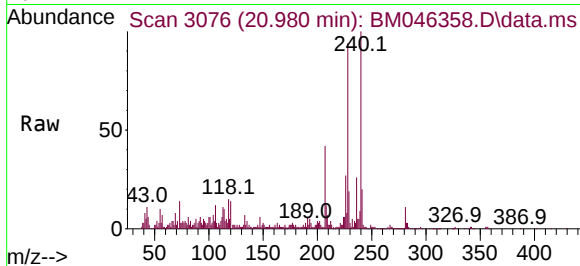




#81
Benzo(a)anthracene
Concen: 3.564 ng
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

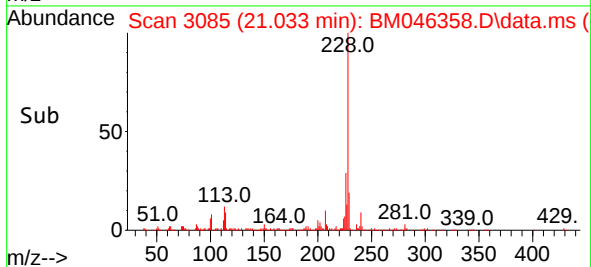
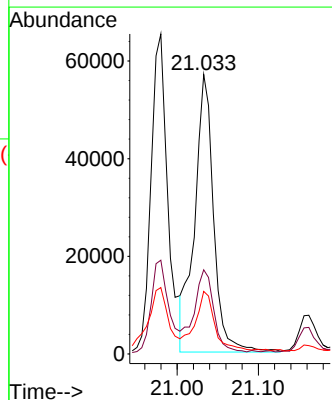
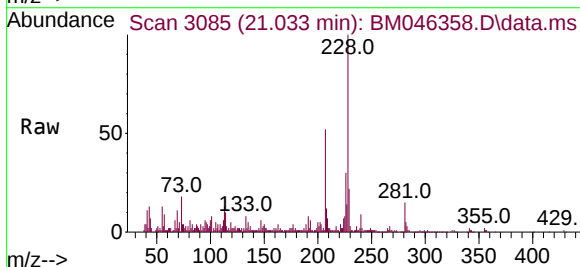
Instrument :
BNA_M
ClientSampleId :
7-E-1

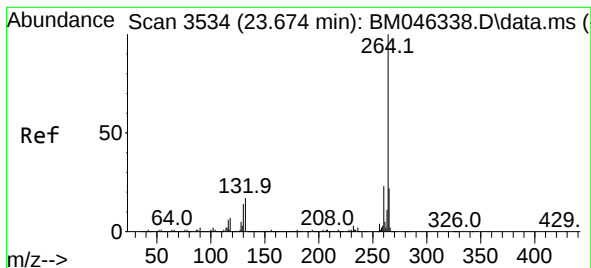
Tgt Ion:	228	Resp:	93042
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.5	33.7
229	20.8	15.9	23.9



#83
Chrysene
Concen: 3.715 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM046358.D
Acq: 28 Jun 2024 18:43

Tgt Ion:	228	Resp:	92760
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.6	36.8
229	22.4	15.9	23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

Instrument :

BNA_M

ClientSampleId :

7-E-1

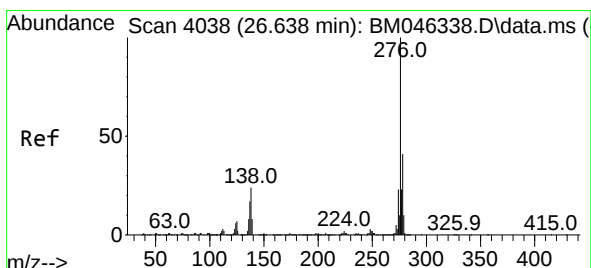
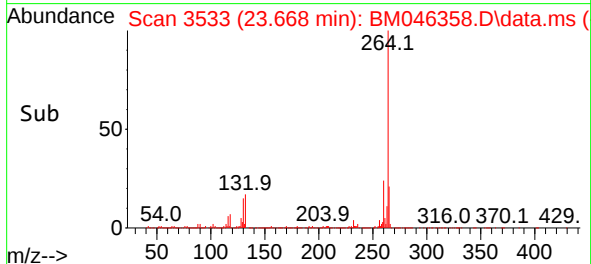
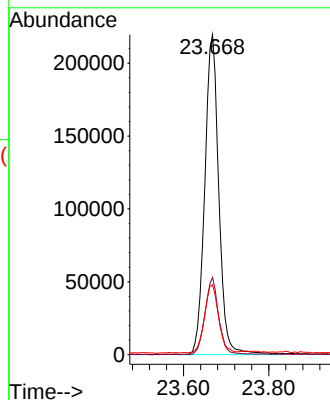
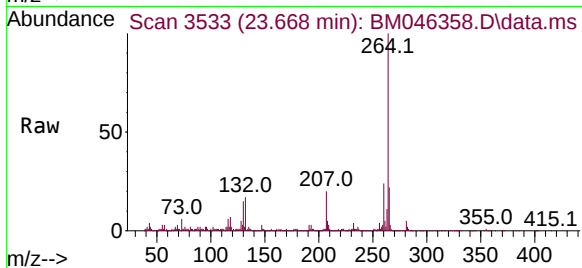
Tgt Ion:264 Resp: 502454

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.9 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.055 ng

RT: 26.603 min Scan# 4032

Delta R.T. -0.035 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

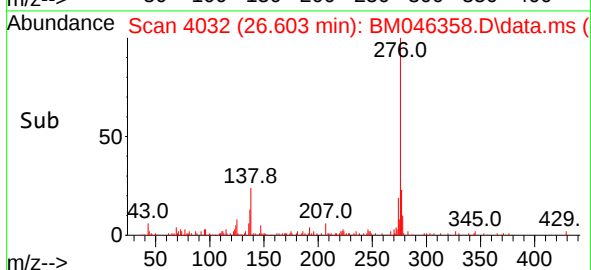
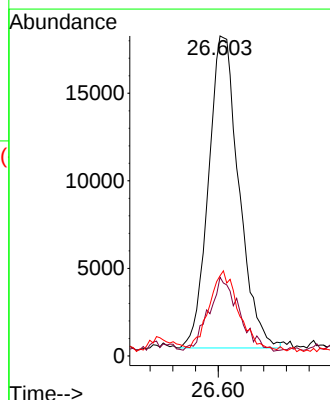
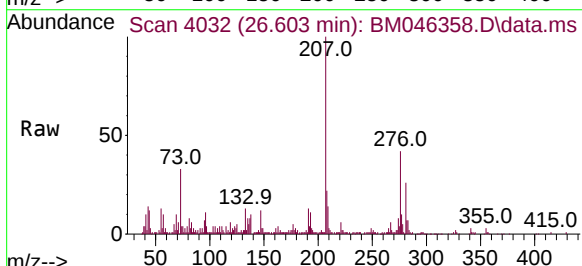
Tgt Ion:276 Resp: 66215

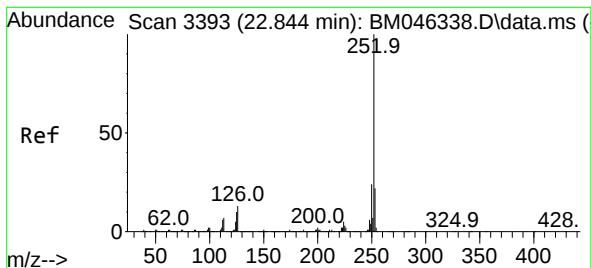
Ion Ratio Lower Upper

276 100

138 23.5 21.4 32.2

277 25.8 19.8 29.8





#88

Benzo(b)fluoranthene

Concen: 4.323 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

Instrument :

BNA_M

ClientSampleId :

7-E-1

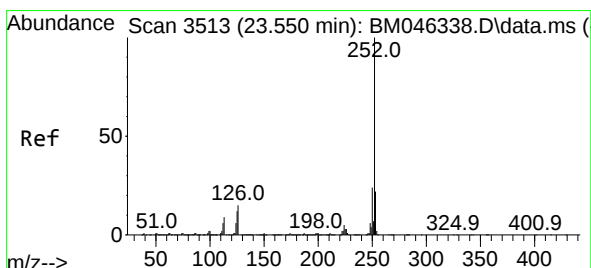
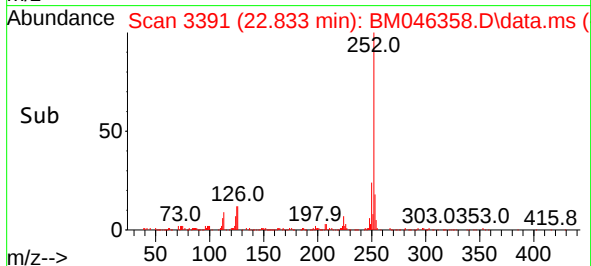
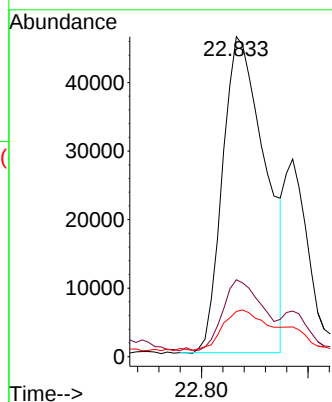
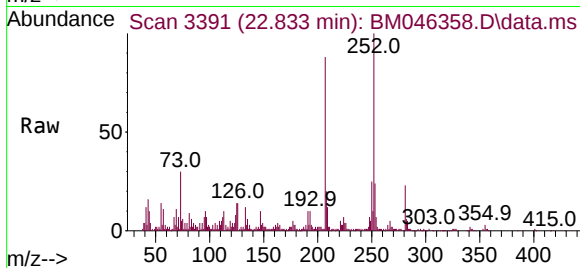
Tgt Ion:252 Resp: 128644

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 14.2 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 3.634 ng

RT: 23.538 min Scan# 3511

Delta R.T. -0.012 min

Lab File: BM046358.D

Acq: 28 Jun 2024 18:43

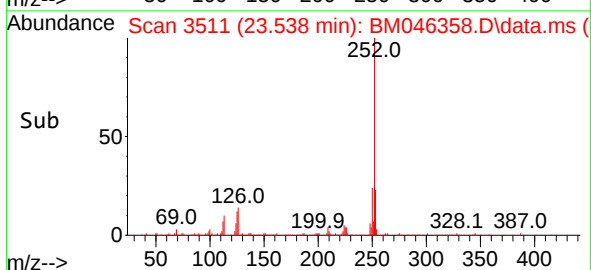
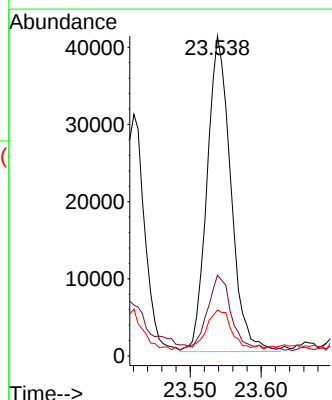
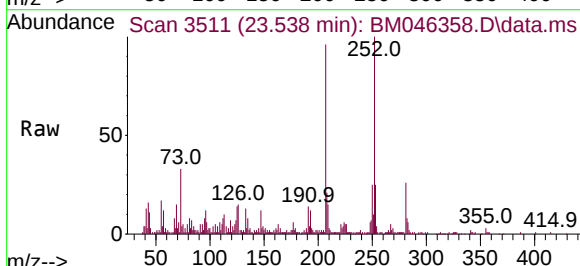
Tgt Ion:252 Resp: 94994

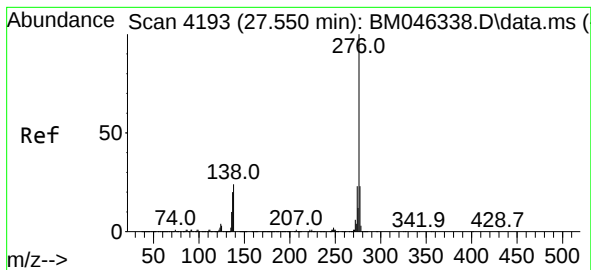
Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

125 14.4 9.8 14.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.605 ng
 RT: 27.526 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BM046358.D
 Acq: 28 Jun 2024 18:43

Instrument :
 BNA_M
 ClientSampleId :
 7-E-1

Tgt Ion:276 Resp: 69438
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.5 27.7
 138 22.8 19.0 28.4

