

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047439.D
 Acq On : 04 Sep 2024 15:23
 Operator : RC/JU
 Sample : P3825-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 16:02:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

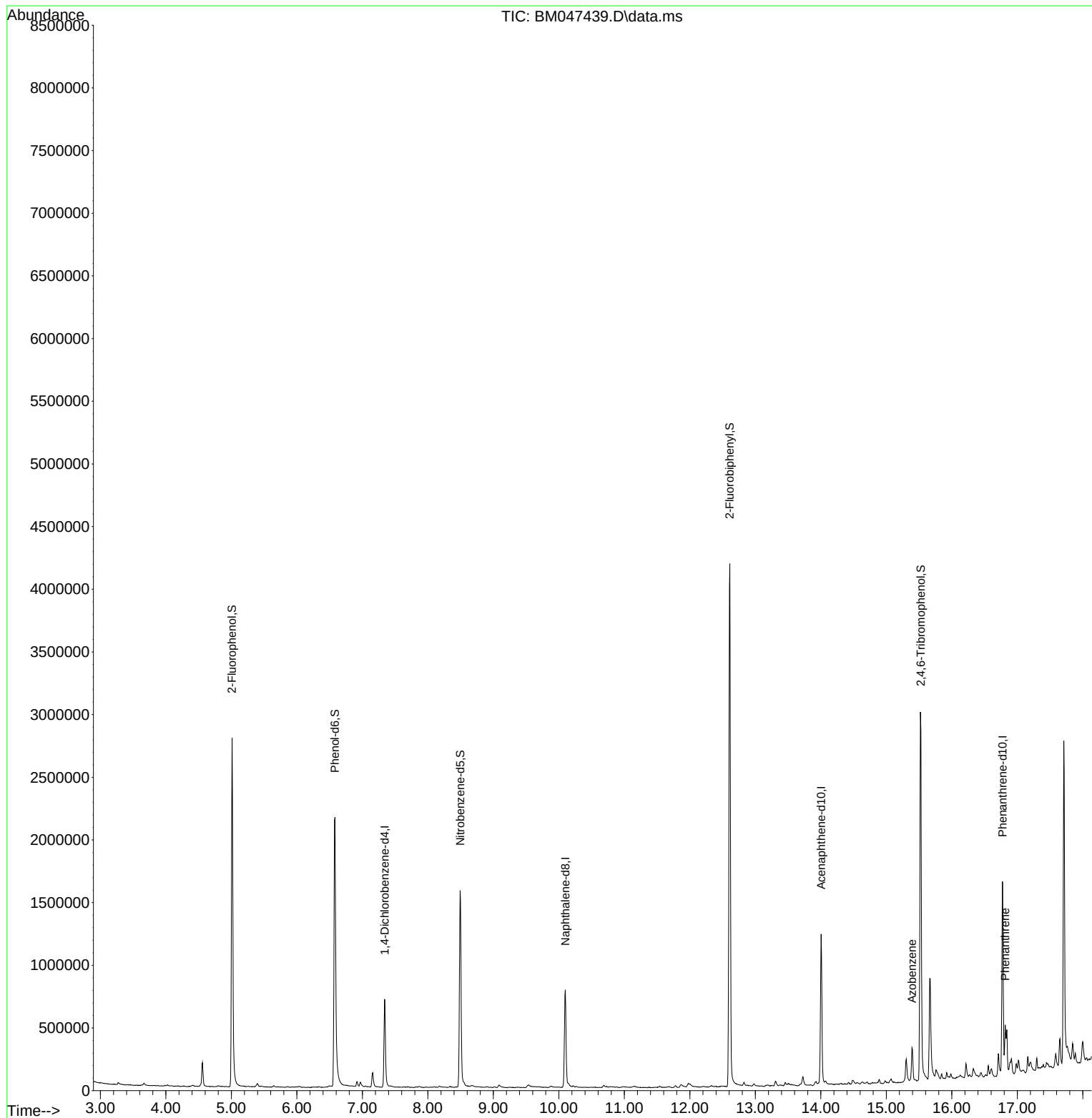
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	201952	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	697575	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	456832	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	899590	20.000	ng	0.00
76) Chrysene-d12	21.021	240	797446	20.000	ng	0.00
86) Perylene-d12	23.727	264	912939	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1306444	124.113	ng	0.00
7) Phenol-d6	6.581	99	1604307	111.880	ng	0.01
23) Nitrobenzene-d5	8.493	82	1019892	81.123	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	675097	122.486	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2511643	84.476	ng	0.00
79) Terphenyl-d14	19.439	244	3435880	76.691	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.534	77	3800	Below Cal	#	85
63) Azobenzene	15.392	77	77080	2.851	ng	# 1
71) Phenanthrene	16.816	178	231194	5.292	ng	100
75) Fluoranthene	18.857	202	622900	12.143	ng	100
78) Pyrene	19.221	202	618004	10.104	ng	99
81) Benzo(a)anthracene	21.003	228	337245	6.485	ng	95
83) Chrysene	21.062	228	373543	7.636	ng	96
84) Bis(2-ethylhexyl)phtha...	20.951	149	478599	14.148	ng	99
87) Indeno(1,2,3-cd)pyrene	26.744	276	273577	4.787	ng	96
88) Benzo(b)fluoranthene	22.880	252	508420	9.546	ng	# 95
89) Benzo(k)fluoranthene	22.880	252	508420	10.069	ng	# 95
90) Benzo(a)pyrene	23.603	252	337381	7.325	ng	96
92) Benzo(g,h,i)perylene	27.680	276	277776	5.771	ng	98

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

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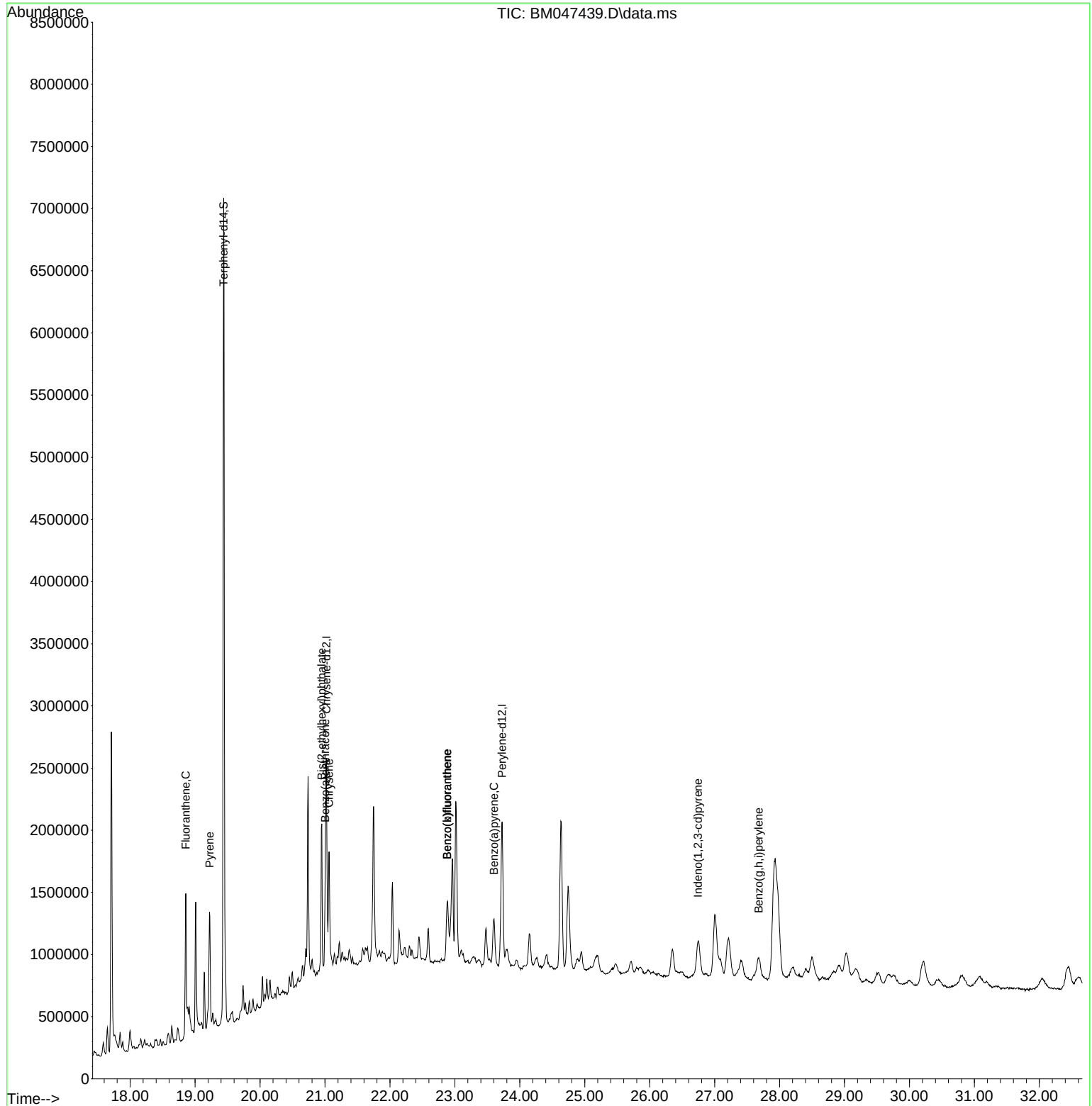
Quant Time: Sep 04 16:02:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

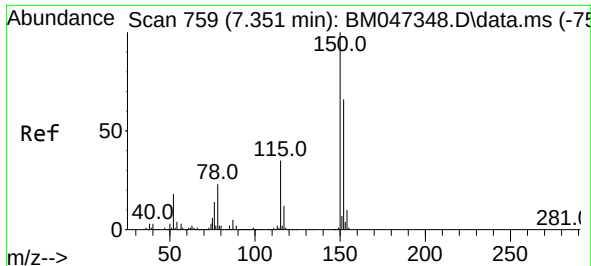


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
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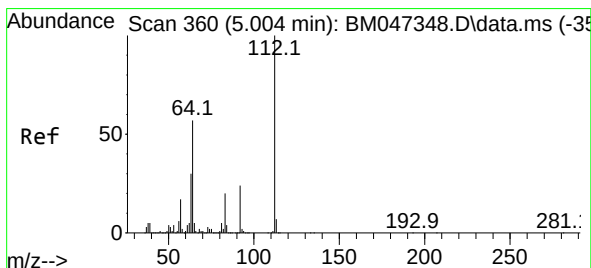
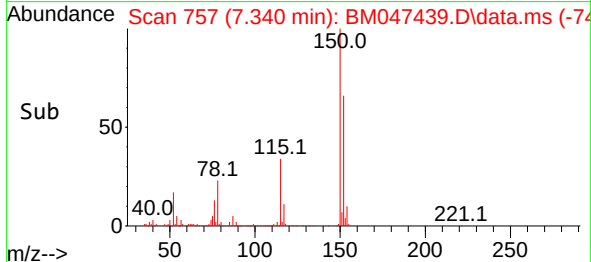
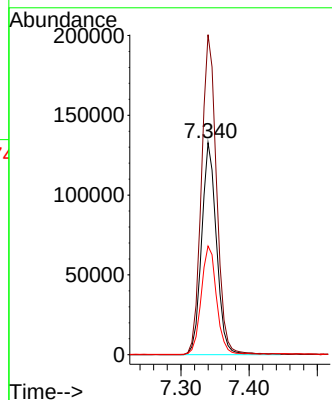
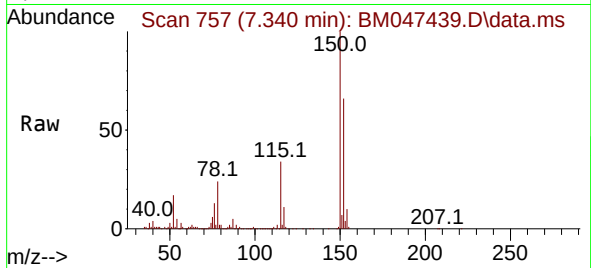




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

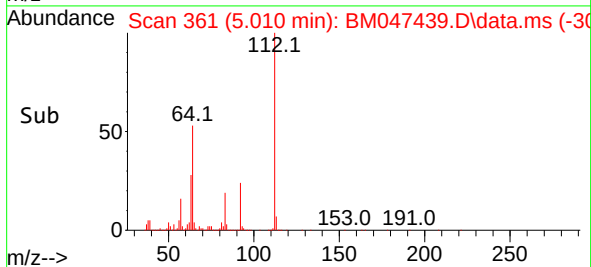
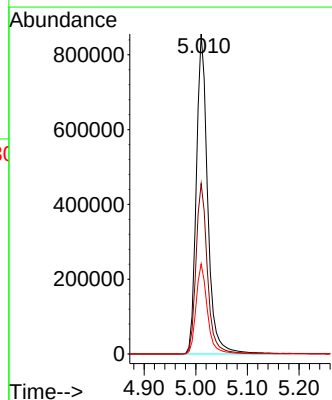
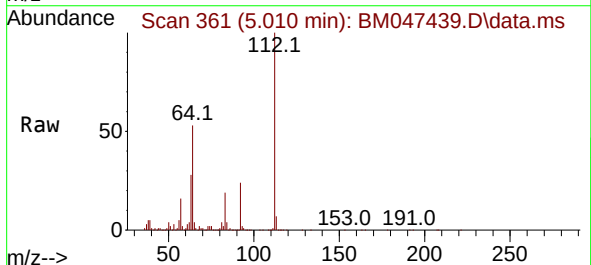
Instrument :
BNA_M
ClientSampleId :

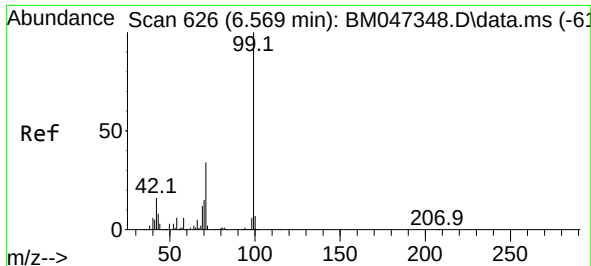
Tgt Ion:152 Resp: 201952
Ion Ratio Lower Upper
152 100
150 151.0 121.3 181.9
115 51.3 42.6 64.0



#5
2-Fluorophenol
Concen: 124.113 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:112 Resp: 1306444
Ion Ratio Lower Upper
112 100
64 53.3 45.7 68.5
63 28.2 23.8 35.8

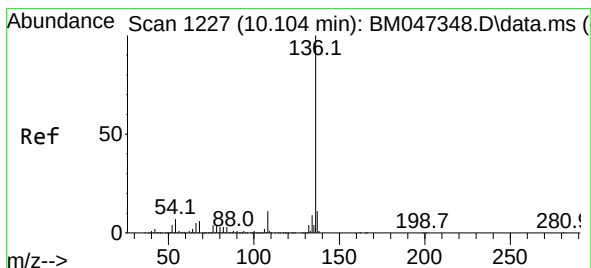
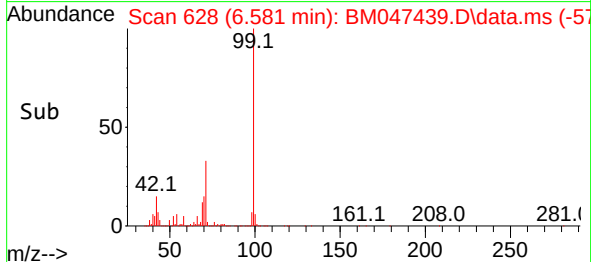
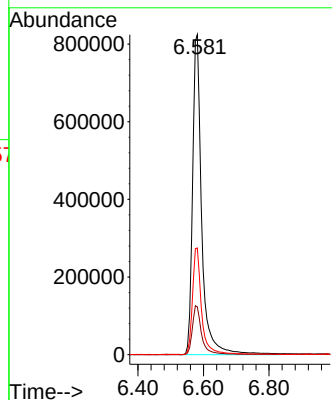
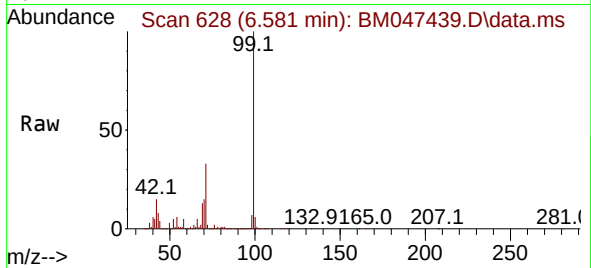




#7
Phenol-d6
Concen: 111.880 ng
RT: 6.581 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

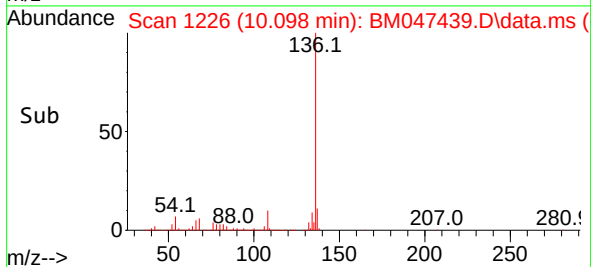
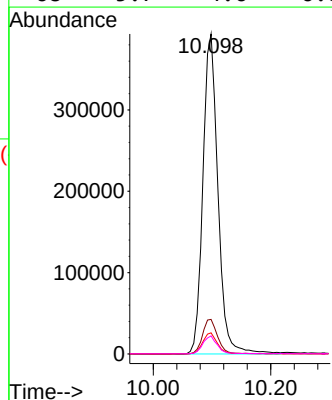
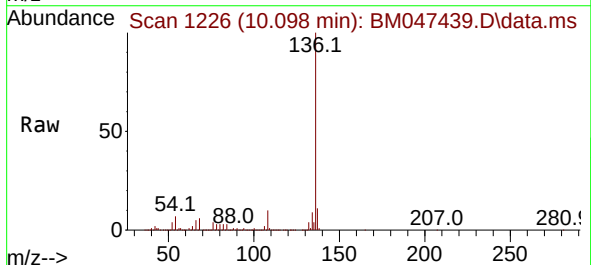
Instrument :
BNA_M
ClientSampleId :

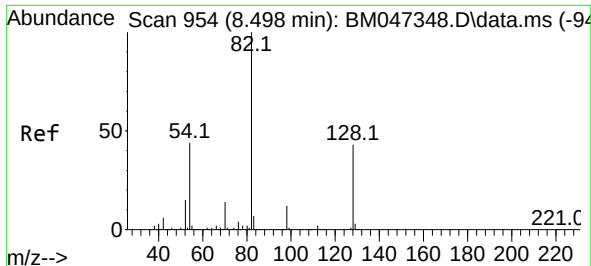
Tgt Ion: 99 Resp: 1604307
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 33.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

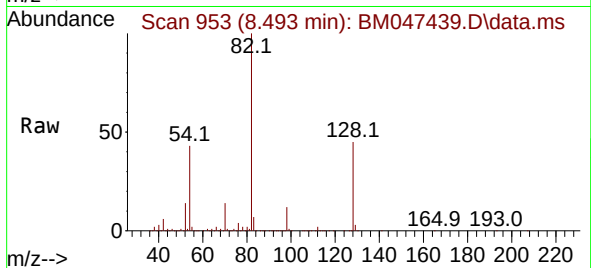
Tgt Ion: 136 Resp: 697575
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8



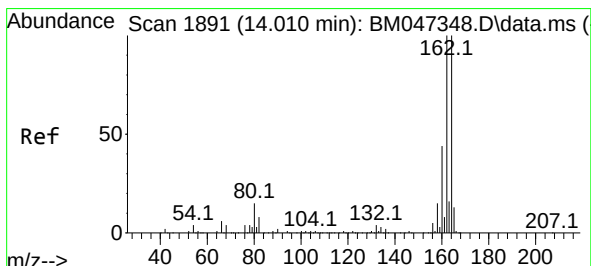
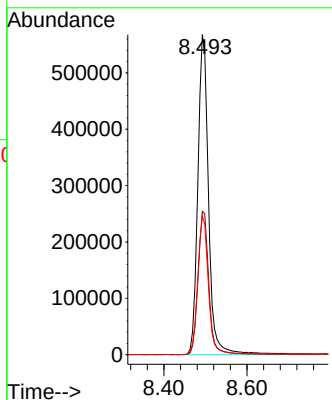
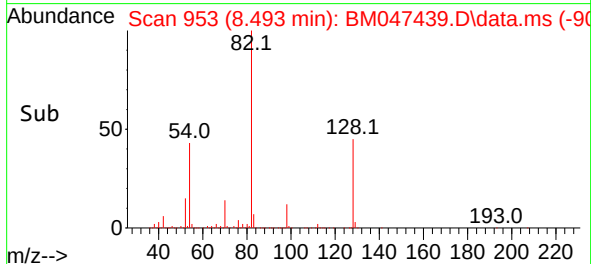


#23
Nitrobenzene-d5
Concen: 81.123 ng
RT: 8.493 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

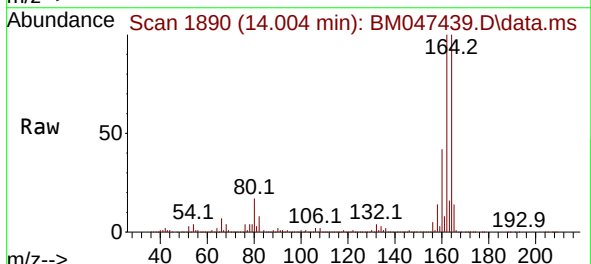
Instrument :
BNA_M
ClientSampleId :



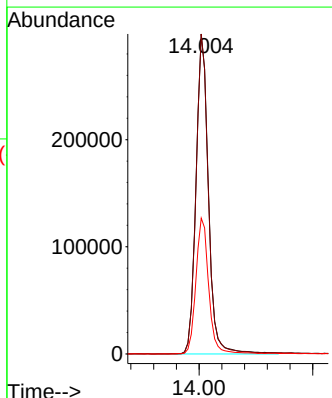
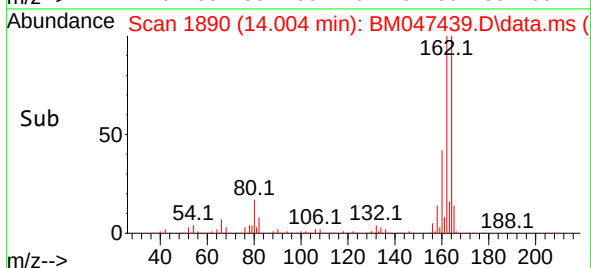
Tgt Ion: 82 Resp: 1019892
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 43.4 35.5 53.3

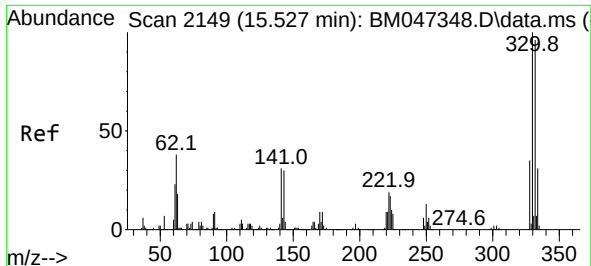


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion: 164 Resp: 456832
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 42.4 34.9 52.3

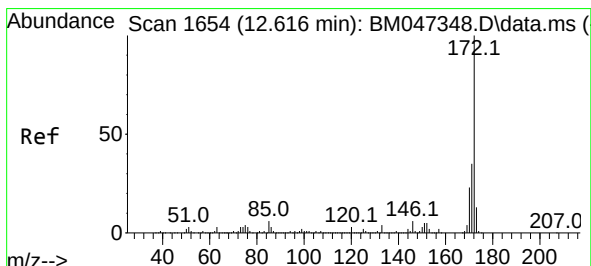
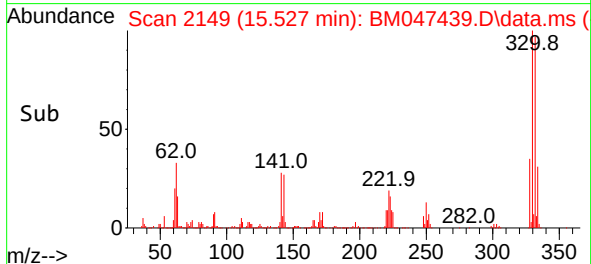
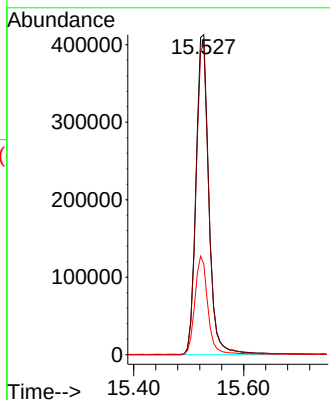
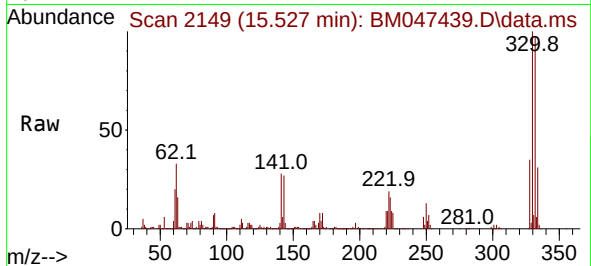




#42
2,4,6-Tribromophenol
Concen: 122.486 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

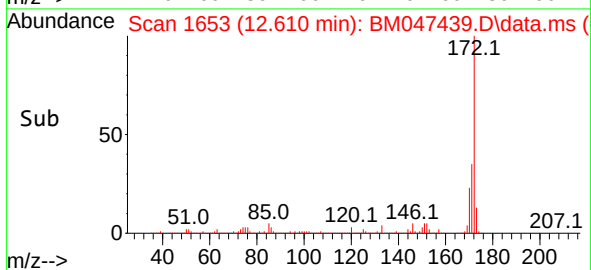
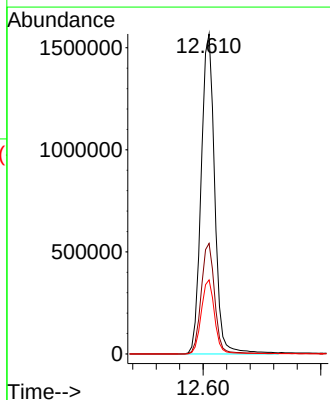
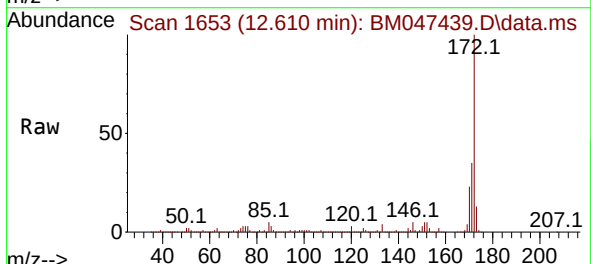
Instrument :
BNA_M
ClientSampleId :

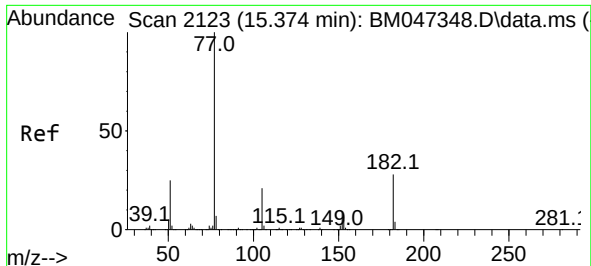
Tgt Ion:330 Resp: 675097
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 30.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 84.476 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:172 Resp: 2511643
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.5 27.7

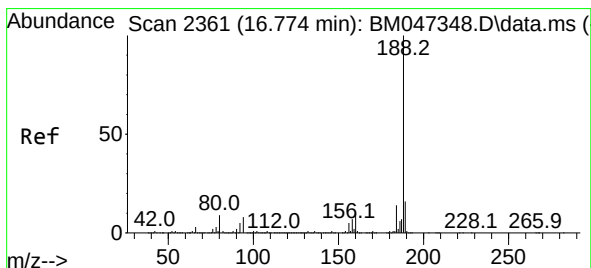
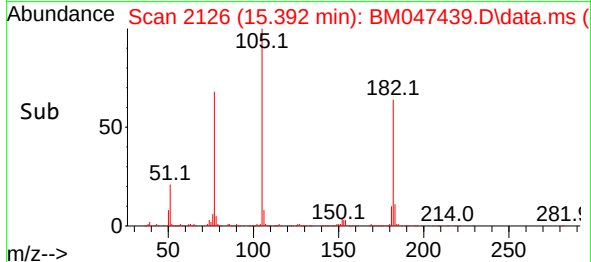
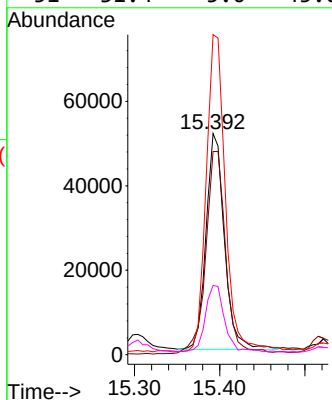
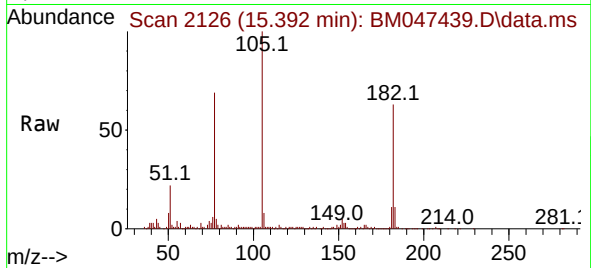




#63
Azobenzene
Concen: 2.851 ng
RT: 15.392 min Scan# 2123
Delta R.T. 0.018 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

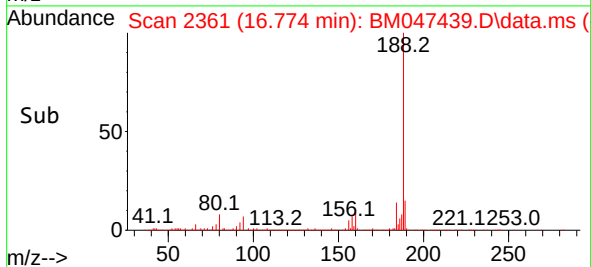
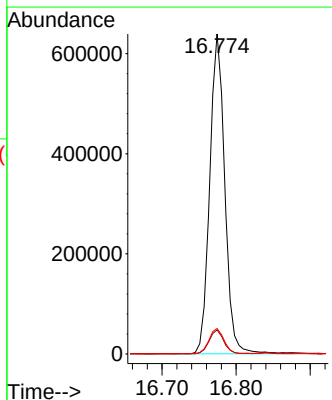
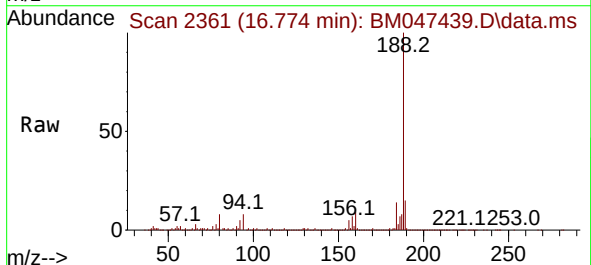
Instrument :
BNA_M
ClientSampleId :

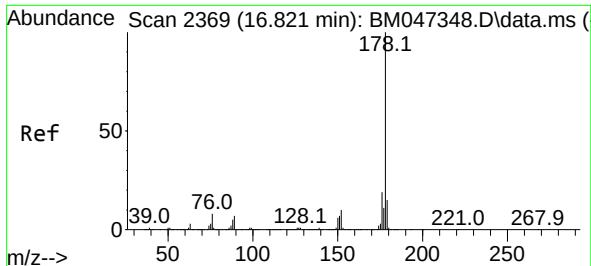
Tgt Ion:	77	Resp:	77080
Ion	Ratio	Lower	Upper
77	100		
182	91.9	7.9	47.9#
105	144.7	0.6	40.6#
51	31.4	5.0	45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:	188	Resp:	899590
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.0	7.4	11.2

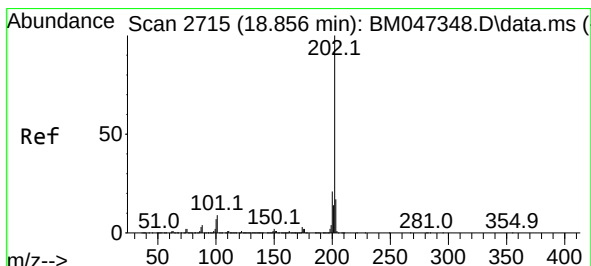
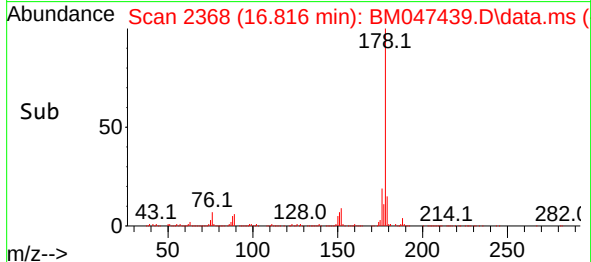
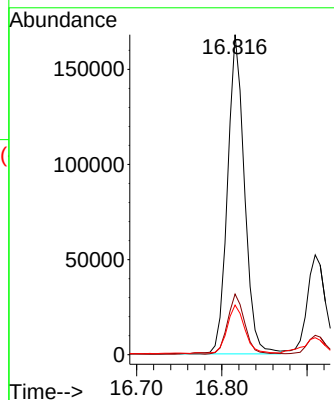
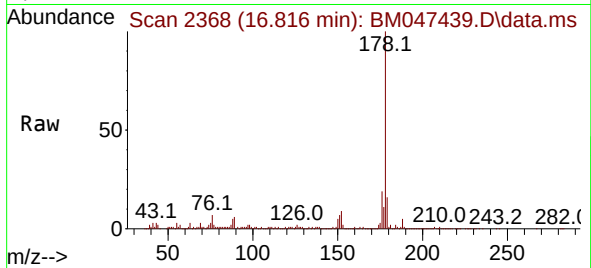




#71
Phenanthrene
Concen: 5.292 ng
RT: 16.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

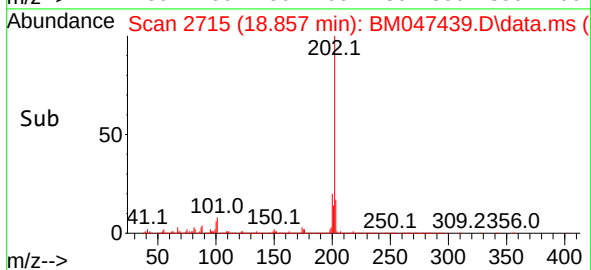
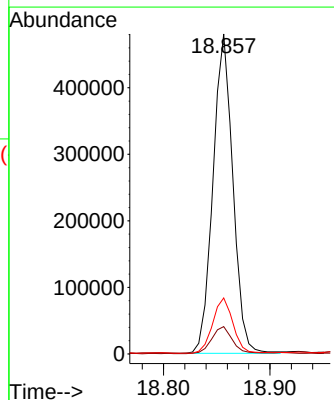
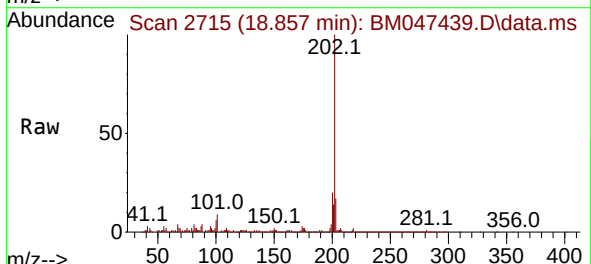
Instrument :
BNA_M
ClientSampleId :

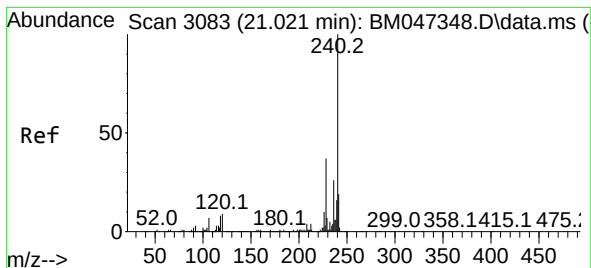
Tgt Ion:178 Resp: 231194
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.2 18.4



#75
Fluoranthene
Concen: 12.143 ng
RT: 18.857 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:202 Resp: 622900
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.0
203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

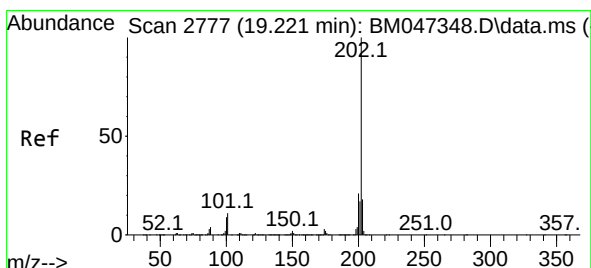
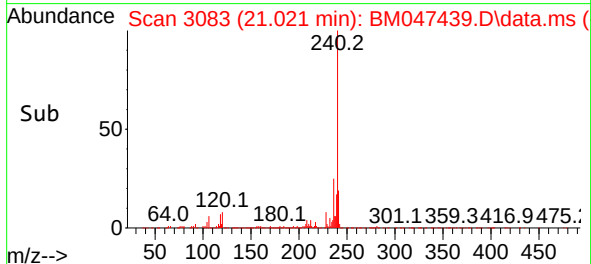
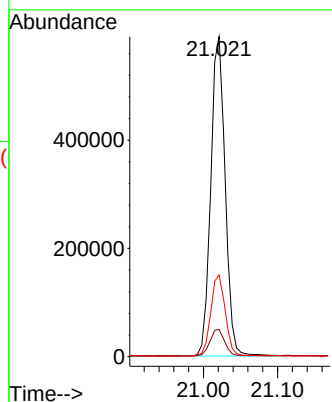
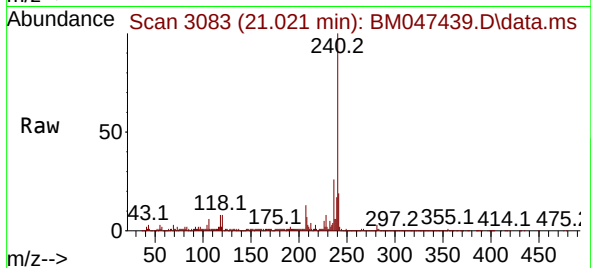
Tgt Ion:240 Resp: 797446

Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.0

236 25.5 20.8 31.2



#78

Pyrene

Concen: 10.104 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

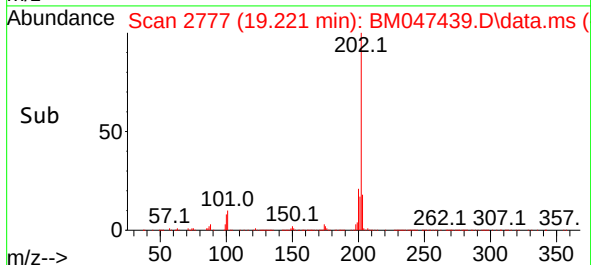
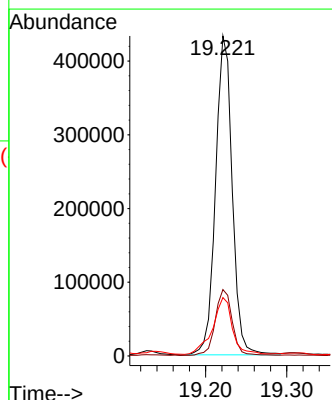
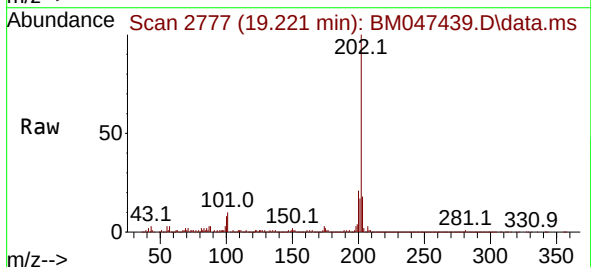
Tgt Ion:202 Resp: 618004

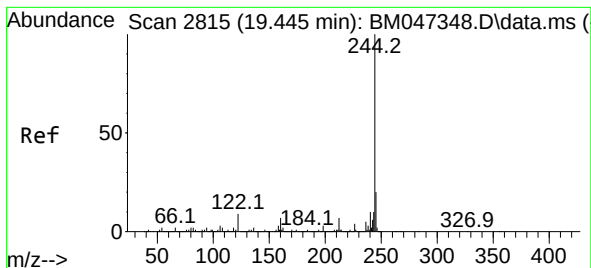
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 18.2 14.2 21.4





#79

Terphenyl-d14

Concen: 76.691 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

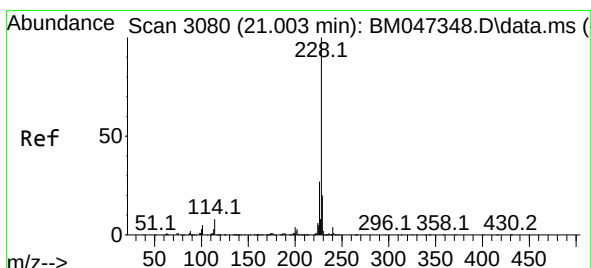
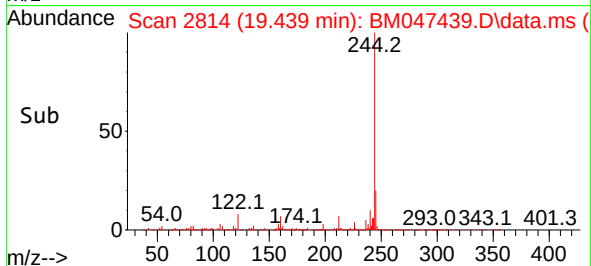
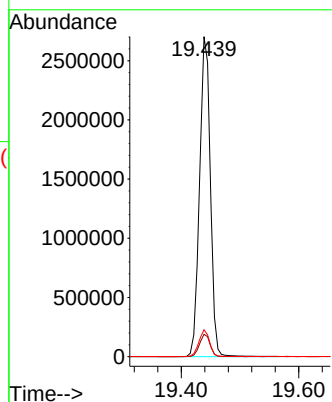
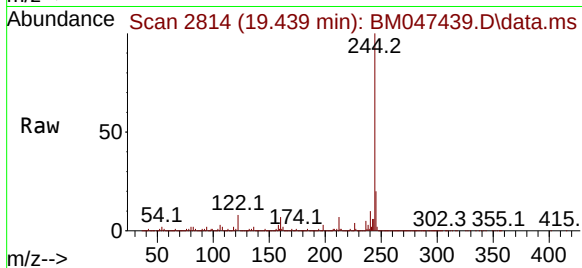
Tgt Ion:244 Resp: 3435880

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.4 7.0 10.4



#81

Benzo(a)anthracene

Concen: 6.485 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

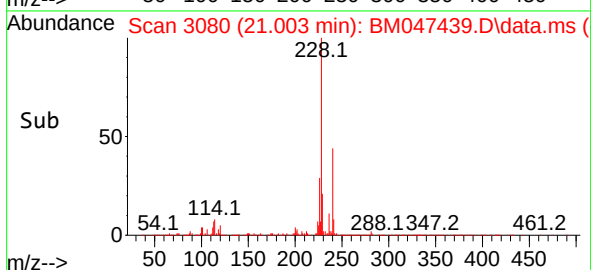
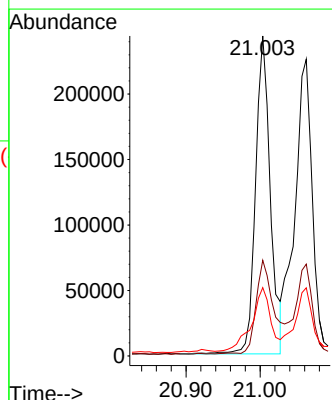
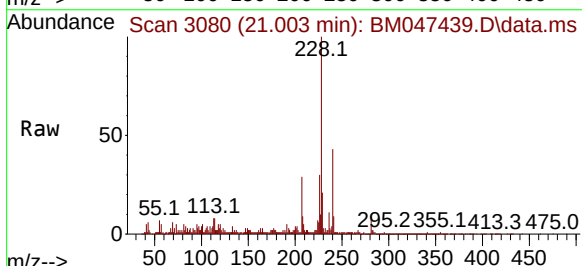
Tgt Ion:228 Resp: 337245

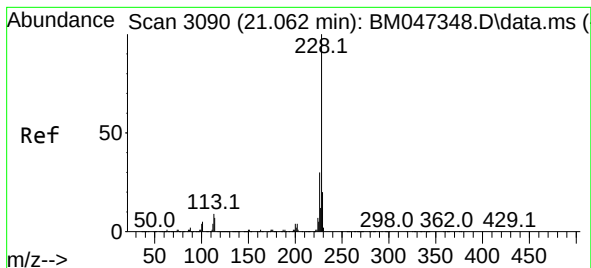
Ion Ratio Lower Upper

228 100

226 29.9 21.4 32.0

229 21.4 15.8 23.8





#83

Chrysene

Concen: 7.636 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

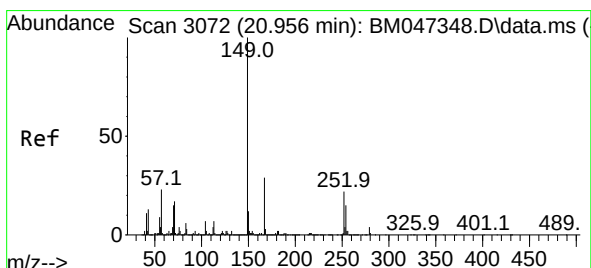
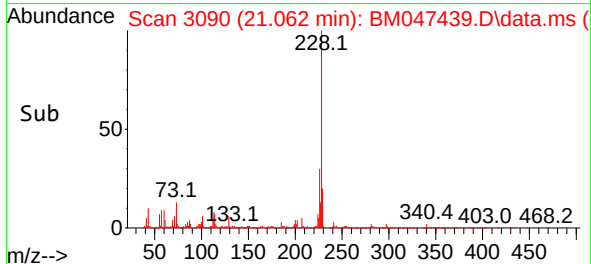
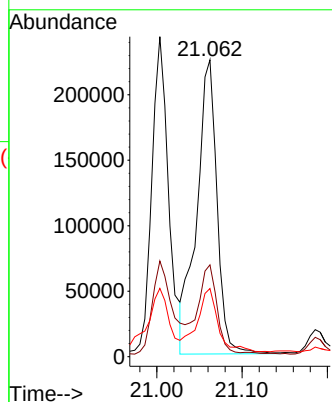
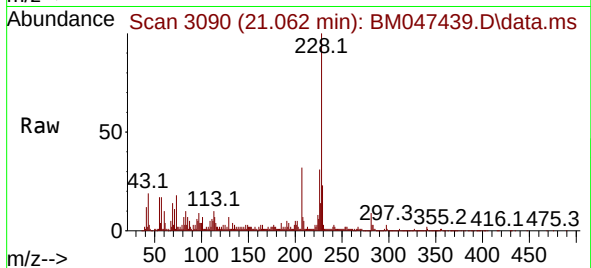
Tgt Ion:228 Resp: 373543

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 23.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.148 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

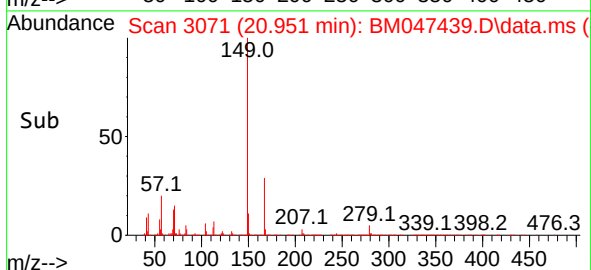
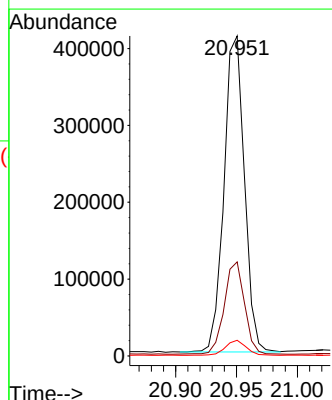
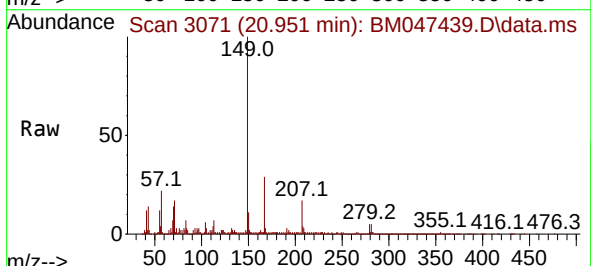
Tgt Ion:149 Resp: 478599

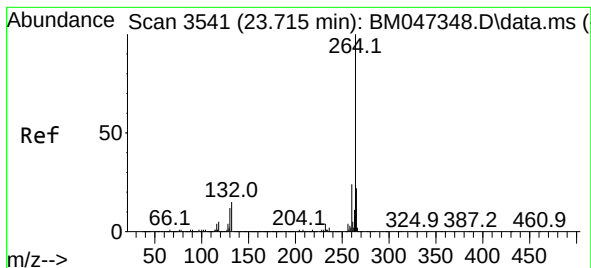
Ion Ratio Lower Upper

149 100

167 29.4 23.1 34.7

279 4.9 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

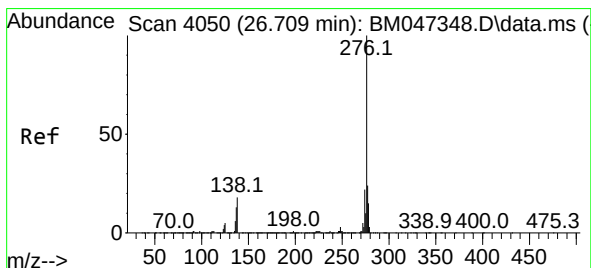
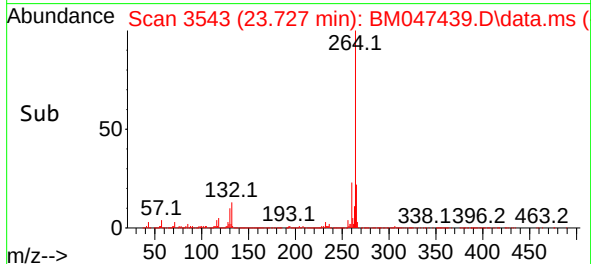
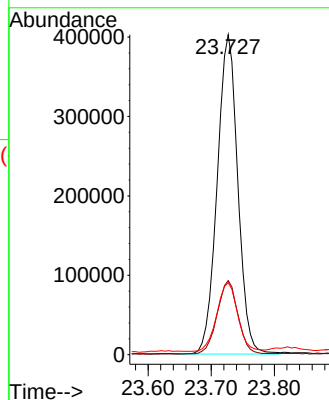
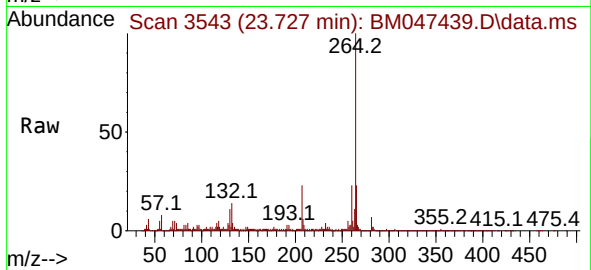
Tgt Ion:264 Resp: 912939

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 22.5 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.787 ng

RT: 26.744 min Scan# 4056

Delta R.T. 0.035 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

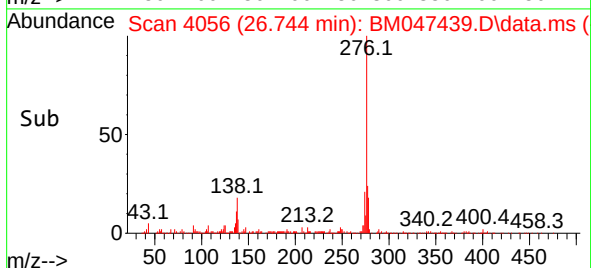
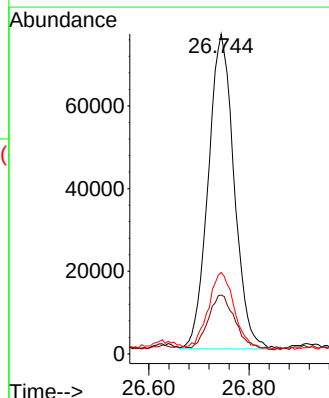
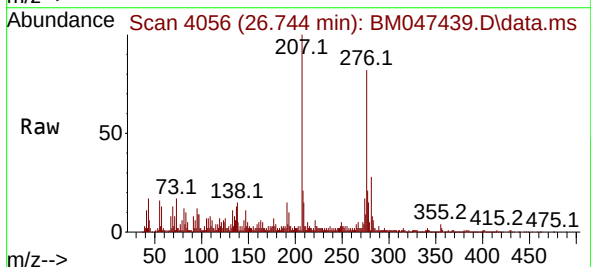
Tgt Ion:276 Resp: 273577

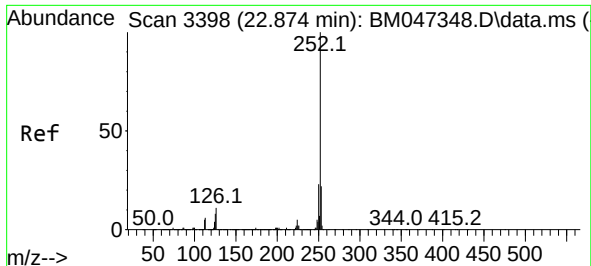
Ion Ratio Lower Upper

276 100

138 18.3 17.7 26.5

277 24.6 20.0 30.0

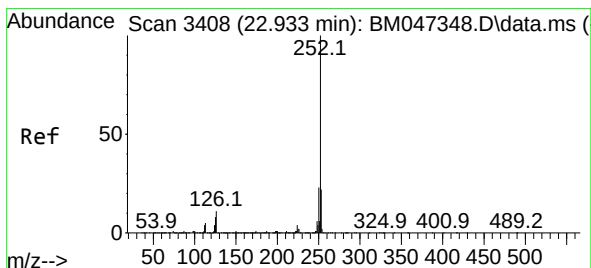
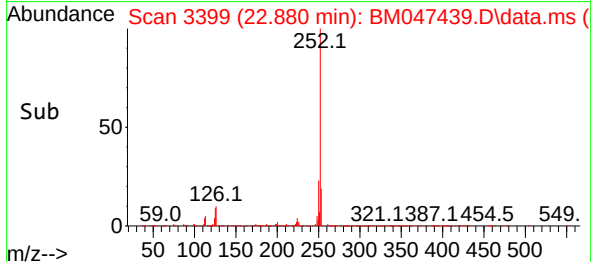
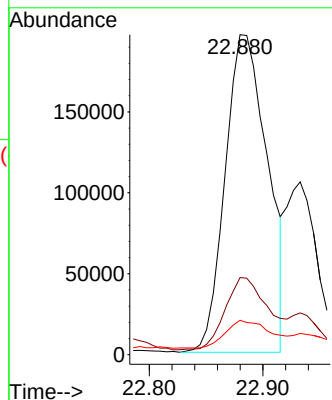
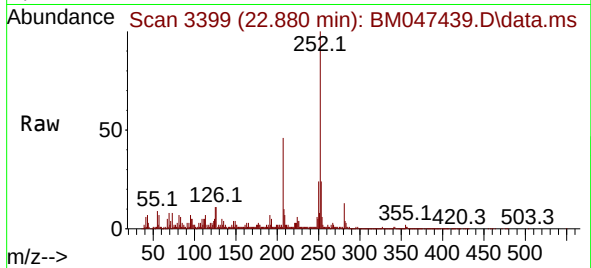




#88
Benzo(b)fluoranthene
Concen: 9.546 ng
RT: 22.880 min Scan# 3399
Delta R.T. 0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

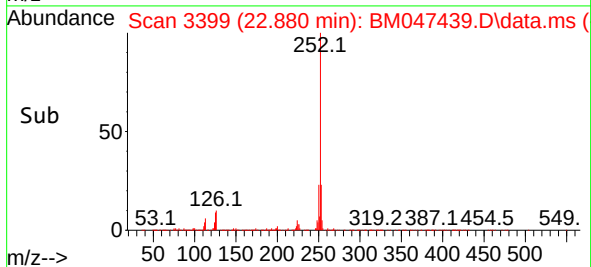
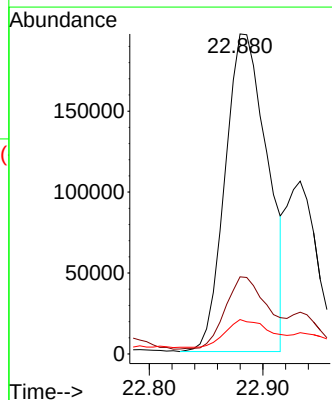
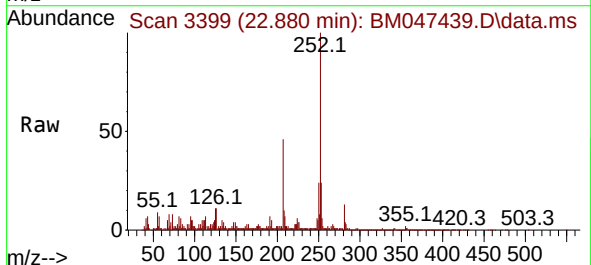
Instrument :
BNA_M
ClientSampleId :

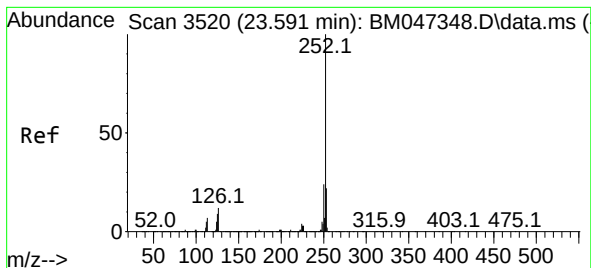
Tgt Ion:252 Resp: 508420
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 10.8 6.6 10.0#



#89
Benzo(k)fluoranthene
Concen: 10.069 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.053 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:252 Resp: 508420
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 10.8 6.6 9.8#





#90

Benzo(a)pyrene

Concen: 7.325 ng

RT: 23.603 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

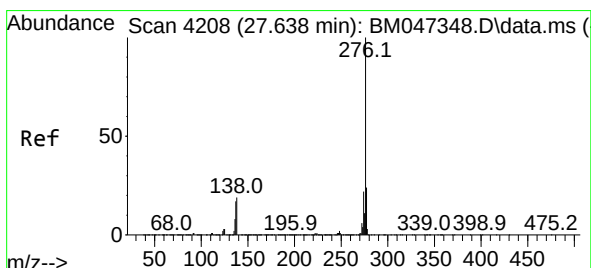
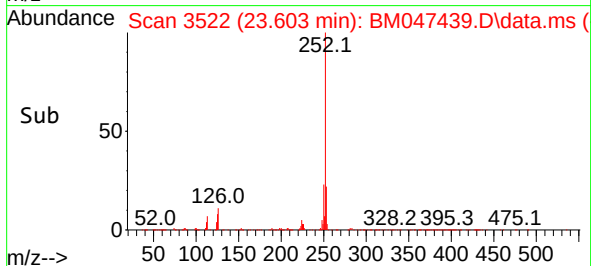
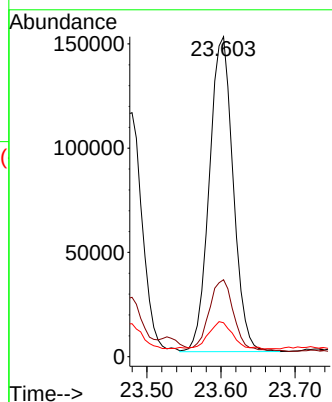
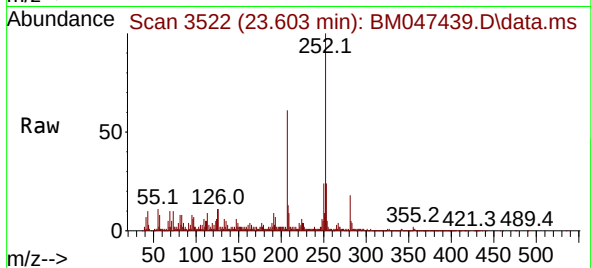
Tgt Ion:252 Resp: 337381

Ion Ratio Lower Upper

252 100

253 24.1 17.7 26.5

125 10.6 7.4 11.2



#92

Benzo(g,h,i)perylene

Concen: 5.771 ng

RT: 27.680 min Scan# 4215

Delta R.T. 0.041 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Tgt Ion:276 Resp: 277776

Ion Ratio Lower Upper

276 100

277 25.3 19.4 29.0

138 18.5 15.0 22.6

