

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044823.D
 Acq On : 29 Mar 2024 20:04
 Operator : MA/JU
 Sample : P1879-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 29 23:23:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

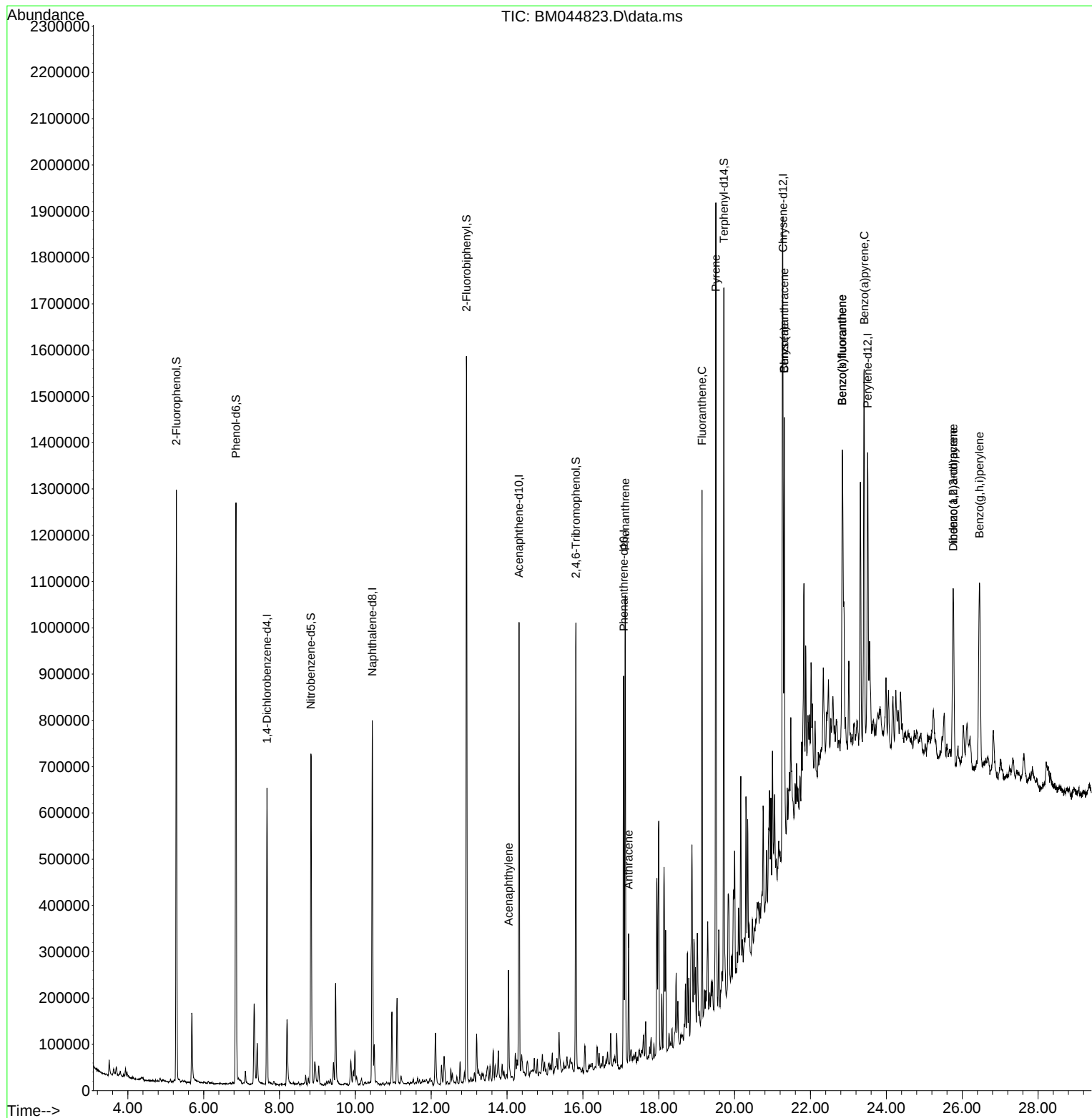
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	158440	20.000	ng	0.00
21) Naphthalene-d8	10.445	136	619595	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	321221	20.000	ng	0.00
64) Phenanthrene-d10	17.074	188	489680	20.000	ng	0.00
76) Chrysene-d12	21.274	240	366894	20.000	ng	0.00
86) Perylene-d12	23.509	264	430795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	503545	45.517	ng	0.00
7) Phenol-d6	6.851	99	656134	45.724	ng	0.00
23) Nitrobenzene-d5	8.828	82	400792	29.161	ng	-0.01
42) 2,4,6-Tribromophenol	15.815	330	153711	43.790	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	771968	30.780	ng	-0.01
79) Terphenyl-d14	19.715	244	654032	30.210	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.039	152	177278	5.720	ng	97
71) Phenanthrene	17.115	178	564070	20.647	ng	99
72) Anthracene	17.204	178	167746	6.079	ng	99
75) Fluoranthene	19.139	202	593844	21.777	ng	99
78) Pyrene	19.503	202	985334	33.703	ng	99
81) Benzo(a)anthracene	21.309	228	479416	18.746	ng	94
83) Chrysene	21.309	228	479416	19.559	ng	96
87) Indeno(1,2,3-cd)pyrene	25.762	276	364876	11.150	ng	96
88) Benzo(b)fluoranthene	22.838	252	686382	28.117	ng	# 95
89) Benzo(k)fluoranthene	22.838	252	686382	28.001	ng	# 95
90) Benzo(a)pyrene	23.415	252	505745	20.414	ng	98
91) Dibenzo(a,h)anthracene	25.768	278	98894	3.649	ng	# 79
92) Benzo(g,h,i)perylene	26.456	276	499702	17.721	ng	98

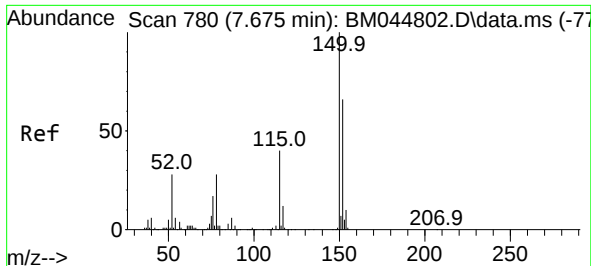
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044823.D
Acq On : 29 Mar 2024 20:04
Operator : MA/JU
Sample : P1879-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 29 23:23:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
Response via : Initial Calibration

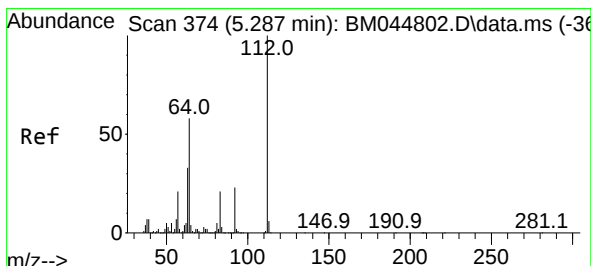
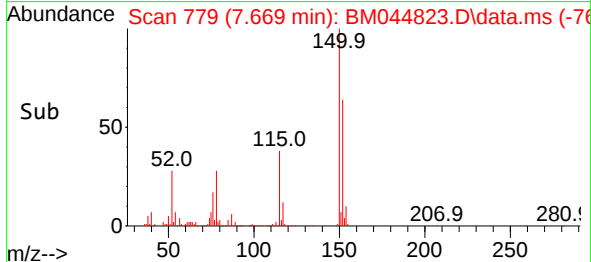
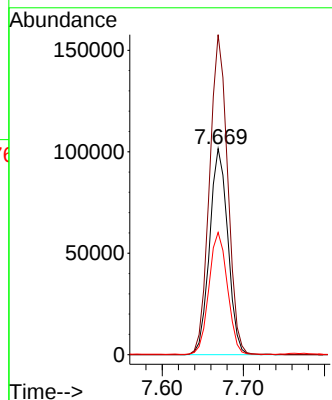
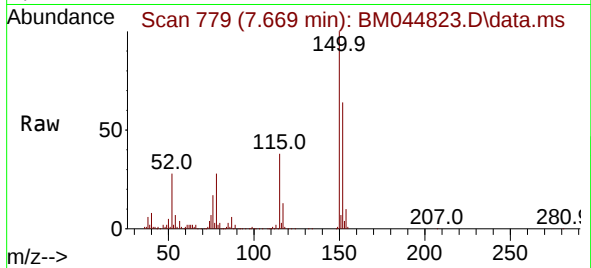




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.669 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM044823.D
 Acq: 29 Mar 2024 20:04

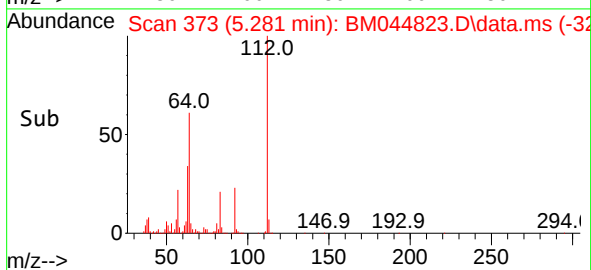
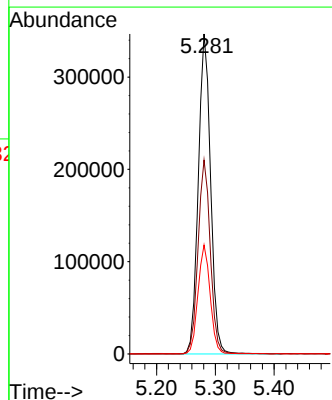
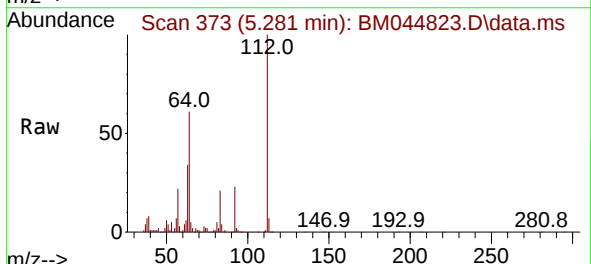
Instrument :
 BNA_M
 ClientSampleId :

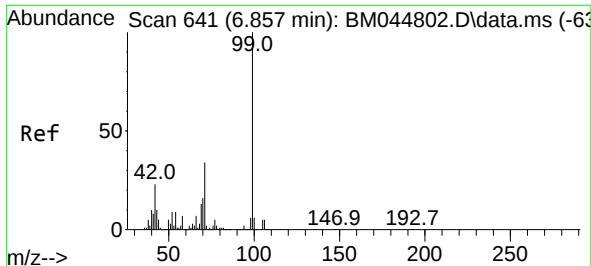
Tgt Ion:152 Resp: 158440
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.0 181.6
 115 59.3 48.3 72.5



#5
 2-Fluorophenol
 Concen: 45.517 ng
 RT: 5.281 min Scan# 373
 Delta R.T. -0.006 min
 Lab File: BM044823.D
 Acq: 29 Mar 2024 20:04

Tgt Ion:112 Resp: 503545
 Ion Ratio Lower Upper
 112 100
 64 60.6 46.4 69.6
 63 34.1 26.2 39.4

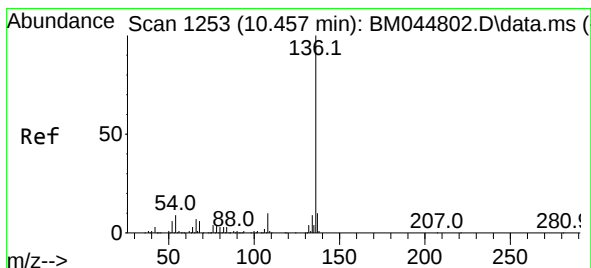
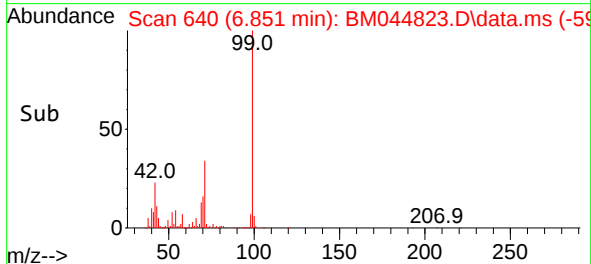
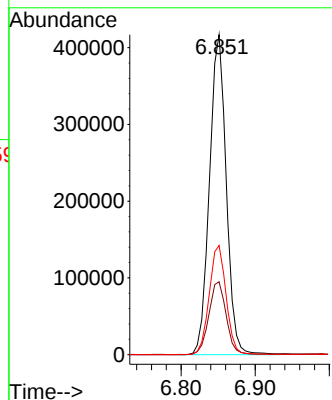
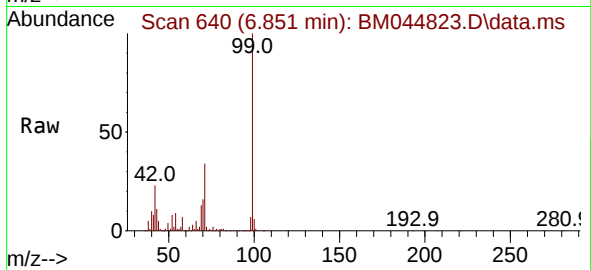




#7
Phenol-d6
Concen: 45.724 ng
RT: 6.851 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

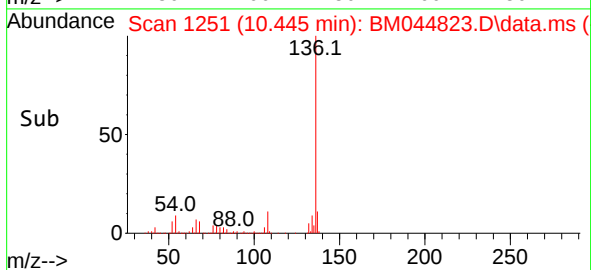
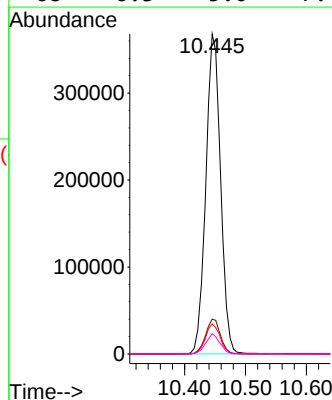
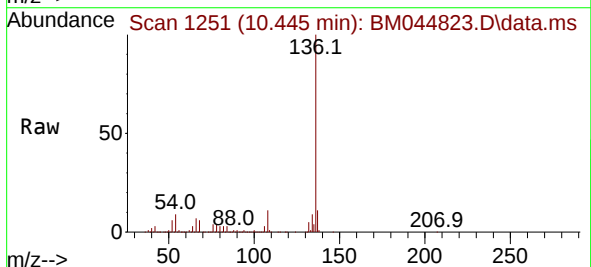
Instrument :
BNA_M
ClientSampleId :

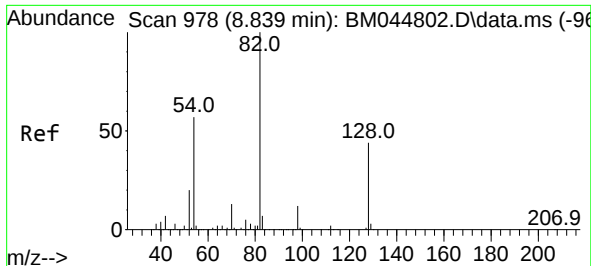
Tgt Ion: 99 Resp: 656134
Ion Ratio Lower Upper
99 100
42 22.8 18.2 27.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.445 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

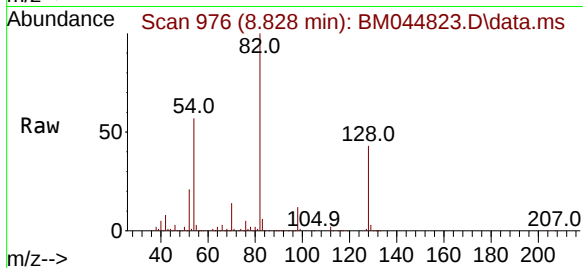
Tgt Ion: 136 Resp: 619595
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.4 7.3 10.9
68 6.3 5.0 7.4



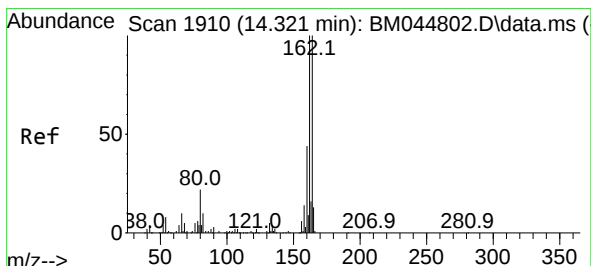
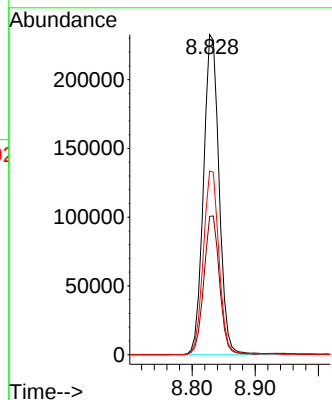
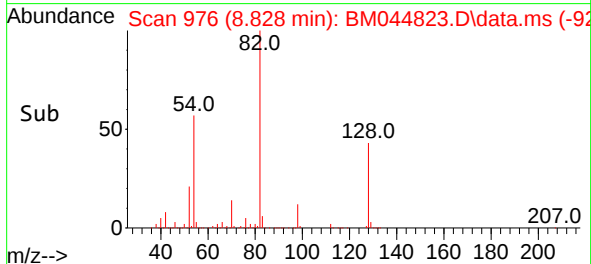


#23
Nitrobenzene-d5
Concen: 29.161 ng
RT: 8.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Instrument :
BNA_M
ClientSampleId :

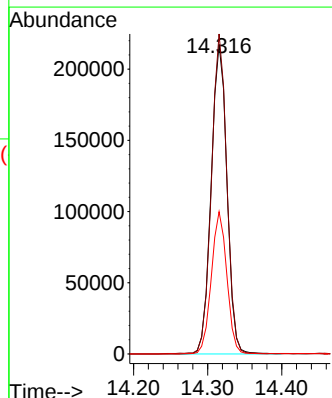
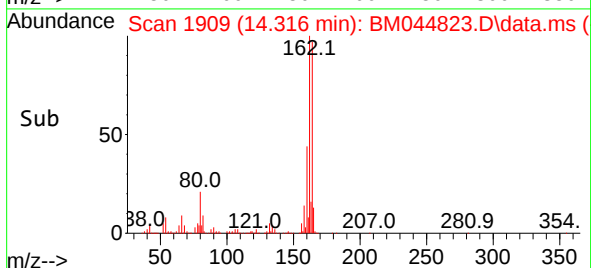
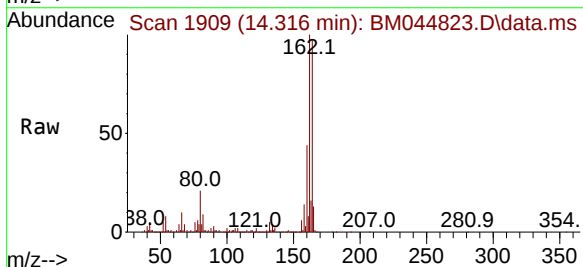


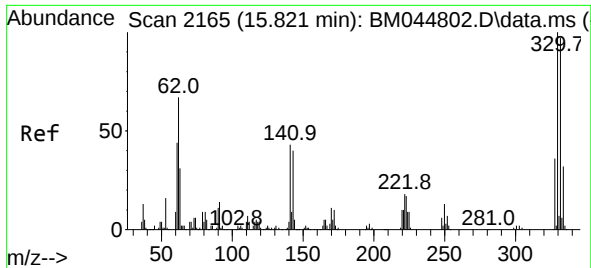
Tgt Ion: 82 Resp: 400792
Ion Ratio Lower Upper
82 100
128 43.2 34.8 52.2
54 57.4 45.4 68.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

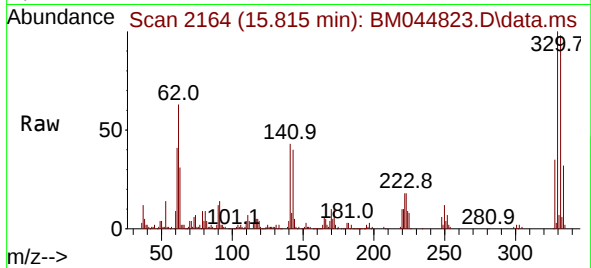
Tgt Ion: 164 Resp: 321221
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.4
160 45.9 35.4 53.2



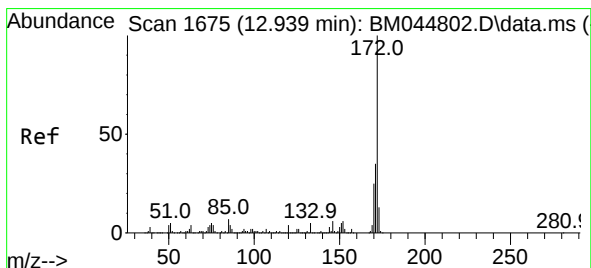
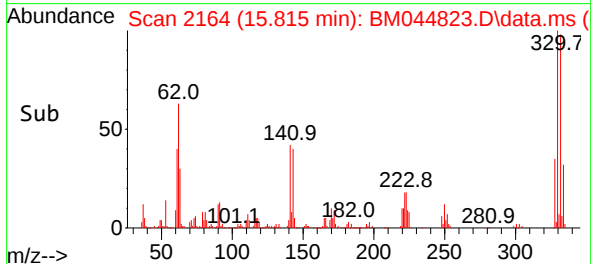
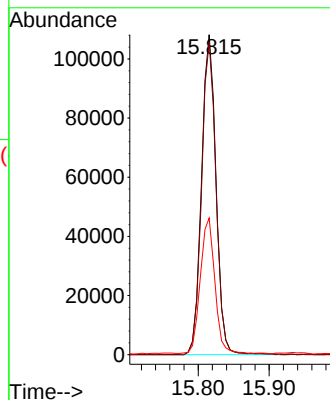


#42
2,4,6-Tribromophenol
Concen: 43.790 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Instrument :
BNA_M
ClientSampleId :

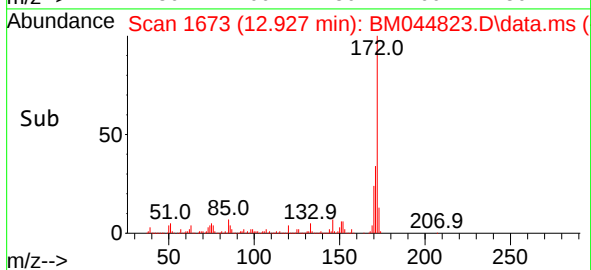
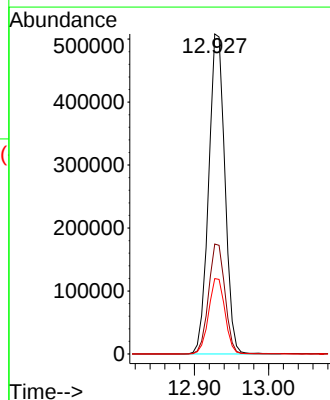
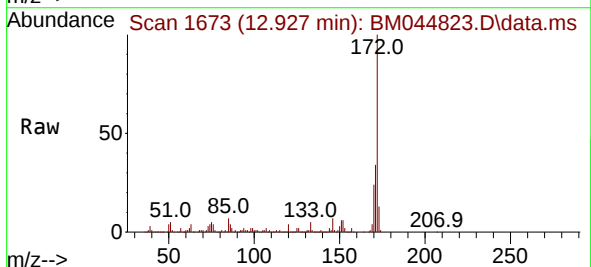


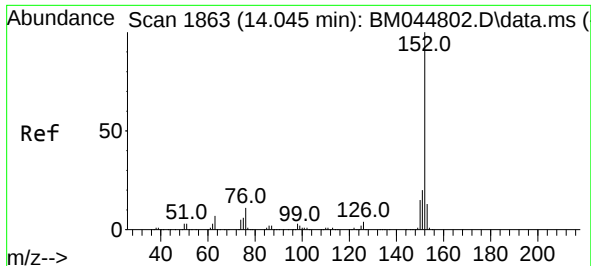
Tgt Ion:330 Resp: 153711
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 42.3 34.1 51.1



#45
2-Fluorobiphenyl
Concen: 30.780 ng
RT: 12.927 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

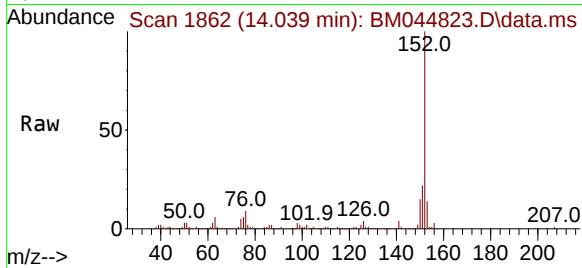
Tgt Ion:172 Resp: 771968
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.5 19.8 29.6



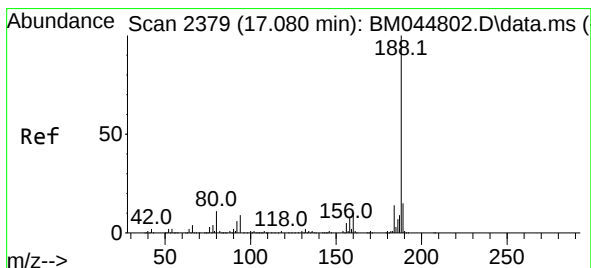
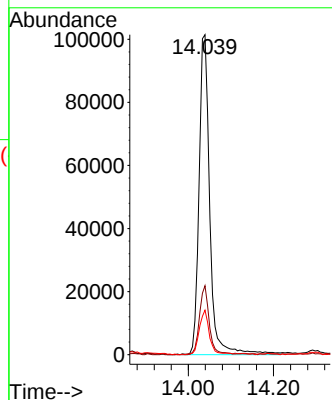
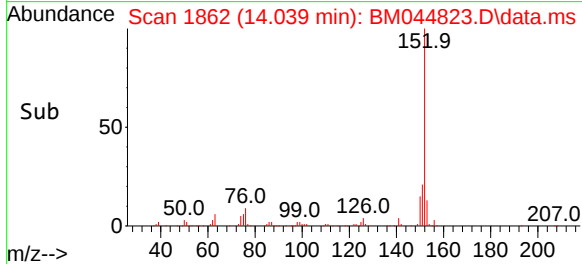


#49
Acenaphthylene
Concen: 5.720 ng
RT: 14.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

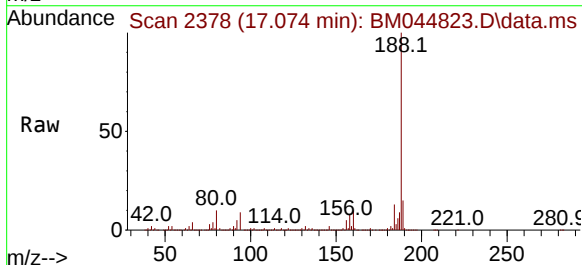
Instrument :
BNA_M
ClientSampleId :



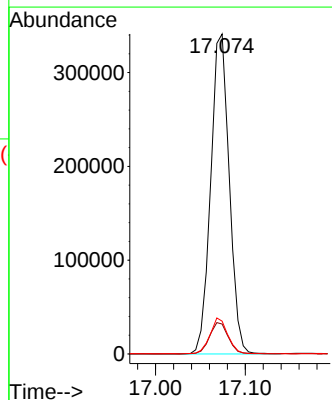
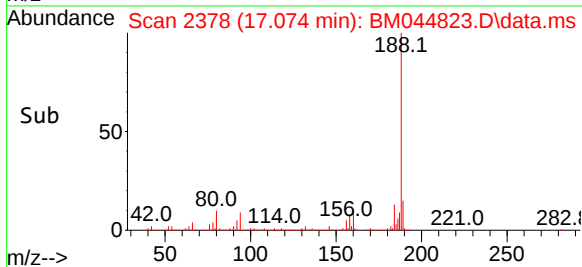
Tgt Ion:152 Resp: 177278
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 13.9 10.2 15.2

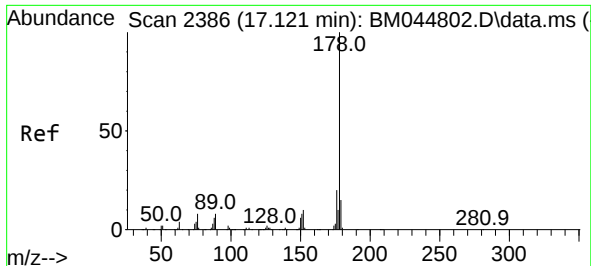


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.074 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04



Tgt Ion:188 Resp: 489680
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 8.6 12.8

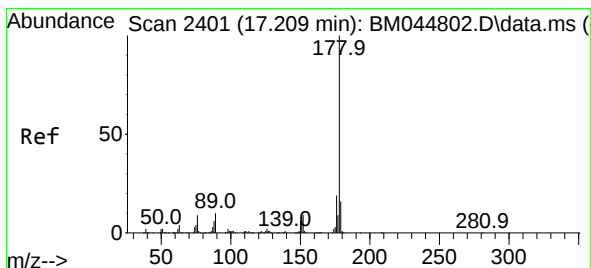
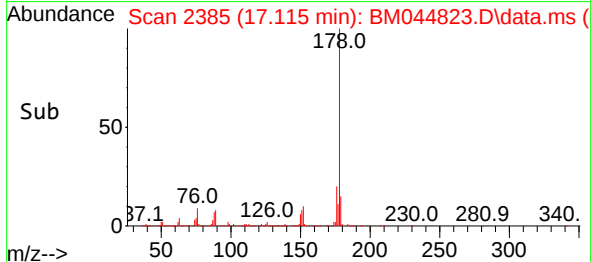
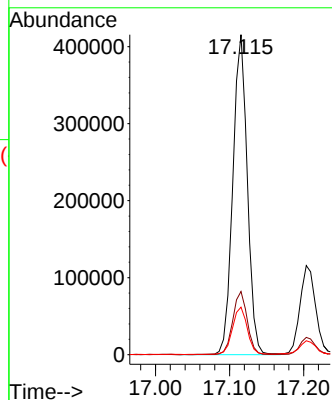
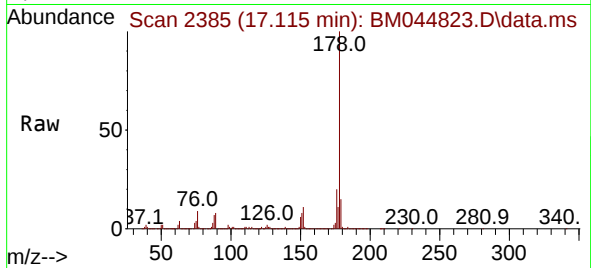




#71
Phenanthrene
Concen: 20.647 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

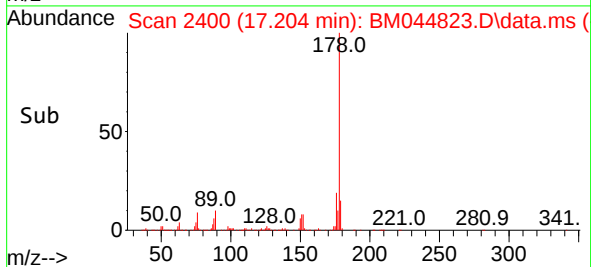
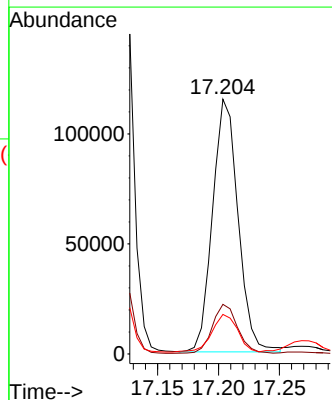
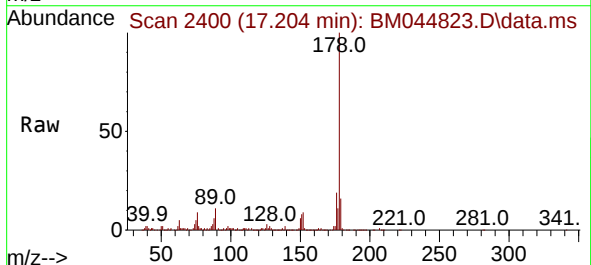
Instrument :
BNA_M
ClientSampleId :

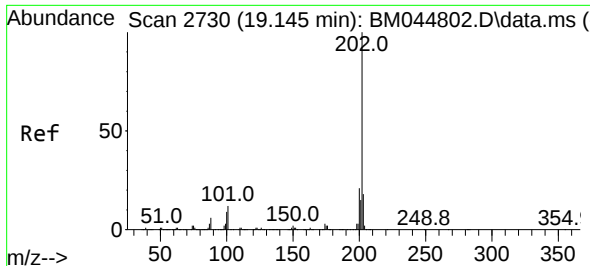
Tgt Ion:178 Resp: 564070
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 6.079 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:178 Resp: 167746
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.8 19.2

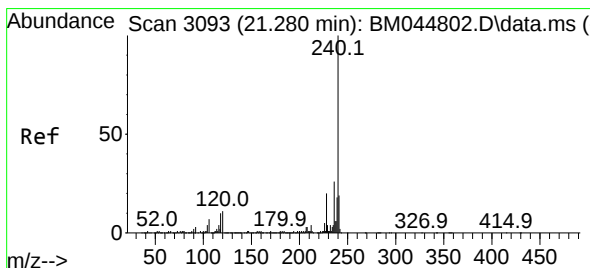
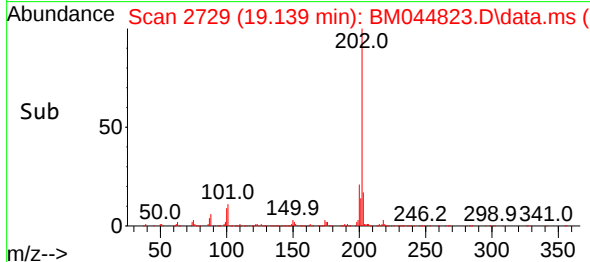
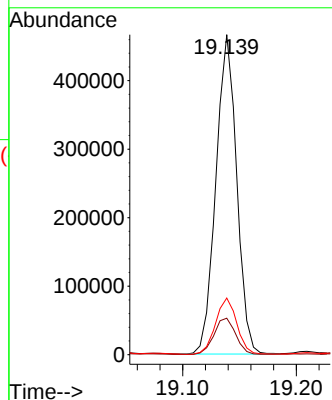
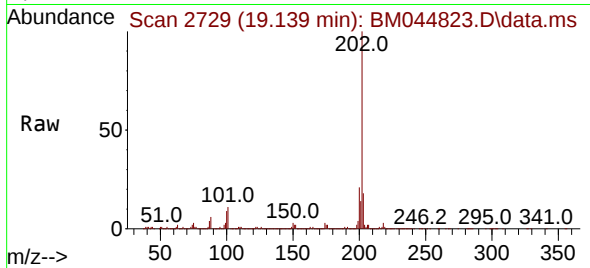




#75
Fluoranthene
Concen: 21.777 ng
RT: 19.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

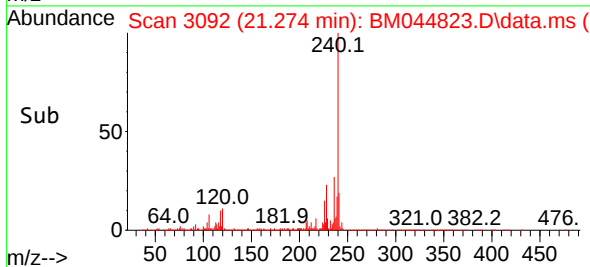
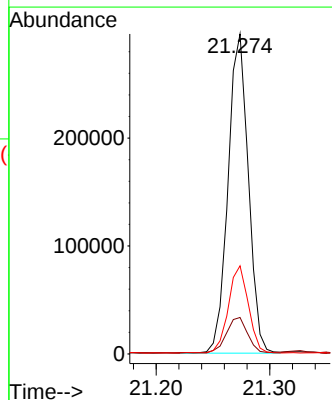
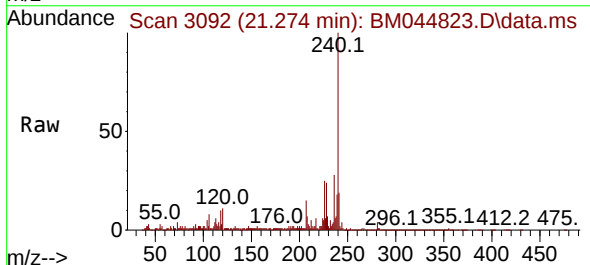
Instrument :
BNA_M
ClientSampleId :

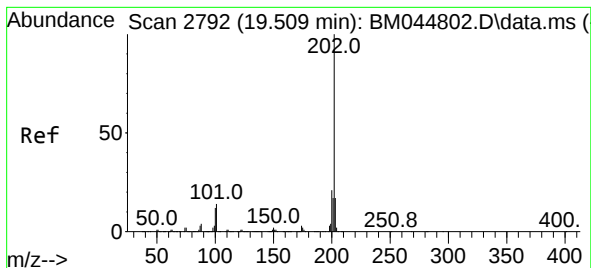
Tgt Ion:202 Resp: 593844
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:240 Resp: 366894
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 27.5 20.8 31.2





#78

Pyrene

Concen: 33.703 ng

RT: 19.503 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :

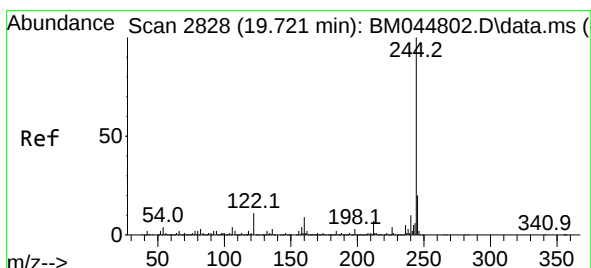
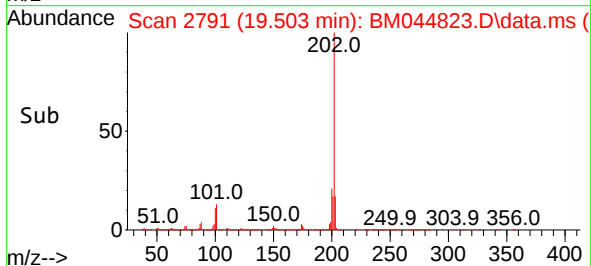
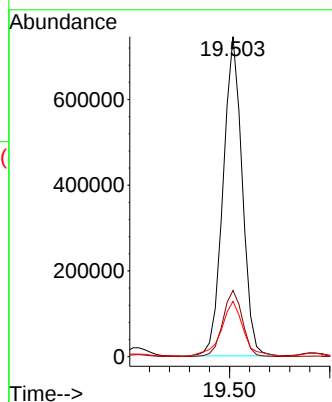
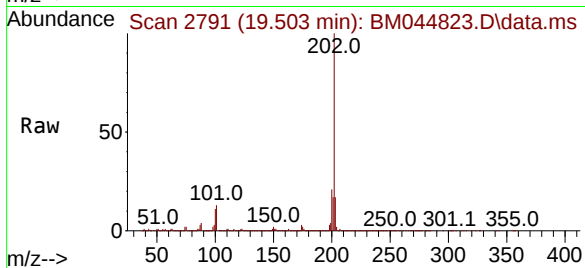
Tgt Ion:202 Resp: 985334

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.3 13.9 20.9



#79

Terphenyl-d14

Concen: 30.210 ng

RT: 19.715 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

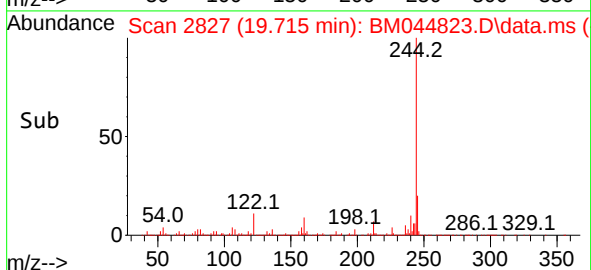
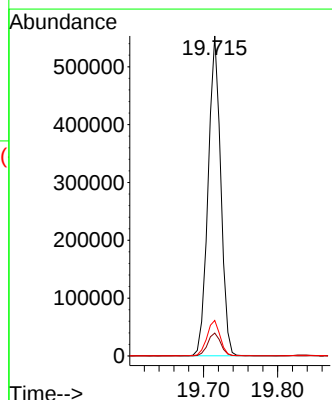
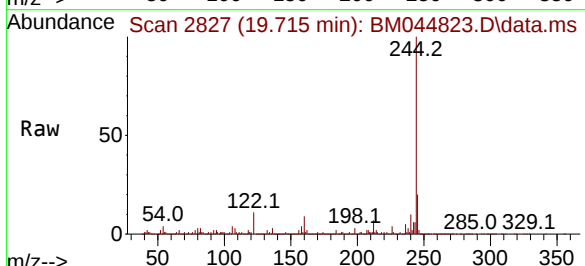
Tgt Ion:244 Resp: 654032

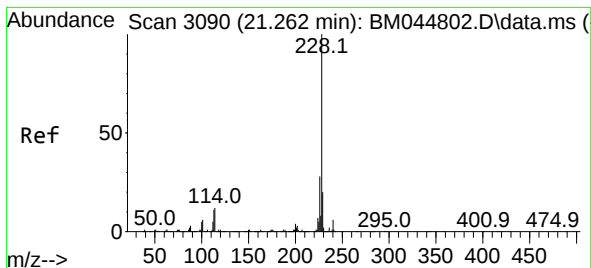
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.1 8.8 13.2





#81

Benzo(a)anthracene

Concen: 18.746 ng

RT: 21.309 min Scan# 3098

Delta R.T. 0.047 min

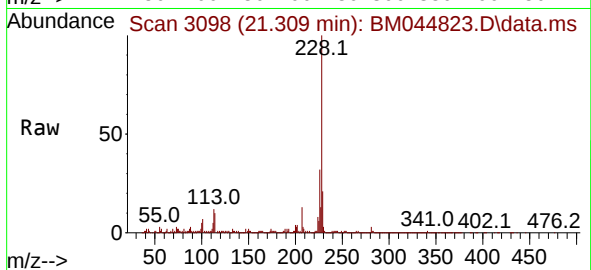
Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :



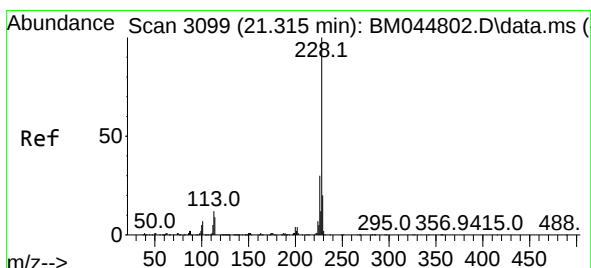
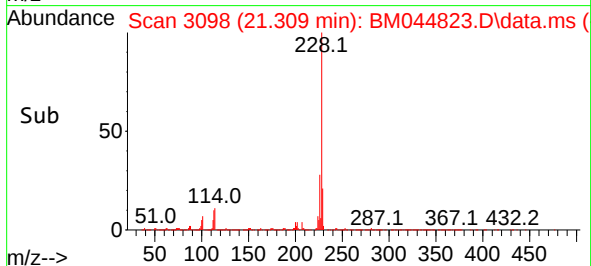
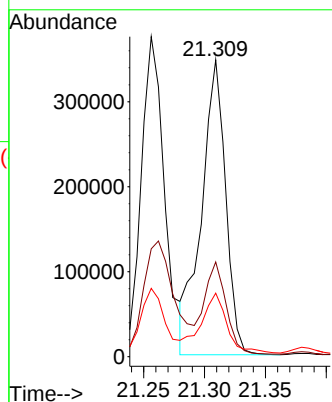
Tgt Ion:228 Resp: 479416

Ion Ratio Lower Upper

228 100

226 31.9 22.1 33.1

229 21.4 15.8 23.8



#83

Chrysene

Concen: 19.559 ng

RT: 21.309 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

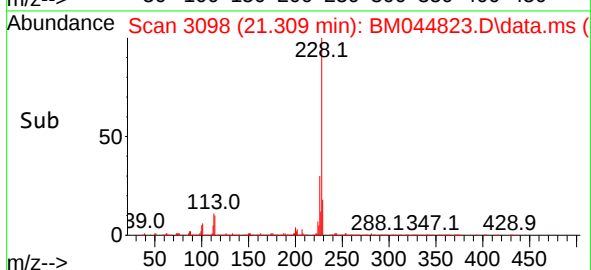
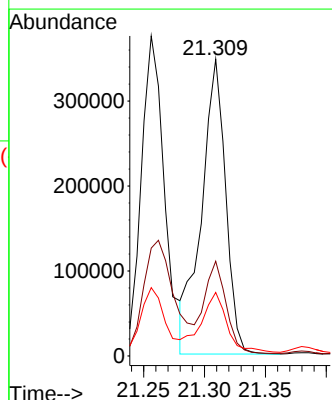
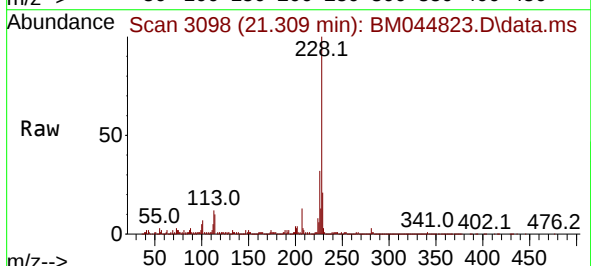
Tgt Ion:228 Resp: 479416

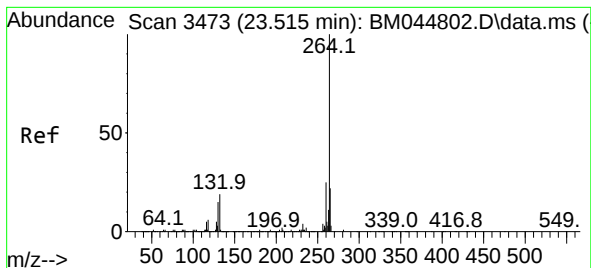
Ion Ratio Lower Upper

228 100

226 31.9 23.7 35.5

229 21.4 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :

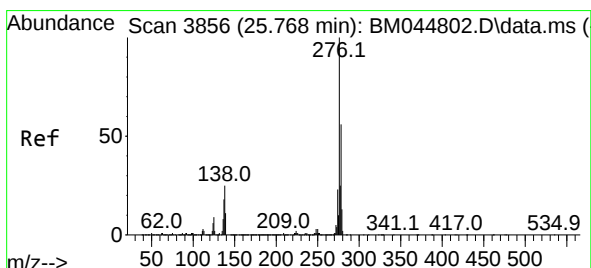
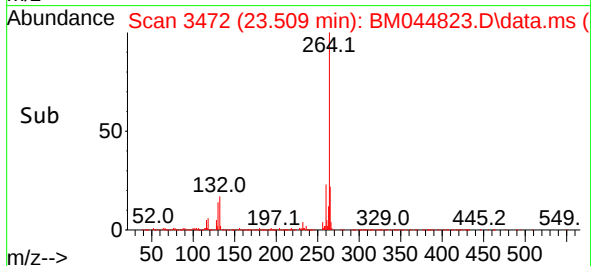
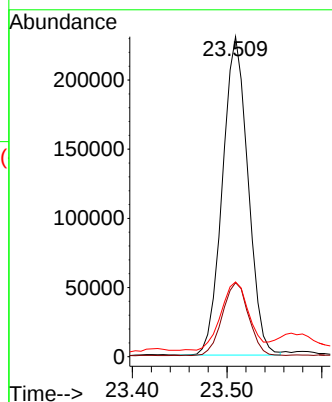
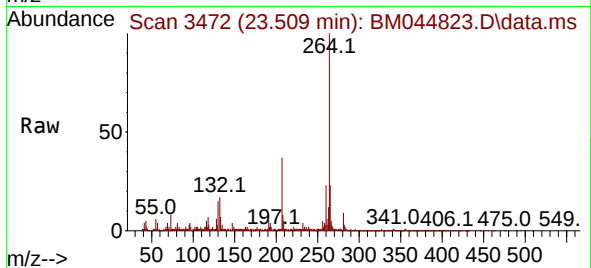
Tgt Ion:264 Resp: 430795

Ion Ratio Lower Upper

264 100

260 23.2 19.7 29.5

265 23.4 18.9 28.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.150 ng

RT: 25.762 min Scan# 3855

Delta R.T. -0.006 min

Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

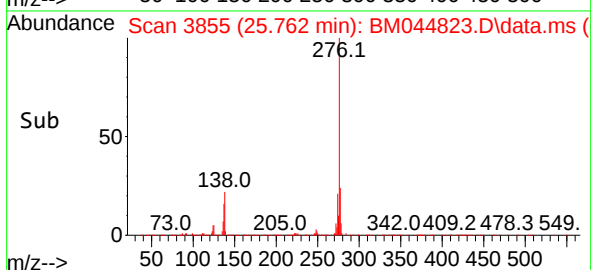
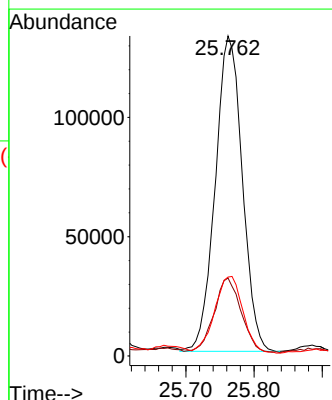
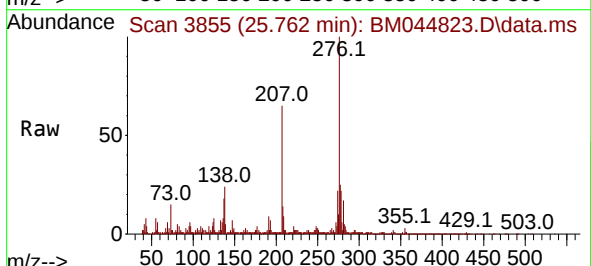
Tgt Ion:276 Resp: 364876

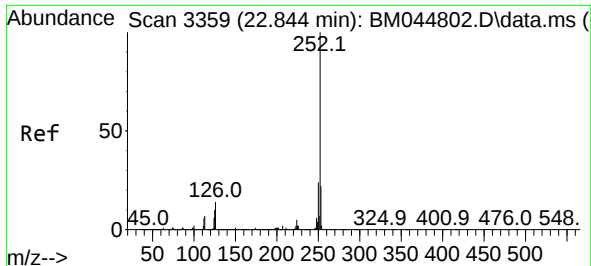
Ion Ratio Lower Upper

276 100

138 23.5 22.2 33.2

277 25.5 20.2 30.4

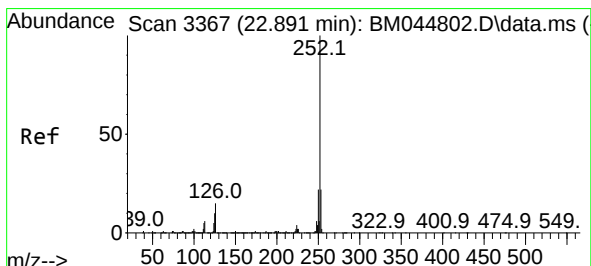
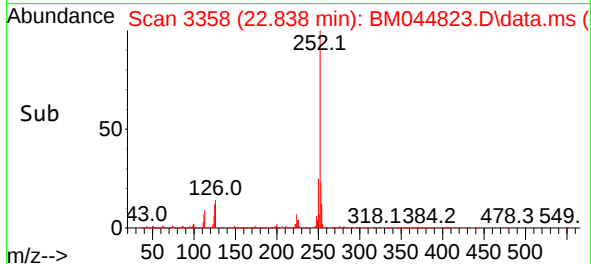
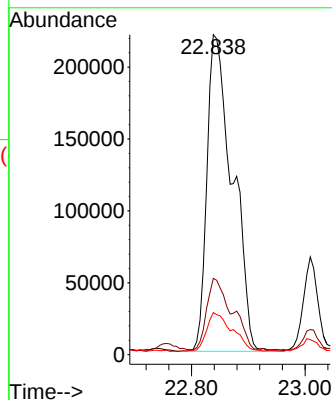
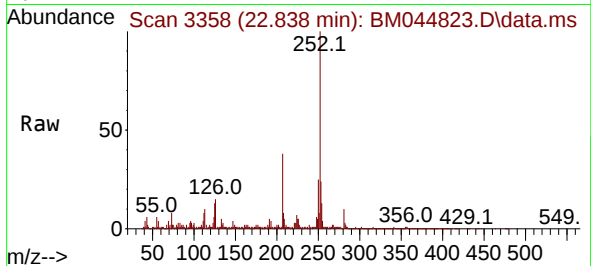




#88
Benzo(b)fluoranthene
Concen: 28.117 ng
RT: 22.838 min Scan# 3358
Delta R.T. -0.006 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

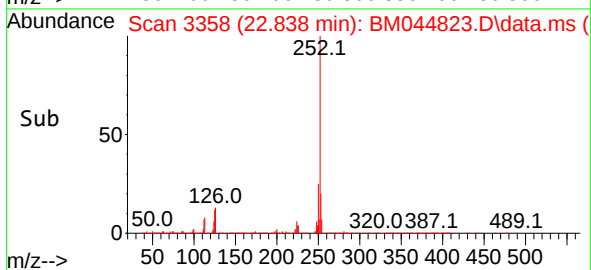
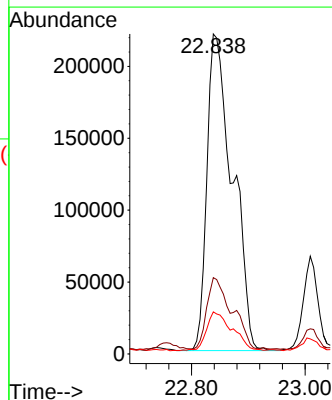
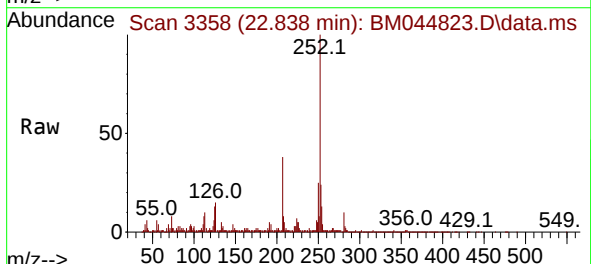
Instrument :
BNA_M
ClientSampleId :

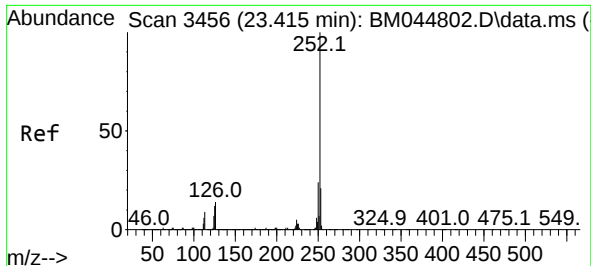
Tgt Ion:252 Resp: 686382
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.2 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 28.001 ng
RT: 22.838 min Scan# 3358
Delta R.T. -0.053 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:252 Resp: 686382
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 13.2 8.3 12.5#

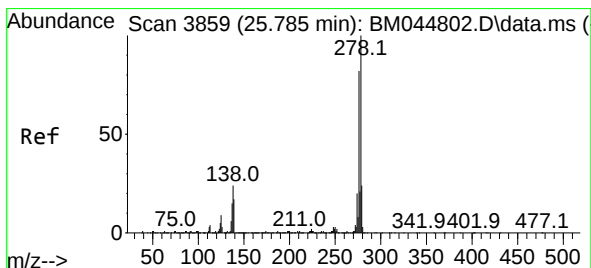
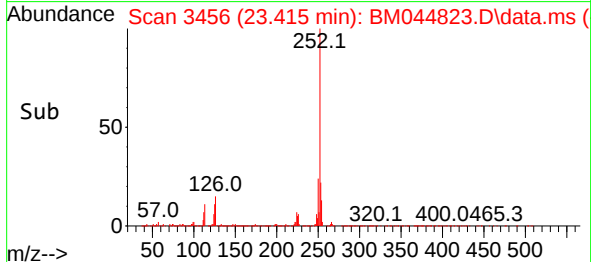
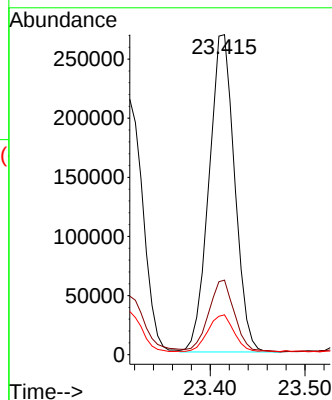
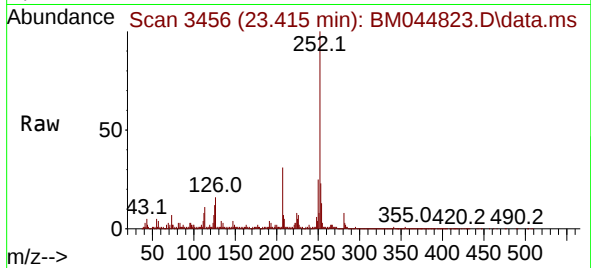




#90
Benzo(a)pyrene
Concen: 20.414 ng
RT: 23.415 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

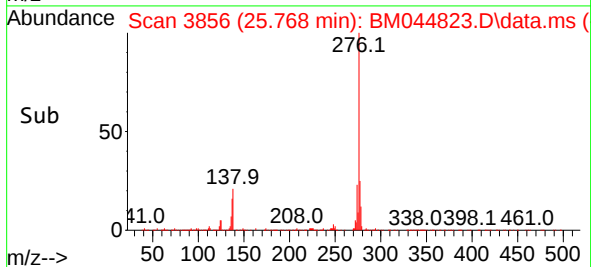
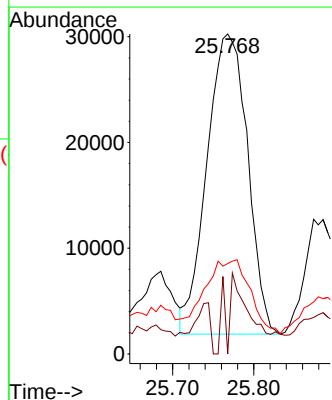
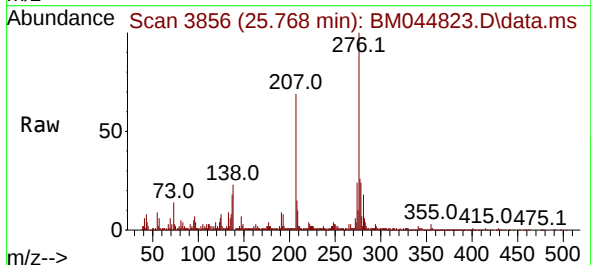
Instrument :
BNA_M
ClientSampleId :

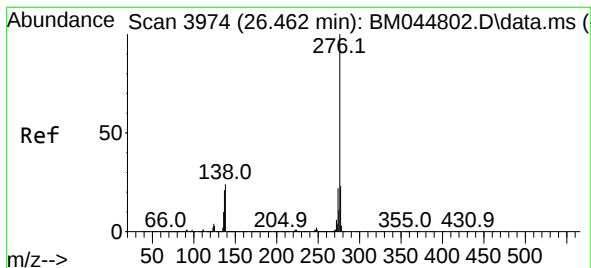
Tgt Ion:252 Resp: 505745
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.4 9.8 14.8



#91
Dibenzo(a,h)anthracene
Concen: 3.649 ng
RT: 25.768 min Scan# 3856
Delta R.T. -0.018 min
Lab File: BM044823.D
Acq: 29 Mar 2024 20:04

Tgt Ion:278 Resp: 98894
Ion Ratio Lower Upper
278 100
139 0.0 13.6 20.4#
279 28.2 19.6 29.4





#92

Benzo(g,h,i)perylene

Concen: 17.721 ng

RT: 26.456 min Scan# 3973

Delta R.T. -0.006 min

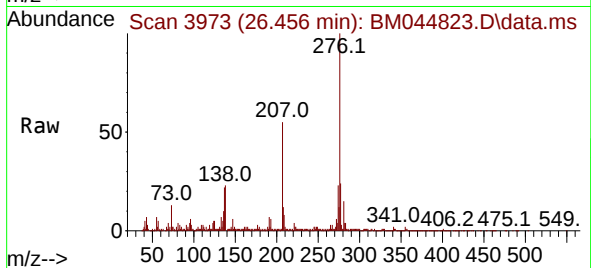
Lab File: BM044823.D

Acq: 29 Mar 2024 20:04

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 499702

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 23.2 19.2 28.8

