

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044819.D
 Acq On : 29 Mar 2024 17:37
 Operator : MA/JU
 Sample : P1894-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RB40858RT

Quant Time: Mar 29 18:34:50 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)

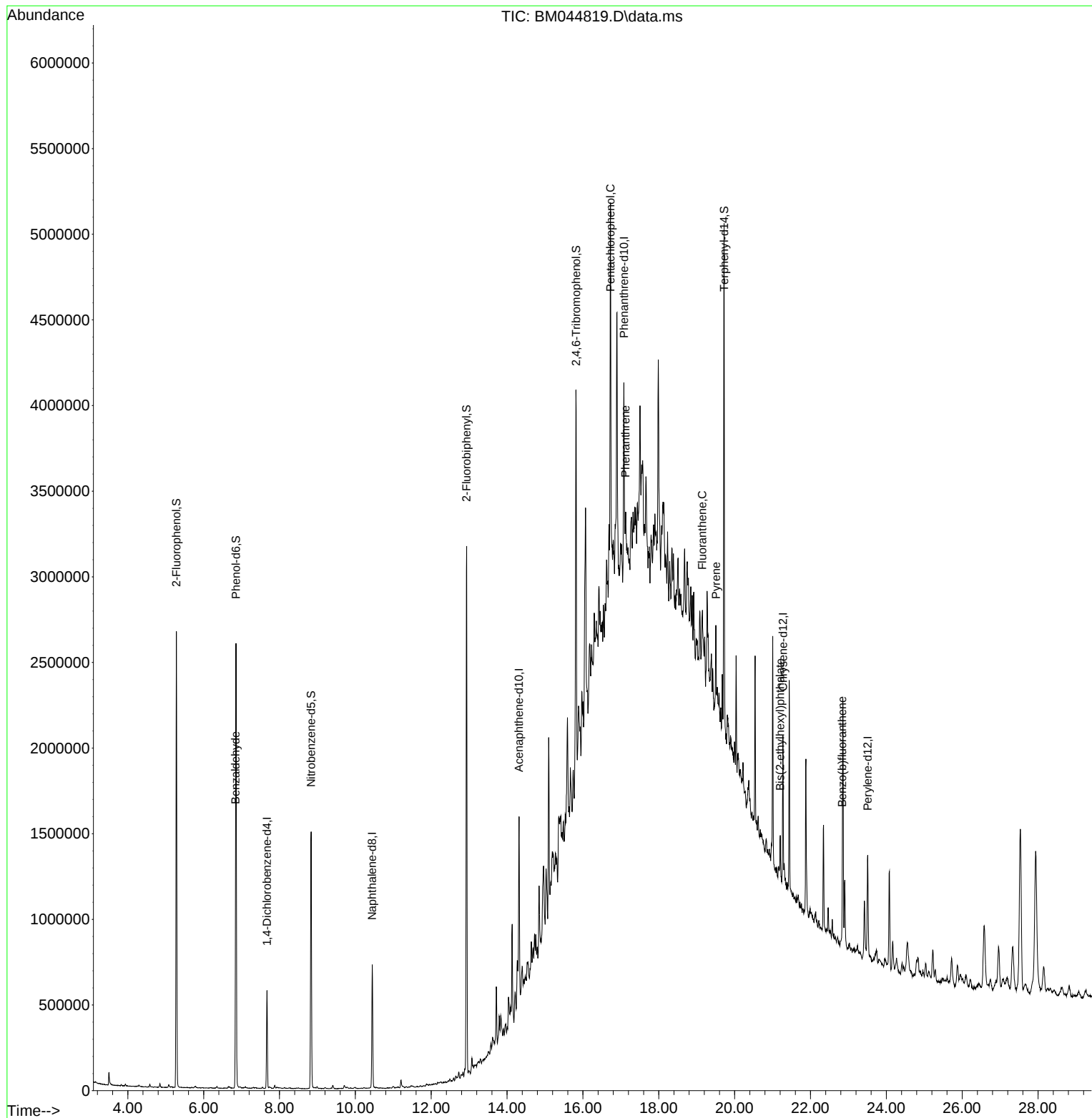
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	142155	20.000	ng	0.00
21) Naphthalene-d8	10.446	136	561349	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	312187	20.000	ng	0.00
64) Phenanthrene-d10	17.080	188	493633	20.000	ng	# 0.00
76) Chrysene-d12	21.274	240	339307	20.000	ng	0.00
86) Perylene-d12	23.509	264	400536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	1016435	102.404	ng	0.00
7) Phenol-d6	6.852	99	1327768	103.129	ng	0.00
23) Nitrobenzene-d5	8.834	82	827130	66.424	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	358553	105.103	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	1507475	61.846	ng	0.00
79) Terphenyl-d14	19.721	244	1266400	63.252	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.840	77	13953	2.084	ng	87
70) Pentachlorophenol	16.728	266	331300	85.575	ng	98
71) Phenanthrene	17.122	178	77600	2.818	ng	# 73
75) Fluoranthene	19.145	202	65593	2.386	ng	80
78) Pyrene	19.510	202	67470	2.495	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.204	149	73354	5.473	ng	# 94
88) Benzo(b)fluoranthene	22.839	252	50807	2.238	ng	# 66

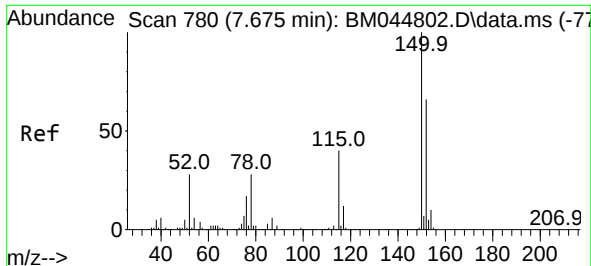
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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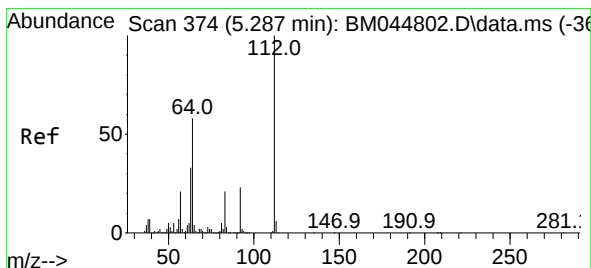
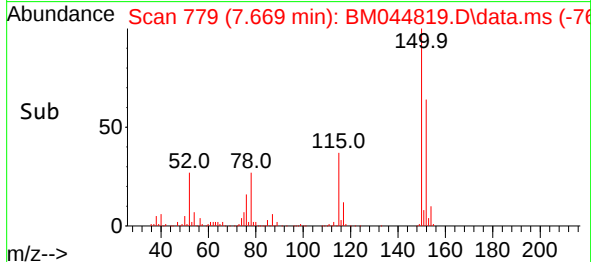
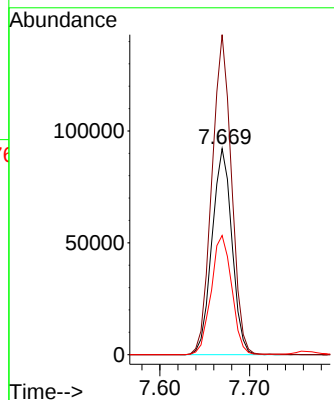
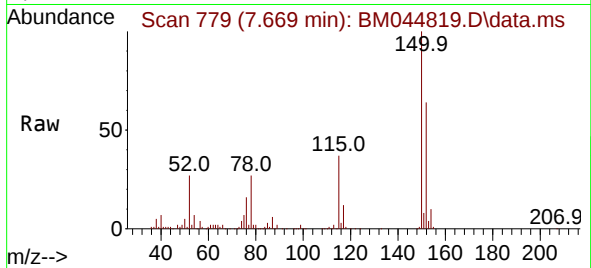




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

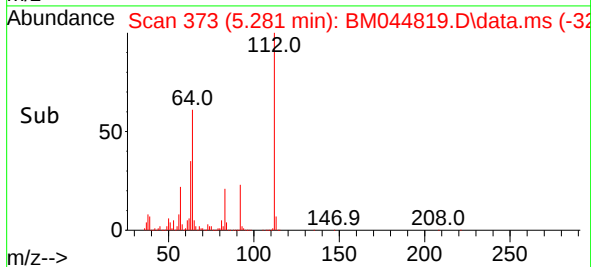
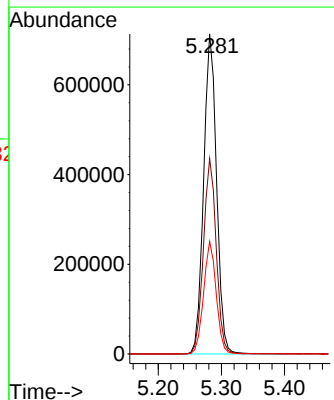
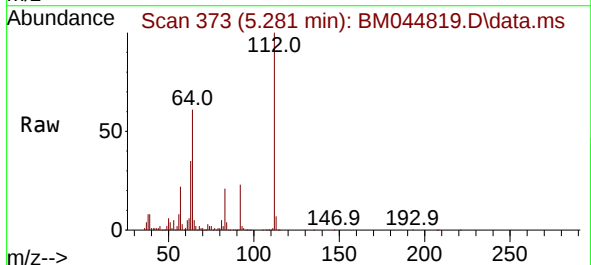
Instrument :
BNA_M
ClientSampleId :
RB40858RT

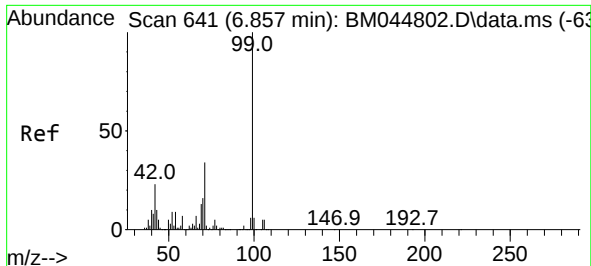
Tgt Ion:152 Resp: 142155
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.6
115 57.9 48.3 72.5



#5
2-Fluorophenol
Concen: 102.404 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion:112 Resp: 1016435
Ion Ratio Lower Upper
112 100
64 61.0 46.4 69.6
63 35.2 26.2 39.4



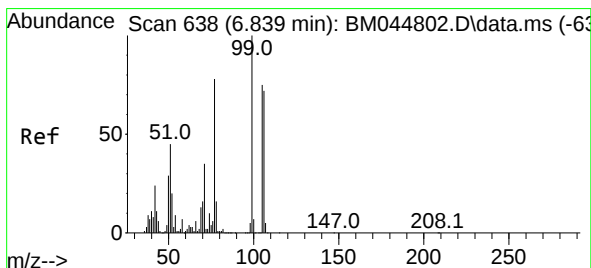
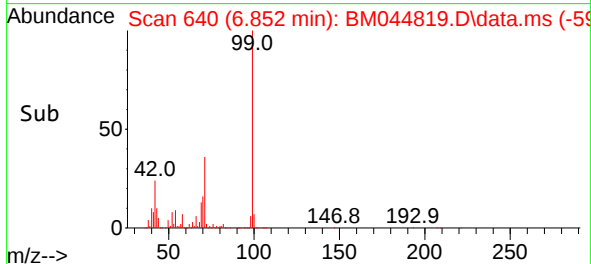
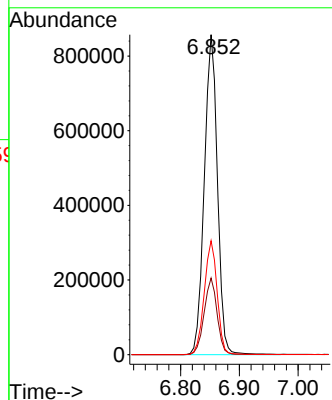
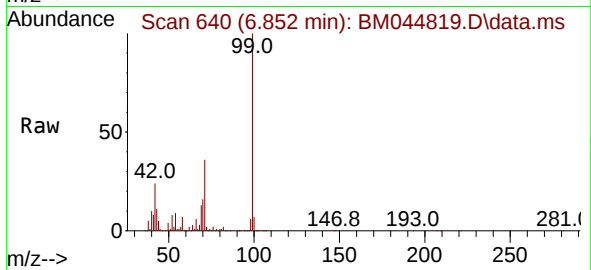


#7
Phenol-d6
Concen: 103.129 ng
RT: 6.852 min Scan# 641
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Instrument :
BNA_M
ClientSampleId :
RB40858RT

Tgt Ion: 99 Resp: 1327768

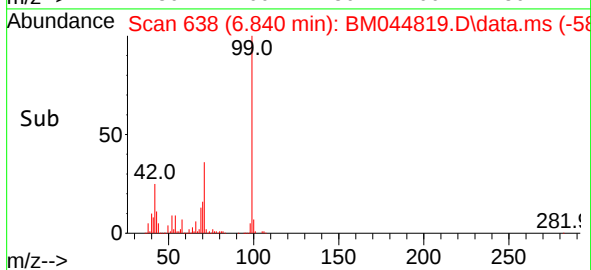
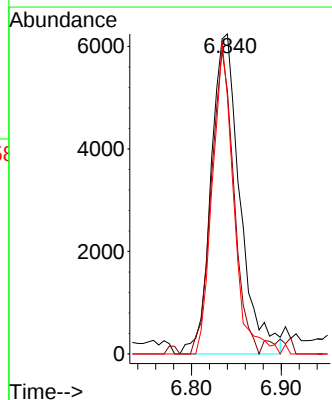
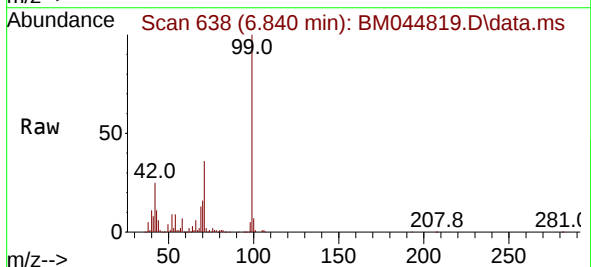
Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.2	27.4
71	35.6	27.3	40.9

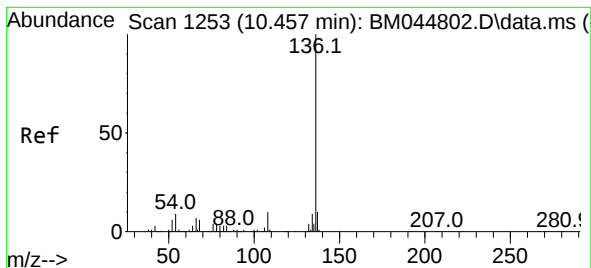


#9
Benzaldehyde
Concen: 2.084 ng
RT: 6.840 min Scan# 638
Delta R.T. 0.000 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion: 77 Resp: 13953

Ion	Ratio	Lower	Upper
77	100		
105	82.3	75.7	115.7
106	80.5	71.6	111.6

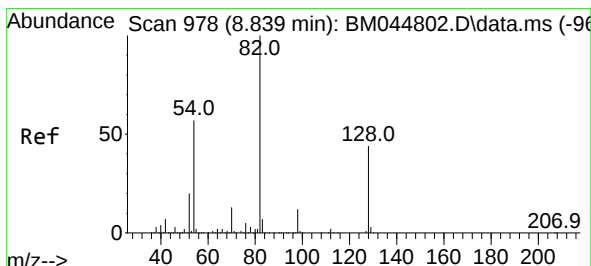
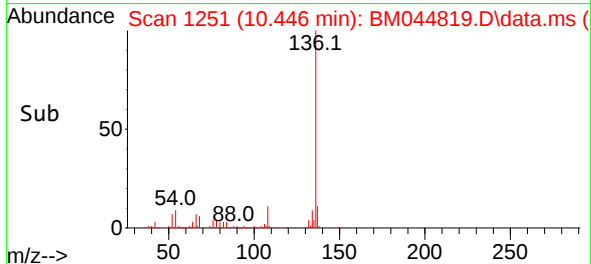
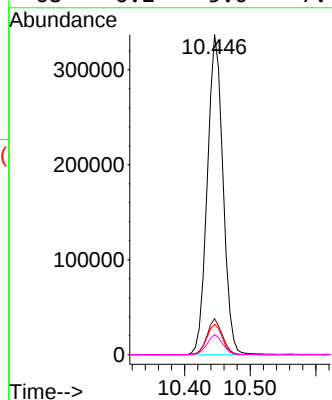
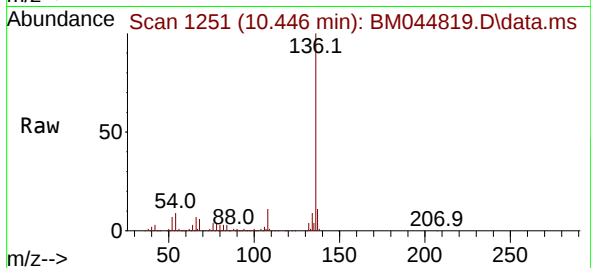




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.446 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

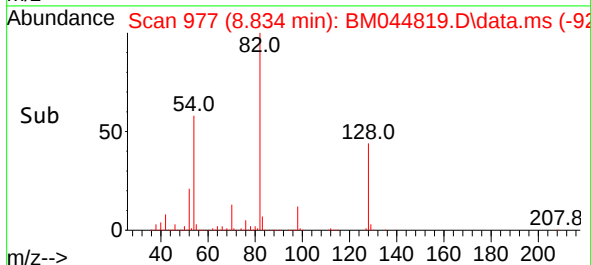
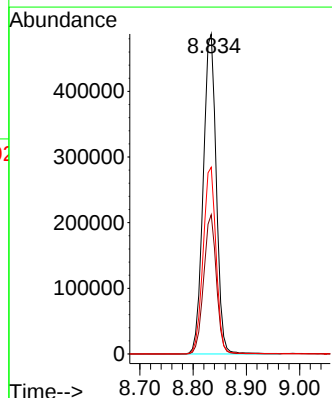
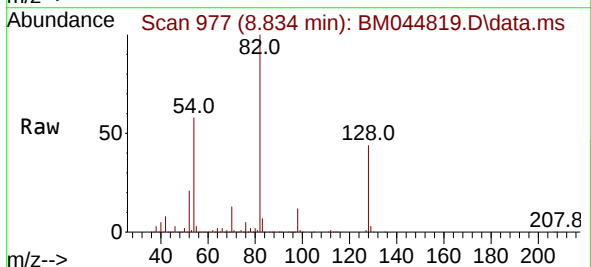
Instrument :
BNA_M
ClientSampleId :
RB40858RT

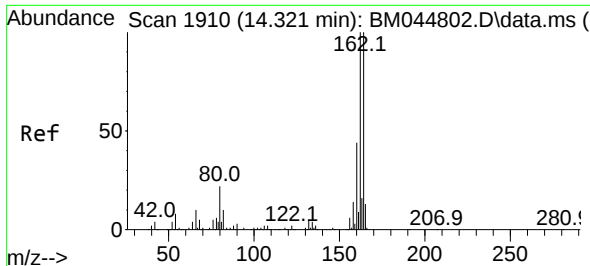
Tgt Ion:136 Resp: 561349
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.4 7.3 10.9
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 66.424 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion: 82 Resp: 827130
Ion Ratio Lower Upper
82 100
128 43.5 34.8 52.2
54 58.4 45.4 68.0

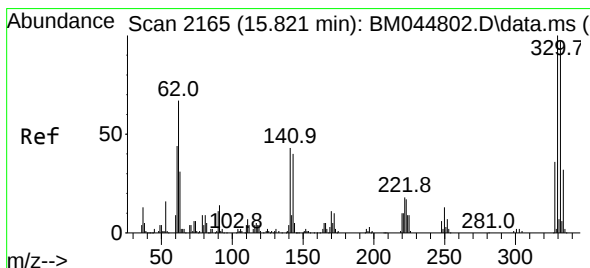
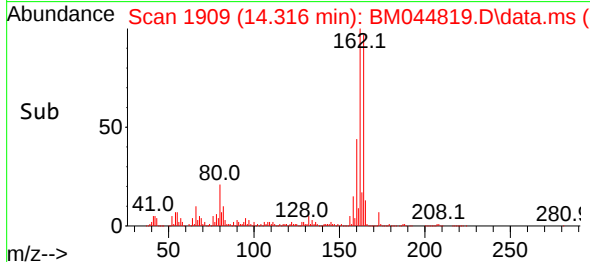
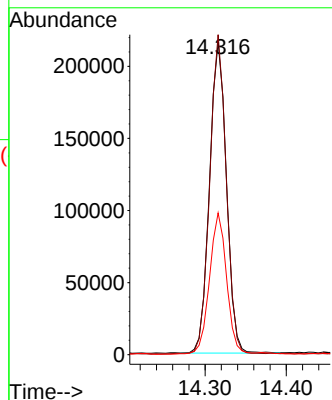
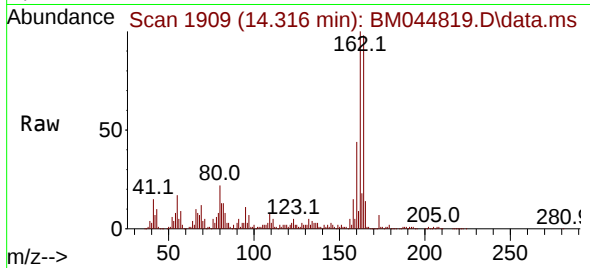




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.316 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

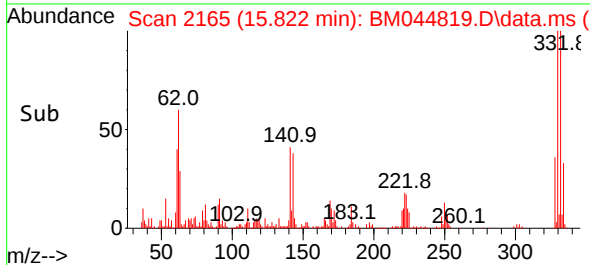
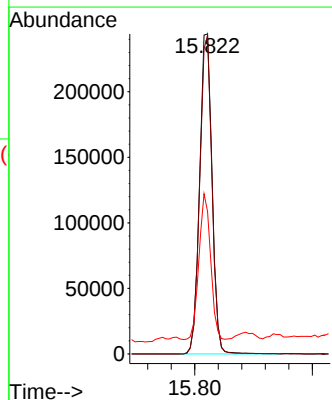
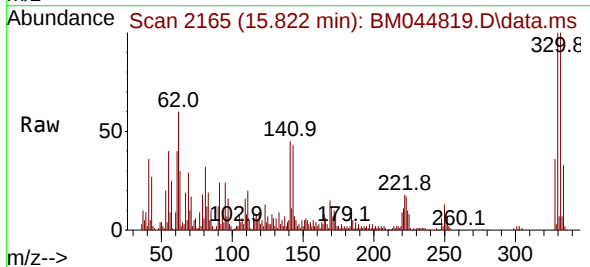
Instrument :
BNA_M
ClientSampleId :
RB40858RT

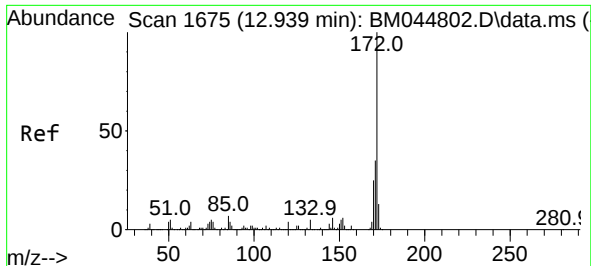
Tgt Ion:164 Resp: 312187
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.4
160 45.4 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 105.103 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion:330 Resp: 358553
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 42.7 34.1 51.1

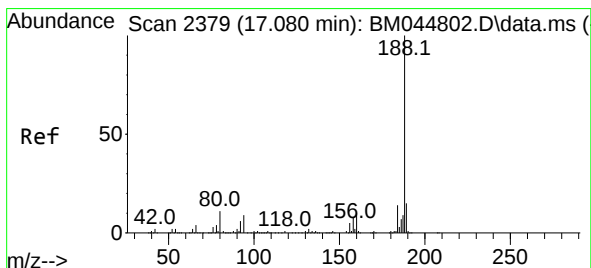
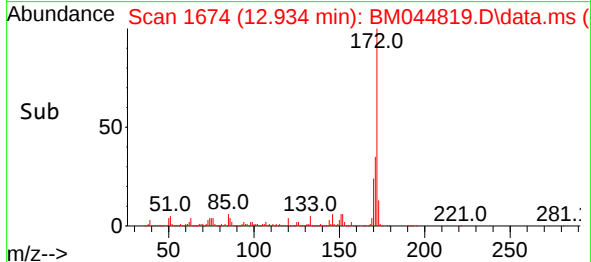
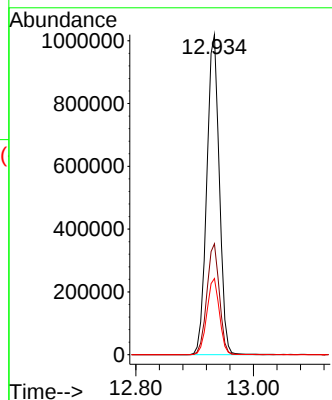
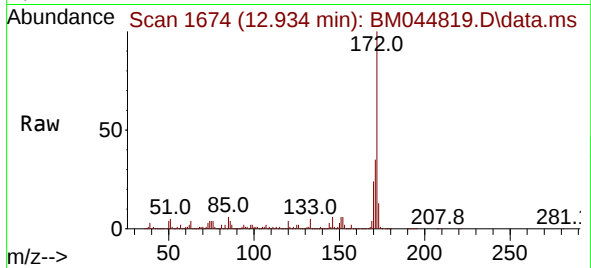




#45
2-Fluorobiphenyl
Concen: 61.846 ng
RT: 12.934 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

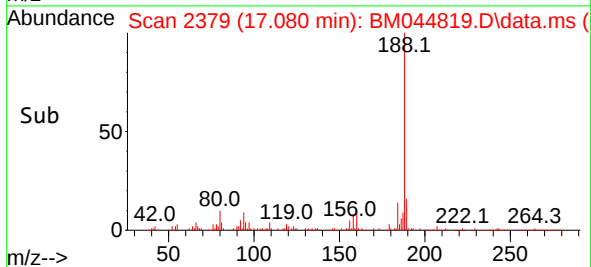
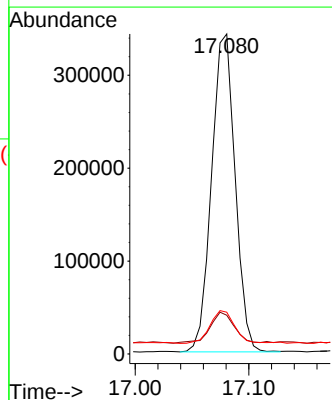
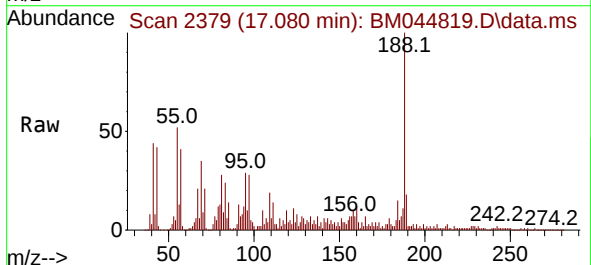
Instrument :
BNA_M
ClientSampleId :
RB40858RT

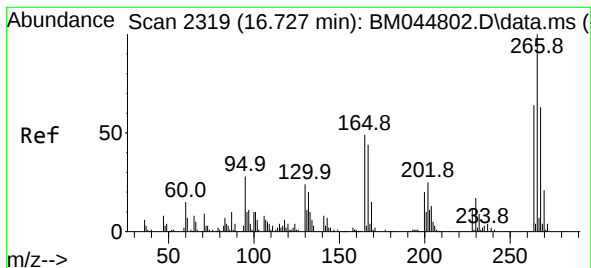
Tgt Ion:172 Resp: 1507475
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.8 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. 0.000 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion:188 Resp: 493633
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.0#
80 13.1 8.6 12.8#





#70

Pentachlorophenol

Concen: 85.575 ng

RT: 16.728 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

RB40858RT

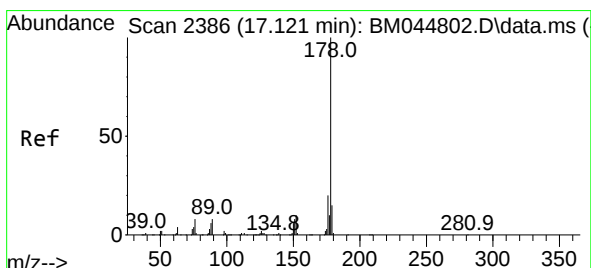
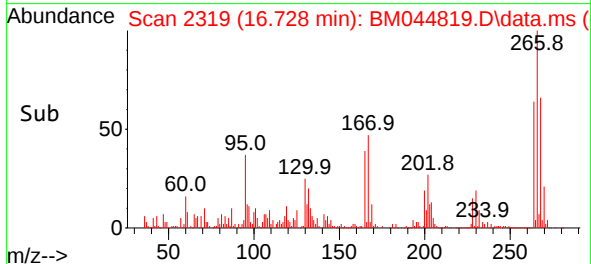
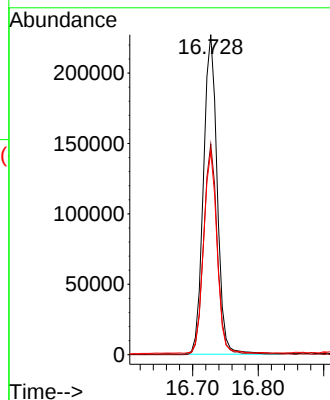
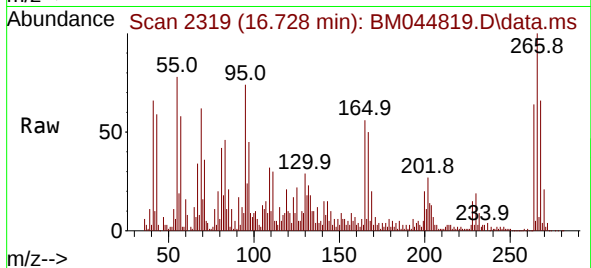
Tgt Ion:266 Resp: 331300

Ion Ratio Lower Upper

266 100

268 65.8 50.6 75.8

264 63.6 51.3 76.9



#71

Phenanthrene

Concen: 2.818 ng

RT: 17.122 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

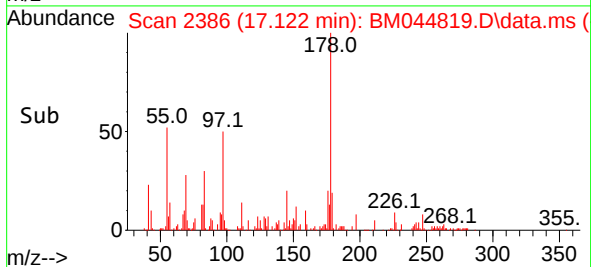
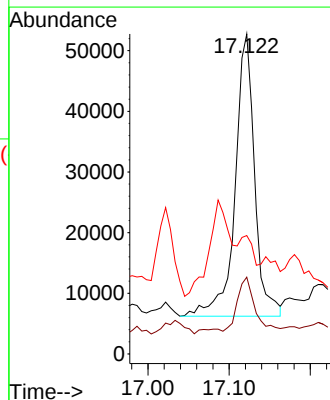
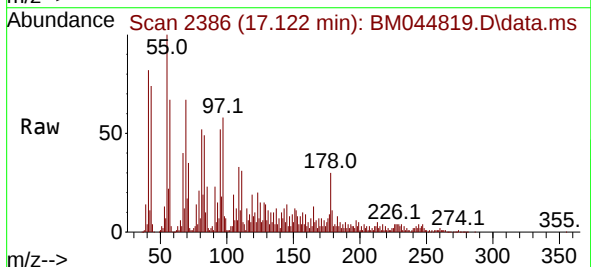
Tgt Ion:178 Resp: 77600

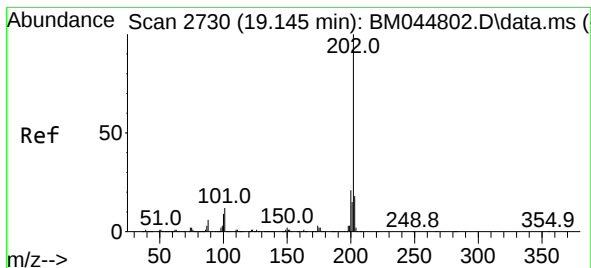
Ion Ratio Lower Upper

178 100

176 24.0 16.0 24.0

179 37.0 12.2 18.2#





#75

Fluoranthene

Concen: 2.386 ng

RT: 19.145 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

RB40858RT

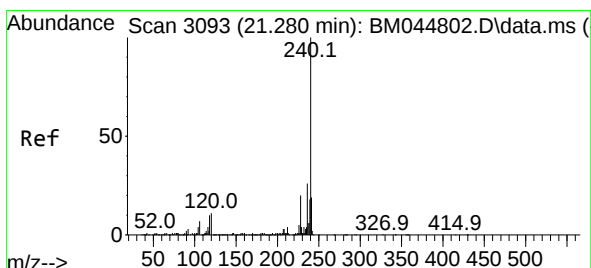
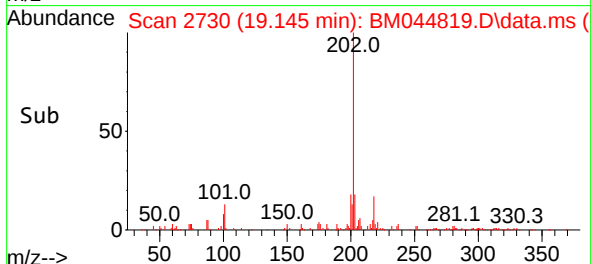
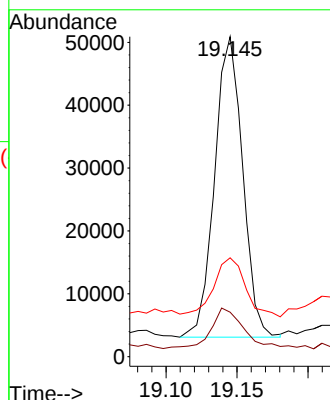
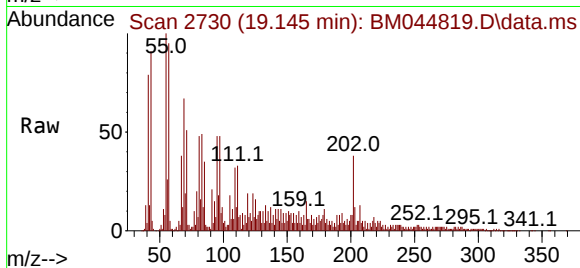
Tgt Ion:202 Resp: 65593

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.2

203 30.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.274 min Scan# 3092

Delta R.T. -0.005 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

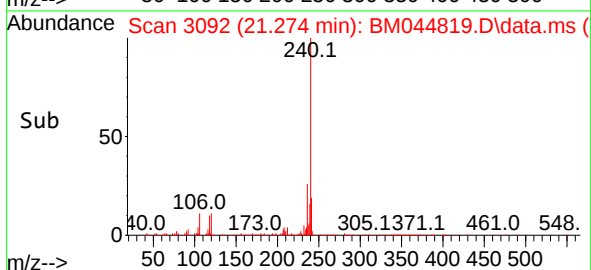
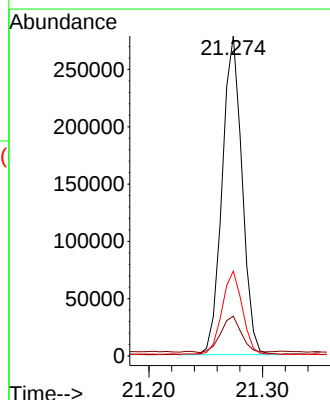
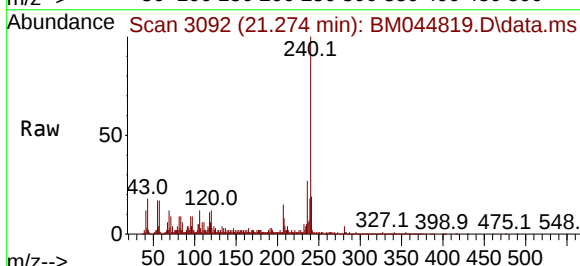
Tgt Ion:240 Resp: 339307

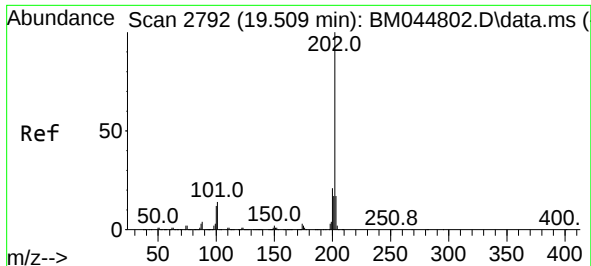
Ion Ratio Lower Upper

240 100

120 12.4 8.6 12.8

236 26.5 20.8 31.2

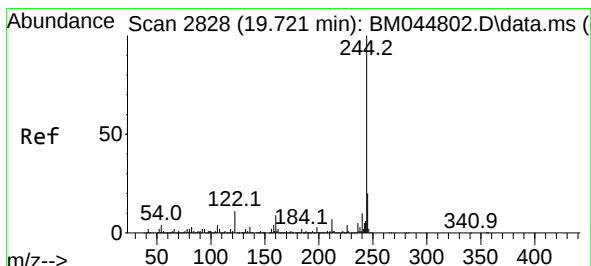
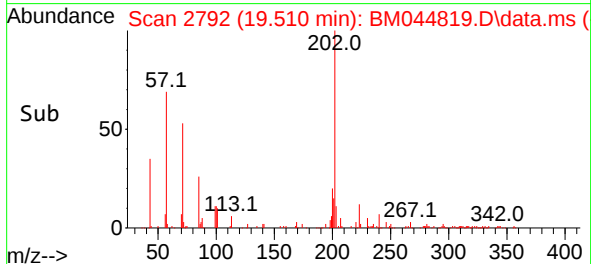
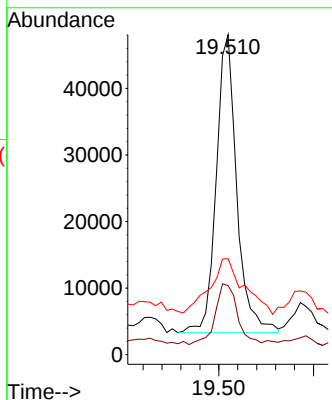
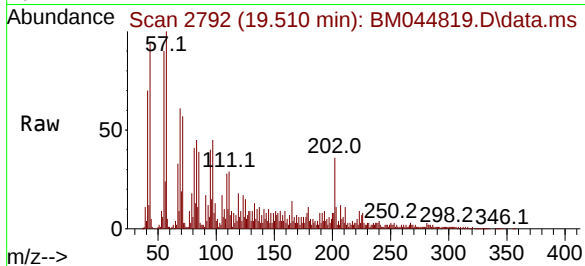




#78
 Pyrene
 Concen: 2.495 ng
 RT: 19.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044819.D
 Acq: 29 Mar 2024 17:37

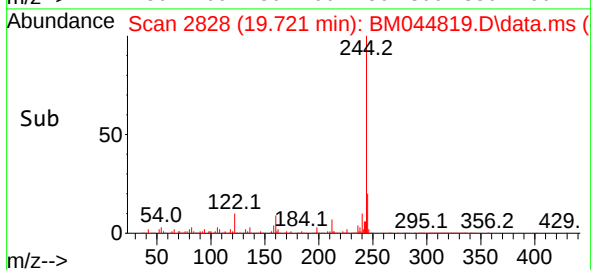
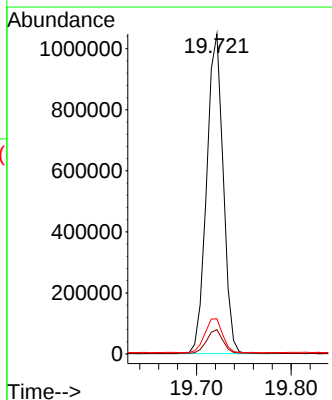
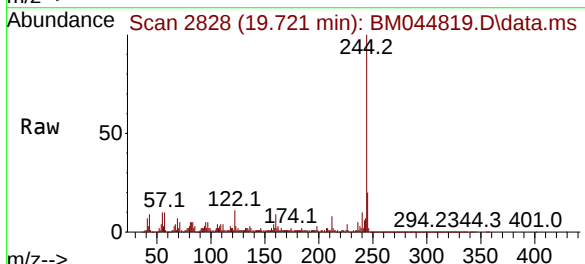
Instrument :
 BNA_M
 ClientSampleId :
 RB40858RT

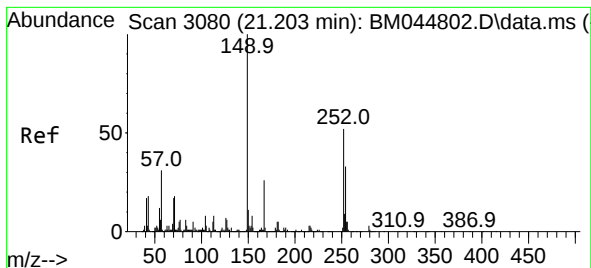
Tgt Ion:202 Resp: 67470
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.0 25.4
 203 30.0 13.9 20.9#



#79
 Terphenyl-d14
 Concen: 63.252 ng
 RT: 19.721 min Scan# 2828
 Delta R.T. 0.000 min
 Lab File: BM044819.D
 Acq: 29 Mar 2024 17:37

Tgt Ion:244 Resp: 1266400
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.0 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.473 ng

RT: 21.204 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

RB40858RT

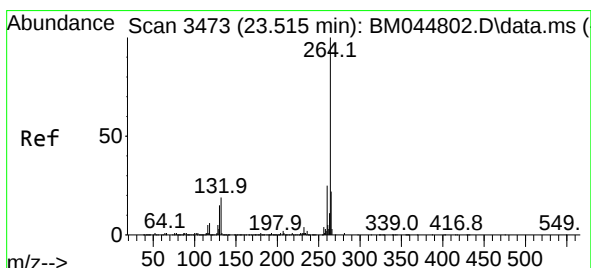
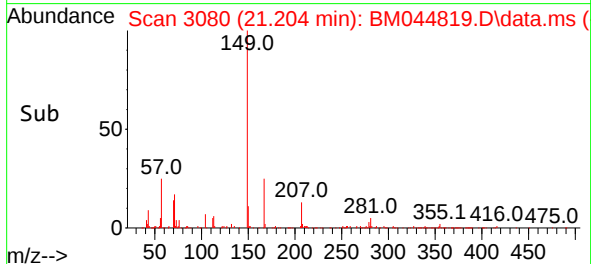
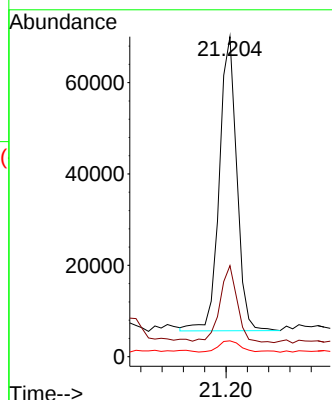
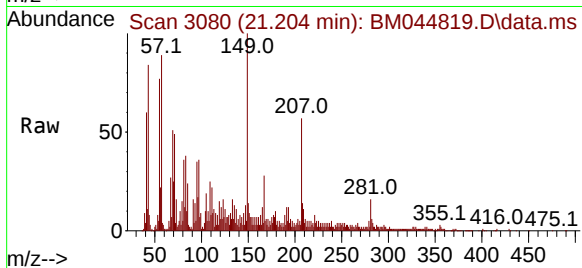
Tgt Ion:149 Resp: 73354

Ion Ratio Lower Upper

149 100

167 28.5 20.5 30.7

279 5.0 2.7 4.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.005 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

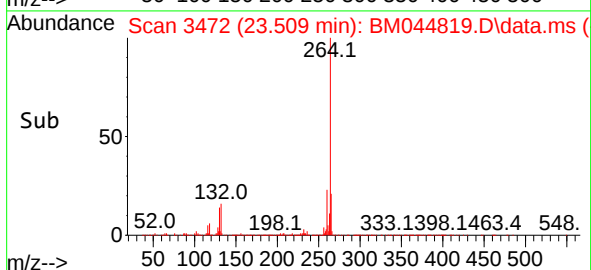
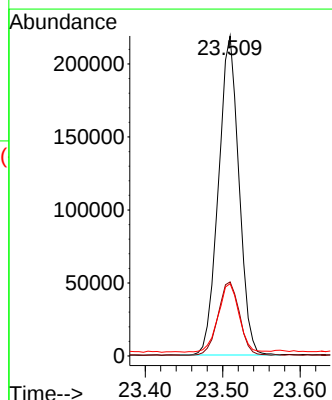
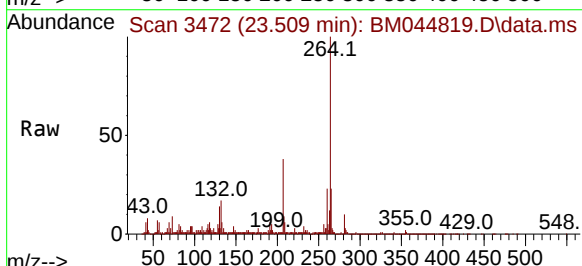
Tgt Ion:264 Resp: 400536

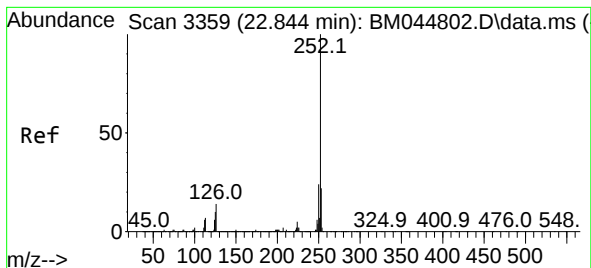
Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 22.6 18.9 28.3





#88

Benzo(b)fluoranthene

Concen: 2.238 ng

RT: 22.839 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM044819.D

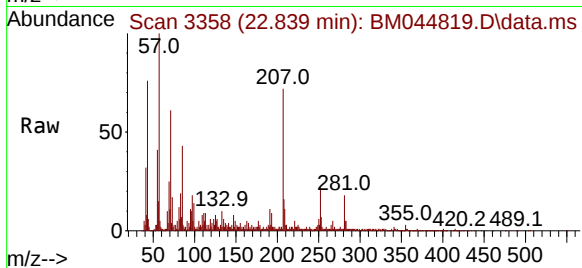
Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

RB40858RT



Tgt Ion:252 Resp: 50807

Ion Ratio Lower Upper

252 100

253 30.9 17.5 26.3#

125 35.6 8.6 12.8#

