

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 :

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)

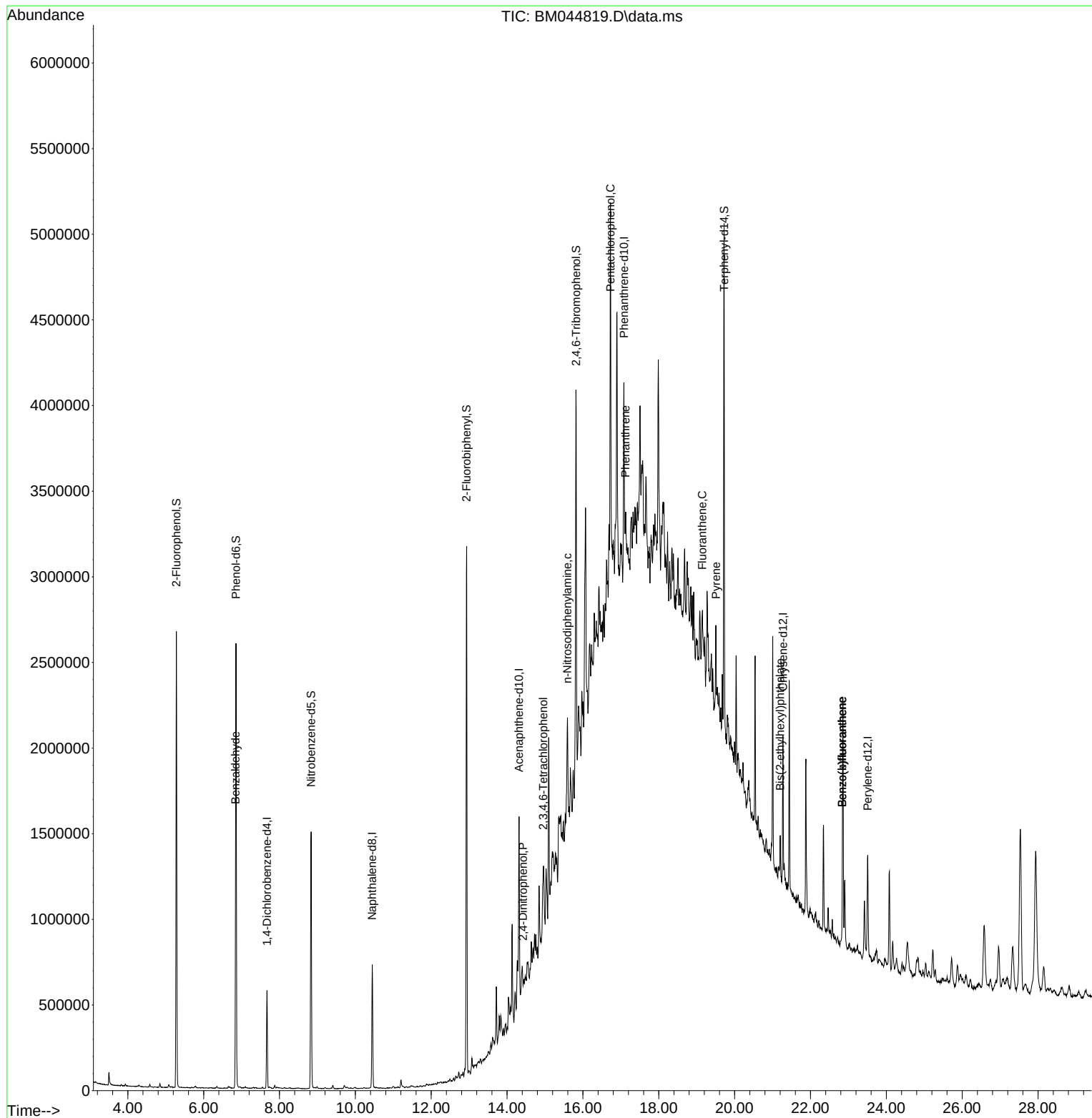
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	142155	20.000	ng	0.00
21) Naphthalene-d8	10.446	136	561349	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	312187	20.000	ng	0.00
64) Phenanthrene-d10	17.080	188	493633	20.000	ng	# 0.00
76) Chrysene-d12	21.274	240	339307	20.000	ng	0.00
86) Perylene-d12	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
54) 2,4-Dinitrophenol	14.422	184	78	6.033	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	14.951	232	10962	2.041	ng	# 27
66) n-Nitrosodiphenylamine	15.586	169	34527	2.110	ng	# 48
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
89) Benzo(k)fluoranthene	22.839	252	50807	2.229	ng	# 66

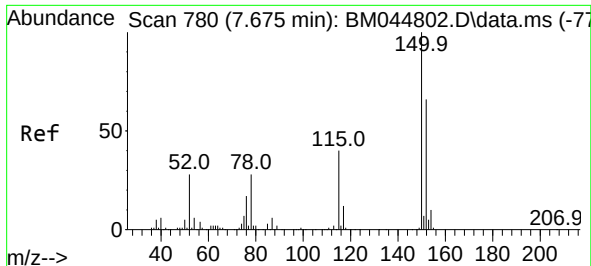
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
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BNA_M
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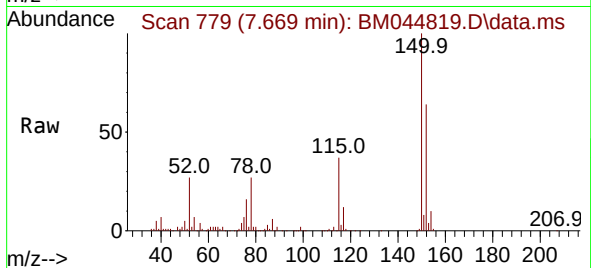
Quant Time: Mar 29 18:34:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
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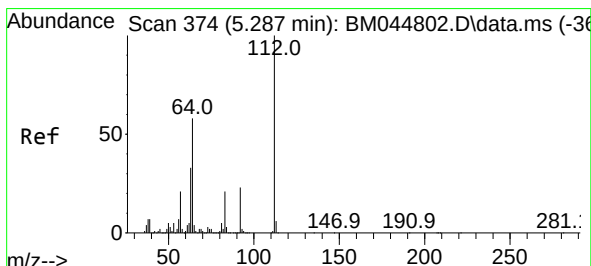
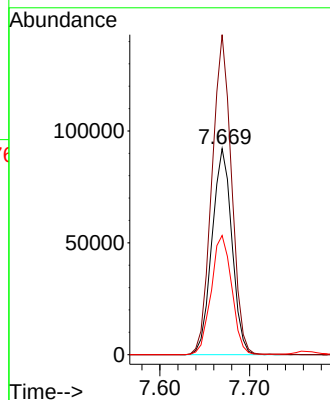
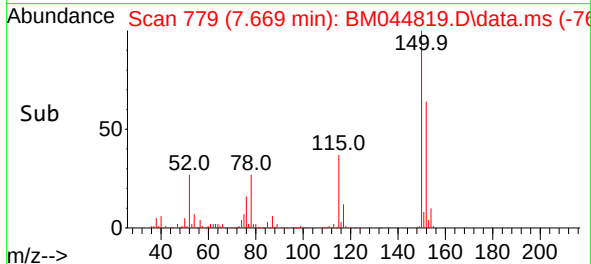


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Instrument :
BNA_M
ClientSampleId :

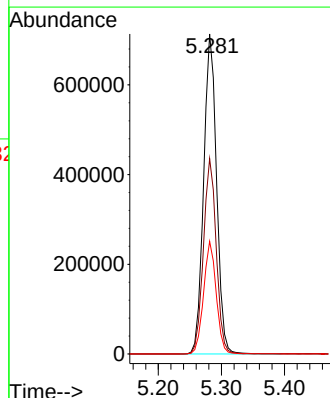
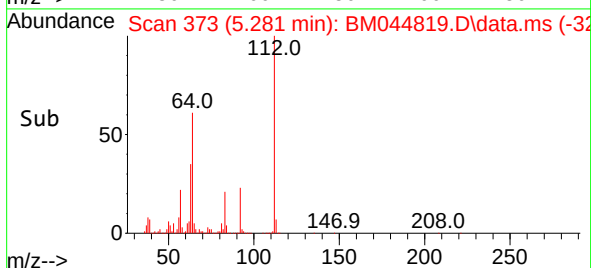
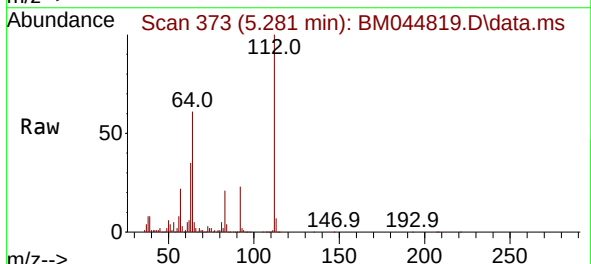


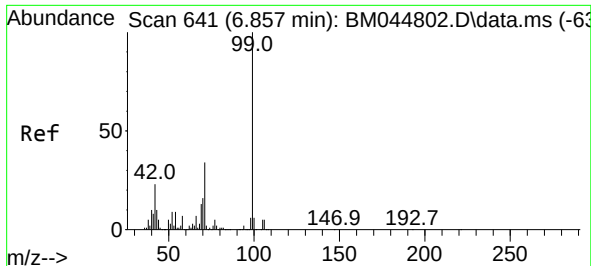
Tgt Ion:152 Resp: 142155
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.6
115 57.9 48.3 72.5



#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

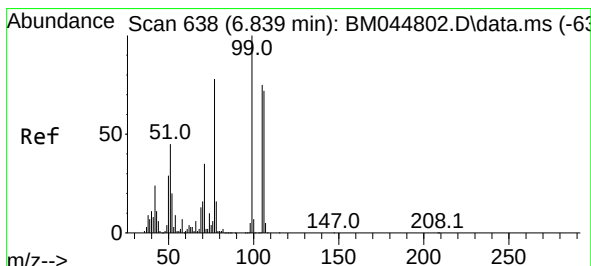
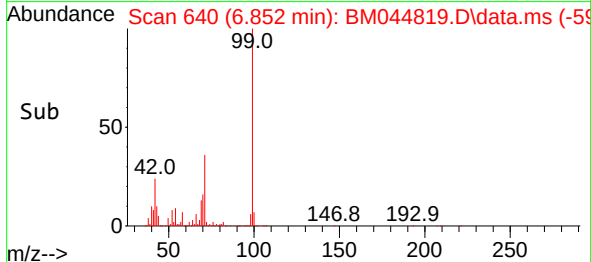
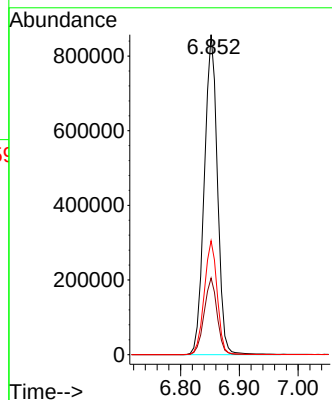
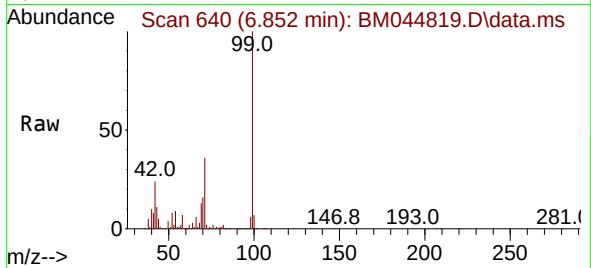




#7
Phenol-d6
Concen: 103.129 ng
RT: 6.852 min Scan# 641
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

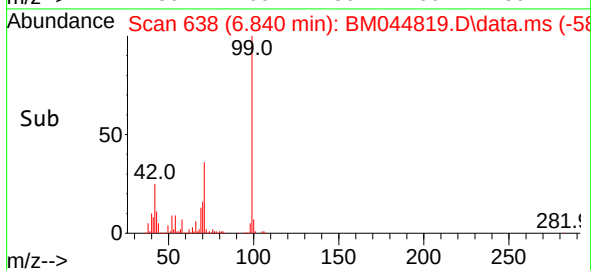
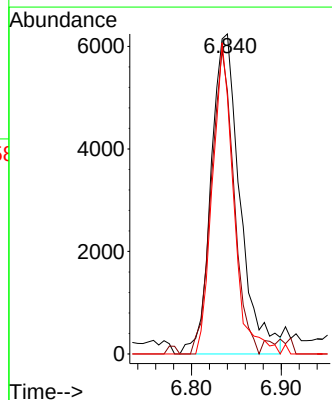
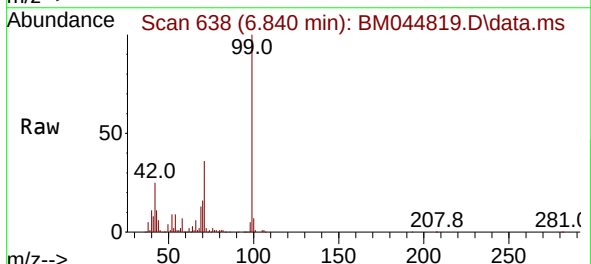
Instrument :
BNA_M
ClientSampleId :

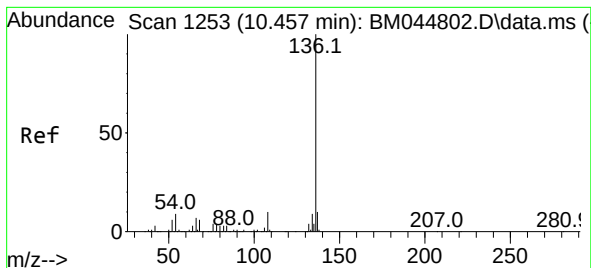
Tgt Ion: 99 Resp: 1327768
Ion Ratio Lower Upper
99 100
42 24.0 18.2 27.4
71 35.6 27.3 40.9



#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

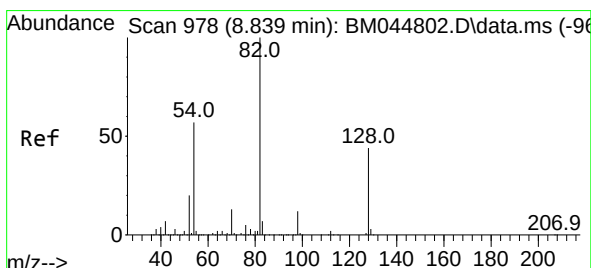
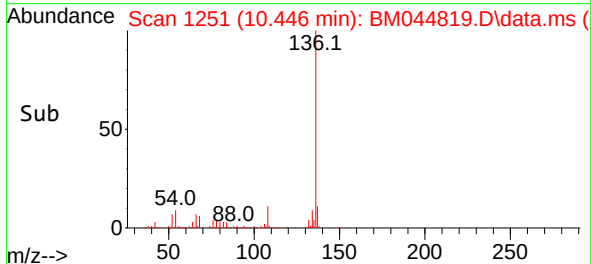
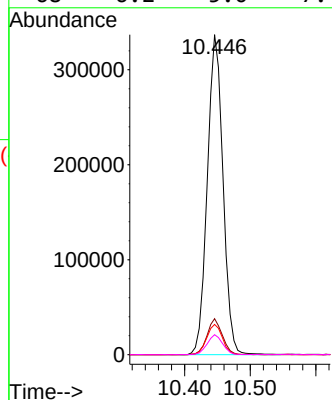
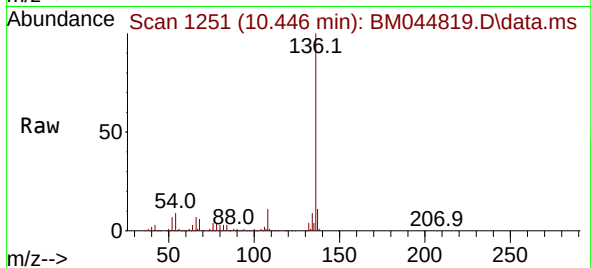




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.446 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

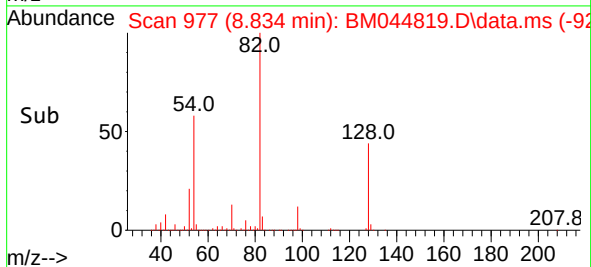
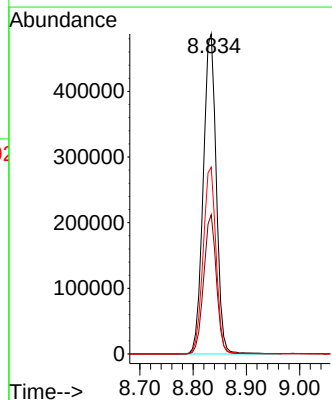
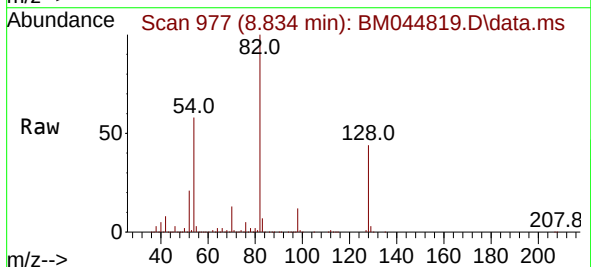
Instrument :
BNA_M
ClientSampleId :

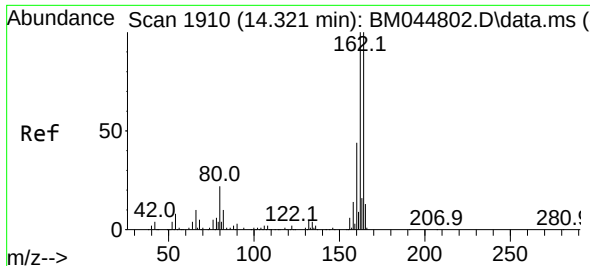
Tgt Ion:136 Resp: 561349
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.4 7.3 10.9
68 6.2 5.0 7.4



#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

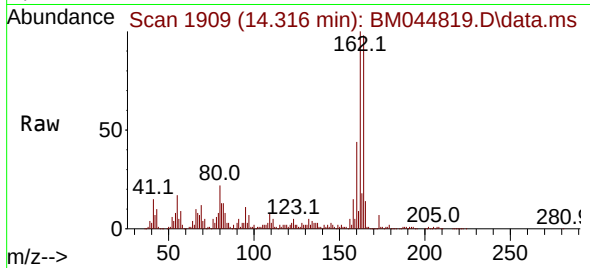
Tgt Ion: 82 Resp: 827130
Ion Ratio Lower Upper
82 100
128 43.5 34.8 52.2
54 58.4 45.4 68.0



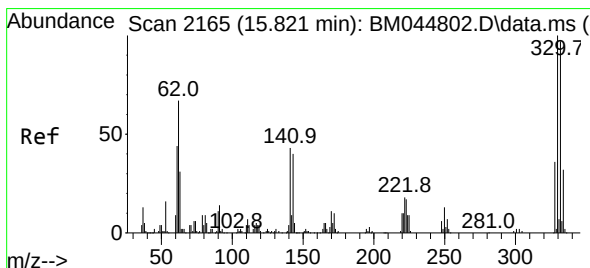
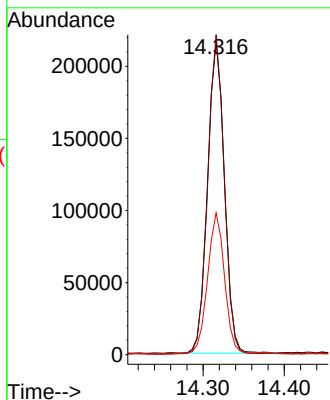
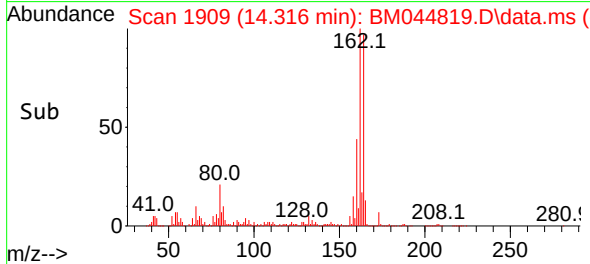


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.316 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

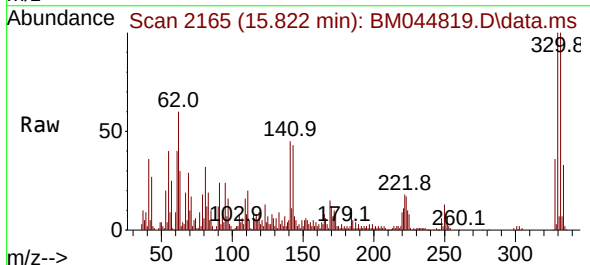
Instrument :
BNA_M
ClientSampleId :



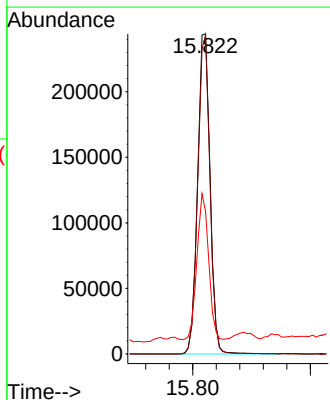
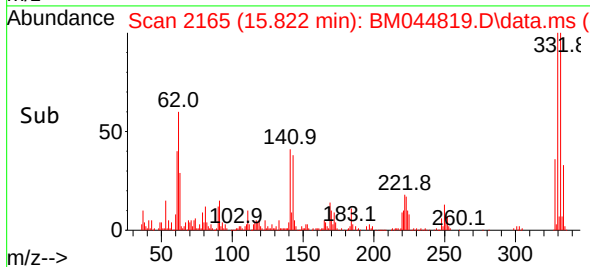
Tgt Ion:164 Resp: 312187
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.4
160 45.4 35.4 53.2

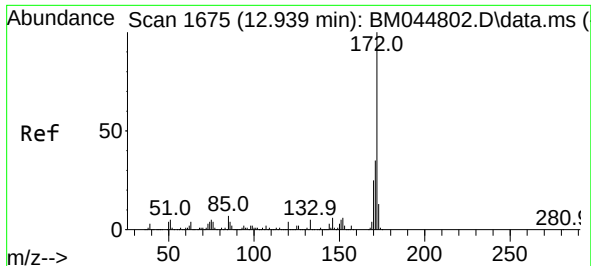


#42
2,4,6-Tribromophenol
Concen: 105.103 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37



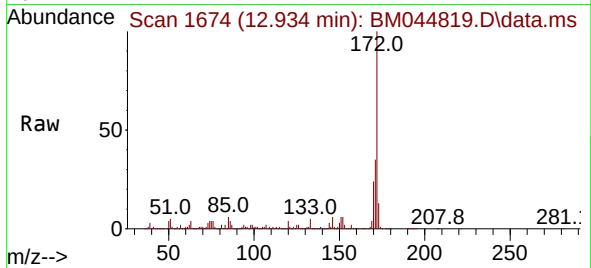
Tgt Ion:330 Resp: 358553
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 42.7 34.1 51.1



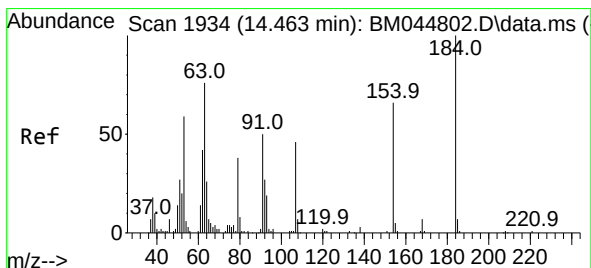
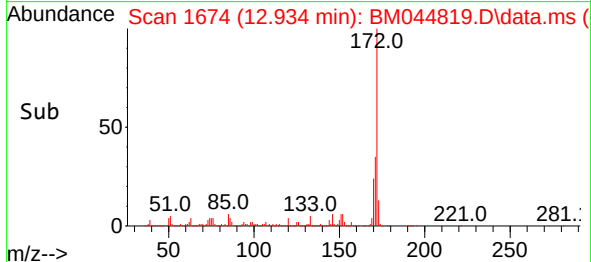
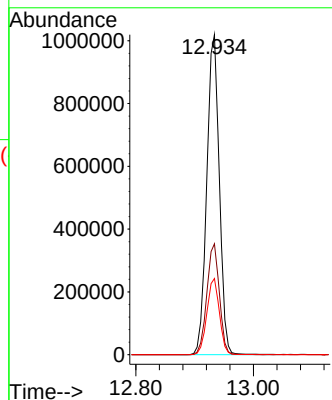


#45
2-Fluorobiphenyl
Concen: 61.846 ng
RT: 12.934 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Instrument :
BNA_M
ClientSampleId :

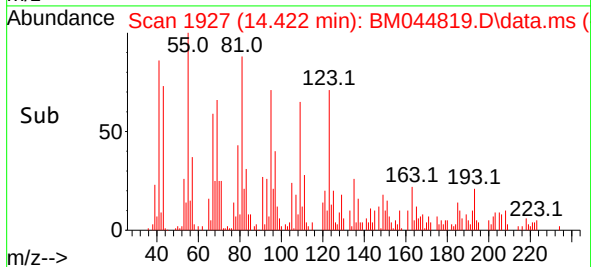
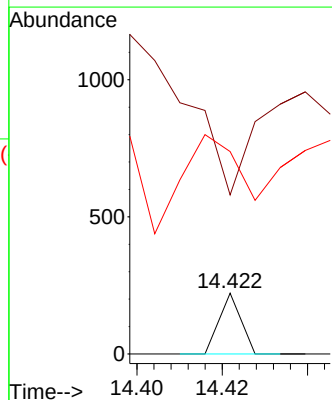
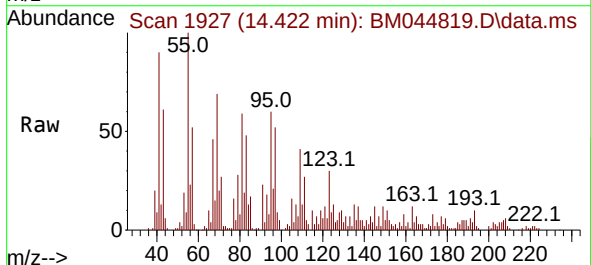


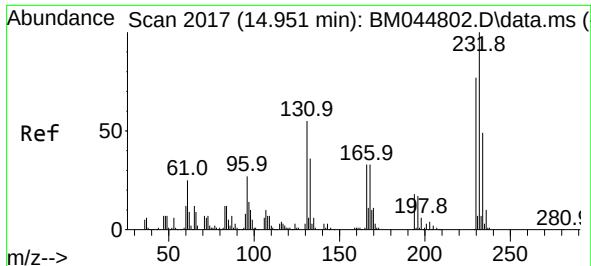
Tgt Ion:172 Resp: 1507475
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.8 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 6.033 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.041 min
Lab File: BM044819.D
Acq: 29 Mar 2024 17:37

Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 261.3 60.9 91.3#
154 332.4 54.2 81.4#





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.041 ng

RT: 14.951 min Scan# 2017

Delta R.T. 0.001 min

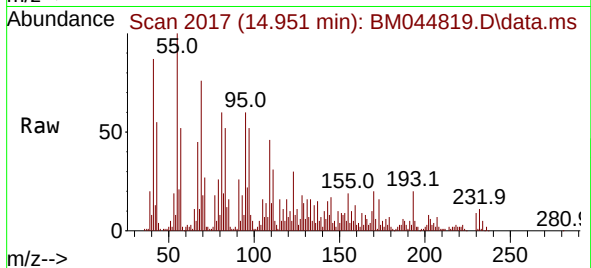
Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:232 Resp: 10962

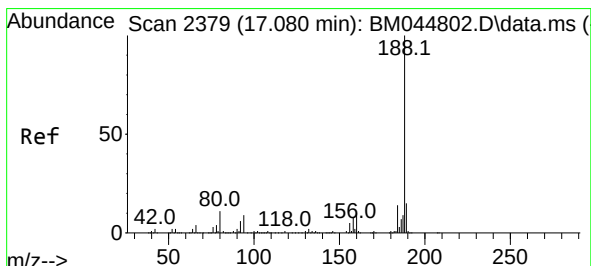
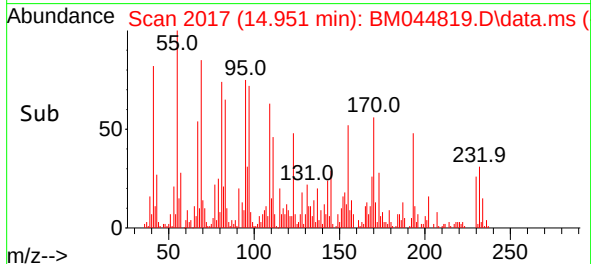
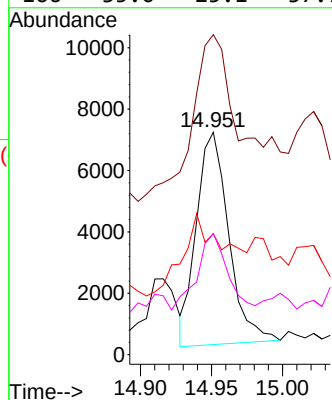
Ion Ratio Lower Upper

232 100

131 128.7 42.0 63.0#

130 53.8 2.2 3.2#

166 35.0 25.1 37.7



#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

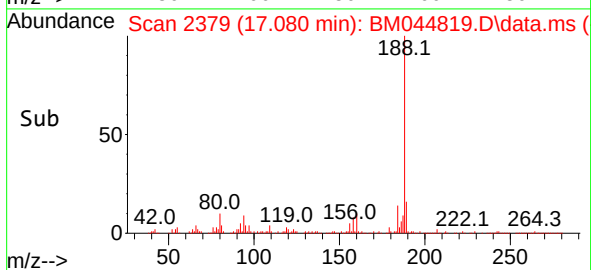
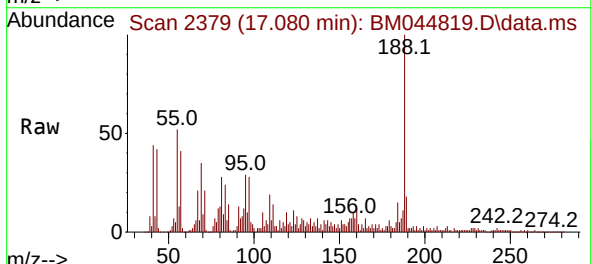
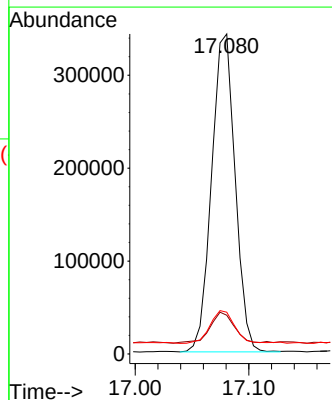
Tgt Ion:188 Resp: 493633

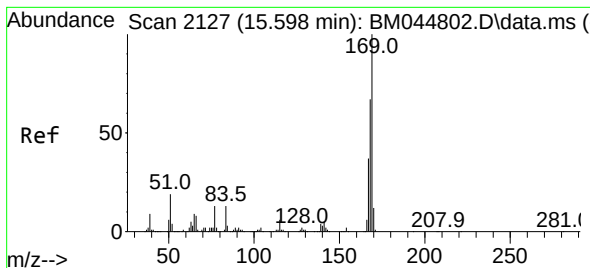
Ion Ratio Lower Upper

188 100

94 12.1 7.4 11.0#

80 13.1 8.6 12.8#





#66

n-Nitrosodiphenylamine

Concen: 2.110 ng

RT: 15.586 min Scan# 2127

Delta R.T. -0.011 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

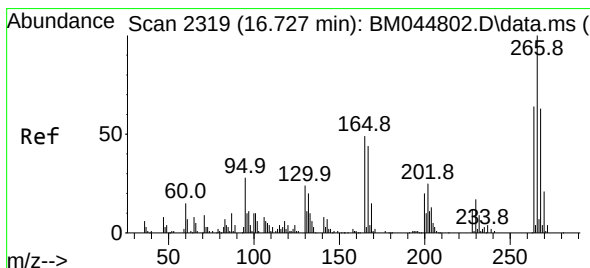
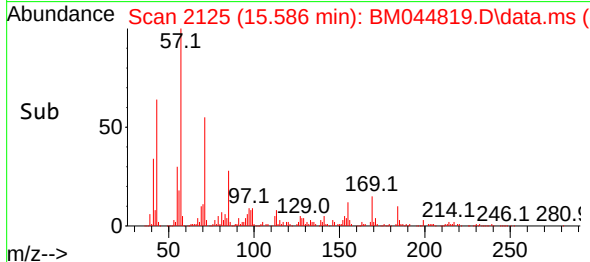
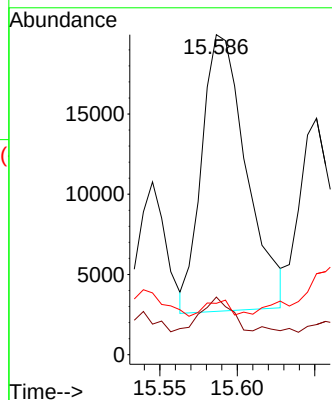
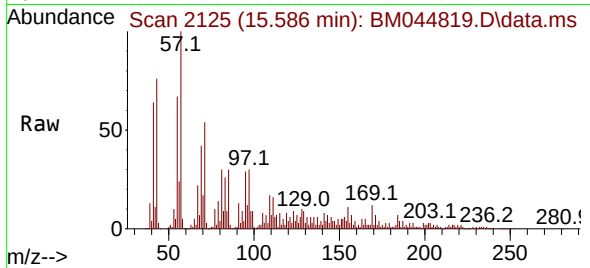
Tgt Ion:169 Resp: 34527

Ion Ratio Lower Upper

169 100

168 18.0 53.4 80.2#

167 16.1 29.4 44.2#



#70

Pentachlorophenol

Concen: 85.575 ng

RT: 16.728 min Scan# 2319

Delta R.T. 0.001 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

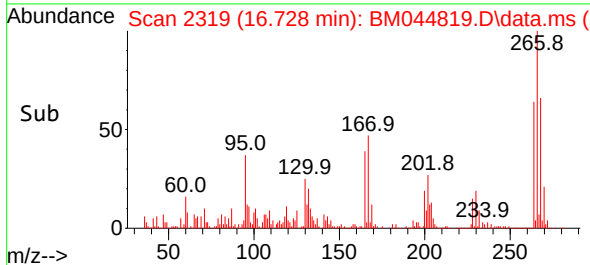
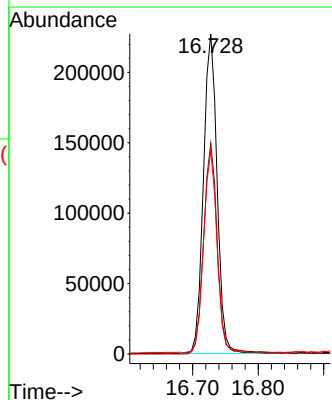
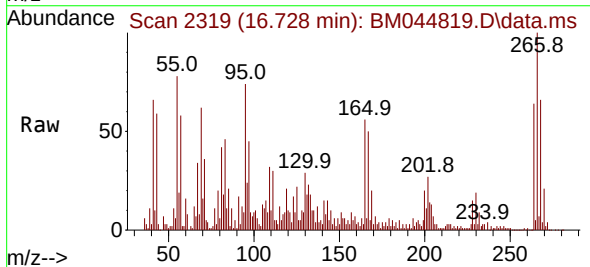
Tgt Ion:266 Resp: 331300

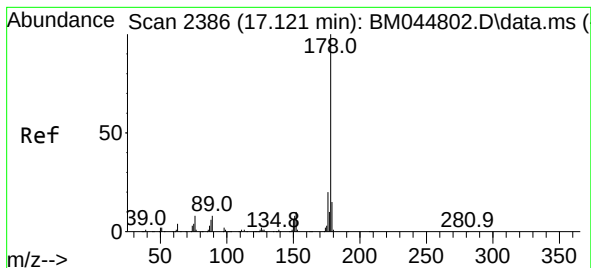
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.000 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

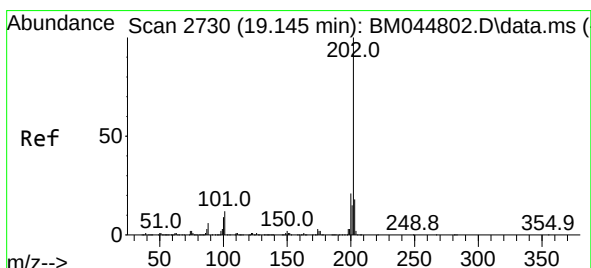
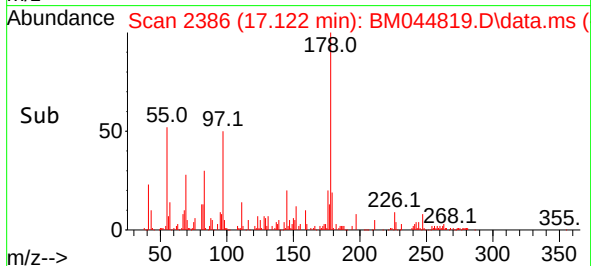
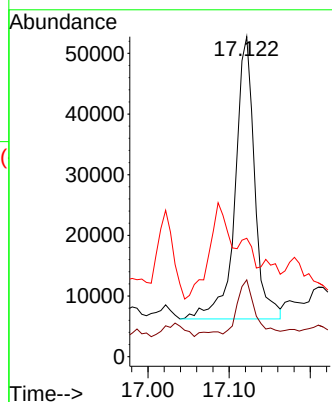
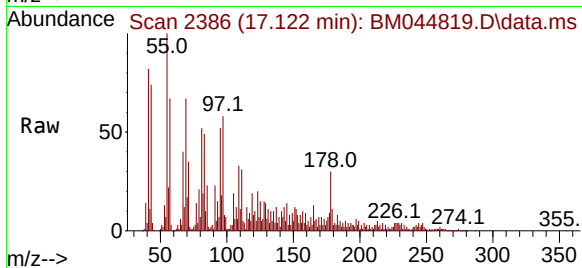
Tgt Ion:178 Resp: 77600

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# 2730

Delta R.T. 0.001 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

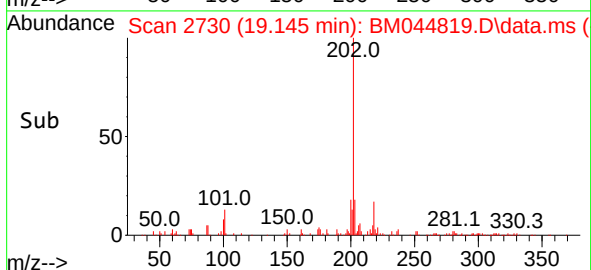
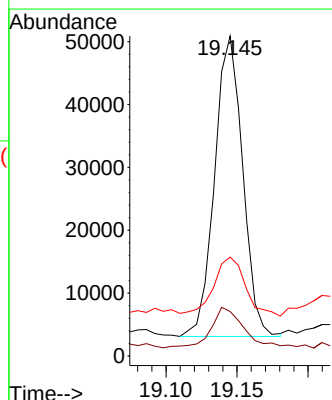
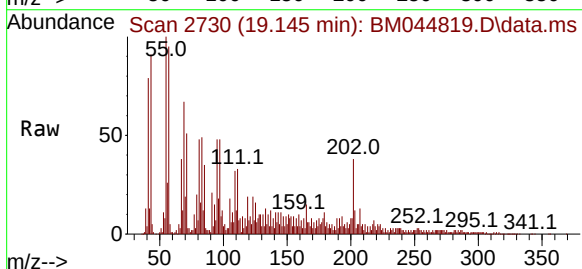
Tgt Ion:202 Resp: 65593

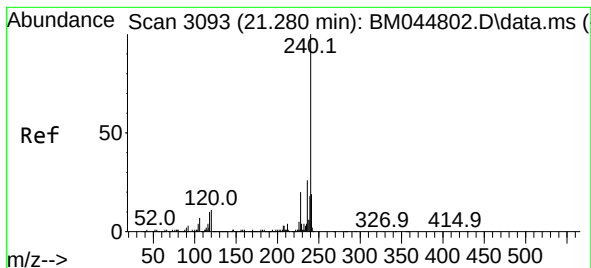
Ion Ratio Lower Upper

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# 3093

Delta R.T. -0.005 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

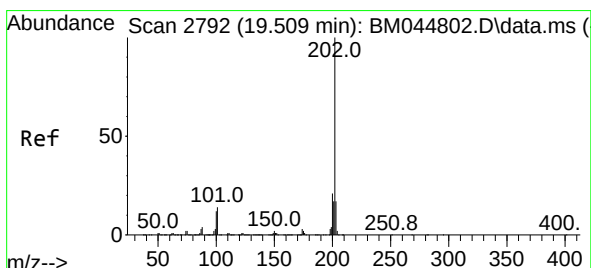
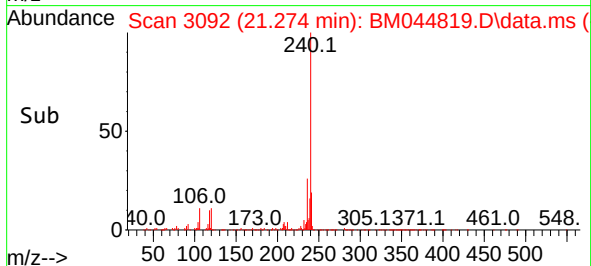
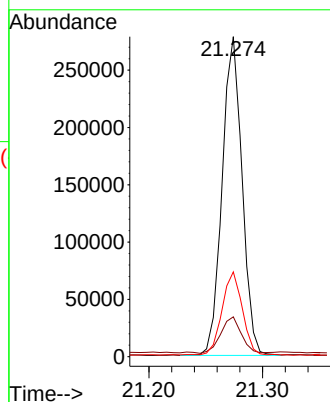
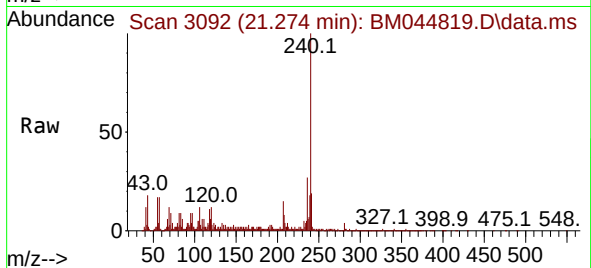
Tgt Ion:240 Resp: 339307

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# 2792

Delta R.T. 0.000 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

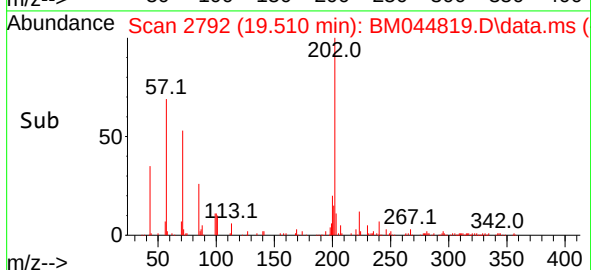
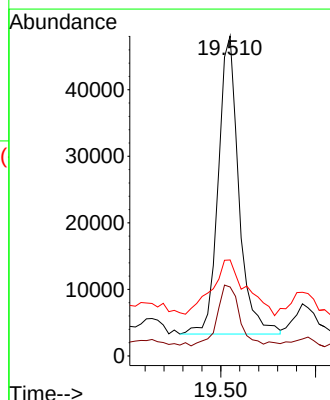
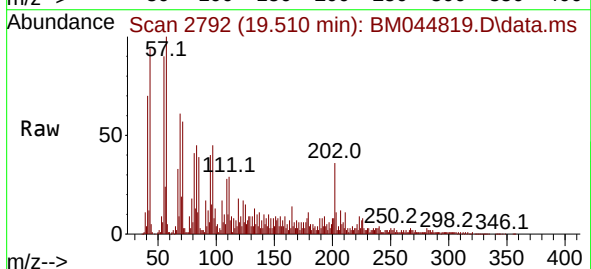
Tgt Ion:202 Resp: 67470

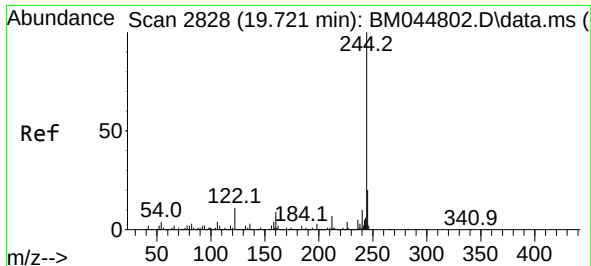
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 30.0 13.9 20.9#

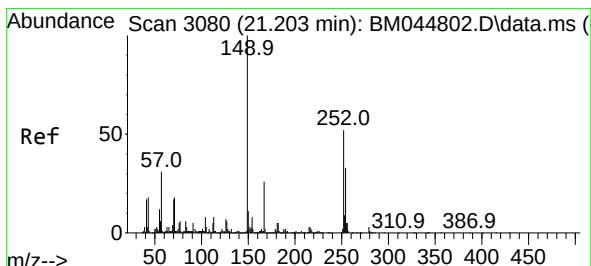
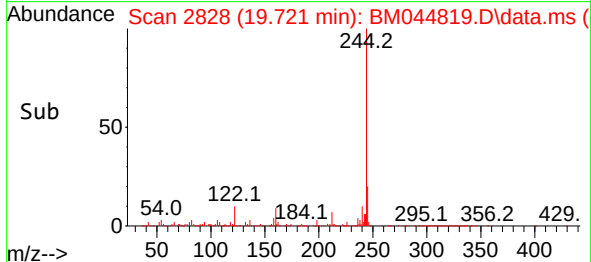
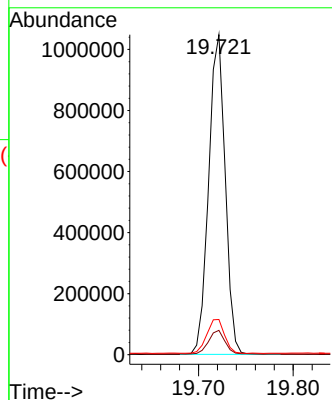
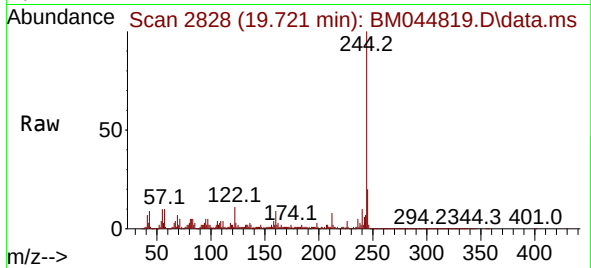




#79
 Terphenyl-d14
 Concen: 63.252 ng
 RT: 19.721 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044819.D
 Acq: 29 Mar 2024 17:37

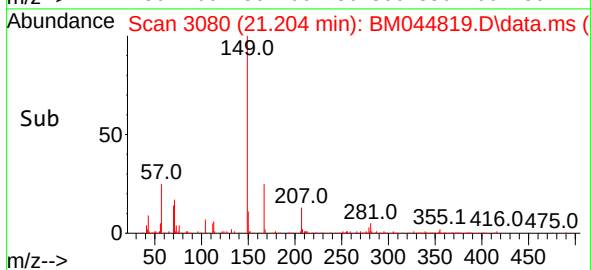
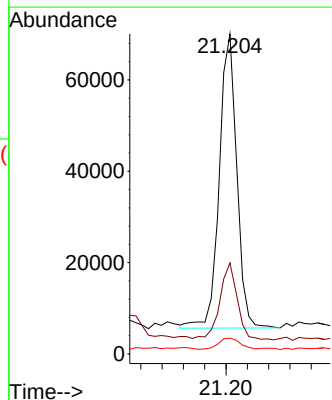
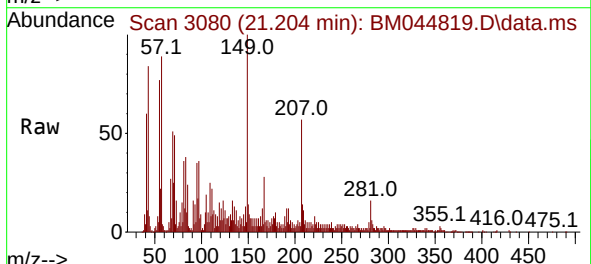
Instrument :
 BNA_M
 ClientSampleId :

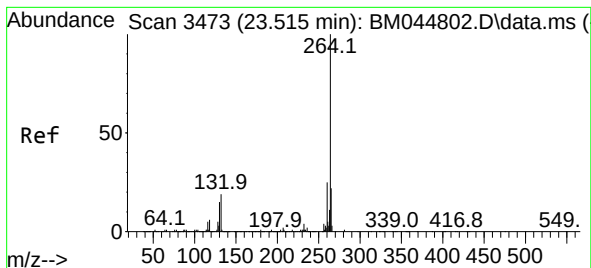
Tgt Ion:244 Resp: 1266400
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.0 8.8 13.2



#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

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# 34

Delta R.T. -0.005 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :

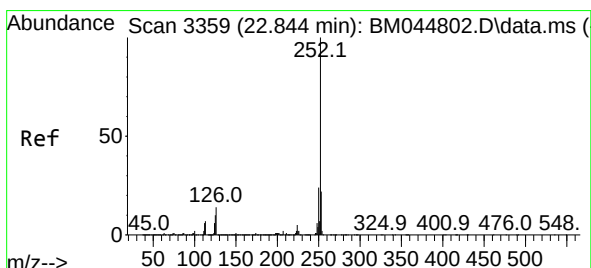
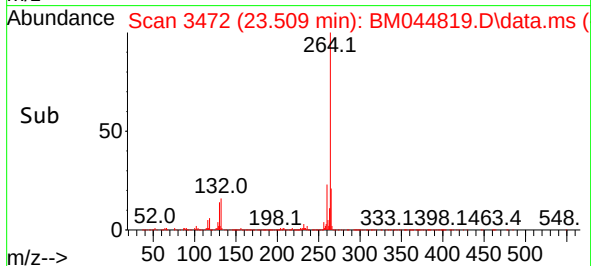
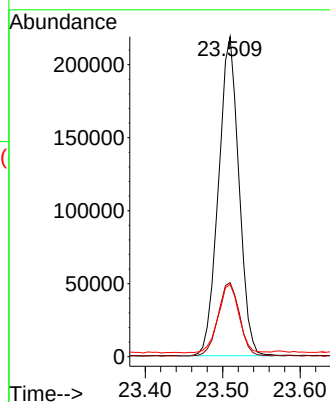
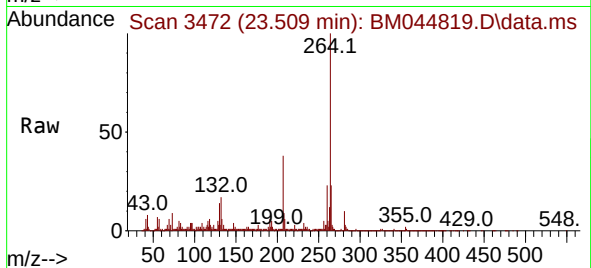
Tgt Ion:264 Resp: 400536

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# 3358

Delta R.T. -0.005 min

Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

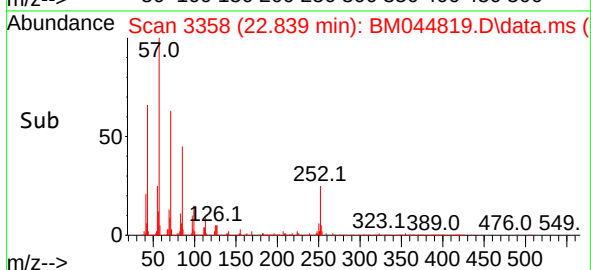
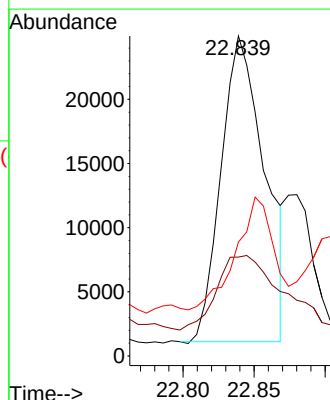
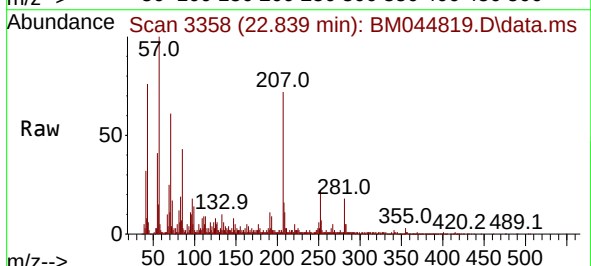
Tgt Ion:252 Resp: 50807

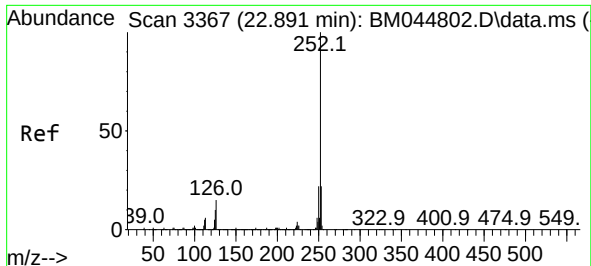
Ion Ratio Lower Upper

252 100

253 30.9 17.5 26.3#

125 35.6 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 2.229 ng

RT: 22.839 min Scan# 31

Delta R.T. -0.052 min

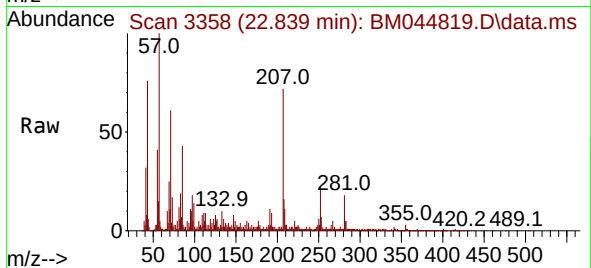
Lab File: BM044819.D

Acq: 29 Mar 2024 17:37

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:252 Resp: 50807

Ion Ratio Lower Upper

252 100

253 30.9 17.7 26.5#

125 35.6 8.3 12.5#

