

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040214.D
 Acq On : 10 Jun 2023 06:42
 Operator : MA/JU
 Sample : 03046-07RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2-6-10RE

Quant Time: Jun 10 08:35:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

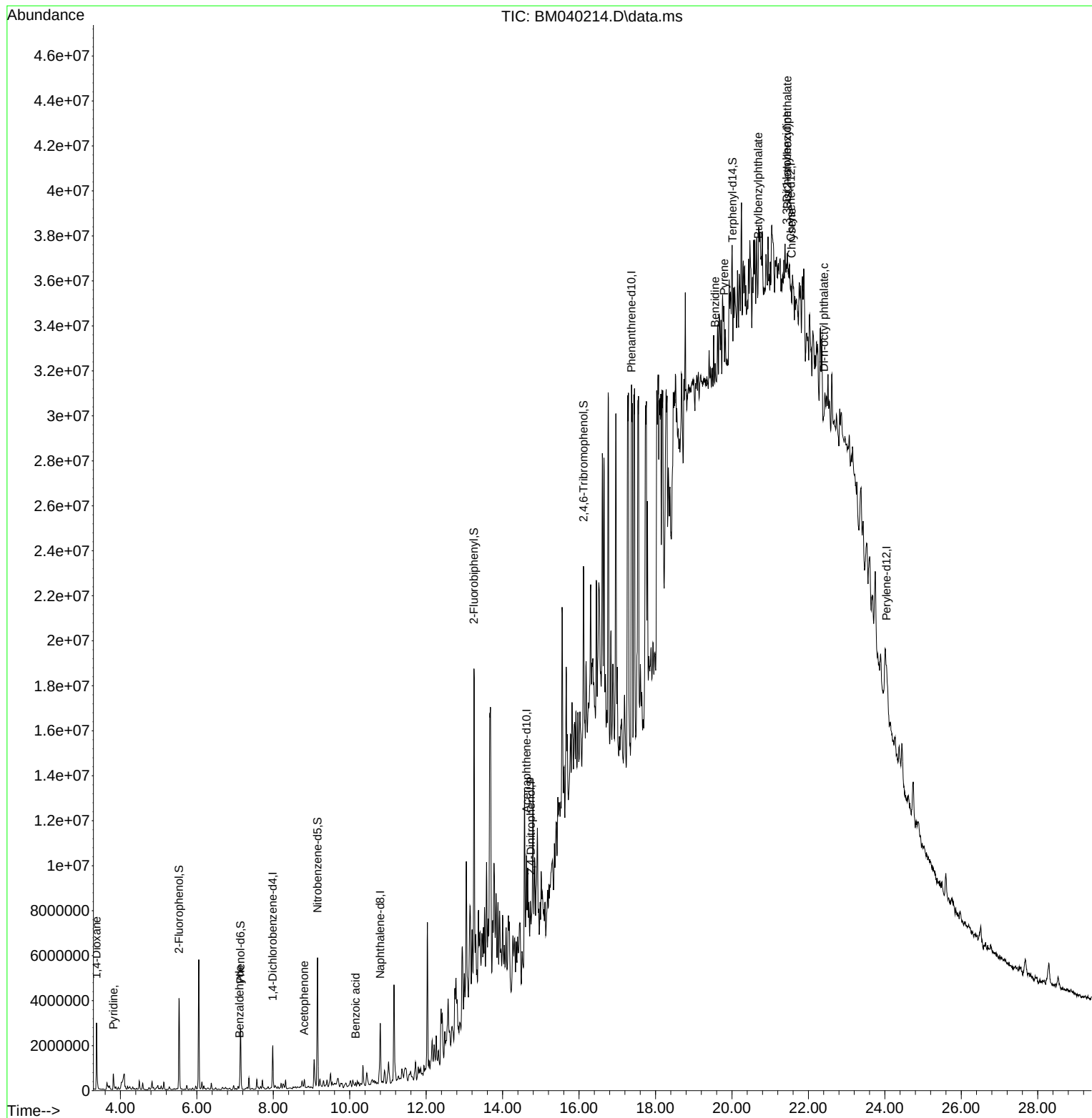
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	515662	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	2228301	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1380203	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1742648	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	21233	20.000	ng	# 0.00
86) Perylene-d12	24.044	264	2183937	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1916619	55.498	ng	0.00
7) Phenol-d6	7.140	99	1619169	34.360	ng	0.00
23) Nitrobenzene-d5	9.157	82	3089227	75.038	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	2295698	110.551	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	8723003	83.533	ng	0.00
79) Terphenyl-d14	20.015	244	3364981	2921.403	ng	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	204251	14.893	ng	# 1
3) Pyridine	3.816	79	408817	10.393	ng	97
9) Benzaldehyde	7.116	77	75366	3.003	ng	98
22) Acetophenone	8.810	105	134267	2.307	ng	# 97
32) Benzoic acid	10.157	122	475	7.538	ng	# 1
54) 2,4-Dinitrophenol	14.739	184	410	7.886	ng	# 1
77) Benzidine	19.556	184	52357	131.298	ng	# 1
78) Pyrene	19.798	202	15684	11.077	ng	# 1
80) Butylbenzylphthalate	20.686	149	2266	3.960	ng	# 1
82) 3,3'-Dichlorobenzidine	21.433	252	6113	12.703	ng	# 1
83) Chrysene	21.562	228	7203	5.251	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.450	149	2053	2.429	ng	# 1
85) Di-n-octyl phthalate	22.409	149	35950	26.195	ng	# 78

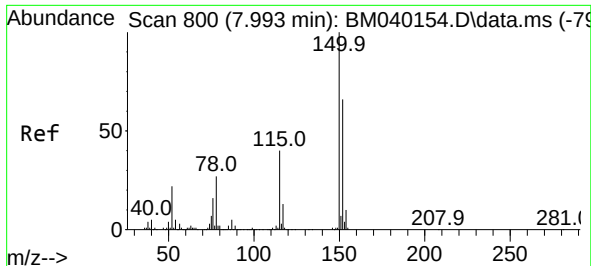
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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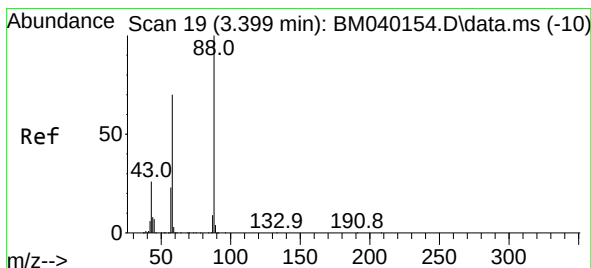
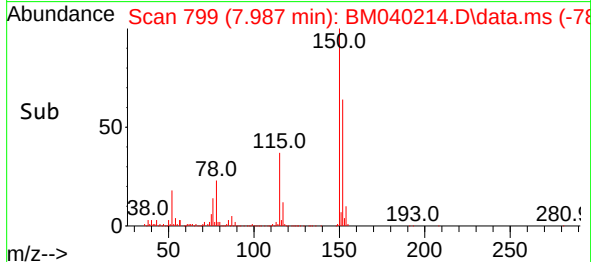
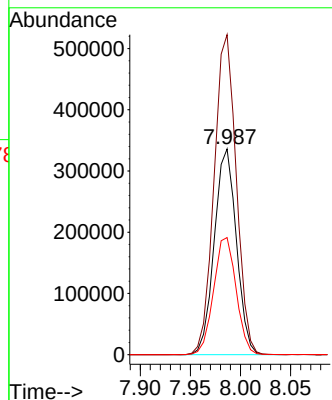
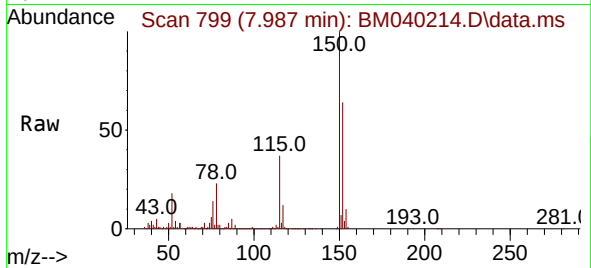




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

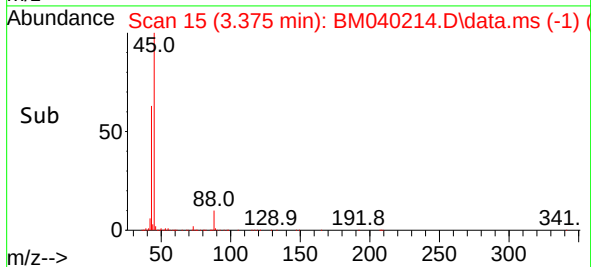
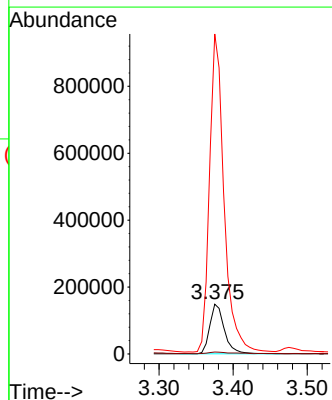
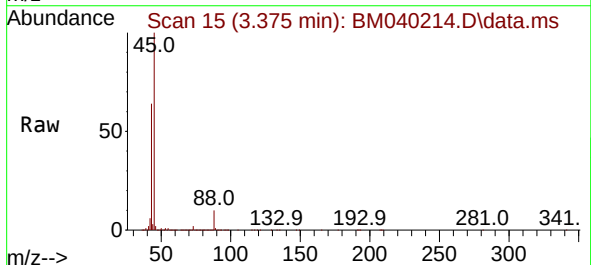
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

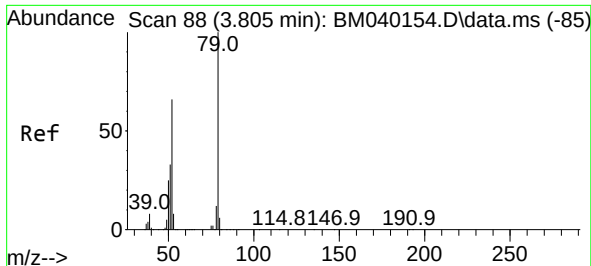
Tgt Ion:152 Resp: 515662
Ion Ratio Lower Upper
152 100
150 155.5 121.4 182.0
115 56.9 48.2 72.4



#2
1,4-Dioxane
Concen: 14.893 ng
RT: 3.375 min Scan# 15
Delta R.T. -0.024 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion: 88 Resp: 204251
Ion Ratio Lower Upper
88 100
58 4.2 56.4 84.6#
43 632.7 21.2 31.8#

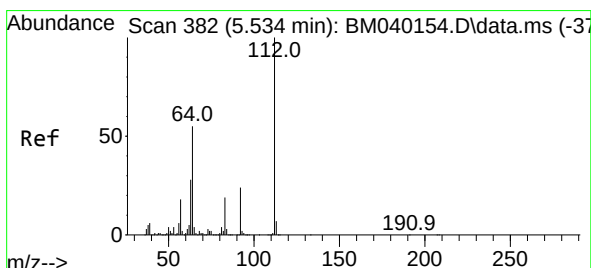
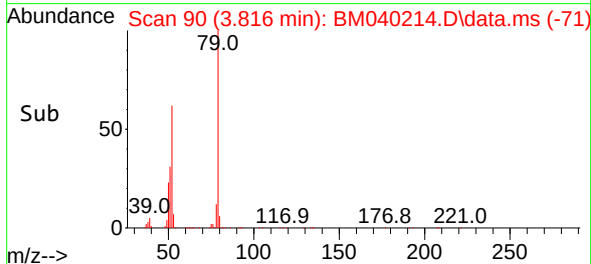
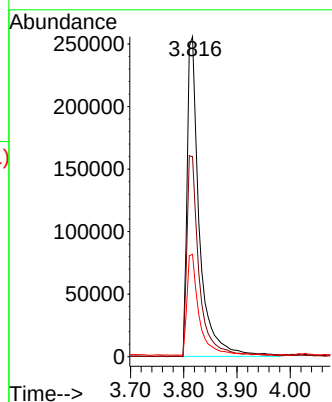
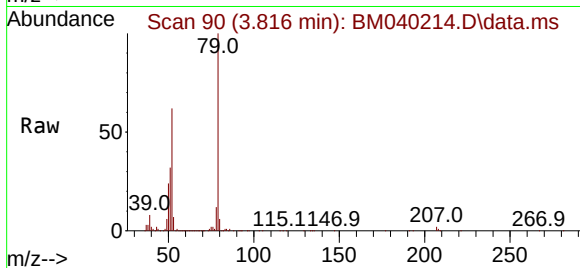




#3
 Pyridine
 Concen: 10.393 ng
 RT: 3.816 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: BM040214.D
 Acq: 10 Jun 2023 06:42

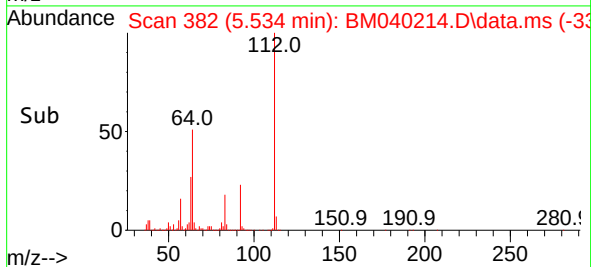
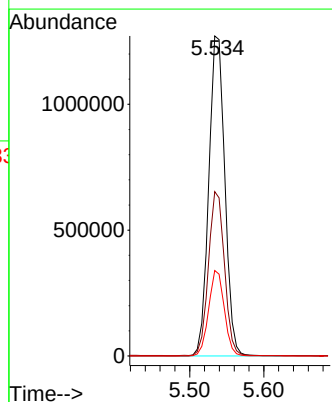
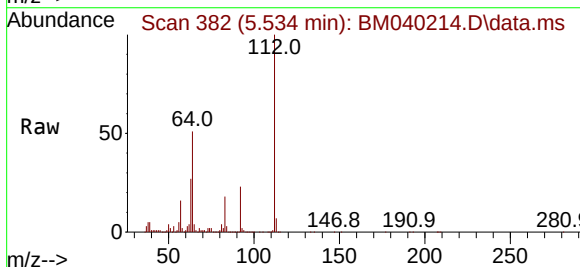
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2-6-10RE

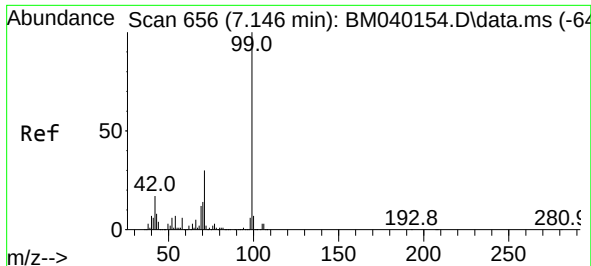
Tgt Ion: 79 Resp: 408817
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.8 79.2
 51 32.0 26.2 39.4



#5
 2-Fluorophenol
 Concen: 55.498 ng
 RT: 5.534 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM040214.D
 Acq: 10 Jun 2023 06:42

Tgt Ion: 112 Resp: 1916619
 Ion Ratio Lower Upper
 112 100
 64 51.3 43.8 65.6
 63 26.7 22.8 34.2



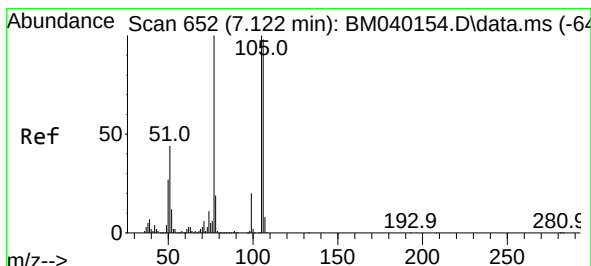
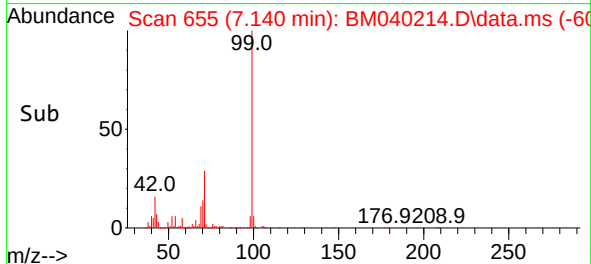
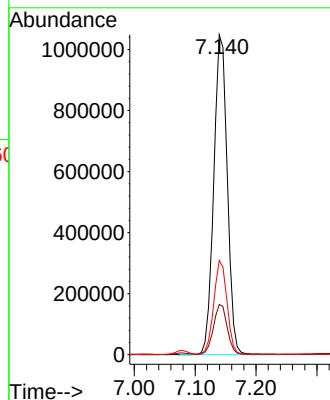
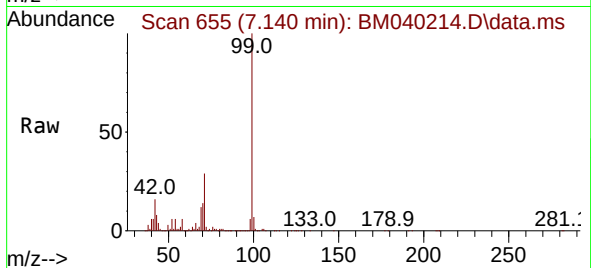


#7
Phenol-d6
Concen: 34.360 ng
RT: 7.140 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

Tgt Ion: 99 Resp: 1619169

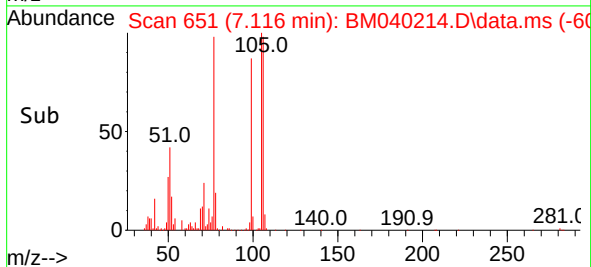
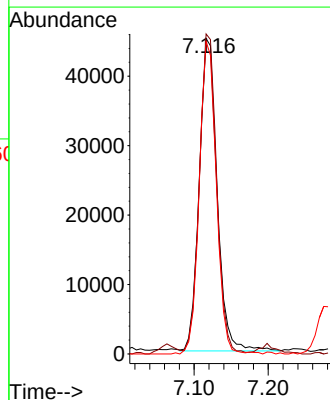
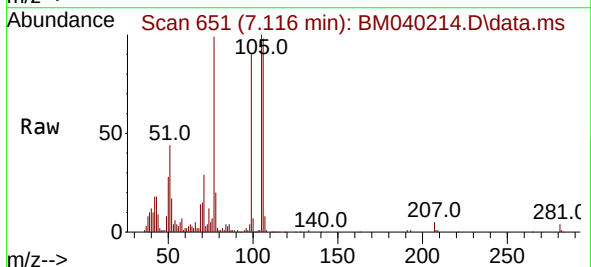
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	29.4	24.3	36.5

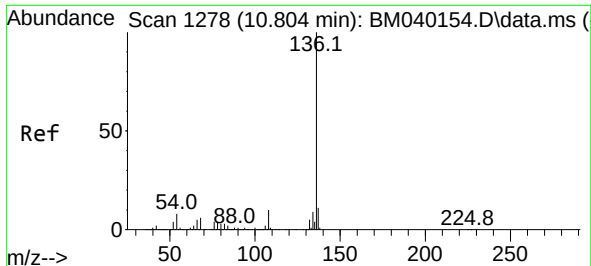


#9
Benzaldehyde
Concen: 3.003 ng
RT: 7.116 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion: 77 Resp: 75366

Ion	Ratio	Lower	Upper
77	100		
105	101.5	79.8	119.8
106	99.1	77.4	117.4

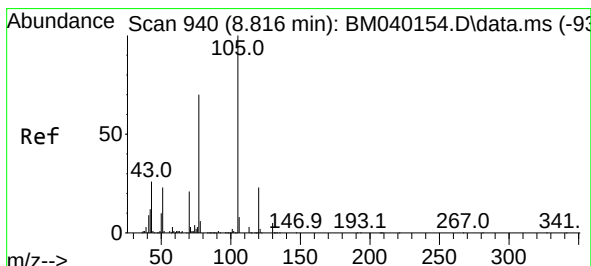
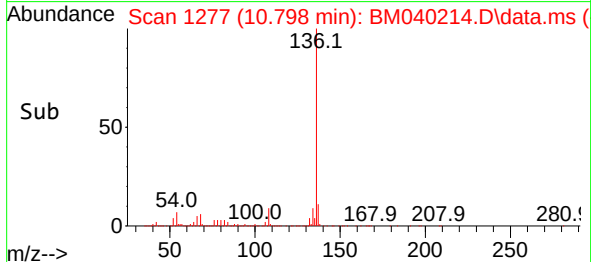
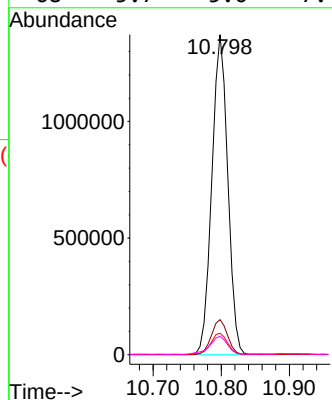
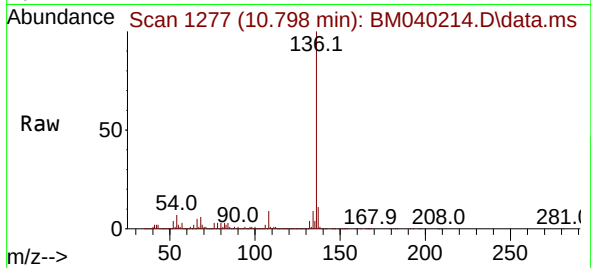




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

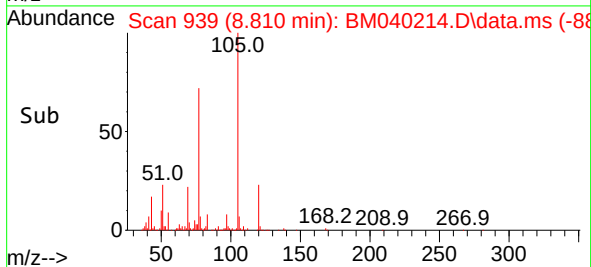
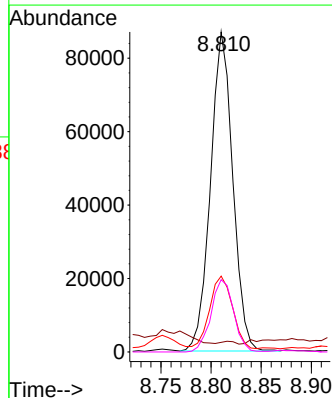
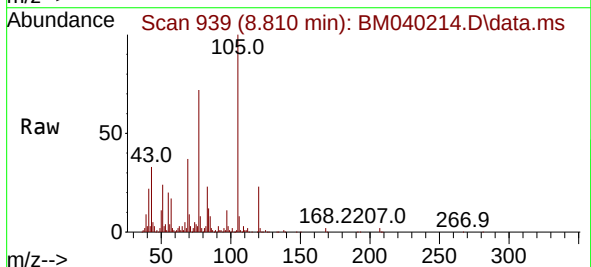
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

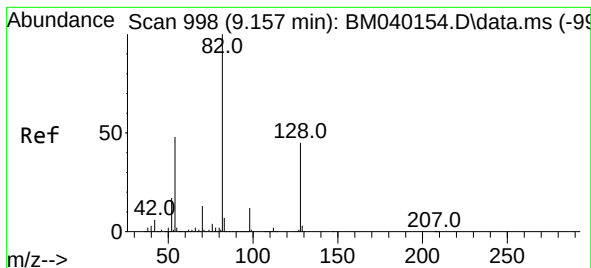
Tgt Ion:136 Resp: 2228301
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 6.2 9.4
68 5.7 5.0 7.4



#22
Acetophenone
Concen: 2.307 ng
RT: 8.810 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:105 Resp: 134267
Ion Ratio Lower Upper
105 100
71 3.0 3.0 4.6#
51 23.7 20.6 31.0
120 22.6 18.7 28.1





#23

Nitrobenzene-d5

Concen: 75.038 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

Instrument :

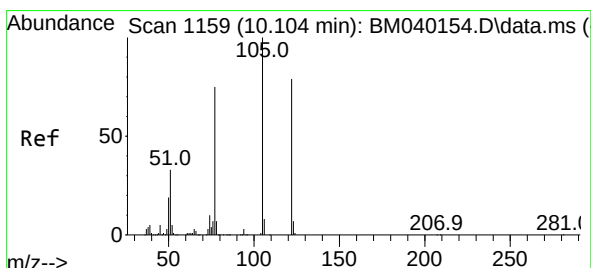
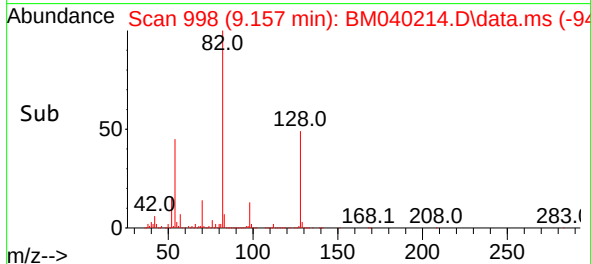
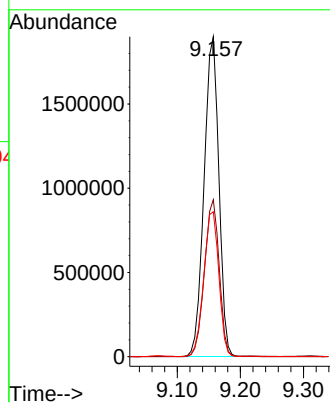
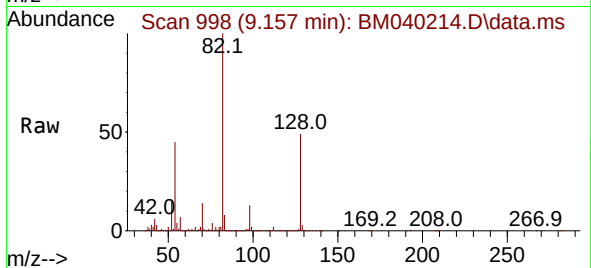
BNA_M

ClientSampleId :

COMP-2-6-10RE

Tgt Ion: 82 Resp: 3089227

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.0	54.0
54	45.3	38.5	57.7



#32

Benzoic acid

Concen: 7.538 ng

RT: 10.157 min Scan# 1168

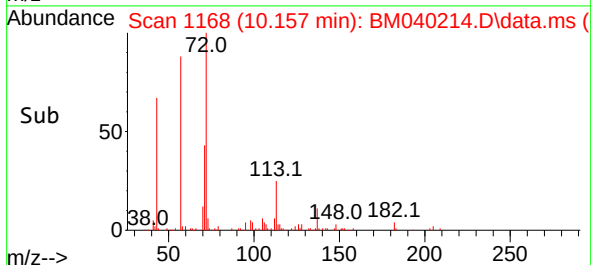
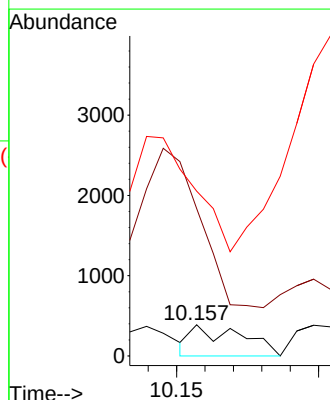
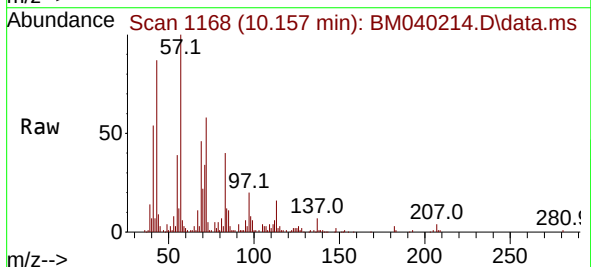
Delta R.T. 0.053 min

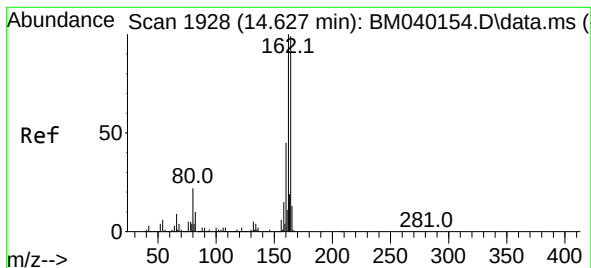
Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

Tgt Ion: 122 Resp: 475

Ion	Ratio	Lower	Upper
122	100		
105	471.7	102.7	142.7#
77	528.0	73.9	113.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10RE

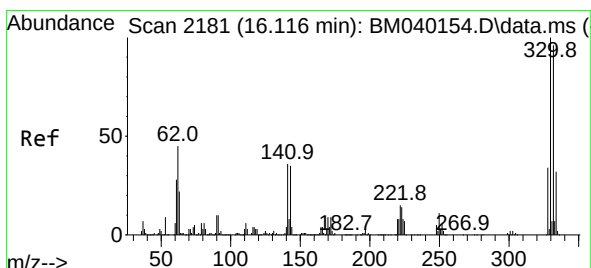
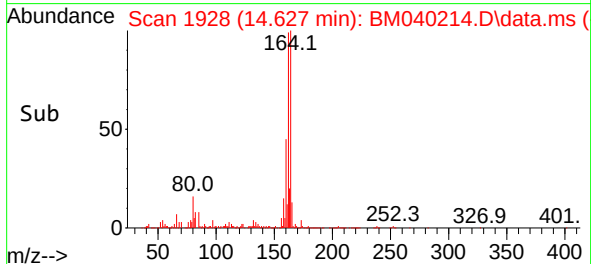
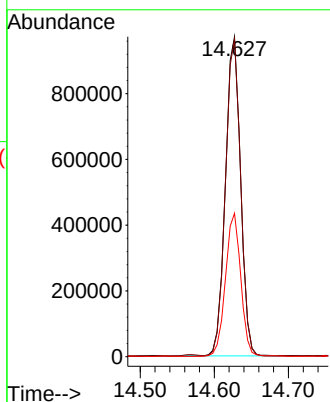
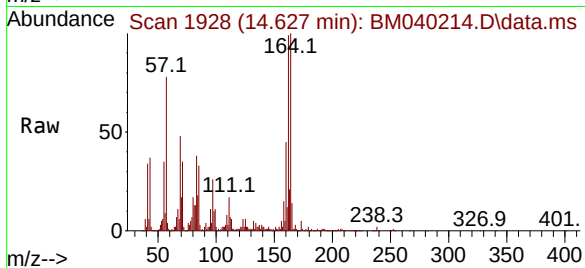
Tgt Ion:164 Resp: 1380203

Ion Ratio Lower Upper

164 100

162 99.2 80.4 120.6

160 44.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 110.551 ng

RT: 16.115 min Scan# 2181

Delta R.T. -0.001 min

Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

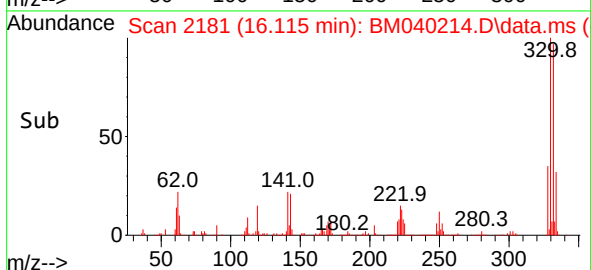
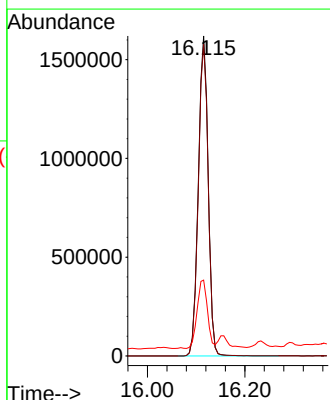
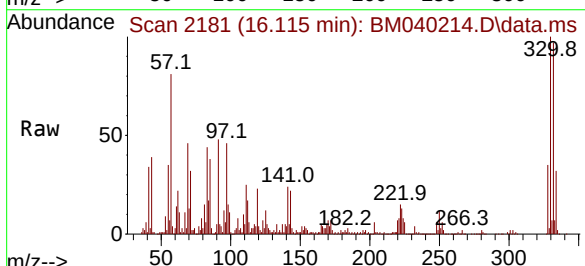
Tgt Ion:330 Resp: 2295698

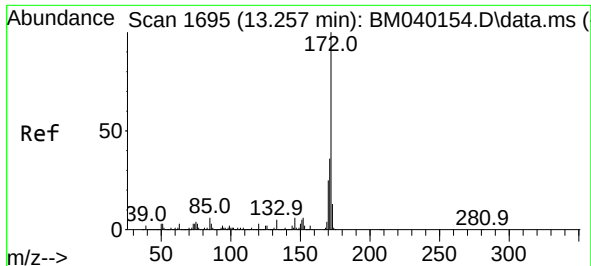
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 22.4 31.6 47.4#

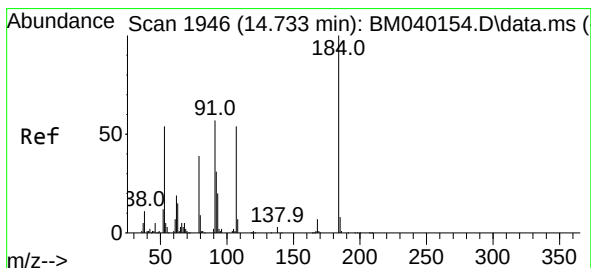
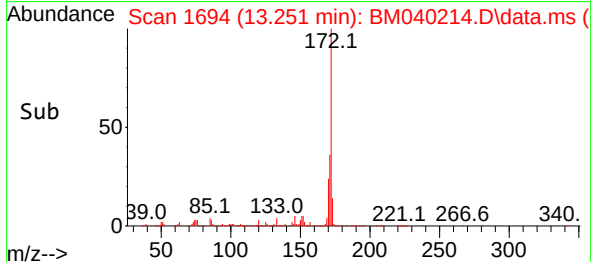
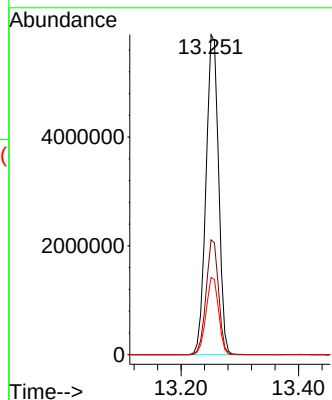
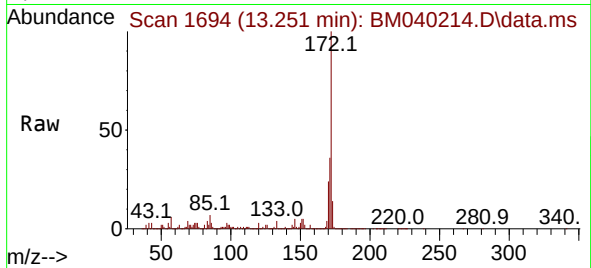




#45
2-Fluorobiphenyl
Concen: 83.533 ng
RT: 13.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

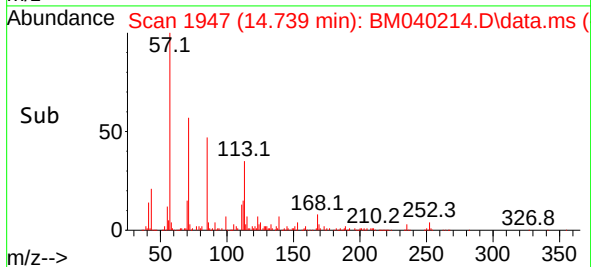
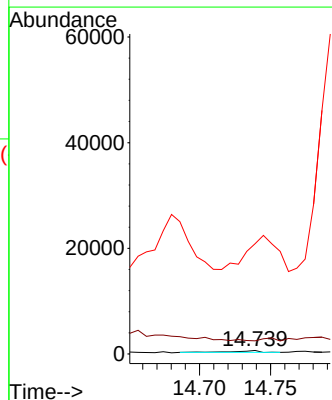
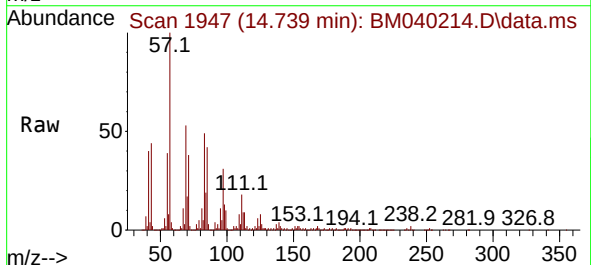
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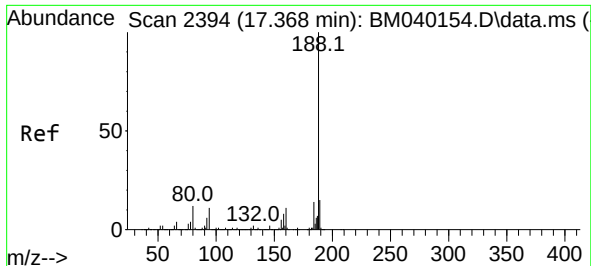
Tgt Ion:172 Resp: 8723003
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 7.886 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:184 Resp: 410
Ion Ratio Lower Upper
184 100
63 378.0 62.8 94.2#
154 3170.8 55.9 83.9#

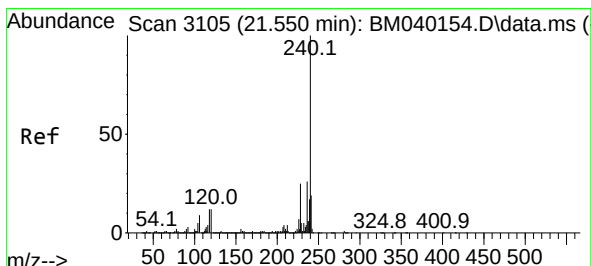
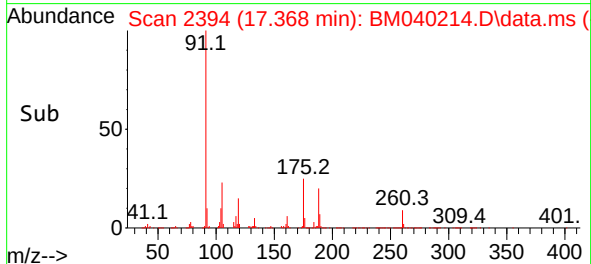
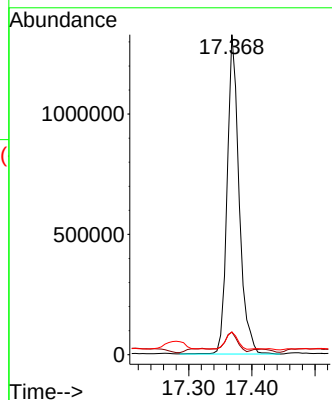
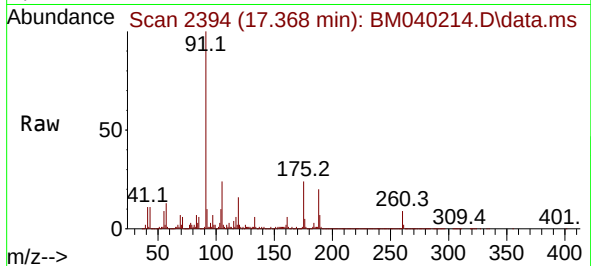




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

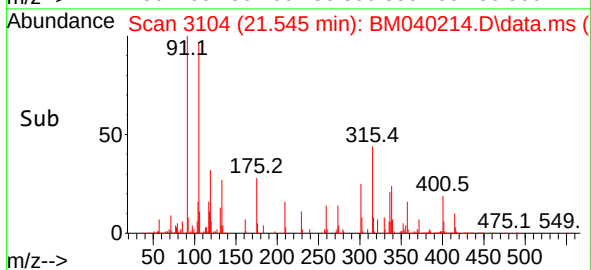
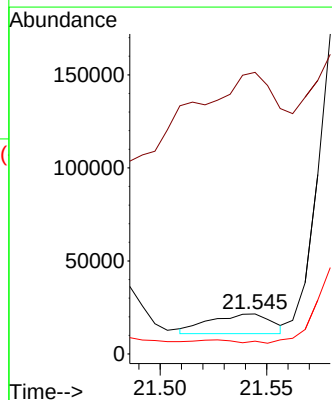
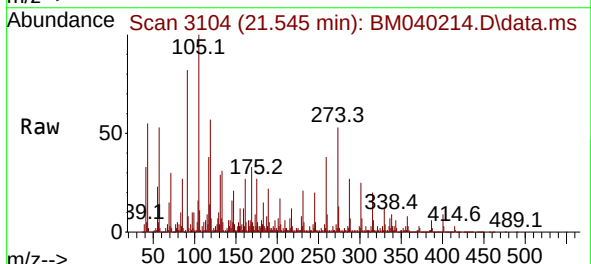
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

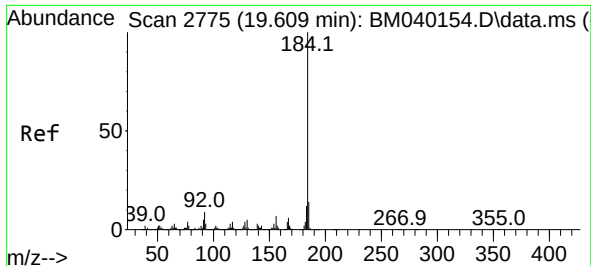
Tgt Ion:188 Resp: 1742648
Ion Ratio Lower Upper
188 100
94 7.0 8.9 13.3#
80 7.1 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:240 Resp: 21233
Ion Ratio Lower Upper
240 100
120 704.1 9.9 14.9#
236 32.1 21.1 31.7#

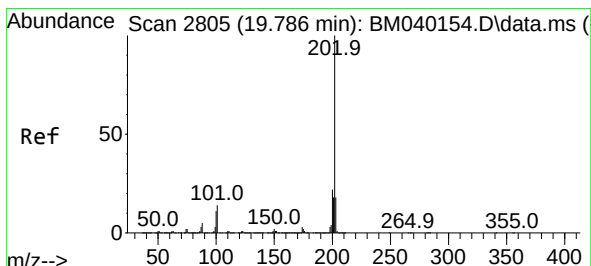
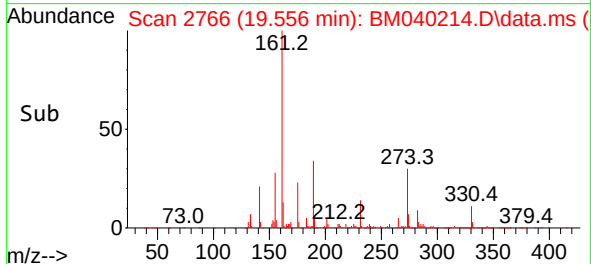
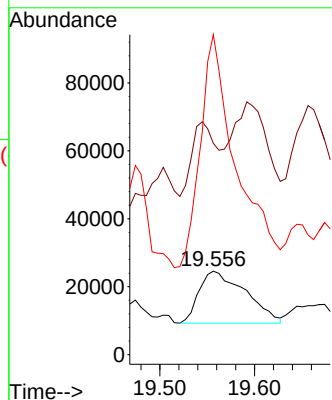
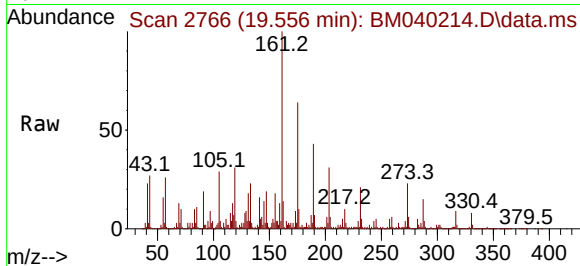




#77
Benzidine
Concen: 131.298 ng
RT: 19.556 min Scan# 21
Delta R.T. -0.053 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

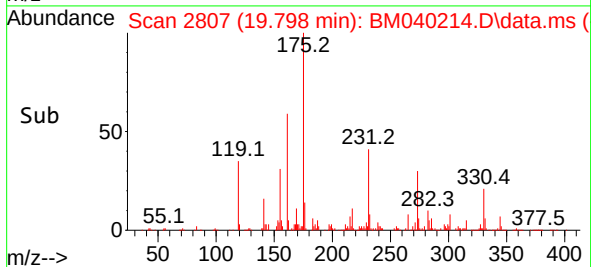
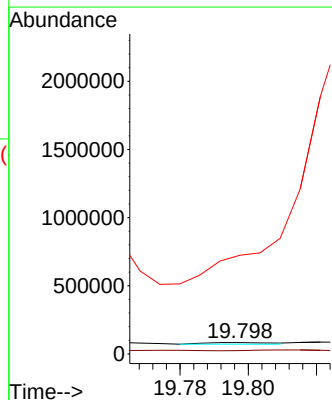
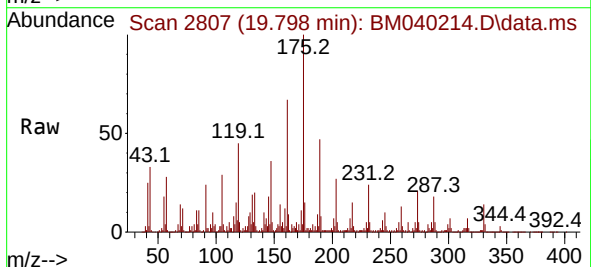
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

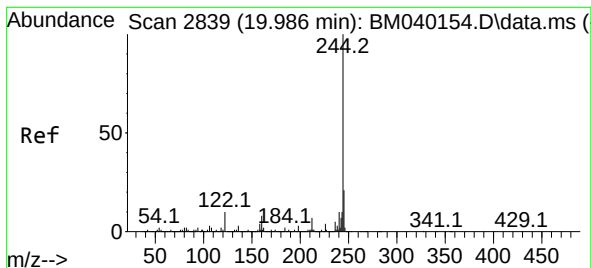
Tgt Ion:184 Resp: 52357
Ion Ratio Lower Upper
184 100
185 252.8 11.6 17.4#
183 382.8 9.4 14.0#



#78
Pyrene
Concen: 11.077 ng
RT: 19.798 min Scan# 2807
Delta R.T. 0.012 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:202 Resp: 15684
Ion Ratio Lower Upper
202 100
200 30.0 17.8 26.8#
203 864.2 14.4 21.6#





#79

Terphenyl-d14

Concen: 2921.403 ng

RT: 20.015 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

Instrument :

BNA_M

ClientSampleId :

COMP-2-6-10RE

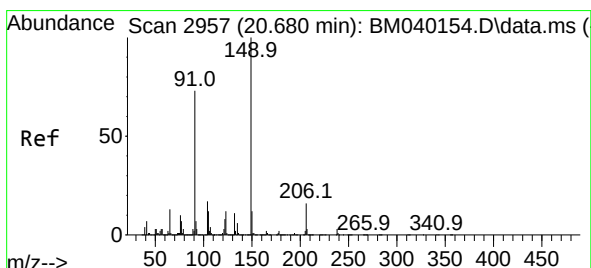
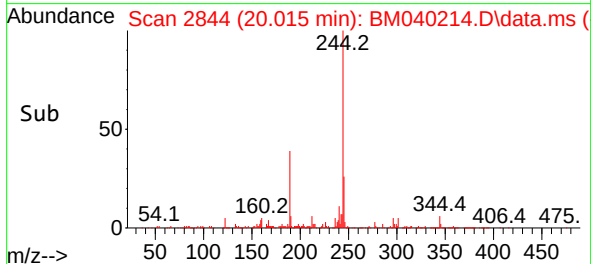
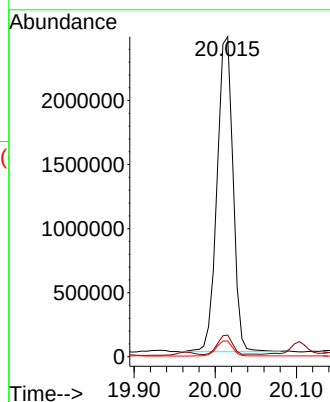
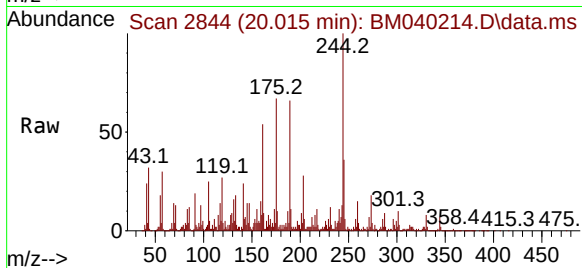
Tgt Ion:244 Resp: 3364981

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 4.9 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 3.960 ng

RT: 20.686 min Scan# 2958

Delta R.T. 0.006 min

Lab File: BM040214.D

Acq: 10 Jun 2023 06:42

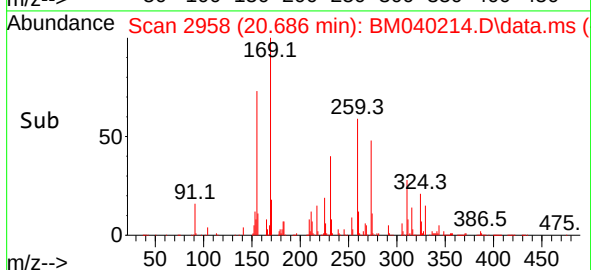
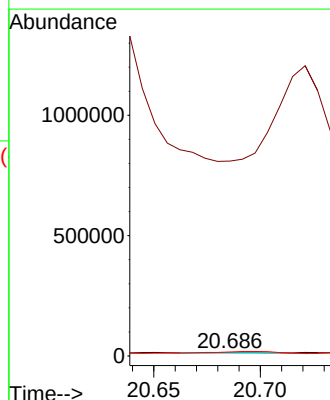
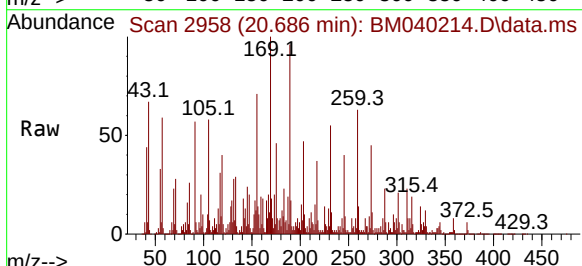
Tgt Ion:149 Resp: 2266

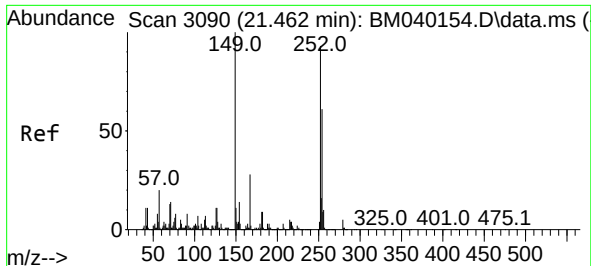
Ion Ratio Lower Upper

149 100

91 6042.5 58.3 87.5#

206 126.7 13.2 19.8#

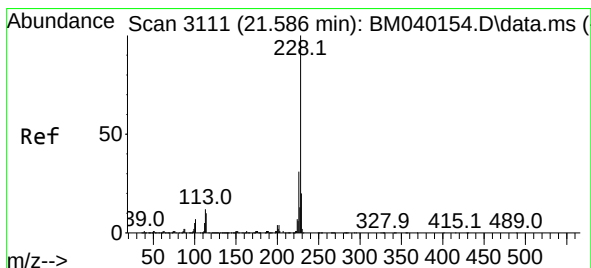
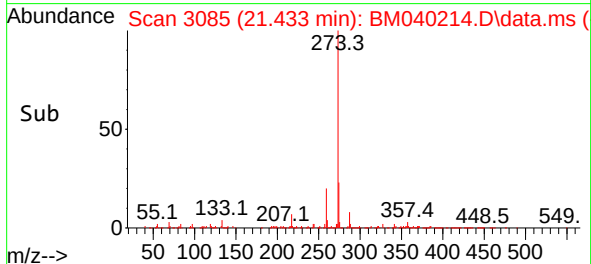
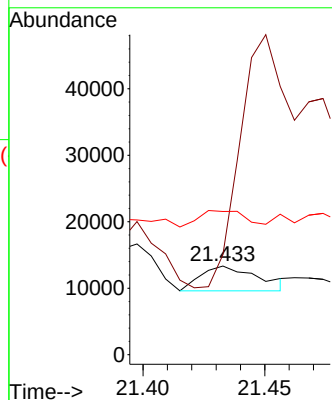
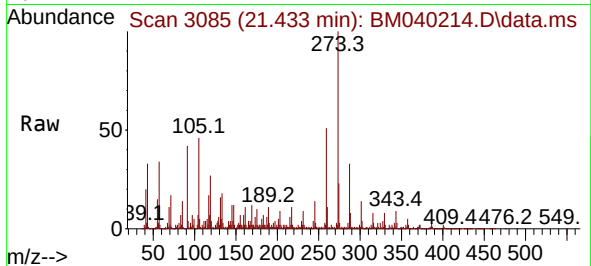




#82
3,3'-Dichlorobenzidine
Concen: 12.703 ng
RT: 21.433 min Scan# 3090
Delta R.T. -0.029 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

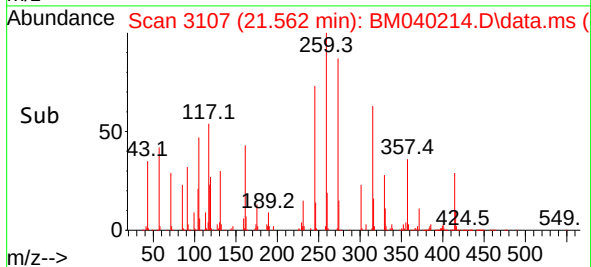
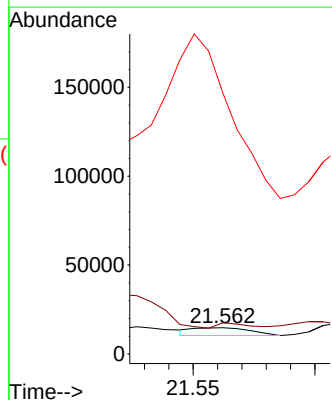
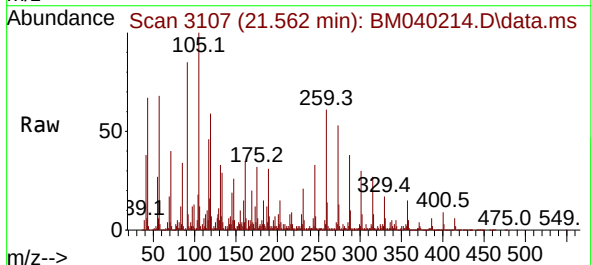
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

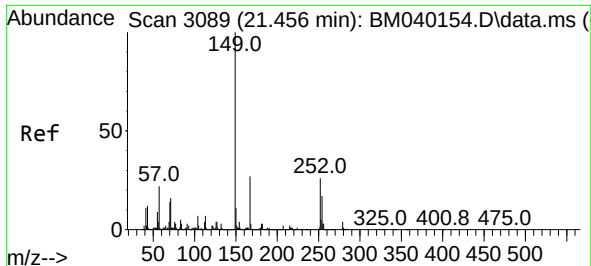
Tgt Ion:252 Resp: 6113
Ion Ratio Lower Upper
252 100
254 112.7 52.2 78.2#
126 161.6 9.5 14.3#



#83
Chrysene
Concen: 5.251 ng
RT: 21.562 min Scan# 3107
Delta R.T. -0.024 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:228 Resp: 7203
Ion Ratio Lower Upper
228 100
226 118.8 24.9 37.3#
229 993.9 16.0 24.0#

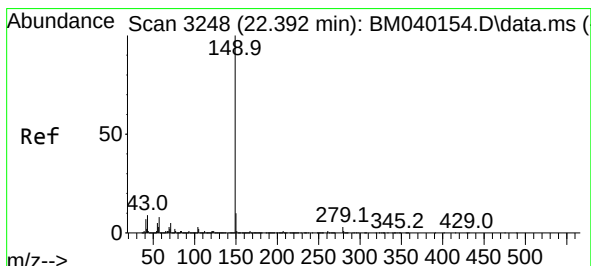
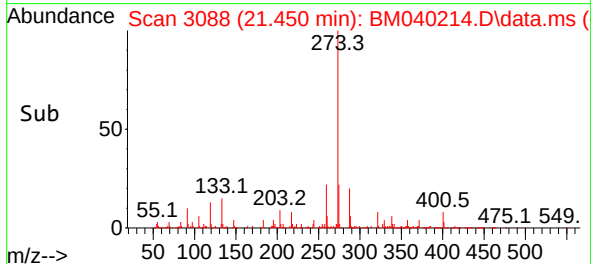
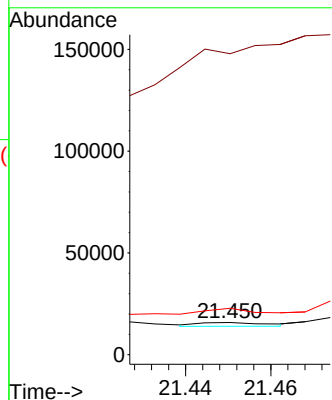
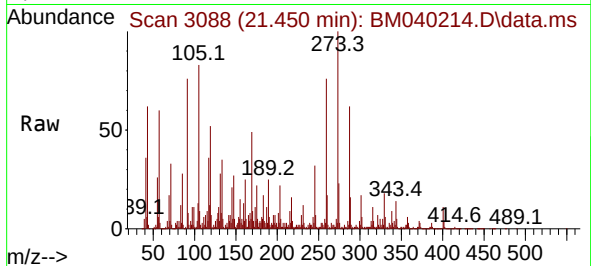




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.429 ng
RT: 21.450 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

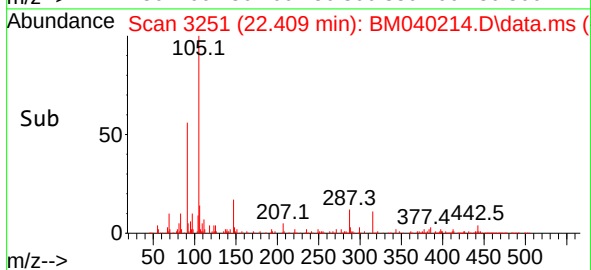
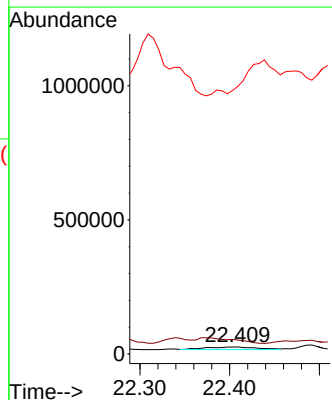
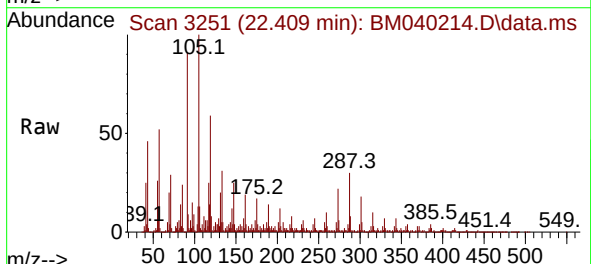
Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

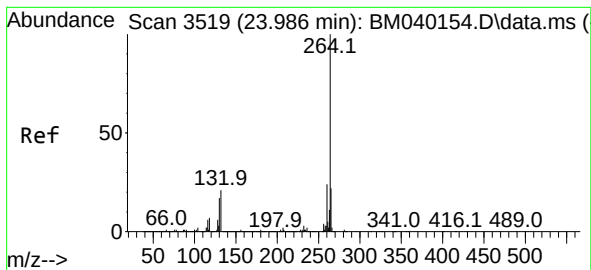
Tgt Ion:149 Resp: 2053
Ion Ratio Lower Upper
149 100
167 935.0 21.7 32.5#
279 144.2 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 26.195 ng
RT: 22.409 min Scan# 3251
Delta R.T. 0.018 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Tgt Ion:149 Resp: 35950
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.044 min Scan# 31
Delta R.T. 0.059 min
Lab File: BM040214.D
Acq: 10 Jun 2023 06:42

Instrument :
BNA_M
ClientSampleId :
COMP-2-6-10RE

Tgt Ion:264 Resp: 2183937

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	23.4	17.7	26.5

