

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039569.D
 Acq On : 22 Apr 2023 01:54
 Operator : CG/JU
 Sample : 02388-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC-1RE

Quant Time: Apr 22 04:58:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

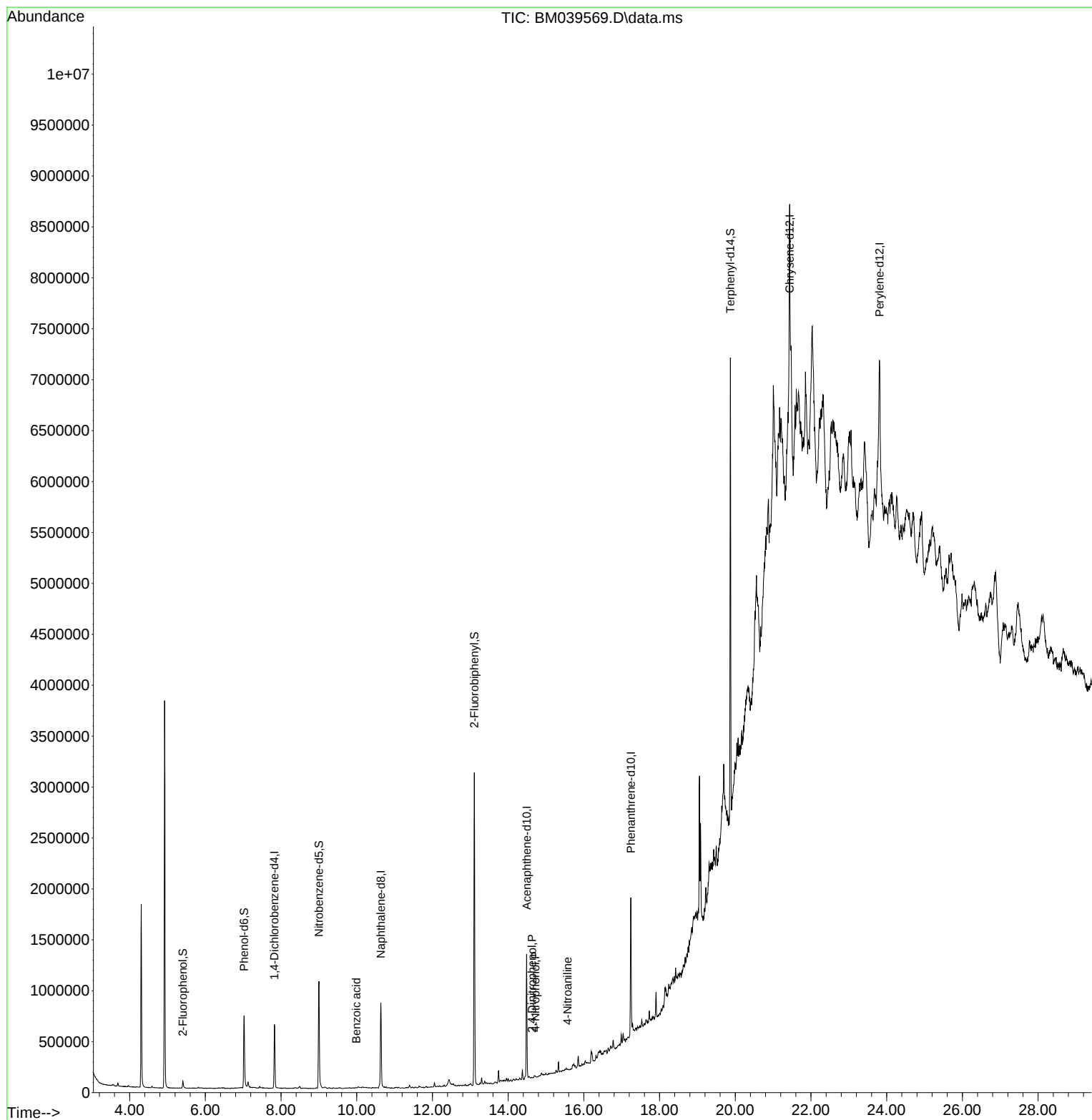
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	172302	20.000	ng	0.00
21) Naphthalene-d8	10.636	136	707240	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	418092	20.000	ng	0.01
64) Phenanthrene-d10	17.242	188	821746	20.000	ng	0.01
76) Chrysene-d12	21.436	240	687931	20.000	ng	# 0.01
86) Perylene-d12	23.812	264	759981	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	33480	3.175	ng	0.02
7) Phenol-d6	7.025	99	466759	30.116	ng	0.02
23) Nitrobenzene-d5	9.001	82	653533	45.252	ng	0.00
42) 2,4,6-Tribromophenol	15.989	330	2939	0.542	ng	0.01
45) 2-Fluorobiphenyl	13.107	172	1564903	51.789	ng	0.00
79) Terphenyl-d14	19.871	244	2170737	56.926	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.989	122	59	5.998	ng	# 1
54) 2,4-Dinitrophenol	14.630	184	114	5.753	ng	# 1
56) 4-Nitrophenol	14.718	139	316	5.453	ng	# 1
62) 4-Nitroaniline	15.571	138	230	2.820	ng	# 18

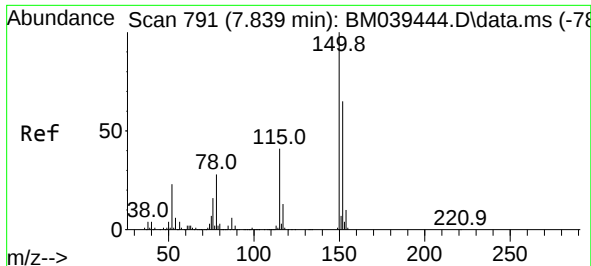
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039569.D
Acq On : 22 Apr 2023 01:54
Operator : CG/JU
Sample : 02388-01RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC-1RE

Quant Time: Apr 22 04:58:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 12:46:01 2023
Response via : Initial Calibration

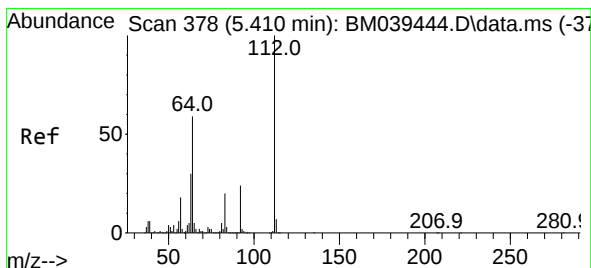
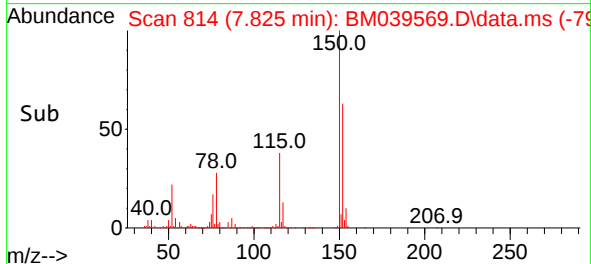
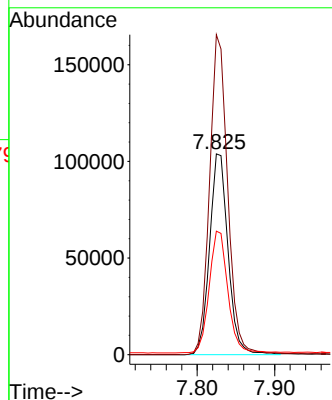
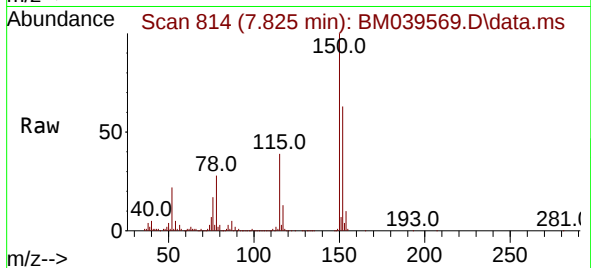




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 814
Delta R.T. 0.006 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

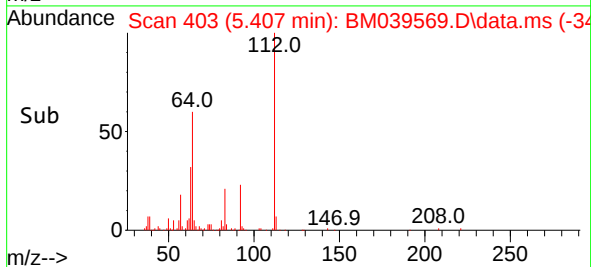
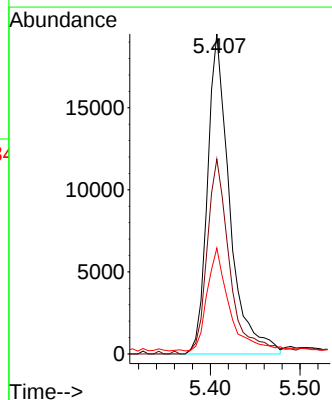
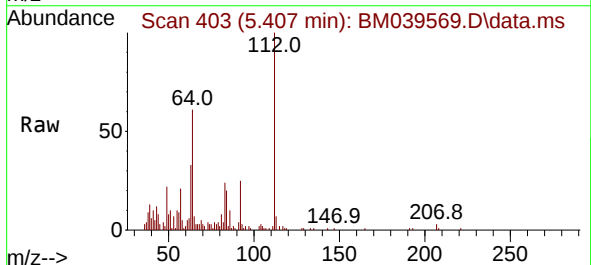
Instrument :
BNA_M
ClientSampleId :
CC-1RE

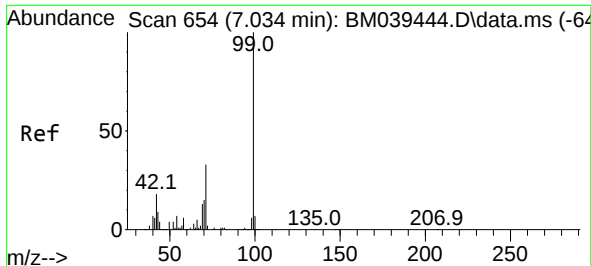
Tgt Ion:152 Resp: 172302
Ion Ratio Lower Upper
152 100
150 159.3 123.0 184.4
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 3.175 ng
RT: 5.407 min Scan# 403
Delta R.T. 0.018 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion:112 Resp: 33480
Ion Ratio Lower Upper
112 100
64 60.9 47.0 70.4
63 33.1 24.2 36.4

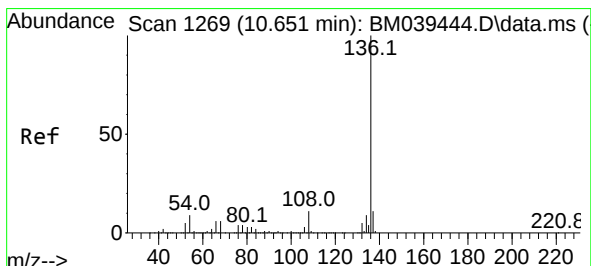
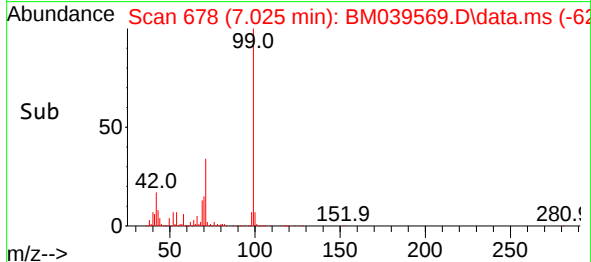
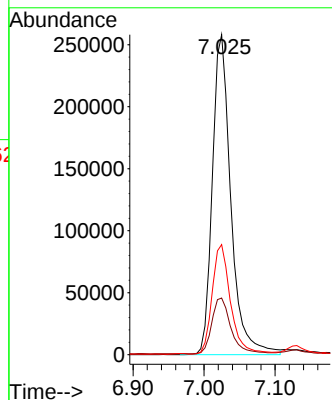
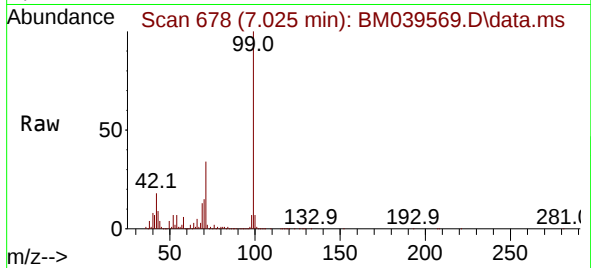




#7
Phenol-d6
Concen: 30.116 ng
RT: 7.025 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

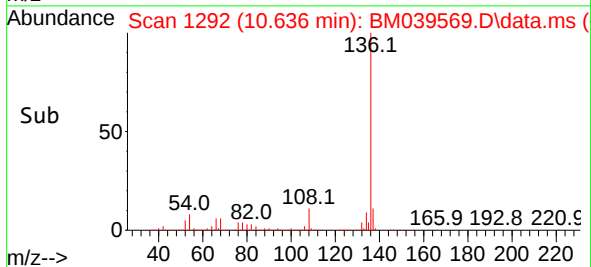
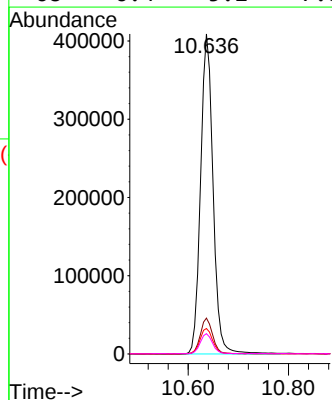
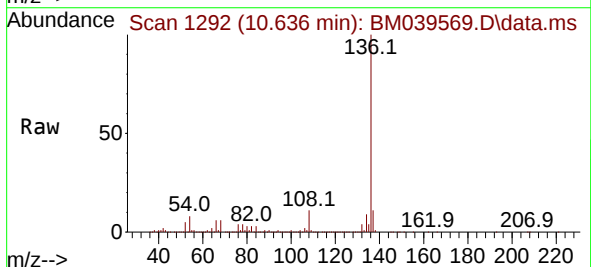
Instrument :
BNA_M
ClientSampleId :
CC-1RE

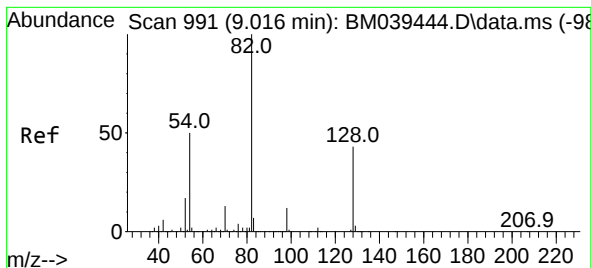
Tgt Ion: 99 Resp: 466759
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 34.4 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.636 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion: 136 Resp: 707240
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.9 6.9 10.3
68 6.4 5.2 7.8

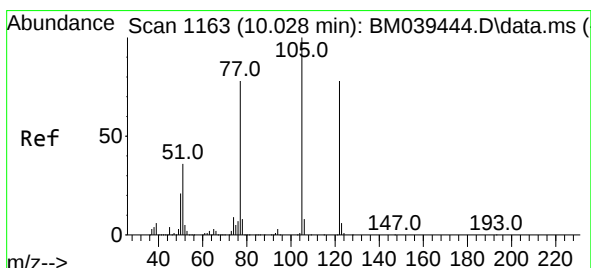
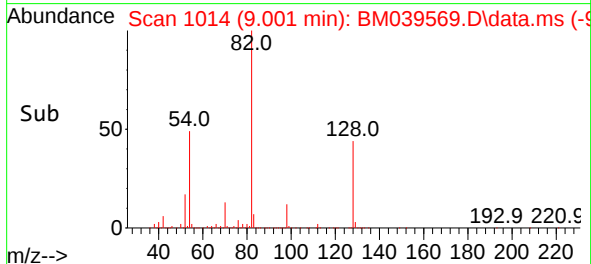
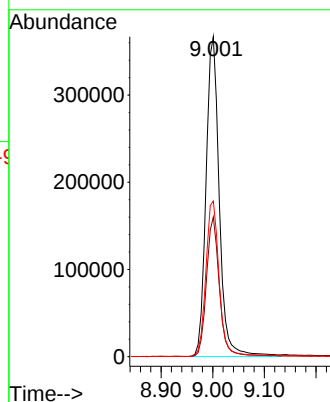
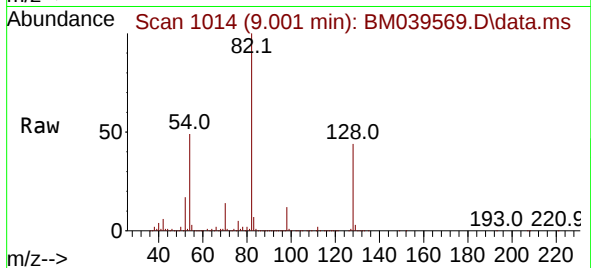




#23
Nitrobenzene-d5
Concen: 45.252 ng
RT: 9.001 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

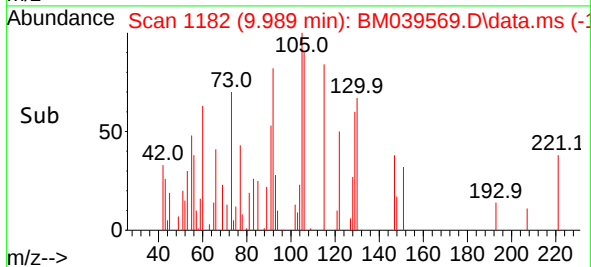
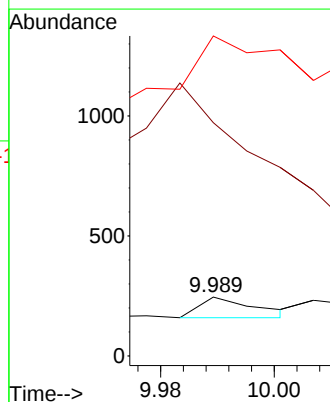
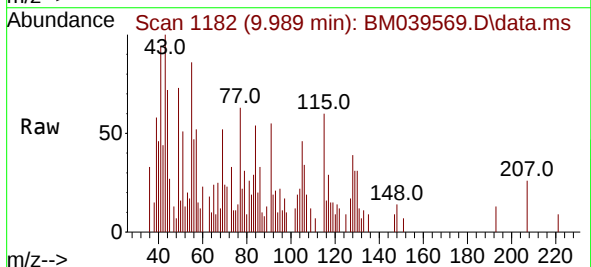
Instrument :
BNA_M
ClientSampleId :
CC-1RE

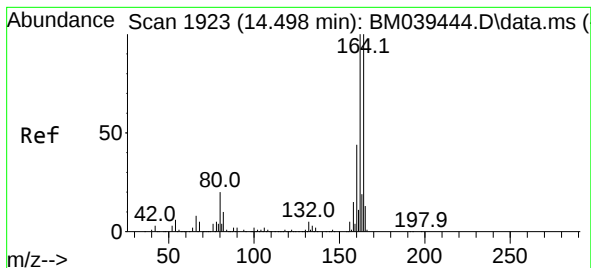
Tgt Ion: 82 Resp: 653533
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.2
54 48.6 39.7 59.5



#32
Benzoic acid
Concen: 5.998 ng
RT: 9.989 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 396.7 105.9 145.9#
77 544.1 78.8 118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.489 min Scan# 1923

Delta R.T. 0.012 min

Lab File: BM039569.D

Acq: 22 Apr 2023 01:54

Instrument :

BNA_M

ClientSampleId :

CC-1RE

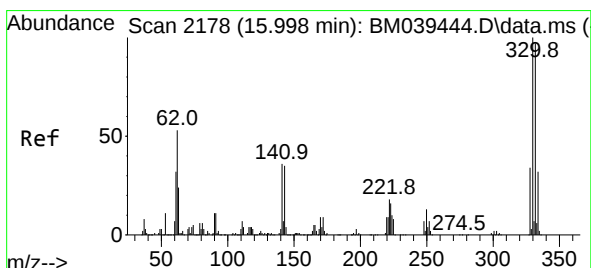
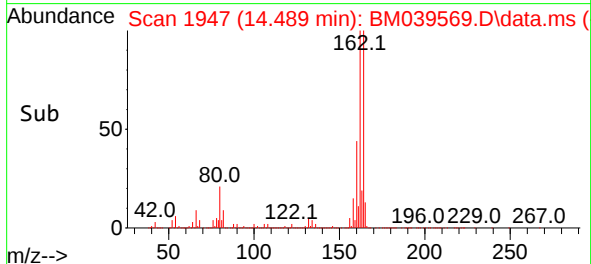
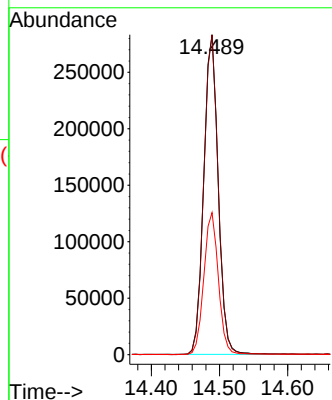
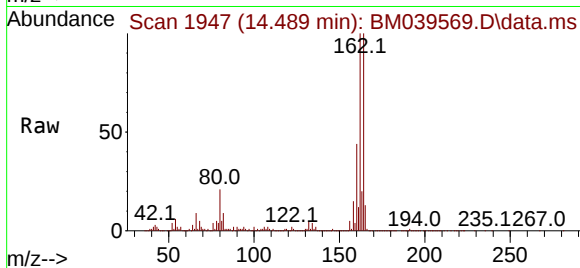
Tgt Ion:164 Resp: 418092

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.8

160 44.4 35.0 52.4



#42

2,4,6-Tribromophenol

Concen: 0.542 ng

RT: 15.989 min Scan# 2202

Delta R.T. 0.012 min

Lab File: BM039569.D

Acq: 22 Apr 2023 01:54

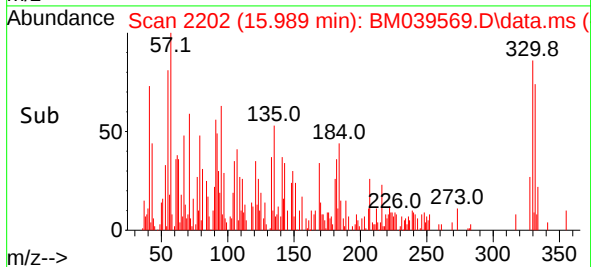
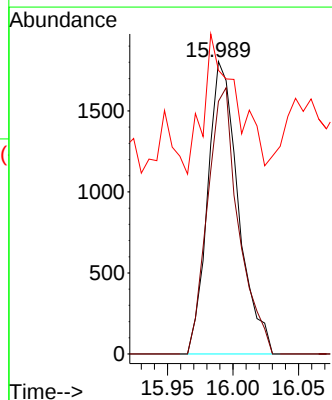
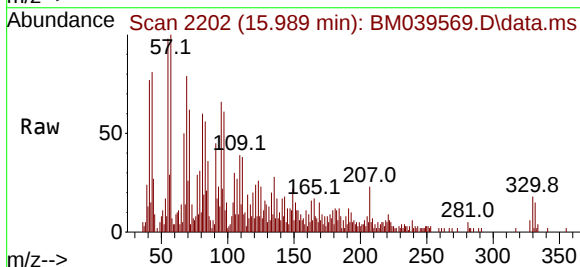
Tgt Ion:330 Resp: 2939

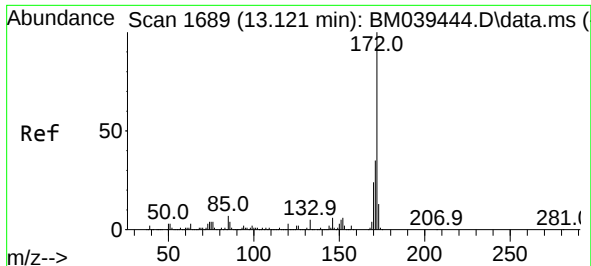
Ion Ratio Lower Upper

330 100

332 92.1 77.4 116.2

141 51.3 31.0 46.6#

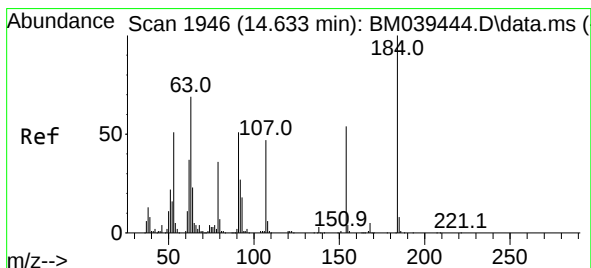
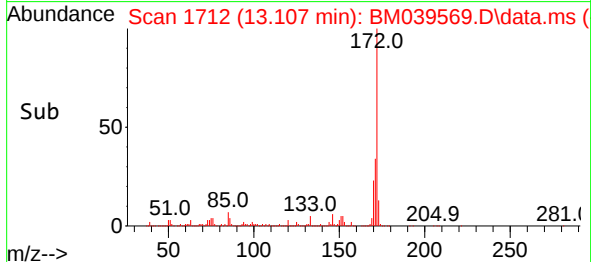
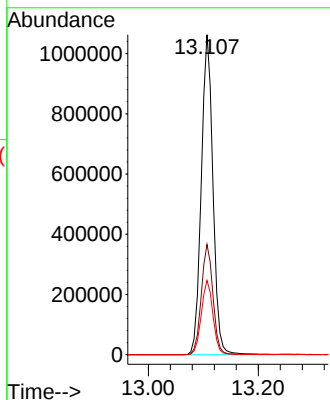
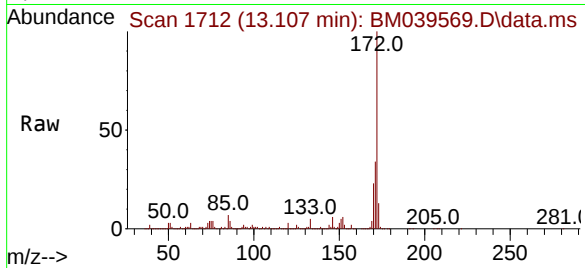




#45
2-Fluorobiphenyl
Concen: 51.789 ng
RT: 13.107 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

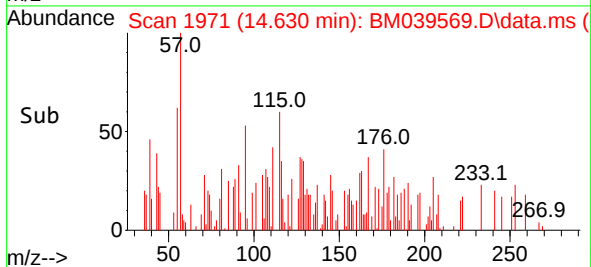
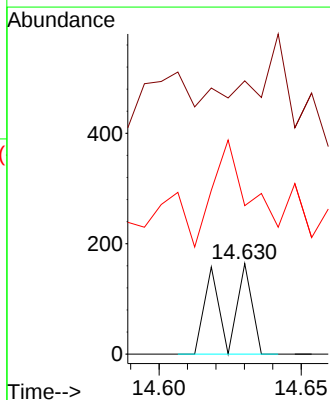
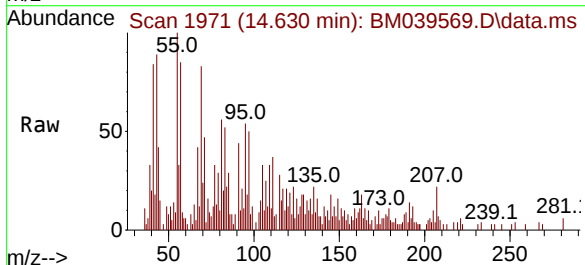
Instrument :
BNA_M
ClientSampleId :
CC-1RE

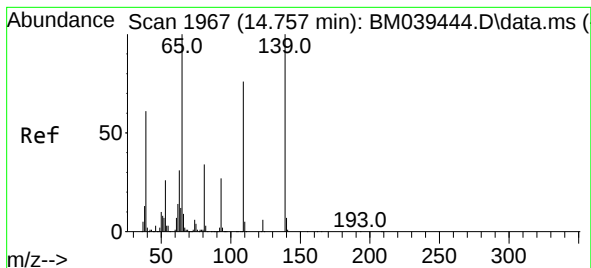
Tgt Ion:172 Resp: 1564903
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.2 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 5.753 ng
RT: 14.630 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 301.8 56.4 84.6#
154 164.0 49.1 73.7#

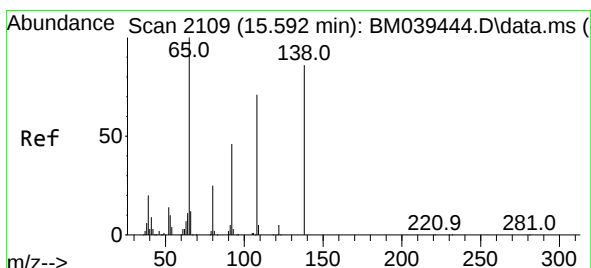
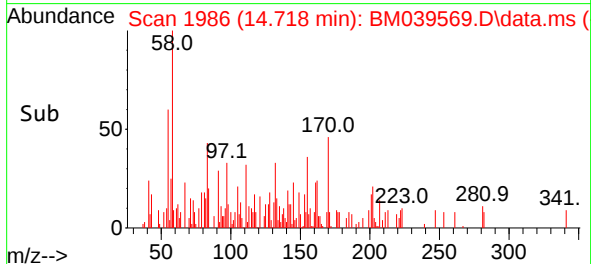
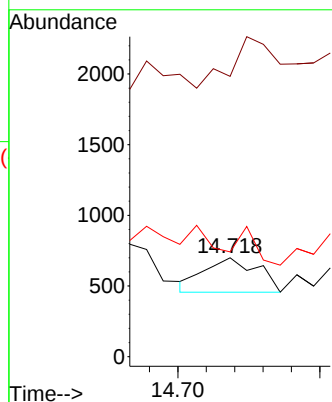
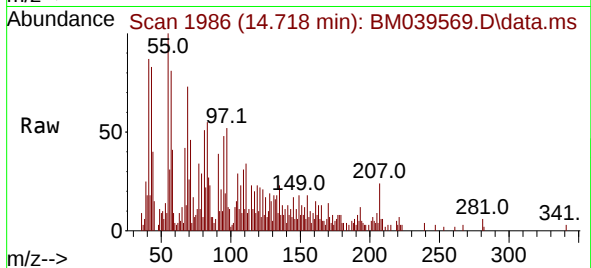




#56
4-Nitrophenol
Concen: 5.453 ng
RT: 14.718 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

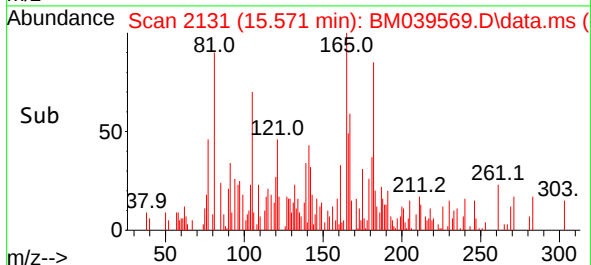
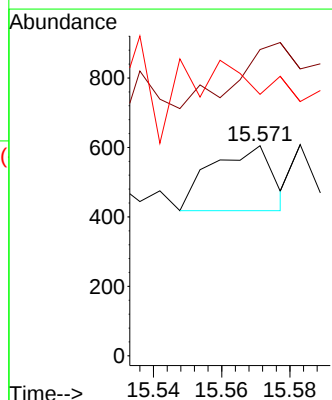
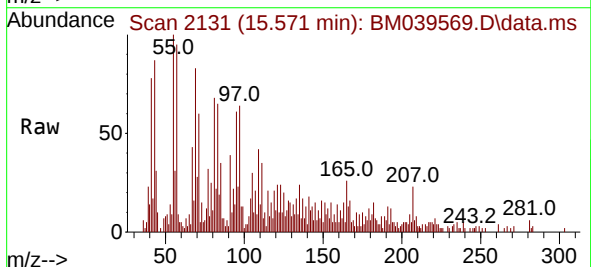
Instrument :
BNA_M
ClientSampleId :
CC-1RE

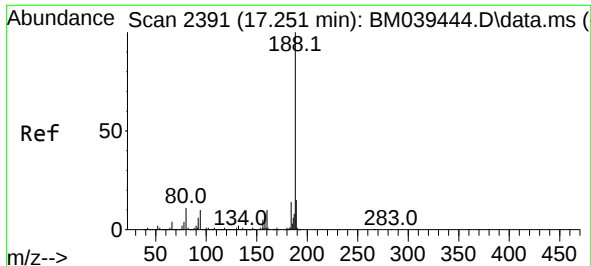
Tgt Ion:139 Resp: 316
Ion Ratio Lower Upper
139 100
109 283.7 56.5 96.5#
65 106.2 81.3 121.3



#62
4-Nitroaniline
Concen: 2.820 ng
RT: 15.571 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion:138 Resp: 230
Ion Ratio Lower Upper
138 100
92 145.8 32.6 72.6#
108 124.5 60.6 100.6#

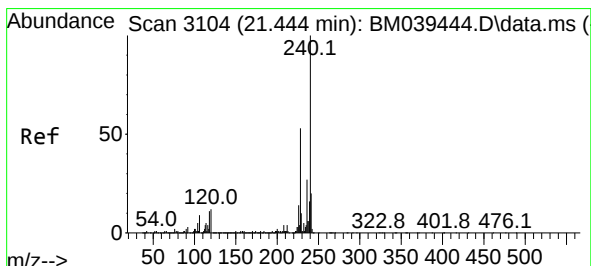
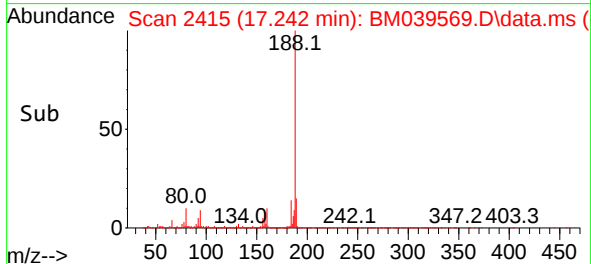
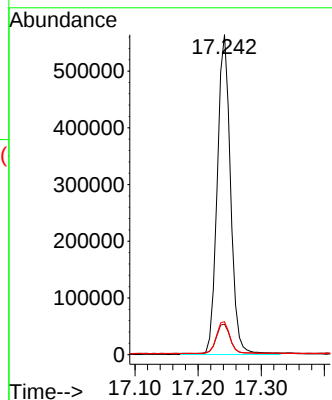
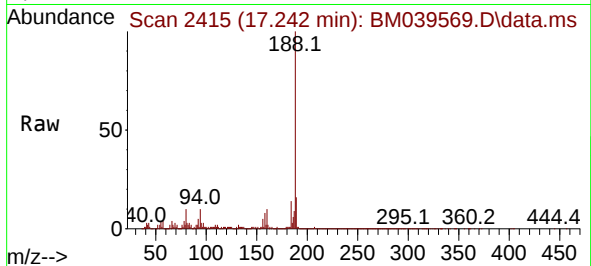




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.012 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

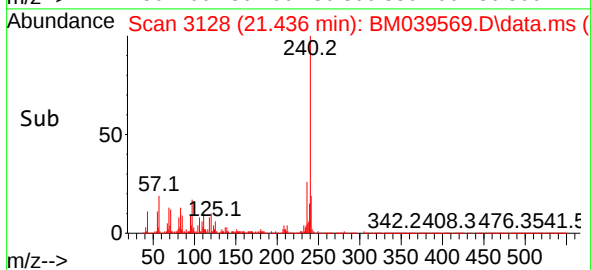
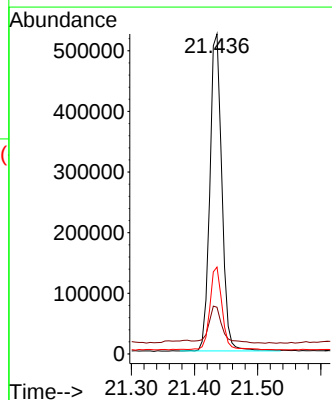
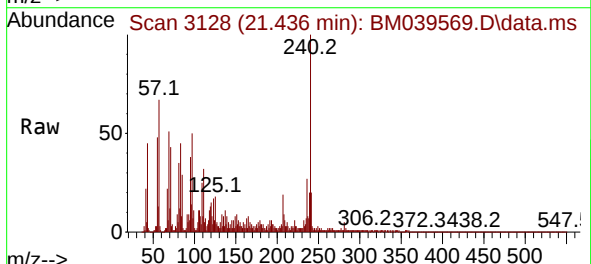
Instrument :
BNA_M
ClientSampleId :
CC-1RE

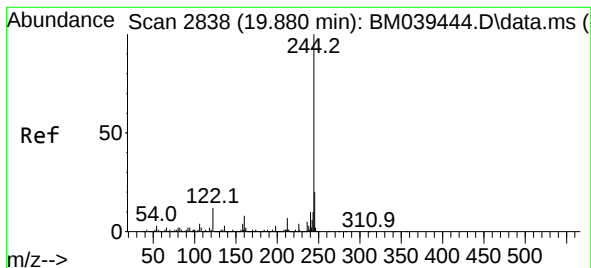
Tgt Ion:188 Resp: 821746
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.436 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BM039569.D
Acq: 22 Apr 2023 01:54

Tgt Ion:240 Resp: 687931
Ion Ratio Lower Upper
240 100
120 14.6 9.4 14.2#
236 27.1 21.2 31.8





#79

Terphenyl-d14

Concen: 56.926 ng

RT: 19.871 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039569.D

Acq: 22 Apr 2023 01:54

Instrument :

BNA_M

ClientSampleId :

CC-1RE

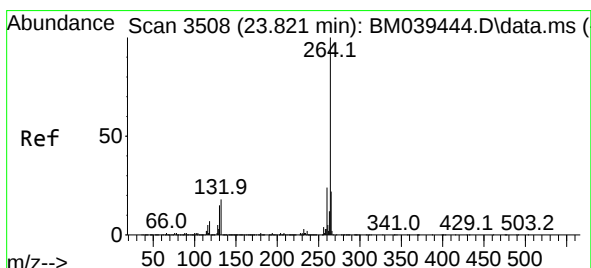
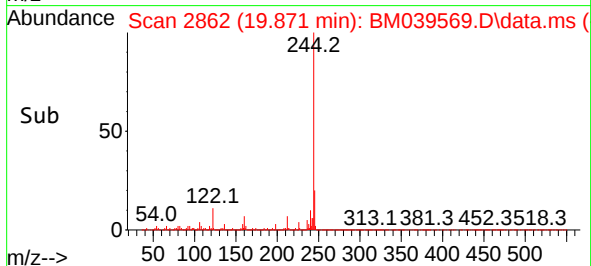
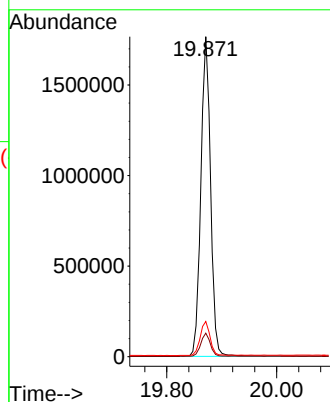
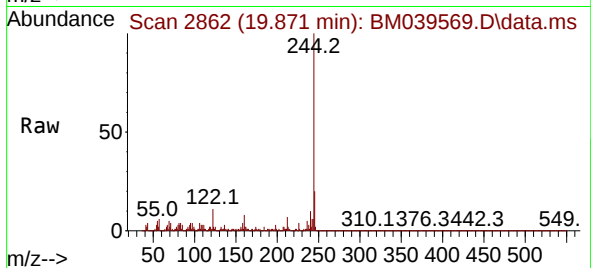
Tgt Ion:244 Resp: 2170737

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.812 min Scan# 3532

Delta R.T. 0.023 min

Lab File: BM039569.D

Acq: 22 Apr 2023 01:54

Tgt Ion:264 Resp: 759981

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 23.7 18.0 27.0

