

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039557.D
 Acq On : 21 Apr 2023 18:39
 Operator : CG/JU
 Sample : 02403-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Quant Time: Apr 22 01:46:22 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)

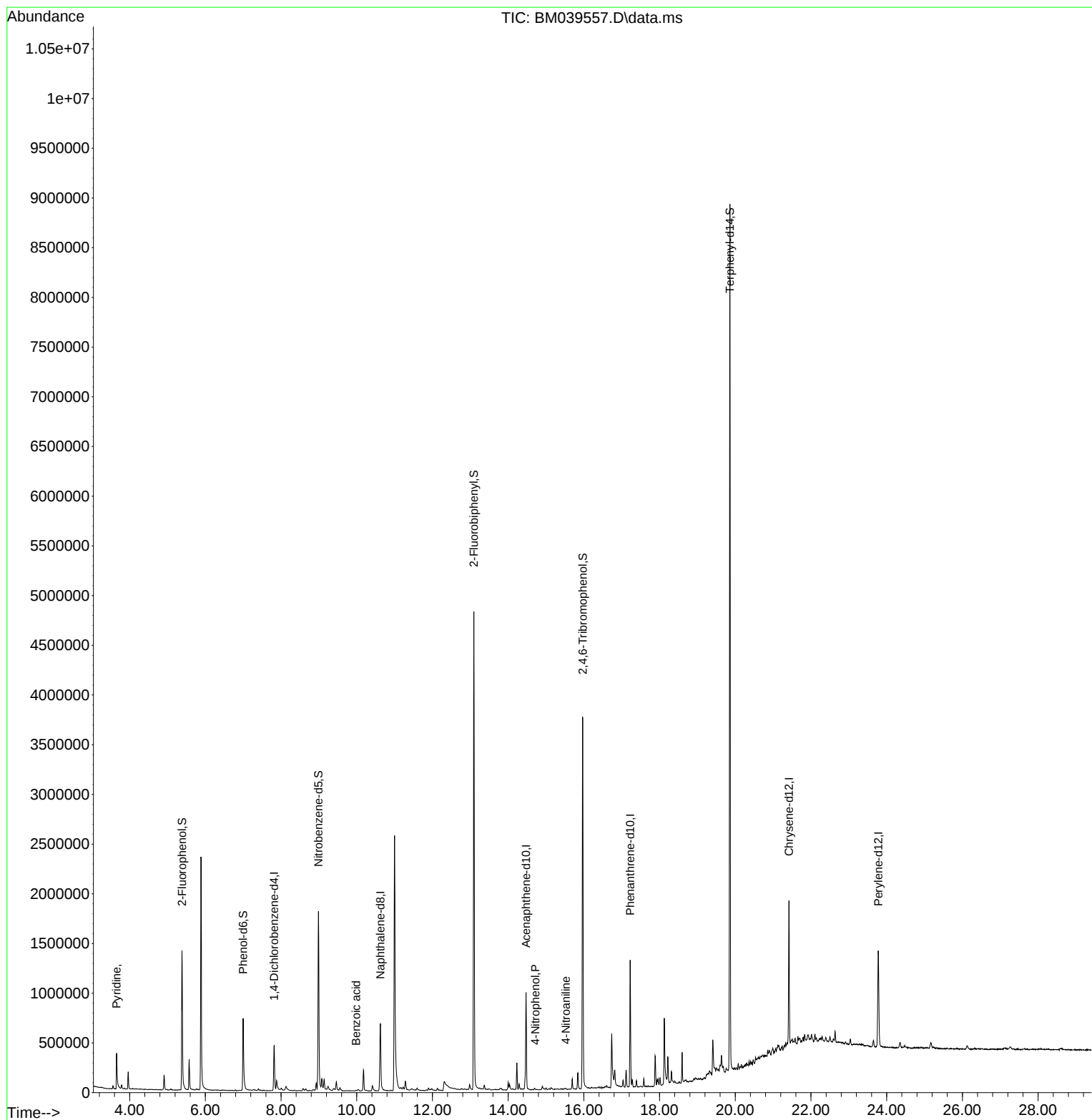
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	127237	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	533574	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	332372	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	703987	20.000	ng	0.00
76) Chrysene-d12	21.418	240	653405	20.000	ng	0.00
86) Perylene-d12	23.777	264	716753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	630726	80.990	ng	0.00
7) Phenol-d6	6.995	99	492933	43.070	ng	-0.01
23) Nitrobenzene-d5	8.989	82	1095765	100.568	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	650646	150.856	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2357880	98.156	ng	0.00
79) Terphenyl-d14	19.859	244	4019836	110.987	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.654	79	209449	22.113	ng	96
32) Benzoic acid	9.983	122	354	6.038	ng	# 45
56) 4-Nitrophenol	14.718	139	132	5.429	ng	# 45
62) 4-Nitroaniline	15.524	138	111	2.808	ng	# 25

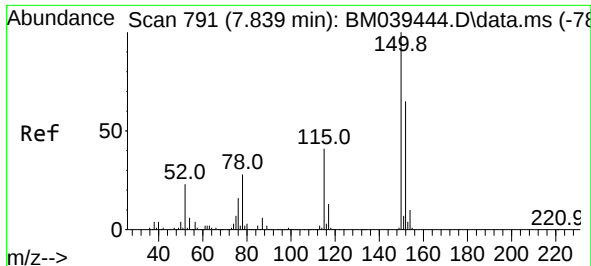
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039557.D
Acq On : 21 Apr 2023 18:39
Operator : CG/JU
Sample : 02403-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Time: Apr 22 01:46:22 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

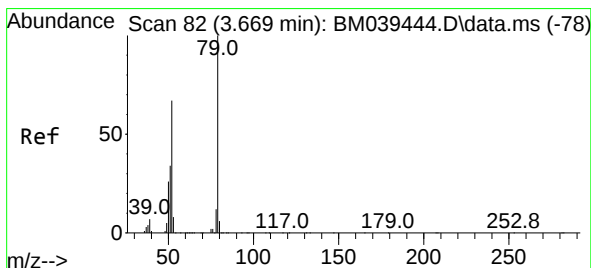
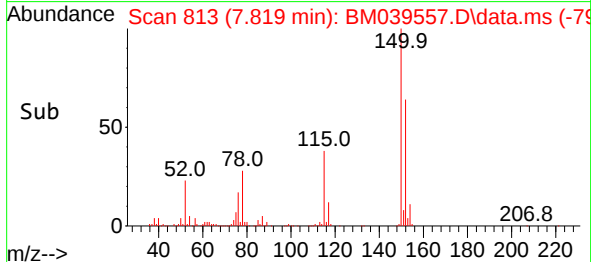
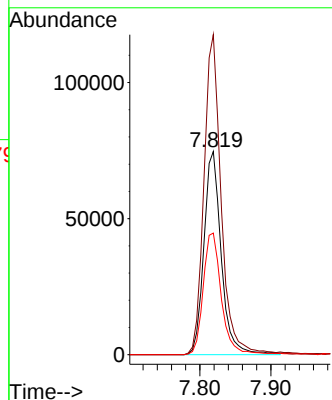
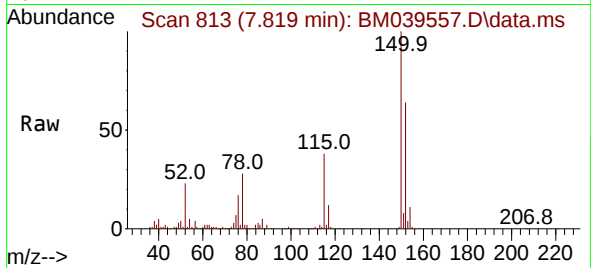




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

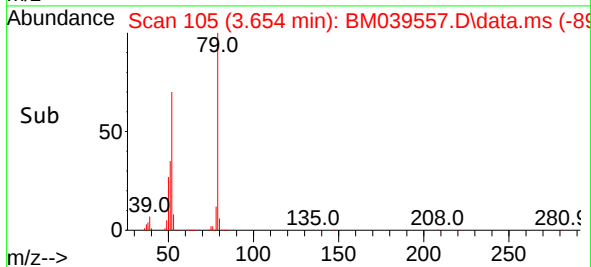
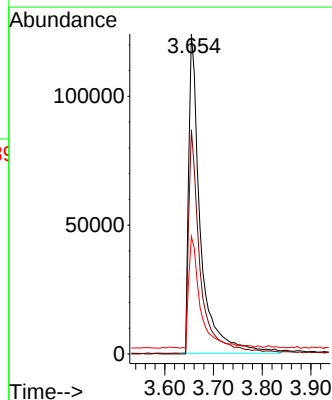
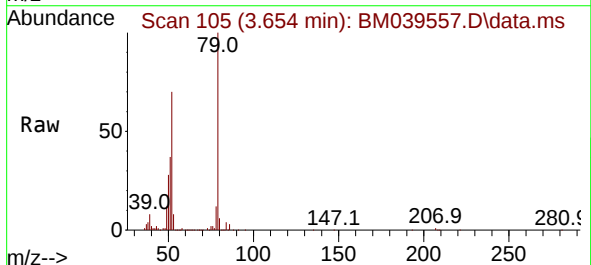
Instrument :
BNA_M
ClientSampleId :
COMP-2

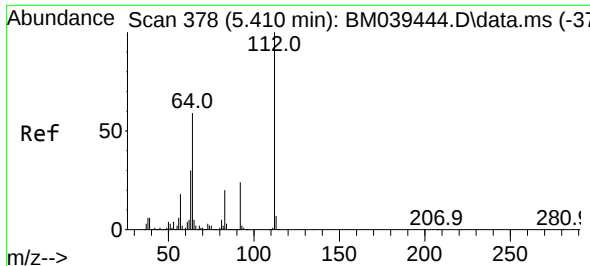
Tgt Ion:152 Resp: 127237
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 59.8 49.9 74.9



#3
Pyridine
Concen: 22.113 ng
RT: 3.654 min Scan# 105
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion: 79 Resp: 209449
Ion Ratio Lower Upper
79 100
52 70.1 53.8 80.8
51 36.7 27.7 41.5

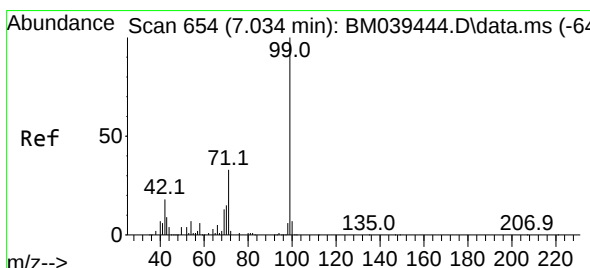
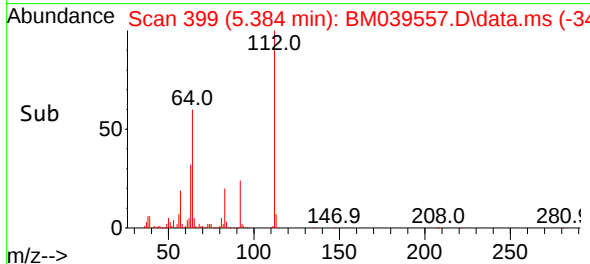
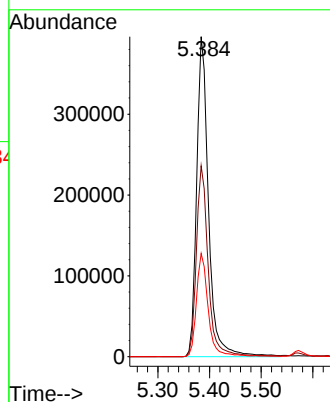
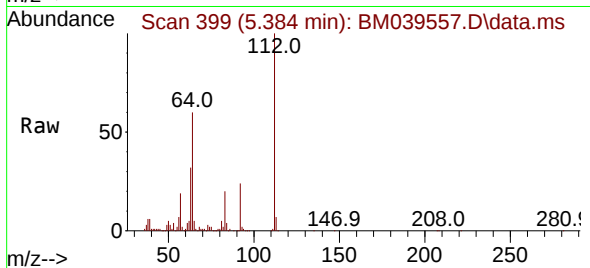




#5
2-Fluorophenol
Concen: 80.990 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

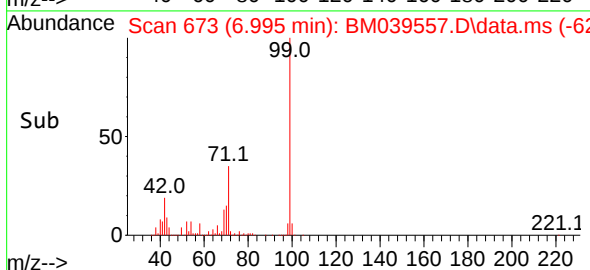
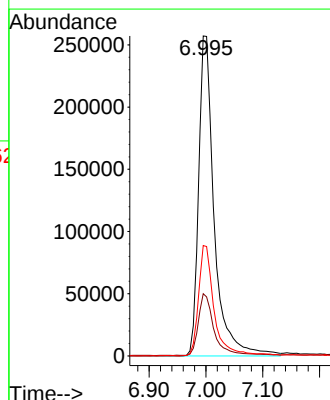
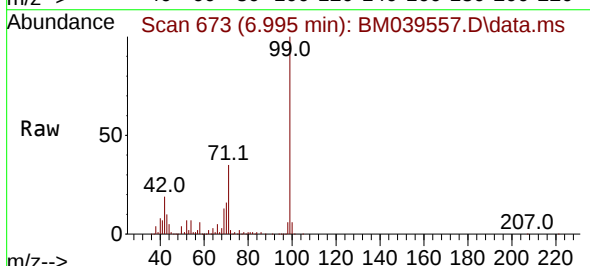
Instrument :
BNA_M
ClientSampleId :
COMP-2

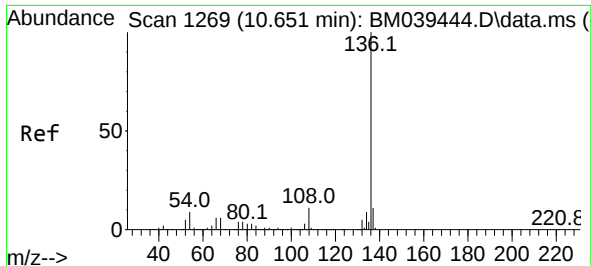
Tgt Ion:112 Resp: 630726
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.4
63 32.2 24.2 36.4



#7
Phenol-d6
Concen: 43.070 ng
RT: 6.995 min Scan# 673
Delta R.T. -0.012 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion: 99 Resp: 492933
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 34.5 26.8 40.2



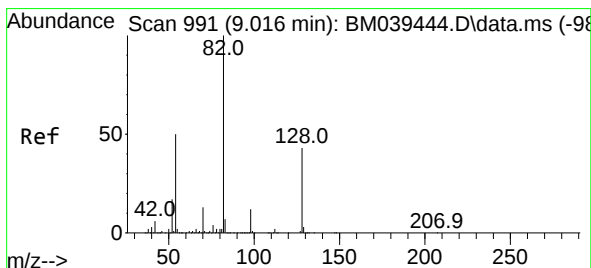
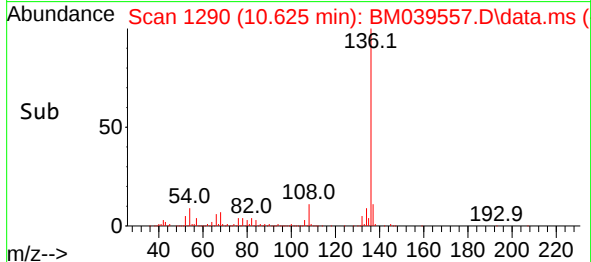
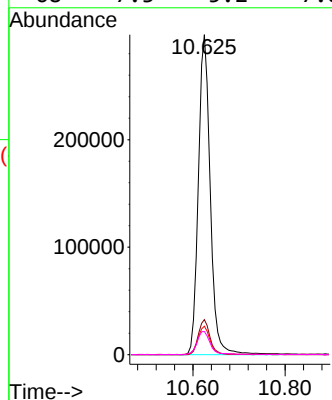
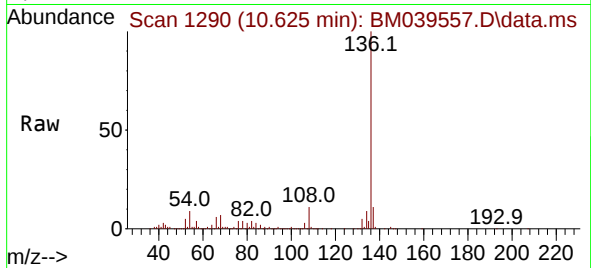


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 533574

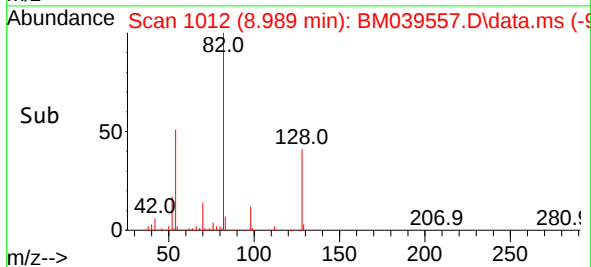
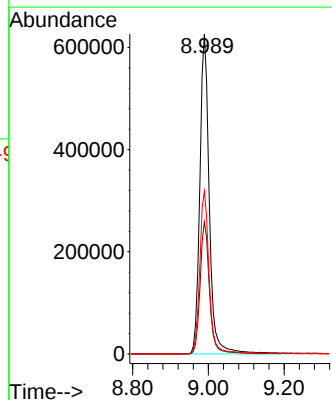
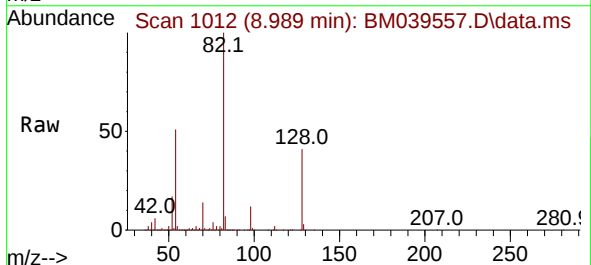
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	6.9	10.3
68	7.3	5.2	7.8

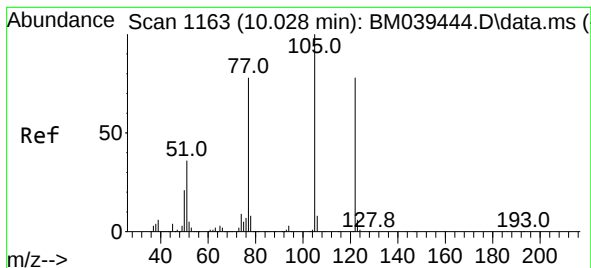


#23
Nitrobenzene-d5
Concen: 100.568 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion: 82 Resp: 1095765

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.2	51.2
54	50.8	39.7	59.5





#32

Benzoic acid

Concen: 6.038 ng

RT: 9.983 min Scan# 1163

Delta R.T. -0.024 min

Lab File: BM039557.D

Acq: 21 Apr 2023 18:39

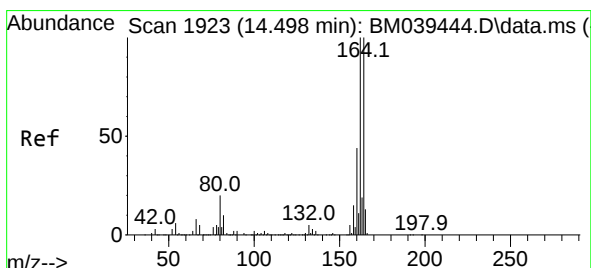
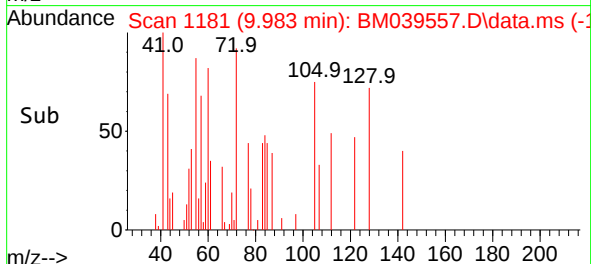
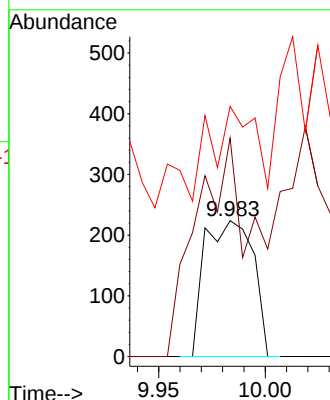
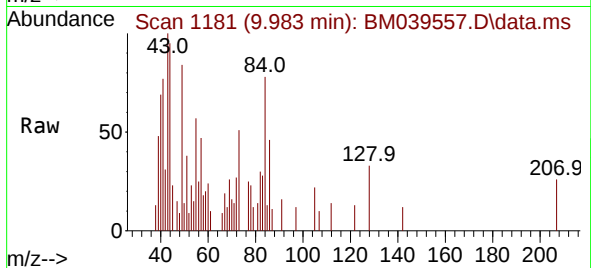
Instrument :

BNA_M

ClientSampleId :

COMP-2

Tgt Ion:	122	Resp:	354
Ion	Ratio	Lower	Upper
122	100		
105	160.7	105.9	145.9#
77	183.9	78.8	118.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

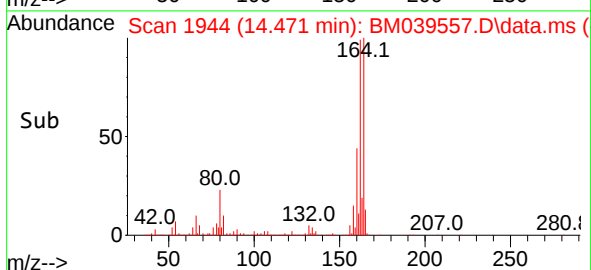
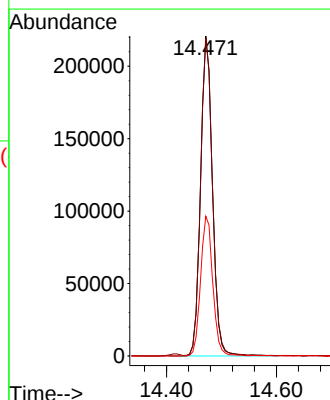
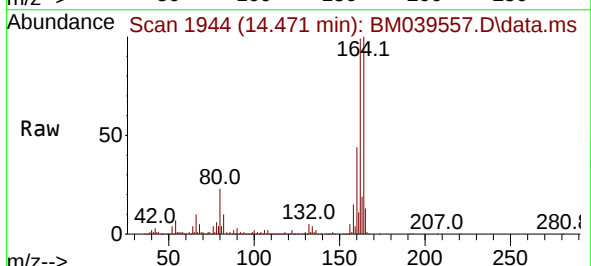
RT: 14.471 min Scan# 1944

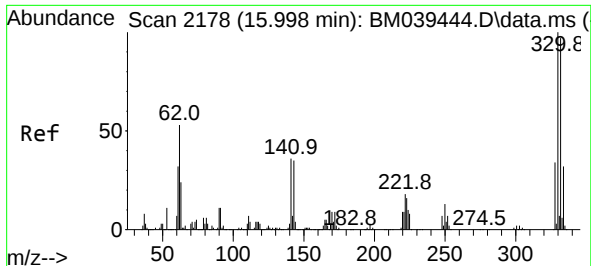
Delta R.T. -0.006 min

Lab File: BM039557.D

Acq: 21 Apr 2023 18:39

Tgt Ion:	164	Resp:	332372
Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.8	119.8
160	43.7	35.0	52.4

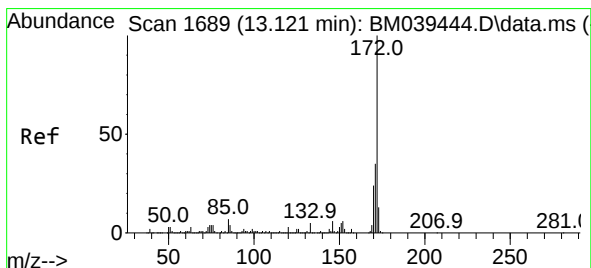
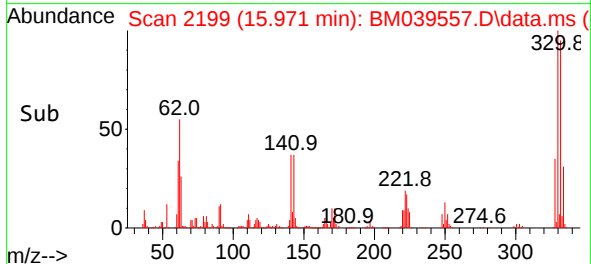
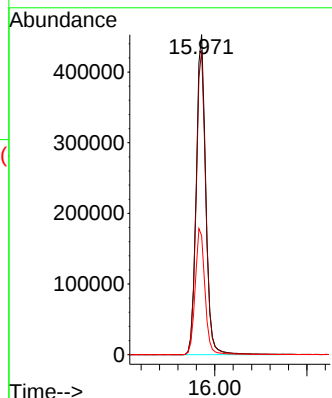
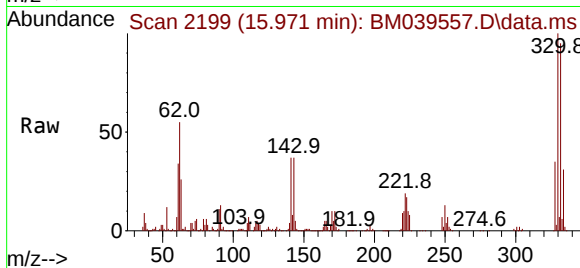




#42
2,4,6-Tribromophenol
Concen: 150.856 ng
RT: 15.971 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

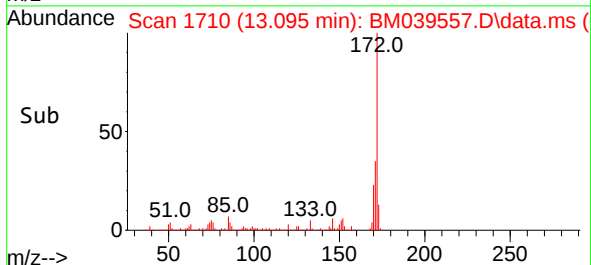
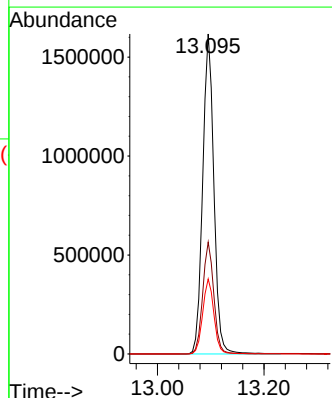
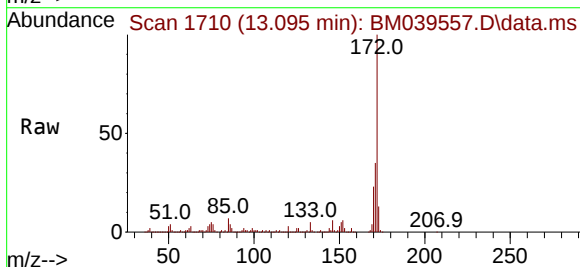
Instrument :
BNA_M
ClientSampleId :
COMP-2

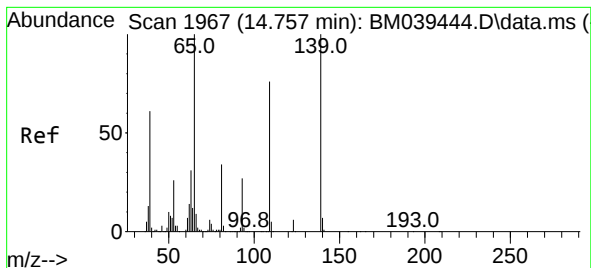
Tgt Ion:330 Resp: 650646
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 40.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 98.156 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion:172 Resp: 2357880
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.4 19.0 28.4

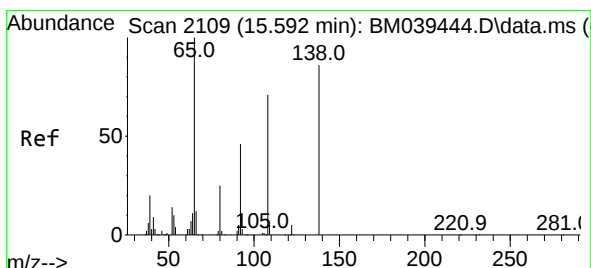
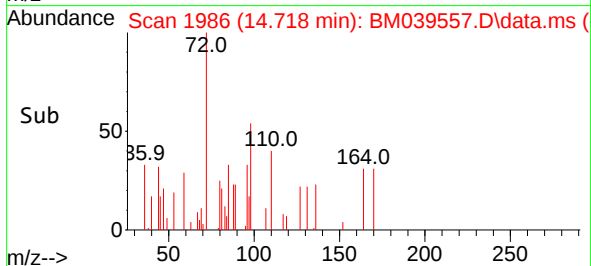
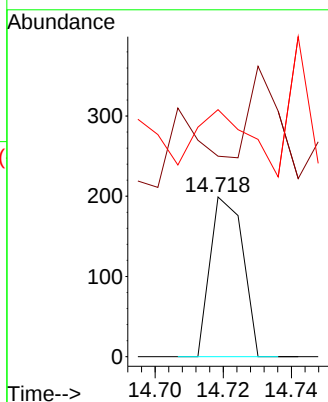
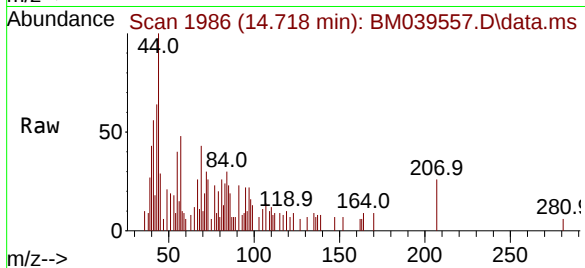




#56
4-Nitrophenol
Concen: 5.429 ng
RT: 14.718 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

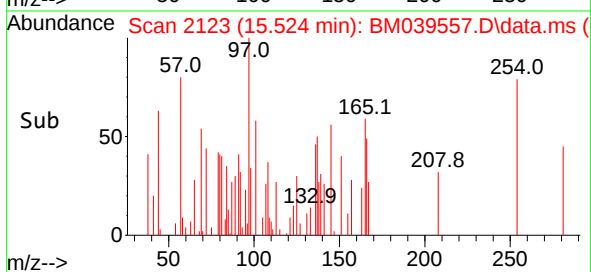
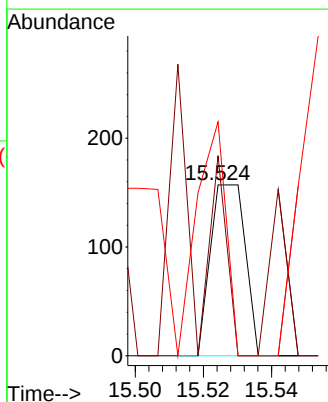
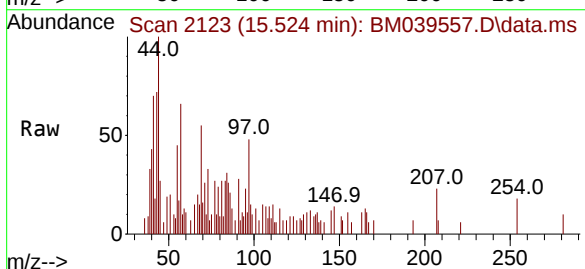
Instrument :
BNA_M
ClientSampleId :
COMP-2

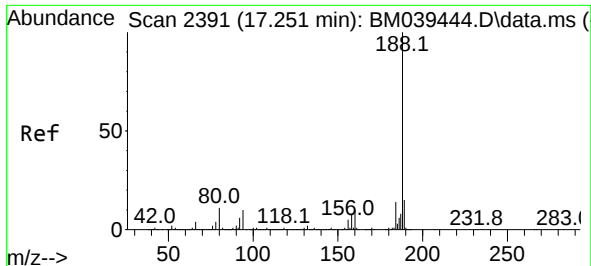
Tgt Ion:139 Resp: 132
Ion Ratio Lower Upper
139 100
109 125.6 56.5 96.5#
65 154.8 81.3 121.3#



#62
4-Nitroaniline
Concen: 2.808 ng
RT: 15.524 min Scan# 2123
Delta R.T. -0.047 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
92 117.2 32.6 72.6#
108 136.9 60.6 100.6#

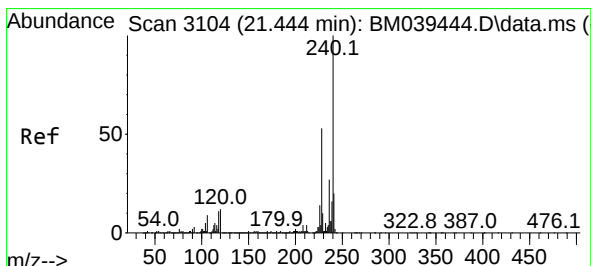
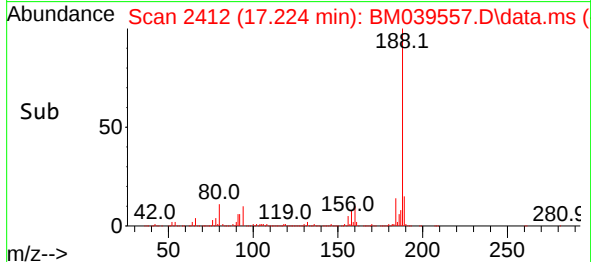
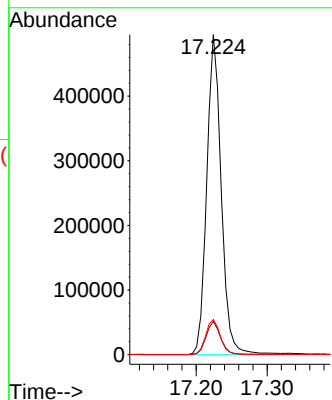
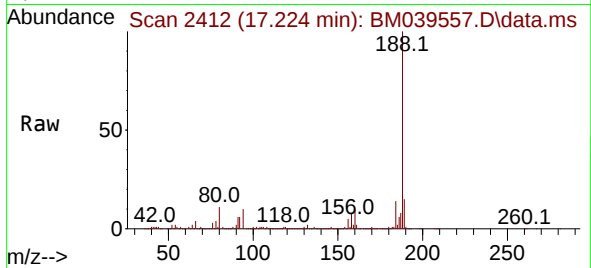




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

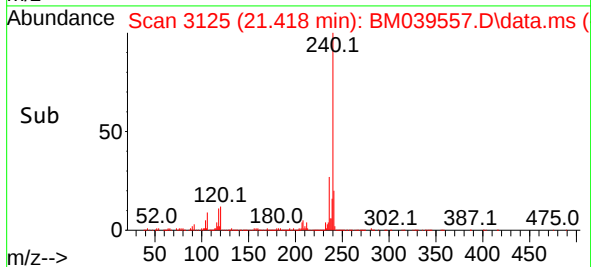
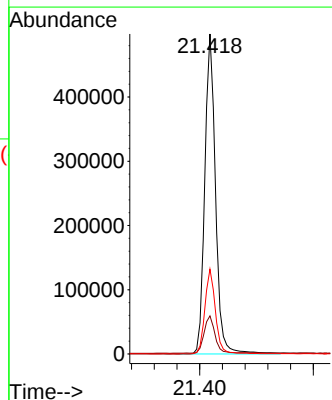
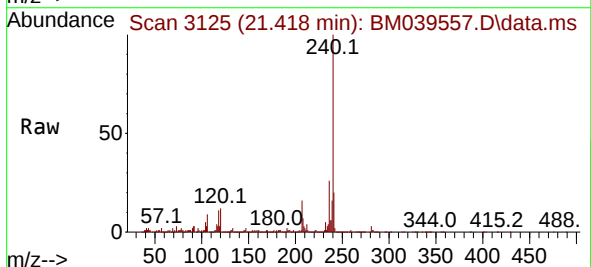
Instrument :
BNA_M
ClientSampleId :
COMP-2

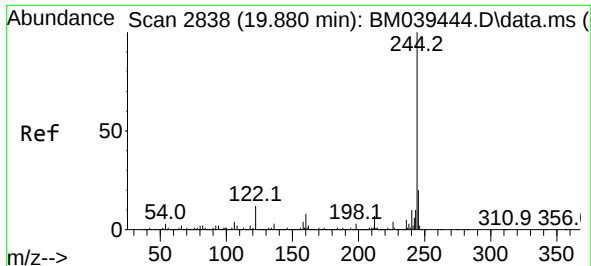
Tgt Ion:188 Resp: 703987
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM039557.D
Acq: 21 Apr 2023 18:39

Tgt Ion:240 Resp: 653405
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.5 21.2 31.8

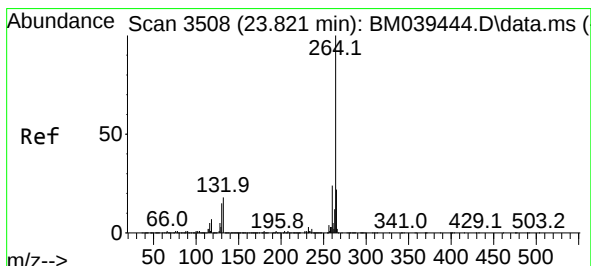
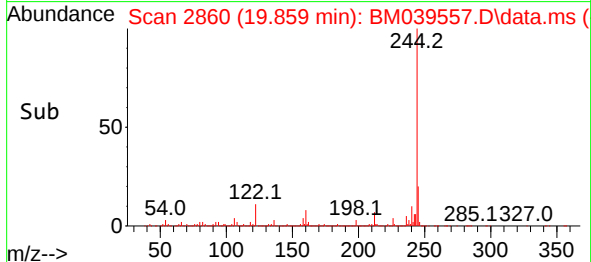
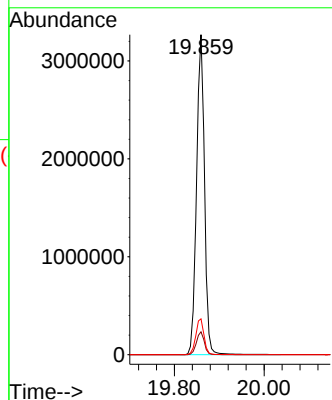
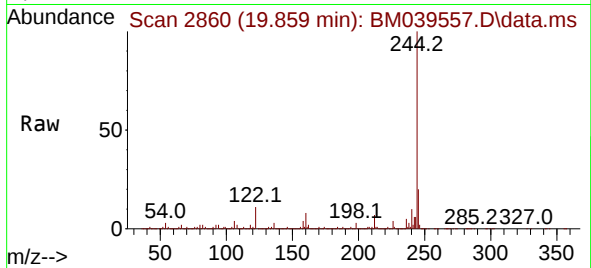




#79
 Terphenyl-d14
 Concen: 110.987 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039557.D
 Acq: 21 Apr 2023 18:39

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 4019836
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3526
 Delta R.T. -0.012 min
 Lab File: BM039557.D
 Acq: 21 Apr 2023 18:39

Tgt Ion:264 Resp: 716753
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.5 18.0 27.0

