

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040233.D
 Acq On : 13 Jun 2023 20:04
 Operator : MA/JU
 Sample : 03016-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-45(OW)RE

Quant Time: Jun 13 22:56:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 22:36:11 2023
 Response via : Initial Calibration

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

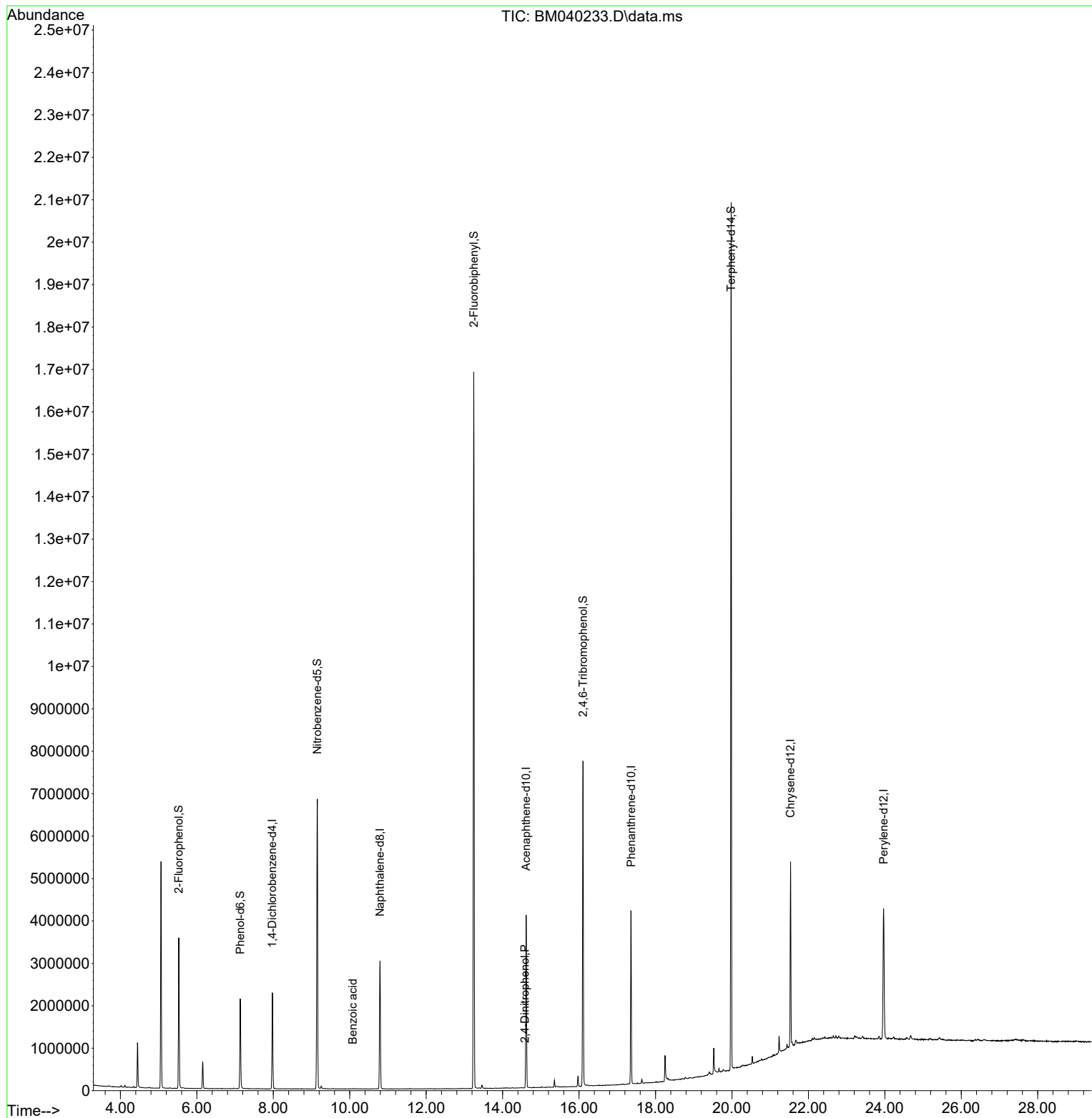
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	575410	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	2404113	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	1280937	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2330351	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1883327	20.000	ng	0.00
86) Perylene-d12	23.968	264	2141493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1470740	39.630	ng	0.00
7) Phenol-d6	7.134	99	1181243	23.346	ng	0.00
23) Nitrobenzene-d5	9.151	82	3854768	83.960	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1263301	70.697	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	8252570	88.432	ng	0.00
79) Terphenyl-d14	19.980	244	9232134	95.251	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.080	122	458	5.885	ng	# 1
54) 2,4-Dinitrophenol	14.580	184	57	5.562	ng	# 29

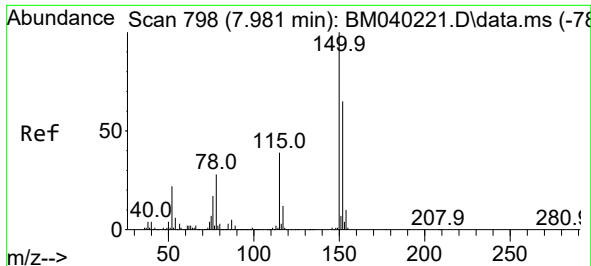
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040233.D
Acq On : 13 Jun 2023 20:04
Operator : MA/JU
Sample : 03016-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-45(OW)RE

Quant Time: Jun 13 22:56:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 22:36:11 2023
Response via : Initial Calibration

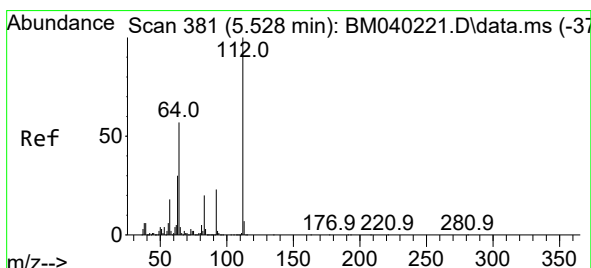
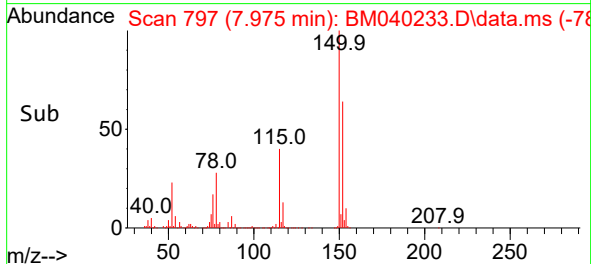
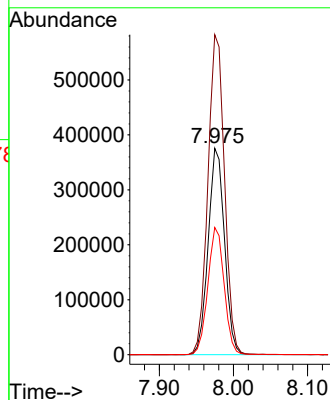
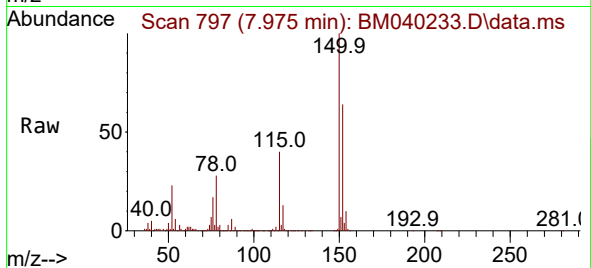




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

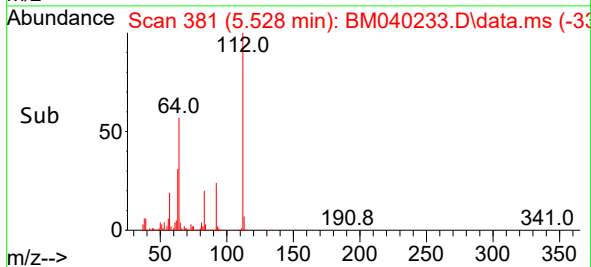
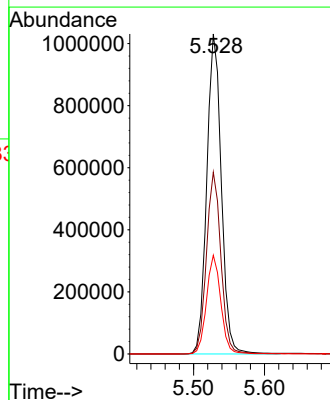
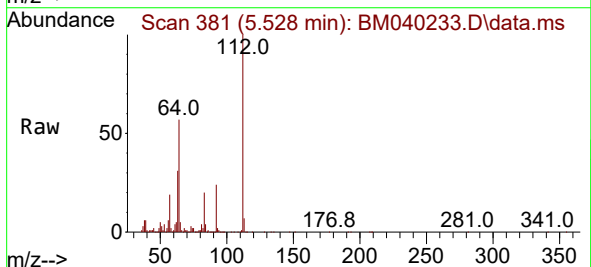
Instrument :
BNA_M
ClientSampleId :
B-45(OW)RE

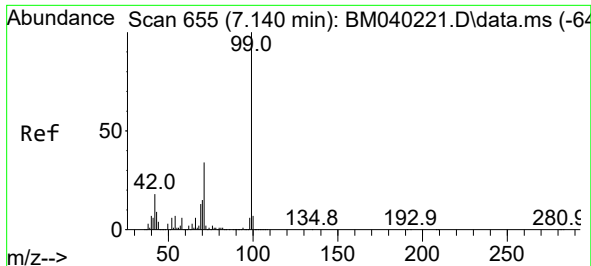
Tgt Ion:152 Resp: 575410
Ion Ratio Lower Upper
152 100
150 155.1 122.5 183.7
115 61.6 47.9 71.9



#5
2-Fluorophenol
Concen: 39.630 ng
RT: 5.528 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

Tgt Ion:112 Resp: 1470740
Ion Ratio Lower Upper
112 100
64 56.8 45.2 67.8
63 30.8 24.2 36.4

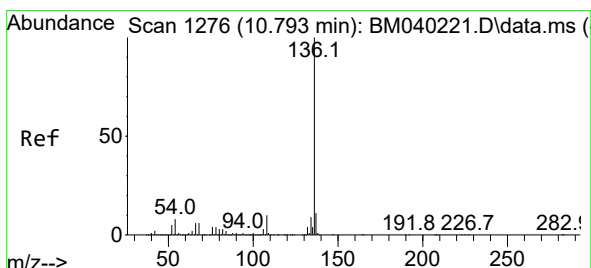
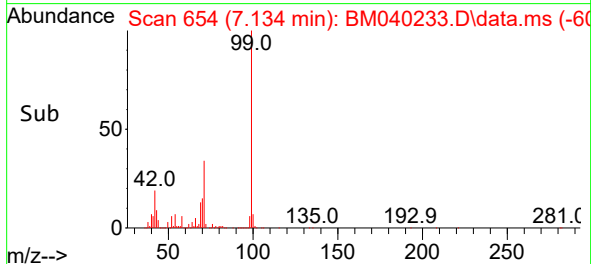
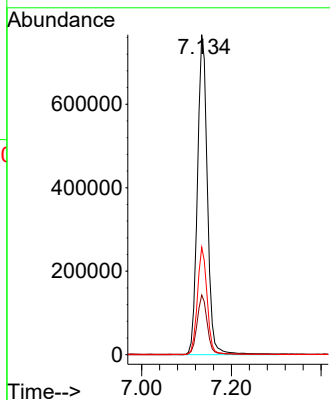
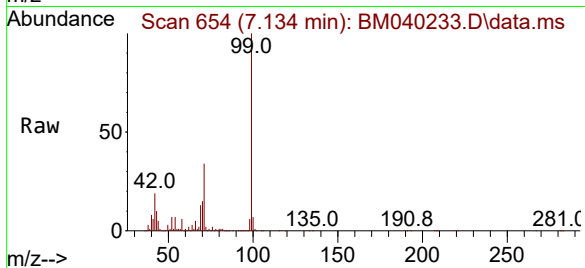




#7
Phenol-d6
Concen: 23.346 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

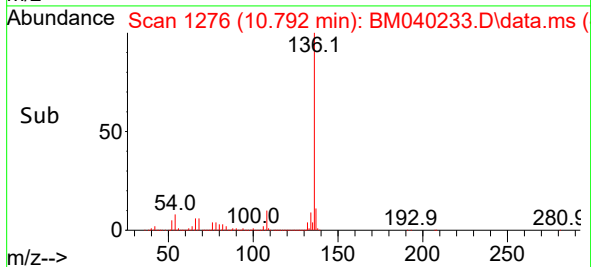
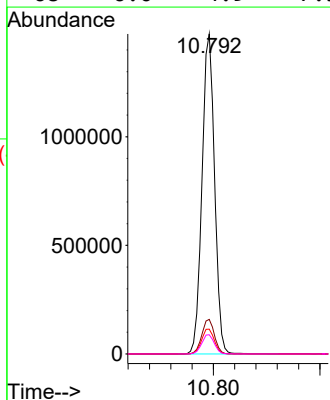
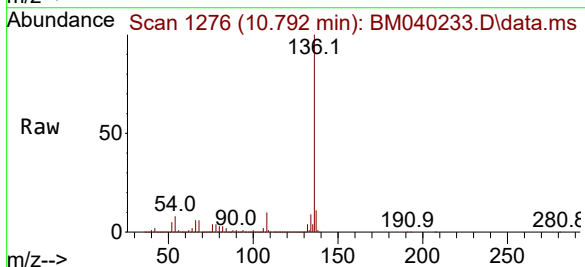
Instrument :
BNA_M
ClientSampleId :
B-45(OW)RE

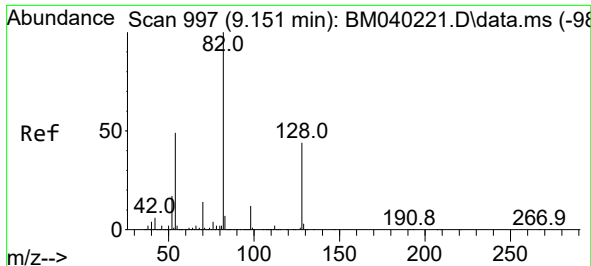
Tgt Ion: 99 Resp: 1181243
Ion Ratio Lower Upper
99 100
42 18.6 14.5 21.7
71 33.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

Tgt Ion: 136 Resp: 2404113
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.8 6.2 9.4
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.960 ng

RT: 9.151 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040233.D

Acq: 13 Jun 2023 20:04

Instrument :

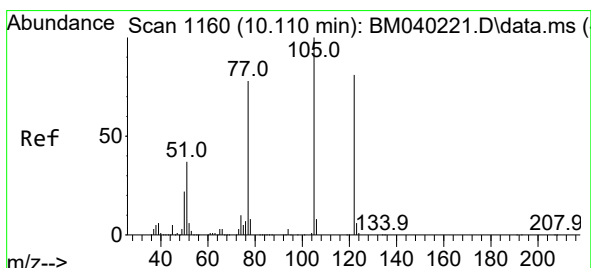
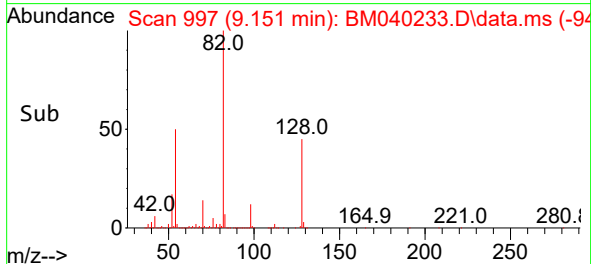
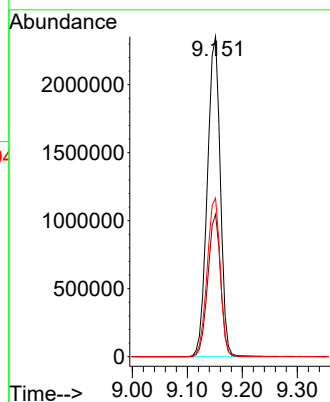
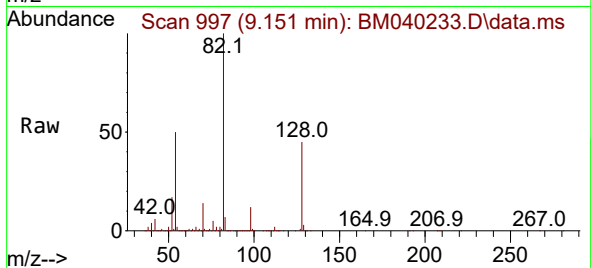
BNA_M

ClientSampleId :

B-45(OW)RE

Tgt Ion: 82 Resp: 3854768

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.3	52.9
54	49.6	39.5	59.3



#32

Benzoic acid

Concen: 5.885 ng

RT: 10.080 min Scan# 1155

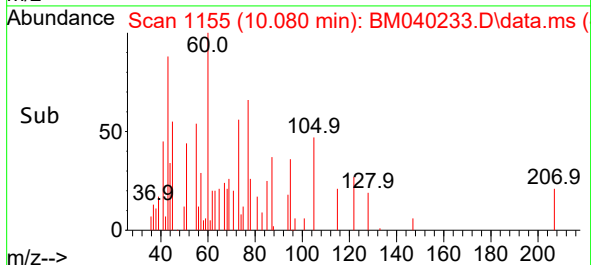
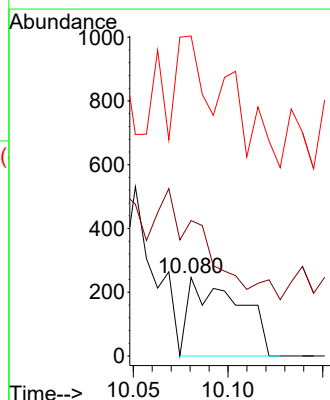
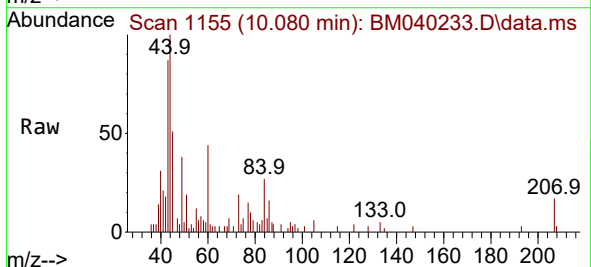
Delta R.T. -0.030 min

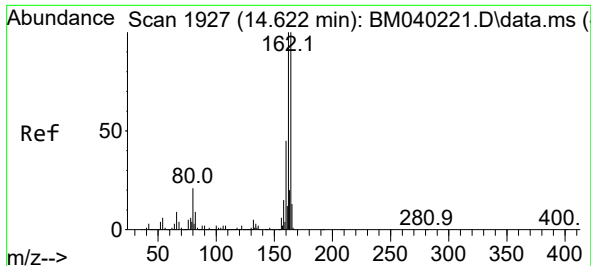
Lab File: BM040233.D

Acq: 13 Jun 2023 20:04

Tgt Ion: 122 Resp: 458

Ion	Ratio	Lower	Upper
122	100		
105	172.8	100.4	140.4#
77	408.1	75.0	115.0#

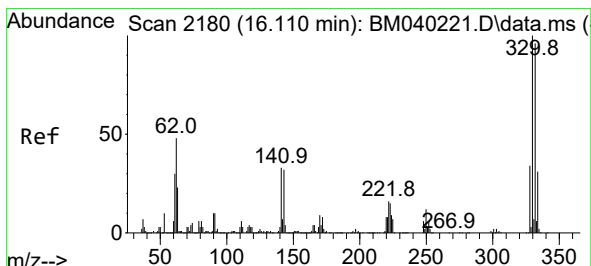
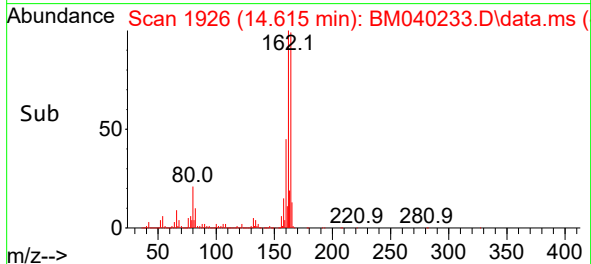
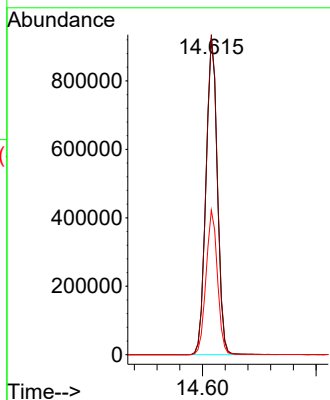
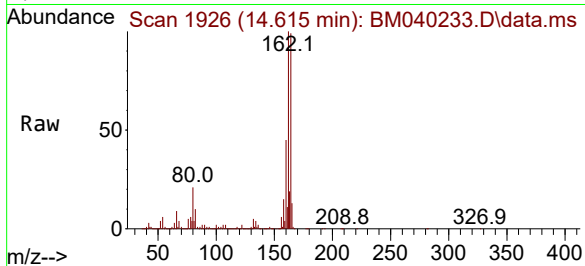




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

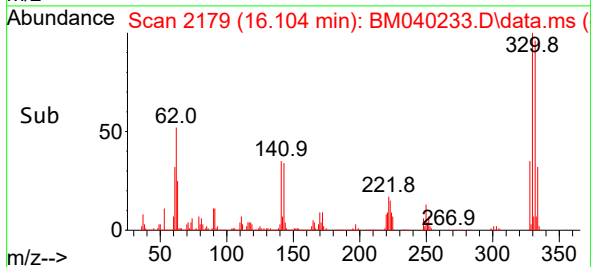
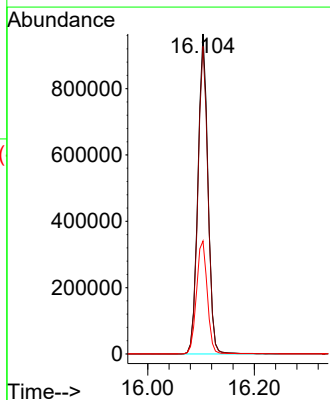
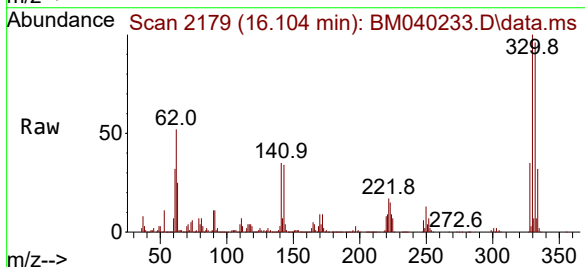
Instrument :
BNA_M
ClientSampleId :
B-45(OW)RE

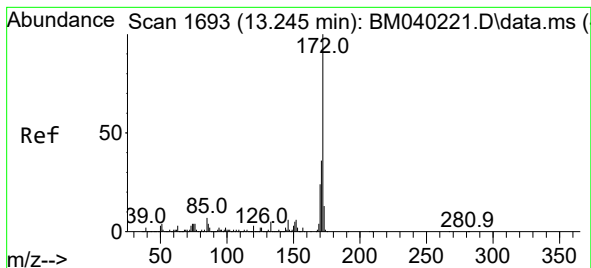
Tgt Ion:164 Resp: 1280937
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 70.697 ng
RT: 16.104 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

Tgt Ion:330 Resp: 1263301
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 37.9 30.0 45.0





#45

2-Fluorobiphenyl

Concen: 88.432 ng

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040233.D

Acq: 13 Jun 2023 20:04

Instrument :

BNA_M

ClientSampleId :

B-45(OW)RE

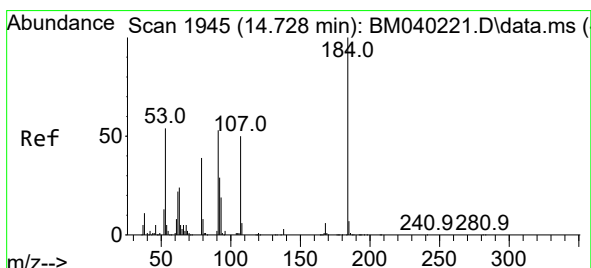
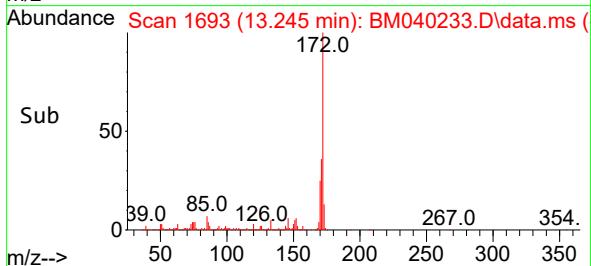
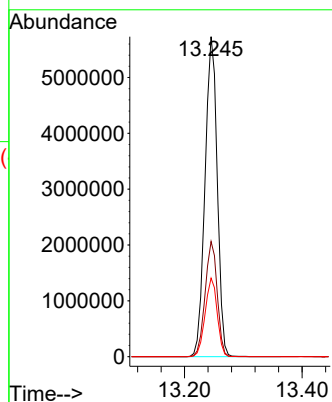
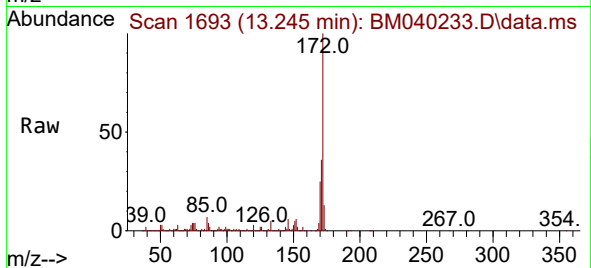
Tgt Ion:172 Resp: 8252570

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.6 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 5.562 ng

RT: 14.580 min Scan# 1920

Delta R.T. -0.148 min

Lab File: BM040233.D

Acq: 13 Jun 2023 20:04

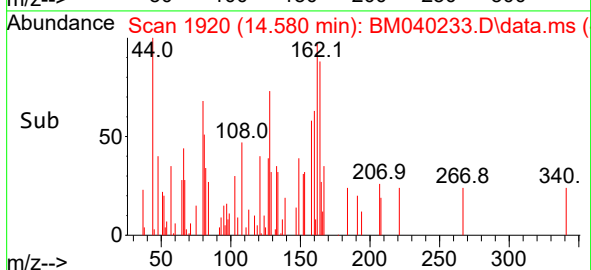
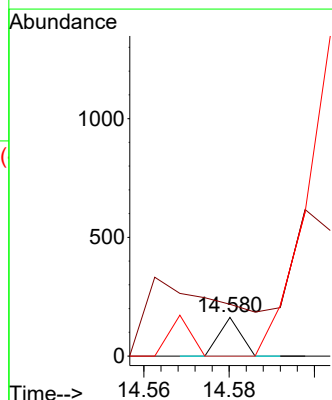
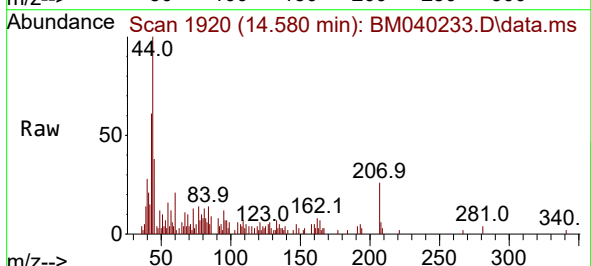
Tgt Ion:184 Resp: 57

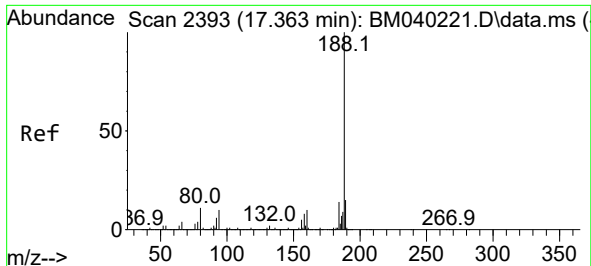
Ion Ratio Lower Upper

184 100

63 133.7 63.8 95.8#

154 0.0 52.6 79.0#

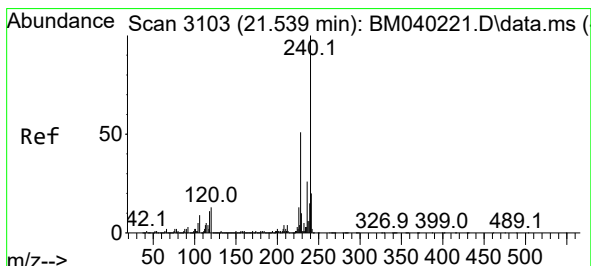
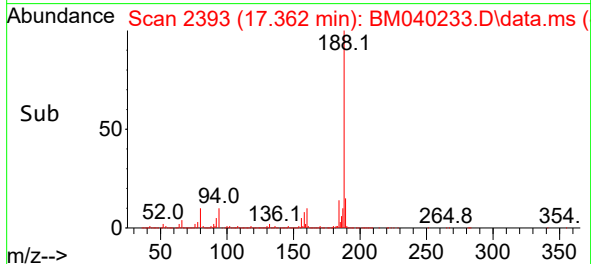
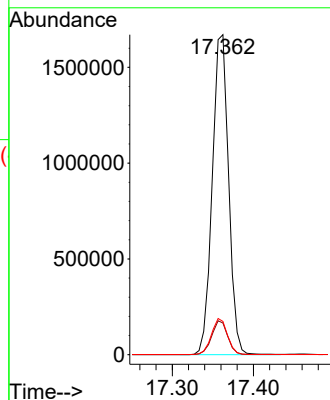
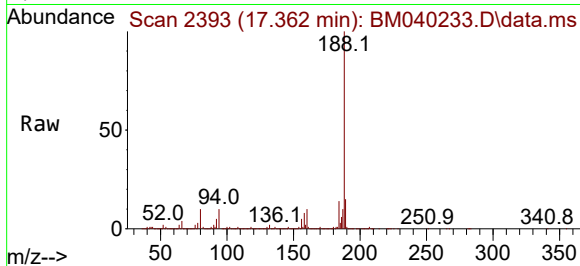




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

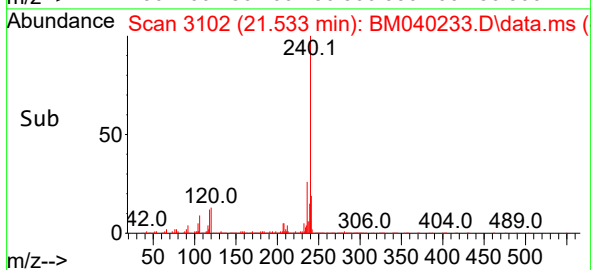
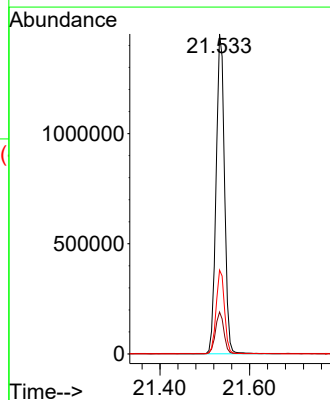
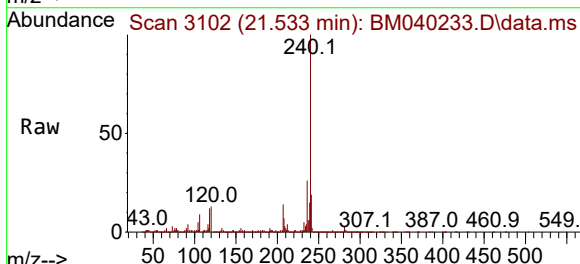
Instrument :
BNA_M
ClientSampleId :
B-45(OW)RE

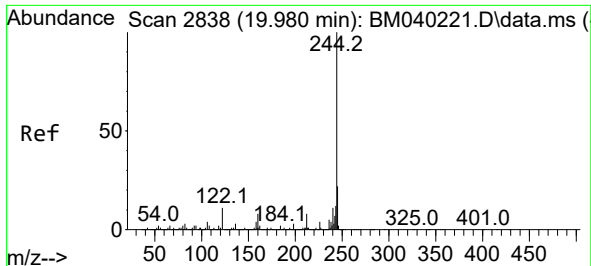
Tgt Ion:188 Resp: 2330351
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM040233.D
Acq: 13 Jun 2023 20:04

Tgt Ion:240 Resp: 1883327
Ion Ratio Lower Upper
240 100
120 13.1 10.1 15.1
236 26.2 21.0 31.4

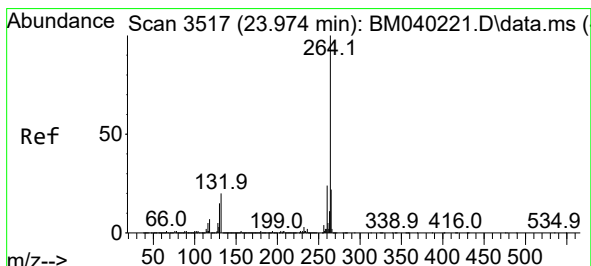
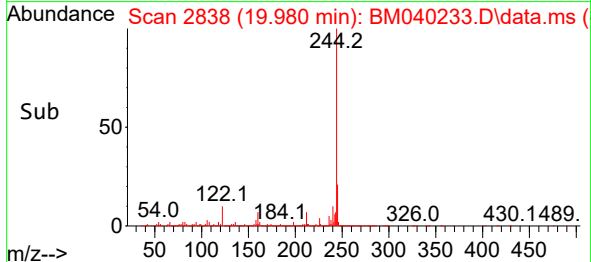
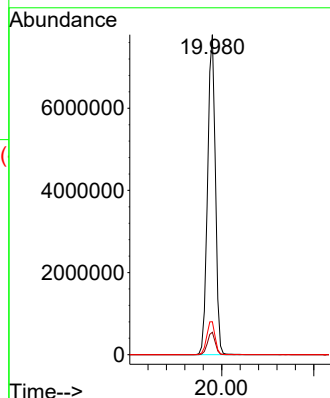
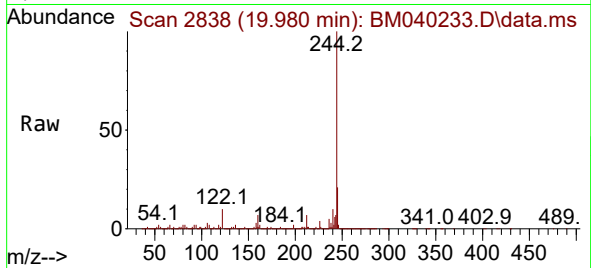




#79
 Terphenyl-d14
 Concen: 95.251 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040233.D
 Acq: 13 Jun 2023 20:04

Instrument :
 BNA_M
 ClientSampleId :
 B-45(OW)RE

Tgt Ion:244 Resp: 9232134
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.968 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM040233.D
 Acq: 13 Jun 2023 20:04

Tgt Ion:264 Resp: 2141493
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.3 17.5 26.3

