

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040232.D
 Acq On : 13 Jun 2023 19:27
 Operator : MA/JU
 Sample : 03047-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-07

Quant Time: Jun 13 22:56:05 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)

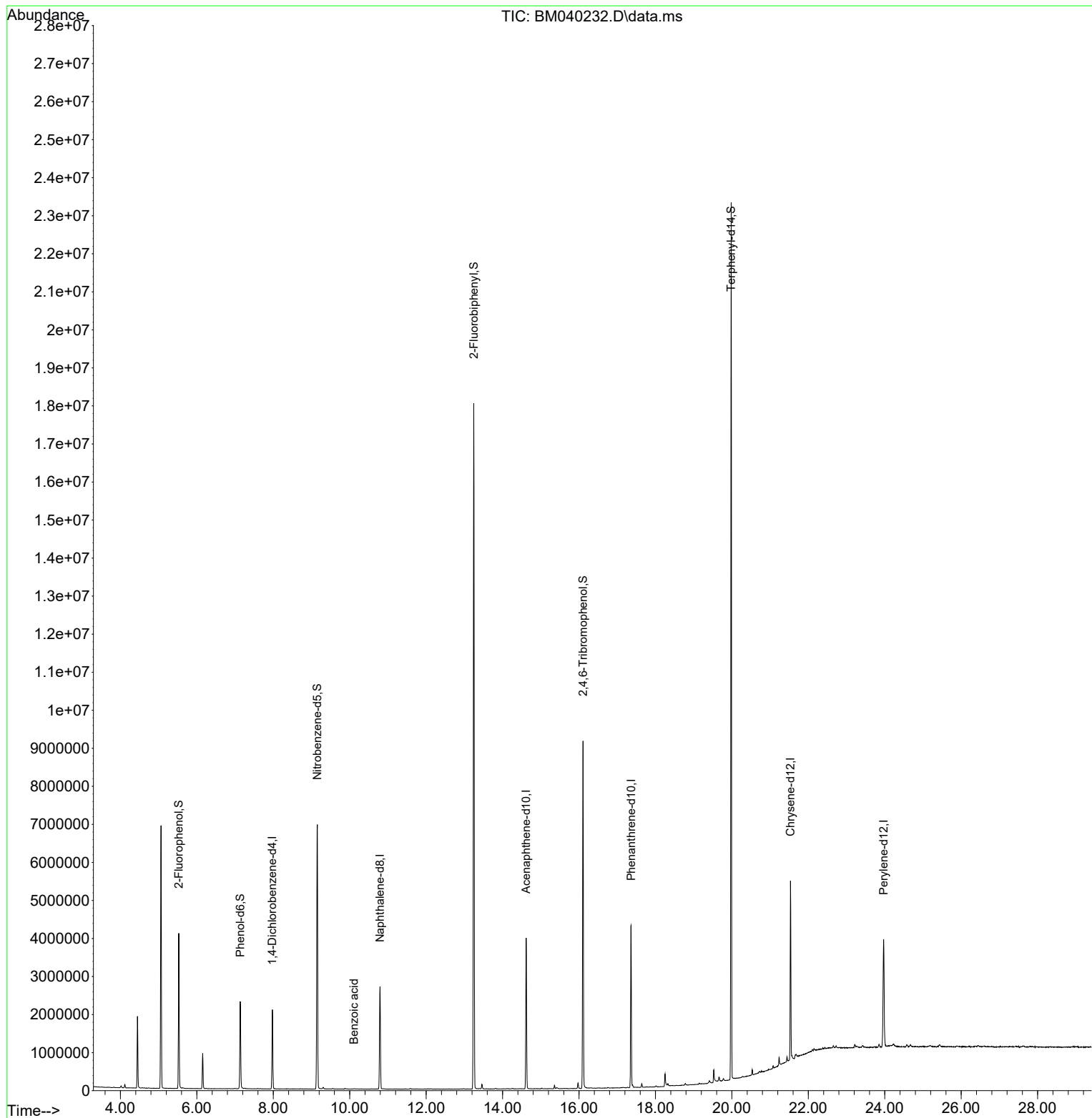
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	519443	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	2155621	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	1245994	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2494320	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1928042	20.000	ng	0.00
86) Perylene-d12	23.968	264	1956795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1652642	49.329	ng	0.00
7) Phenol-d6	7.134	99	1304142	28.552	ng	0.00
23) Nitrobenzene-d5	9.151	82	3969713	96.430	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1493746	85.938	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	8775290	96.671	ng	0.00
79) Terphenyl-d14	19.980	244	10068623	101.472	ng	0.00
Target Compounds						
32) Benzoic acid	10.110	122	1250	5.913	ng	Qvalue # 51

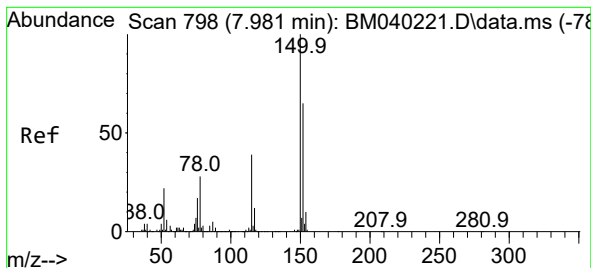
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BM040232.D

Acq: 13 Jun 2023 19:27

Instrument :

BNA_M

ClientSampleId :

TWP-07

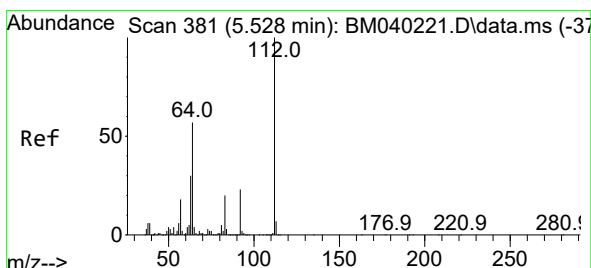
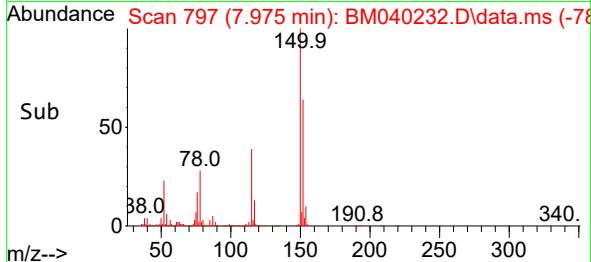
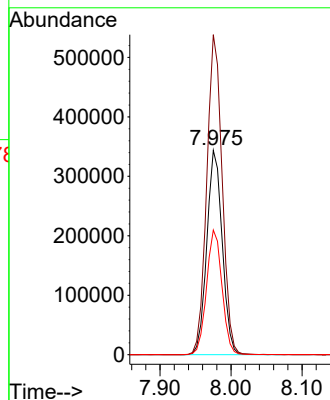
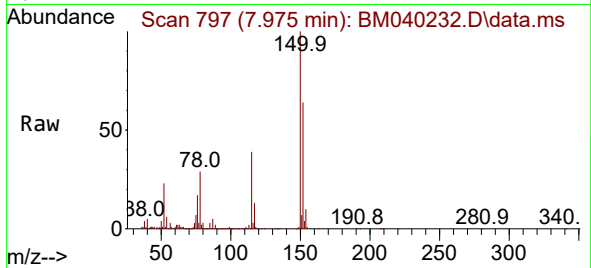
Tgt Ion:152 Resp: 519443

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

115 61.0 47.9 71.9



#5

2-Fluorophenol

Concen: 49.329 ng

RT: 5.528 min Scan# 381

Delta R.T. -0.000 min

Lab File: BM040232.D

Acq: 13 Jun 2023 19:27

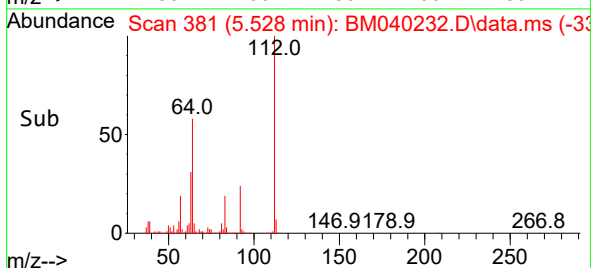
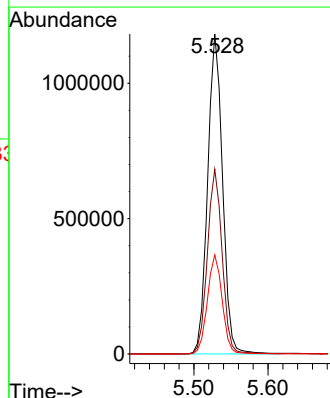
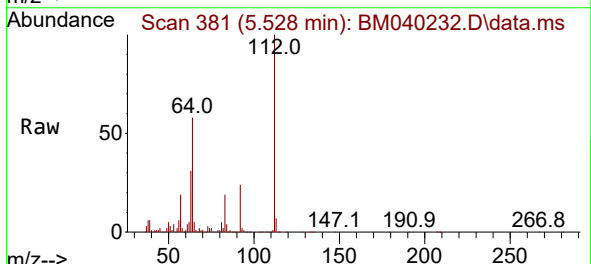
Tgt Ion:112 Resp: 1652642

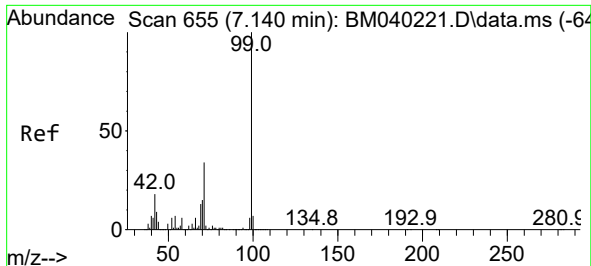
Ion Ratio Lower Upper

112 100

64 57.7 45.2 67.8

63 31.0 24.2 36.4



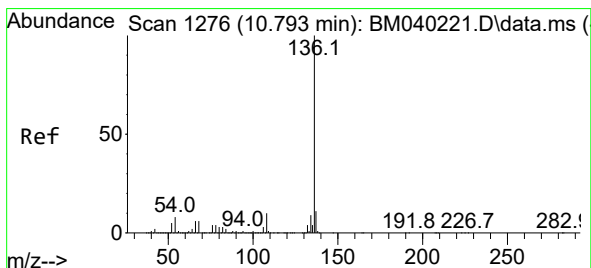
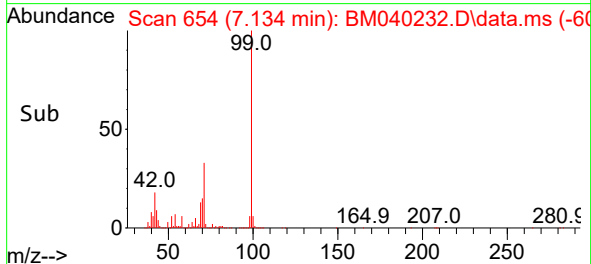
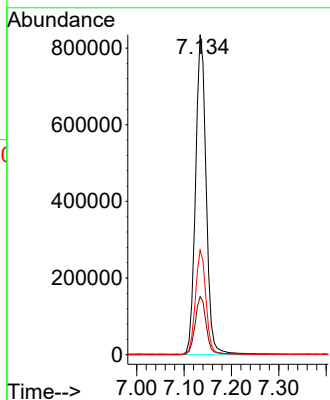
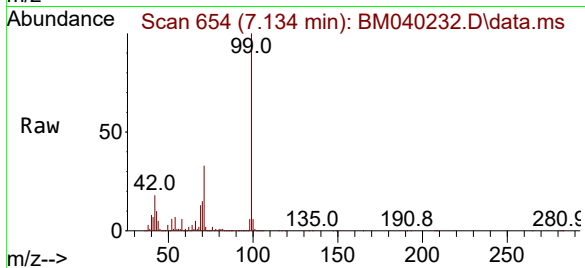


#7
Phenol-d6
Concen: 28.552 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

Instrument :
BNA_M
ClientSampleId :
TWP-07

Tgt Ion: 99 Resp: 1304142

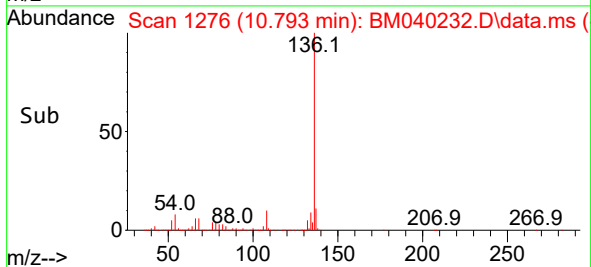
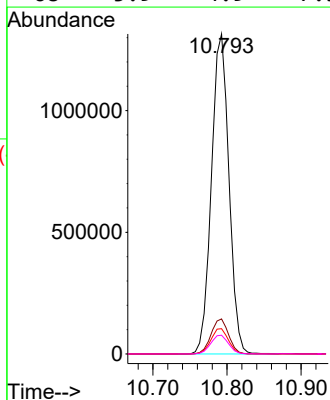
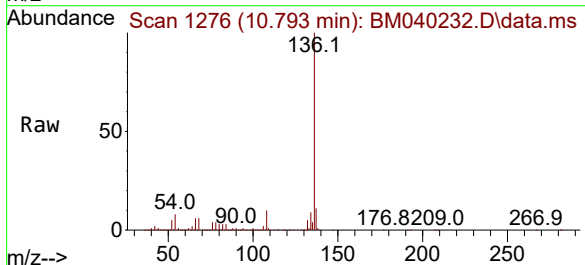
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.8	26.9	40.3

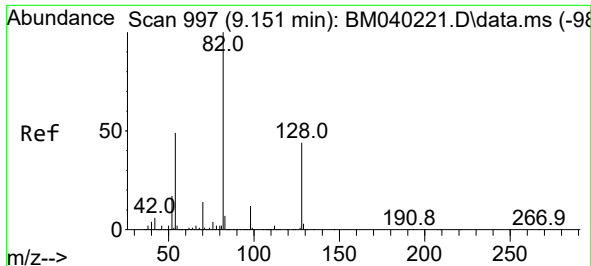


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

Tgt Ion: 136 Resp: 2155621

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.9	6.2	9.4
68	5.9	4.9	7.3

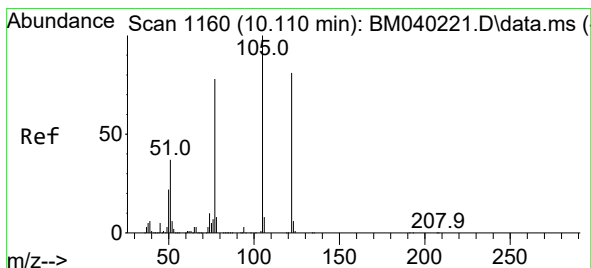
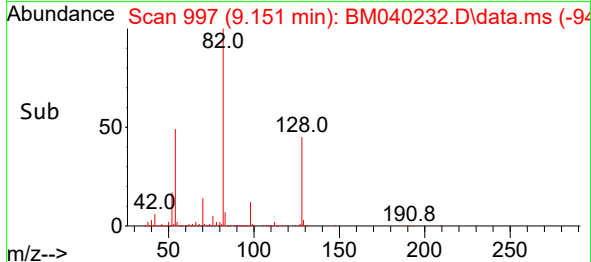
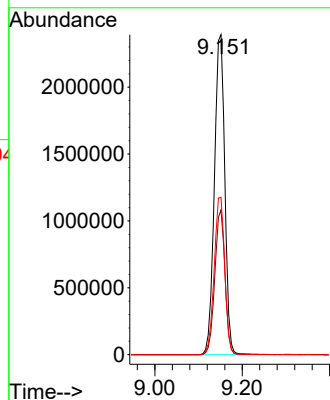
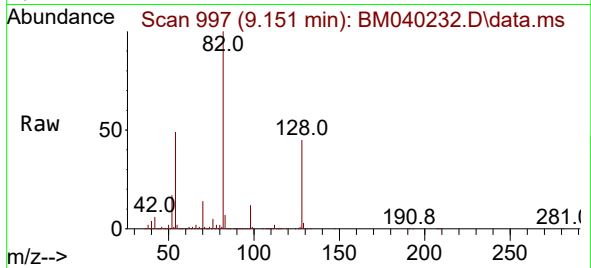




#23
Nitrobenzene-d5
Concen: 96.430 ng
RT: 9.151 min Scan# 997
Delta R.T. -0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

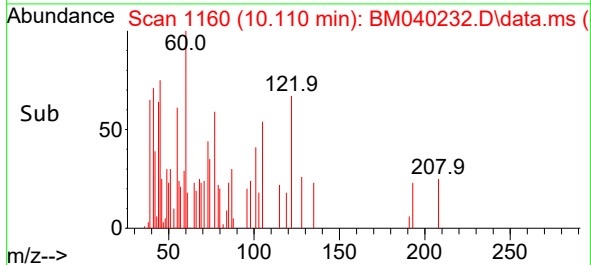
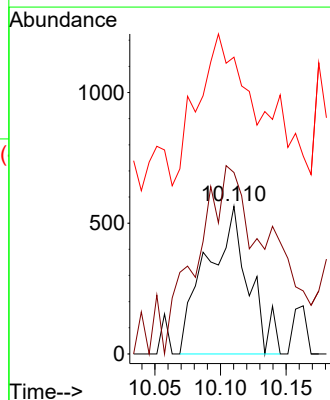
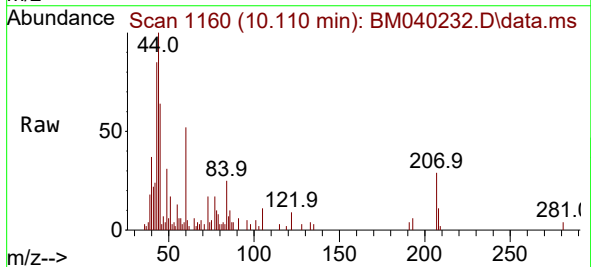
Instrument :
BNA_M
ClientSampleId :
TWP-07

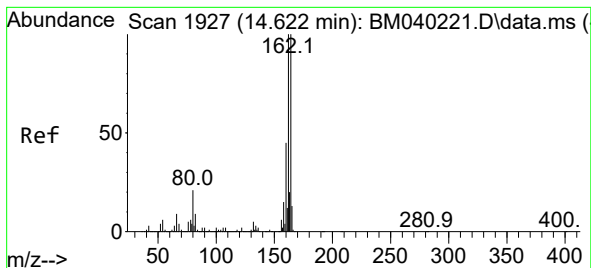
Tgt Ion: 82 Resp: 3969713
Ion Ratio Lower Upper
82 100
128 45.2 35.3 52.9
54 49.2 39.5 59.3



#32
Benzoic acid
Concen: 5.913 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

Tgt Ion:122 Resp: 1250
Ion Ratio Lower Upper
122 100
105 122.8 100.4 140.4
77 200.9 75.0 115.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BM040232.D

Acq: 13 Jun 2023 19:27

Instrument :

BNA_M

ClientSampleId :

TWP-07

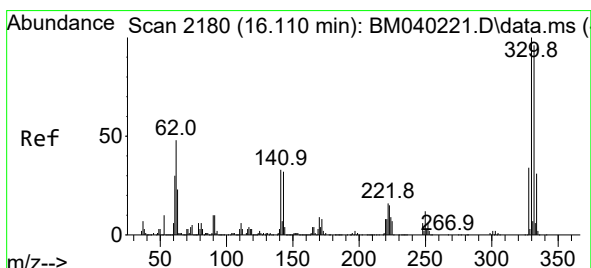
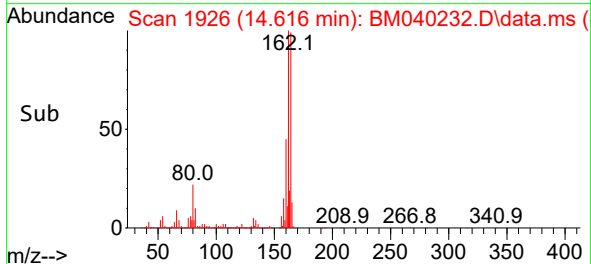
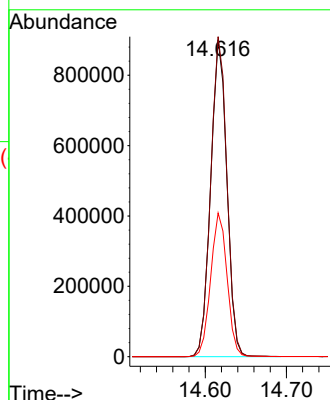
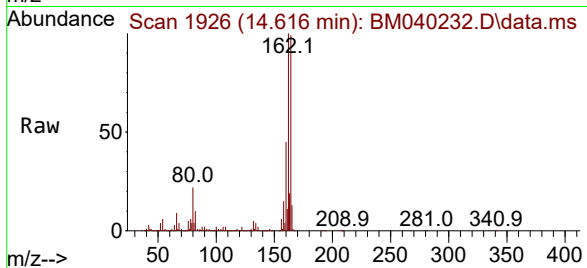
Tgt Ion:164 Resp: 1245994

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

160 45.3 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 85.938 ng

RT: 16.104 min Scan# 2179

Delta R.T. -0.006 min

Lab File: BM040232.D

Acq: 13 Jun 2023 19:27

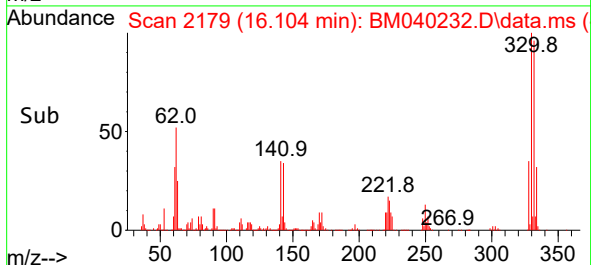
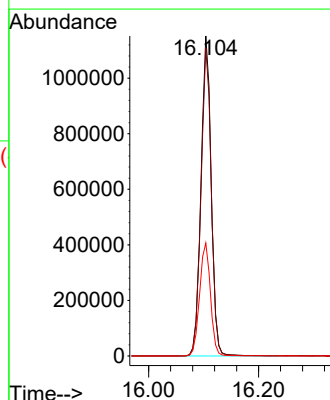
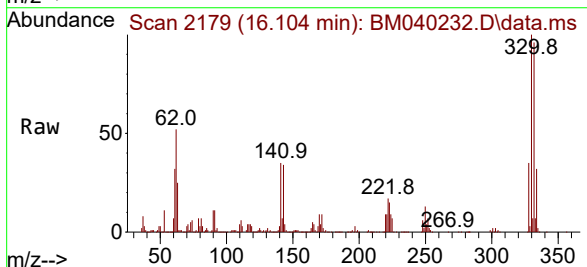
Tgt Ion:330 Resp: 1493746

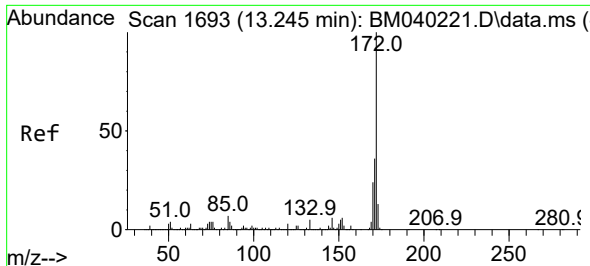
Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 37.4 30.0 45.0

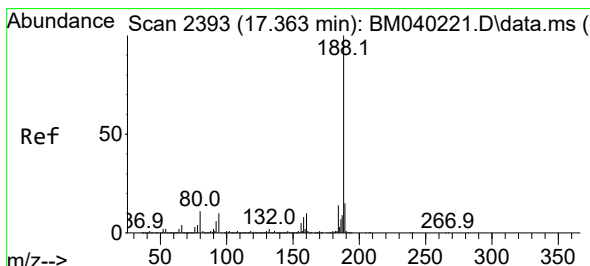
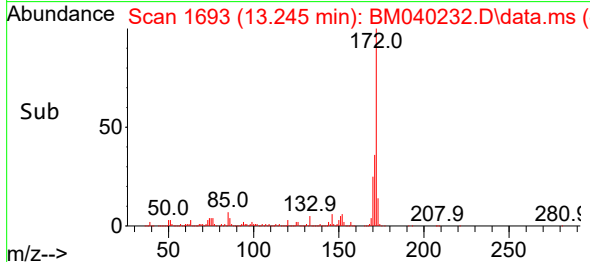
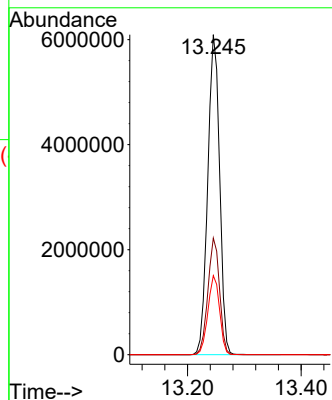
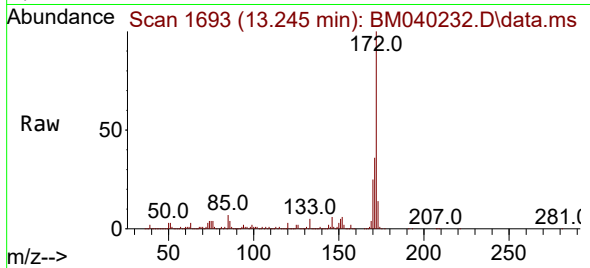




#45
2-Fluorobiphenyl
Concen: 96.671 ng
RT: 13.245 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

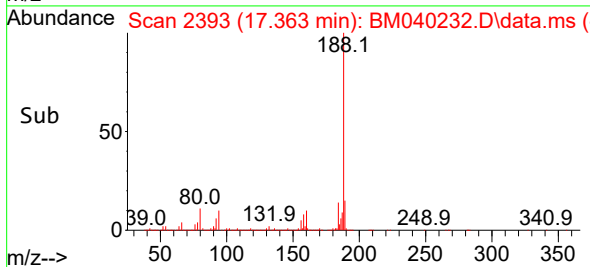
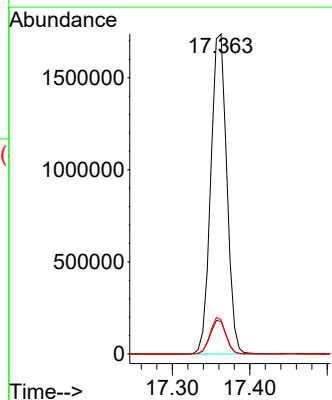
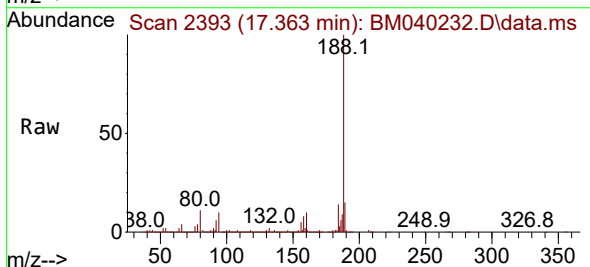
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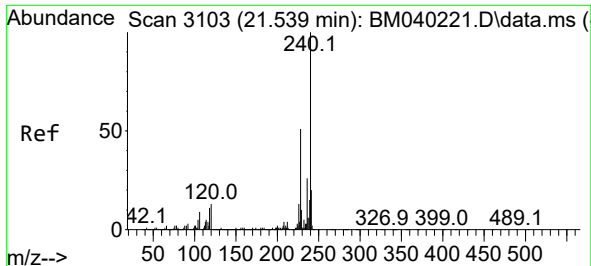
Tgt Ion:172 Resp: 8775290
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.7 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

Tgt Ion:188 Resp: 2494320
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.7 8.6 12.8

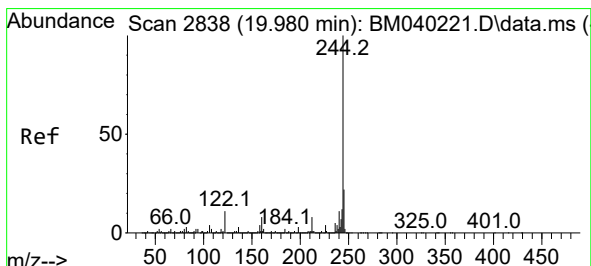
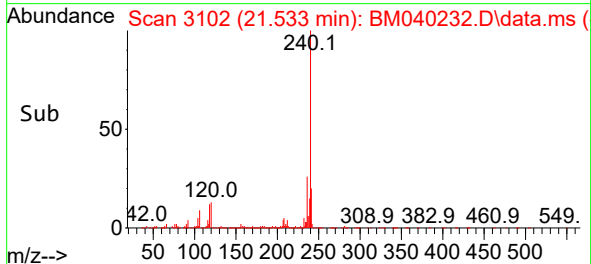
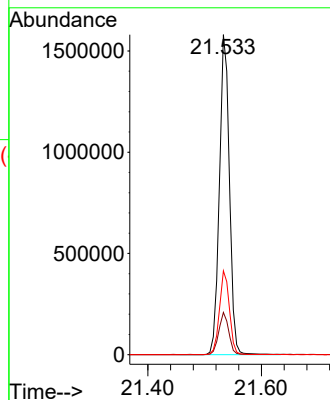
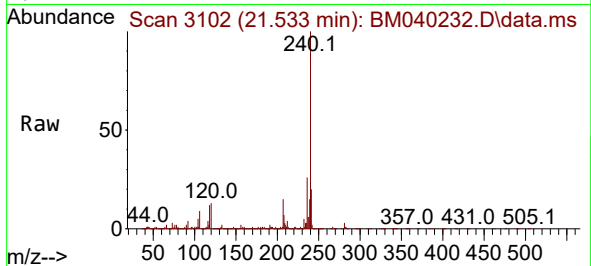




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

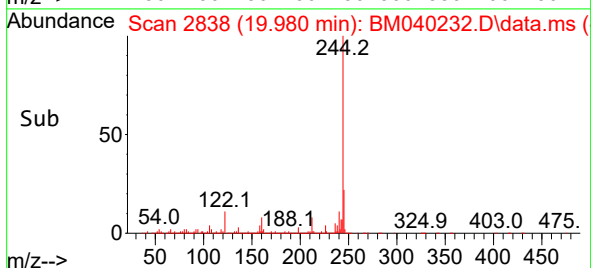
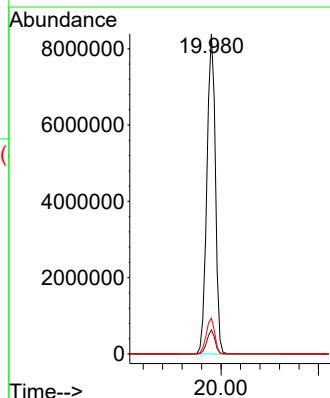
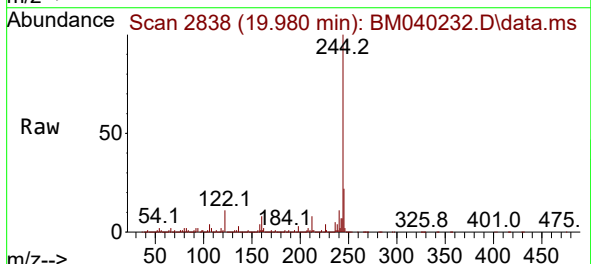
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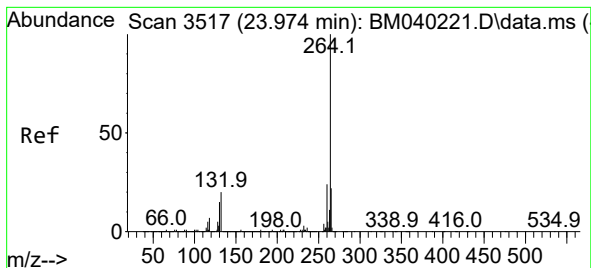
Tgt Ion:240 Resp: 1928042
Ion Ratio Lower Upper
240 100
120 13.2 10.1 15.1
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 101.472 ng
RT: 19.980 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BM040232.D
Acq: 13 Jun 2023 19:27

Tgt Ion:244 Resp:10068623
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.2 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM040232.D

Acq: 13 Jun 2023 19:27

Instrument :

BNA_M

ClientSampleId :

TWP-07

Tgt Ion:264 Resp: 1956795

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.2 17.5 26.3

