

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040192.D
 Acq On : 09 Jun 2023 15:29
 Operator : MA/JU
 Sample : 03039-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB31B

Quant Time: Jun 09 17:14:42 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	341201	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1476770	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	883949	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1927506	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1724479	20.000	ng	0.00
86) Perylene-d12	23.980	264	1964209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1907851	83.491	ng	0.00
7) Phenol-d6	7.145	99	2518341	80.766	ng	0.00
23) Nitrobenzene-d5	9.157	82	1326489	48.618	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1080990	81.280	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3391131	50.705	ng	0.00
79) Terphenyl-d14	19.986	244	6051531	64.689	ng	0.00

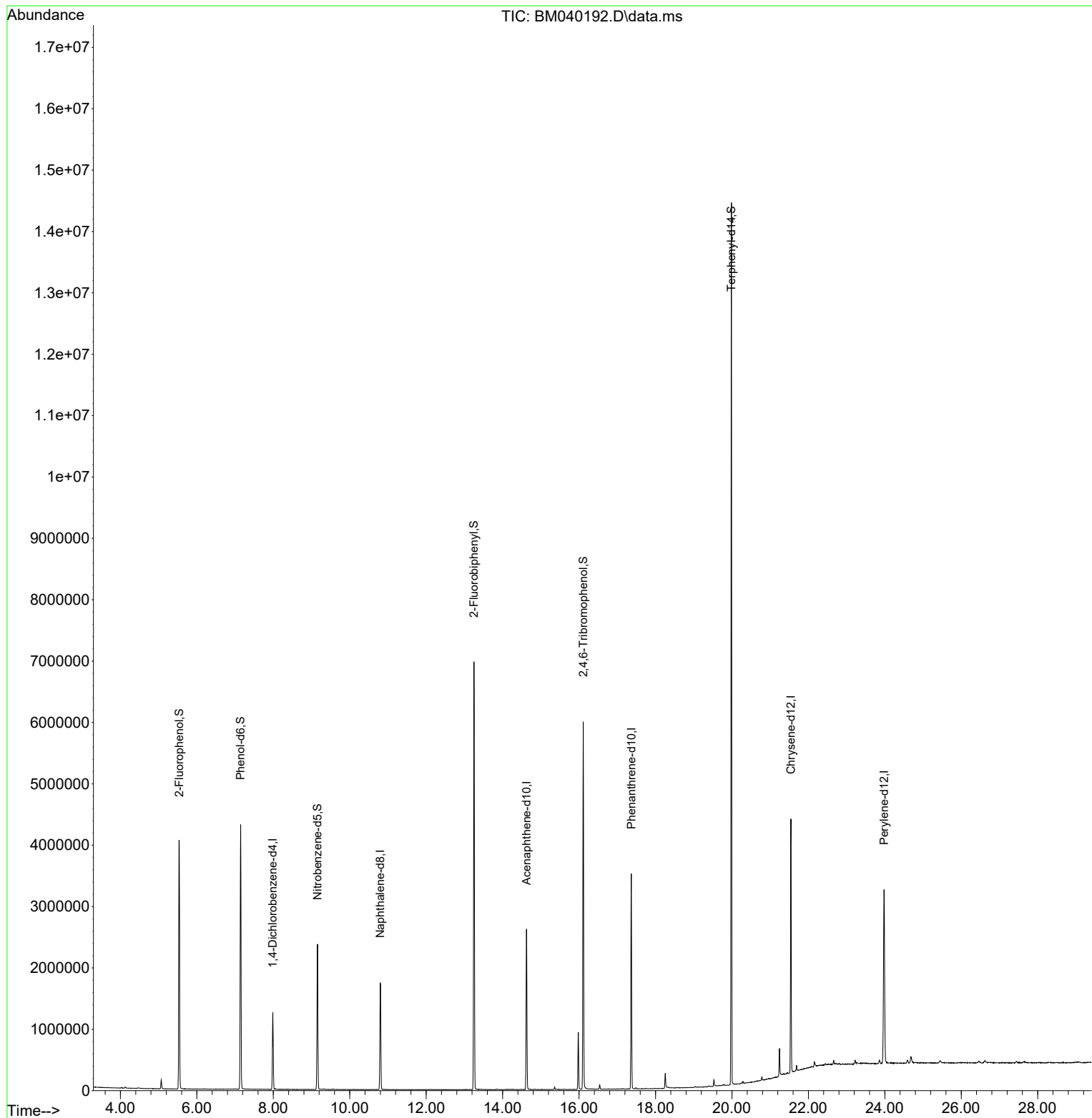
Target Compounds	Qvalue

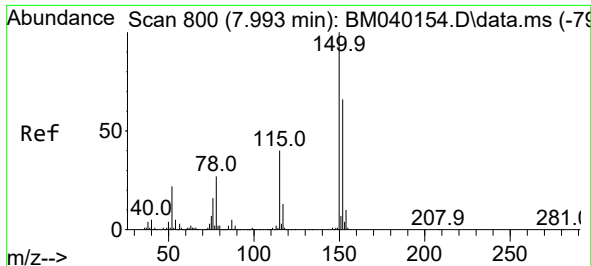
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM040192.D
Acq: 09 Jun 2023 15:29

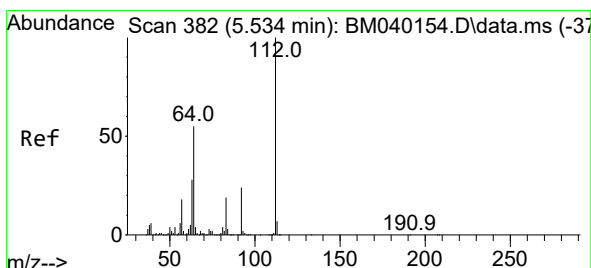
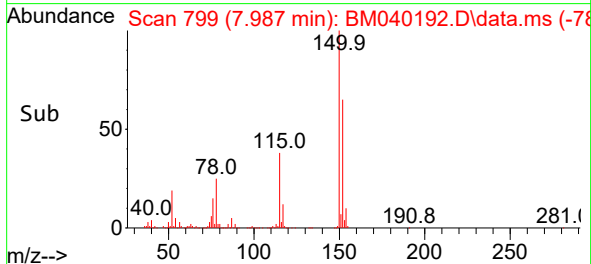
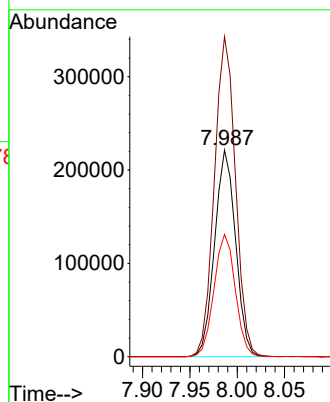
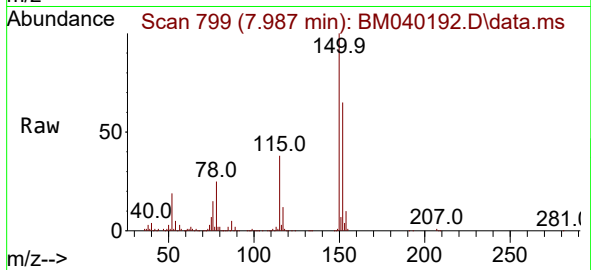
Instrument :

BNA_M

ClientSampleId :

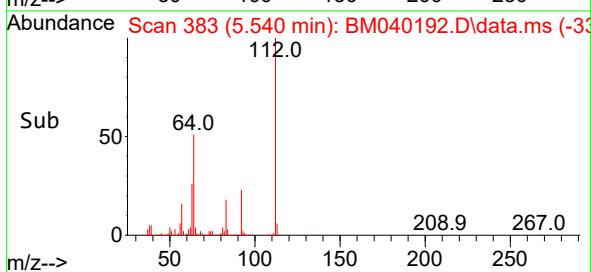
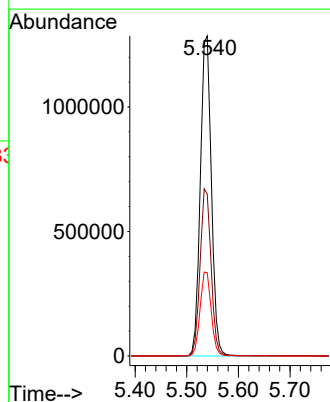
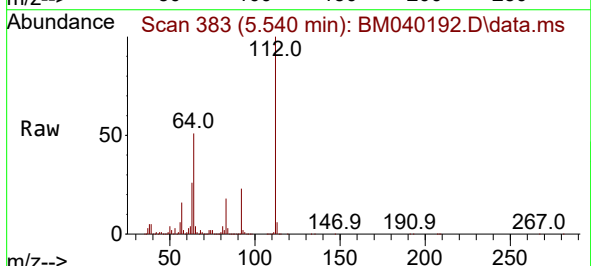
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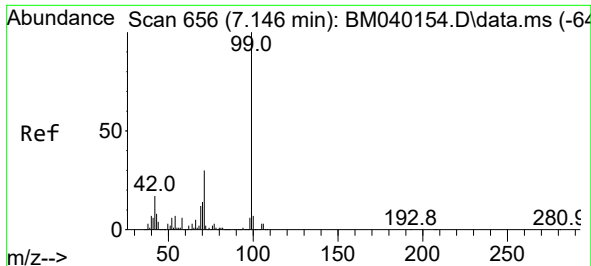
Tgt Ion:152 Resp: 341201
Ion Ratio Lower Upper
152 100
150 154.9 121.4 182.0
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 83.491 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040192.D
Acq: 09 Jun 2023 15:29

Tgt Ion:112 Resp: 1907851
Ion Ratio Lower Upper
112 100
64 50.6 43.8 65.6
63 26.1 22.8 34.2

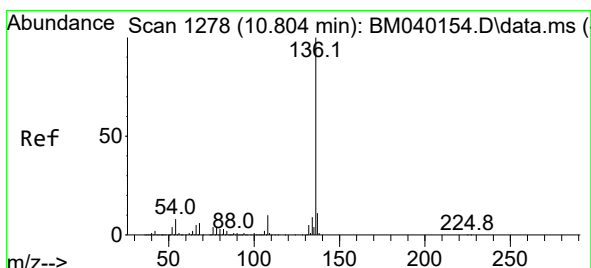
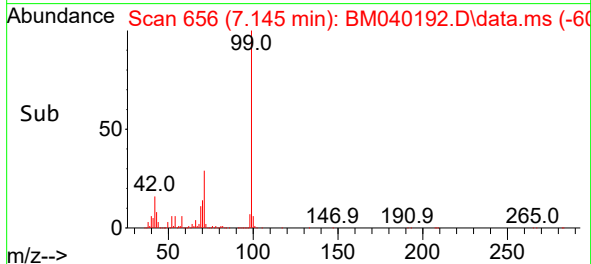
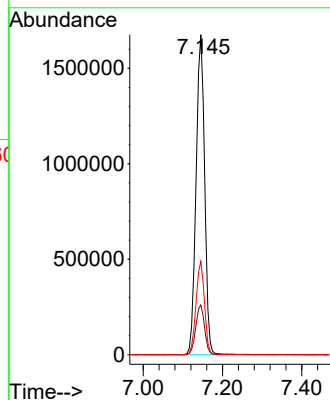
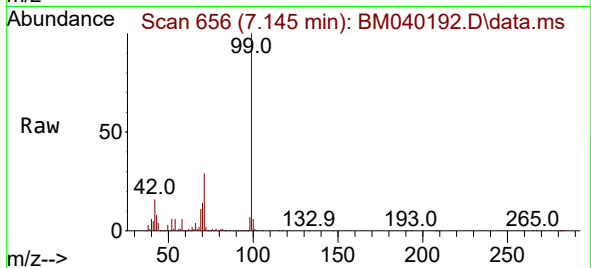




#7
Phenol-d6
Concen: 80.766 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040192.D
Acq: 09 Jun 2023 15:29

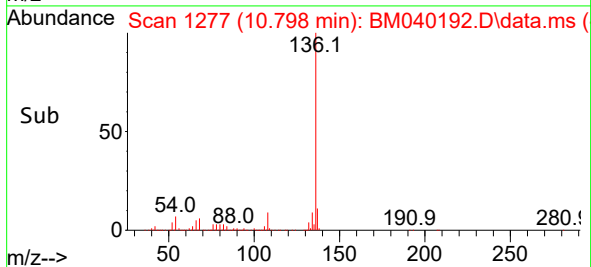
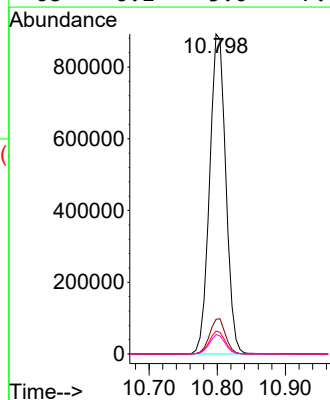
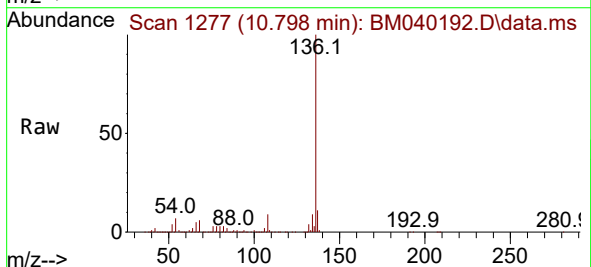
Instrument :
BNA_M
ClientSampleId :
SB31B

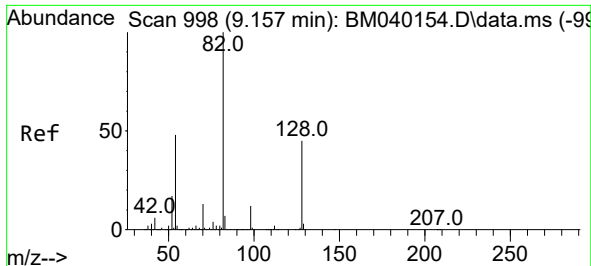
Tgt Ion: 99 Resp: 2518341
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 29.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040192.D
Acq: 09 Jun 2023 15:29

Tgt Ion: 136 Resp: 1476770
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 6.2 9.4
68 6.1 5.0 7.4

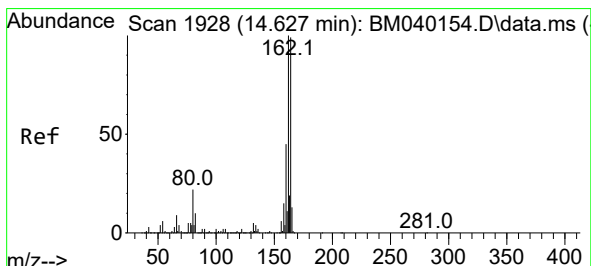
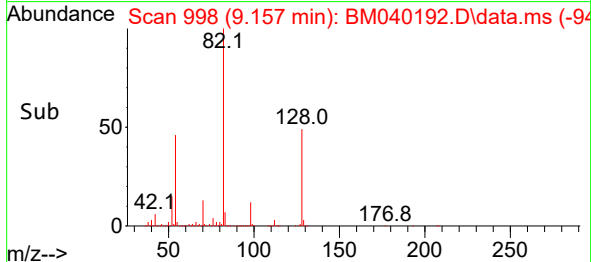
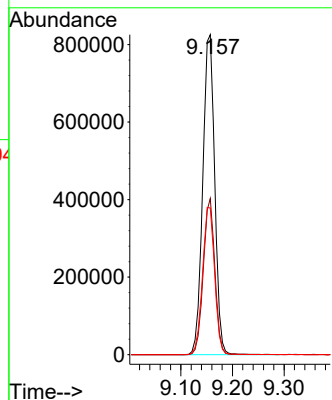
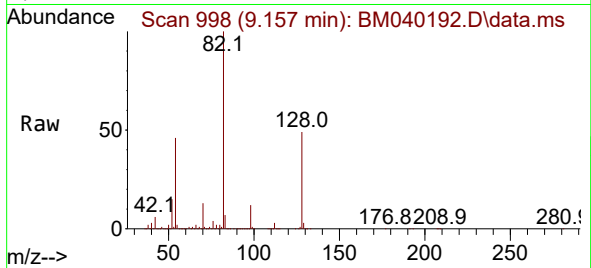




#23
Nitrobenzene-d5
Concen: 48.618 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040192.D
Acq: 09 Jun 2023 15:29

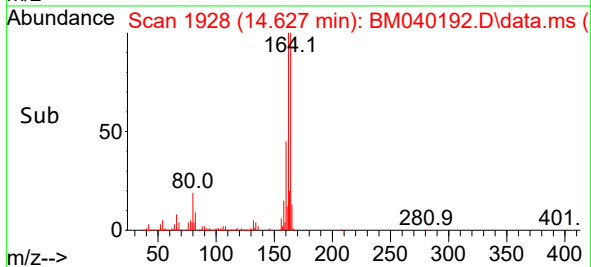
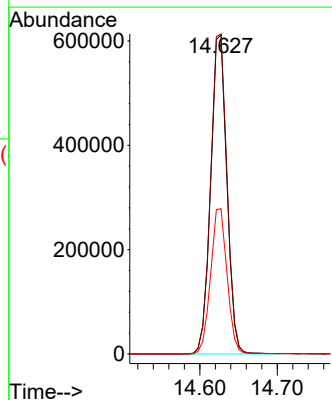
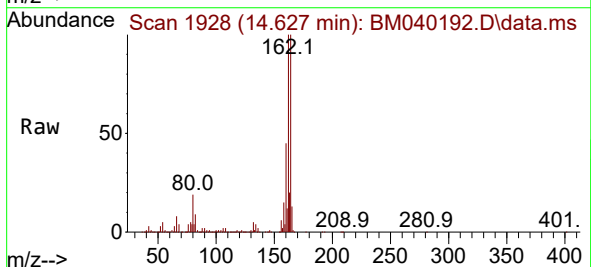
Instrument :
BNA_M
ClientSampleId :
SB31B

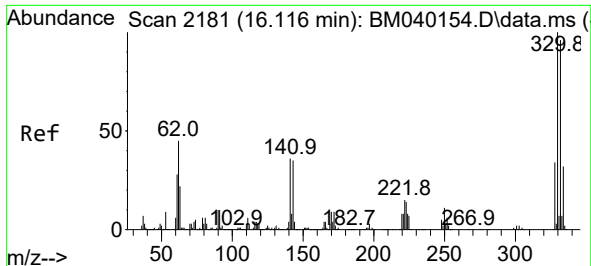
Tgt Ion: 82 Resp: 1326489
Ion Ratio Lower Upper
82 100
128 48.8 36.0 54.0
54 45.8 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040192.D
Acq: 09 Jun 2023 15:29

Tgt Ion:164 Resp: 883949
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 81.280 ng

RT: 16.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040192.D

Acq: 09 Jun 2023 15:29

Instrument :

BNA_M

ClientSampleId :

SB31B

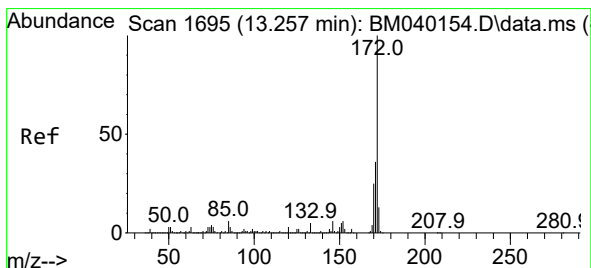
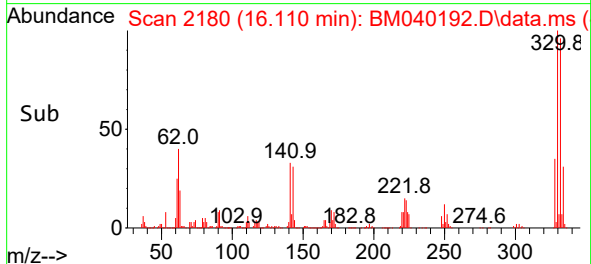
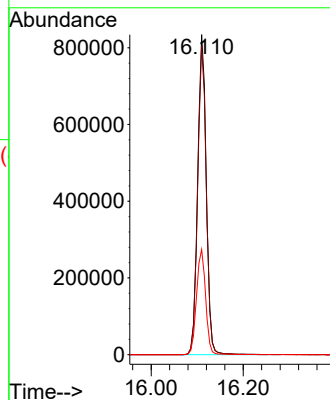
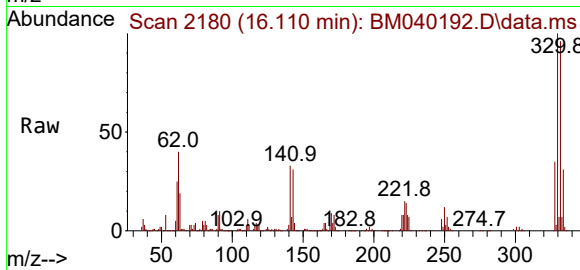
Tgt Ion:330 Resp: 1080990

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 34.8 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 50.705 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040192.D

Acq: 09 Jun 2023 15:29

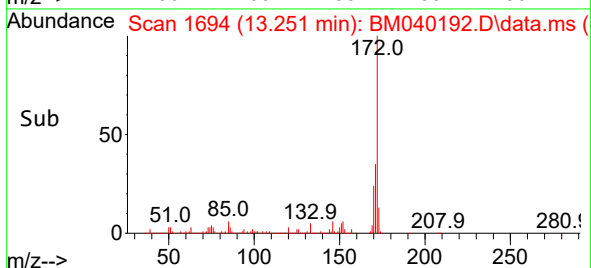
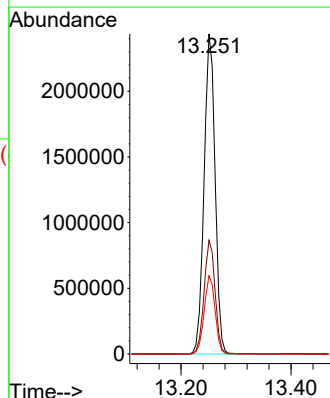
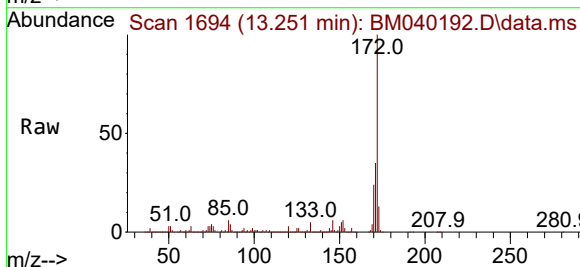
Tgt Ion:172 Resp: 3391131

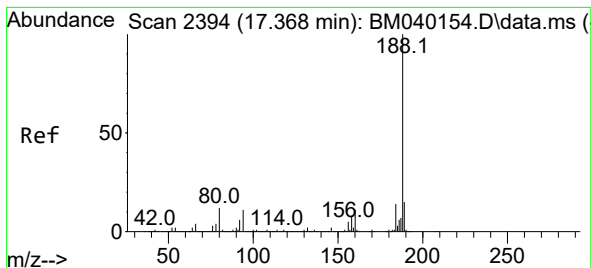
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.4 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040192.D

Acq: 09 Jun 2023 15:29

Instrument :

BNA_M

ClientSampleId :

SB31B

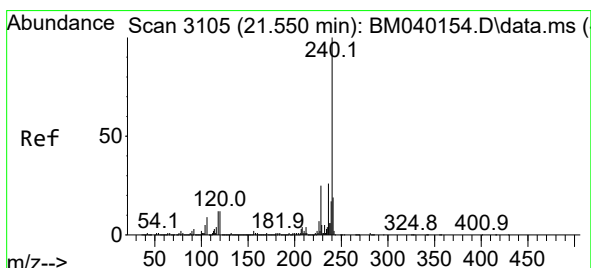
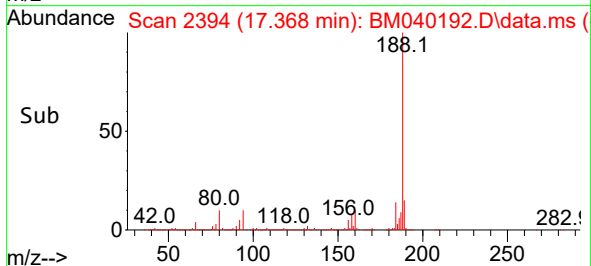
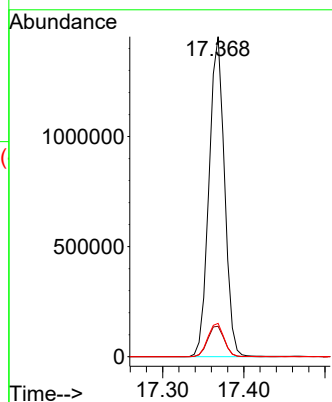
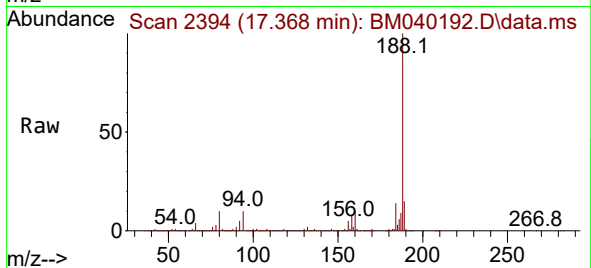
Tgt Ion:188 Resp: 1927506

Ion Ratio Lower Upper

188 100

94 9.5 8.9 13.3

80 10.4 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040192.D

Acq: 09 Jun 2023 15:29

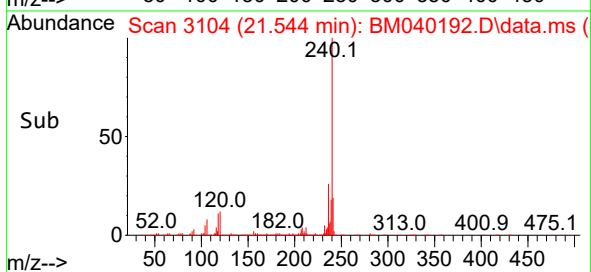
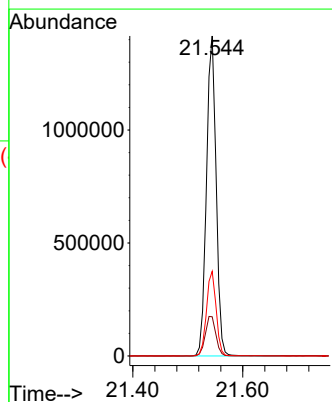
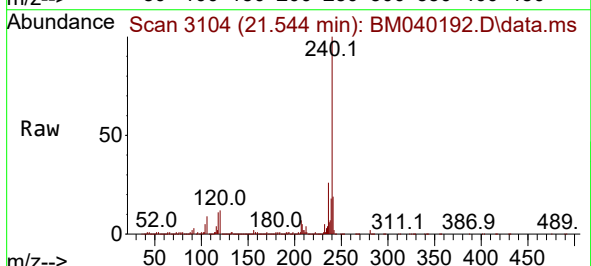
Tgt Ion:240 Resp: 1724479

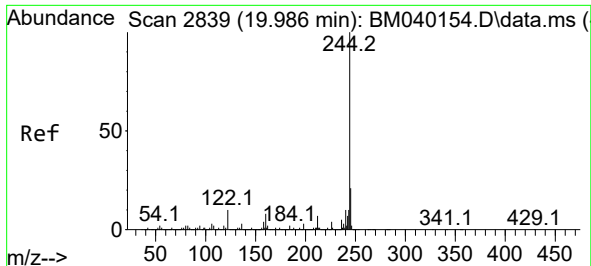
Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 26.5 21.1 31.7

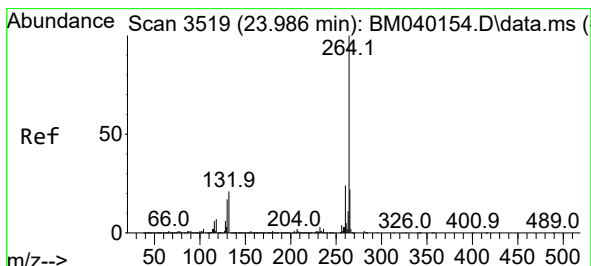
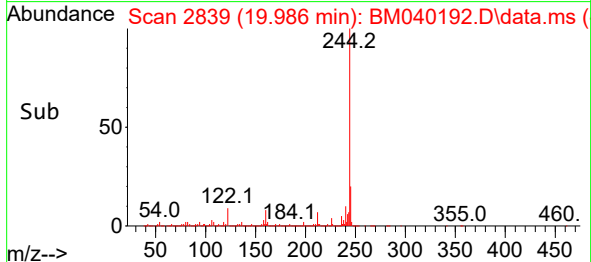
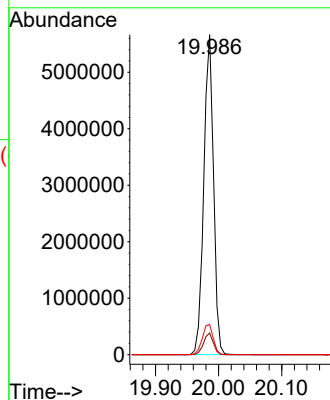
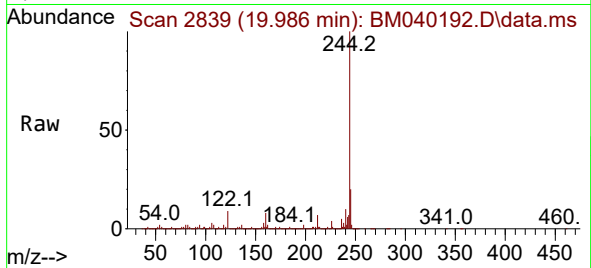




#79
 Terphenyl-d14
 Concen: 64.689 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040192.D
 Acq: 09 Jun 2023 15:29

Instrument :
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Tgt Ion:244 Resp: 6051531
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.980 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM040192.D
 Acq: 09 Jun 2023 15:29

Tgt Ion:264 Resp: 1964209
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 17.7 26.5

