

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040188.D
 Acq On : 09 Jun 2023 13:02
 Operator : MA/JU
 Sample : PB153264BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153264BL

Quant Time: Jun 09 14:10:41 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	7.986	152	414961	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1724122	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1031111	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2180412	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1751457	20.000	ng	0.00
86) Perylene-d12	23.980	264	1712632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2494768	89.769	ng	0.00
7) Phenol-d6	7.145	99	3051949	80.481	ng	0.00
23) Nitrobenzene-d5	9.157	82	2488582	78.125	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1262870	81.404	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	6598029	84.576	ng	0.00
79) Terphenyl-d14	19.986	244	10984903	115.616	ng	0.00

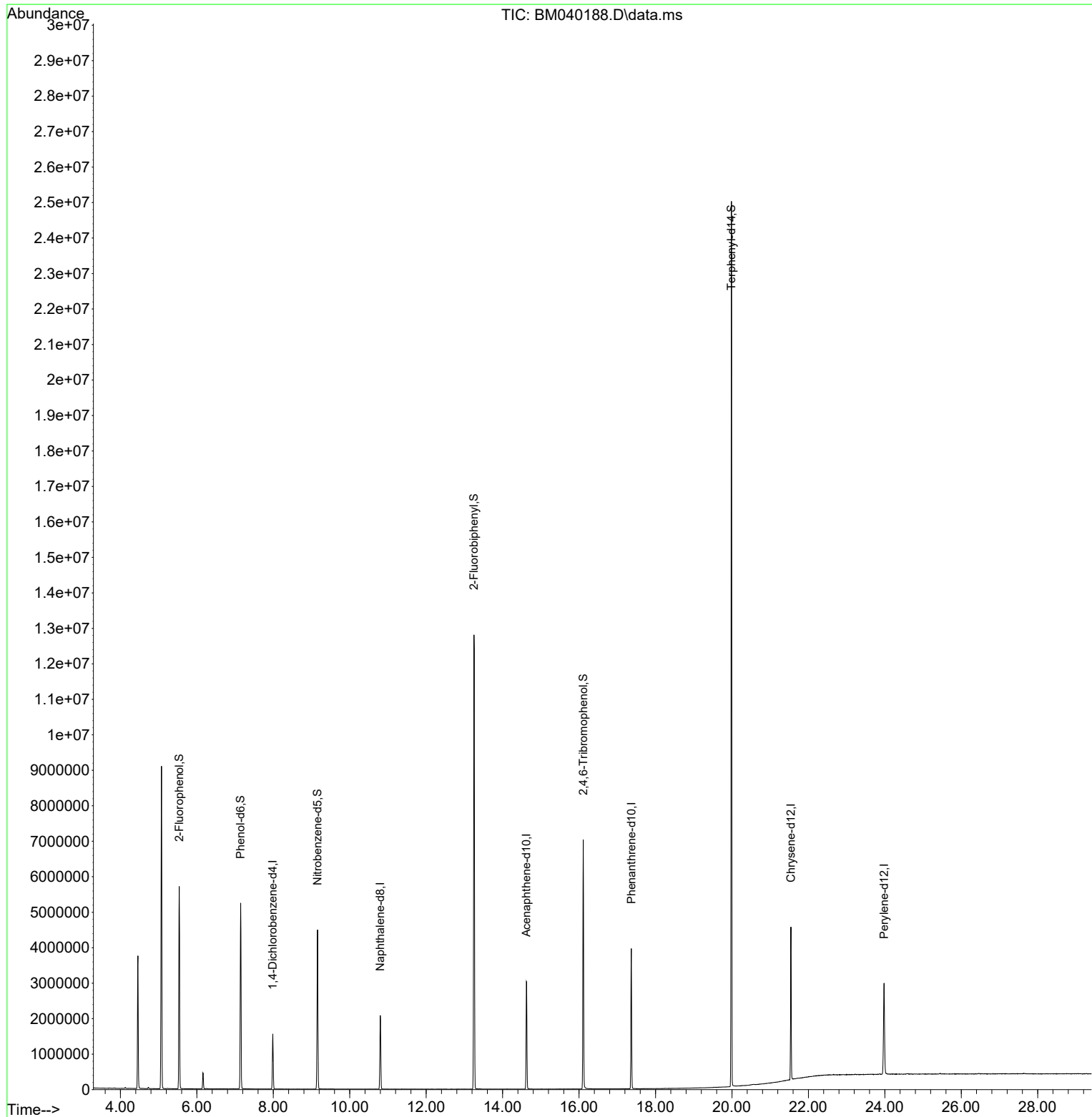
Target Compounds	Qvalue

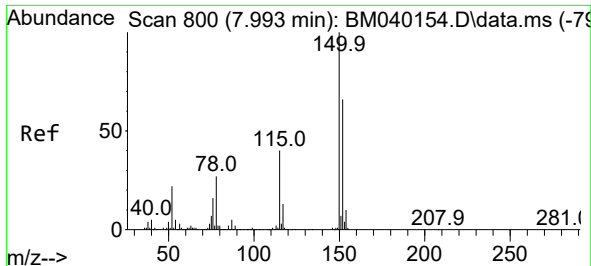
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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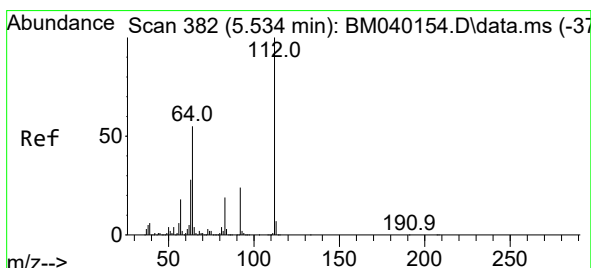
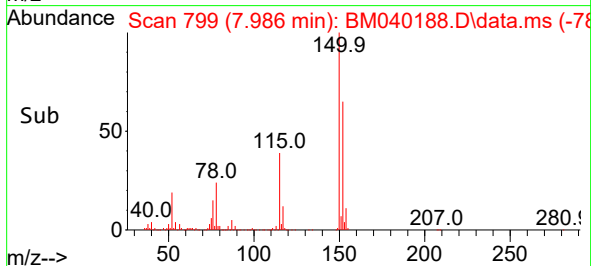
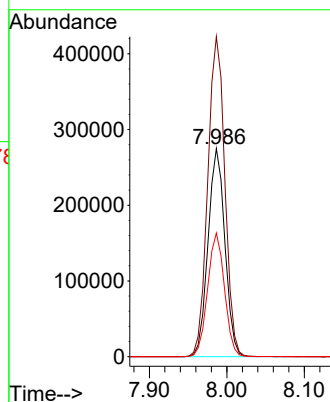
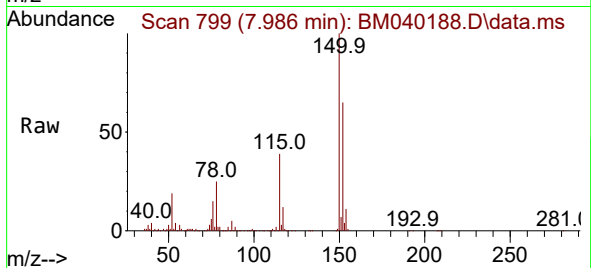




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BM040188.D
 Acq: 09 Jun 2023 13:02

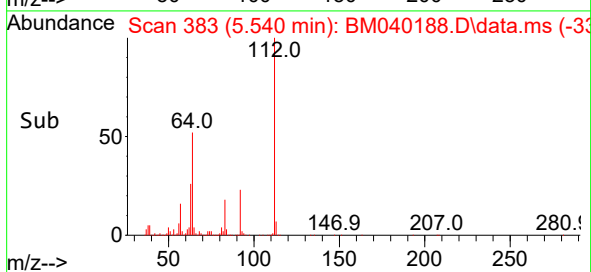
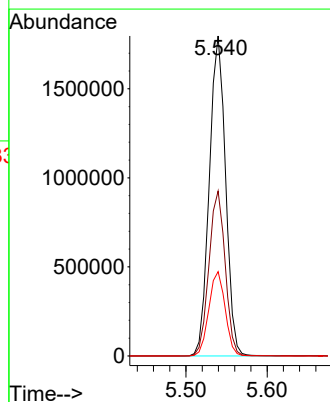
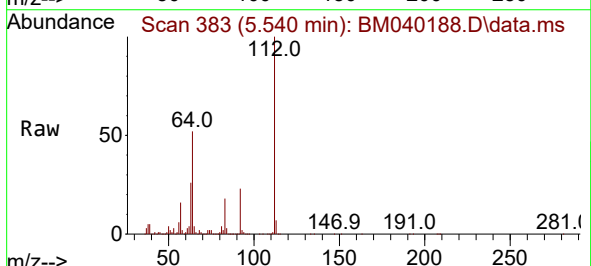
Instrument :
 BNA_M
 ClientSampleId :
 PB153264BL

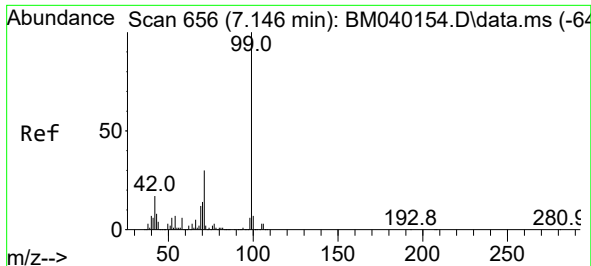
Tgt Ion:152 Resp: 414961
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.4 182.0
 115 59.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 89.769 ng
 RT: 5.540 min Scan# 383
 Delta R.T. 0.006 min
 Lab File: BM040188.D
 Acq: 09 Jun 2023 13:02

Tgt Ion:112 Resp: 2494768
 Ion Ratio Lower Upper
 112 100
 64 51.6 43.8 65.6
 63 26.3 22.8 34.2



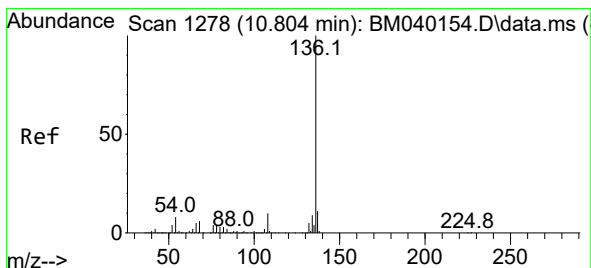
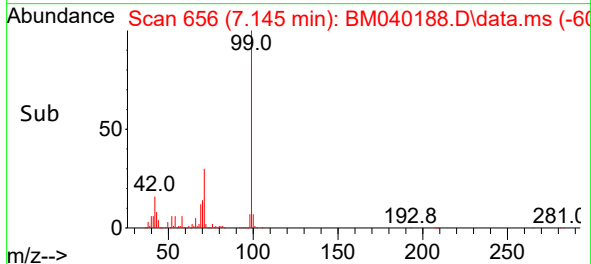
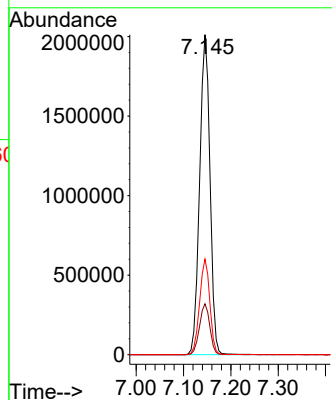
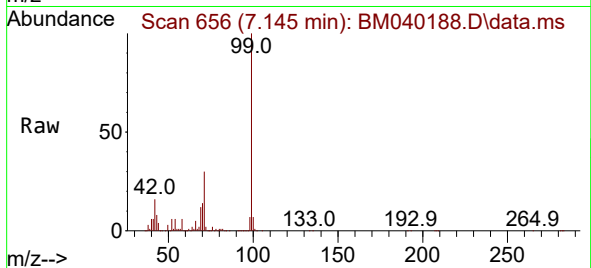


#7
Phenol-d6
Concen: 80.481 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

Instrument :
BNA_M
ClientSampleId :
PB153264BL

Tgt Ion: 99 Resp: 3051949

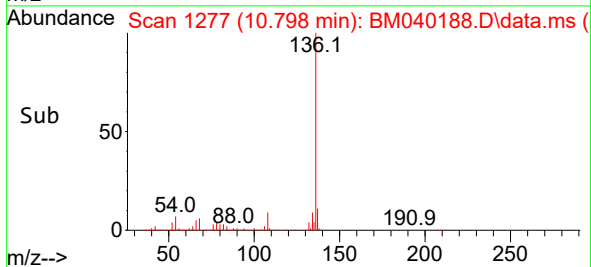
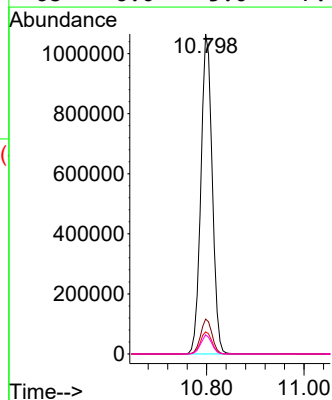
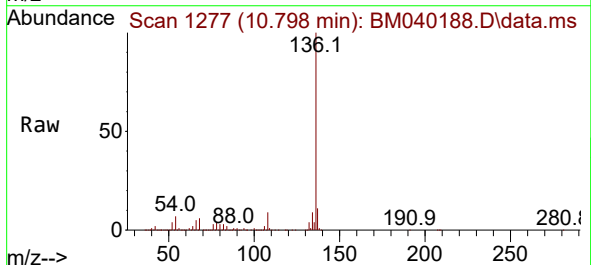
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	29.8	24.3	36.5

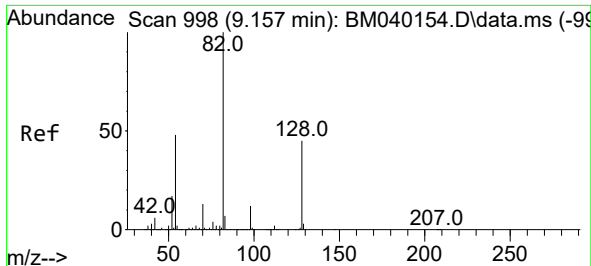


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

Tgt Ion: 136 Resp: 1724122

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	6.2	9.4
68	6.0	5.0	7.4

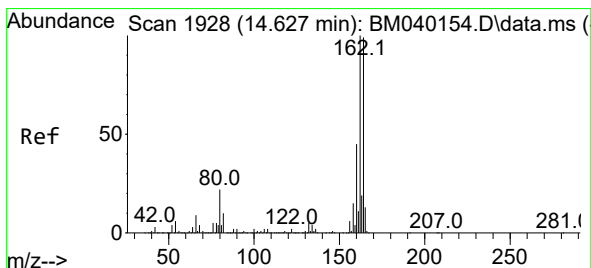
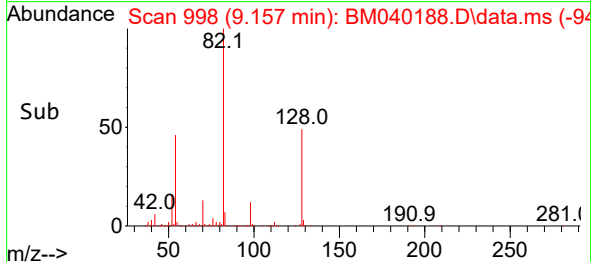
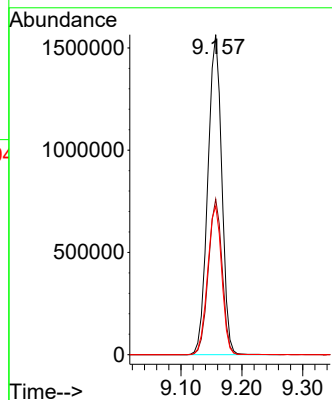
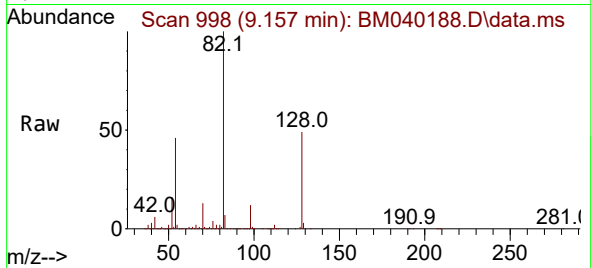




#23
Nitrobenzene-d5
Concen: 78.125 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

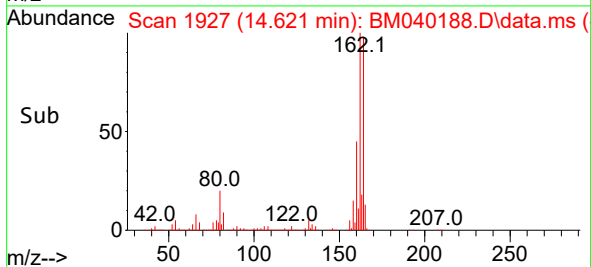
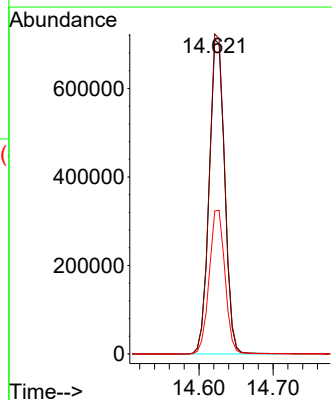
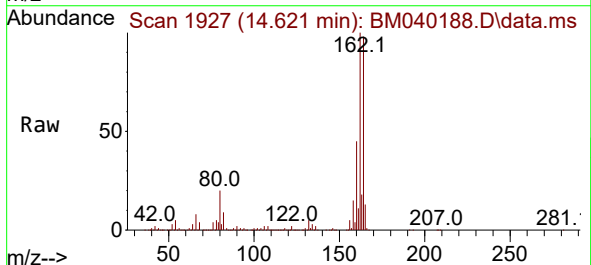
Instrument :
BNA_M
ClientSampleId :
PB153264BL

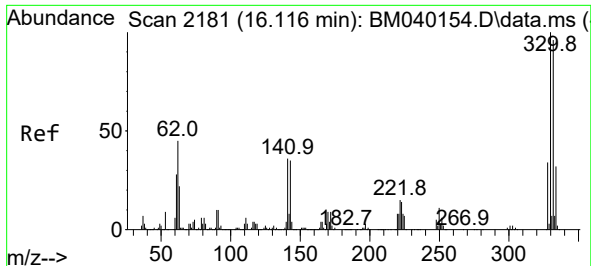
Tgt Ion: 82 Resp: 2488582
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 46.4 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

Tgt Ion: 164 Resp: 1031111
Ion Ratio Lower Upper
164 100
162 101.9 80.4 120.6
160 45.5 35.9 53.9

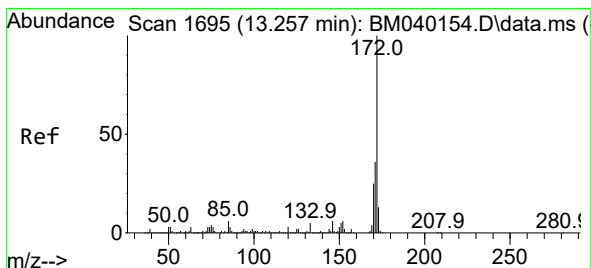
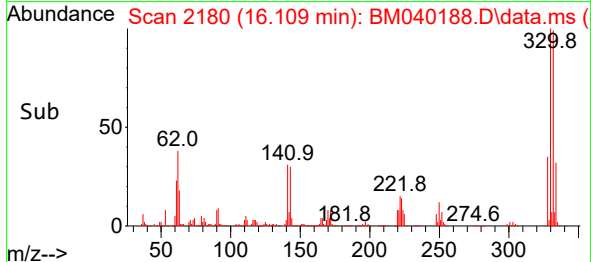
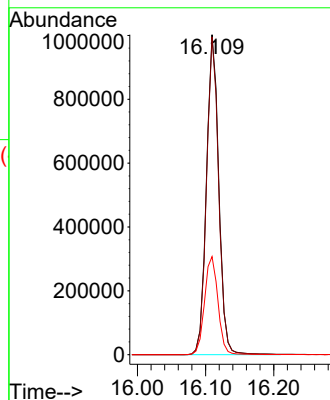
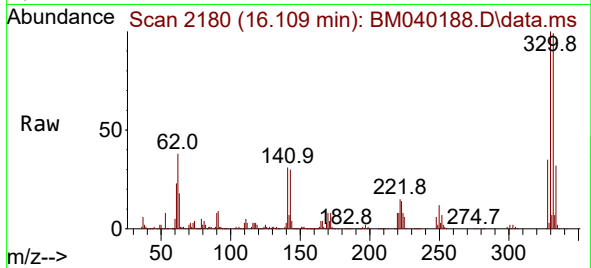




#42
2,4,6-Tribromophenol
Concen: 81.404 ng
RT: 16.109 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

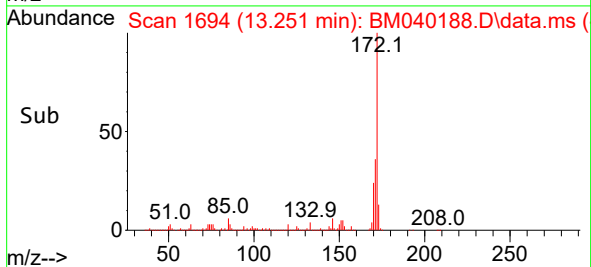
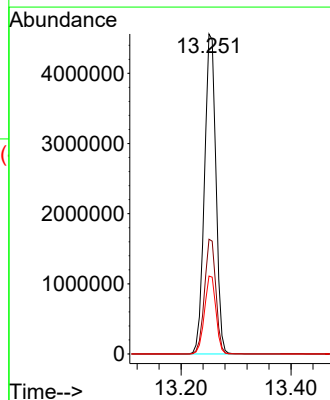
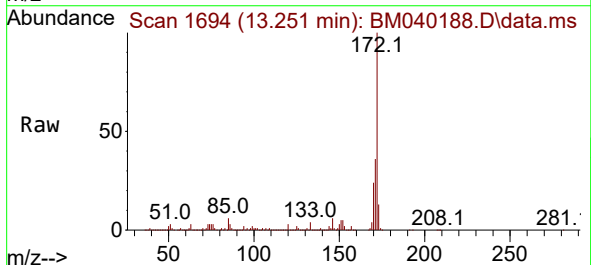
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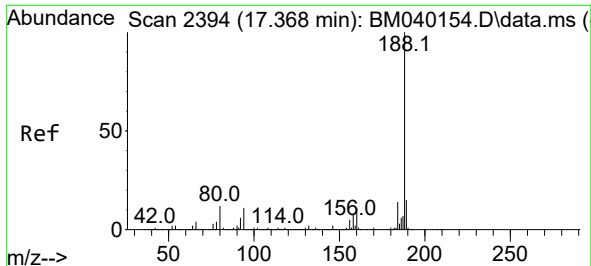
Tgt Ion:330 Resp: 1262870
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 33.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 84.576 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

Tgt Ion:172 Resp: 6598029
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.8 29.6

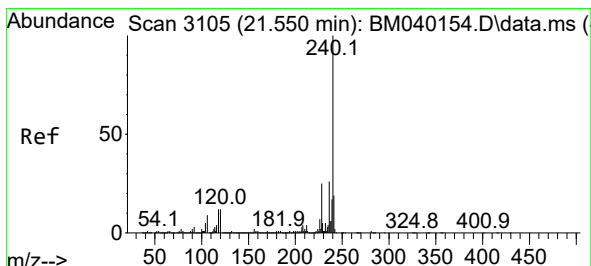
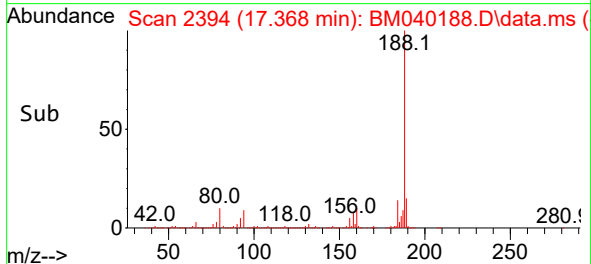
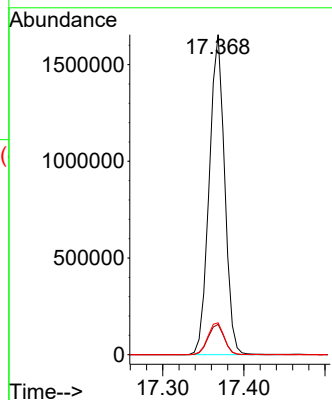
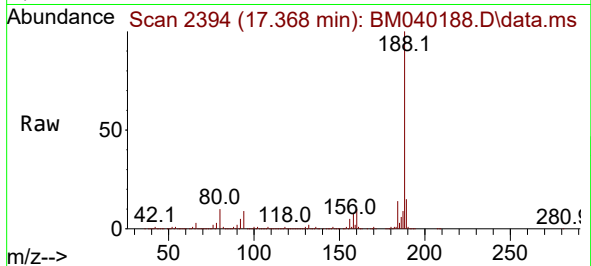




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

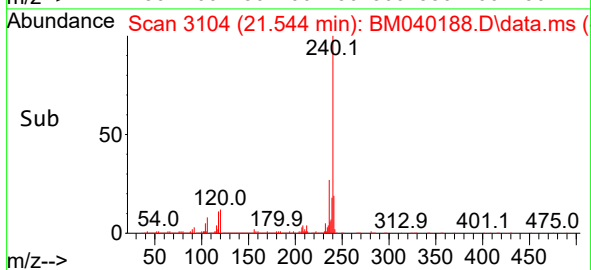
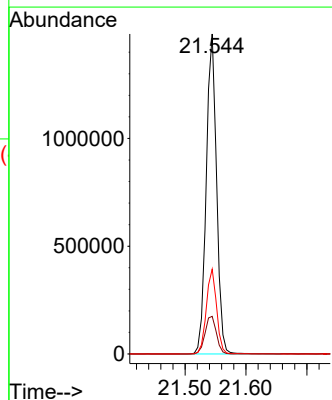
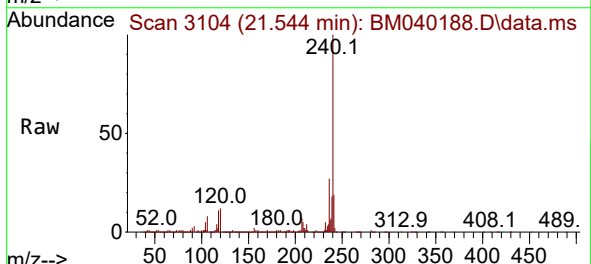
Instrument :
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ClientSampleId :
PB153264BL

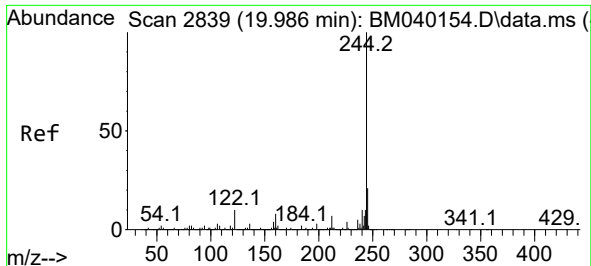
Tgt Ion:188 Resp: 2180412
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.0 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040188.D
Acq: 09 Jun 2023 13:02

Tgt Ion:240 Resp: 1751457
Ion Ratio Lower Upper
240 100
120 11.8 9.9 14.9
236 26.5 21.1 31.7

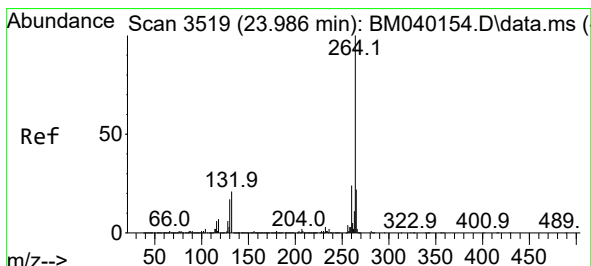
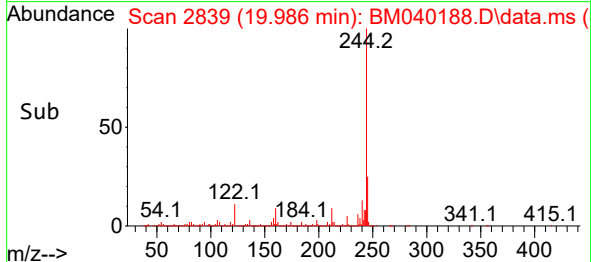
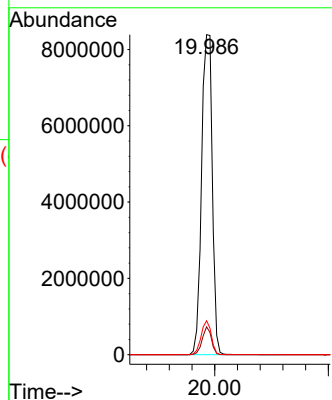
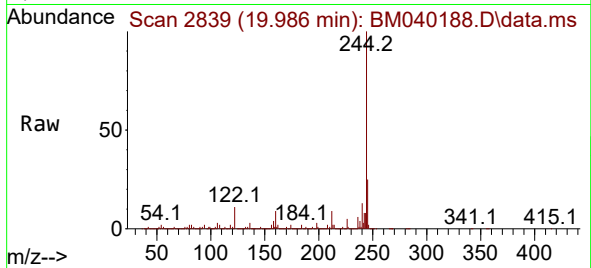




#79
 Terphenyl-d14
 Concen: 115.616 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040188.D
 Acq: 09 Jun 2023 13:02

Instrument :
 BNA_M
 ClientSampleId :
 PB153264BL

Tgt Ion:244 Resp:10984903
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.7 8.5#
 122 10.6 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: BM040188.D
 Acq: 09 Jun 2023 13:02

Tgt Ion:264 Resp: 1712632
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.5 17.7 26.5

