

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036192.D
 Acq On : 10 Aug 2022 15:02
 Operator : CG/JU
 Sample : N3971-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-12

Quant Time: Aug 10 22:24:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

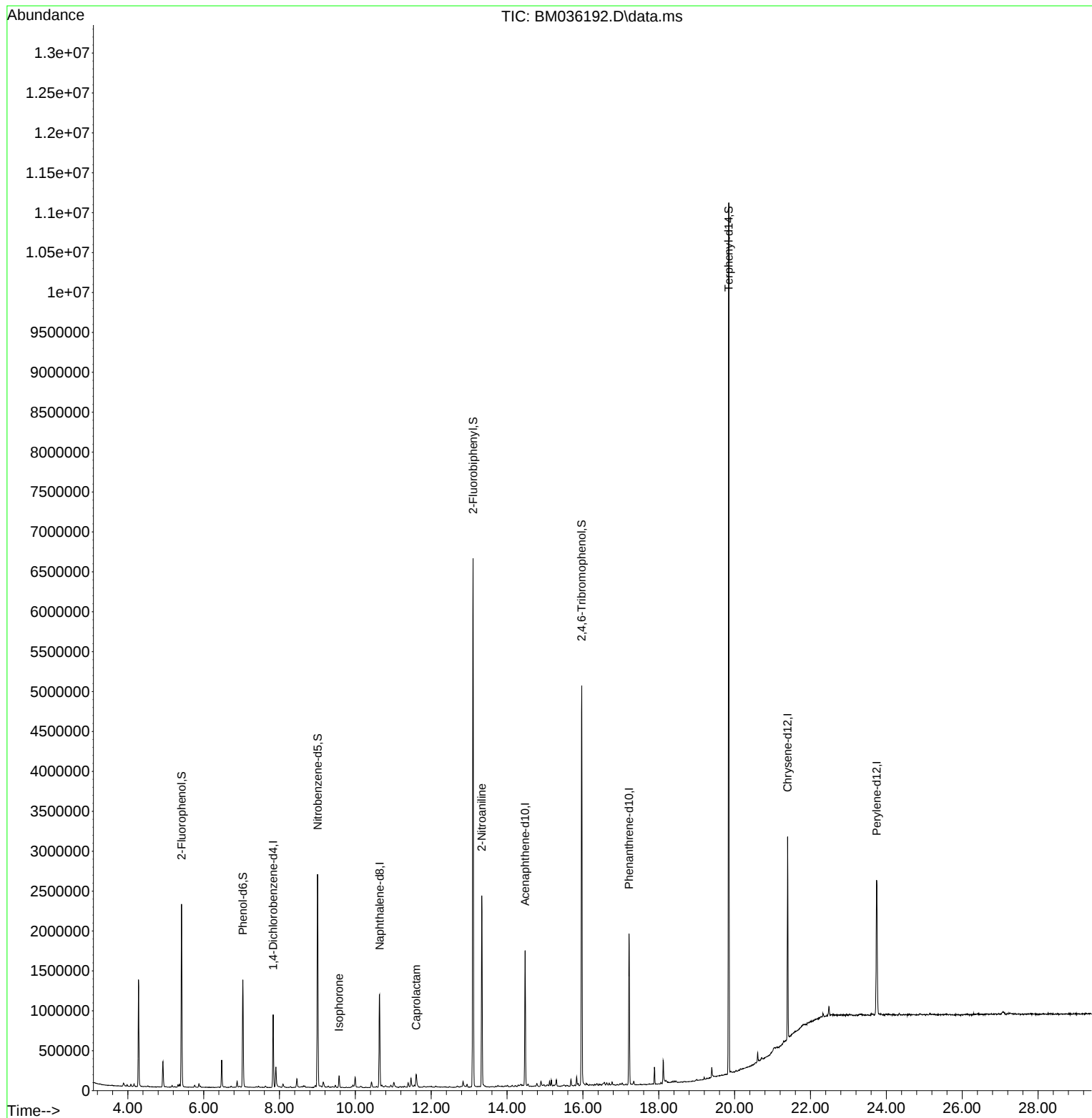
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	246801	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	982628	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	561319	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1127686	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1134104	20.000	ng	0.00
86) Perylene-d12	23.744	264	1209177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	981107	64.450	ng	0.00
7) Phenol-d6	7.034	99	766923	39.594	ng	0.00
23) Nitrobenzene-d5	9.004	82	1485993	84.652	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	914331	138.850	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3229825	84.956	ng	0.00
79) Terphenyl-d14	19.845	244	5004935	87.046	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.569	82	100274	3.511	ng	99
35) Caprolactam	11.604	113	35402	8.476	ng	96
48) 2-Nitroaniline	13.333	65	59412	6.963	ng	# 15

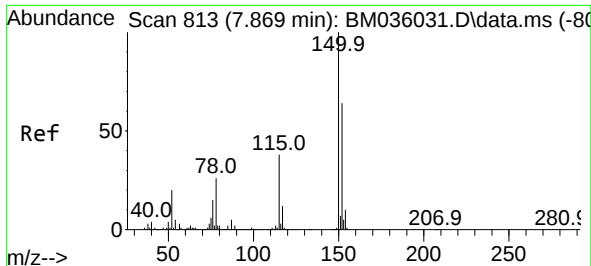
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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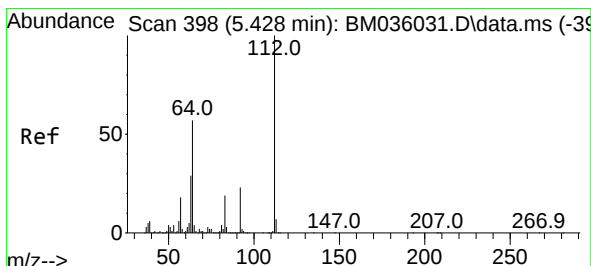
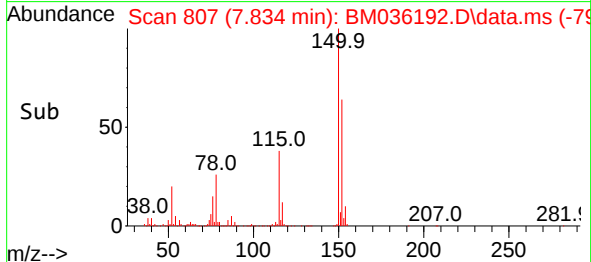
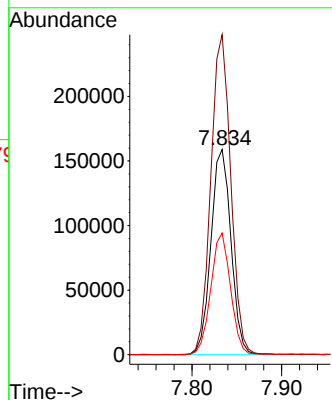
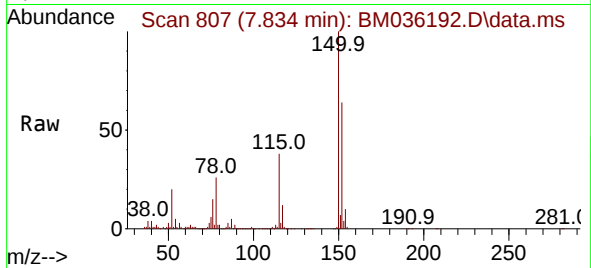




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

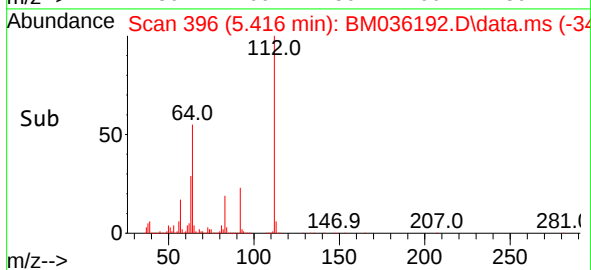
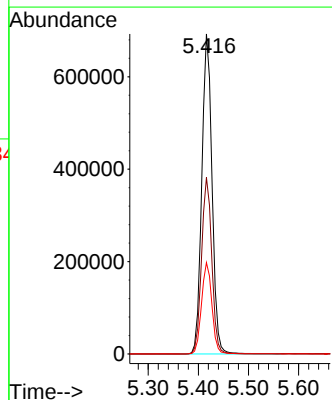
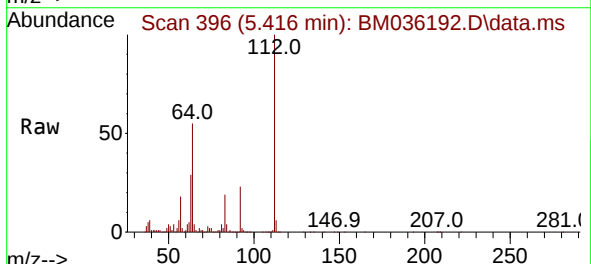
Instrument :
BNA_M
ClientSampleId :
MW-12

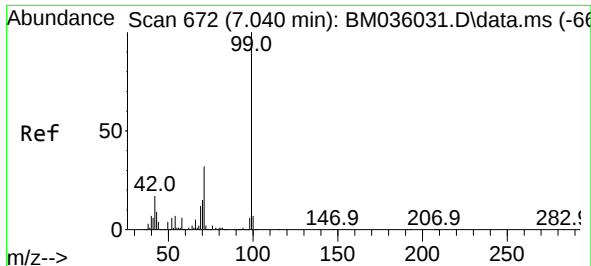
Tgt Ion:152 Resp: 246801
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 64.450 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion:112 Resp: 981107
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 28.5 26.6 40.0

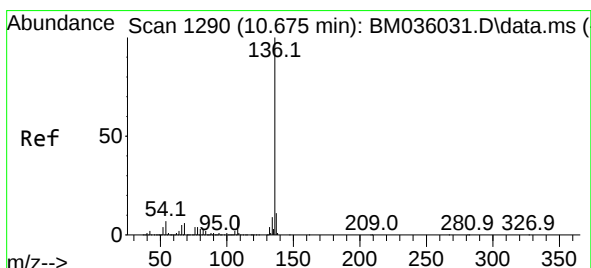
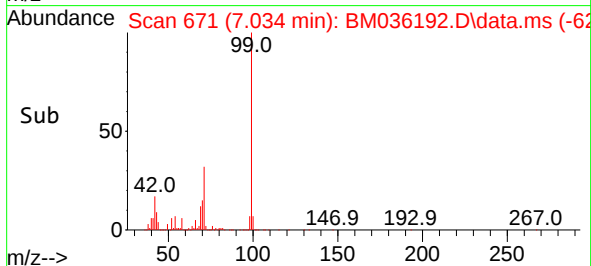
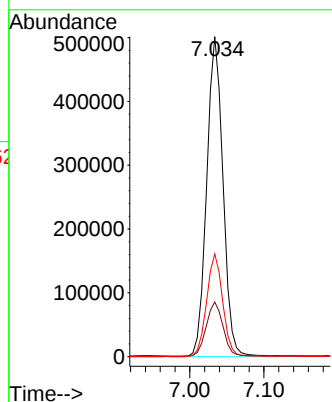
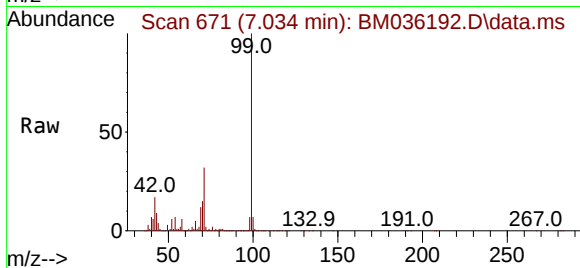




#7
Phenol-d6
Concen: 39.594 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

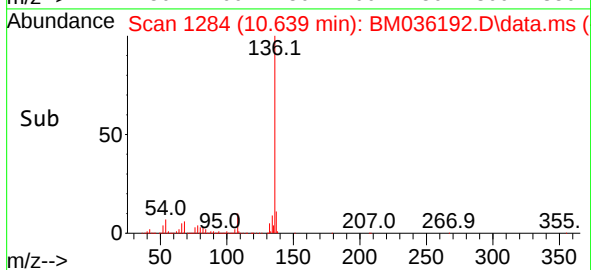
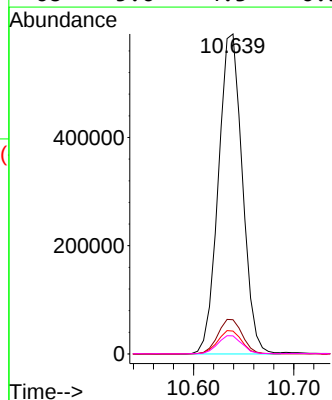
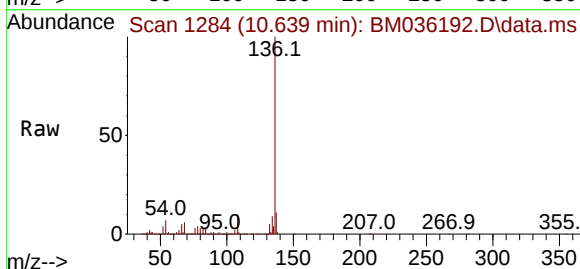
Instrument :
BNA_M
ClientSampleId :
MW-12

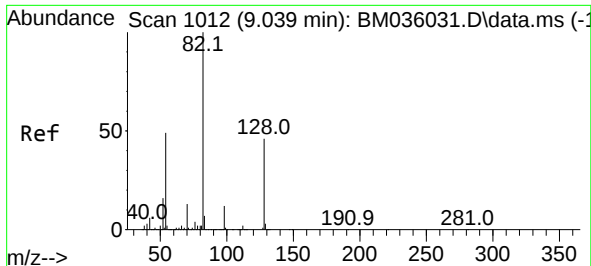
Tgt Ion: 99 Resp: 766923
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion: 136 Resp: 982628
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 7.0 10.4
68 5.6 4.3 6.5

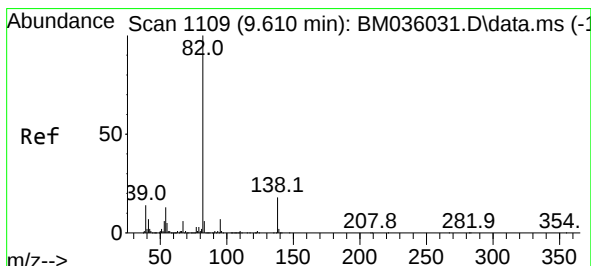
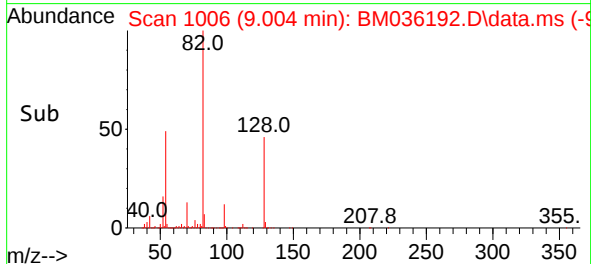
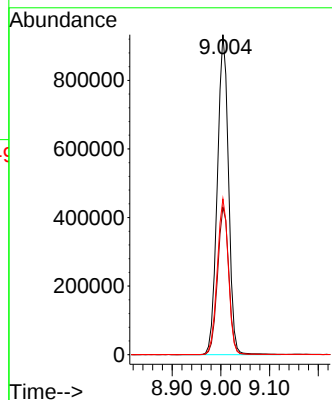
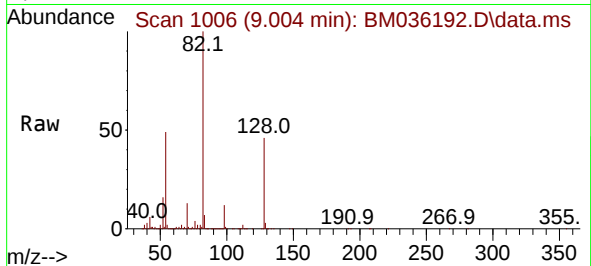




#23
Nitrobenzene-d5
Concen: 84.652 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

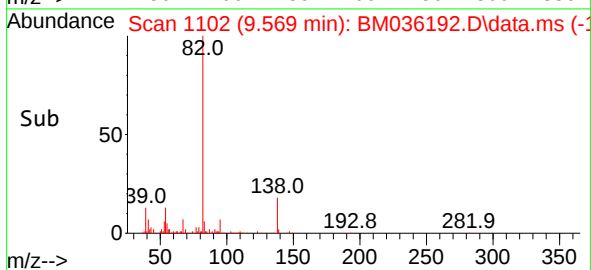
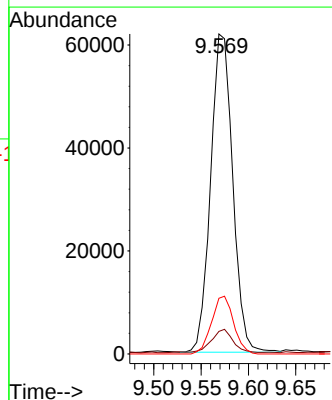
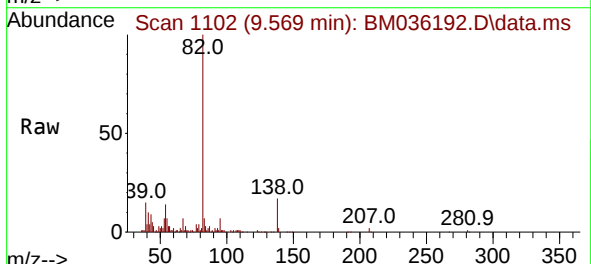
Instrument :
BNA_M
ClientSampleId :
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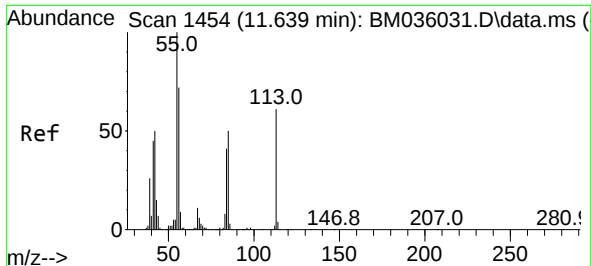
Tgt Ion: 82 Resp: 1485993
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 48.7 43.2 64.8



#25
Isophorone
Concen: 3.511 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion: 82 Resp: 100274
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 17.4 14.2 21.4

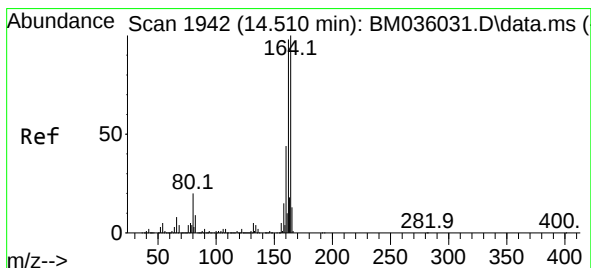
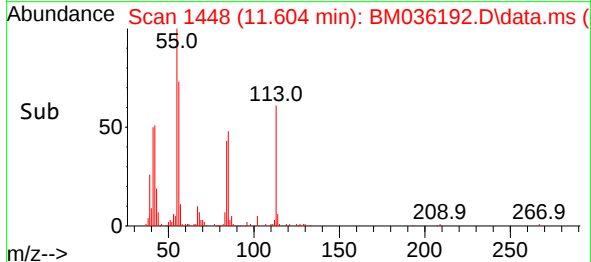
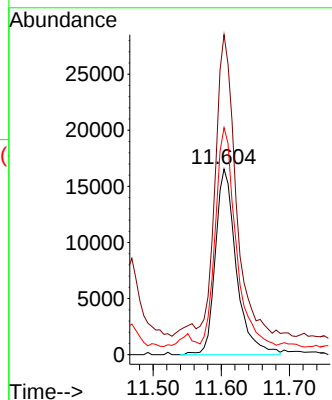
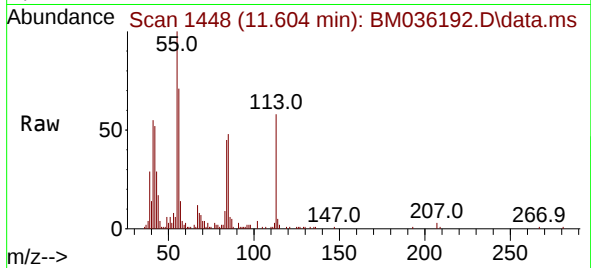




#35
Caprolactam
Concen: 8.476 ng
RT: 11.604 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

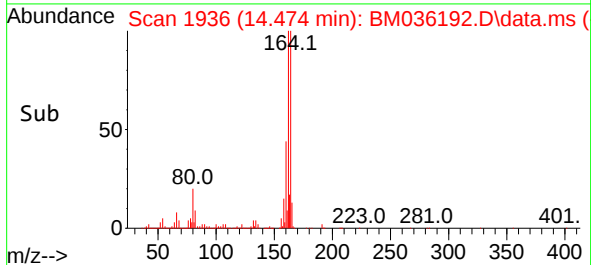
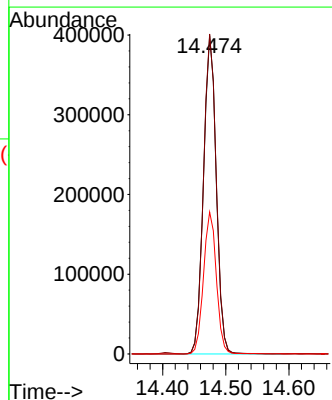
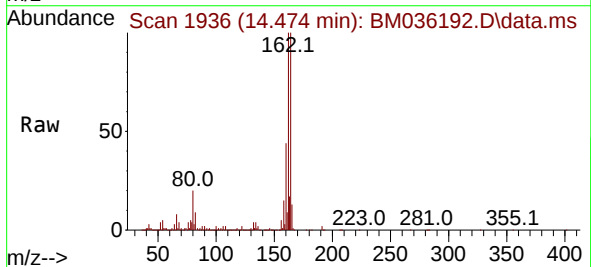
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ClientSampleId :
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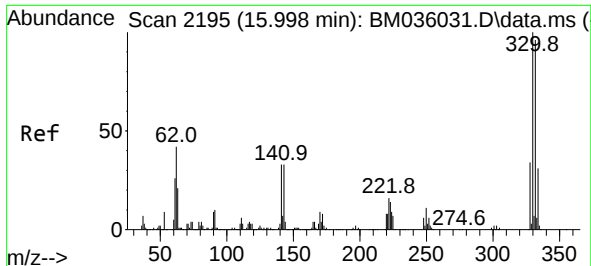
Tgt Ion:113 Resp: 35402
Ion Ratio Lower Upper
113 100
55 172.4 150.1 190.1
56 122.3 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion:164 Resp: 561319
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 44.6 37.0 55.4

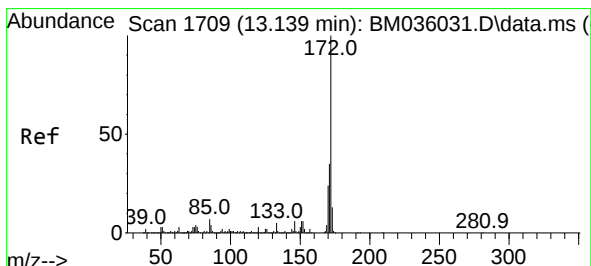
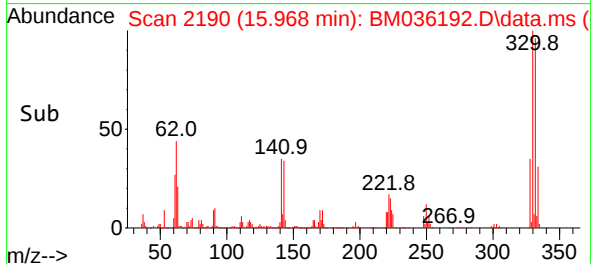
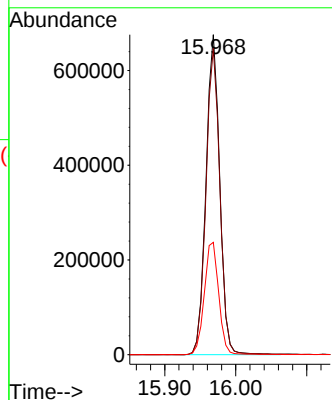
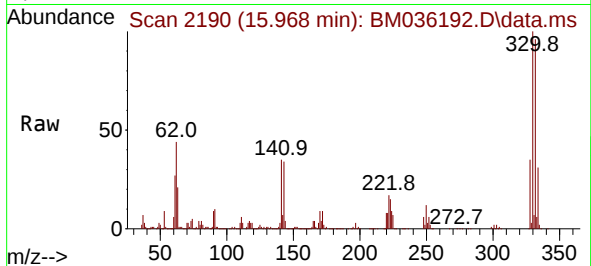




#42
2,4,6-Tribromophenol
Concen: 138.850 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

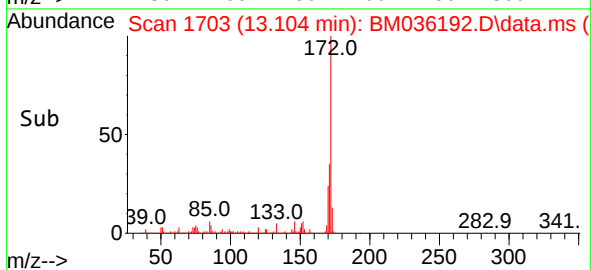
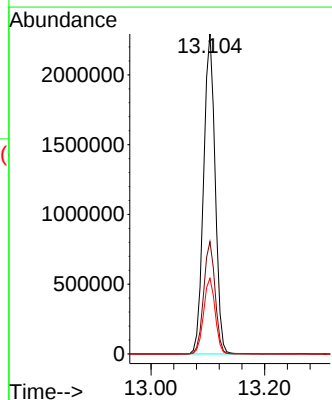
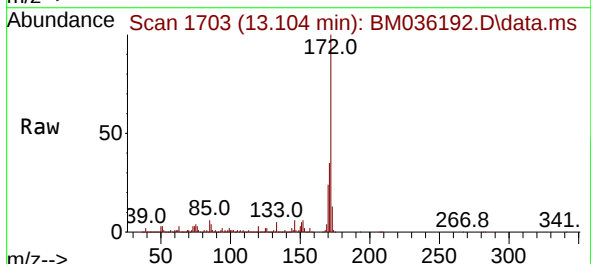
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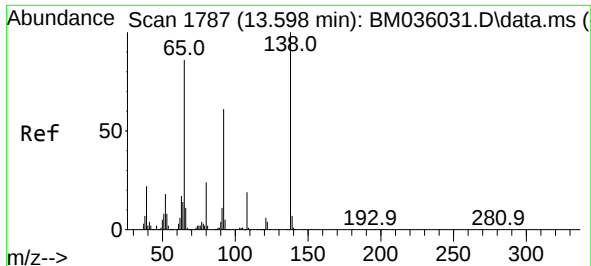
Tgt Ion:330 Resp: 914331
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 37.0 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 84.956 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion:172 Resp: 3229825
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 18.7 28.1

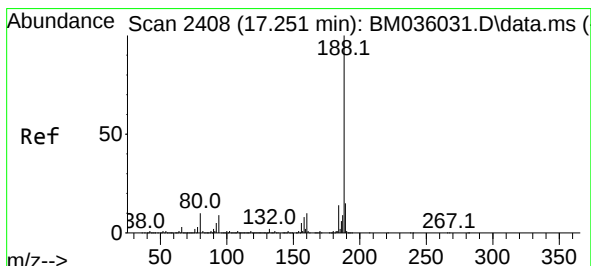
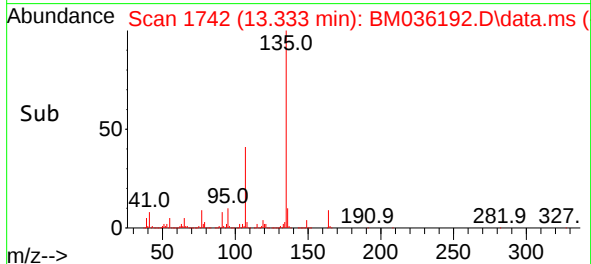
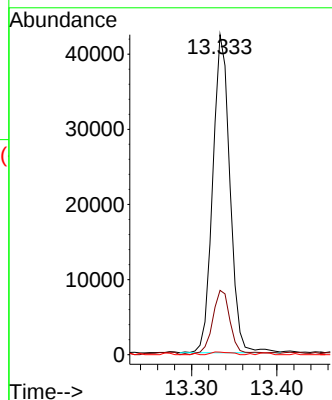
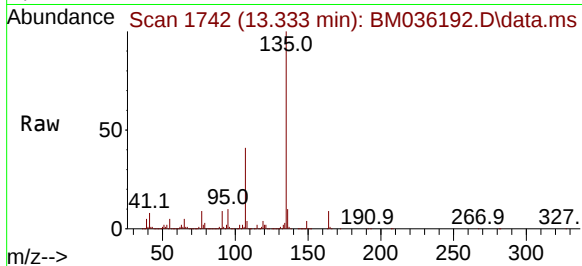




#48
2-Nitroaniline
Concen: 6.963 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.241 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

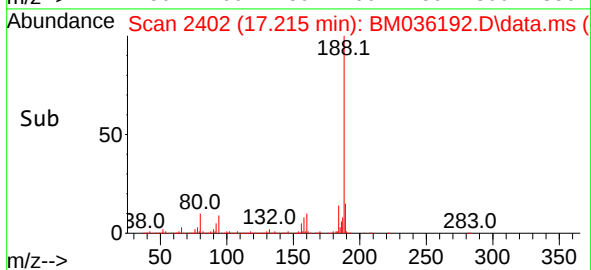
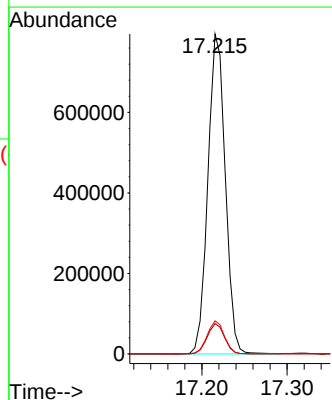
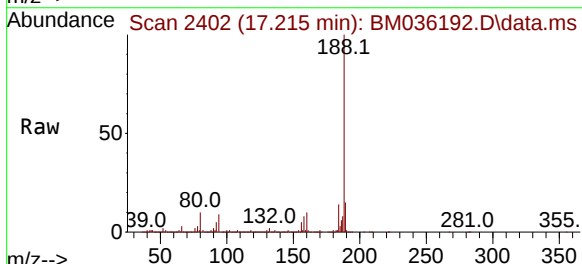
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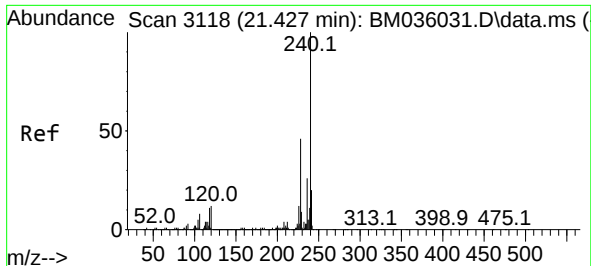
Tgt Ion: 65 Resp: 59412
Ion Ratio Lower Upper
65 100
92 20.1 53.7 80.5#
138 0.8 83.9 125.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion:188 Resp: 1127686
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.4 7.6 11.4

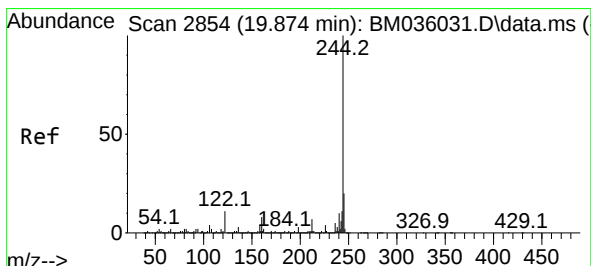
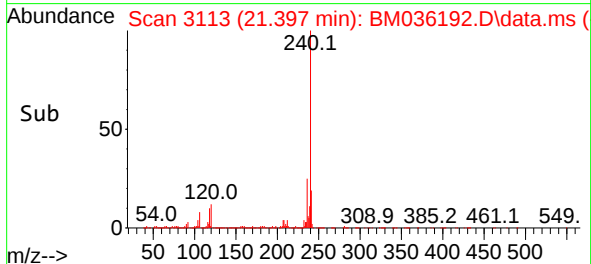
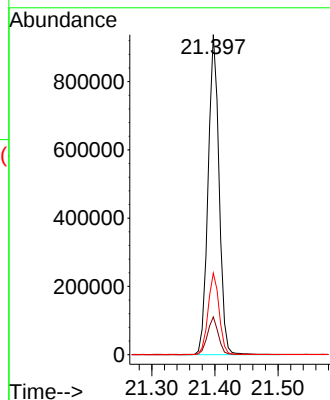
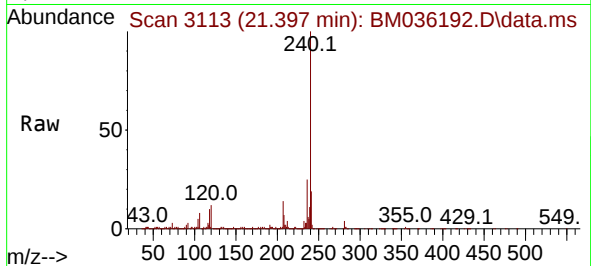




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

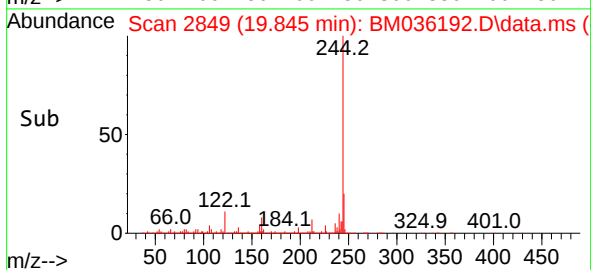
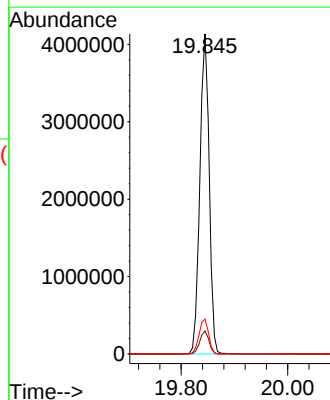
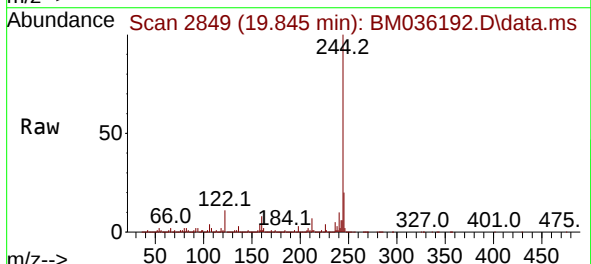
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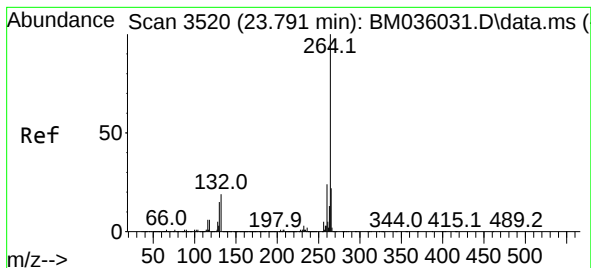
Tgt Ion:240 Resp: 1134104
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.5 20.6 30.8



#79
Terphenyl-d14
Concen: 87.046 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM036192.D
Acq: 10 Aug 2022 15:02

Tgt Ion:244 Resp: 5004935
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 10.9 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.744 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM036192.D

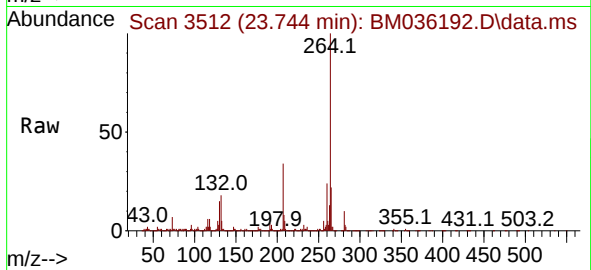
Acq: 10 Aug 2022 15:02

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 1209177

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.3 17.5 26.3

