

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036196.D
 Acq On : 10 Aug 2022 17:31
 Operator : CG/JU
 Sample : N3972-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPN-9

Quant Time: Aug 10 22:26:35 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)

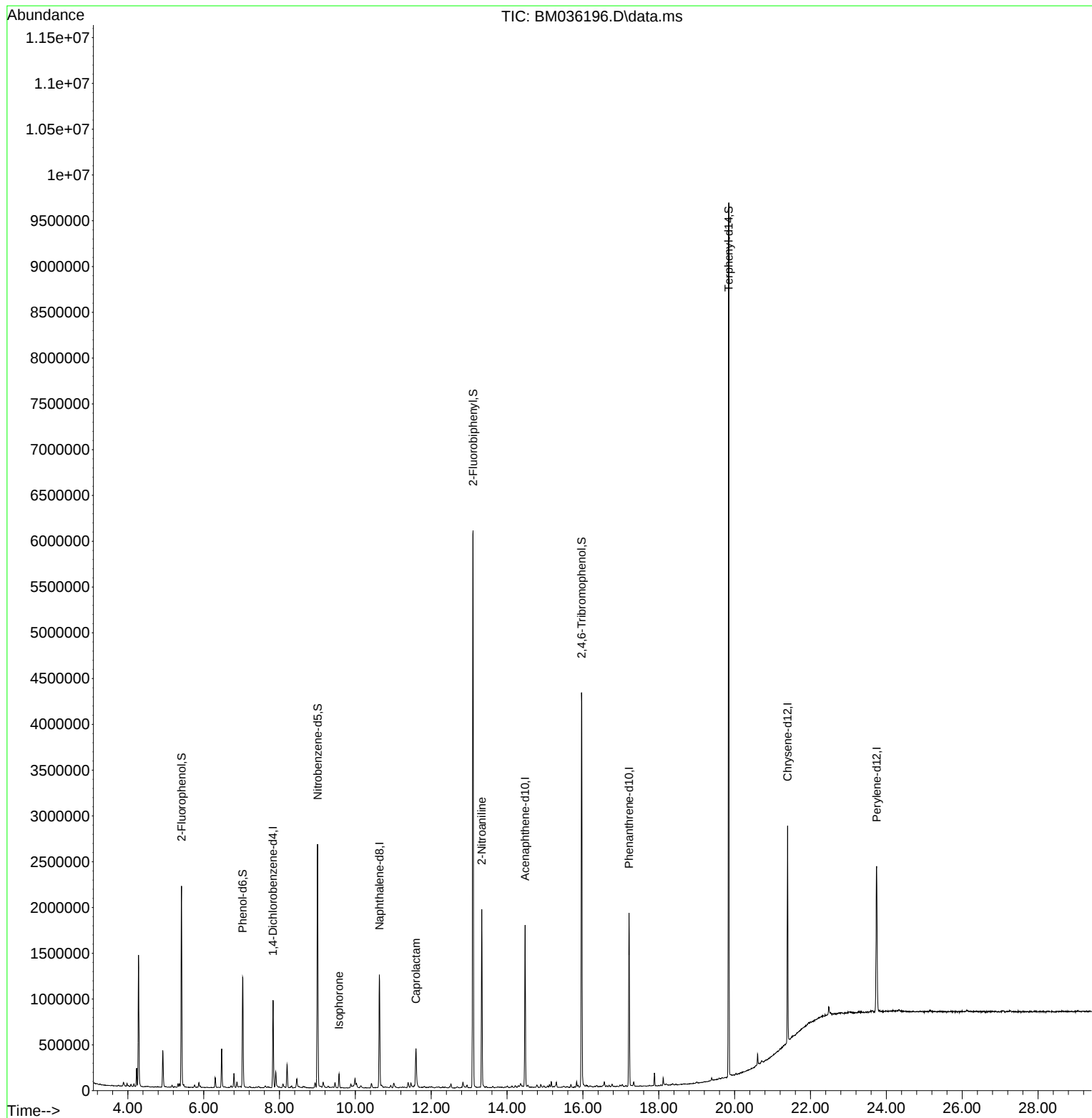
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	258707	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1039143	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	574408	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1105582	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1063546	20.000	ng	0.00
86) Perylene-d12	23.744	264	1160615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	943847	59.149	ng	0.00
7) Phenol-d6	7.028	99	715225	35.225	ng	0.00
23) Nitrobenzene-d5	9.004	82	1490874	80.311	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	802664	119.115	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3099262	79.664	ng	0.00
79) Terphenyl-d14	19.845	244	4418539	81.946	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.569	82	102564	3.396	ng	98
35) Caprolactam	11.598	113	88636	20.068	ng	95
48) 2-Nitroaniline	13.333	65	47922	5.489	ng	# 16

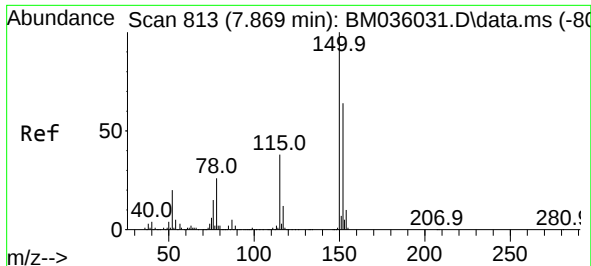
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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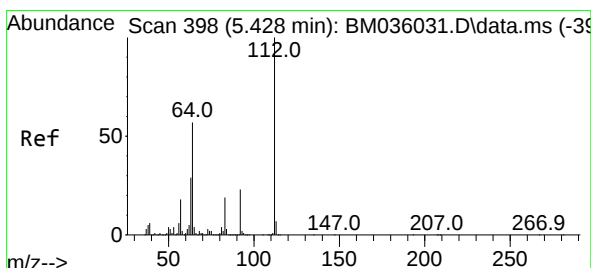
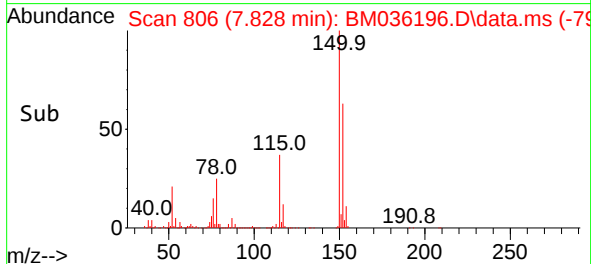
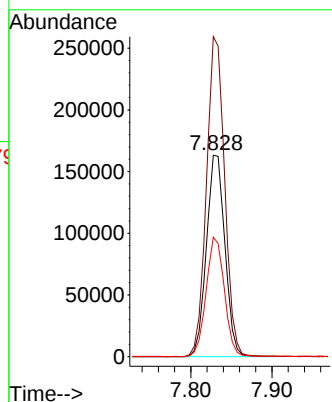
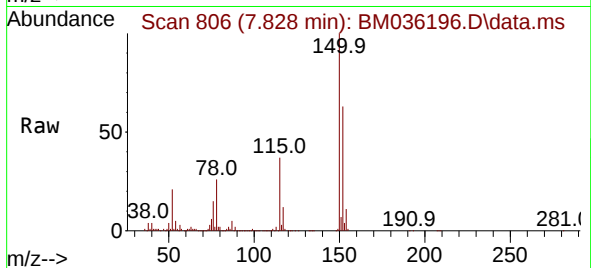




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

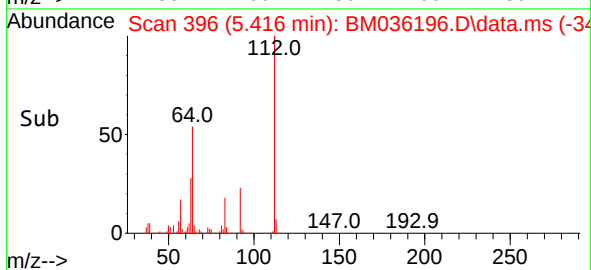
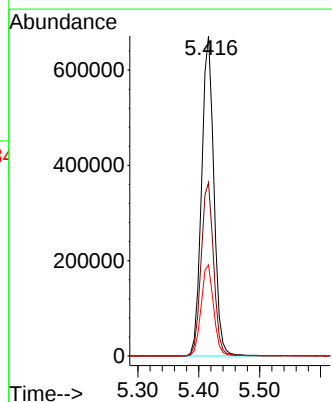
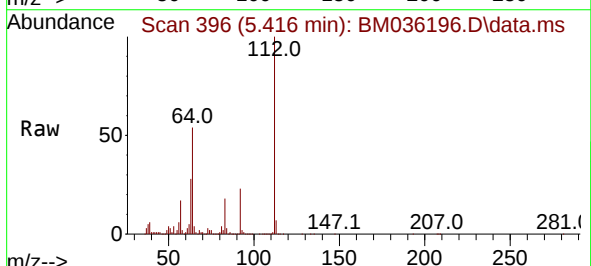
Instrument :
BNA_M
ClientSampleId :
SPN-9

Tgt Ion:152 Resp: 258707
Ion Ratio Lower Upper
152 100
150 158.8 124.9 187.3
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 59.149 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion:112 Resp: 943847
Ion Ratio Lower Upper
112 100
64 54.2 47.8 71.6
63 28.5 26.6 40.0

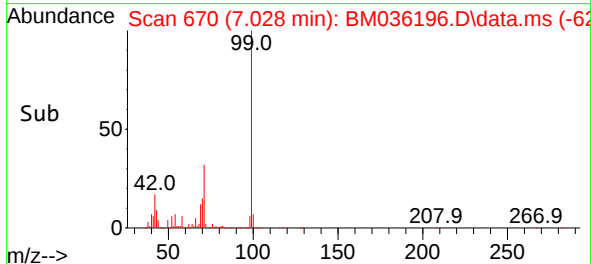
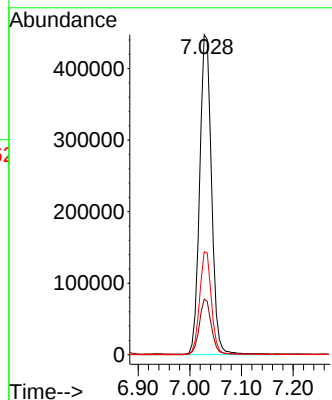
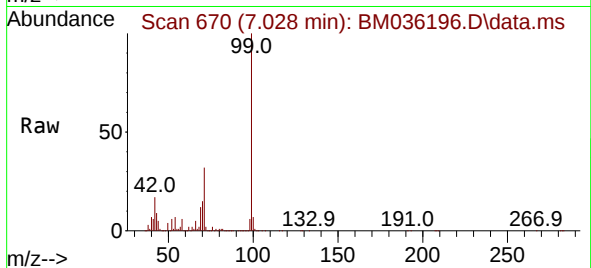




#7
Phenol-d6
Concen: 35.225 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

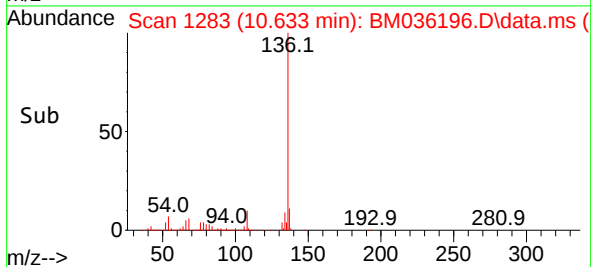
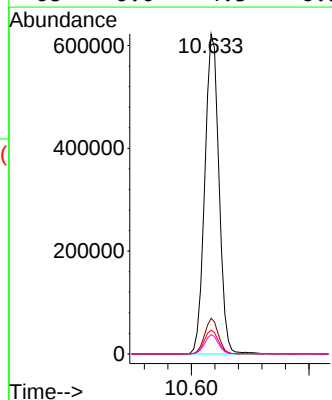
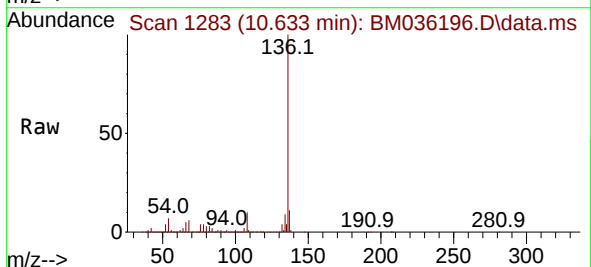
Instrument :
BNA_M
ClientSampleId :
SPN-9

Tgt Ion: 99 Resp: 715225
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion: 136 Resp: 1039143
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 7.0 10.4
68 6.0 4.3 6.5

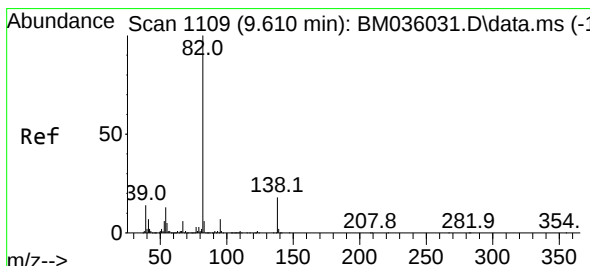
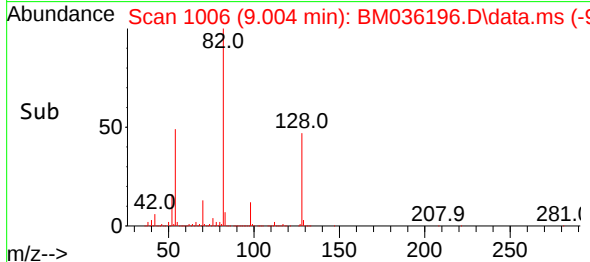
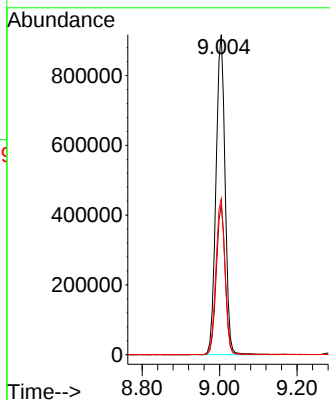
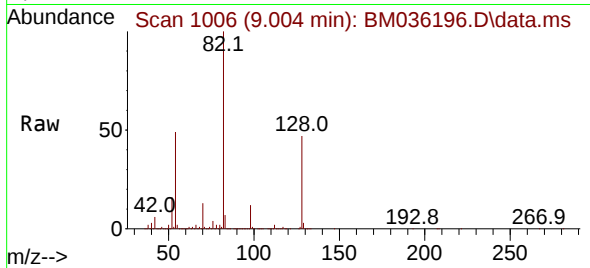




#23
Nitrobenzene-d5
Concen: 80.311 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

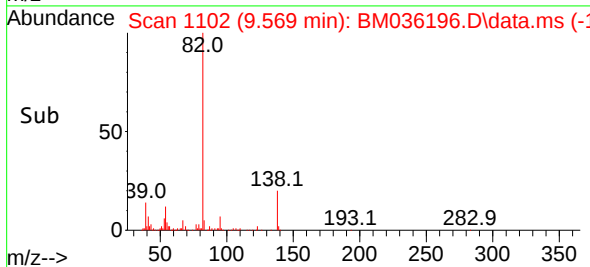
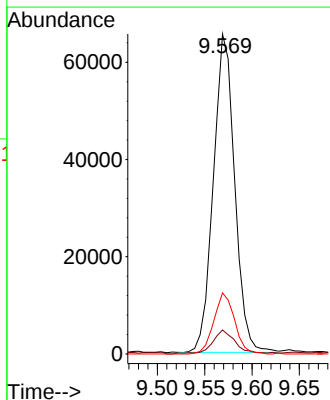
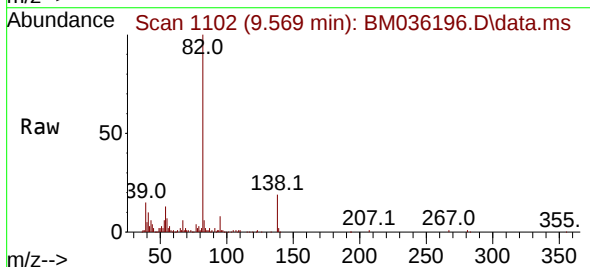
Instrument :
BNA_M
ClientSampleId :
SPN-9

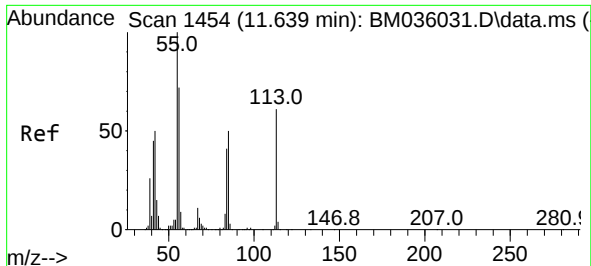
Tgt Ion: 82 Resp: 1490874
Ion Ratio Lower Upper
82 100
128 46.9 33.7 50.5
54 48.7 43.2 64.8



#25
Isophorone
Concen: 3.396 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion: 82 Resp: 102564
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 19.1 14.2 21.4

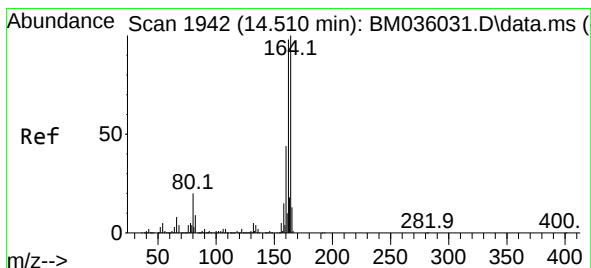
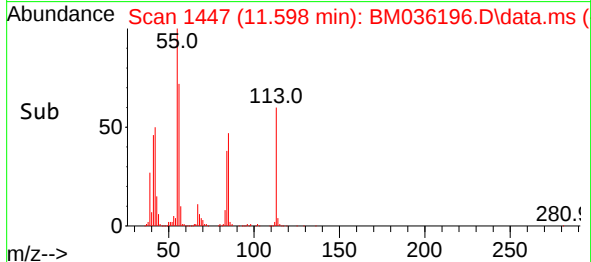
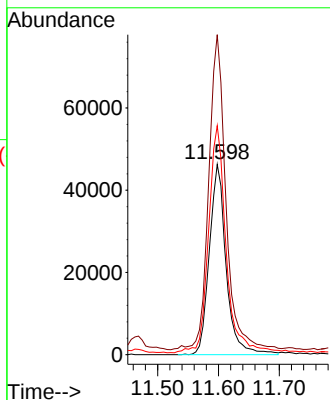
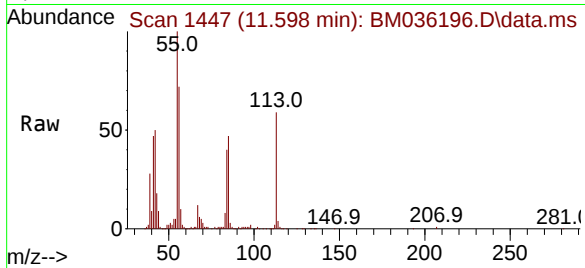




#35
 Caprolactam
 Concen: 20.068 ng
 RT: 11.598 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BM036196.D
 Acq: 10 Aug 2022 17:31

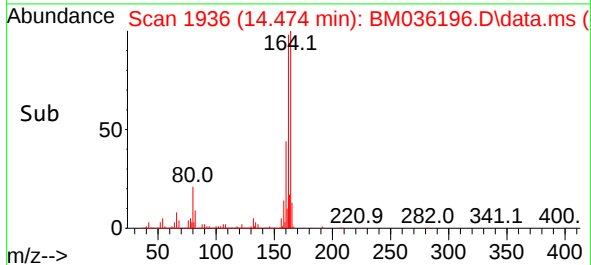
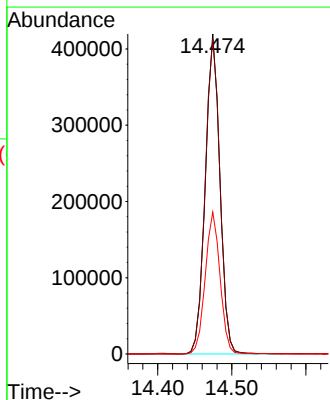
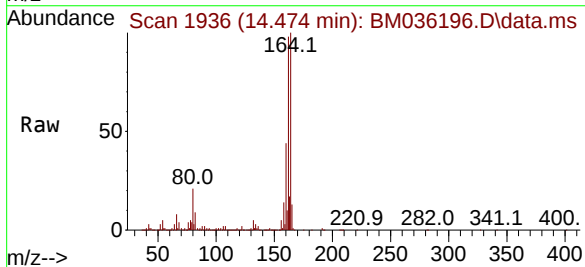
Instrument :
 BNA_M
 ClientSampleId :
 SPN-9

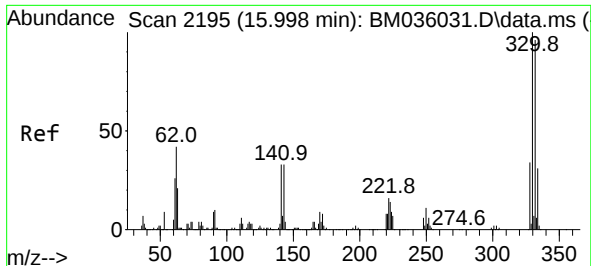
Tgt Ion:113 Resp: 88636
 Ion Ratio Lower Upper
 113 100
 55 168.1 150.1 190.1
 56 120.3 111.7 151.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.474 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: BM036196.D
 Acq: 10 Aug 2022 17:31

Tgt Ion:164 Resp: 574408
 Ion Ratio Lower Upper
 164 100
 162 98.5 83.0 124.6
 160 44.4 37.0 55.4

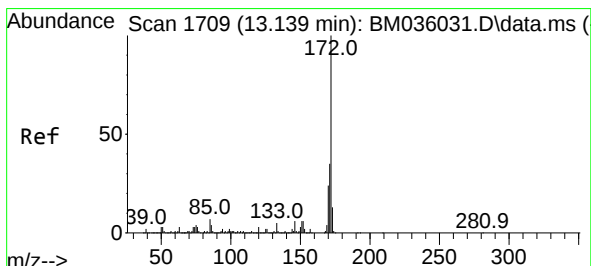
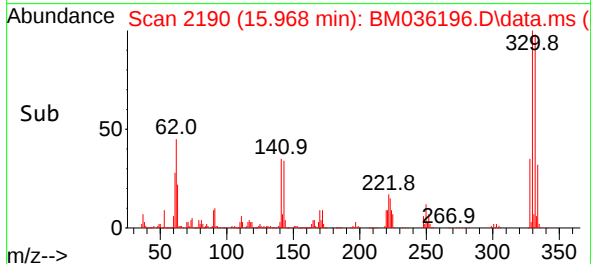
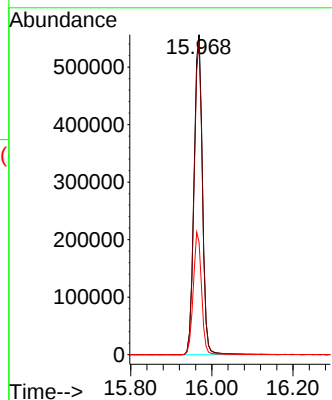
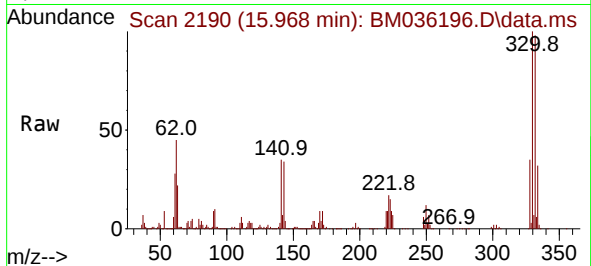




#42
2,4,6-Tribromophenol
Concen: 119.115 ng
RT: 15.968 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

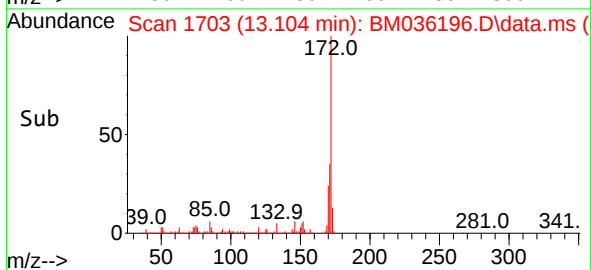
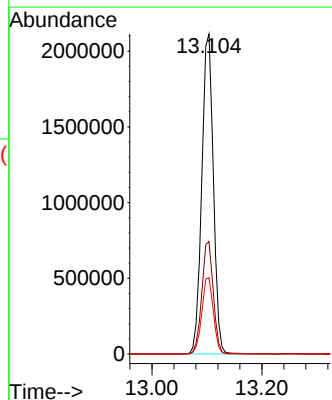
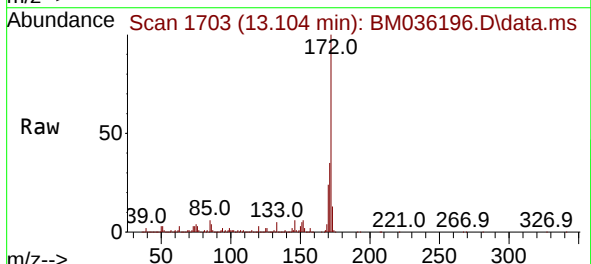
Instrument :
BNA_M
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SPN-9

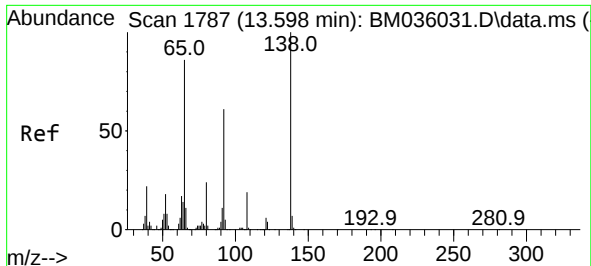
Tgt Ion:330 Resp: 802664
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 37.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 79.664 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion:172 Resp: 3099262
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.7 28.1

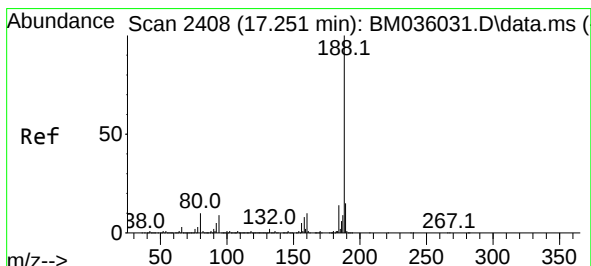
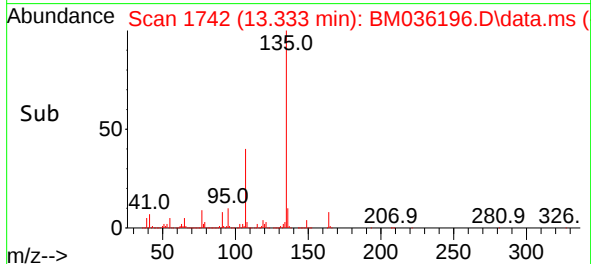
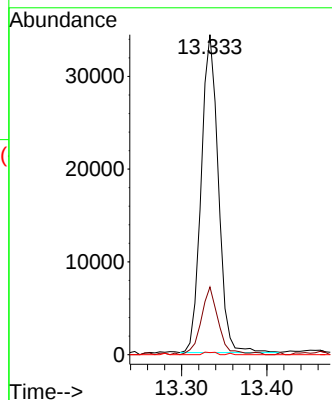
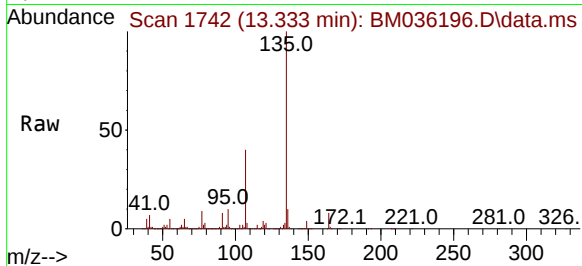




#48
2-Nitroaniline
Concen: 5.489 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.241 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

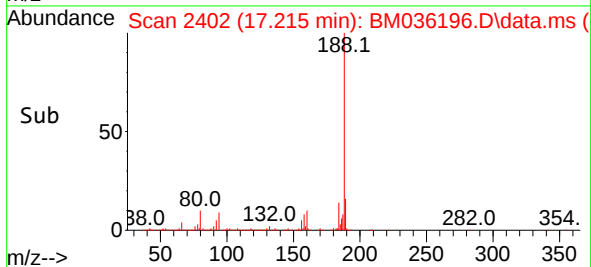
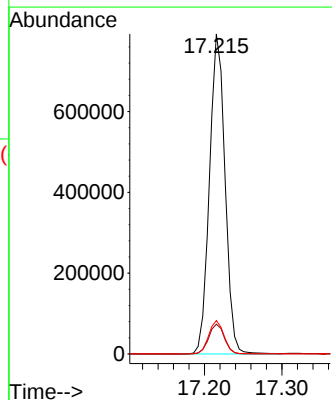
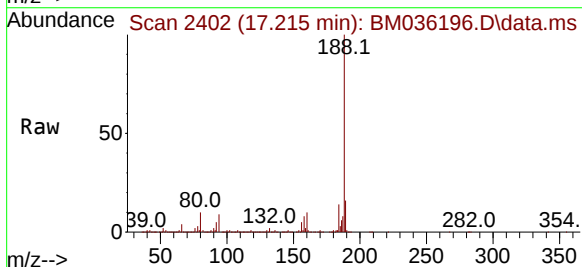
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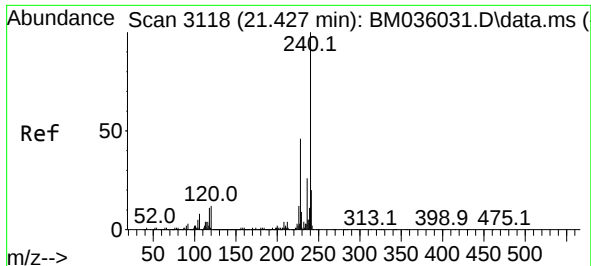
Tgt Ion: 65 Resp: 47922
Ion Ratio Lower Upper
65 100
92 21.2 53.7 80.5#
138 0.6 83.9 125.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion:188 Resp: 1105582
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.5 7.6 11.4

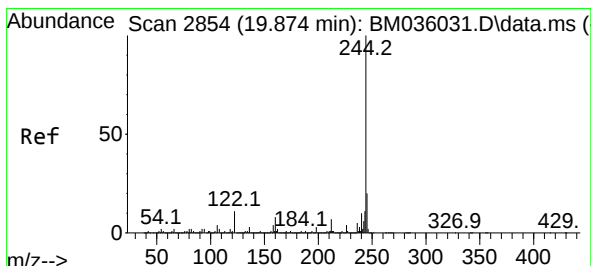
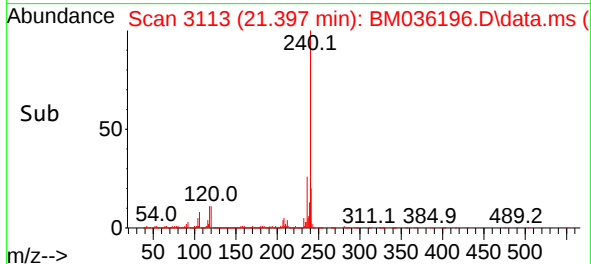
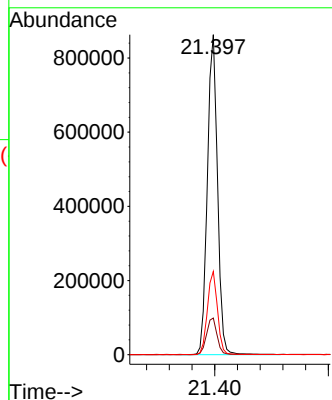
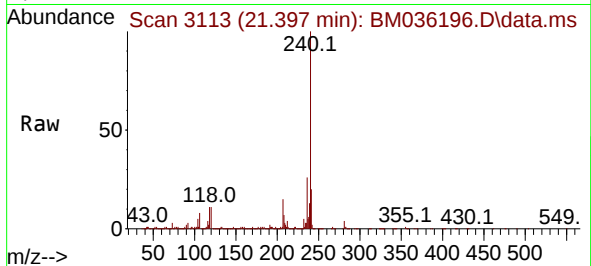




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

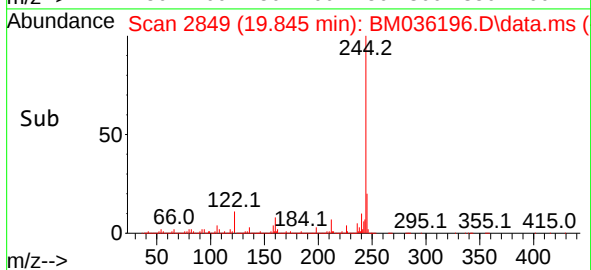
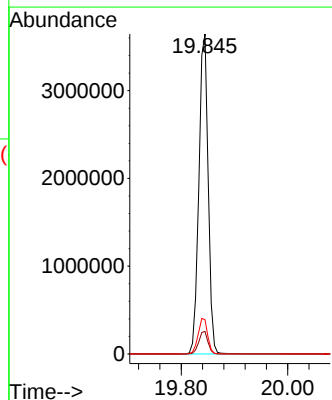
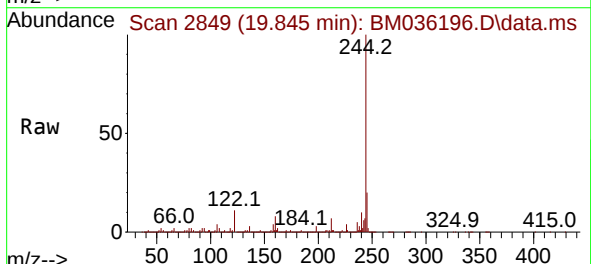
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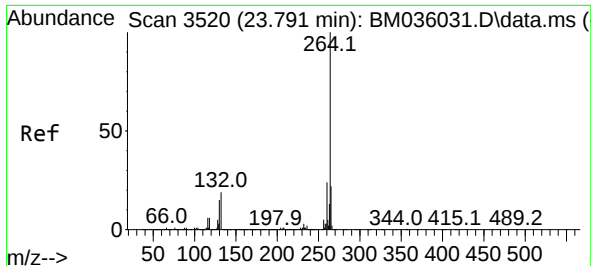
Tgt Ion:240 Resp: 1063546
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 81.946 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM036196.D
Acq: 10 Aug 2022 17:31

Tgt Ion:244 Resp: 4418539
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.744 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM036196.D
 Acq: 10 Aug 2022 17:31

Instrument :
 BNA_M
 ClientSampleId :
 SPN-9

Tgt Ion:264 Resp: 1160615
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.0 17.5 26.3

