

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020323\  
 Data File : BM038685.D  
 Acq On : 03 Feb 2023 18:47  
 Operator : CG/JU  
 Sample : 01414-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(30-40)

Quant Time: Feb 04 05:21:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 04 05:17:53 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	59687	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	194173	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	139242	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	302374	20.000	ng	0.00
76) Chrysene-d12	21.486	240	260949	20.000	ng	0.00
86) Perylene-d12	23.880	264	328922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	342941	112.552	ng	0.00
7) Phenol-d6	7.104	99	393100	113.118	ng	0.00
23) Nitrobenzene-d5	9.098	82	229337	67.087	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	216078	114.170	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	683921	62.531	ng	0.00
79) Terphenyl-d14	19.921	244	921577	62.322	ng	0.00

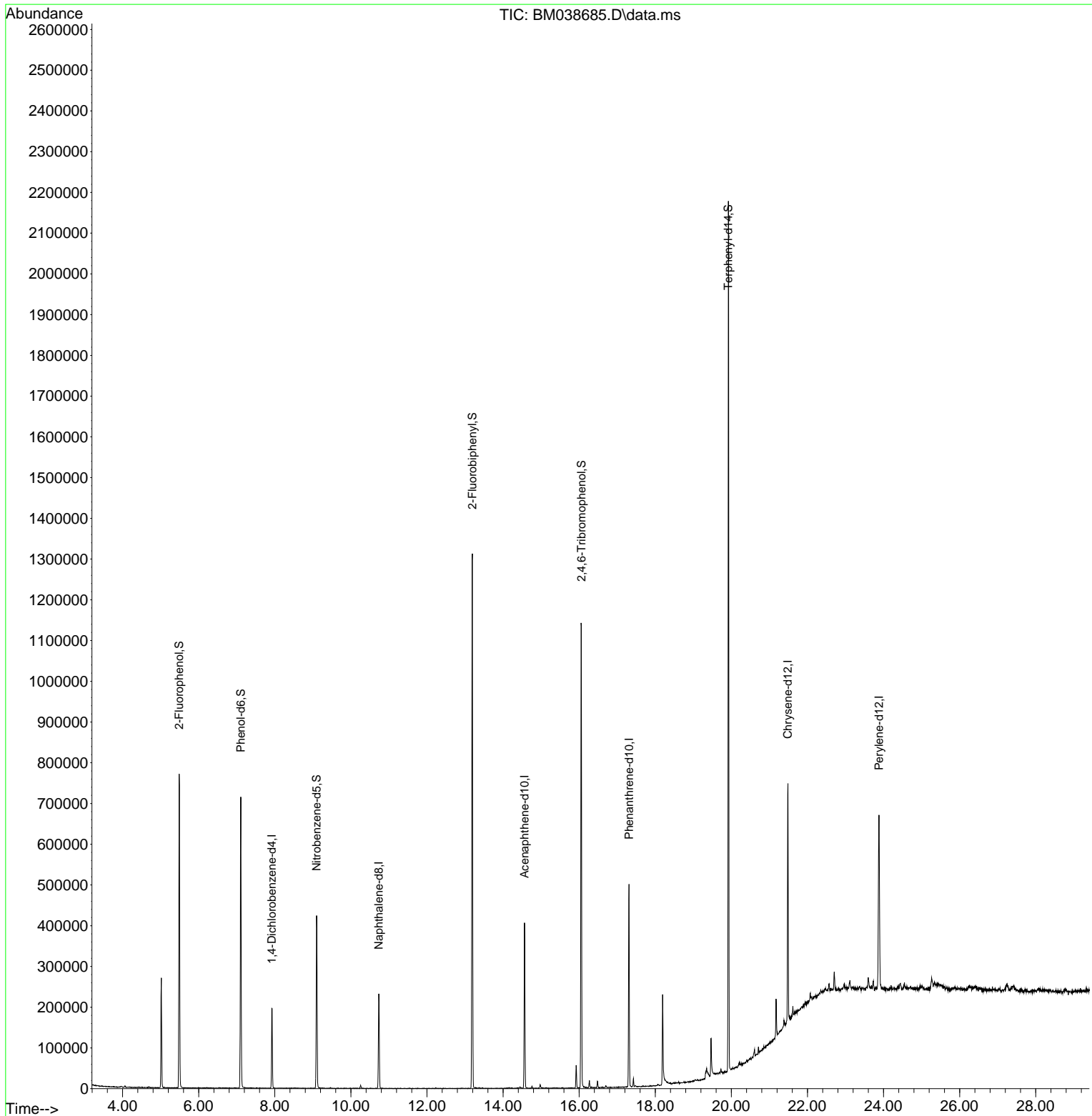
Target Compounds Qvalue

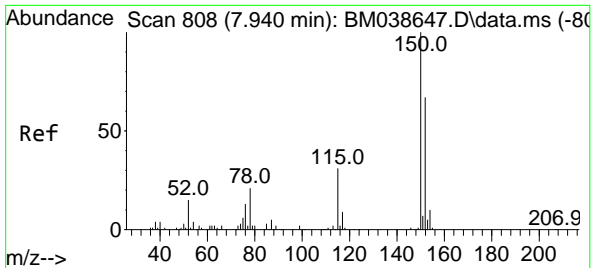
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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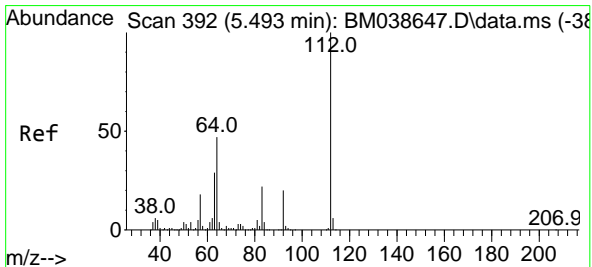
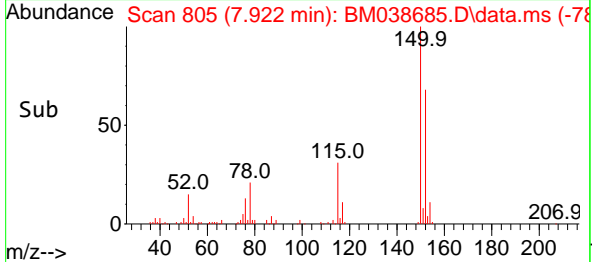
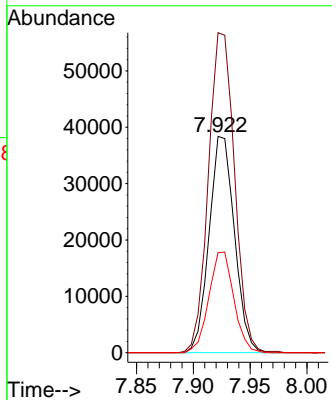
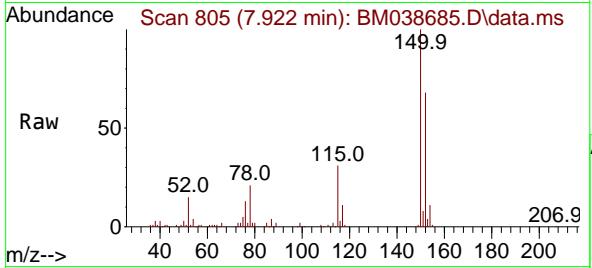




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.922 min Scan# 805  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

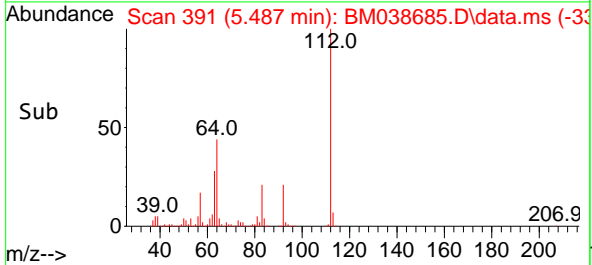
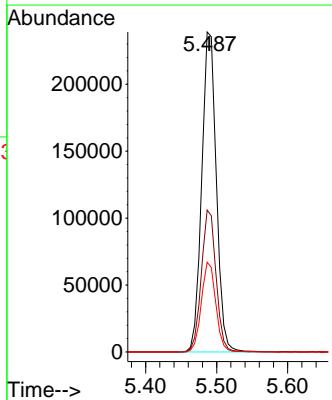
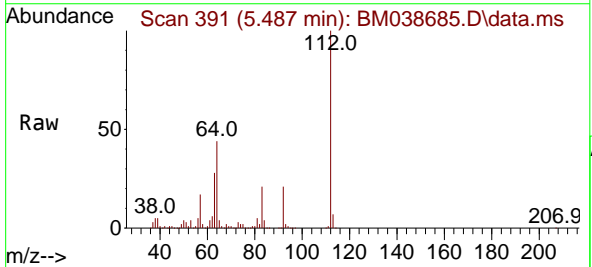
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(30-40)

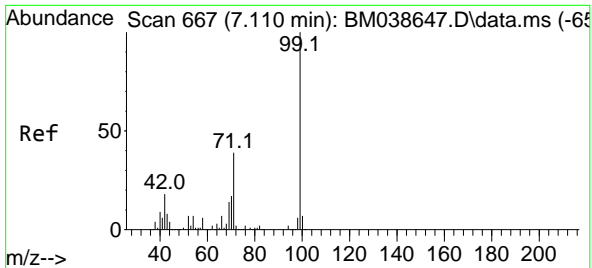
Tgt Ion:152 Resp: 59687  
 Ion Ratio Lower Upper  
 152 100  
 150 147.9 119.5 179.3  
 115 46.2 37.6 56.4



#5  
 2-Fluorophenol  
 Concen: 112.552 ng  
 RT: 5.487 min Scan# 391  
 Delta R.T. 0.006 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Tgt Ion:112 Resp: 342941  
 Ion Ratio Lower Upper  
 112 100  
 64 44.3 37.9 56.9  
 63 28.0 23.3 34.9

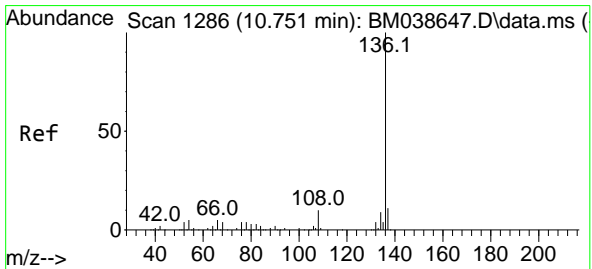
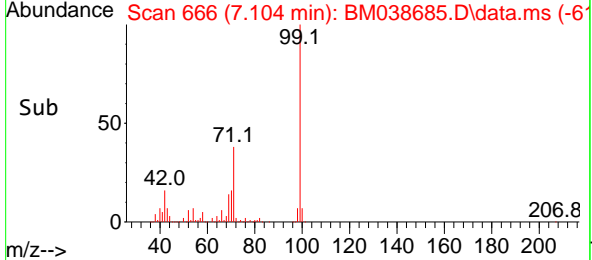
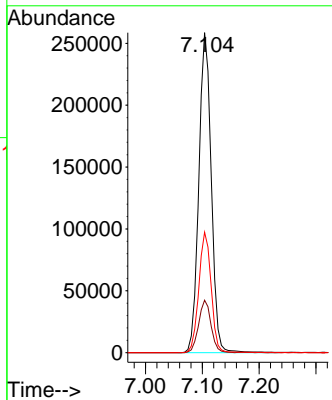
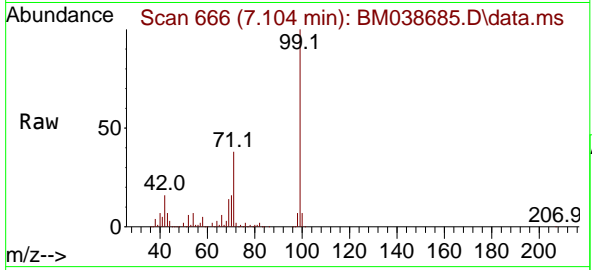




#7  
Phenol-d6  
Concen: 113.118 ng  
RT: 7.104 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BM038685.D  
Acq: 03 Feb 2023 18:47

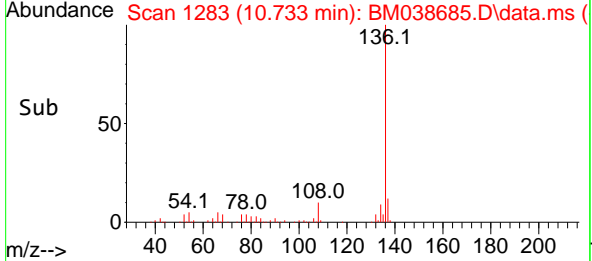
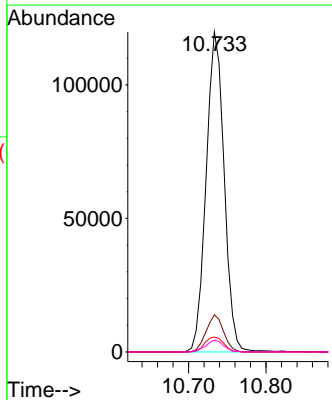
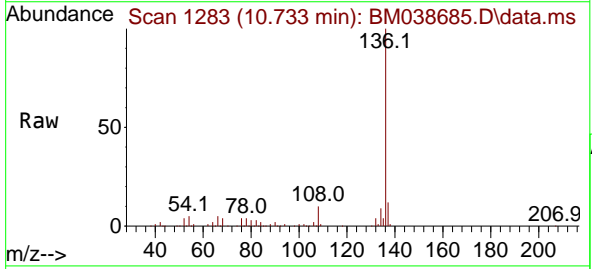
Instrument : BNA\_M  
ClientSampleId : SASP2-123-2(30-40)

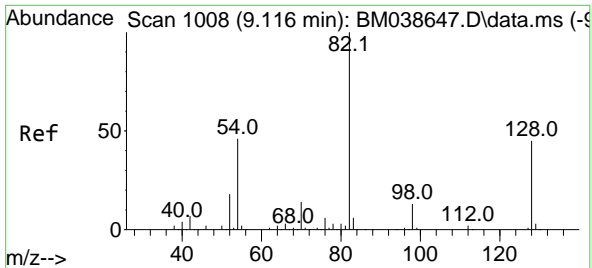
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	393100	100		
42		16.4	14.6	22.0
71		37.6	31.0	46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BM038685.D  
Acq: 03 Feb 2023 18:47

Tgt Ion	Resp	Ion Ratio	Lower	Upper
136	194173	100		
137		11.6	8.8	13.2
54		4.7	4.2	6.4
68		3.7	2.9	4.3



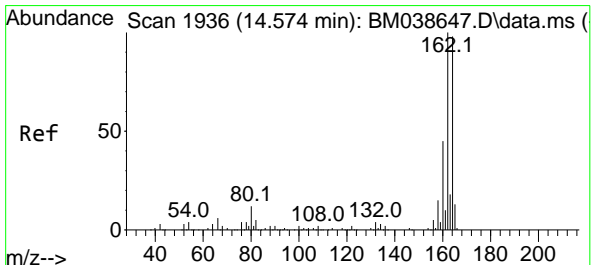
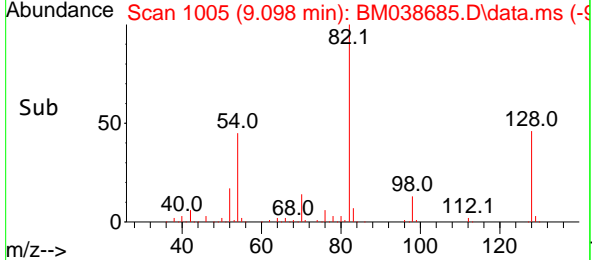
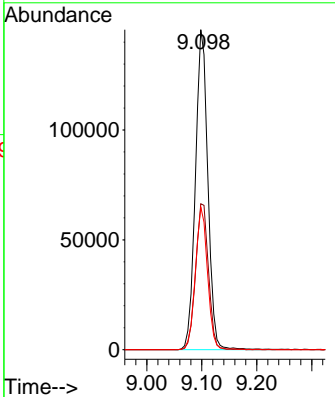
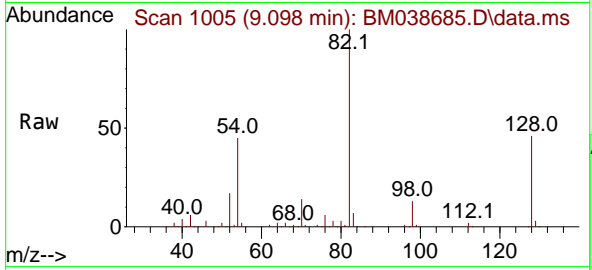


#23  
 Nitrobenzene-d5  
 Concen: 67.087 ng  
 RT: 9.098 min Scan# 1005  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Instrument : BNA\_M  
 ClientSampleId : SASP2-123-2(30-40)

Tgt Ion: 82 Resp: 229337

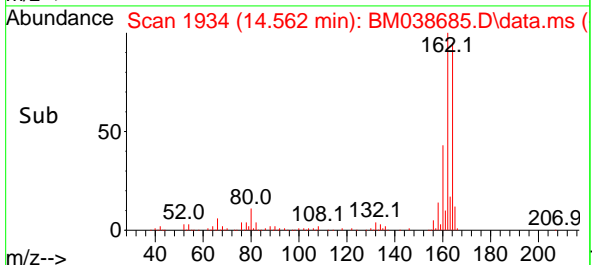
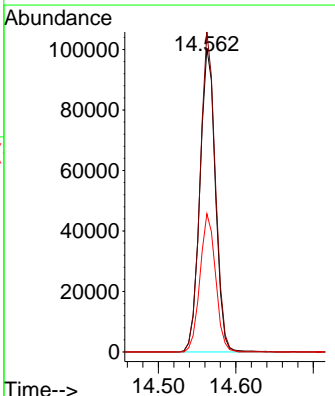
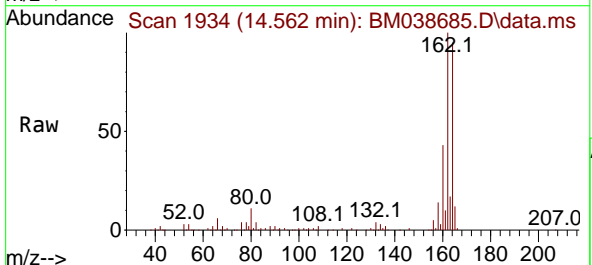
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.0	54.0
54	44.5	36.8	55.2

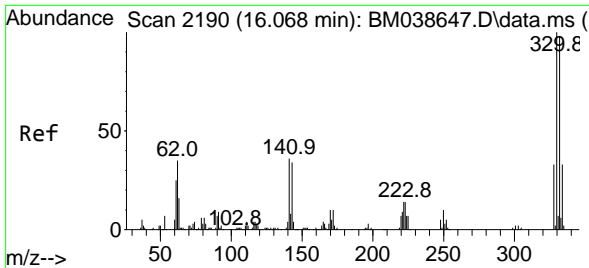


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.562 min Scan# 1934  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Tgt Ion: 164 Resp: 139242

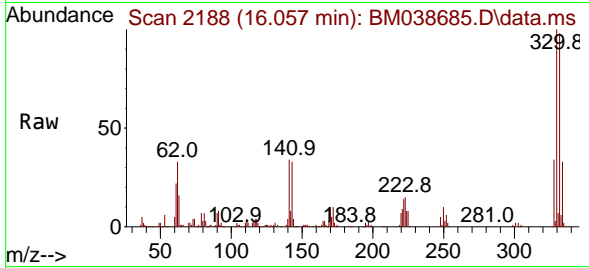
Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.4	122.0
160	45.5	36.5	54.7



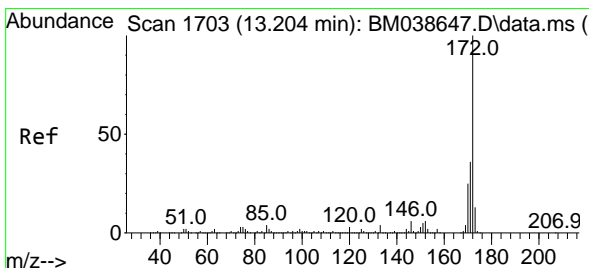
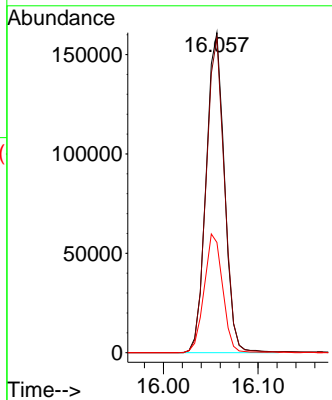
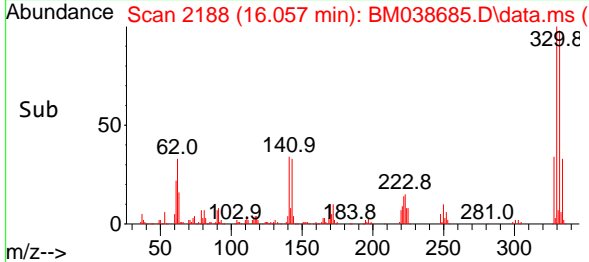


#42  
 2,4,6-Tribromophenol  
 Concen: 114.170 ng  
 RT: 16.057 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

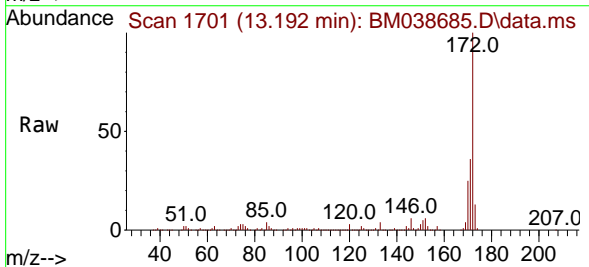
Instrument :  
 BNA\_M  
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 SASP2-123-2(30-40)



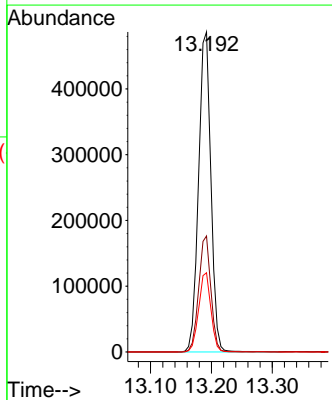
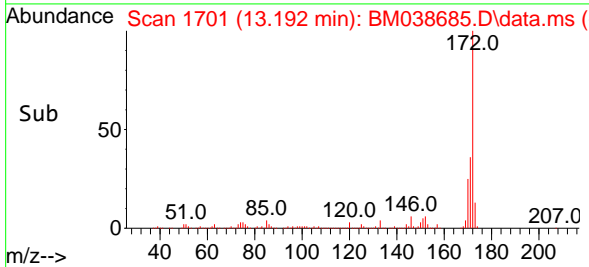
Tgt Ion:330 Resp: 216078  
 Ion Ratio Lower Upper  
 330 100  
 332 98.6 77.8 116.6  
 141 37.5 31.0 46.6

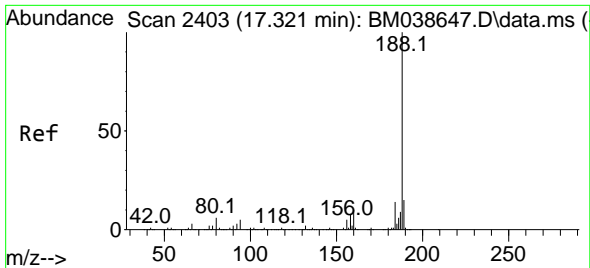


#45  
 2-Fluorobiphenyl  
 Concen: 62.531 ng  
 RT: 13.192 min Scan# 1701  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47



Tgt Ion:172 Resp: 683921  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.7 43.1  
 170 24.8 20.0 30.0



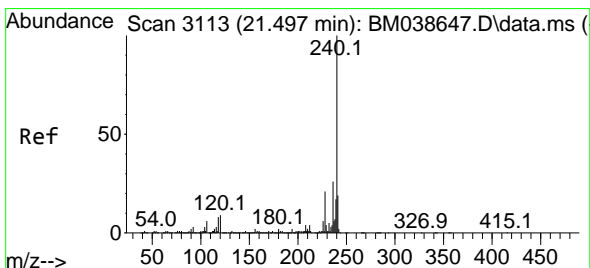
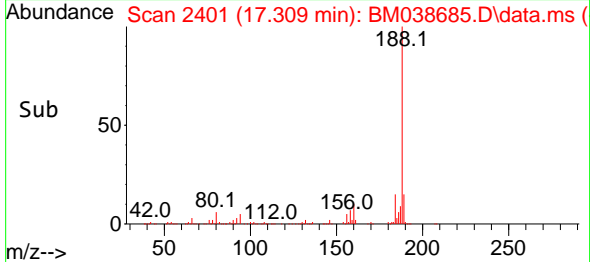
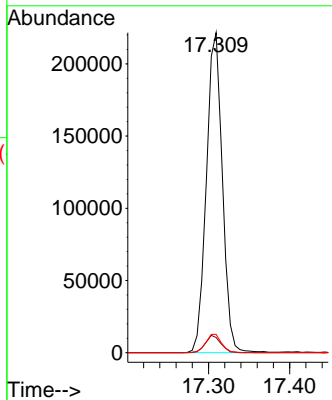
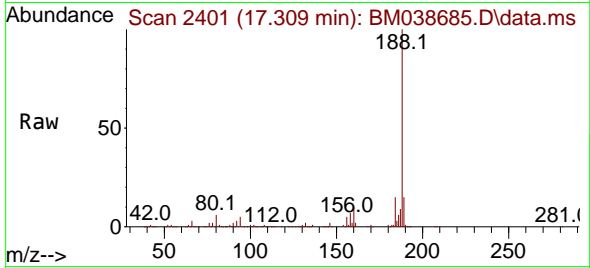


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.309 min Scan# 2401  
 Delta R.T. -0.000 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(30-40)

Tgt Ion:188 Resp: 302374

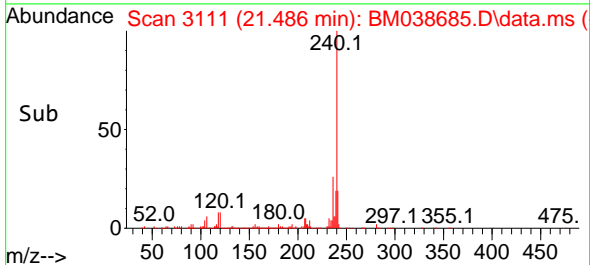
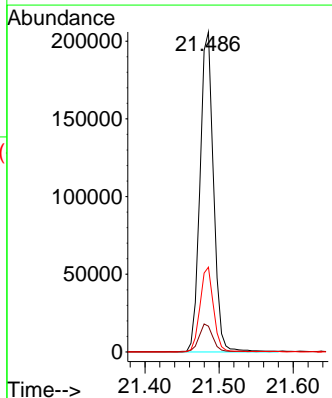
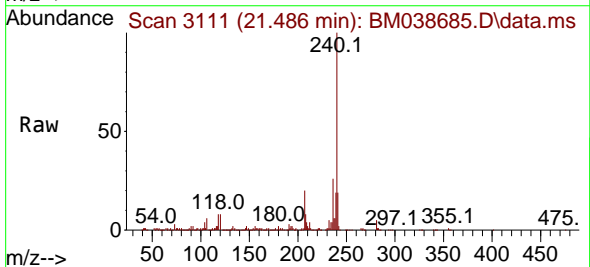
Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.2	6.4
80	5.7	4.6	7.0

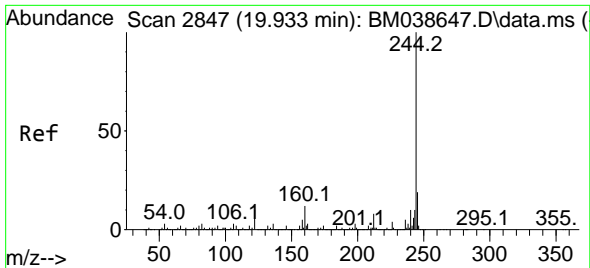


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.486 min Scan# 3111  
 Delta R.T. -0.006 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Tgt Ion:240 Resp: 260949

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.4
236	26.5	20.9	31.3



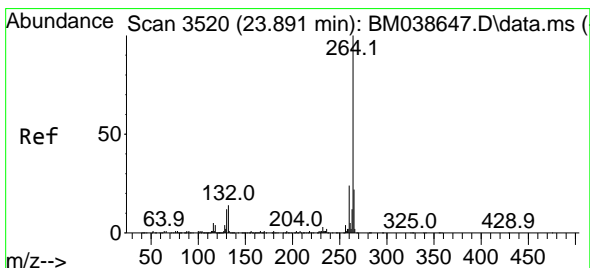
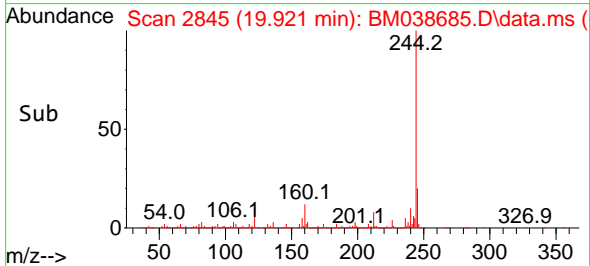
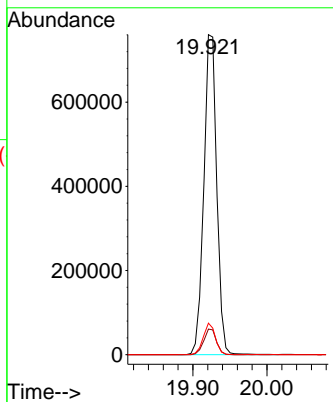
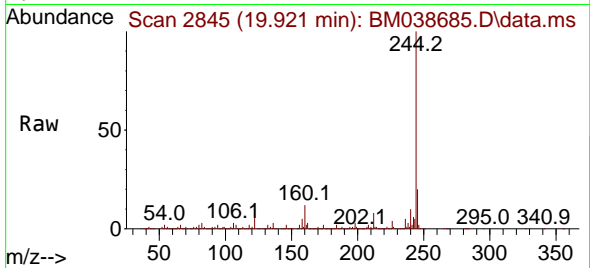


#79  
 Terphenyl-d14  
 Concen: 62.322 ng  
 RT: 19.921 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(30-40)

Tgt Ion:244 Resp: 921577

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	9.8	7.8	11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.880 min Scan# 3518  
 Delta R.T. -0.006 min  
 Lab File: BM038685.D  
 Acq: 03 Feb 2023 18:47

Tgt Ion:264 Resp: 328922

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.3	17.9	26.9

