

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038777.D
 Acq On : 17 Feb 2023 16:24
 Operator : CG/JU
 Sample : PB150890BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL

Quant Time: Feb 17 17:37:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

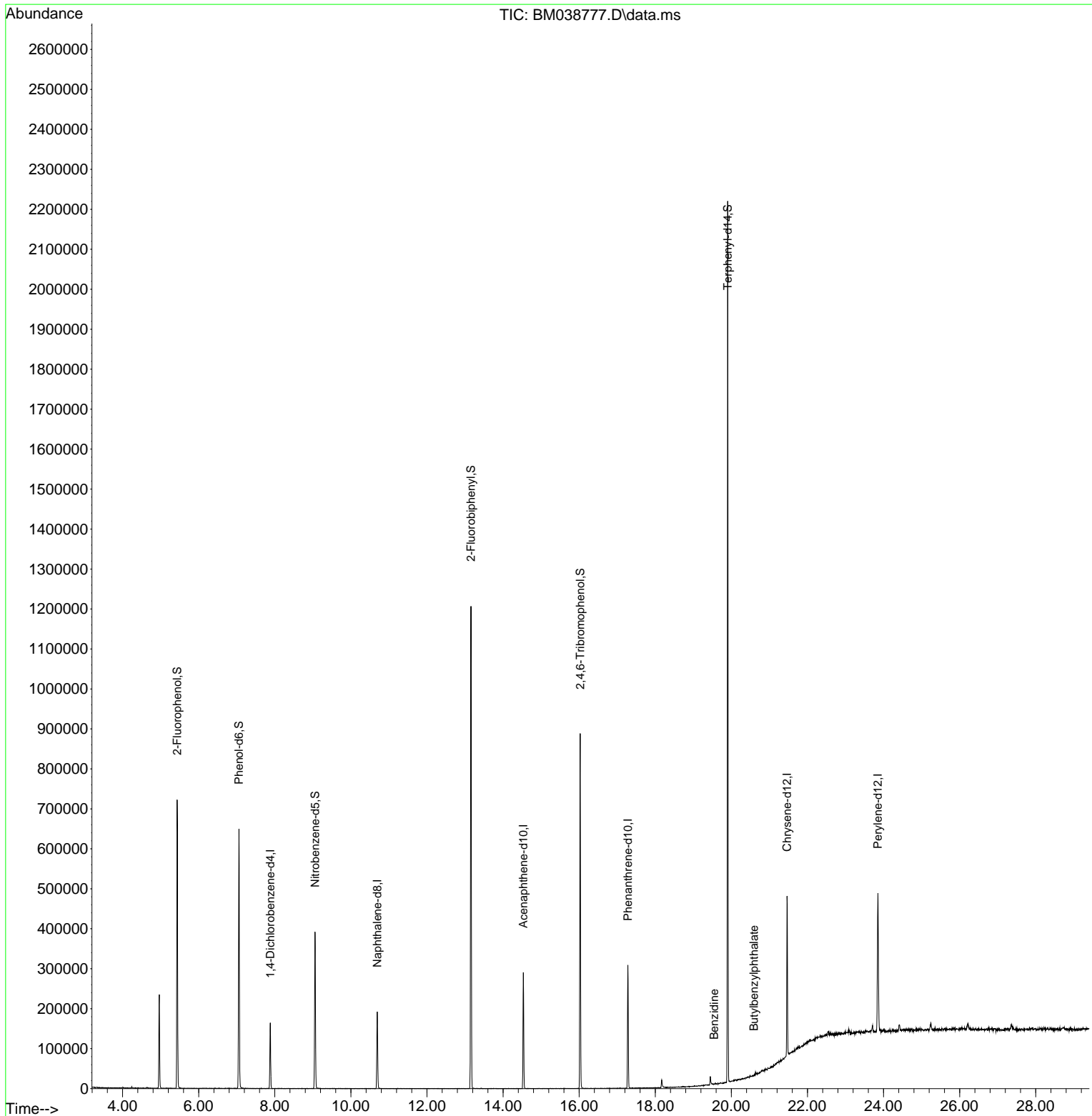
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	45746	20.000	ng	-0.04
21) Naphthalene-d8	10.692	136	158895	20.000	ng	-0.04
39) Acenaphthene-d10	14.533	164	95193	20.000	ng	-0.03
64) Phenanthrene-d10	17.280	188	178871	20.000	ng	#-0.02
76) Chrysene-d12	21.462	240	166814	20.000	ng	-0.02
86) Perylene-d12	23.850	264	230330	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	319088	136.638	ng	-0.03
7) Phenol-d6	7.057	99	360899	135.501	ng	-0.03
23) Nitrobenzene-d5	9.057	82	210968	75.415	ng	-0.04
42) 2,4,6-Tribromophenol	16.027	330	148802	115.004	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	582491	77.902	ng	-0.03
79) Terphenyl-d14	19.903	244	834510	88.280	ng	-0.02
Target Compounds						
77) Benzidine	19.550	184	466	3.201	ng	# 68
80) Butylbenzylphthalate	20.597	149	713	2.052	ng	# 31

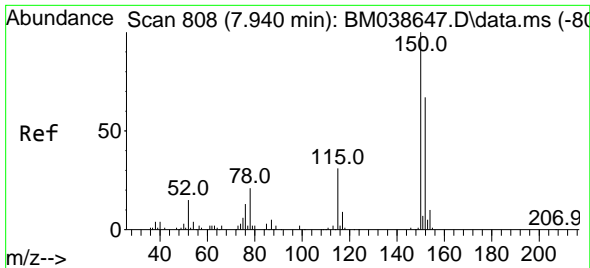
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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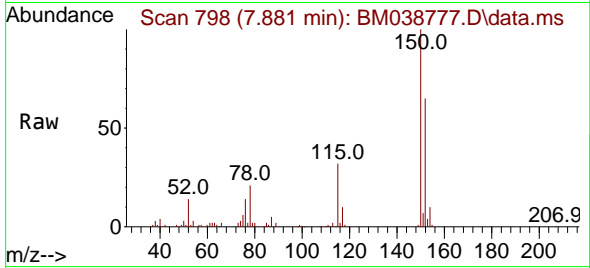
Quant Time: Feb 17 17:37:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
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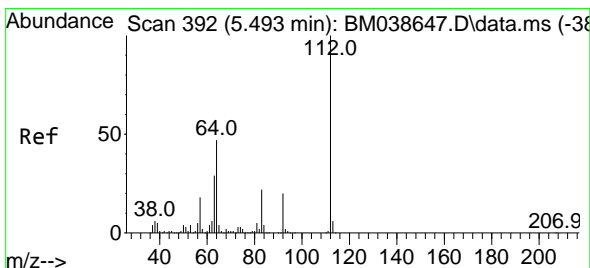
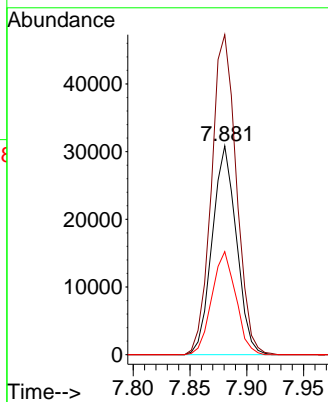
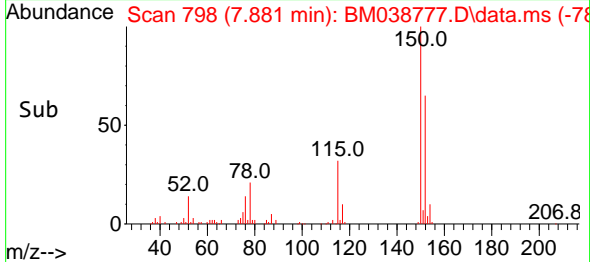


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.881 min Scan# 71
 Delta R.T. -0.035 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

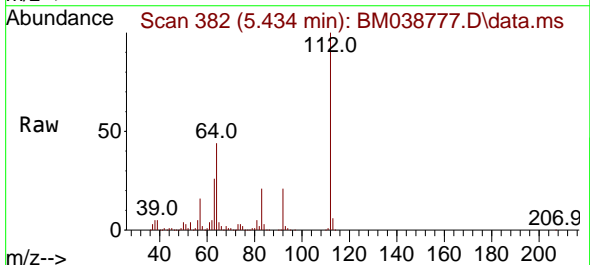
Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL



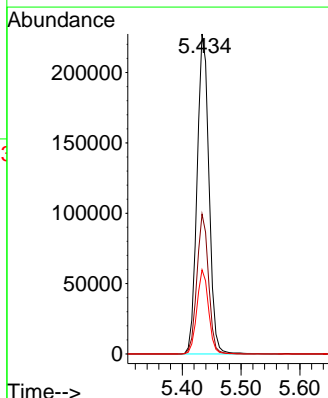
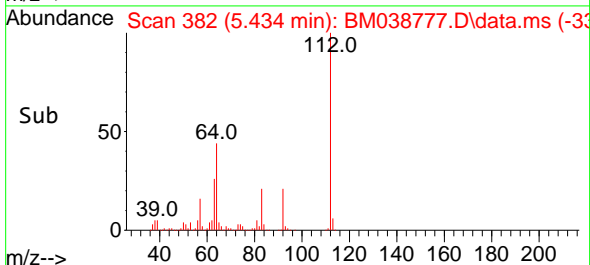
Tgt Ion:152 Resp: 45746
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.5 179.3
 115 49.3 37.6 56.4

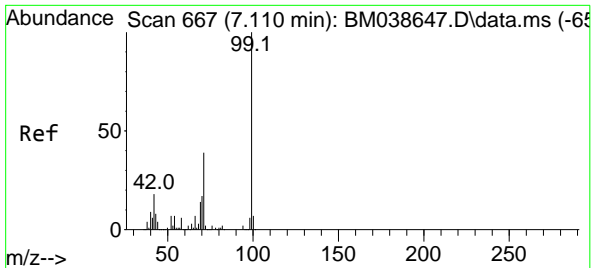


#5
 2-Fluorophenol
 Concen: 136.638 ng
 RT: 5.434 min Scan# 382
 Delta R.T. -0.030 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24



Tgt Ion:112 Resp: 319088
 Ion Ratio Lower Upper
 112 100
 64 43.7 37.9 56.9
 63 26.3 23.3 34.9



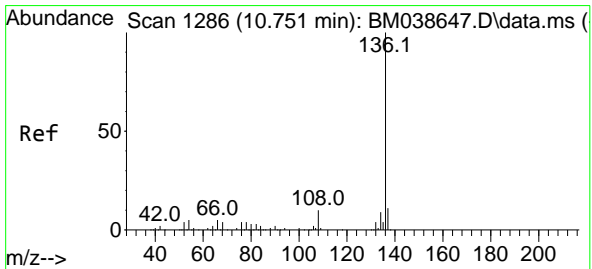
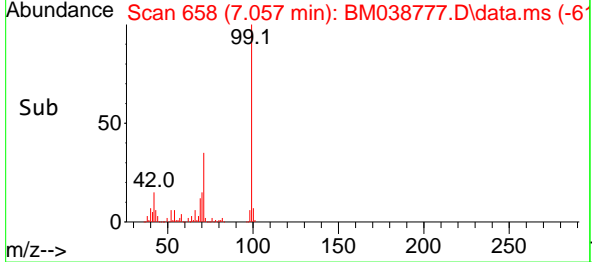
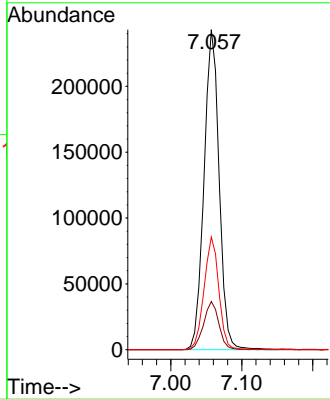
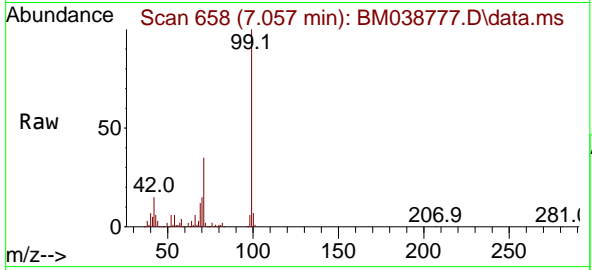


#7
 Phenol-d6
 Concen: 135.501 ng
 RT: 7.057 min Scan# 61
 Delta R.T. -0.030 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL

Tgt Ion: 99 Resp: 360899

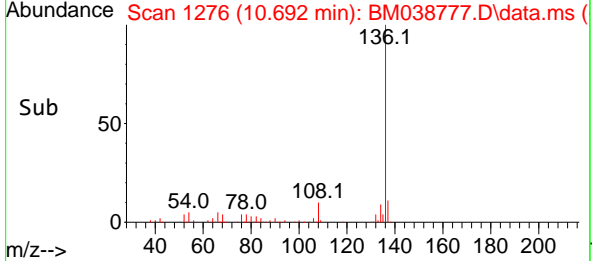
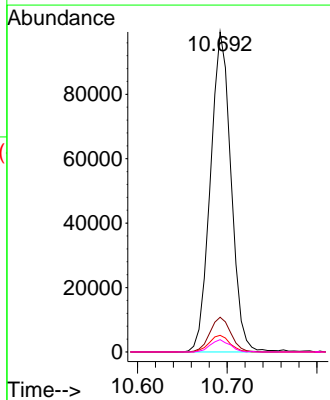
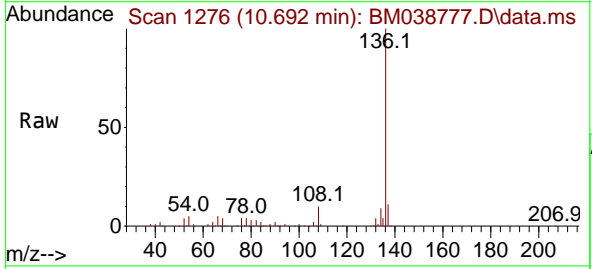
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.6	22.0
71	35.2	31.0	46.4

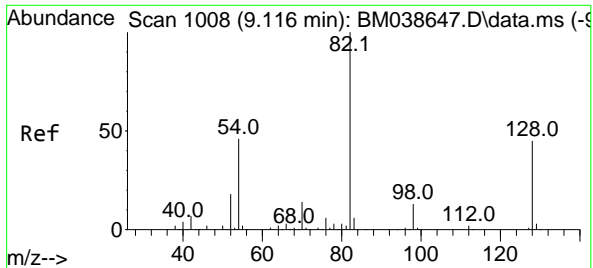


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.692 min Scan# 1276
 Delta R.T. -0.036 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion: 136 Resp: 158895

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.2	4.2	6.4
68	3.8	2.9	4.3



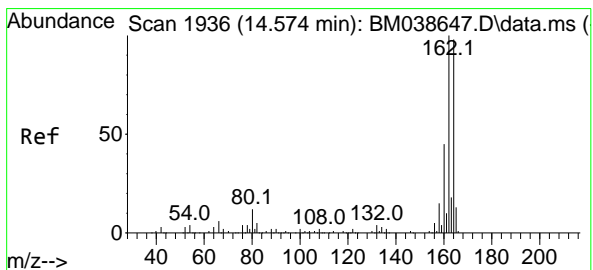
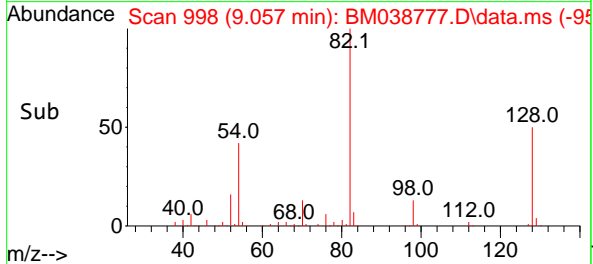
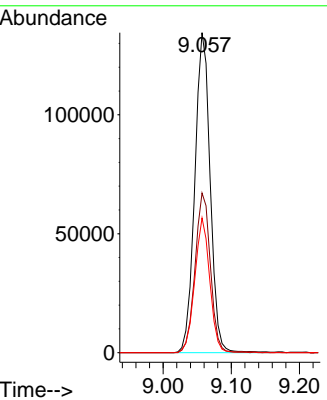
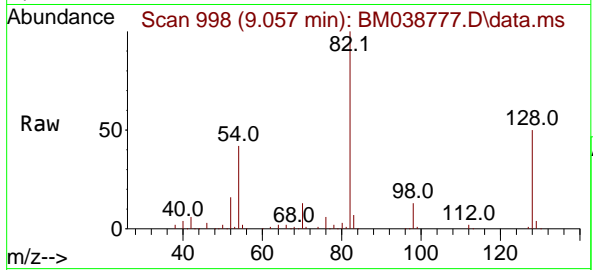


#23
 Nitrobenzene-d5
 Concen: 75.415 ng
 RT: 9.057 min Scan# 91
 Delta R.T. -0.036 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Instrument : BNA_M
 ClientSampleId : PB150890BL

Tgt Ion: 82 Resp: 210968

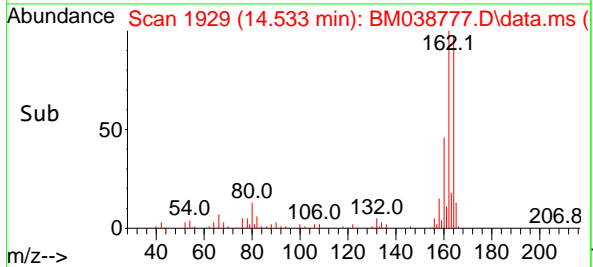
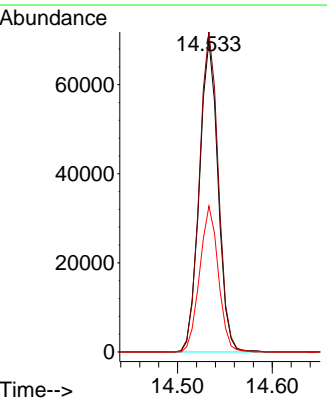
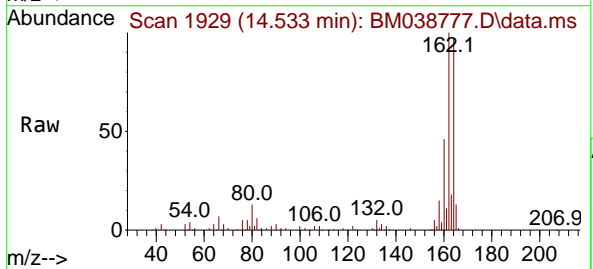
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.0	54.0
54	42.1	36.8	55.2

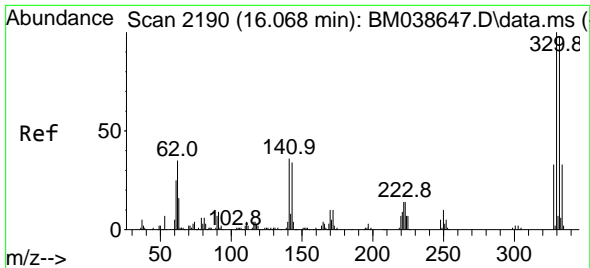


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.533 min Scan# 1929
 Delta R.T. -0.030 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion: 164 Resp: 95193

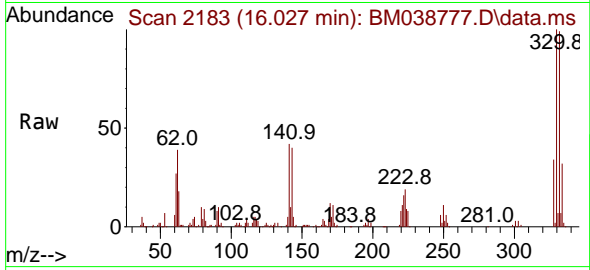
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	46.9	36.5	54.7



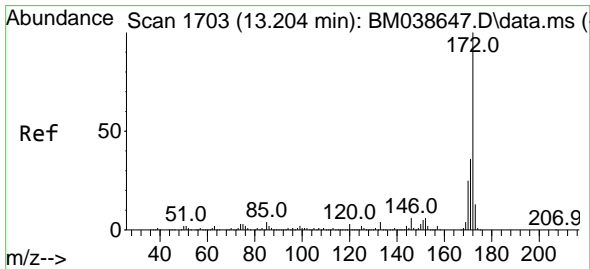
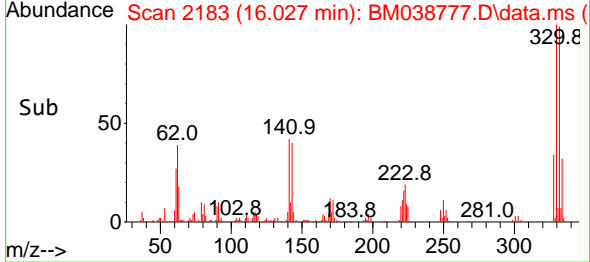
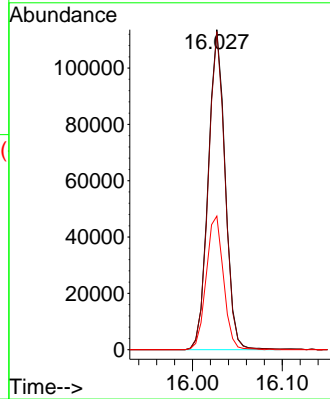


#42
 2,4,6-Tribromophenol
 Concen: 115.004 ng
 RT: 16.027 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

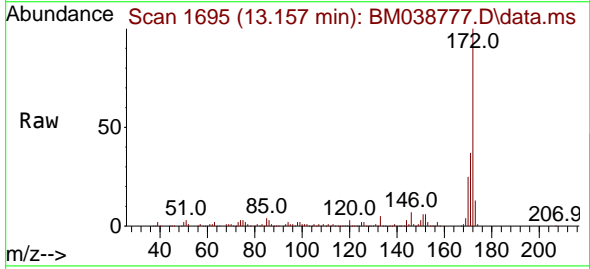
Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL



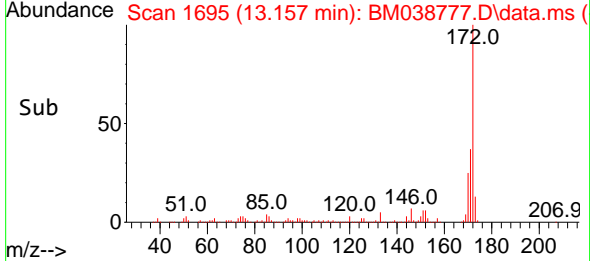
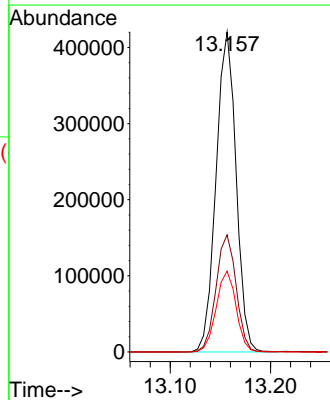
Tgt Ion:330 Resp: 148802
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 42.6 31.0 46.6

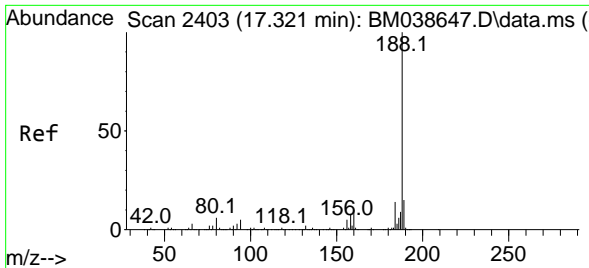


#45
 2-Fluorobiphenyl
 Concen: 77.902 ng
 RT: 13.157 min Scan# 1695
 Delta R.T. -0.030 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24



Tgt Ion:172 Resp: 582491
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.7 43.1
 170 25.2 20.0 30.0



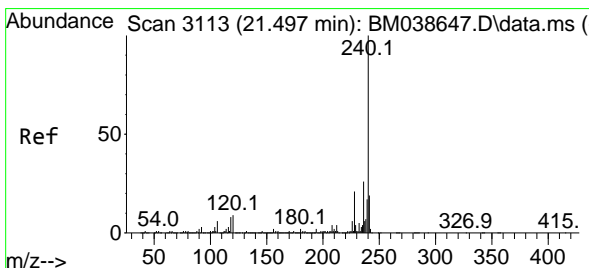
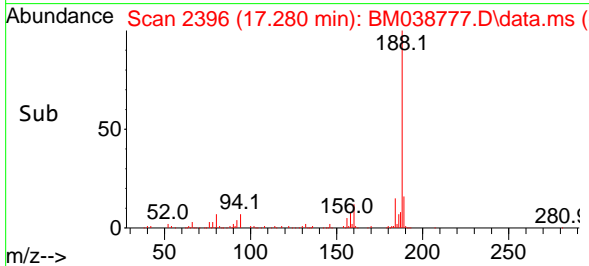
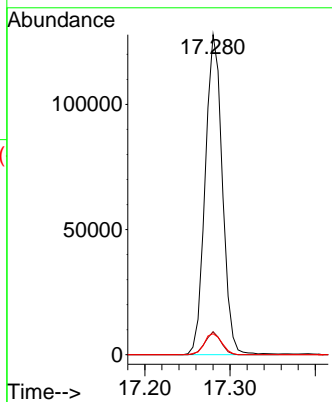
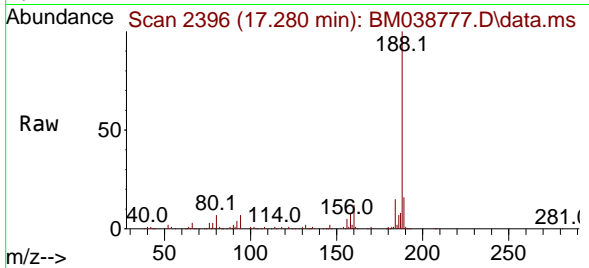


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.280 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL

Tgt Ion:188 Resp: 178871

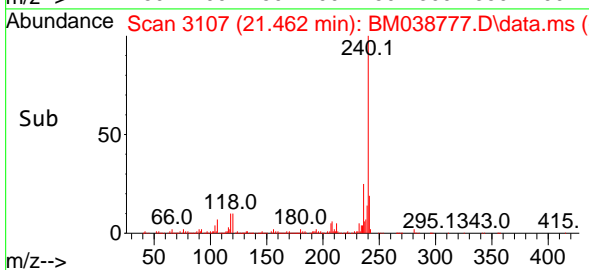
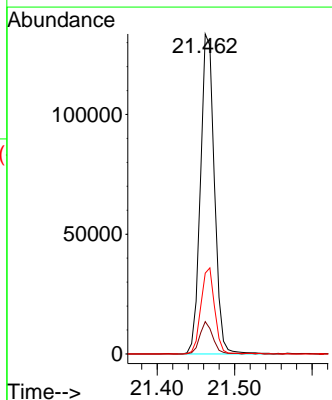
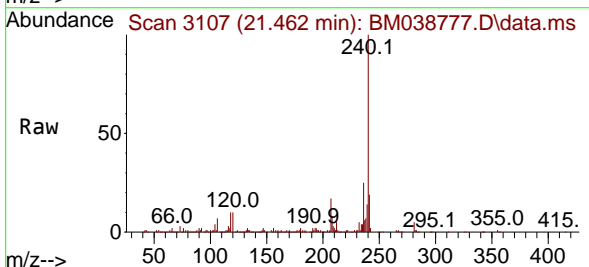
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.2	6.4#
80	6.6	4.6	7.0

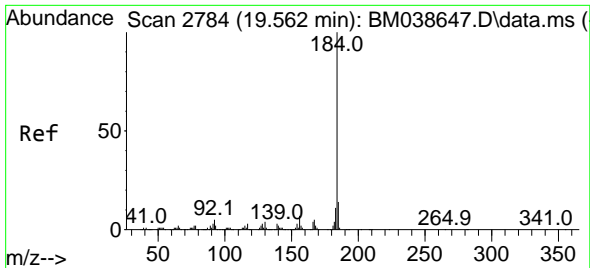


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.462 min Scan# 3107
 Delta R.T. -0.024 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion:240 Resp: 166814

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.0	10.4
236	25.3	20.9	31.3

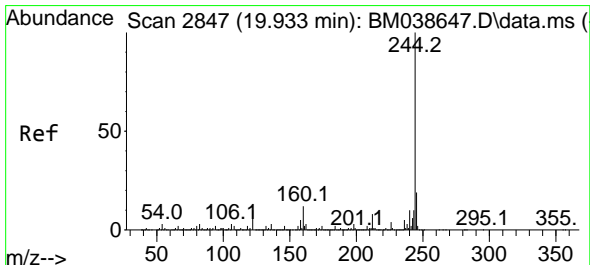
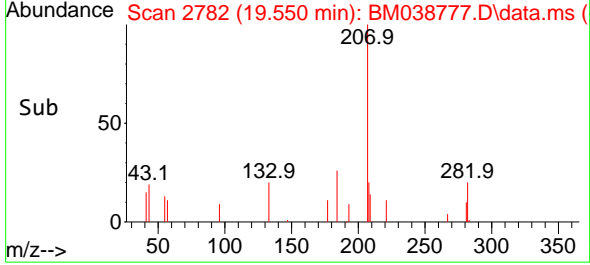
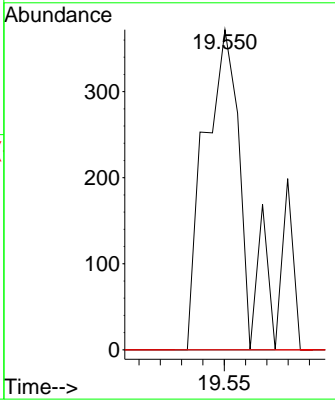
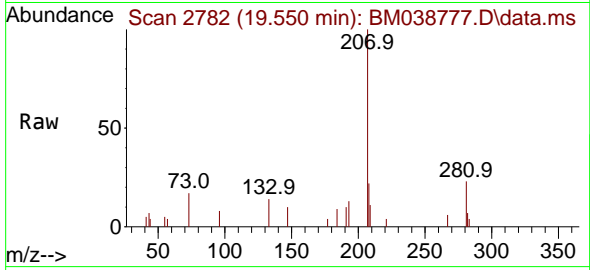




#77
 Benzidine
 Concen: 3.201 ng
 RT: 19.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

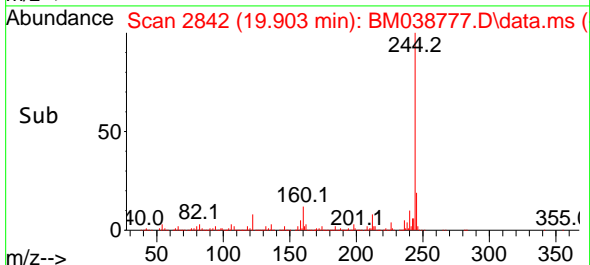
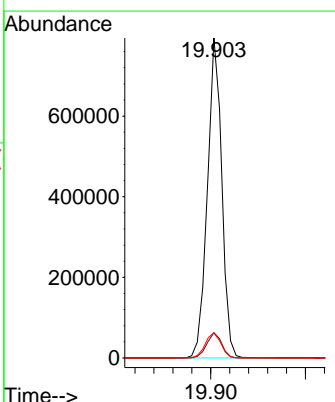
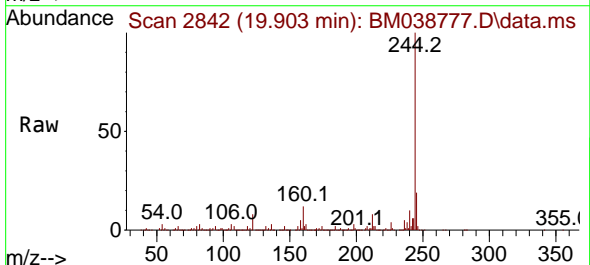
Instrument : BNA_M
 ClientSampleId : PB150890BL

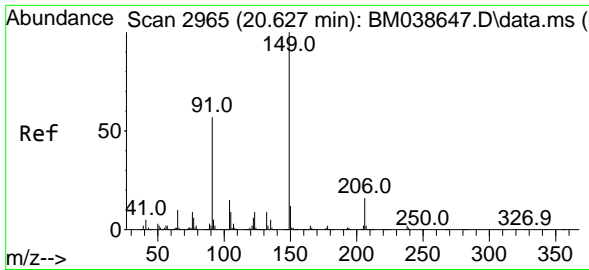
Tgt Ion	Resp	Lower	Upper
184	100		
185	0.0	10.8	16.2#
183	0.0	8.8	13.2#



#79
 Terphenyl-d14
 Concen: 88.280 ng
 RT: 19.903 min Scan# 2842
 Delta R.T. -0.018 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	7.8	7.8	11.8



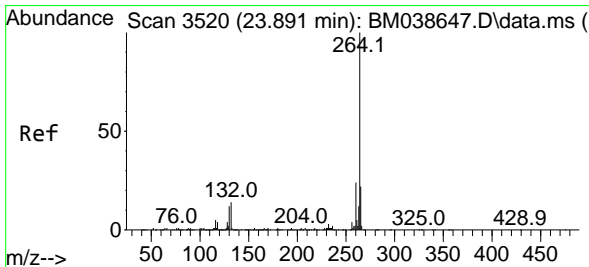
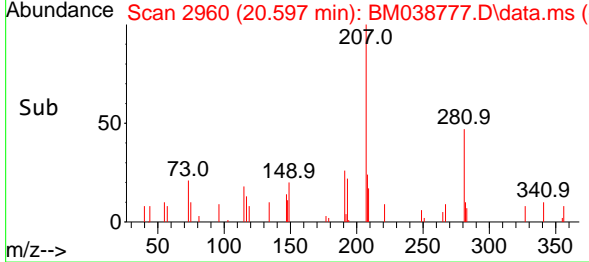
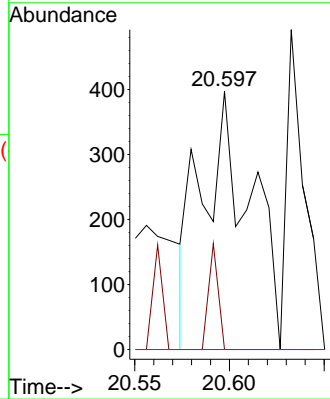
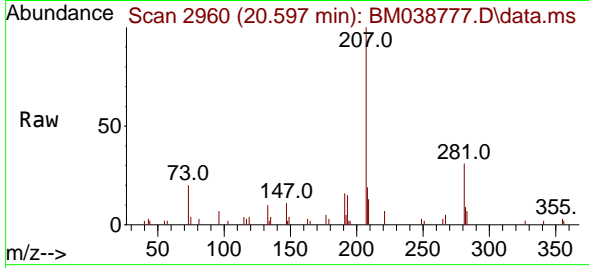


#80
 Butylbenzylphthalate
 Concen: 2.052 ng
 RT: 20.597 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BL

Tgt Ion:149 Resp: 713

Ion	Ratio	Lower	Upper
149	100		
91	0.0	45.6	68.4#
206	0.0	12.5	18.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3513
 Delta R.T. -0.018 min
 Lab File: BM038777.D
 Acq: 17 Feb 2023 16:24

Tgt Ion:264 Resp: 230330

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.6	29.4
265	23.4	17.9	26.9

