

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059805.D
 Acq On : 21 Nov 2023 23:47
 Operator : MA/JU
 Sample : 05379-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Quant Time: Nov 22 00:34:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	23537	20.000	ng	# 0.00
21) Naphthalene-d8	11.186	136	123401	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	106515	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	247194	20.000	ng	0.00
76) Chrysene-d12	22.038	240	196429	20.000	ng	-0.01
86) Perylene-d12	25.628	264	225946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	186169	133.130	ng	0.00
7) Phenol-d6	7.461	99	257333	124.178	ng	0.00
23) Nitrobenzene-d5	9.535	82	265011	82.020	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	238928	197.699	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	815728	103.085	ng	0.00
79) Terphenyl-d14	20.293	244	1643077	123.484	ng	0.00

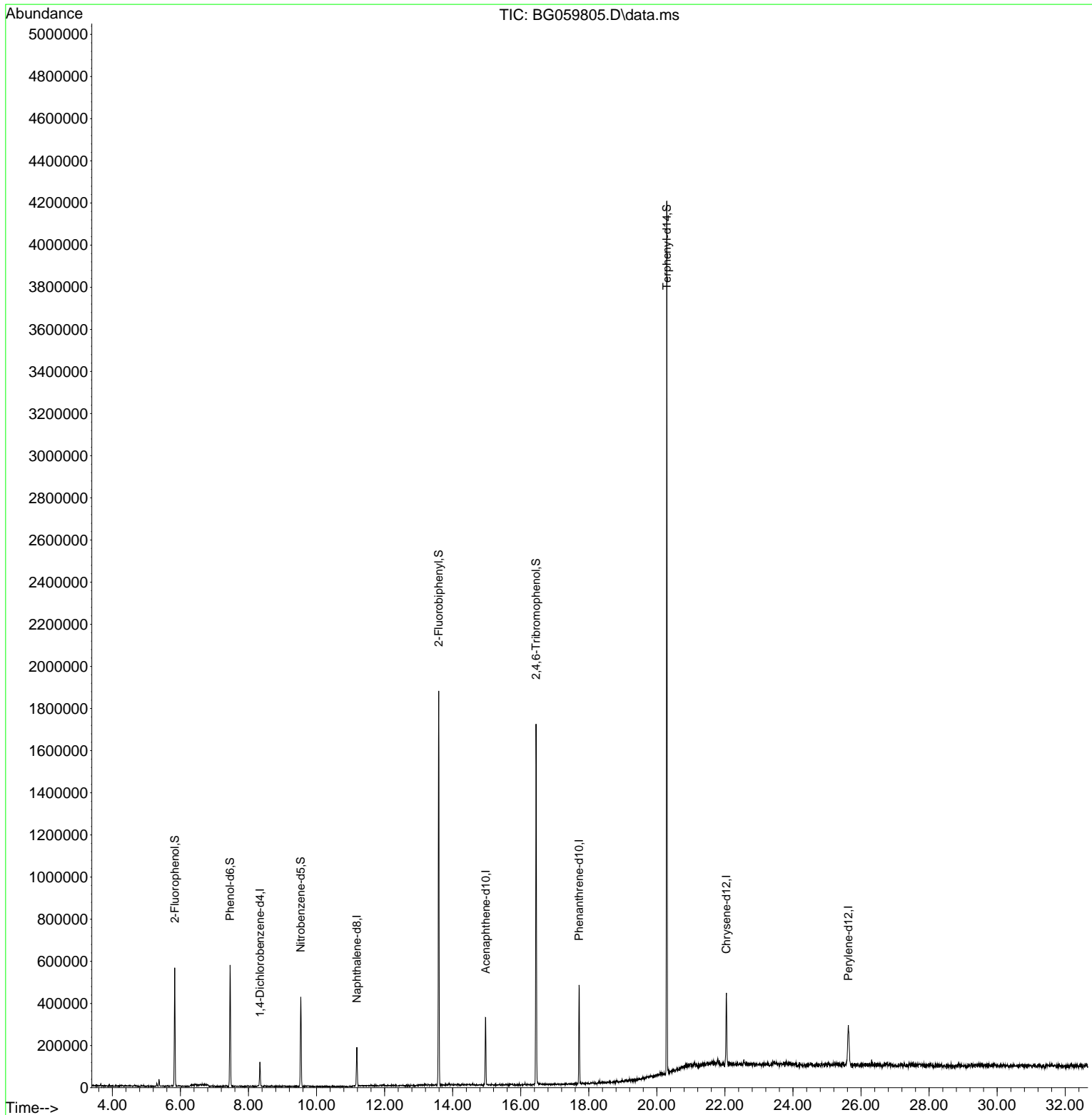
Target Compounds Qvalue

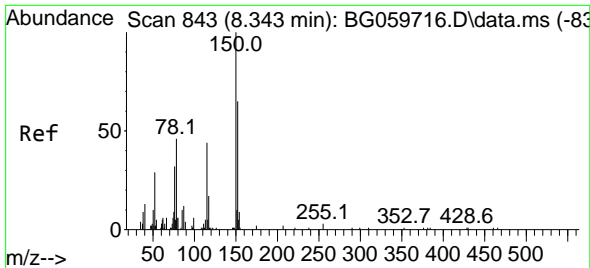
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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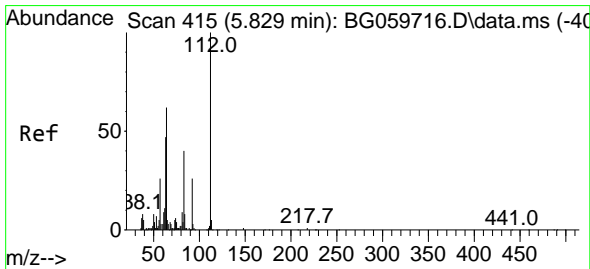
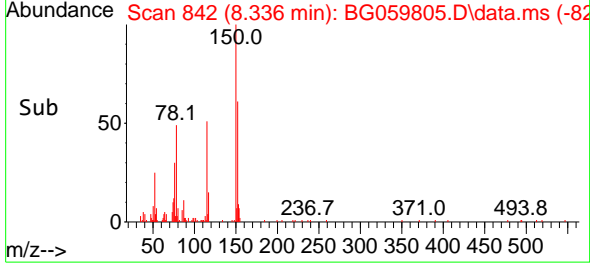
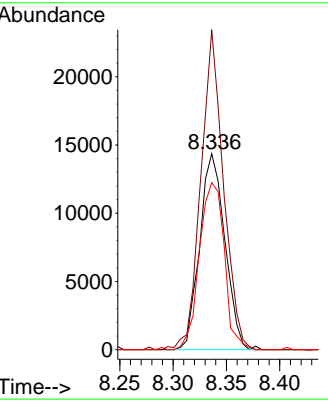
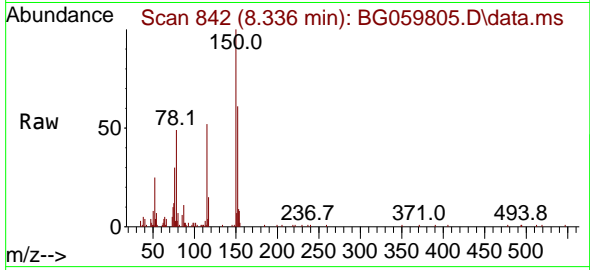




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.336 min Scan# 84
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

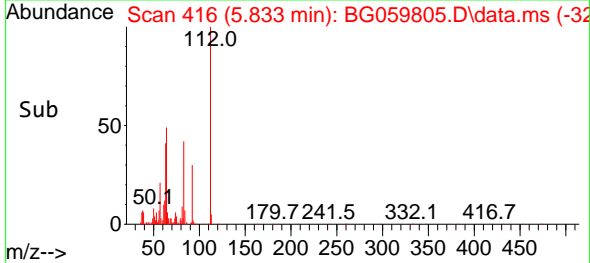
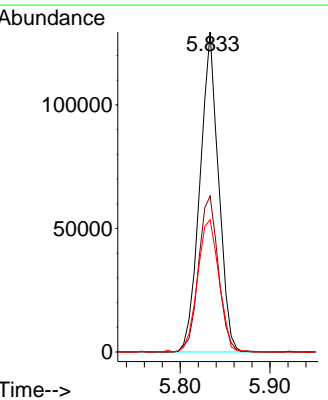
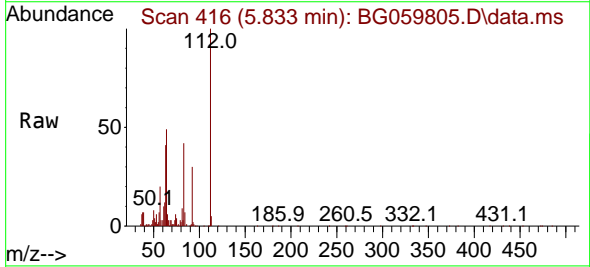
Instrument :
 BNA_G
 ClientSampleId :
 WC-9

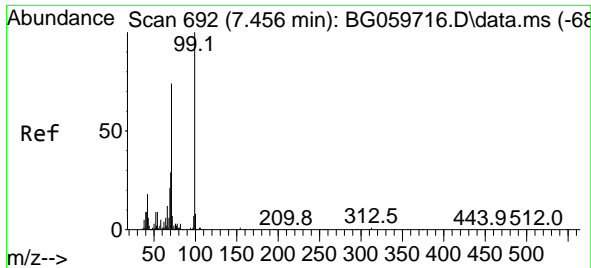
Tgt Ion	Resp	Lower	Upper
152	100		
150	163.2	122.2	183.4
115	85.2	54.2	81.4#



#5
 2-Fluorophenol
 Concen: 133.130 ng
 RT: 5.833 min Scan# 416
 Delta R.T. 0.005 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion	Resp	Lower	Upper
112	100		
64	48.7	49.5	74.3#
63	41.3	37.4	56.2



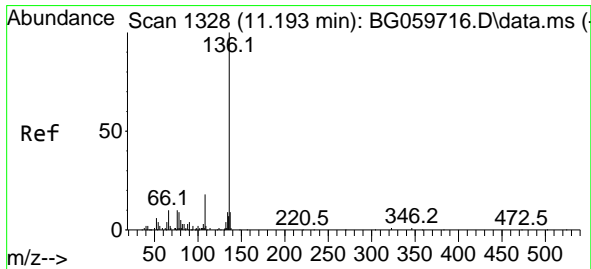
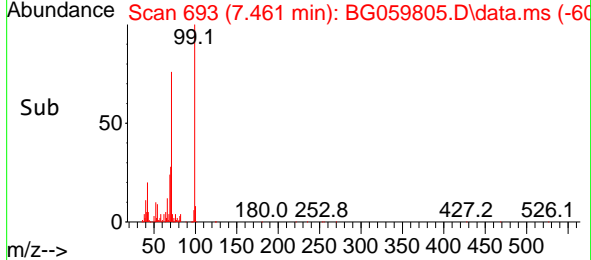
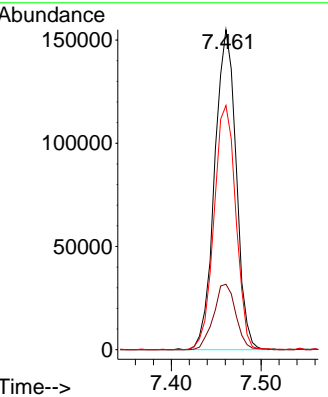
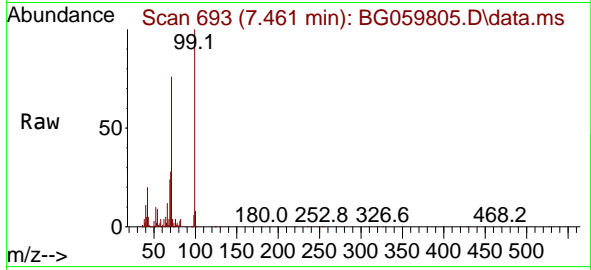


#7
 Phenol-d6
 Concen: 124.178 ng
 RT: 7.461 min Scan# 692
 Delta R.T. 0.005 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Tgt Ion: 99 Resp: 257333

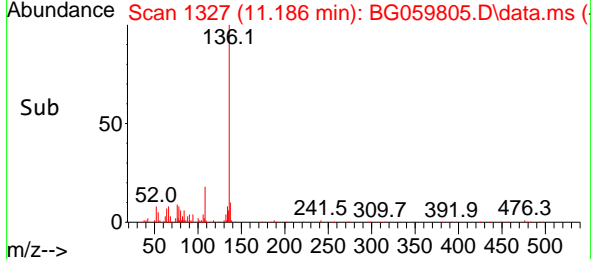
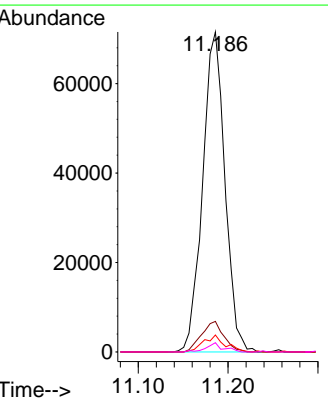
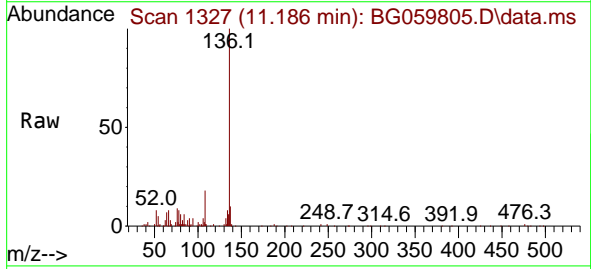
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.3	21.5
71	76.3	59.3	88.9

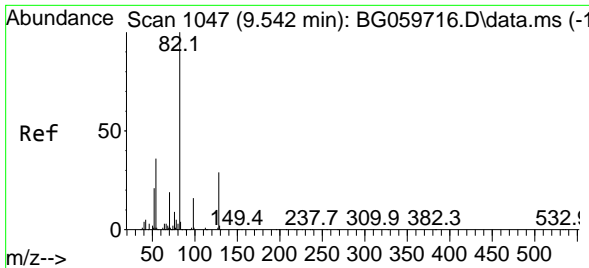


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.186 min Scan# 1327
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion: 136 Resp: 123401

Ion	Ratio	Lower	Upper
136	100		
137	9.5	7.4	11.0
54	5.3	3.1	4.7#
68	2.9	1.8	2.8#



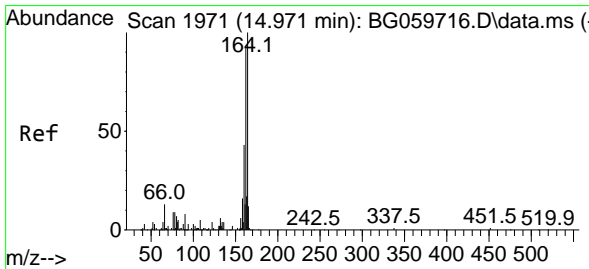
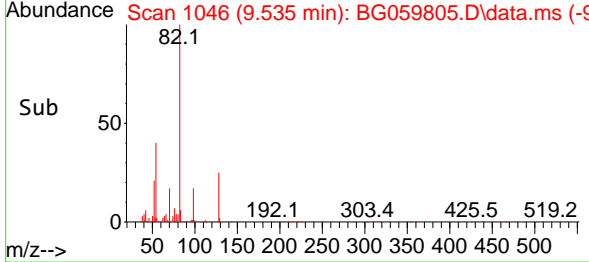
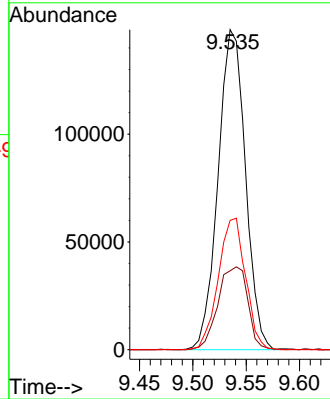
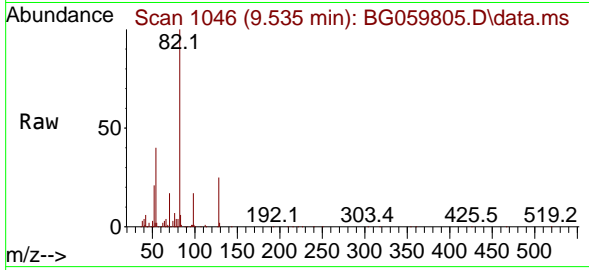


#23
 Nitrobenzene-d5
 Concen: 82.020 ng
 RT: 9.535 min Scan# 1046
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Tgt Ion: 82 Resp: 265011

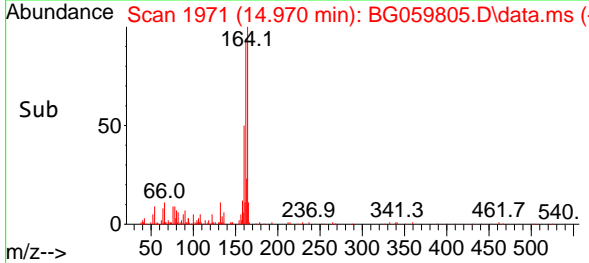
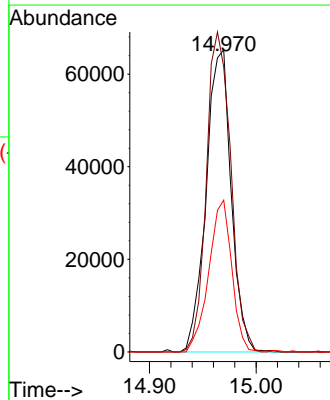
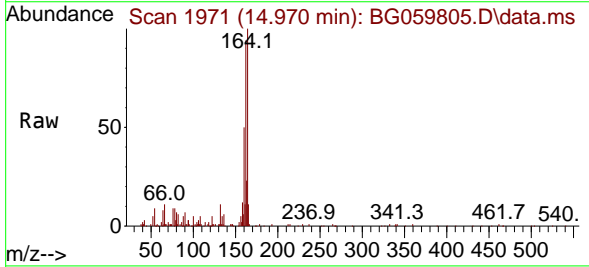
Ion	Ratio	Lower	Upper
82	100		
128	24.7	23.0	34.6
54	40.4	28.7	43.1

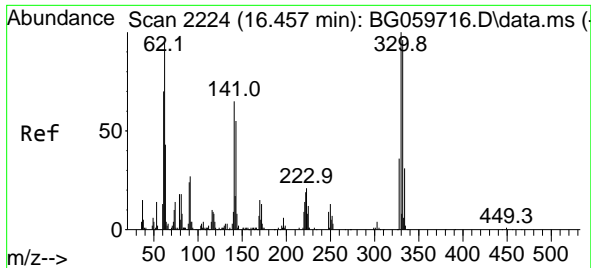


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.970 min Scan# 1971
 Delta R.T. -0.001 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion: 164 Resp: 106515

Ion	Ratio	Lower	Upper
164	100		
162	94.3	73.3	109.9
160	50.2	34.1	51.1

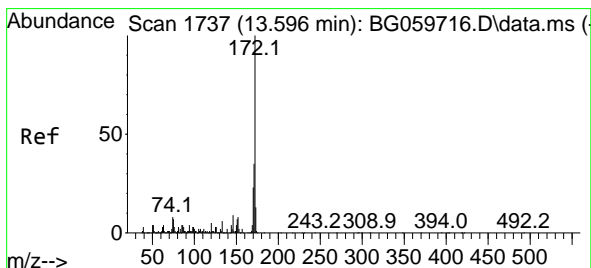
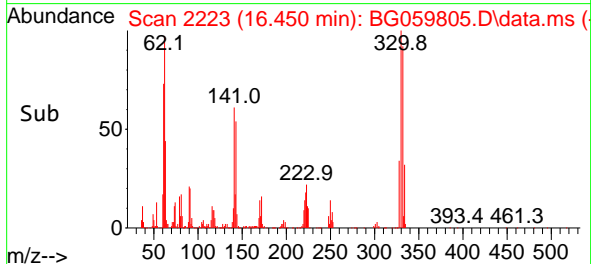
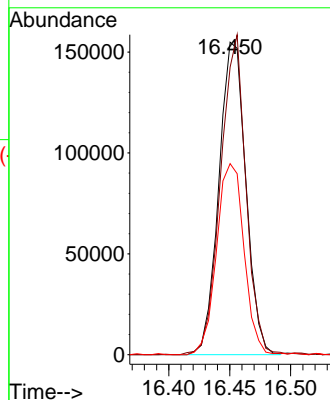
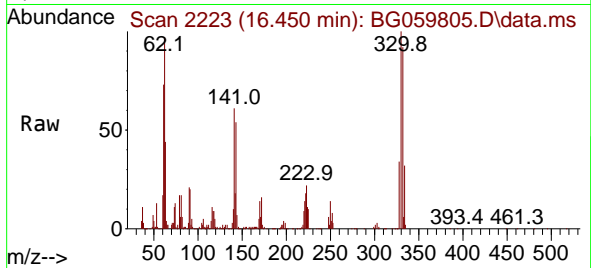




#42
 2,4,6-Tribromophenol
 Concen: 197.699 ng
 RT: 16.450 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

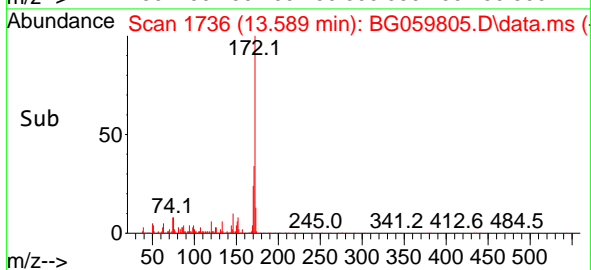
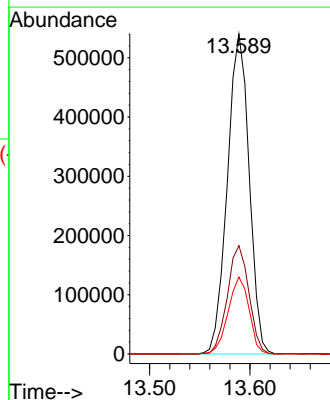
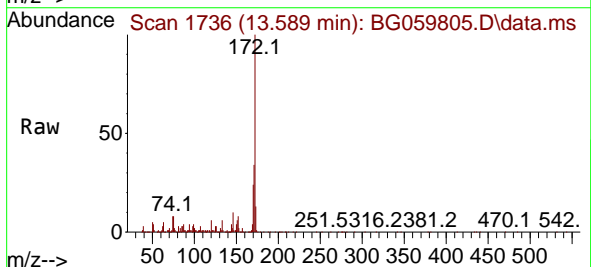
Instrument :
 BNA_G
 ClientSampleId :
 WC-9

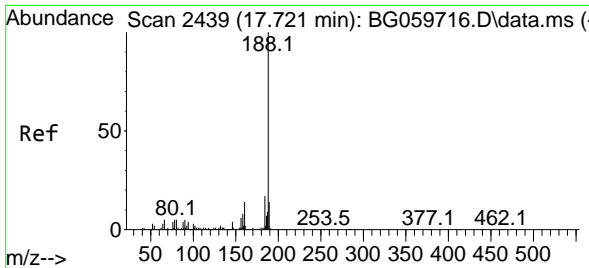
Tgt Ion:330 Resp: 238928
 Ion Ratio Lower Upper
 330 100
 332 95.9 73.3 109.9
 141 62.3 52.1 78.1



#45
 2-Fluorobiphenyl
 Concen: 103.085 ng
 RT: 13.589 min Scan# 1736
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion:172 Resp: 815728
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.7 41.5
 170 24.1 18.4 27.6



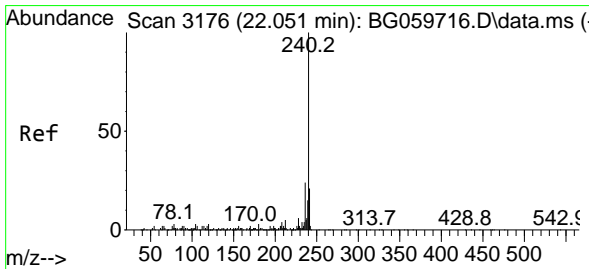
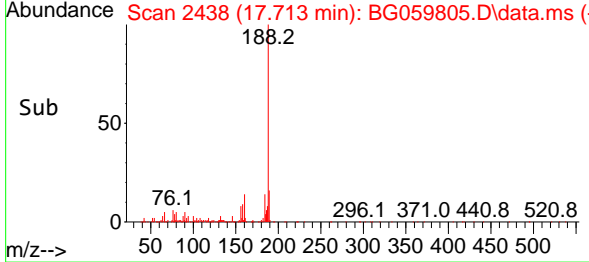
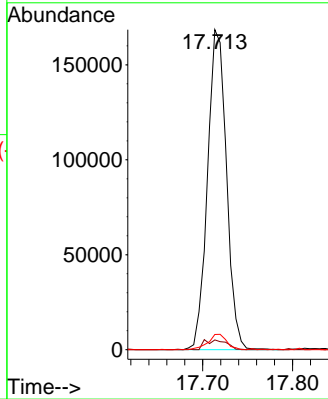
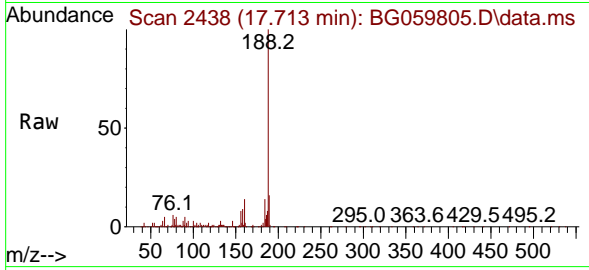


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.713 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Tgt Ion:188 Resp: 247194

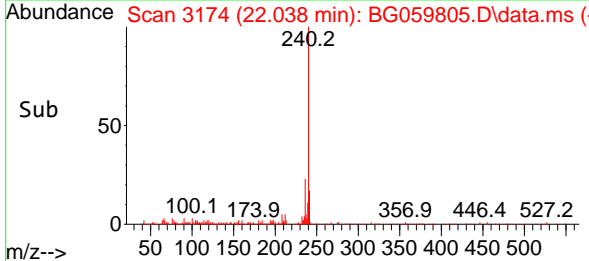
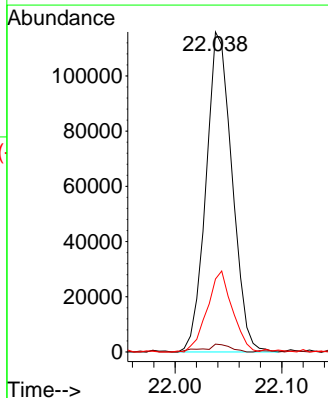
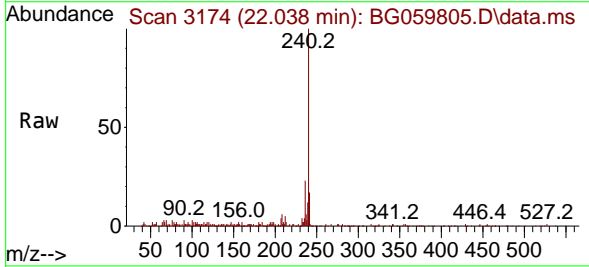
Ion	Ratio	Lower	Upper
188	100		
94	3.1	3.0	4.4
80	4.7	4.2	6.4

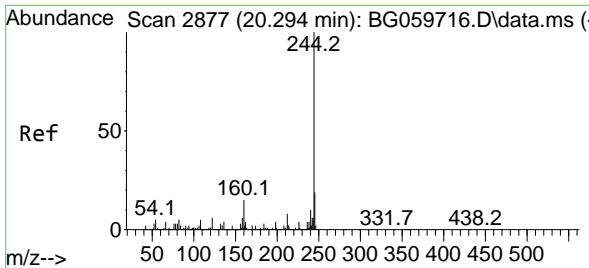


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.038 min Scan# 3174
 Delta R.T. -0.013 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion:240 Resp: 196429

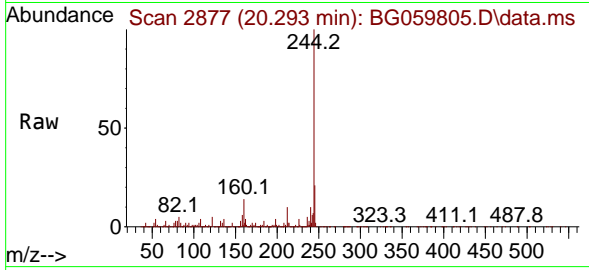
Ion	Ratio	Lower	Upper
240	100		
120	2.5	2.2	3.2
236	22.8	19.4	29.2





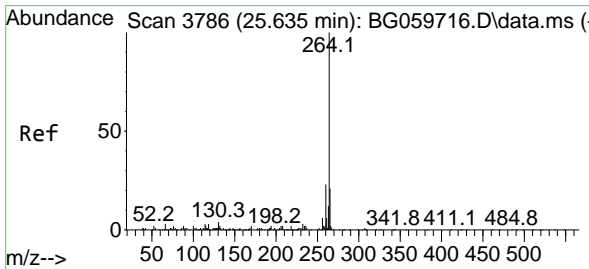
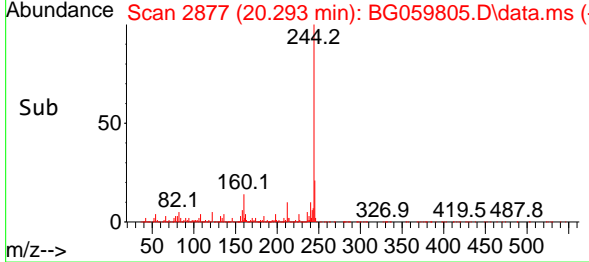
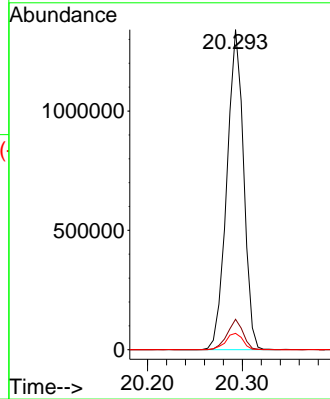
#79
 Terphenyl-d14
 Concen: 123.484 ng
 RT: 20.293 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Instrument :
 BNA_G
 ClientSampleId :
 WC-9



Tgt Ion:244 Resp: 1643077

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.6	10.0
122	5.1	4.4	6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.628 min Scan# 3785
 Delta R.T. -0.007 min
 Lab File: BG059805.D
 Acq: 21 Nov 2023 23:47

Tgt Ion:264 Resp: 225946

Ion	Ratio	Lower	Upper
264	100		
260	18.8	18.5	27.7
265	23.2	17.0	25.6

