

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057479.D
 Acq On : 19 May 2023 23:00
 Operator : CG/JU
 Sample : 02848-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP6

Quant Time: May 20 04:31:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	17189	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	68369	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	51862	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	126872	20.000	ng	0.00
76) Chrysene-d12	22.014	240	120375	20.000	ng	0.00
86) Perylene-d12	25.509	264	128015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	95156	94.697	ng	0.00
7) Phenol-d6	7.498	99	140673	92.190	ng	0.00
23) Nitrobenzene-d5	9.531	82	89765	55.105	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	69527	94.483	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	230060	59.744	ng	0.00
79) Terphenyl-d14	20.275	244	409081	55.459	ng	0.00

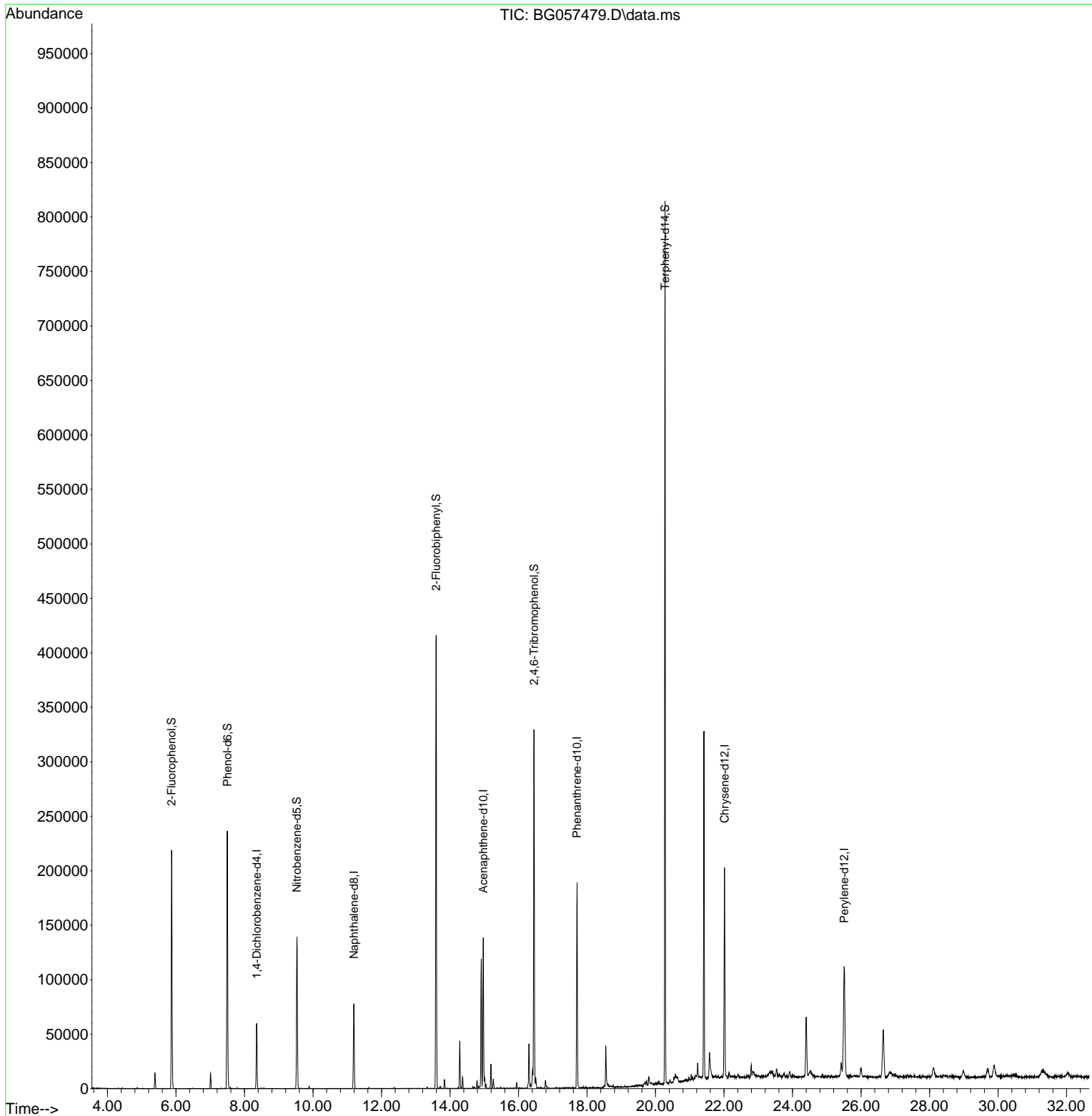
Target Compounds Qvalue

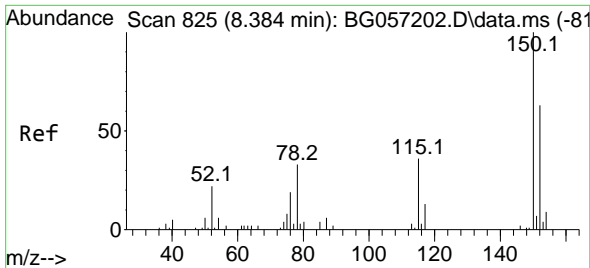
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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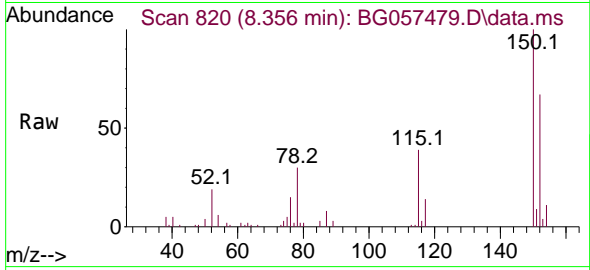
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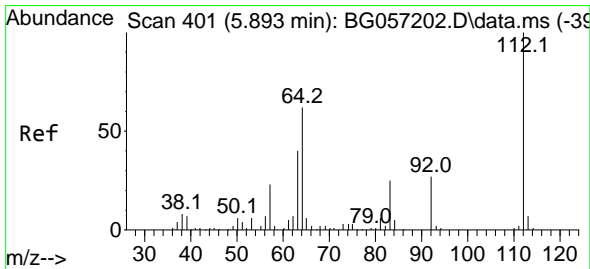
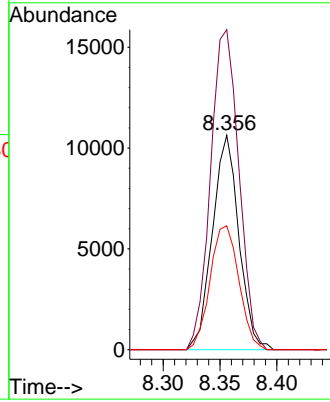
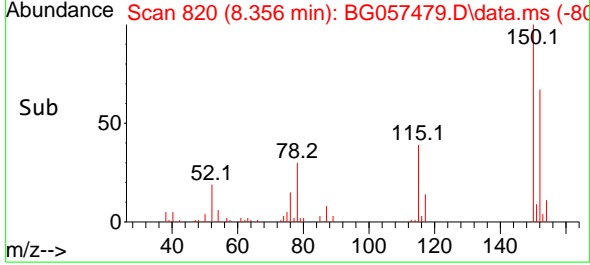


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.356 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

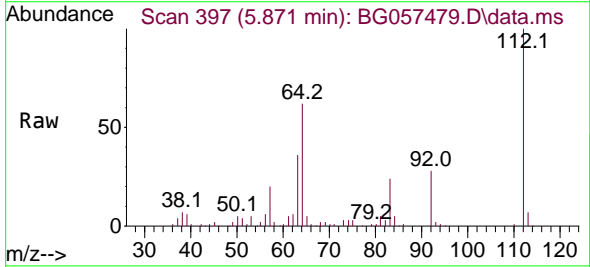
Instrument :
 BNA_G
 ClientSampleId :
 TP6



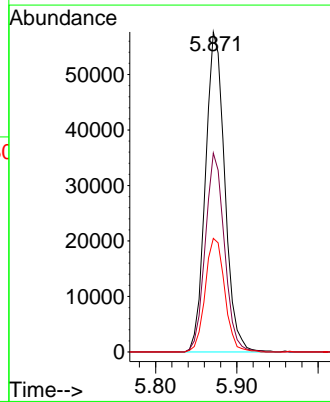
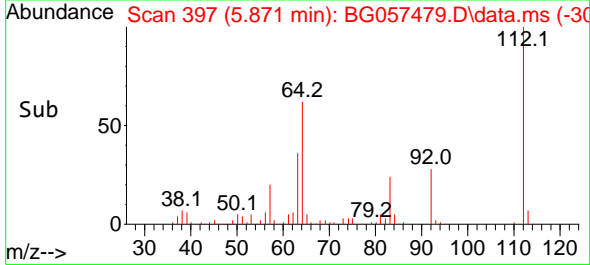
Tgt Ion:152 Resp: 17189
 Ion Ratio Lower Upper
 152 100
 150 149.3 126.2 189.4
 115 57.8 45.0 67.4

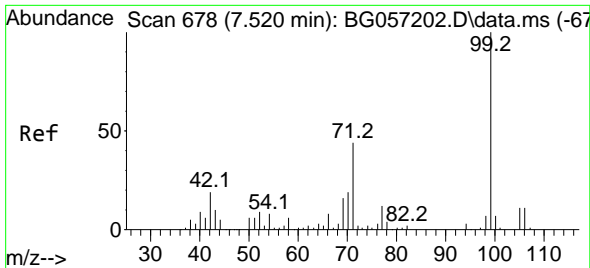


#5
 2-Fluorophenol
 Concen: 94.697 ng
 RT: 5.871 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00



Tgt Ion:112 Resp: 95156
 Ion Ratio Lower Upper
 112 100
 64 62.2 49.4 74.2
 63 35.5 31.6 47.4

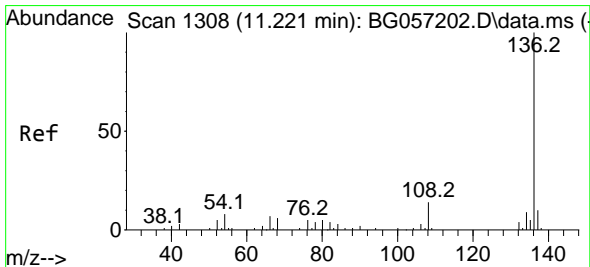
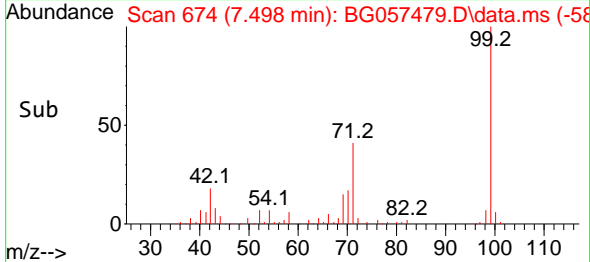
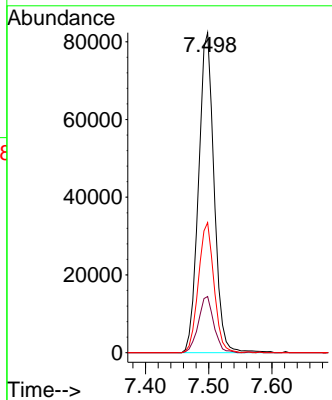
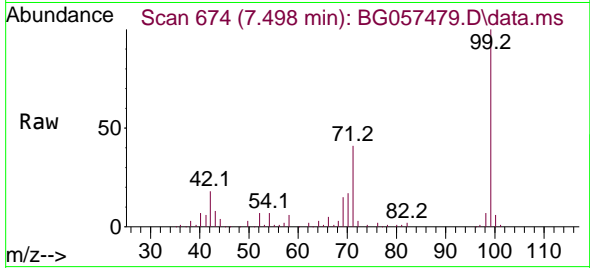




#7
 Phenol-d6
 Concen: 92.190 ng
 RT: 7.498 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

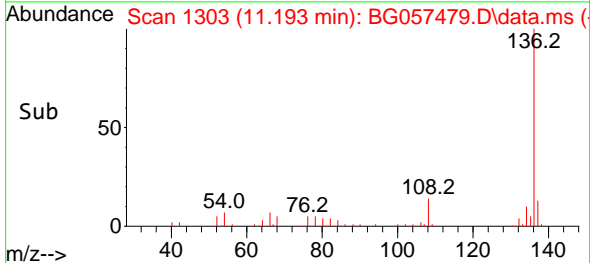
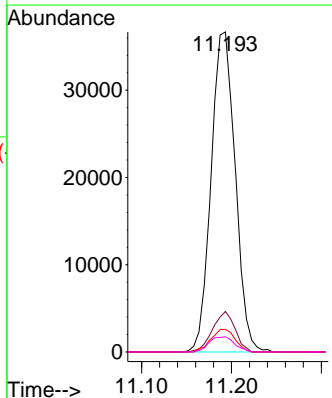
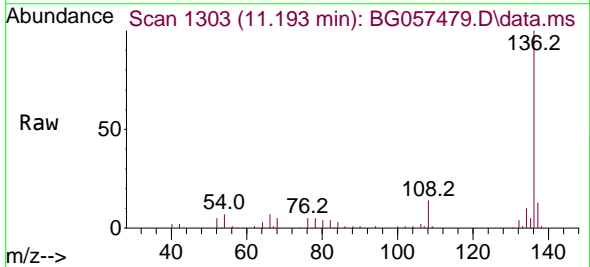
Instrument :
 BNA_G
 ClientSampleId :
 TP6

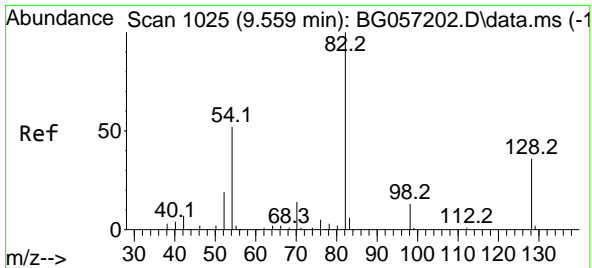
Tgt Ion	Resp	Lower	Upper
99	140673		
42	17.6	15.1	22.7
71	40.6	35.2	52.8



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.193 min Scan# 1303
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

Tgt Ion	Resp	Lower	Upper
136	68369		
137	12.6	8.3	12.5
54	7.0	6.7	10.1
68	4.8	4.6	6.8

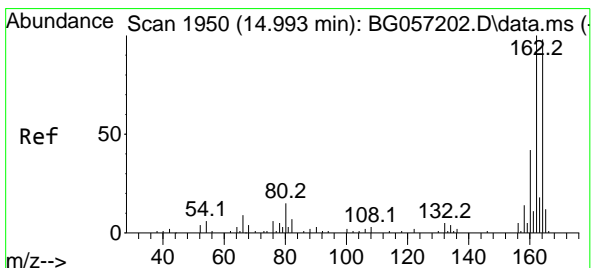
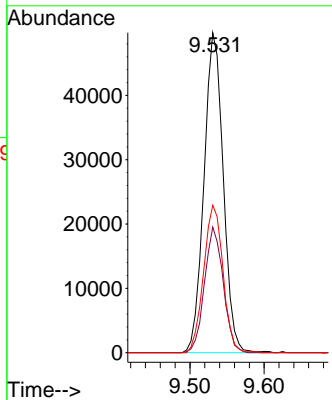
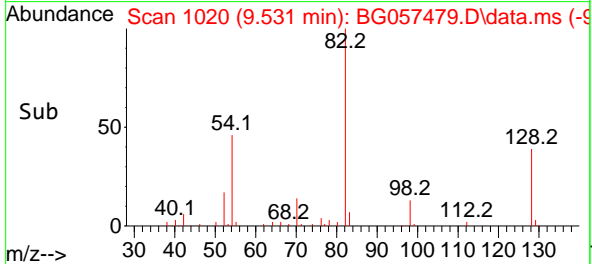
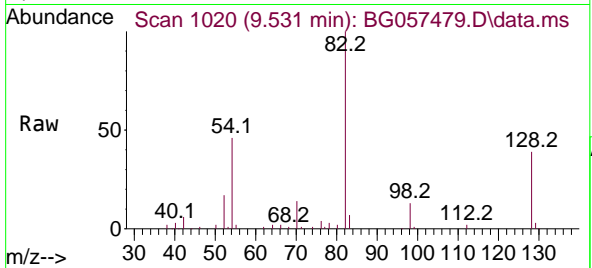




#23
 Nitrobenzene-d5
 Concen: 55.105 ng
 RT: 9.531 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

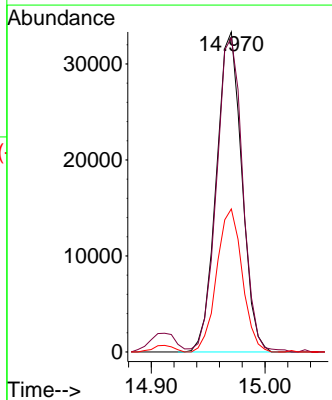
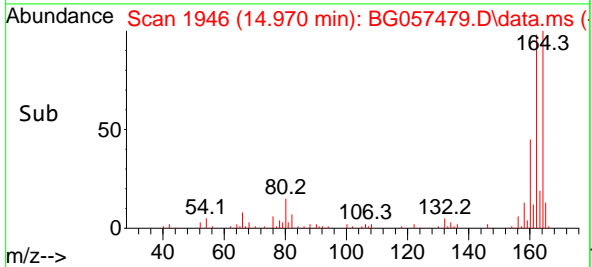
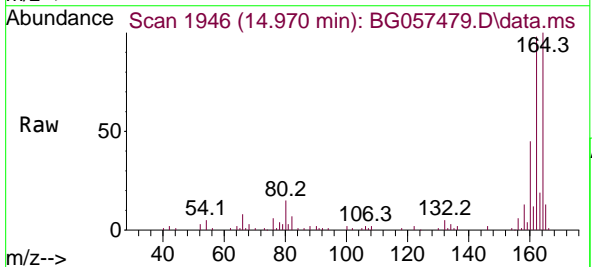
Instrument :
 BNA_G
 ClientSampleId :
 TP6

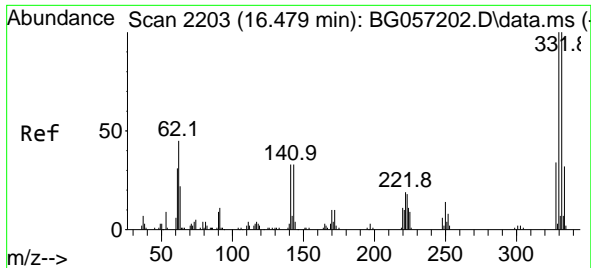
Tgt Ion	Resp	Lower	Upper
82	89765		
128	39.3	29.0	43.4
54	46.1	41.4	62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.970 min Scan# 1946
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

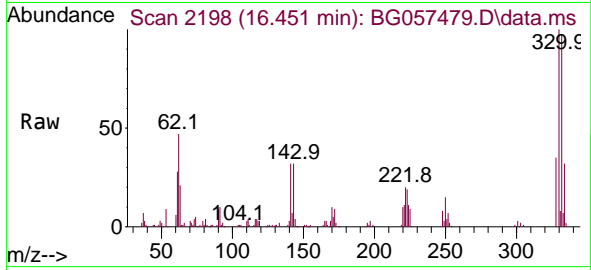
Tgt Ion	Resp	Lower	Upper
164	51862		
162	98.2	81.8	122.6
160	44.7	34.6	52.0



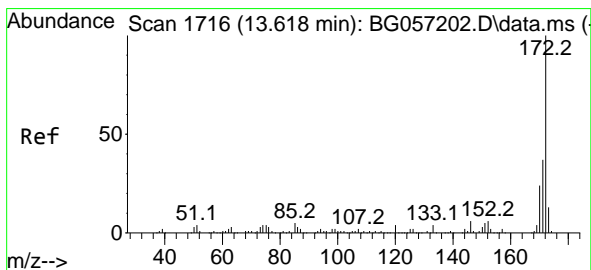
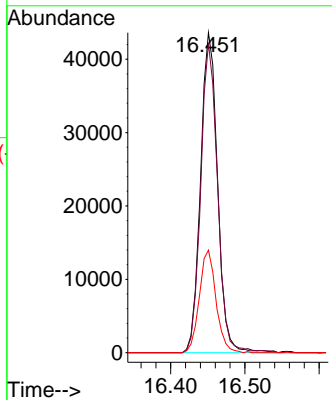
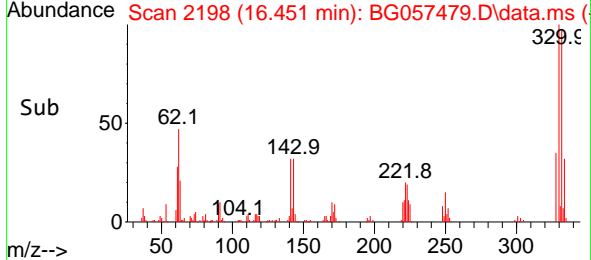


#42
 2,4,6-Tribromophenol
 Concen: 94.483 ng
 RT: 16.451 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

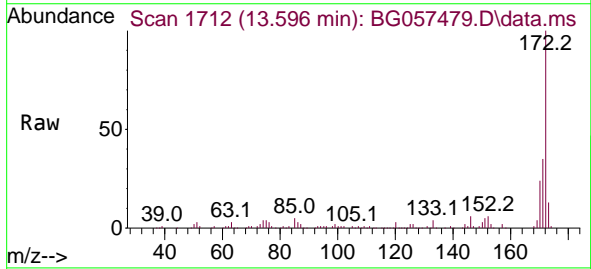
Instrument :
 BNA_G
 ClientSampleId :
 TP6



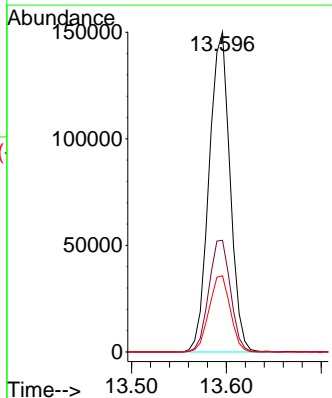
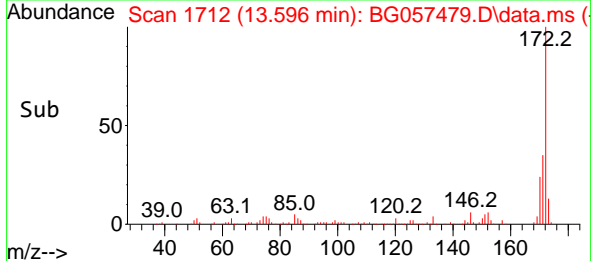
Tgt Ion:330 Resp: 69527
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.2 117.2
 141 31.4 27.8 41.8

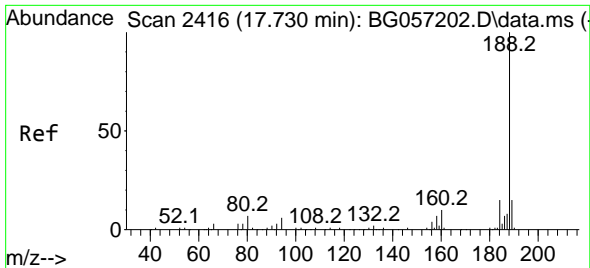


#45
 2-Fluorobiphenyl
 Concen: 59.744 ng
 RT: 13.596 min Scan# 1712
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00



Tgt Ion:172 Resp: 230060
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.4 44.0
 170 23.8 19.0 28.6



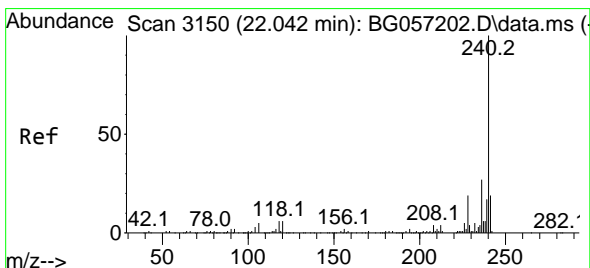
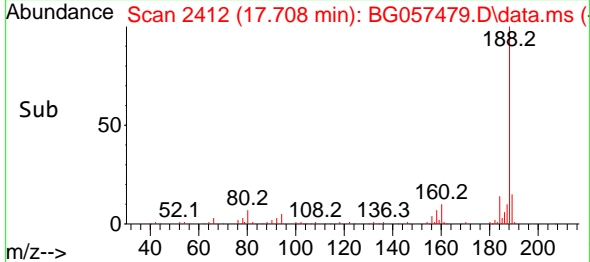
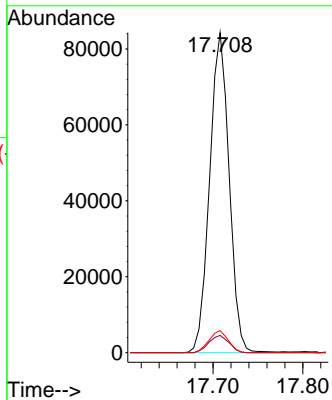
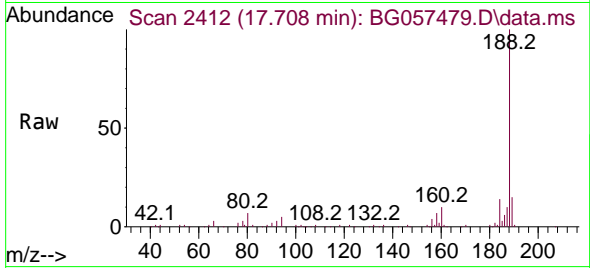


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.708 min Scan# 2412
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

Instrument :
 BNA_G
 ClientSampleId :
 TP6

Tgt Ion:188 Resp: 126872

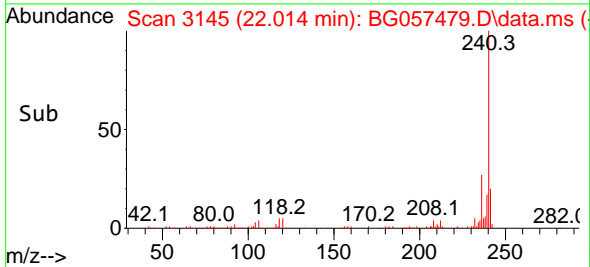
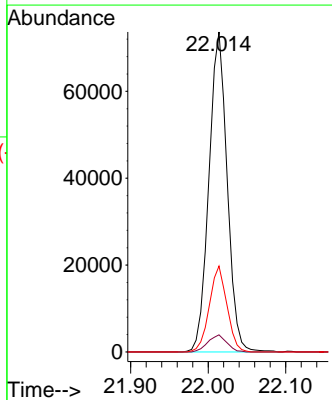
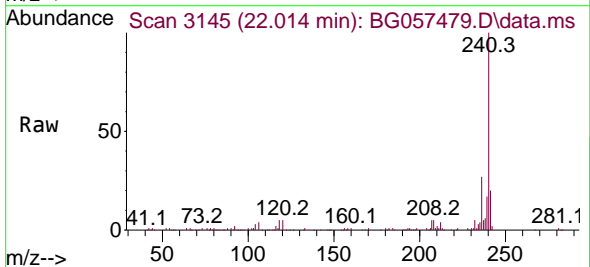
Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.1	7.7
80	6.9	5.7	8.5

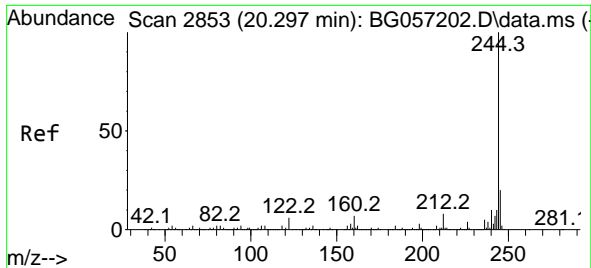


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.014 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

Tgt Ion:240 Resp: 120375

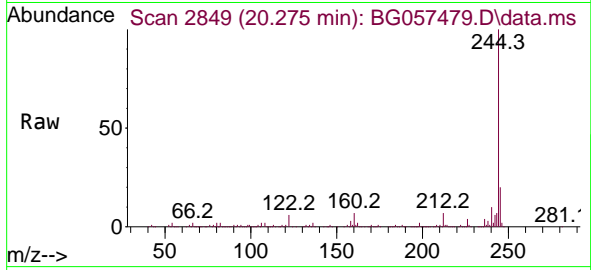
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.9	7.3
236	26.8	21.4	32.2



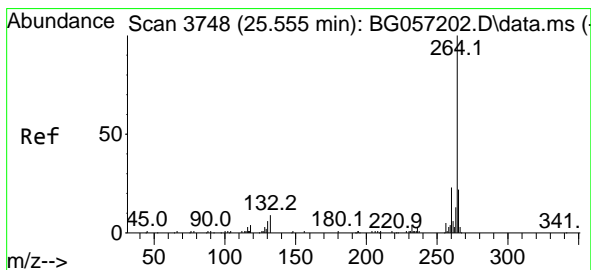
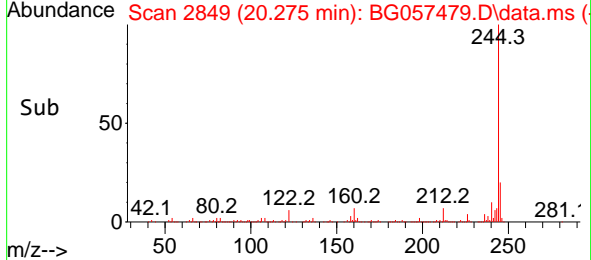
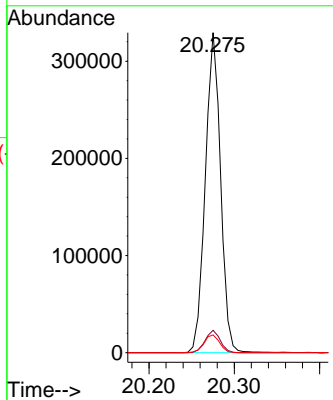


#79
 Terphenyl-d14
 Concen: 55.459 ng
 RT: 20.275 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

Instrument :
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Tgt Ion:244 Resp: 409081
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.509 min Scan# 3740
 Delta R.T. -0.006 min
 Lab File: BG057479.D
 Acq: 19 May 2023 23:00

Tgt Ion:264 Resp: 128015
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.3 17.9 26.9

