Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Time: Nov 20 17:01:35 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	8.335	152	28964	20.000	ng		0.00
21) Naphthalene-d8	11.179	136	118012	20.000	ng		#-0.01
39) Acenaphthene-d10	14.963	164	65662	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	159814	20.000	ng		# 0.00
76) Chrysene-d12	22.037	240	143713	20.000	ng		#-0.01
86) Perylene-d12	25.615	264	176733	20.000	ng		#-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.827	112	133587	77.629	ng		0.00
7) Phenol-d6	7.454	99	233919	91.729	ng		0.00
23) Nitrobenzene-d5	9.534	82	227127	73.505	ng		0.00
42) 2,4,6-Tribromophenol	16.449	330	41240	55.354	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	285744	58.576	ng		-0.01
79) Terphenyl-d14	20.286	244	549298	56.425	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.688	88	2735	3.384	ng	#	69
18) Hexachloroethane	9.440	117	35292	39.931	ng	#	30
31) Naphthalene	11.232	128	75455	12.715	ng		98
37) 2-Methylnaphthalene	12.812	142	108798	21.769	ng	#	87
38) 1-Methylnaphthalene	12.812	142	108798	23.605	ng		89
46) 1,1'-Biphenyl	13.800	154	15508	3.009	ng		91
48) 2-Nitroaniline	14.052	65	3834	3.032	ng	#	12
51) 2,6-Dinitrotoluene	14.223	165	4410	4.568	ng		86
52) Acenaphthene	15.028	154	15027	4.138	ng	#	43
55) Dibenzofuran	15.351	168	16716	2.792	ng	#	15
56) 4-Nitrophenol	15.151	139	27105	31.355	ng	#	1
57) 2,4-Dinitrotoluene	15.333	165	11147	7.509	ng	#	45
58) Fluorene	16.009	166	38433	7.726	ng	#	84
66) n-Nitrosodiphenylamine	16.185	169	50338	10.783	ng	#	39
68) Hexachlorobenzene	17.389	284	84423	52.684	ng	#	48
69) Atrazine	17.125	200	3776	2.523	ng		78
71) Phenanthrene	17.760	178	138012	16.985	ng	#	74
72) Anthracene	17.883	178	56400	6.681	ng	#	1
77) Benzidine	20.286	184	23162	7.108	ng		96
78) Pyrene	20.104	202	26584	2.719	ng	#	70
84) Bis(2-ethylhexyl)phtha...	21.831	149	15492	2.764	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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Misc :
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Quant Time: Nov 20 17:01:35 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
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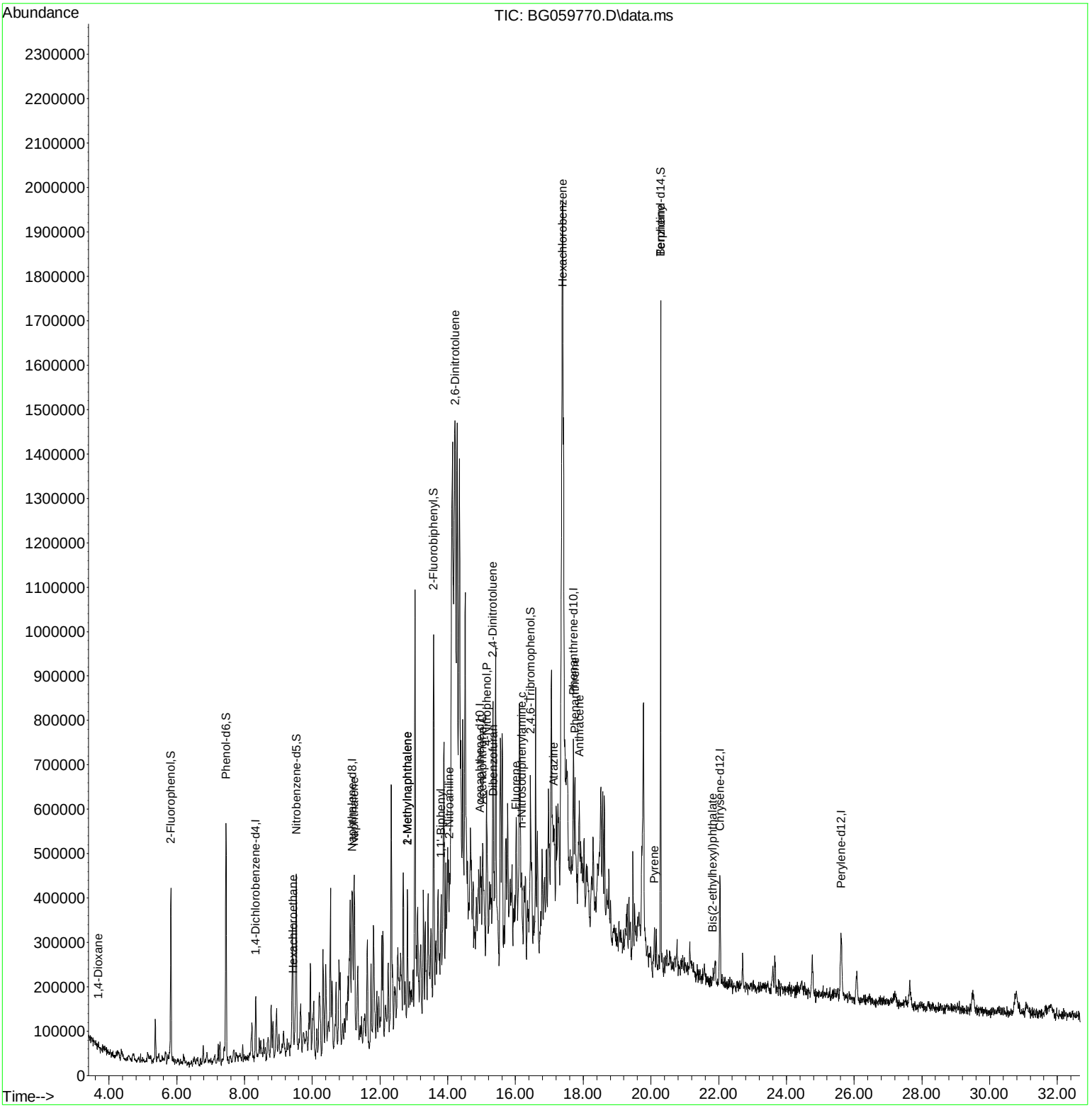
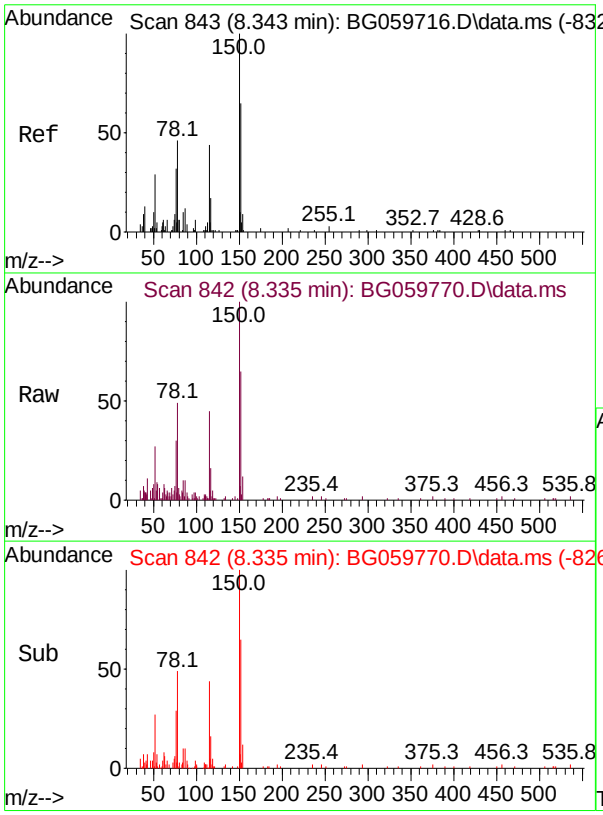


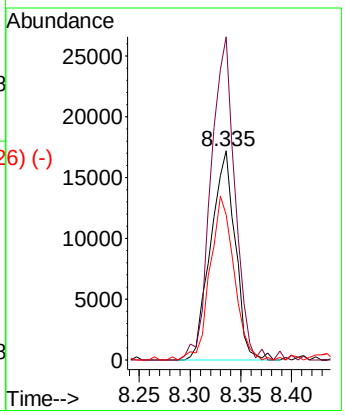


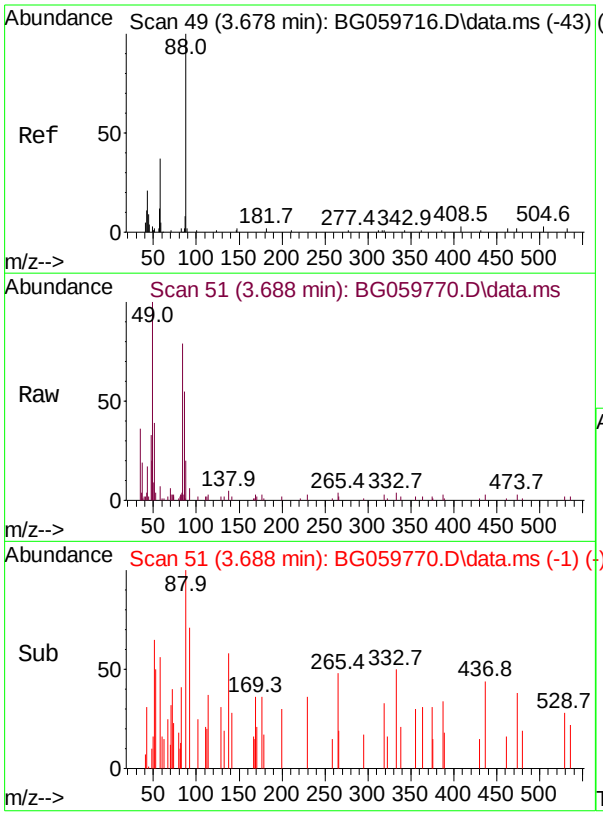
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:152 Resp: 28964

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.4
115	69.4	54.2	81.4

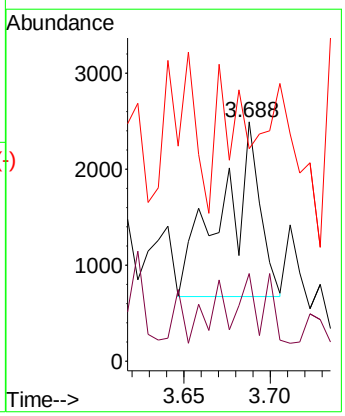


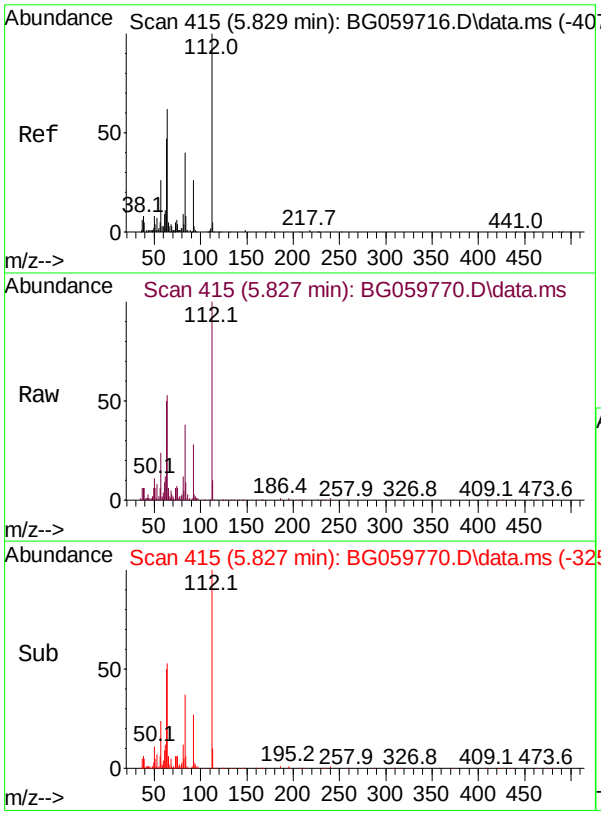


#2
1,4-Dioxane
Concen: 3.384 ng
RT: 3.688 min Scan# 51
Delta R.T. 0.010 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion: 88 Resp: 2735

Ion	Ratio	Lower	Upper
88	100		
58	23.1	28.6	42.8#
43	0.0	17.5	26.3#



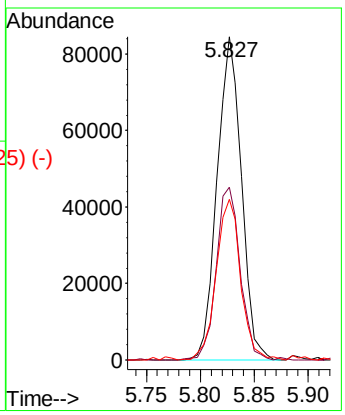


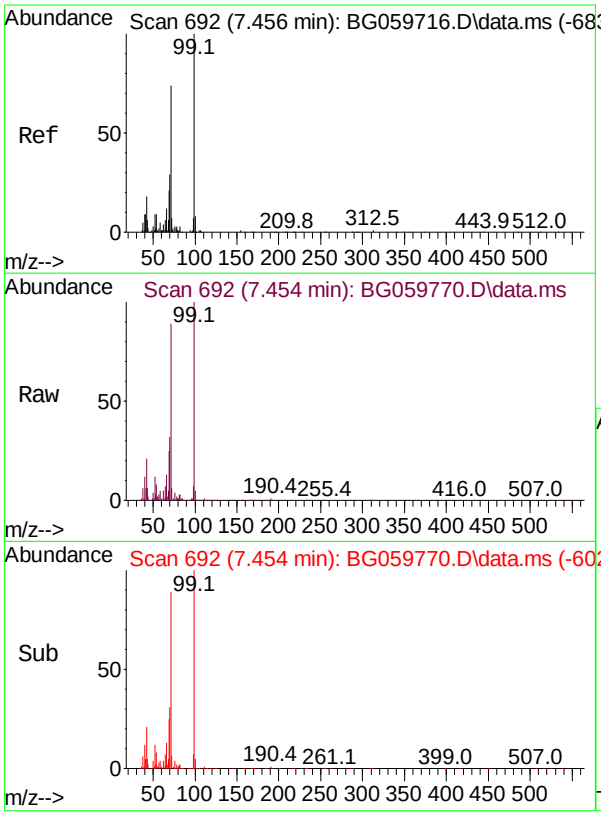
#5
2-Fluorophenol
Concen: 77.629 ng
RT: 5.827 min Scan# 4
Delta R.T. -0.002 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:112 Resp: 133587

Ion	Ratio	Lower	Upper
112	100		
64	53.4	49.5	74.3
63	49.8	37.4	56.2

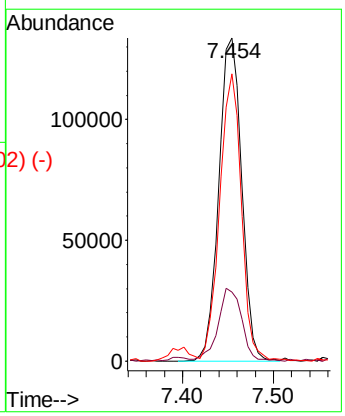


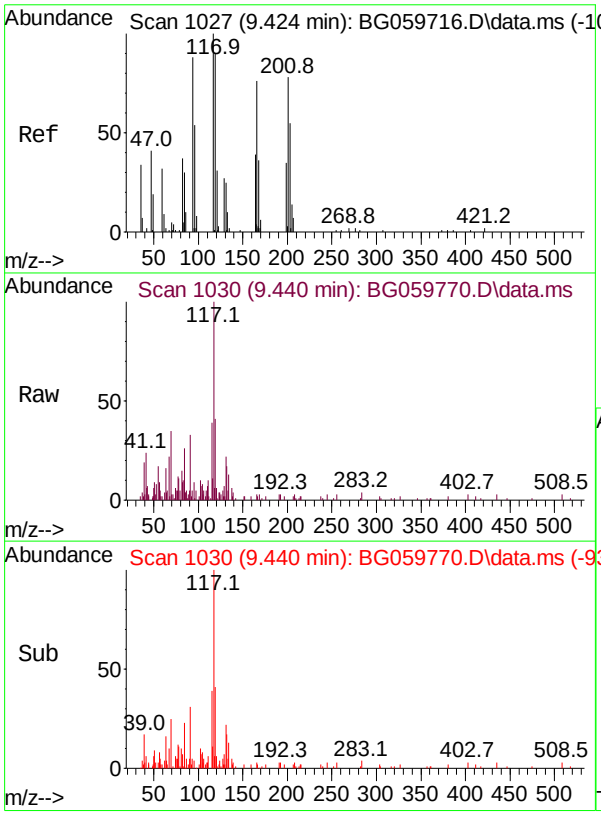


#7
Phenol-d6
Concen: 91.729 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion: 99 Resp: 233919

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.3	21.5
71	88.8	59.3	88.9



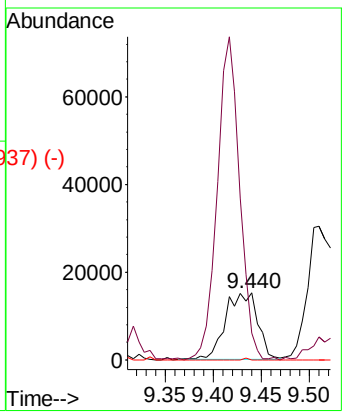


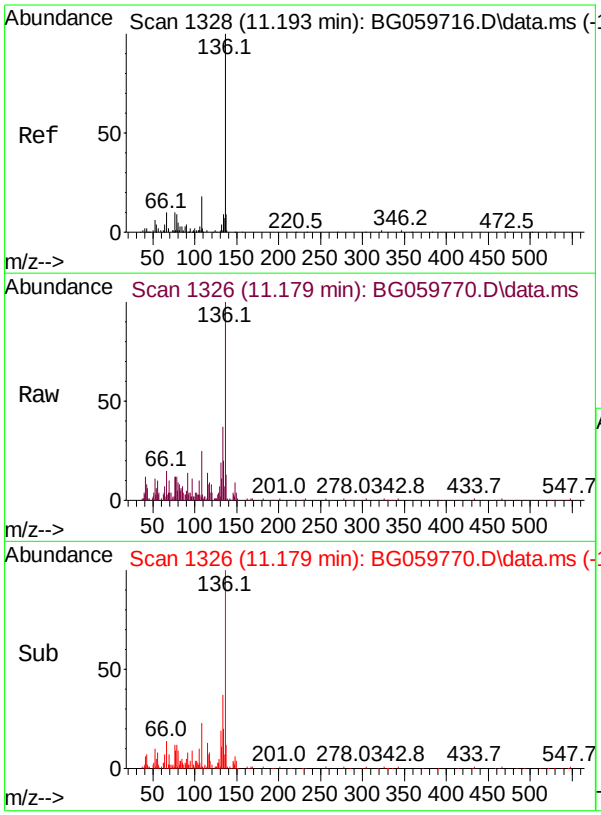
#18
Hexachloroethane
Concen: 39.931 ng
RT: 9.440 min Scan# 1
Delta R.T. 0.015 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:117 Resp: 35292

Ion	Ratio	Lower	Upper
117	100		
119	40.6	71.8	107.8#
201	0.0	62.2	93.4#

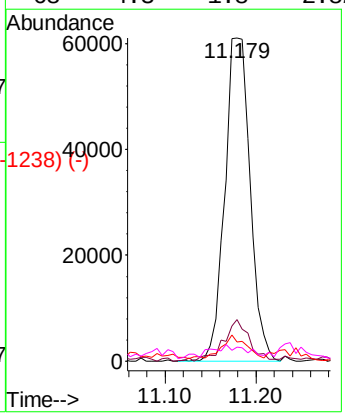


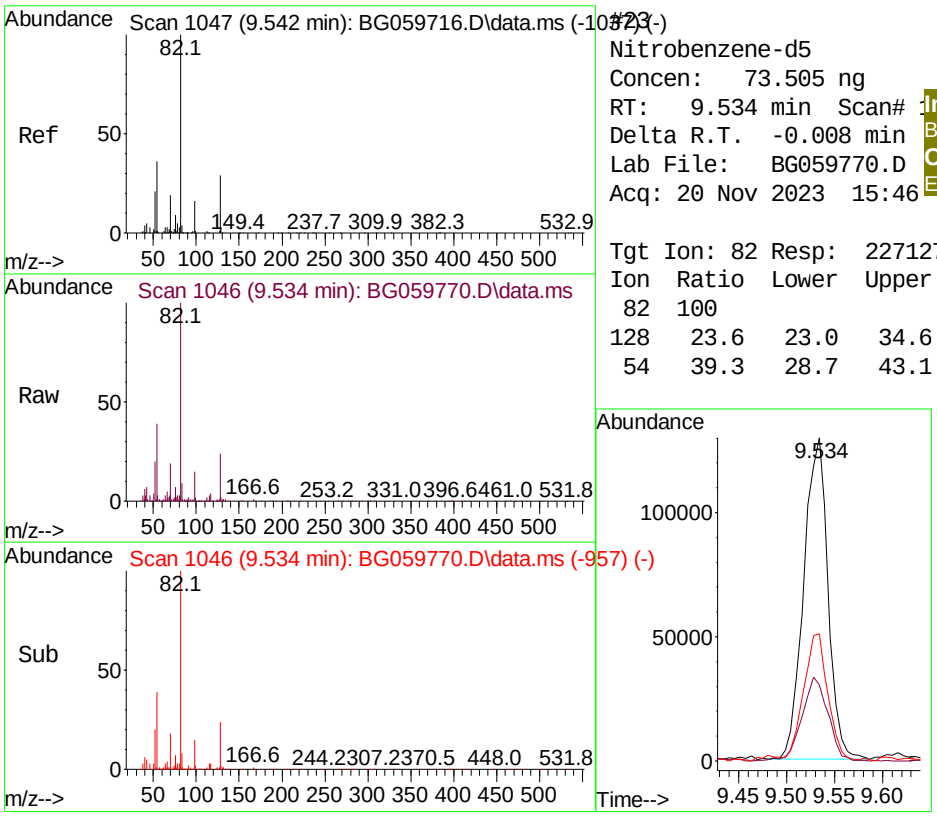


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 1326
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:136 Resp: 118012

Ion	Ratio	Lower	Upper
136	100		
137	12.9	7.4	11.0#
54	5.9	3.1	4.7#
68	4.3	1.8	2.8#



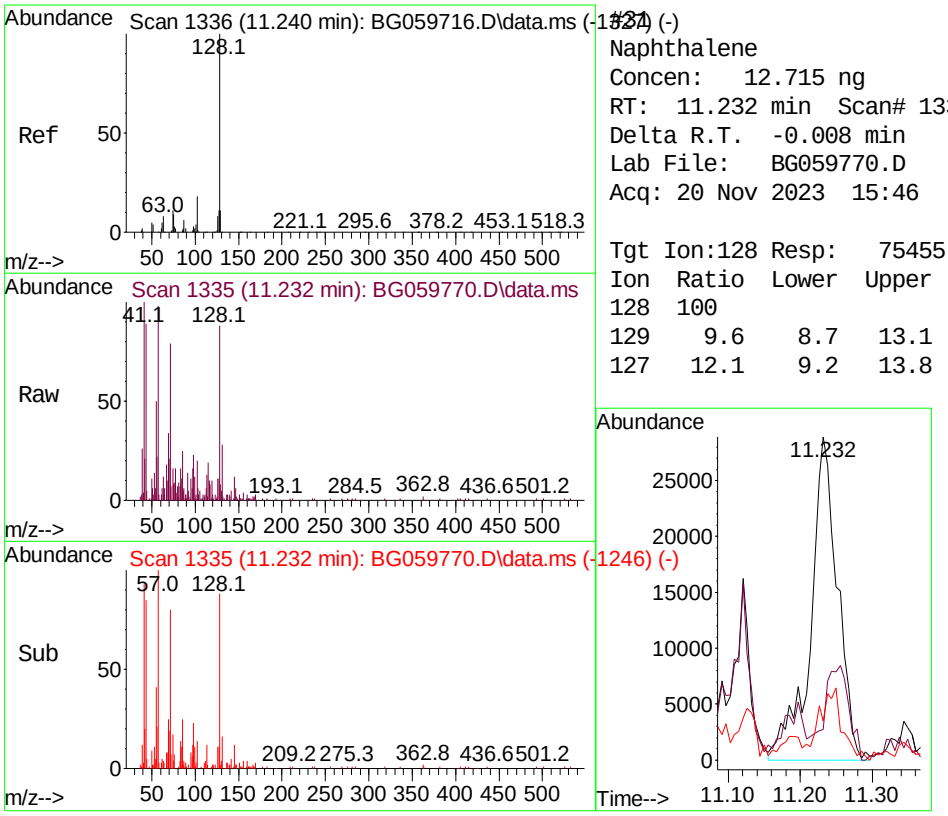


#23
Nitrobenzene-d5
Concen: 73.505 ng
RT: 9.534 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion: 82 Resp: 227127

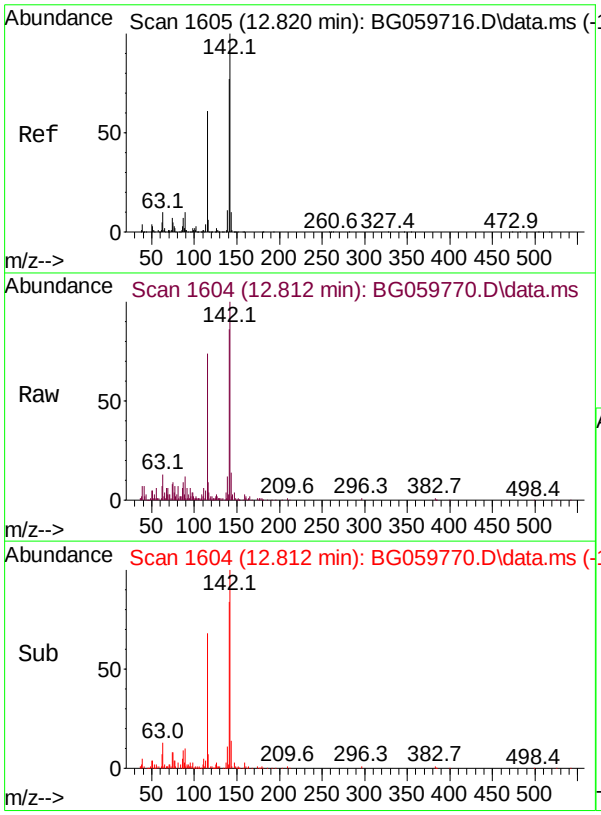
Ion	Ratio	Lower	Upper
82	100		
128	23.6	23.0	34.6
54	39.3	28.7	43.1



#21
Naphthalene
Concen: 12.715 ng
RT: 11.232 min Scan# 1335
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:128 Resp: 75455

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.7	13.1
127	12.1	9.2	13.8

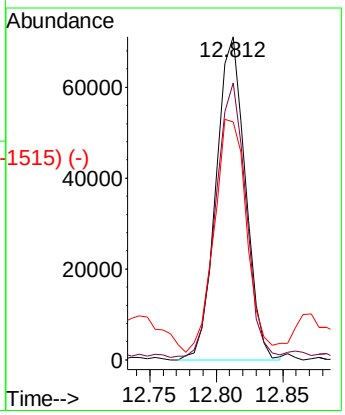


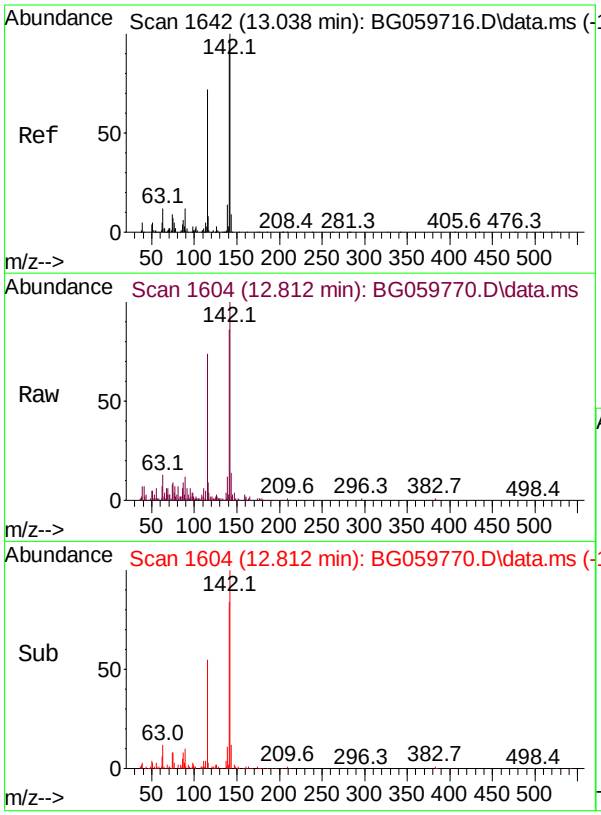
#37
2-Methylnaphthalene
Concen: 21.769 ng
RT: 12.812 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:142 Resp: 108798

Ion	Ratio	Lower	Upper
142	100		
141	85.7	61.9	92.9
115	73.6	49.0	73.4#

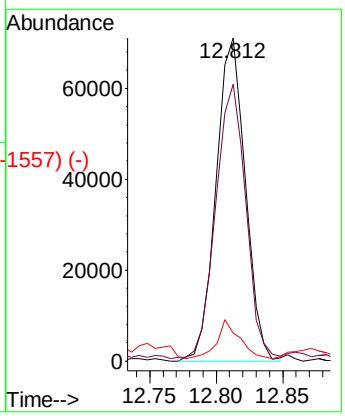


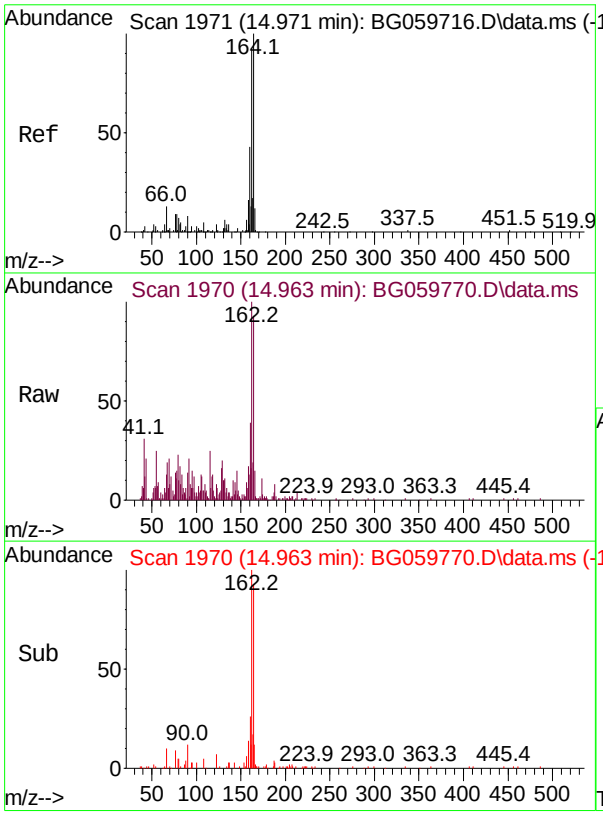


#38
1-Methylnaphthalene
Concen: 23.605 ng
RT: 12.812 min Scan# 1604
Delta R.T. -0.225 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:142 Resp: 108798

Ion	Ratio	Lower	Upper
142	100		
141	85.7	77.8	116.8
116	8.7	6.2	9.2



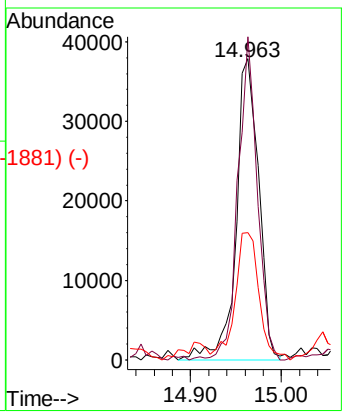


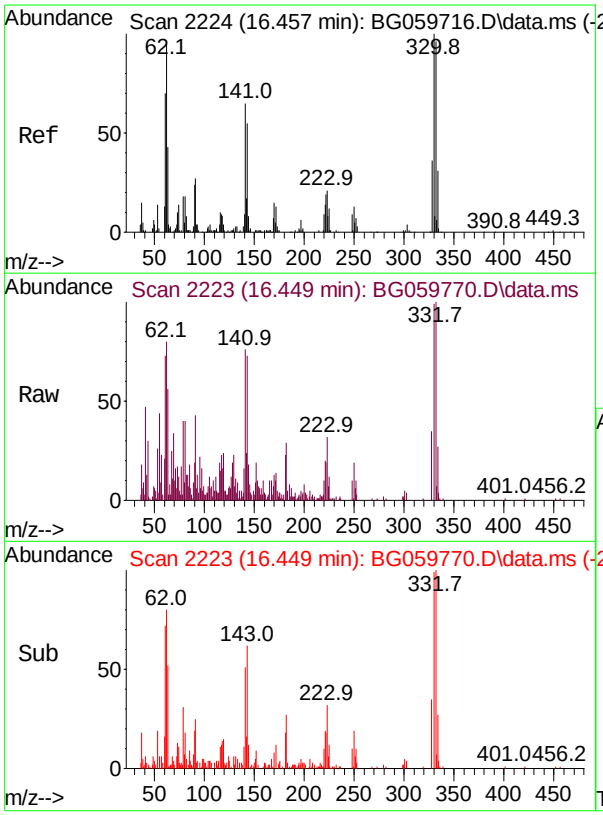
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:164 Resp: 65662

Ion	Ratio	Lower	Upper
164	100		
162	107.2	73.3	109.9
160	42.3	34.1	51.1

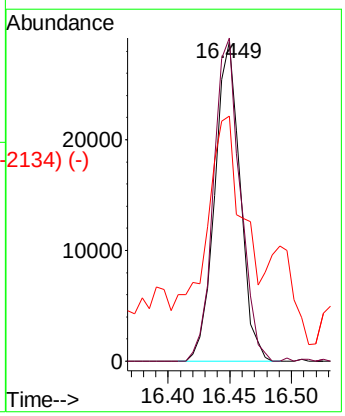


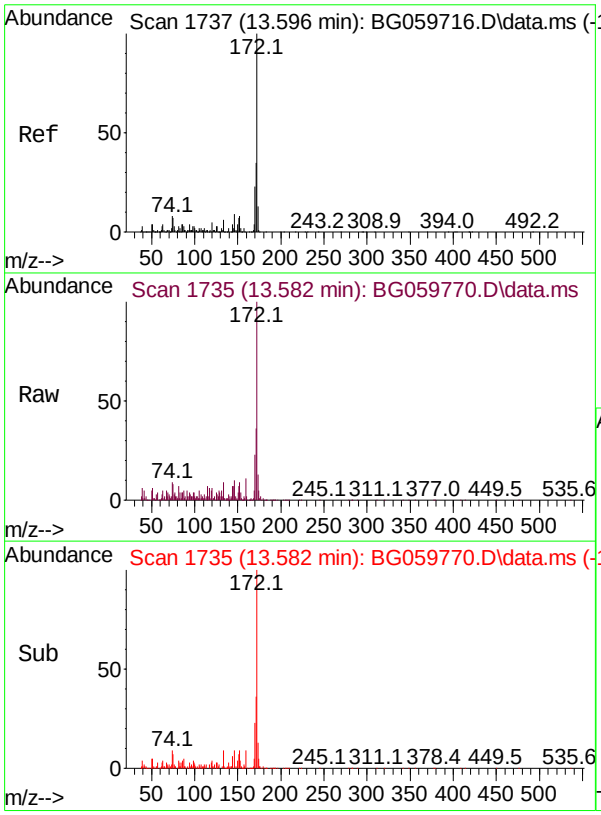


#42
2,4,6-Tribromophenol
Concen: 55.354 ng
RT: 16.449 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:330 Resp: 41240

Ion	Ratio	Lower	Upper
330	100		
332	106.3	73.3	109.9
141	88.6	52.1	78.1#



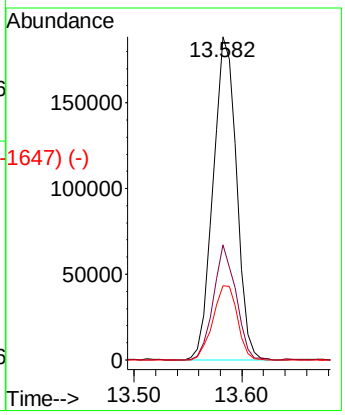


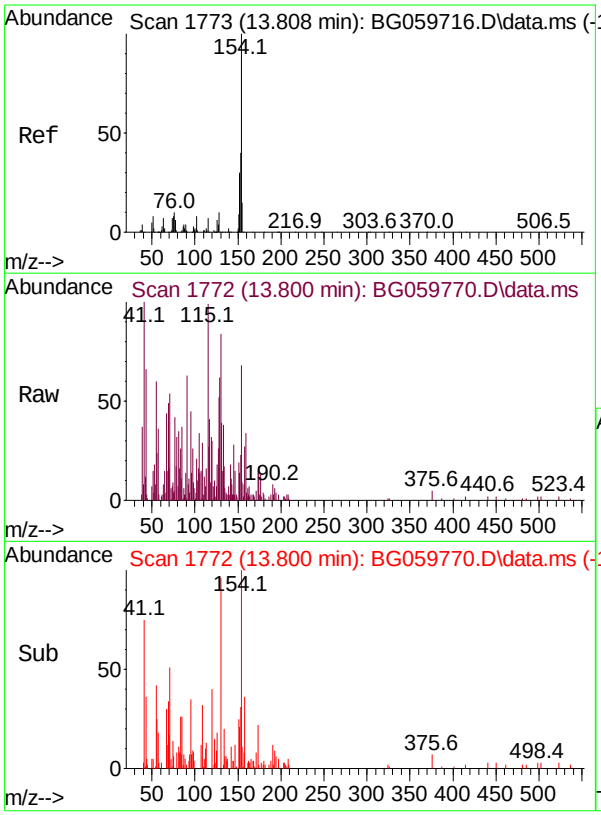
#45
2-Fluorobiphenyl
Concen: 58.576 ng
RT: 13.582 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:172 Resp: 285744

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.7	41.5
170	22.9	18.4	27.6

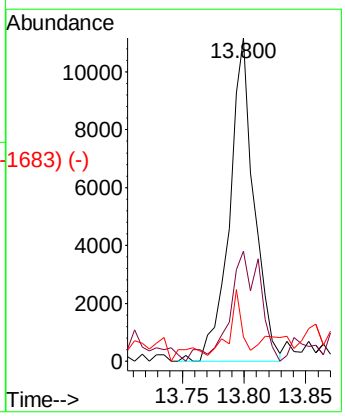


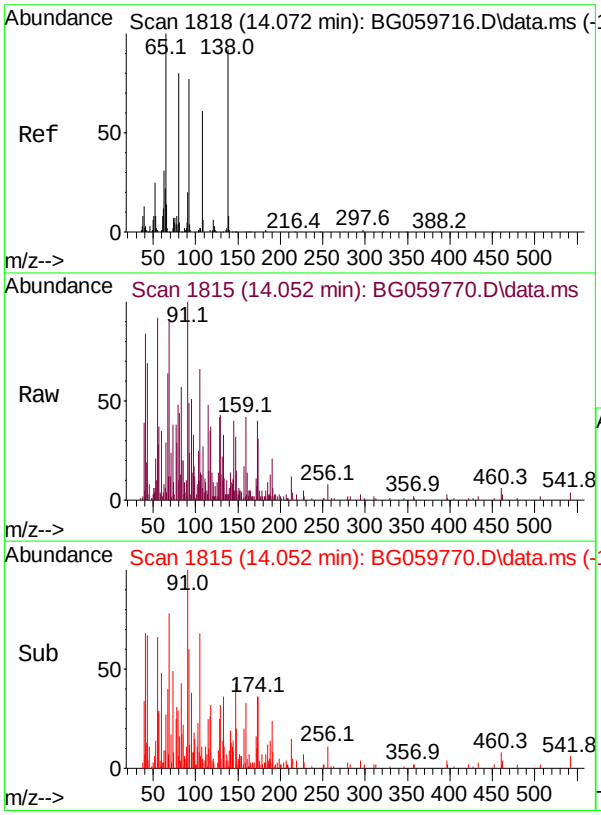


#46
1,1'-Biphenyl
Concen: 3.009 ng
RT: 13.800 min Scan# 1772
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:154 Resp: 15508

Ion	Ratio	Lower	Upper
154	100		
153	34.0	19.7	59.7
76	7.4	0.0	30.4



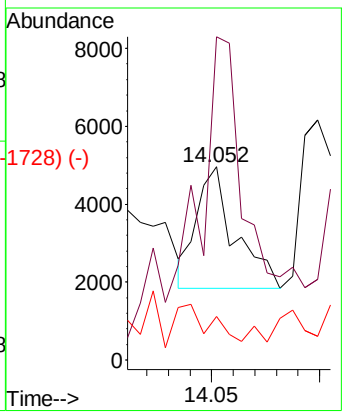


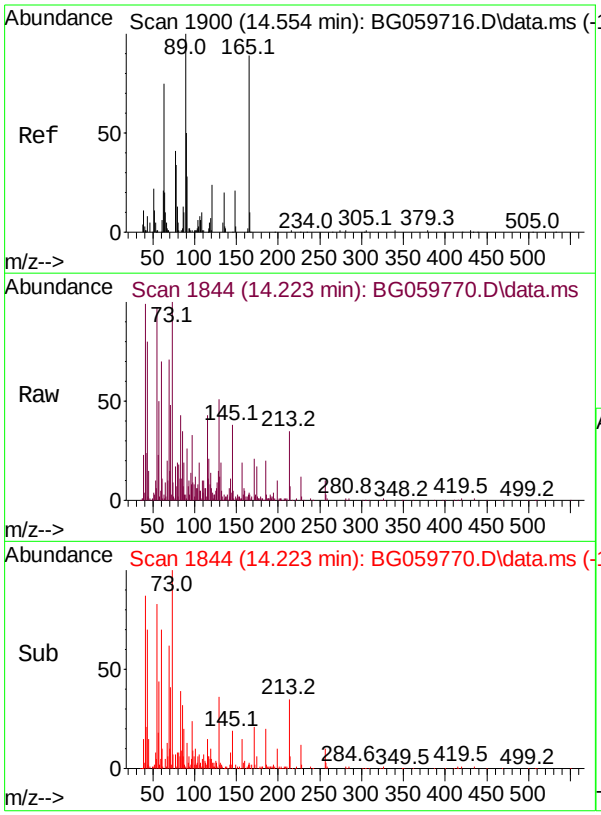
#48
2-Nitroaniline
Concen: 3.032 ng
RT: 14.052 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion: 65 Resp: 3834

Ion	Ratio	Lower	Upper
65	100		
92	167.3	61.2	91.8#
138	22.5	73.8	110.6#

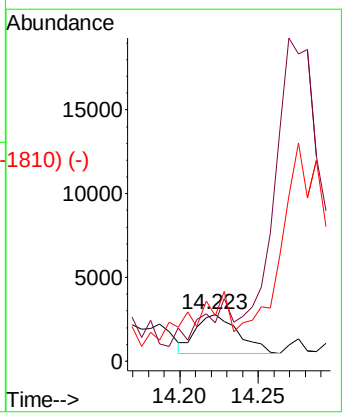


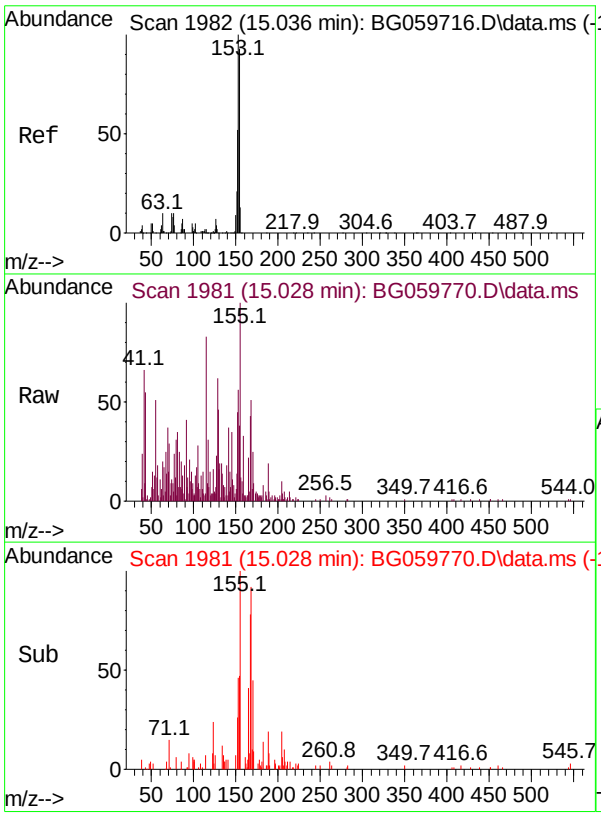


#51
2,6-Dinitrotoluene
Concen: 4.568 ng
RT: 14.223 min Scan# 1844
Delta R.T. -0.331 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:165 Resp: 4410

Ion	Ratio	Lower	Upper
165	100		
63	82.0	75.3	112.9
89	97.4	90.9	136.3



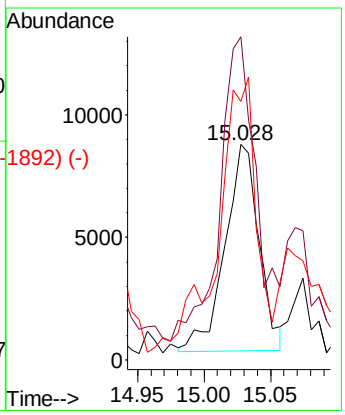


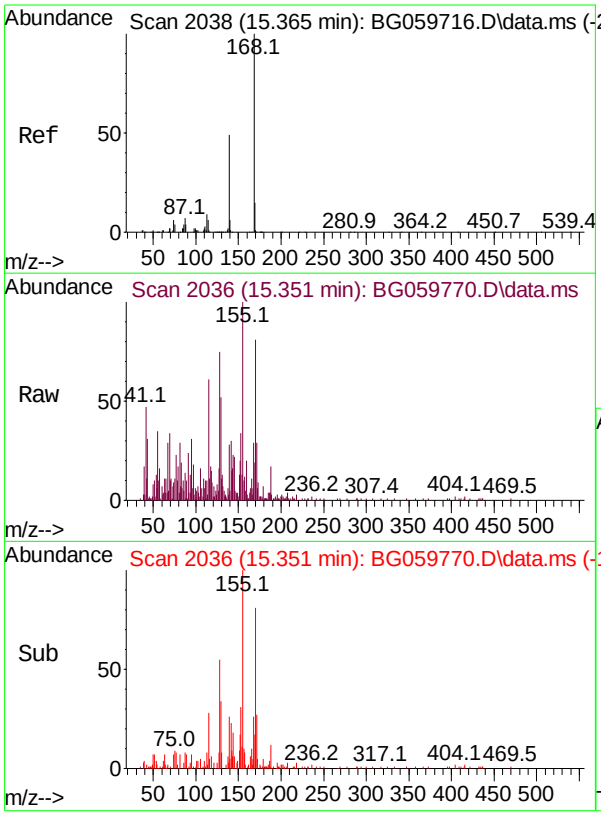
#52
Acenaphthene
Concen: 4.138 ng
RT: 15.028 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:154 Resp: 15027

Ion	Ratio	Lower	Upper
154	100		
153	149.9	85.8	128.8#
152	119.9	44.4	66.6#

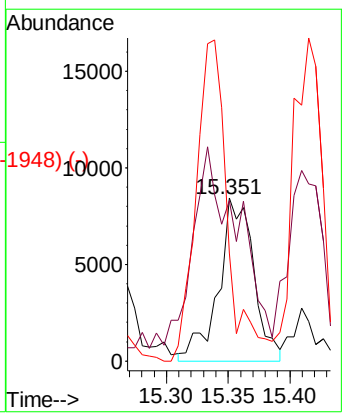


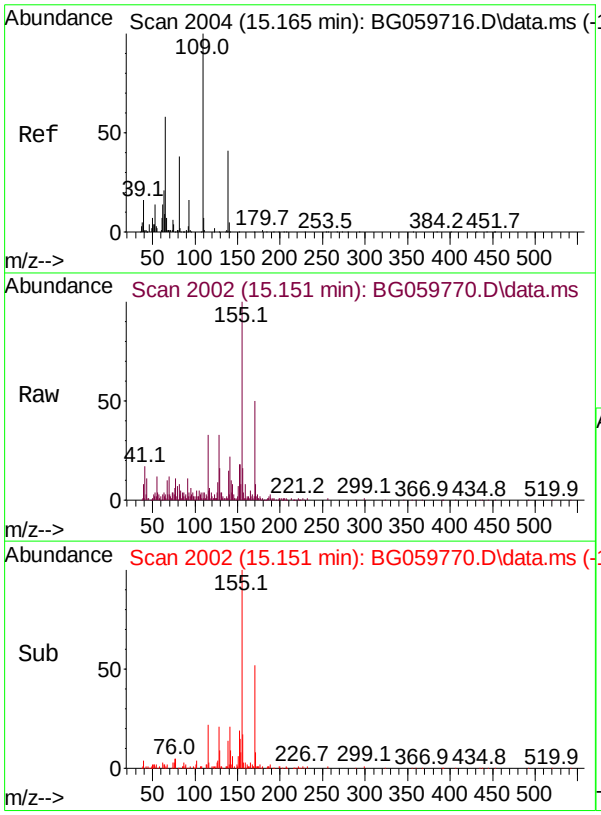


#55
Dibenzofuran
Concen: 2.792 ng
RT: 15.351 min Scan# 2036
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:168 Resp: 16716

Ion	Ratio	Lower	Upper
168	100		
139	98.3	38.9	58.3#
169	66.2	11.8	17.8#



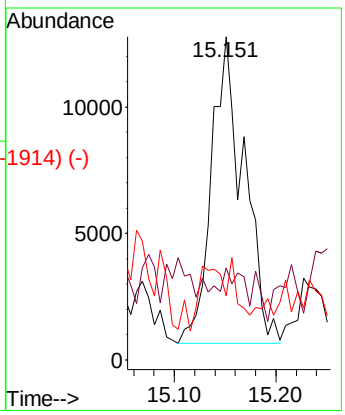


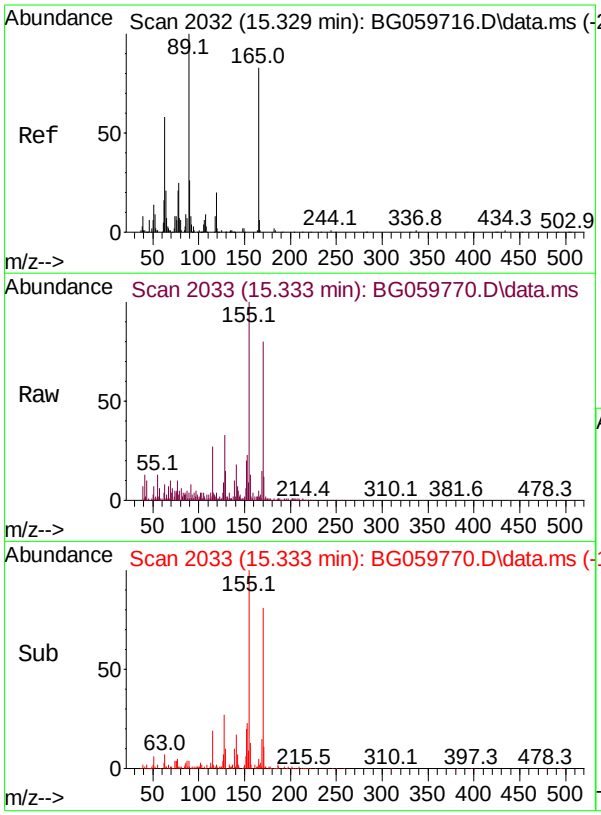
#56
4-Nitrophenol
Concen: 31.355 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:139 Resp: 27105

Ion	Ratio	Lower	Upper
139	100		
109	28.5	223.4	263.4#
65	19.8	120.6	160.6#

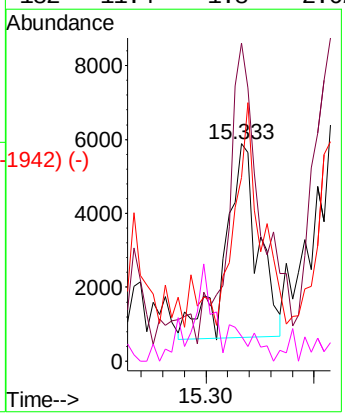


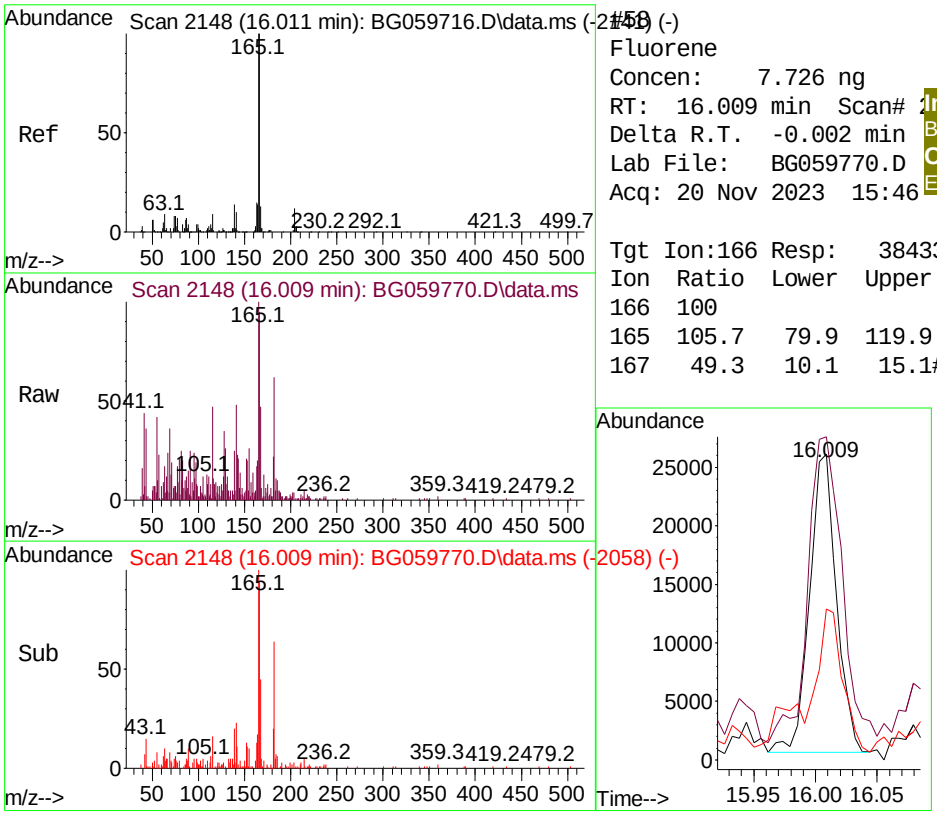


#57
2,4-Dinitrotoluene
Concen: 7.509 ng
RT: 15.333 min Scan# 2033
Delta R.T. 0.004 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:165 Resp: 11147

Ion	Ratio	Lower	Upper
165	100		
63	146.3	55.8	83.8#
89	84.5	96.9	145.3#
182	11.4	1.8	2.6#



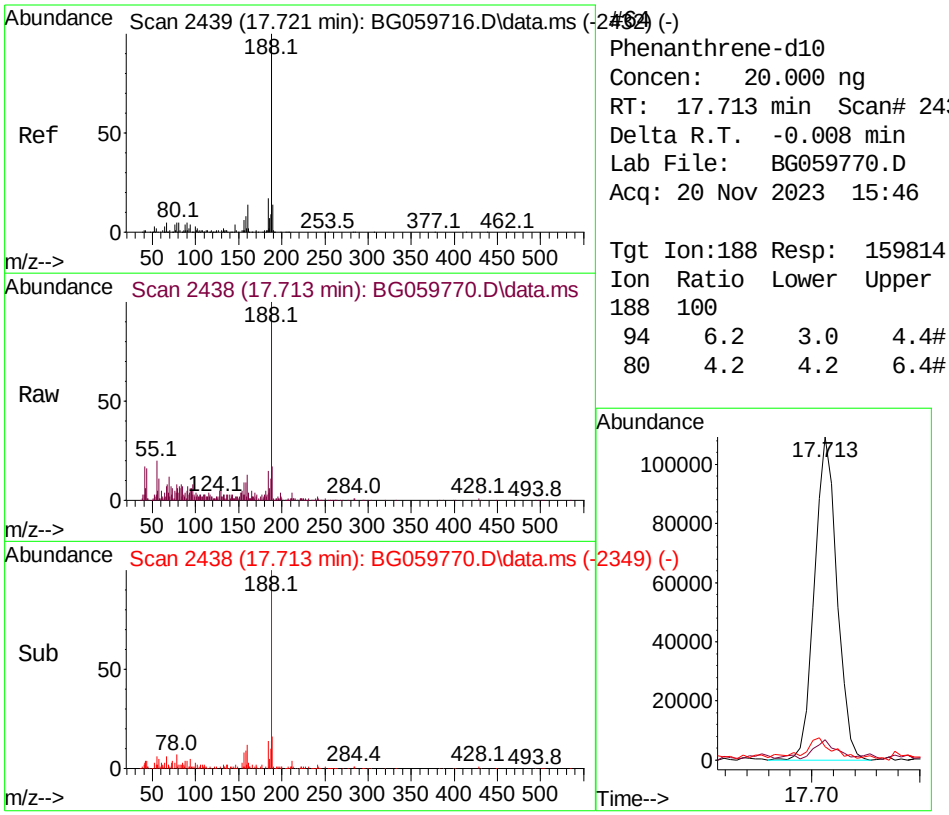


#58
Fluorene
Concen: 7.726 ng
RT: 16.009 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:166 Resp: 38433

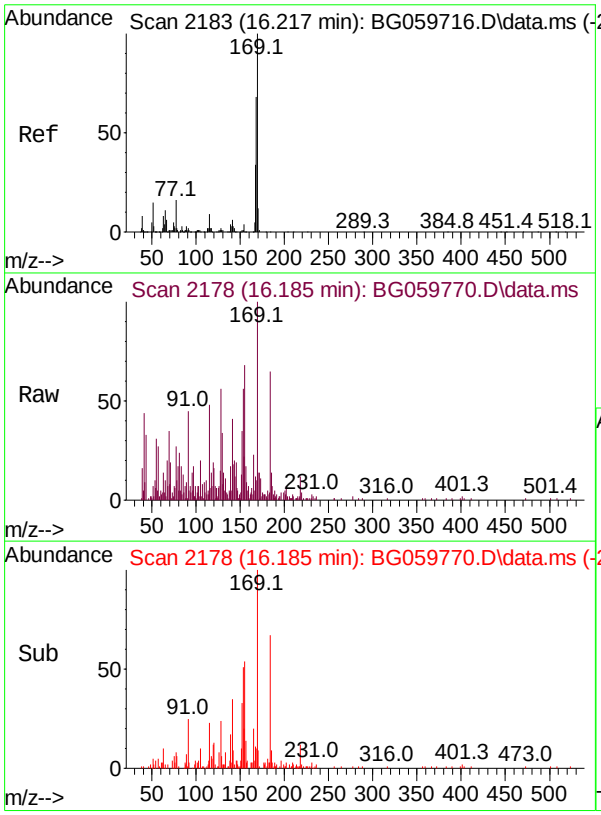
Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.9	119.9
167	49.3	10.1	15.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2438
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:188 Resp: 159814

Ion	Ratio	Lower	Upper
188	100		
94	6.2	3.0	4.4#
80	4.2	4.2	6.4#

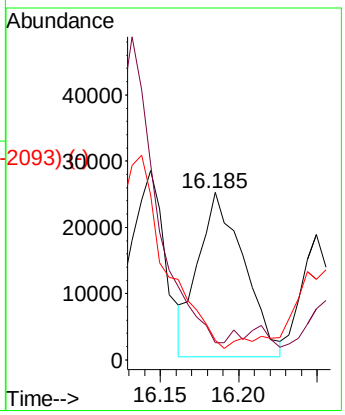


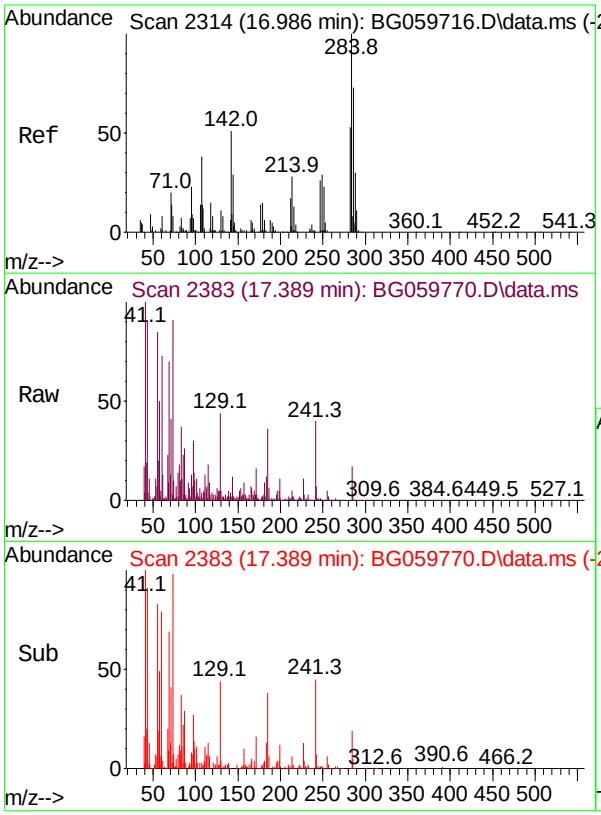
#66
n-Nitrosodiphenylamine
Concen: 10.783 ng
RT: 16.185 min Scan# 2
Delta R.T. -0.032 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:169 Resp: 50338

Ion	Ratio	Lower	Upper
169	100		
168	10.4	54.5	81.7#
167	11.9	27.8	41.6#

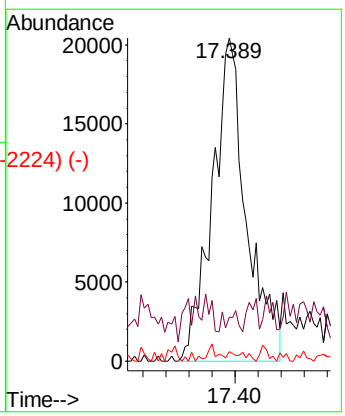


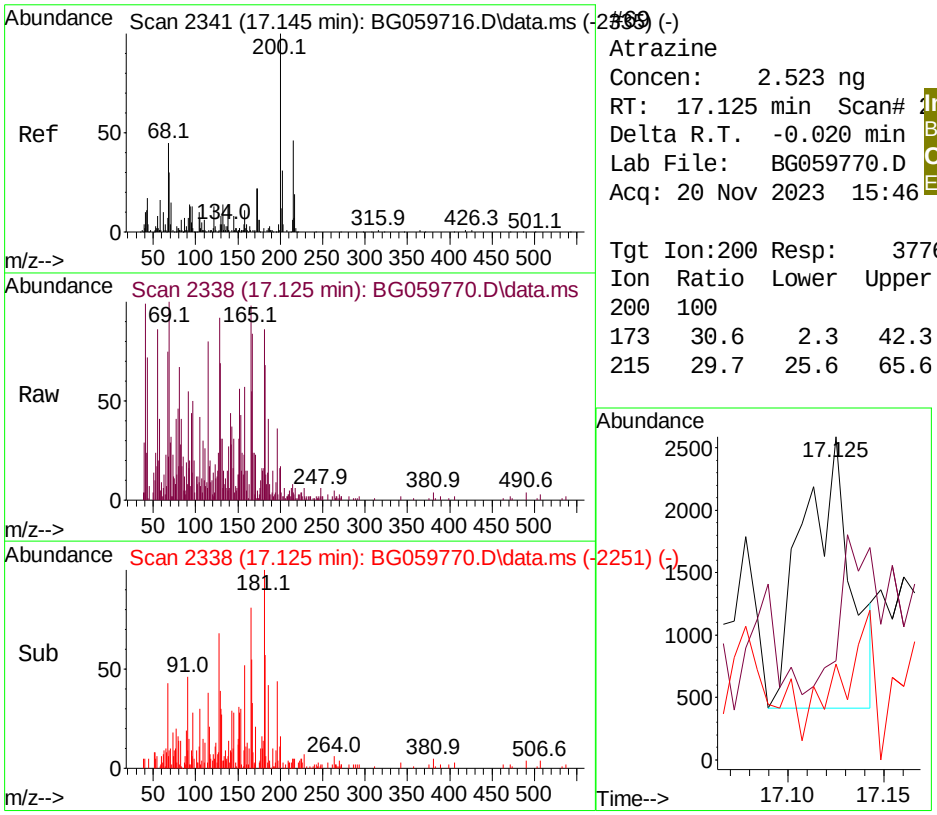


#68
Hexachlorobenzene
Concen: 52.684 ng
RT: 17.389 min Scan# 2383
Delta R.T. 0.403 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:284 Resp: 84423

Ion	Ratio	Lower	Upper
284	100		
142	13.7	41.0	61.6#
249	3.0	24.2	36.4#



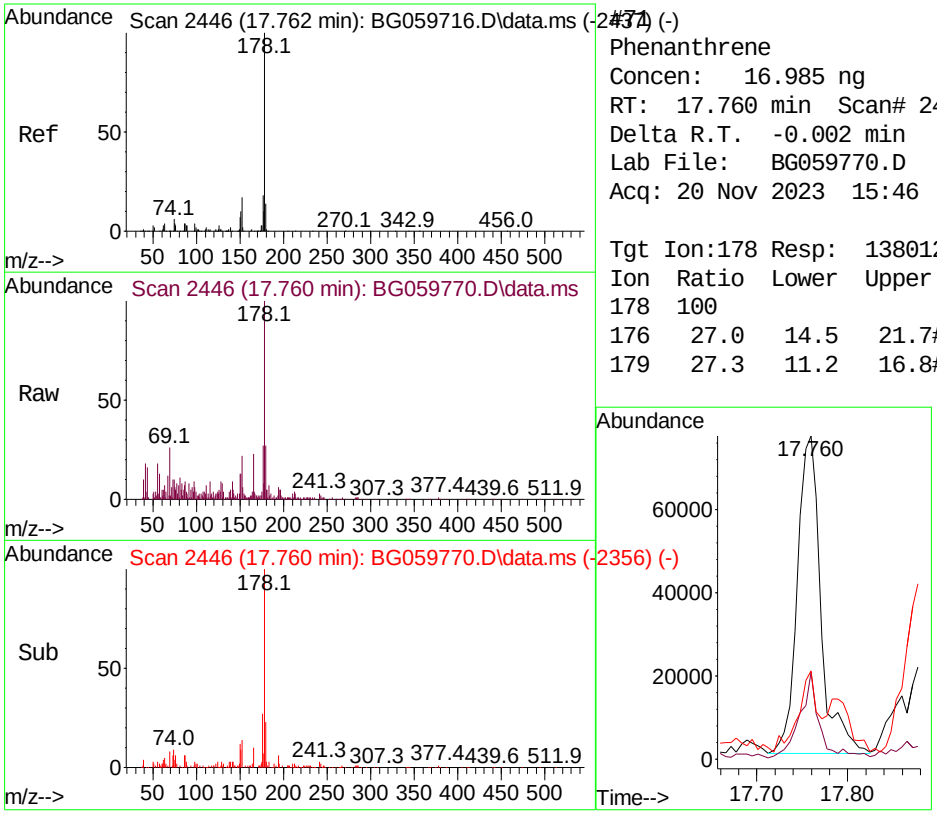


#69
Atrazine
Concen: 2.523 ng
RT: 17.125 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:200 Resp: 3776

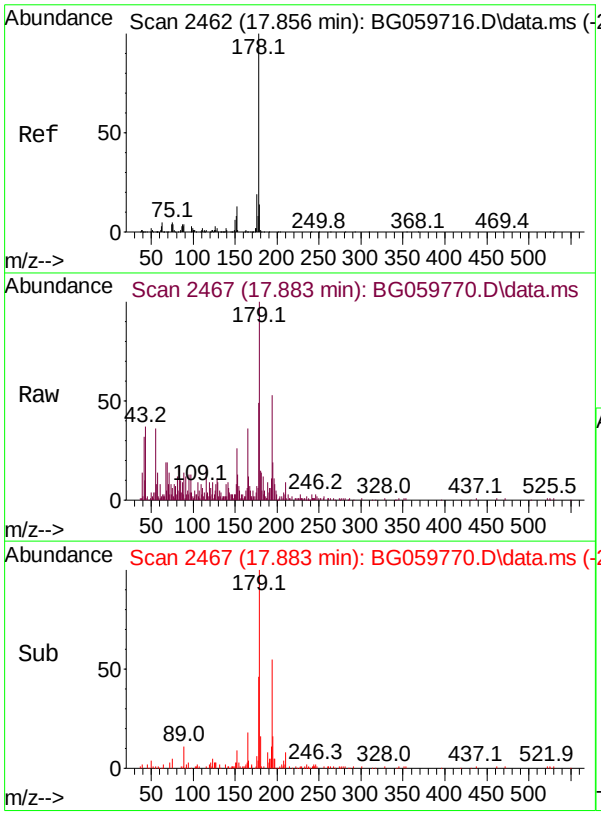
Ion	Ratio	Lower	Upper
200	100		
173	30.6	2.3	42.3
215	29.7	25.6	65.6



#71
Phenanthrene
Concen: 16.985 ng
RT: 17.760 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:178 Resp: 138012

Ion	Ratio	Lower	Upper
178	100		
176	27.0	14.5	21.7#
179	27.3	11.2	16.8#

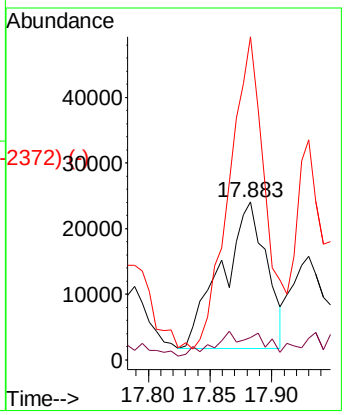


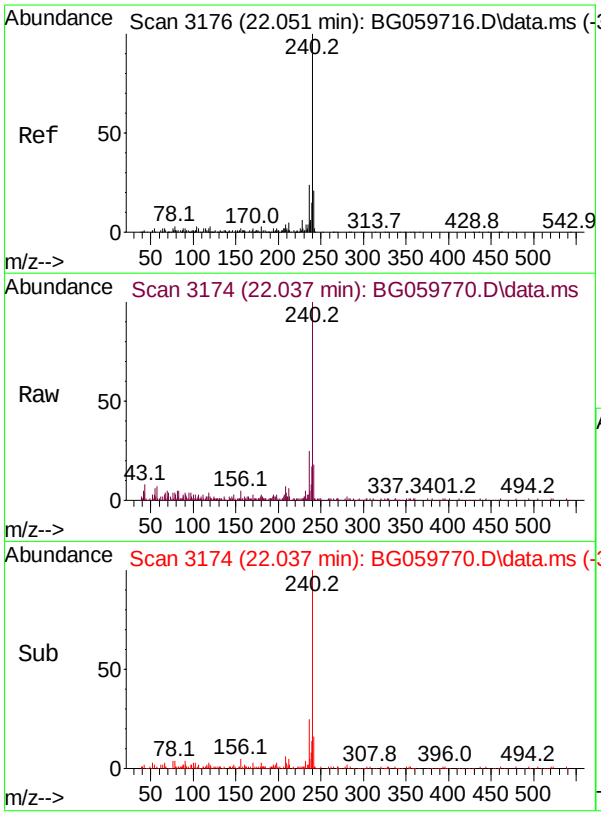
#72
Anthracene
Concen: 6.681 ng
RT: 17.883 min Scan# 1
Delta R.T. 0.027 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:178 Resp: 56400

Ion	Ratio	Lower	Upper
178	100		
176	14.1	15.0	22.4#
179	204.8	11.5	17.3#

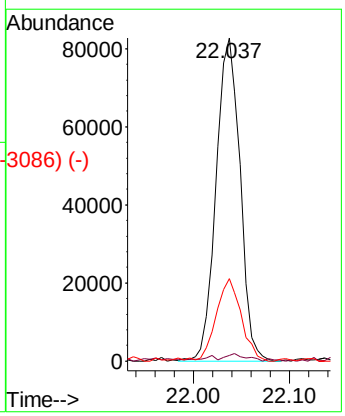


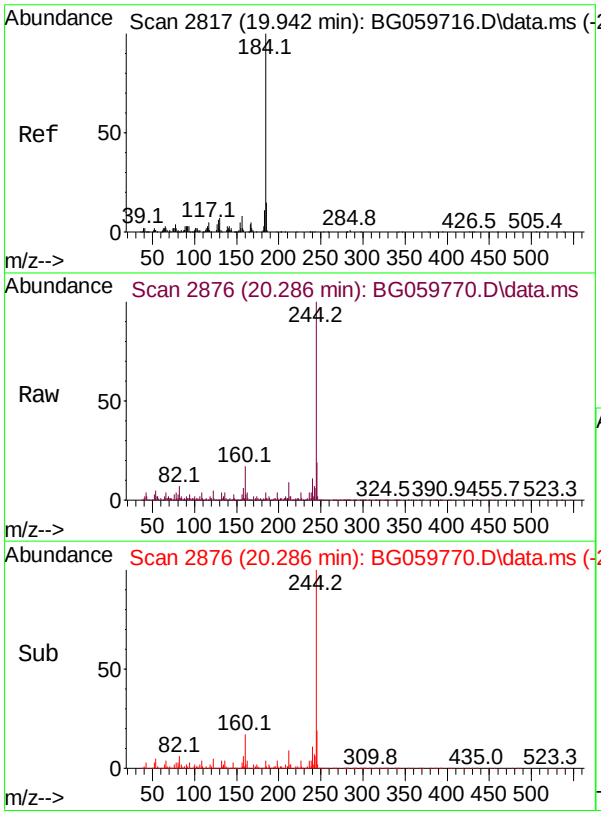


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 3174
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:240 Resp: 143713

Ion	Ratio	Lower	Upper
240	100		
120	1.9	2.2	3.2#
236	25.4	19.4	29.2



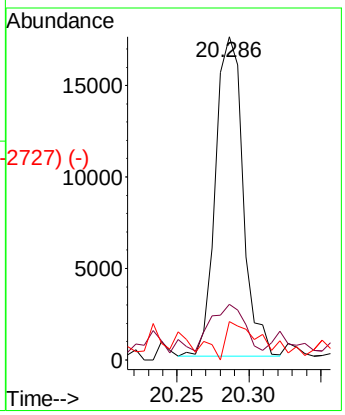


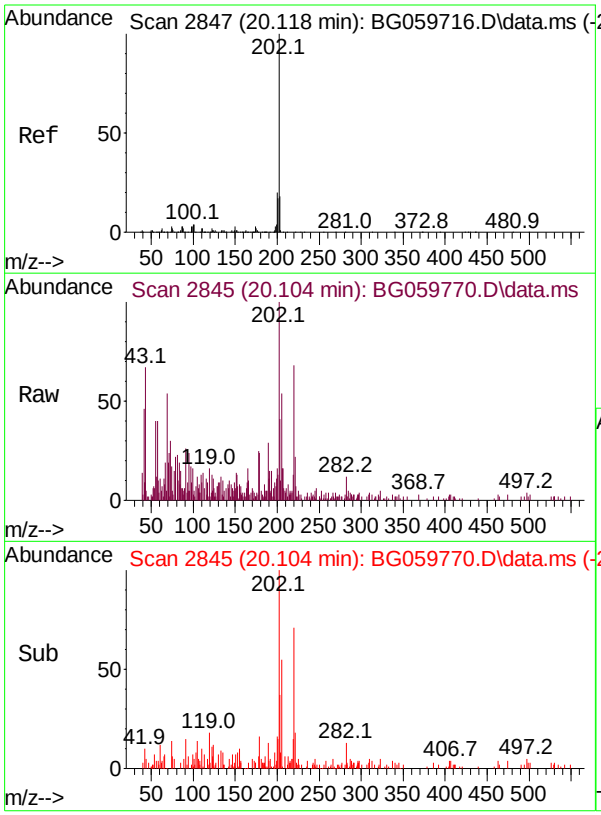
#77
Benzidine
Concen: 7.108 ng
RT: 20.286 min Scan# 2
Delta R.T. 0.345 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:184 Resp: 23162

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.2	18.2
183	11.8	8.8	13.2

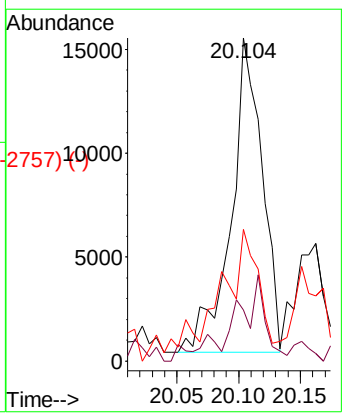


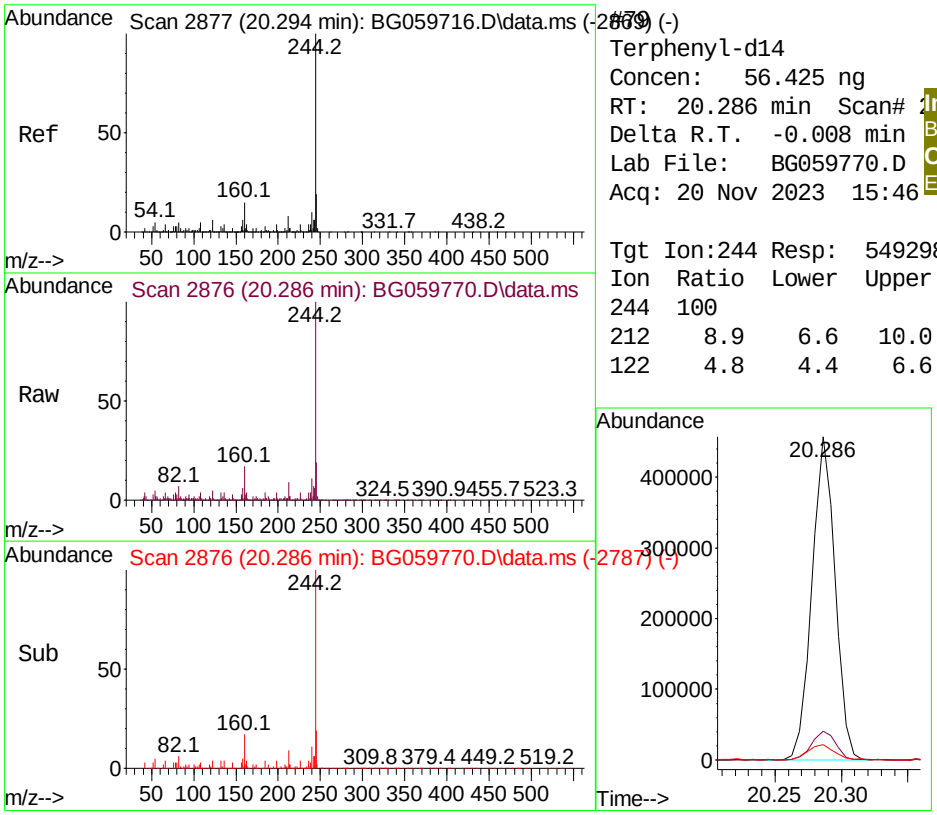


#78
Pyrene
Concen: 2.719 ng
RT: 20.104 min Scan# 2845
Delta R.T. -0.014 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:202 Resp: 26584

Ion	Ratio	Lower	Upper
202	100		
200	15.9	16.2	24.4#
203	40.7	14.0	21.0#



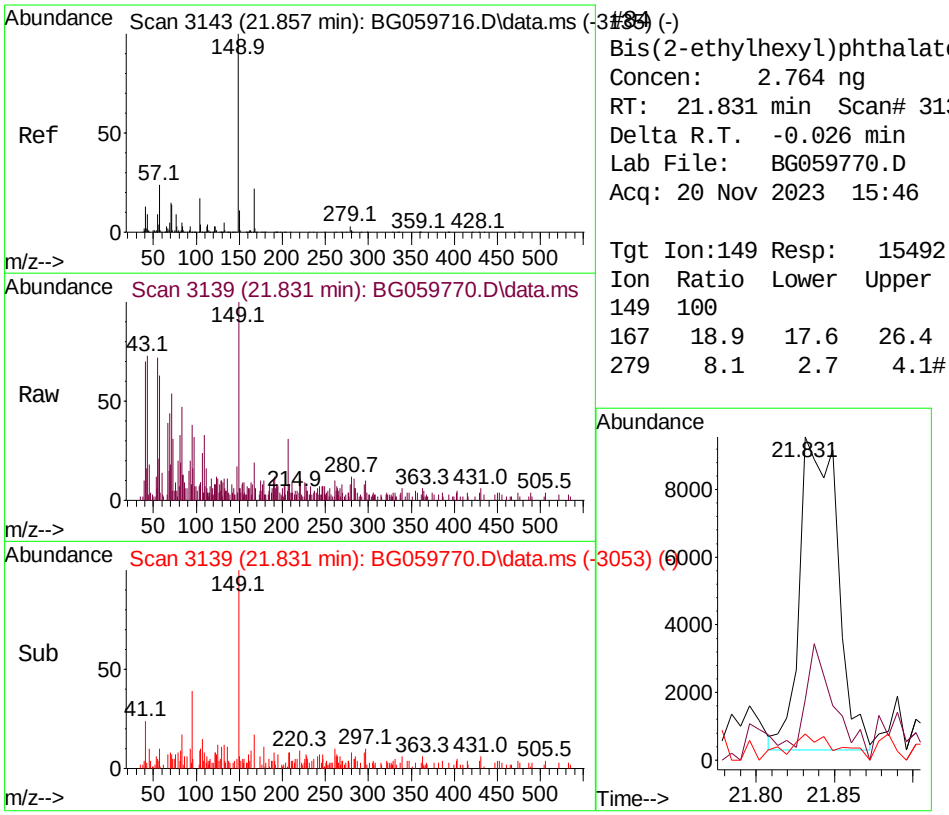


#79
Terphenyl-d14
Concen: 56.425 ng
RT: 20.286 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:244 Resp: 549298

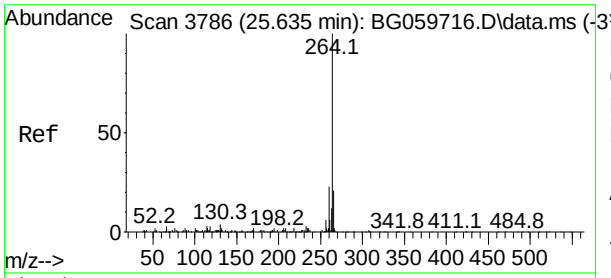
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	4.8	4.4	6.6

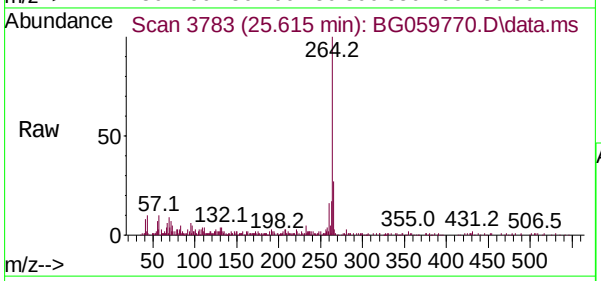


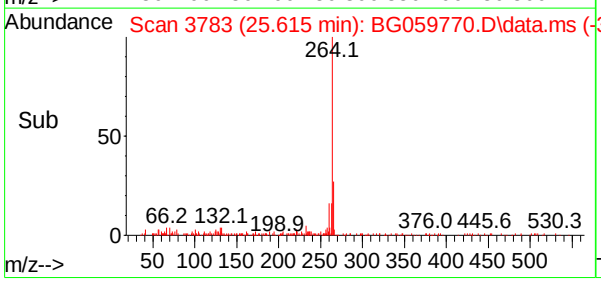
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.764 ng
RT: 21.831 min Scan# 3139
Delta R.T. -0.026 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Tgt Ion:149 Resp: 15492

Ion	Ratio	Lower	Upper
149	100		
167	18.9	17.6	26.4
279	8.1	2.7	4.1#







#86
Perylene-d12
Concen: 20.000 ng
RT: 25.615 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG059770.D
Acq: 20 Nov 2023 15:46

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Tgt Ion:264 Resp: 176733

Ion	Ratio	Lower	Upper
264	100		
260	16.3	18.5	27.7#
265	27.3	17.0	25.6#