Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Time: Aug 09 04:11:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	31423	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	145995	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	116180	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	289914	20.000	ng	0.00
76) Chrysene-d12	21.449	240	258600	20.000	ng	0.00
86) Perylene-d12	24.522	264	315664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	136506	66.398	ng	0.00
7) Phenol-d6	6.984	99	119864	41.900	ng	0.00
23) Nitrobenzene-d5	8.976	82	262585	88.356	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	233699	122.723	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	680492	87.776	ng	0.00
79) Terphenyl-d14	19.828	244	1197135	87.055	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.917	117	52346	66.600	ng	# 1
24) Nitrobenzene	8.999	77	9174	3.036	ng	# 8
31) Naphthalene	10.668	128	24671	3.206	ng	# 75
32) Benzoic acid	10.068	122	149	4.643	ng	# 1
37) 2-Methylnaphthalene	12.278	142	39386	7.156	ng	100
38) 1-Methylnaphthalene	12.495	142	63888	12.211	ng	99
51) 2,6-Dinitrotoluene	14.457	165	15266	7.974	ng	# 26
56) 4-Nitrophenol	14.675	139	54	3.361	ng	# 17
63) Azobenzene	15.815	77	29660	3.388	ng	# 1
67) 4-Bromophenyl-phenylether	15.950	248	14628	4.449	ng	# 1
77) Benzidine	19.828	184	15502	3.953	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
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Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

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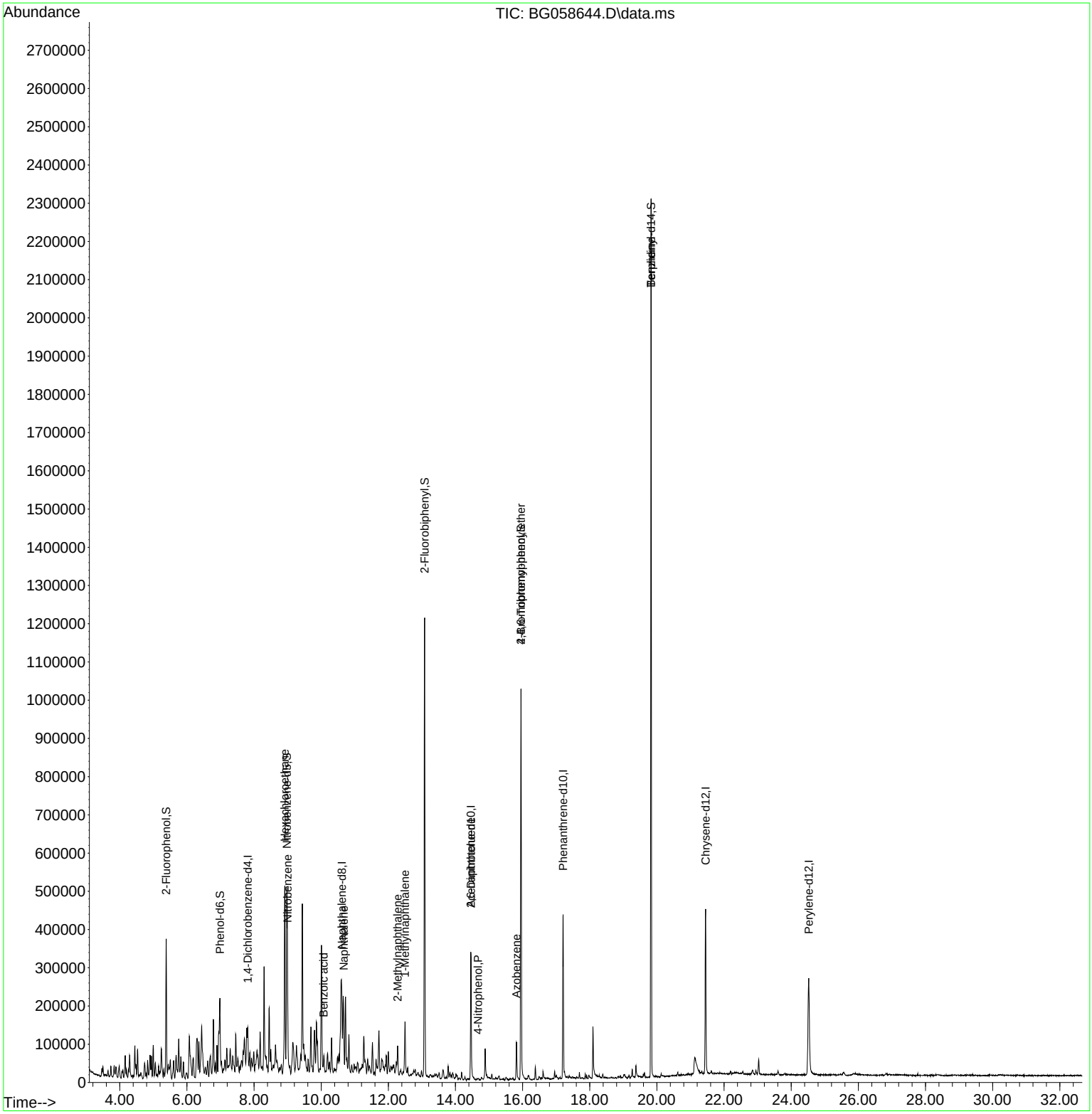
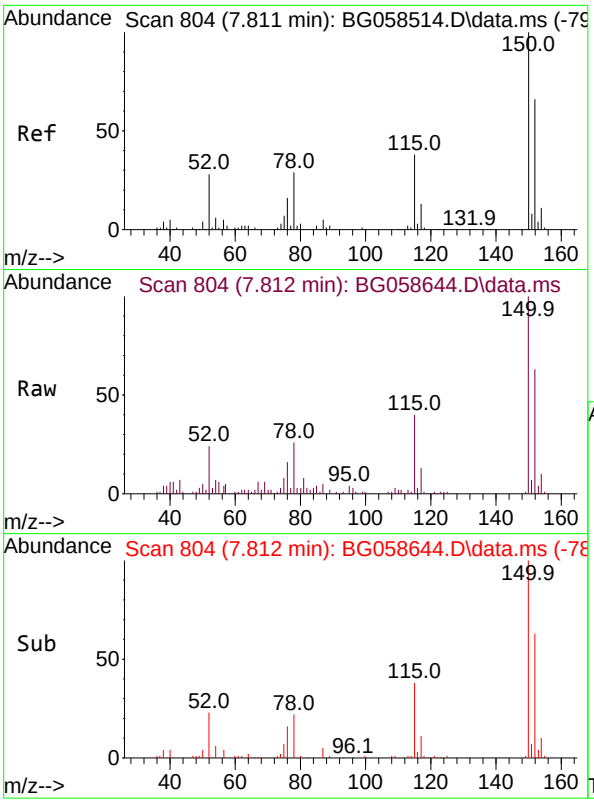


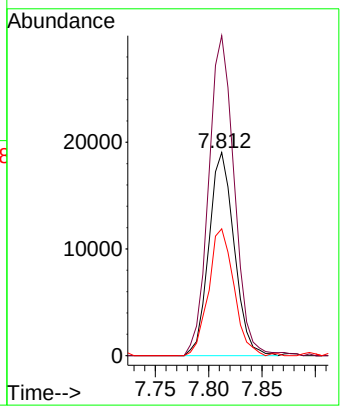


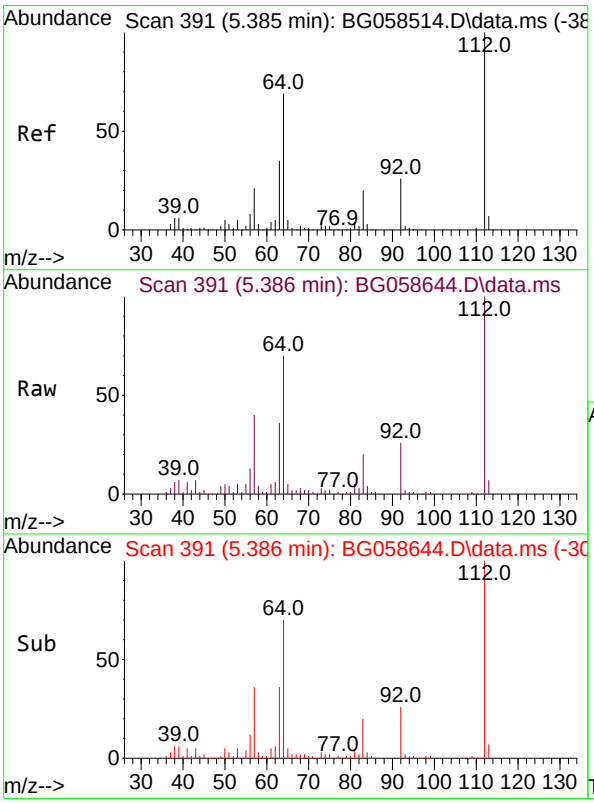
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:152 Resp: 31423

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.5	180.7
115	62.4	45.9	68.9

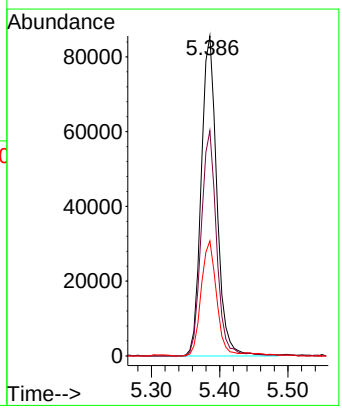


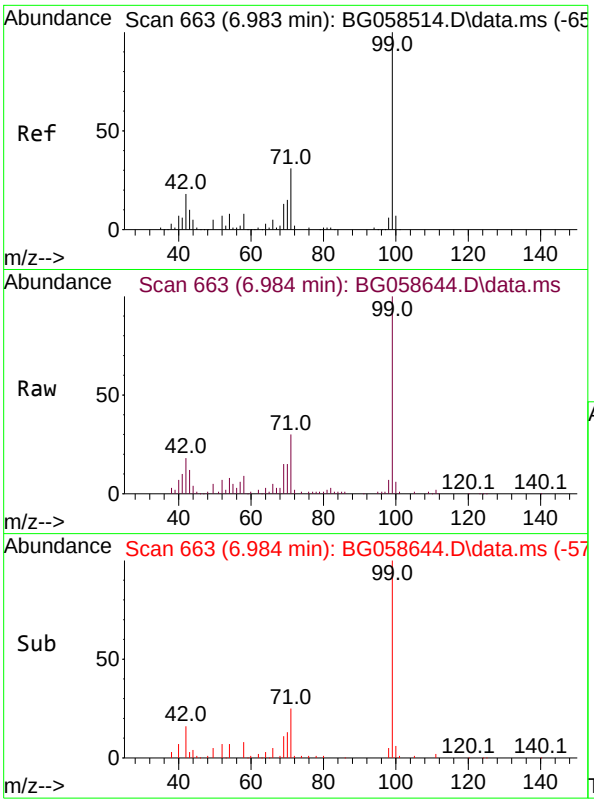


#5
2-Fluorophenol
Concen: 66.398 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:112 Resp: 136506

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.3	82.9
63	35.9	28.3	42.5



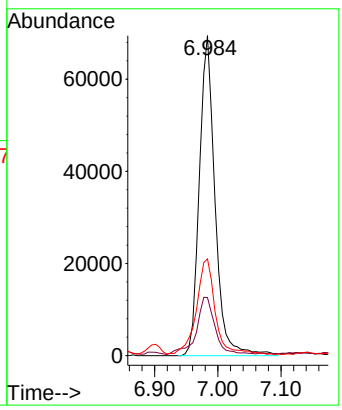


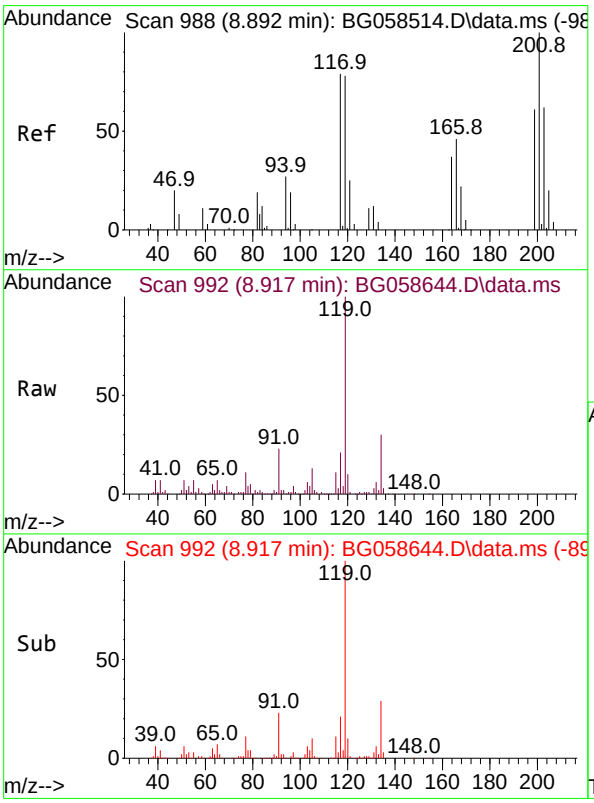
#7
Phenol-d6
Concen: 41.900 ng
RT: 6.984 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion: 99 Resp: 119864

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	30.3	25.0	37.4

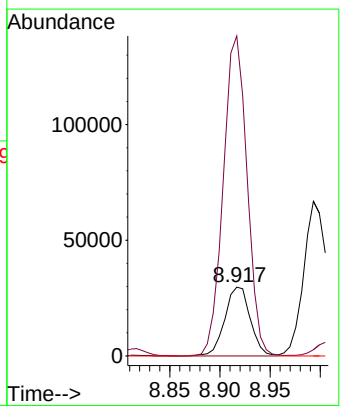


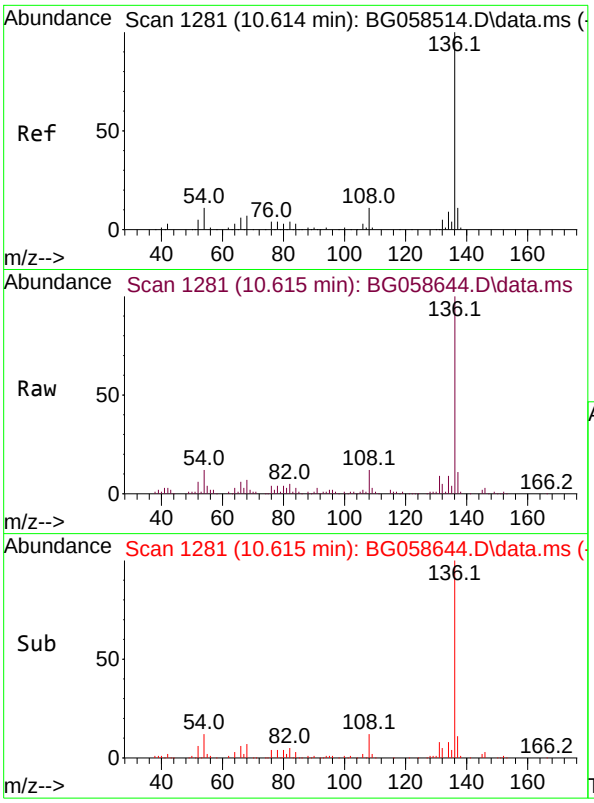


#18
Hexachloroethane
Concen: 66.600 ng
RT: 8.917 min Scan# 992
Delta R.T. 0.024 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:117 Resp: 52346

Ion	Ratio	Lower	Upper
117	100		
119	465.6	78.6	117.8#
201	0.0	101.4	152.0#



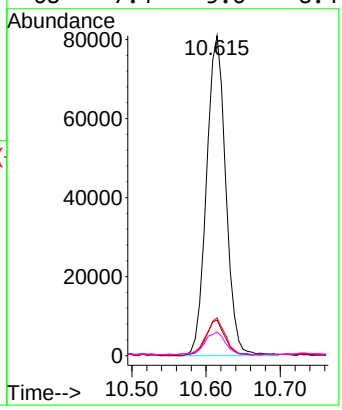


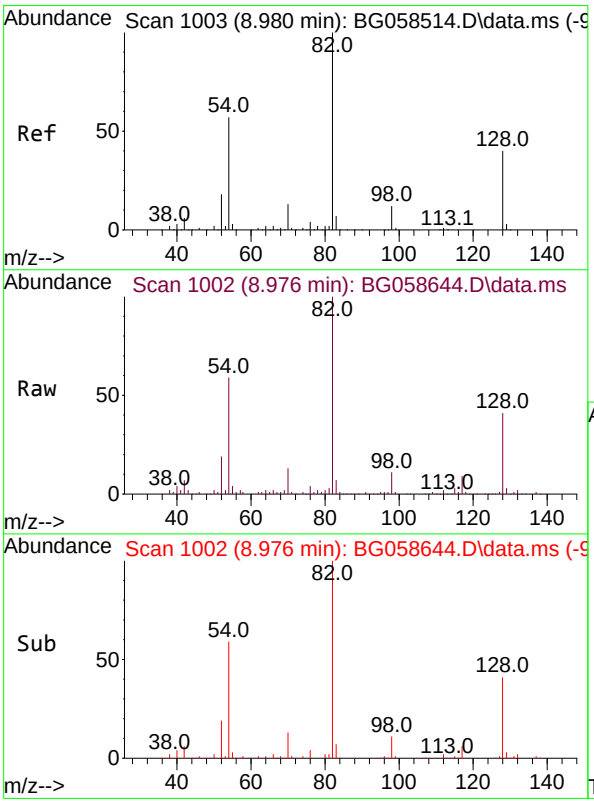
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:136 Resp: 145995

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	11.8	8.9	13.3
68	7.4	5.6	8.4

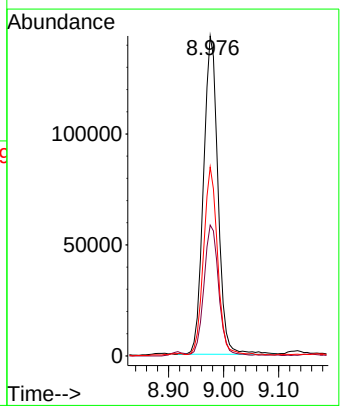


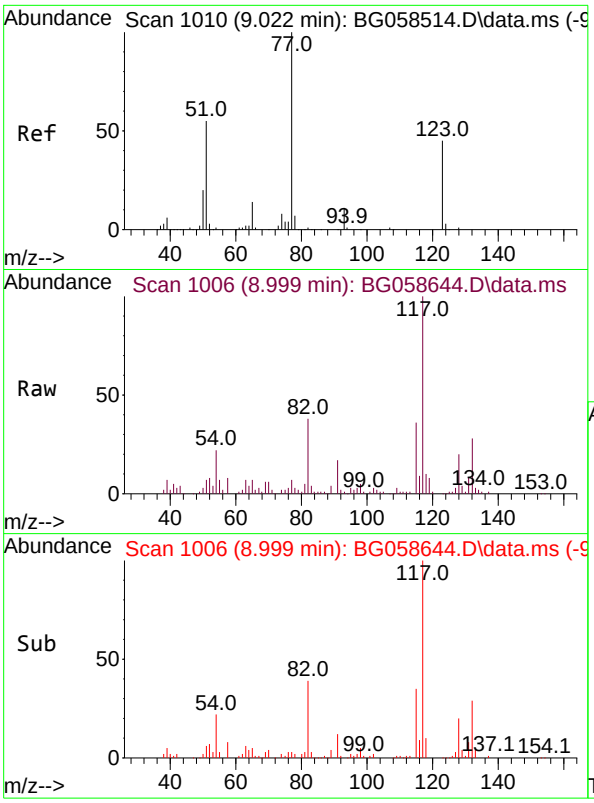


#23
Nitrobenzene-d5
Concen: 88.356 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion: 82 Resp: 262585

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.2	48.2
54	59.0	46.0	69.0



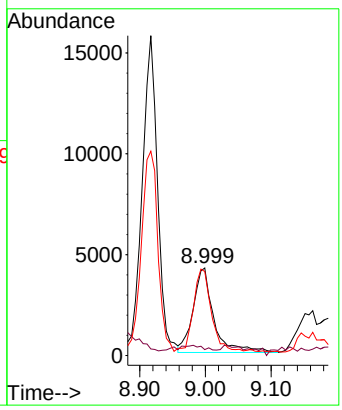


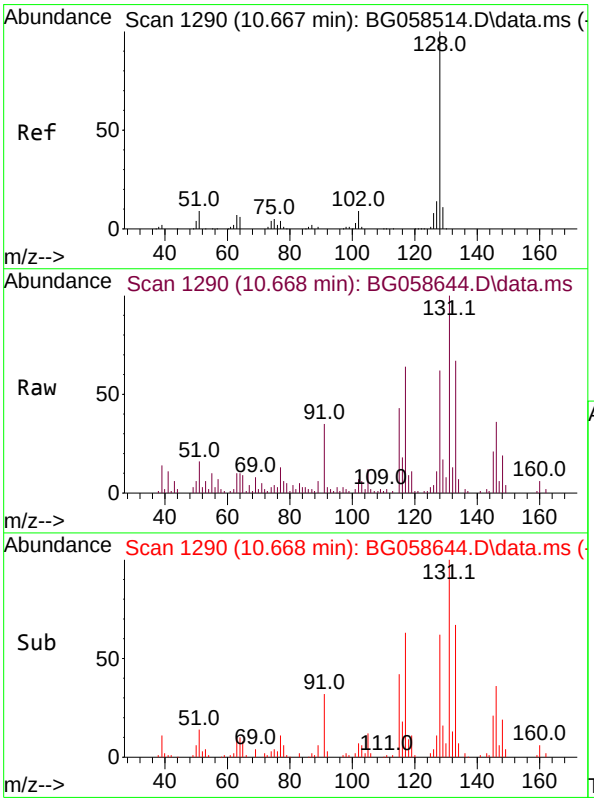
#24
Nitrobenzene
Concen: 3.036 ng
RT: 8.999 min Scan# 10
Delta R.T. -0.023 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion: 77 Resp: 9174

Ion	Ratio	Lower	Upper
77	100		
123	6.9	35.6	53.4#
65	96.0	11.4	17.0#

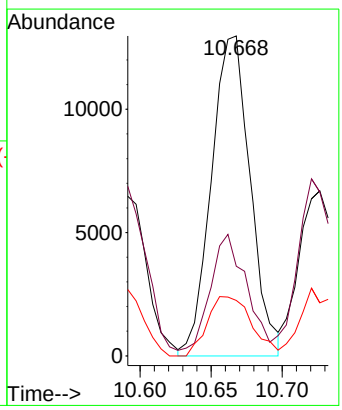


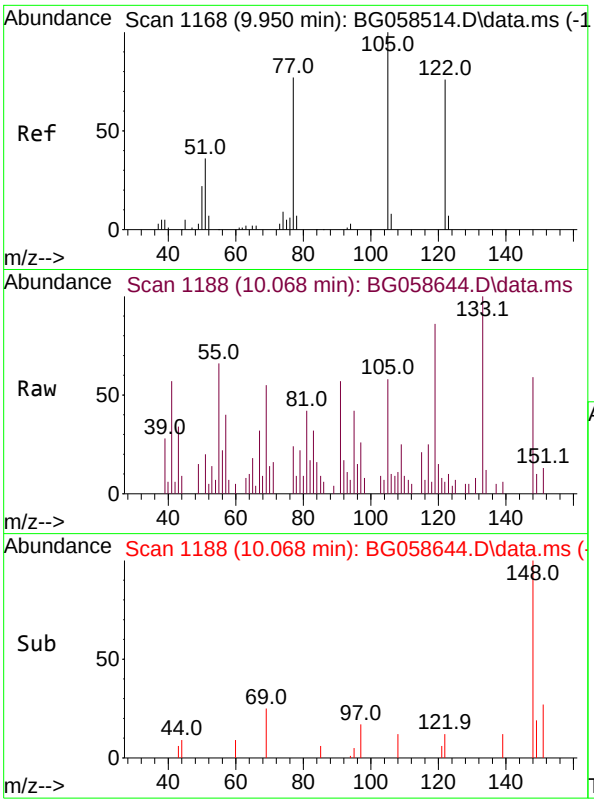


#31
Naphthalene
Concen: 3.206 ng
RT: 10.668 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:128 Resp: 24671

Ion	Ratio	Lower	Upper
128	100		
129	28.0	8.8	13.2#
127	17.3	10.9	16.3#



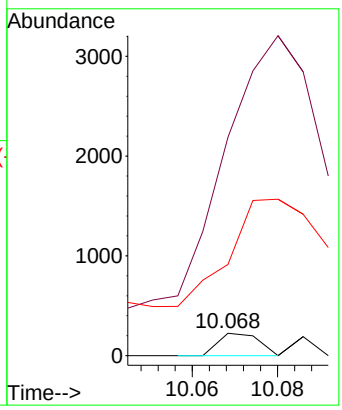


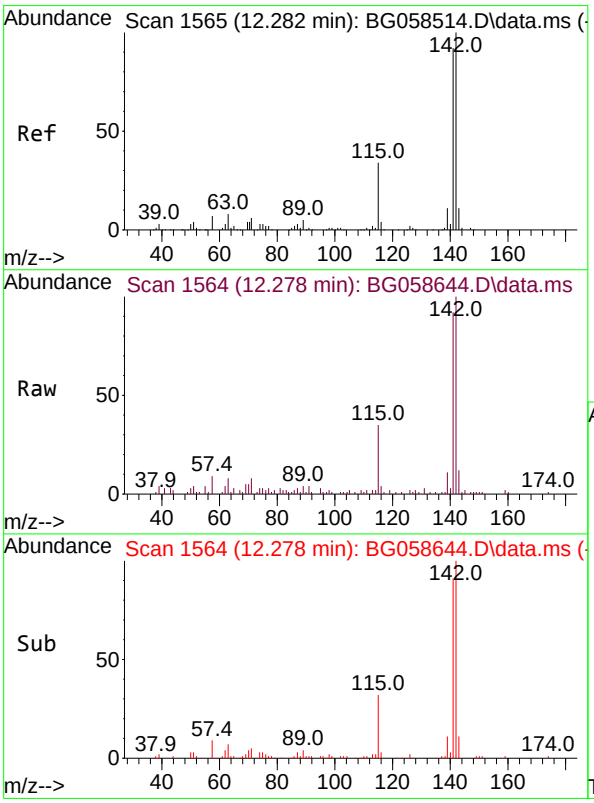
#32
Benzoic acid
Concen: 4.643 ng
RT: 10.068 min Scan# 11
Delta R.T. 0.118 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:122 Resp: 149

Ion	Ratio	Lower	Upper
122	100		
105	977.2	106.5	146.5#
77	407.6	78.1	118.1#

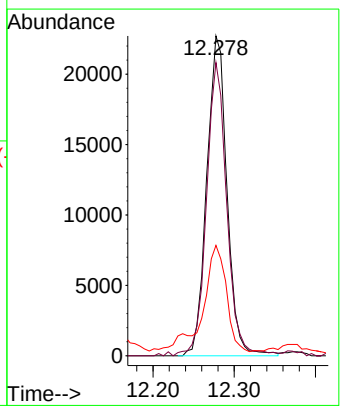


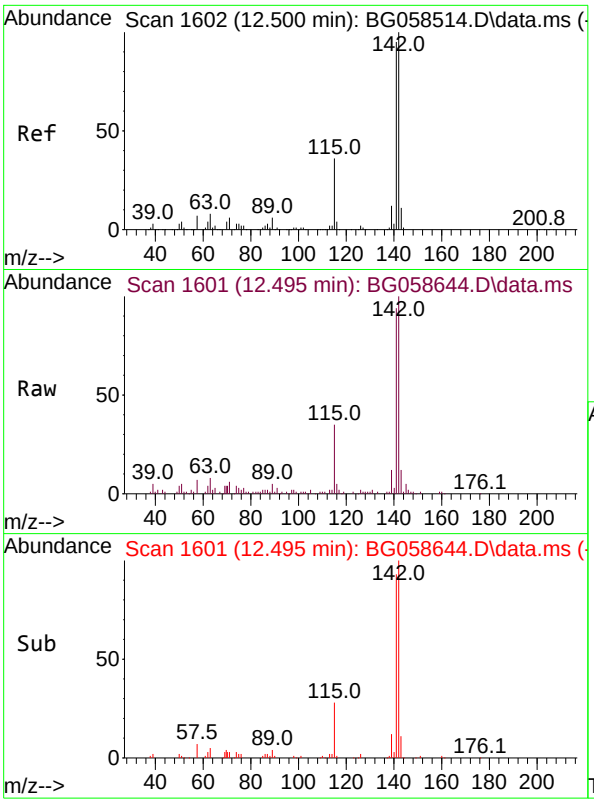


#37
2-Methylnaphthalene
Concen: 7.156 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:142 Resp: 39386

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3
115	34.5	27.4	41.0



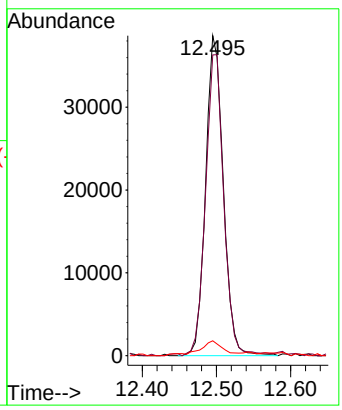


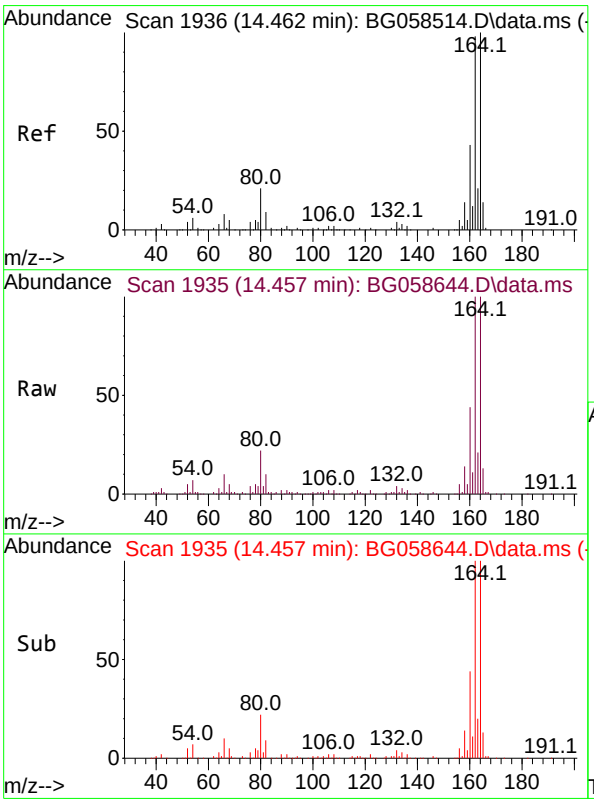
#38
1-Methylnaphthalene
Concen: 12.211 ng
RT: 12.495 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:142 Resp: 63888

Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.7	113.5
116	4.6	3.2	4.8

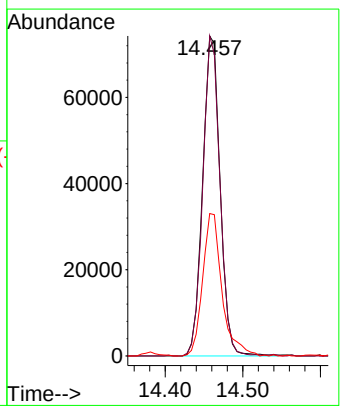


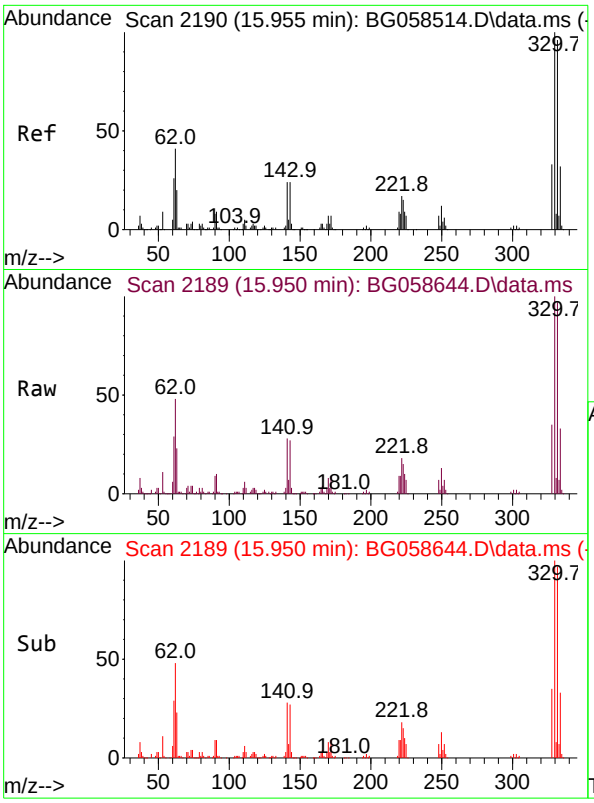


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:164 Resp: 116180

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.3	117.5
160	44.5	34.1	51.1



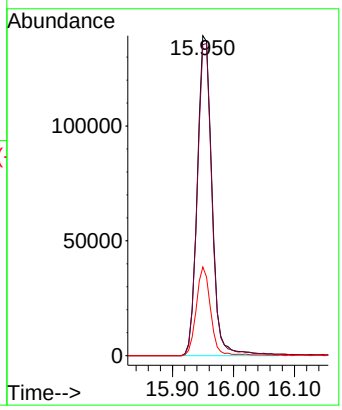


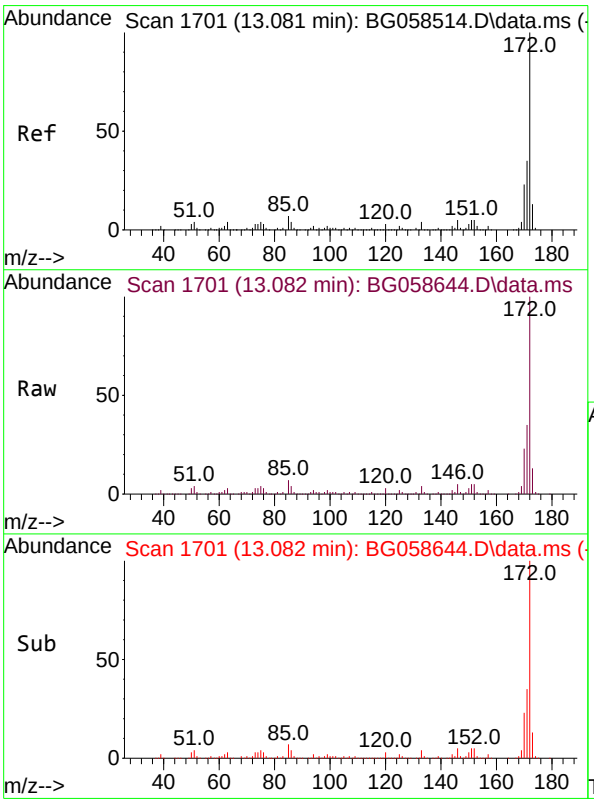
#42
2,4,6-Tribromophenol
Concen: 122.723 ng
RT: 15.950 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:330 Resp: 233699

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.5	116.3
141	26.5	20.7	31.1

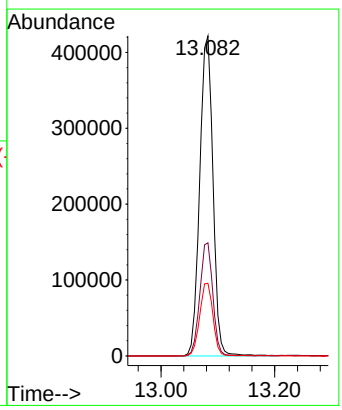


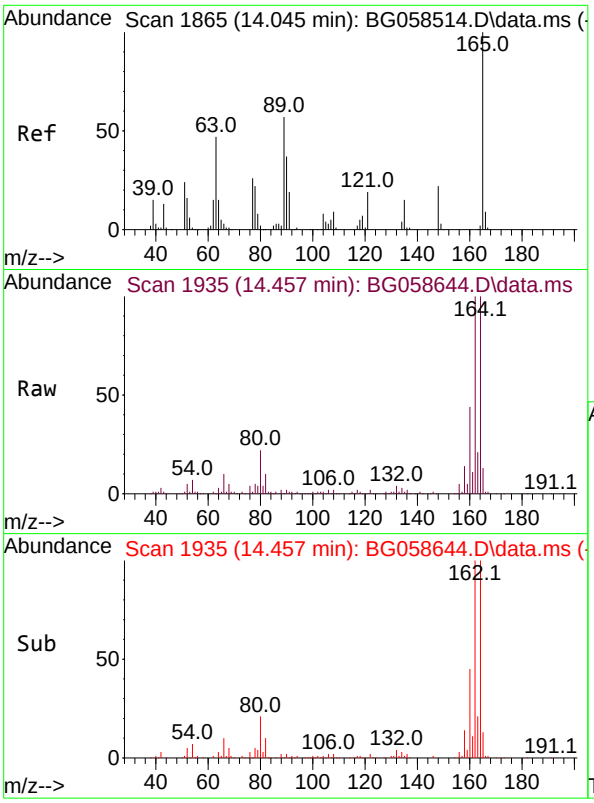


#45
2-Fluorobiphenyl
Concen: 87.776 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:172 Resp: 680492

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	22.7	18.4	27.6



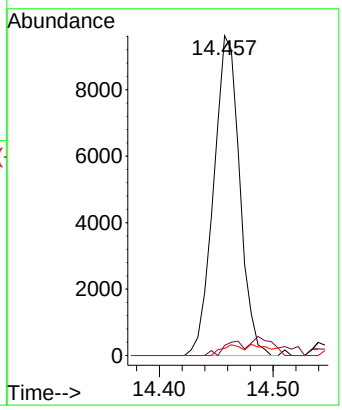


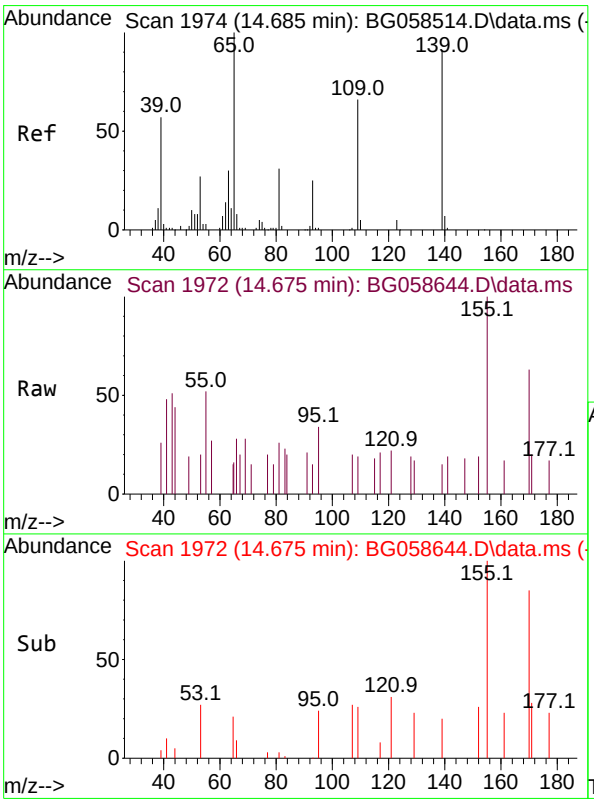
#51
2,6-Dinitrotoluene
Concen: 7.974 ng
RT: 14.457 min Scan# 19
Delta R.T. 0.412 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:165 Resp: 15266

Ion	Ratio	Lower	Upper
165	100		
63	3.2	46.4	69.6#
89	2.2	45.3	67.9#

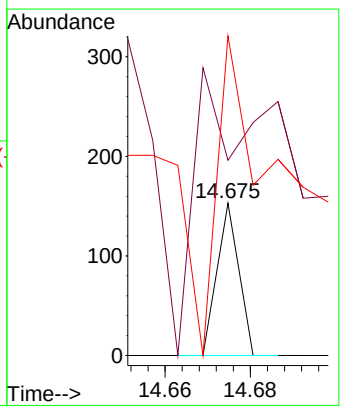


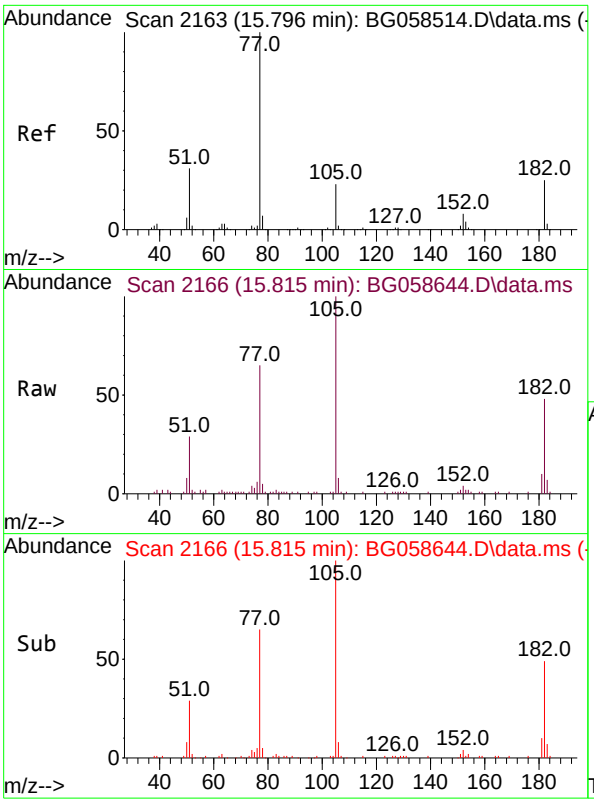


#56
4-Nitrophenol
Concen: 3.361 ng
RT: 14.675 min Scan# 1972
Delta R.T. -0.010 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	128.1	52.5	92.5#
65	209.8	90.5	130.5#



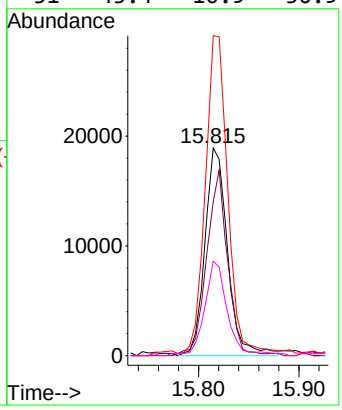


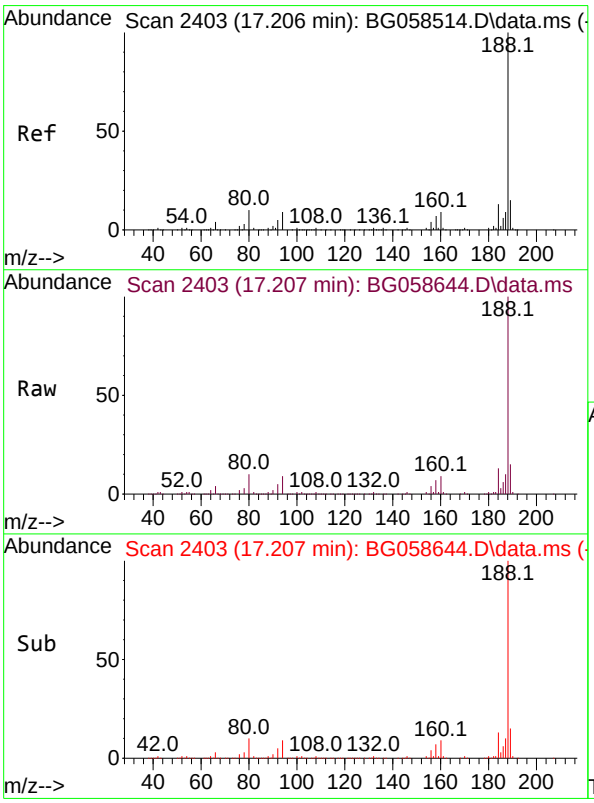
#63
Azobenzene
Concen: 3.388 ng
RT: 15.815 min Scan# 21
Delta R.T. 0.019 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion: 77 Resp: 29660

Ion	Ratio	Lower	Upper
77	100		
182	74.1	4.6	44.6#
105	154.2	3.3	43.3#
51	45.4	10.9	50.9

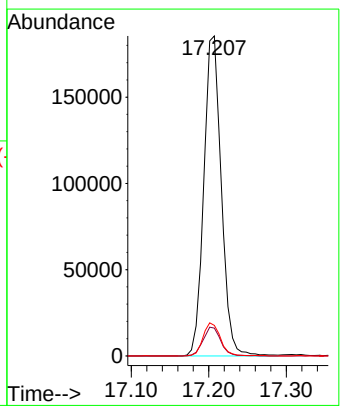


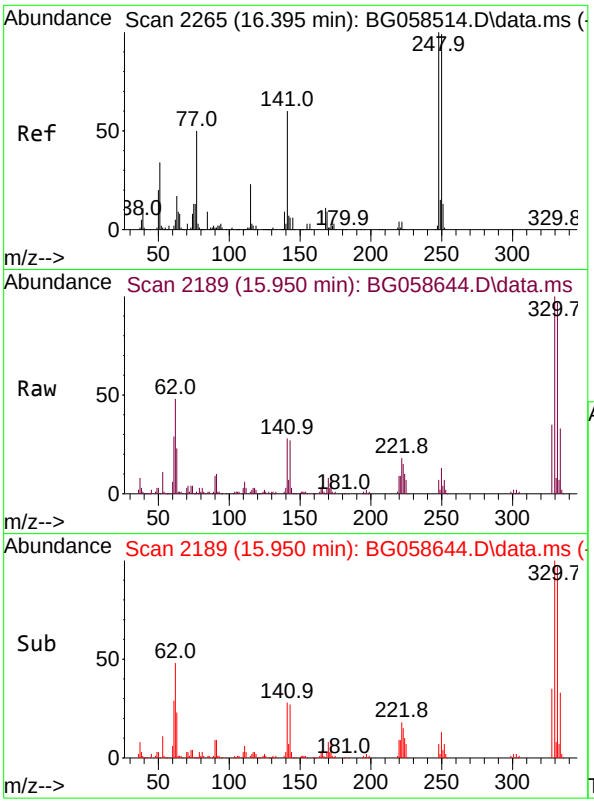


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:188 Resp: 289914

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.6	8.1	12.1



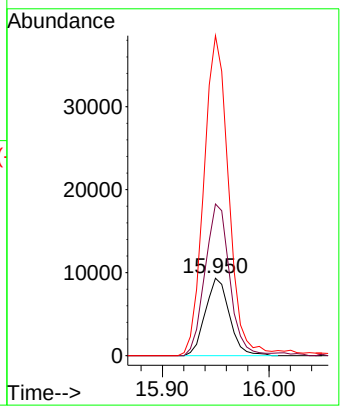


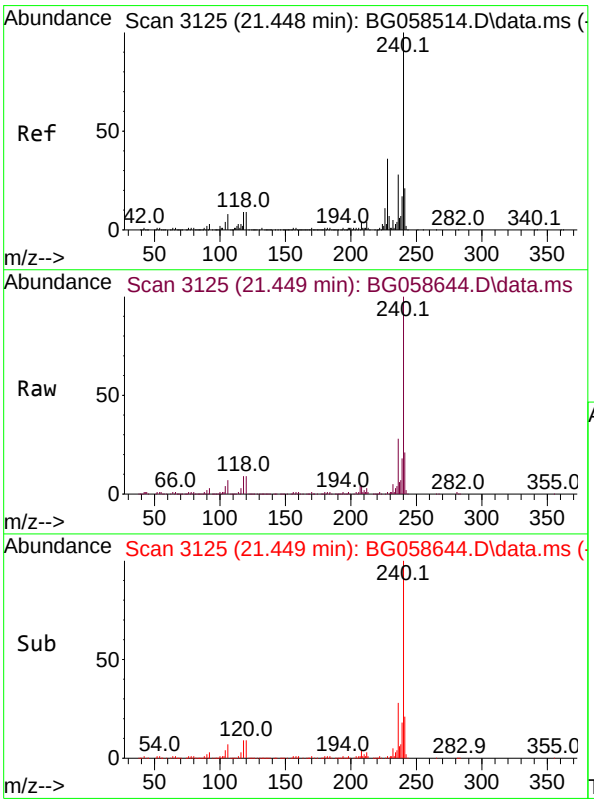
#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 15.950 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:248 Resp: 14628

Ion	Ratio	Lower	Upper
248	100		
250	195.7	79.5	119.3#
141	413.2	48.2	72.2#

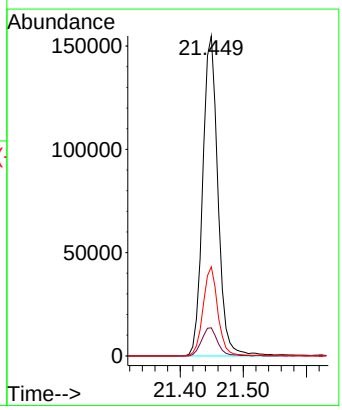


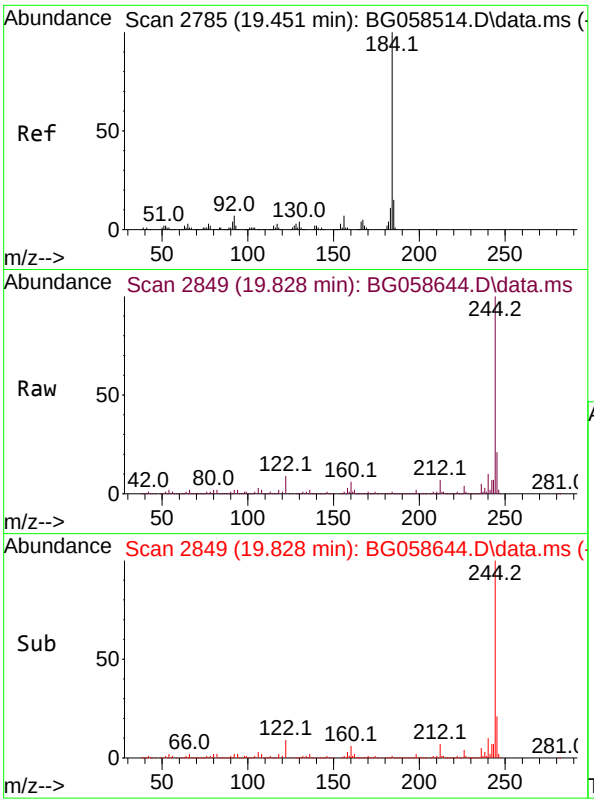


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:240 Resp: 258600

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.4	11.0
236	27.8	22.2	33.4



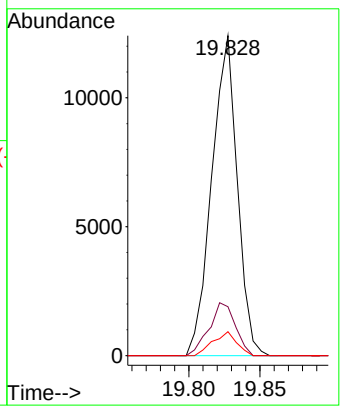


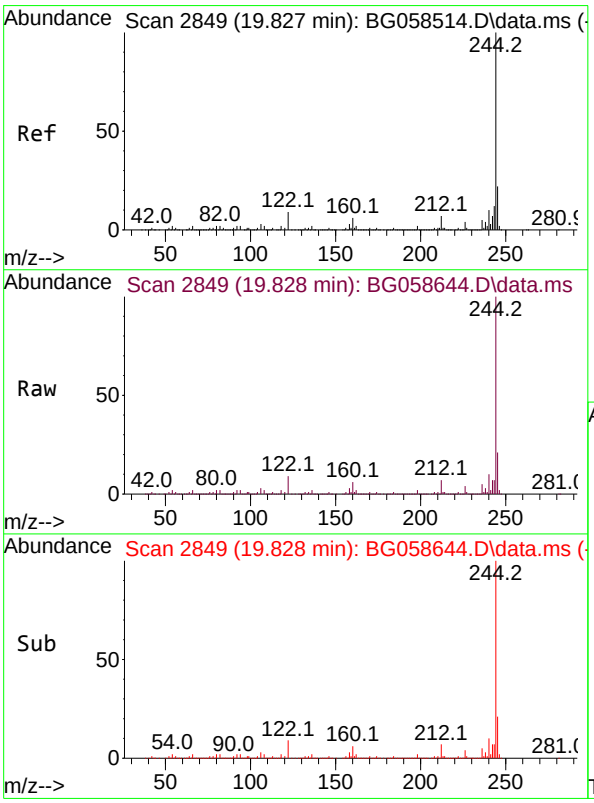
#77
Benzidine
Concen: 3.953 ng
RT: 19.828 min Scan# 28
Delta R.T. 0.377 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:184 Resp: 15502

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.9	17.9
183	7.5	8.7	13.1#

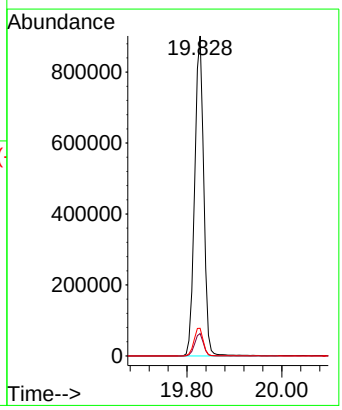


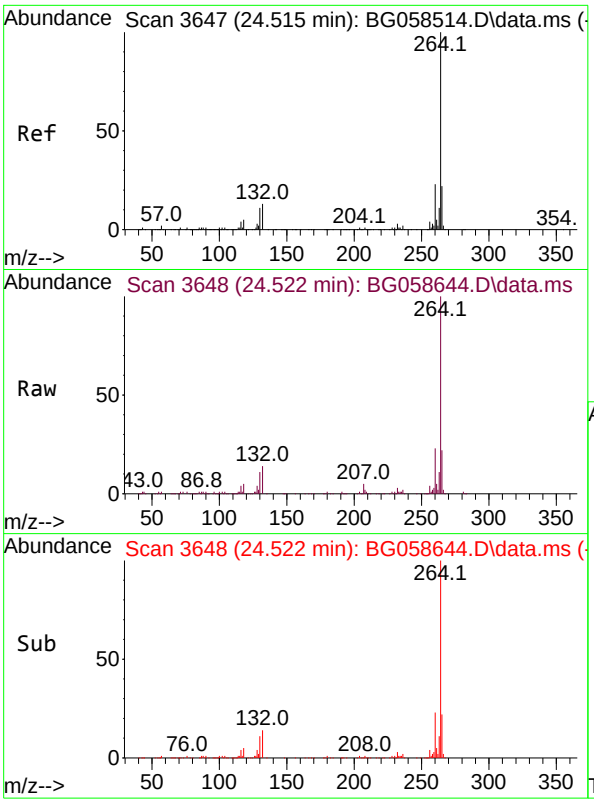


#79
Terphenyl-d14
Concen: 87.055 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:244 Resp: 1197135

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	8.6	6.8	10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Instrument :
BNA_G
ClientSampleId :
MW-10W

Tgt Ion:264 Resp: 315664

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.0	17.9	26.9