Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053630.D
Acq On : 19 May 2022 17:34
Operator : CG/JU
Sample : N2824-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAC-1

Quant Time: May 20 03:57:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	32954	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	127825	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	87874	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	169789	20.000	ng	0.00
76) Chrysene-d12	21.758	240	161888	20.000	ng	# 0.02
86) Perylene-d12	25.112	264	151243	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	162418	83.645	ng	0.00
7) Phenol-d6	7.236	99	252638	85.730	ng	0.00
23) Nitrobenzene-d5	9.239	82	184308	61.378	ng	0.00
42) 2,4,6-Tribromophenol	16.189	330	101502	78.317	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	428625	71.277	ng	0.00
79) Terphenyl-d14	20.060	244	545327	62.738	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	27930	13.210	ng	# 77
51) 2,6-Dinitrotoluene	14.697	165	11910	8.755	ng	# 33
57) 2,4-Dinitrotoluene	14.697	165	11910	6.040	ng	# 37
67) 4-Bromophenyl-phenylether	16.189	248	6245	3.149	ng	# 1
81) Benzo(a)anthracene	21.781	228	31653	3.066	ng	# 33
83) Chrysene	21.781	228	31397	3.256	ng	# 37

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

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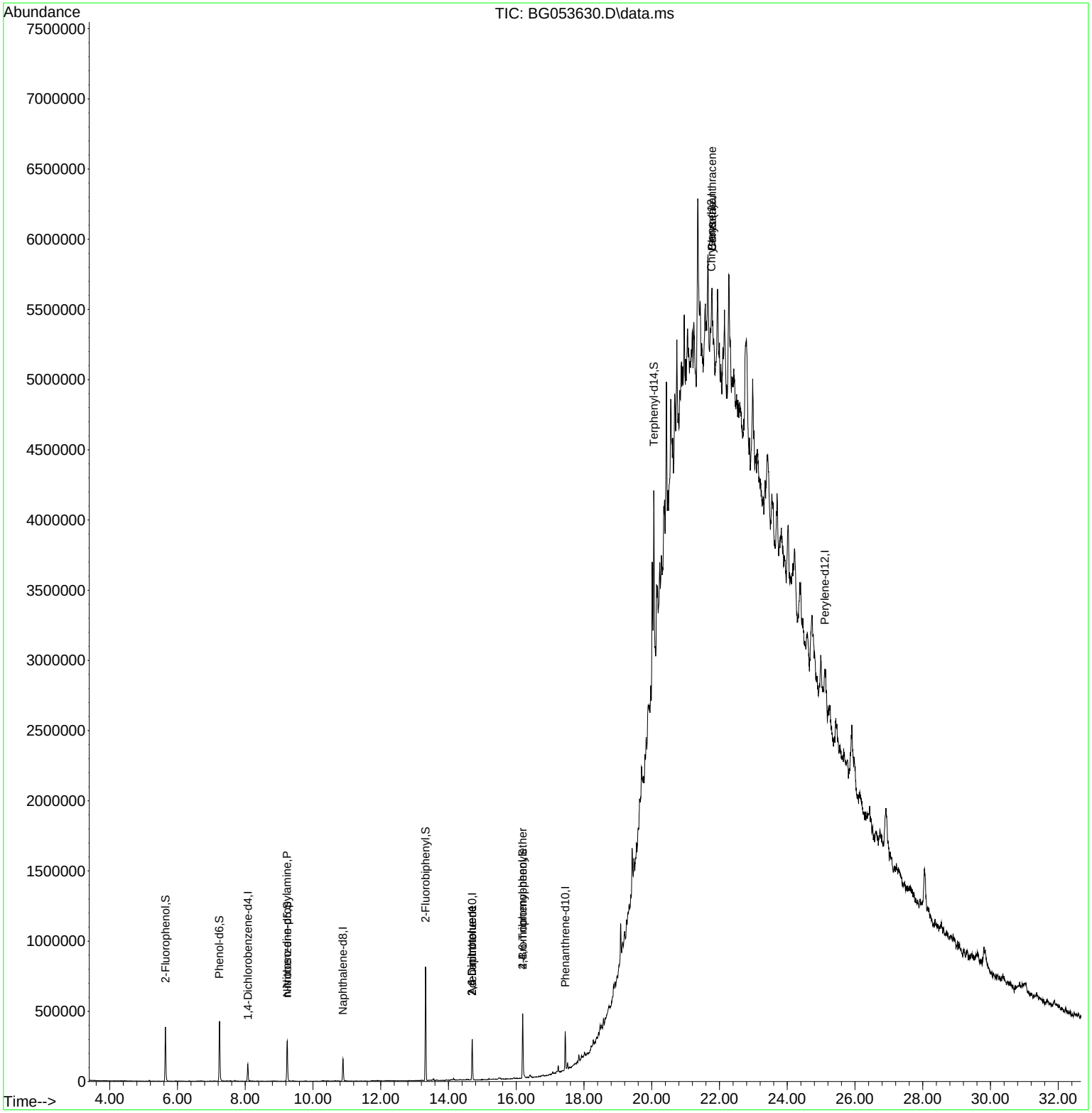
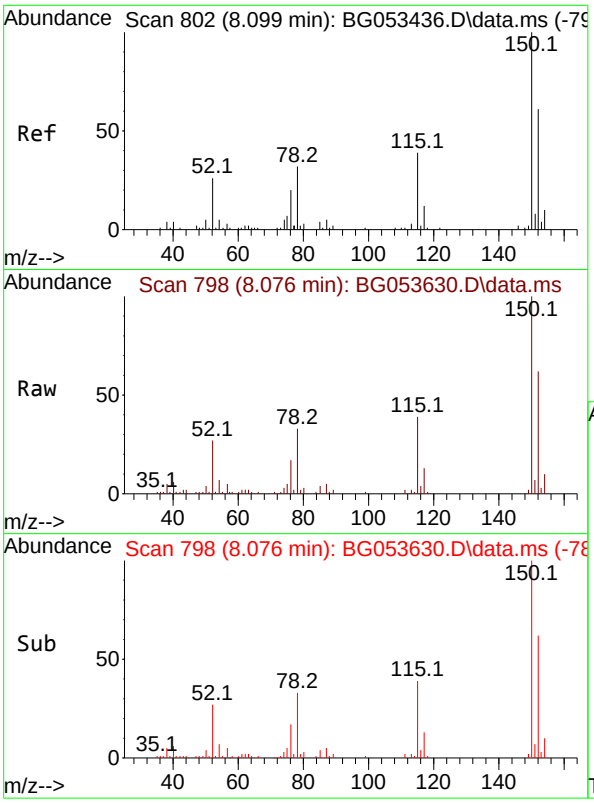


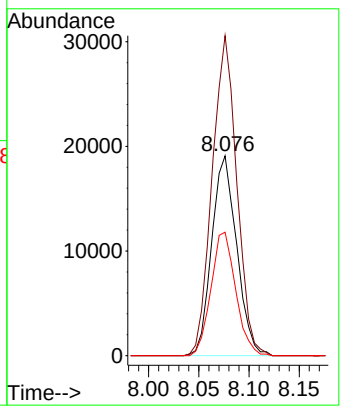


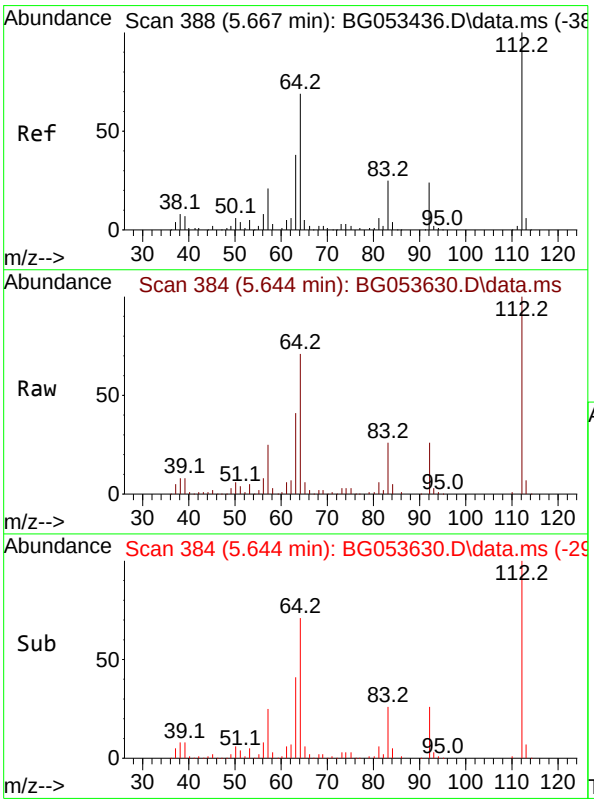
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:152 Resp: 32954

Ion	Ratio	Lower	Upper
152	100		
150	160.2	131.6	197.4
115	61.8	50.9	76.3

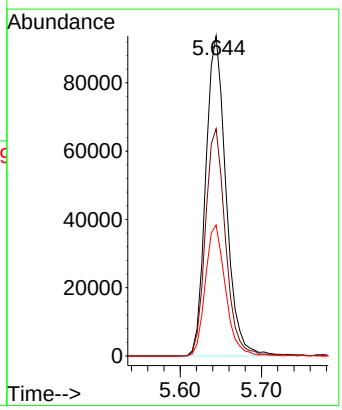


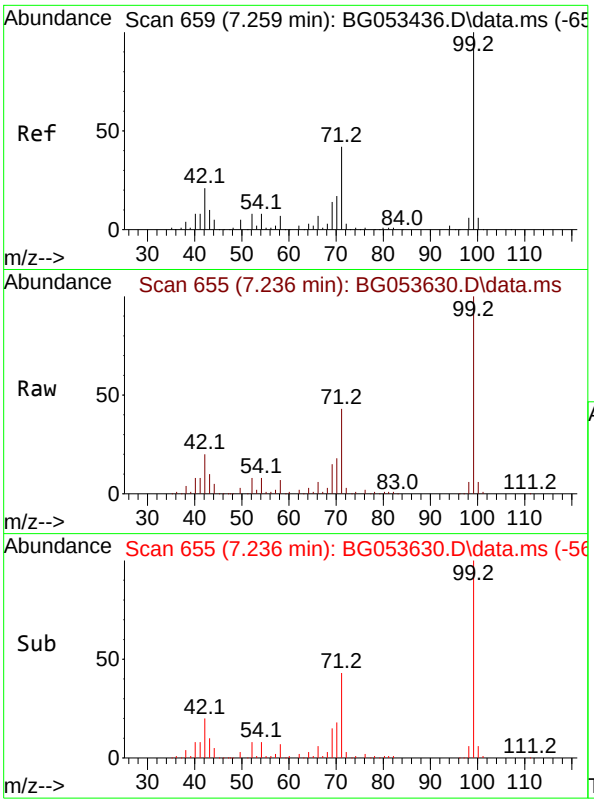


#5
2-Fluorophenol
Concen: 83.645 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:112 Resp: 162418

Ion	Ratio	Lower	Upper
112	100		
64	71.0	55.1	82.7
63	40.9	30.4	45.6



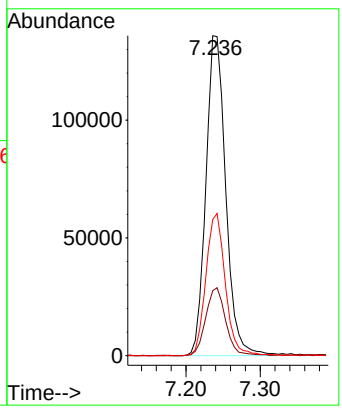


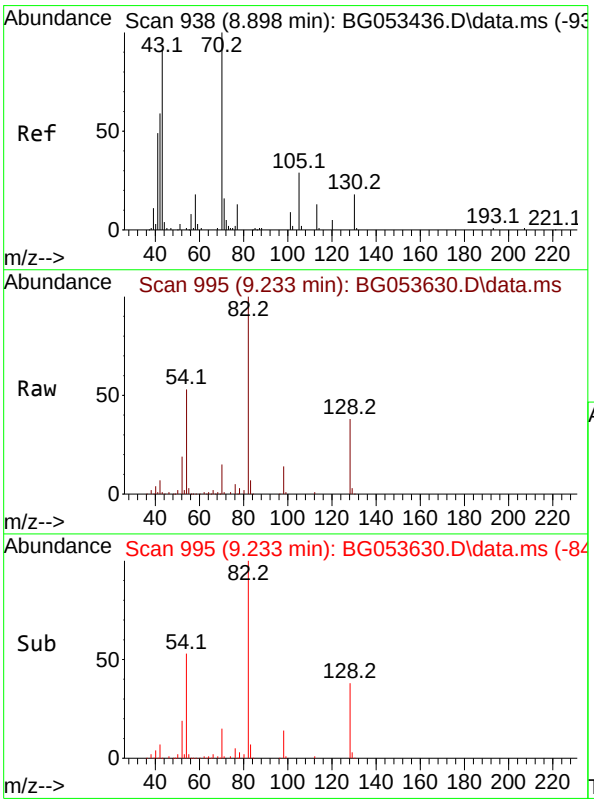
#7
Phenol-d6
Concen: 85.730 ng
RT: 7.236 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion: 99 Resp: 252638

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.6
71	42.6	33.8	50.8

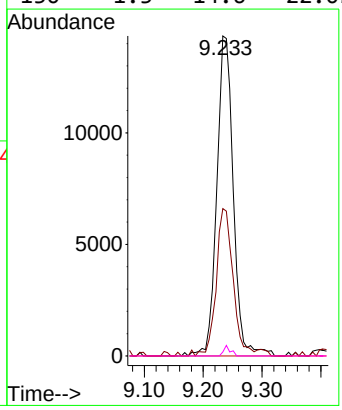


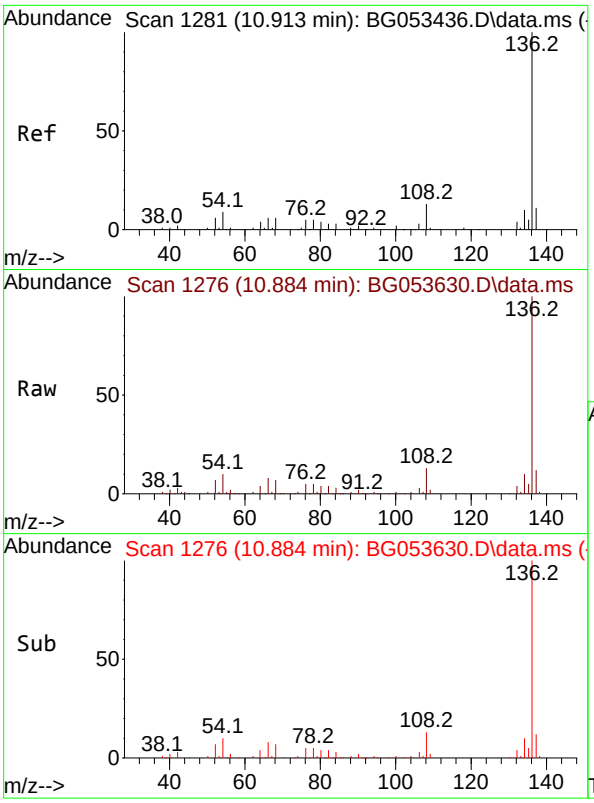


#19
n-Nitroso-di-n-propylamine
Concen: 13.210 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.354 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion: 70 Resp: 27930

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.3	70.9#
101	0.0	7.0	10.4#
130	1.3	14.6	22.0#



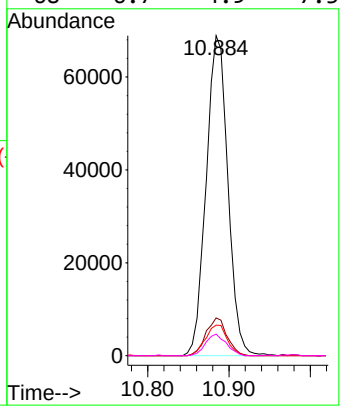


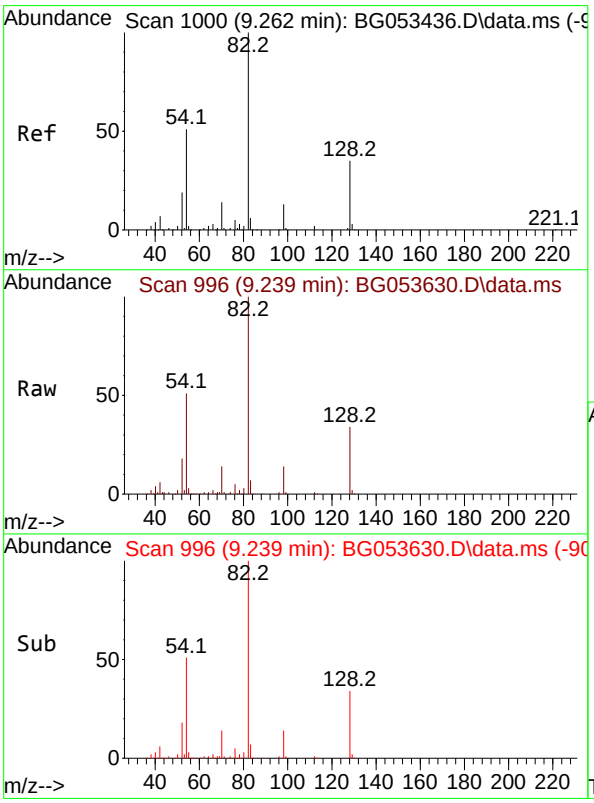
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:136 Resp: 127825

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.6	7.4	11.2
68	6.7	4.9	7.3

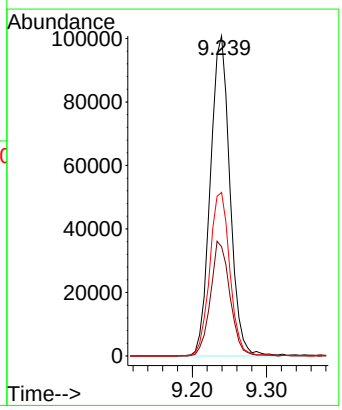


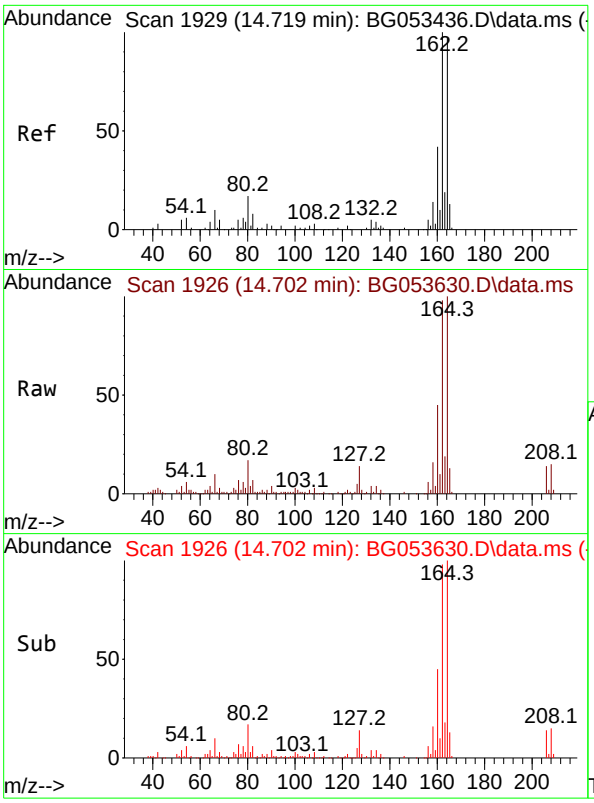


#23
Nitrobenzene-d5
Concen: 61.378 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion: 82 Resp: 184308

Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.9	41.9
54	51.1	41.2	61.8



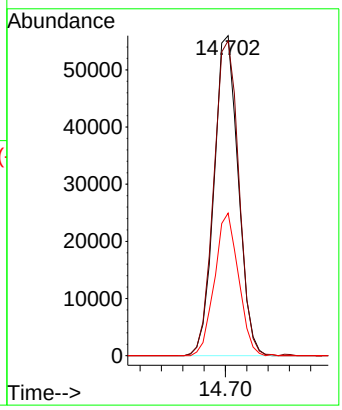


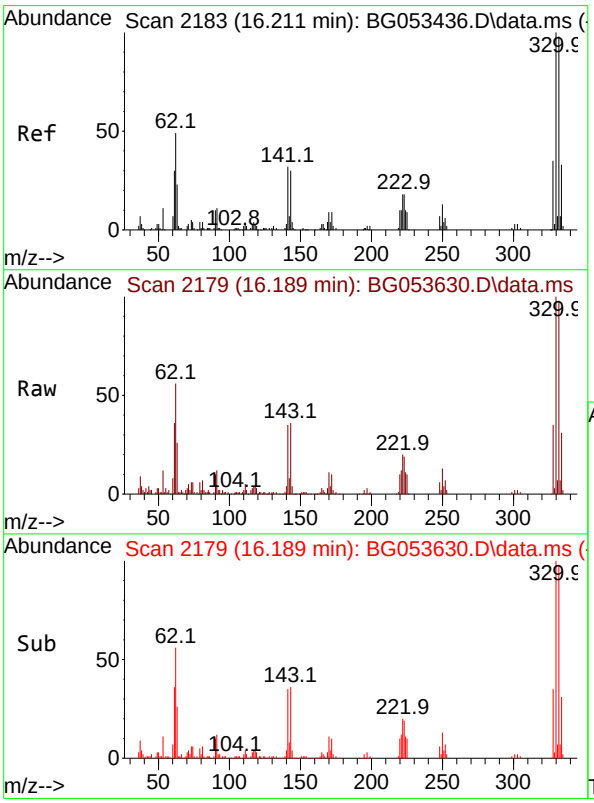
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:164 Resp: 87874

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.3	123.5
160	44.5	34.2	51.2

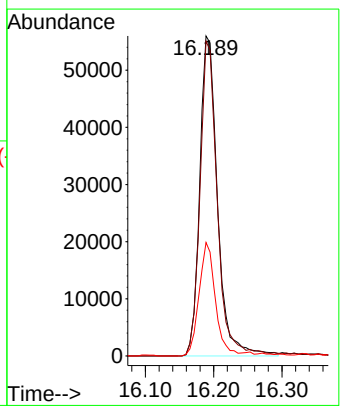


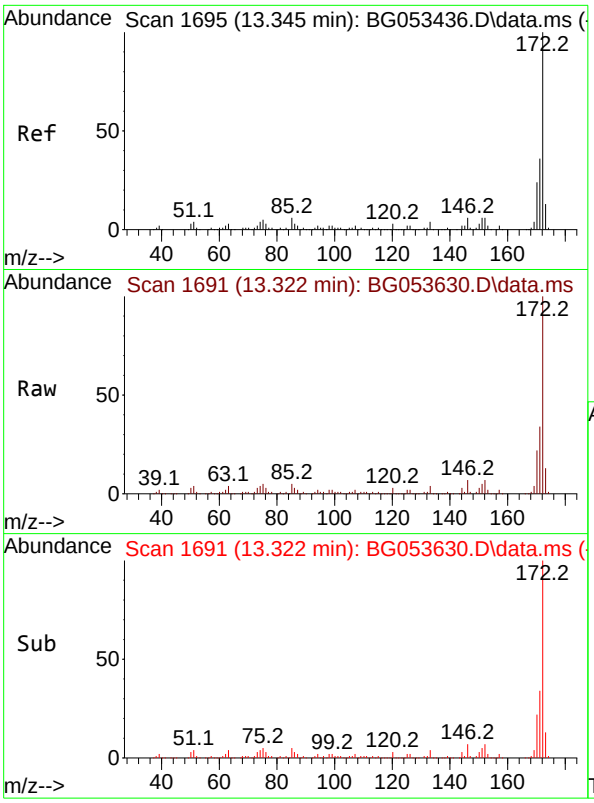


#42
2,4,6-Tribromophenol
Concen: 78.317 ng
RT: 16.189 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:330 Resp: 101502

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	32.6	27.1	40.7



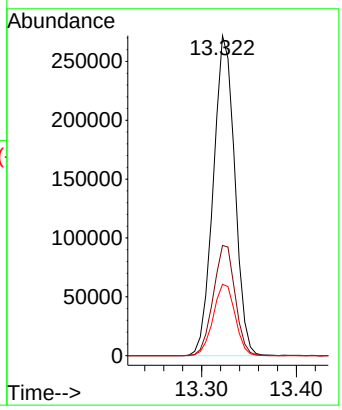


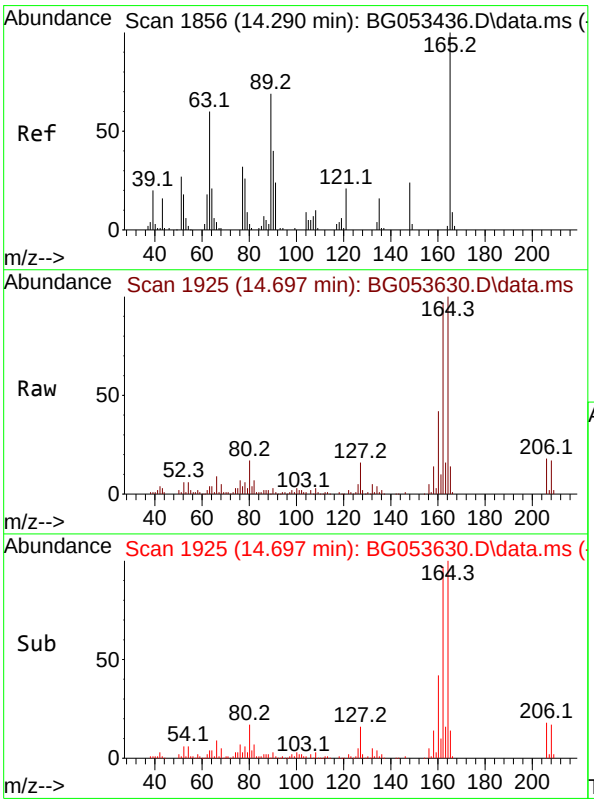
#45
2-Fluorobiphenyl
Concen: 71.277 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:172 Resp: 428625

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.3	18.9	28.3

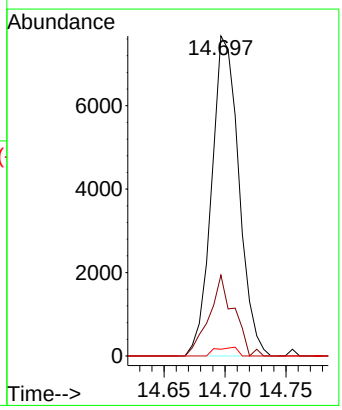


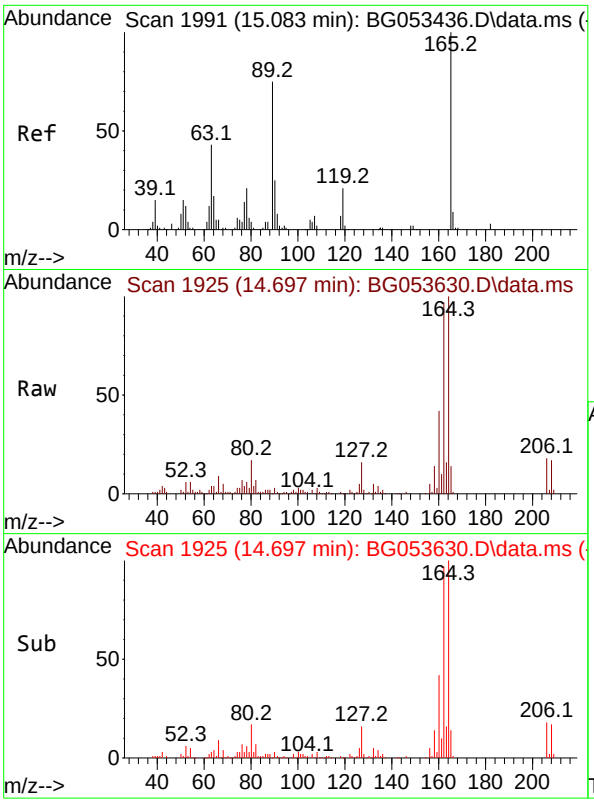


#51
2,6-Dinitrotoluene
Concen: 8.755 ng
RT: 14.697 min Scan# 1925
Delta R.T. 0.424 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:165 Resp: 11910

Ion	Ratio	Lower	Upper
165	100		
63	25.3	54.1	81.1#
89	2.1	54.8	82.2#



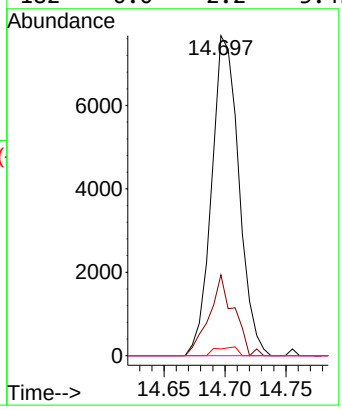


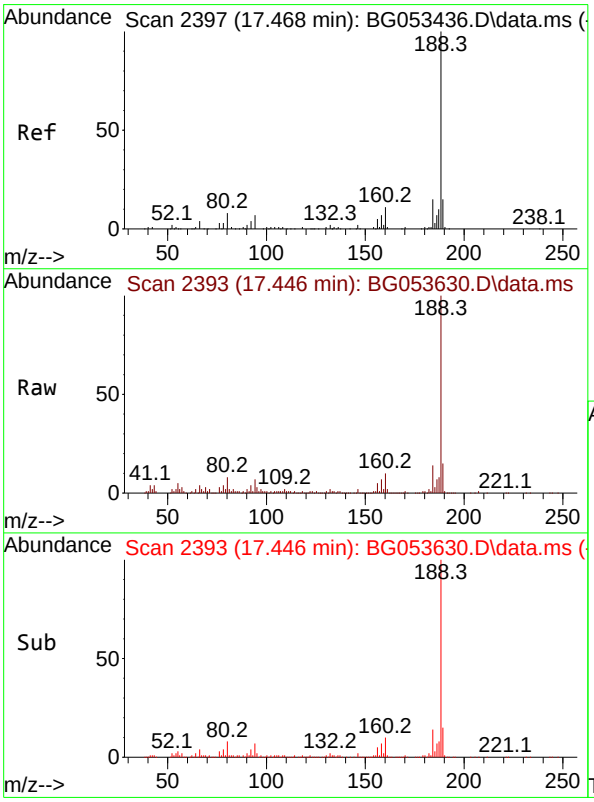
#57
2,4-Dinitrotoluene
Concen: 6.040 ng
RT: 14.697 min Scan# 1
Delta R.T. -0.369 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:165 Resp: 11910

Ion	Ratio	Lower	Upper
165	100		
63	25.3	34.6	52.0#
89	2.1	60.3	90.5#
182	0.0	2.2	3.4#

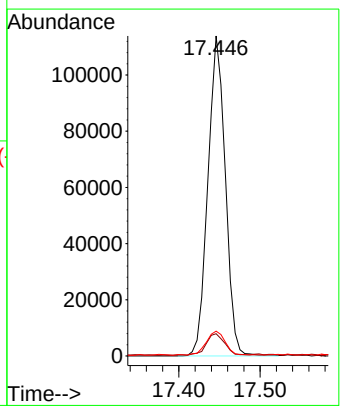


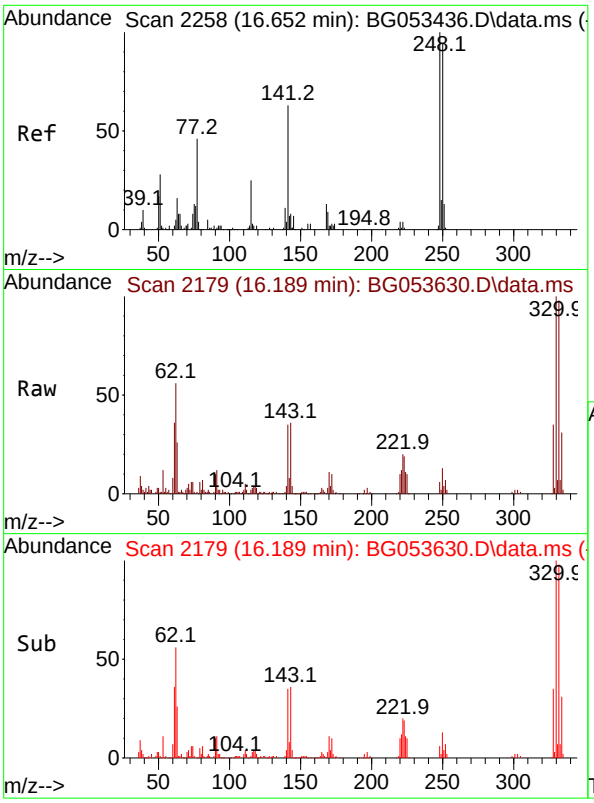


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:188 Resp: 169789

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.0
80	7.8	6.8	10.2



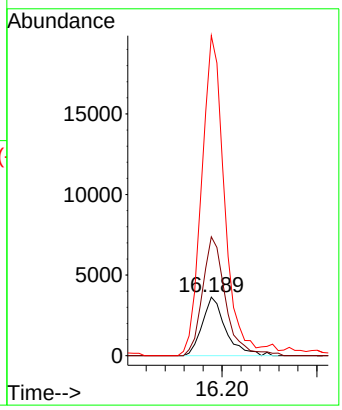


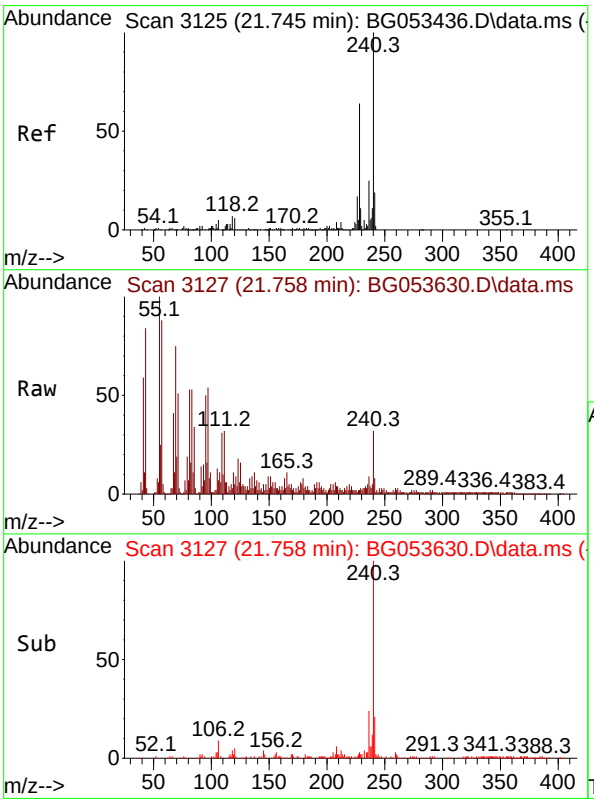
#67
4-Bromophenyl-phenylether
Concen: 3.149 ng
RT: 16.189 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:248 Resp: 6245

Ion	Ratio	Lower	Upper
248	100		
250	203.1	75.2	112.8#
141	546.5	50.0	75.0#

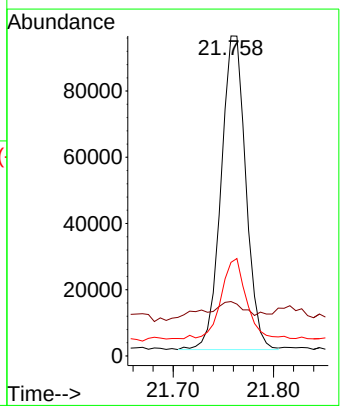


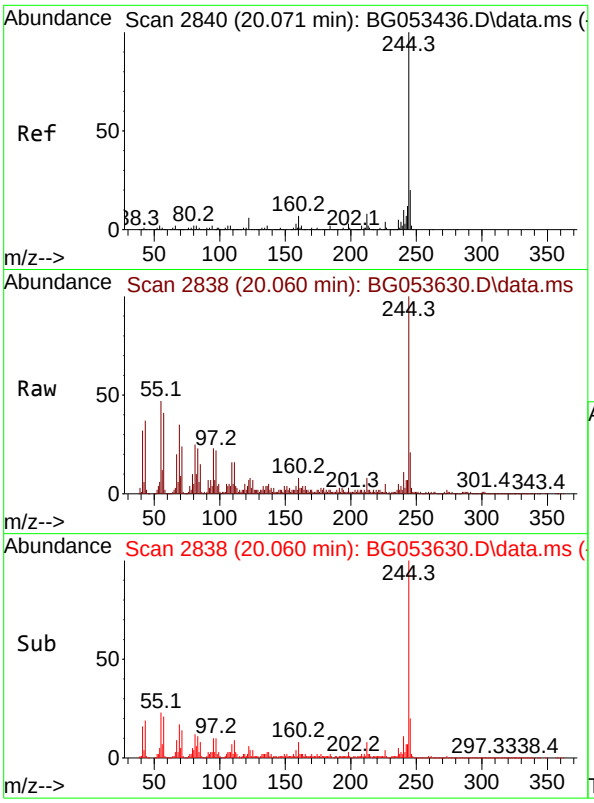


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. 0.025 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:240 Resp: 161888

Ion	Ratio	Lower	Upper
240	100		
120	17.0	4.6	7.0#
236	29.2	20.2	30.4



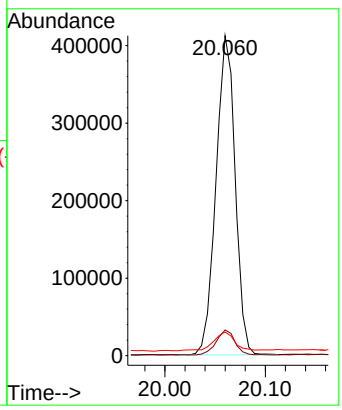


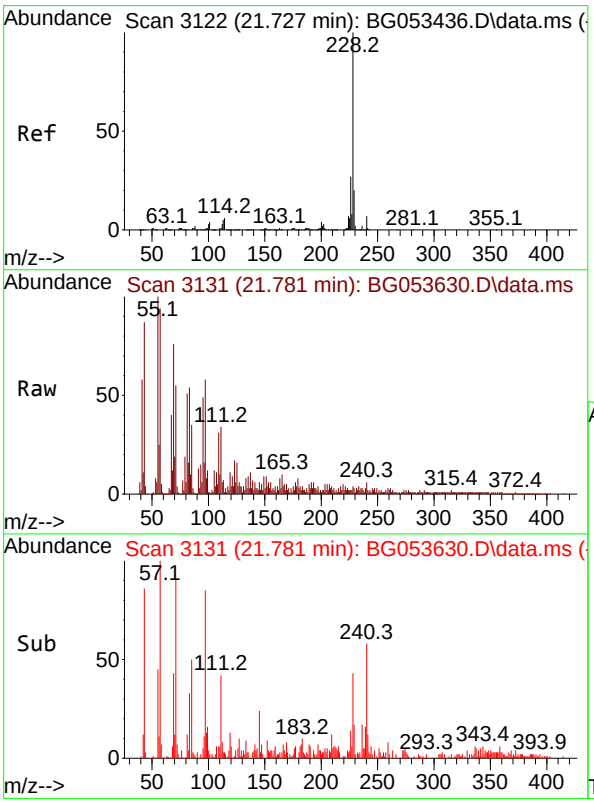
#79
Terphenyl-d14
Concen: 62.738 ng
RT: 20.060 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:244 Resp: 545327

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	7.4	5.0	7.4

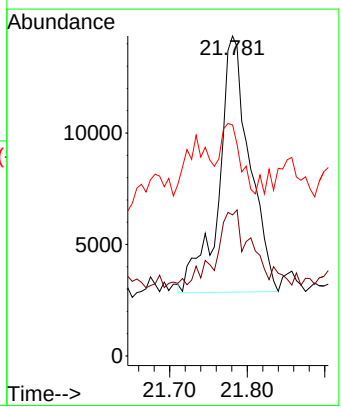


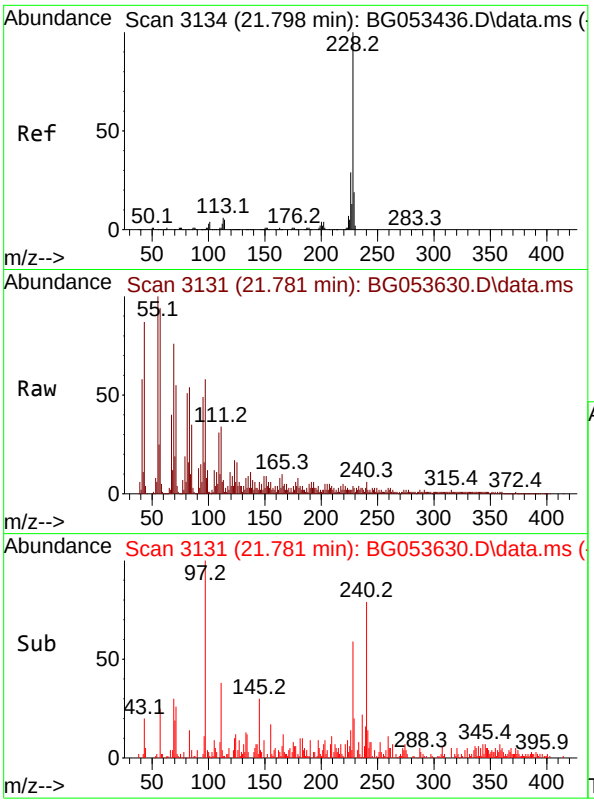


#81
Benzo(a)anthracene
Concen: 3.066 ng
RT: 21.781 min Scan# 3131
Delta R.T. 0.072 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:228 Resp: 31653

Ion	Ratio	Lower	Upper
228	100		
226	44.1	21.6	32.4#
229	72.2	16.2	24.2#



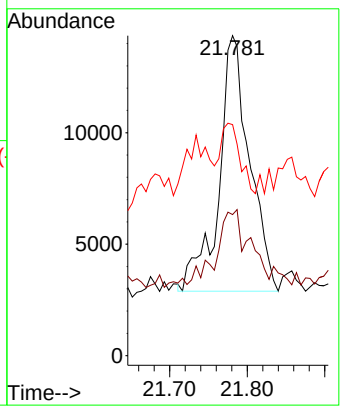


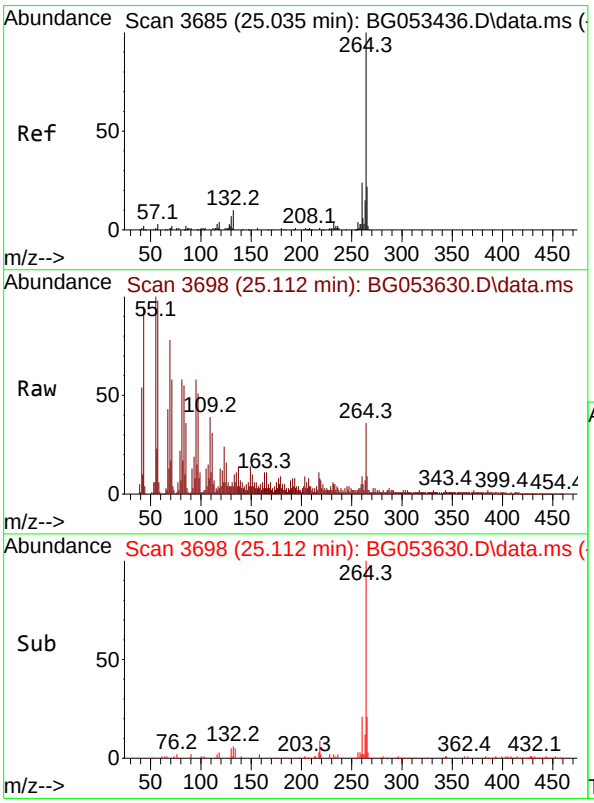
#83
Chrysene
Concen: 3.256 ng
RT: 21.781 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Instrument :
BNA_G
ClientSampleId :
SAC-1

Tgt Ion:228 Resp: 31397

Ion	Ratio	Lower	Upper
228	100		
226	44.1	23.4	35.2#
229	72.2	15.5	23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.112 min Scan# 3698
Delta R.T. 0.107 min
Lab File: BG053630.D
Acq: 19 May 2022 17:34

Tgt Ion:264 Resp: 151243

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.0	28.6
265	24.8	17.4	26.2