Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053283.D
Acq On : 23 Apr 2022 5:17
Operator : CG/JU
Sample : N2487-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Quant Time: Apr 24 01:18:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	24285	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	96994	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	77090	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	199820	20.000	ng	0.00
76) Chrysene-d12	21.758	240	215887	20.000	ng	0.00
86) Perylene-d12	25.053	264	220090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	93233	65.810	ng	0.00
7) Phenol-d6	7.266	99	83394	38.172	ng	0.00
23) Nitrobenzene-d5	9.269	82	241203	100.972	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	181887	148.301	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	545160	97.512	ng	0.00
79) Terphenyl-d14	20.078	244	1153886	90.270	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.516	178	26643	2.441	ng	93

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

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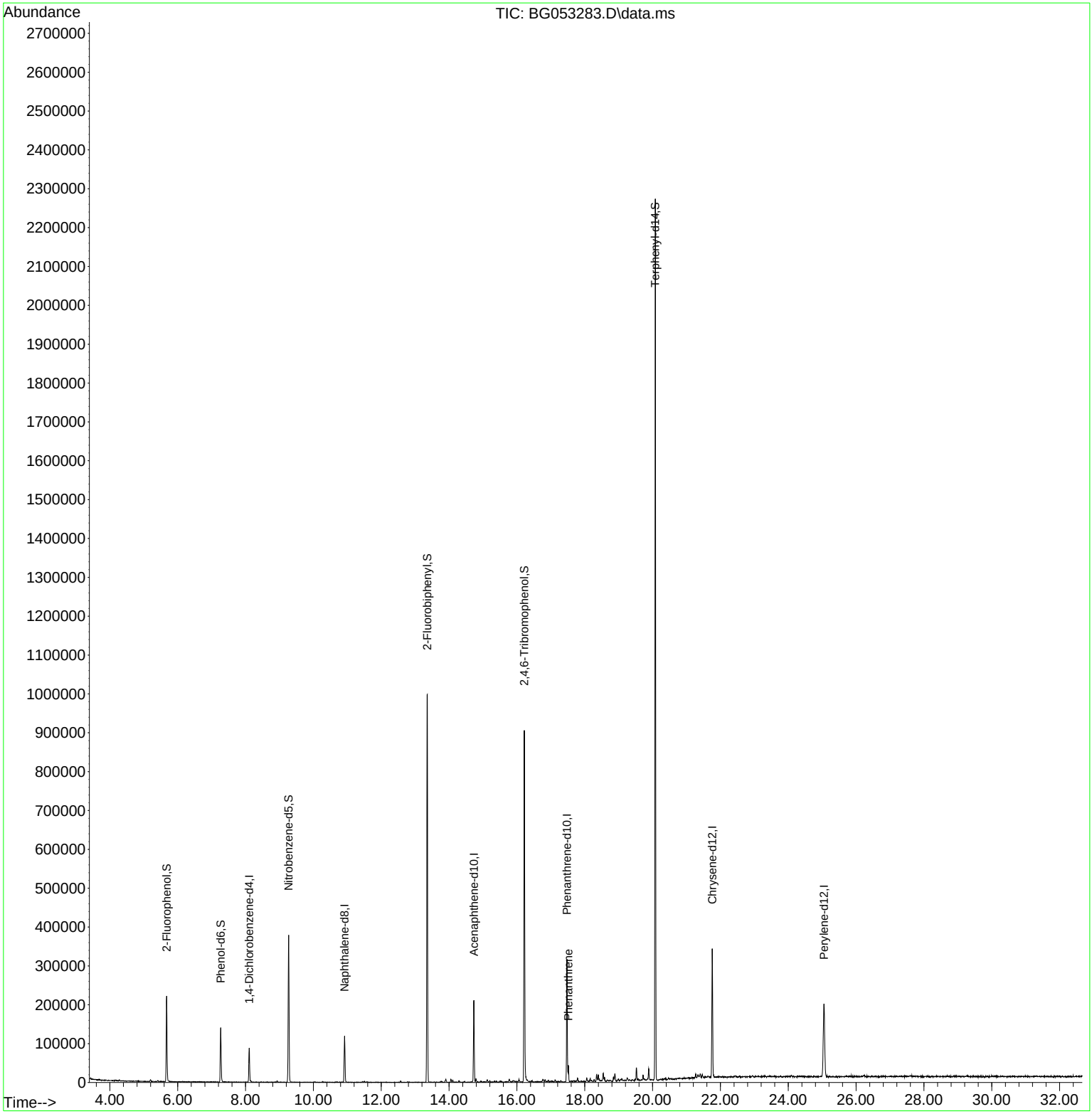
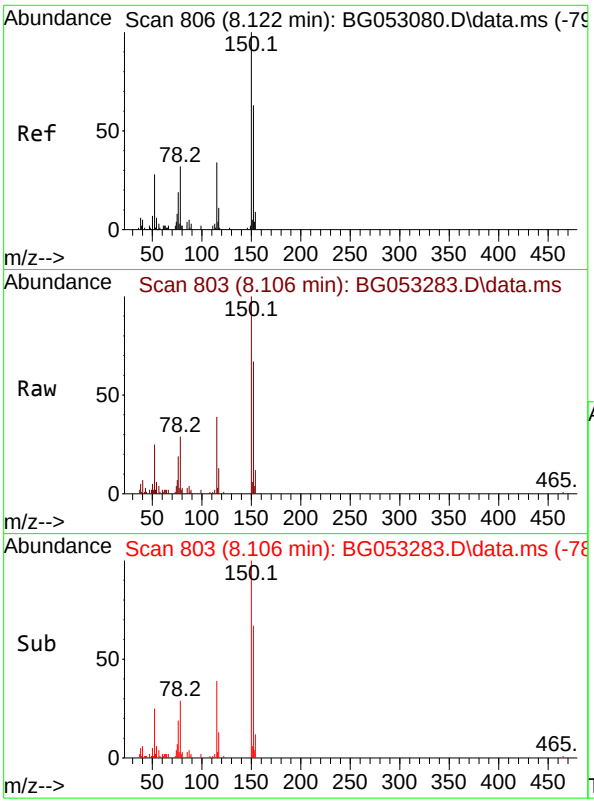


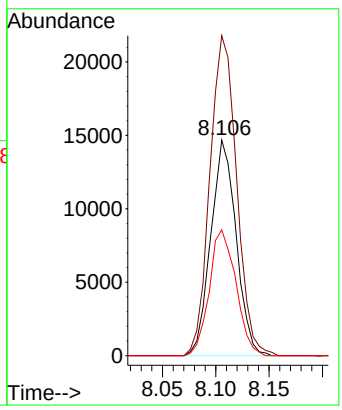


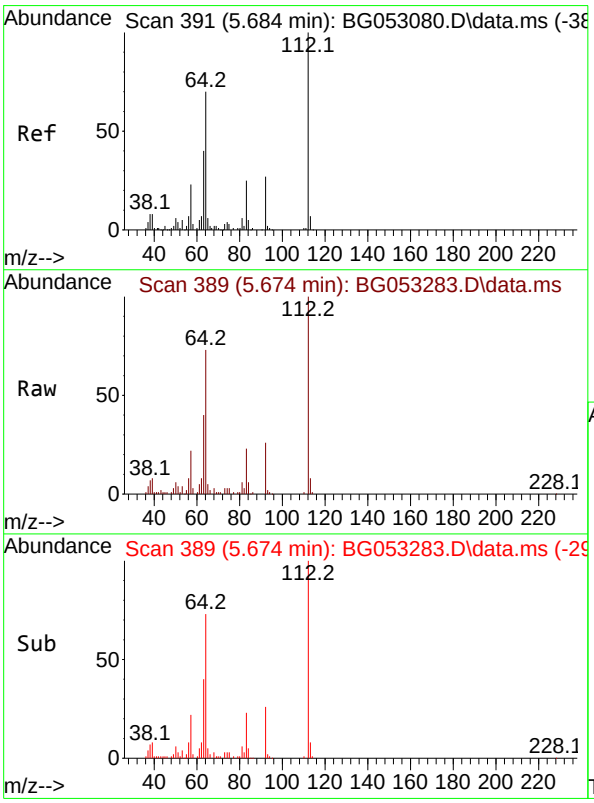
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion:152 Resp: 24285

Ion	Ratio	Lower	Upper
152	100		
150	148.4	114.6	172.0
115	58.4	45.9	68.9

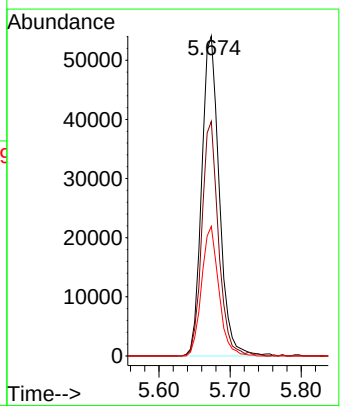


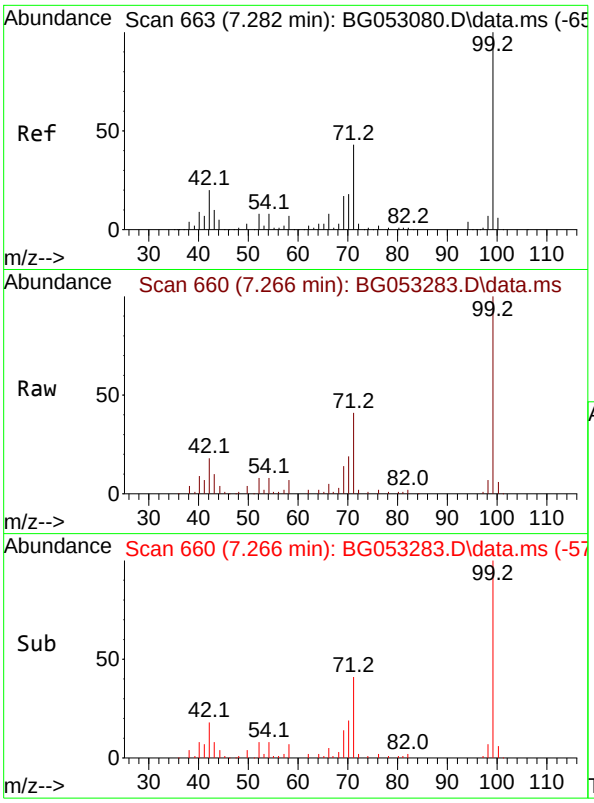


#5
2-Fluorophenol
Concen: 65.810 ng
RT: 5.674 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:112 Resp: 93233

Ion	Ratio	Lower	Upper
112	100		
64	73.3	48.0	72.0#
63	40.5	26.5	39.7#



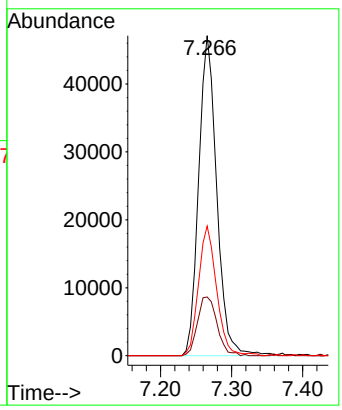


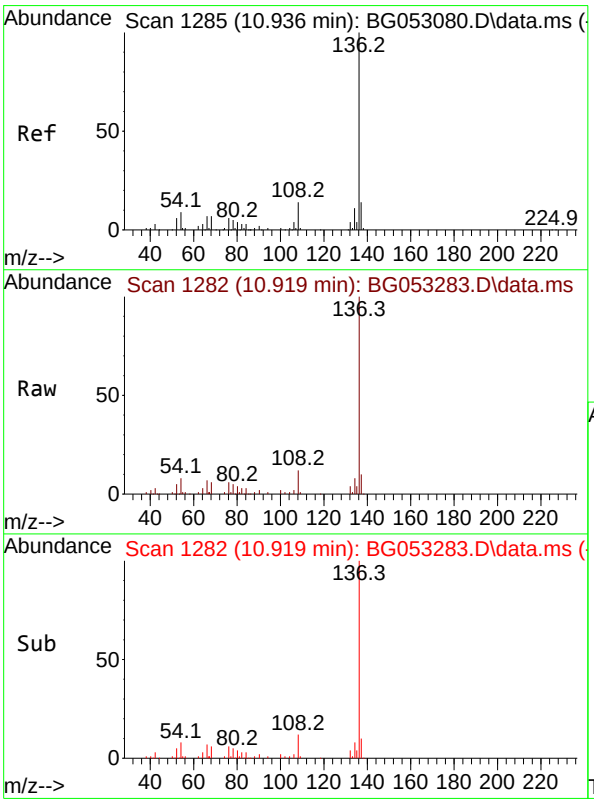
#7
Phenol-d6
Concen: 38.172 ng
RT: 7.266 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion: 99 Resp: 83394

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.7	22.1
71	40.5	29.2	43.8

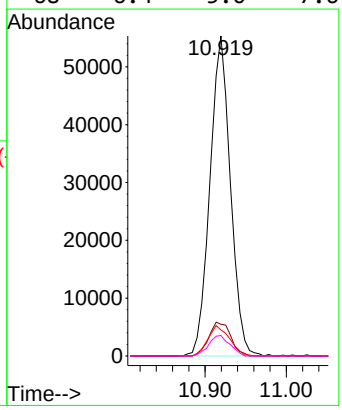


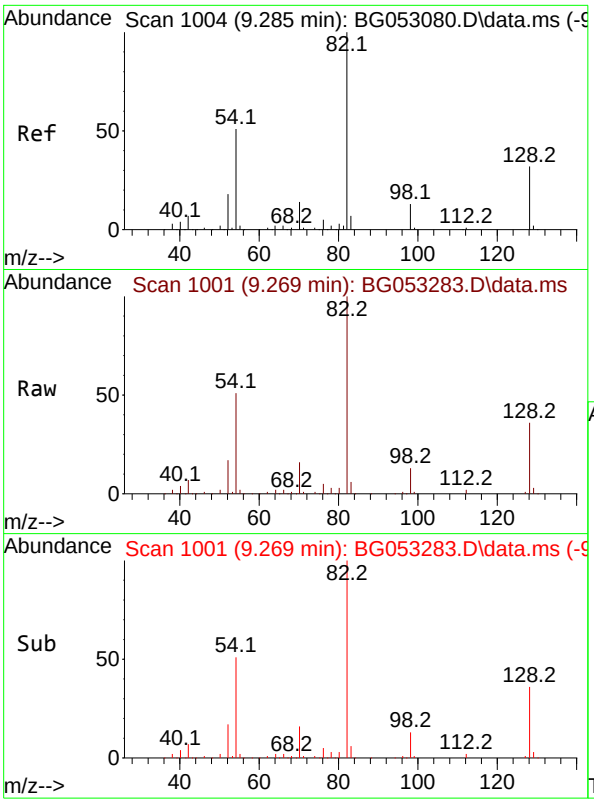


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:136 Resp: 96994

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.2
54	8.1	6.4	9.6
68	6.4	5.0	7.6



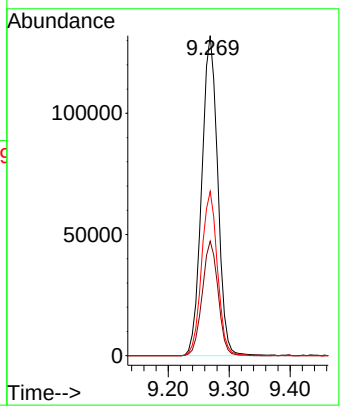


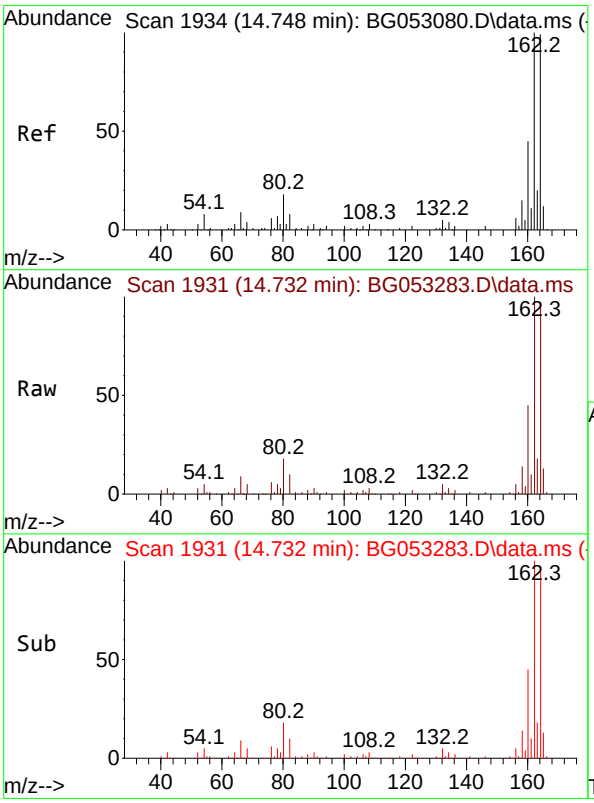
#23
Nitrobenzene-d5
Concen: 100.972 ng
RT: 9.269 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion: 82 Resp: 241203

Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.3	46.9
54	51.3	37.8	56.8

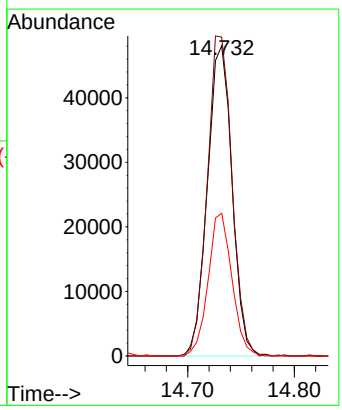


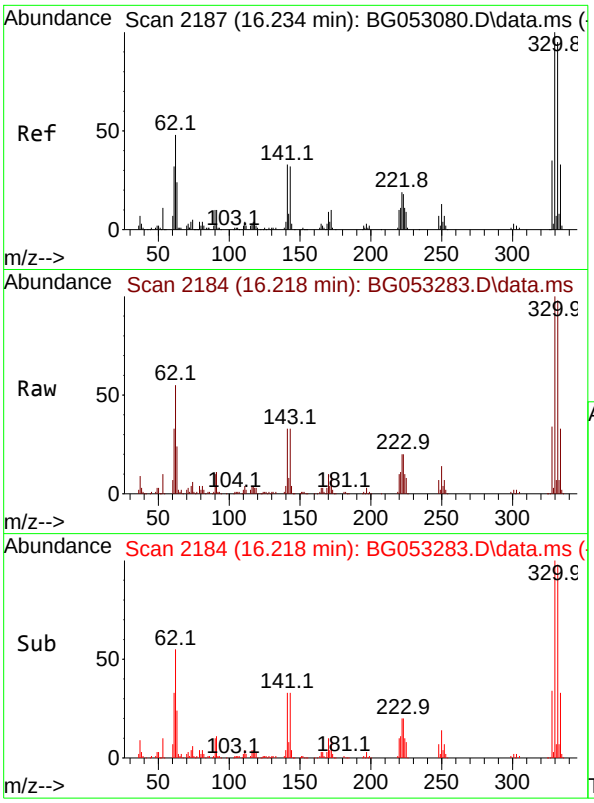


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:164 Resp: 77090

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	46.0	38.8	58.2



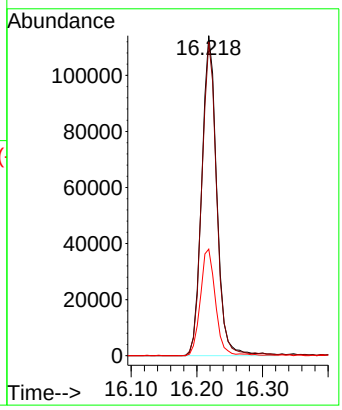


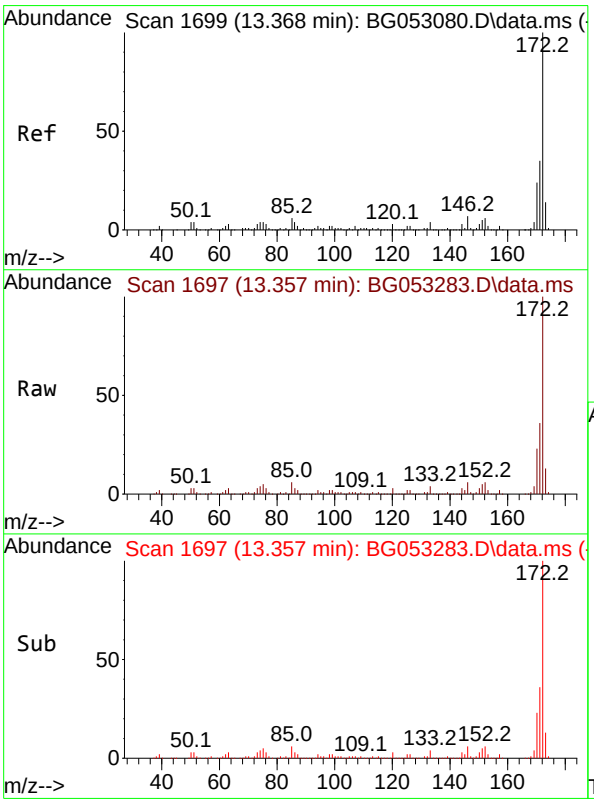
#42
2,4,6-Tribromophenol
Concen: 148.301 ng
RT: 16.218 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion:330 Resp: 181887

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.6
141	33.6	24.6	36.8

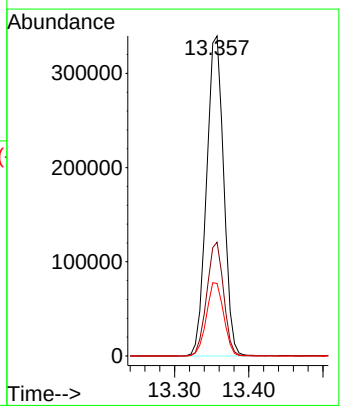


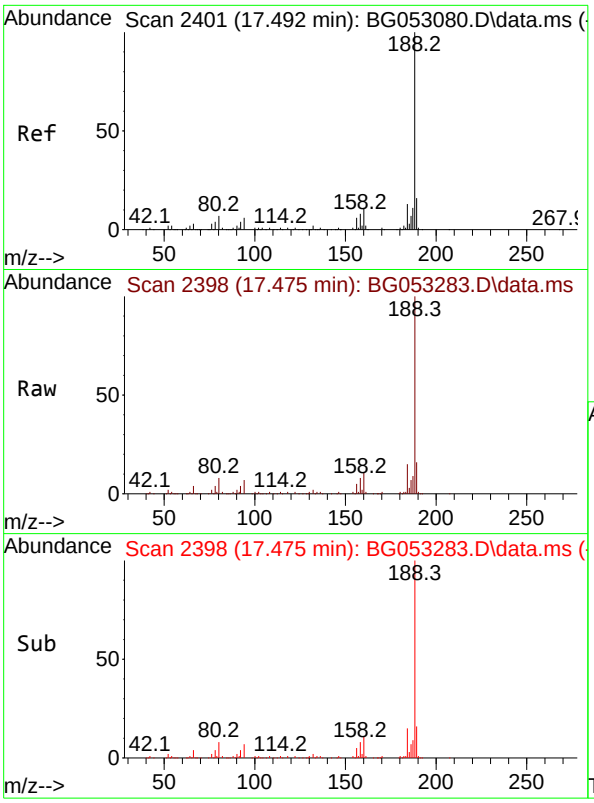


#45
2-Fluorobiphenyl
Concen: 97.512 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:172 Resp: 545160

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.7	18.0	27.0



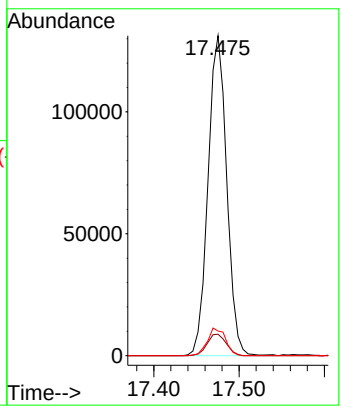


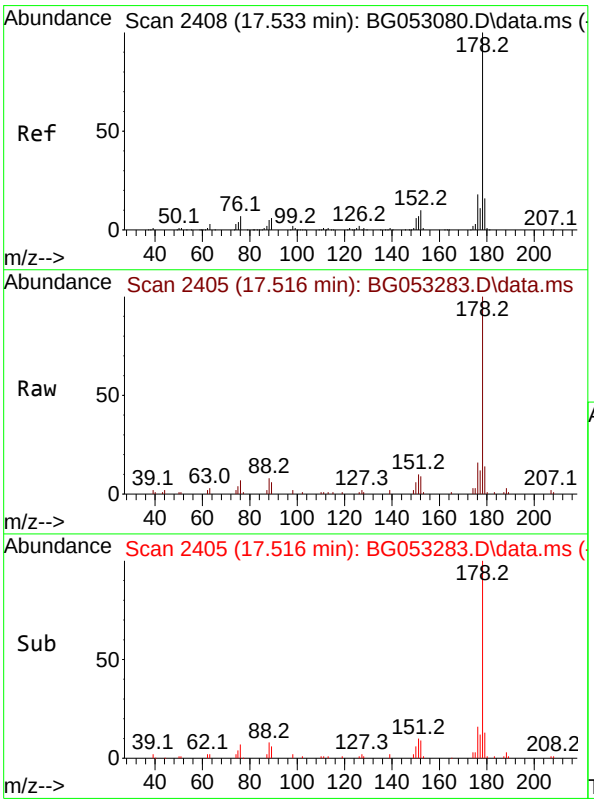
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion:188 Resp: 199820

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	7.7	7.2	10.8

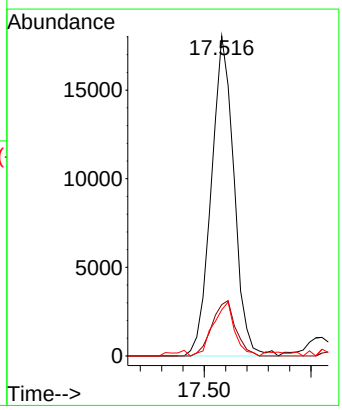


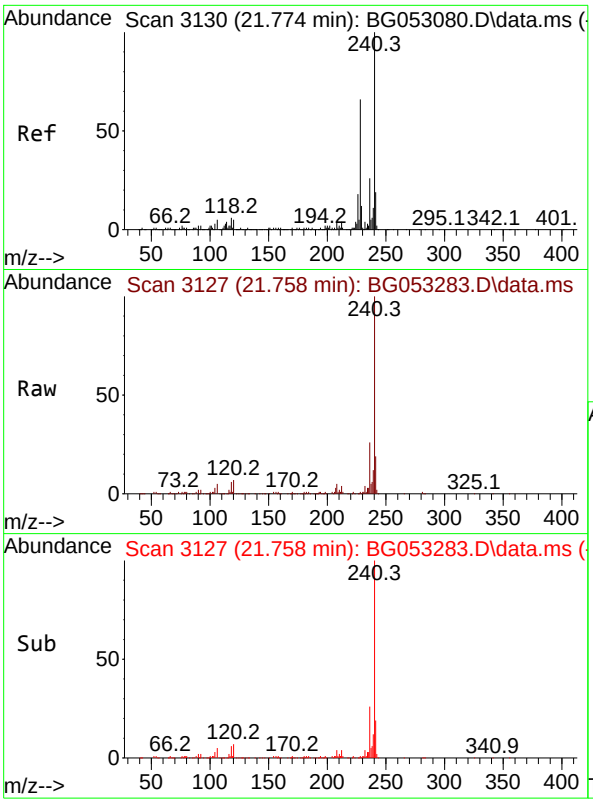


#71
Phenanthrene
Concen: 2.441 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:178 Resp: 26643

Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.9	23.9
179	14.4	13.4	20.2



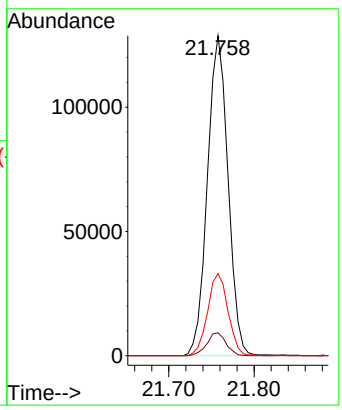


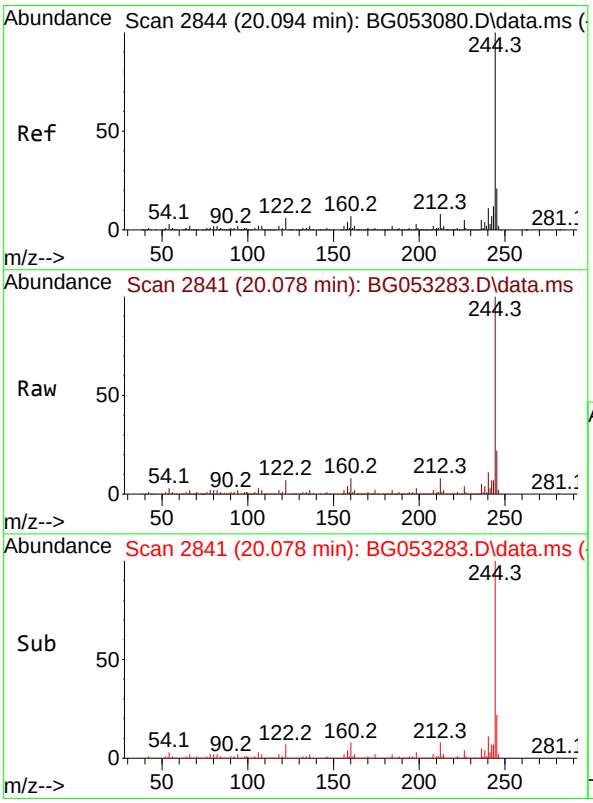
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion:240 Resp: 215887

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.4	8.0
236	25.7	19.8	29.6

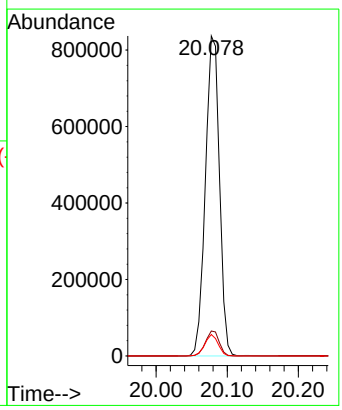


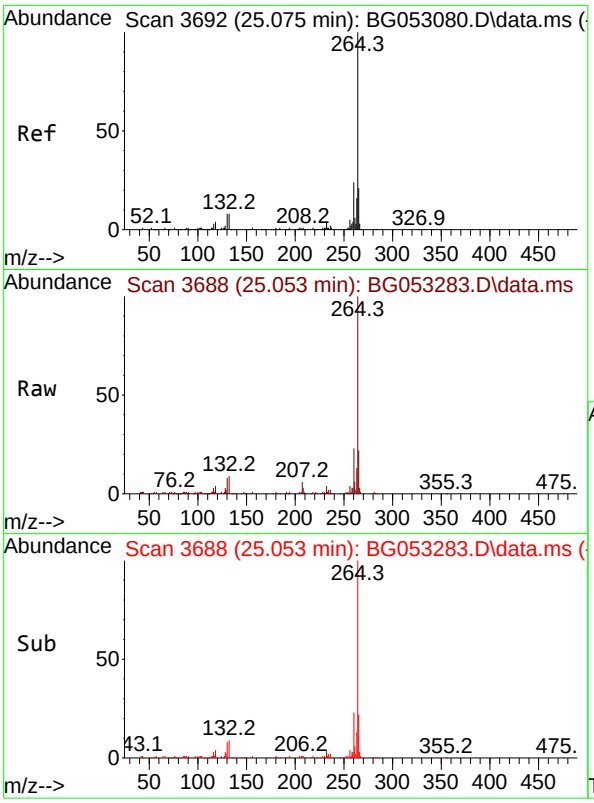


#79
Terphenyl-d14
Concen: 90.270 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Tgt Ion:244 Resp: 1153886

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.7	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG053283.D
Acq: 23 Apr 2022 5:17

Instrument :
BNA_G
ClientSampleId :
UST-1-E

Tgt Ion:264 Resp: 220090

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.5	15.1	22.7