Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053496.D
Acq On : 9 May 2022 17:05
Operator : CG/JU
Sample : N2723-04RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Quant Time: May 09 17:40:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24767	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	93746	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	67239	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	164786	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	192453	20.000	ng	0.00
86) Perylene-d12	25.015	264	190439	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	282011	193.245	ng	0.00
7) Phenol-d6	7.250	99	366143	165.318	ng	0.00
23) Nitrobenzene-d5	9.254	82	314375	142.752	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	210187	211.947	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	657912	142.982	ng	0.00
79) Terphenyl-d14	20.063	244	1437503	139.115	ng	0.00
Target Compounds						Qvalue

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

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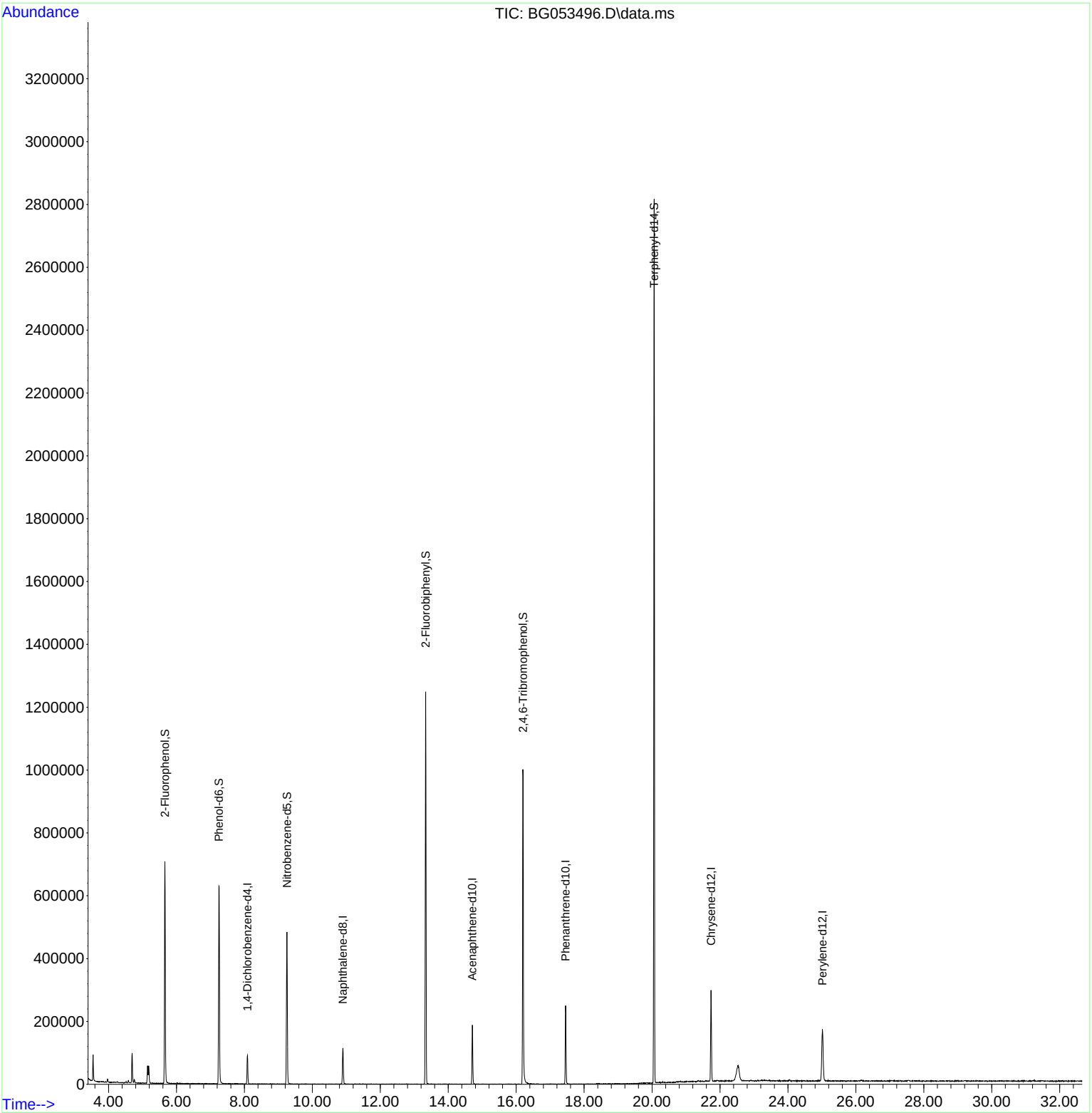
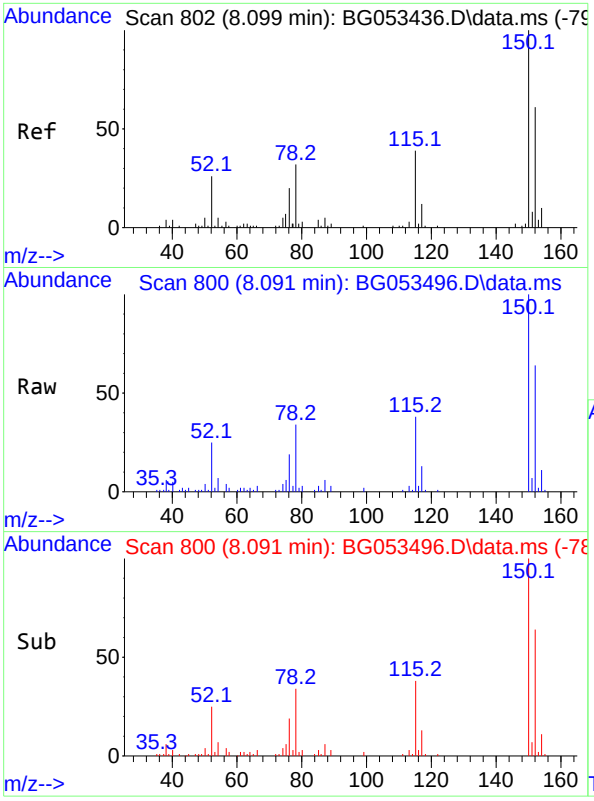


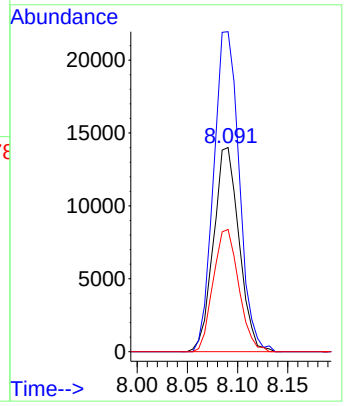


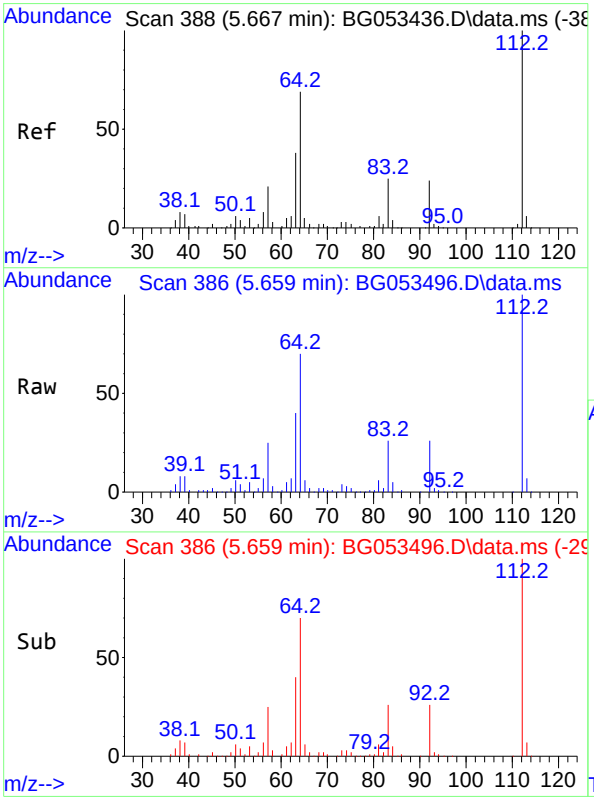
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:152 Resp: 24767

Ion	Ratio	Lower	Upper
152	100		
150	156.7	131.6	197.4
115	59.8	50.9	76.3

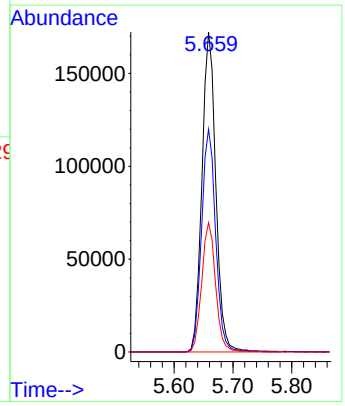


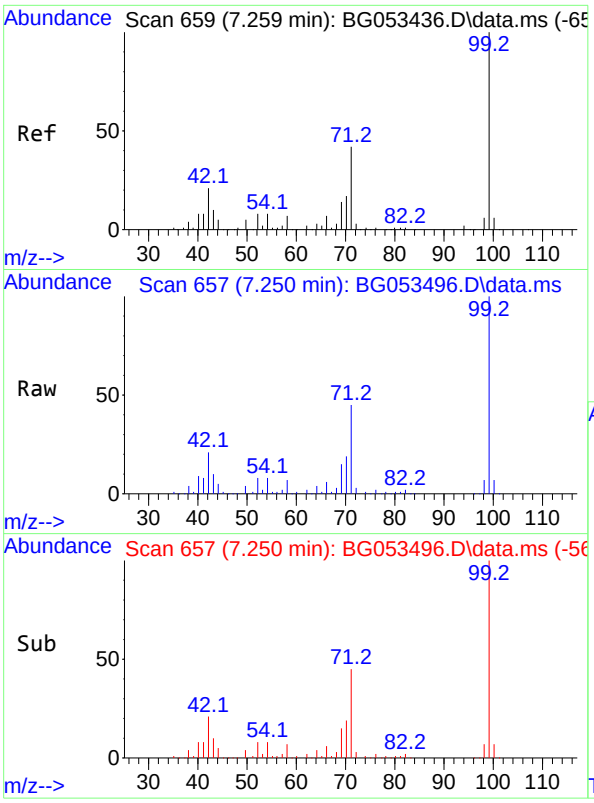


#5
2-Fluorophenol
Concen: 193.245 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:112 Resp: 282011

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.1	82.7
63	40.4	30.4	45.6



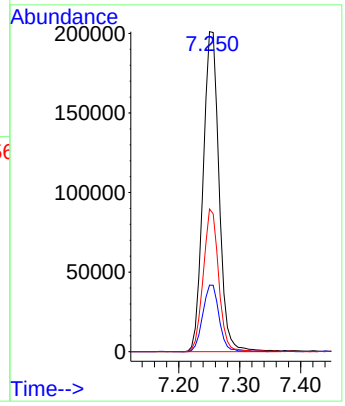


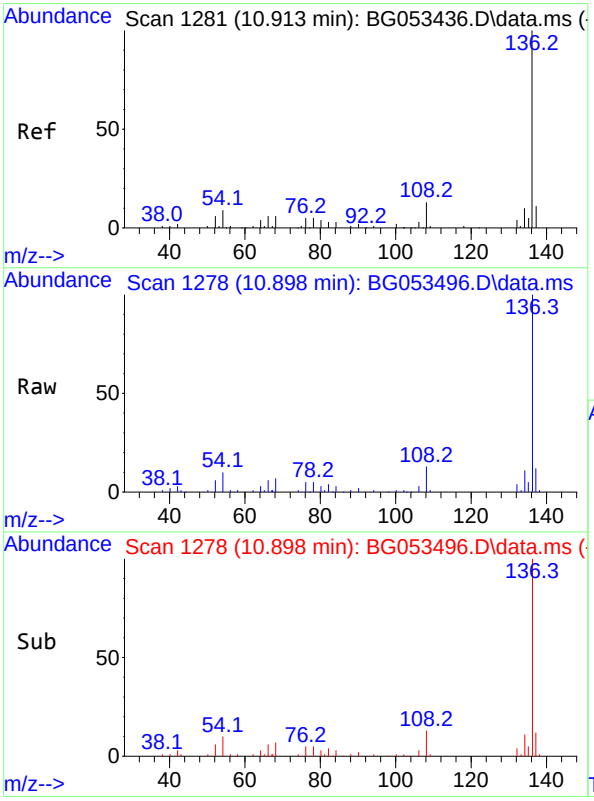
#7
Phenol-d6
Concen: 165.318 ng
RT: 7.250 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion: 99 Resp: 366143

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	44.6	33.8	50.8

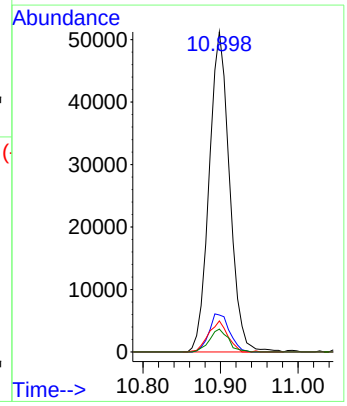


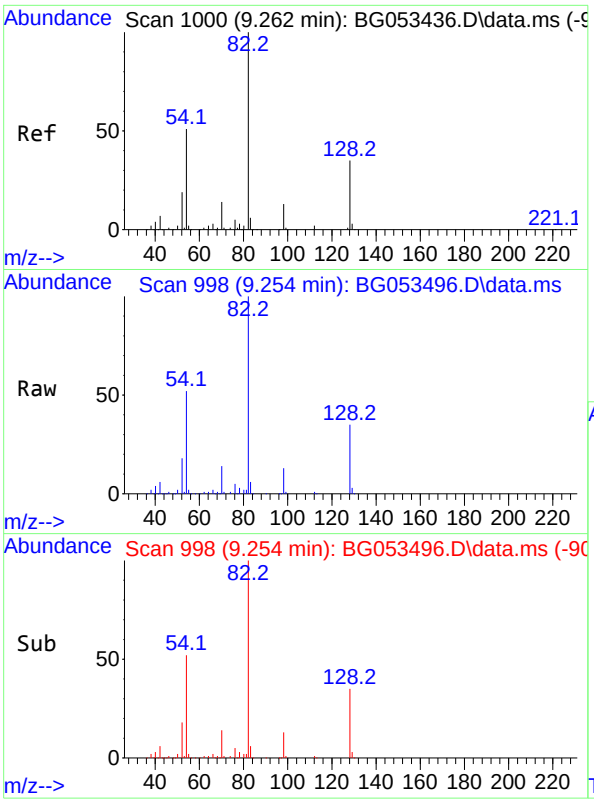


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.015 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:136 Resp: 93746

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	9.7	7.4	11.2
68	7.2	4.9	7.3



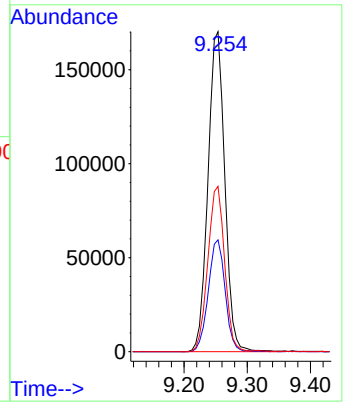


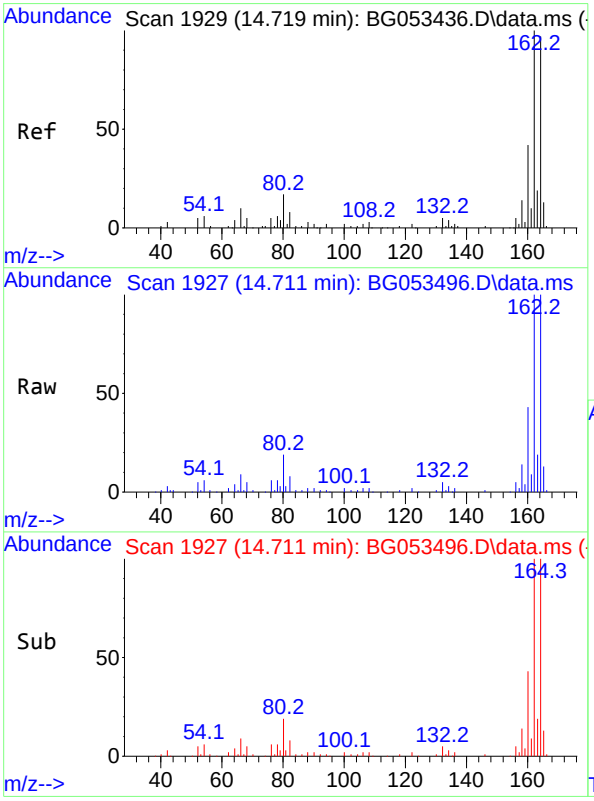
#23
Nitrobenzene-d5
Concen: 142.752 ng
RT: 9.254 min Scan# 9
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion: 82 Resp: 314375

Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.9	41.9
54	51.6	41.2	61.8

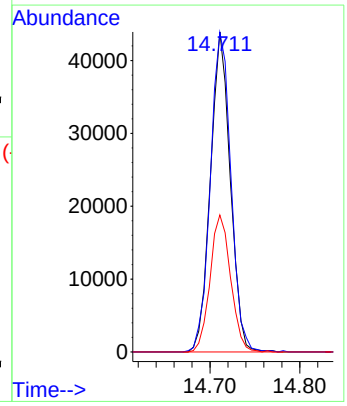


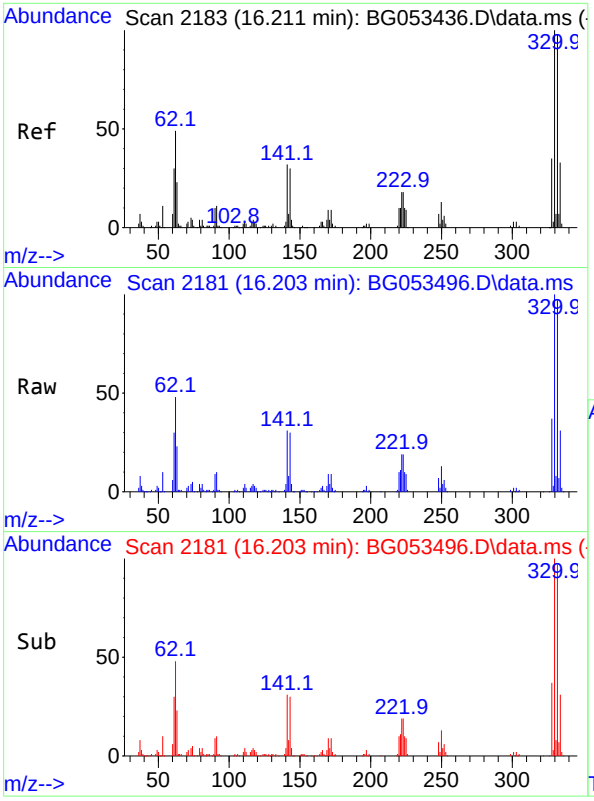


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:164 Resp: 67239

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.3	123.5
160	42.8	34.2	51.2



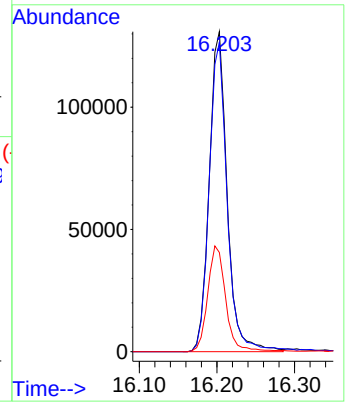


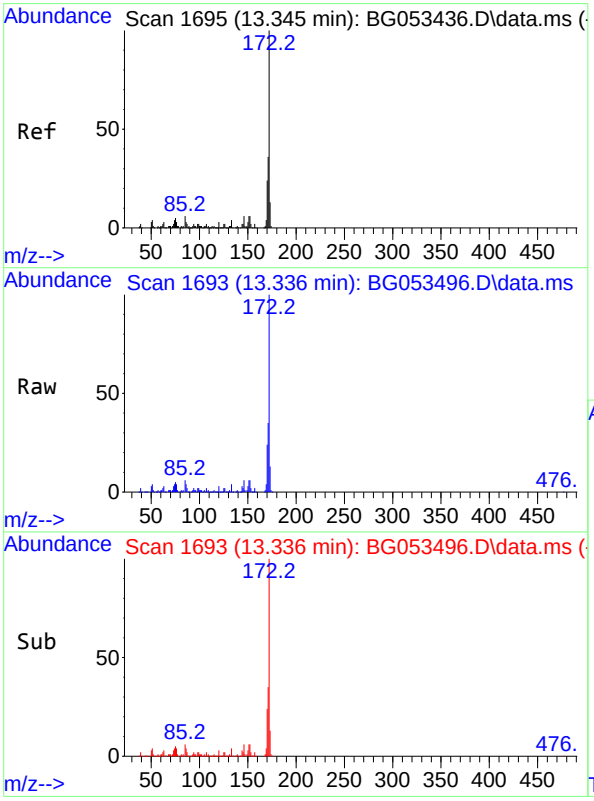
#42
2,4,6-Tribromophenol
Concen: 211.947 ng
RT: 16.203 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:330 Resp: 210187

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	33.5	27.1	40.7

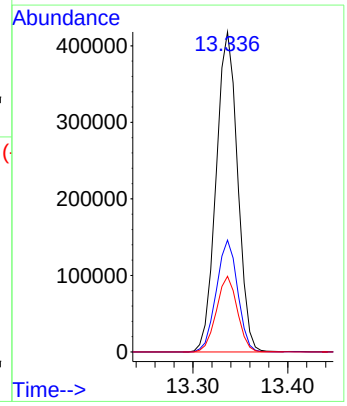


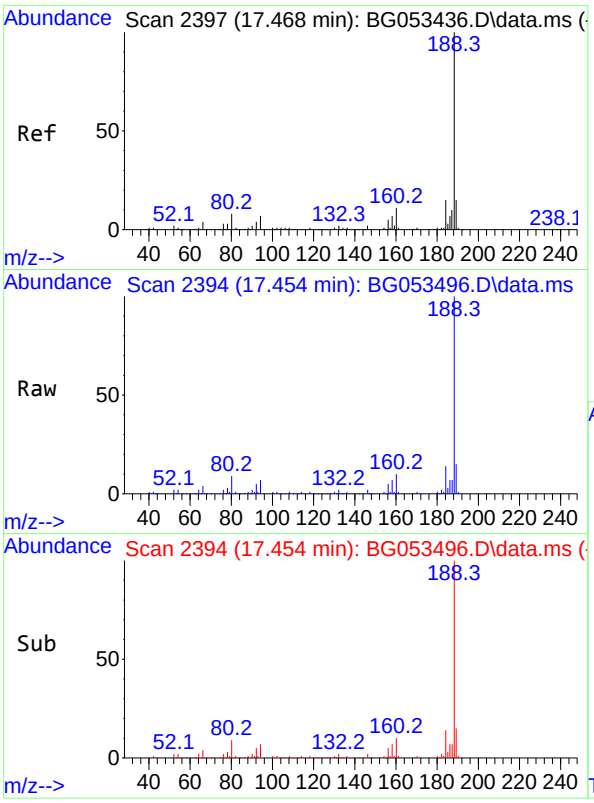


#45
2-Fluorobiphenyl
Concen: 142.982 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:172 Resp: 657912

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.9	28.3



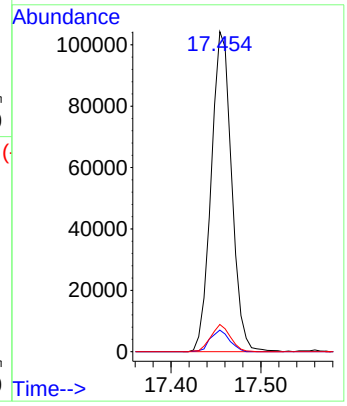


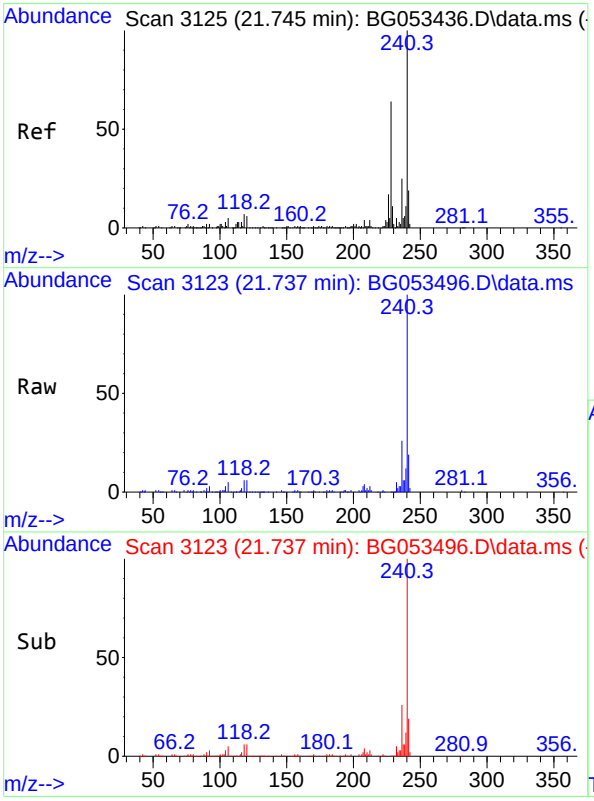
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:188 Resp: 164786

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	8.5	6.8	10.2

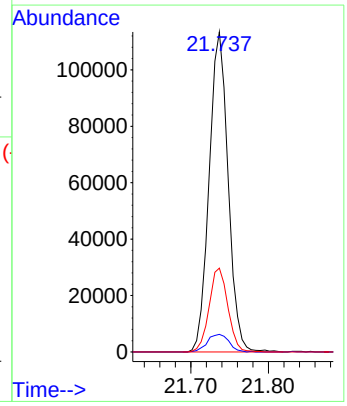


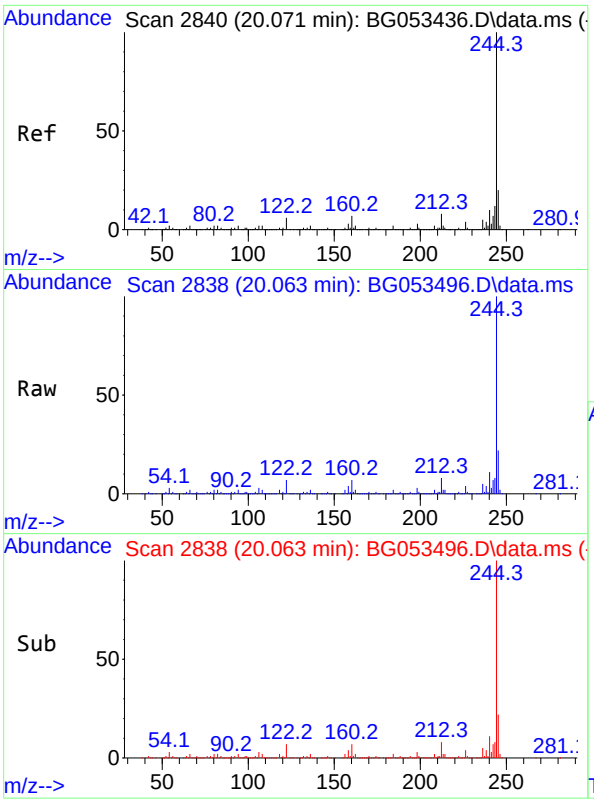


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:240 Resp: 192453

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	26.2	20.2	30.4



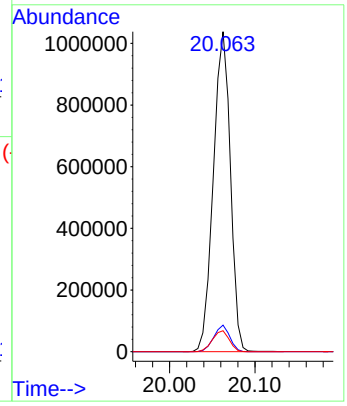


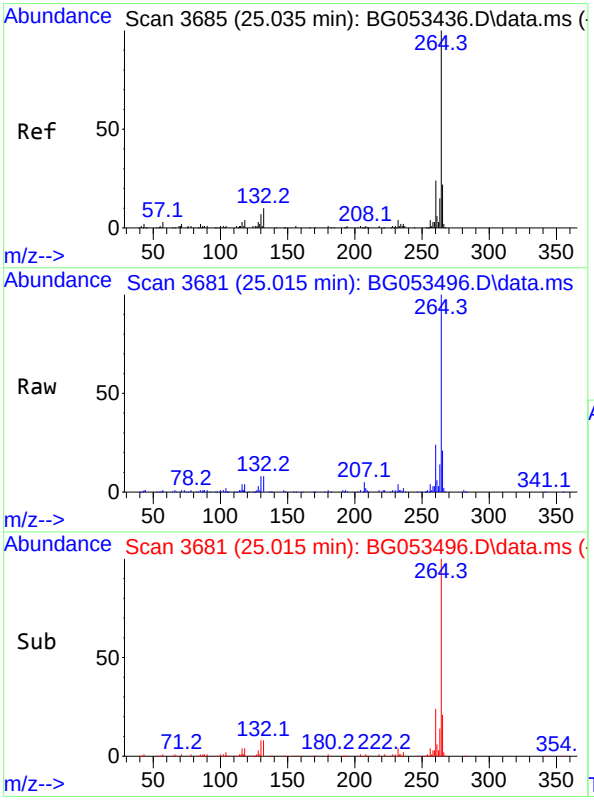
#79
Terphenyl-d14
Concen: 139.115 ng
RT: 20.063 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Instrument :
BNA_G
ClientSampleId :
MMC-PIT2RE

Tgt Ion:244 Resp: 1437503

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	6.6	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3681
Delta R.T. -0.020 min
Lab File: BG053496.D
Acq: 9 May 2022 17:05

Tgt Ion:264 Resp: 190439

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	17.4	26.2