Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053493.D
Acq On : 9 May 2022 15:10
Operator : CG/JU
Sample : N2745-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-31D

Quant Time: May 09 16:23:25 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	27845	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	108351	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	78838	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	181473	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	200510	20.000	ng	0.00
86) Perylene-d12	25.021	264	205921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	238568	145.406	ng	0.00
7) Phenol-d6	7.250	99	337829	135.673	ng	0.00
23) Nitrobenzene-d5	9.254	82	241089	94.718	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	154205	132.619	ng	-0.01
45) 2-Fluorobiphenyl	13.336	172	493583	91.487	ng	0.00
79) Terphenyl-d14	20.063	244	860044	79.887	ng	0.00
Target Compounds						Qvalue

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

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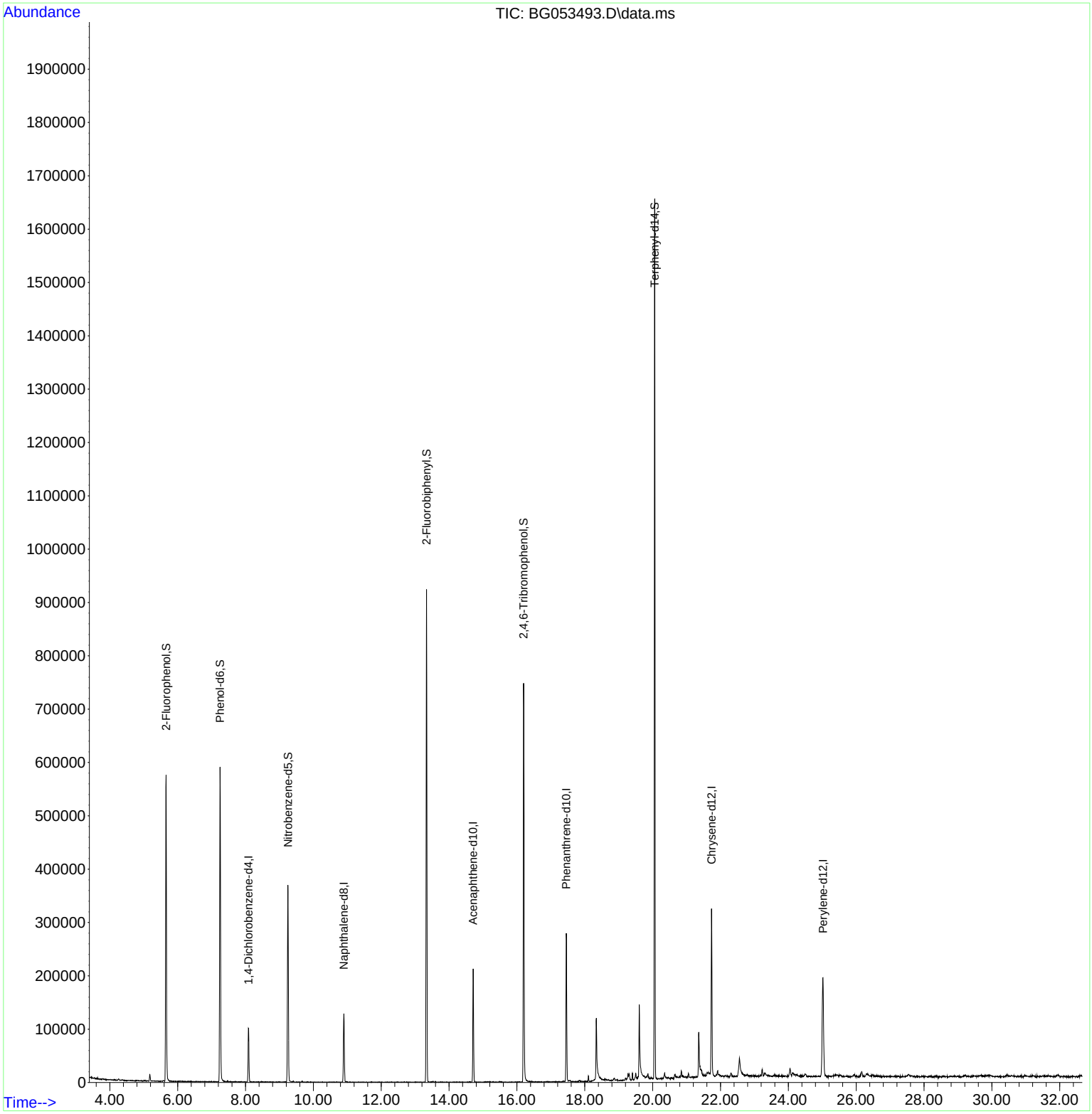
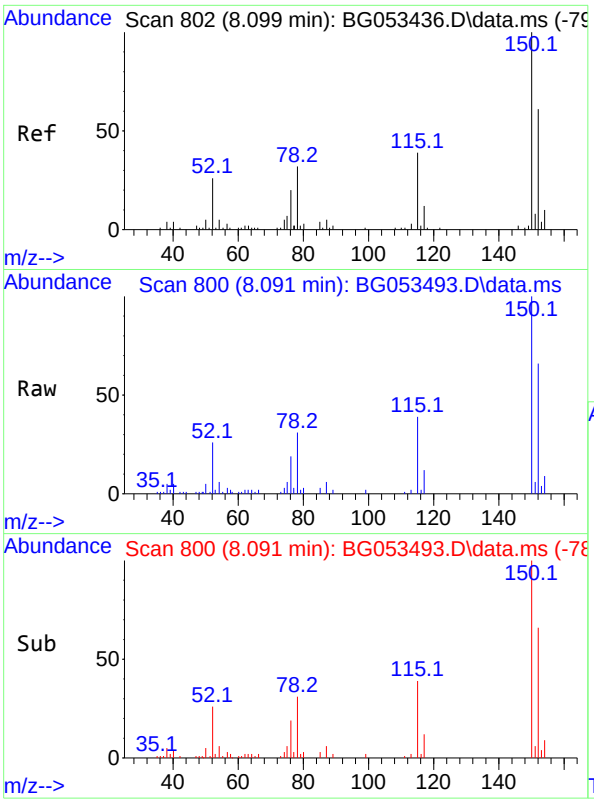


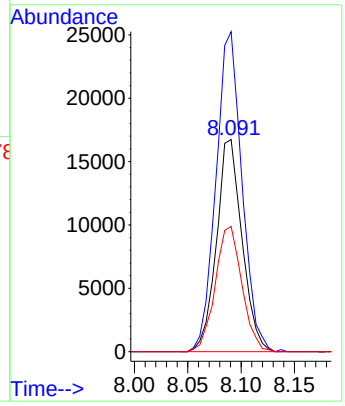


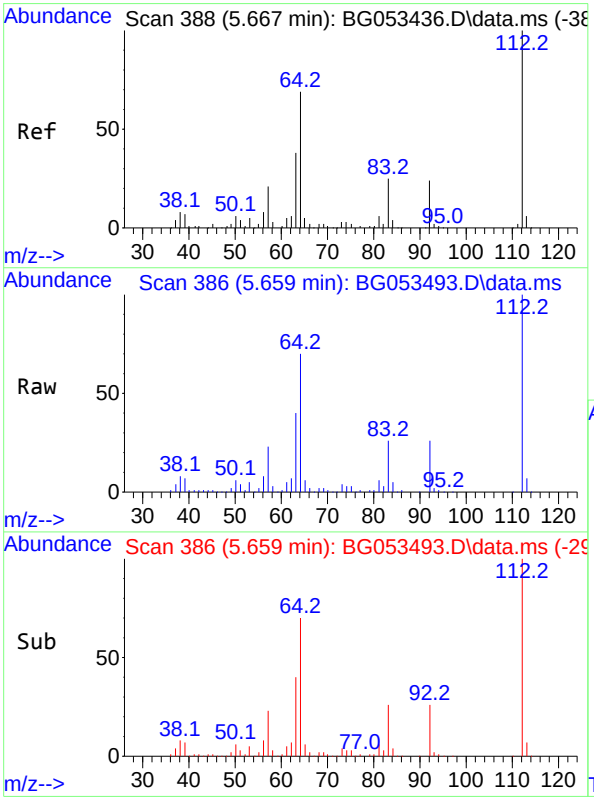
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:152 Resp: 27845

Ion	Ratio	Lower	Upper
152	100		
150	150.9	131.6	197.4
115	59.1	50.9	76.3

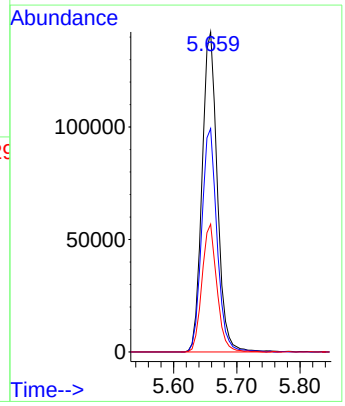


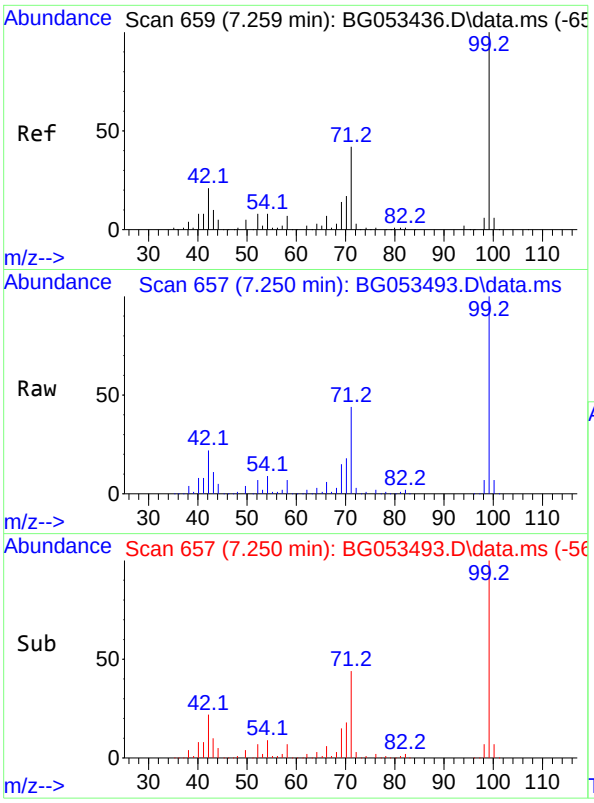


#5
2-Fluorophenol
Concen: 145.406 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:112 Resp: 238568

Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.1	82.7
63	40.0	30.4	45.6



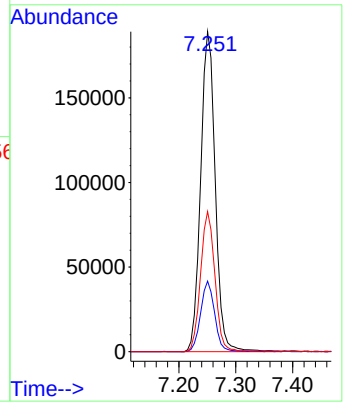


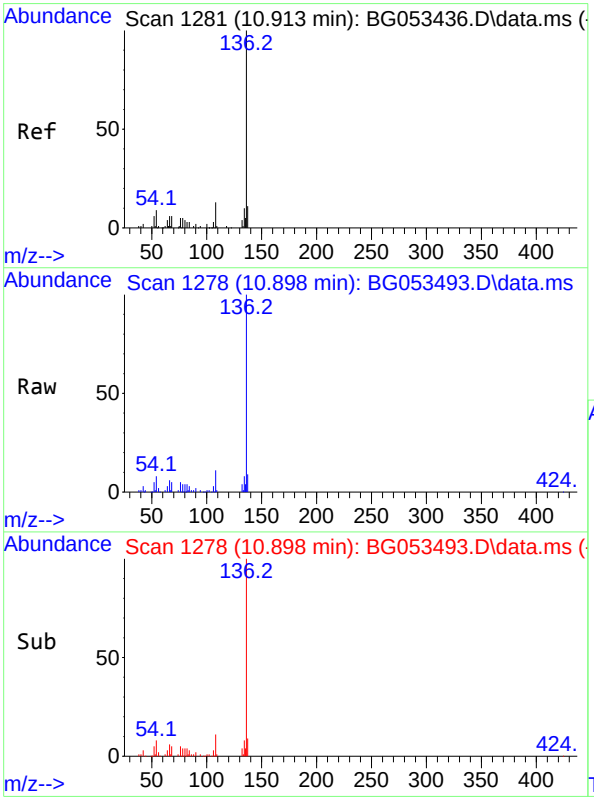
#7
Phenol-d6
Concen: 135.673 ng
RT: 7.250 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion: 99 Resp: 337829

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.0	25.6
71	43.8	33.8	50.8

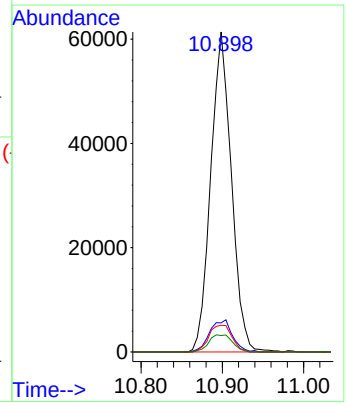


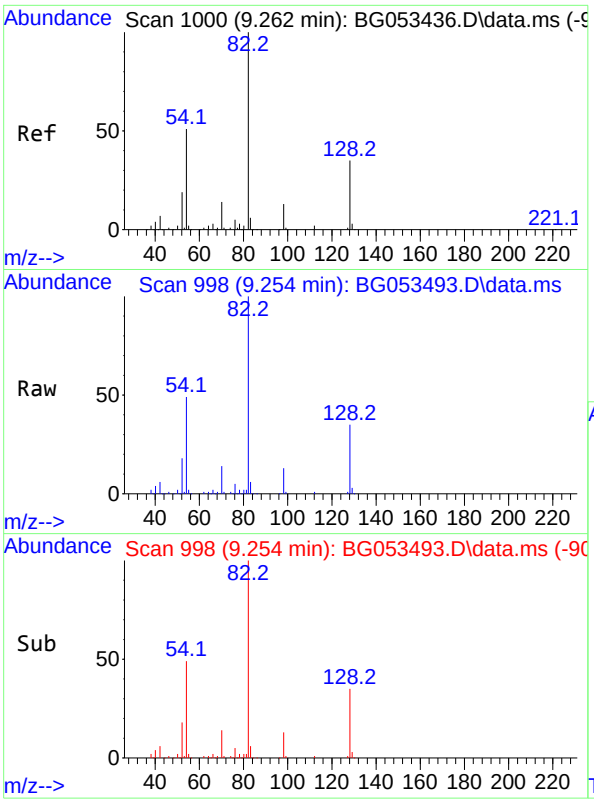


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.015 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:136 Resp: 108351

Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.5	12.7
54	8.3	7.4	11.2
68	5.2	4.9	7.3



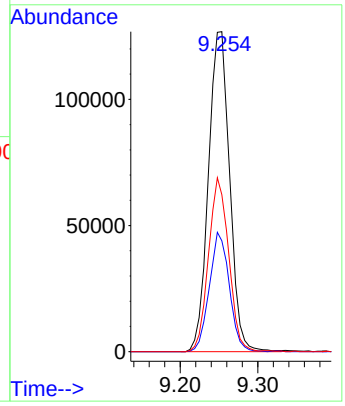


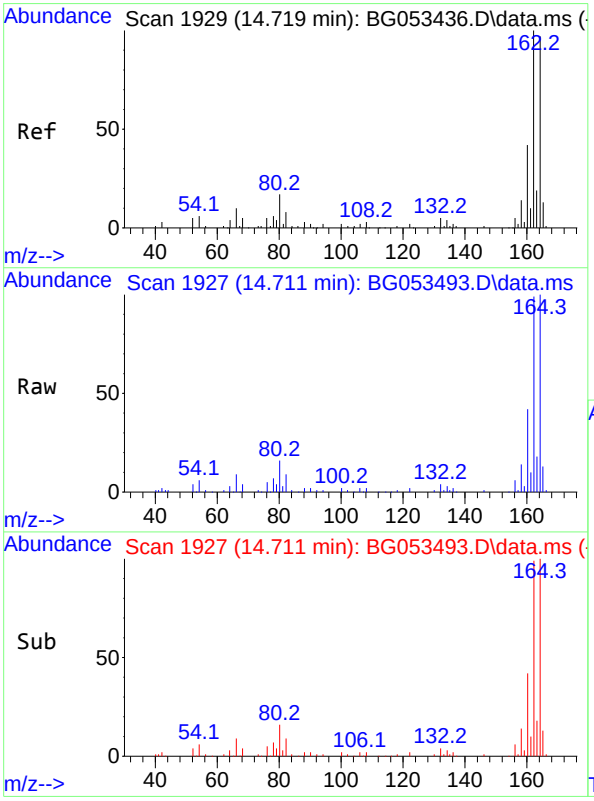
#23
Nitrobenzene-d5
Concen: 94.718 ng
RT: 9.254 min Scan# 9
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion: 82 Resp: 241089

Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.9	41.9
54	49.0	41.2	61.8

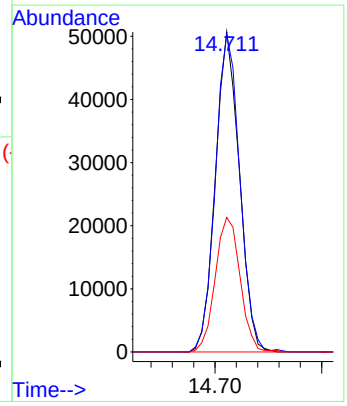


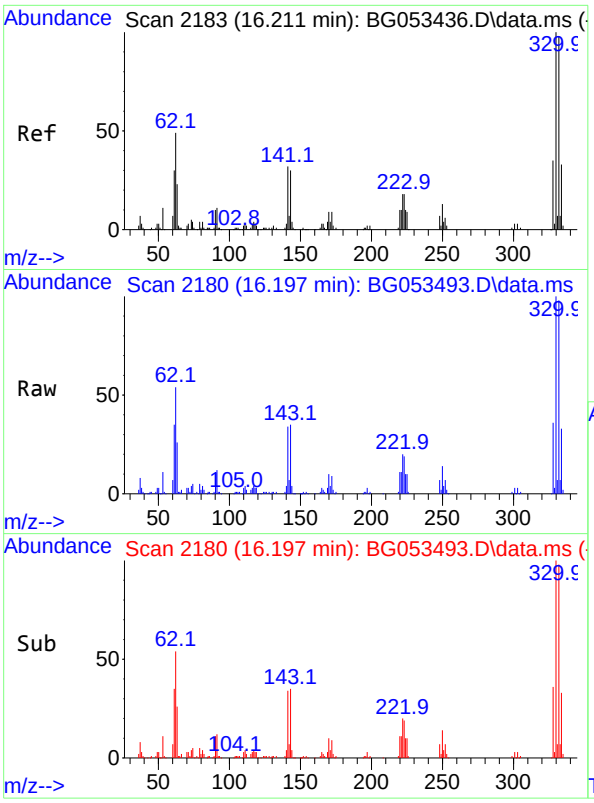


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:164 Resp: 78838

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.3	123.5
160	42.1	34.2	51.2



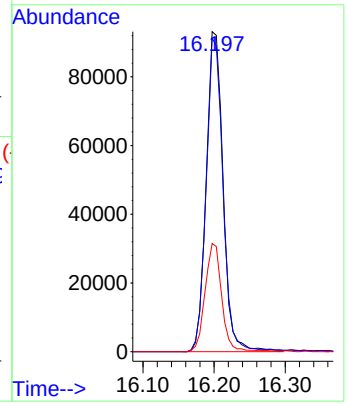


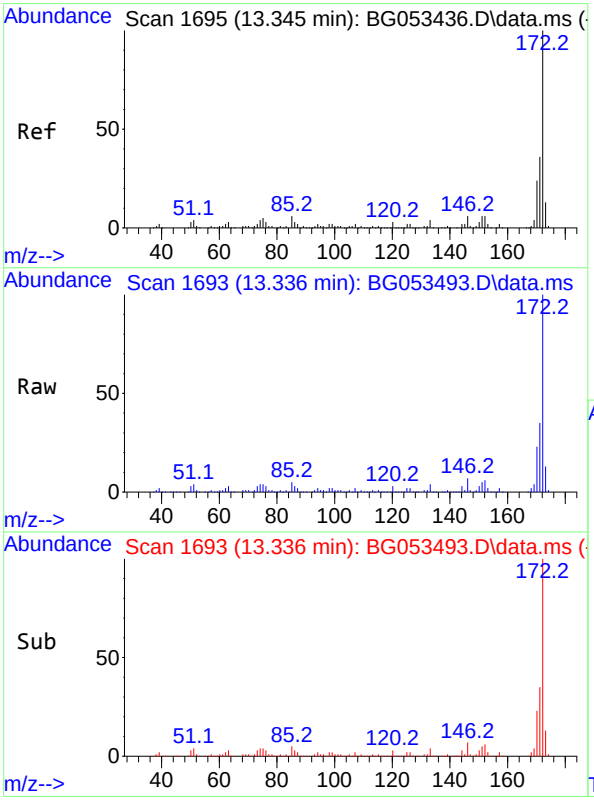
#42
2,4,6-Tribromophenol
Concen: 132.619 ng
RT: 16.197 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:330 Resp: 154205

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	33.4	27.1	40.7

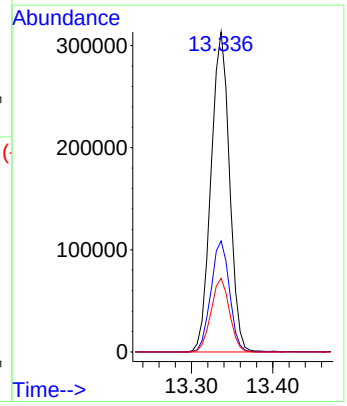


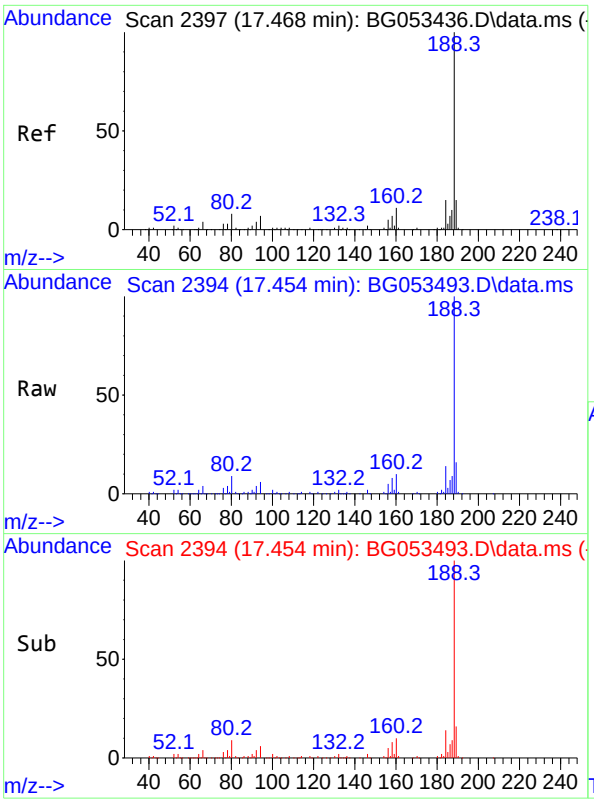


#45
2-Fluorobiphenyl
Concen: 91.487 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:172 Resp: 493583

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.0	18.9	28.3



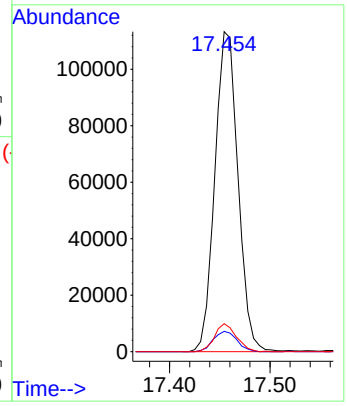


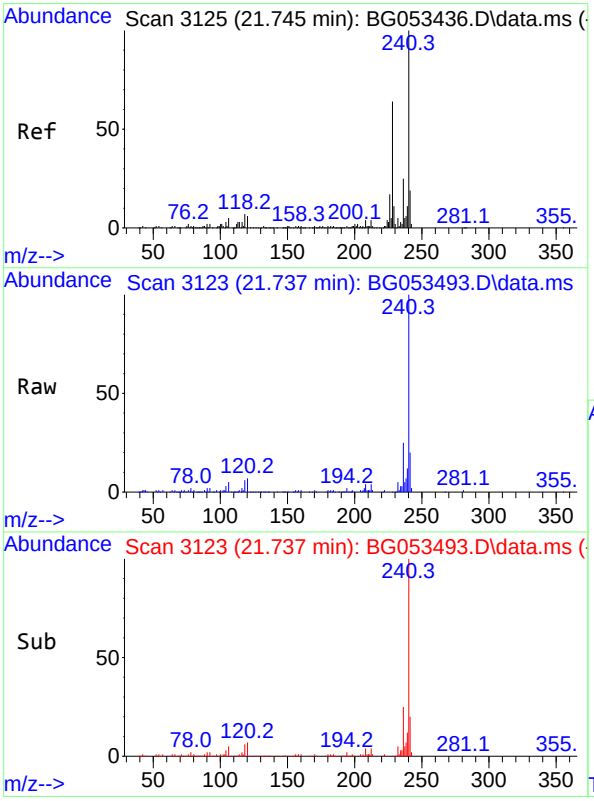
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:188 Resp: 181473

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	8.7	6.8	10.2

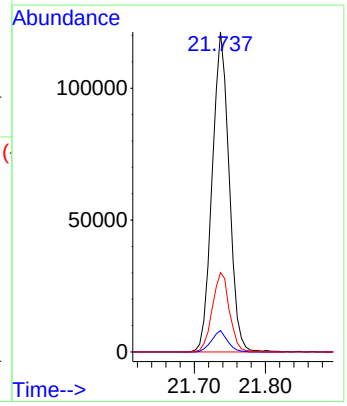


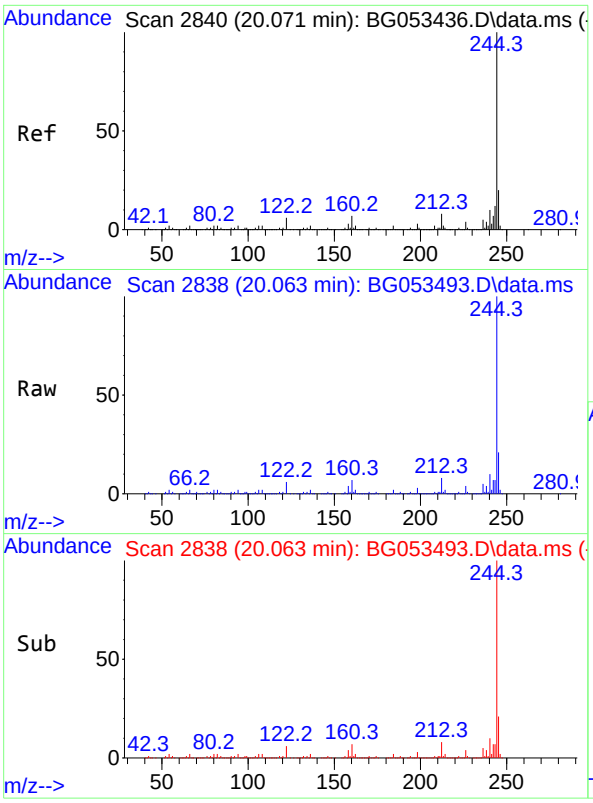


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:240 Resp: 200510

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.6	7.0
236	24.8	20.2	30.4



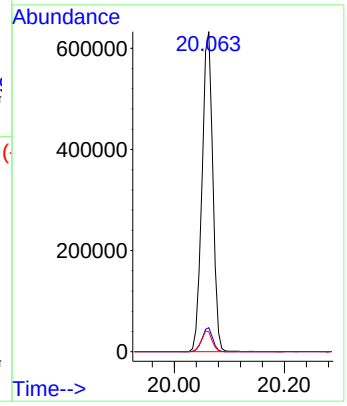


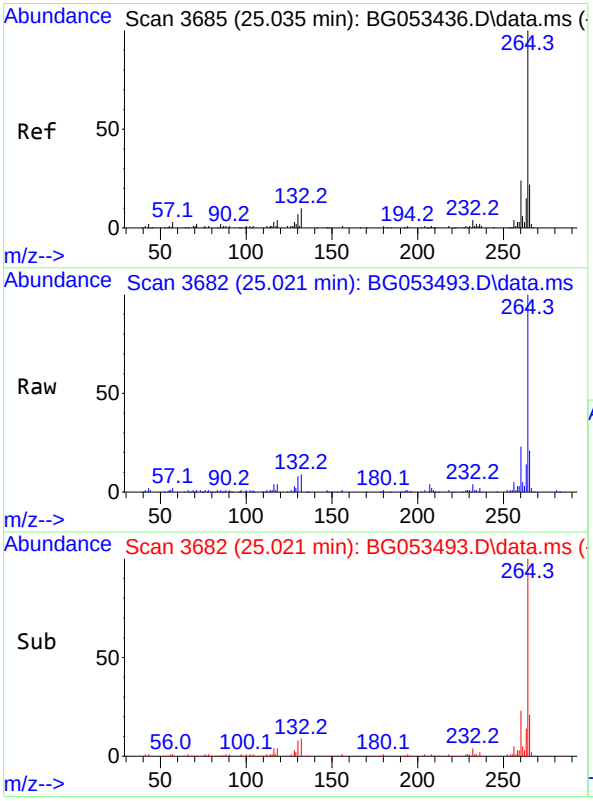
#79
Terphenyl-d14
Concen: 79.887 ng
RT: 20.063 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:244 Resp: 860044

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	6.2	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3682
Delta R.T. -0.014 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:264 Resp: 205921

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.2	17.4	26.2