Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053666.D
Acq On : 23 May 2022 16:10
Operator : CG/JU
Sample : N2968-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-40

Quant Time: May 24 05:09:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	29447	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	122921	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	93028	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	210841	20.000	ng	0.00
76) Chrysene-d12	21.712	240	195756	20.000	ng	0.00
86) Perylene-d12	24.973	264	201123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	108129	62.319	ng	0.00
7) Phenol-d6	7.226	99	101998	38.734	ng	0.00
23) Nitrobenzene-d5	9.223	82	260334	90.156	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	193828	141.268	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	601084	94.418	ng	0.00
79) Terphenyl-d14	20.038	244	964163	91.733	ng	0.00
Target Compounds						Qvalue

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

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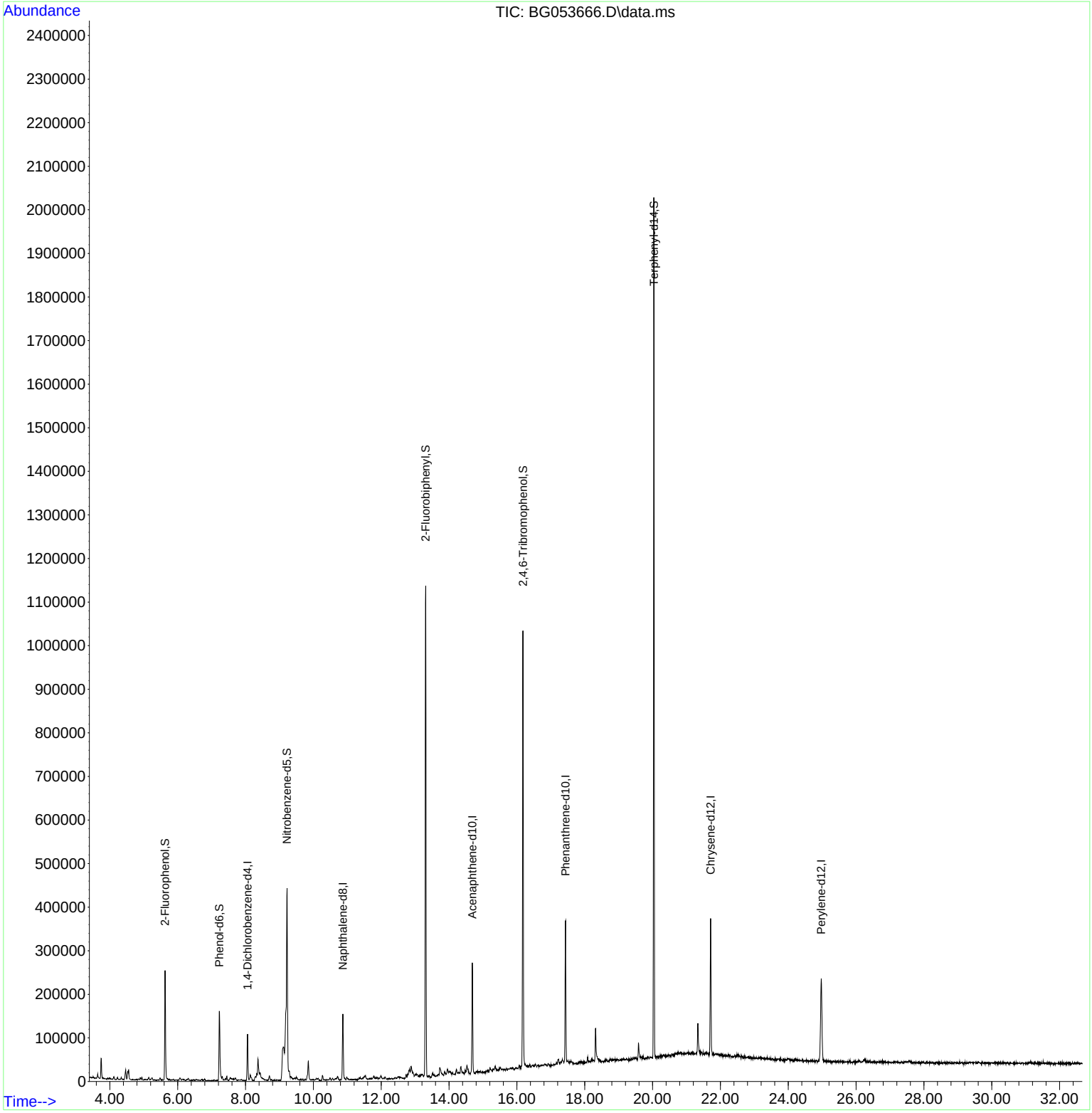
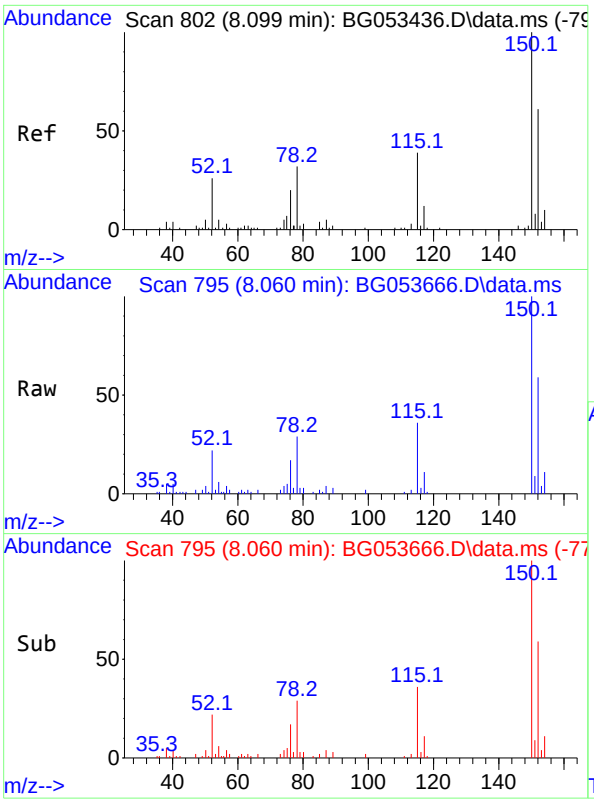


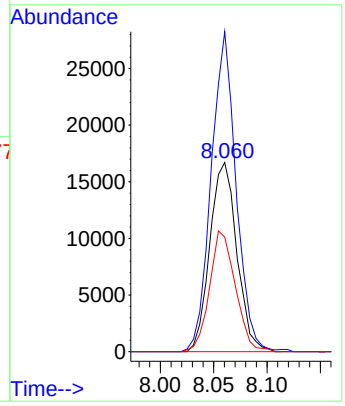


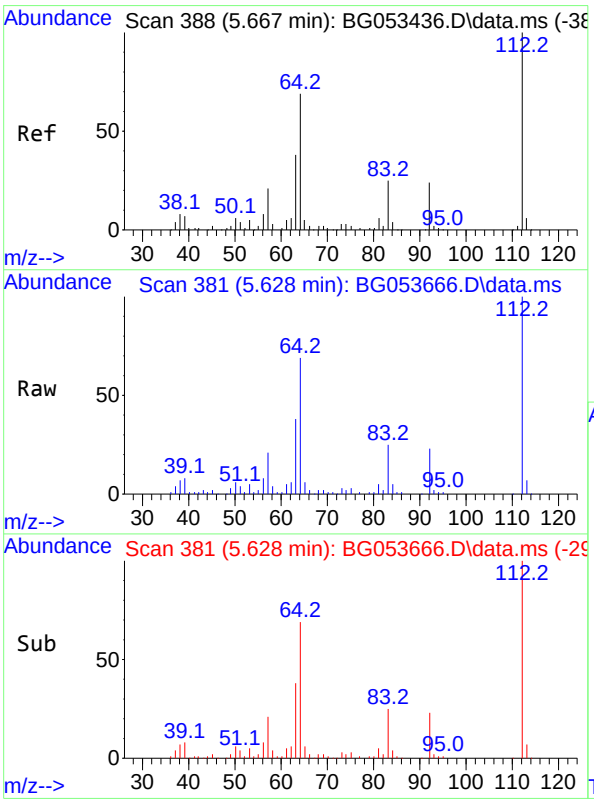
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:152 Resp: 29447

Ion	Ratio	Lower	Upper
152	100		
150	169.2	131.6	197.4
115	60.6	50.9	76.3

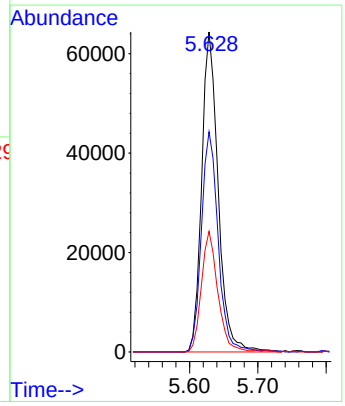


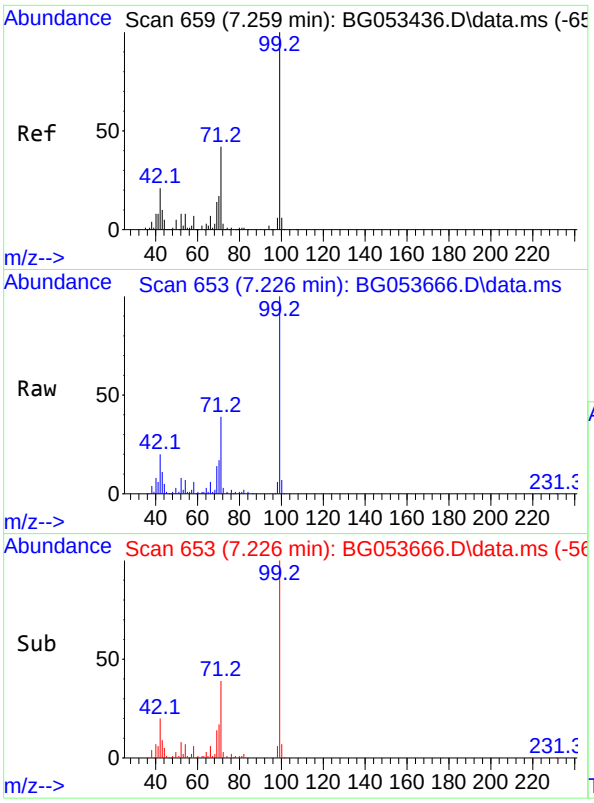


#5
2-Fluorophenol
Concen: 62.319 ng
RT: 5.628 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:112 Resp: 108129

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.1	82.7
63	37.7	30.4	45.6



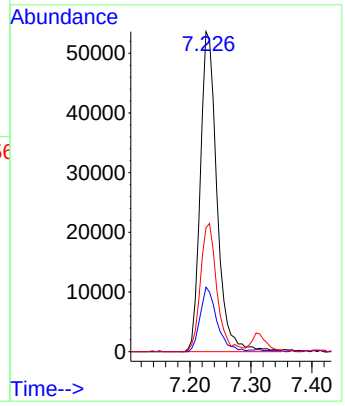


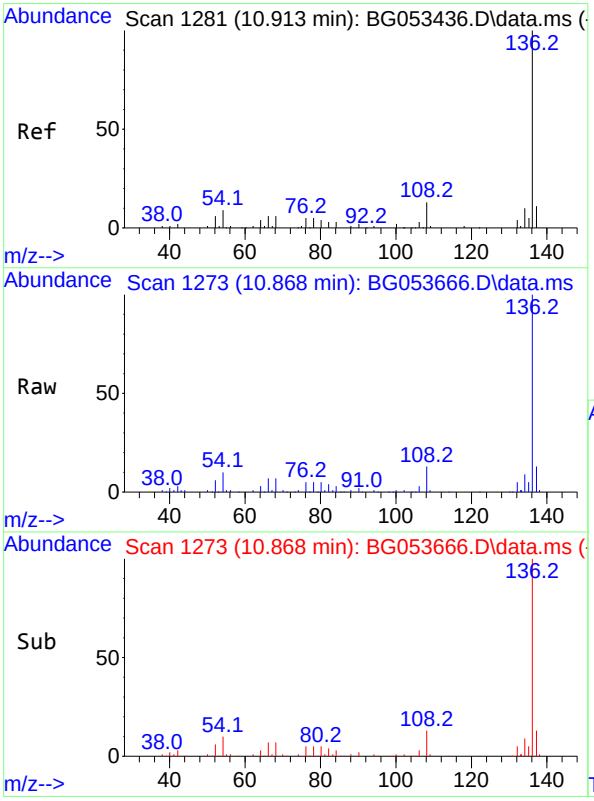
#7
Phenol-d6
Concen: 38.734 ng
RT: 7.226 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion: 99 Resp: 101998

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	38.7	33.8	50.8

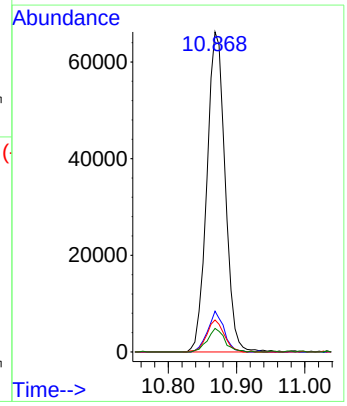


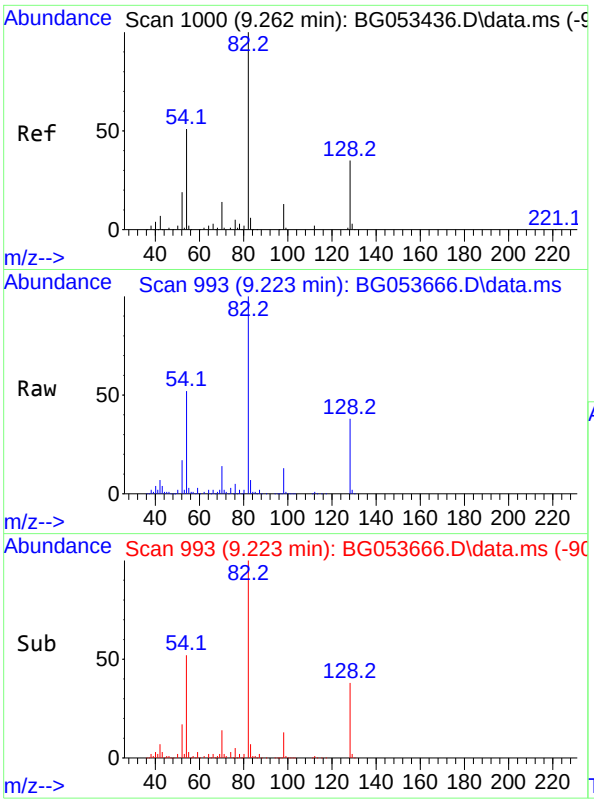


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:136 Resp: 122921

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.5	12.7#
54	10.0	7.4	11.2
68	7.3	4.9	7.3#



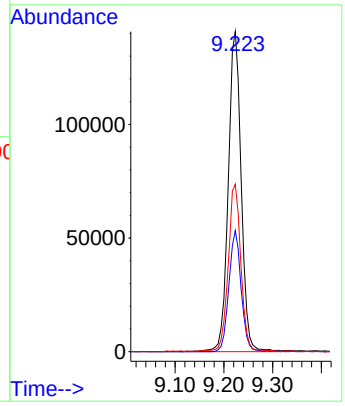


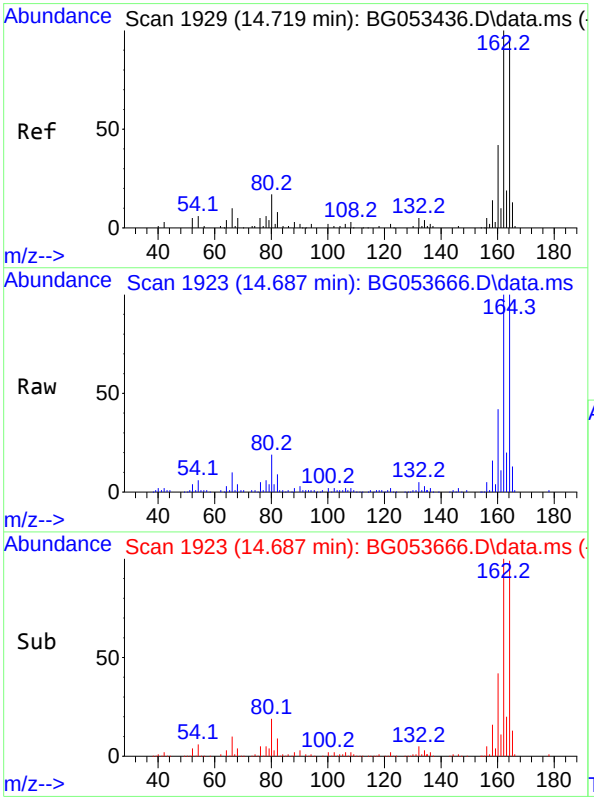
#23
Nitrobenzene-d5
Concen: 90.156 ng
RT: 9.223 min Scan# 9
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion: 82 Resp: 260334

Ion	Ratio	Lower	Upper
82	100		
128	37.8	27.9	41.9
54	52.3	41.2	61.8

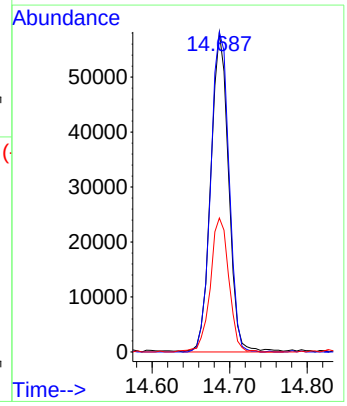


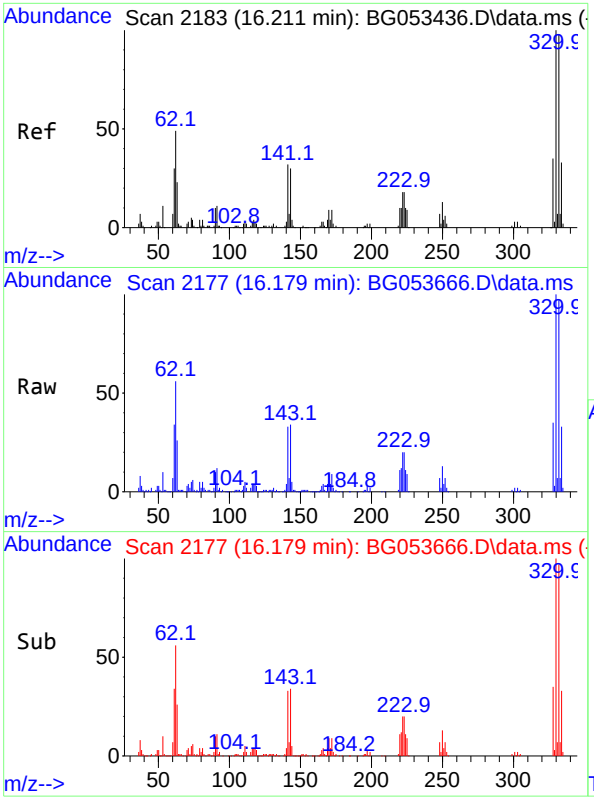


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:164 Resp: 93028

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.3	123.5
160	41.9	34.2	51.2



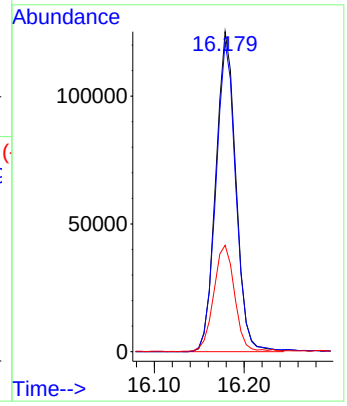


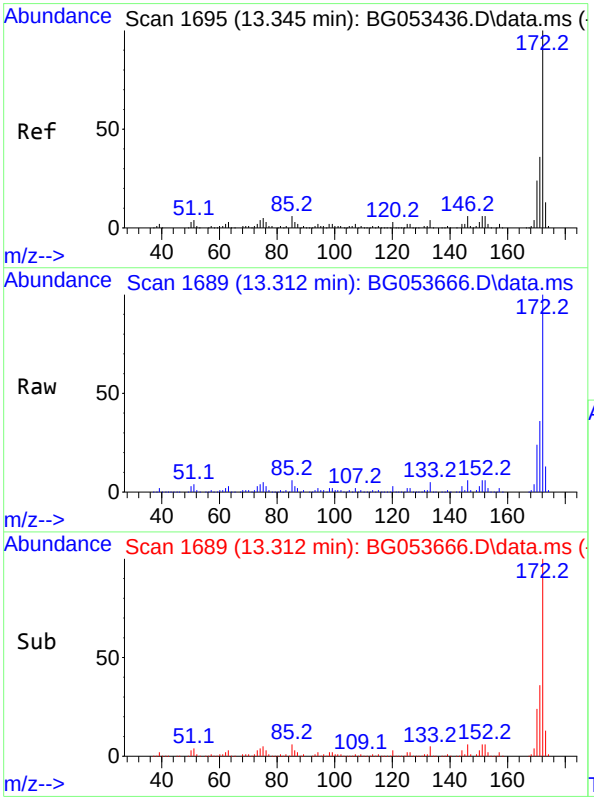
#42
2,4,6-Tribromophenol
Concen: 141.268 ng
RT: 16.179 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:330 Resp: 193828

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	35.0	27.1	40.7

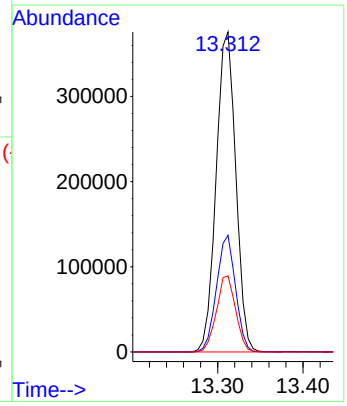


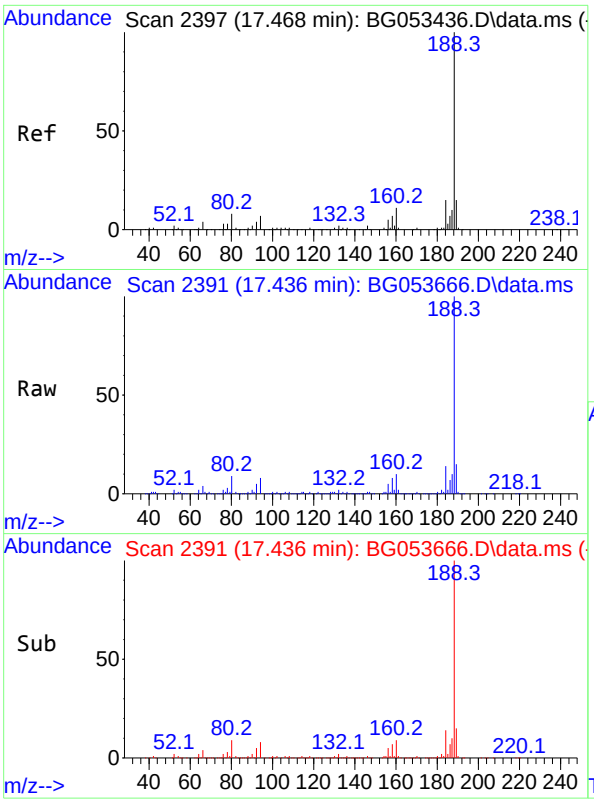


#45
2-Fluorobiphenyl
Concen: 94.418 ng
RT: 13.312 min Scan# 1689
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:172 Resp: 601084

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.8	18.9	28.3



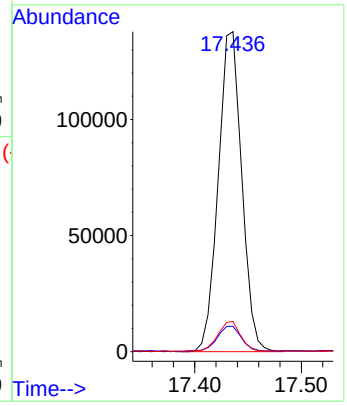


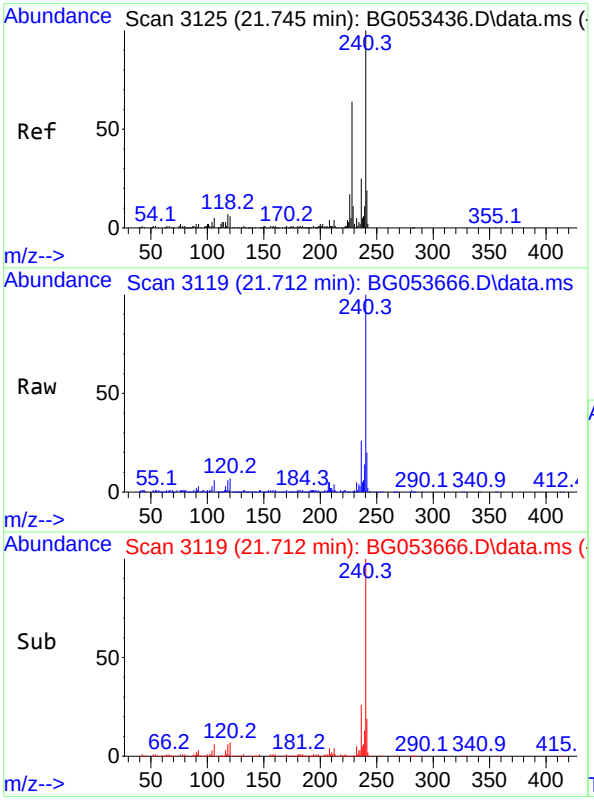
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:188 Resp: 210841

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.4	8.0
80	9.4	6.8	10.2

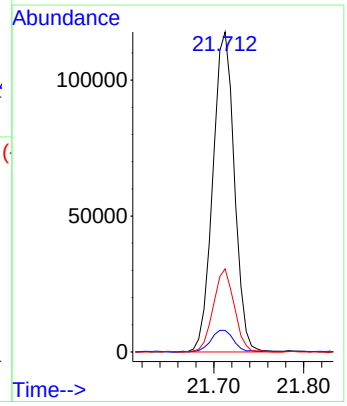


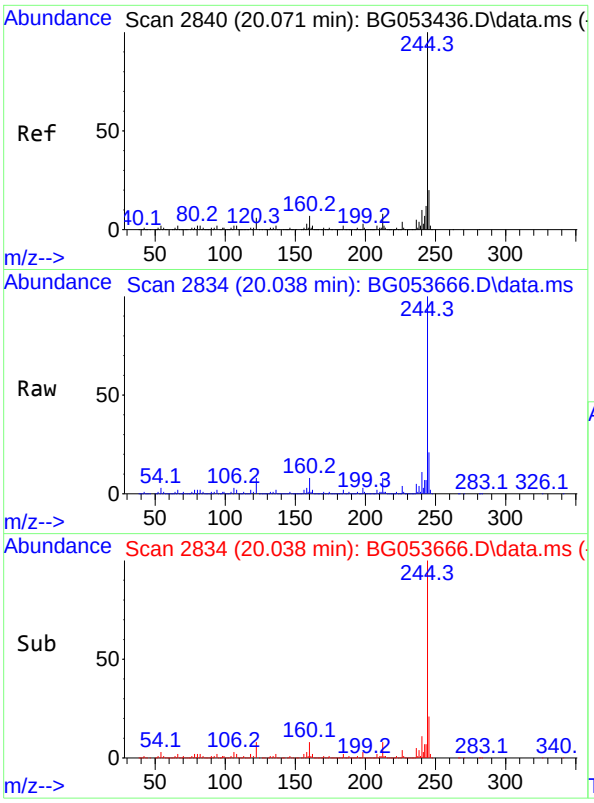


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:240 Resp: 195756

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.6	7.0
236	26.0	20.2	30.4



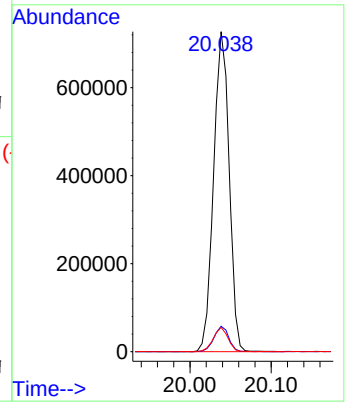


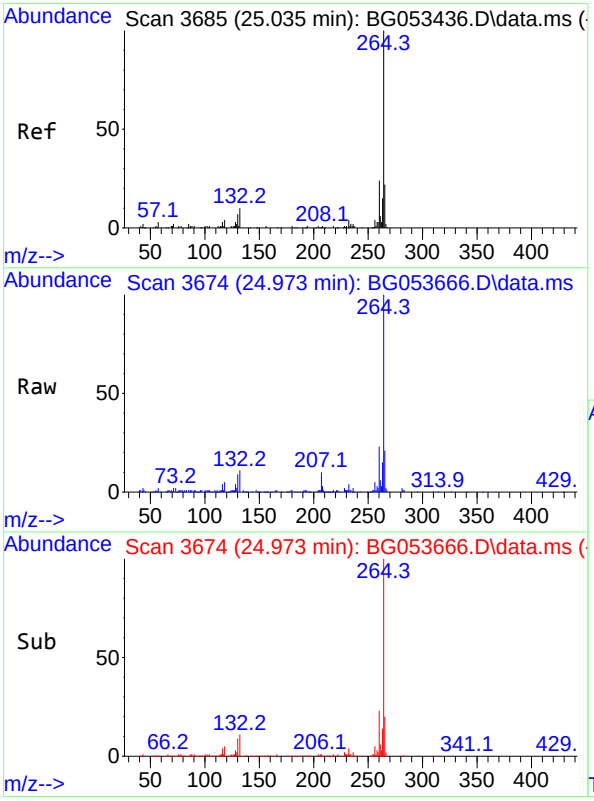
#79
Terphenyl-d14
Concen: 91.733 ng
RT: 20.038 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:244 Resp: 964163

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	7.6	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.973 min Scan# 3674
Delta R.T. -0.009 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:264 Resp: 201123

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.8	17.4	26.2