Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061156.D
Acq On : 9 May 2024 18:13
Operator : MA/JU
Sample : P2415-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Quant Time: May 09 18:50:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	26427	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	101097	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	75252	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	181381	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	184090	20.000	ng	-0.03
86) Perylene-d12	24.692	264	215819	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	27441	21.118	ng	-0.02
7) Phenol-d6	7.113	99	36061	18.760	ng	-0.02
23) Nitrobenzene-d5	9.087	82	26799	13.141	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	23624	15.706	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	68329	13.427	ng	-0.03
79) Terphenyl-d14	19.927	244	132388	11.960	ng	-0.03
Target Compounds						Qvalue

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

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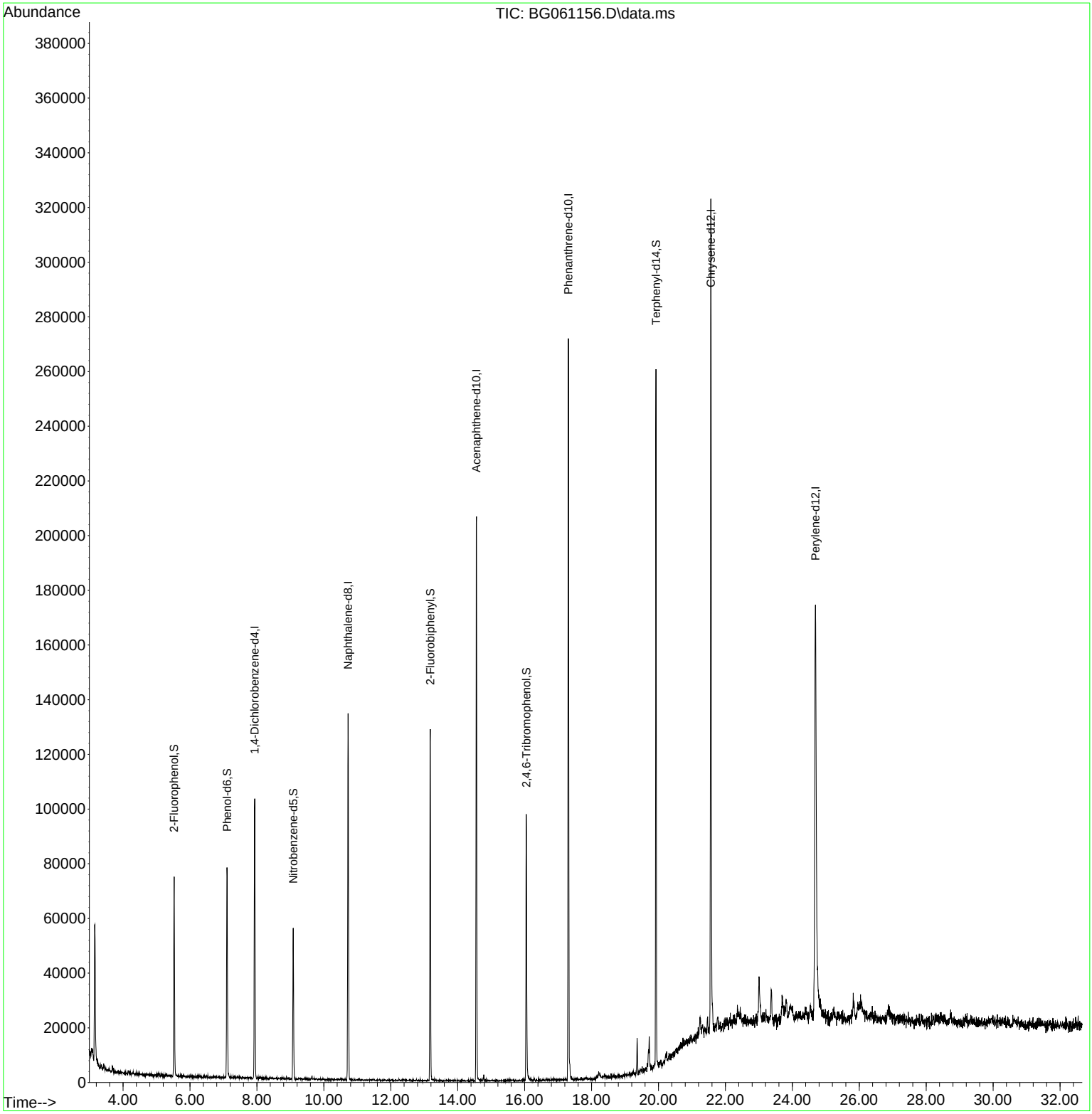
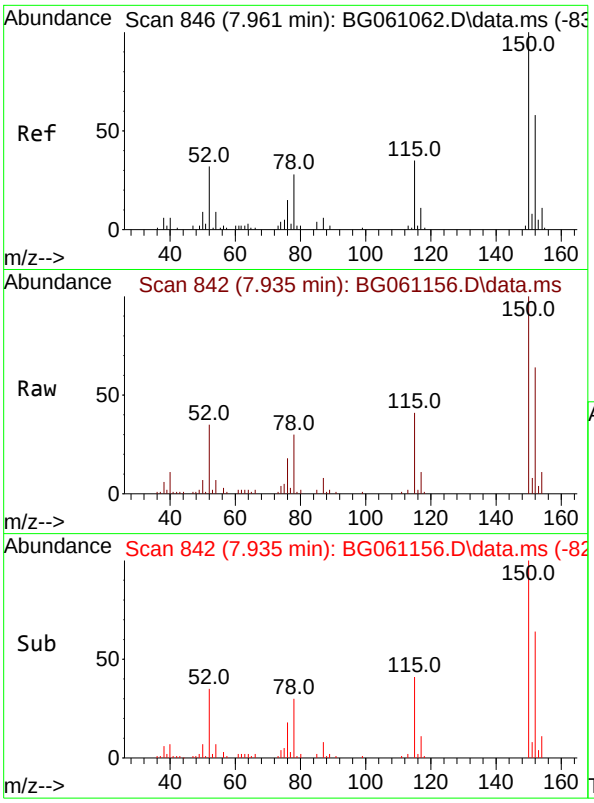
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



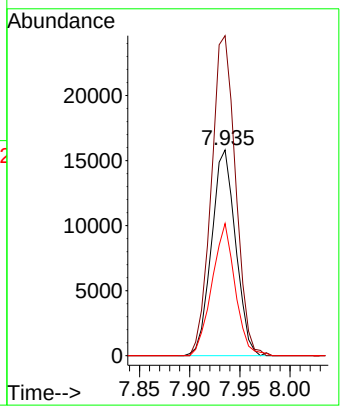


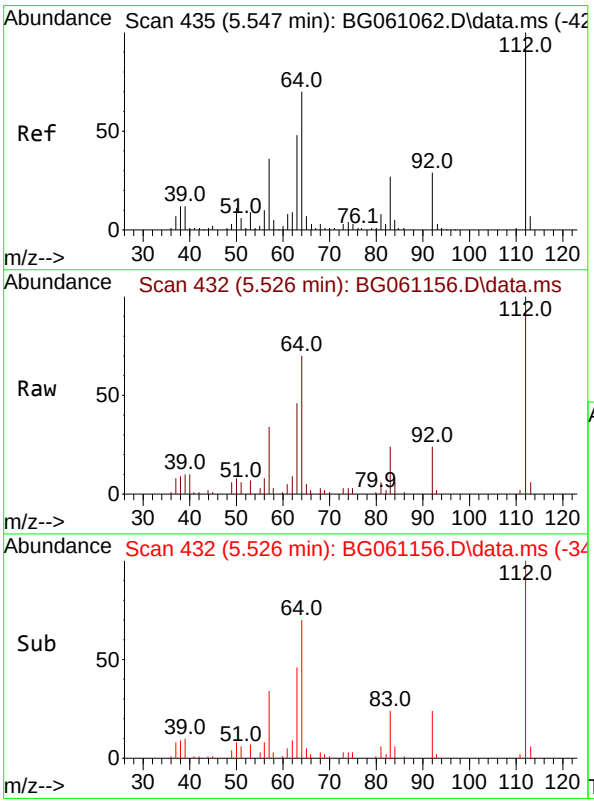
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion:152 Resp: 26427

Ion	Ratio	Lower	Upper
152	100		
150	155.5	138.3	207.5
115	64.2	48.0	72.0

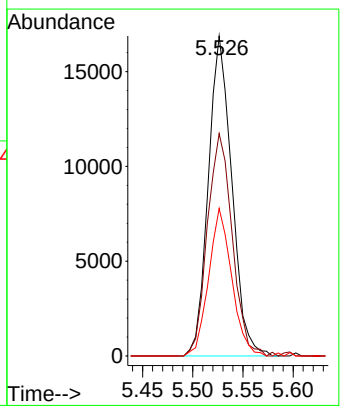


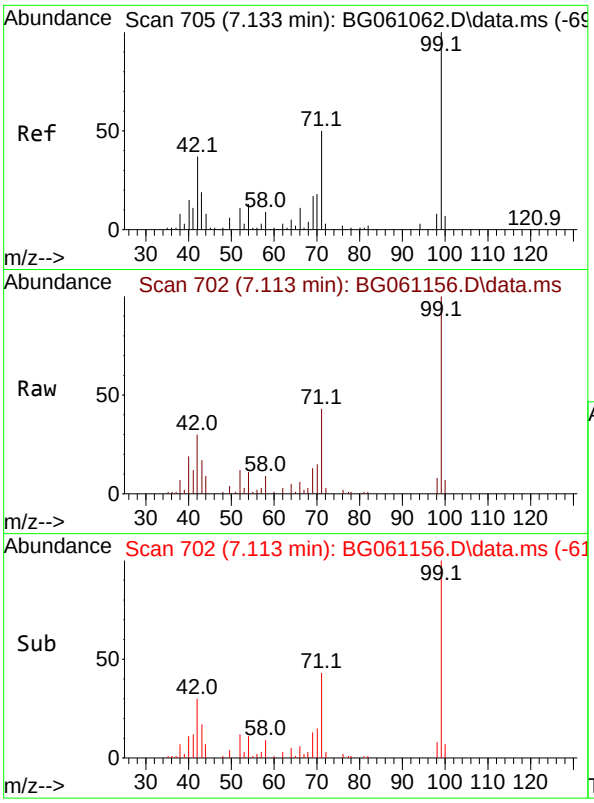


#5
2-Fluorophenol
Concen: 21.118 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:112 Resp: 27441

Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.7	83.5
63	46.1	38.1	57.1



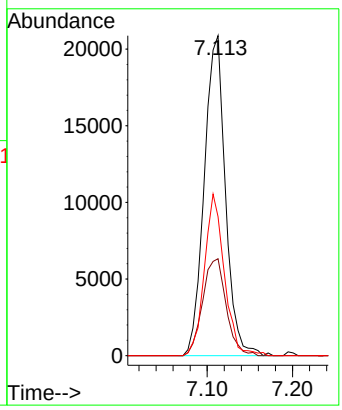


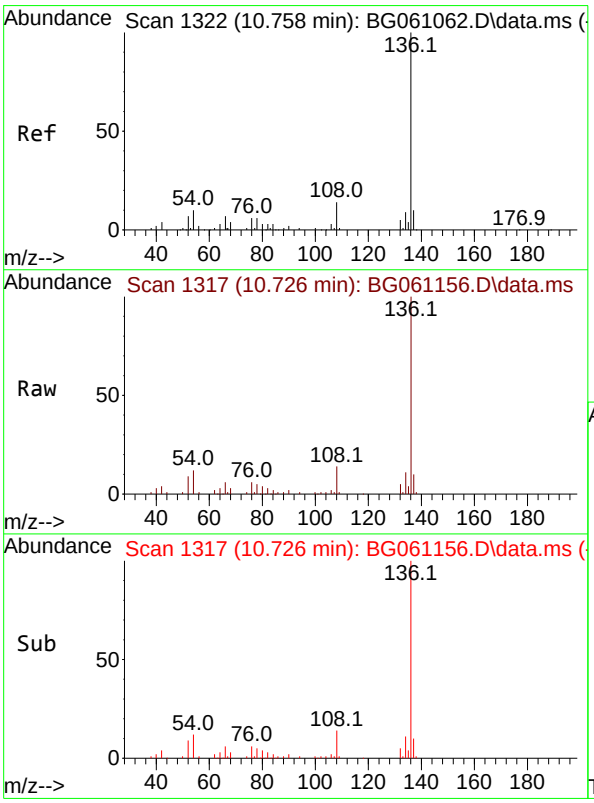
#7
Phenol-d6
Concen: 18.760 ng
RT: 7.113 min Scan# 7(
Delta R.T. -0.020 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion: 99 Resp: 36061

Ion	Ratio	Lower	Upper
99	100		
42	30.3	29.2	43.8
71	43.4	39.7	59.5

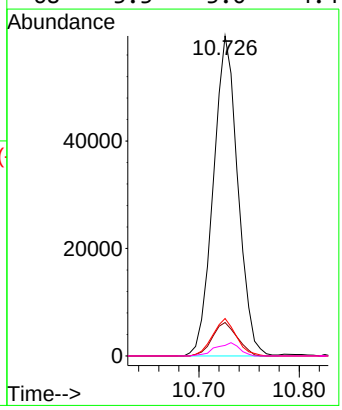


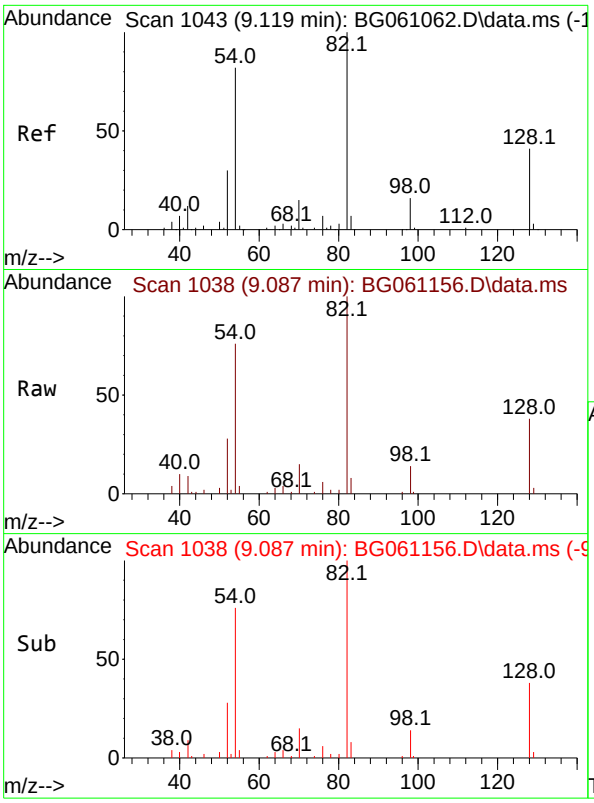


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:136 Resp: 101097

Ion	Ratio	Lower	Upper
136	100		
137	10.4	7.8	11.6
54	11.7	8.1	12.1
68	3.3	3.0	4.4



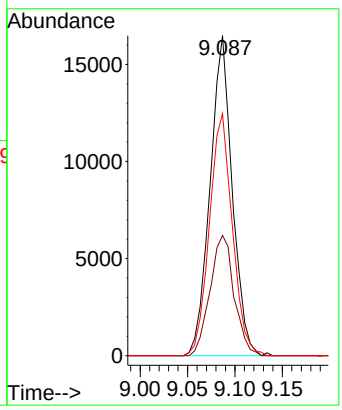


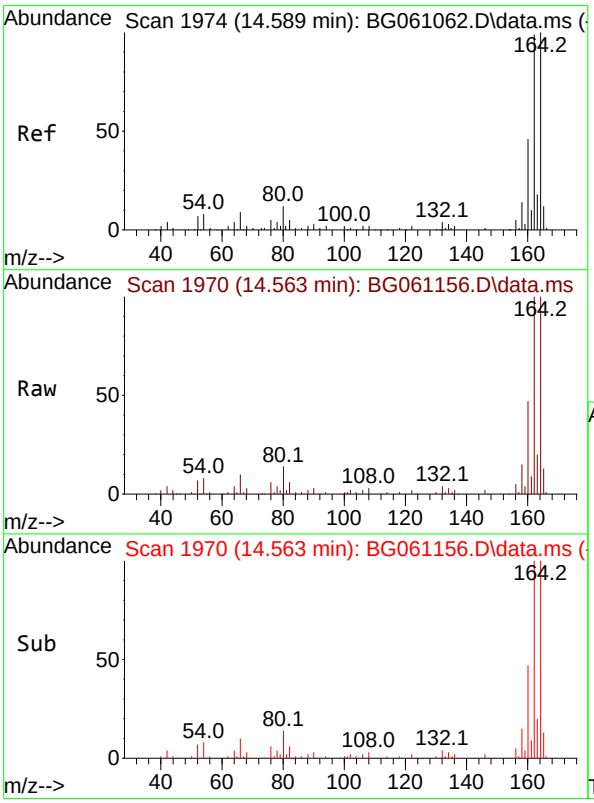
#23
Nitrobenzene-d5
Concen: 13.141 ng
RT: 9.087 min Scan# 1
Delta R.T. -0.032 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion: 82 Resp: 26799

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.7	49.1
54	75.7	65.6	98.4

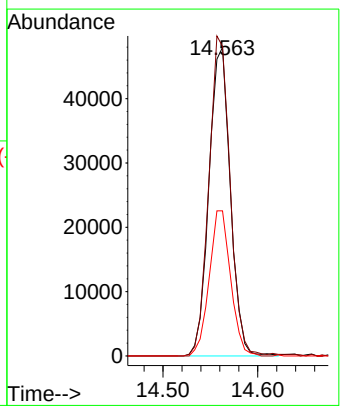


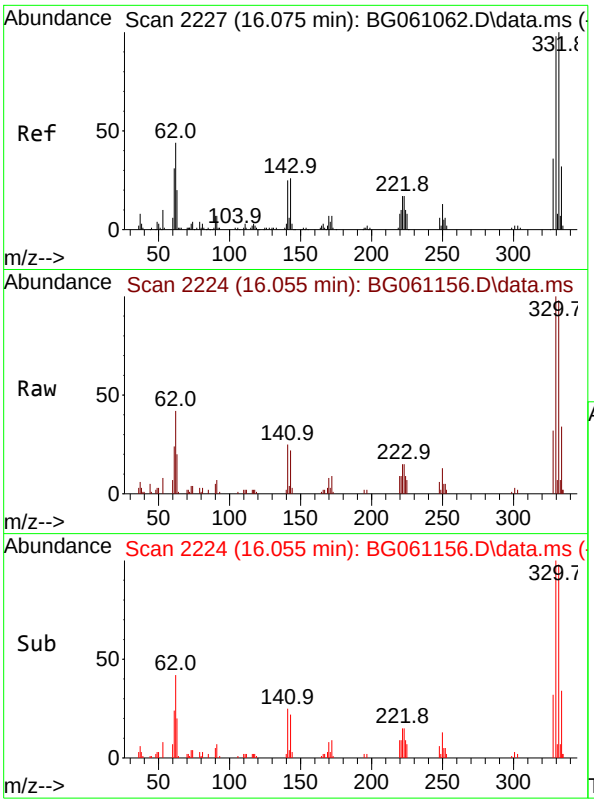


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:164 Resp: 75252

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.2
160	47.0	37.0	55.6



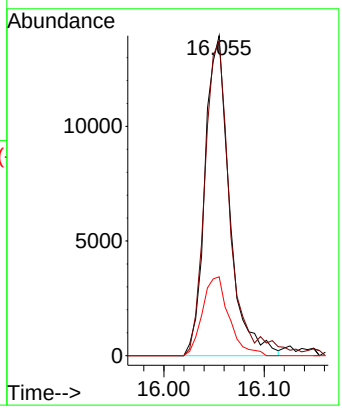


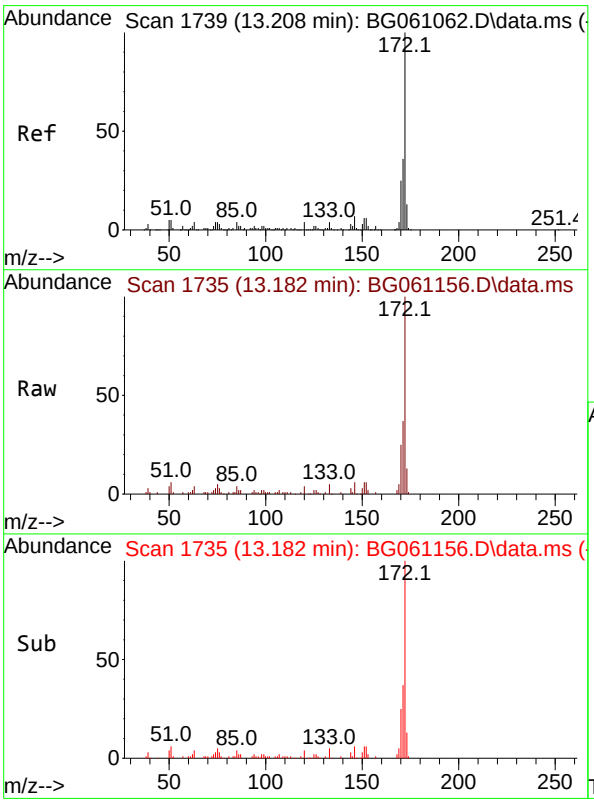
#42
2,4,6-Tribromophenol
Concen: 15.706 ng
RT: 16.055 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion:330 Resp: 23624

Ion	Ratio	Lower	Upper
330	100		
332	102.1	78.6	117.8
141	26.8	20.5	30.7

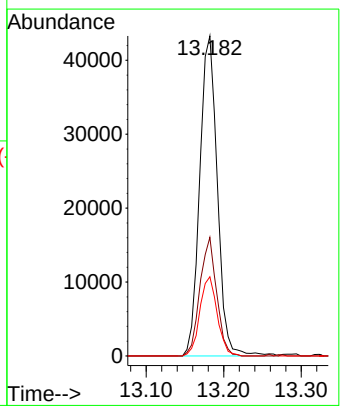


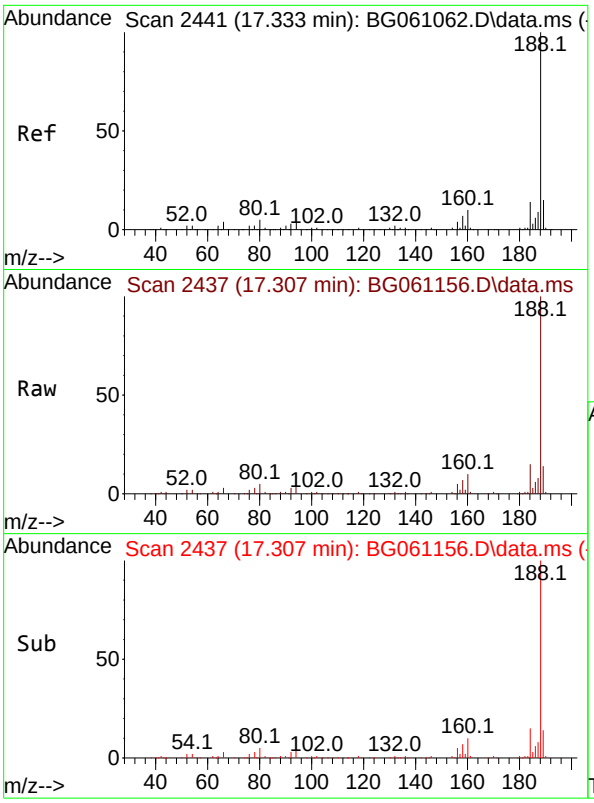


#45
2-Fluorobiphenyl
Concen: 13.427 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:172 Resp: 68329

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	20.2	30.4



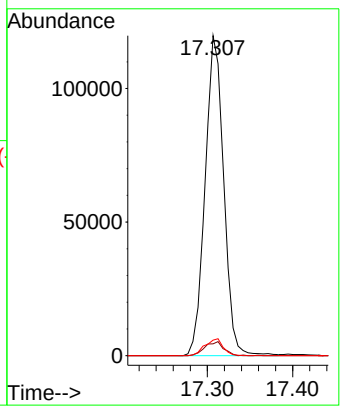


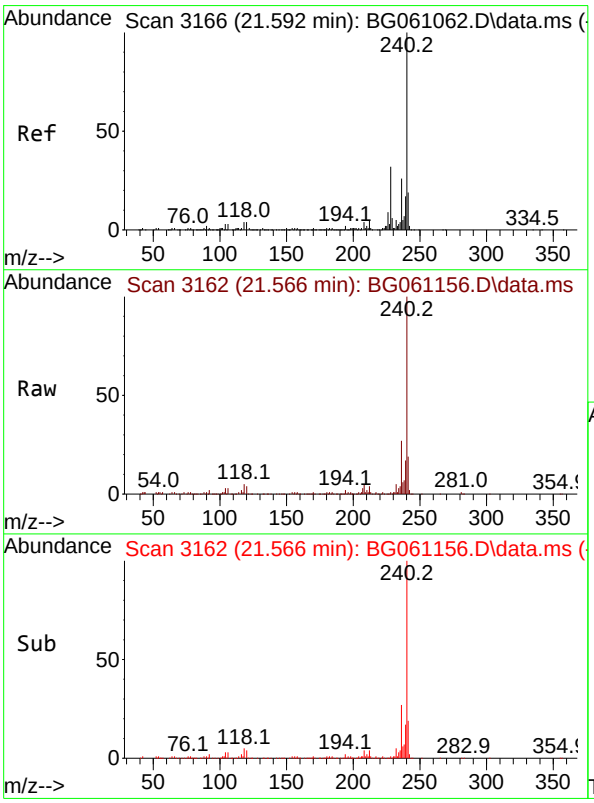
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion:188 Resp: 181381

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.6	5.4
80	4.8	4.2	6.2

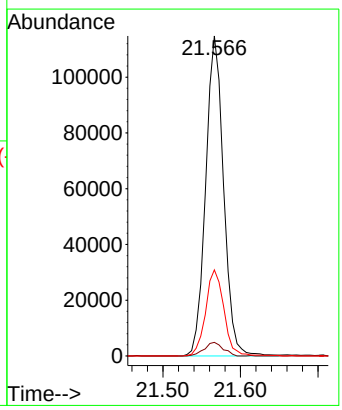


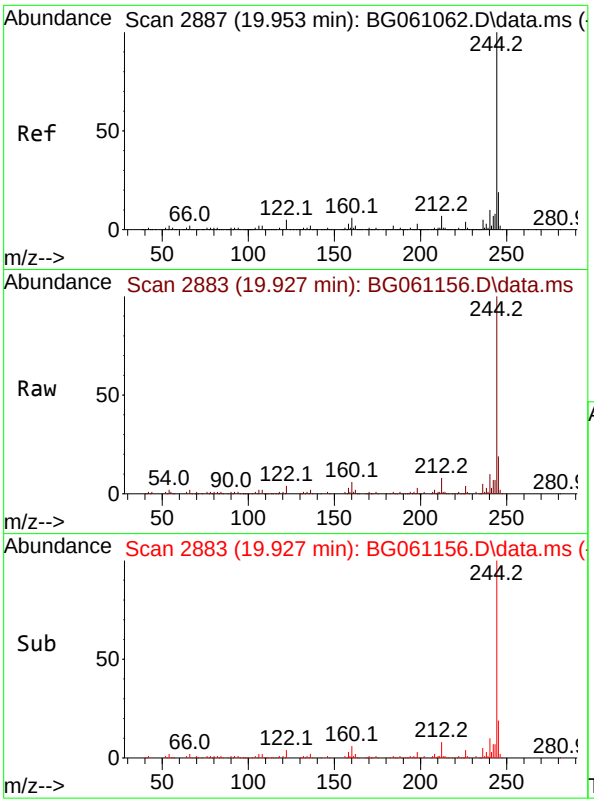


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:240 Resp: 184090

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.2	4.8
236	26.9	21.0	31.6



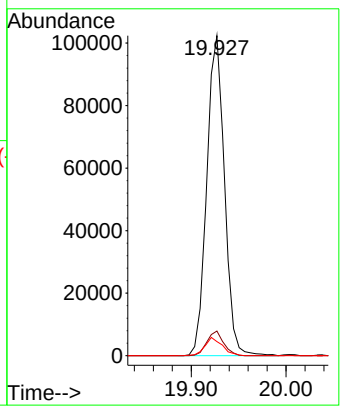


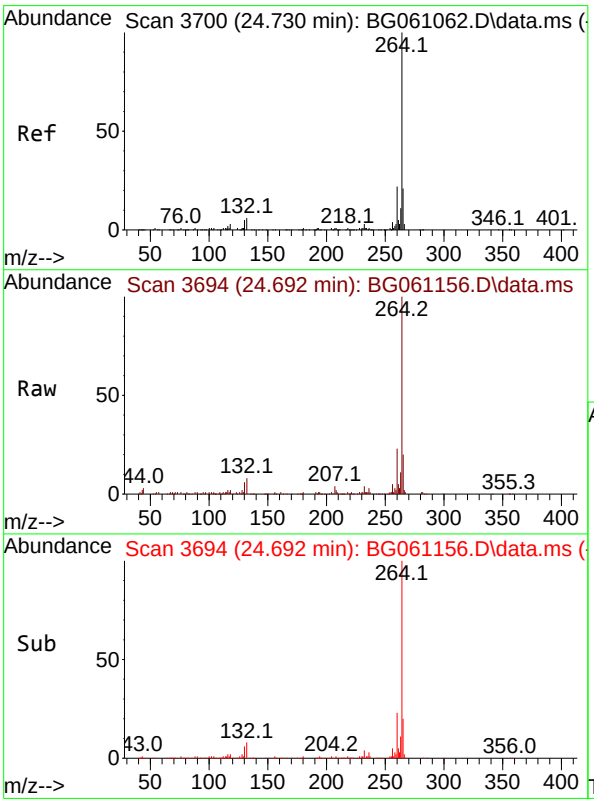
#79
Terphenyl-d14
Concen: 11.960 ng
RT: 19.927 min Scan# 2
Delta R.T. -0.026 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion:244 Resp: 132388

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	4.4	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.038 min
Lab File: BG061156.D
Acq: 9 May 2024 18:13

Tgt Ion:264 Resp: 215819

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.7	26.5
265	20.4	16.4	24.6