Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061158.D
Acq On : 9 May 2024 19:36
Operator : MA/JU
Sample : P2391-04 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-1

Quant Time: May 10 02:26:34 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	7.938	152	28567	20.000	ng	-0.02
21) Naphthalene-d8	10.729	136	108422	20.000	ng	#-0.03
39) Acenaphthene-d10	14.566	164	76272	20.000	ng	-0.02
64) Phenanthrene-d10	17.321	188	164042	20.000	ng	#-0.01
76) Chrysene-d12	21.575	240	166694	20.000	ng	#-0.02
86) Perylene-d12	24.695	264	199605	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	3383	2.408	ng	-0.01
7) Phenol-d6	7.110	99	5387	2.592	ng	-0.02
23) Nitrobenzene-d5	9.084	82	4504	2.059	ng	-0.03
42) 2,4,6-Tribromophenol	16.064	330	3637	2.386	ng	-0.01
45) 2-Fluorobiphenyl	13.179	172	11672	2.263	ng	-0.03
79) Terphenyl-d14	19.936	244	24542	2.449	ng	-0.02
Target Compounds						Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
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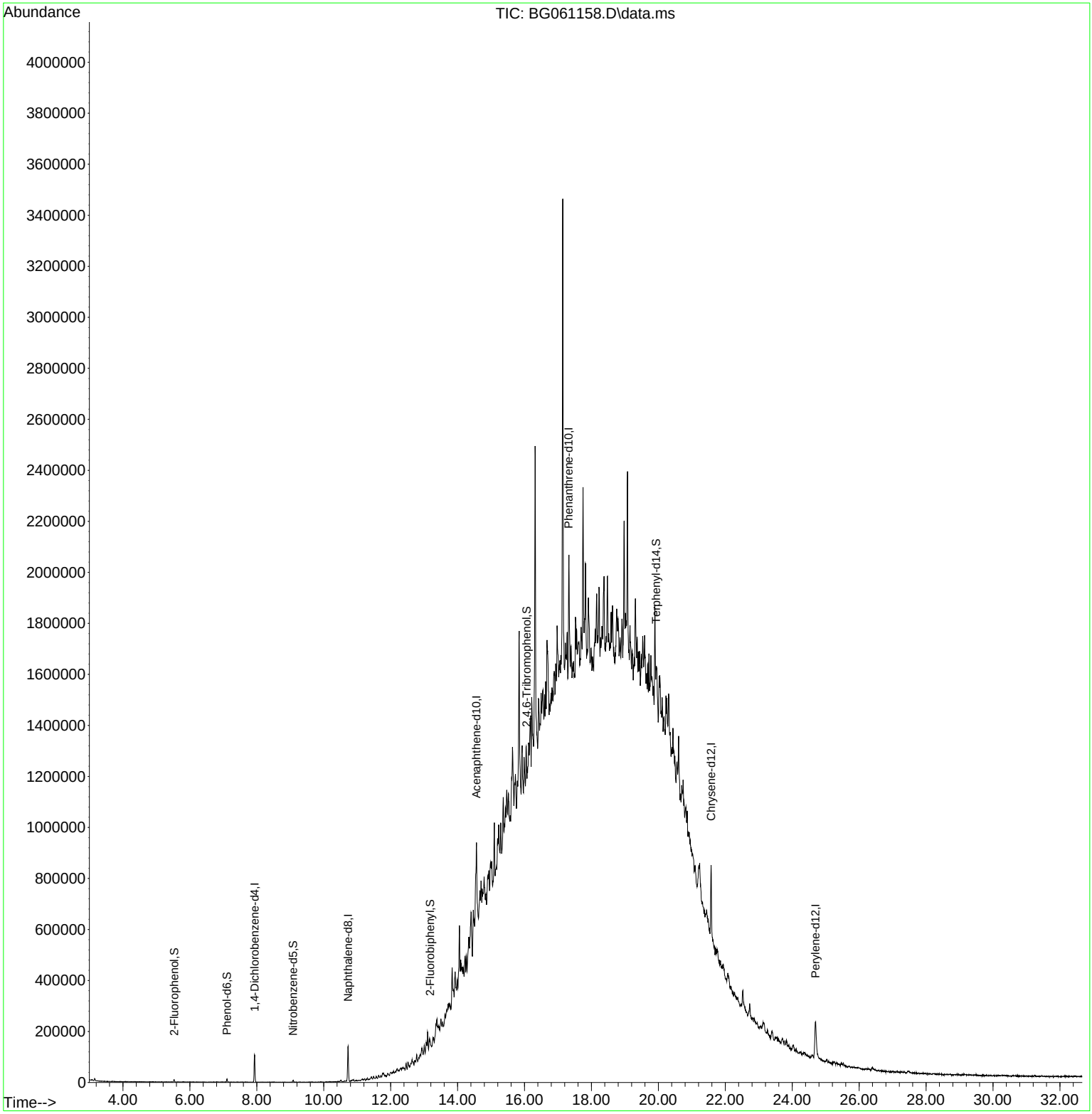
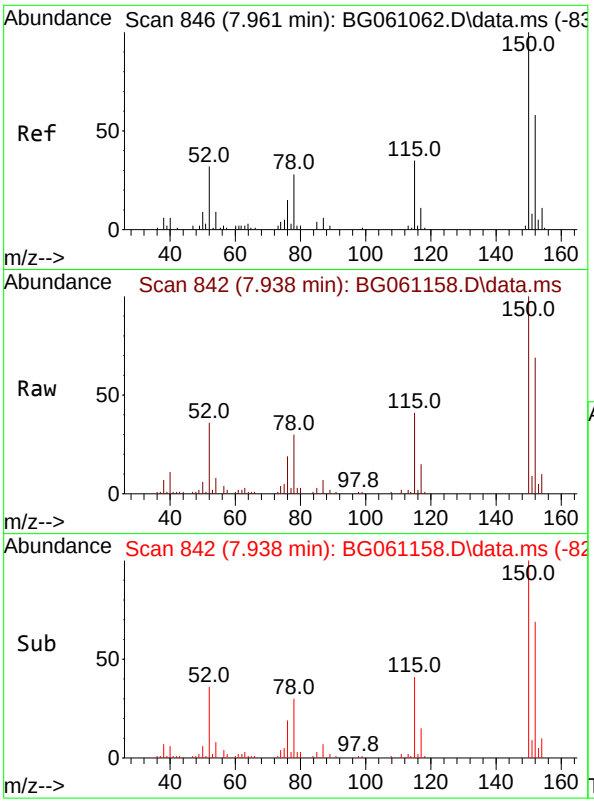


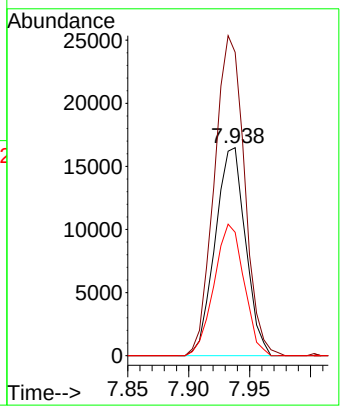


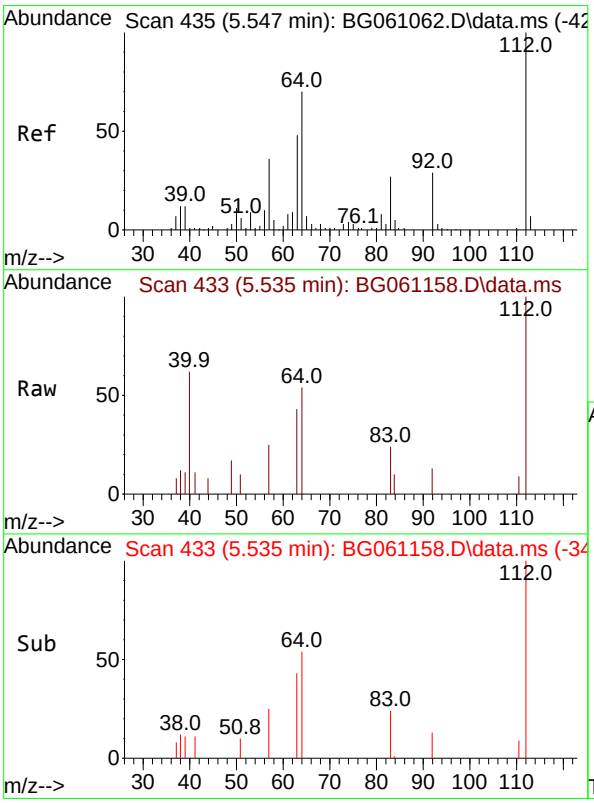
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 84
Delta R.T. -0.023 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:152 Resp: 28567

Ion	Ratio	Lower	Upper
152	100		
150	145.9	138.3	207.5
115	59.3	48.0	72.0

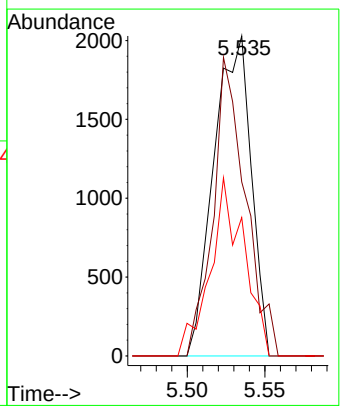


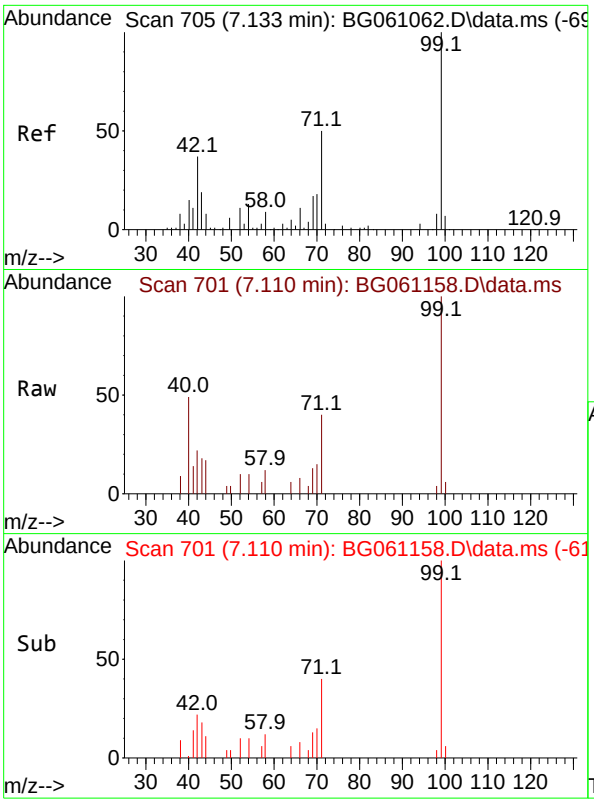


#5
2-Fluorophenol
Concen: 2.408 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.011 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:112 Resp: 3383

Ion	Ratio	Lower	Upper
112	100		
64	54.4	55.7	83.5#
63	43.3	38.1	57.1



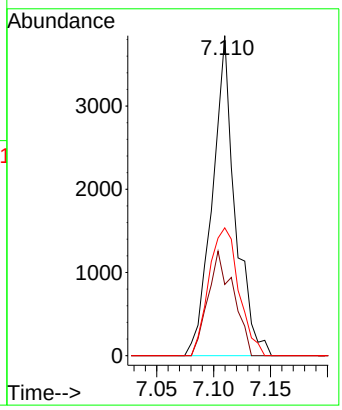


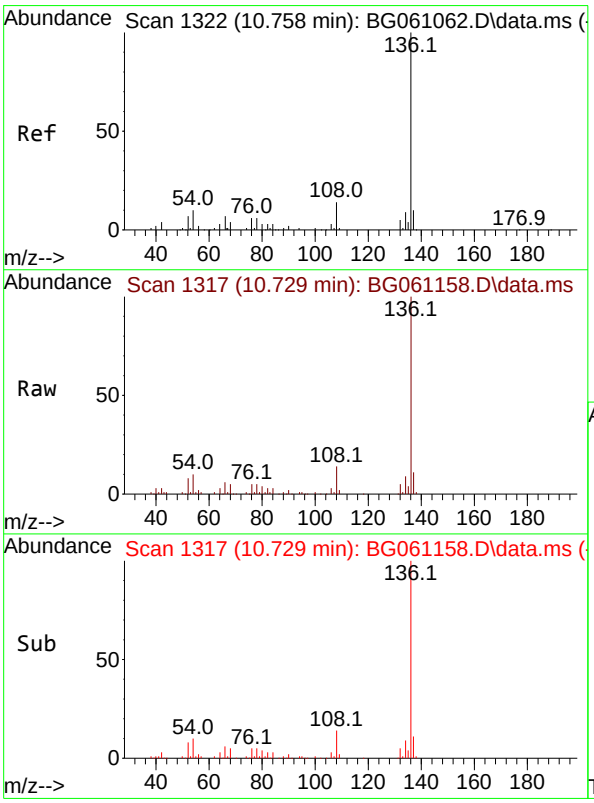
#7
Phenol-d6
Concen: 2.592 ng
RT: 7.110 min Scan# 7(
Delta R.T. -0.023 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion: 99 Resp: 5387

Ion	Ratio	Lower	Upper
99	100		
42	22.3	29.2	43.8#
71	40.0	39.7	59.5

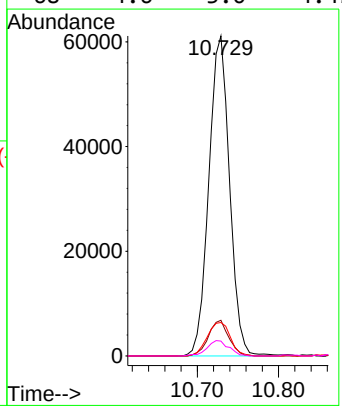


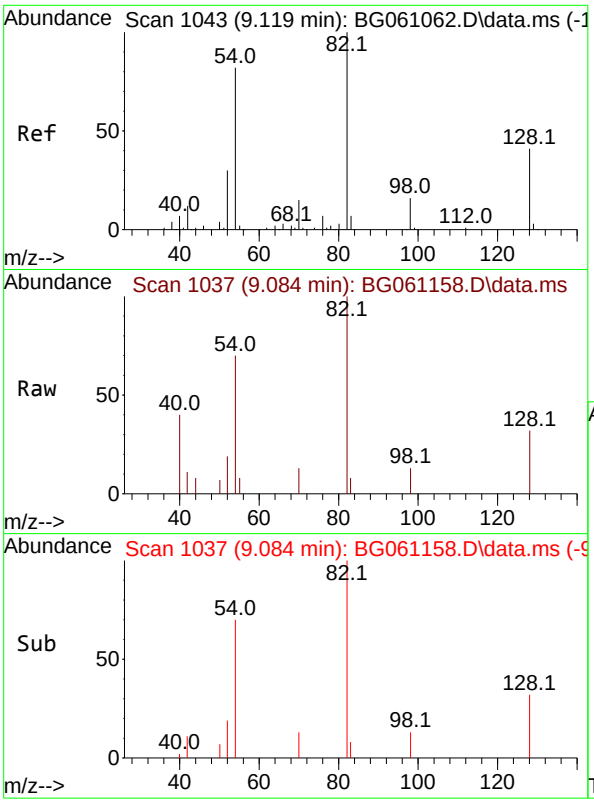


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1317
Delta R.T. -0.029 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:136 Resp: 108422

Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.8	11.6
54	10.4	8.1	12.1
68	4.6	3.0	4.4#



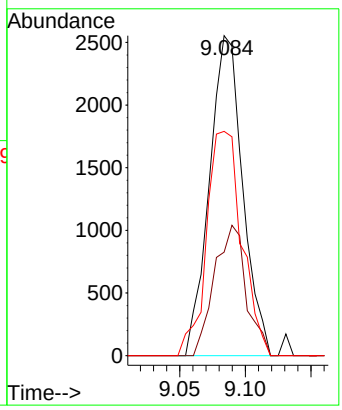


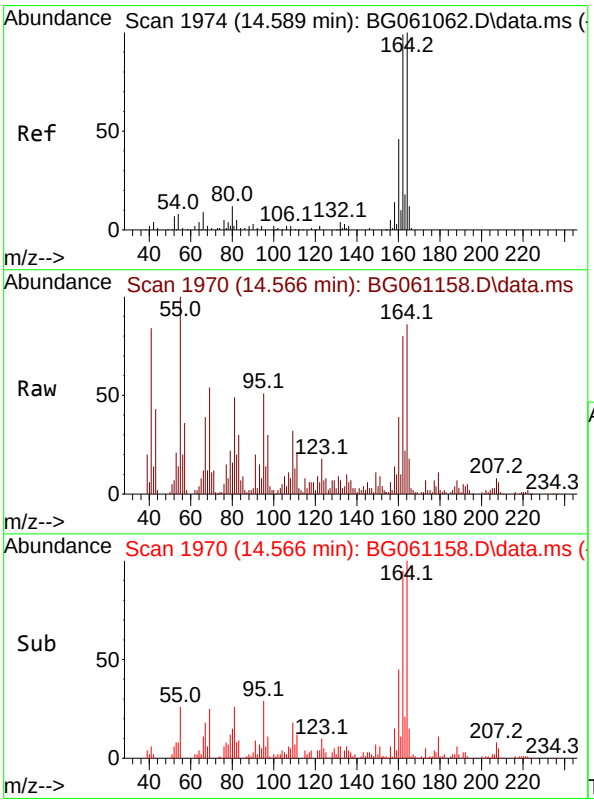
#23
Nitrobenzene-d5
Concen: 2.059 ng
RT: 9.084 min Scan# 1
Delta R.T. -0.035 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion: 82 Resp: 4504

Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.7	49.1#
54	70.1	65.6	98.4

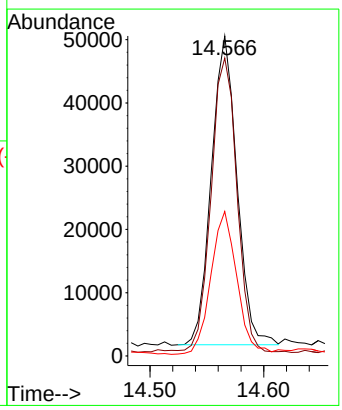


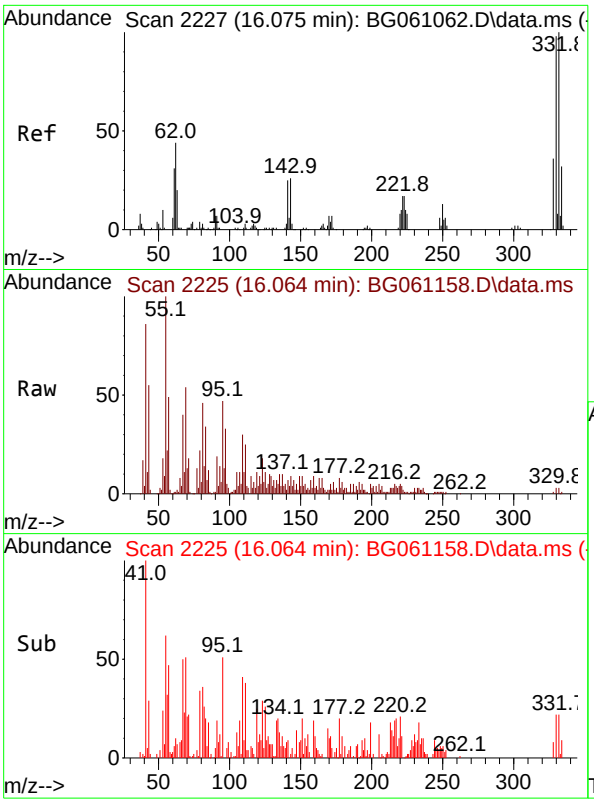


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1970
Delta R.T. -0.023 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:164 Resp: 76272

Ion	Ratio	Lower	Upper
164	100		
162	93.1	79.4	119.2
160	45.2	37.0	55.6



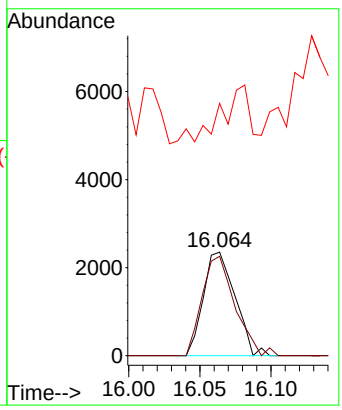


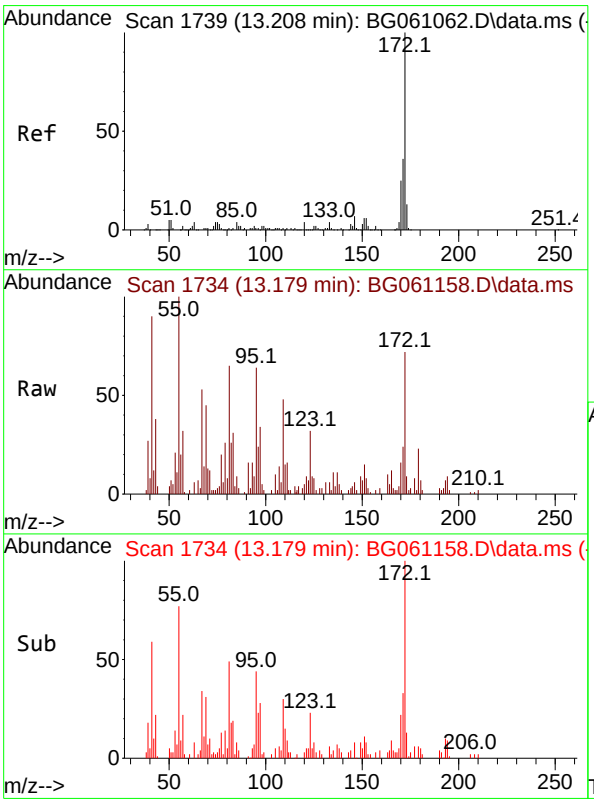
#42
2,4,6-Tribromophenol
Concen: 2.386 ng
RT: 16.064 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:330 Resp: 3637

Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.6	117.8
141	30.8	20.5	30.7#

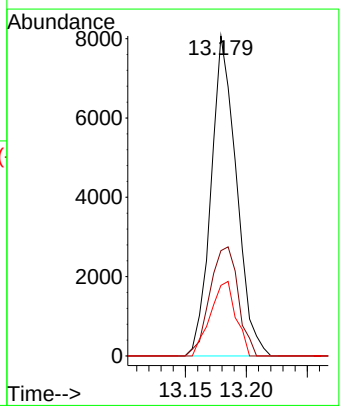


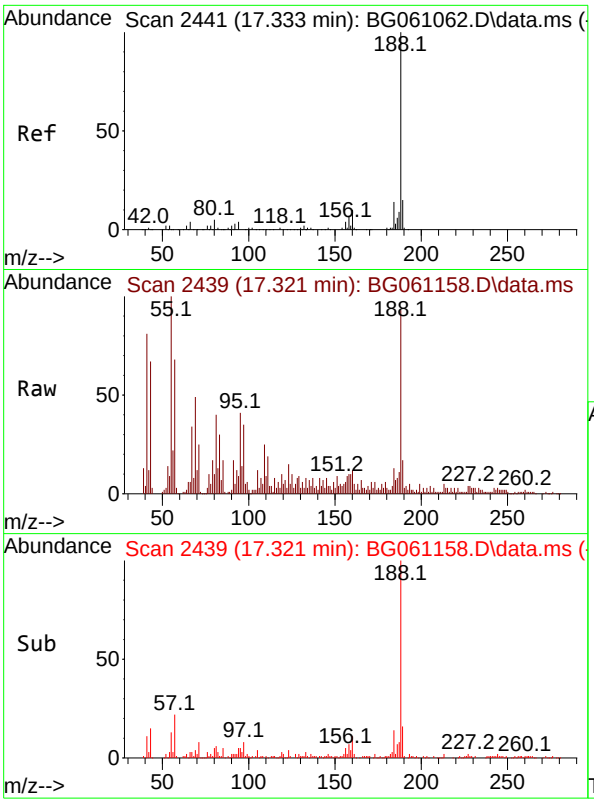


#45
2-Fluorobiphenyl
Concen: 2.263 ng
RT: 13.179 min Scan# 1734
Delta R.T. -0.029 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:172 Resp: 11672

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.0	43.6
170	22.1	20.2	30.4



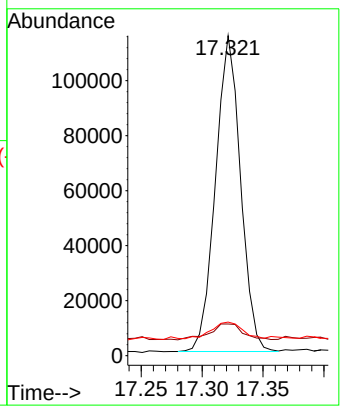


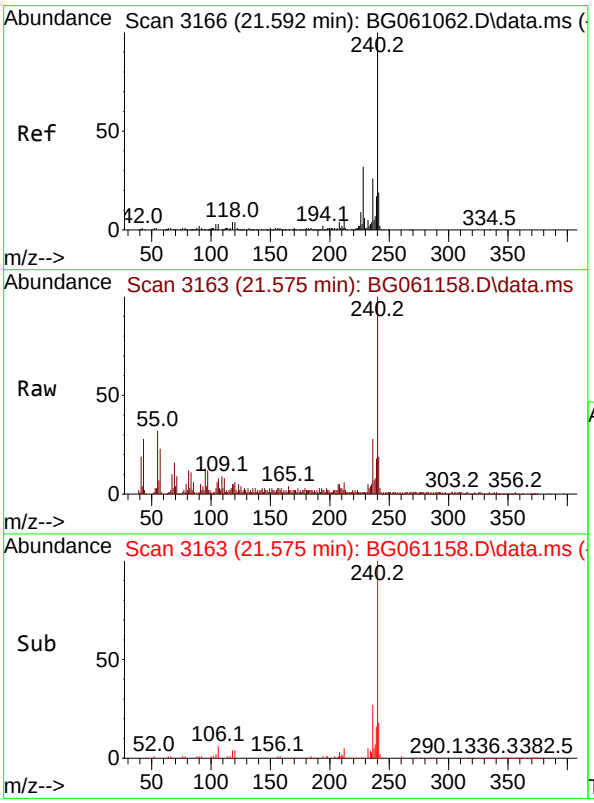
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:188 Resp: 164042

Ion	Ratio	Lower	Upper
188	100		
94	9.9	3.6	5.4#
80	10.5	4.2	6.2#

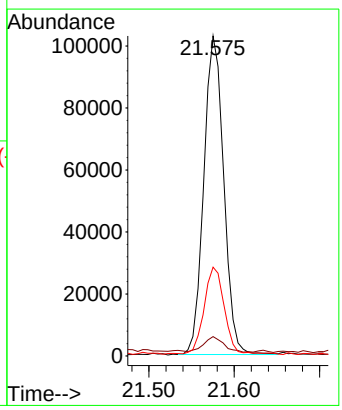


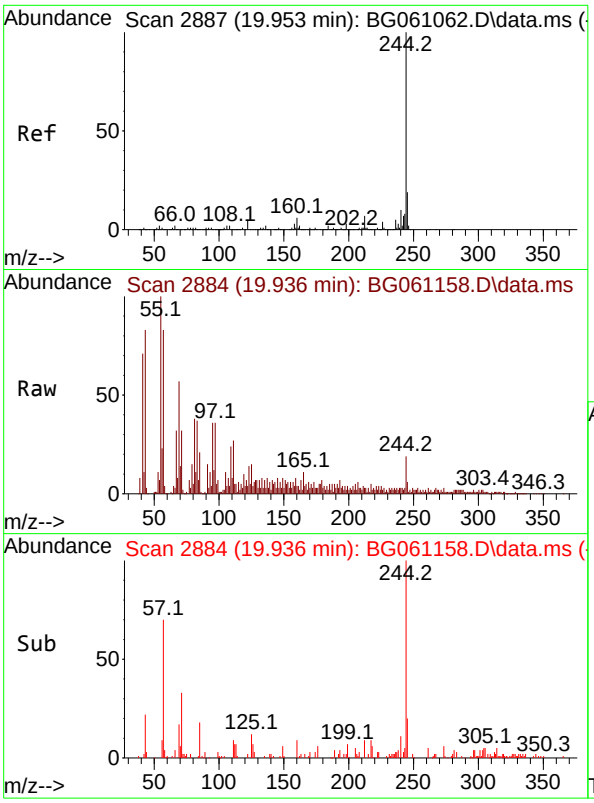


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.017 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:240 Resp: 166694

Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.2	4.8#
236	27.8	21.0	31.6



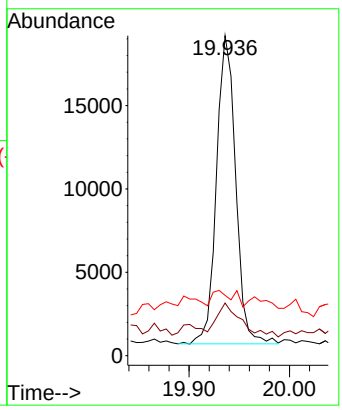


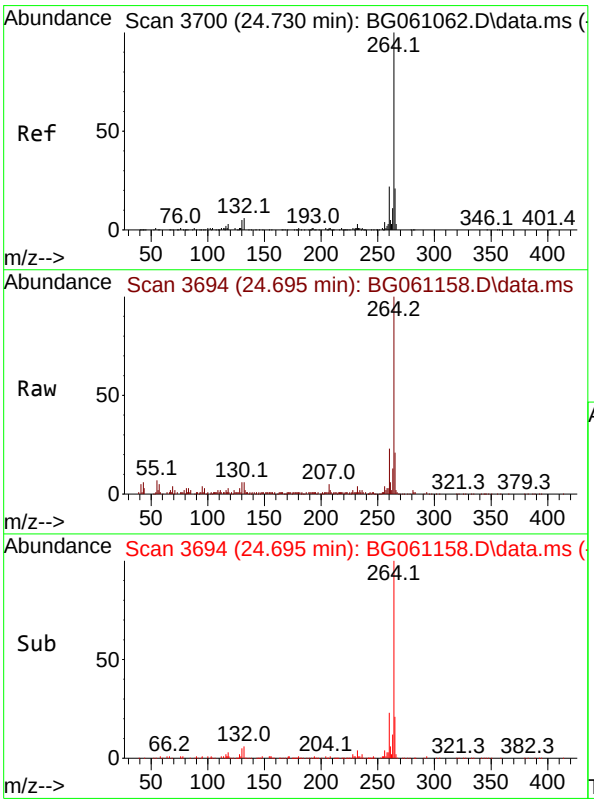
#79
Terphenyl-d14
Concen: 2.449 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:244 Resp: 24542

Ion	Ratio	Lower	Upper
244	100		
212	16.4	5.7	8.5#
122	18.9	4.2	6.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.695 min Scan# 3694
Delta R.T. -0.035 min
Lab File: BG061158.D
Acq: 9 May 2024 19:36

Tgt Ion:264 Resp: 199605

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.7	26.5
265	20.9	16.4	24.6