Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
Data File : BG061071.D
Acq On : 1 May 2024 11:06
Operator : MA/JU
Sample : PB160621BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Quant Time: May 01 12:38:15 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	7.956	152	17015	20.000	ng	# 0.00
21) Naphthalene-d8	10.753	136	65232	20.000	ng	# 0.00
39) Acenaphthene-d10	14.584	164	59974	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	174465	20.000	ng	0.00
76) Chrysene-d12	21.581	240	213390	20.000	ng	-0.01
86) Perylene-d12	24.713	264	238983	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	132092	157.884	ng	0.00
7) Phenol-d6	7.134	99	179041	144.662	ng	0.00
23) Nitrobenzene-d5	9.114	82	122675	93.225	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	177080	147.717	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	369889	91.200	ng	0.00
79) Terphenyl-d14	19.948	244	1219937	95.081	ng	0.00
Target Compounds						Qvalue

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

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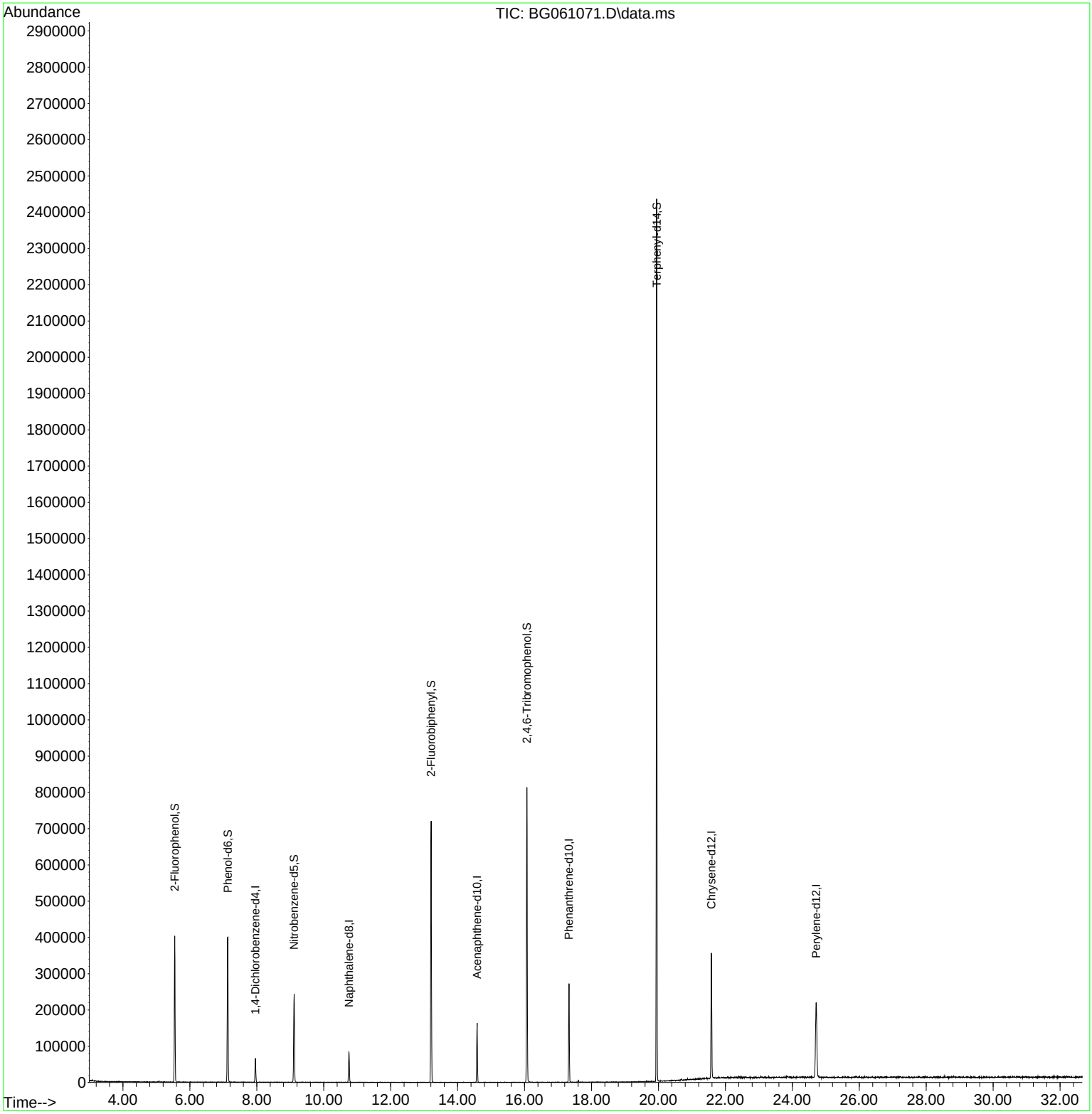
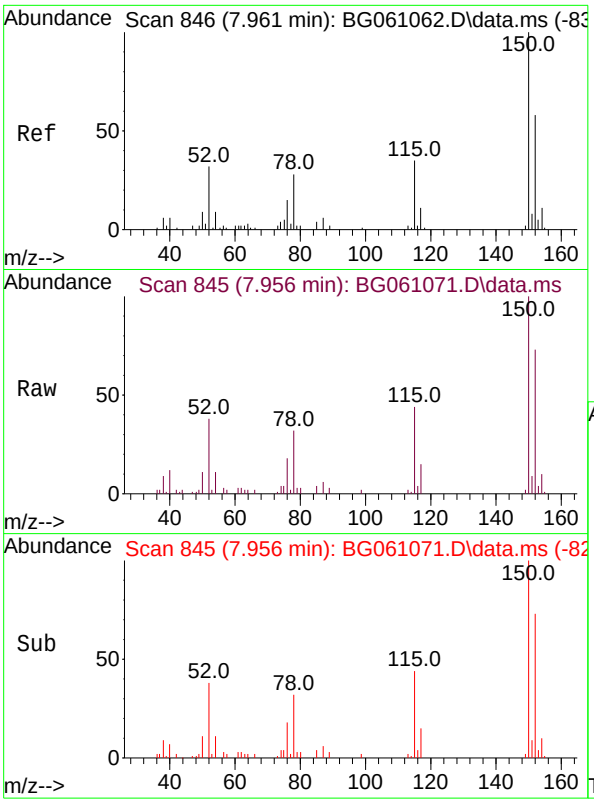


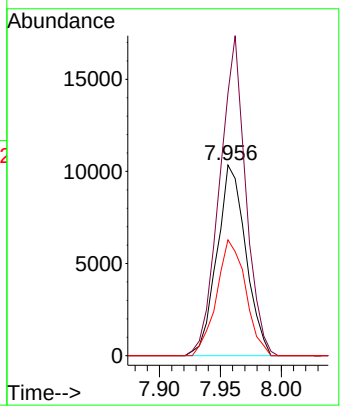


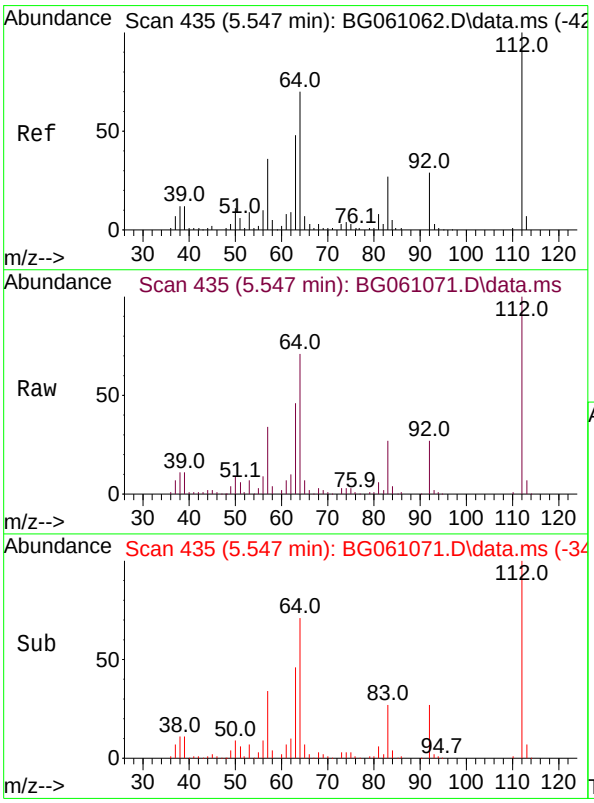
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion:152 Resp: 17015

Ion	Ratio	Lower	Upper
152	100		
150	137.7	138.3	207.5#
115	60.8	48.0	72.0

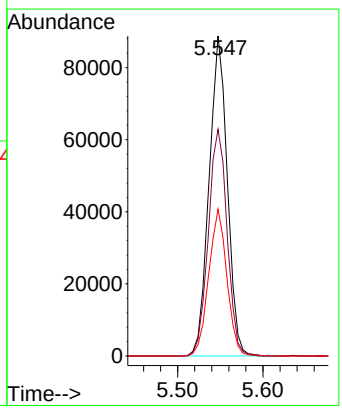


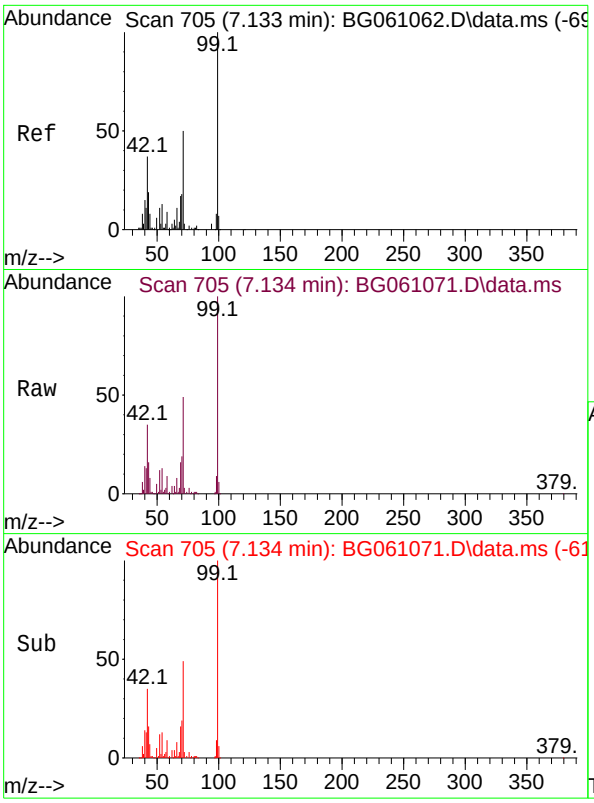


#5
2-Fluorophenol
Concen: 157.884 ng
RT: 5.547 min Scan# 435
Delta R.T. 0.001 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:112 Resp: 132092

Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.7	83.5
63	45.9	38.1	57.1



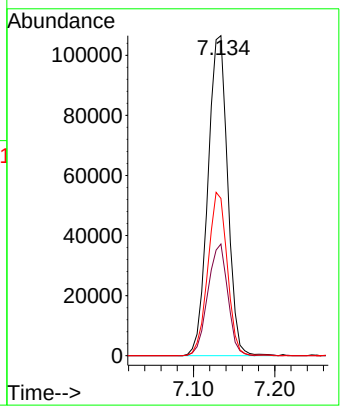


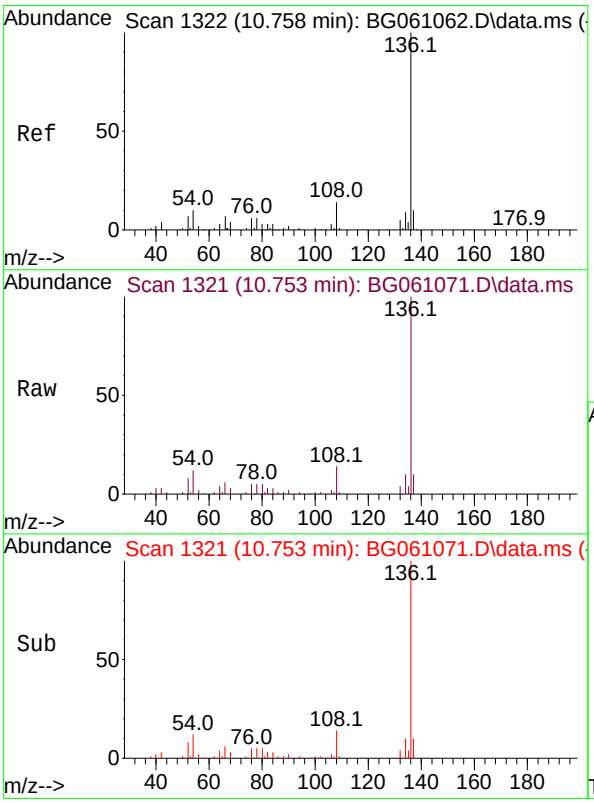
#7
Phenol-d6
Concen: 144.662 ng
RT: 7.134 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion: 99 Resp: 179041

Ion	Ratio	Lower	Upper
99	100		
42	34.9	29.2	43.8
71	49.2	39.7	59.5

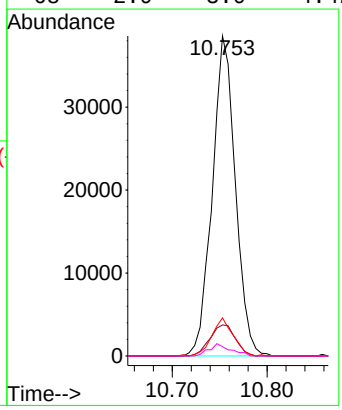


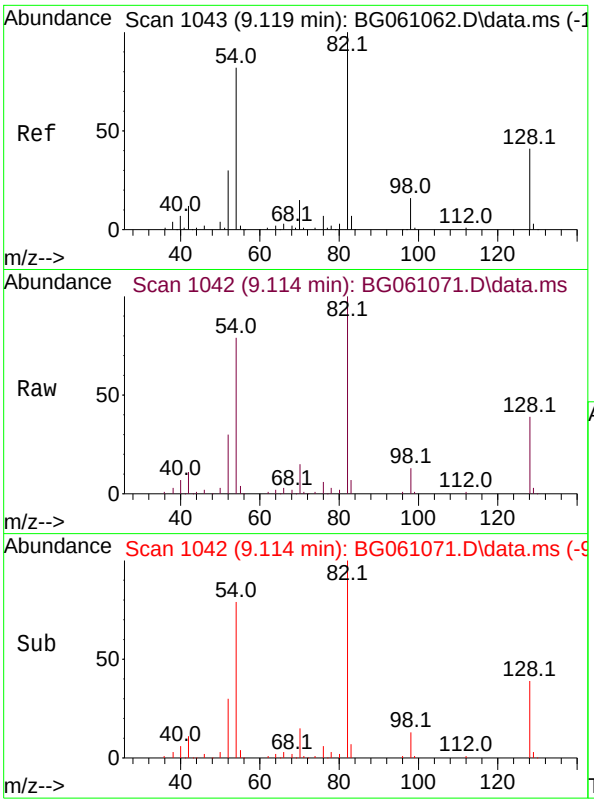


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.753 min Scan# 1321
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:136 Resp: 65232

Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.8	11.6
54	11.9	8.1	12.1
68	2.9	3.0	4.4#



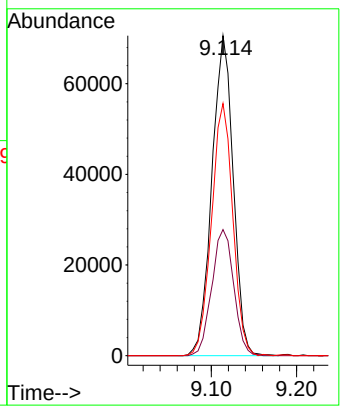


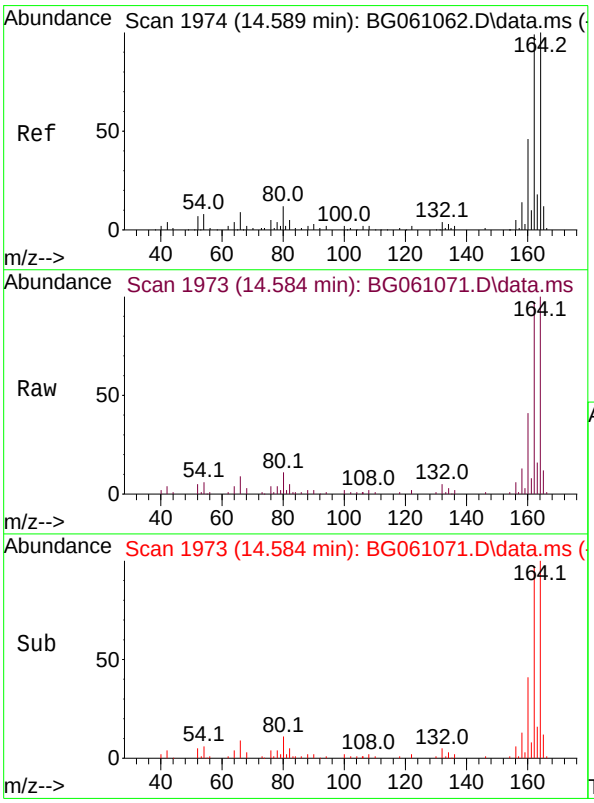
#23
Nitrobenzene-d5
Concen: 93.225 ng
RT: 9.114 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion: 82 Resp: 122675

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.7	49.1
54	78.8	65.6	98.4

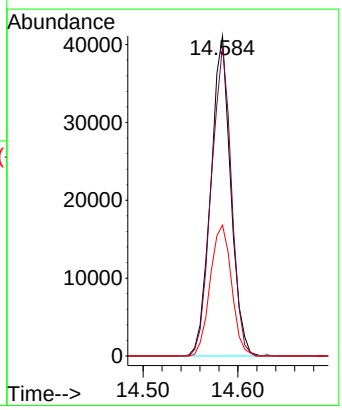


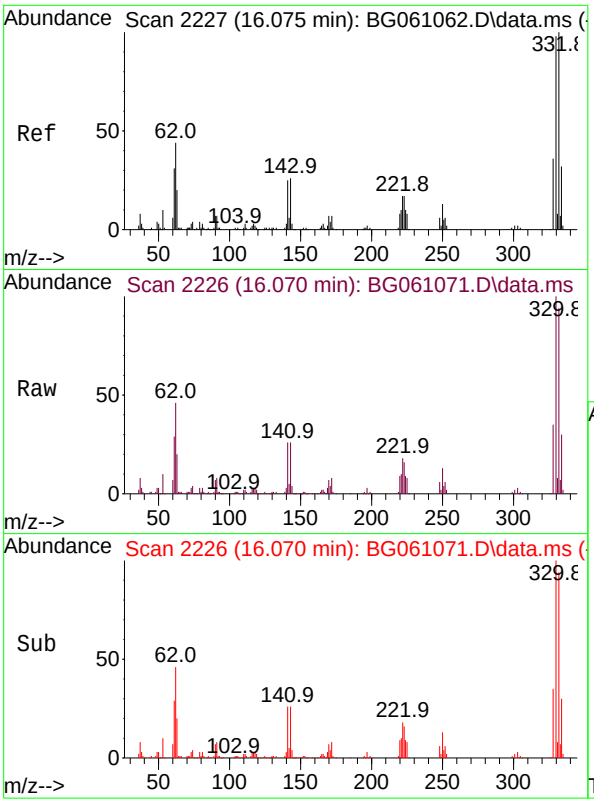


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.584 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:164 Resp: 59974

Ion	Ratio	Lower	Upper
164	100		
162	96.8	79.4	119.2
160	40.9	37.0	55.6



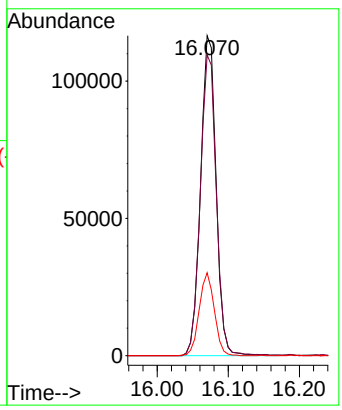


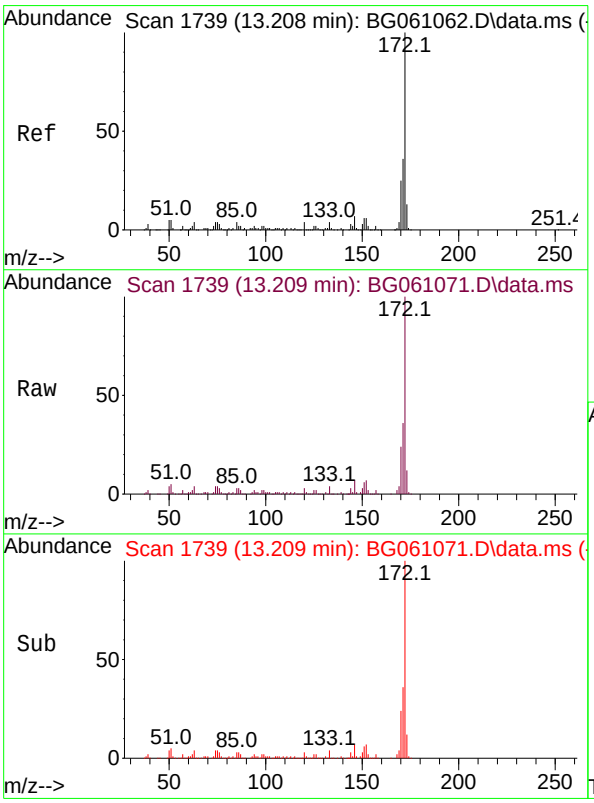
#42
2,4,6-Tribromophenol
Concen: 147.717 ng
RT: 16.070 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion:330 Resp: 177080

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	25.2	20.5	30.7

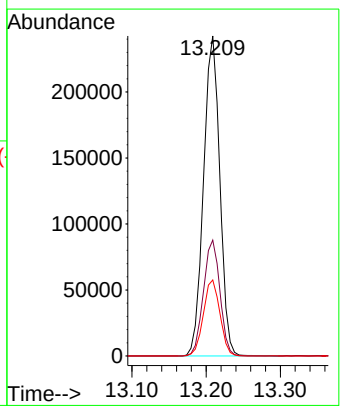


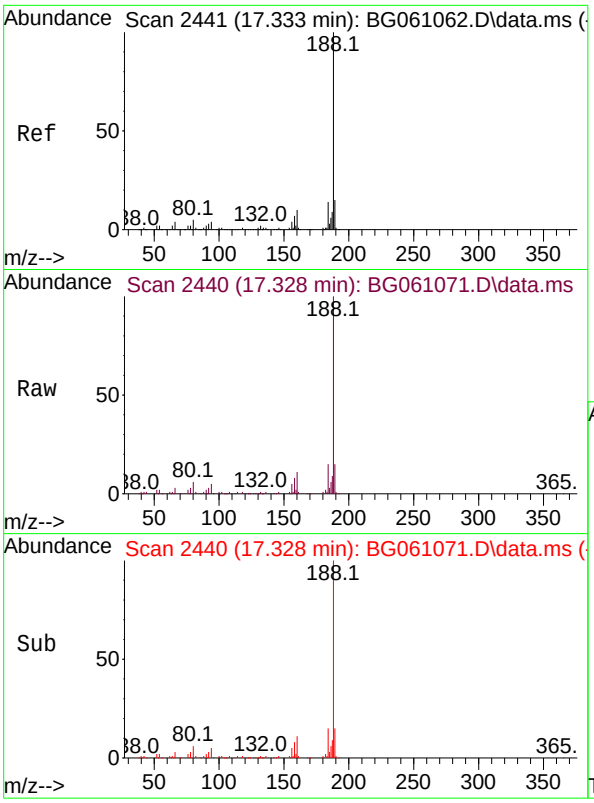


#45
2-Fluorobiphenyl
Concen: 91.200 ng
RT: 13.209 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:172 Resp: 369889

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.7	20.2	30.4



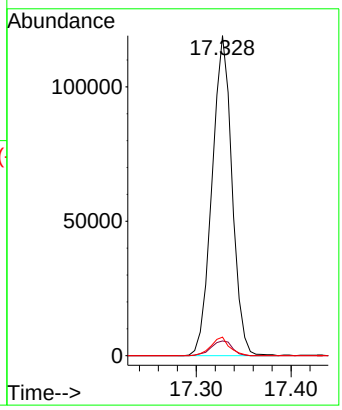


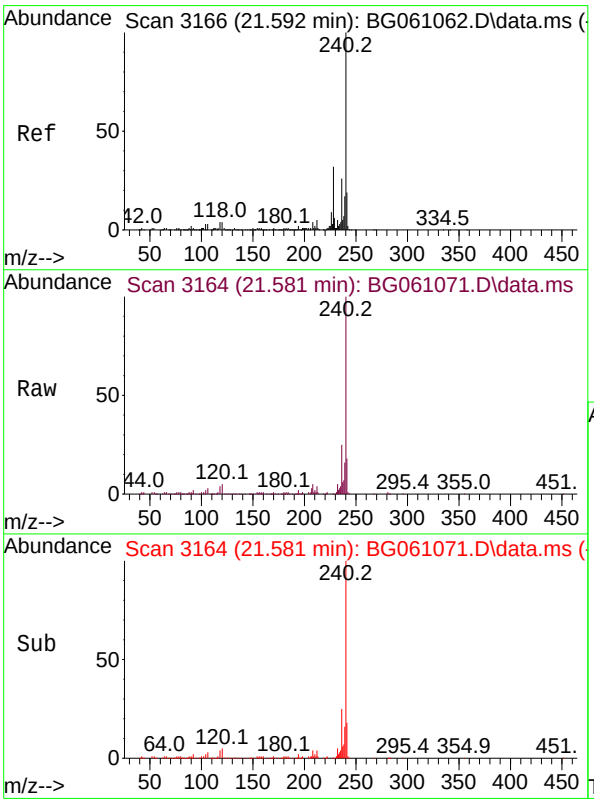
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion:188 Resp: 174465

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.6	5.4
80	5.8	4.2	6.2

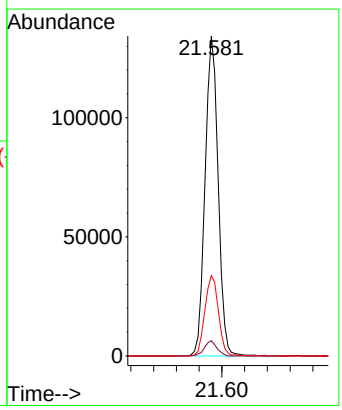


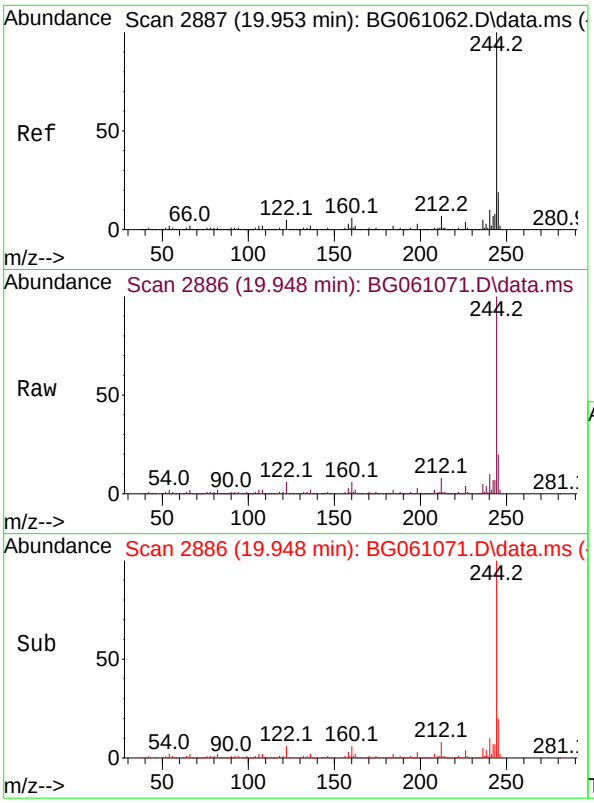


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3164
Delta R.T. -0.011 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:240 Resp: 213390

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.2	4.8
236	25.1	21.0	31.6



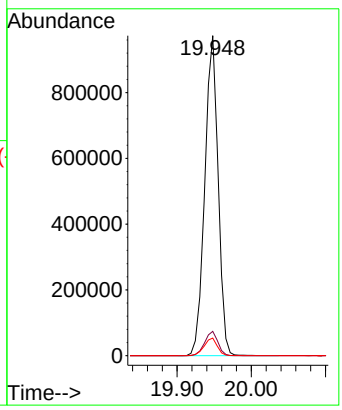


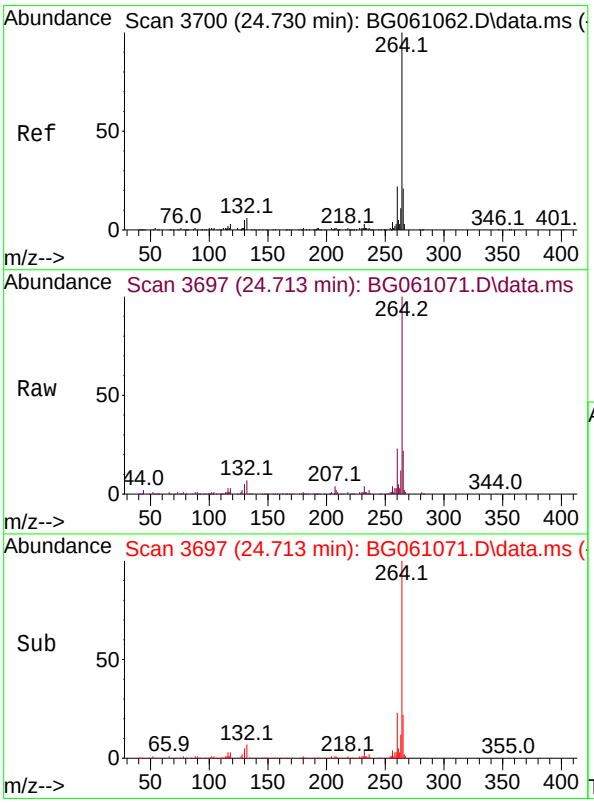
#79
Terphenyl-d14
Concen: 95.081 ng
RT: 19.948 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB160621BL

Tgt Ion:244 Resp: 1219937

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	5.5	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.713 min Scan# 3697
Delta R.T. -0.017 min
Lab File: BG061071.D
Acq: 1 May 2024 11:06

Tgt Ion:264 Resp: 238983

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.7	26.5
265	21.7	16.4	24.6