Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059981.D
Acq On : 7 Dec 2023 11:17
Operator : MA/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 08 01:40:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 01:39:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	116907	20.000	ng	# 0.00
21) Naphthalene-d8	10.761	136	427259	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	427708	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	1495052	20.000	ng	0.00
76) Chrysene-d12	21.613	240	2108370	20.000	ng	# 0.00
86) Perylene-d12	24.810	264	2466056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.758	70	16671	2.784	ng	# 89

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

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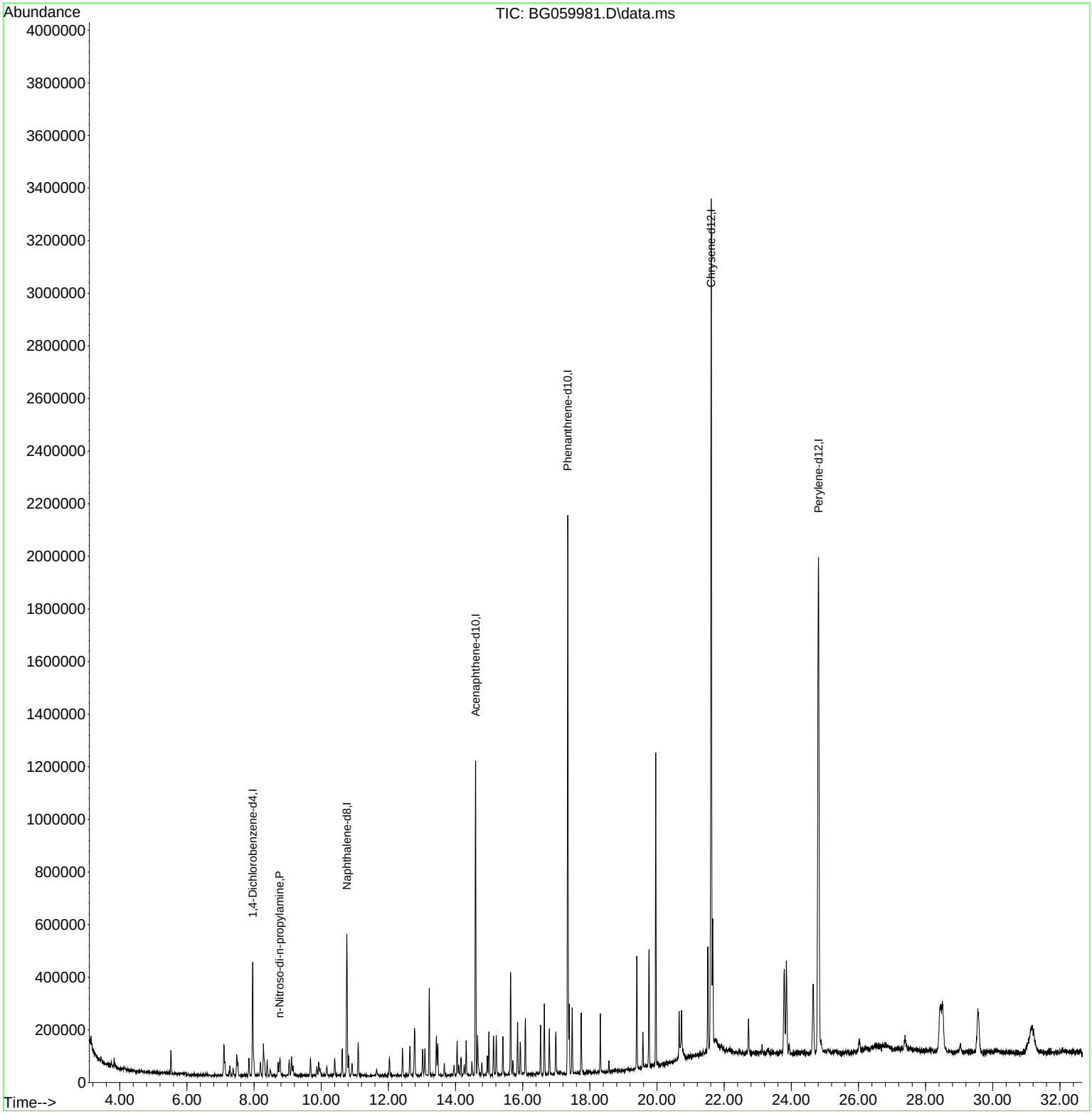
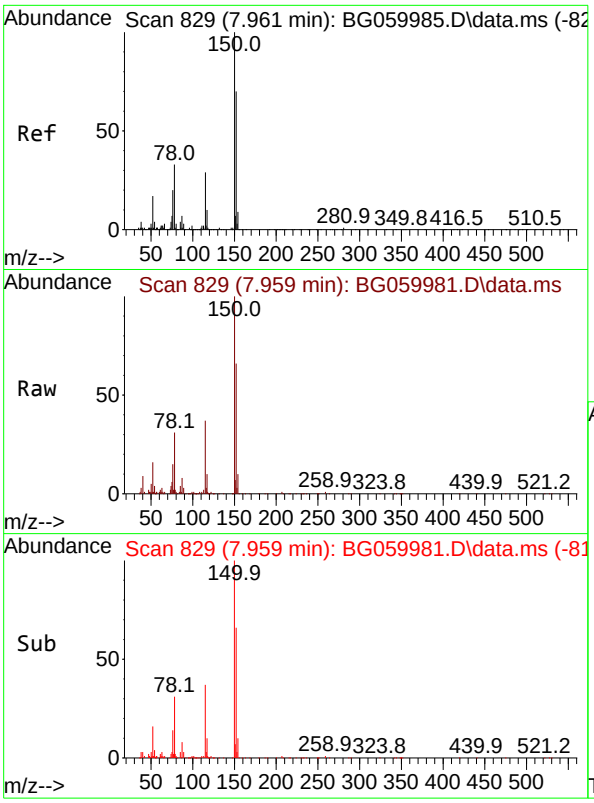


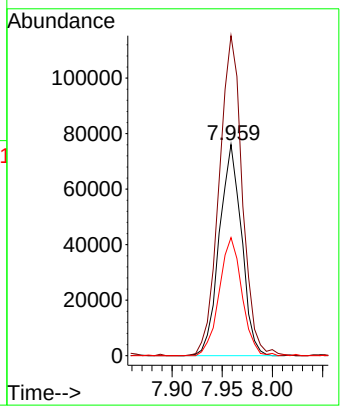


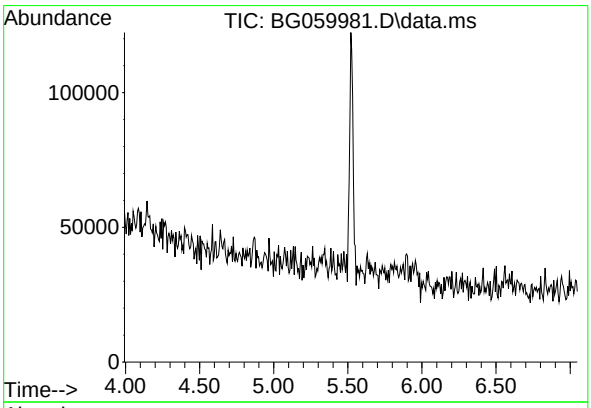
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 116907

Ion	Ratio	Lower	Upper
152	100		
150	151.5	115.0	172.6
115	55.9	33.9	50.9#



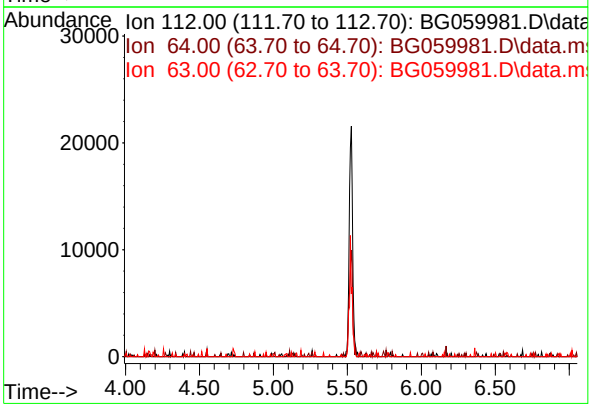


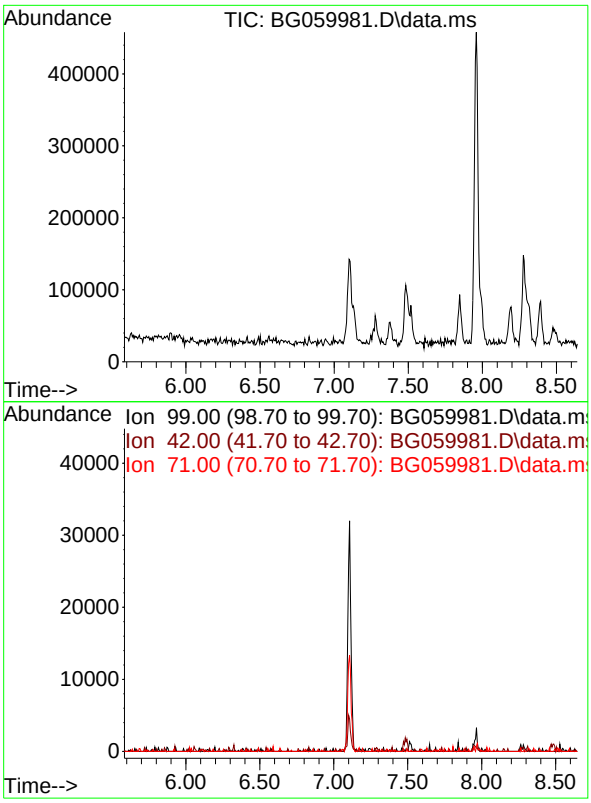
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.52 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	53.0
63	37.0





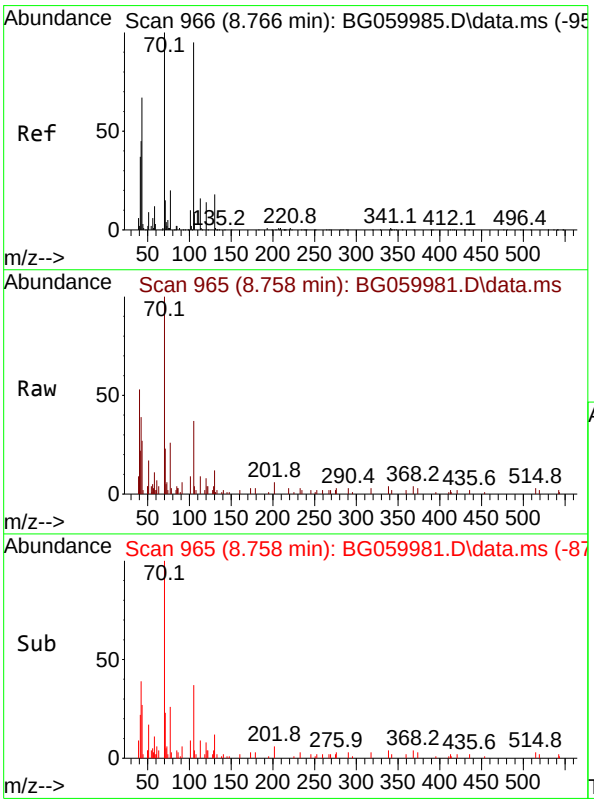
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.11 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

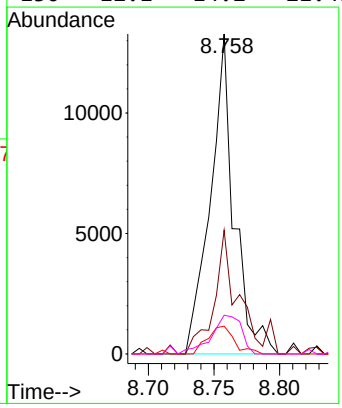
Sig	Exp Ratio
99	100
42	16.7
71	52.4

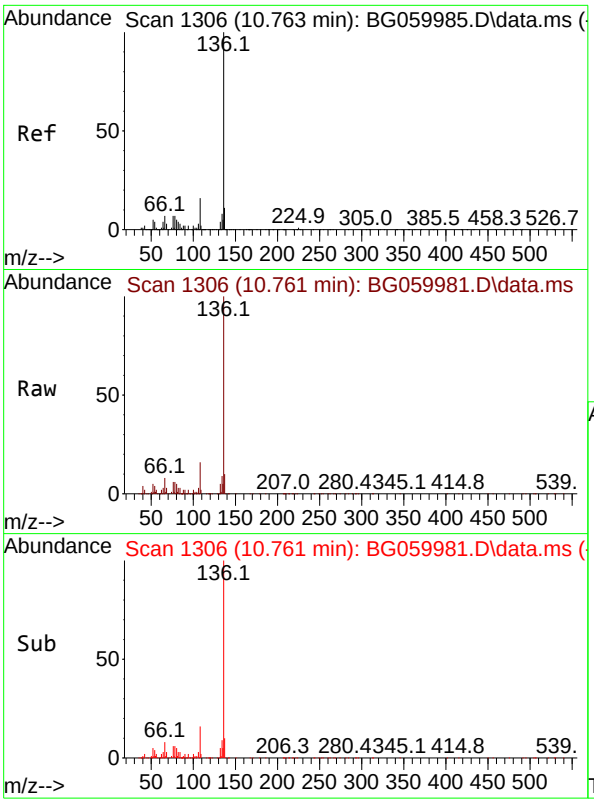


#19
n-Nitroso-di-n-propylamine
Concen: 2.784 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.008 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion: 70 Resp: 16671

Ion	Ratio	Lower	Upper
70	100		
42	38.7	36.9	55.3
101	8.7	8.0	12.0
130	12.1	14.2	21.4#



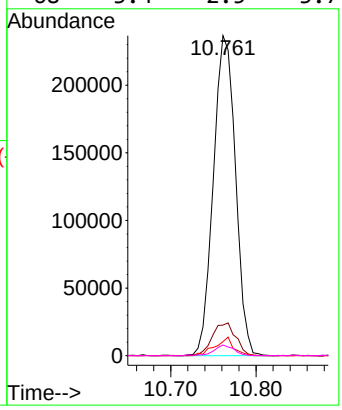


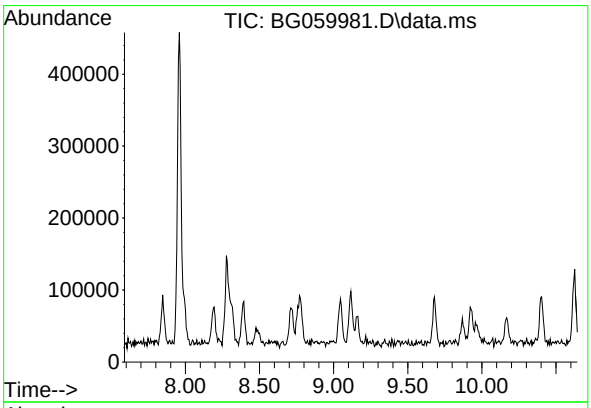
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 427259

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.6	13.0
54	4.4	3.2	4.8
68	3.4	2.5	3.7



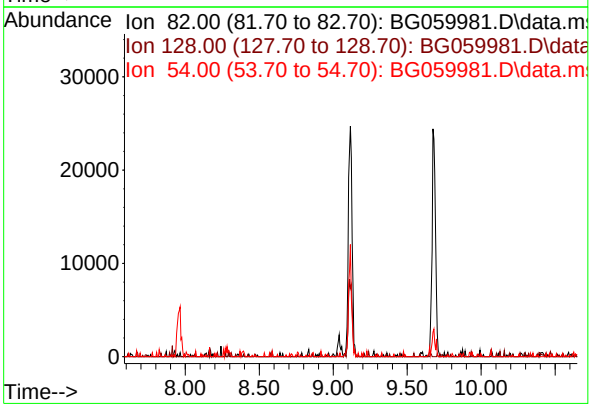


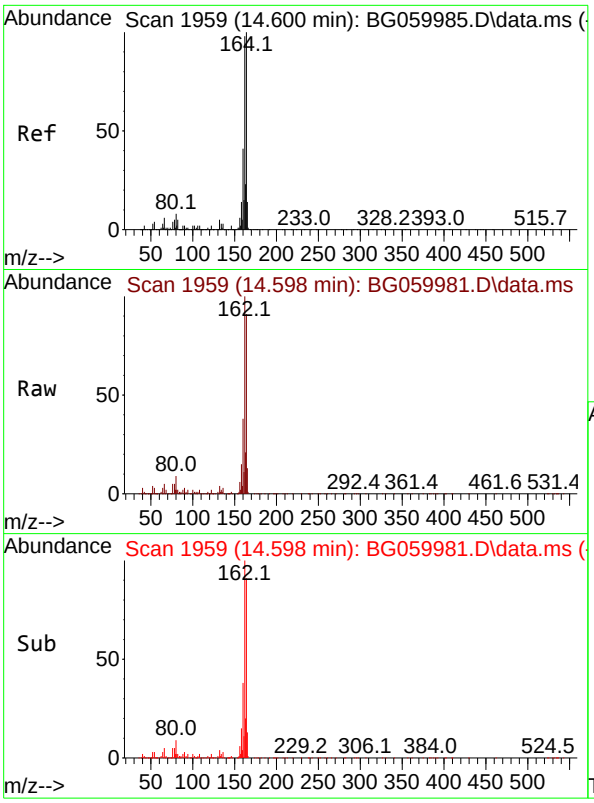
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.12 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	35.3
54	48.8



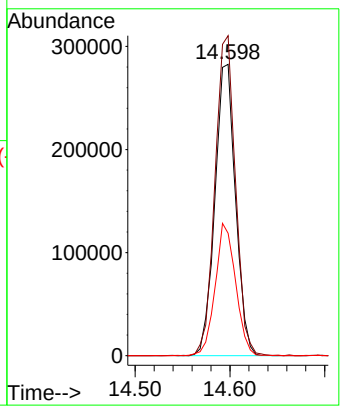


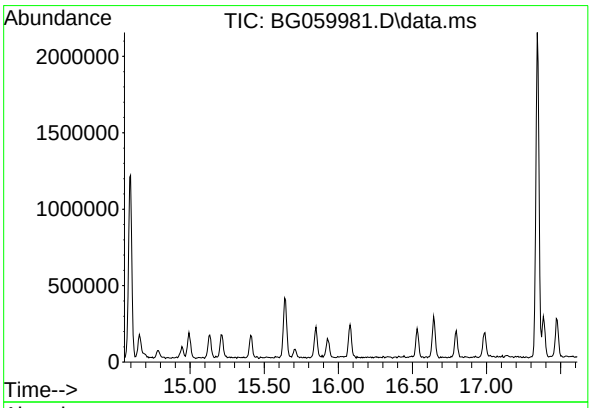
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 427708

Ion	Ratio	Lower	Upper
164	100		
162	109.8	78.1	117.1
160	42.0	32.9	49.3



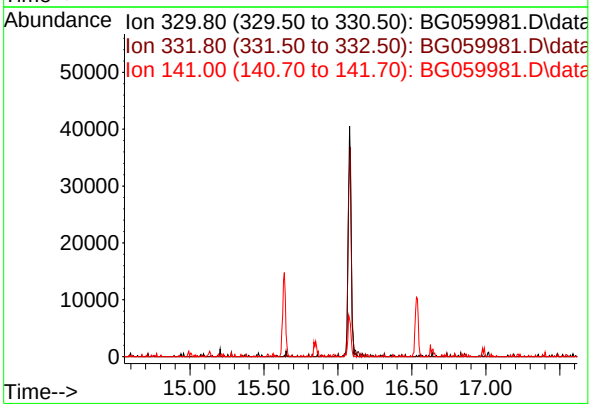


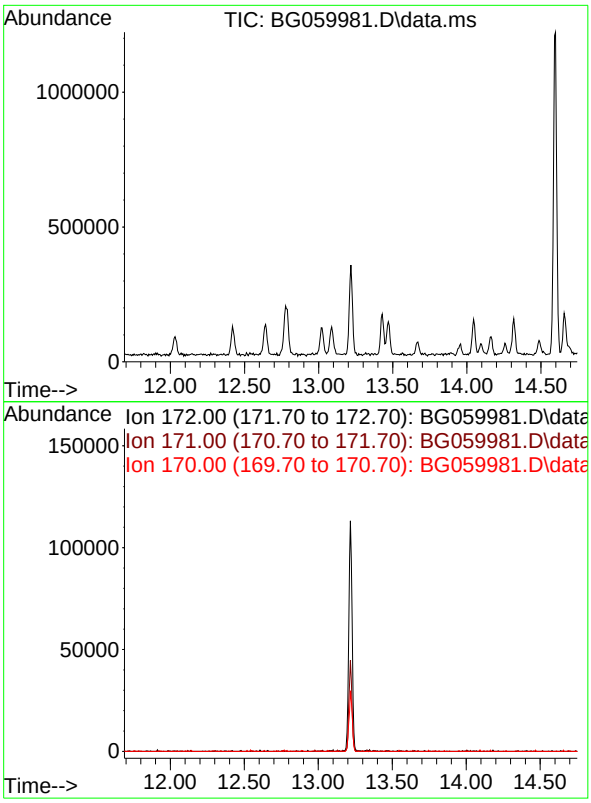
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.09 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.8
141	16.5





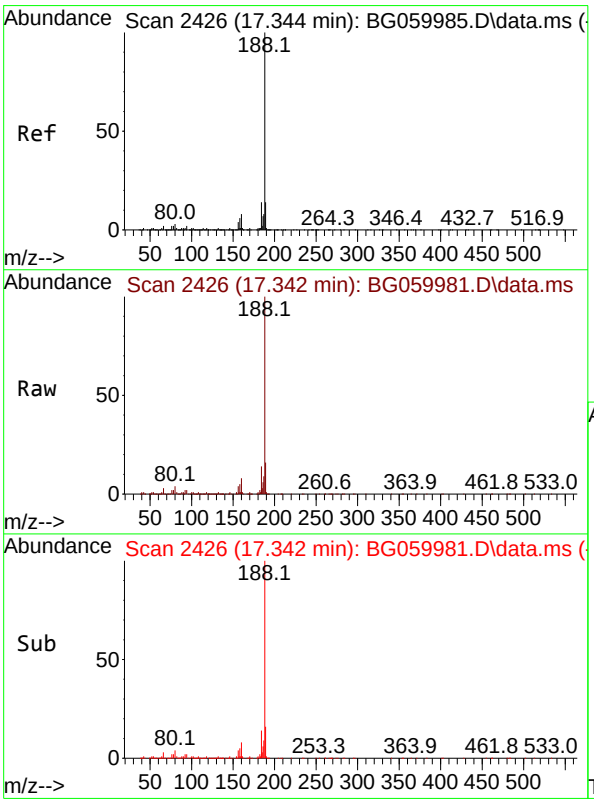
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.22 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

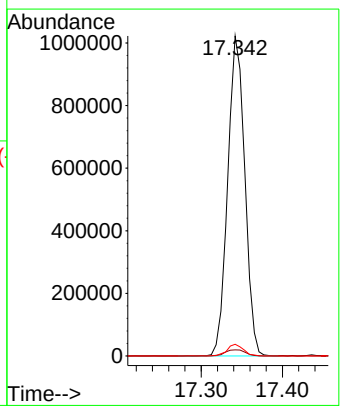
Sig	Exp Ratio
172	100
171	37.4
170	24.8

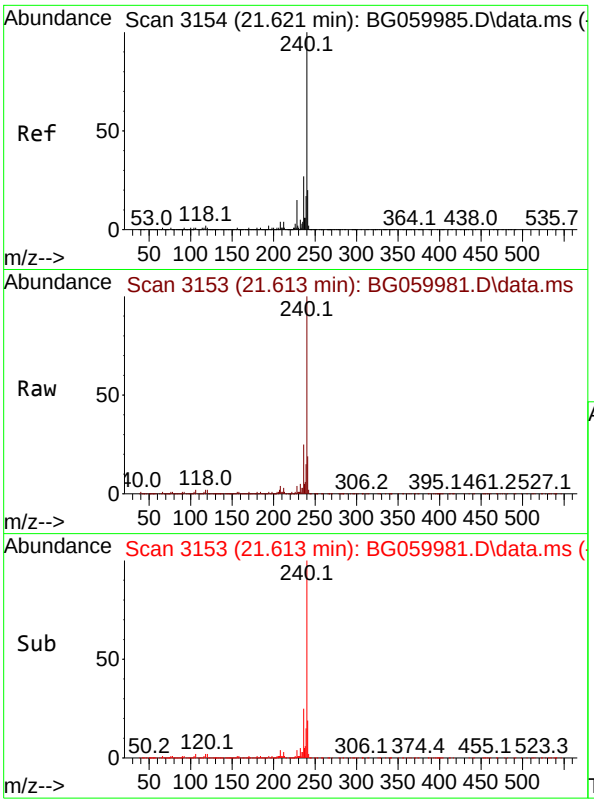


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion:188 Resp: 1495052

Ion	Ratio	Lower	Upper
188	100		
94	1.9	1.8	2.8
80	3.6	2.6	3.8



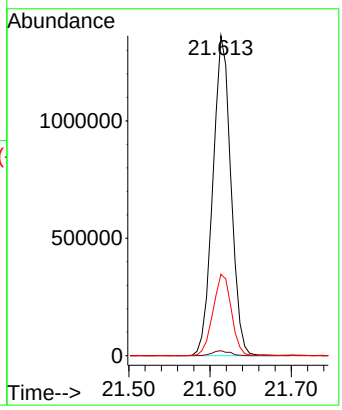


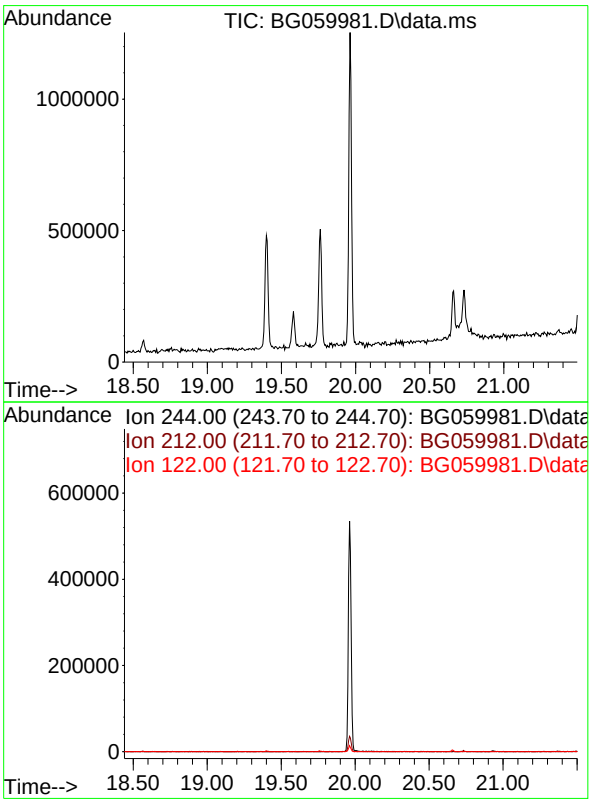
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2108370

Ion	Ratio	Lower	Upper
240	100		
120	1.9	0.9	1.3#
236	25.4	21.4	32.2



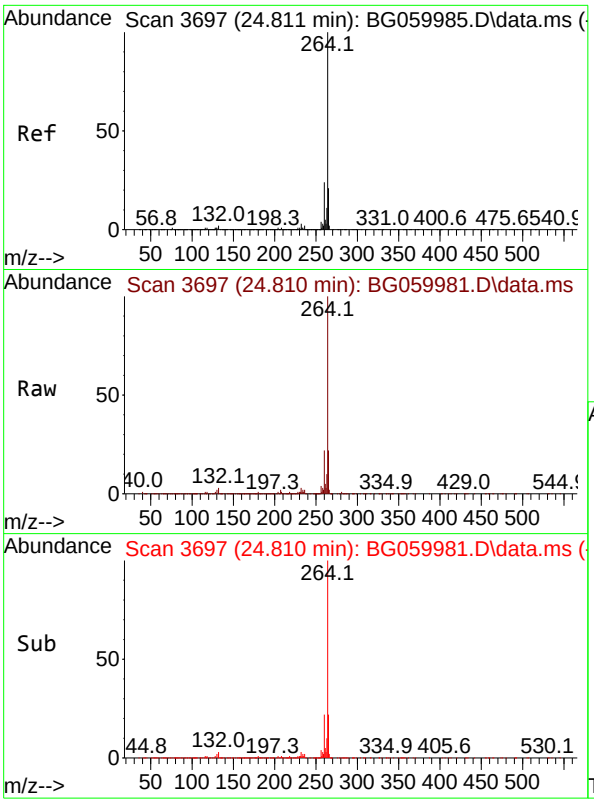


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.97 min

Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	14.9
122	4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG059981.D
Acq: 7 Dec 2023 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2466056

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	21.9	16.8	25.2