Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049882.D
Acq On : 17 Aug 2021 17:49
Operator : CG/JU
Sample : M3431-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7

Quant Time: Aug 18 05:43:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.026	152	35715	20.000	ng		0.00
21) Naphthalene-d8	10.845	136	142065	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	94464	20.000	ng		0.00
64) Phenanthrene-d10	17.431	188	181186	20.000	ng		0.00
76) Chrysene-d12	21.713	240	155533	20.000	ng	#	0.00
86) Perylene-d12	24.991	264	162583	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.588	112	200658	100.714	ng		0.00
7) Phenol-d6	7.197	99	274490	91.014	ng		0.00
23) Nitrobenzene-d5	9.201	82	194341	60.534	ng		0.00
42) 2,4,6-Tribromophenol	16.174	330	128087	92.249	ng		0.00
45) 2-Fluorobiphenyl	13.295	172	394836	60.819	ng		0.00
79) Terphenyl-d14	20.039	244	471077	55.009	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.487	202	41288	3.520	ng		96
78) Pyrene	19.851	202	36678	3.459	ng		95
81) Benzo(a)anthracene	21.695	228	22898	2.261	ng		95
83) Chrysene	21.760	228	30111	3.110	ng		98
88) Benzo(b)fluoranthene	23.945	252	49282	4.622	ng	#	98
90) Benzo(a)pyrene	24.832	252	25900	2.684	ng	#	86

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

Quantitation Report (LSC Reviewed)

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Data File : BG049882.D
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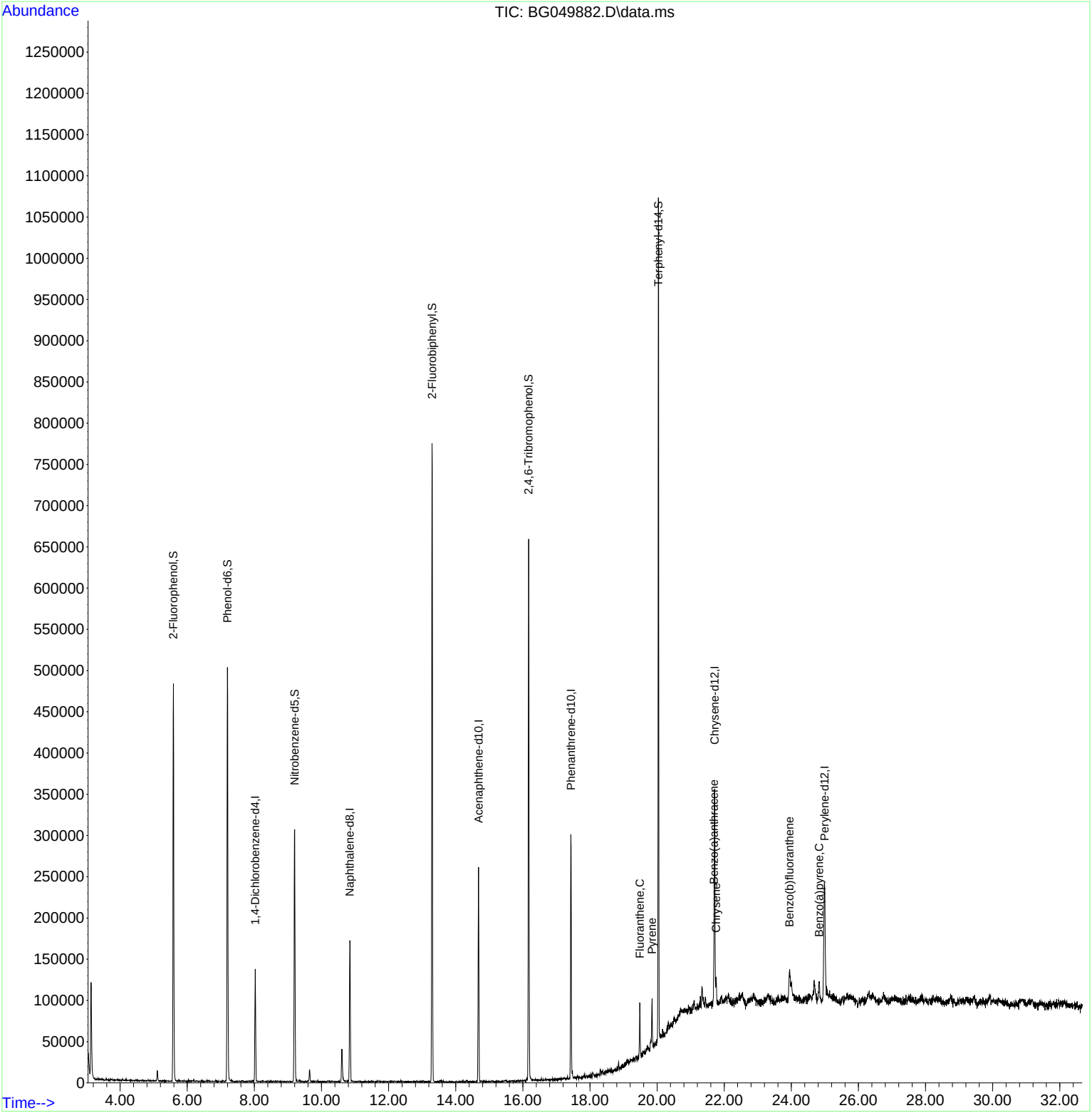
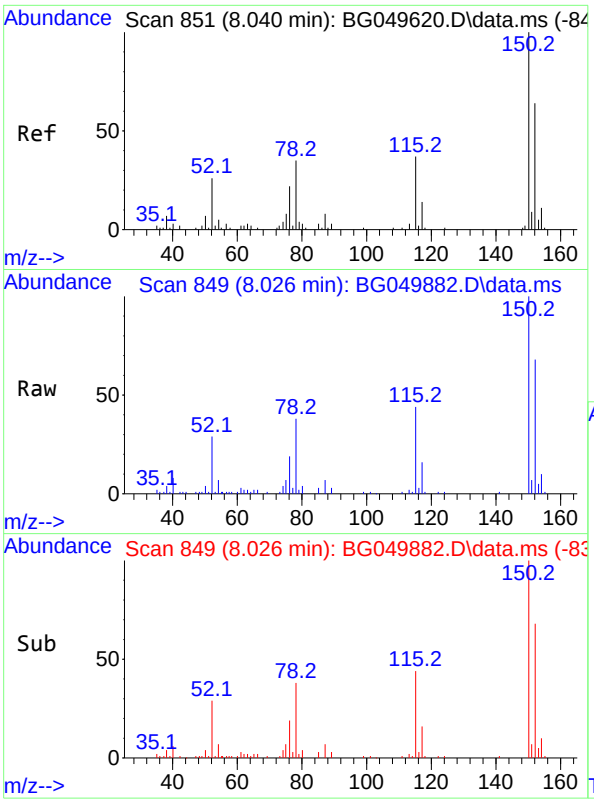
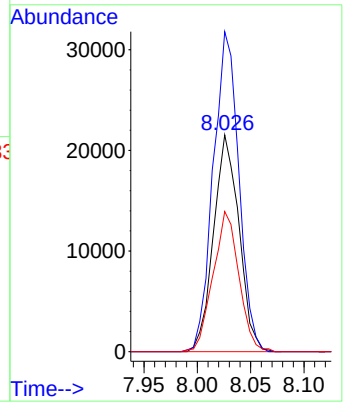




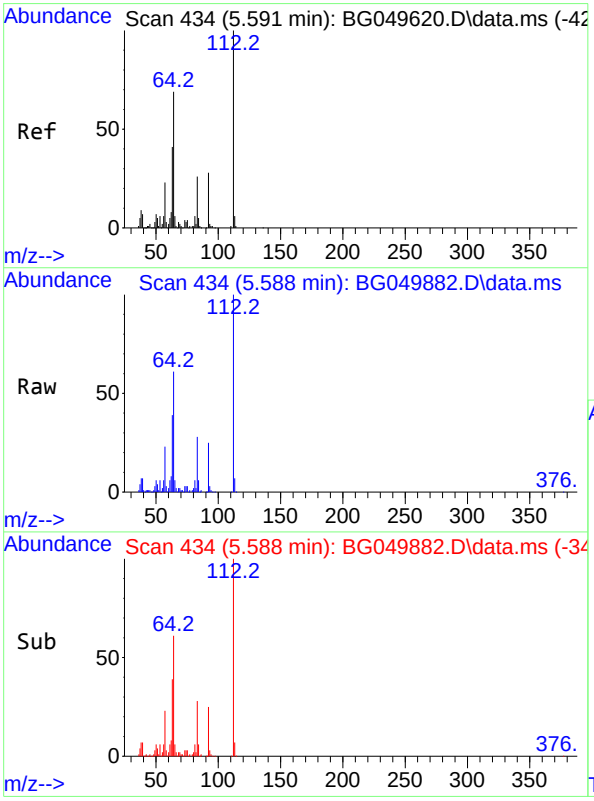
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:152 Resp: 35715

Ion	Ratio	Lower	Upper
152	100		
150	147.6	119.4	179.0
115	64.6	60.2	90.4



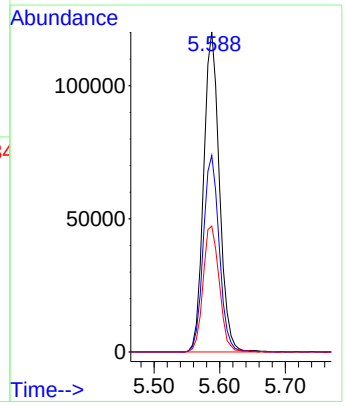
Instrument :
BNA_G
ClientSampleId :
7

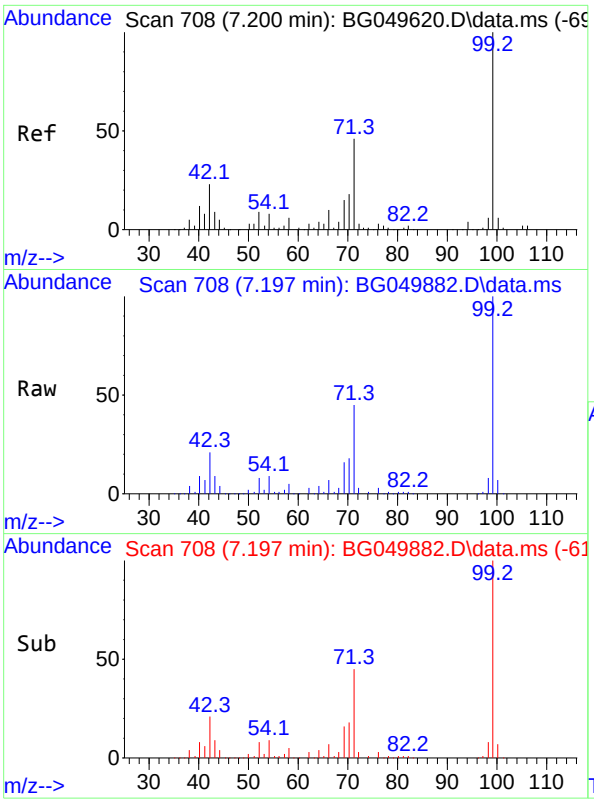


#5
2-Fluorophenol
Concen: 100.714 ng
RT: 5.588 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:112 Resp: 200658

Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.7	70.1
63	39.3	35.3	52.9

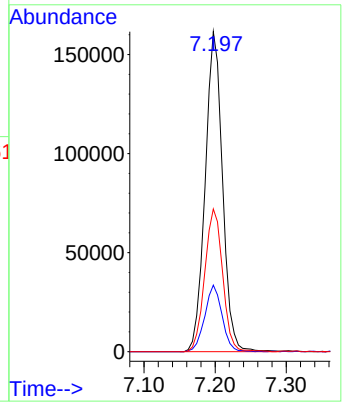




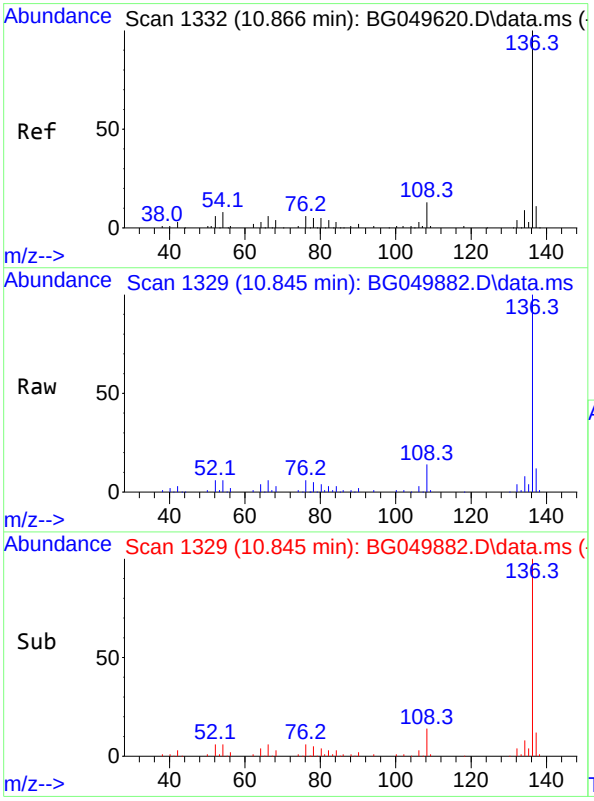
#7
Phenol-d6
Concen: 91.014 ng
RT: 7.197 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion: 99 Resp: 274490

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.5	30.7
71	44.6	41.5	62.3



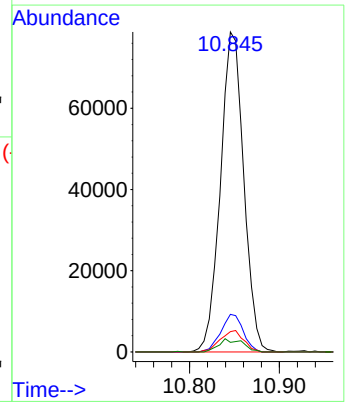
Instrument :
BNA_G
ClientSampleId :
7

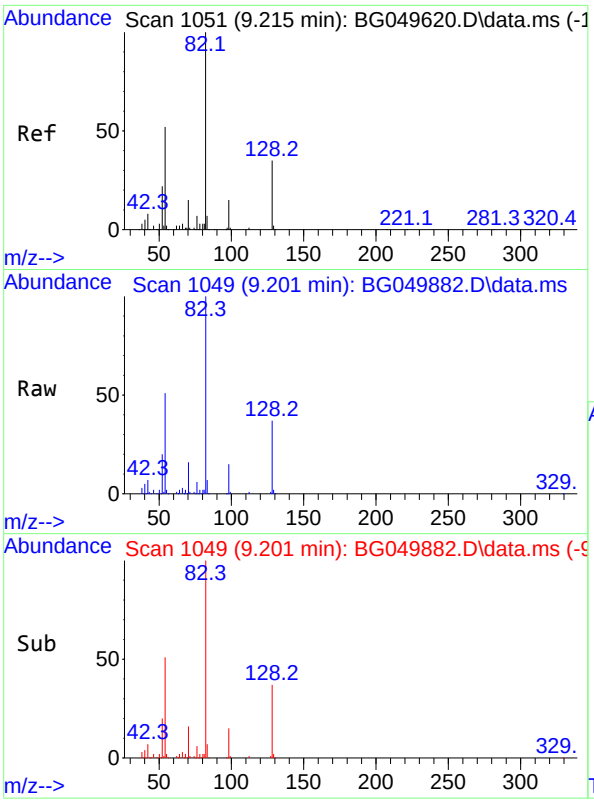


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:136 Resp: 142065

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	6.3	5.5	8.3
68	3.0	2.3	3.5

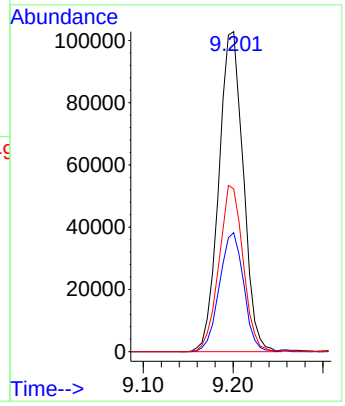




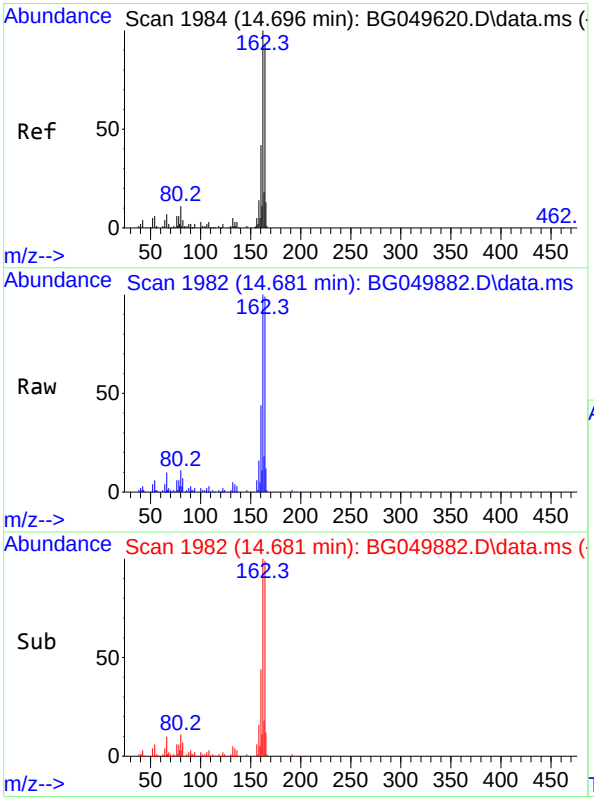
#23
Nitrobenzene-d5
Concen: 60.534 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion: 82 Resp: 194341

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.8	44.6
54	50.9	45.8	68.8



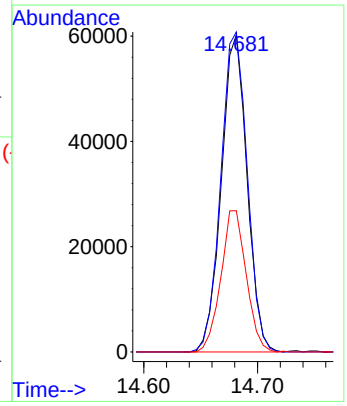
Instrument :
BNA_G
ClientSampleId :
7



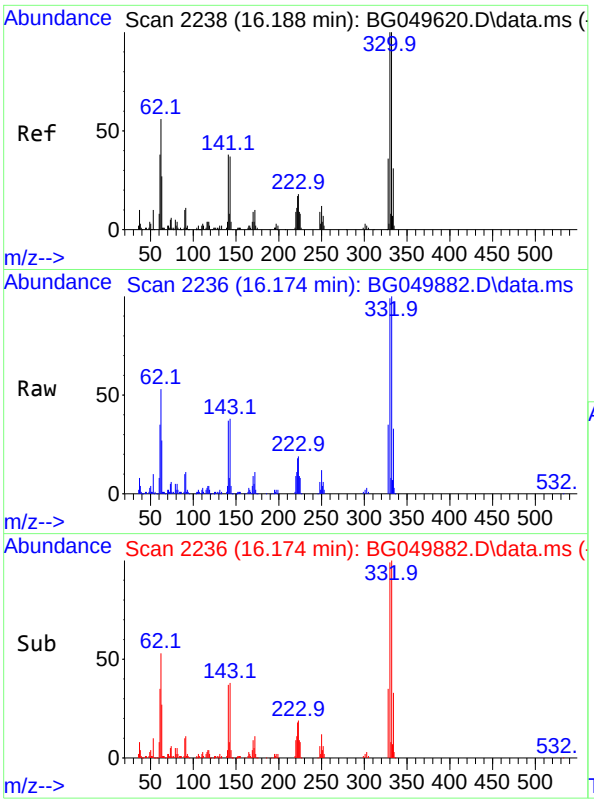
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:164 Resp: 94464

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.5	34.9	52.3



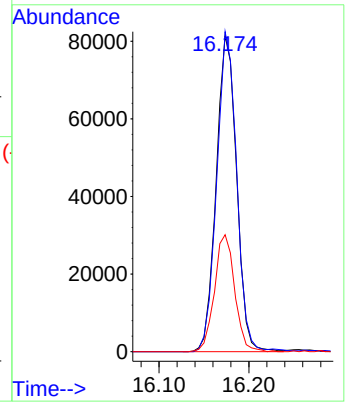
Instrument :
BNA_G
ClientSampleId :
7

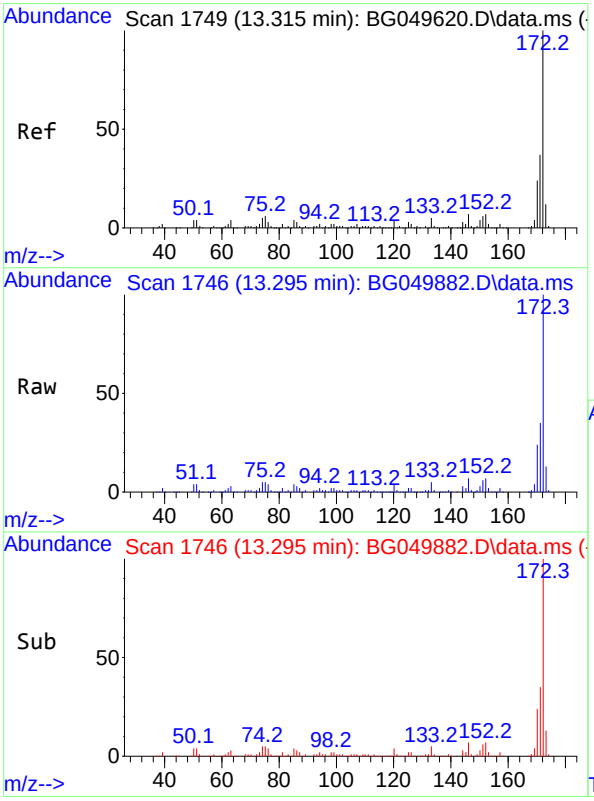


#42
2,4,6-Tribromophenol
Concen: 92.249 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:330 Resp: 128087

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	36.8	35.6	53.4

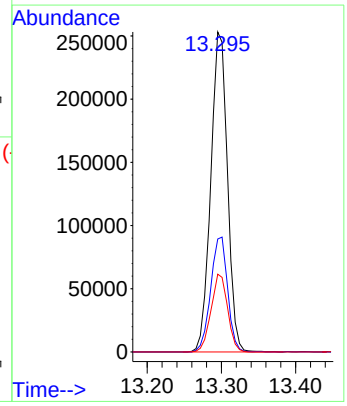




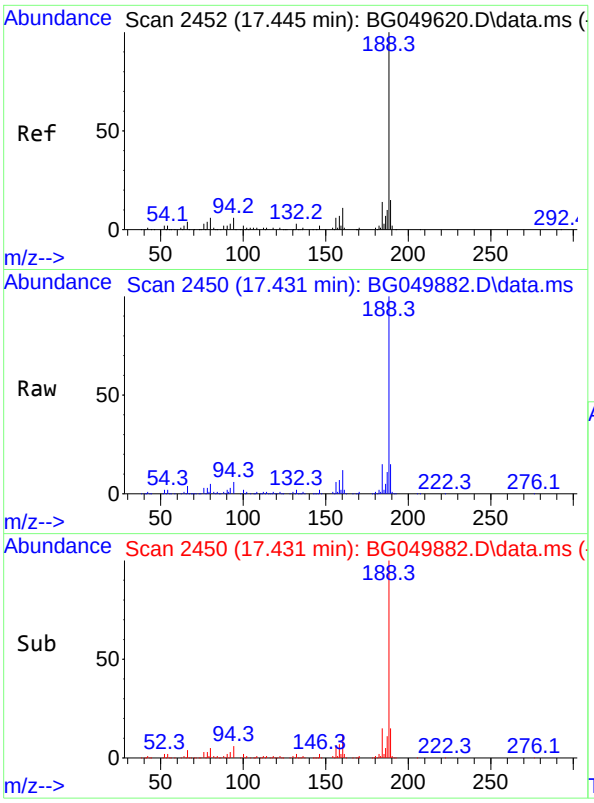
#45
2-Fluorobiphenyl
Concen: 60.819 ng
RT: 13.295 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:172 Resp: 394836

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	24.3	18.6	27.8



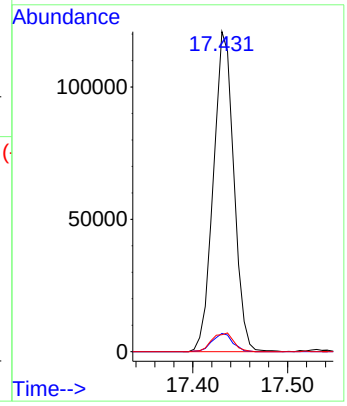
Instrument :
BNA_G
ClientSampleId :
7

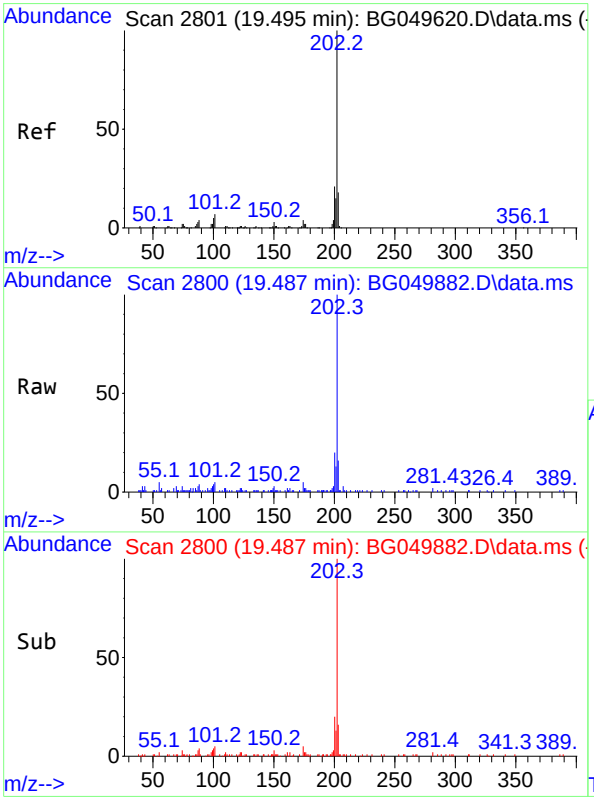


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:188 Resp: 181186

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.4	8.0
80	5.3	3.7	5.5

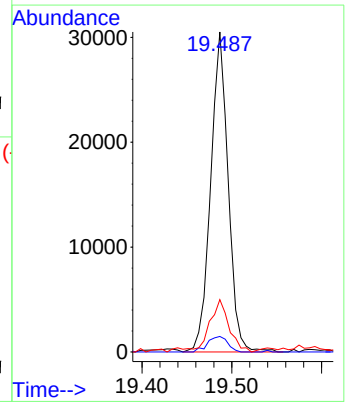




#75
Fluoranthene
Concen: 3.520 ng
RT: 19.487 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:202 Resp: 41288

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	24.7
203	16.4	0.0	38.5



Instrument :
BNA_G
ClientSampleId :
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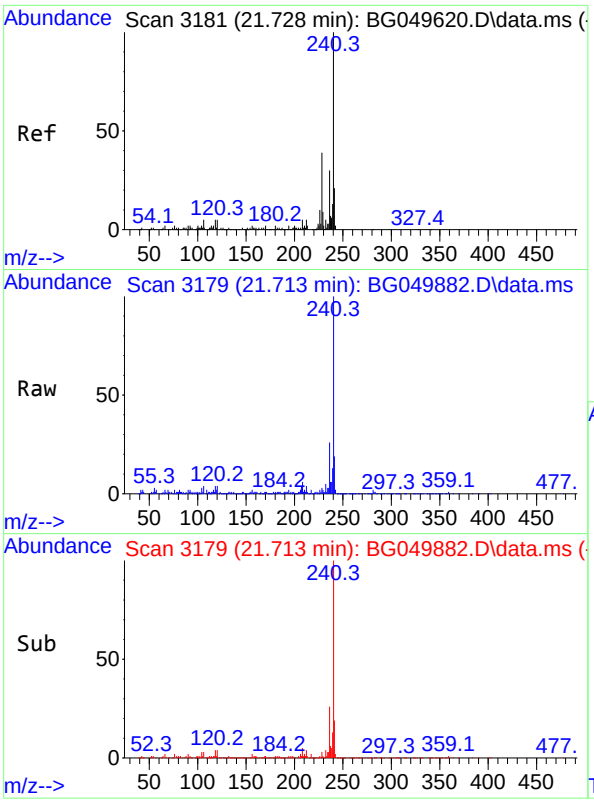
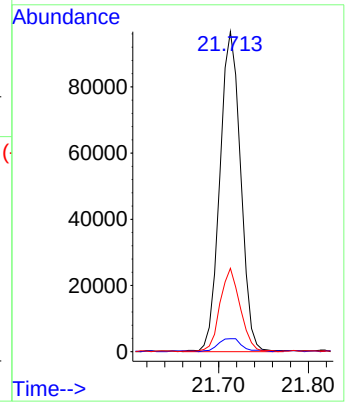
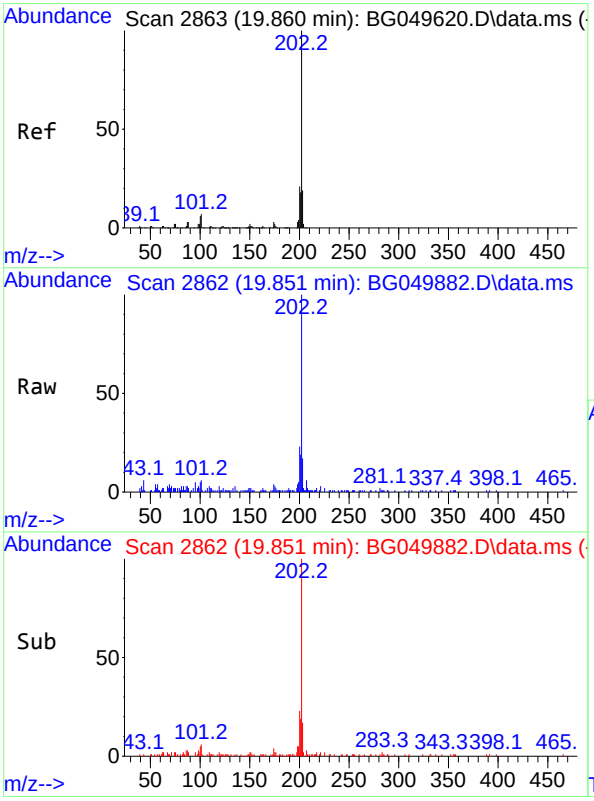


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:240 Resp: 155533

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.2	6.2#
236	26.1	21.8	32.6

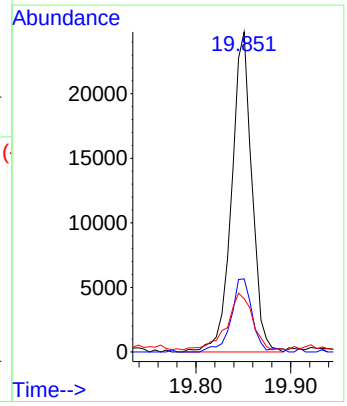


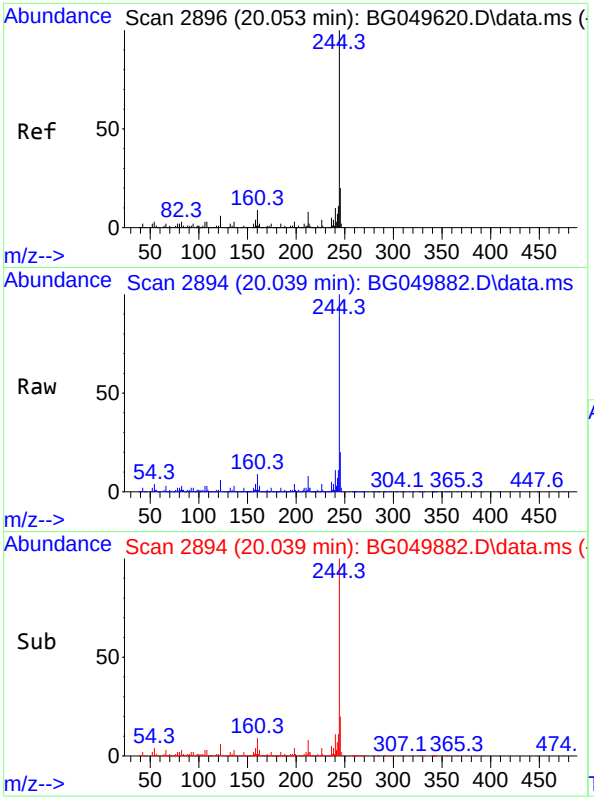


#78
Pyrene
Concen: 3.459 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:202 Resp: 36678

Ion	Ratio	Lower	Upper
202	100		
200	22.8	15.8	23.8
203	16.7	14.6	21.8

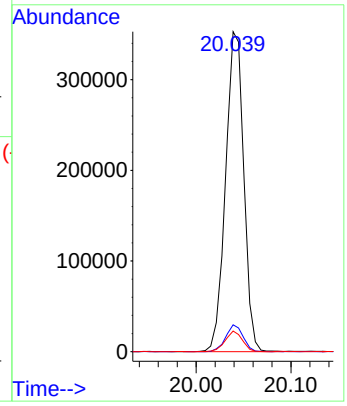




#79
Terphenyl-d14
Concen: 55.009 ng
RT: 20.039 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:244 Resp: 471077

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	6.5	5.0	7.6



Instrument :
BNA_G
ClientSampleId :
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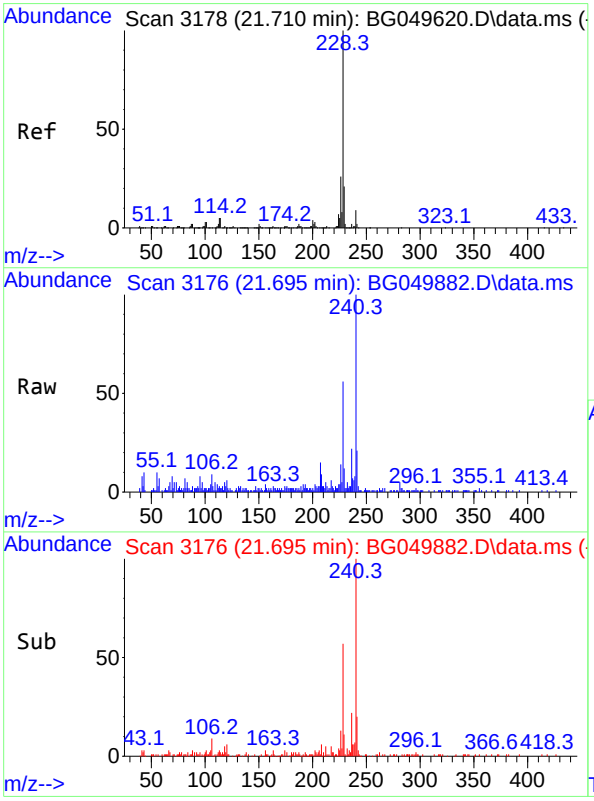
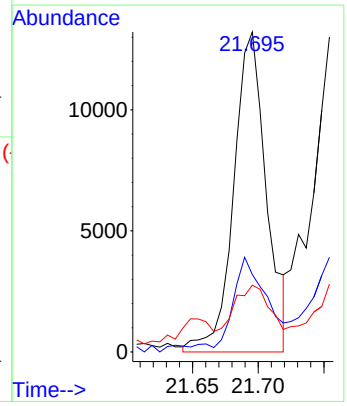


#81
Benzo(a)anthracene
Concen: 2.261 ng
RT: 21.695 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:228 Resp: 22898

Ion	Ratio	Lower	Upper
228	100		
226	24.2	22.7	34.1
229	20.9	16.0	24.0



Instrument :
BNA_G
ClientSampleId :
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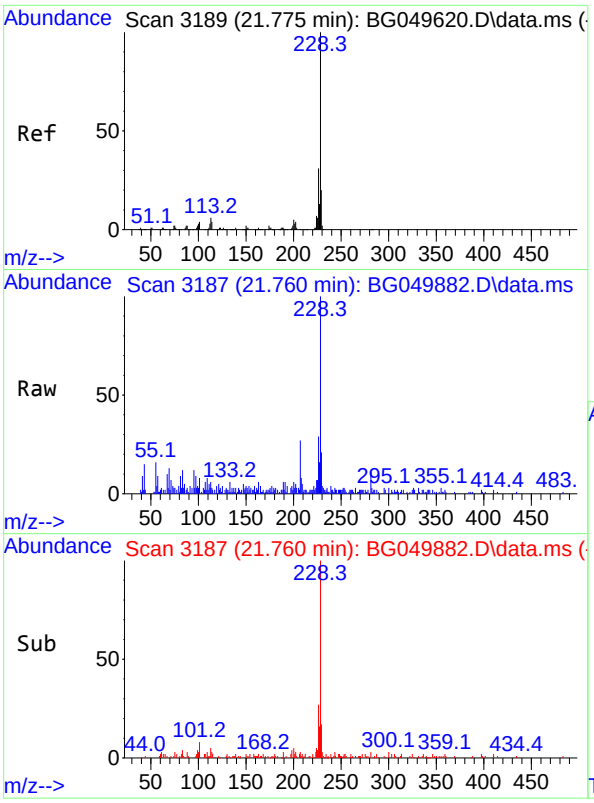
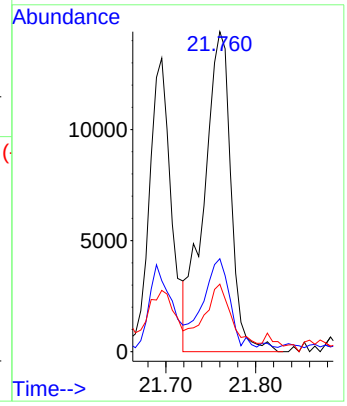
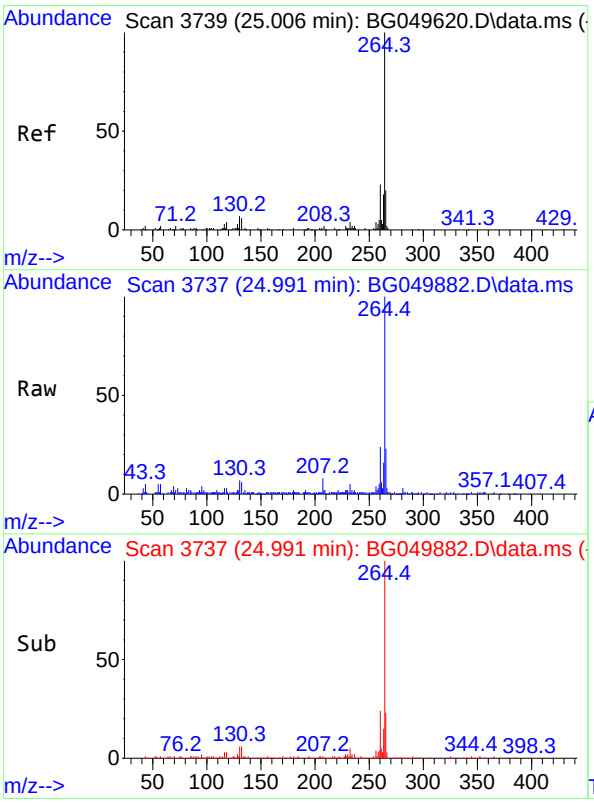


#83
Chrysene
Concen: 3.110 ng
RT: 21.760 min Scan# 3187
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:228 Resp: 30111

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	21.1	15.3	22.9

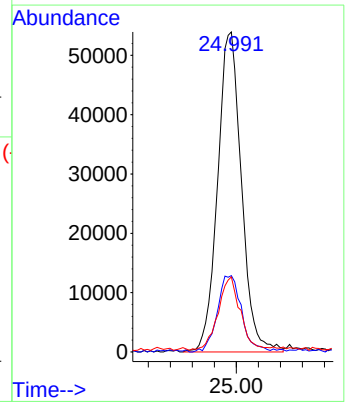




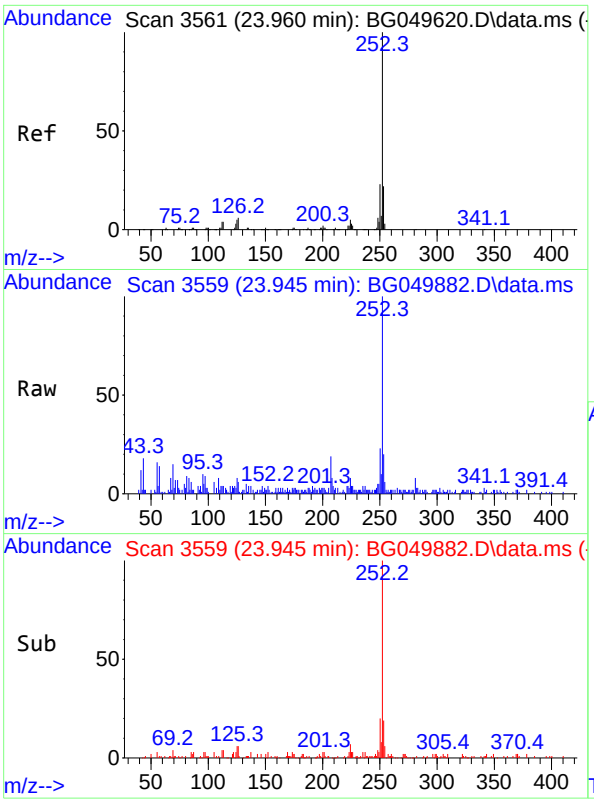
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3737
Delta R.T. 0.004 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:264 Resp: 162583

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	23.5	16.9	25.3



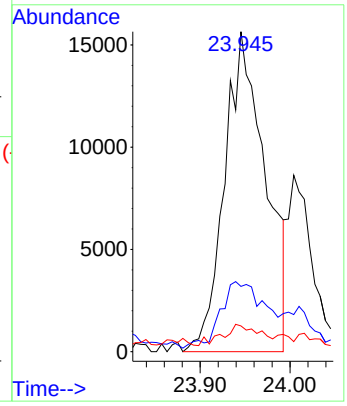
Instrument :
BNA_G
ClientSampleId :
7

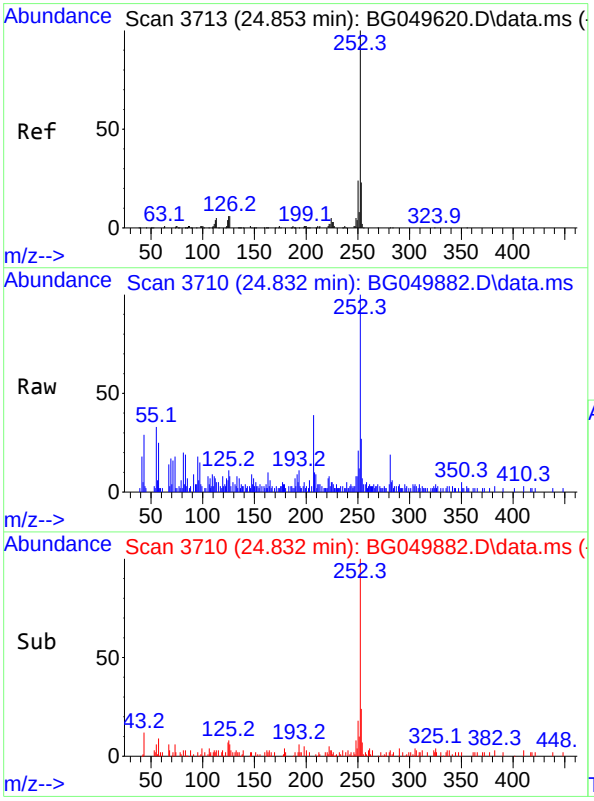


#88
Benzo(b)fluoranthene
Concen: 4.622 ng
RT: 23.945 min Scan# 3559
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:252 Resp: 49282

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.2	24.4
125	8.1	3.0	4.4#





#90
Benzo(a)pyrene
Concen: 2.684 ng
RT: 24.832 min Scan# 3710
Delta R.T. -0.008 min
Lab File: BG049882.D
Acq: 17 Aug 2021 17:49

Tgt Ion:252 Resp: 25900

Ion	Ratio	Lower	Upper
252	100		
253	27.0	16.6	25.0#
125	11.1	3.5	5.3#