Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048593.D
Acq On : 5 Apr 2021 21:21
Operator : CG/JU
Sample : M1909-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB-10-5-10

Quant Time: Apr 06 04:42:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	44394	20.00	ng	# 0.00
21) Naphthalene-d8	10.921	136	172772	20.00	ng	0.00
39) Acenaphthene-d10	14.746	164	107293	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	199979	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	180907	20.00	ng	0.00
86) Perylene-d12	25.139	264	179552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	156686	62.31	ng	0.00
7) Phenol-d6	7.243	99	206456	56.61	ng	0.00
23) Nitrobenzene-d5	9.264	82	142847	40.03	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	73466	52.09	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	300103	41.57	ng	0.00
79) Terphenyl-d14	20.110	244	340097	34.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.264	70	22256	8.85	ng	# 74
51) 2,6-Dinitrotoluene	14.746	165	14818	8.13	ng	# 22
71) Phenanthrene	17.542	178	101303	9.76	ng	99
72) Anthracene	17.542	178	101303	9.79	ng	98
75) Fluoranthene	19.552	202	127520	9.91	ng	99
78) Pyrene	19.916	202	124739	10.03	ng	98
81) Benzo(a)anthracene	21.843	228	56809	4.70	ng	94
83) Chrysene	21.843	228	56809	4.93	ng	95
88) Benzo(b)fluoranthene	24.076	252	74887	6.42	ng	96
89) Benzo(k)fluoranthene	24.076	252	74887	6.68	ng	95
90) Benzo(a)pyrene	24.993	252	56786	5.28	ng	96

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

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Misc :
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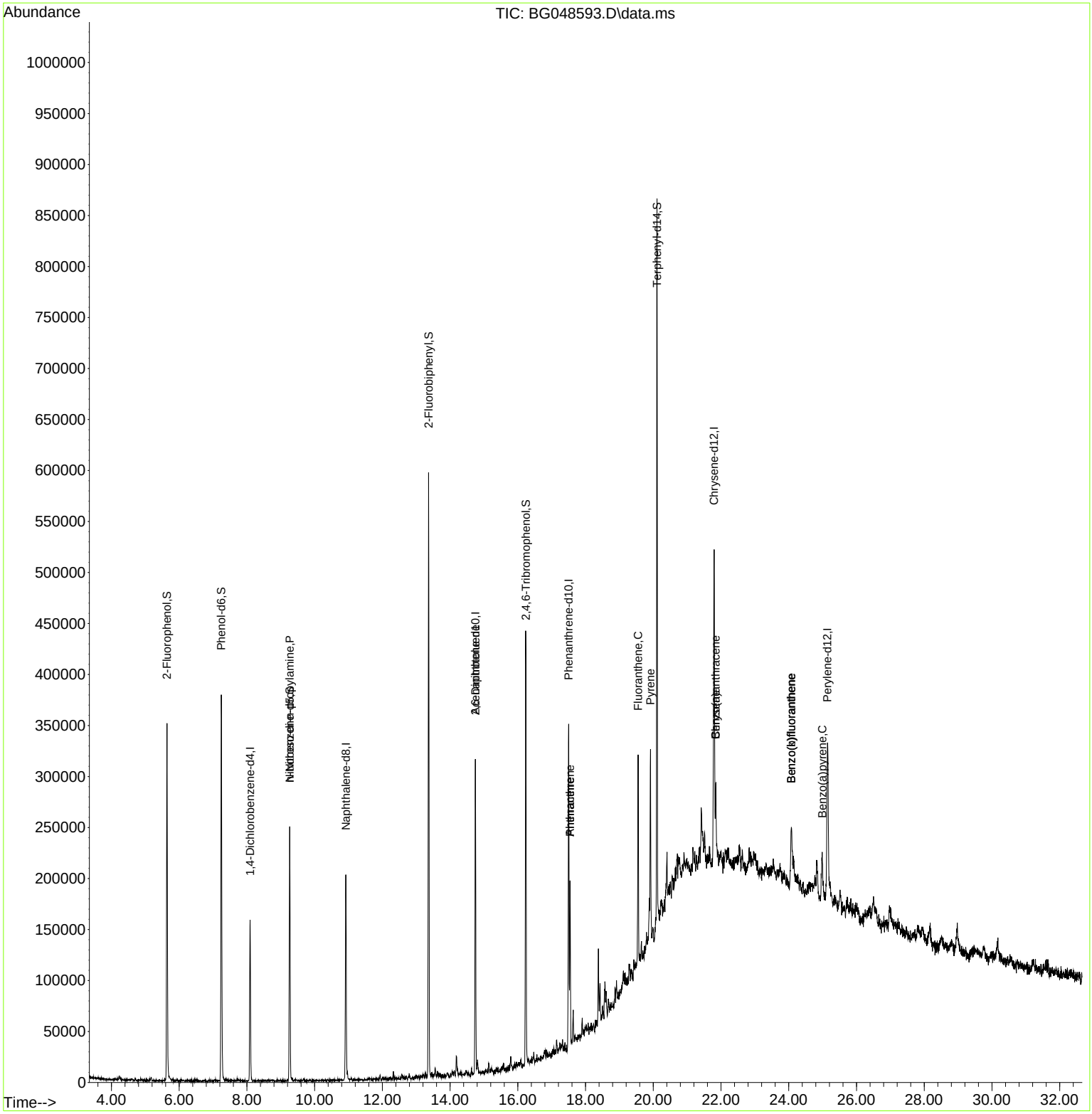
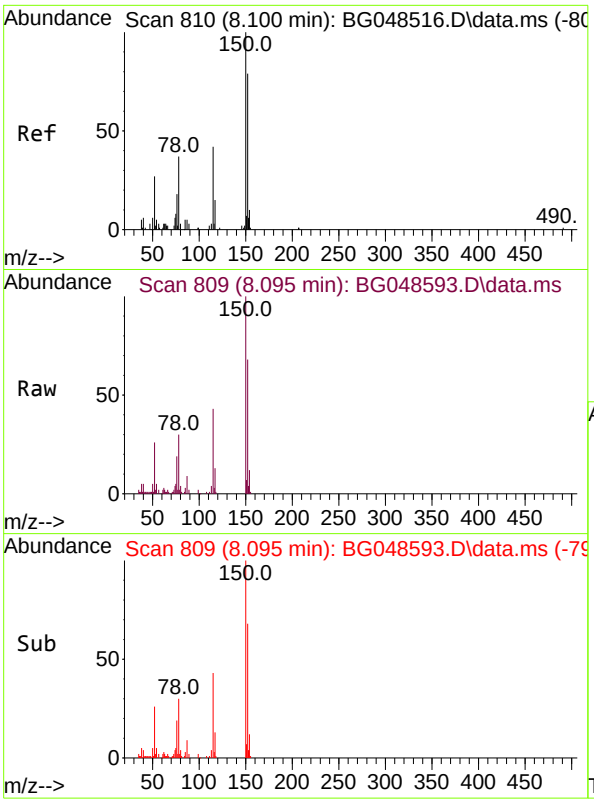
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

Quant Time: Apr 06 04:42:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration



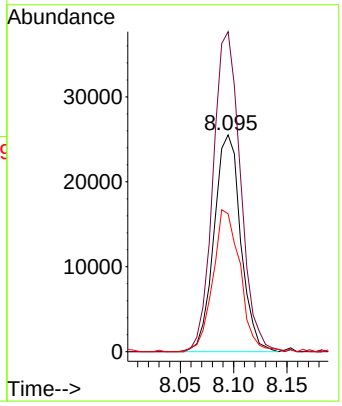
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

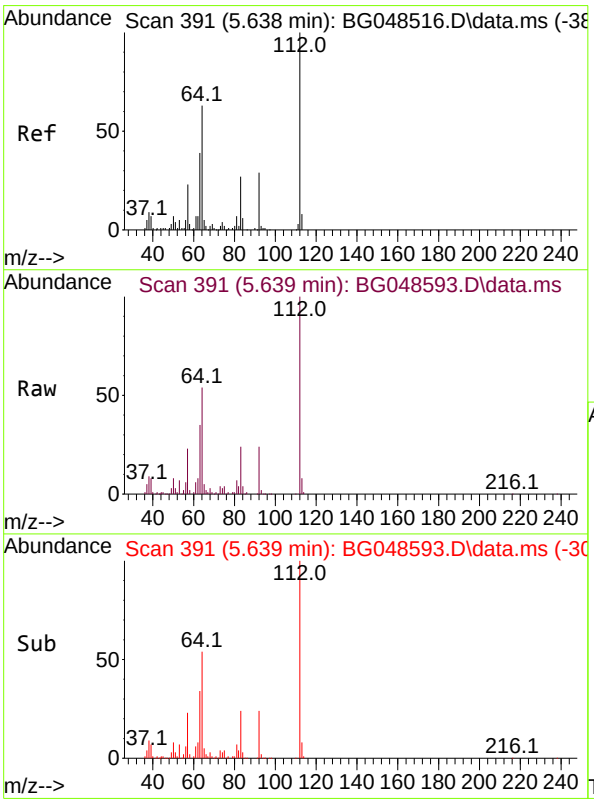


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.095 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:152 Resp: 44394

Ion	Ratio	Lower	Upper
152	100		
150	147.6	101.3	151.9
115	63.7	42.3	63.5#

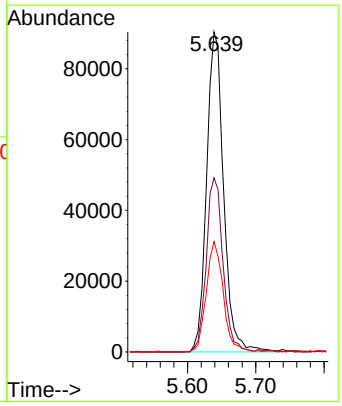




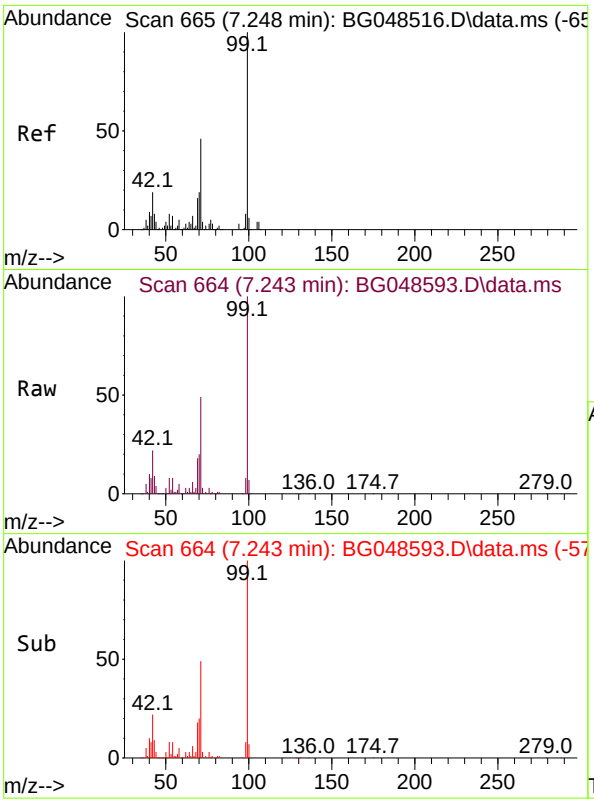
#5
2-Fluorophenol
Concen: 62.31 ng
RT: 5.639 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:112 Resp: 156686

Ion	Ratio	Lower	Upper
112	100		
64	54.4	50.4	75.6
63	34.5	31.4	47.2



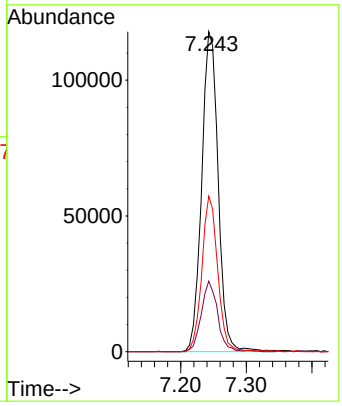
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

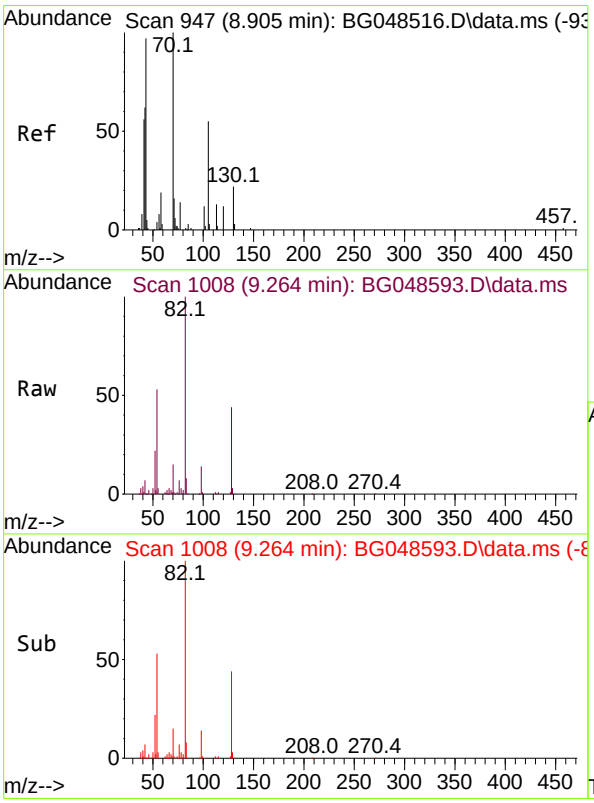


#7
Phenol-d6
Concen: 56.61 ng
RT: 7.243 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion: 99 Resp: 206456

Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.5	23.3
71	48.6	36.6	54.8

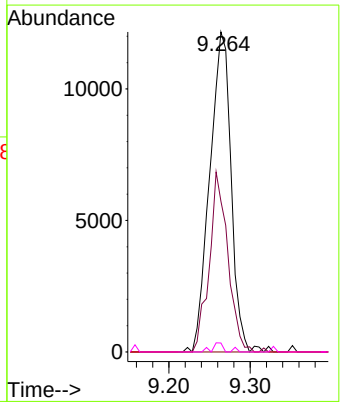


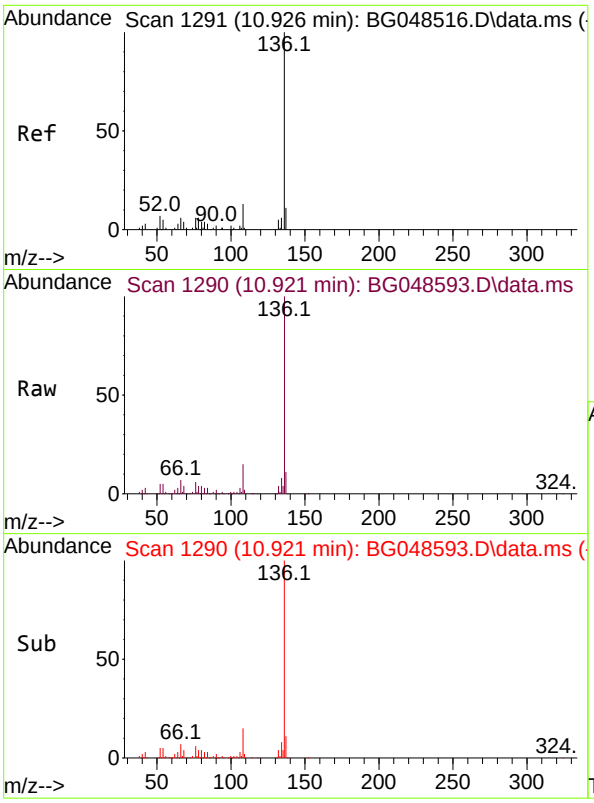


#19
n-Nitroso-di-n-propylamine
Concen: 8.85 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.359 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion: 70 Resp: 22256

Ion	Ratio	Lower	Upper
70	100		
42	47.1	50.8	76.2#
101	0.0	9.7	14.5#
130	2.8	17.4	26.0#

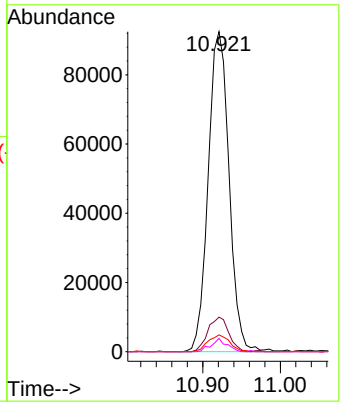




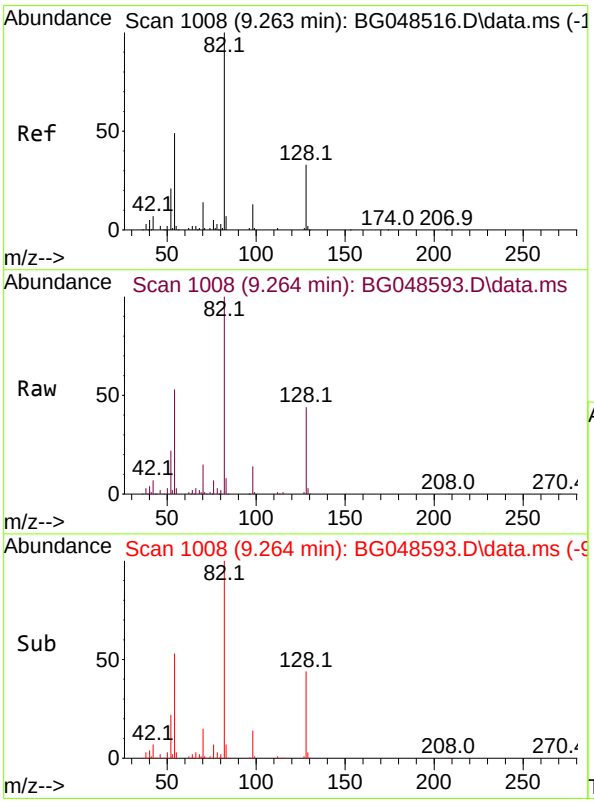
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.921 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:136 Resp: 172772

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.2	4.2	6.4
68	4.2	3.0	4.4



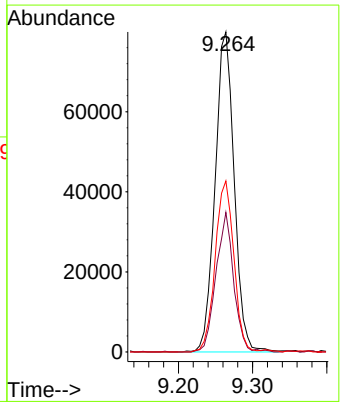
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10



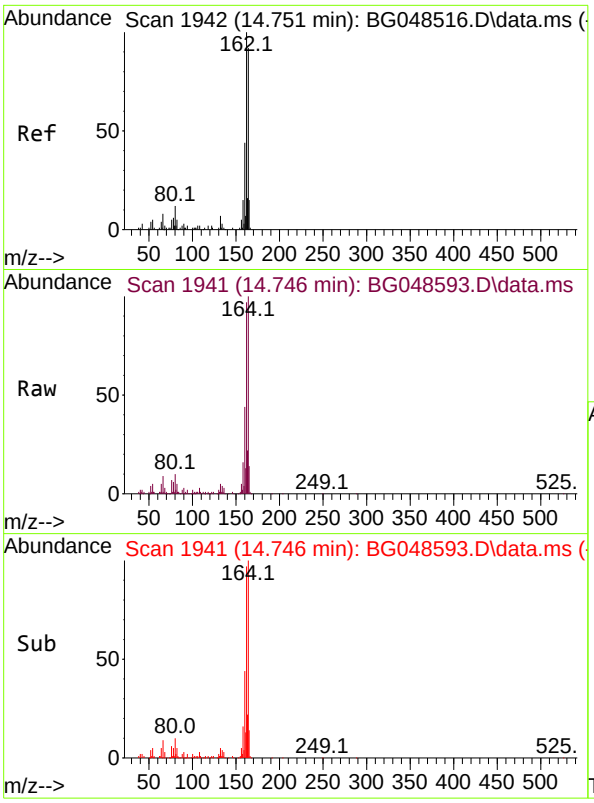
#23
Nitrobenzene-d5
Concen: 40.03 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion: 82 Resp: 142847

Ion	Ratio	Lower	Upper
82	100		
128	43.6	26.2	39.4#
54	53.5	38.9	58.3



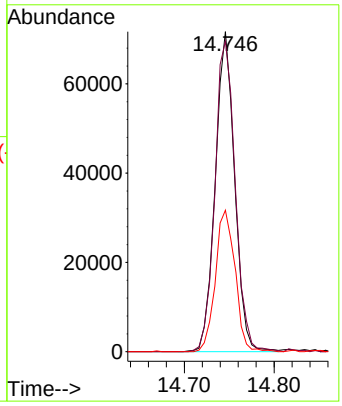
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

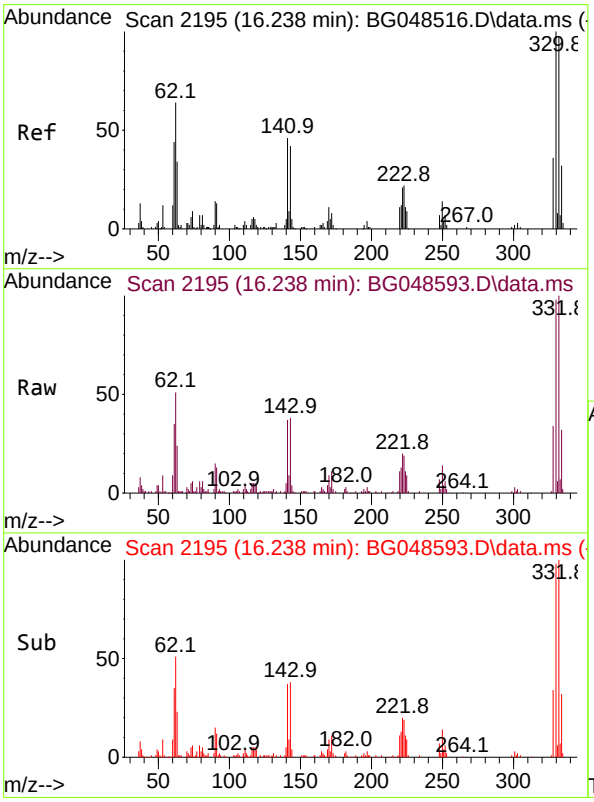


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:164 Resp: 107293

Ion	Ratio	Lower	Upper
164	100		
162	97.1	87.0	130.6
160	44.2	38.4	57.6

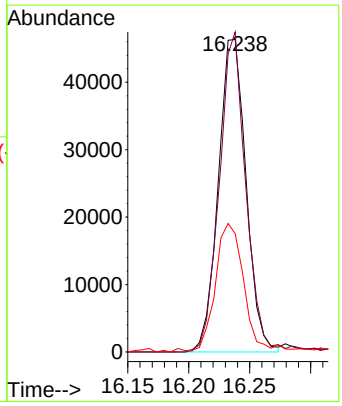




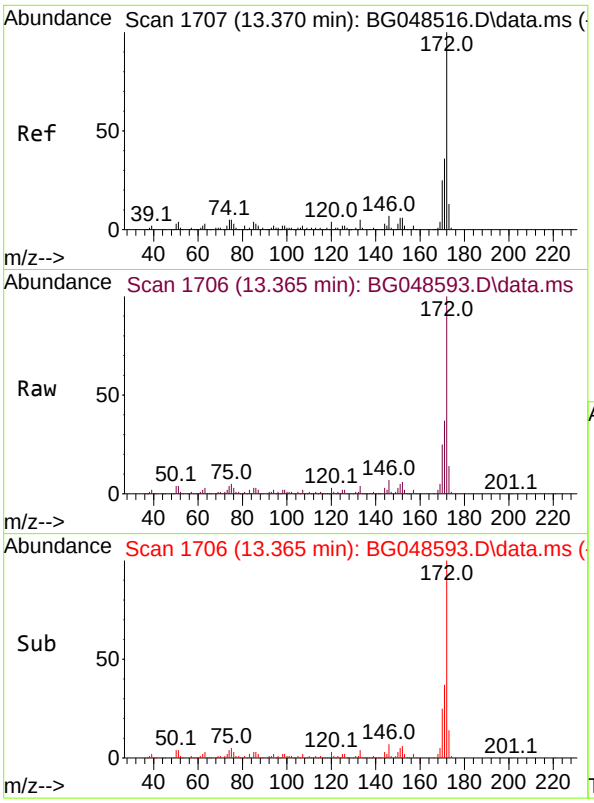
#42
2,4,6-Tribromophenol
Concen: 52.09 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:330 Resp: 73466

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.6	116.4
141	43.0	34.6	52.0



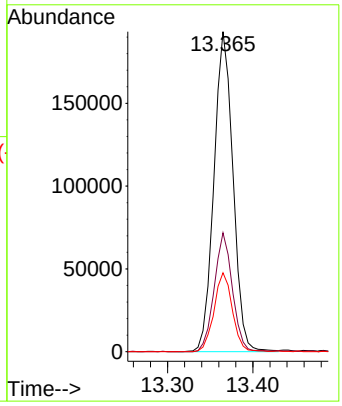
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

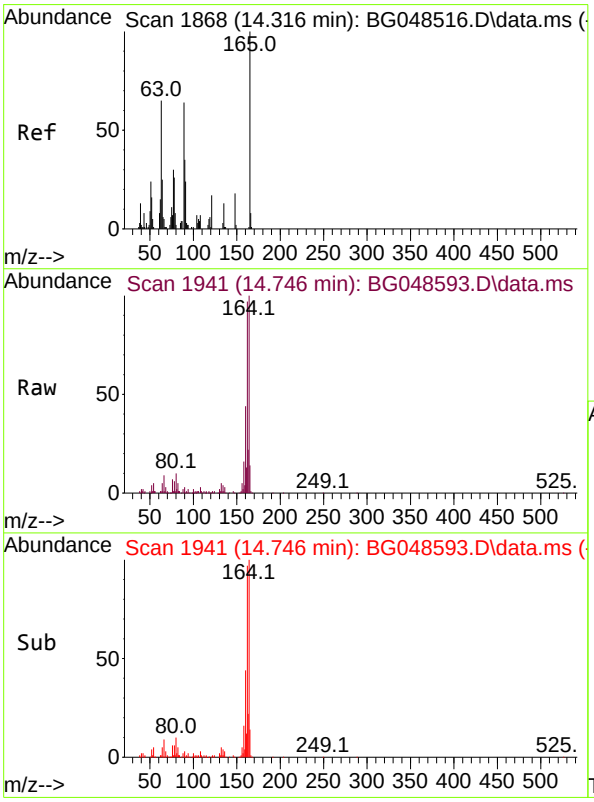


#45
2-Fluorobiphenyl
Concen: 41.57 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:172 Resp: 300103

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	24.6	19.8	29.6

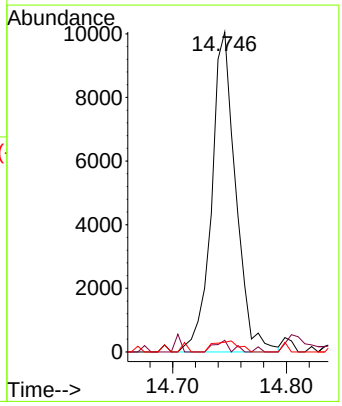




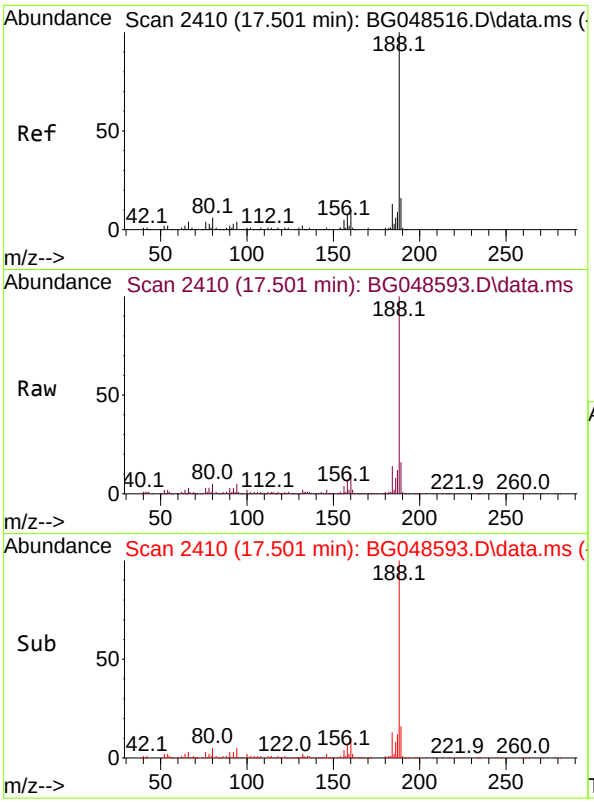
#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 14.746 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:165 Resp: 14818

Ion	Ratio	Lower	Upper
165	100		
63	3.7	53.8	80.6#
89	3.1	50.8	76.2#



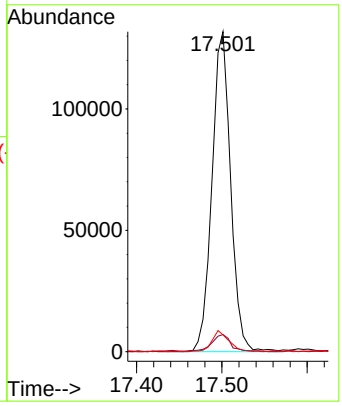
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

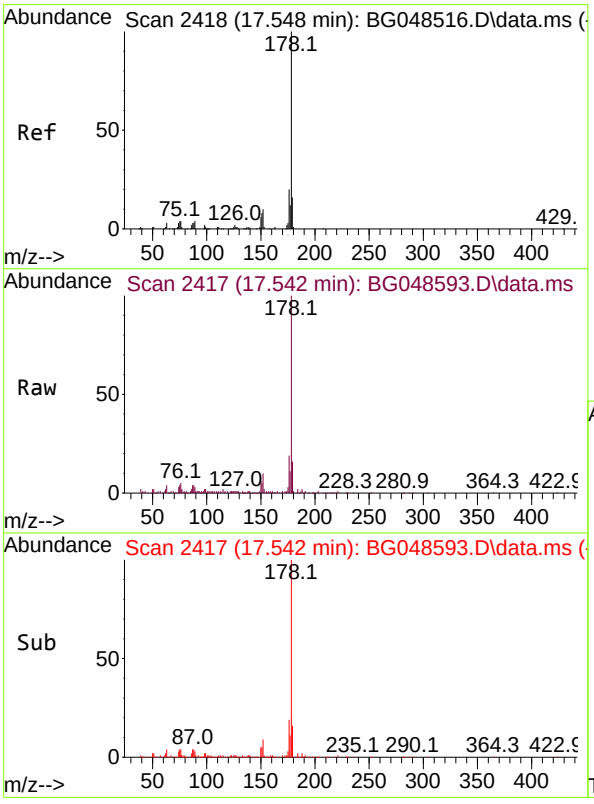


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:188 Resp: 199979

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.0	4.6#
80	5.2	4.5	6.7

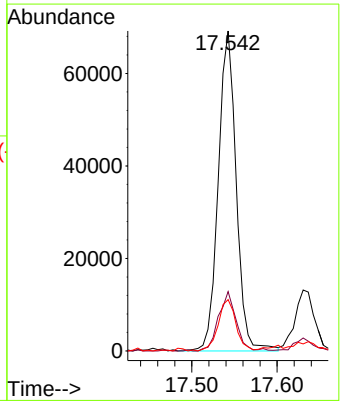




#71
Phenanthrene
Concen: 9.76 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:178 Resp: 101303

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	16.1	12.9	19.3



Instrument :
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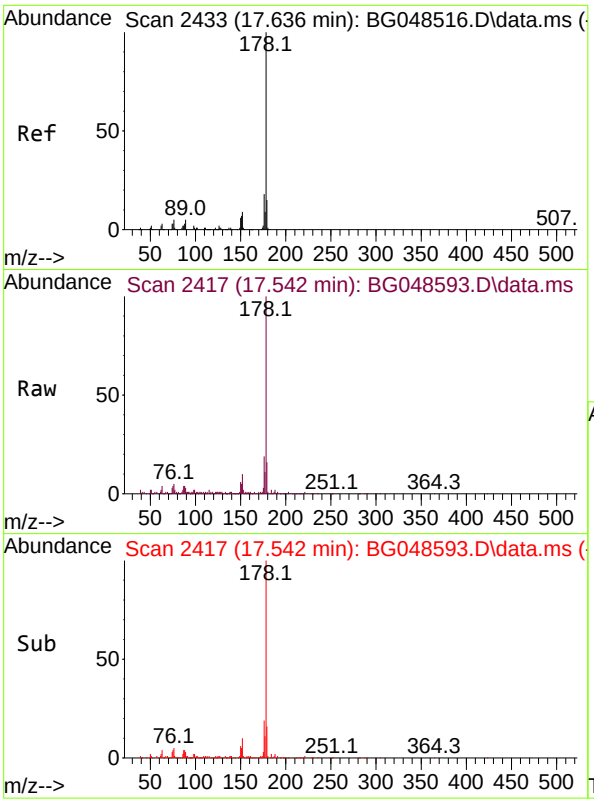
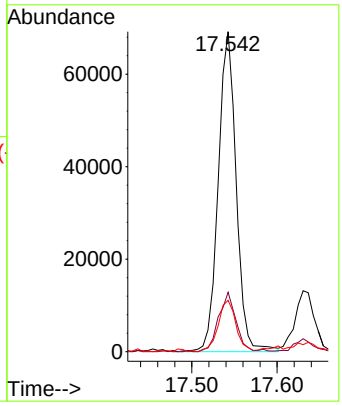
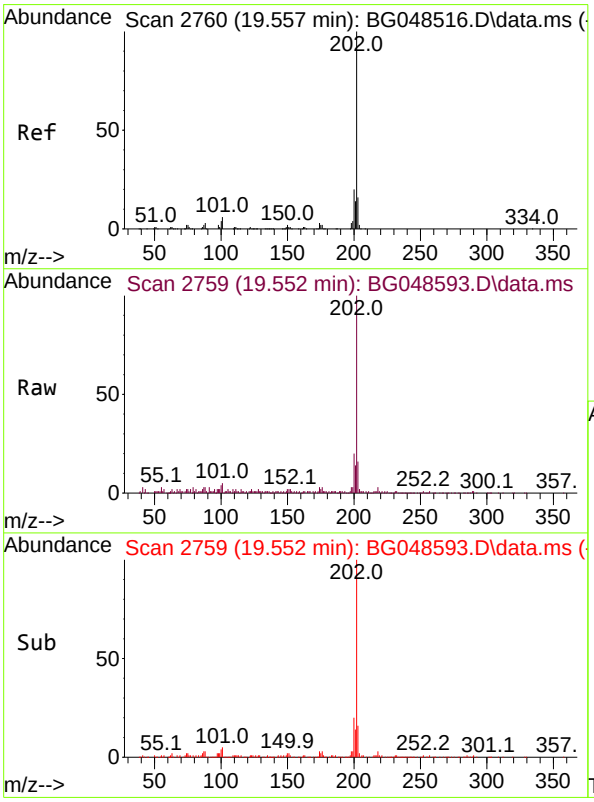


#72
Anthracene
Concen: 9.79 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.099 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:178 Resp: 101303

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	16.1	11.9	17.9

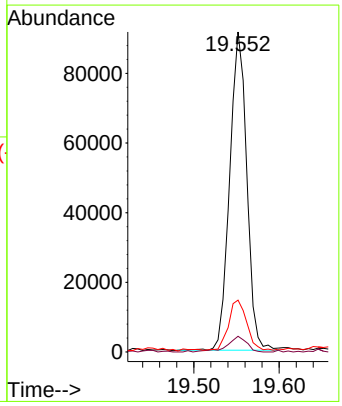


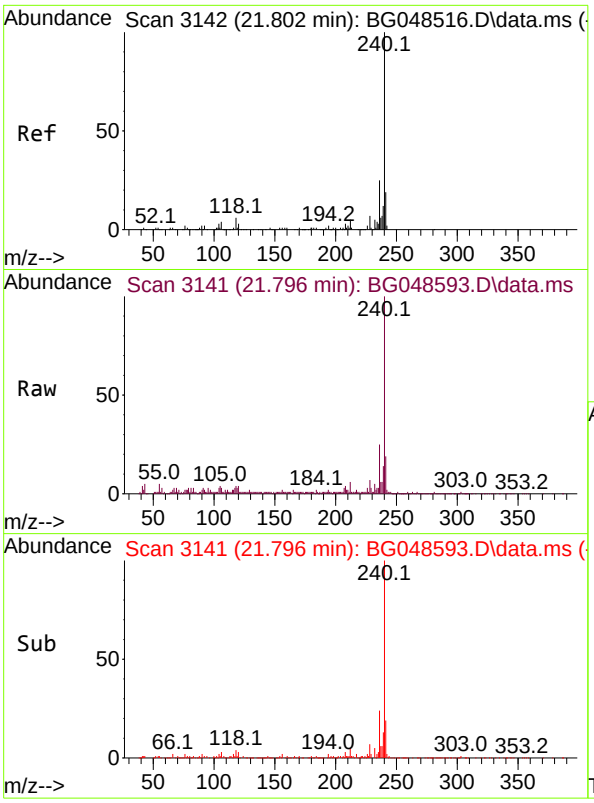


#75
Fluoranthene
Concen: 9.91 ng
RT: 19.552 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:202 Resp: 127520

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	25.8
203	16.2	0.0	36.4

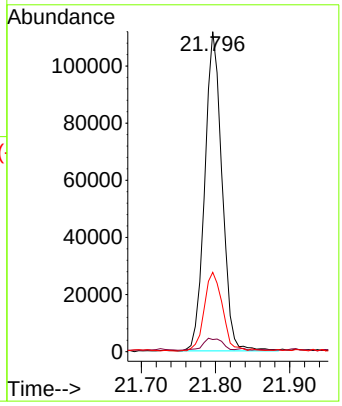




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:240 Resp: 180907

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.6	3.8
236	24.8	19.8	29.6



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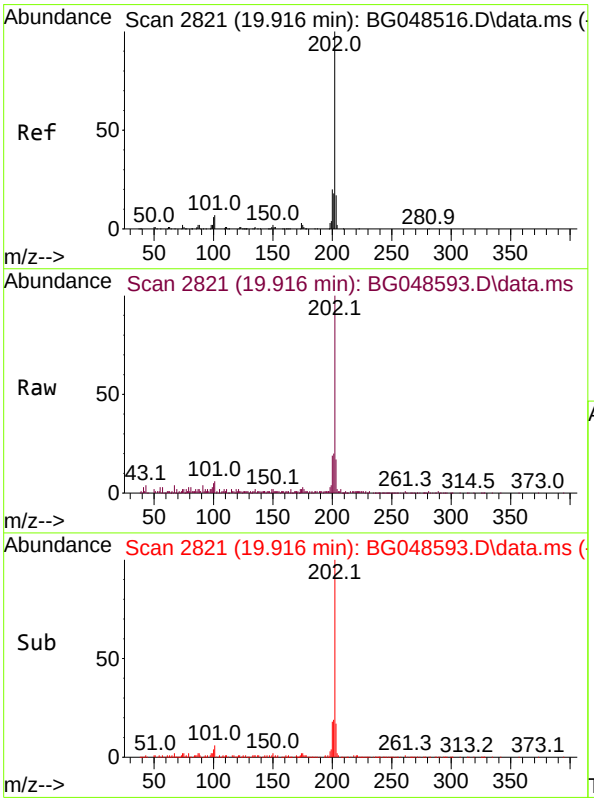
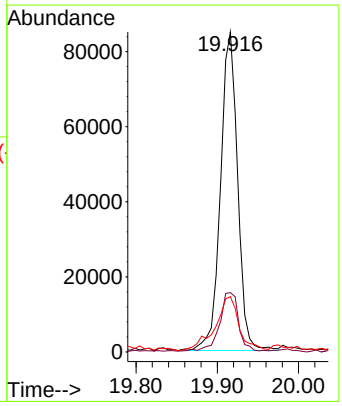


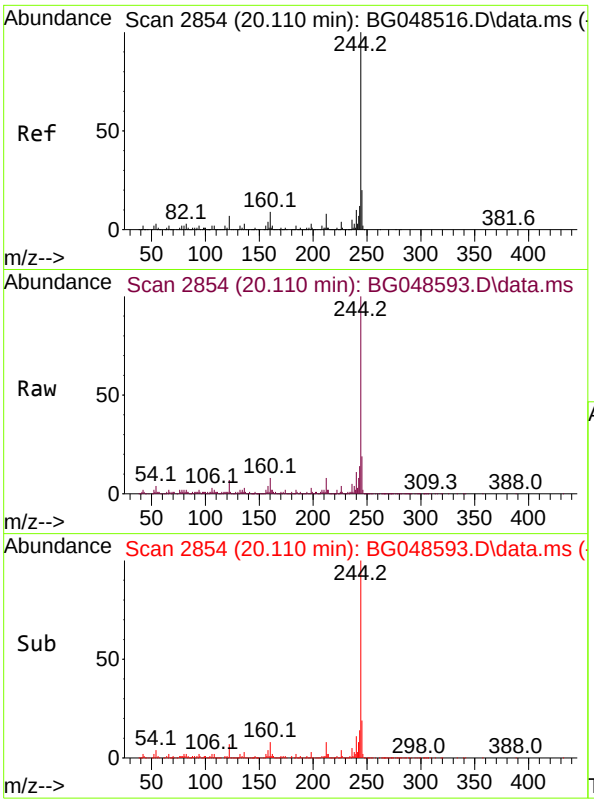
#78
Pyrene
Concen: 10.03 ng
RT: 19.916 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:202 Resp: 124739

Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.1	24.1
203	17.3	13.6	20.4



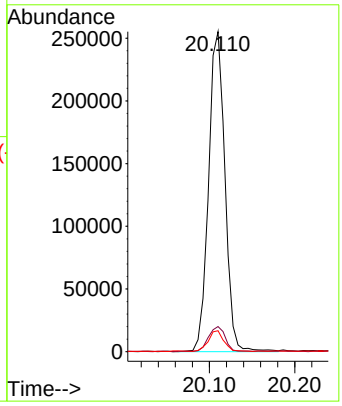
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

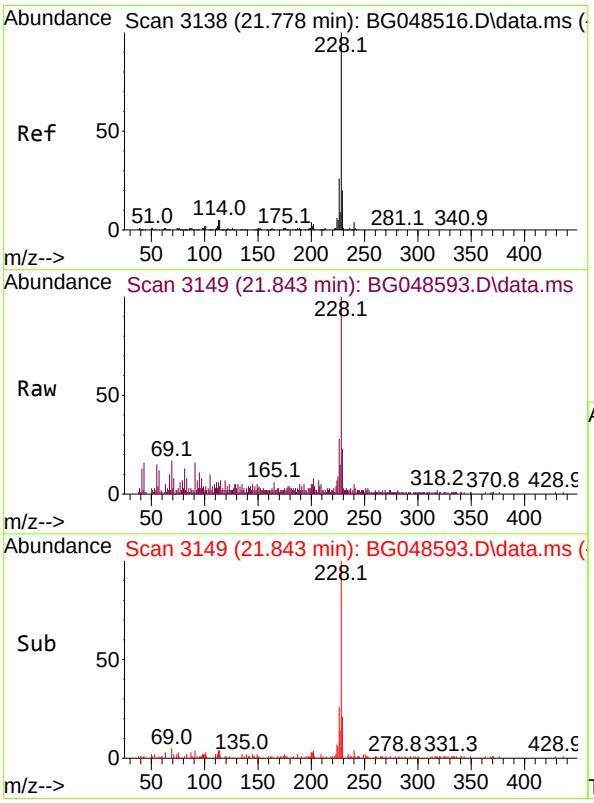


#79
Terphenyl-d14
Concen: 34.38 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:244 Resp: 340097

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	6.6	5.8	8.6

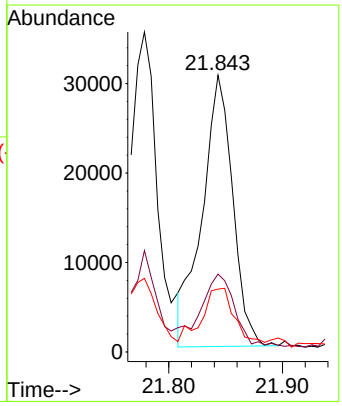




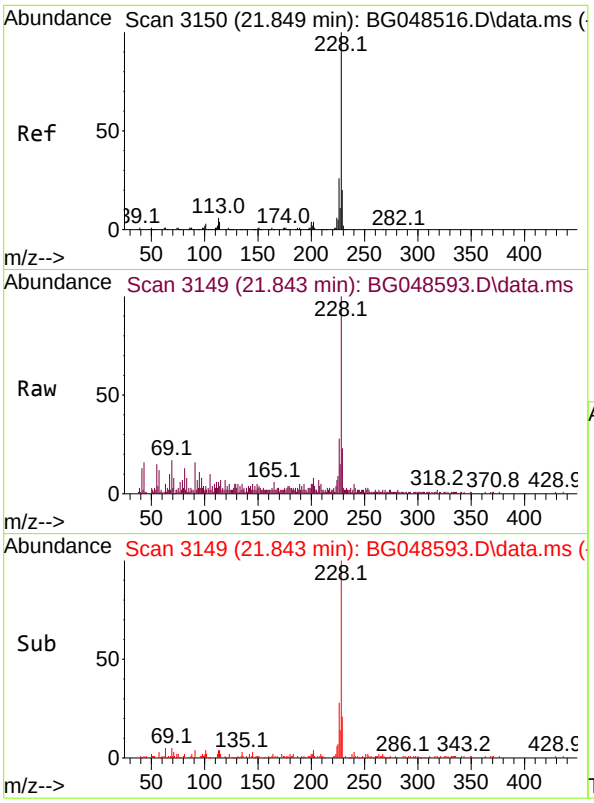
#81
Benzo(a)anthracene
Concen: 4.70 ng
RT: 21.843 min Scan# 3149
Delta R.T. 0.060 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:228 Resp: 56809

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.6	30.8
229	22.7	15.8	23.8



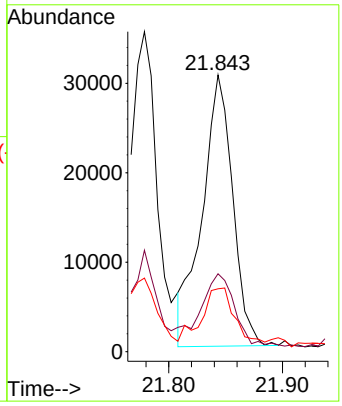
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

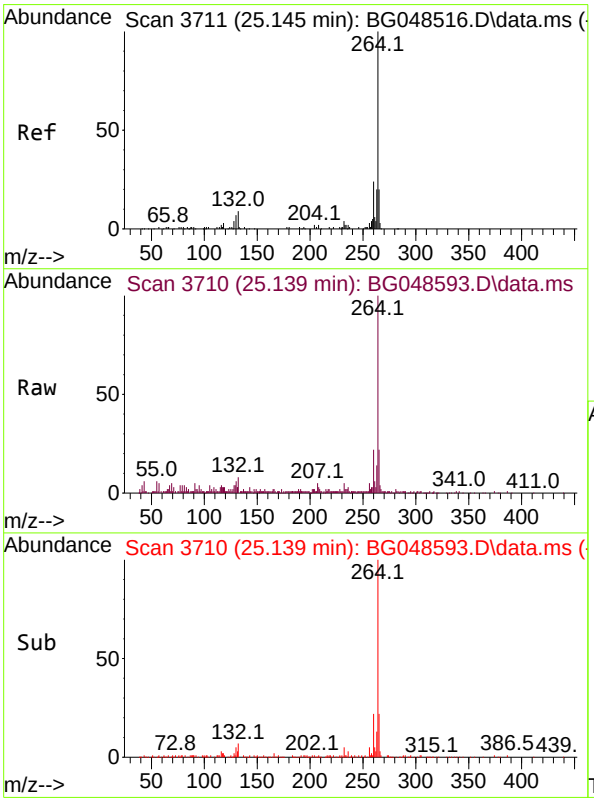


#83
Chrysene
Concen: 4.93 ng
RT: 21.843 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:228 Resp: 56809

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.6	31.0
229	22.7	16.3	24.5

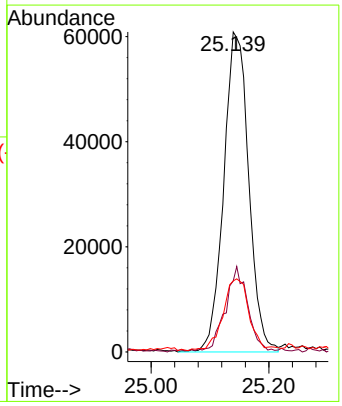




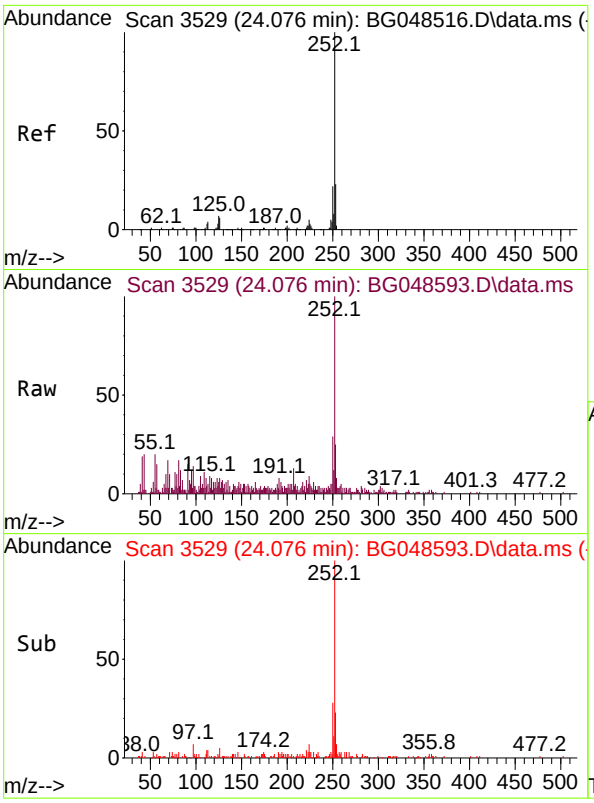
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.011 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:264 Resp: 179552

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.1	28.7
265	22.2	16.1	24.1



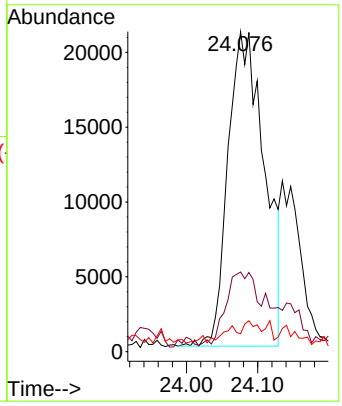
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10

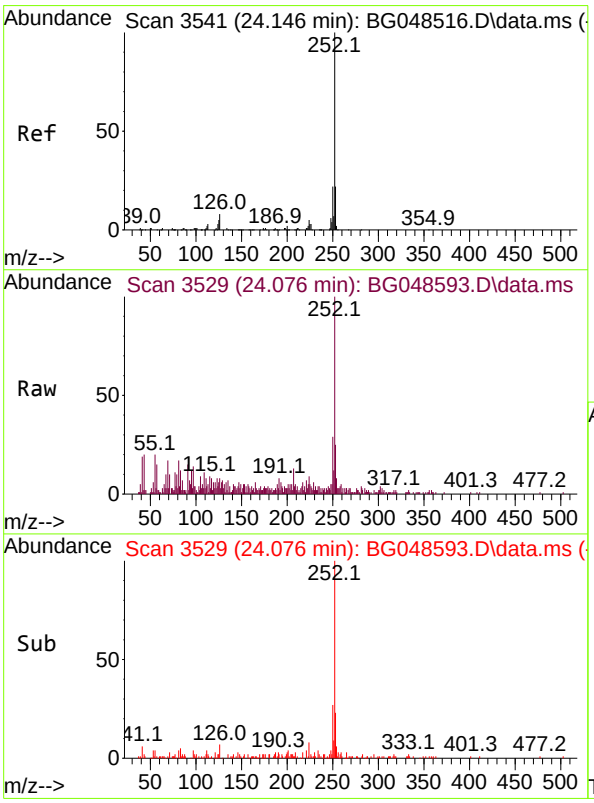


#88
Benzo(b)fluoranthene
Concen: 6.42 ng
RT: 24.076 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:252 Resp: 74887

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	5.6	5.3	7.9

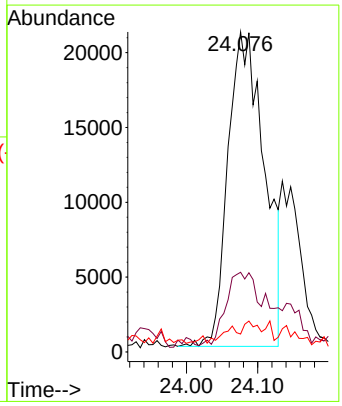


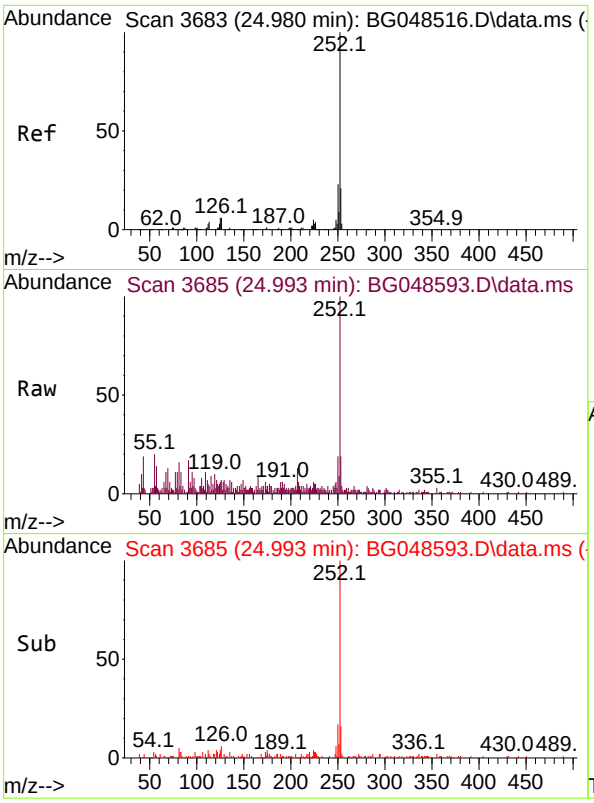


#89
Benzo(k)fluoranthene
Concen: 6.68 ng
RT: 24.076 min Scan# 3529
Delta R.T. -0.075 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:252 Resp: 74887

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	5.6	3.9	5.9

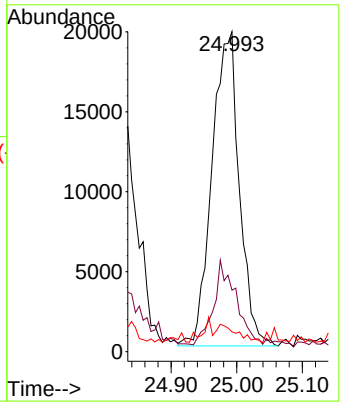




#90
Benzo(a)pyrene
Concen: 5.28 ng
RT: 24.993 min Scan# 3685
Delta R.T. 0.001 min
Lab File: BG048593.D
Acq: 5 Apr 2021 21:21

Tgt Ion:252 Resp: 56786

Ion	Ratio	Lower	Upper
252	100		
253	19.3	17.1	25.7
125	6.2	4.4	6.6



Instrument :
BNA_G
ClientSampleId :
FS-SB-10-5-10