Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050716.D
Acq On : 25 Oct 2021 18:45
Operator : CG/JU
Sample : M4332-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BB-SAMPLE-3

Quant Time: Oct 26 02:15:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

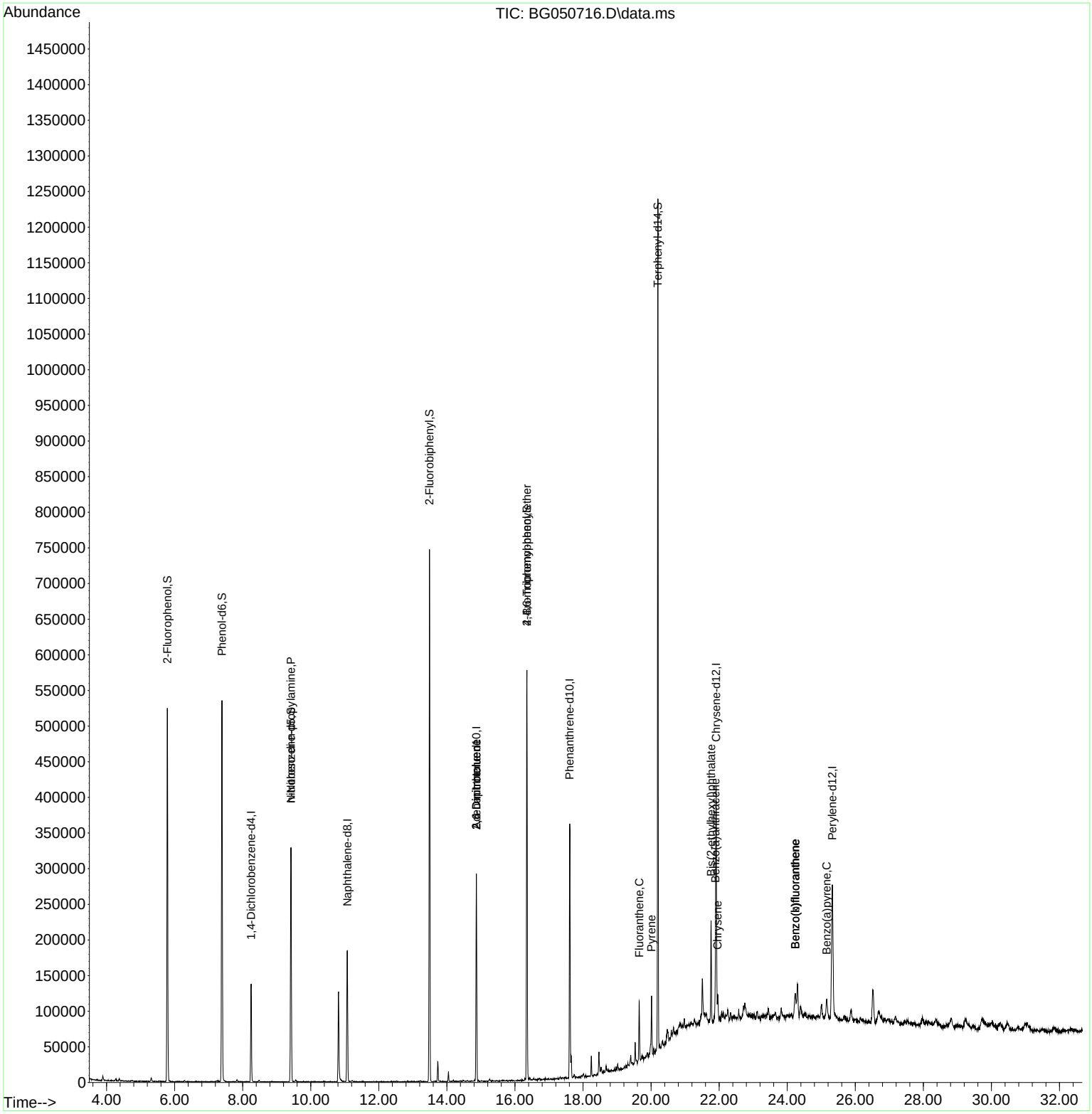
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	36794	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	154479	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	101656	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	222959	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	190379	20.000	ng	#-0.01
86) Perylene-d12	25.324	264	188113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	221139	89.885	ng	0.00
7) Phenol-d6	7.392	99	300305	84.308	ng	0.00
23) Nitrobenzene-d5	9.419	82	210508	56.410	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	84539	87.188	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	364039	53.897	ng	-0.01
79) Terphenyl-d14	20.200	244	521577	53.391	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.392	77	772	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.419	70	29322	11.294	ng	# 72
51) 2,6-Dinitrotoluene	14.866	165	13381	8.694	ng	# 10
57) 2,4-Dinitrotoluene	14.866	165	13381	6.168	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	6906	3.074	ng	# 1
75) Fluoranthene	19.654	202	53103	3.677	ng	95
78) Pyrene	20.012	202	49219	3.644	ng	97
81) Benzo(a)anthracene	21.893	228	25792	2.047	ng	96
83) Chrysene	21.957	228	26499	2.236	ng	97
84) Bis(2-ethylhexyl)phtha...	21.763	149	55046	6.781	ng	96
88) Benzo(b)fluoranthene	24.237	252	39537	3.432	ng	# 91
89) Benzo(k)fluoranthene	24.237	252	39537	3.488	ng	# 95
90) Benzo(a)pyrene	25.159	252	27733	2.831	ng	# 93

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

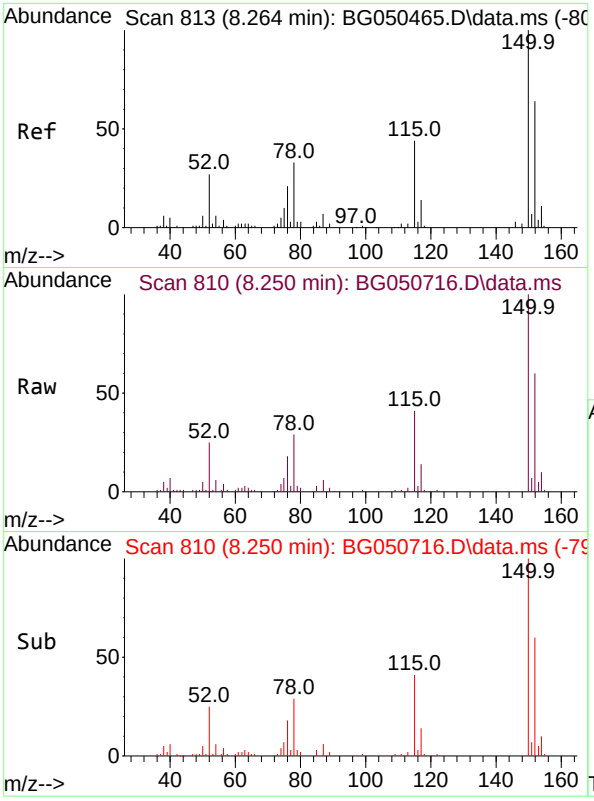
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050716.D
Acq On : 25 Oct 2021 18:45
Operator : CG/JU
Sample : M4332-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

Quant Time: Oct 26 02:15:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration



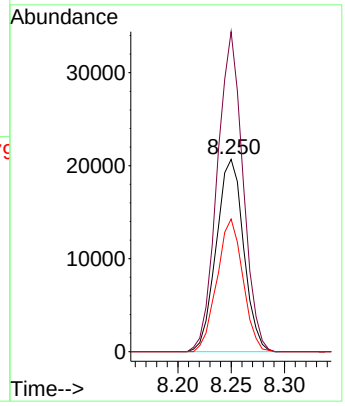
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

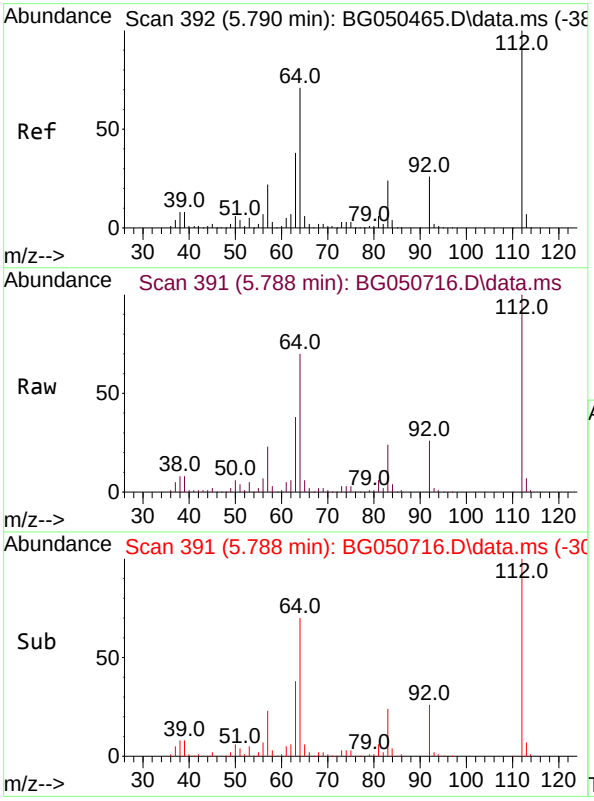


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:152 Resp: 36794

Ion	Ratio	Lower	Upper
152	100		
150	166.3	119.4	179.0
115	68.9	60.2	90.4

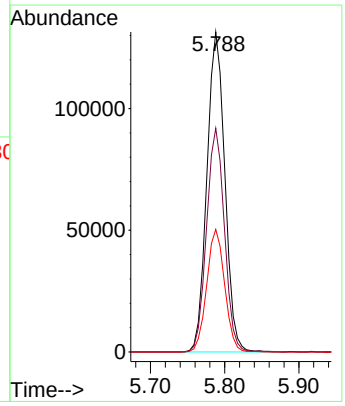




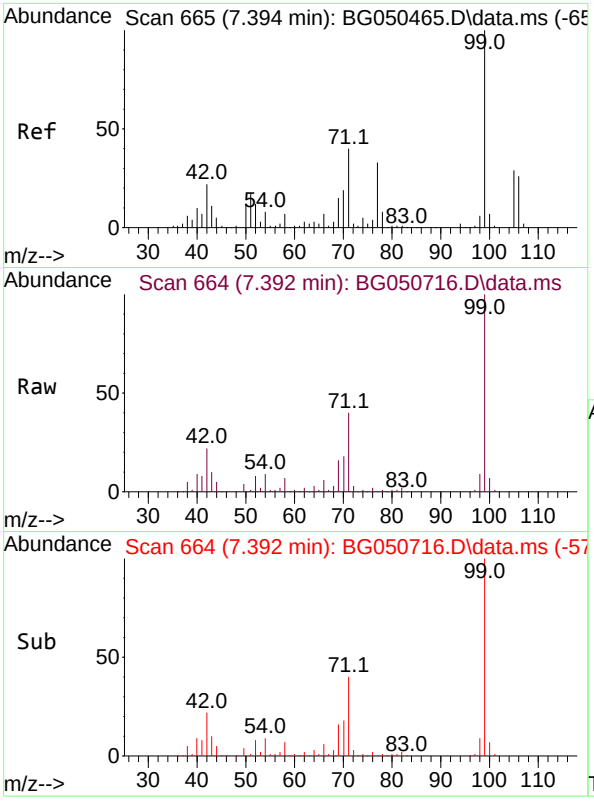
#5
2-Fluorophenol
Concen: 89.885 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:112 Resp: 221139

Ion	Ratio	Lower	Upper
112	100		
64	69.9	46.7	70.1
63	38.3	35.3	52.9



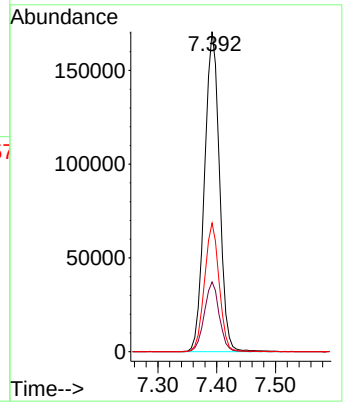
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

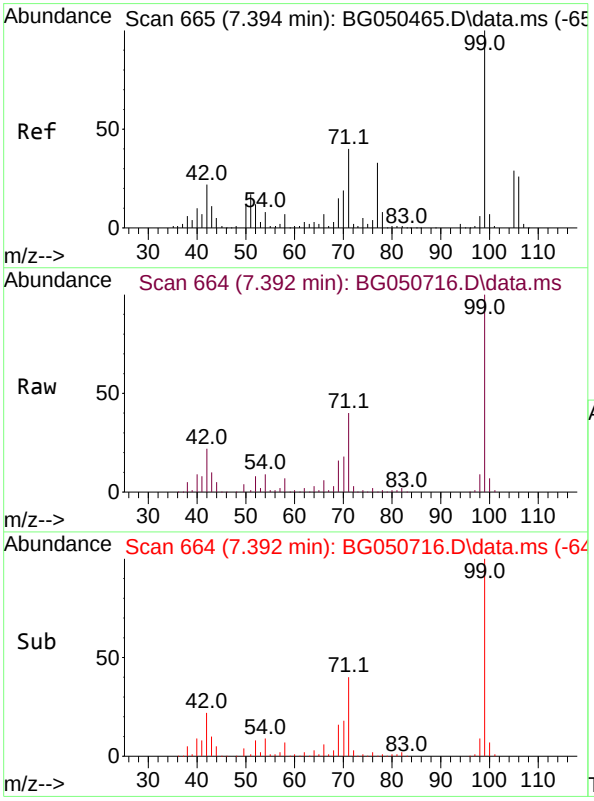


#7
Phenol-d6
Concen: 84.308 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion: 99 Resp: 300305

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.5	30.7
71	40.2	41.5	62.3#

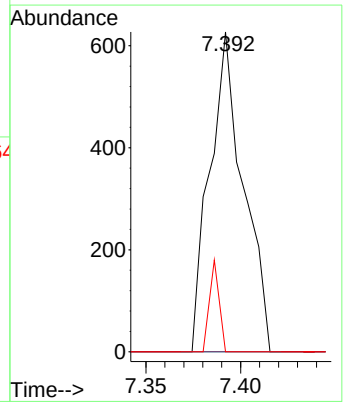




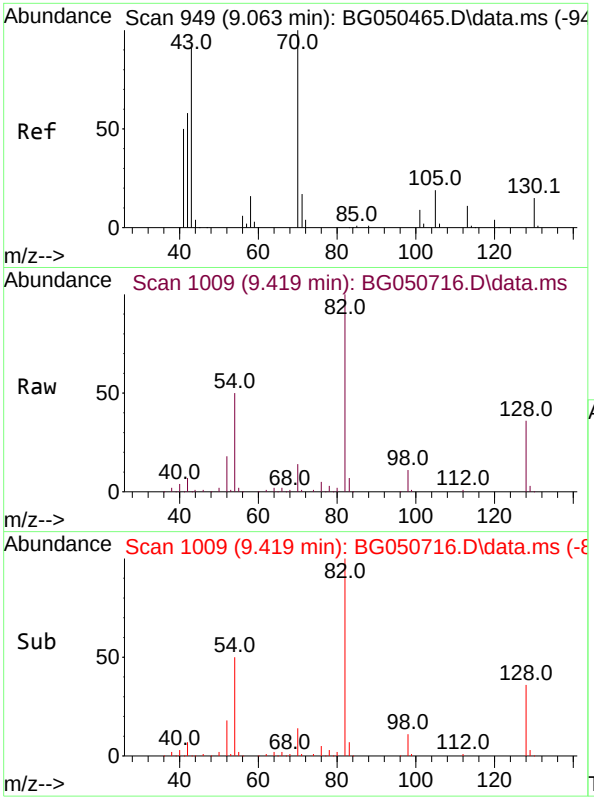
#9
Benzaldehyde
Concen: Below Cal
RT: 7.392 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion: 77 Resp: 772

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.8	108.8#
106	0.0	47.9	87.9#



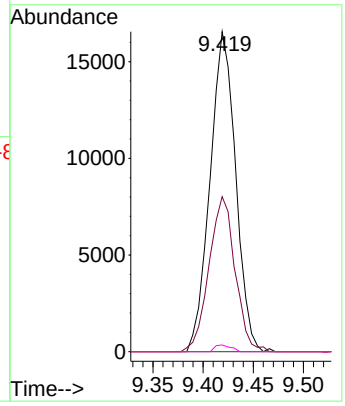
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

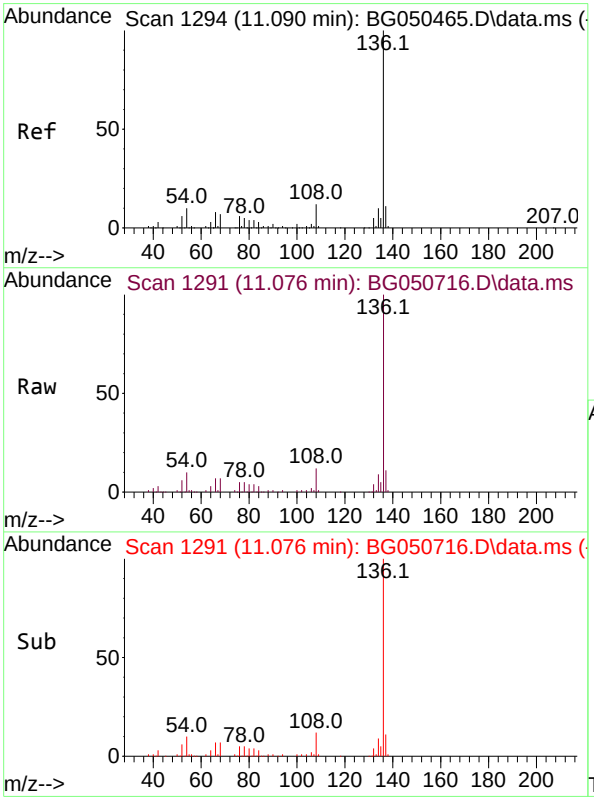


#19
n-Nitroso-di-n-propylamine
Concen: 11.294 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.362 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion: 70 Resp: 29322

Ion	Ratio	Lower	Upper
70	100		
42	48.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#

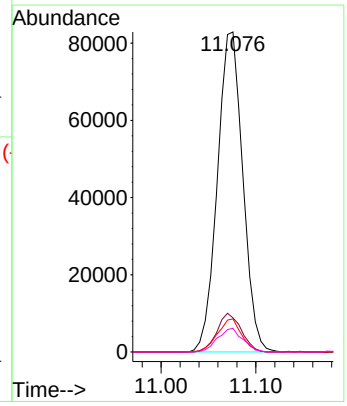




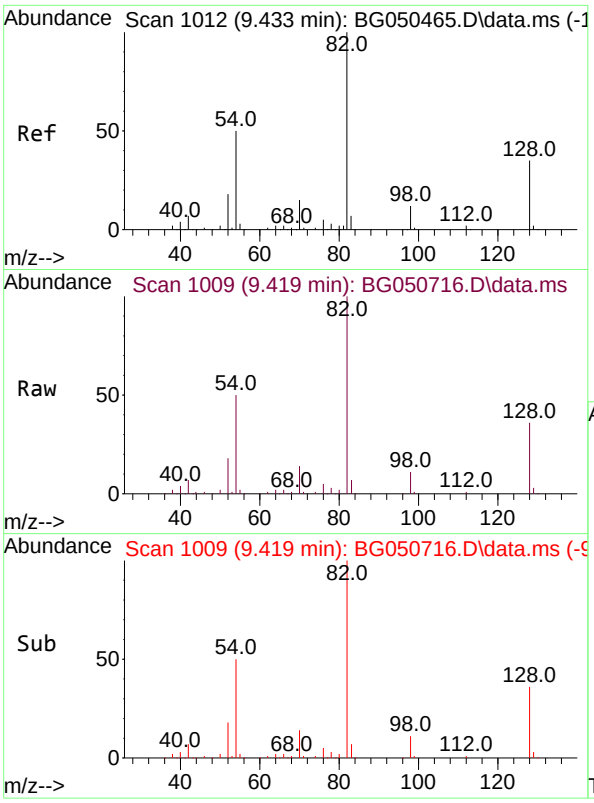
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:136 Resp: 154479

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.3	5.5	8.3#
68	7.4	2.3	3.5#



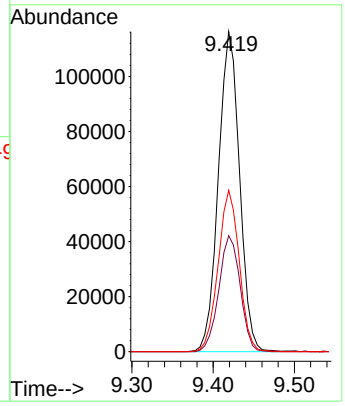
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

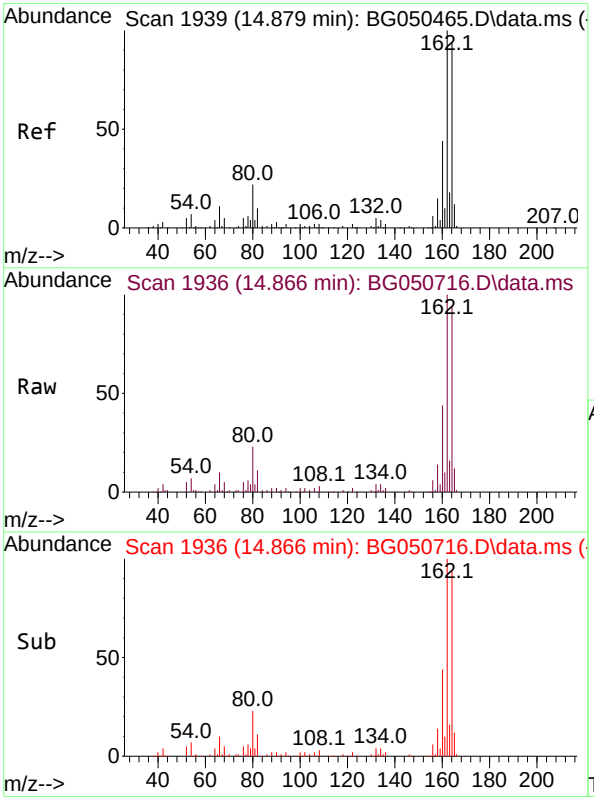


#23
Nitrobenzene-d5
Concen: 56.410 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion: 82 Resp: 210508

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.8	44.6
54	50.4	45.8	68.8

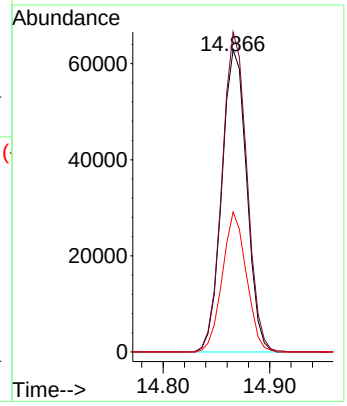




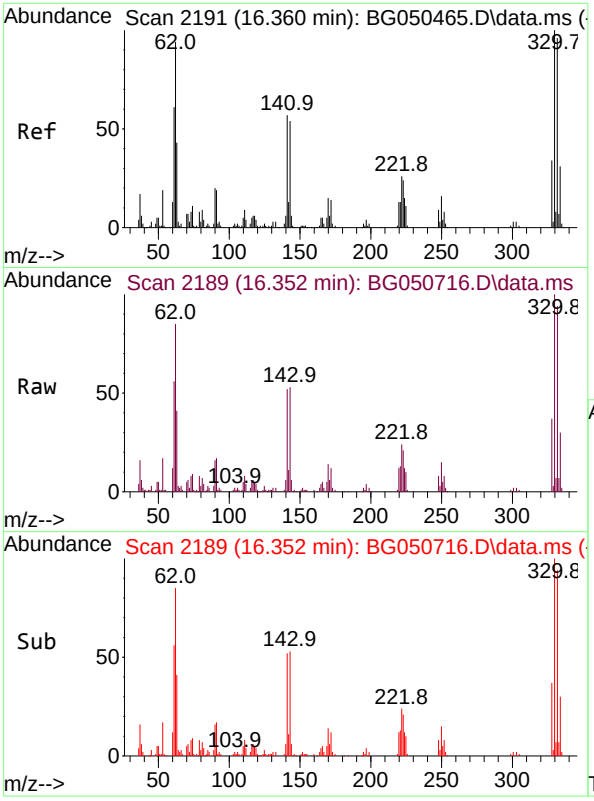
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:164 Resp: 101656

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.4	122.0
160	46.3	34.9	52.3



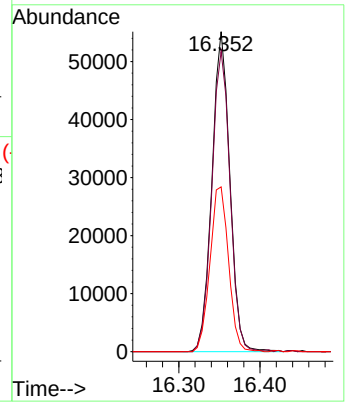
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

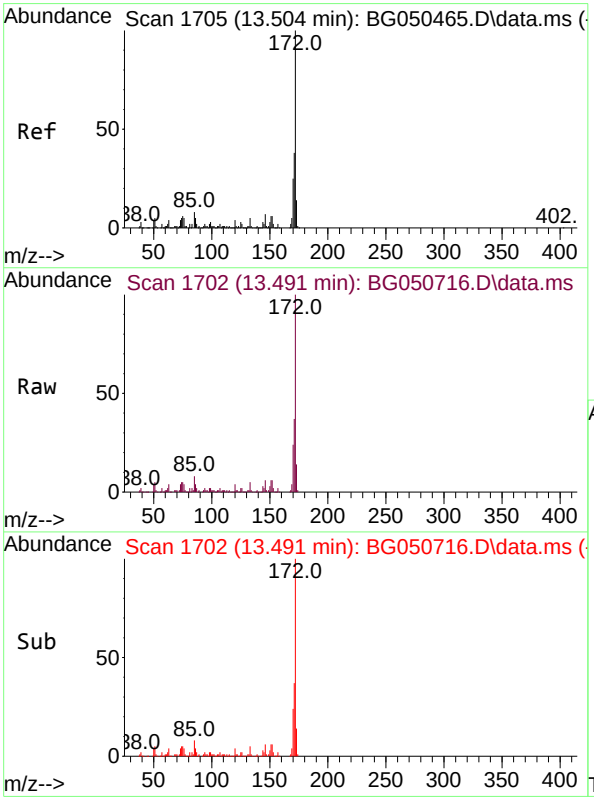


#42
2,4,6-Tribromophenol
Concen: 87.188 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:330 Resp: 84539

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	53.3	35.6	53.4

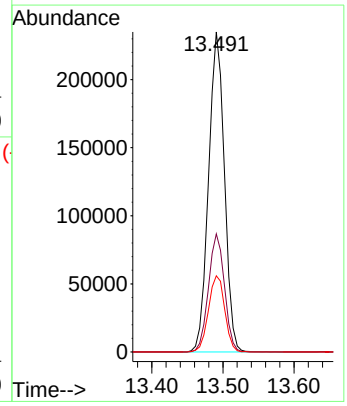




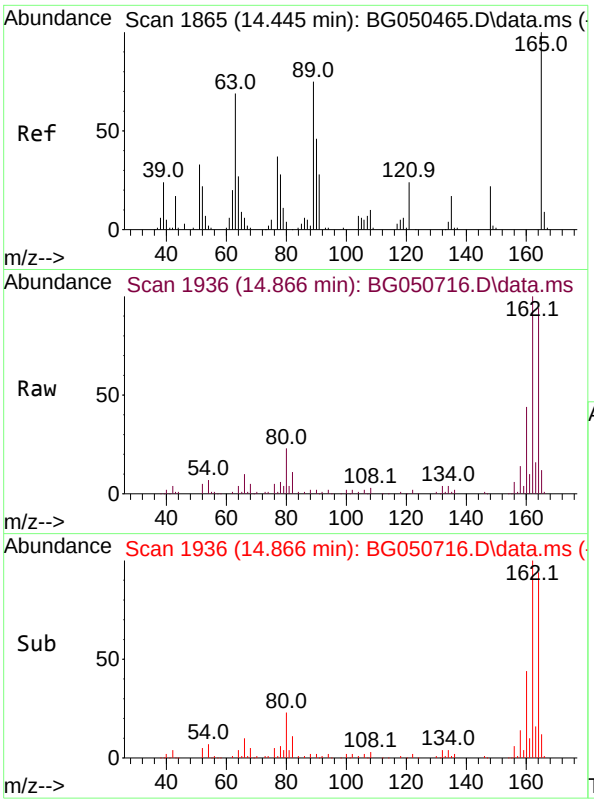
#45
2-Fluorobiphenyl
Concen: 53.897 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:172 Resp: 364039

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	23.8	18.6	27.8



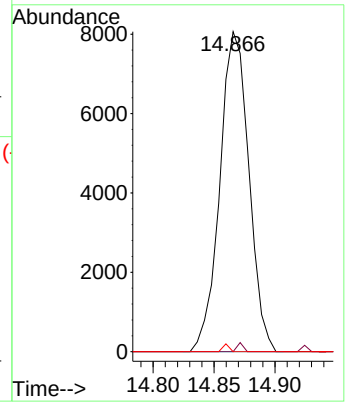
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

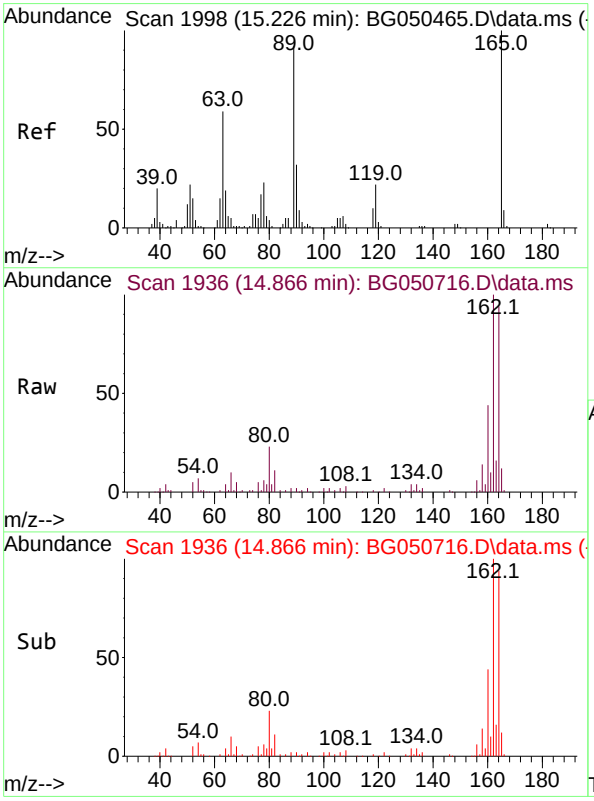


#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 14.866 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:165 Resp: 13381

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#

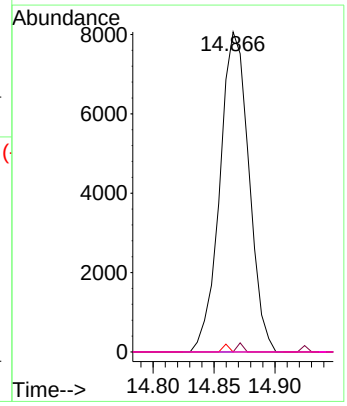




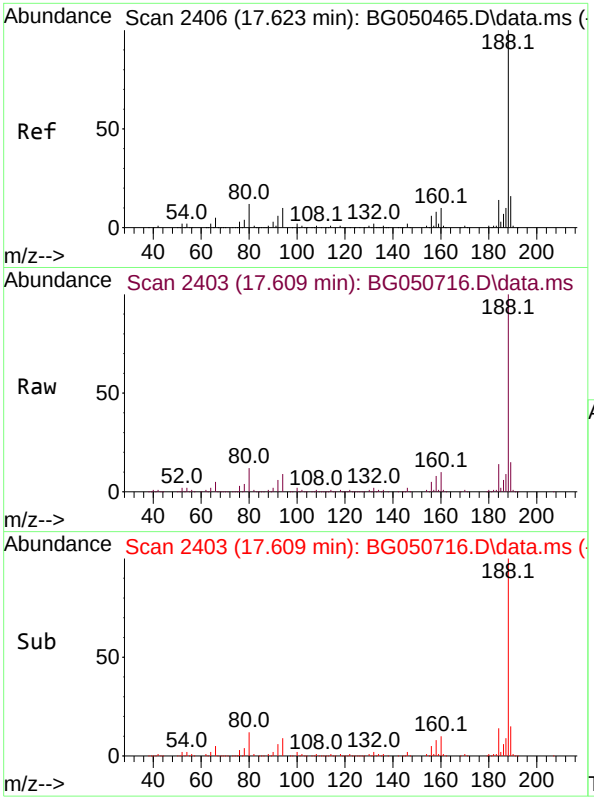
#57
2,4-Dinitrotoluene
Concen: 6.168 ng
RT: 14.866 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:165 Resp: 13381

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



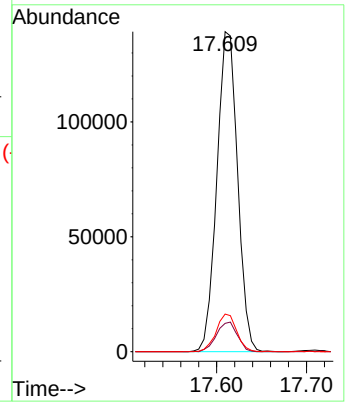
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

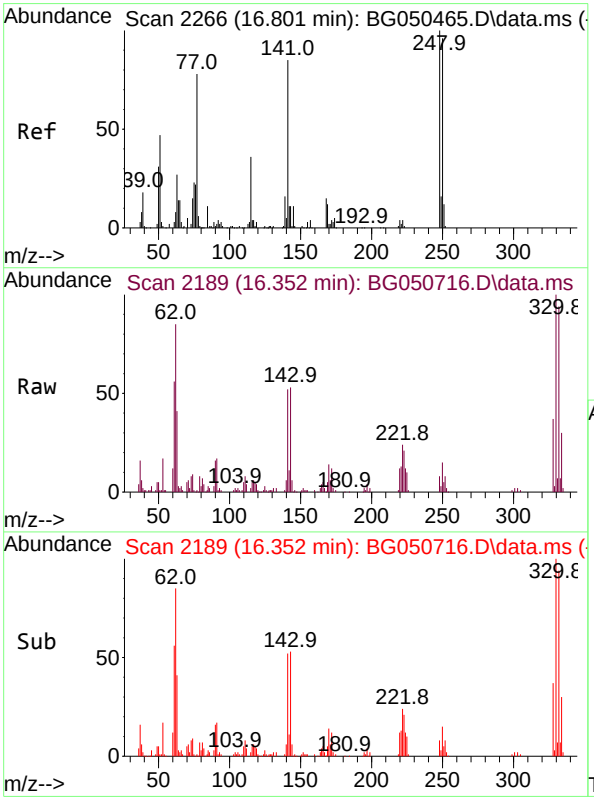


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:188 Resp: 222959

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.4	8.0#
80	11.7	3.7	5.5#

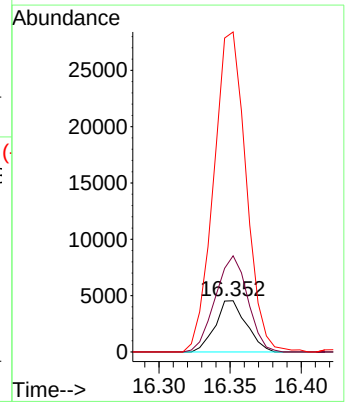




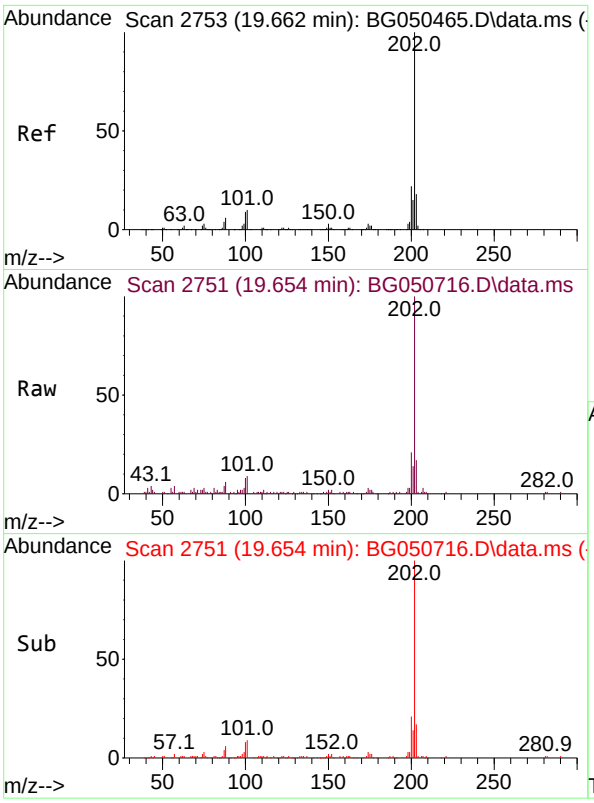
#67
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.449 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:248 Resp: 6906

Ion	Ratio	Lower	Upper
248	100		
250	187.8	76.1	114.1#
141	624.6	65.4	98.2#



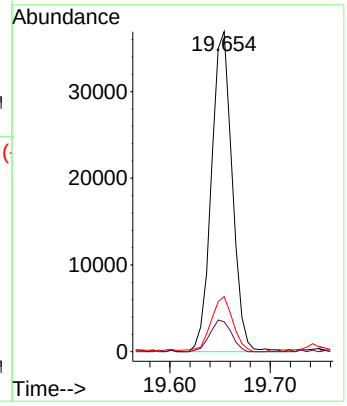
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

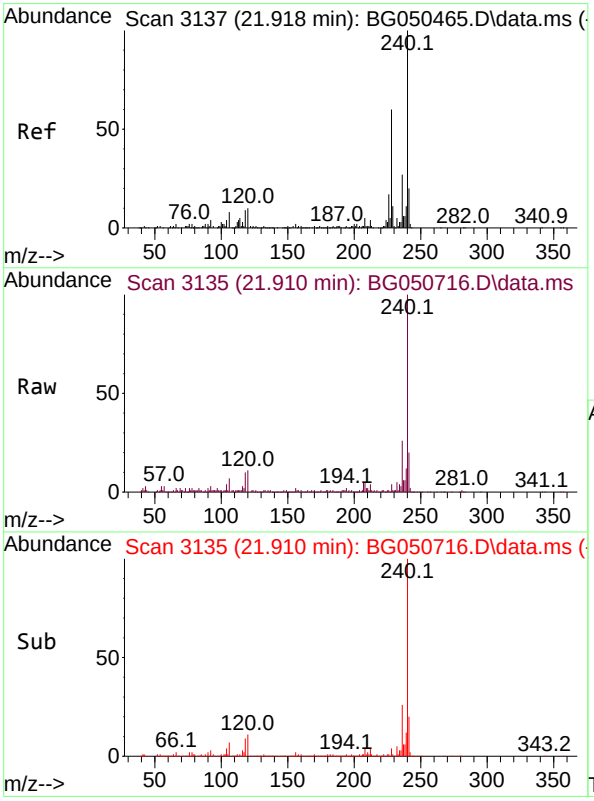


#75
Fluoranthene
Concen: 3.677 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:202 Resp: 53103

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	24.7
203	17.2	0.0	38.5

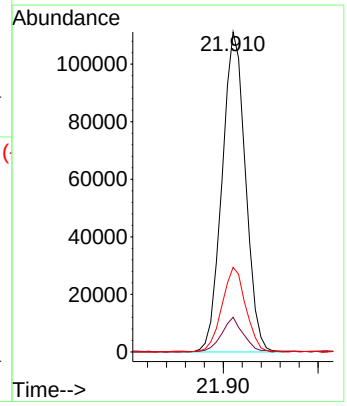




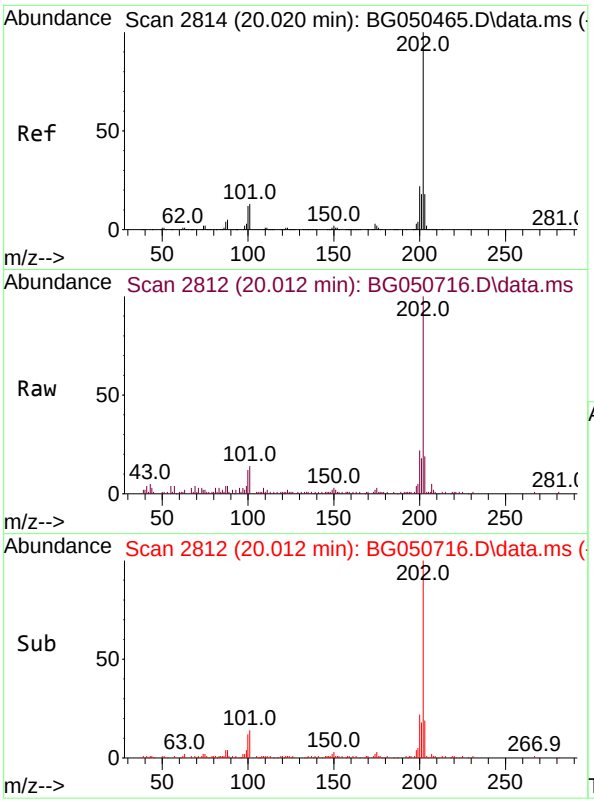
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:240 Resp: 190379

Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.2	6.2#
236	26.5	21.8	32.6



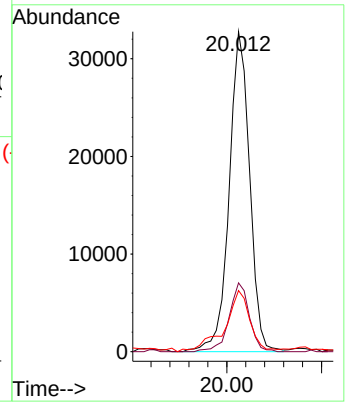
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

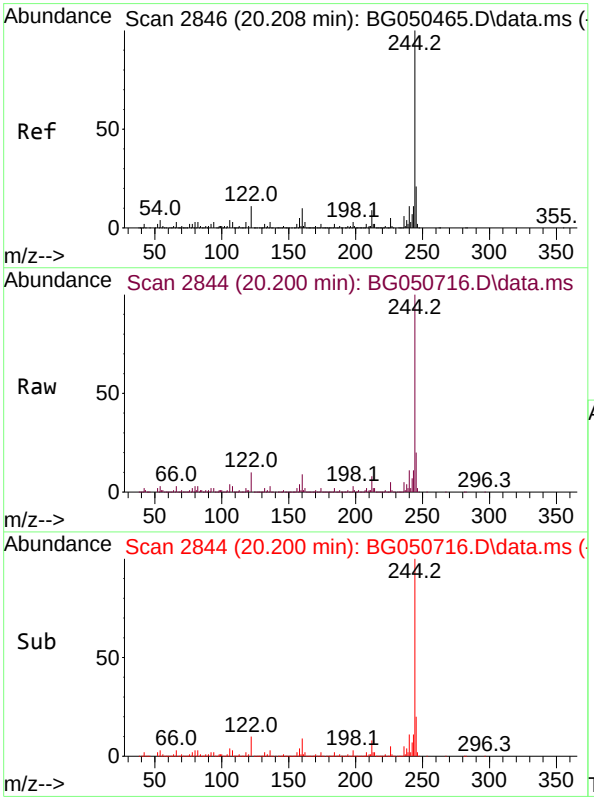


#78
Pyrene
Concen: 3.644 ng
RT: 20.012 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:202 Resp: 49219

Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.8	23.8
203	19.1	14.6	21.8

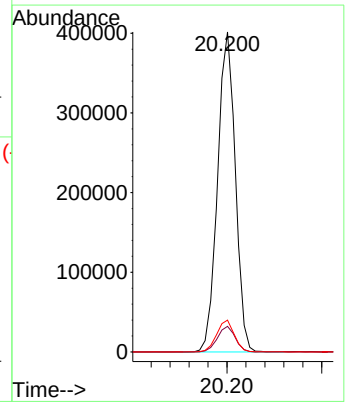




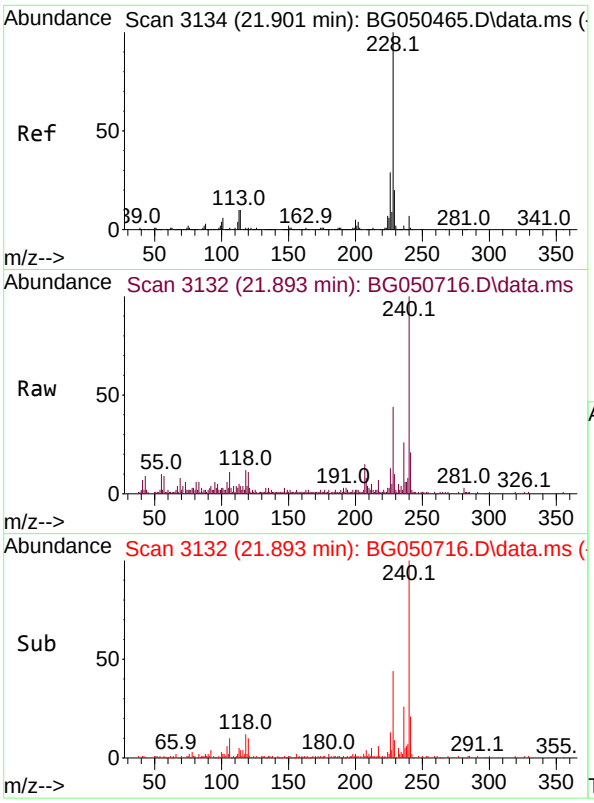
#79
Terphenyl-d14
Concen: 53.391 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:244 Resp: 521577

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	10.0	5.0	7.6#



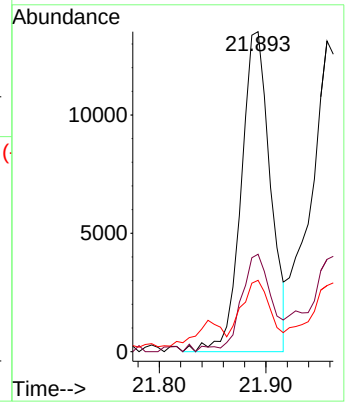
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

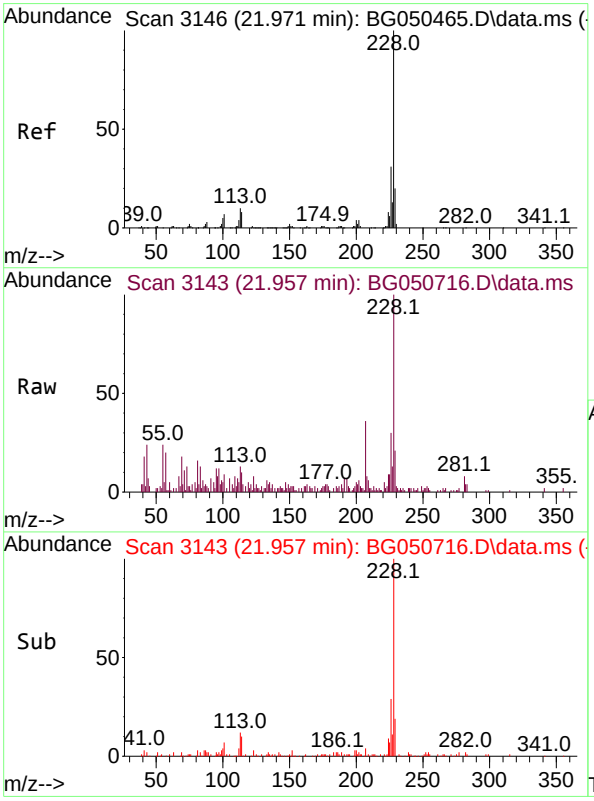


#81
Benzo(a)anthracene
Concen: 2.047 ng
RT: 21.893 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:228 Resp: 25792

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.7	34.1
229	22.3	16.0	24.0

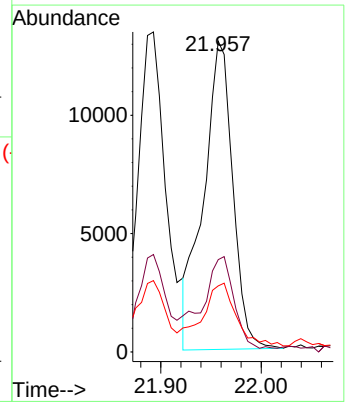




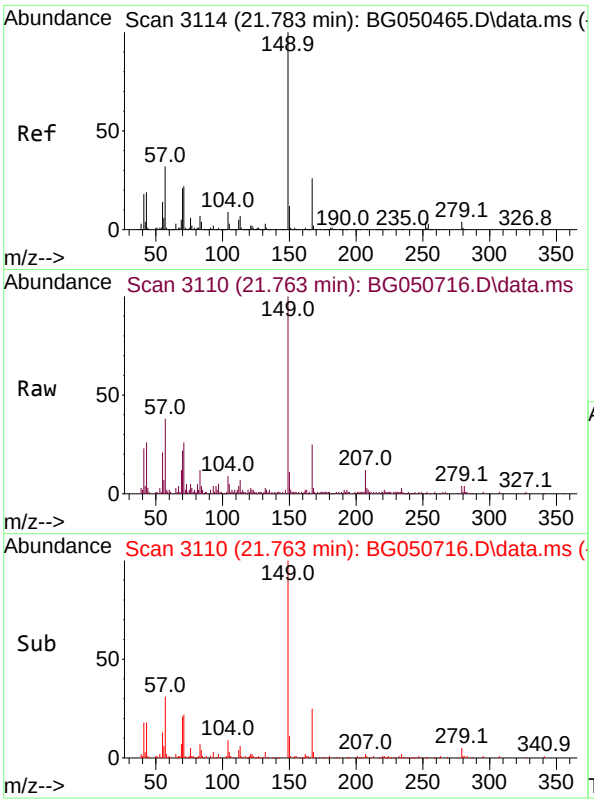
#83
Chrysene
Concen: 2.236 ng
RT: 21.957 min Scan# 3143
Delta R.T. -0.014 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:228 Resp: 26499

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	21.3	15.3	22.9



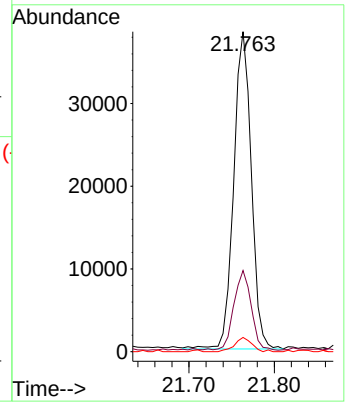
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

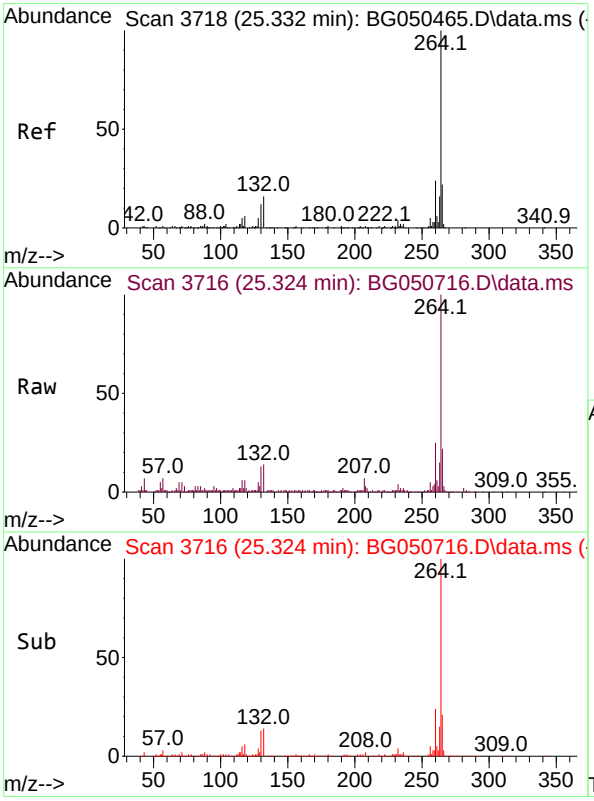


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.781 ng
RT: 21.763 min Scan# 3110
Delta R.T. -0.014 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:149 Resp: 55046

Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.3	33.5
279	4.5	3.8	5.8

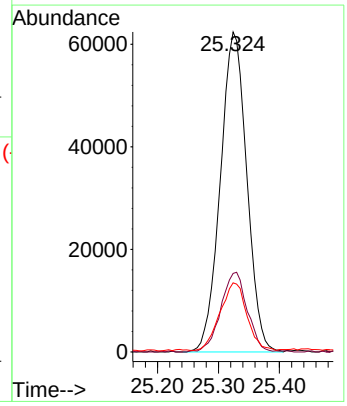




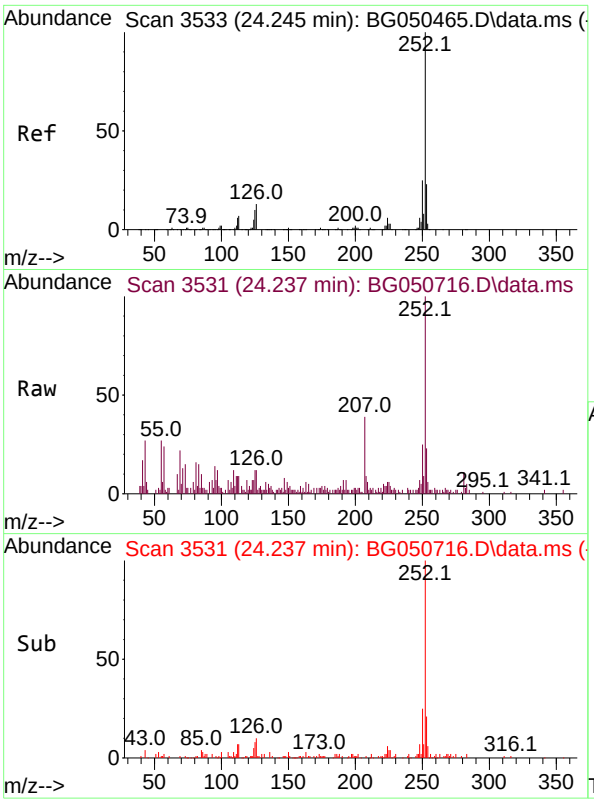
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.324 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:264 Resp: 188113

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	16.9	25.3



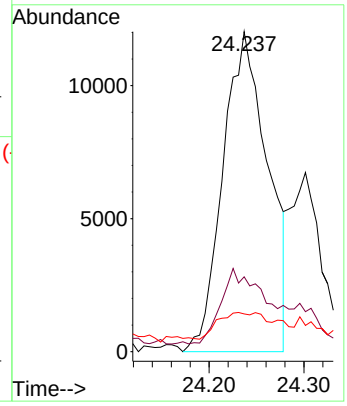
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3

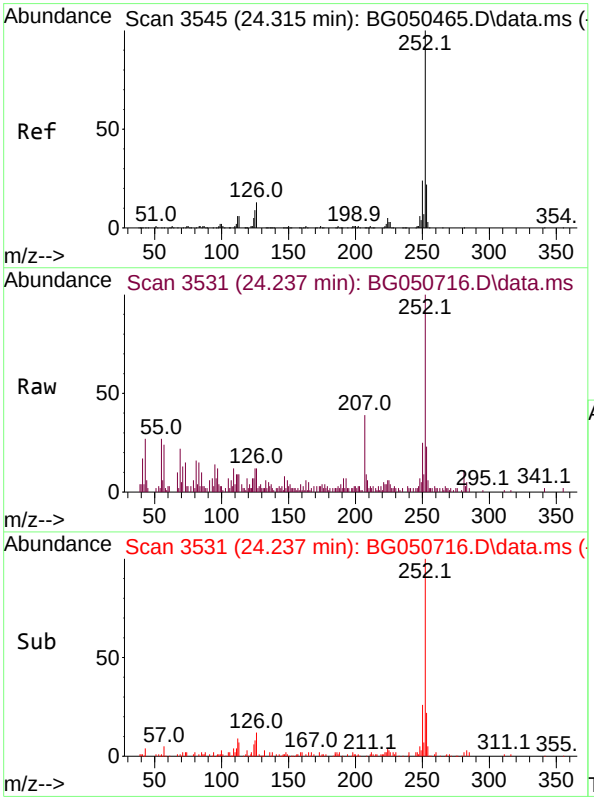


#88
Benzo(b)fluoranthene
Concen: 3.432 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:252 Resp: 39537

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.2	24.4
125	11.8	3.0	4.4#

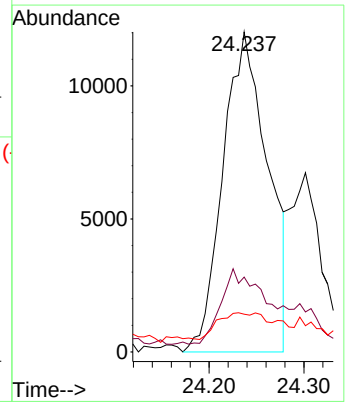


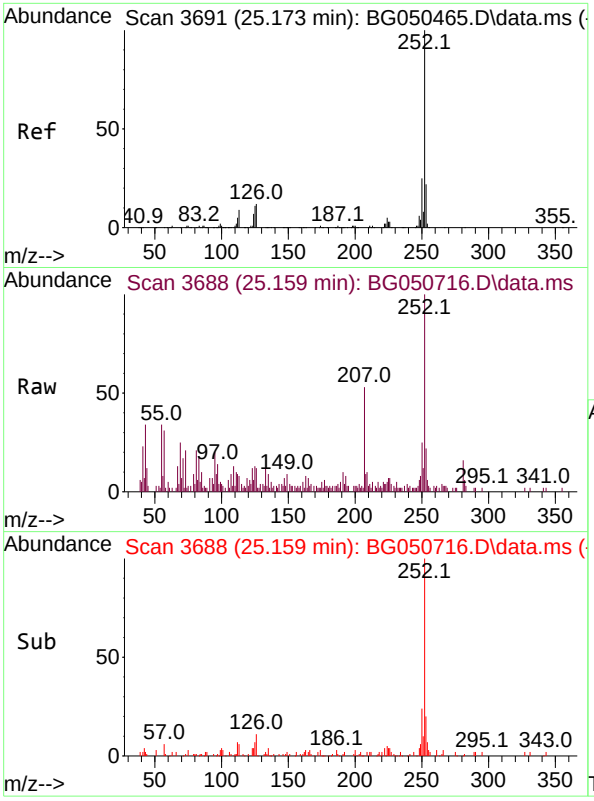


#89
Benzo(k)fluoranthene
Concen: 3.488 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.079 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:252 Resp: 39537

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.8	3.1	4.7#

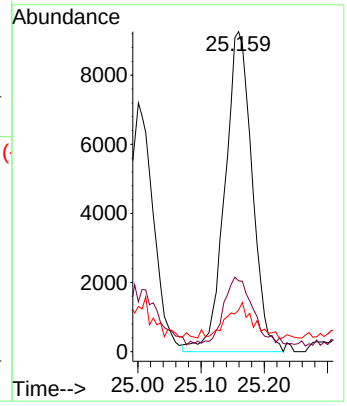




#90
Benzo(a)pyrene
Concen: 2.831 ng
RT: 25.159 min Scan# 3688
Delta R.T. -0.014 min
Lab File: BG050716.D
Acq: 25 Oct 2021 18:45

Tgt Ion:252 Resp: 27733

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	25.0
125	13.0	3.5	5.3#



Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-3