Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050498.D
Acq On : 8 Oct 2021 1:17
Operator : CG/JU
Sample : M4131-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-06(NA)

Quant Time: Oct 08 05:47:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	58153	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	257411	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	169634	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	318281	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	276626	20.000	ng	# 0.00
86) Perylene-d12	25.342	264	277824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	78853	20.279	ng	0.00
7) Phenol-d6	7.392	99	115430	20.503	ng	0.00
23) Nitrobenzene-d5	9.425	82	86886	13.973	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	32096	19.837	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	169938	15.077	ng	0.00
79) Terphenyl-d14	20.212	244	210885	14.857	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.392	77	616	Below Cal	#	46
51) 2,6-Dinitrotoluene	14.877	165	22831	8.890	ng	# 11
57) 2,4-Dinitrotoluene	14.877	165	22831	6.307	ng	# 17
75) Fluoranthene	19.678	202	104121	5.050	ng	94
78) Pyrene	20.024	202	107257	5.465	ng	98
81) Benzo(a)anthracene	21.905	228	60756	3.319	ng	98
83) Chrysene	21.969	228	60675	3.524	ng	93
88) Benzo(b)fluoranthene	24.249	252	92580	5.441	ng	# 89
89) Benzo(k)fluoranthene	24.249	252	92580	5.531	ng	# 93
90) Benzo(a)pyrene	25.177	252	59538	4.116	ng	# 89
92) Benzo(g,h,i)perylene	30.506	276	39746	2.536	ng	# 90

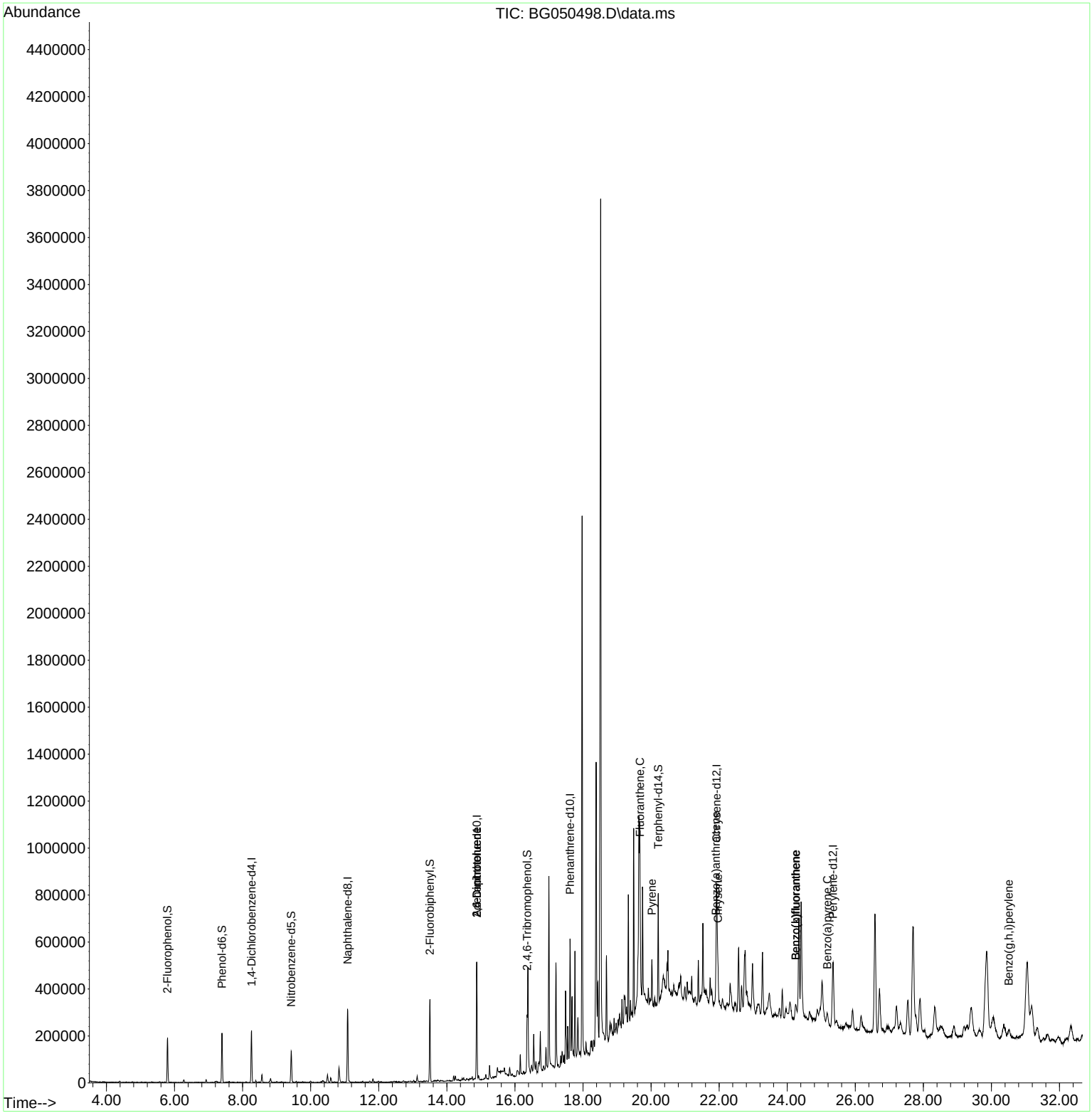
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

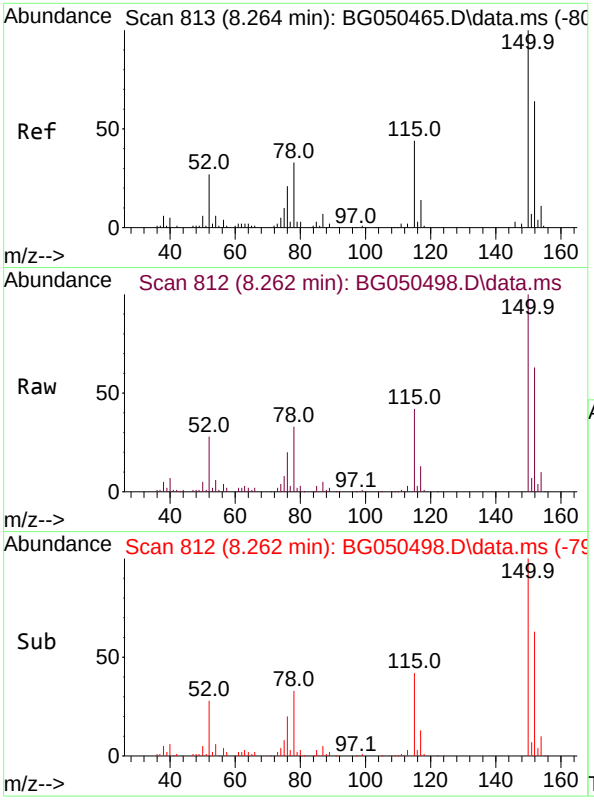
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050498.D
Acq On : 8 Oct 2021 1:17
Operator : CG/JU
Sample : M4131-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

Quant Time: Oct 08 05:47:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration



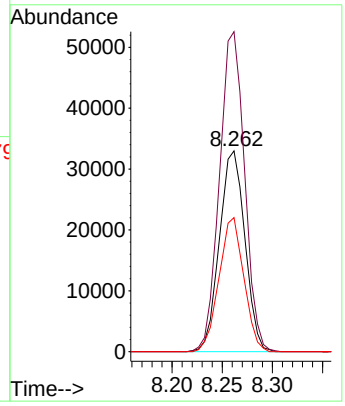
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

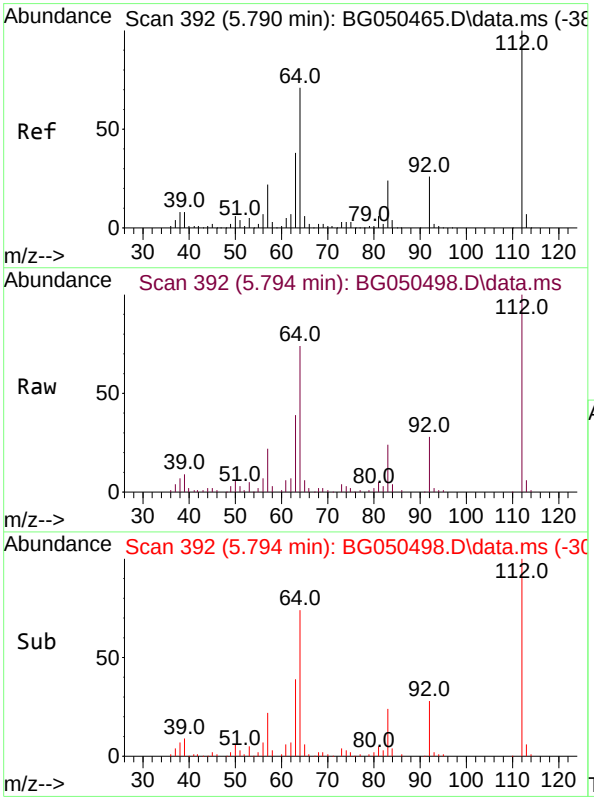


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:152 Resp: 58153

Ion	Ratio	Lower	Upper
152	100		
150	159.4	119.4	179.0
115	66.8	60.2	90.4

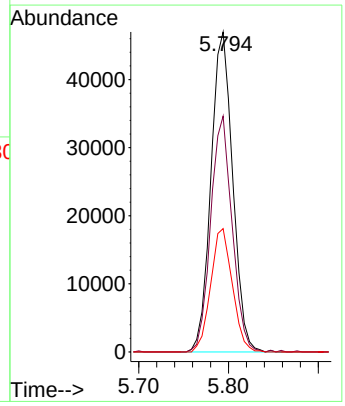




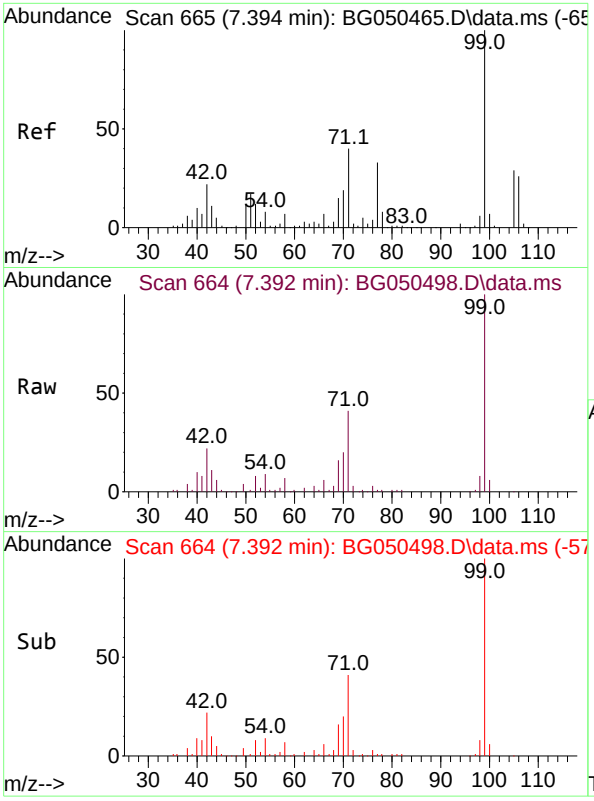
#5
2-Fluorophenol
Concen: 20.279 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:112 Resp: 78853

Ion	Ratio	Lower	Upper
112	100		
64	73.7	46.7	70.1#
63	38.5	35.3	52.9



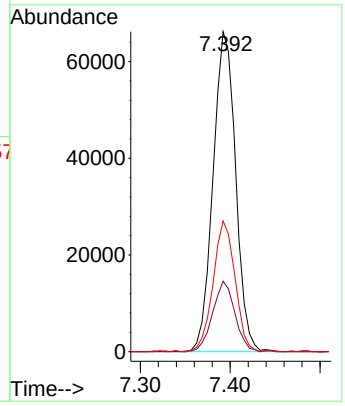
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

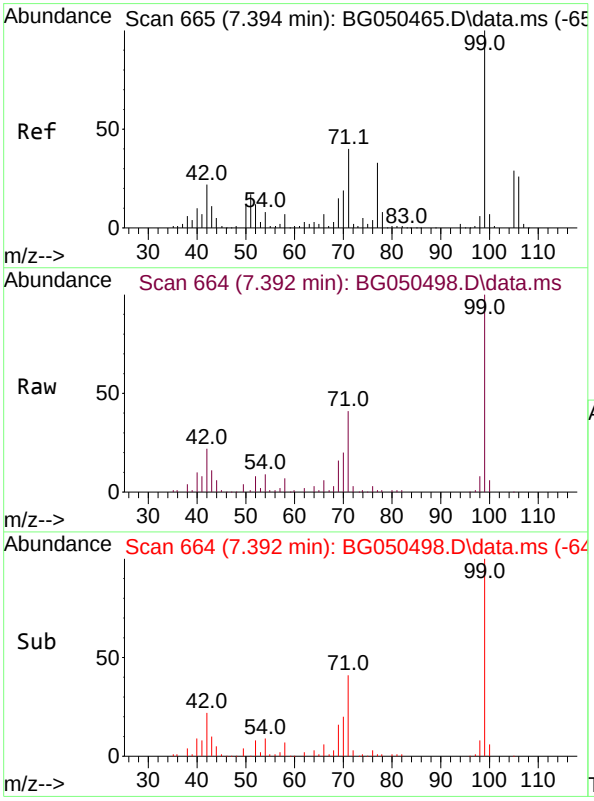


#7
Phenol-d6
Concen: 20.503 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 99 Resp: 115430

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	40.9	41.5	62.3#

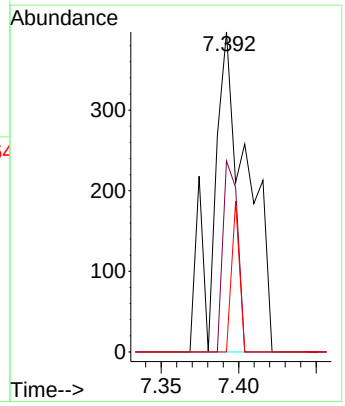




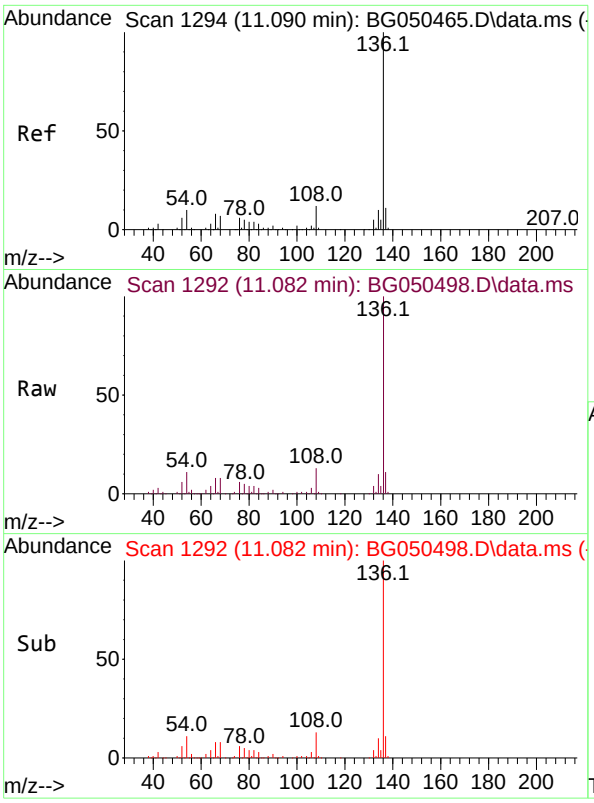
#9
Benzaldehyde
Concen: Below Cal
RT: 7.392 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 77 Resp: 616

Ion	Ratio	Lower	Upper
77	100		
105	59.7	68.8	108.8#
106	0.0	47.9	87.9#



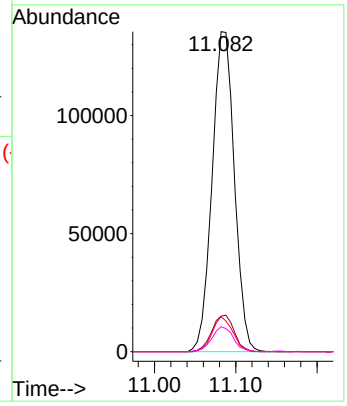
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

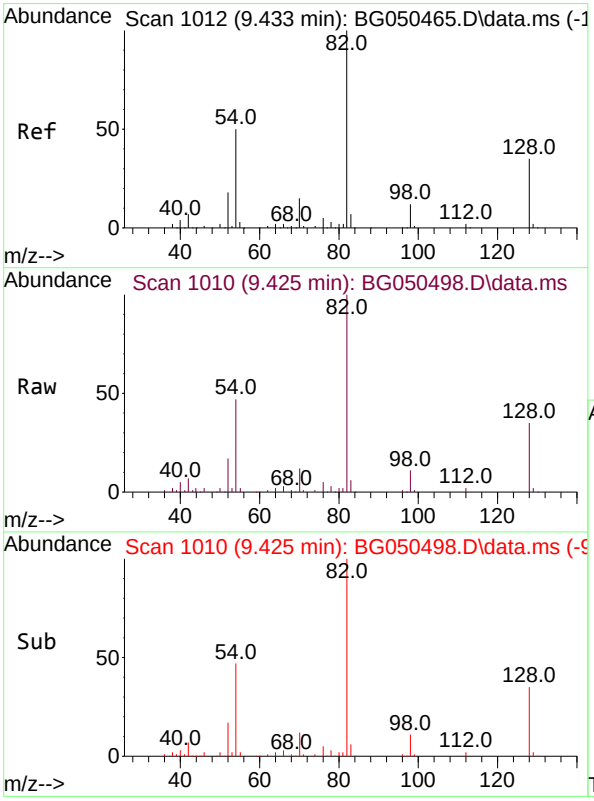


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:136 Resp: 257411

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	10.9	5.5	8.3#
68	7.8	2.3	3.5#

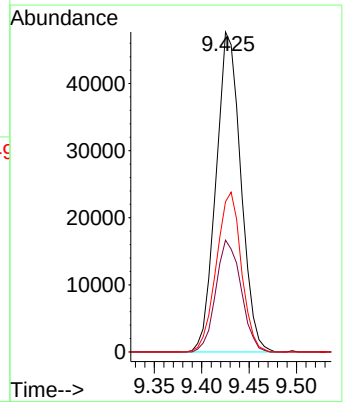




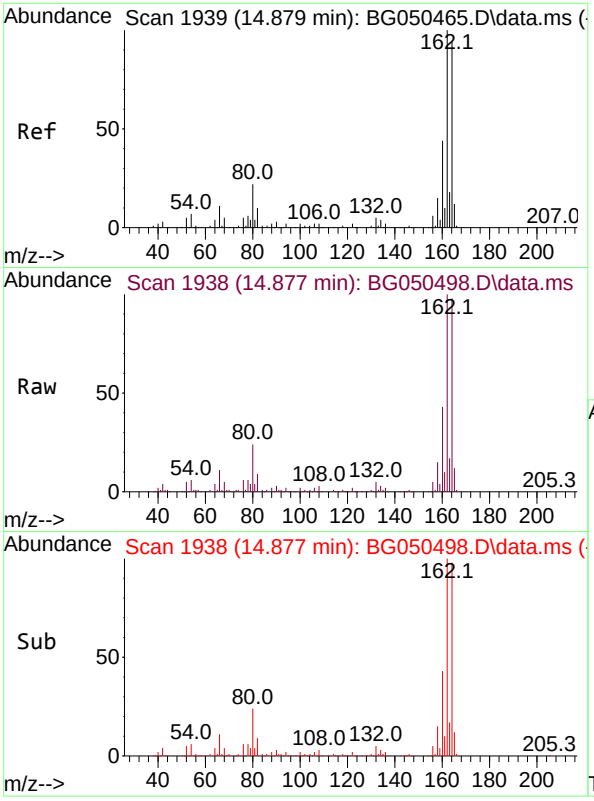
#23
Nitrobenzene-d5
Concen: 13.973 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion: 82 Resp: 86886

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.8	44.6
54	46.9	45.8	68.8



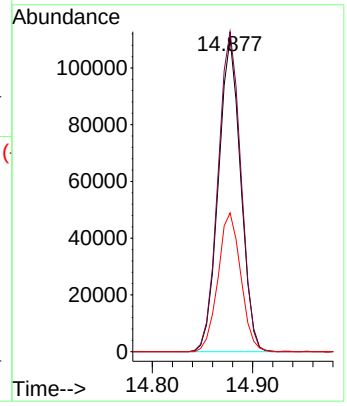
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

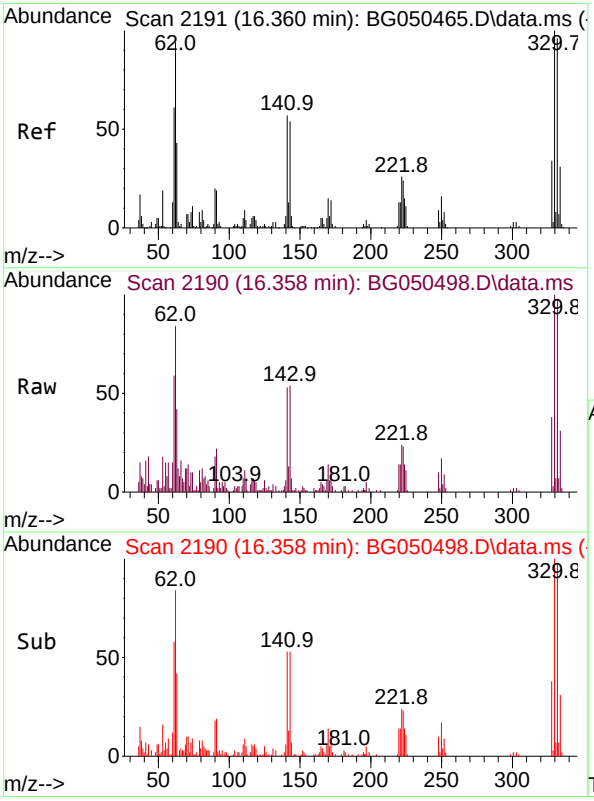


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:164 Resp: 169634

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	44.2	34.9	52.3

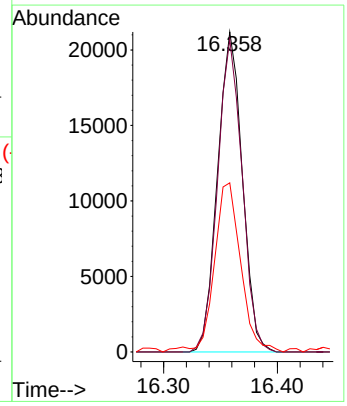




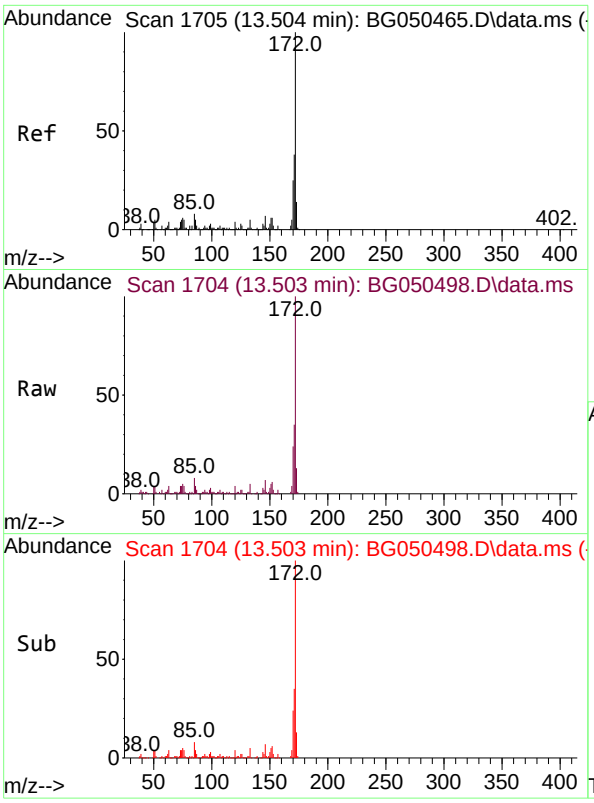
#42
2,4,6-Tribromophenol
Concen: 19.837 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:330 Resp: 32096

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	56.3	35.6	53.4#



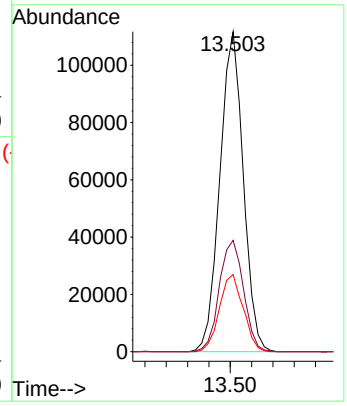
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

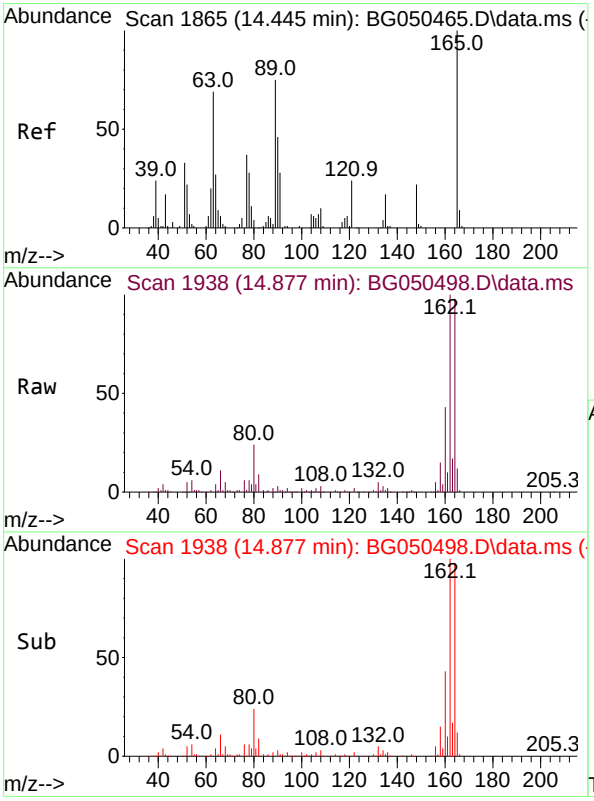


#45
2-Fluorobiphenyl
Concen: 15.077 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:172 Resp: 169938

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	24.1	18.6	27.8

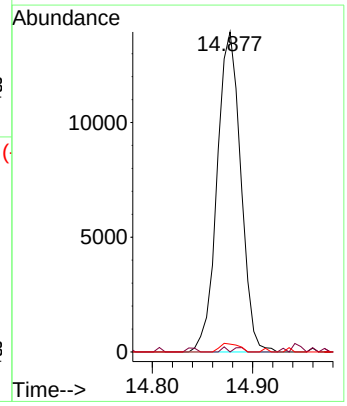




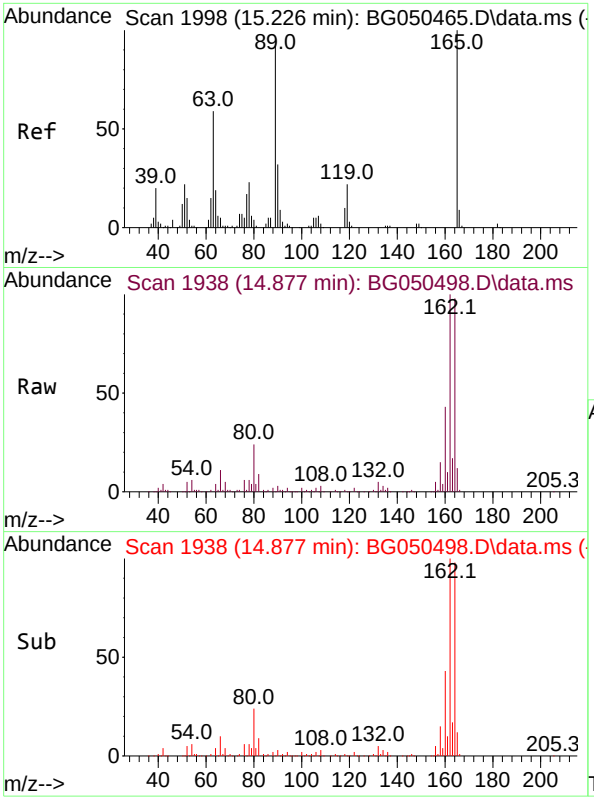
#51
2,6-Dinitrotoluene
Concen: 8.890 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.433 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:165 Resp: 22831

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.4	63.4	95.0#



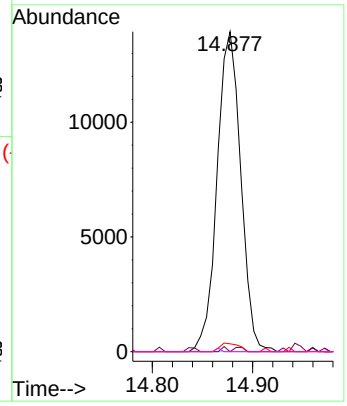
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

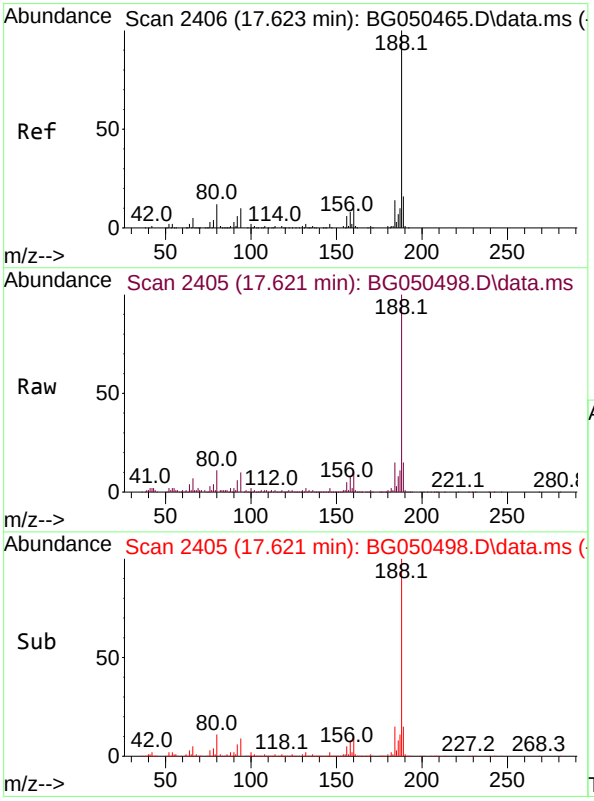


#57
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:165 Resp: 22831

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.4	65.4	98.0#
182	0.0	2.0	3.0#

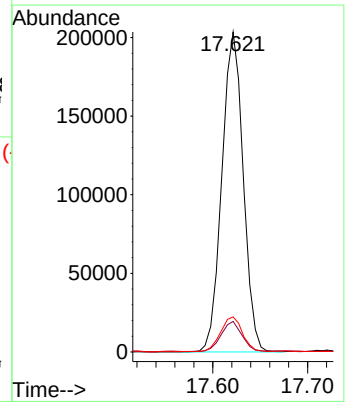




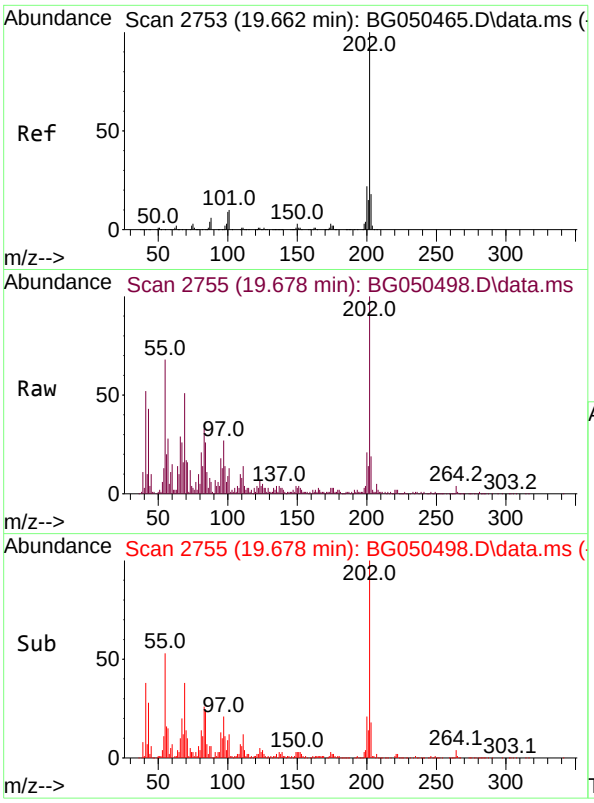
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:188 Resp: 318281

Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.4	8.0#
80	10.9	3.7	5.5#



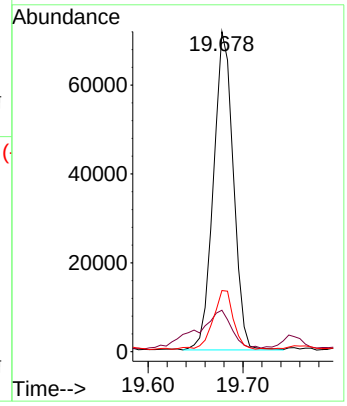
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

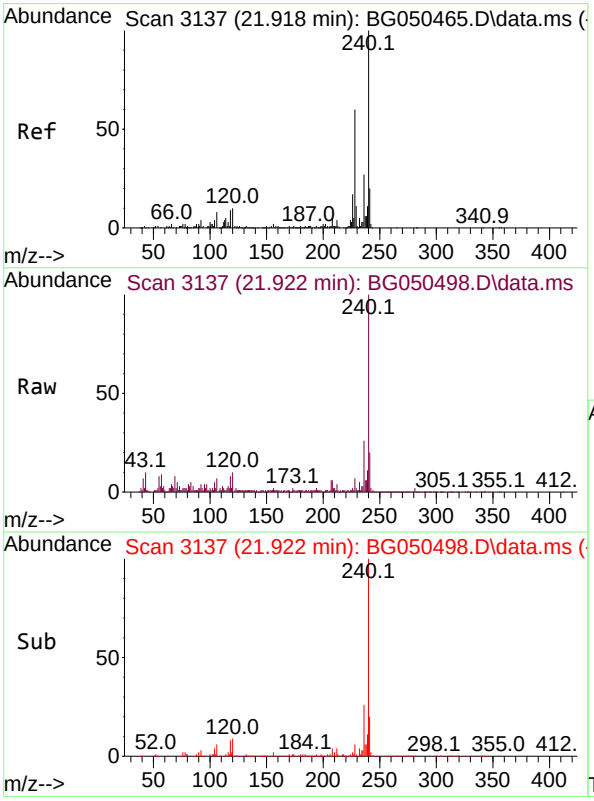


#75
Fluoranthene
Concen: 5.050 ng
RT: 19.678 min Scan# 2755
Delta R.T. 0.016 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:202 Resp: 104121

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	24.7
203	19.1	0.0	38.5

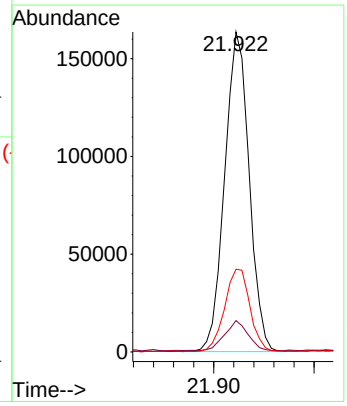




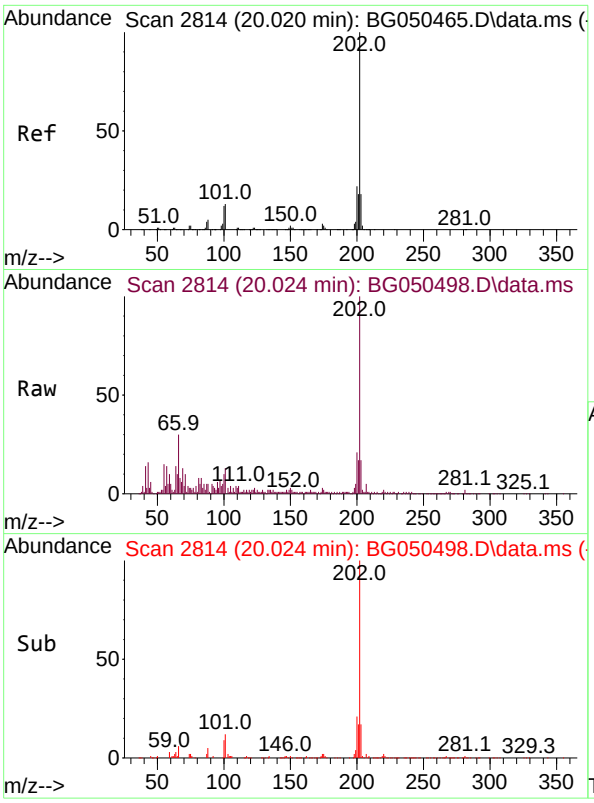
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:240 Resp: 276626

Ion	Ratio	Lower	Upper
240	100		
120	9.8	4.2	6.2#
236	25.8	21.8	32.6



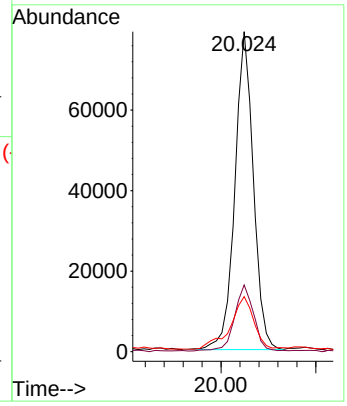
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

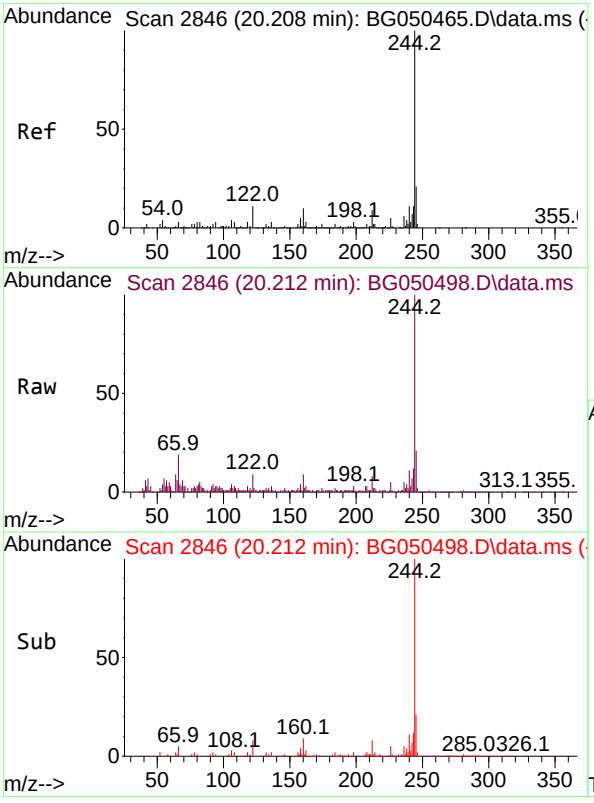


#78
Pyrene
Concen: 5.465 ng
RT: 20.024 min Scan# 2814
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:202 Resp: 107257

Ion	Ratio	Lower	Upper
202	100		
200	20.9	15.8	23.8
203	17.2	14.6	21.8

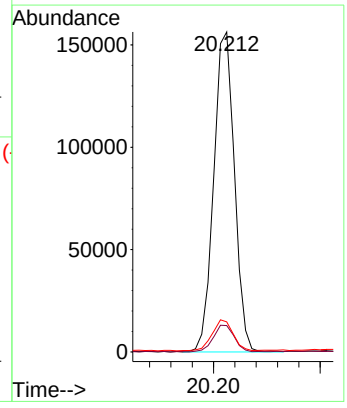




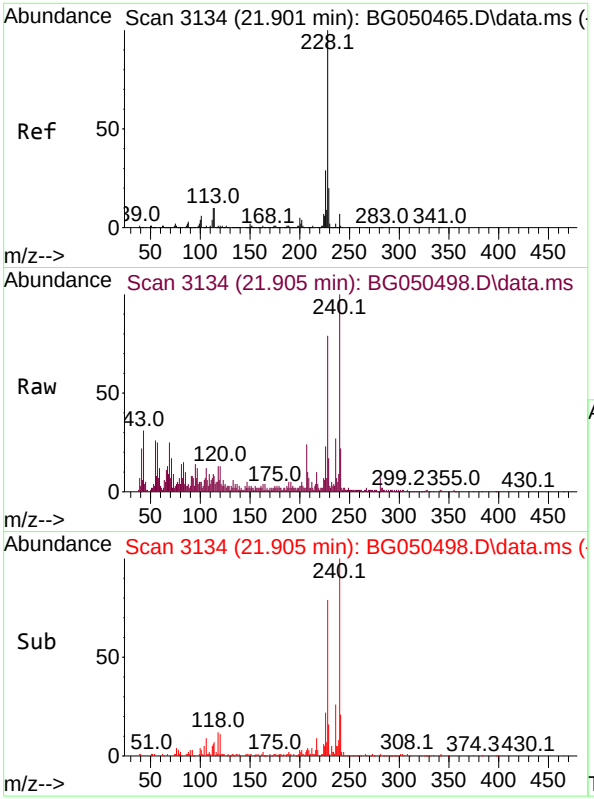
#79
Terphenyl-d14
Concen: 14.857 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:244 Resp: 210885

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	9.4	5.0	7.6#



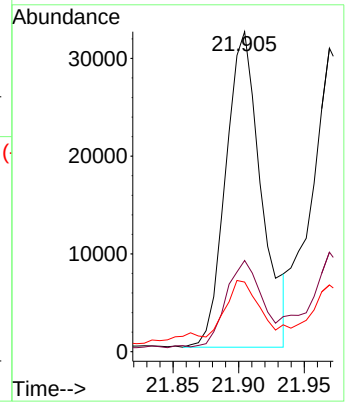
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

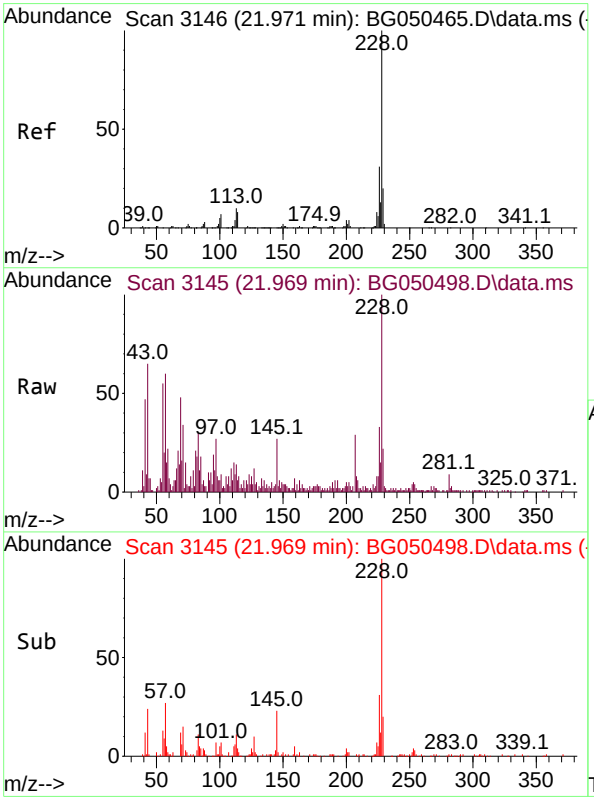


#81
Benzo(a)anthracene
Concen: 3.319 ng
RT: 21.905 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:228 Resp: 60756

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.8	16.0	24.0

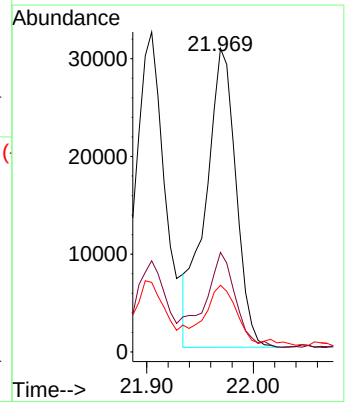




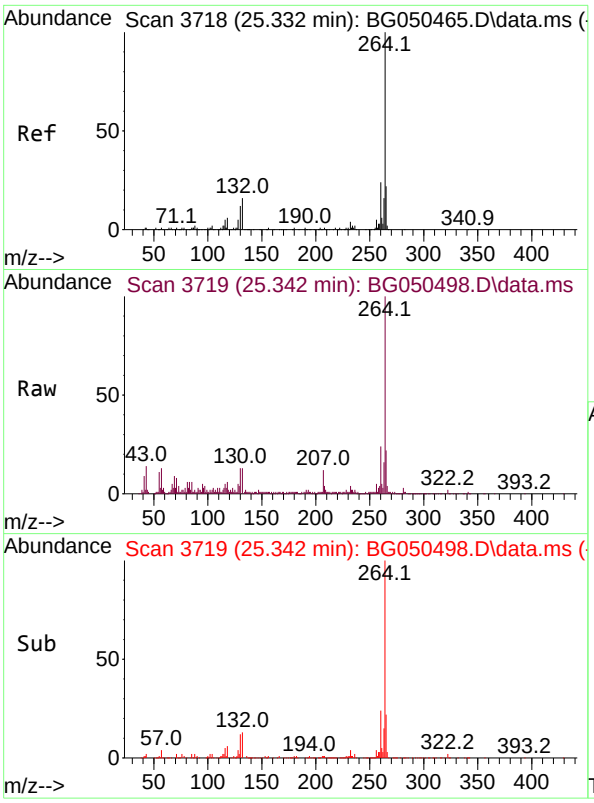
#83
Chrysene
Concen: 3.524 ng
RT: 21.969 min Scan# 3145
Delta R.T. -0.002 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:228 Resp: 60675

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.1	34.7
229	22.0	15.3	22.9



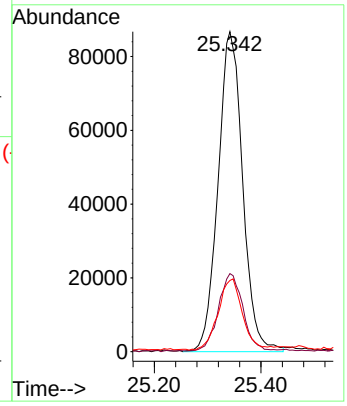
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

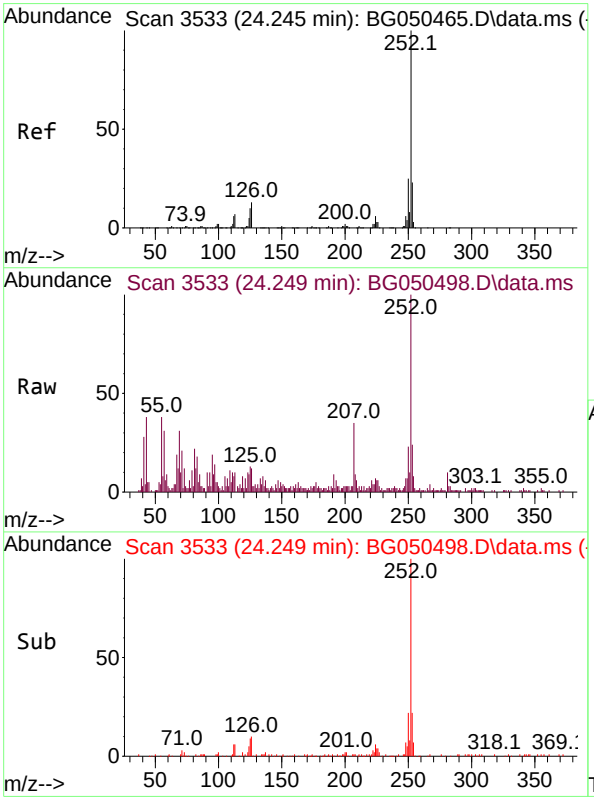


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.010 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:264 Resp: 277824

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.3	16.9	25.3

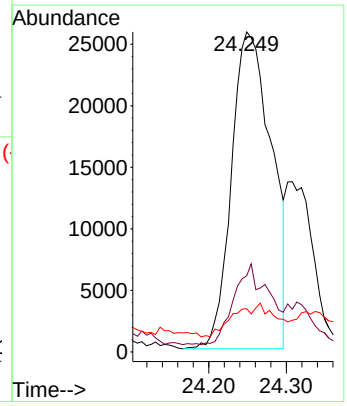




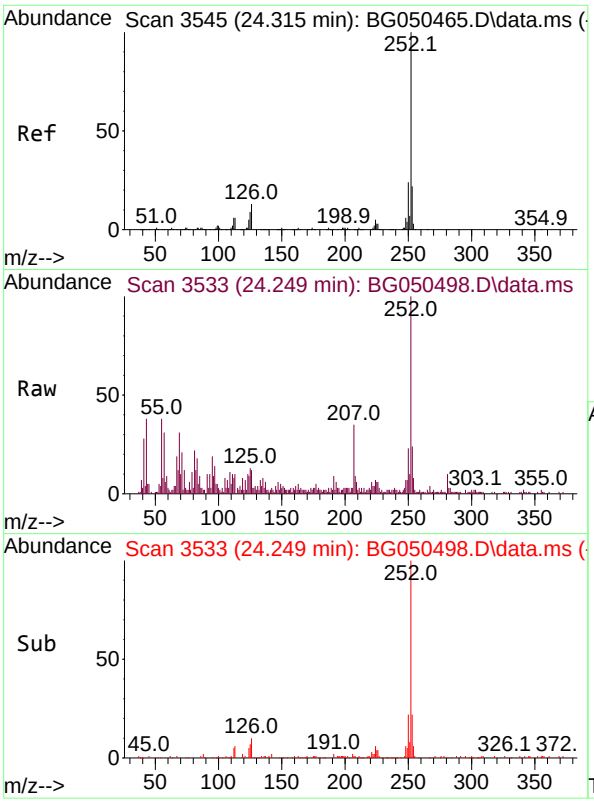
#88
Benzo(b)fluoranthene
Concen: 5.441 ng
RT: 24.249 min Scan# 3533
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:252 Resp: 92580

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.2	24.4
125	13.5	3.0	4.4#



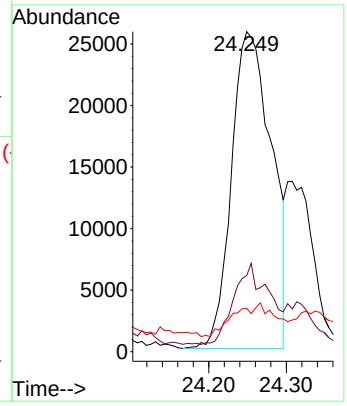
Instrument :
BNA_G
ClientSampleId :
SS-06(NA)

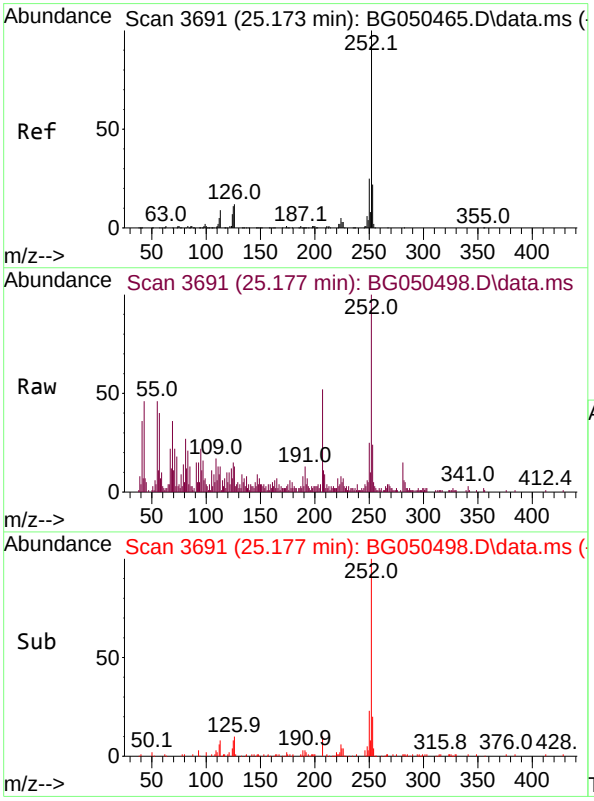


#89
Benzo(k)fluoranthene
Concen: 5.531 ng
RT: 24.249 min Scan# 3533
Delta R.T. -0.067 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:252 Resp: 92580

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.5	3.1	4.7#

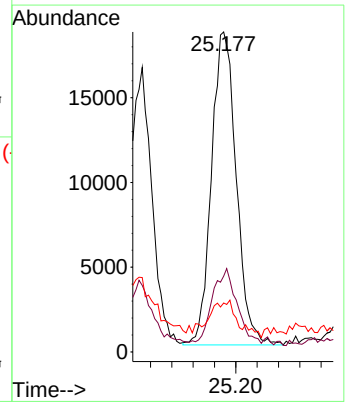


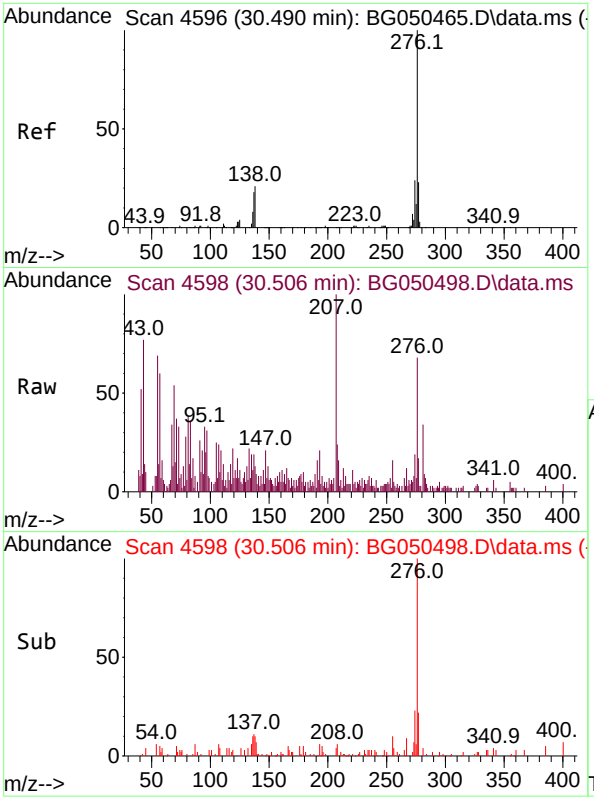


#90
Benzo(a)pyrene
Concen: 4.116 ng
RT: 25.177 min Scan# 3691
Delta R.T. 0.004 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:252 Resp: 59538

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.6	25.0
125	15.3	3.5	5.3#

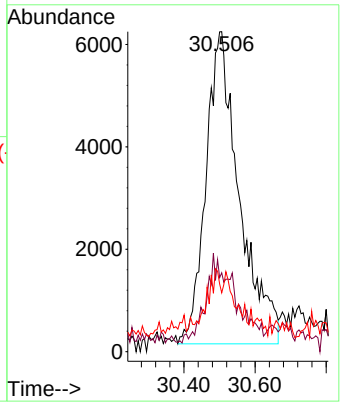




#92
Benzo(g,h,i)perylene
Concen: 2.536 ng
RT: 30.506 min Scan# 4598
Delta R.T. 0.016 min
Lab File: BG050498.D
Acq: 8 Oct 2021 1:17

Tgt Ion:276 Resp: 39746

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	18.4	7.0	10.6#



Instrument :
BNA_G
ClientSampleId :
SS-06(NA)