Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054949.D
Acq On : 14 Sep 2022 18:46
Operator : CG/JU
Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Quant Time: Sep 15 03:22:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	53780	20.000	ng	0.00
21) Naphthalene-d8	10.962	136	219627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	143691	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	294821	20.000	ng	0.00
76) Chrysene-d12	21.814	240	278585	20.000	ng	0.00
86) Perylene-d12	25.192	264	300798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	57817	18.721	ng	0.00
7) Phenol-d6	7.289	99	79302	18.776	ng	0.00
23) Nitrobenzene-d5	9.311	82	45519	10.880	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	29358	16.351	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	123032	12.869	ng	0.00
79) Terphenyl-d14	20.116	244	180869	12.864	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.769	165	19280	8.515	ng	# 20
57) 2,4-Dinitrotoluene	14.769	165	19280	6.156	ng	# 18
71) Phenanthrene	17.566	178	91313	5.814	ng	96
75) Fluoranthene	19.569	202	204630	10.711	ng	98
78) Pyrene	19.933	202	211520	10.889	ng	98
81) Benzo(a)anthracene	21.790	228	115589	6.119	ng	98
83) Chrysene	21.861	228	100412	5.560	ng	98
87) Indeno(1,2,3-cd)pyrene	29.076	276	61633	2.699	ng	# 94
88) Benzo(b)fluoranthene	24.111	252	128053	6.786	ng	96
89) Benzo(k)fluoranthene	24.111	252	128053	6.743	ng	96
90) Benzo(a)pyrene	25.027	252	104174	6.462	ng	99
92) Benzo(g,h,i)perylene	30.304	276	68599	3.650	ng	95

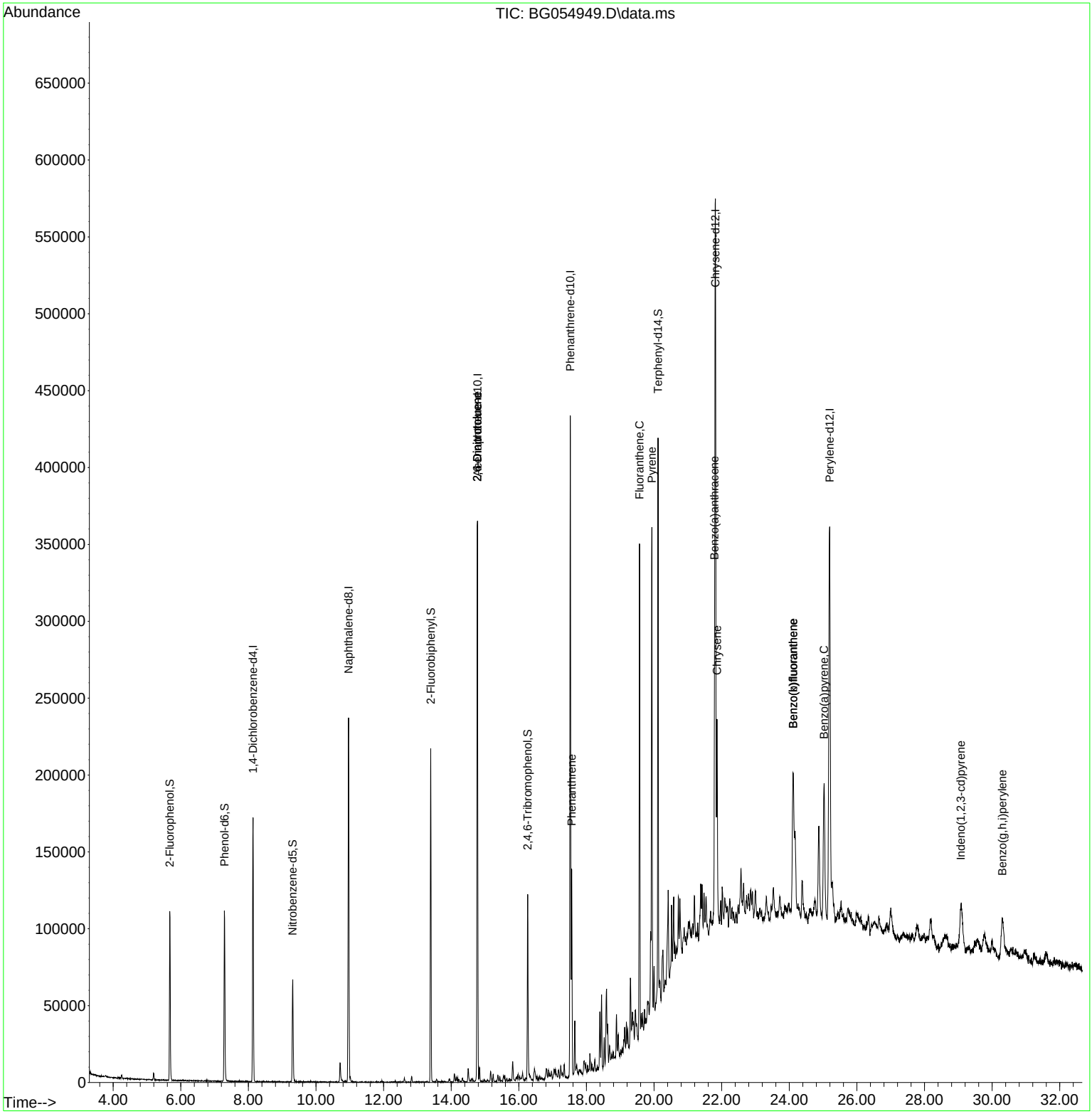
(#) = qualifier out of range (m) = manual integration (+) = signals summed

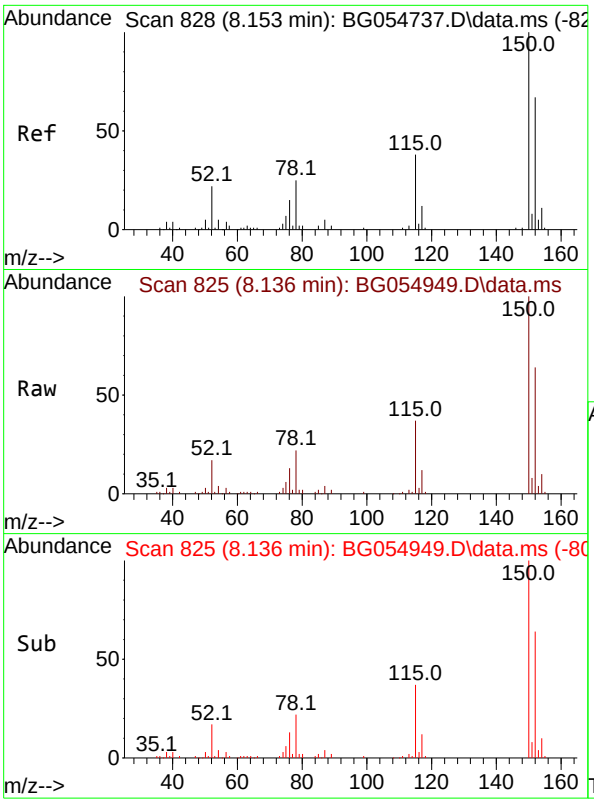
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054949.D
Acq On : 14 Sep 2022 18:46
Operator : CG/JU
Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Quant Time: Sep 15 03:22:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration



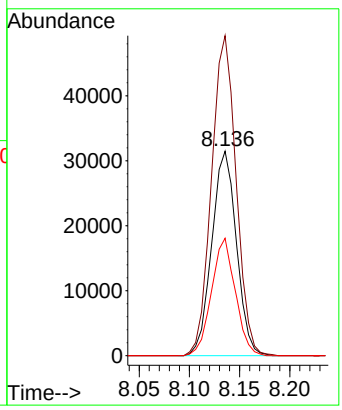


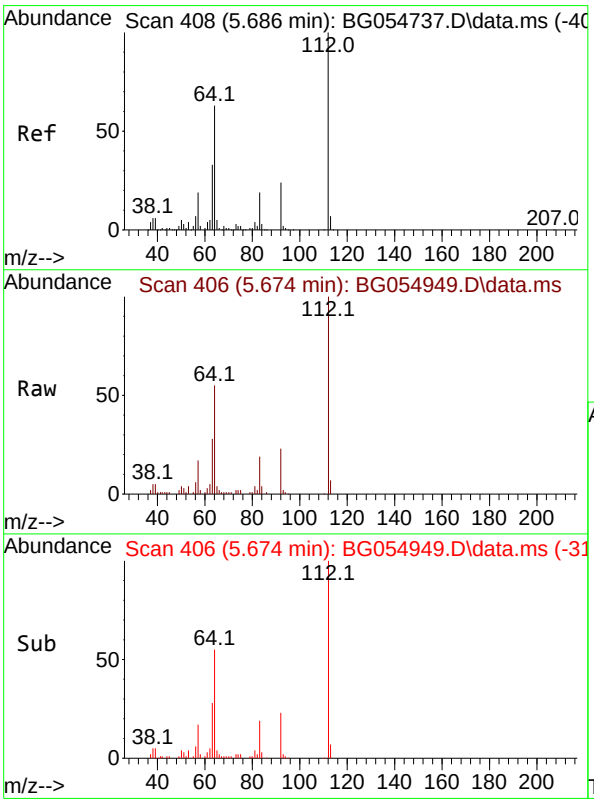
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.136 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:152 Resp: 53780

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.2	187.8
115	57.4	47.9	71.9

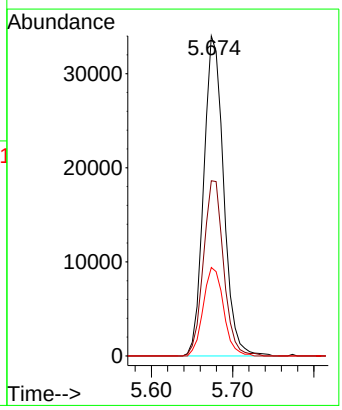


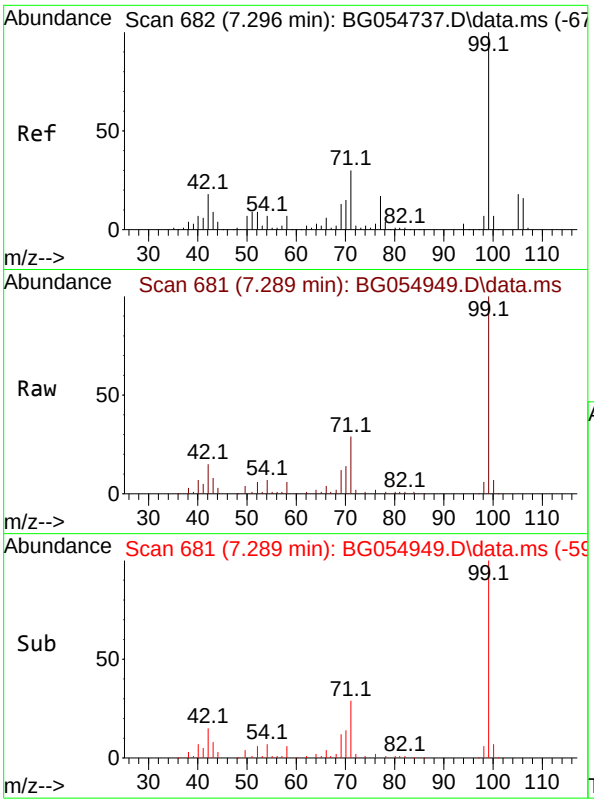


#5
2-Fluorophenol
Concen: 18.721 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:112 Resp: 57817

Ion	Ratio	Lower	Upper
112	100		
64	54.8	49.3	73.9
63	27.6	26.3	39.5



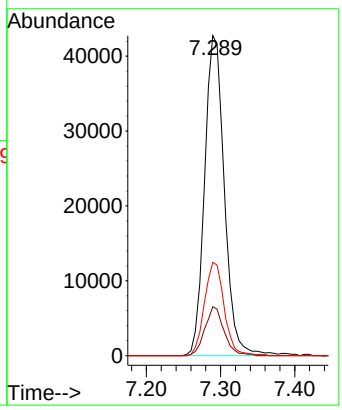


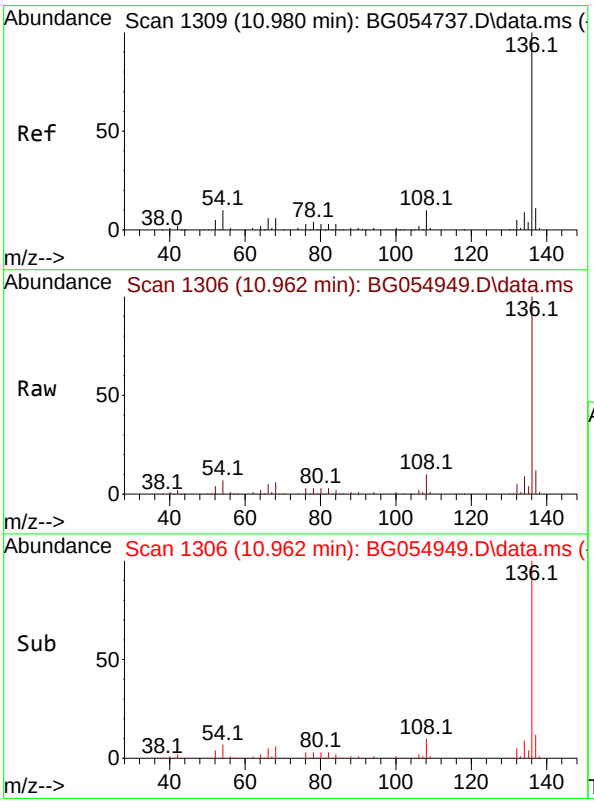
#7
Phenol-d6
Concen: 18.776 ng
RT: 7.289 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion: 99 Resp: 79302

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.6	22.0
71	29.1	24.6	37.0

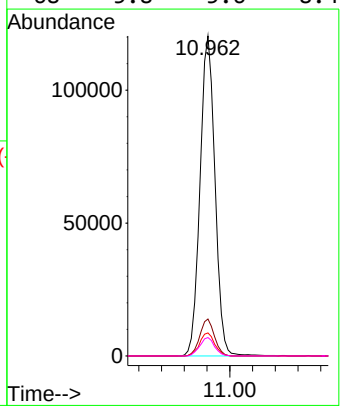


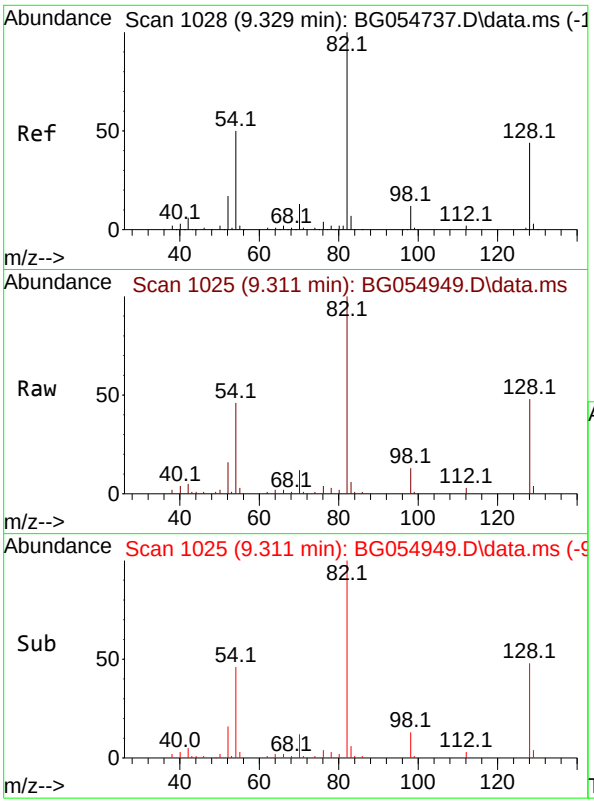


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.962 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:136 Resp: 219627

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.2	7.7	11.5#
68	5.8	5.6	8.4



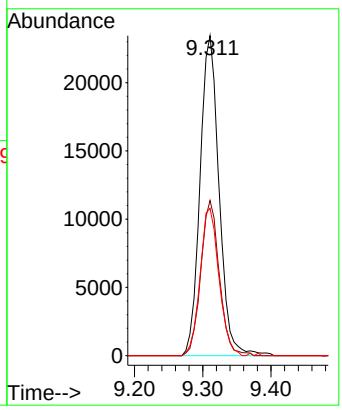


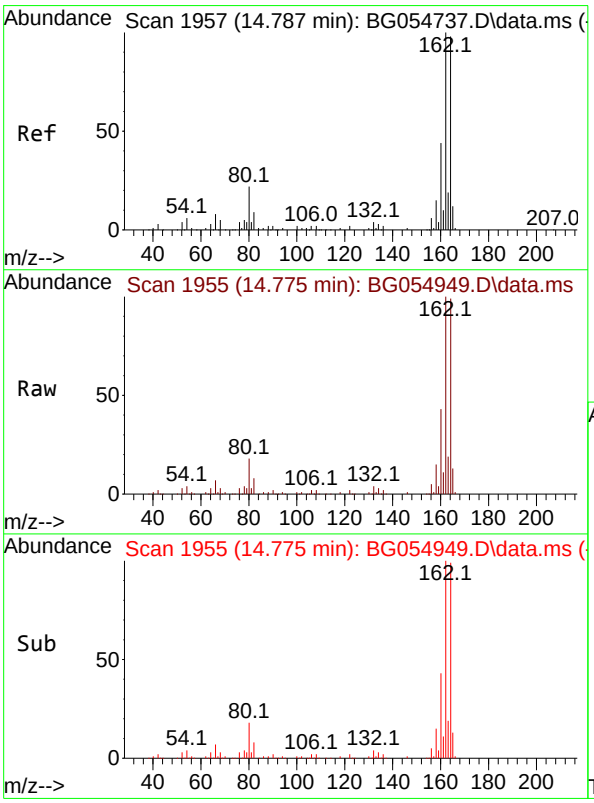
#23
Nitrobenzene-d5
Concen: 10.880 ng
RT: 9.311 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion: 82 Resp: 45519

Ion	Ratio	Lower	Upper
82	100		
128	48.5	32.2	48.2#
54	46.0	41.4	62.0

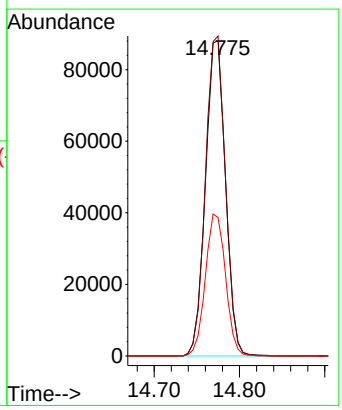


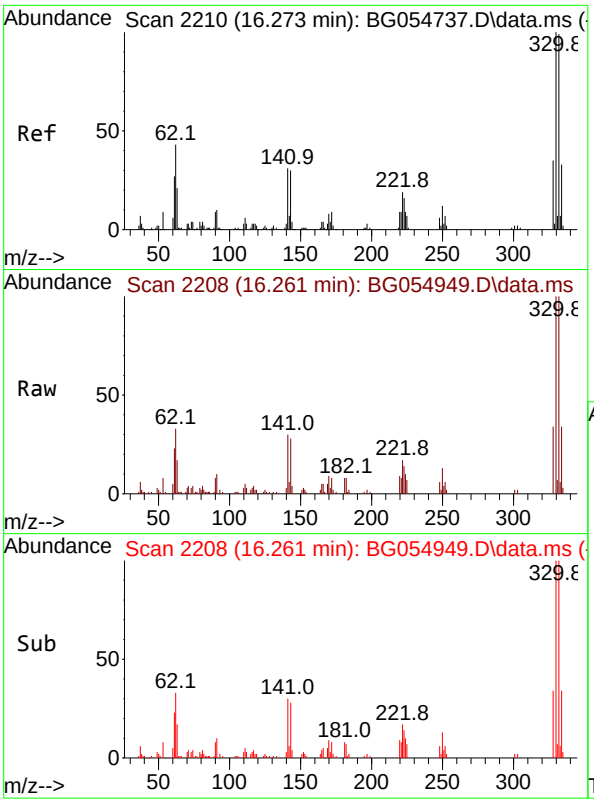


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:164 Resp: 143691

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.4
160	43.9	38.0	57.0



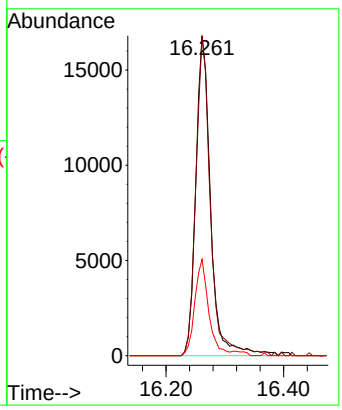


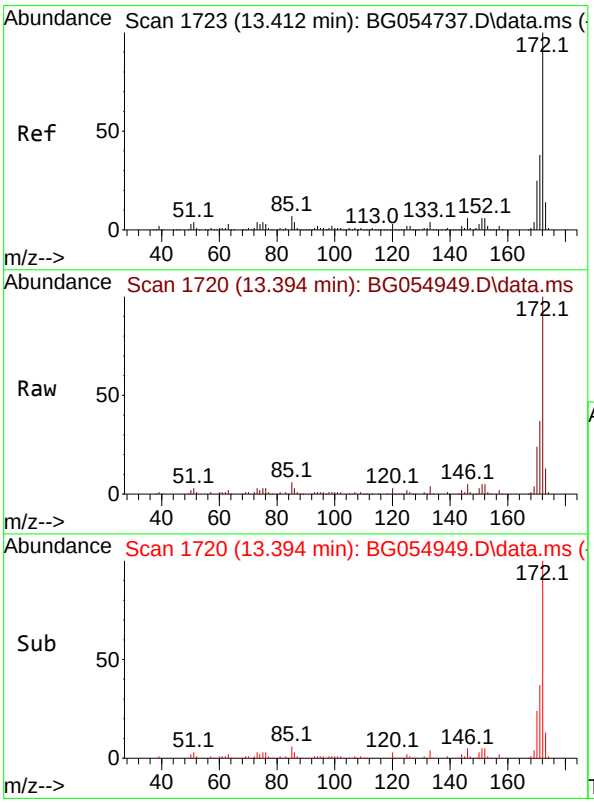
#42
2,4,6-Tribromophenol
Concen: 16.351 ng
RT: 16.261 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:330 Resp: 29358

Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.8	119.6
141	28.2	26.8	40.2

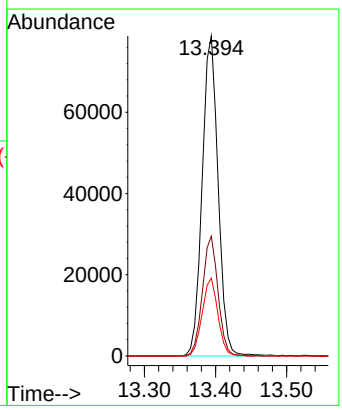


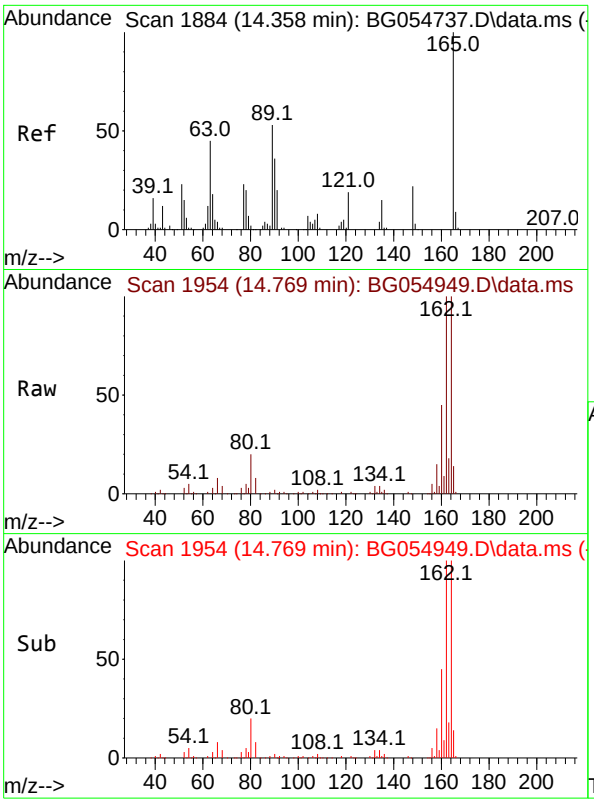


#45
2-Fluorobiphenyl
Concen: 12.869 ng
RT: 13.394 min Scan# 1720
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:172 Resp: 123032

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.2	46.8
170	24.4	20.6	30.8



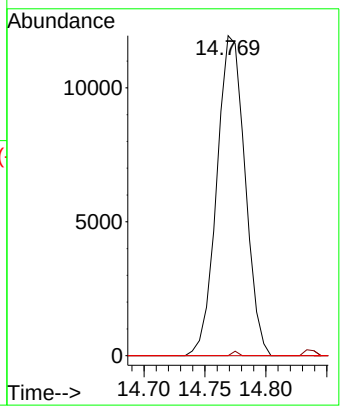


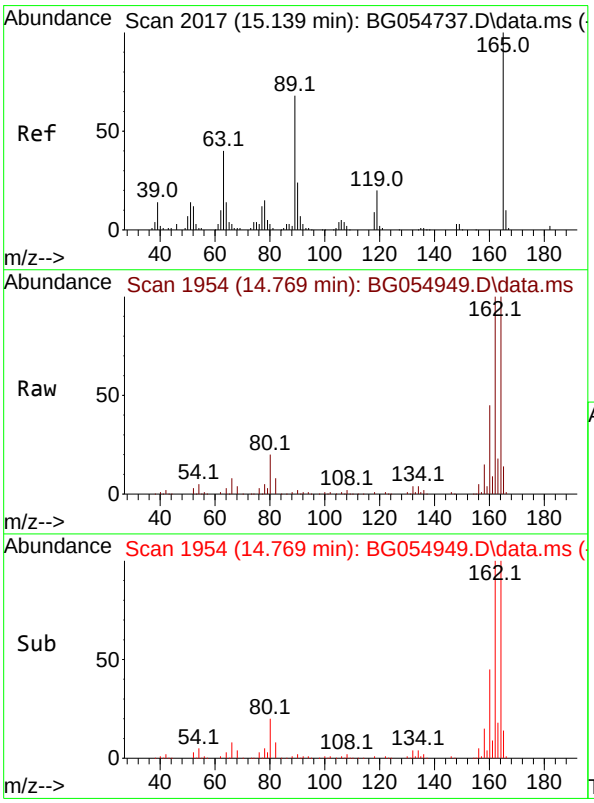
#51
2,6-Dinitrotoluene
Concen: 8.515 ng
RT: 14.769 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:165 Resp: 19280

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	50.3	75.5#

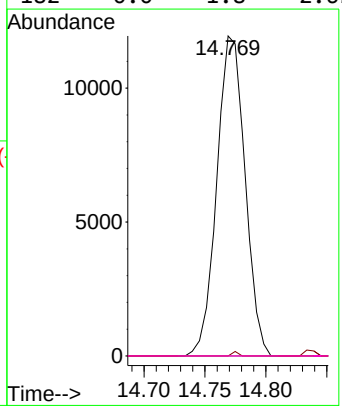


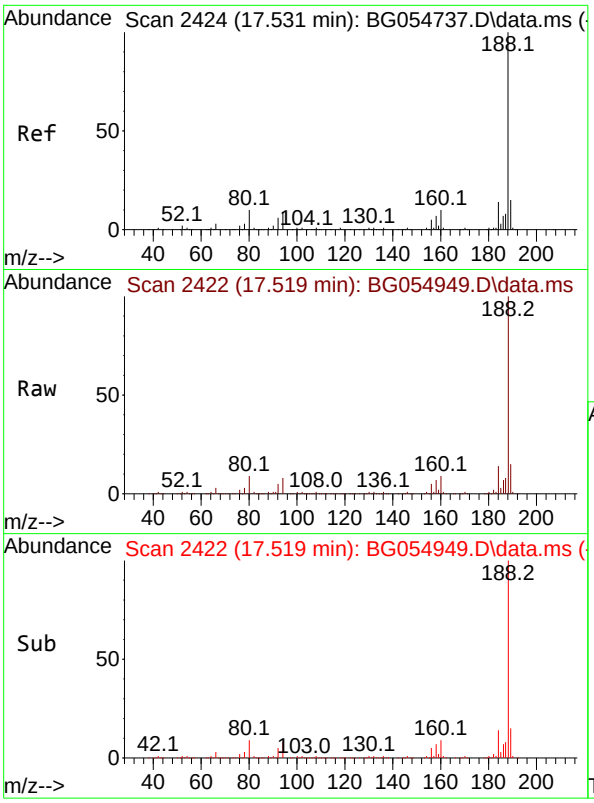


#57
2,4-Dinitrotoluene
Concen: 6.156 ng
RT: 14.769 min Scan# 1954
Delta R.T. -0.369 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:165 Resp: 19280

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



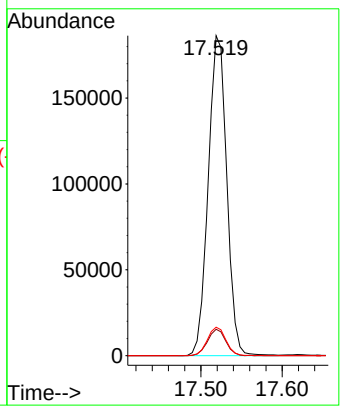


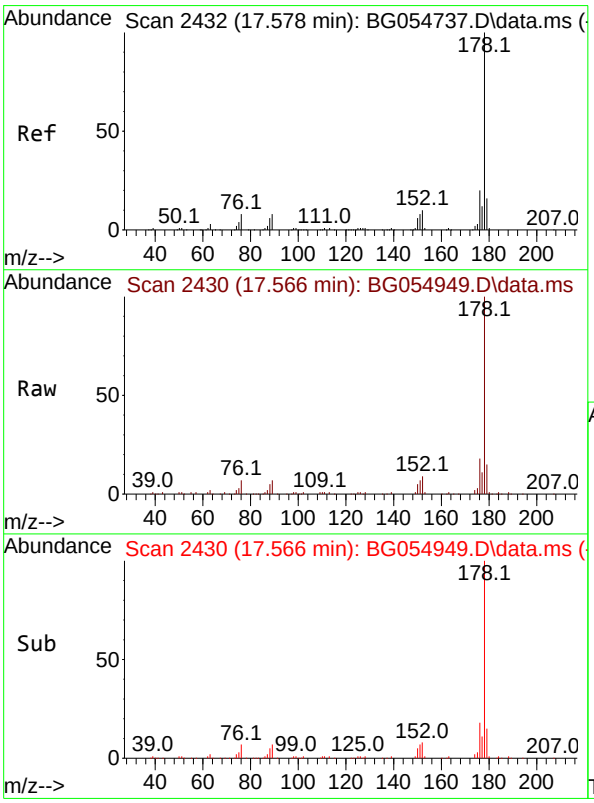
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.519 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:188 Resp: 294821

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	8.9	7.9	11.9

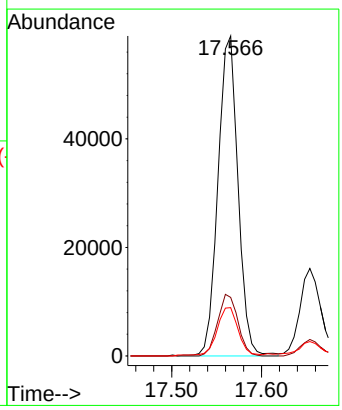


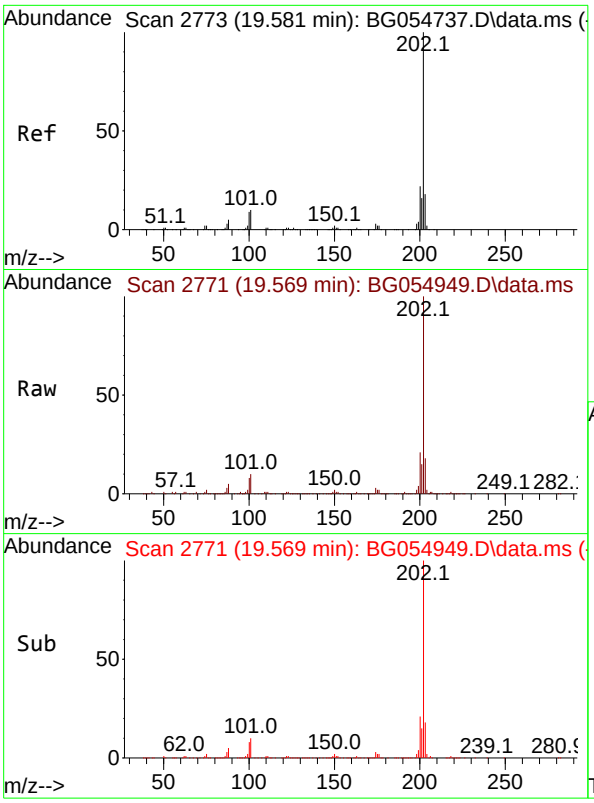


#71
Phenanthrene
Concen: 5.814 ng
RT: 17.566 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:178 Resp: 91313

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.6	25.0
179	15.1	12.8	19.2



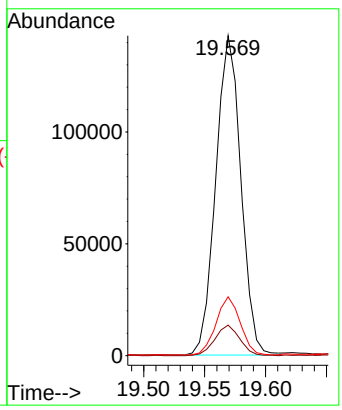


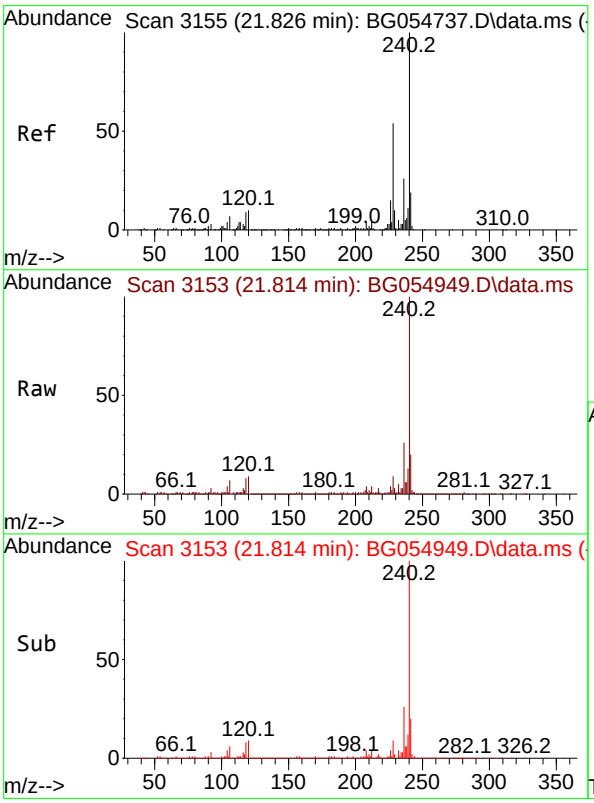
#75
Fluoranthene
Concen: 10.711 ng
RT: 19.569 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:202 Resp: 204630

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.4
203	18.4	0.0	38.6

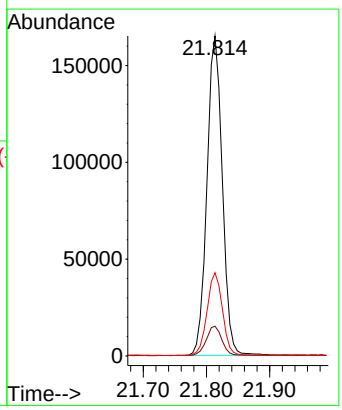


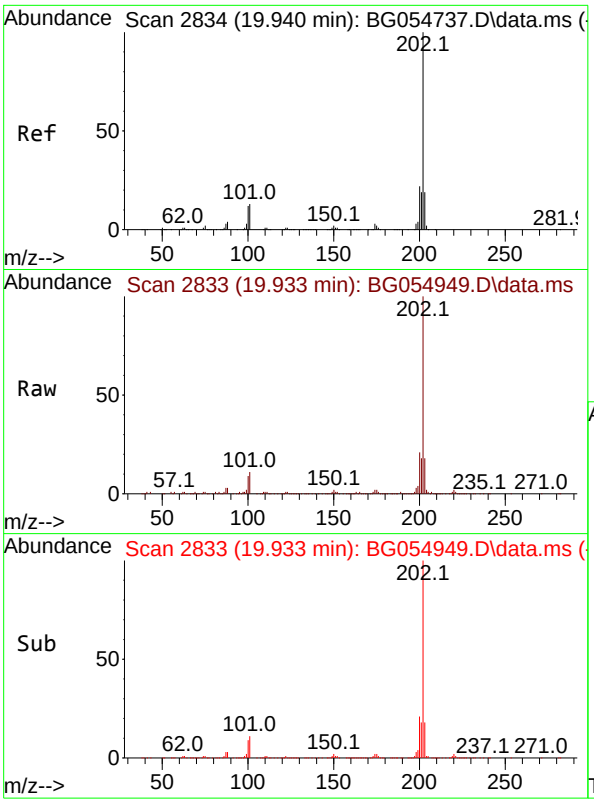


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:240 Resp: 278585

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.4
236	26.0	21.2	31.8



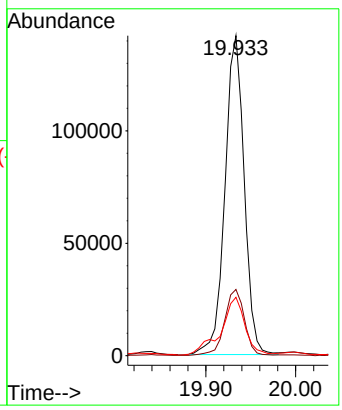


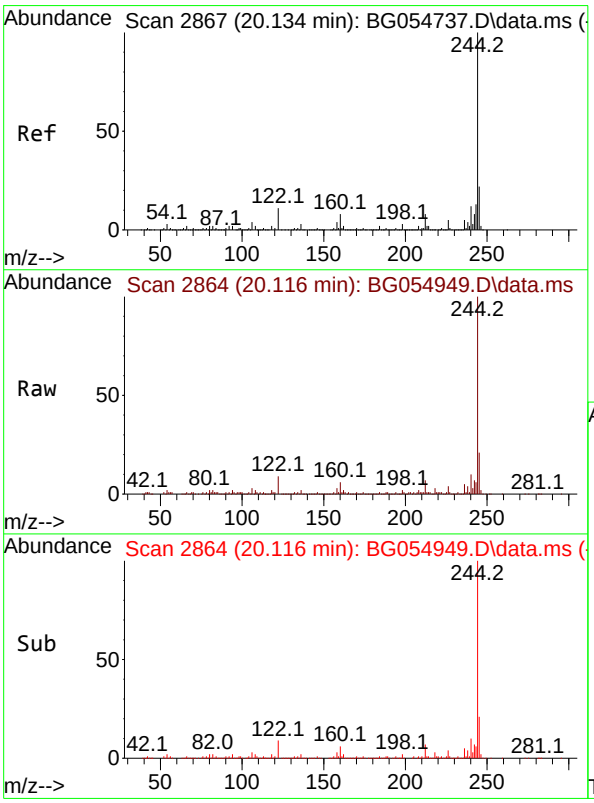
#78
Pyrene
Concen: 10.889 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:202 Resp: 211520

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.3	14.6	21.8

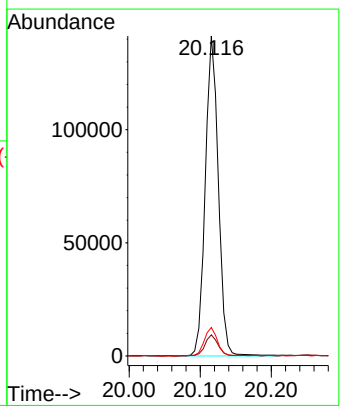


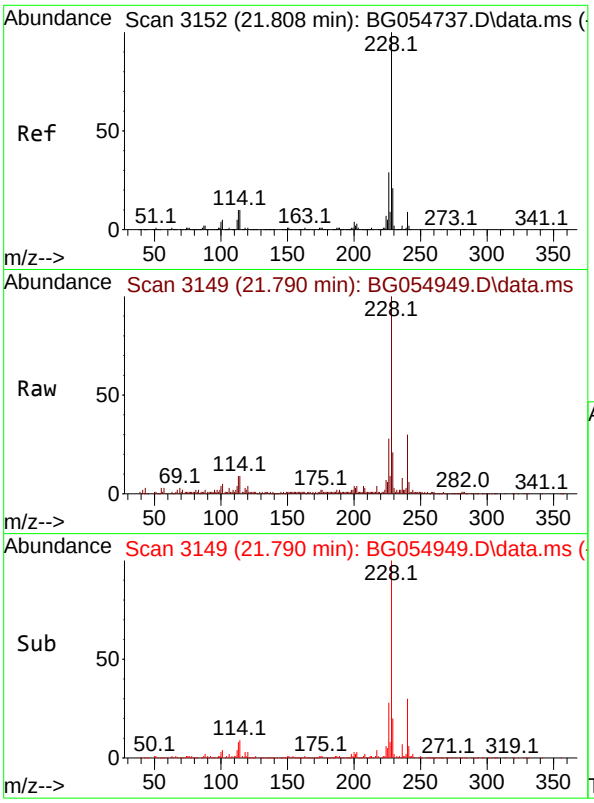


#79
Terphenyl-d14
Concen: 12.864 ng
RT: 20.116 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:244 Resp: 180869

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	8.9	9.0	13.6#



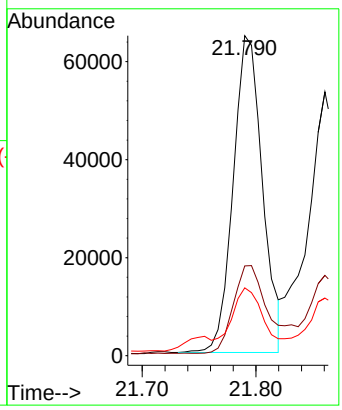


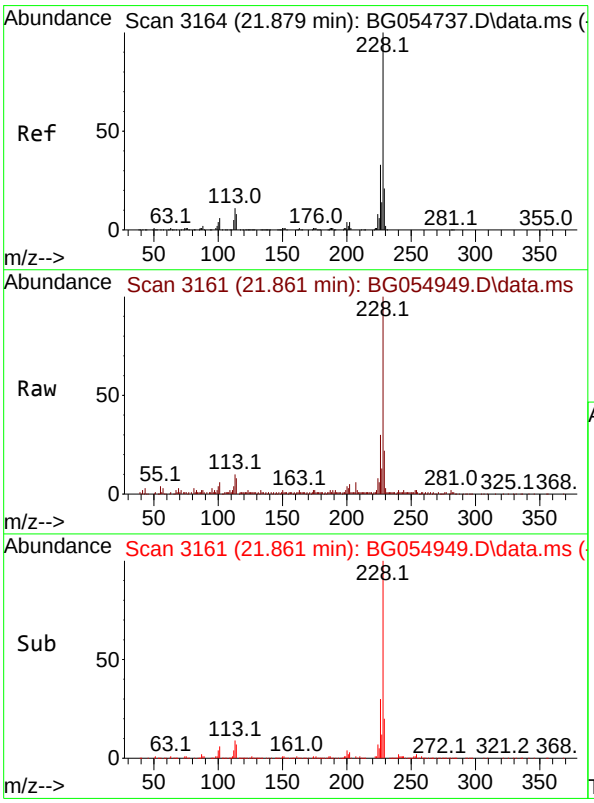
#81
Benzo(a)anthracene
Concen: 6.119 ng
RT: 21.790 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:228 Resp: 115589

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	21.2	16.5	24.7

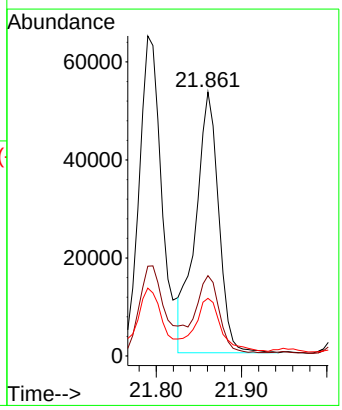


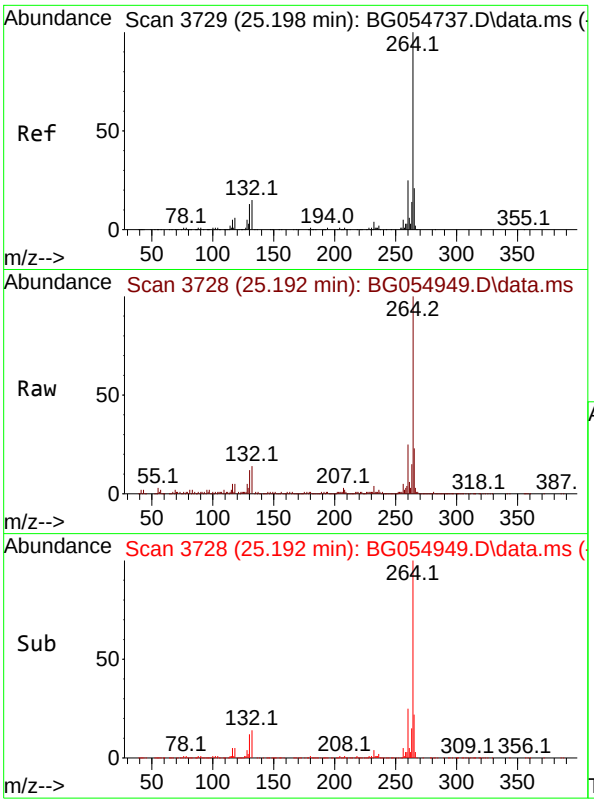


#83
Chrysene
Concen: 5.560 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:228 Resp: 100412

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	21.8	16.8	25.2



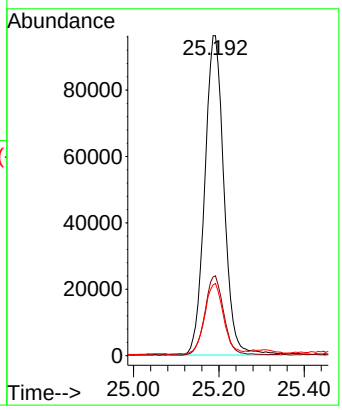


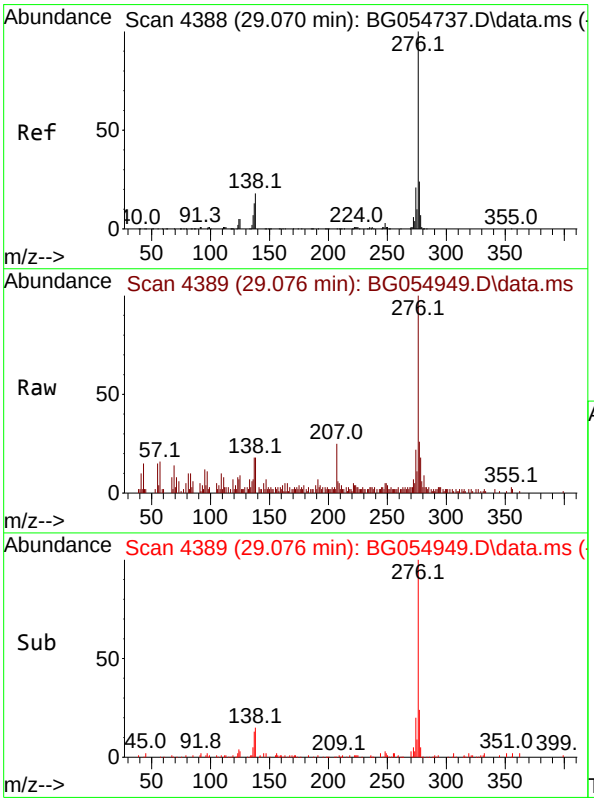
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:264 Resp: 300798

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.5	16.9	25.3

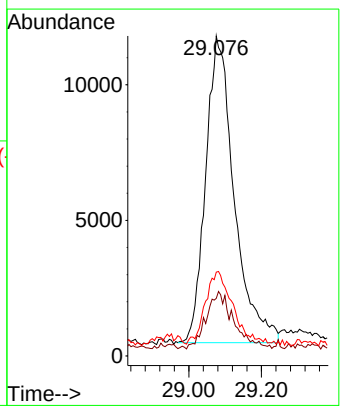


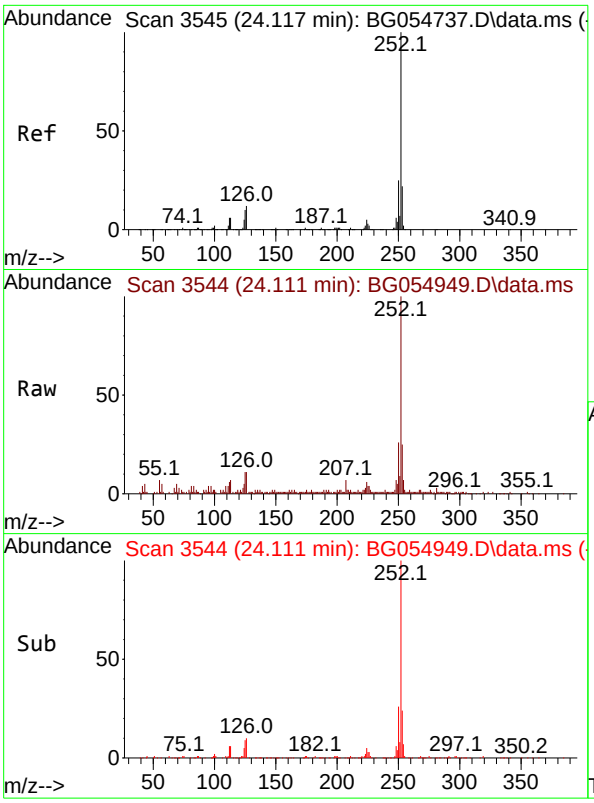


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.699 ng
RT: 29.076 min Scan# 4389
Delta R.T. -0.011 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:276 Resp: 61633

Ion	Ratio	Lower	Upper
276	100		
138	18.2	12.0	18.0#
277	22.8	20.2	30.4



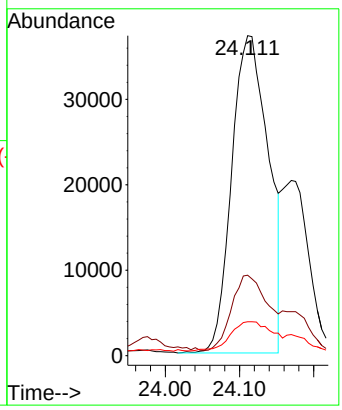


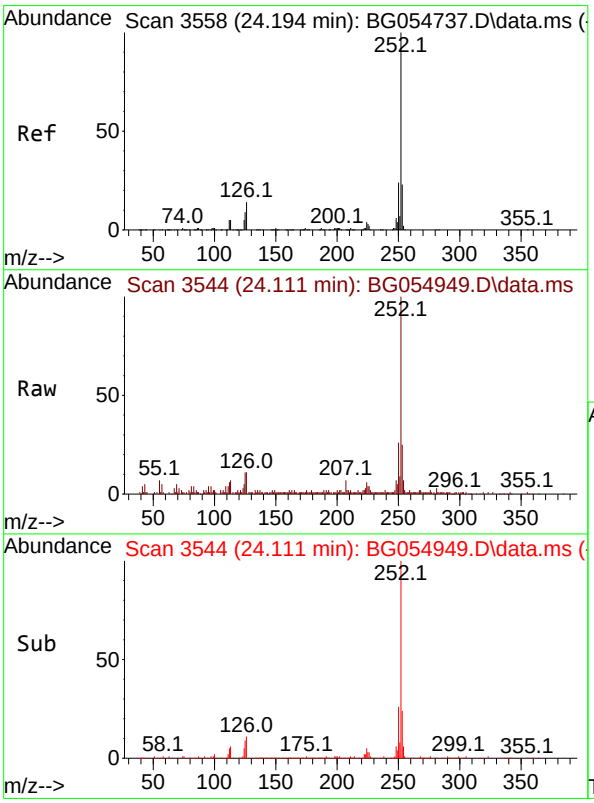
#88
Benzo(b)fluoranthene
Concen: 6.786 ng
RT: 24.111 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:252 Resp: 128053

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	10.6	8.1	12.1

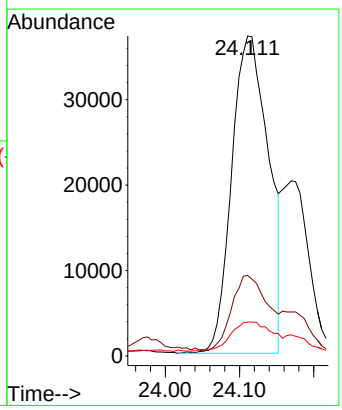


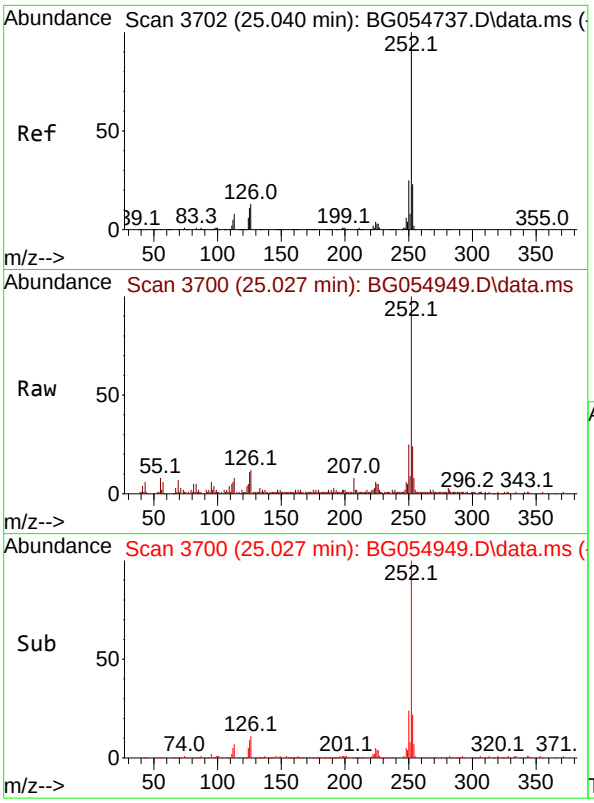


#89
Benzo(k)fluoranthene
Concen: 6.743 ng
RT: 24.111 min Scan# 3544
Delta R.T. -0.070 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:252 Resp: 128053

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	10.6	8.2	12.4



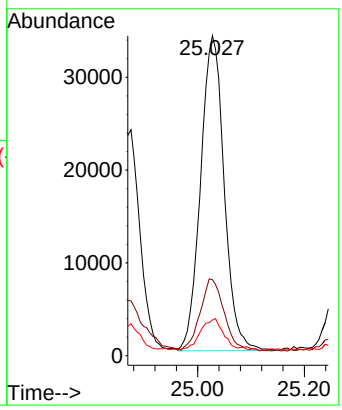


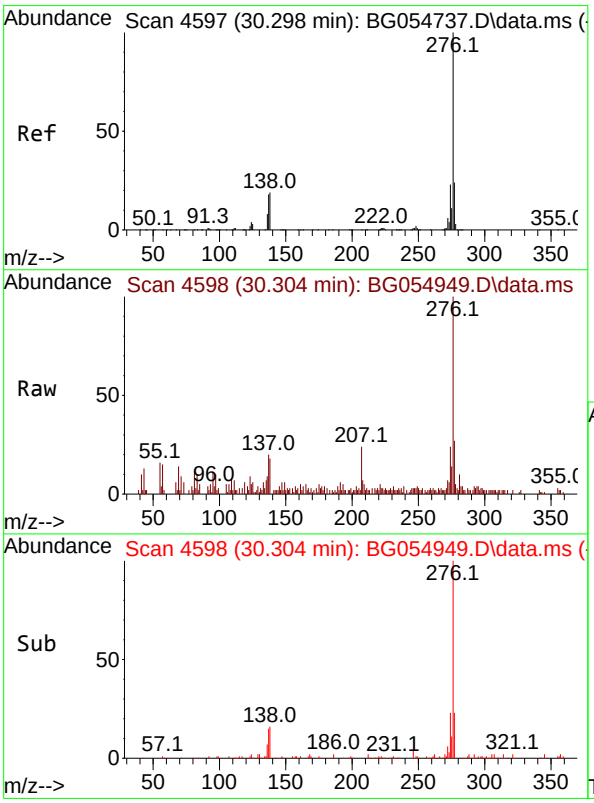
#90
Benzo(a)pyrene
Concen: 6.462 ng
RT: 25.027 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Tgt Ion:252 Resp: 104174

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	11.2	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 3.650 ng
RT: 30.304 min Scan# 4598
Delta R.T. -0.005 min
Lab File: BG054949.D
Acq: 14 Sep 2022 18:46

Tgt Ion:276 Resp: 68599

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.4	29.0
138	18.3	16.6	25.0