Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Quant Time: Jul 23 00:12:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	24296	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	91287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	66783	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	158175	20.000	ng	# 0.00
76) Chrysene-d12	21.646	240	179435	20.000	ng	# 0.00
86) Perylene-d12	24.854	264	189094	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	88674	76.202	ng	0.00
7) Phenol-d6	7.174	99	118627	74.397	ng	0.00
23) Nitrobenzene-d5	9.154	82	80900	48.261	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	102251	72.922	ng	0.00
45) 2-Fluorobiphenyl	13.250	172	234679	49.573	ng	0.00
79) Terphenyl-d14	19.983	244	423727	46.847	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.133	77	121	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	9.154	70	11720	11.007	ng	# 81
31) Naphthalene	10.852	128	11560	2.523	ng	98
32) Benzoic acid	10.300	122	138	7.925	ng	# 1
37) 2-Methylnaphthalene	12.456	142	7606	2.161	ng	95
38) 1-Methylnaphthalene	12.456	142	7606	2.218	ng	99
49) Acenaphthylene	14.354	152	48796	8.589	ng	98
51) 2,6-Dinitrotoluene	14.630	165	10175	8.893	ng	# 16
52) Acenaphthene	14.689	154	20391	5.927	ng	92
55) Dibenzofuran	15.024	168	20594	3.364	ng	# 95
56) 4-Nitrophenol	15.024	139	7045	11.035	ng	# 1
58) Fluorene	15.670	166	35597	7.073	ng	99
67) 4-Bromophenyl-phenylether	16.117	248	6440	2.899	ng	# 1
71) Phenanthrene	17.421	178	697378	88.533	ng	97
72) Anthracene	17.509	178	166590	21.552	ng	98
73) Carbazole	17.774	167	65625	10.312	ng	97
75) Fluoranthene	19.437	202	1494658	139.197	ng	92
78) Pyrene	19.801	202	1354210	131.530	ng	94
80) Butylbenzylphthalate	20.665	149	13131	4.093	ng	# 88
81) Benzo(a)anthracene	21.628	228	1011853	88.834	ng	95
83) Chrysene	21.628	228	1011853	94.027	ng	97
84) Bis(2-ethylhexyl)phtha...	21.522	149	86330	19.015	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.544	276	482281	33.526	ng	97
88) Benzo(b)fluoranthene	23.849	252	1247748	111.577	ng	# 96
89) Benzo(k)fluoranthene	23.849	252	1247748	112.114	ng	# 97
90) Benzo(a)pyrene	24.566	252	580669	60.802	ng	96
91) Dibenzo(a,h)anthracene	28.567	278	119253	10.082	ng	# 90
92) Benzo(g,h,i)perylene	29.689	276	423933	36.312	ng	# 91

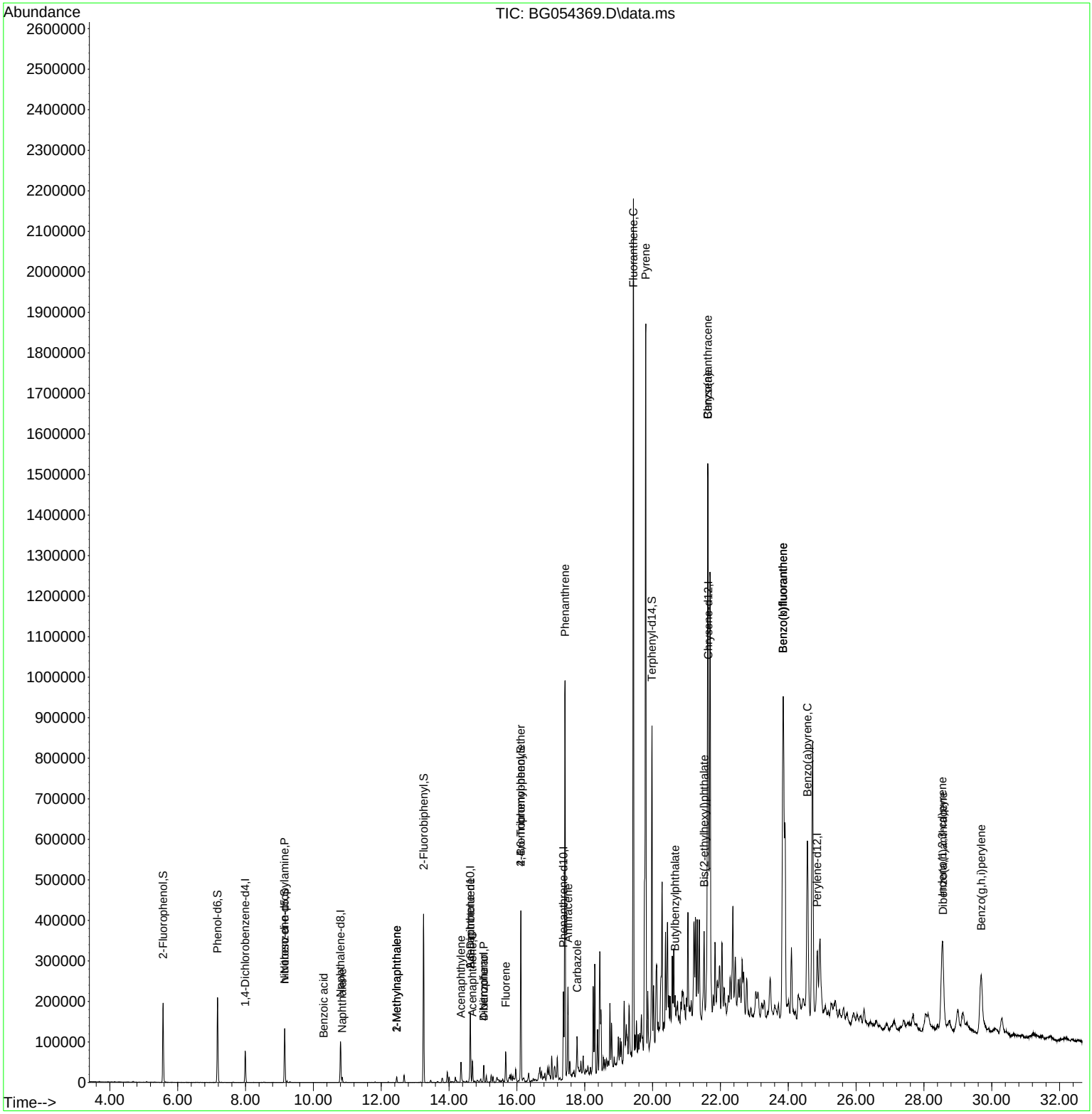
(#) = qualifier out of range (m) = manual integration (+) = signals summed

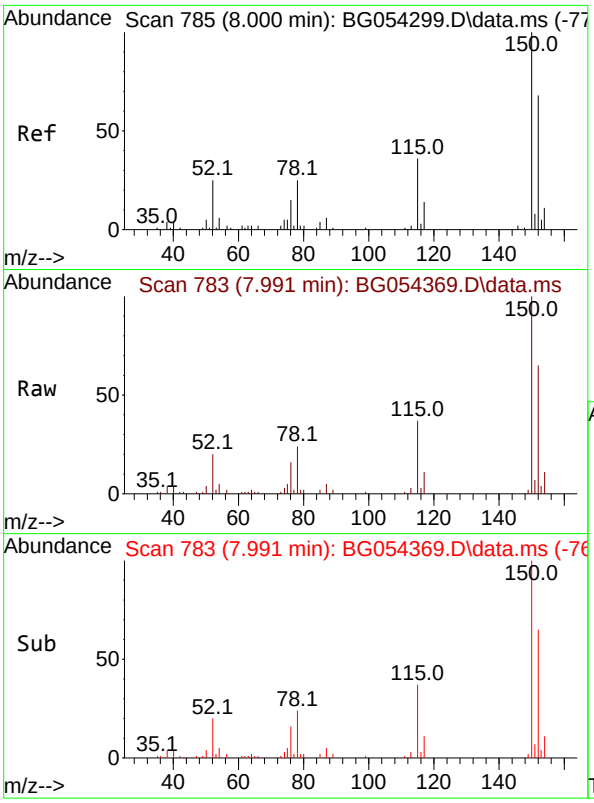
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Quant Time: Jul 23 00:12:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



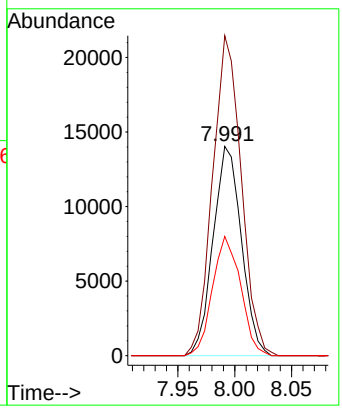


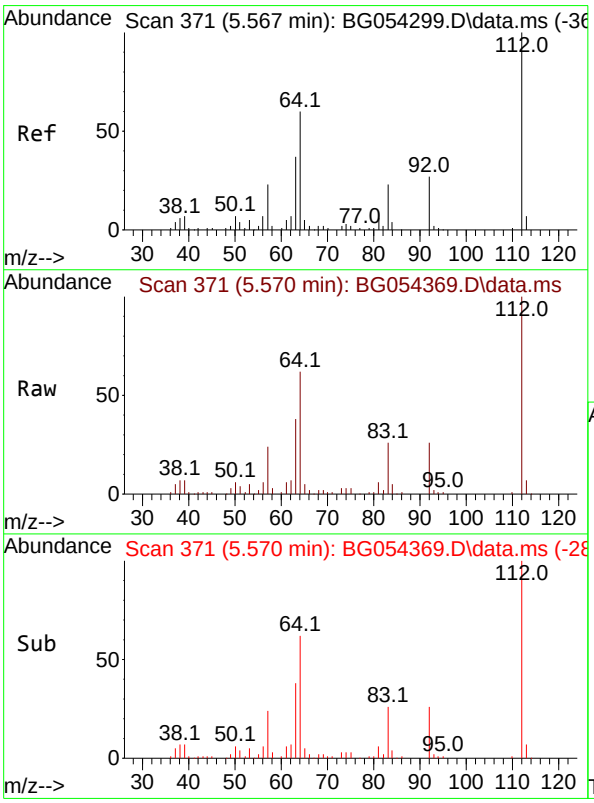
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 7
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:152 Resp: 24296

Ion	Ratio	Lower	Upper
152	100		
150	152.9	131.6	197.4
115	56.9	50.9	76.3

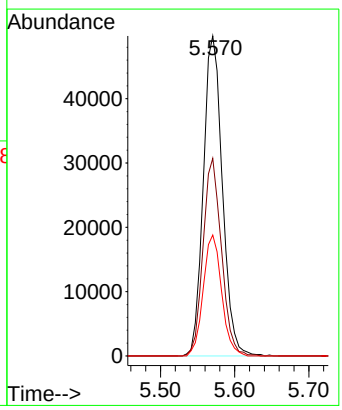


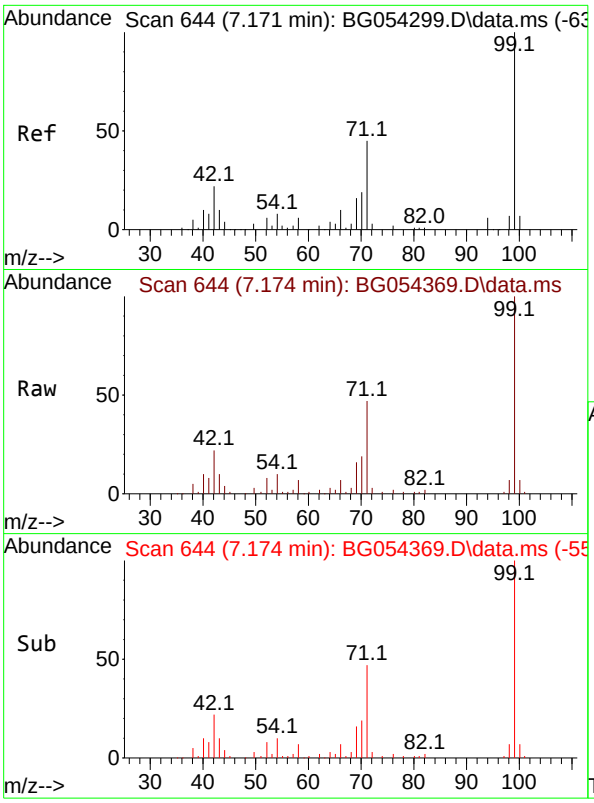


#5
2-Fluorophenol
Concen: 76.202 ng
RT: 5.570 min Scan# 371
Delta R.T. 0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:112 Resp: 88674

Ion	Ratio	Lower	Upper
112	100		
64	61.7	55.1	82.7
63	37.8	30.4	45.6



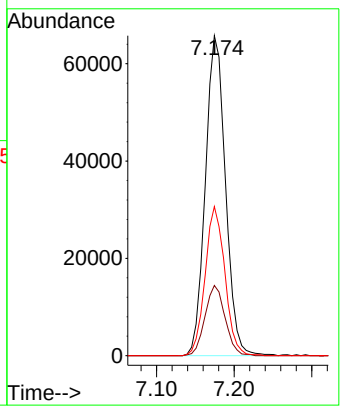


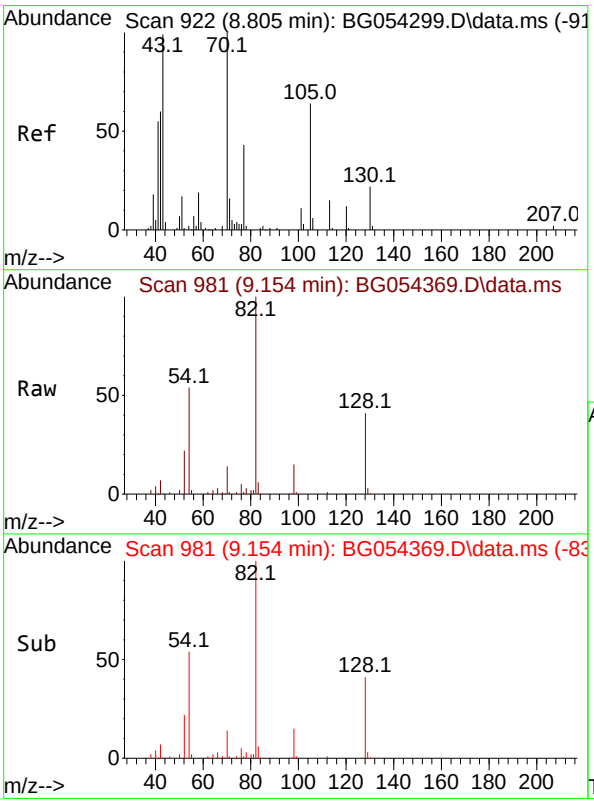
#7
Phenol-d6
Concen: 74.397 ng
RT: 7.174 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion: 99 Resp: 118627

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	46.6	33.8	50.8

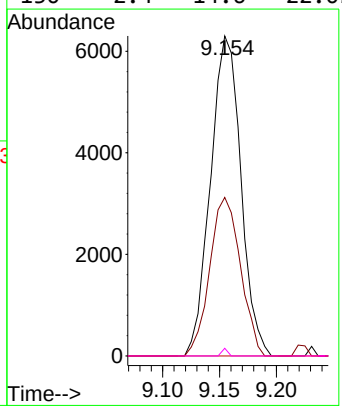


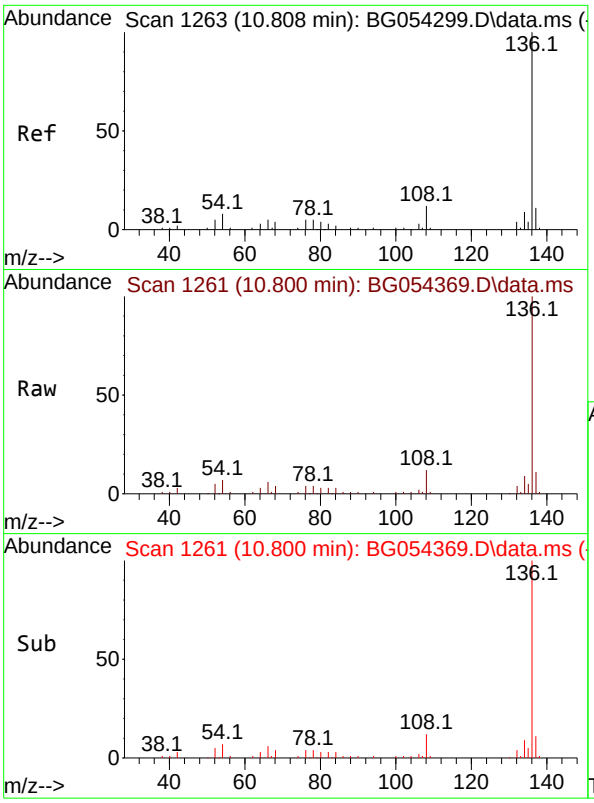


#19
n-Nitroso-di-n-propylamine
Concen: 11.007 ng
RT: 9.154 min Scan# 981
Delta R.T. 0.350 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion: 70 Resp: 11720

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.3	70.9
101	0.0	7.0	10.4#
130	2.4	14.6	22.0#



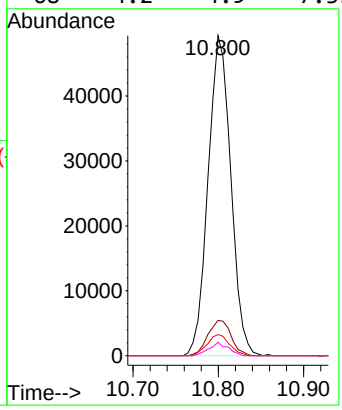


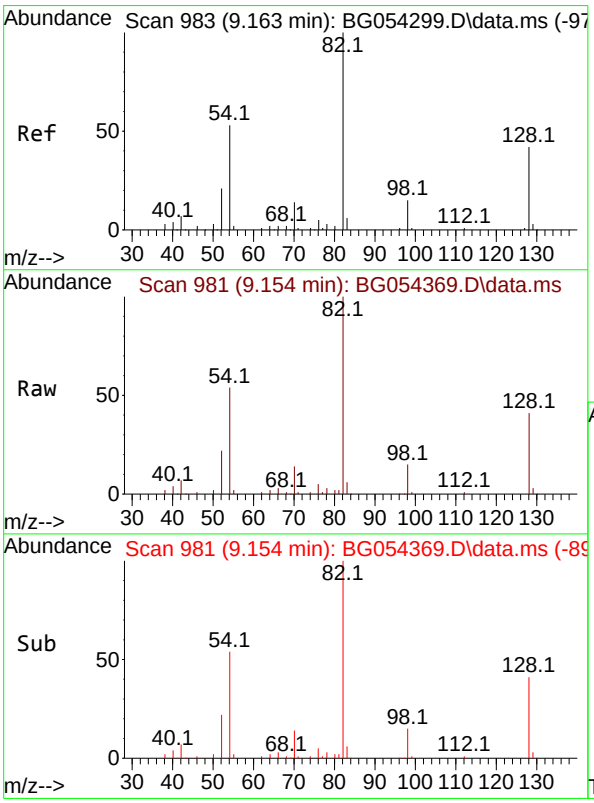
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:136 Resp: 91287

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	7.4	11.2#
68	4.2	4.9	7.3#

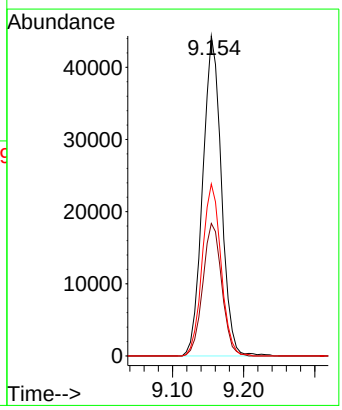


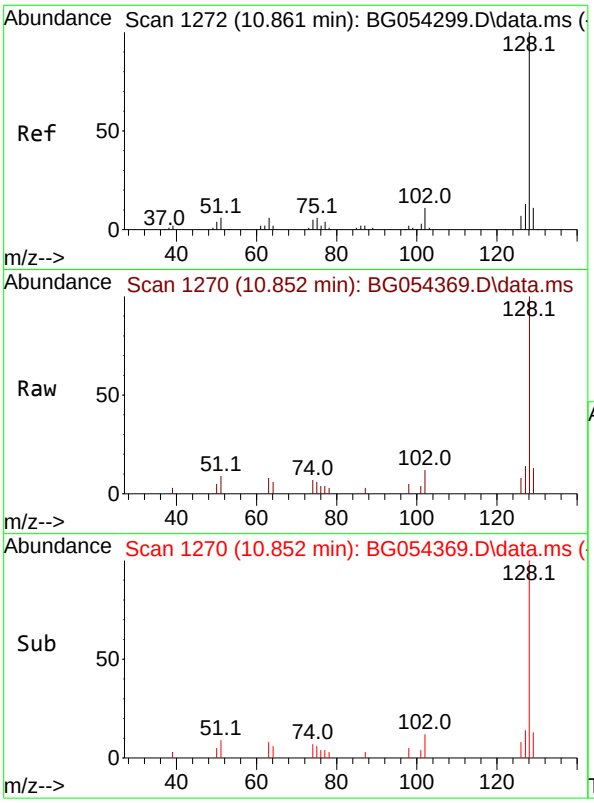


#23
Nitrobenzene-d5
Concen: 48.261 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion: 82 Resp: 80900

Ion	Ratio	Lower	Upper
82	100		
128	41.4	27.9	41.9
54	53.8	41.2	61.8



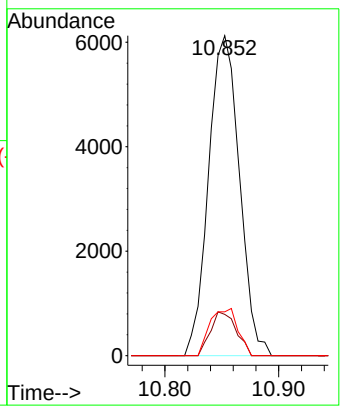


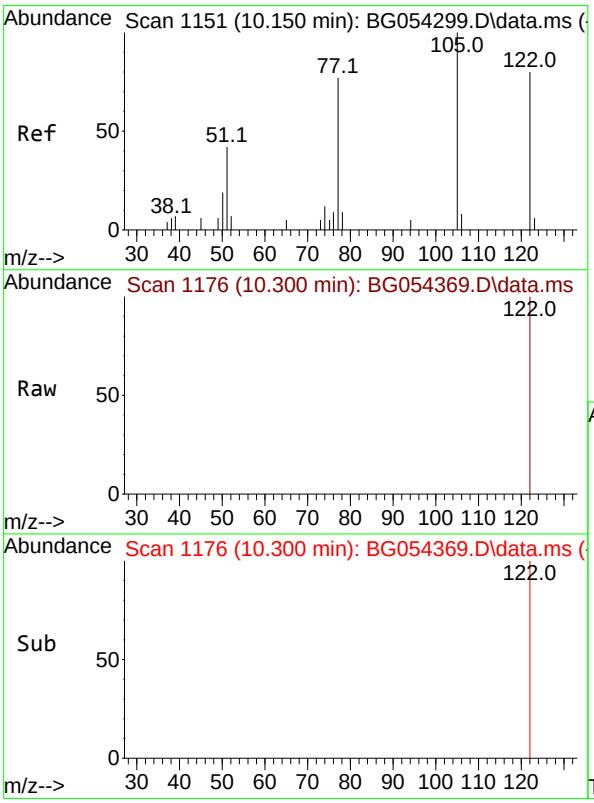
#31
Naphthalene
Concen: 2.523 ng
RT: 10.852 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:128 Resp: 11560

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	13.7	11.1	16.7

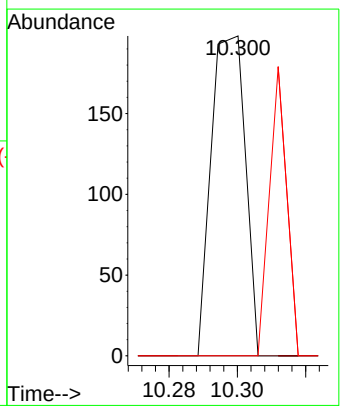


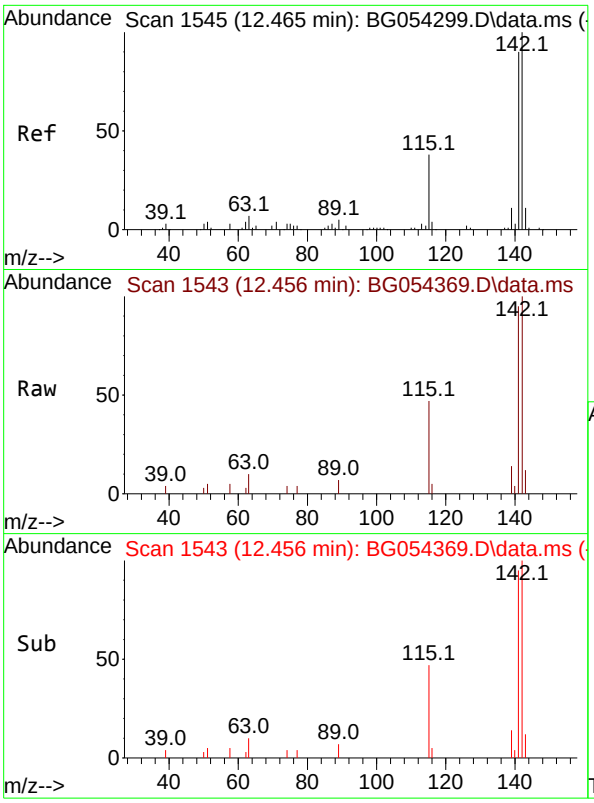


#32
Benzoic acid
Concen: 7.925 ng
RT: 10.300 min Scan# 1176
Delta R.T. 0.150 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	0.0	111.8	151.8#
77	0.0	109.4	149.4#



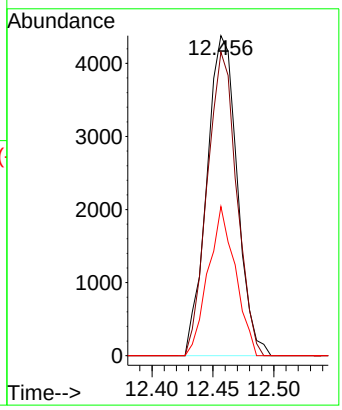


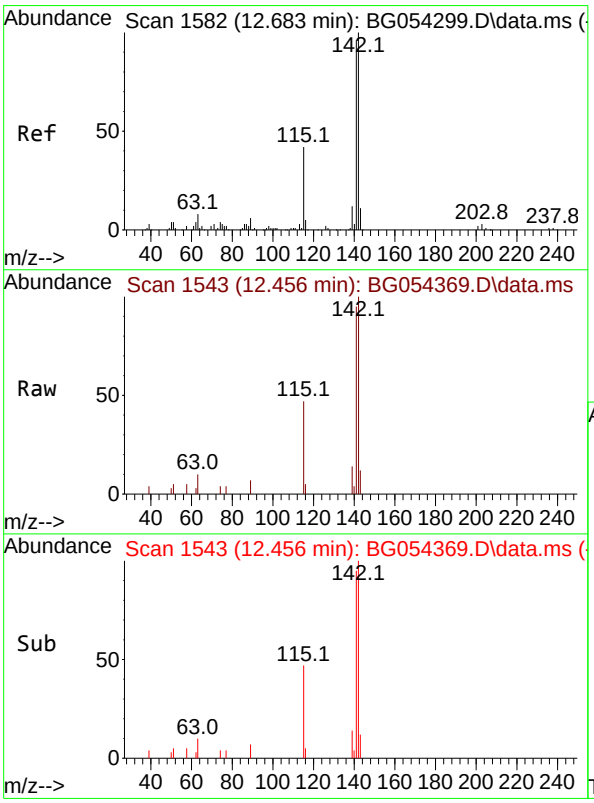
#37
2-Methylnaphthalene
Concen: 2.161 ng
RT: 12.456 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:142 Resp: 7606

Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.3	108.5
115	46.6	33.7	50.5

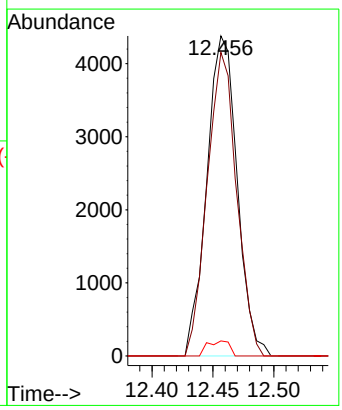


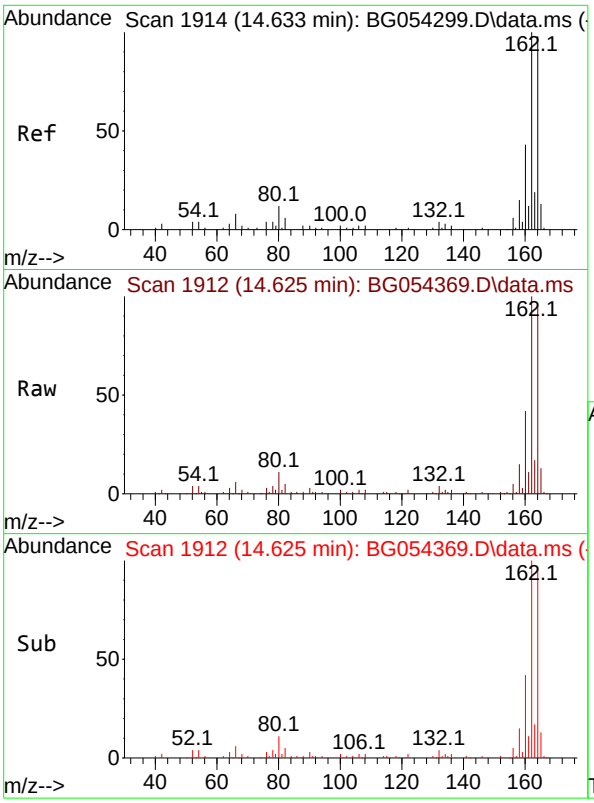


#38
1-Methylnaphthalene
Concen: 2.218 ng
RT: 12.456 min Scan# 1543
Delta R.T. -0.226 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:142 Resp: 7606

Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.4	114.6
116	4.7	3.3	4.9



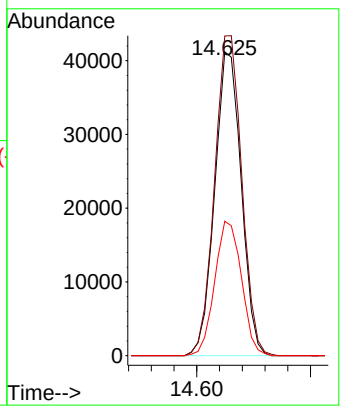


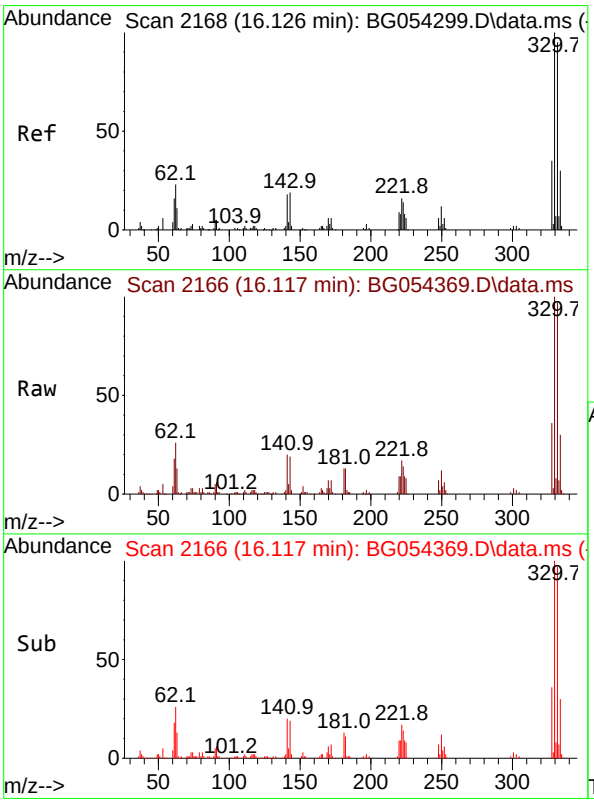
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:164 Resp: 66783

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.3	123.5
160	44.2	34.2	51.2

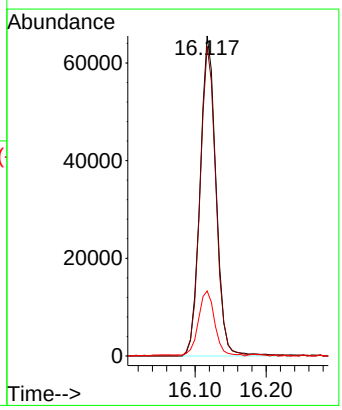


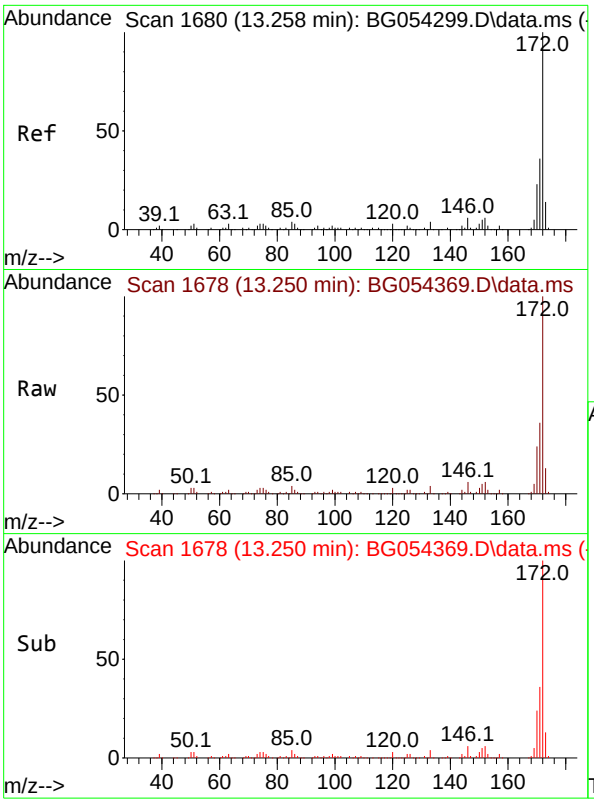


#42
2,4,6-Tribromophenol
Concen: 72.922 ng
RT: 16.117 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:330 Resp: 102251

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	21.0	27.1	40.7#



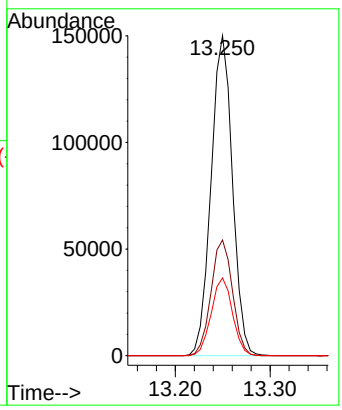


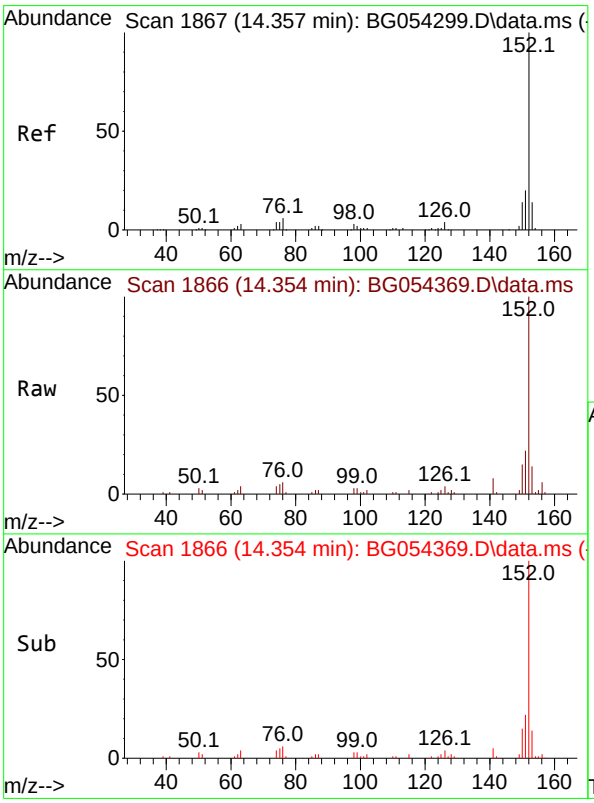
#45
2-Fluorobiphenyl
Concen: 49.573 ng
RT: 13.250 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:172 Resp: 234679

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.3	18.9	28.3

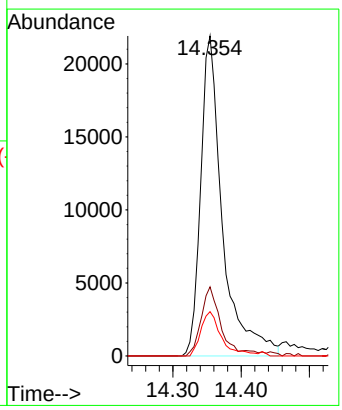


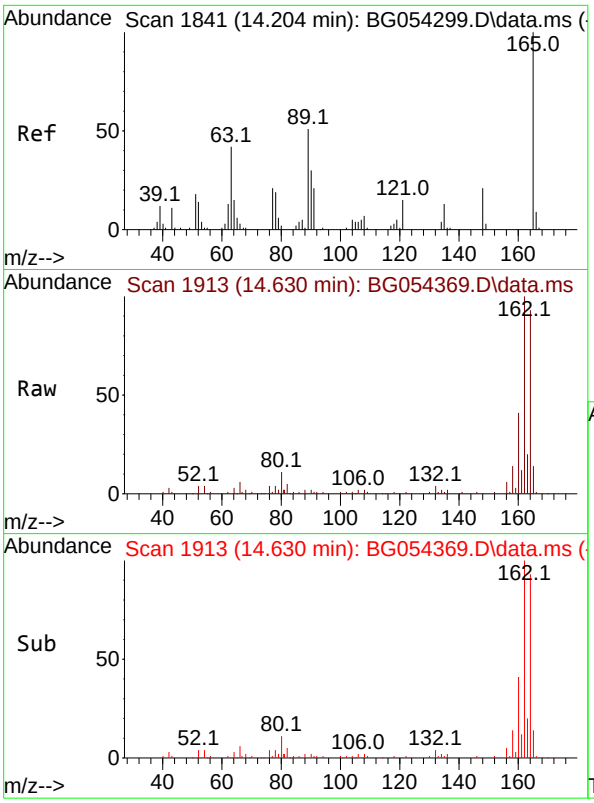


#49
Acenaphthylene
Concen: 8.589 ng
RT: 14.354 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:152 Resp: 48796

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.4	24.6
153	13.9	10.8	16.2



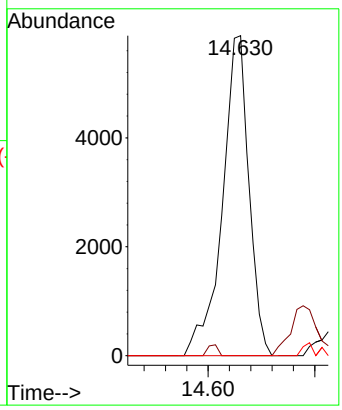


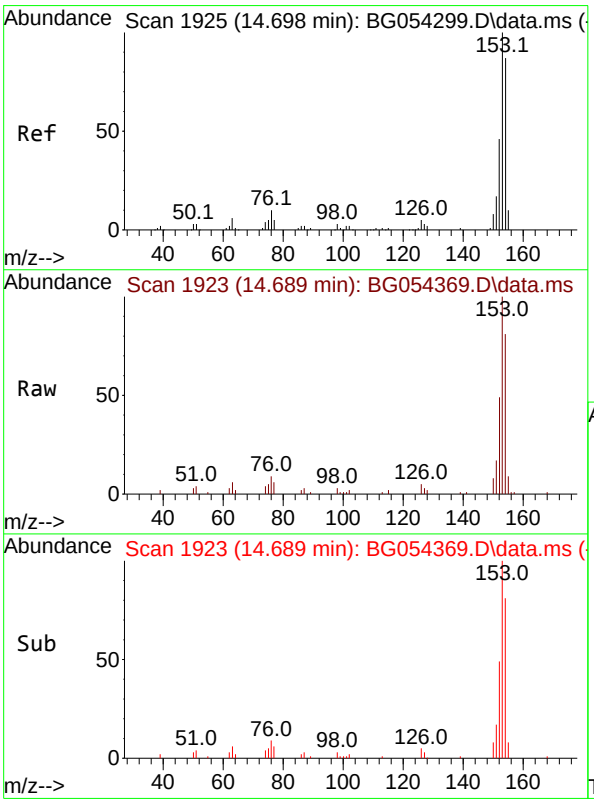
#51
2,6-Dinitrotoluene
Concen: 8.893 ng
RT: 14.630 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:165 Resp: 10175

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

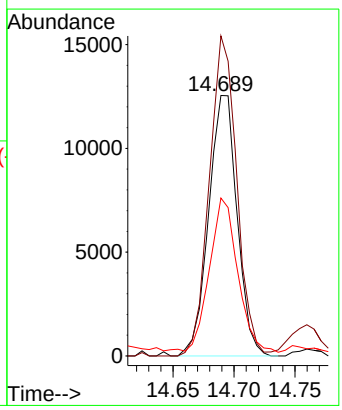


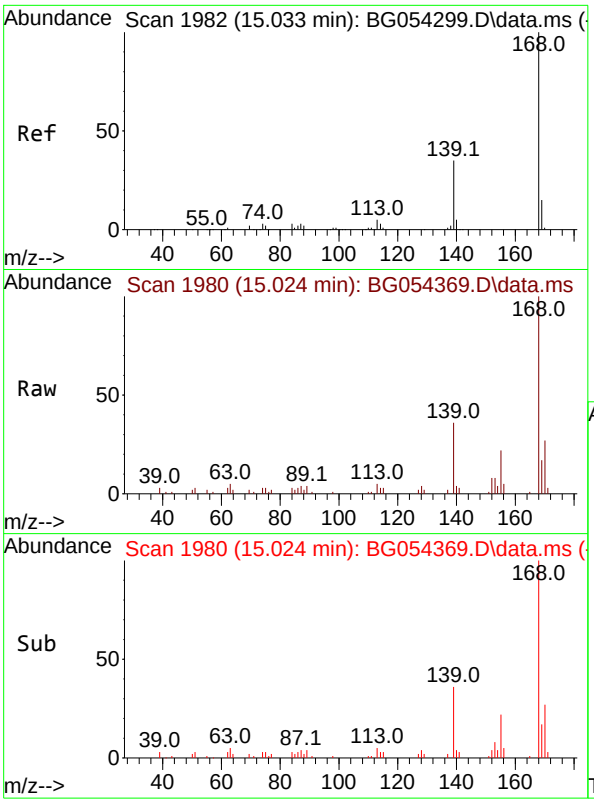


#52
Acenaphthene
Concen: 5.927 ng
RT: 14.689 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:154 Resp: 20391

Ion	Ratio	Lower	Upper
154	100		
153	122.8	92.7	139.1
152	60.6	42.6	64.0



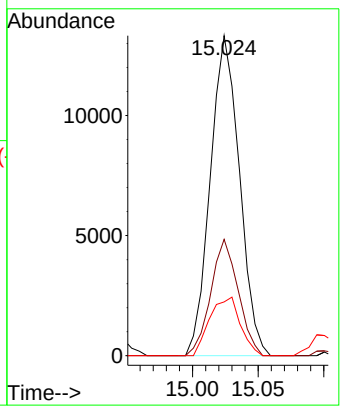


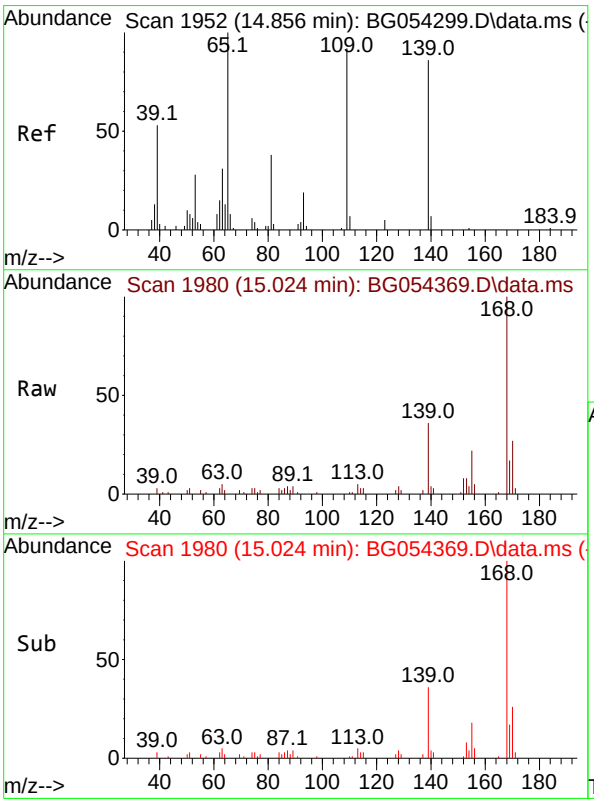
#55
Dibenzofuran
Concen: 3.364 ng
RT: 15.024 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:168 Resp: 20594

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7
169	16.8	10.3	15.5#

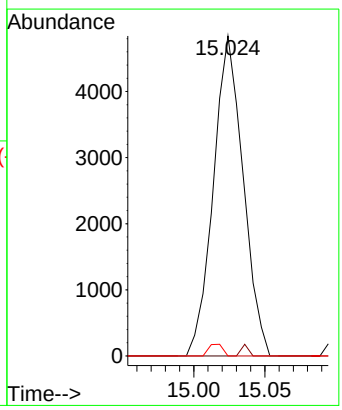


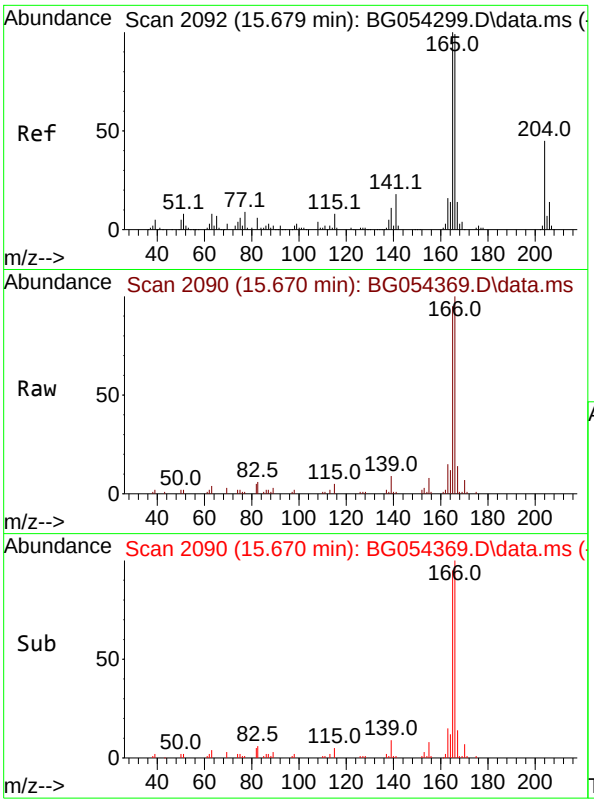


#56
4-Nitrophenol
Concen: 11.035 ng
RT: 15.024 min Scan# 1980
Delta R.T. 0.168 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:139 Resp: 7045

Ion	Ratio	Lower	Upper
139	100		
109	0.0	88.5	128.5#
65	0.0	93.9	133.9#



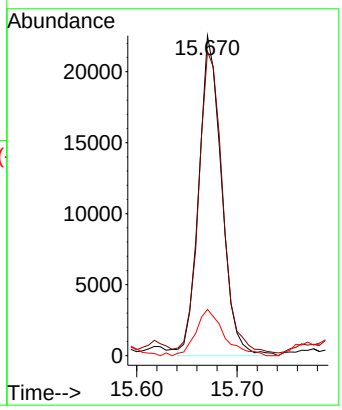


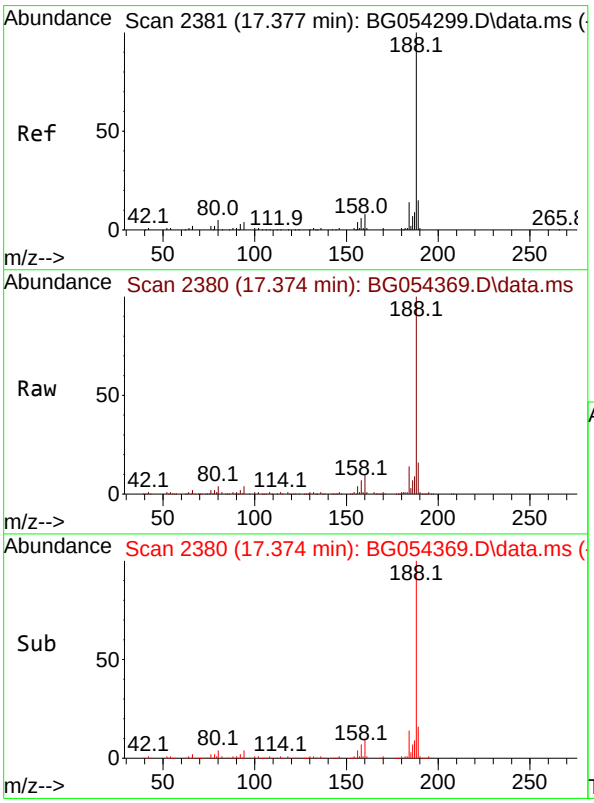
#58
Fluorene
Concen: 7.073 ng
RT: 15.670 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:166 Resp: 35597

Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.0	112.6
167	14.5	10.8	16.2

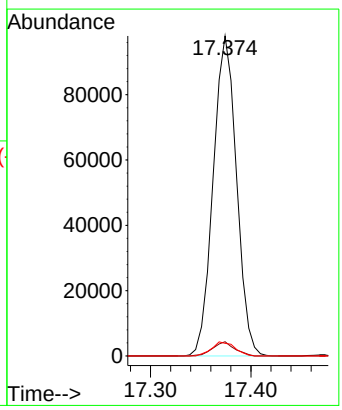


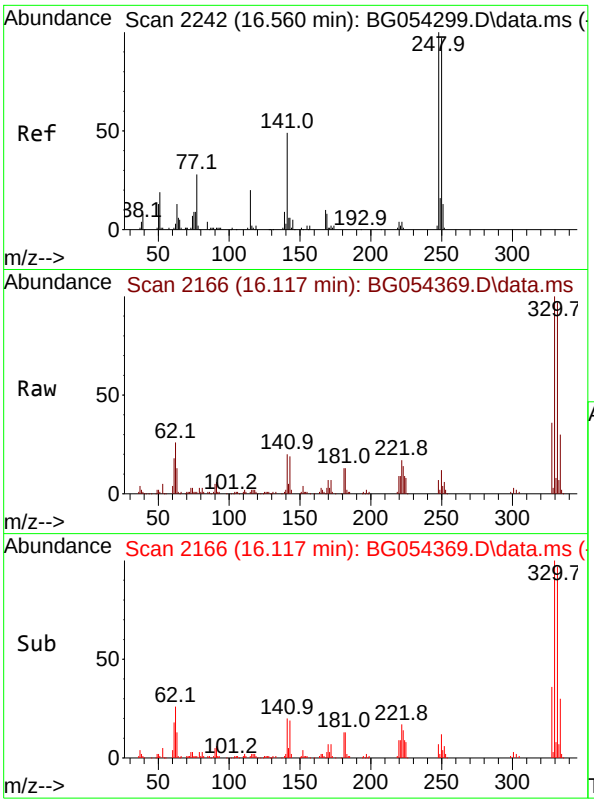


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:188 Resp: 158175

Ion	Ratio	Lower	Upper
188	100		
94	4.4	5.4	8.0#
80	3.9	6.8	10.2#



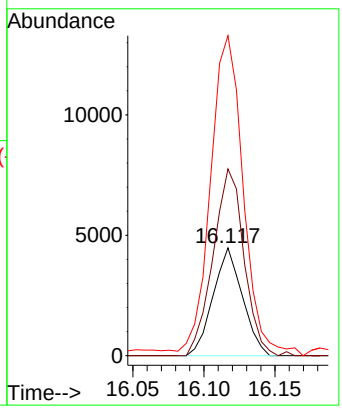


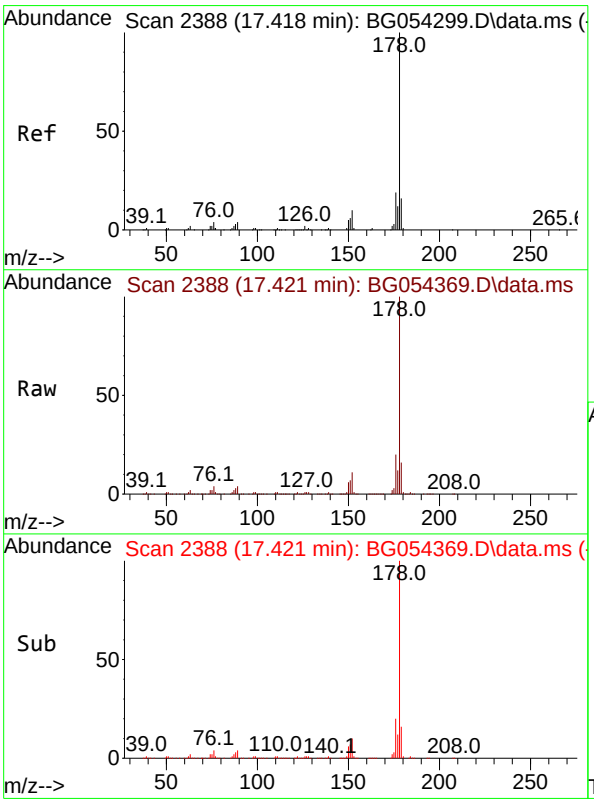
#67
4-Bromophenyl-phenylether
Concen: 2.899 ng
RT: 16.117 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:248 Resp: 6440

Ion	Ratio	Lower	Upper
248	100		
250	176.3	75.2	112.8#
141	228.5	50.0	75.0#

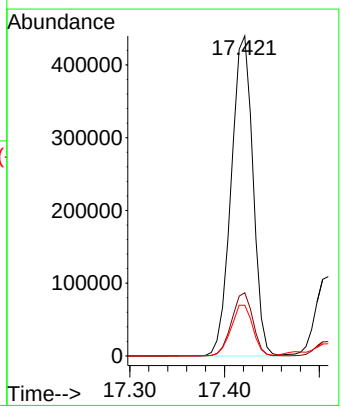


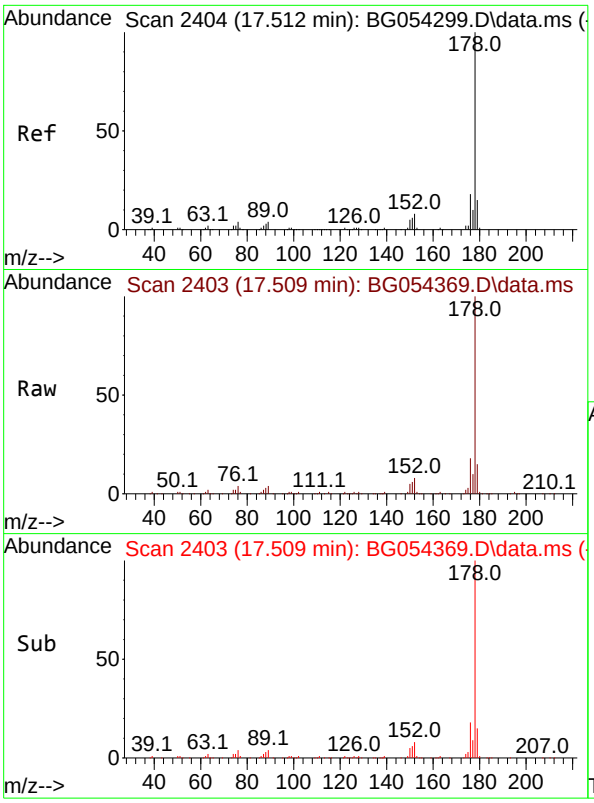


#71
Phenanthrene
Concen: 88.533 ng
RT: 17.421 min Scan# 2388
Delta R.T. 0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:178 Resp: 697378

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.1	21.1
179	15.8	12.1	18.1



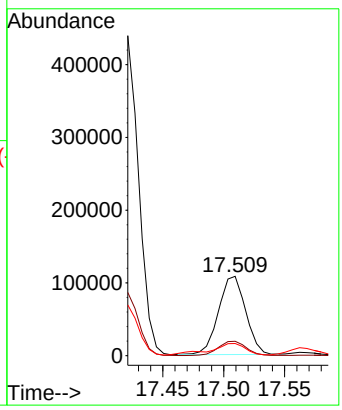


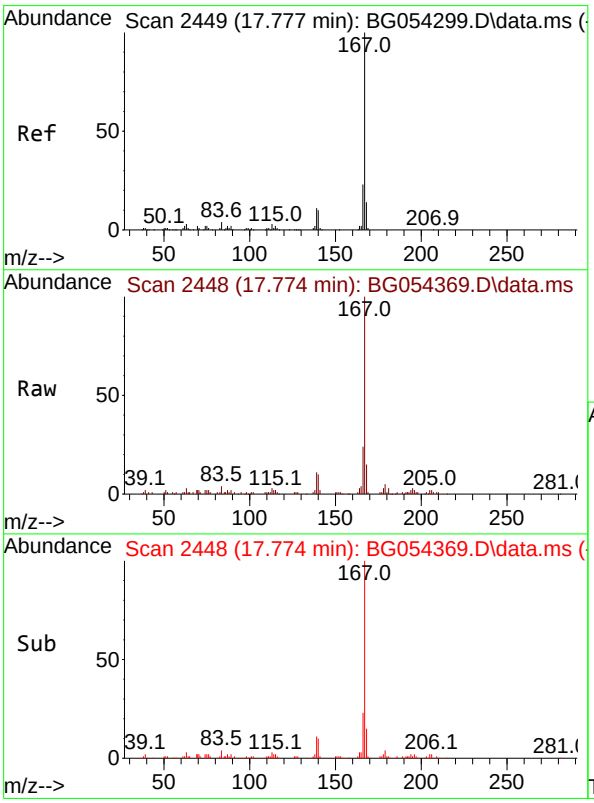
#72
Anthracene
Concen: 21.552 ng
RT: 17.509 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:178 Resp: 166590

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.4	13.0	19.4

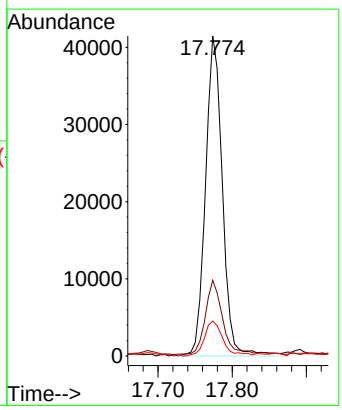


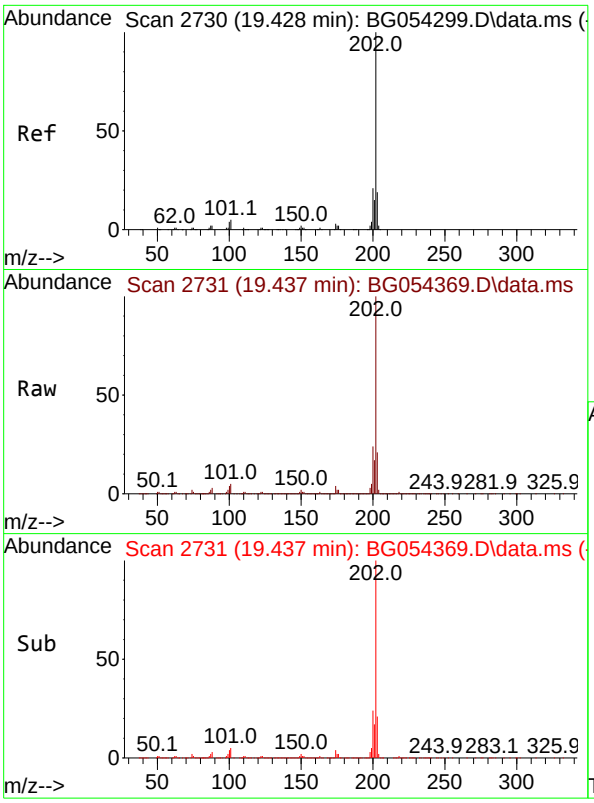


#73
Carbazole
Concen: 10.312 ng
RT: 17.774 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:167 Resp: 65625

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.2
139	10.9	10.1	15.1



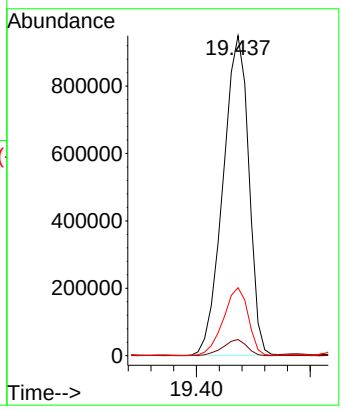


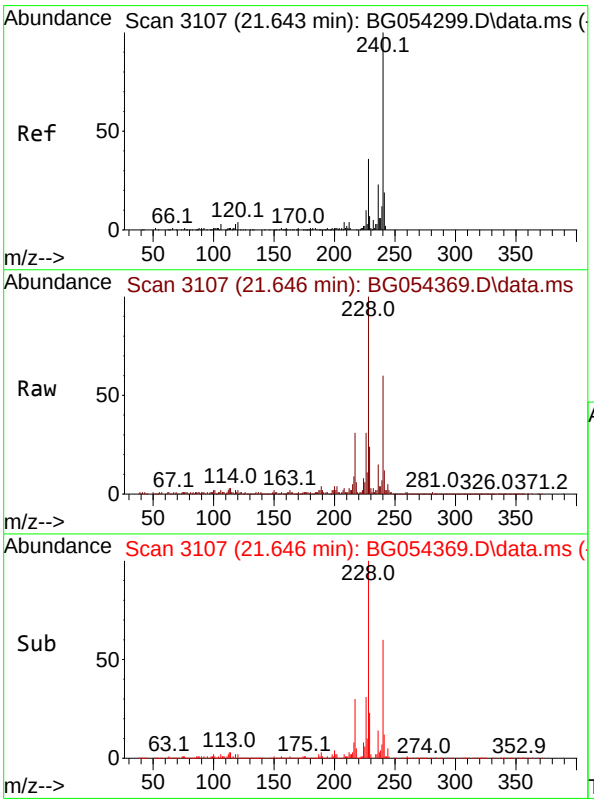
#75
Fluoranthene
Concen: 139.197 ng
RT: 19.437 min Scan# 2
Delta R.T. 0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:202 Resp: 1494658

Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	26.9
203	21.3	0.0	37.2

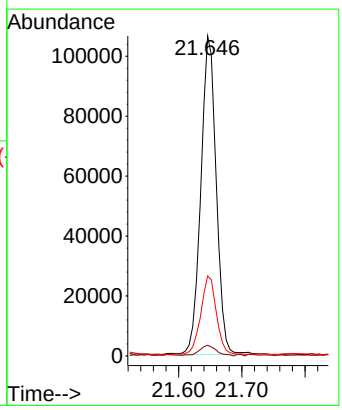


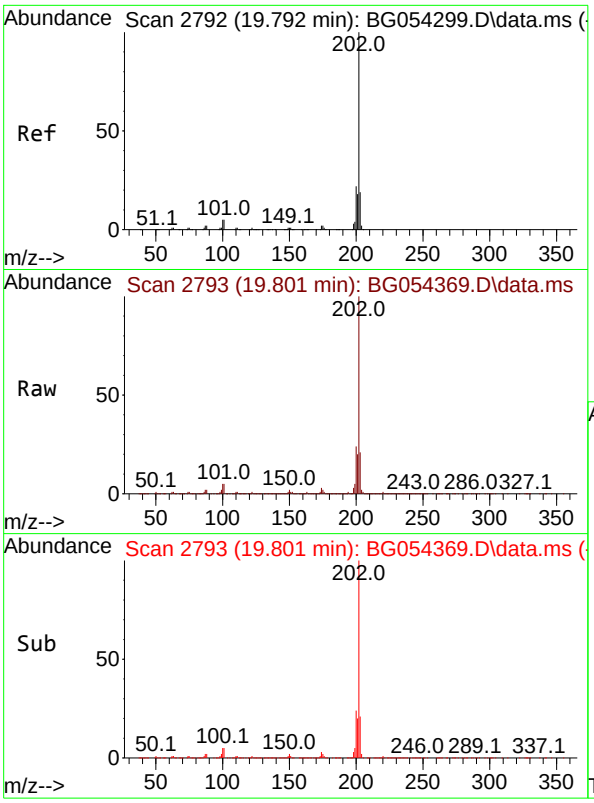


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.646 min Scan# 3107
Delta R.T. 0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:240 Resp: 179435

Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.6	7.0#
236	25.0	20.2	30.4



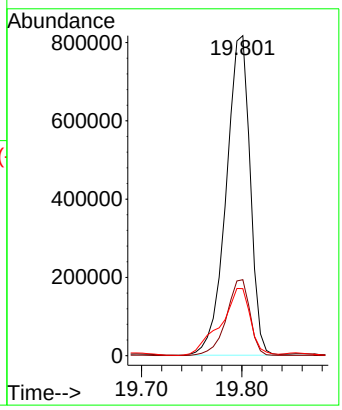


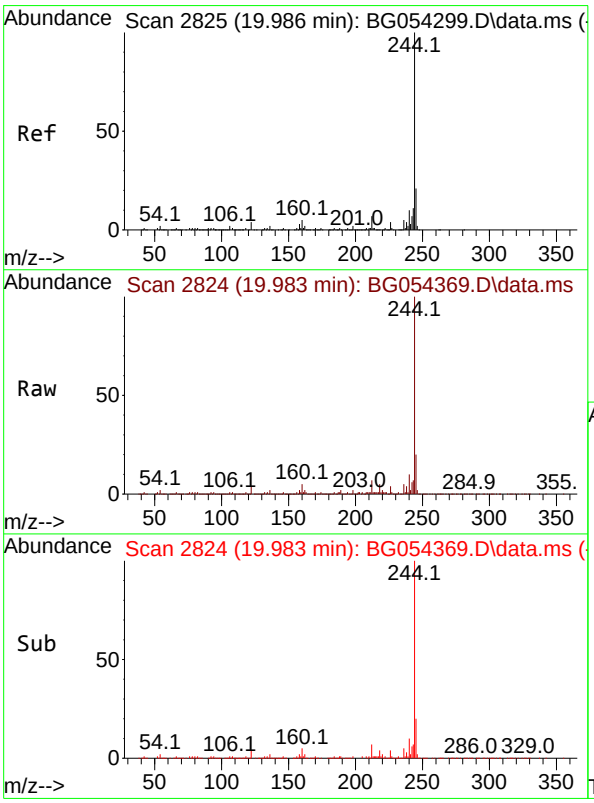
#78
Pyrene
Concen: 131.530 ng
RT: 19.801 min Scan# 2
Delta R.T. 0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:202 Resp: 1354210

Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.6	24.8
203	21.0	14.6	21.8

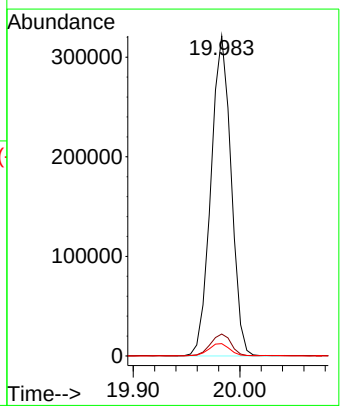


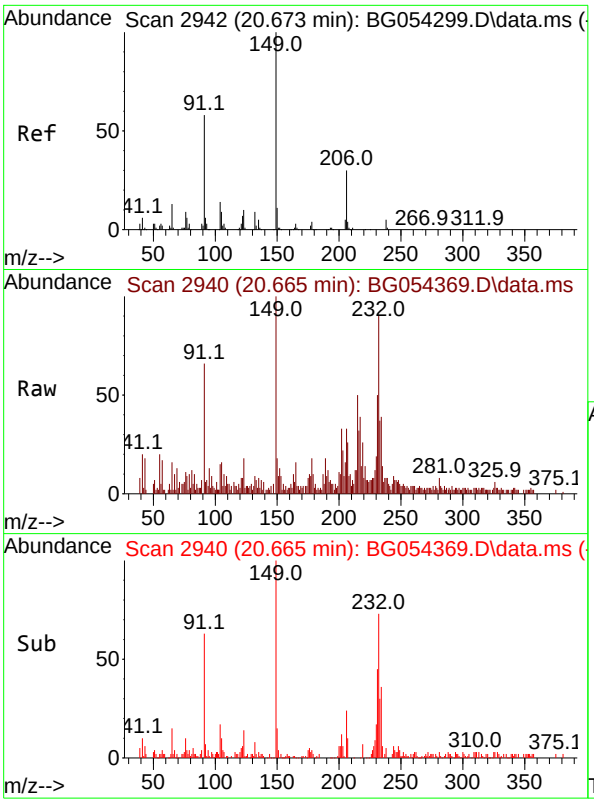


#79
Terphenyl-d14
Concen: 46.847 ng
RT: 19.983 min Scan# 2824
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:244 Resp: 423727

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	3.9	5.0	7.4#



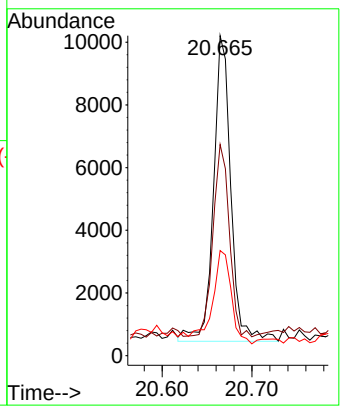


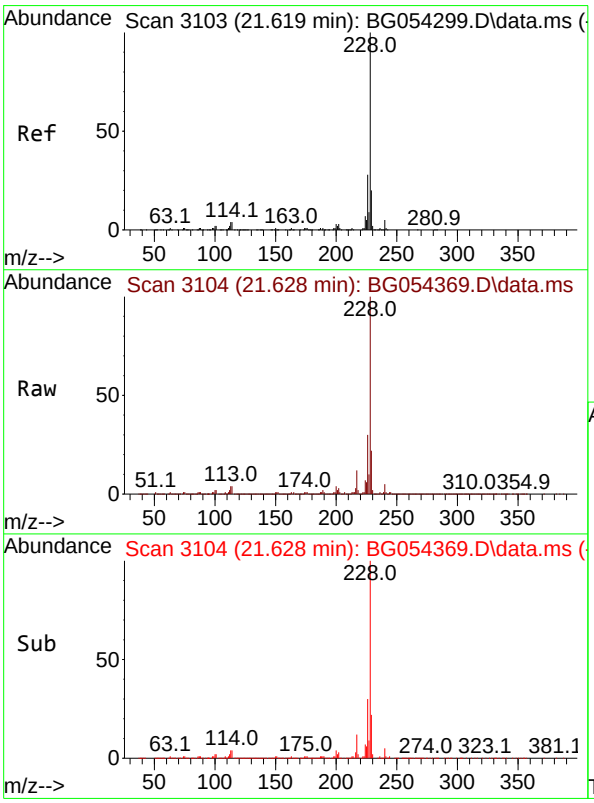
#80
Butylbenzylphthalate
Concen: 4.093 ng
RT: 20.665 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:149 Resp: 13131

Ion	Ratio	Lower	Upper
149	100		
91	66.0	59.6	89.4
206	32.9	18.6	28.0#

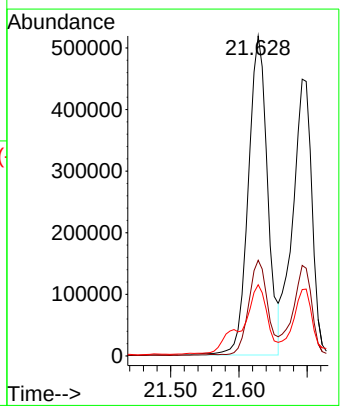


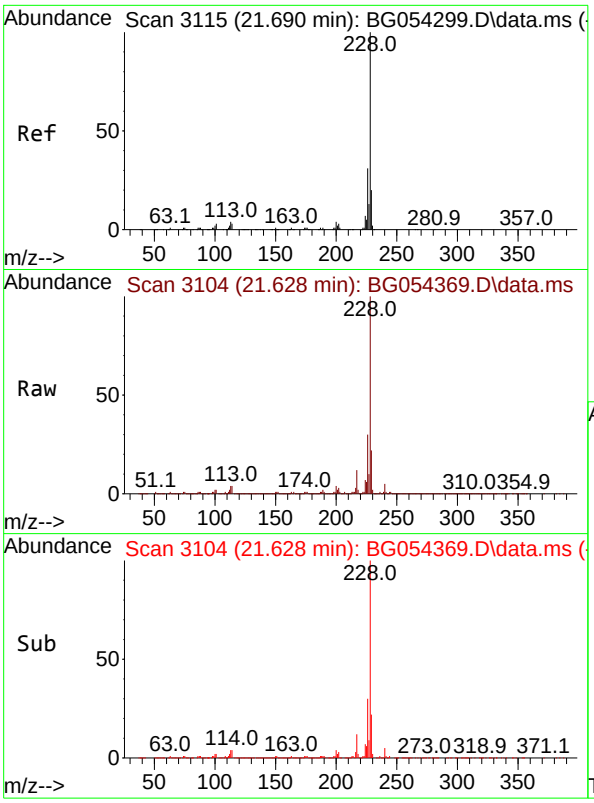


#81
Benzo(a)anthracene
Concen: 88.834 ng
RT: 21.628 min Scan# 3104
Delta R.T. 0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:228 Resp: 1011853

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.6	32.4
229	22.3	16.2	24.2



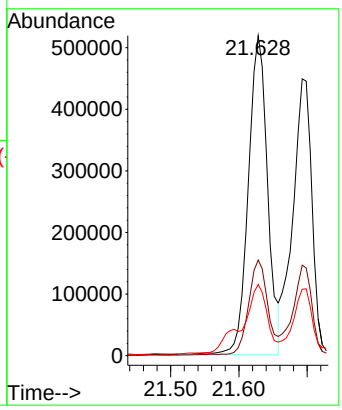


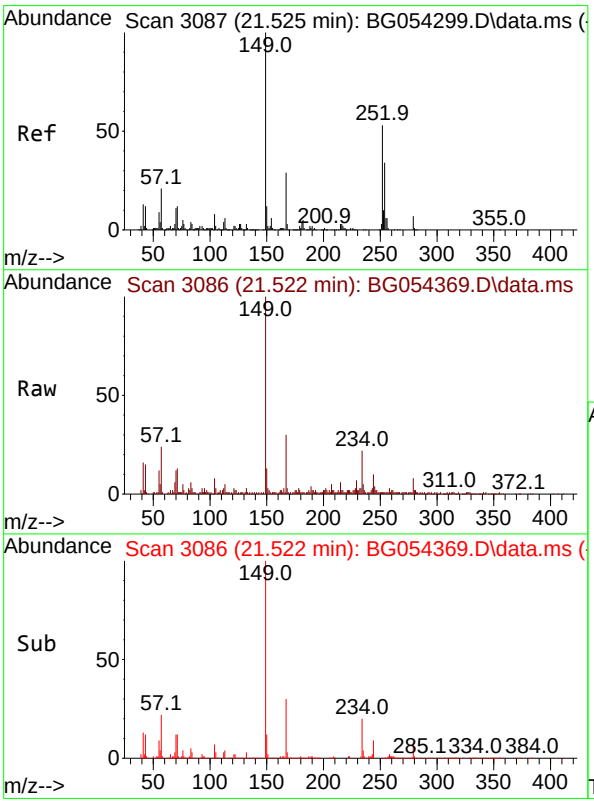
#83
Chrysene
Concen: 94.027 ng
RT: 21.628 min Scan# 3
Delta R.T. -0.062 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:228 Resp: 1011853

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.3	15.5	23.3

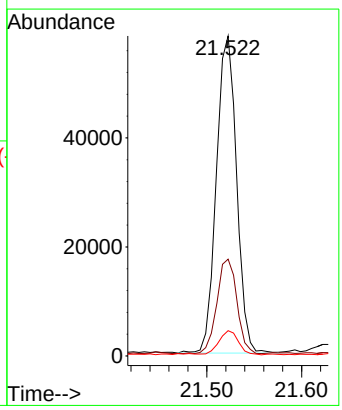


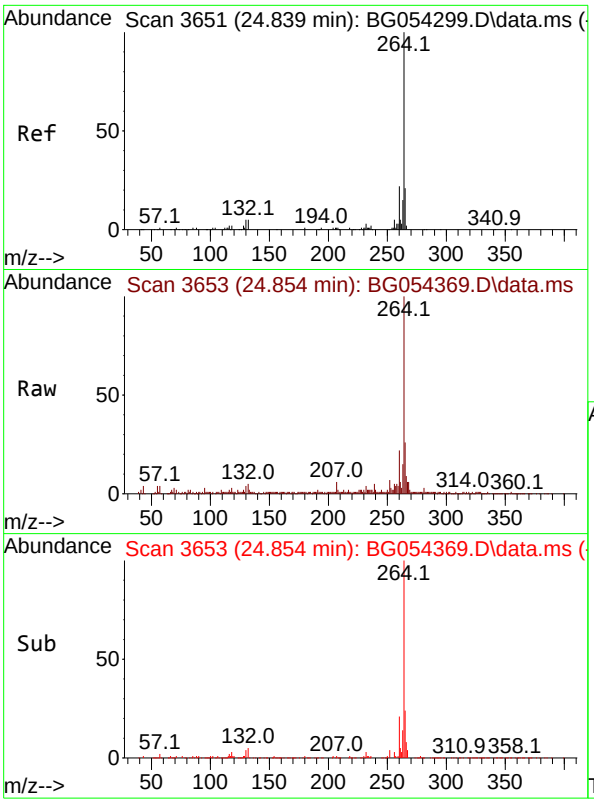


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.015 ng
RT: 21.522 min Scan# 3086
Delta R.T. -0.003 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:149 Resp: 86330

Ion	Ratio	Lower	Upper
149	100		
167	30.3	20.2	30.4
279	7.9	3.6	5.4#



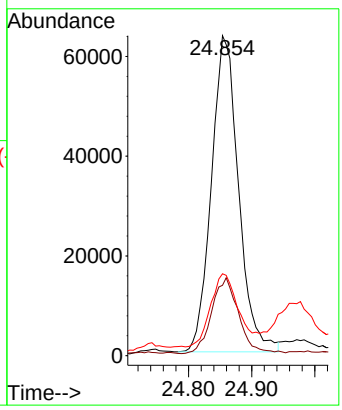


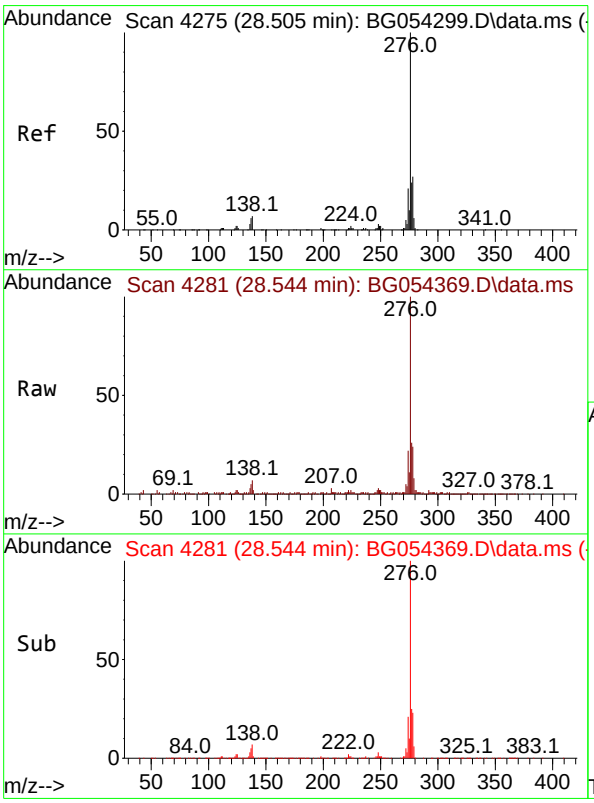
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.854 min Scan# 3
Delta R.T. 0.015 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:264 Resp: 189094

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.6
265	25.6	17.4	26.2

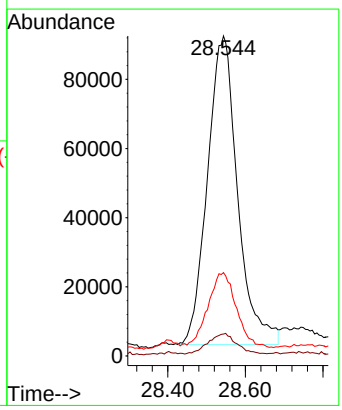


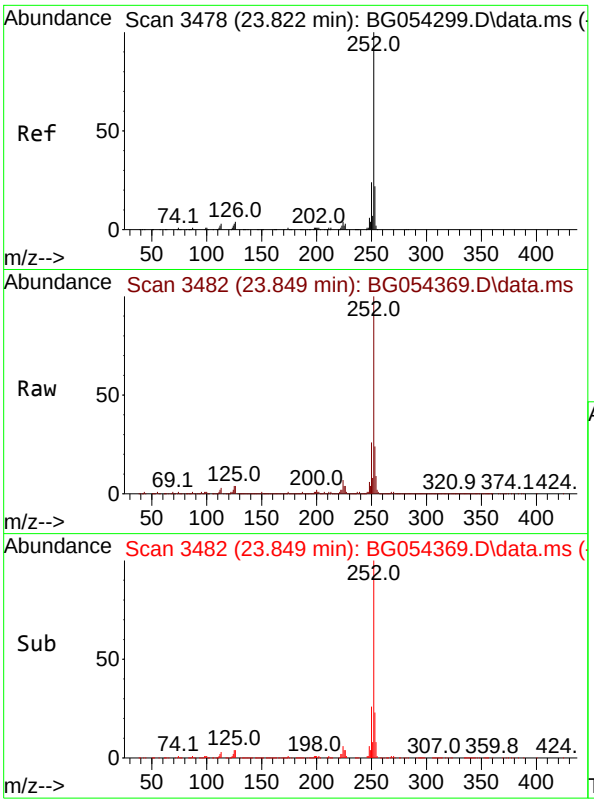


#87
Indeno(1,2,3-cd)pyrene
Concen: 33.526 ng
RT: 28.544 min Scan# 4281
Delta R.T. 0.038 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:276 Resp: 482281

Ion	Ratio	Lower	Upper
276	100		
138	6.2	5.0	7.4
277	23.3	20.3	30.5



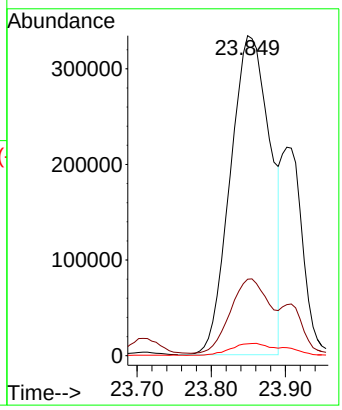


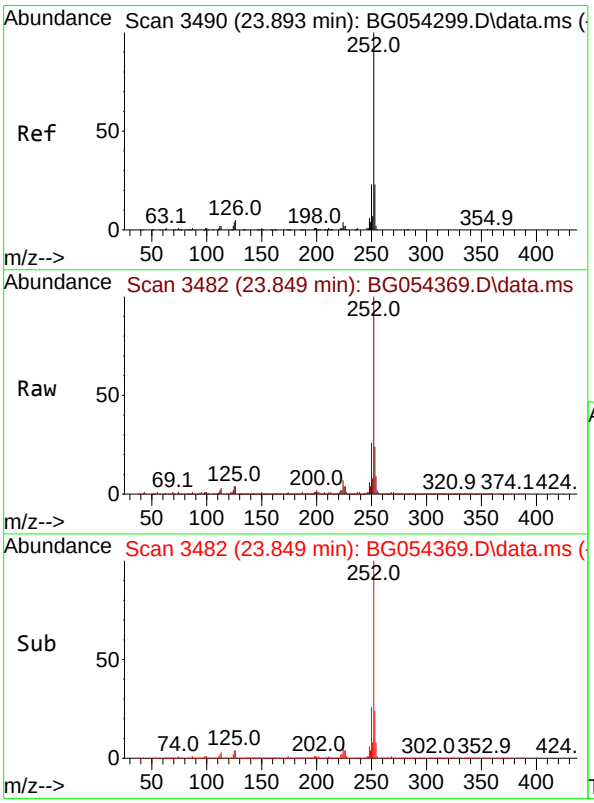
#88
Benzo(b)fluoranthene
Concen: 111.577 ng
RT: 23.849 min Scan# 34
Delta R.T. 0.027 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:252 Resp: 1247748

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	3.7	4.6	6.8#

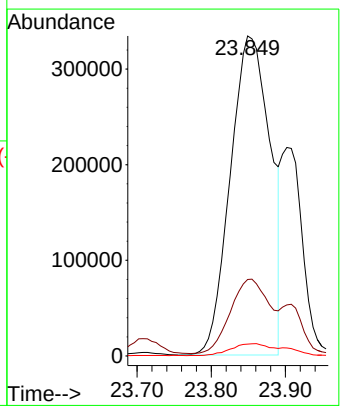


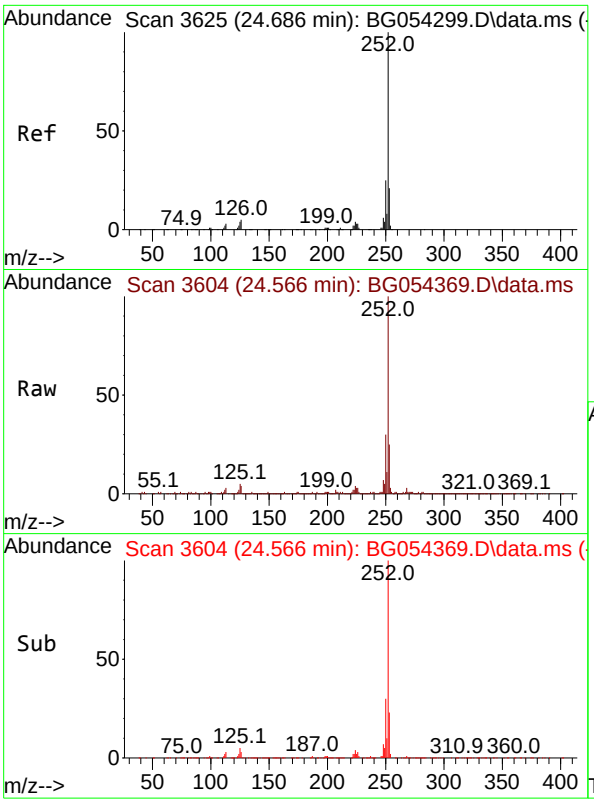


#89
Benzo(k)fluoranthene
Concen: 112.114 ng
RT: 23.849 min Scan# 3482
Delta R.T. -0.044 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:252 Resp: 1247748

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	3.7	4.8	7.2#



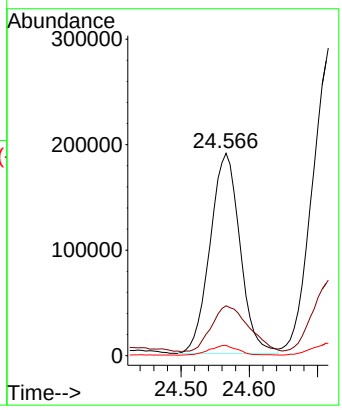


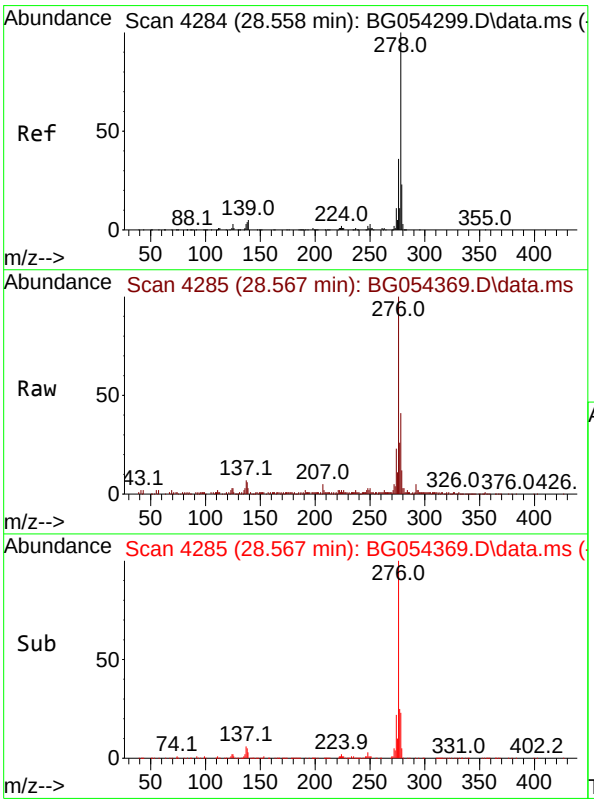
#90
Benzo(a)pyrene
Concen: 60.802 ng
RT: 24.566 min Scan# 3
Delta R.T. -0.120 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:252 Resp: 580669

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	5.1	4.3	6.5

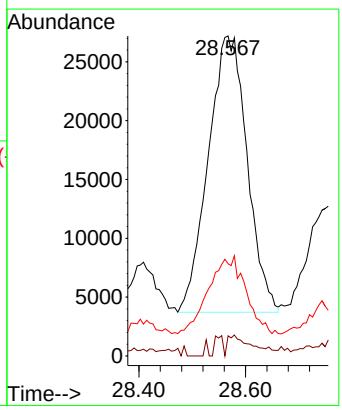


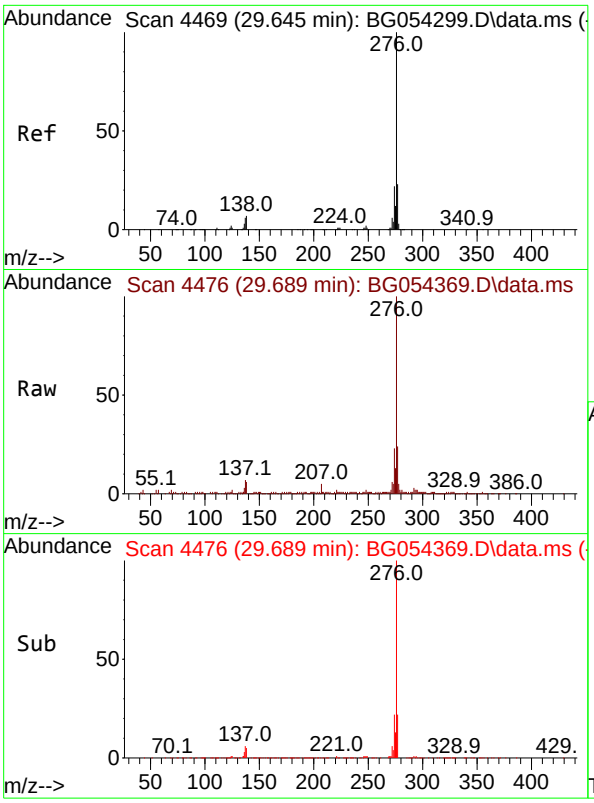


#91
Dibenzo(a,h)anthracene
Concen: 10.082 ng
RT: 28.567 min Scan# 4285
Delta R.T. 0.009 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Tgt Ion:278 Resp: 119253

Ion	Ratio	Lower	Upper
278	100		
139	6.3	7.2	10.8#
279	28.8	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 36.312 ng
RT: 29.689 min Scan# 44
Delta R.T. 0.044 min
Lab File: BG054369.D
Acq: 22 Jul 2022 21:28

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

Tgt Ion:276 Resp: 423933

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.3	25.9
138	6.1	9.6	14.4#