Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054467.D
Acq On : 1 Aug 2022 16:39
Operator : CG/JU
Sample : N3894-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-29

Quant Time: Aug 02 05:46:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	15585	20.000	ng		0.00
21) Naphthalene-d8	10.790	136	63733	20.000	ng	#	0.00
39) Acenaphthene-d10	14.621	164	52673	20.000	ng		0.00
64) Phenanthrene-d10	17.364	188	134819	20.000	ng	#	0.00
76) Chrysene-d12	21.630	240	150554	20.000	ng	#	0.00
86) Perylene-d12	24.832	264	158981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	71924	96.355	ng		0.00
7) Phenol-d6	7.176	99	102681	100.390	ng		0.00
23) Nitrobenzene-d5	9.145	82	77706	66.396	ng		0.00
42) 2,4,6-Tribromophenol	16.113	330	111619	100.927	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	255419	68.407	ng		0.00
79) Terphenyl-d14	19.973	244	554398	73.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	807	2.717	ng	#	1
9) Benzaldehyde	7.135	77	53	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.145	70	11134	16.301	ng	#	84
51) 2,6-Dinitrotoluene	14.621	165	7320	8.112	ng	#	16
57) 2,4-Dinitrotoluene	14.621	165	7320	5.658	ng	#	21
67) 4-Bromophenyl-phenylether	16.113	248	6635	3.504	ng	#	1
71) Phenanthrene	17.405	178	16446	2.450	ng		96
72) Anthracene	17.405	178	16446	2.496	ng		98
75) Fluoranthene	19.421	202	76329	8.340	ng		97
77) Benzidine	19.973	184	7424	2.723	ng	#	96
78) Pyrene	19.779	202	74019	8.568	ng		99
81) Benzo(a)anthracene	21.612	228	42906	4.489	ng		97
83) Chrysene	21.677	228	44929	4.976	ng		95
87) Indeno(1,2,3-cd)pyrene	28.504	276	29236	2.417	ng	#	58
88) Benzo(b)fluoranthene	23.816	252	62067	6.602	ng		99
89) Benzo(k)fluoranthene	23.816	252	62067	6.633	ng		99
90) Benzo(a)pyrene	24.673	252	37265	4.641	ng		93
92) Benzo(g,h,i)perylene	29.656	276	27989	2.852	ng	#	90

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

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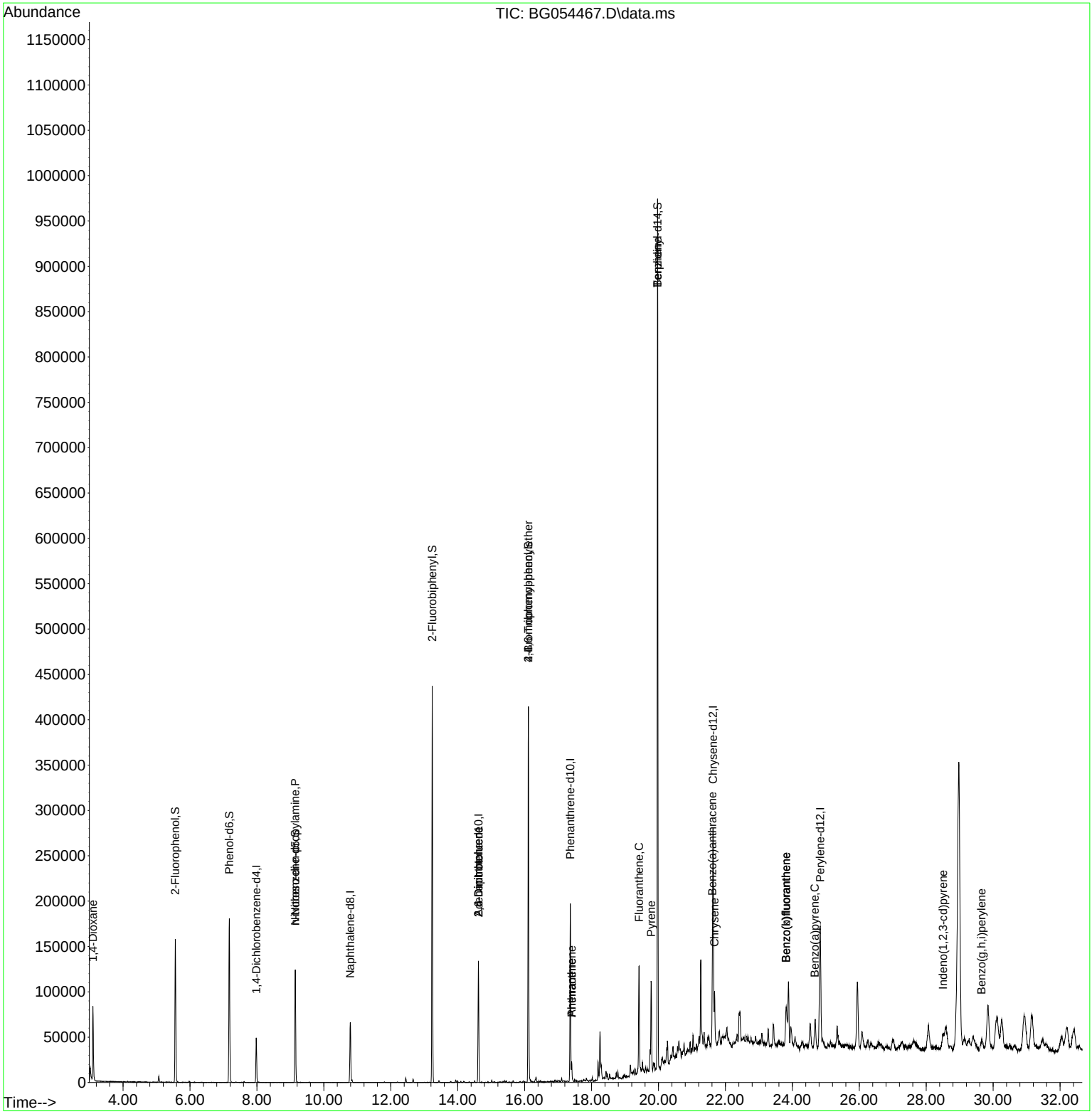
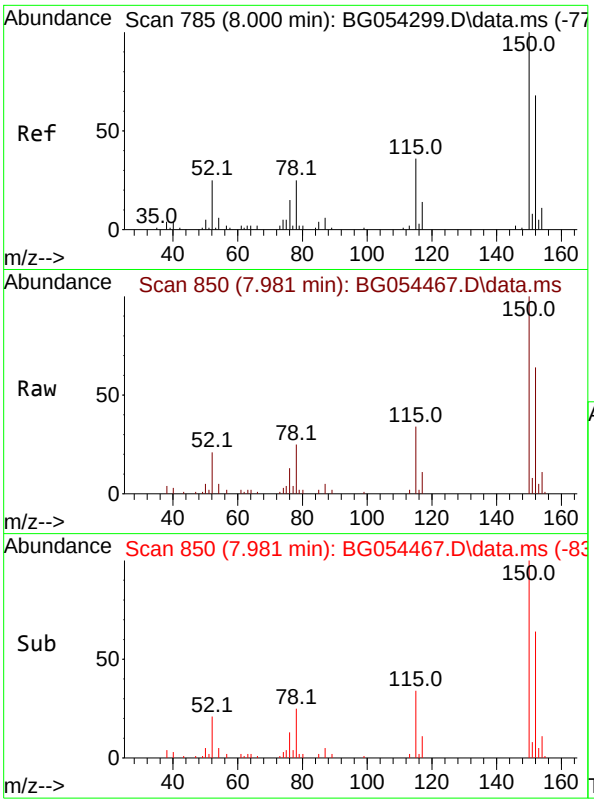


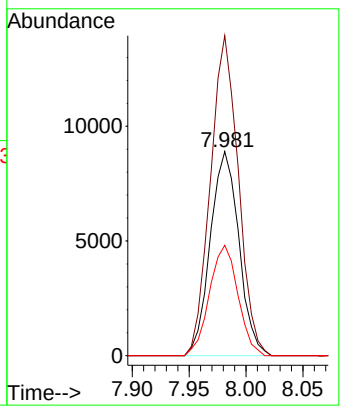


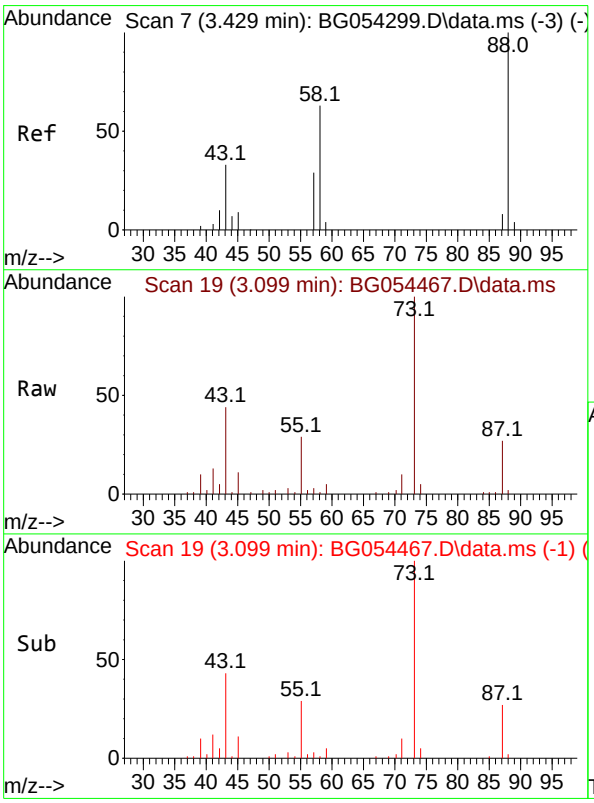
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:152 Resp: 15585

Ion	Ratio	Lower	Upper
152	100		
150	156.8	131.6	197.4
115	54.1	50.9	76.3

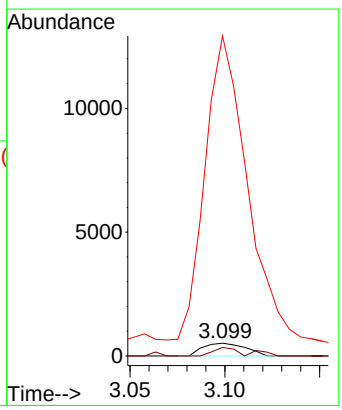


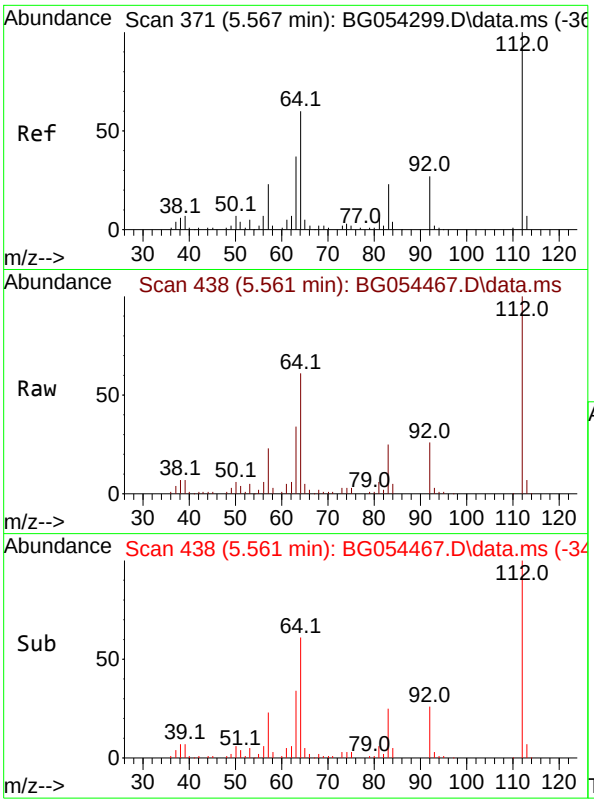


#2
1,4-Dioxane
Concen: 2.717 ng
RT: 3.099 min Scan# 19
Delta R.T. -0.319 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion: 88 Resp: 807

Ion	Ratio	Lower	Upper
88	100		
58	34.2	59.2	88.8#
43	2483.4	24.3	36.5#



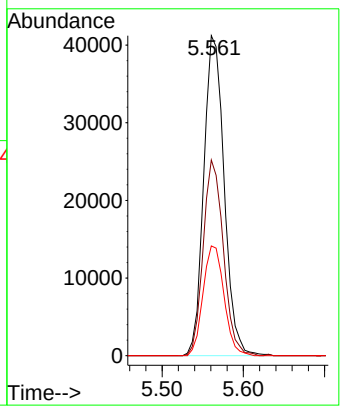


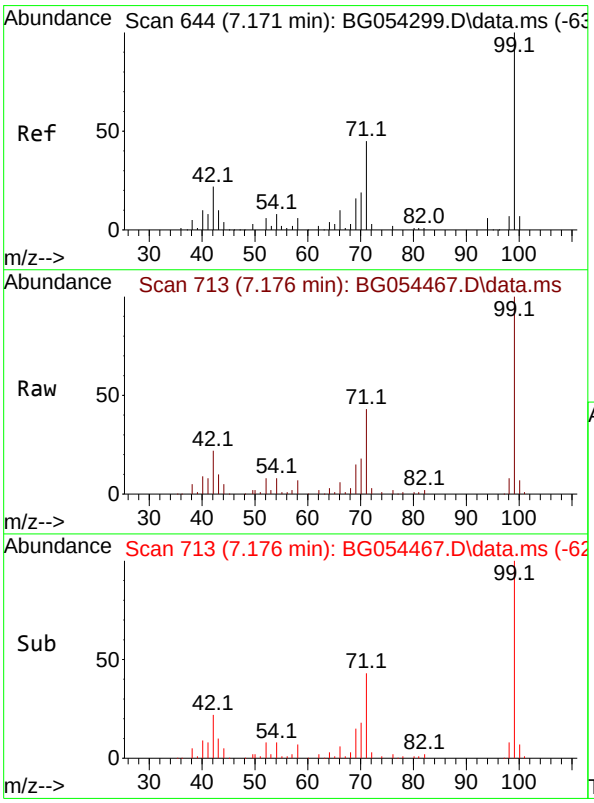
#5
2-Fluorophenol
Concen: 96.355 ng
RT: 5.561 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:112 Resp: 71924

Ion	Ratio	Lower	Upper
112	100		
64	61.1	55.1	82.7
63	34.3	30.4	45.6

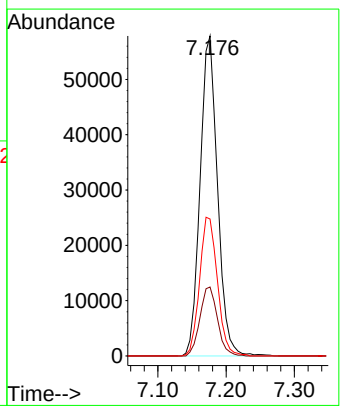


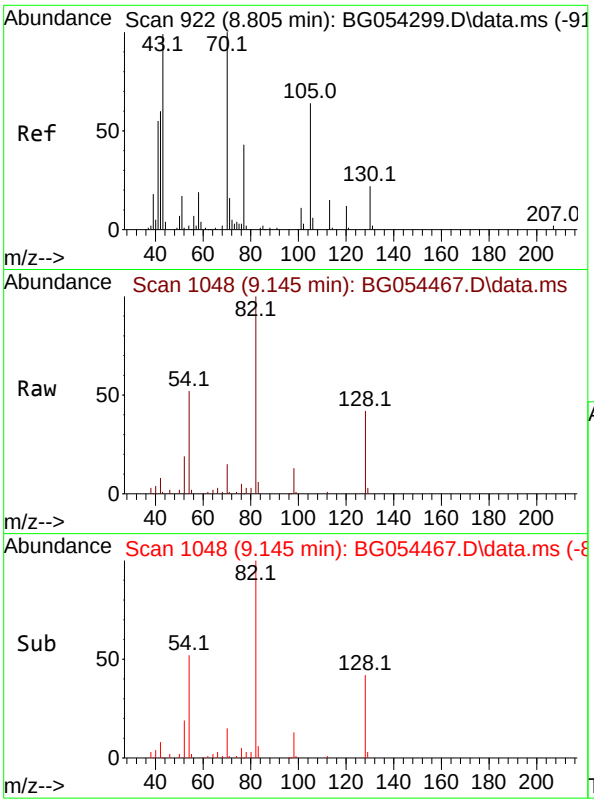


#7
Phenol-d6
Concen: 100.390 ng
RT: 7.176 min Scan# 713
Delta R.T. 0.005 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion: 99 Resp: 102681

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	42.8	33.8	50.8



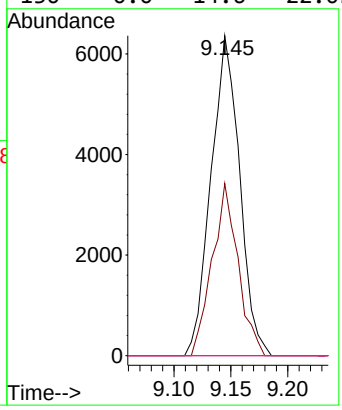


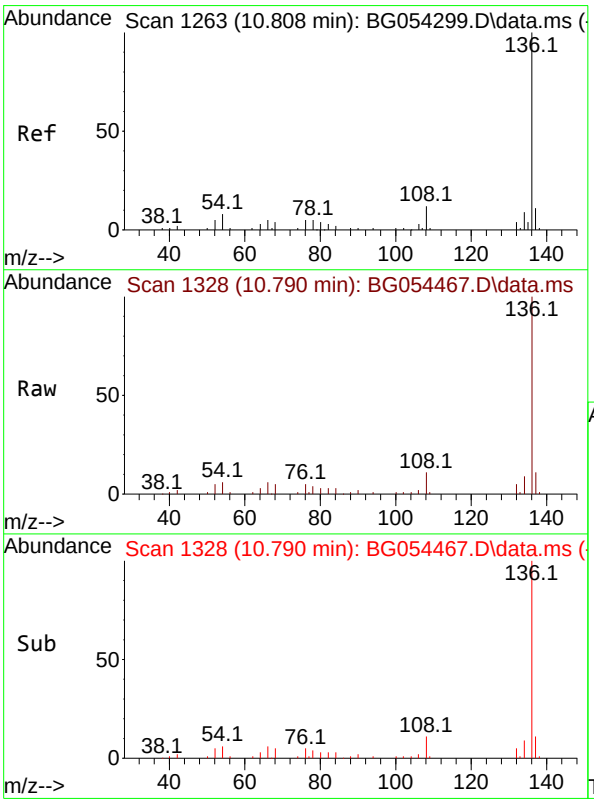
#19
n-Nitroso-di-n-propylamine
Concen: 16.301 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.351 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion: 70 Resp: 11134

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

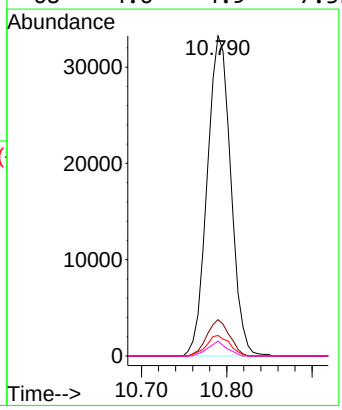


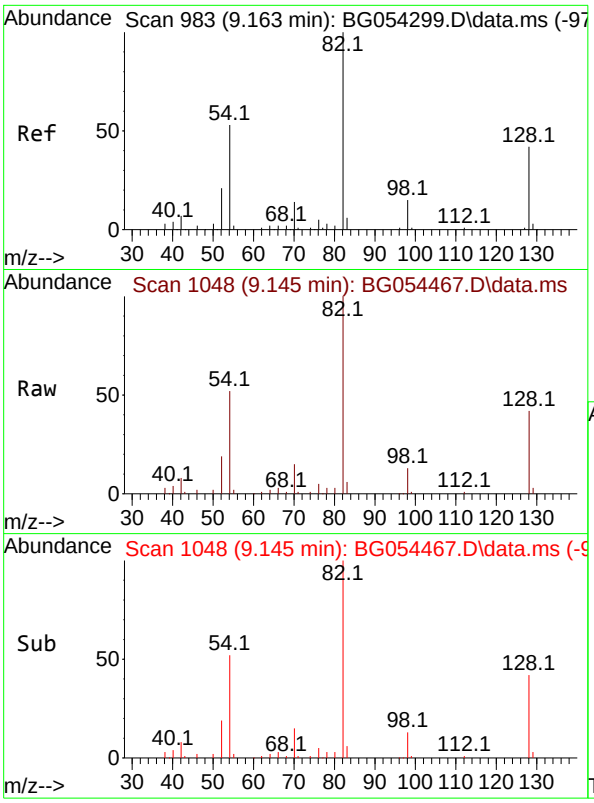


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:136 Resp: 63733

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.4	7.4	11.2#
68	4.6	4.9	7.3#



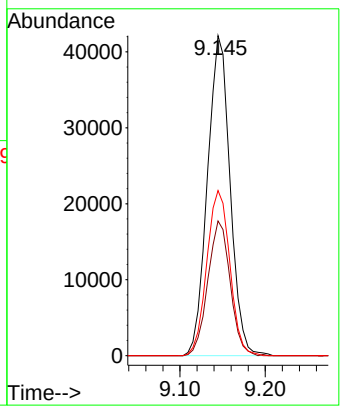


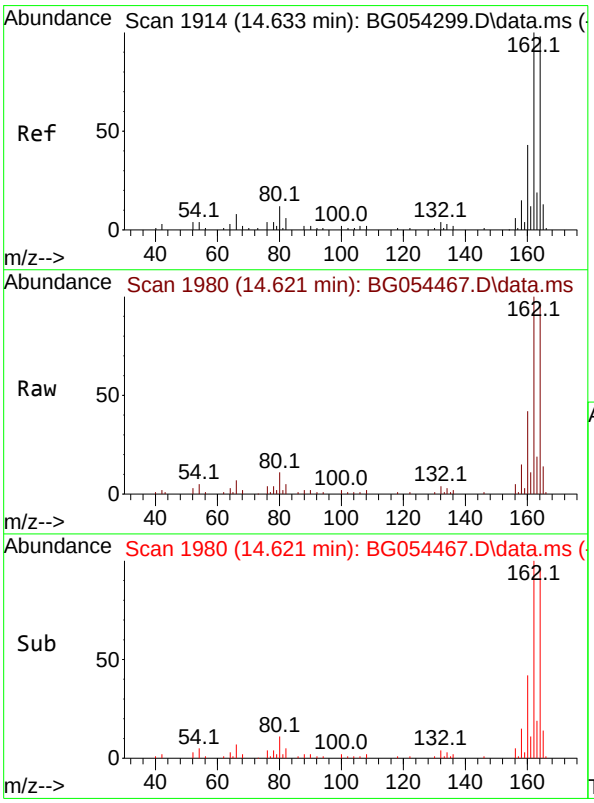
#23
Nitrobenzene-d5
Concen: 66.396 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion: 82 Resp: 77706

Ion	Ratio	Lower	Upper
82	100		
128	42.1	27.9	41.9#
54	51.6	41.2	61.8

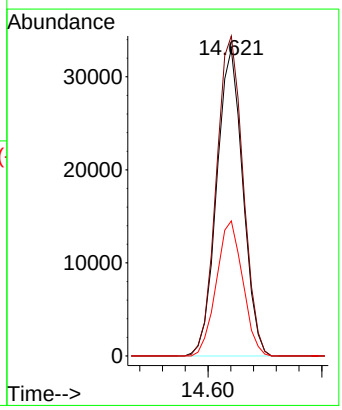


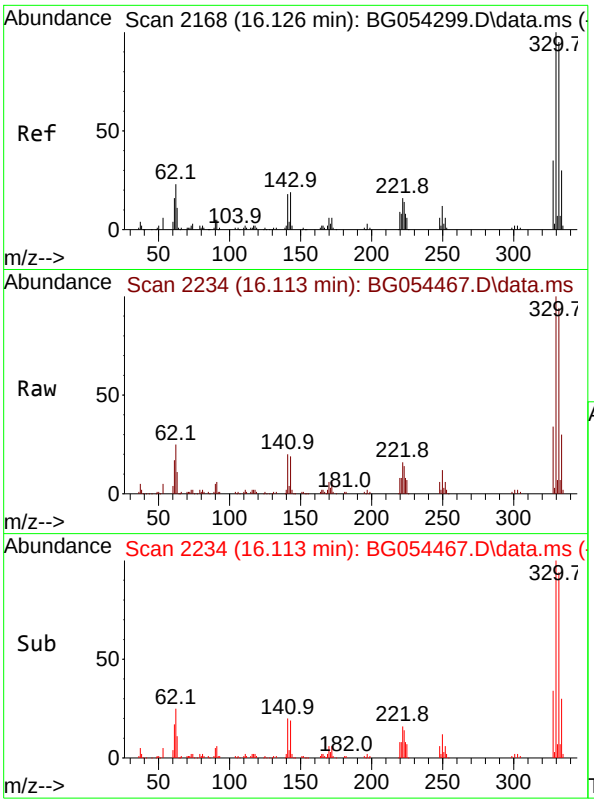


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:164 Resp: 52673

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.3	123.5
160	44.0	34.2	51.2



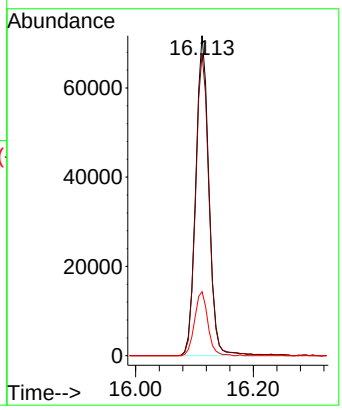


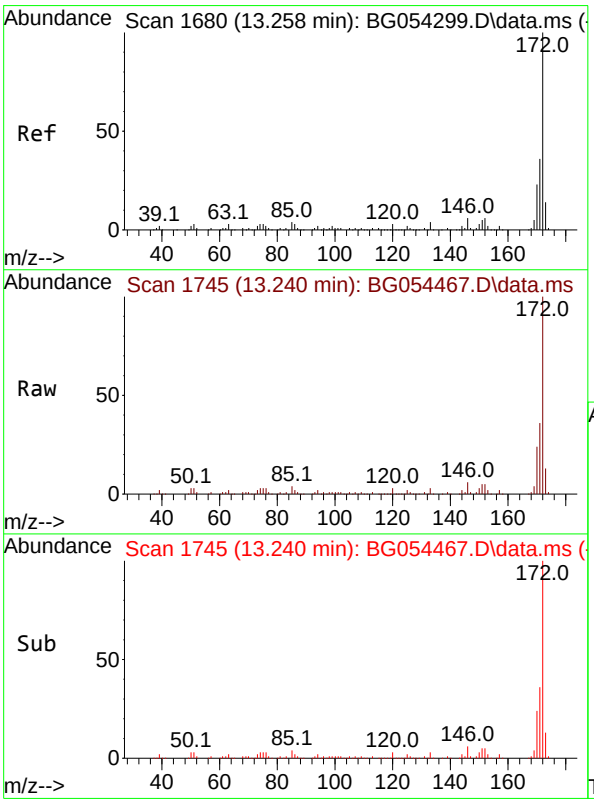
#42
2,4,6-Tribromophenol
Concen: 100.927 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:330 Resp: 111619

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	20.0	27.1	40.7#

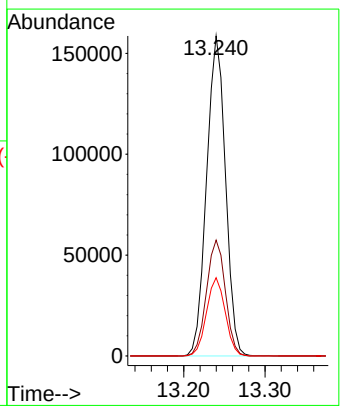


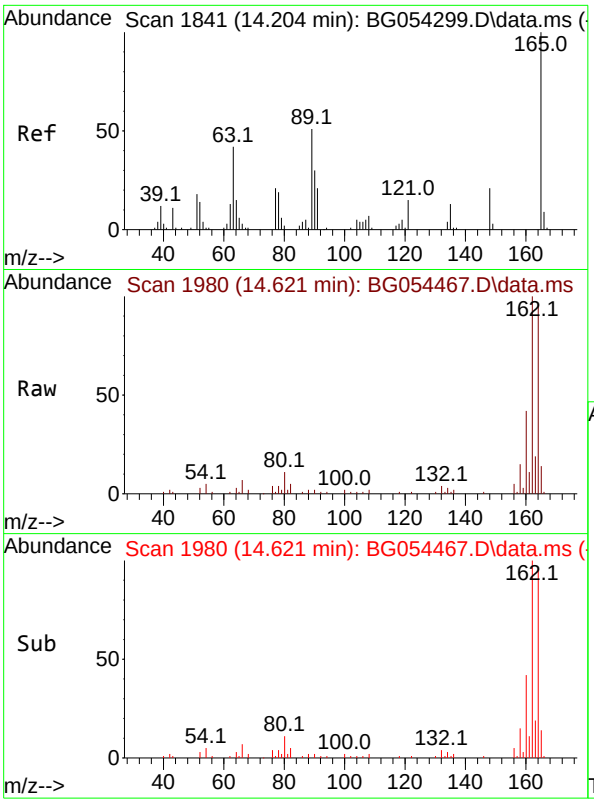


#45
2-Fluorobiphenyl
Concen: 68.407 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:172 Resp: 255419

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.4	18.9	28.3



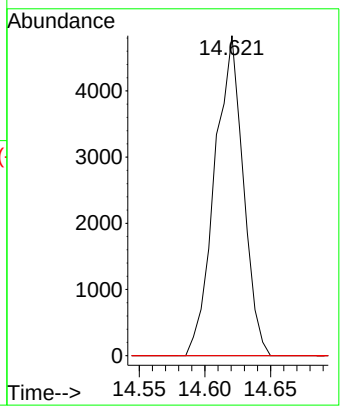


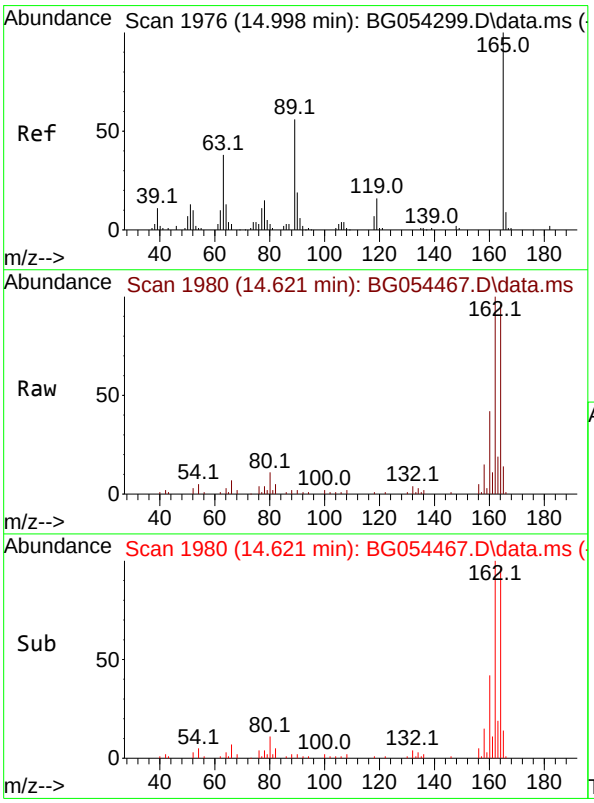
#51
2,6-Dinitrotoluene
Concen: 8.112 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:165 Resp: 7320

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

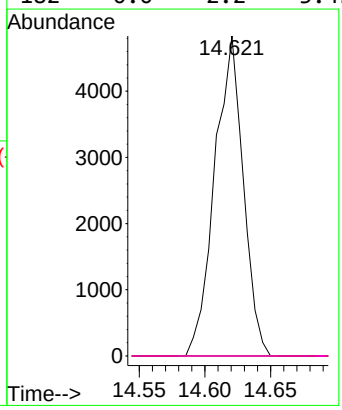


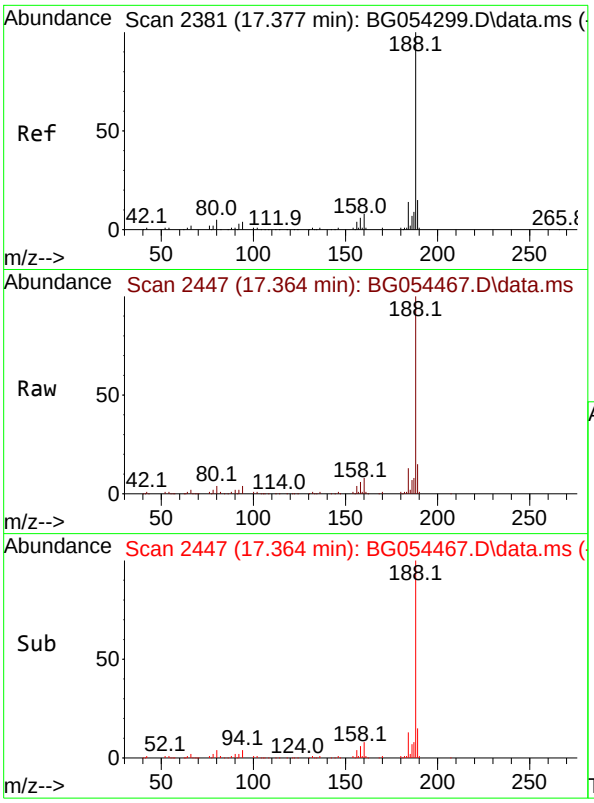


#57
2,4-Dinitrotoluene
Concen: 5.658 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:165 Resp: 7320

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



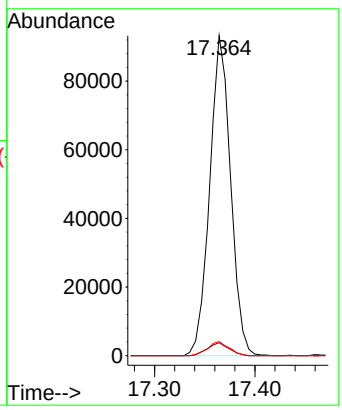


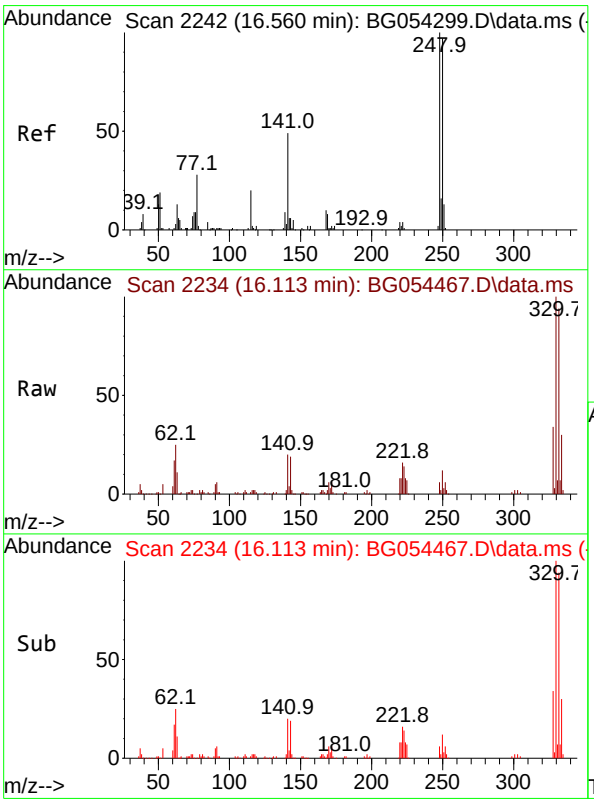
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:188 Resp: 134819

Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	4.4	6.8	10.2#

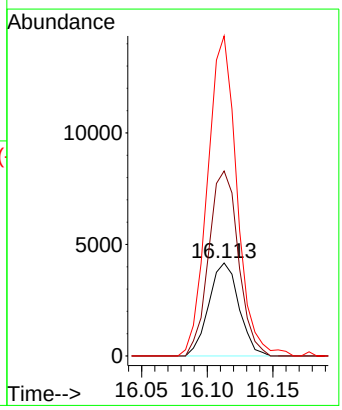


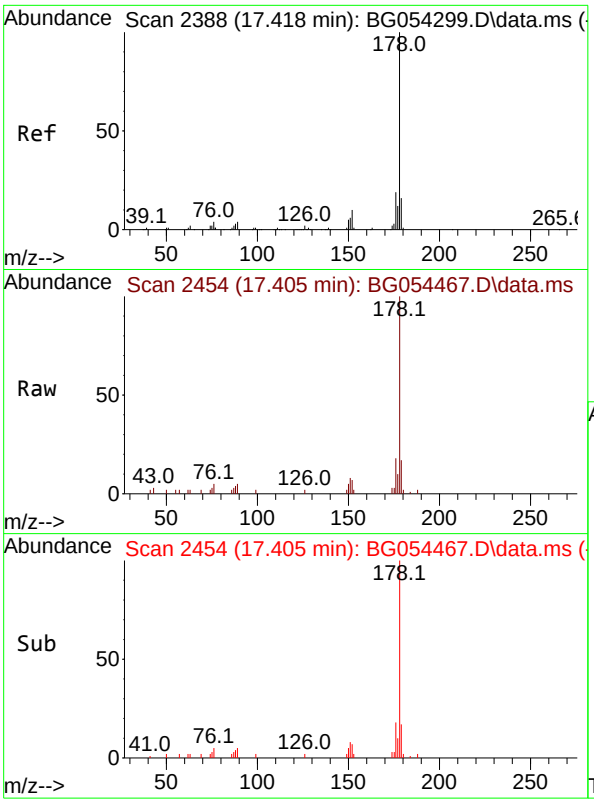


#67
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:248 Resp: 6635

Ion	Ratio	Lower	Upper
248	100		
250	153.7	75.2	112.8#
141	266.0	50.0	75.0#



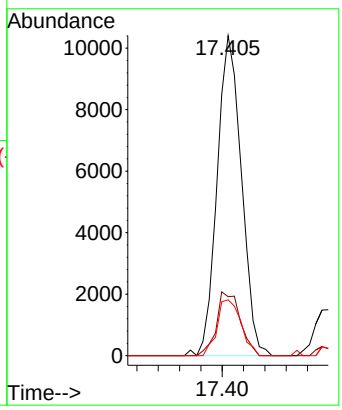


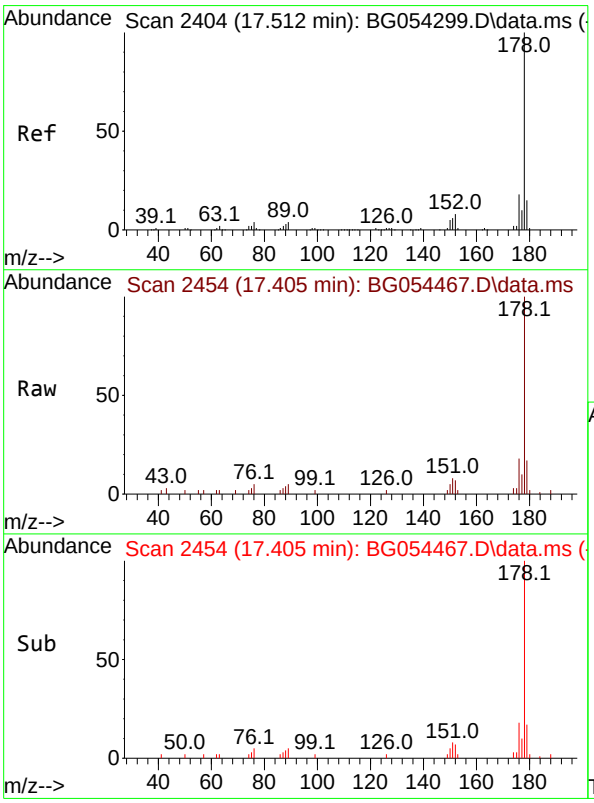
#71
Phenanthrene
Concen: 2.450 ng
RT: 17.405 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:178 Resp: 16446

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	17.4	12.1	18.1

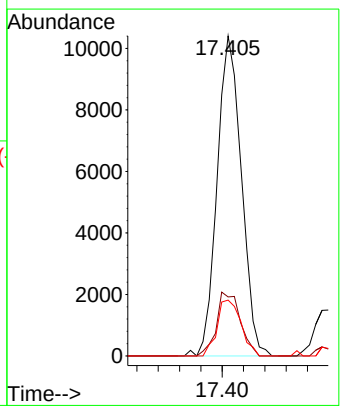


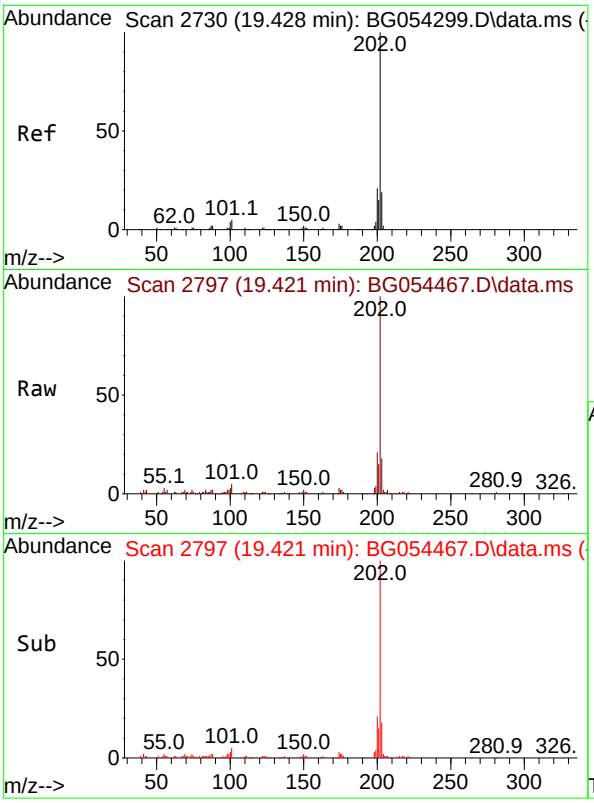


#72
Anthracene
Concen: 2.496 ng
RT: 17.405 min Scan# 2454
Delta R.T. -0.095 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:178 Resp: 16446

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	17.4	13.0	19.4



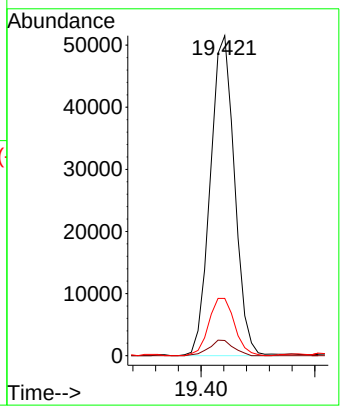


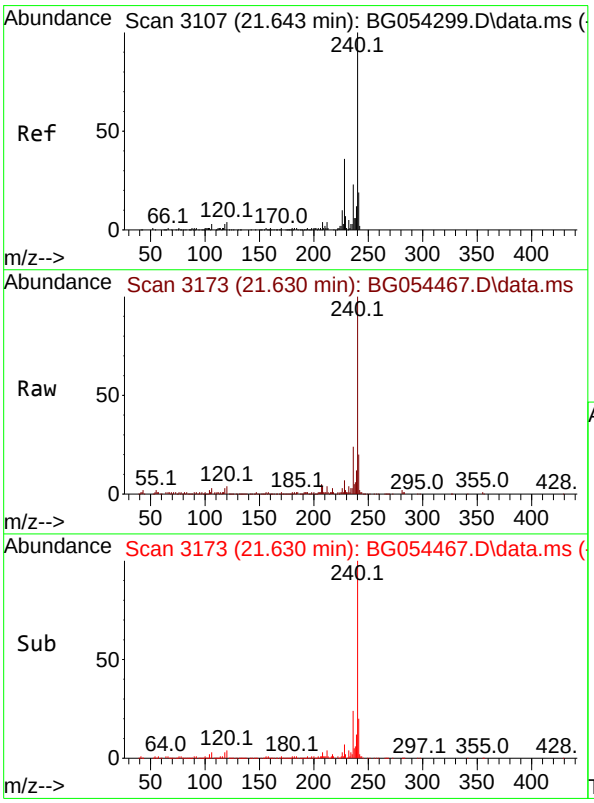
#75
Fluoranthene
Concen: 8.340 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:202 Resp: 76329

Ion	Ratio	Lower	Upper
202	100		
101	4.7	0.0	26.9
203	17.9	0.0	37.2

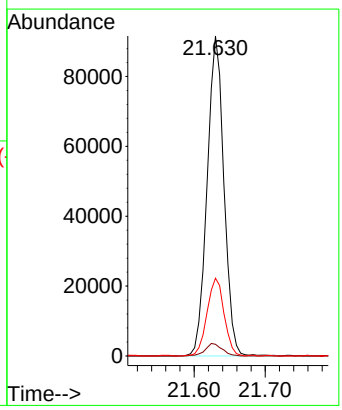


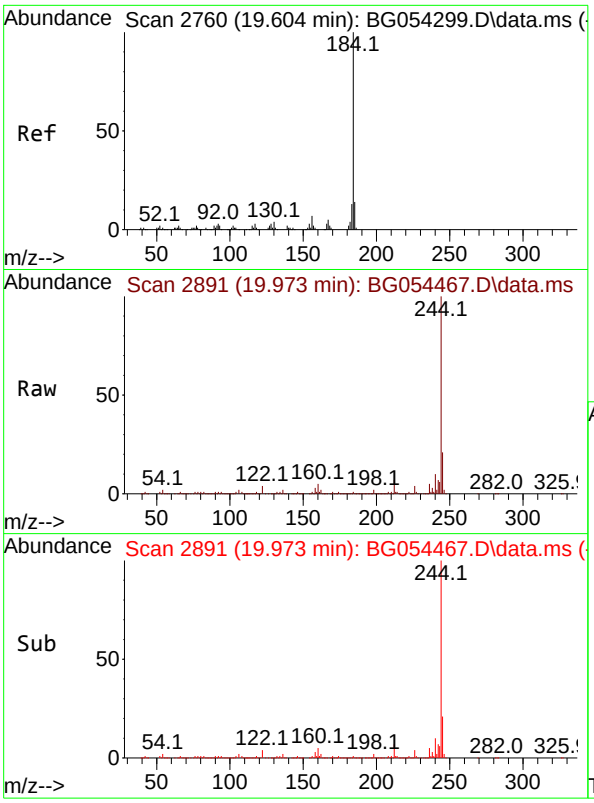


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:240 Resp: 150554

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.3	20.2	30.4



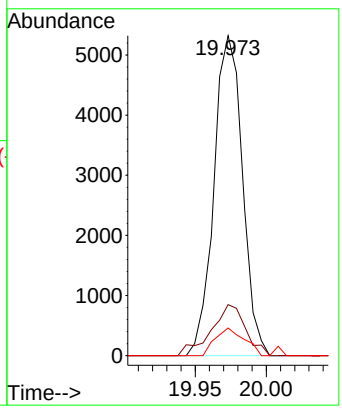


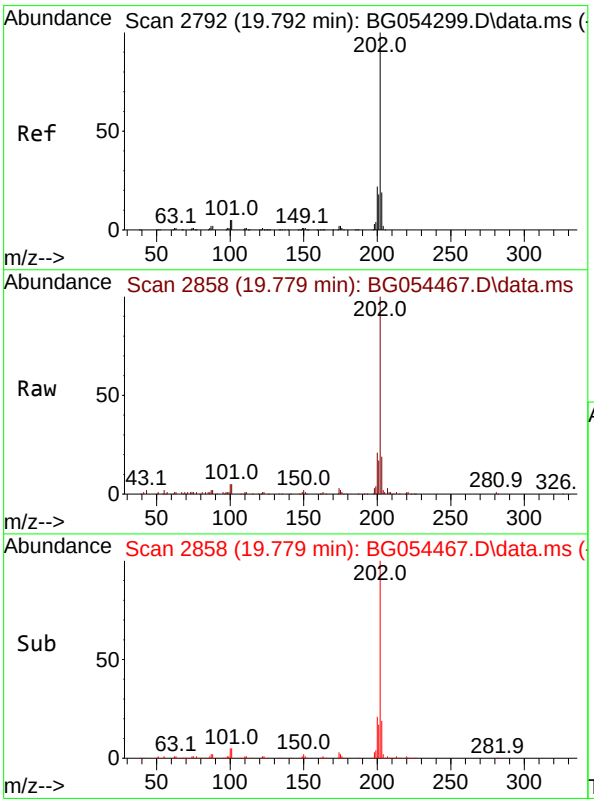
#77
Benzidine
Concen: 2.723 ng
RT: 19.973 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:184 Resp: 7424

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.6
183	8.7	8.9	13.3#

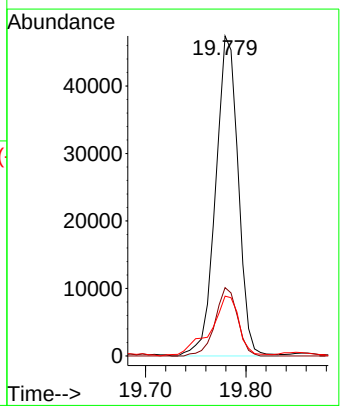


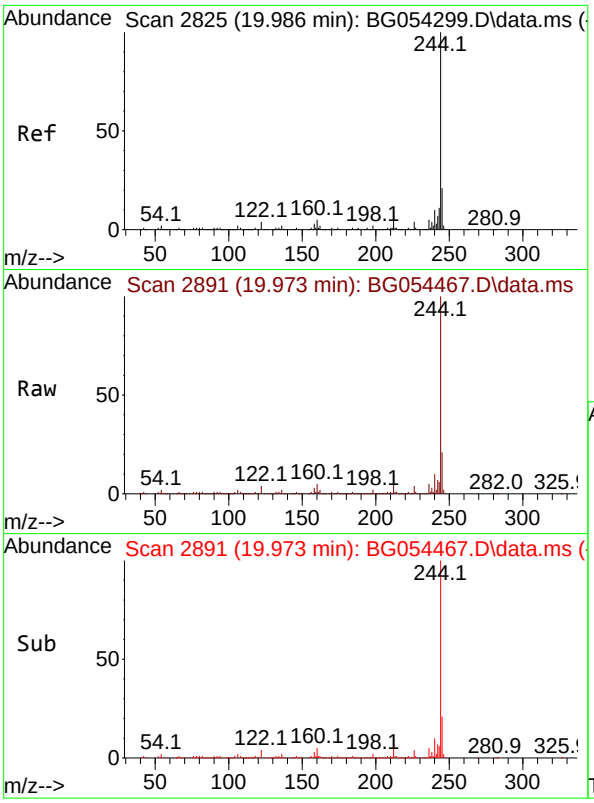


#78
Pyrene
Concen: 8.568 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:202 Resp: 74019

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	18.7	14.6	21.8



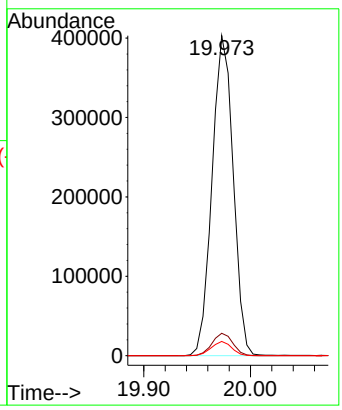


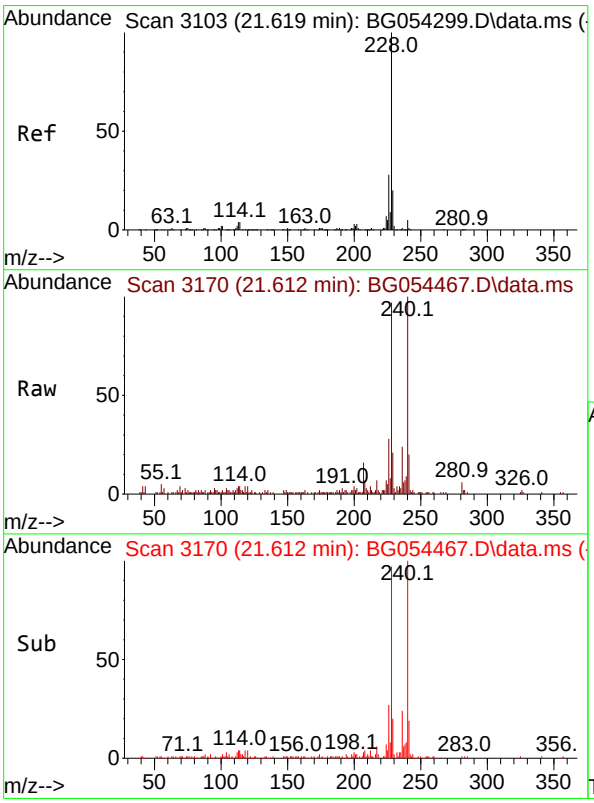
#79
Terphenyl-d14
Concen: 73.051 ng
RT: 19.973 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:244 Resp: 554398

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	4.4	5.0	7.4#

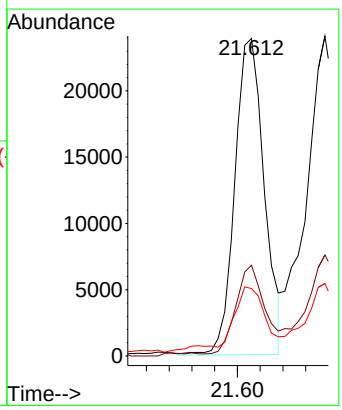


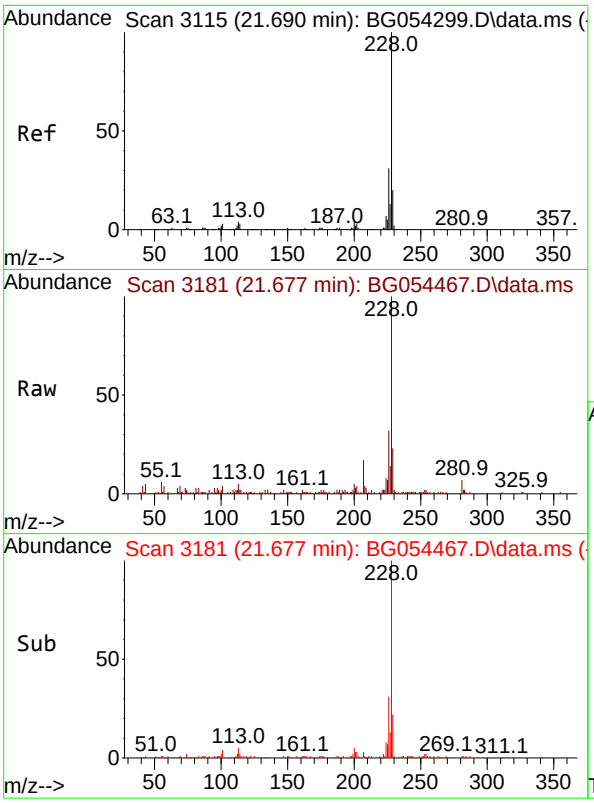


#81
Benzo(a)anthracene
Concen: 4.489 ng
RT: 21.612 min Scan# 3170
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:228 Resp: 42906

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.6	32.4
229	21.2	16.2	24.2



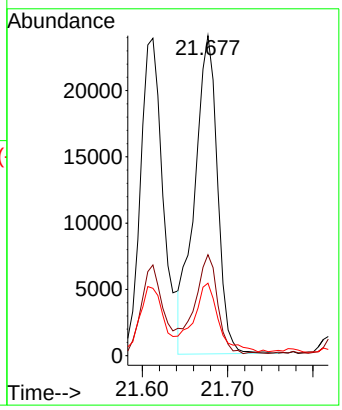


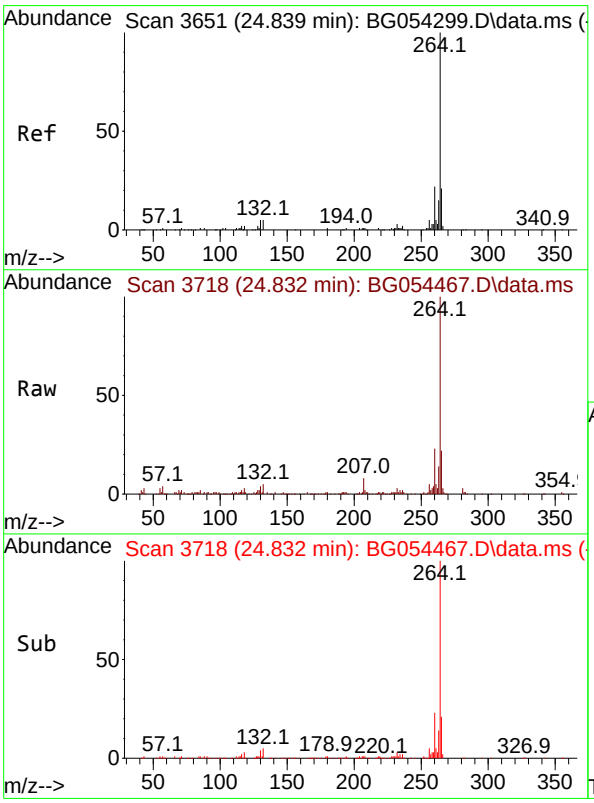
#83
Chrysene
Concen: 4.976 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:228 Resp: 44929

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	22.6	15.5	23.3

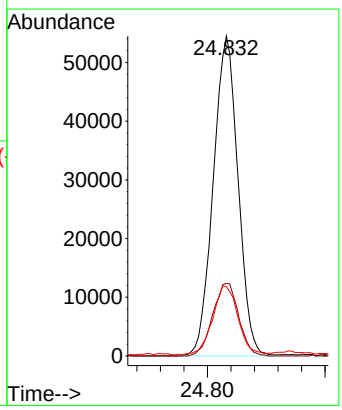


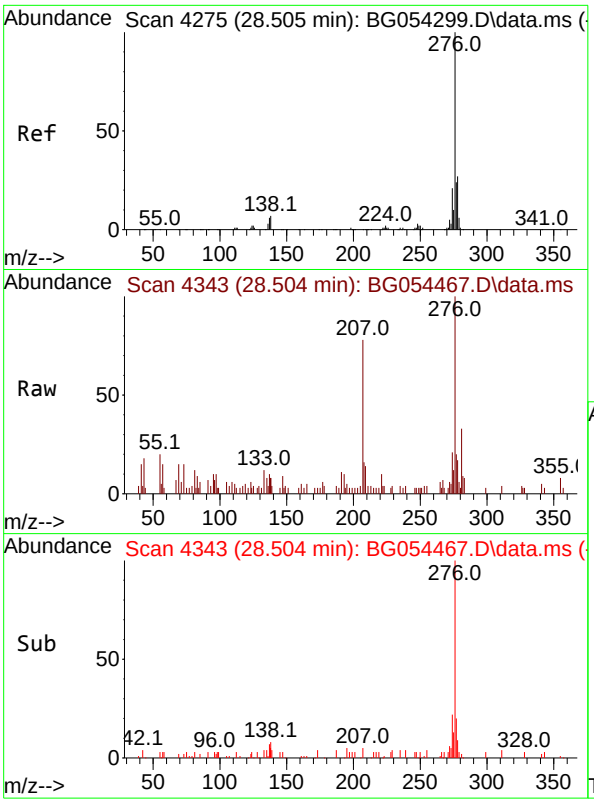


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.832 min Scan# 3718
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:264 Resp: 158981

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	21.7	17.4	26.2



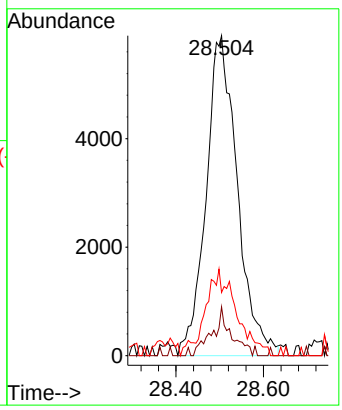


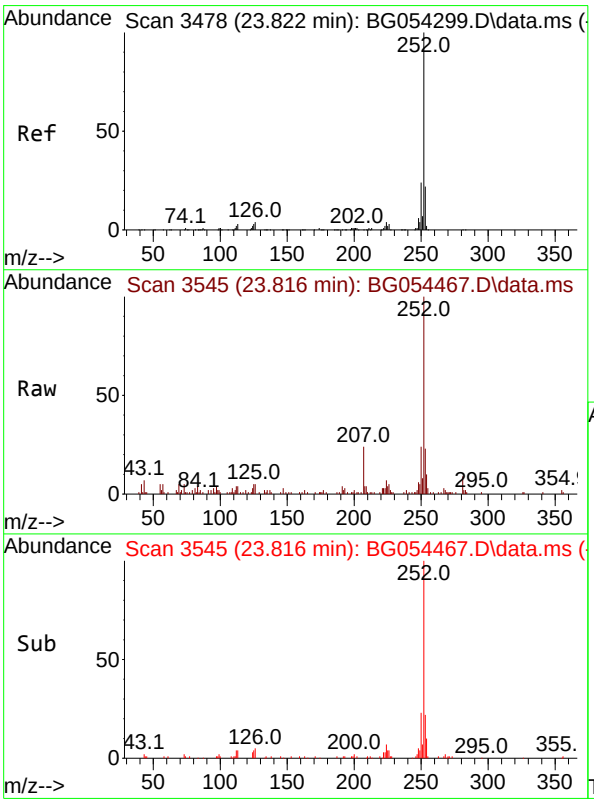
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.417 ng
RT: 28.504 min Scan# 4
Delta R.T. -0.013 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:276 Resp: 29236

Ion	Ratio	Lower	Upper
276	100		
138	9.4	5.0	7.4#
277	0.0	20.3	30.5#

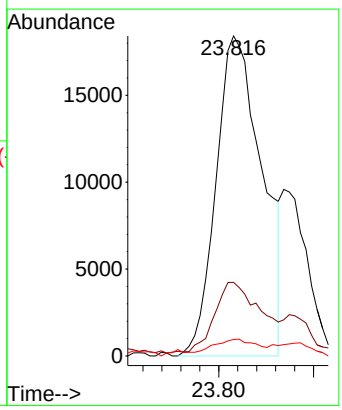


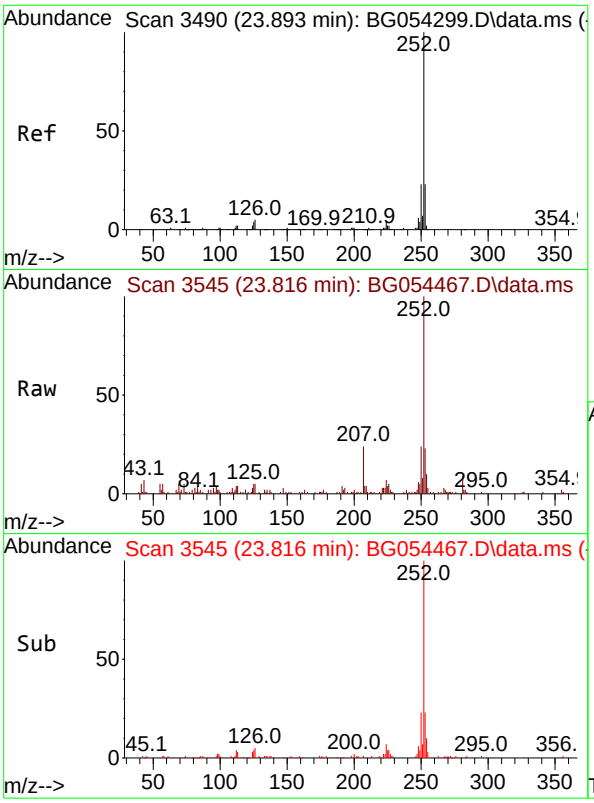


#88
Benzo(b)fluoranthene
Concen: 6.602 ng
RT: 23.816 min Scan# 3545
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:252 Resp: 62067

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	5.2	4.6	6.8



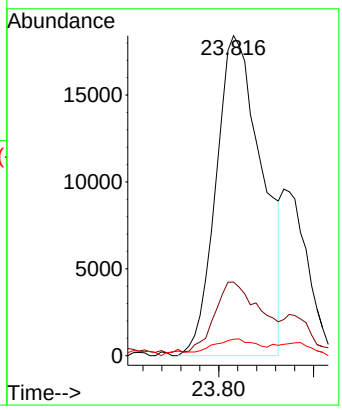


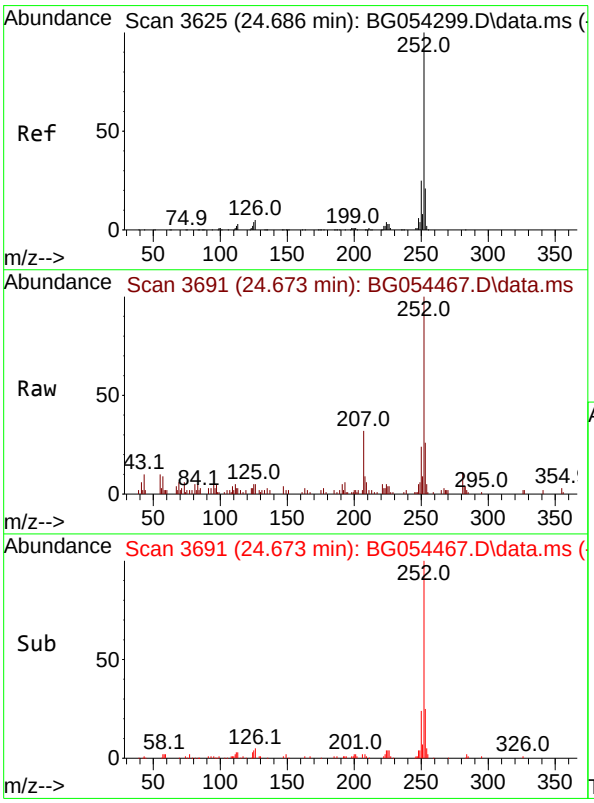
#89
Benzo(k)fluoranthene
Concen: 6.633 ng
RT: 23.816 min Scan# 3
Delta R.T. -0.072 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:252 Resp: 62067

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.2	4.8	7.2

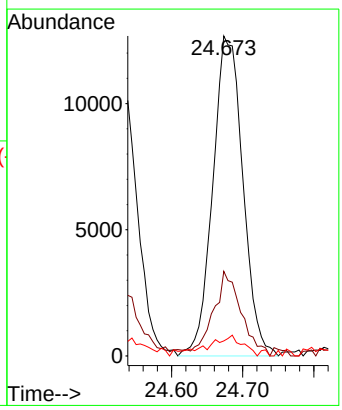


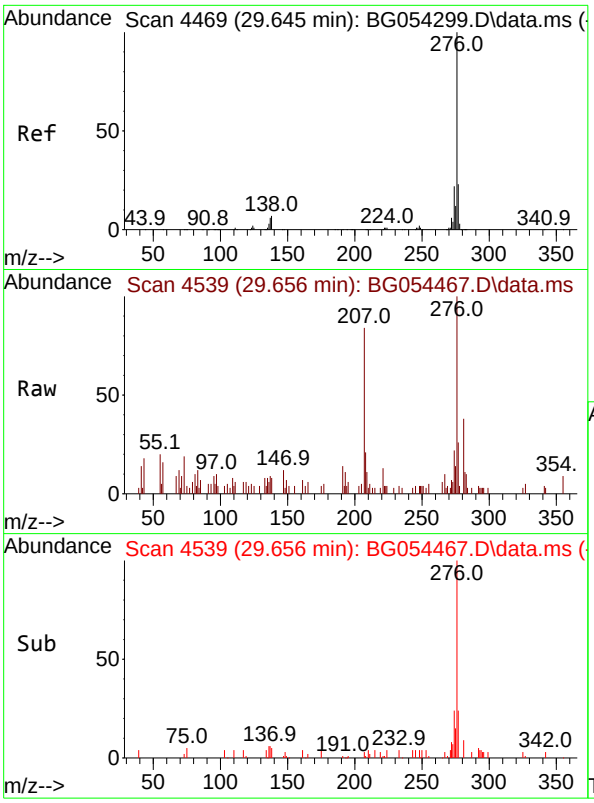


#90
Benzo(a)pyrene
Concen: 4.641 ng
RT: 24.673 min Scan# 3691
Delta R.T. -0.013 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:252 Resp: 37265

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	4.7	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 2.852 ng
RT: 29.656 min Scan# 4
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion:276 Resp: 27989

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.3	25.9#
138	8.3	9.6	14.4#