Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Time: Sep 02 02:55:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	48971	20.000	ng		0.00
21) Naphthalene-d8	10.972	136	202325	20.000	ng		0.00
39) Acenaphthene-d10	14.780	164	126182	20.000	ng		0.00
64) Phenanthrene-d10	17.529	188	252807	20.000	ng		0.00
76) Chrysene-d12	21.824	240	235482	20.000	ng		0.00
86) Perylene-d12	25.203	264	254651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	315162	112.069	ng		0.00
7) Phenol-d6	7.300	99	422072	109.744	ng		0.00
23) Nitrobenzene-d5	9.321	82	260256	67.528	ng		0.00
42) 2,4,6-Tribromophenol	16.266	330	169442	107.464	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	602252	71.737	ng		0.00
79) Terphenyl-d14	20.126	244	827860	69.658	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	34777	13.150	ng	#	78
31) Naphthalene	11.025	128	75069	6.915	ng		99
32) Benzoic acid	10.162	122	171	7.878	ng	#	64
33) 4-Chloroaniline	11.025	127	9945	2.247	ng	#	30
37) 2-Methylnaphthalene	12.618	142	65293	8.582	ng		99
38) 1-Methylnaphthalene	12.835	142	49201	6.647	ng		100
50) Dimethylphthalate	14.222	163	41437	4.263	ng		97
54) 2,4-Dinitrophenol	15.332	184	639	7.221	ng	#	24
55) Dibenzofuran	15.173	168	52941	4.776	ng	#	95
67) 4-Bromophenyl-phenylether	16.266	248	11013	3.968	ng	#	1
71) Phenanthrene	17.571	178	172984	12.845	ng		99
72) Anthracene	17.659	178	40267	3.075	ng		98
75) Fluoranthene	19.586	202	234045	14.286	ng		99
78) Pyrene	19.938	202	208738	12.712	ng		97
81) Benzo(a)anthracene	21.871	228	185679	11.629	ng		95
83) Chrysene	21.871	228	185679	12.163	ng		97
87) Indeno(1,2,3-cd)pyrene	29.081	276	120589	6.238	ng	#	94
88) Benzo(b)fluoranthene	24.128	252	263354	16.486	ng		97
89) Benzo(k)fluoranthene	24.128	252	263354	16.381	ng		97
90) Benzo(a)pyrene	25.038	252	123957	9.082	ng	#	95
91) Dibenzo(a,h)anthracene	29.145	278	33381	2.119	ng	#	74
92) Benzo(g,h,i)perylene	30.303	276	115378	7.251	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
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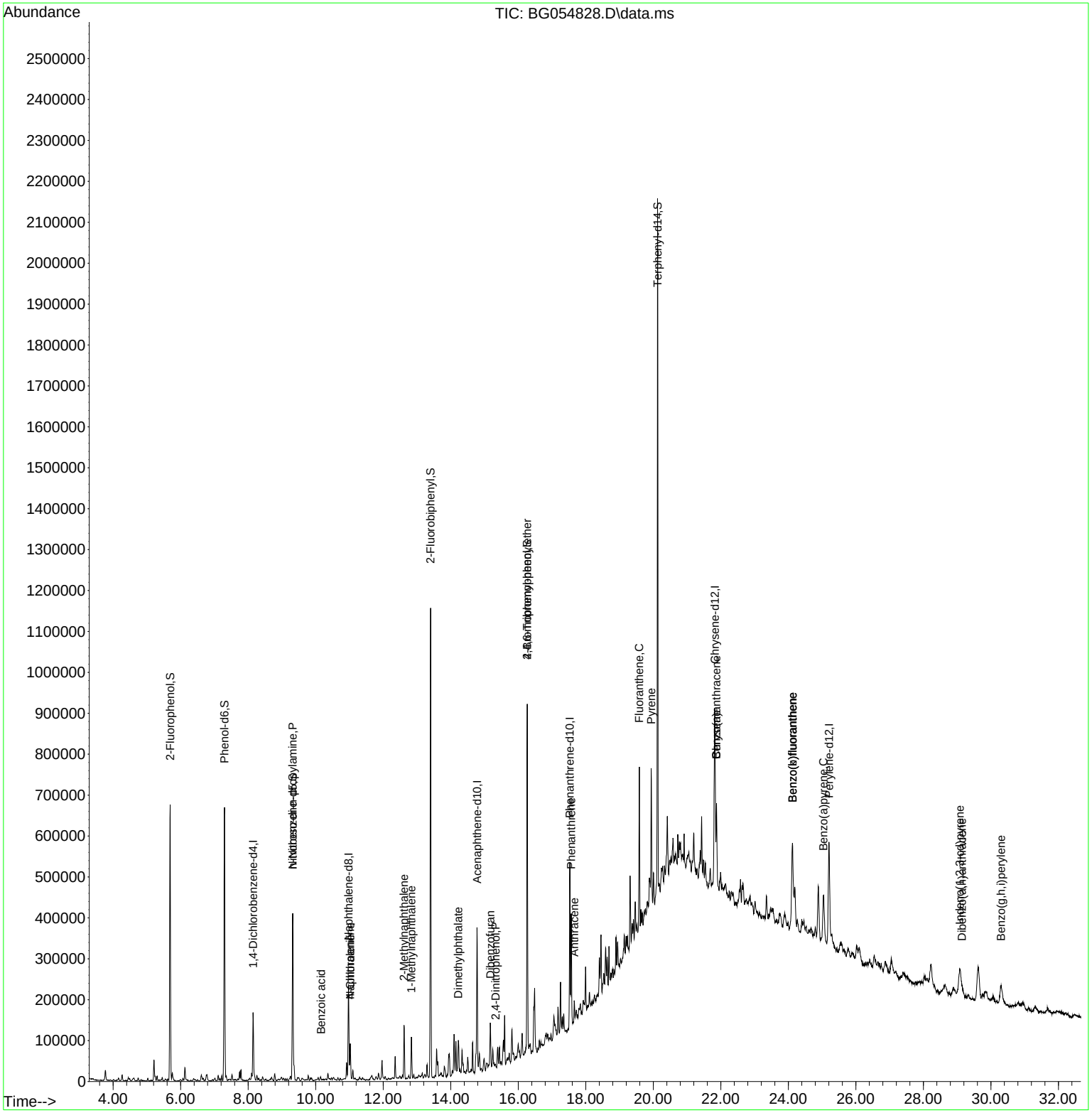
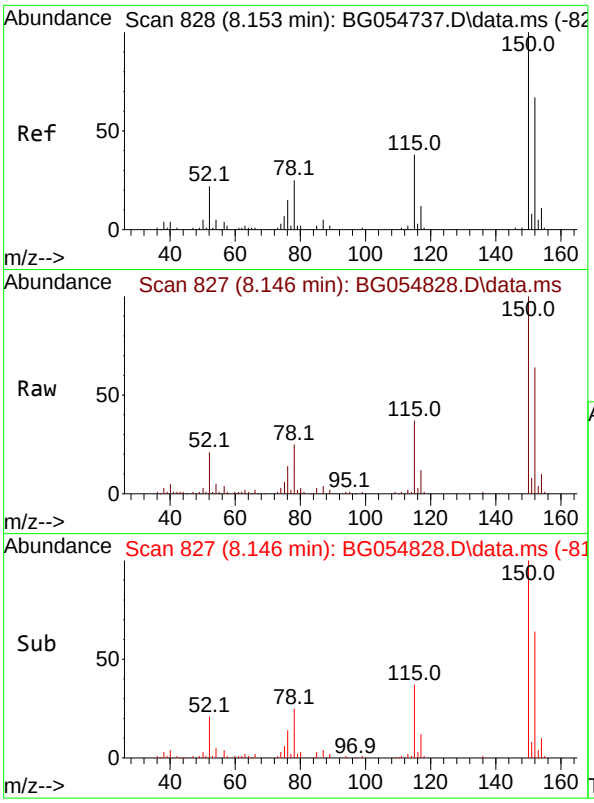
Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Time: Sep 02 02:55:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



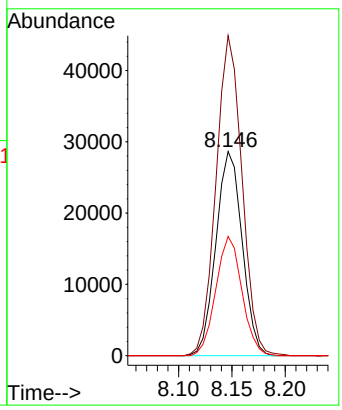


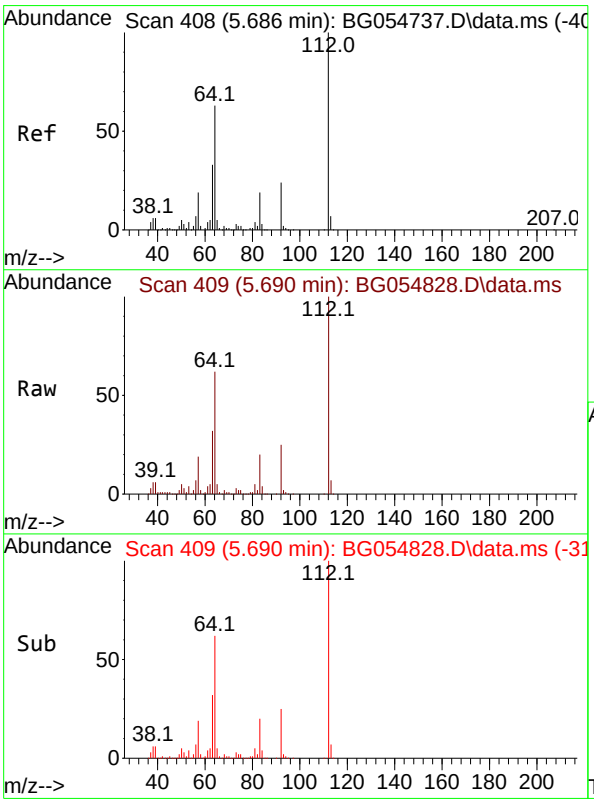
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:152 Resp: 48971

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.2	187.8
115	58.3	47.9	71.9

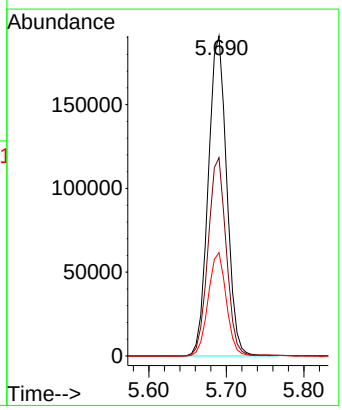


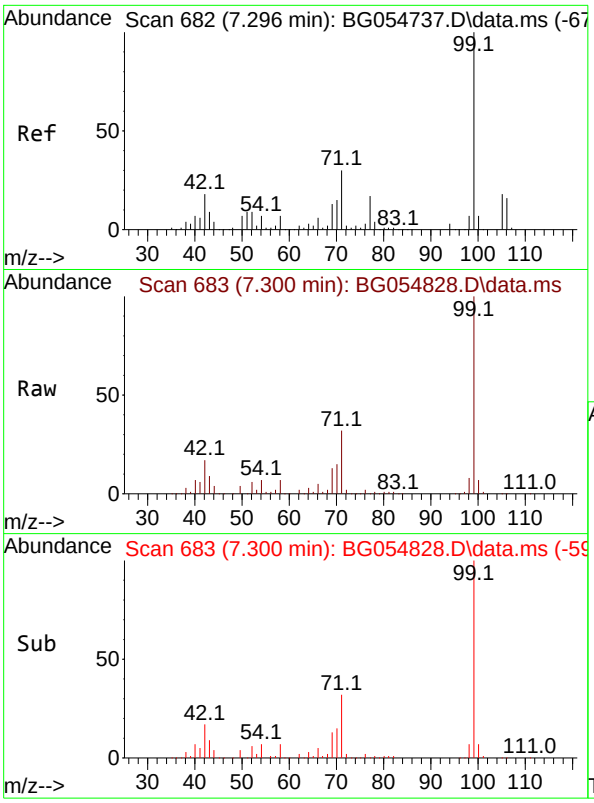


#5
2-Fluorophenol
Concen: 112.069 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:112 Resp: 315162

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.3	73.9
63	32.3	26.3	39.5



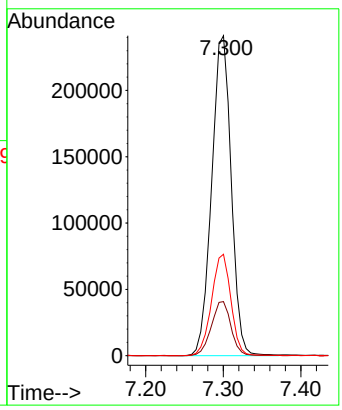


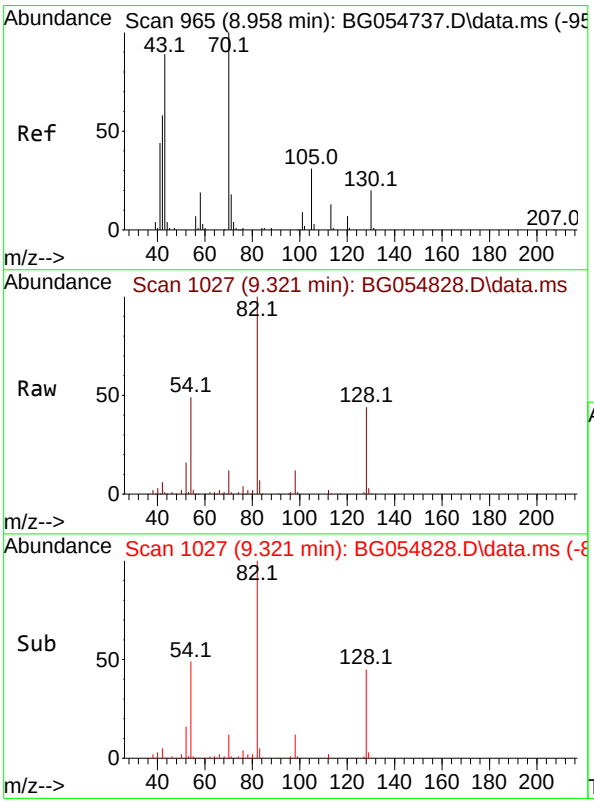
#7
Phenol-d6
Concen: 109.744 ng
RT: 7.300 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion: 99 Resp: 422072

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	22.0
71	31.7	24.6	37.0

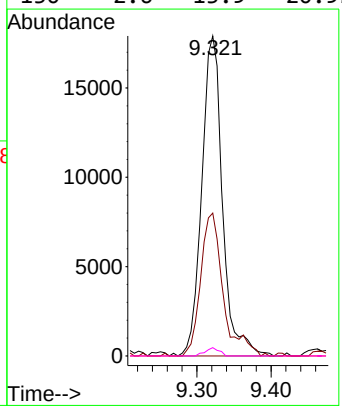


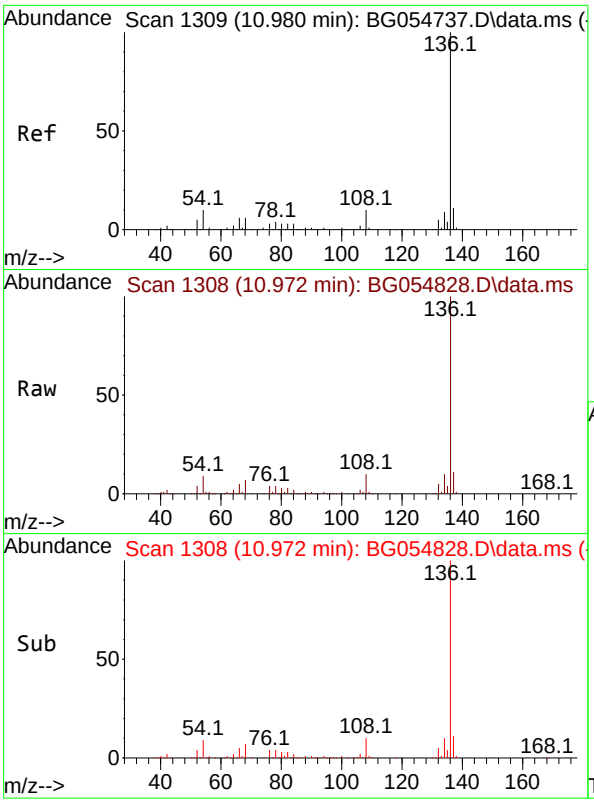


#19
n-Nitroso-di-n-propylamine
Concen: 13.150 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion: 70 Resp: 34777

Ion	Ratio	Lower	Upper
70	100		
42	44.6	46.6	69.8#
101	0.0	7.7	11.5#
130	2.6	13.9	20.9#



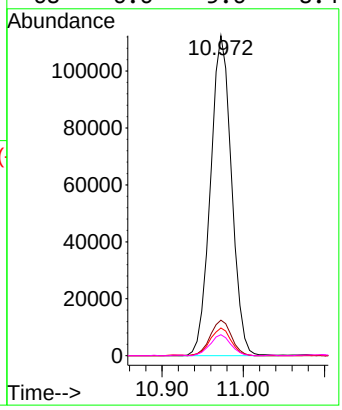


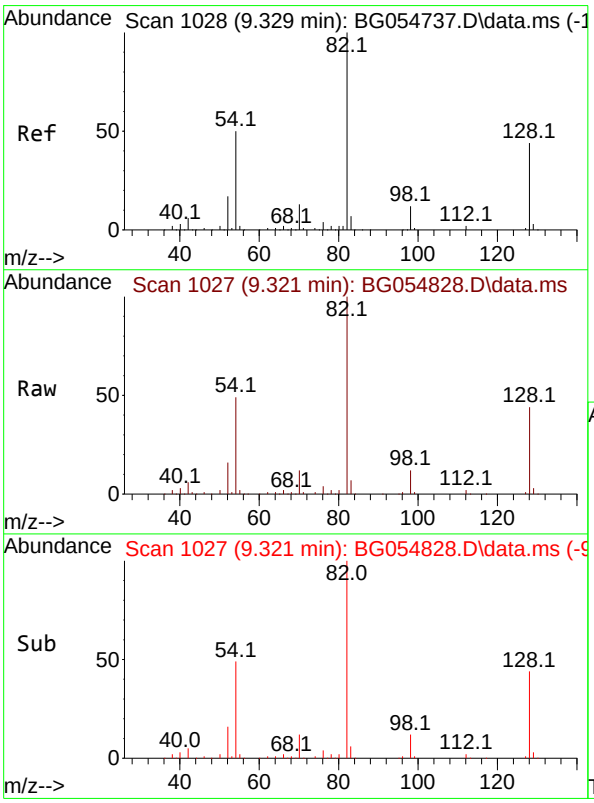
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:136 Resp: 202325

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.7	7.7	11.5
68	6.6	5.6	8.4

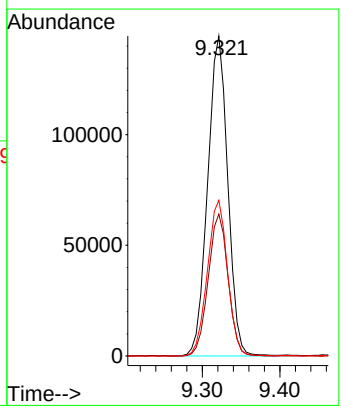


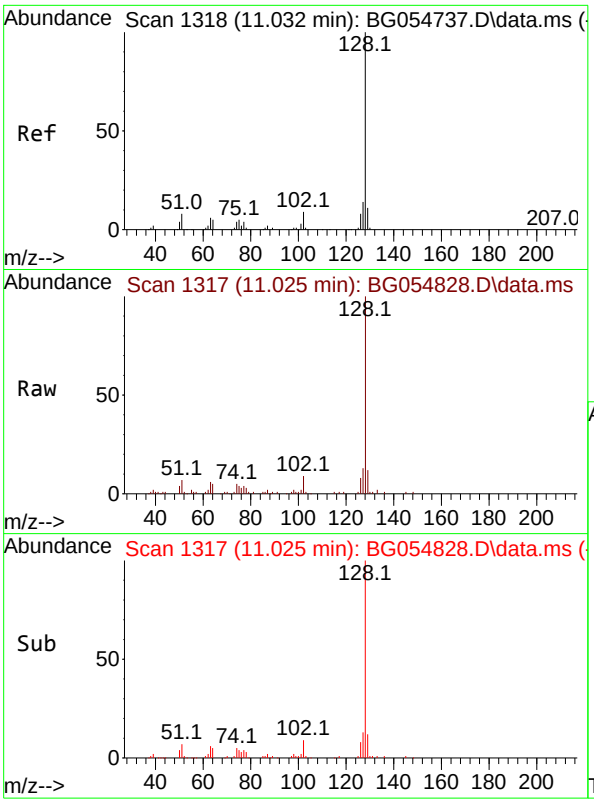


#23
Nitrobenzene-d5
Concen: 67.528 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion: 82 Resp: 260256

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.2	48.2
54	48.7	41.4	62.0



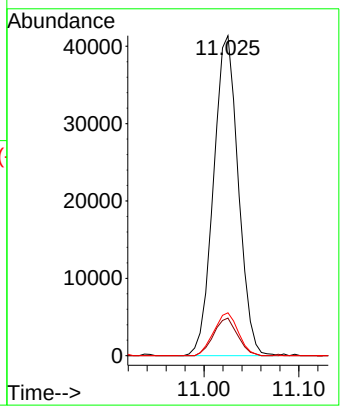


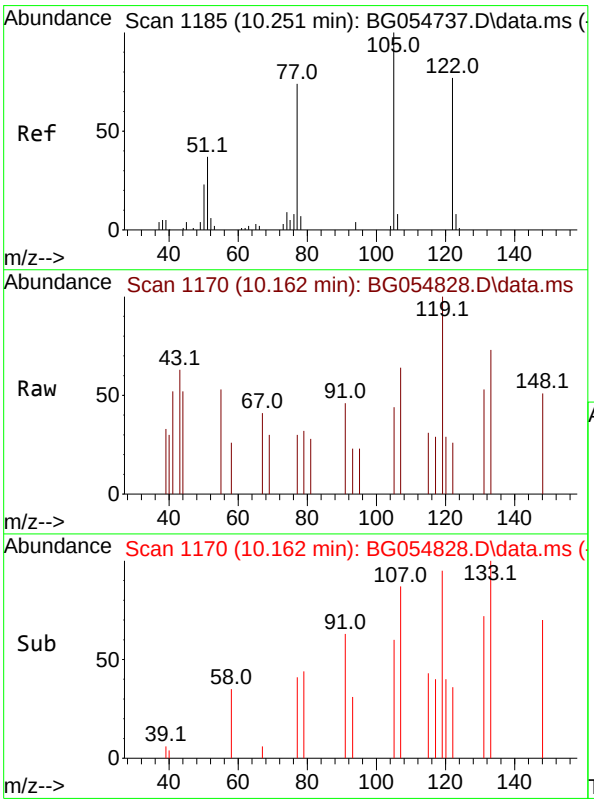
#31
Naphthalene
Concen: 6.915 ng
RT: 11.025 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:128 Resp: 75069

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.4	11.1	16.7

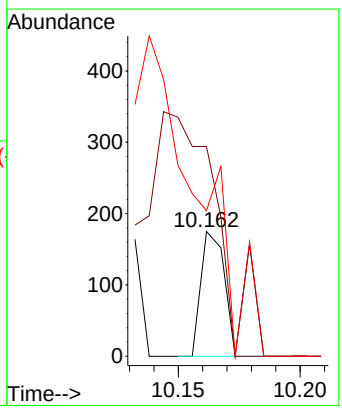


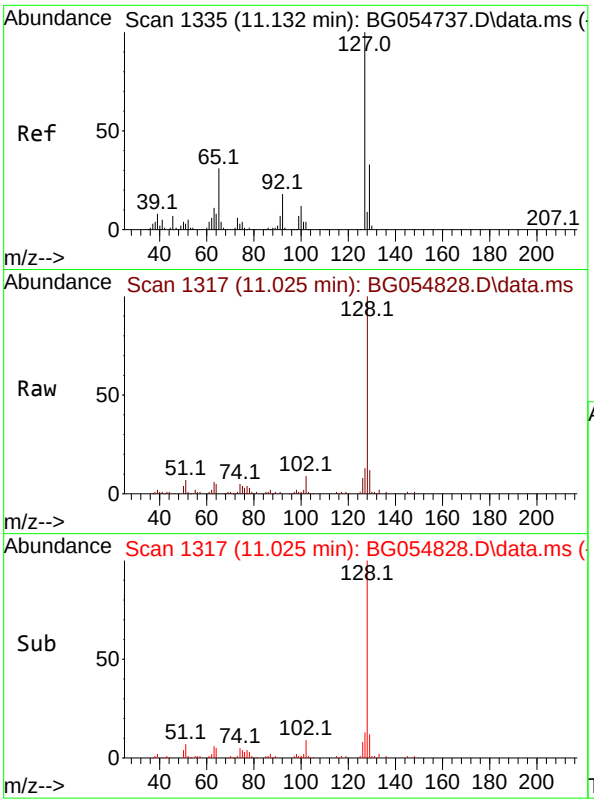


#32
Benzoic acid
Concen: 7.878 ng
RT: 10.162 min Scan# 1170
Delta R.T. -0.089 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:122 Resp: 171

Ion	Ratio	Lower	Upper
122	100		
105	168.0	101.5	141.5#
77	116.6	69.3	109.3#



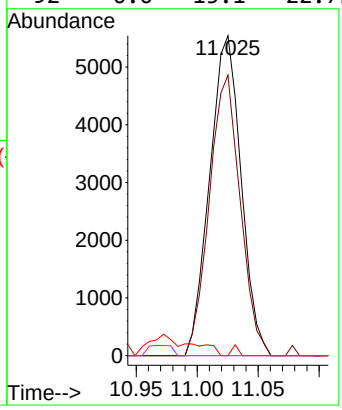


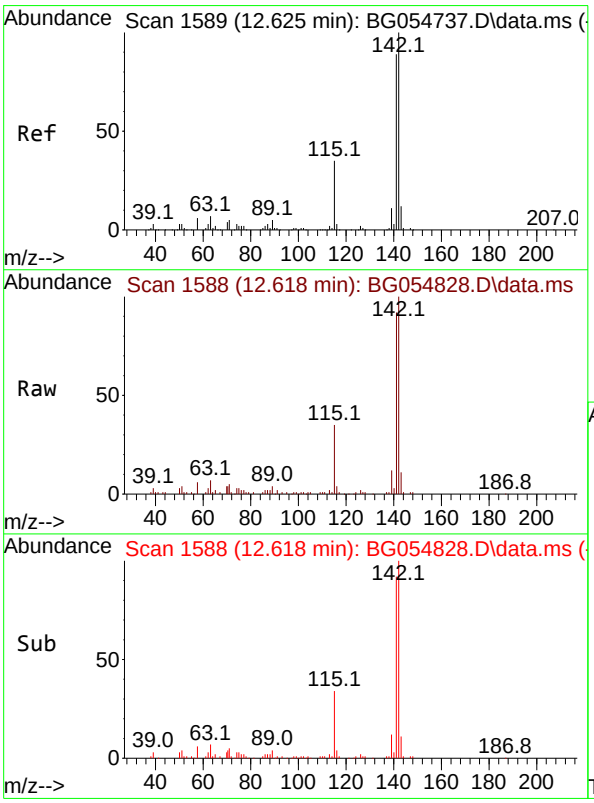
#33
4-Chloroaniline
Concen: 2.247 ng
RT: 11.025 min Scan# 1
Delta R.T. -0.107 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:127 Resp: 9945

Ion	Ratio	Lower	Upper
127	100		
129	87.7	26.0	39.0#
65	0.0	25.8	38.8#
92	0.0	15.1	22.7#

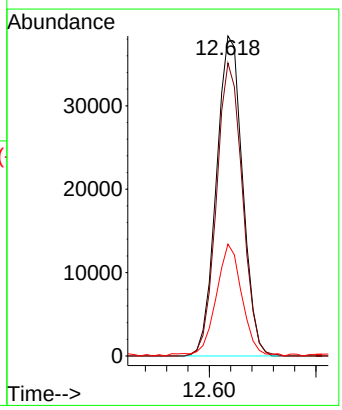


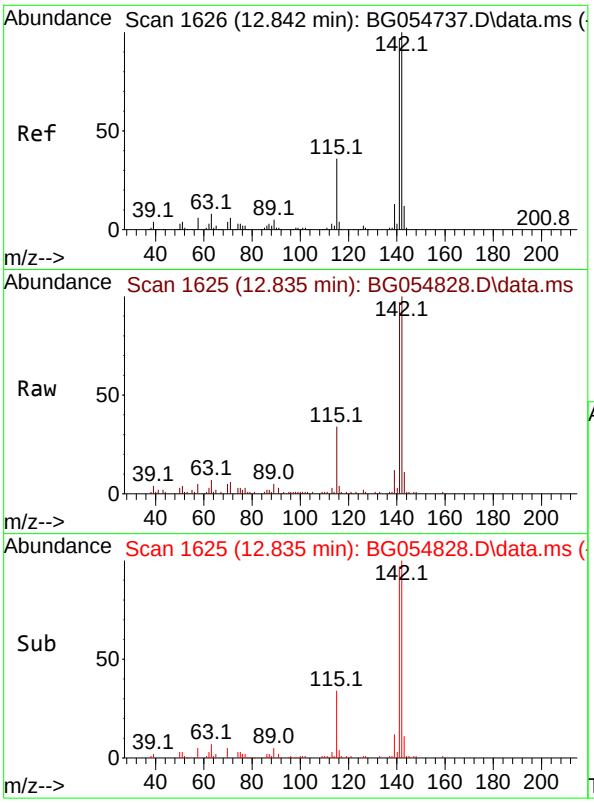


#37
2-Methylnaphthalene
Concen: 8.582 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:142 Resp: 65293

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4
115	34.9	27.3	40.9



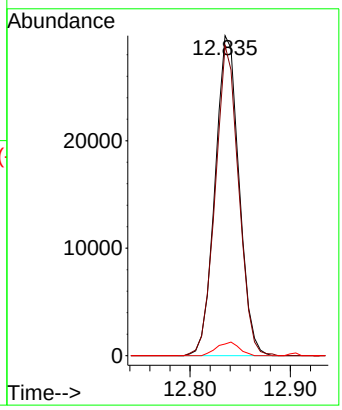


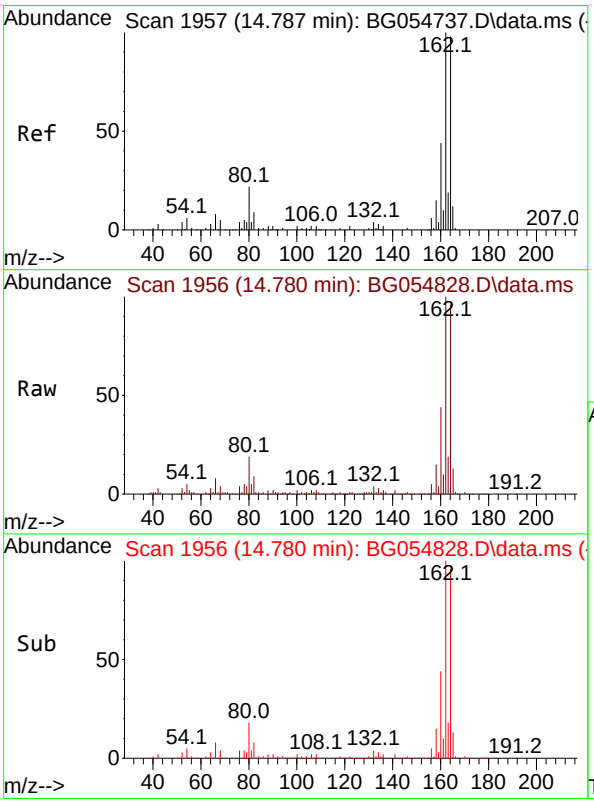
#38
1-Methylnaphthalene
Concen: 6.647 ng
RT: 12.835 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:142 Resp: 49201

Ion	Ratio	Lower	Upper
142	100		
141	96.9	77.4	116.0
116	3.7	3.0	4.4

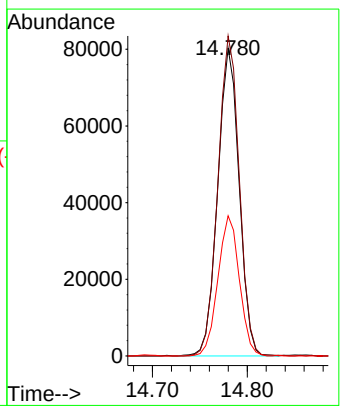


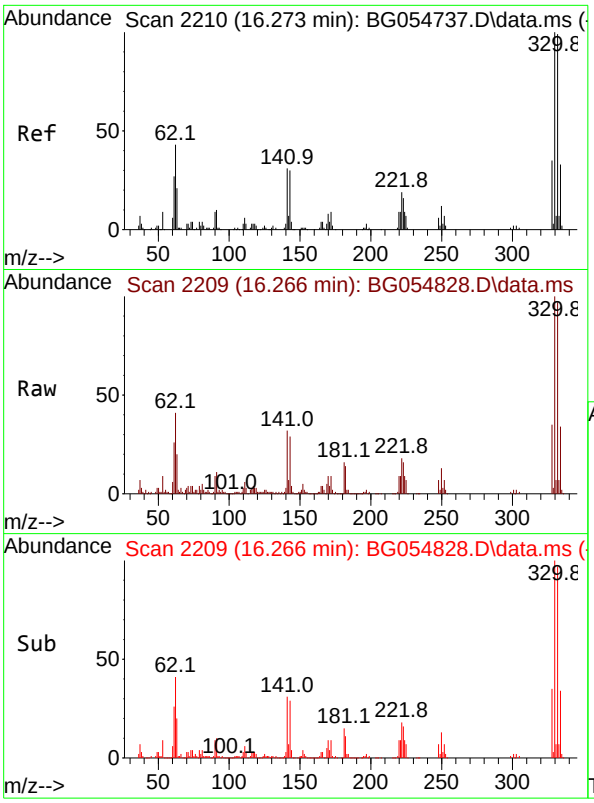


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:164 Resp: 126182

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.5	38.0	57.0



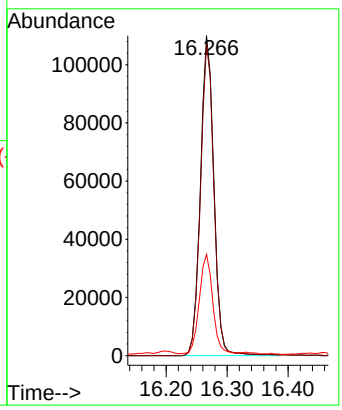


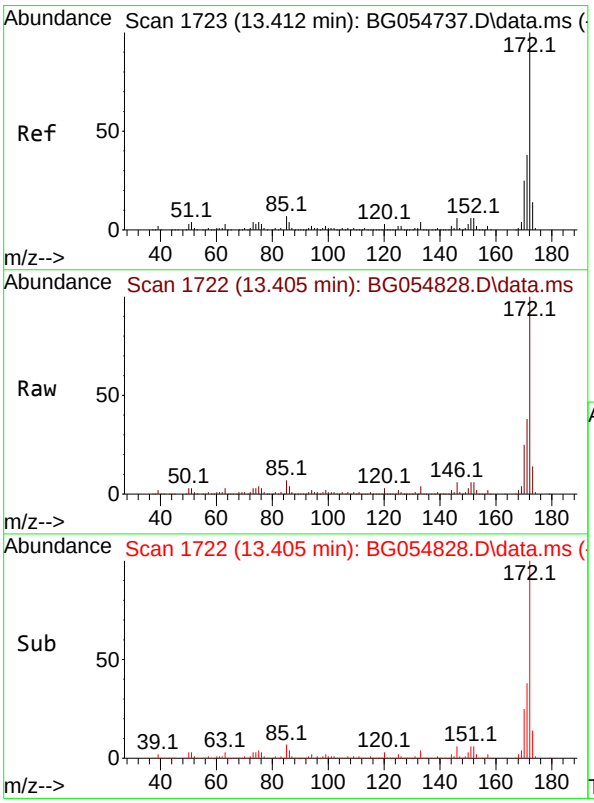
#42
2,4,6-Tribromophenol
Concen: 107.464 ng
RT: 16.266 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:330 Resp: 169442

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.8	119.6
141	30.5	26.8	40.2

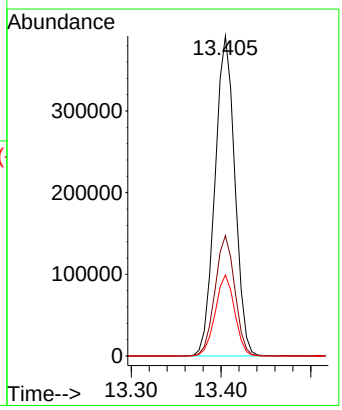


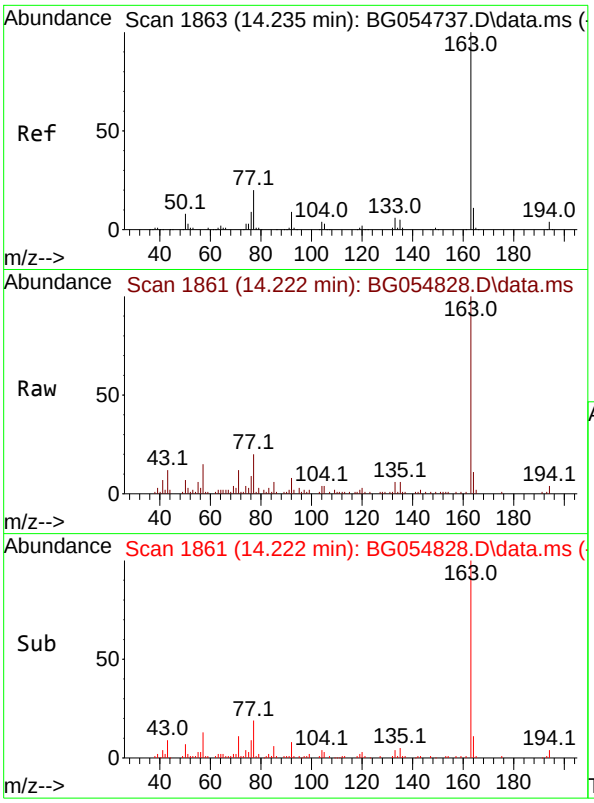


#45
2-Fluorobiphenyl
Concen: 71.737 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:172 Resp: 602252

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.2	46.8
170	25.3	20.6	30.8



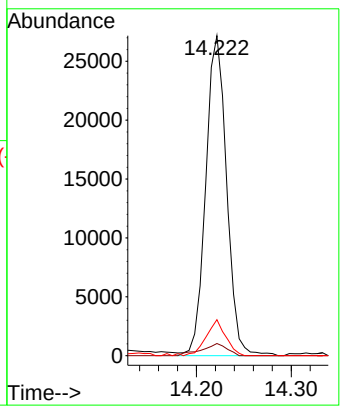


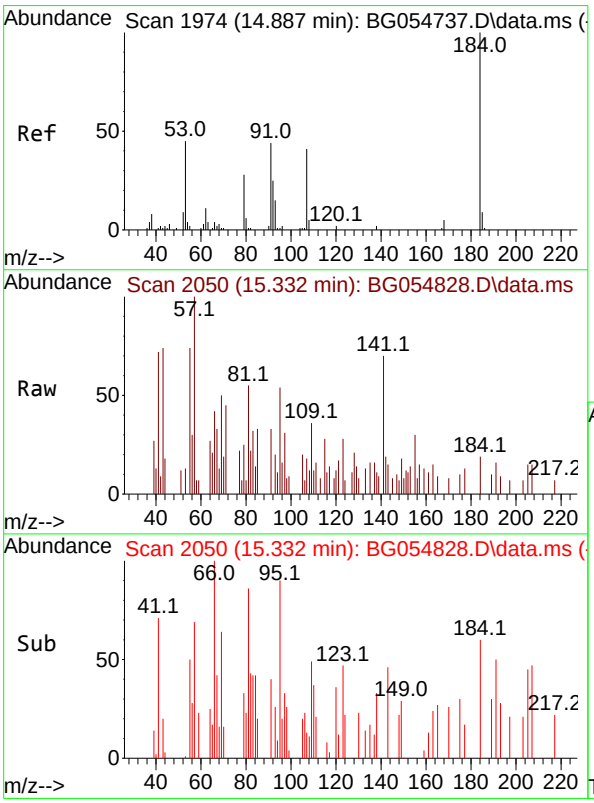
#50
Dimethylphthalate
Concen: 4.263 ng
RT: 14.222 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:163 Resp: 41437

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	11.3	8.0	12.0

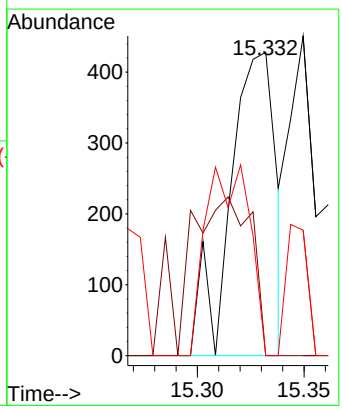


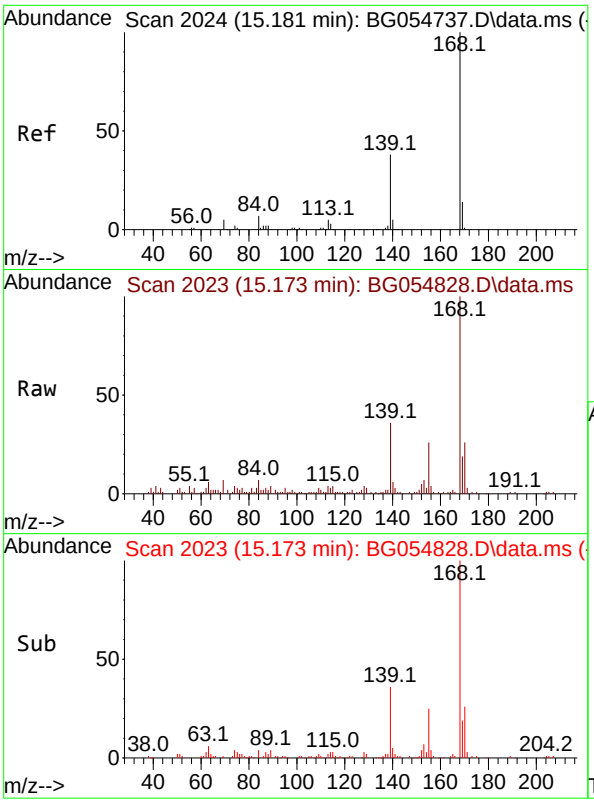


#54
2,4-Dinitrophenol
Concen: 7.221 ng
RT: 15.332 min Scan# 2050
Delta R.T. 0.445 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:184 Resp: 639

Ion	Ratio	Lower	Upper
184	100		
63	0.0	41.8	62.8#
154	0.0	45.2	67.8#



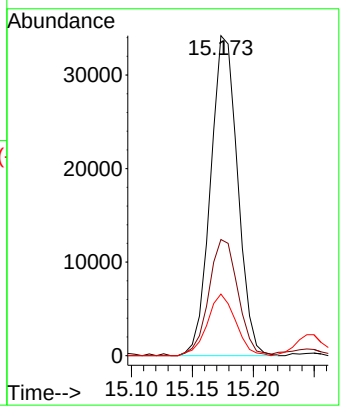


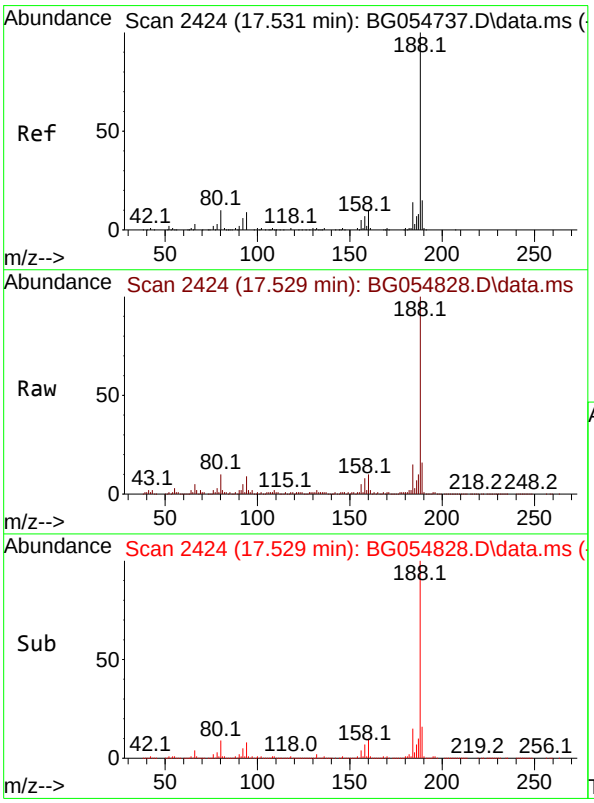
#55
Dibenzofuran
Concen: 4.776 ng
RT: 15.173 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:168 Resp: 52941

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.2	45.2
169	19.2	11.3	16.9#

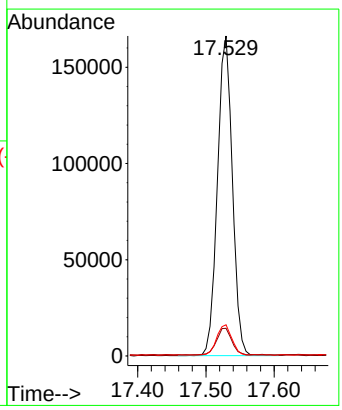


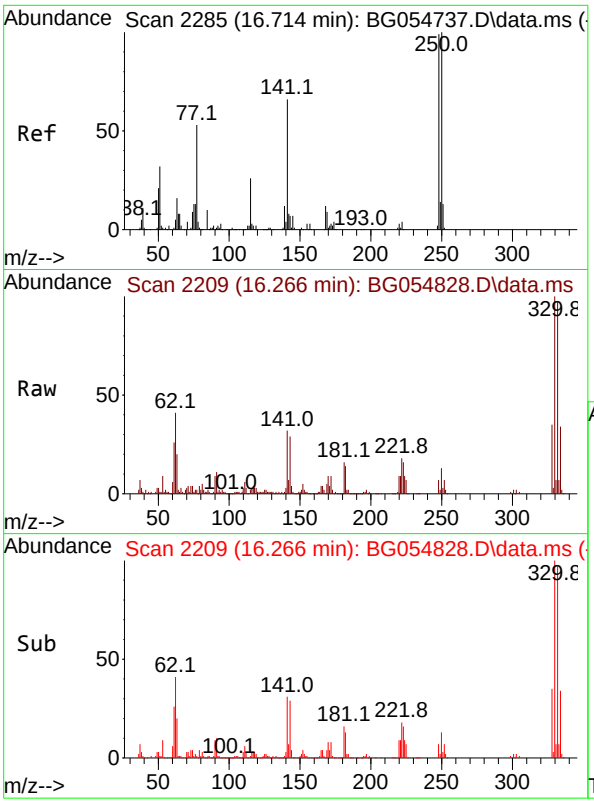


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:188 Resp: 252807

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.7	7.9	11.9



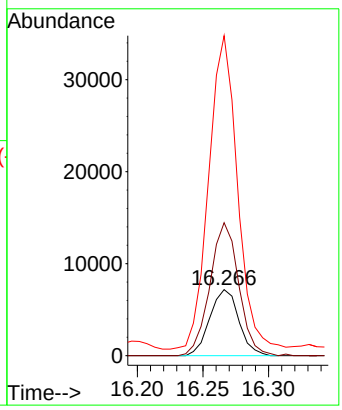


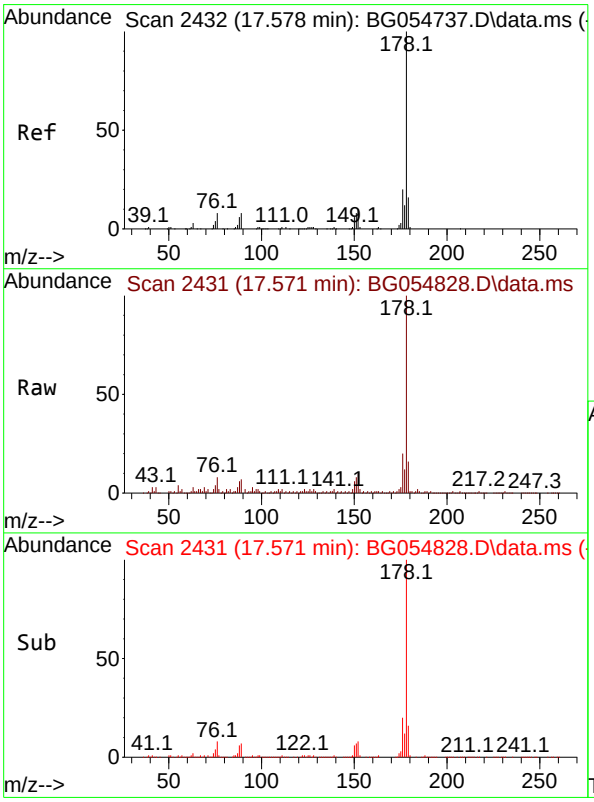
#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 16.266 min Scan# 2
Delta R.T. -0.448 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:248 Resp: 11013

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.8	118.2#
141	484.7	51.9	77.9#

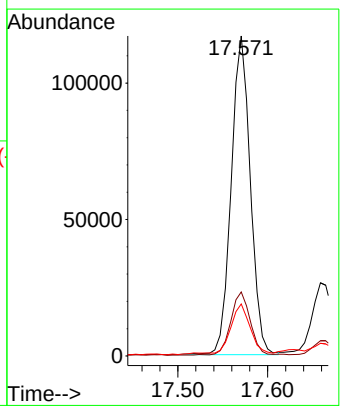


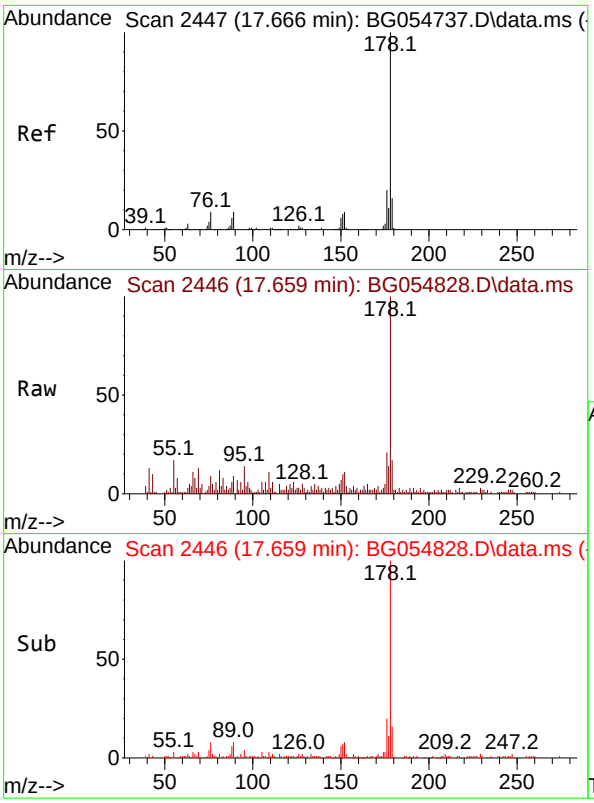


#71
Phenanthrene
Concen: 12.845 ng
RT: 17.571 min Scan# 2431
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:178 Resp: 172984

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.3	12.8	19.2



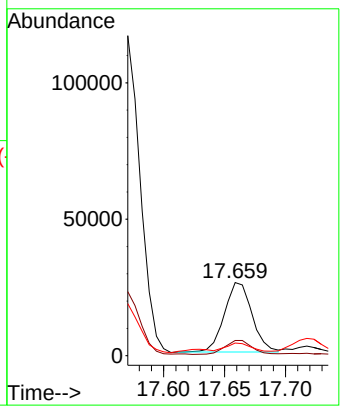


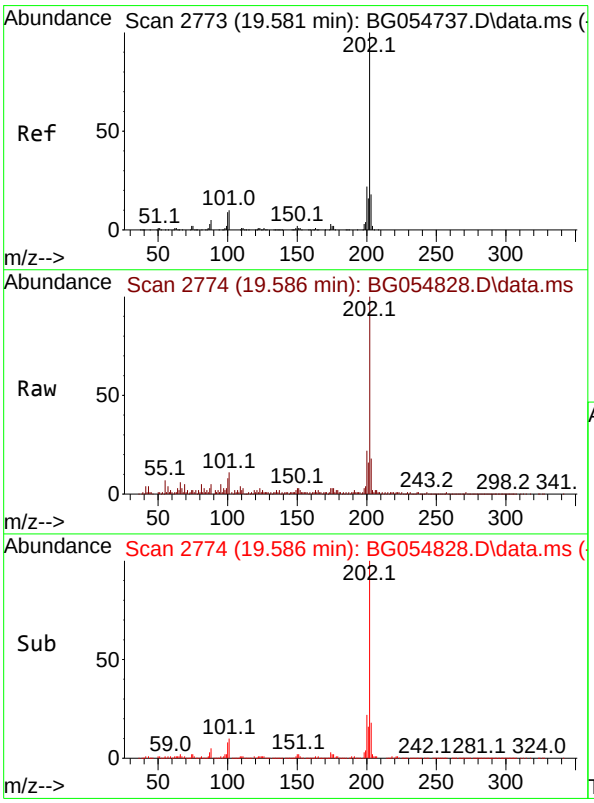
#72
Anthracene
Concen: 3.075 ng
RT: 17.659 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:178 Resp: 40267

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	17.4	12.9	19.3

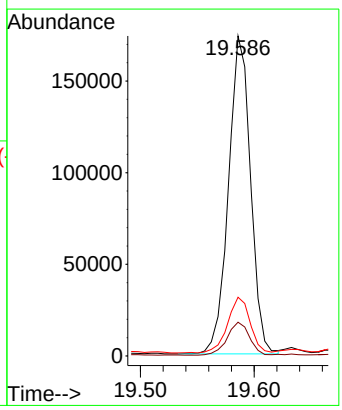


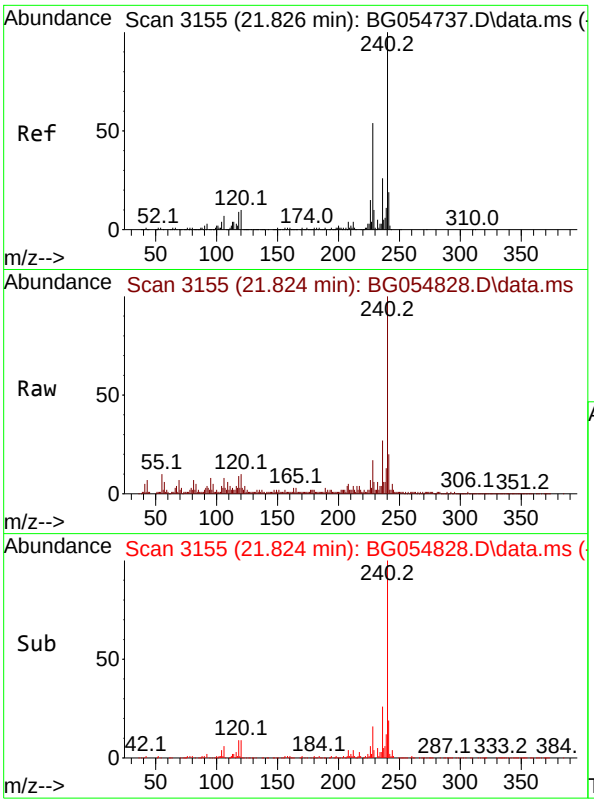


#75
Fluoranthene
Concen: 14.286 ng
RT: 19.586 min Scan# 2774
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:202 Resp: 234045

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	18.3	0.0	38.6



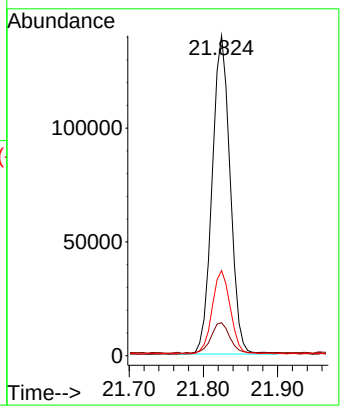


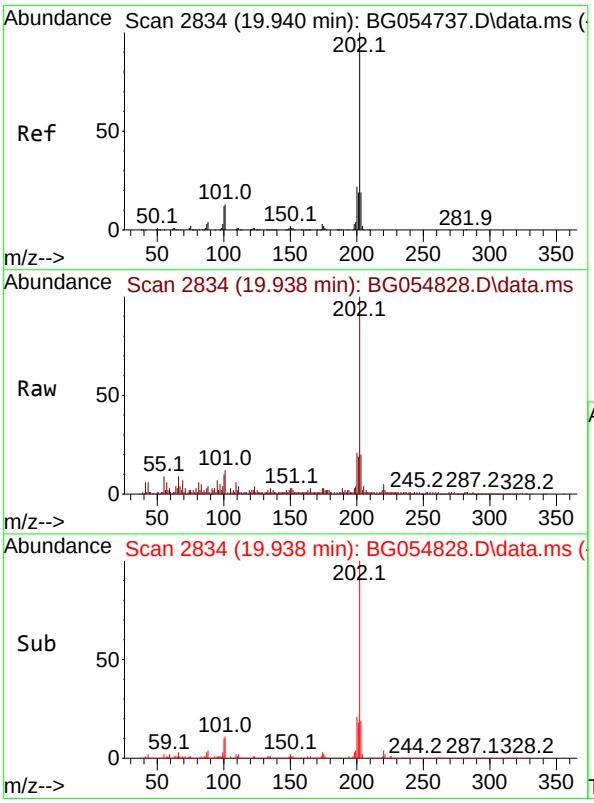
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:240 Resp: 235482

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.4
236	26.6	21.2	31.8

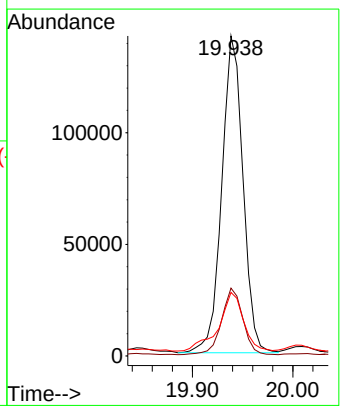


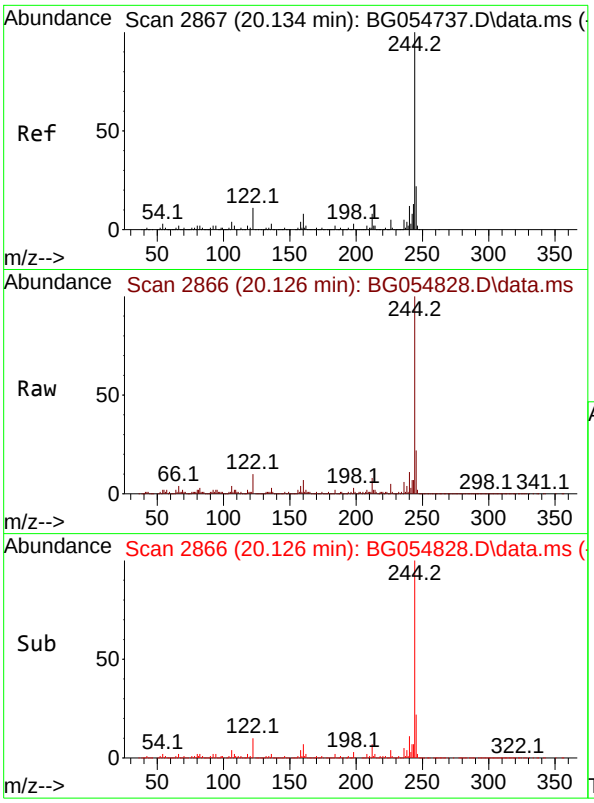


#78
Pyrene
Concen: 12.712 ng
RT: 19.938 min Scan# 2834
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:202 Resp: 208738

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	19.8	14.6	21.8



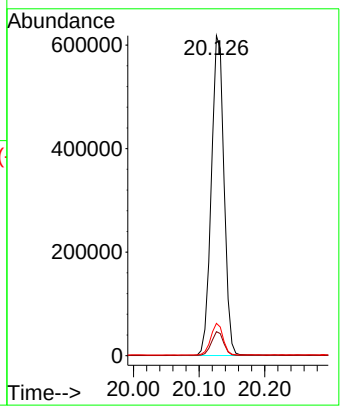


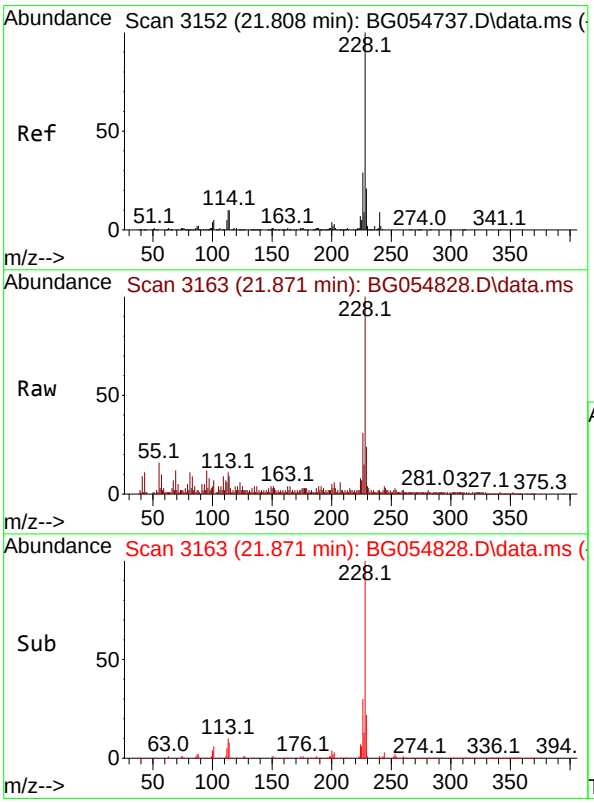
#79
Terphenyl-d14
Concen: 69.658 ng
RT: 20.126 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:244 Resp: 827860

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.1	9.0	13.6

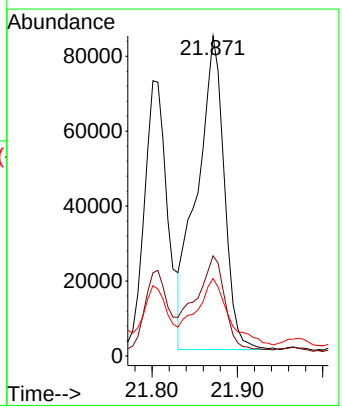


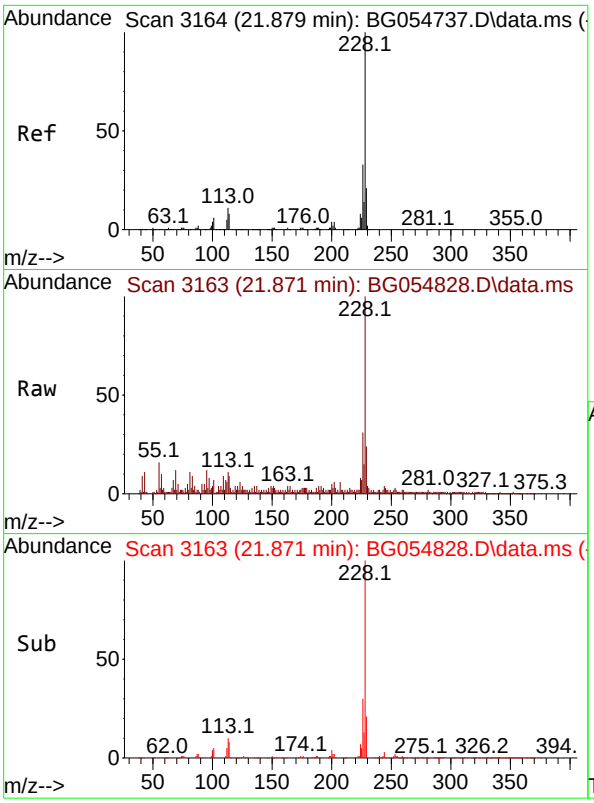


#81
Benzo(a)anthracene
Concen: 11.629 ng
RT: 21.871 min Scan# 3163
Delta R.T. 0.063 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:228 Resp: 185679

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	24.2	16.5	24.7



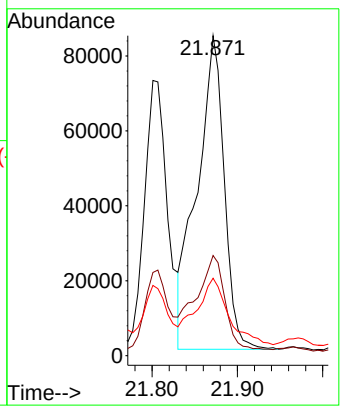


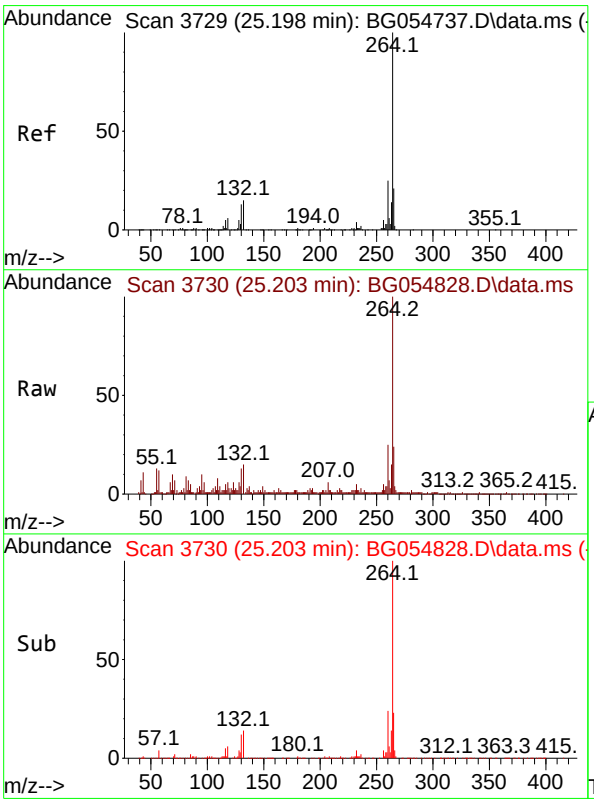
#83
Chrysene
Concen: 12.163 ng
RT: 21.871 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:228 Resp: 185679

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	24.2	16.8	25.2

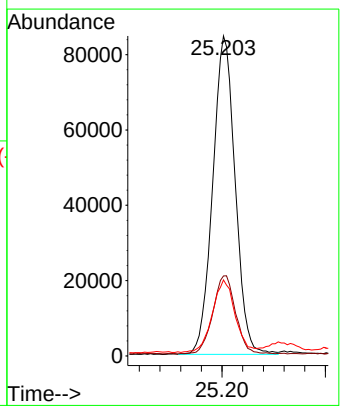


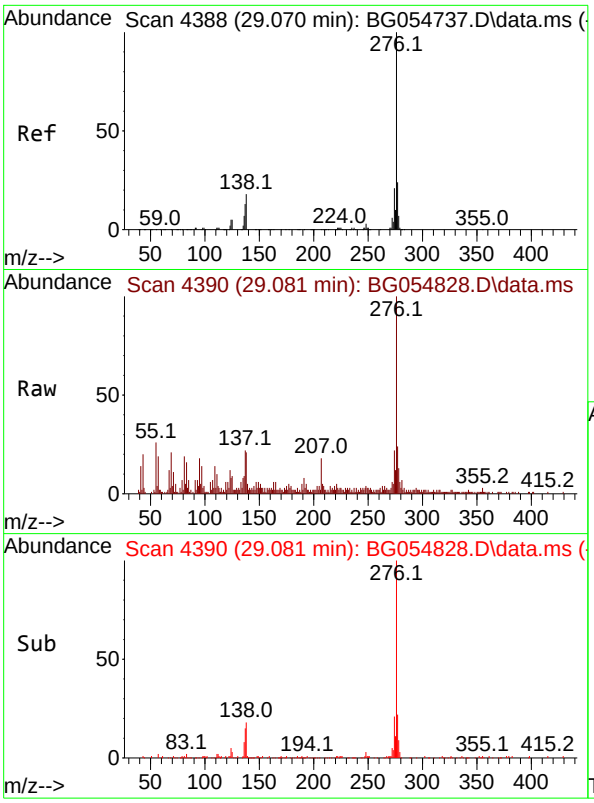


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3730
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:264 Resp: 254651

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	23.7	16.9	25.3



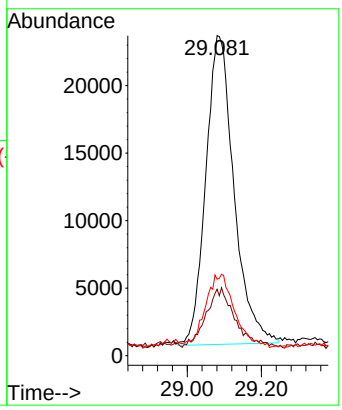


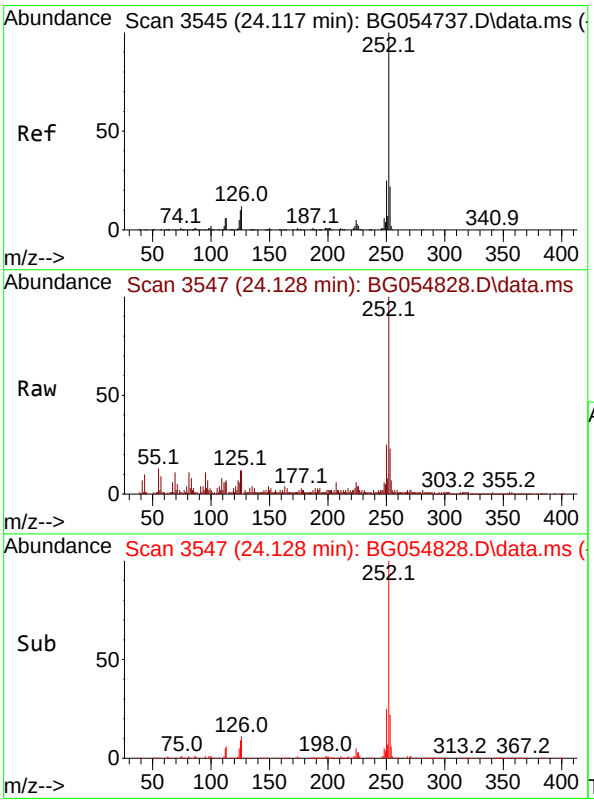
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.238 ng
RT: 29.081 min Scan# 4
Delta R.T. 0.010 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:276 Resp: 120589

Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.0	18.0#
277	24.5	20.2	30.4

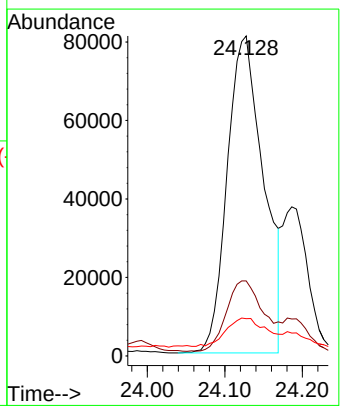


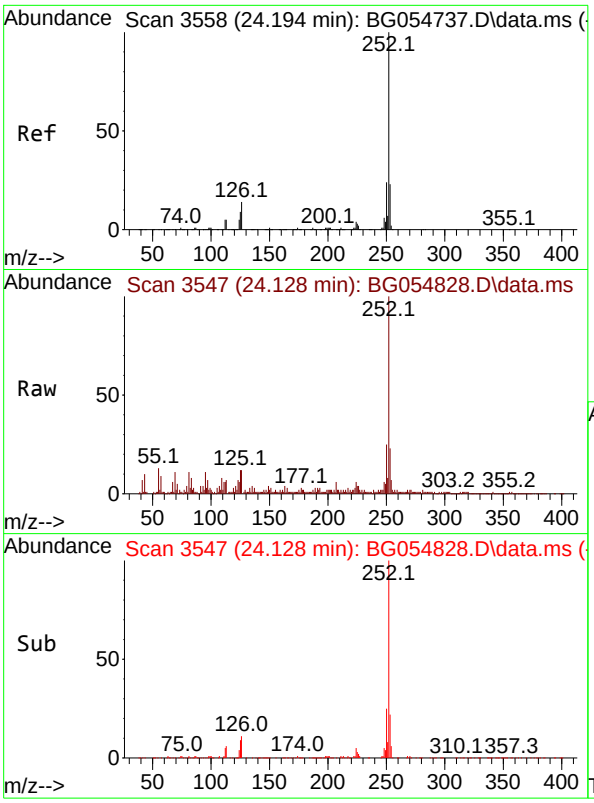


#88
Benzo(b)fluoranthene
Concen: 16.486 ng
RT: 24.128 min Scan# 3547
Delta R.T. 0.010 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:252 Resp: 263354

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	11.6	8.1	12.1



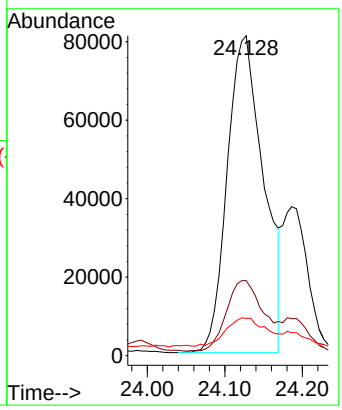


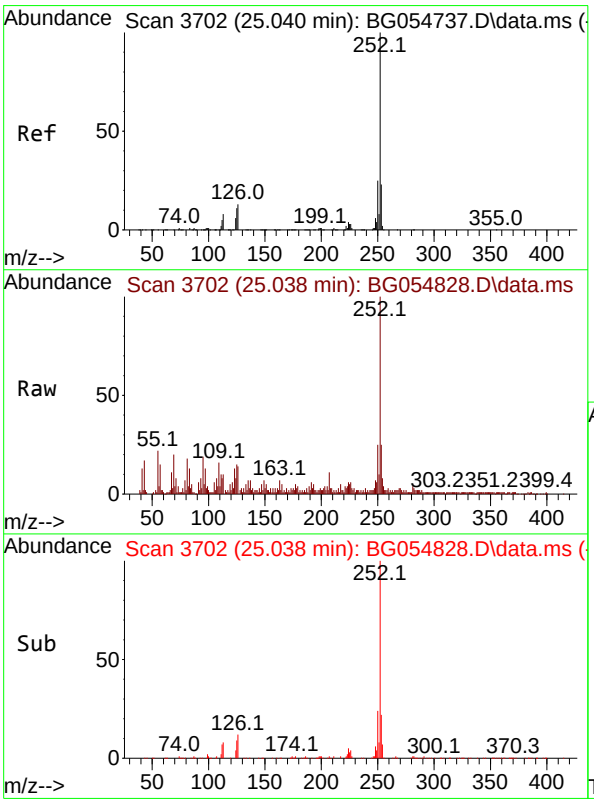
#89
Benzo(k)fluoranthene
Concen: 16.381 ng
RT: 24.128 min Scan# 3
Delta R.T. -0.066 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:252 Resp: 263354

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	11.6	8.2	12.4

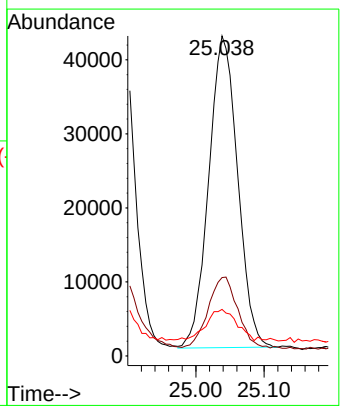


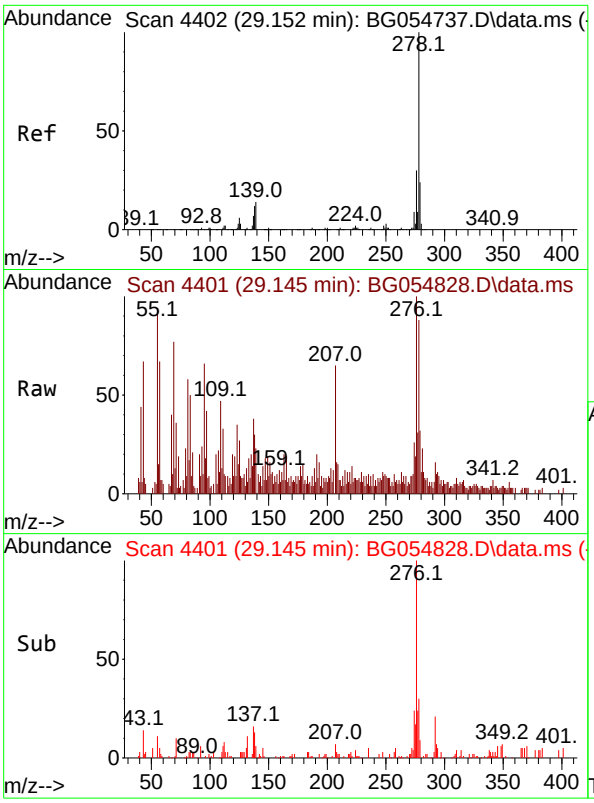


#90
Benzo(a)pyrene
Concen: 9.082 ng
RT: 25.038 min Scan# 3702
Delta R.T. -0.001 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:252 Resp: 123957

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.3	27.5
125	14.6	8.8	13.2#



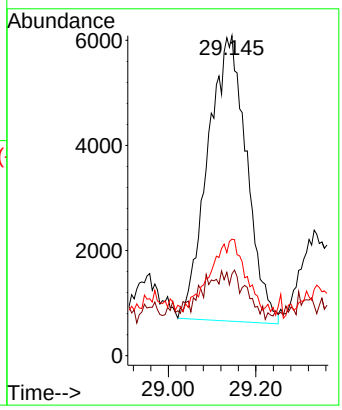


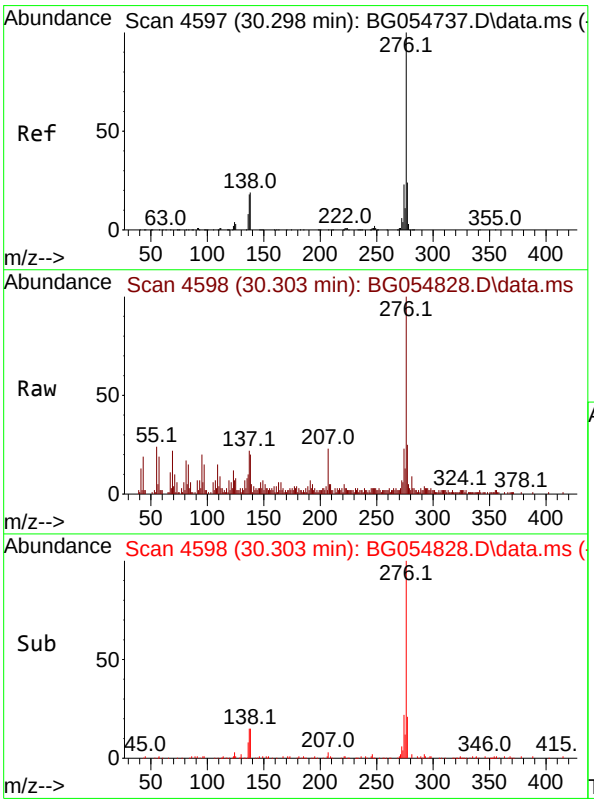
#91
Dibenzo(a,h)anthracene
Concen: 2.119 ng
RT: 29.145 min Scan# 44
Delta R.T. -0.007 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Tgt Ion:278 Resp: 33381

Ion	Ratio	Lower	Upper
278	100		
139	25.6	11.4	17.2#
279	36.4	19.3	28.9#





#92
Benzo(g,h,i)perylene
Concen: 7.251 ng
RT: 30.303 min Scan# 4598
Delta R.T. 0.005 min
Lab File: BG054828.D
Acq: 1 Sep 2022 19:02

Tgt Ion:276 Resp: 115378

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.0
138	19.9	16.6	25.0