Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054826.D
Acq On : 1 Sep 2022 17:37
Operator : CG/JU
Sample : N4439-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Quant Time: Sep 02 02:54:32 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	8.147	152	43618	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	176990	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	113543	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	237452	20.000	ng	0.00
76) Chrysene-d12	21.820	240	240615	20.000	ng	0.00
86) Perylene-d12	25.186	264	260567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	254707	101.687	ng	0.00
7) Phenol-d6	7.295	99	343529	100.284	ng	0.00
23) Nitrobenzene-d5	9.317	82	208807	61.934	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	142202	100.227	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	415391	54.987	ng	0.00
79) Terphenyl-d14	20.127	244	579443	47.715	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	26233	11.136	ng	# 76
32) Benzoic acid	10.210	122	57	7.832	ng	# 29
50) Dimethylphthalate	14.223	163	31874	3.644	ng	# 97
54) 2,4-Dinitrophenol	15.157	184	200	6.881	ng	# 1
71) Phenanthrene	17.572	178	36548	2.889	ng	# 92
75) Fluoranthene	19.575	202	45684	2.969	ng	97
78) Pyrene	19.575	202	45684	2.723	ng	94
83) Chrysene	21.867	228	33347	2.138	ng	# 95
88) Benzo(b)fluoranthene	24.105	252	36392	2.226	ng	# 93
89) Benzo(k)fluoranthene	24.105	252	36392	2.212	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
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KTS2-MH-02-0-20

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QLast Update : Thu Aug 25 17:50:55 2022
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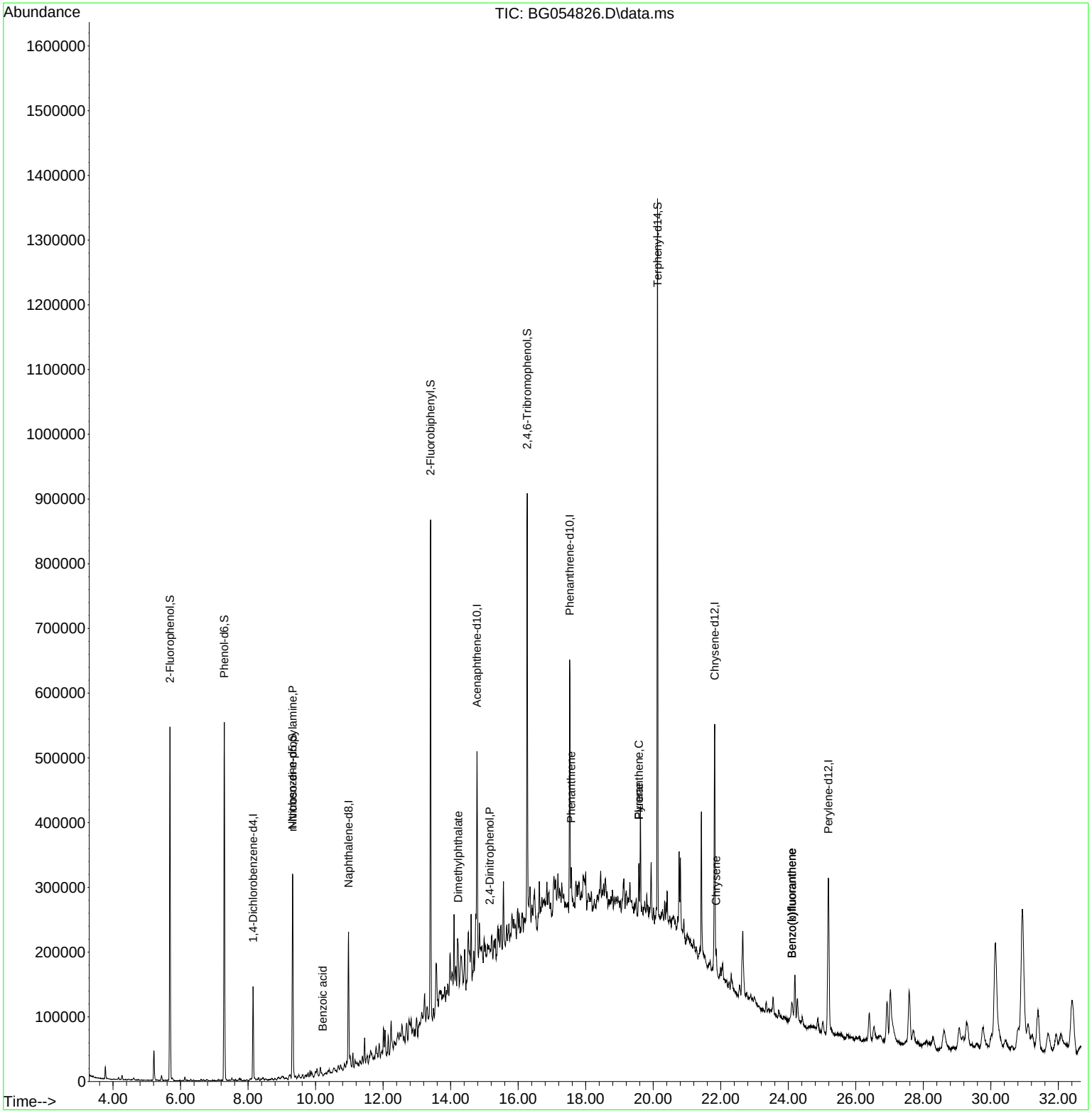
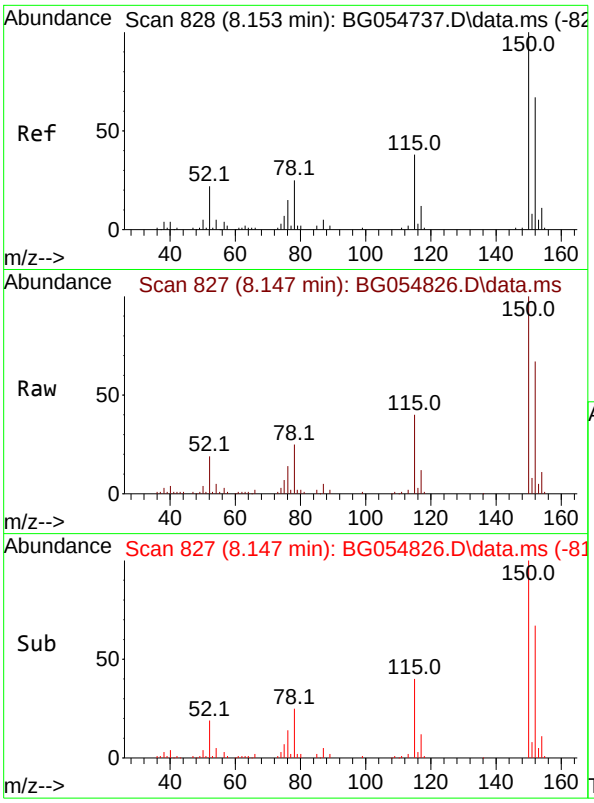


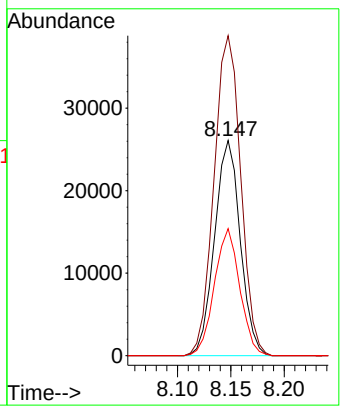


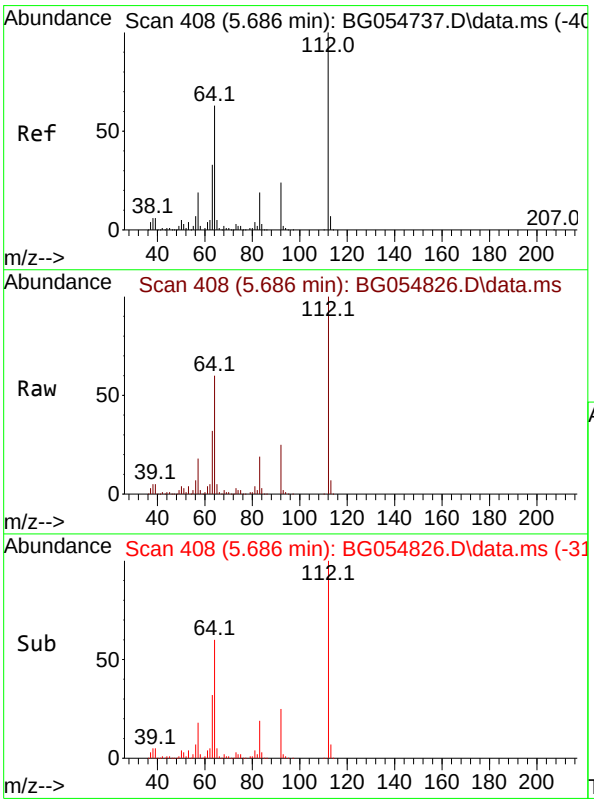
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:152 Resp: 43618

Ion	Ratio	Lower	Upper
152	100		
150	148.7	125.2	187.8
115	59.1	47.9	71.9

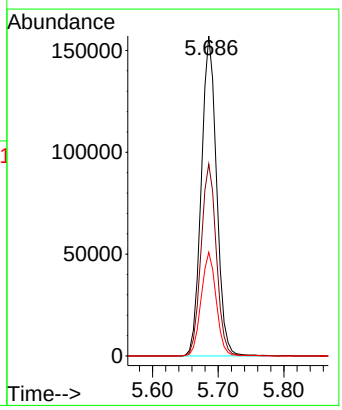


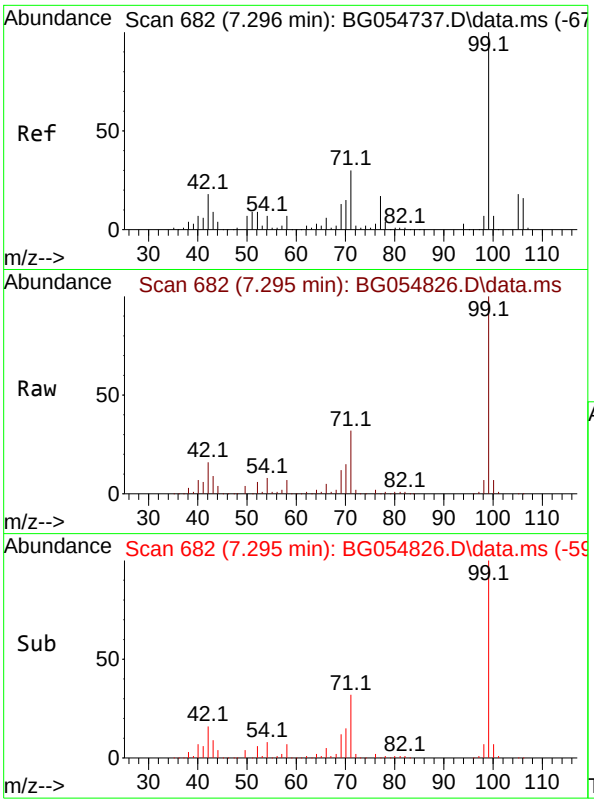


#5
2-Fluorophenol
Concen: 101.687 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:112 Resp: 254707

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.3	73.9
63	32.4	26.3	39.5



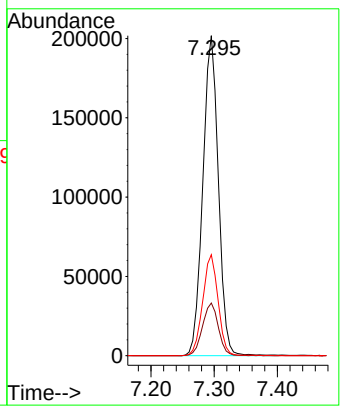


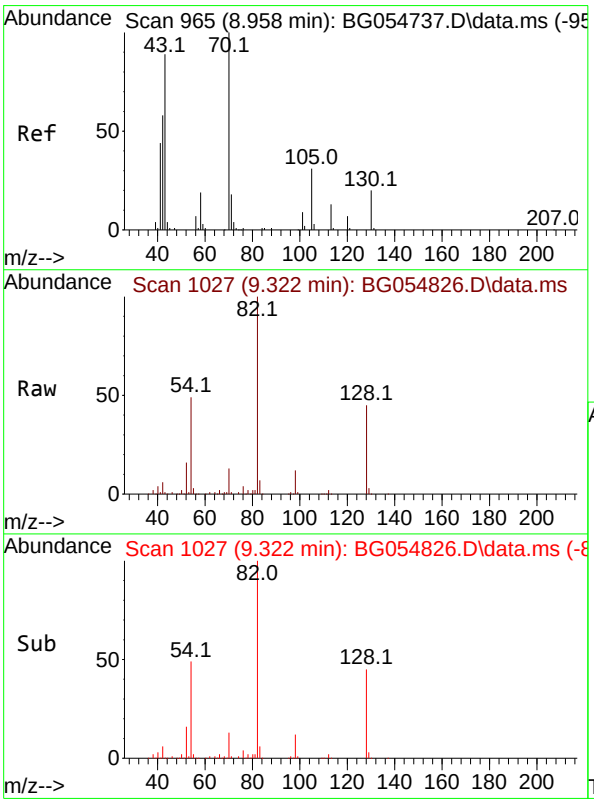
#7
Phenol-d6
Concen: 100.284 ng
RT: 7.295 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion: 99 Resp: 343529

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.6	22.0
71	31.5	24.6	37.0

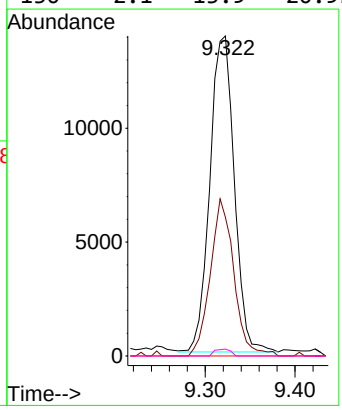


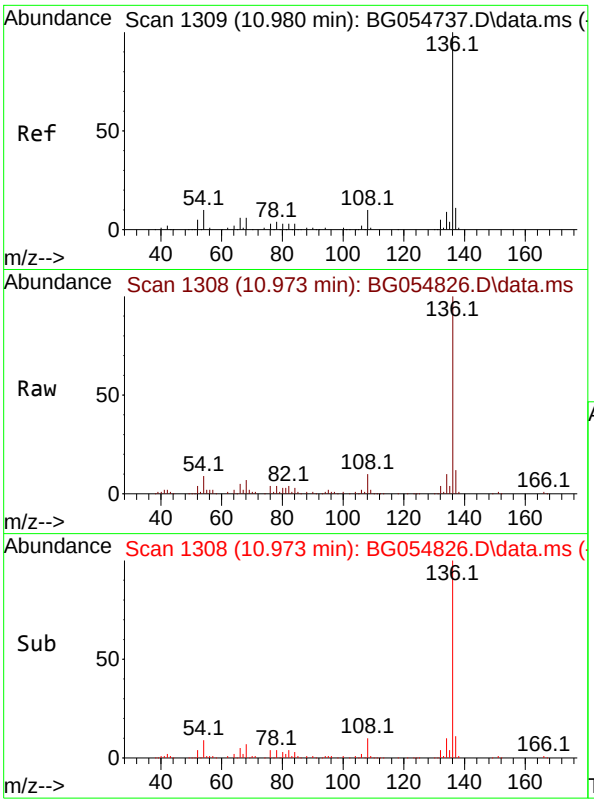


#19
n-Nitroso-di-n-propylamine
Concen: 11.136 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion: 70 Resp: 26233

Ion	Ratio	Lower	Upper
70	100		
42	43.4	46.6	69.8#
101	0.0	7.7	11.5#
130	2.1	13.9	20.9#



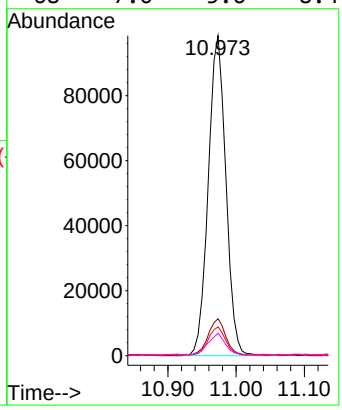


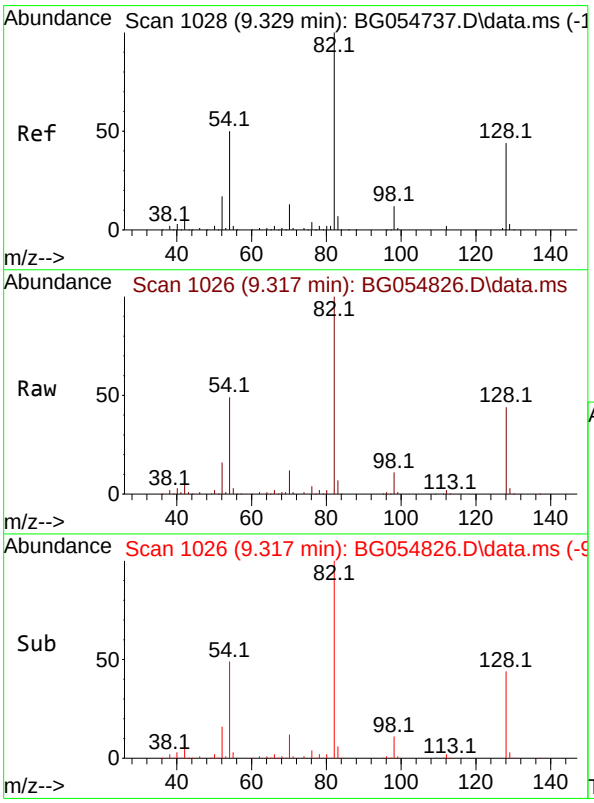
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:136 Resp: 176990

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.0	7.7	11.5
68	7.0	5.6	8.4

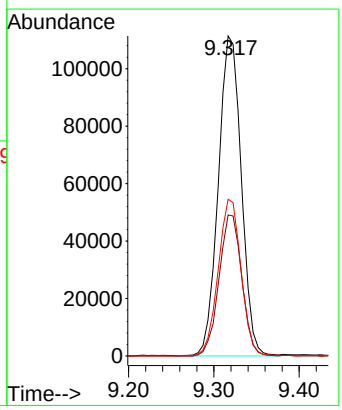


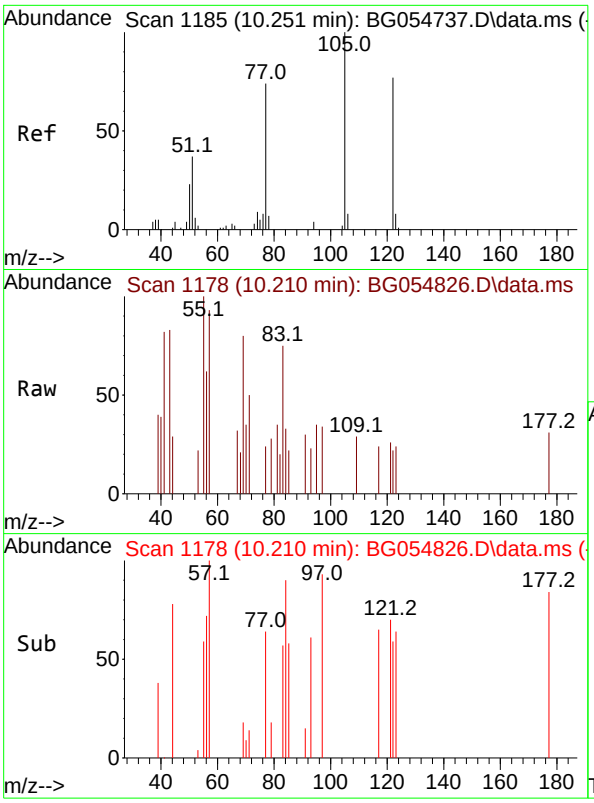


#23
Nitrobenzene-d5
Concen: 61.934 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion: 82 Resp: 208807

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.2	48.2
54	49.0	41.4	62.0



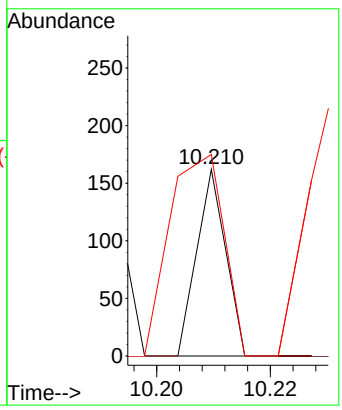


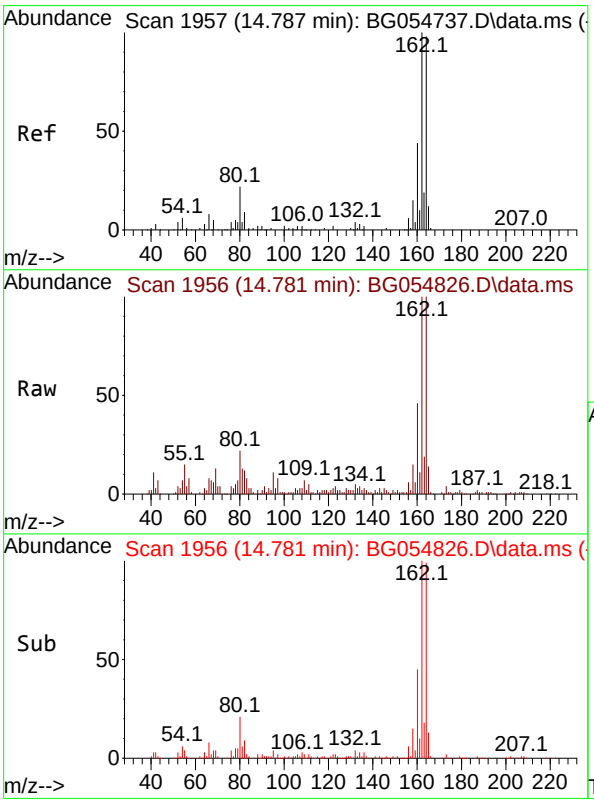
#32
Benzoic acid
Concen: 7.832 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.041 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	108.0	69.3	109.3

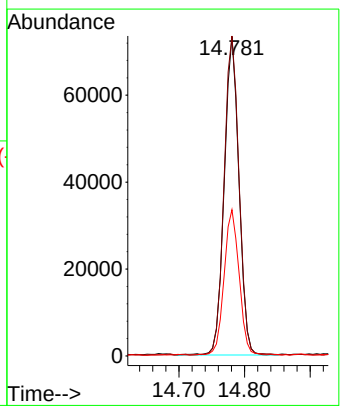


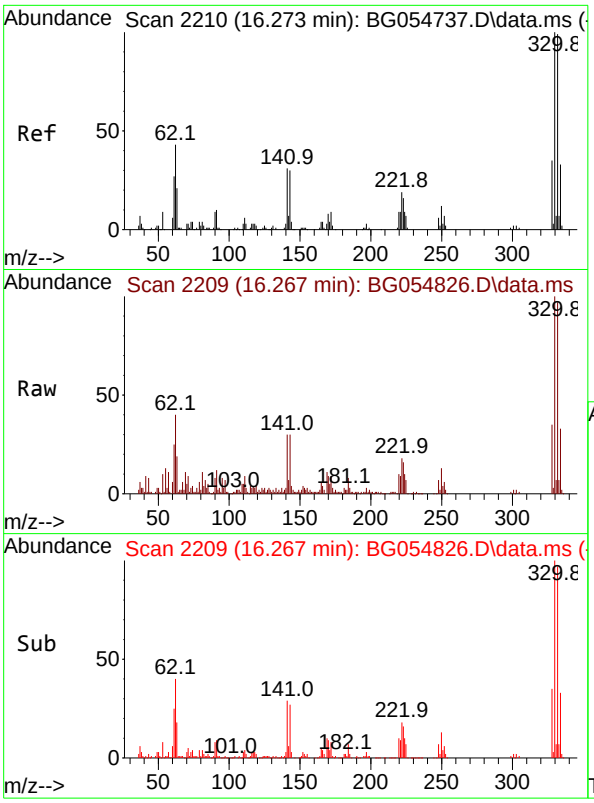


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:164 Resp: 113543

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.4
160	45.9	38.0	57.0



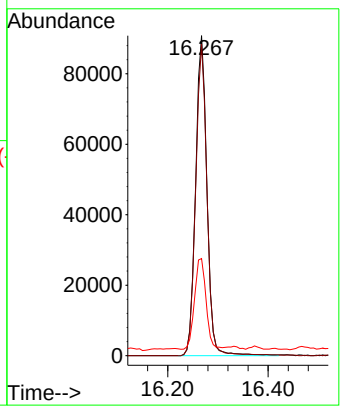


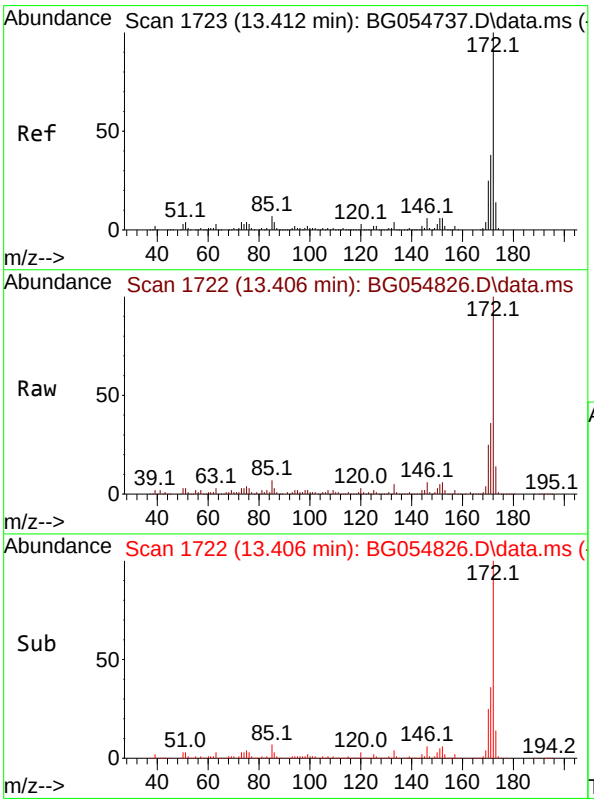
#42
2,4,6-Tribromophenol
Concen: 100.227 ng
RT: 16.267 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:330 Resp: 142202

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.8	119.6
141	28.7	26.8	40.2

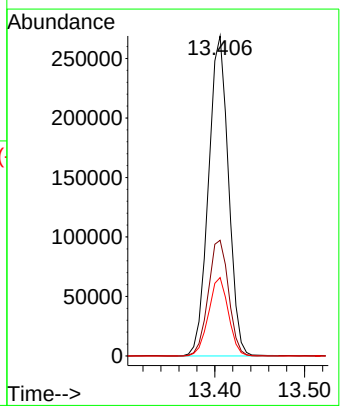


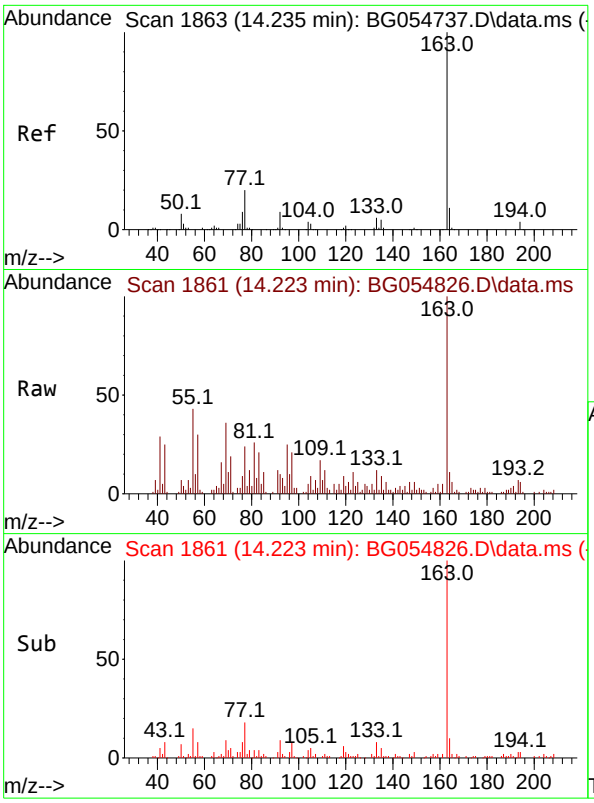


#45
2-Fluorobiphenyl
Concen: 54.987 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:172 Resp: 415391

Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.2	46.8
170	24.5	20.6	30.8



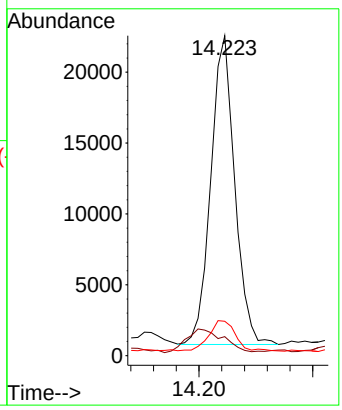


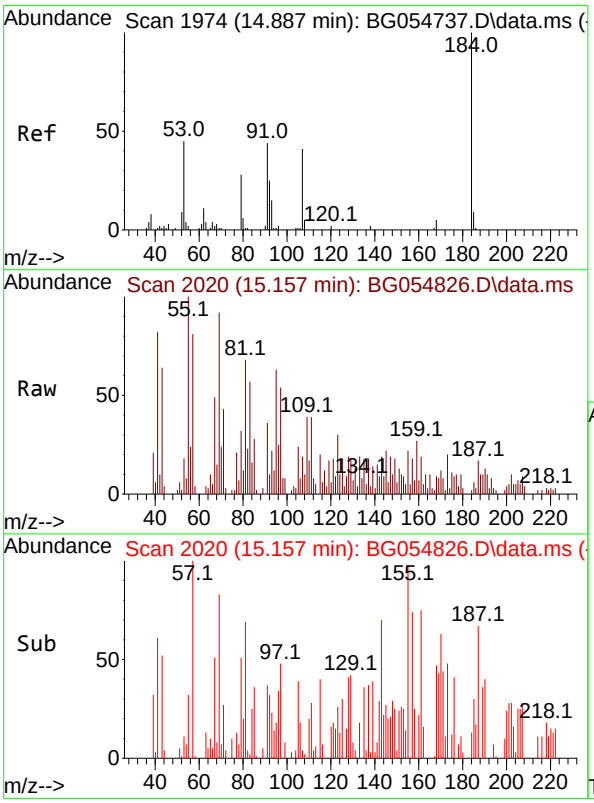
#50
Dimethylphthalate
Concen: 3.644 ng
RT: 14.223 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:163 Resp: 31874

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.0	4.4#
164	10.7	8.0	12.0

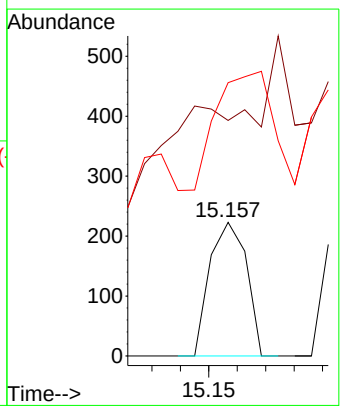


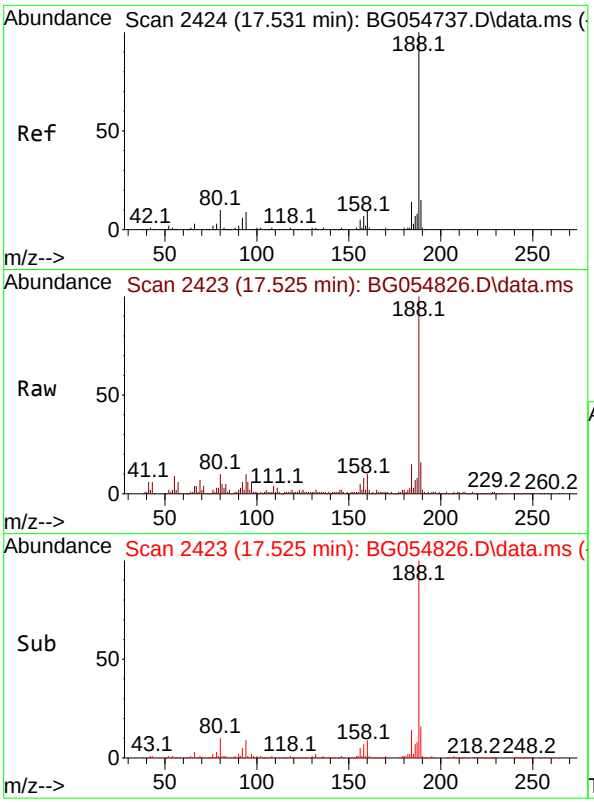


#54
2,4-Dinitrophenol
Concen: 6.881 ng
RT: 15.157 min Scan# 2020
Delta R.T. 0.270 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:184 Resp: 200

Ion	Ratio	Lower	Upper
184	100		
63	176.2	41.8	62.8#
154	204.5	45.2	67.8#



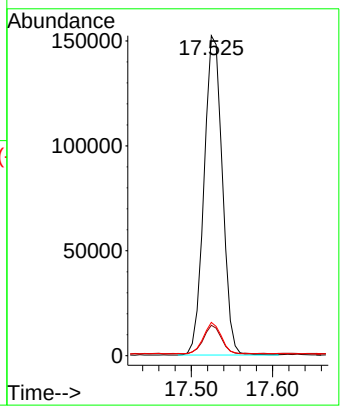


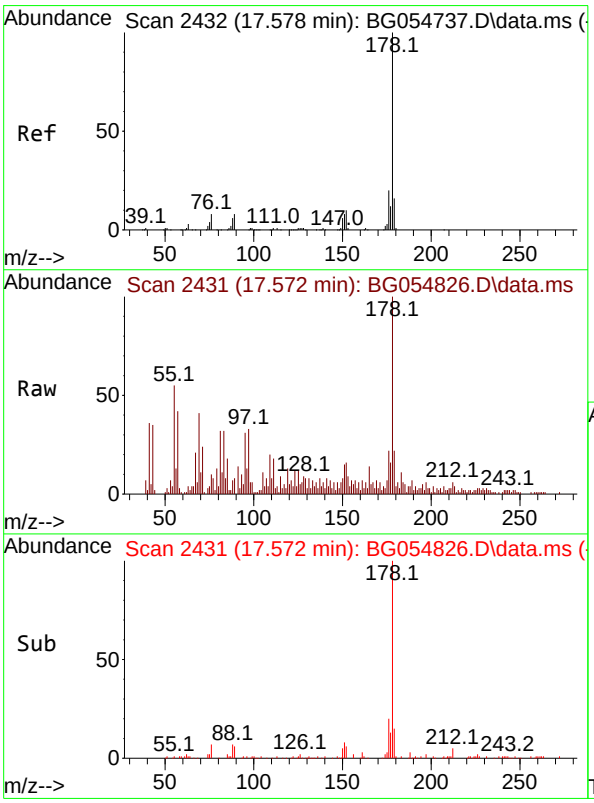
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:188 Resp: 237452

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.4	7.9	11.9

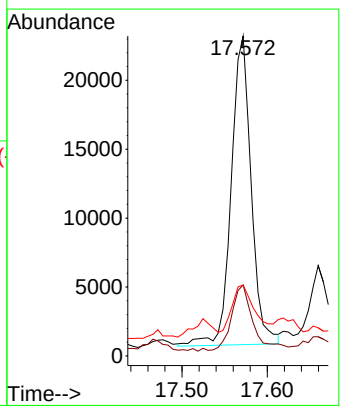


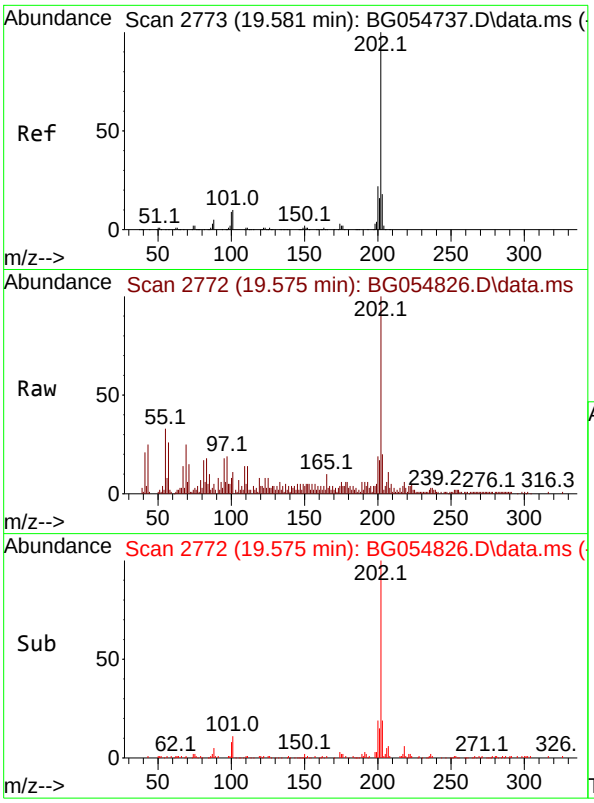


#71
Phenanthrene
Concen: 2.889 ng
RT: 17.572 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:178 Resp: 36548

Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.6	25.0
179	22.2	12.8	19.2#





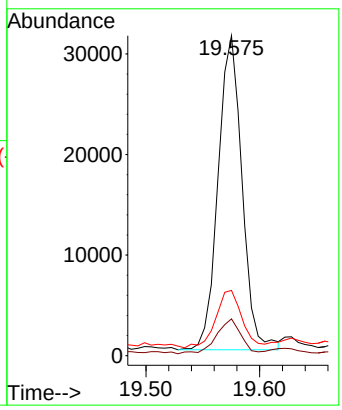
#75
Fluoranthene
Concen: 2.969 ng
RT: 19.575 min Scan# 2

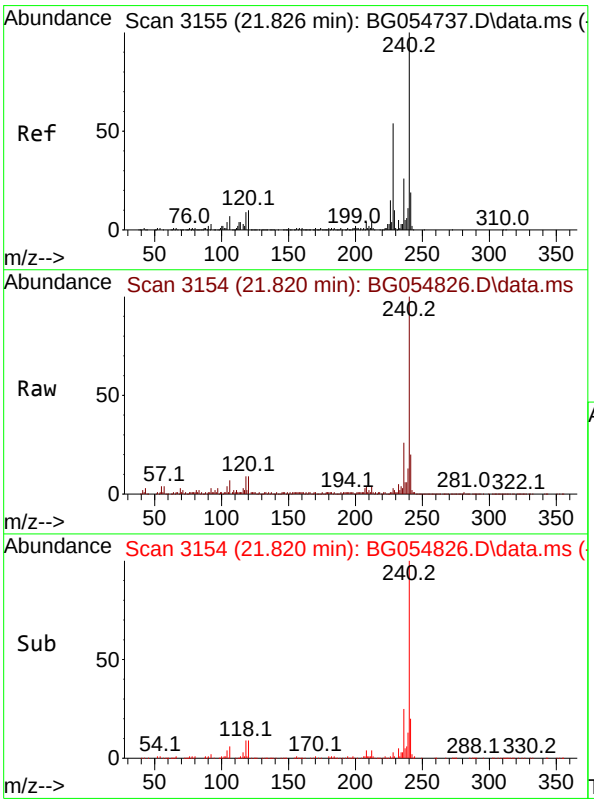
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:202 Resp: 45684

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	20.4	0.0	38.6

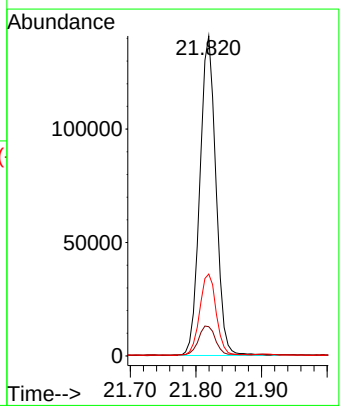


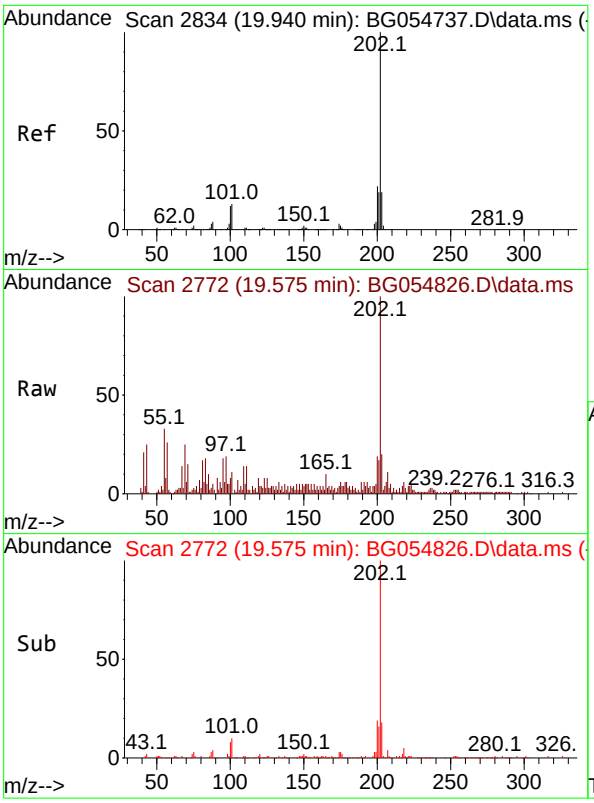


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:240 Resp: 240615

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.4
236	25.6	21.2	31.8



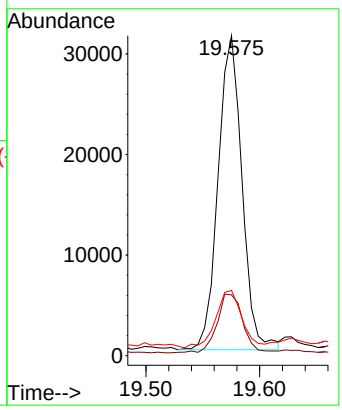


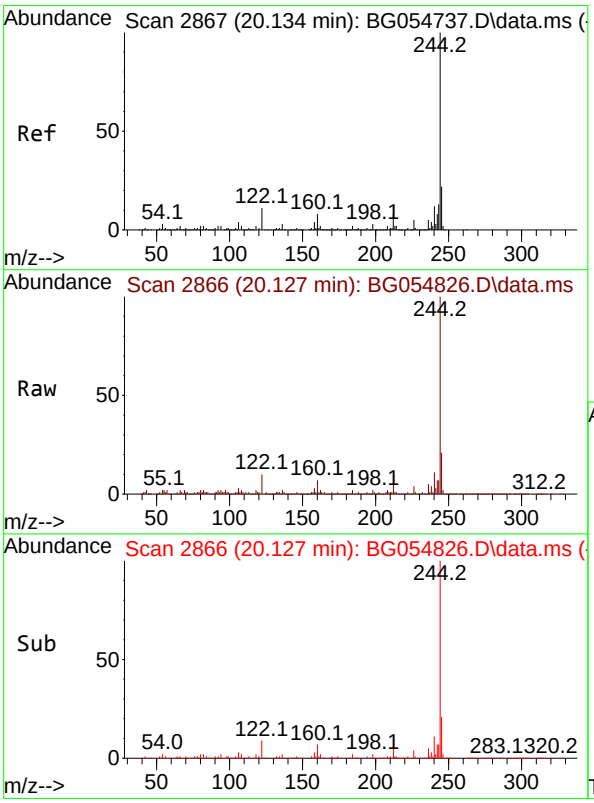
#78
Pyrene
Concen: 2.723 ng
RT: 19.575 min Scan# 2
Delta R.T. -0.365 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:202 Resp: 45684

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.8	26.6
203	20.4	14.6	21.8

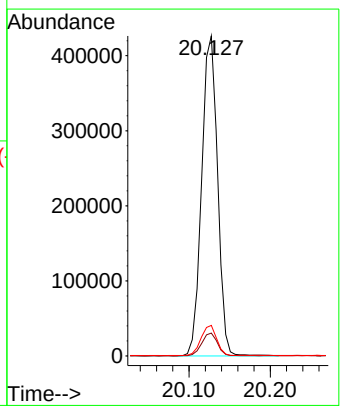


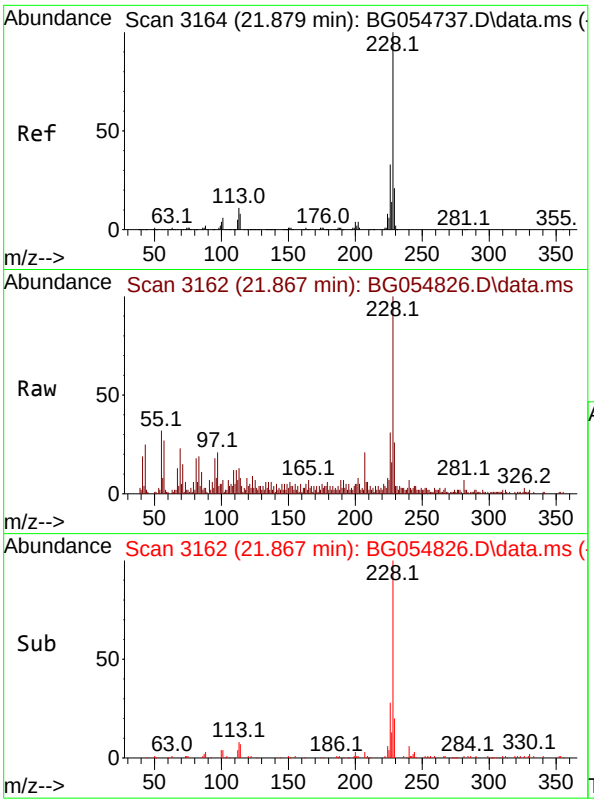


#79
Terphenyl-d14
Concen: 47.715 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:244 Resp: 579443

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.5	9.0	13.6



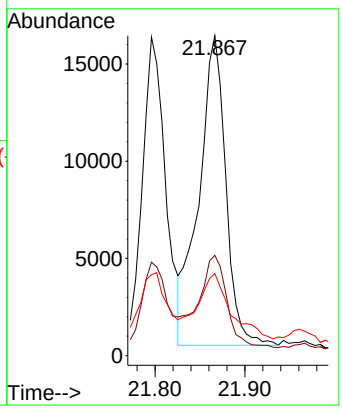


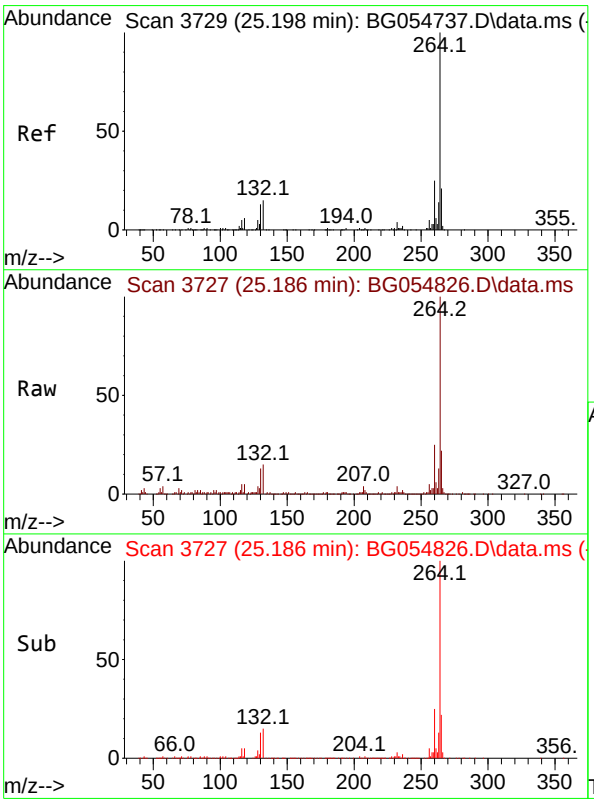
#83
Chrysene
Concen: 2.138 ng
RT: 21.867 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:228 Resp: 33347

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	25.7	16.8	25.2#

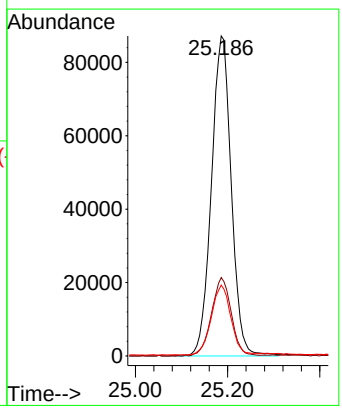


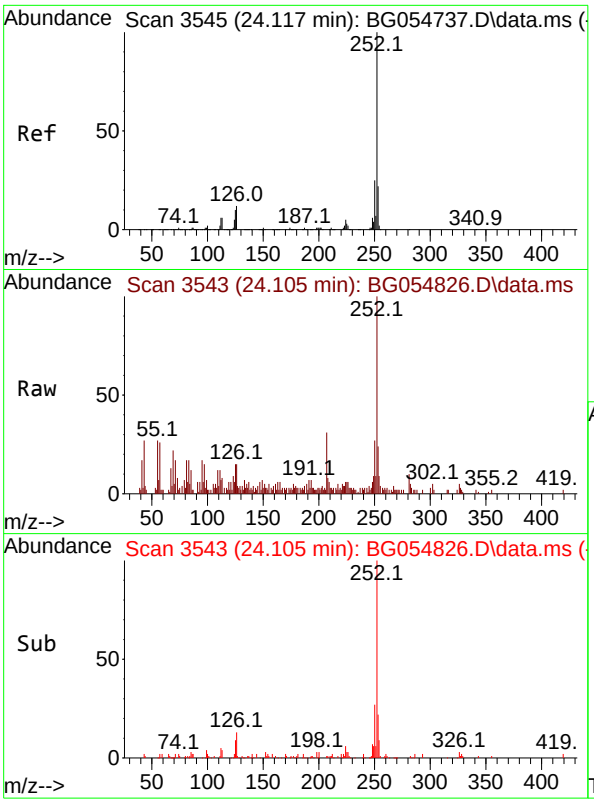


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3727
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:264 Resp: 260567

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.1	16.9	25.3



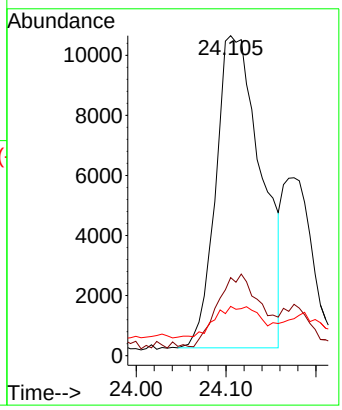


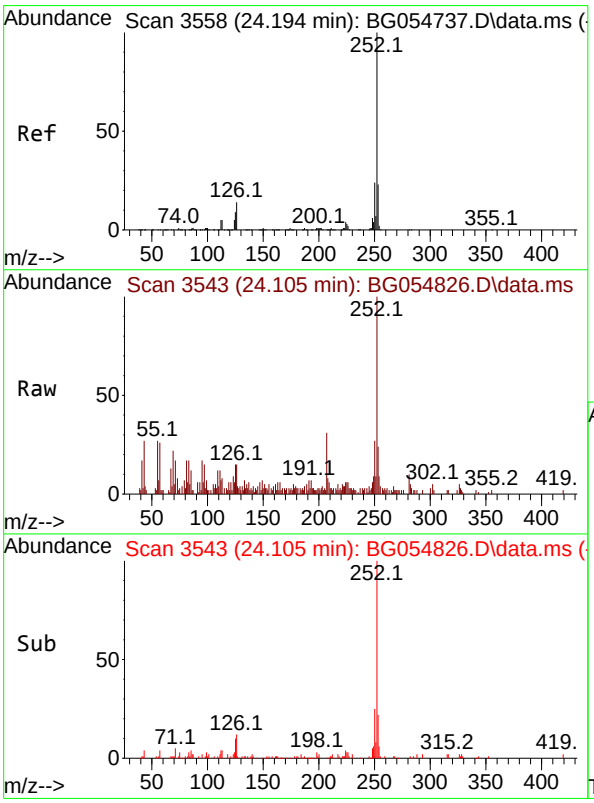
#88
Benzo(b)fluoranthene
Concen: 2.226 ng
RT: 24.105 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Tgt Ion:252 Resp: 36392

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	15.4	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 2.212 ng
RT: 24.105 min Scan# 3543
Delta R.T. -0.088 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:252 Resp: 36392

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	15.4	8.2	12.4#