Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054843.D
Acq On : 2 Sep 2022 16:53
Operator : CG/JU
Sample : N4469-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Quant Time: Sep 03 00:28:32 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	8.148	152	42430	20.000	ng		0.00
21) Naphthalene-d8	10.974	136	179522	20.000	ng		0.00
39) Acenaphthene-d10	14.776	164	117412	20.000	ng		-0.01
64) Phenanthrene-d10	17.526	188	242692	20.000	ng		0.00
76) Chrysene-d12	21.821	240	223734	20.000	ng		0.00
86) Perylene-d12	25.199	264	241107	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	256839	105.409	ng		0.00
7) Phenol-d6	7.302	99	353193	105.992	ng		0.00
23) Nitrobenzene-d5	9.323	82	212175	62.045	ng		0.00
42) 2,4,6-Tribromophenol	16.268	330	142661	97.238	ng		0.00
45) 2-Fluorobiphenyl	13.407	172	515513	65.992	ng		0.00
79) Terphenyl-d14	20.128	244	712342	63.085	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	26588	11.603	ng	#	77
31) Naphthalene	11.021	128	46631	4.841	ng		99
37) 2-Methylnaphthalene	12.620	142	35280	5.226	ng		97
38) 1-Methylnaphthalene	12.837	142	26461	4.029	ng		99
51) 2,6-Dinitrotoluene	14.782	165	17447	9.430	ng	#	22
52) Acenaphthene	14.841	154	37434	5.333	ng		100
55) Dibenzofuran	15.175	168	46538	4.512	ng		96
56) 4-Nitrophenol	15.175	139	17110	10.675	ng	#	8
58) Fluorene	15.822	166	67412	7.759	ng		100
67) 4-Bromophenyl-phenylether	16.268	248	8937	3.354	ng	#	1
71) Phenanthrene	17.573	178	733317	56.722	ng		100
72) Anthracene	17.661	178	173917	13.837	ng		98
73) Carbazole	17.931	167	39153	3.381	ng		98
75) Fluoranthene	19.582	202	1178033	74.903	ng		97
78) Pyrene	19.940	202	1018715	65.299	ng		98
81) Benzo(a)anthracene	21.803	228	590109	38.900	ng		99
83) Chrysene	21.873	228	503055	34.683	ng		98
87) Indeno(1,2,3-cd)pyrene	29.071	276	309542	16.911	ng		97
88) Benzo(b)fluoranthene	24.124	252	678594	44.866	ng		100
89) Benzo(k)fluoranthene	24.124	252	679019	44.609	ng		99
90) Benzo(a)pyrene	25.034	252	487510	37.727	ng		98
91) Dibenzo(a,h)anthracene	29.130	278	83781	5.618	ng		97
92) Benzo(g,h,i)perylene	30.305	276	286495	19.017	ng		96

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

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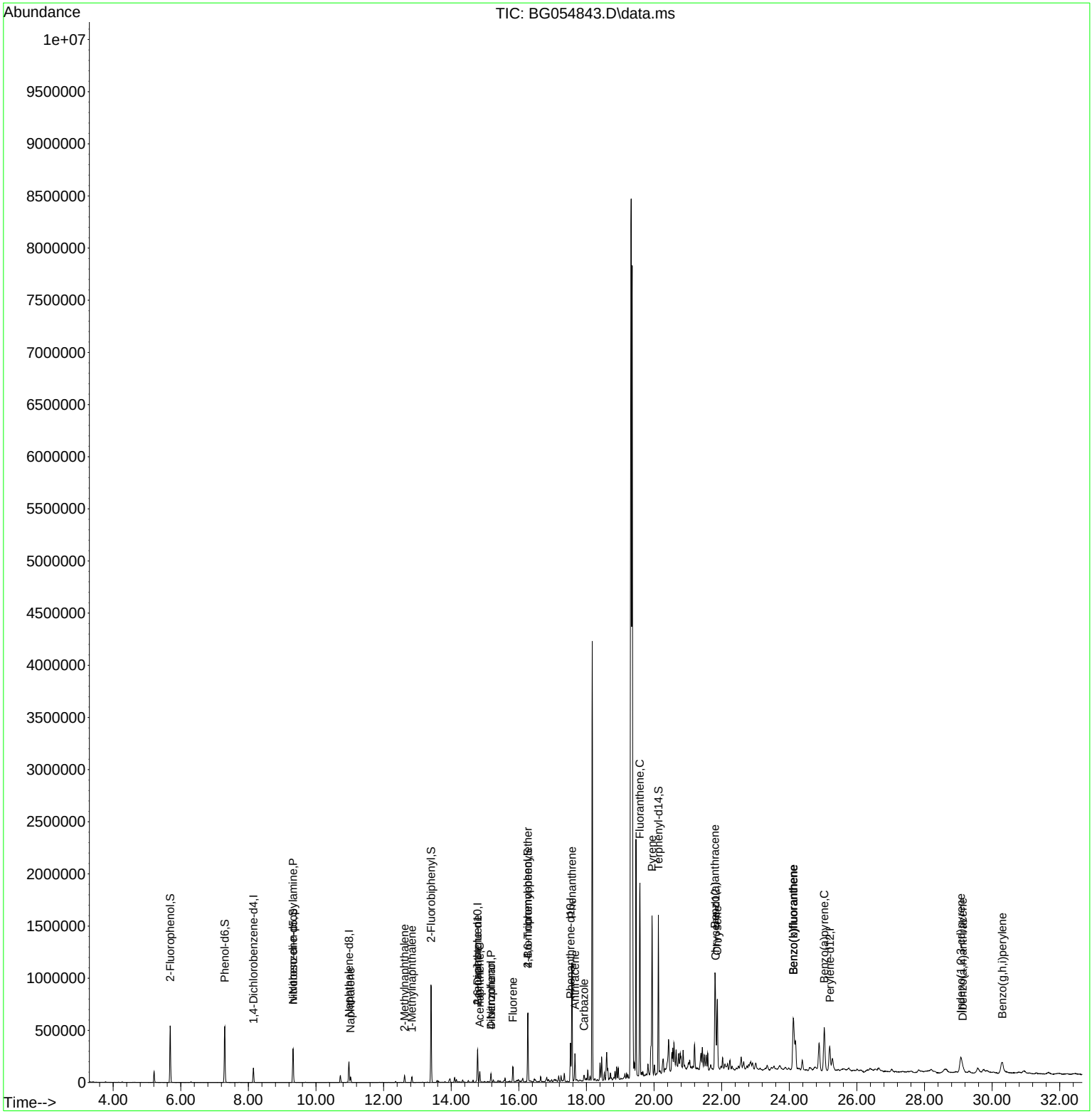
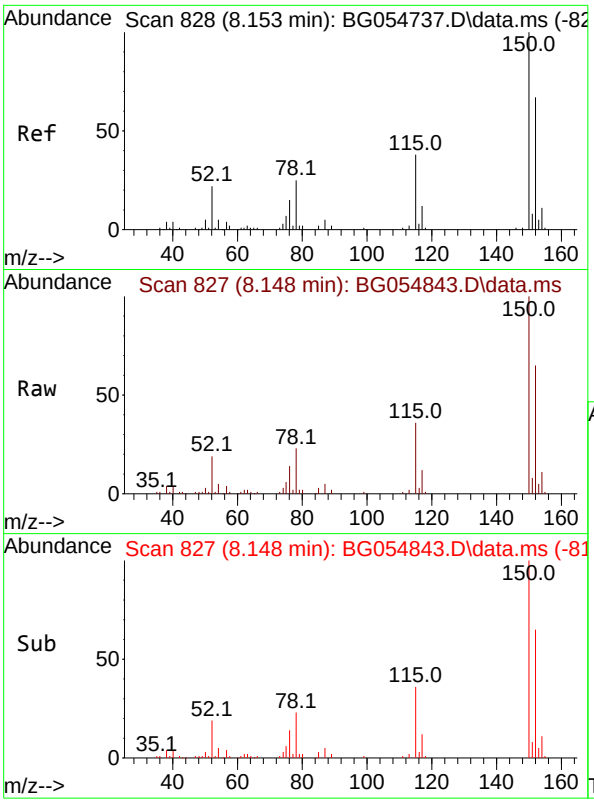
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



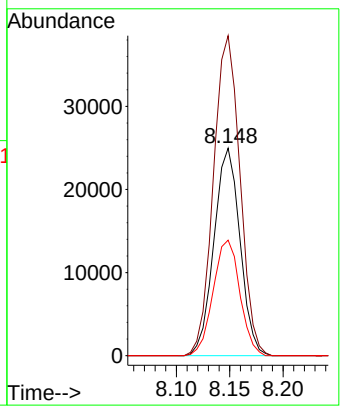


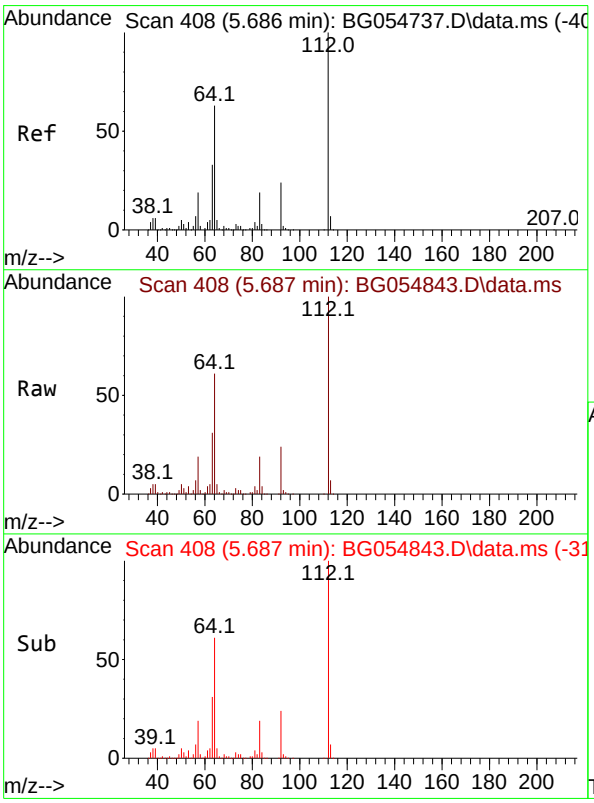
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:152 Resp: 42430

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.2	187.8
115	55.7	47.9	71.9

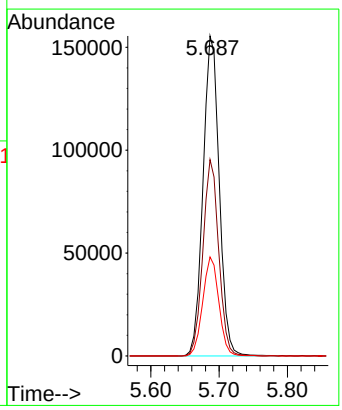


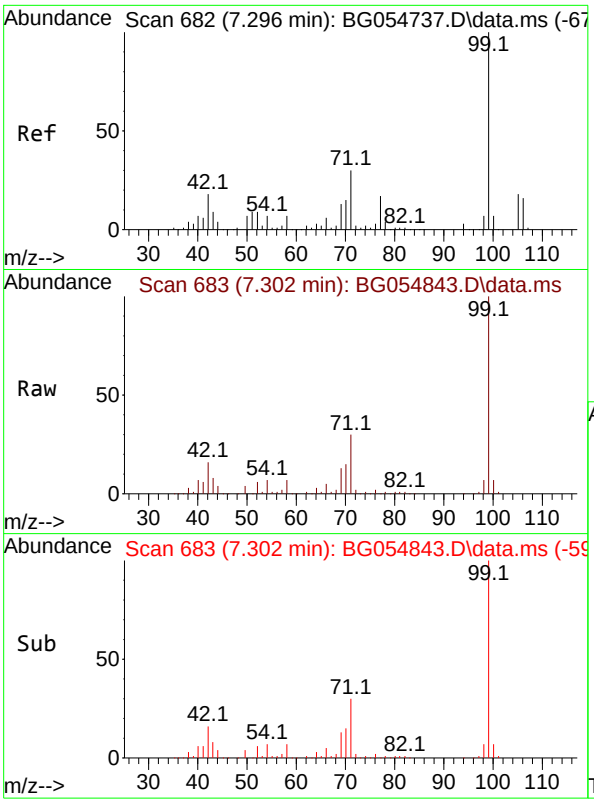


#5
2-Fluorophenol
Concen: 105.409 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:112 Resp: 256839

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.3	73.9
63	30.9	26.3	39.5



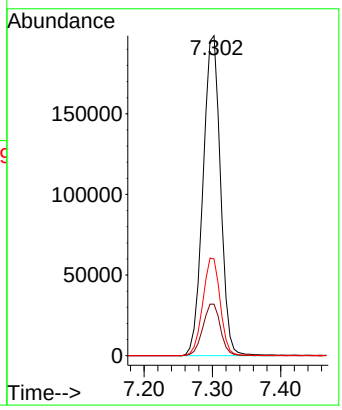


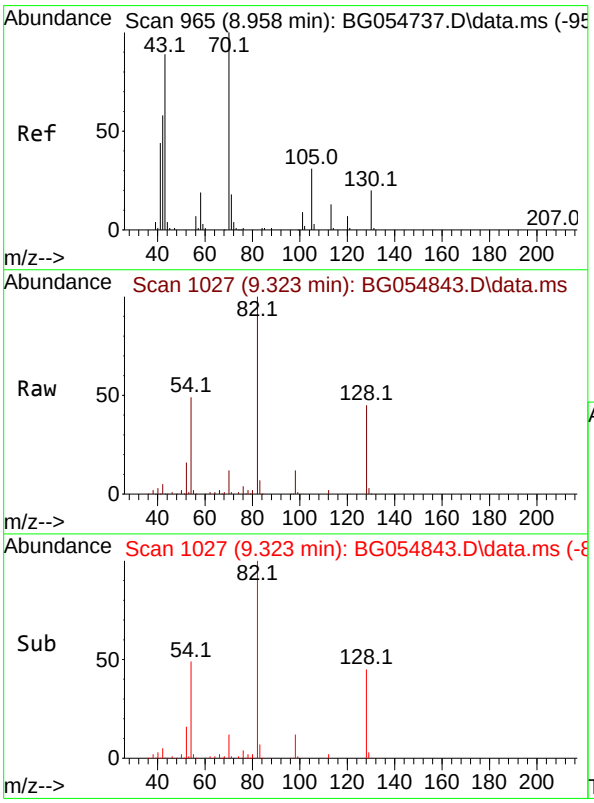
#7
Phenol-d6
Concen: 105.992 ng
RT: 7.302 min Scan# 6
Delta R.T. 0.007 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion: 99 Resp: 353193

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.6	22.0
71	30.3	24.6	37.0

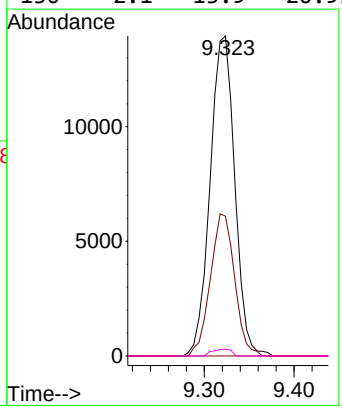


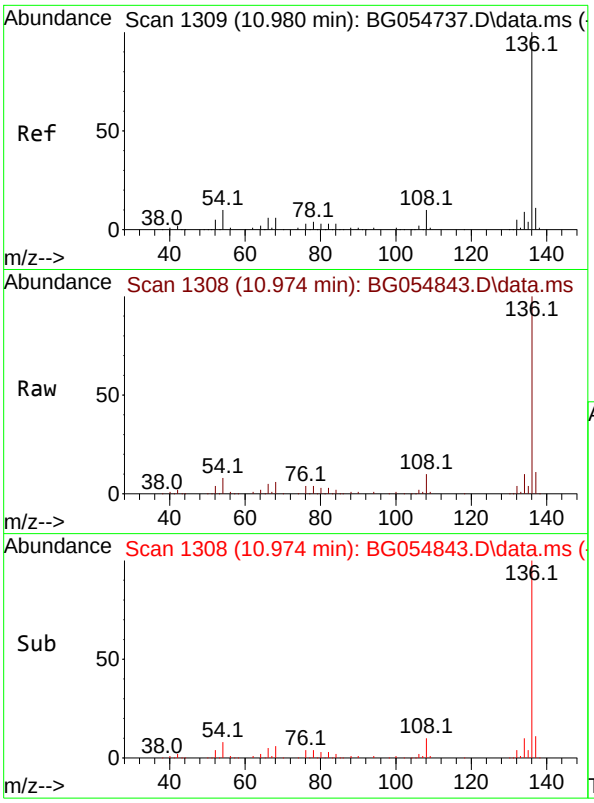


#19
n-Nitroso-di-n-propylamine
Concen: 11.603 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.365 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion: 70 Resp: 26588

Ion	Ratio	Lower	Upper
70	100		
42	43.7	46.6	69.8#
101	0.0	7.7	11.5#
130	2.1	13.9	20.9#



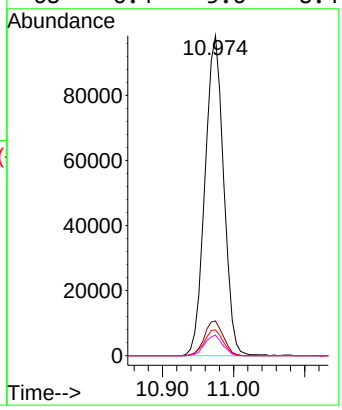


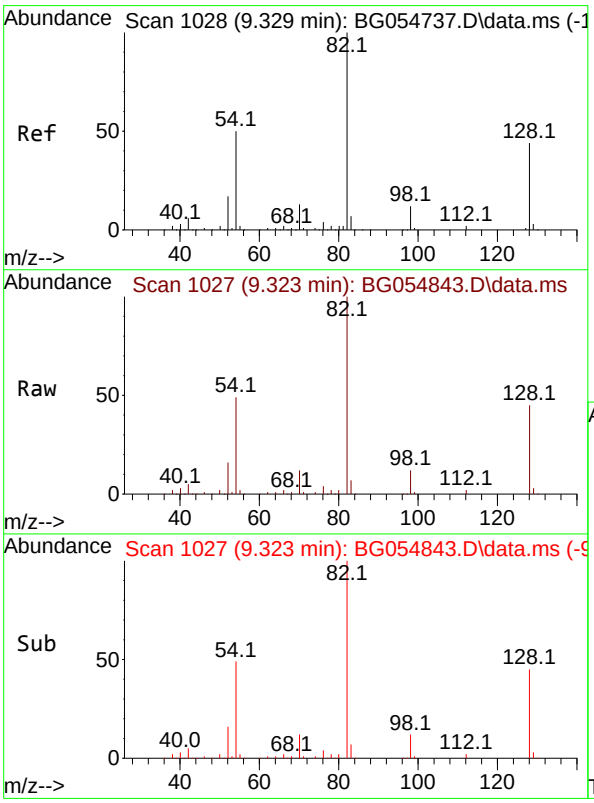
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:136 Resp: 179522

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.1	7.7	11.5
68	6.4	5.6	8.4

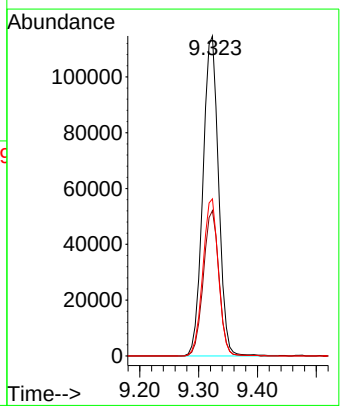


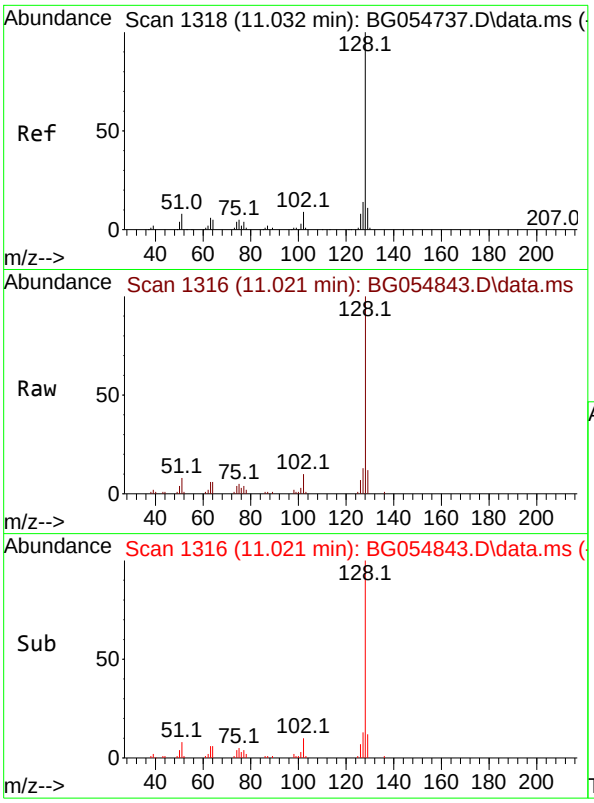


#23
Nitrobenzene-d5
Concen: 62.045 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion: 82 Resp: 212175

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.2	48.2
54	49.1	41.4	62.0



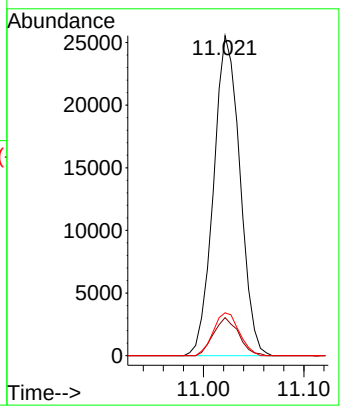


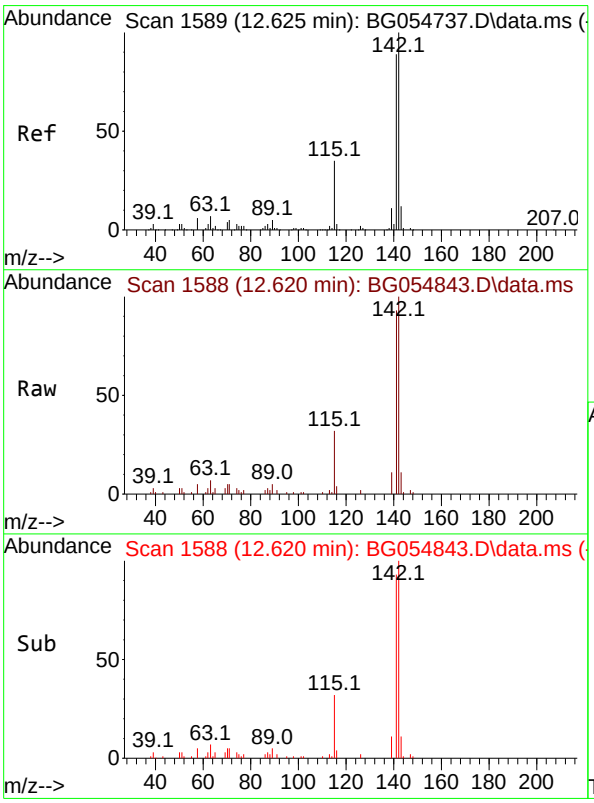
#31
Naphthalene
Concen: 4.841 ng
RT: 11.021 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:128 Resp: 46631

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	13.4	11.1	16.7

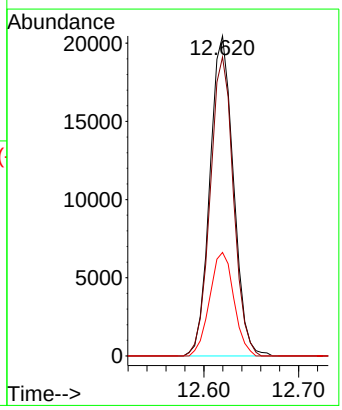


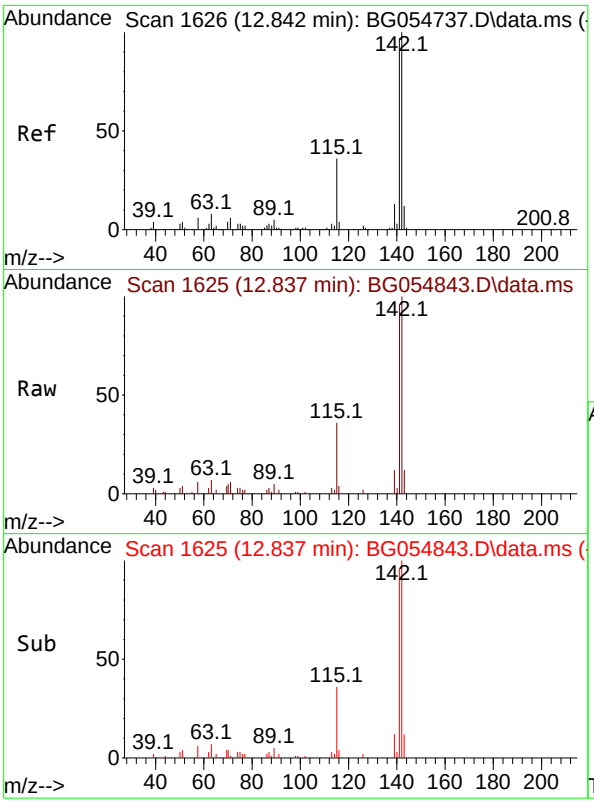


#37
2-Methylnaphthalene
Concen: 5.226 ng
RT: 12.620 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:142 Resp: 35280

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.4
115	32.4	27.3	40.9



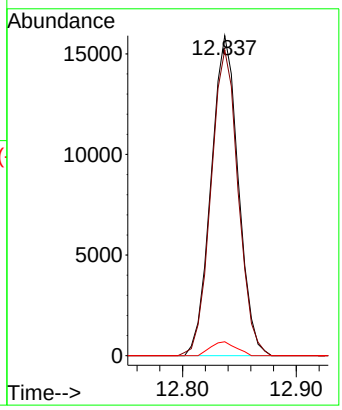


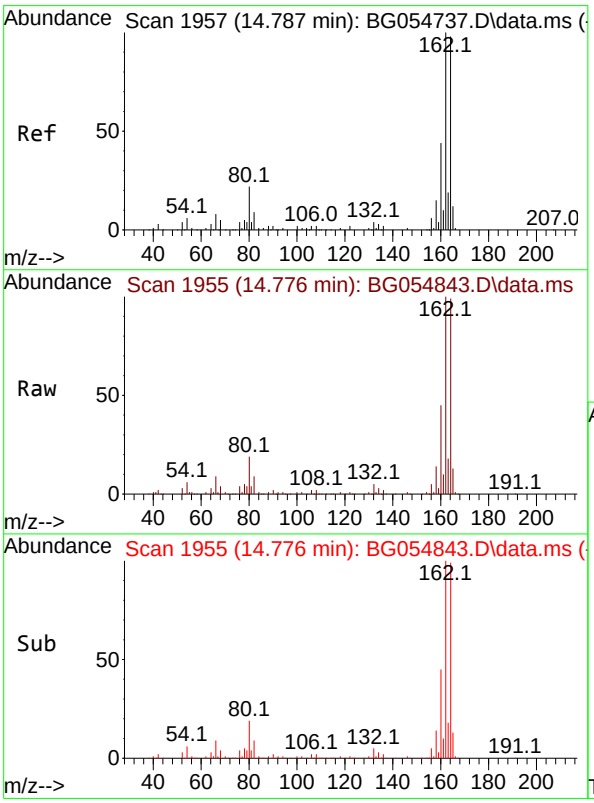
#38
1-Methylnaphthalene
Concen: 4.029 ng
RT: 12.837 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:142 Resp: 26461

Ion	Ratio	Lower	Upper
142	100		
141	95.5	77.4	116.0
116	4.4	3.0	4.4

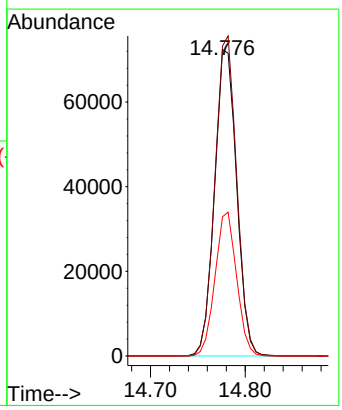


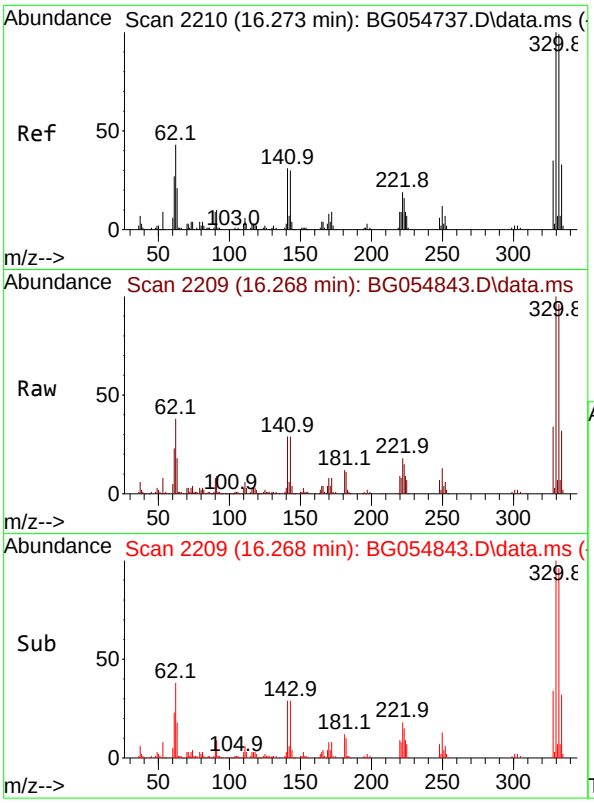


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:164 Resp: 117412

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.4
160	45.4	38.0	57.0



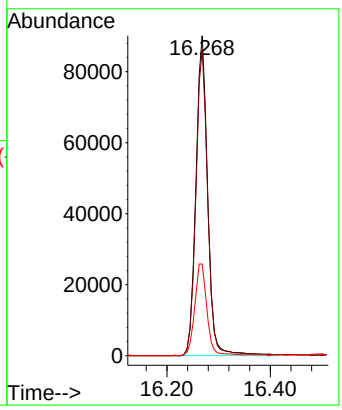


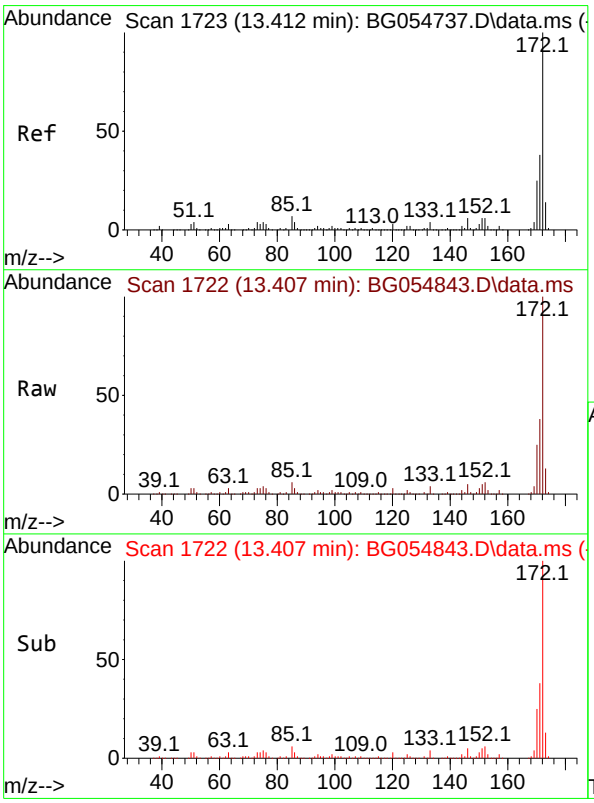
#42
2,4,6-Tribromophenol
Concen: 97.238 ng
RT: 16.268 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:330 Resp: 142661

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.8	119.6
141	29.9	26.8	40.2

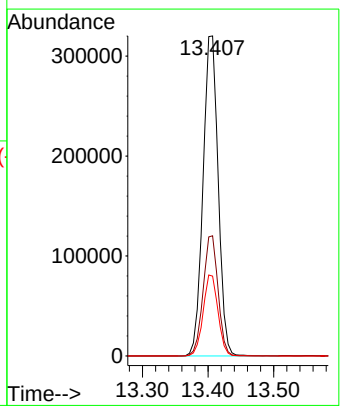


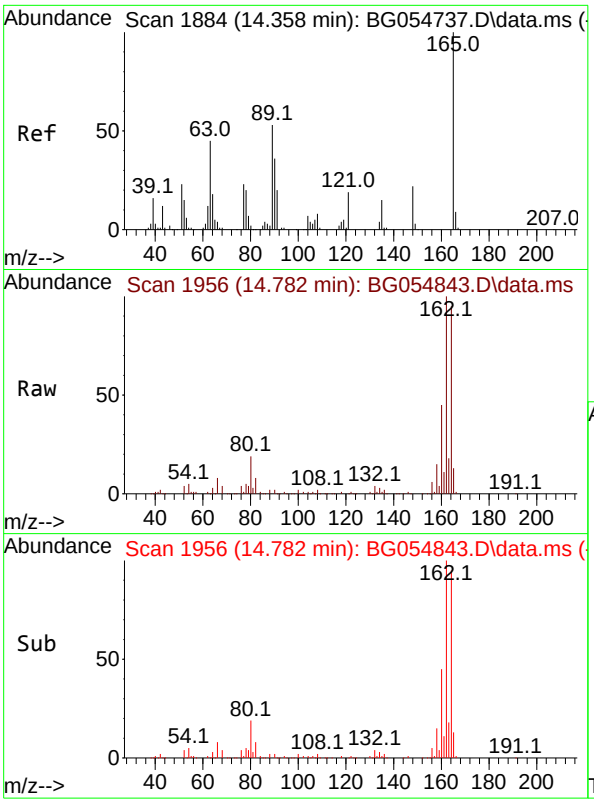


#45
2-Fluorobiphenyl
Concen: 65.992 ng
RT: 13.407 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:172 Resp: 515513

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.2	46.8
170	25.0	20.6	30.8



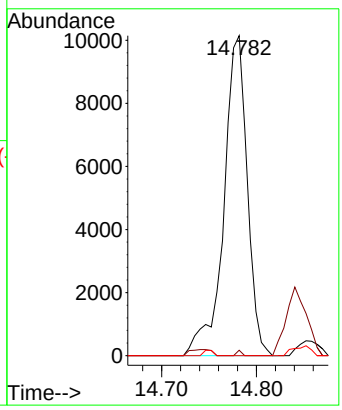


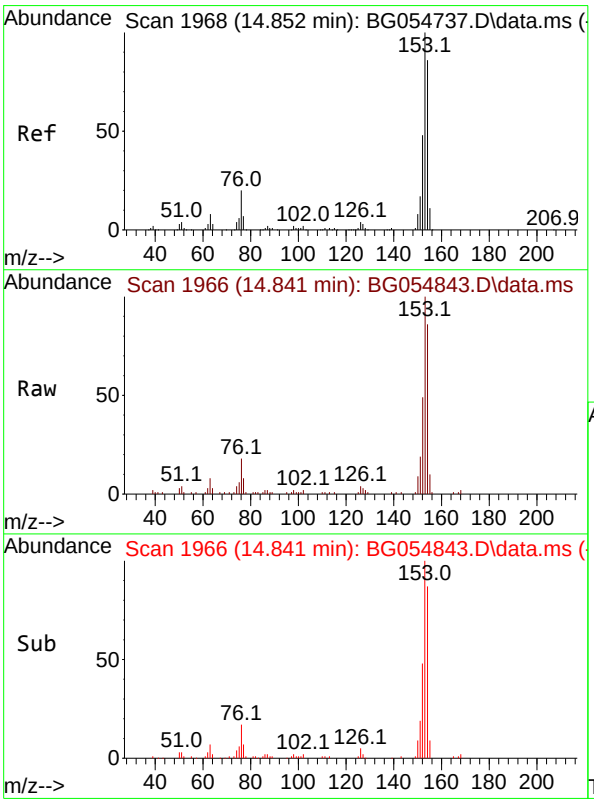
#51
2,6-Dinitrotoluene
Concen: 9.430 ng
RT: 14.782 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:165 Resp: 17447

Ion	Ratio	Lower	Upper
165	100		
63	1.7	46.0	69.0#
89	0.0	50.3	75.5#

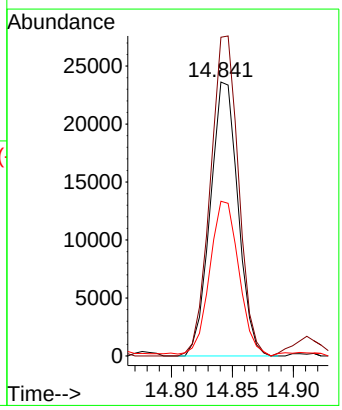


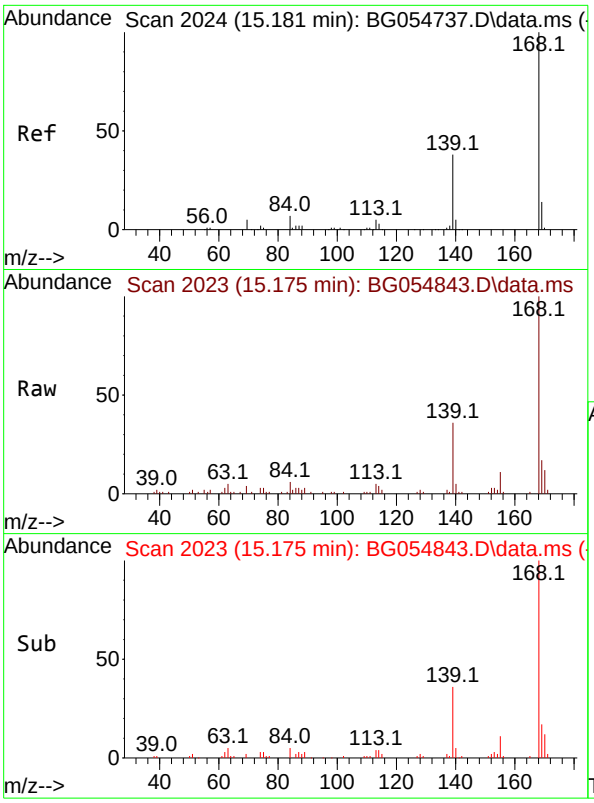


#52
Acenaphthene
Concen: 5.333 ng
RT: 14.841 min Scan# 1966
Delta R.T. -0.011 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:154 Resp: 37434

Ion	Ratio	Lower	Upper
154	100		
153	116.3	92.8	139.2
152	56.5	45.4	68.2



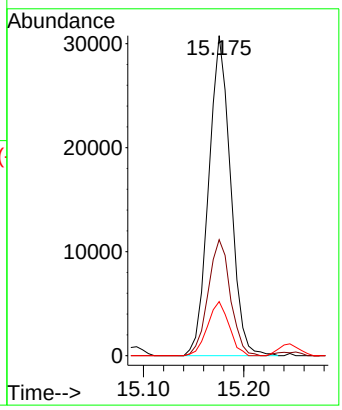


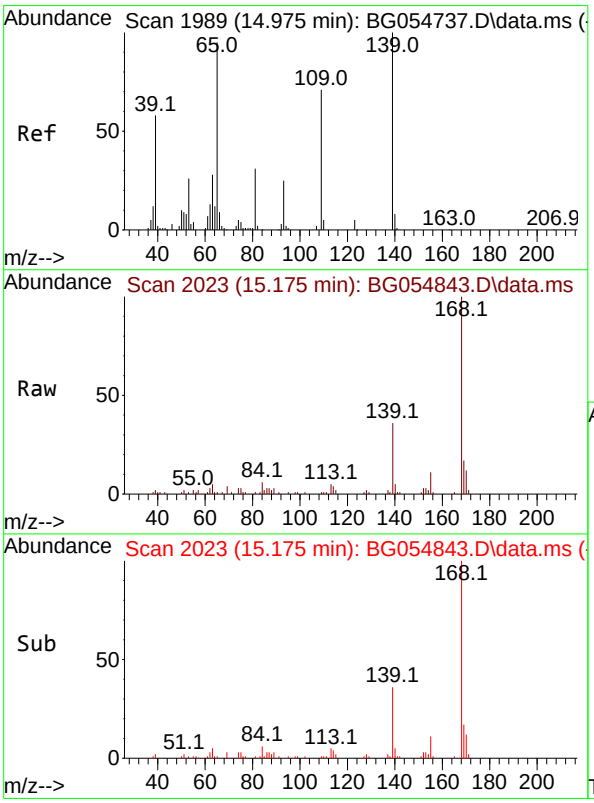
#55
Dibenzofuran
Concen: 4.512 ng
RT: 15.175 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:168 Resp: 46538

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.2	45.2
169	16.9	11.3	16.9

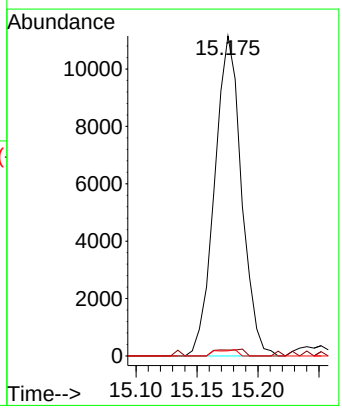


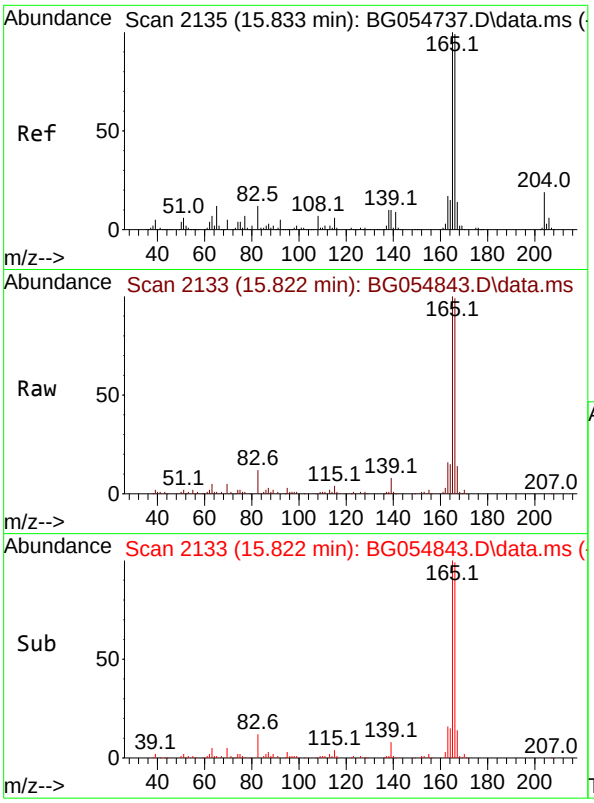


#56
4-Nitrophenol
Concen: 10.675 ng
RT: 15.175 min Scan# 2023
Delta R.T. 0.201 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:139 Resp: 17110

Ion	Ratio	Lower	Upper
139	100		
109	1.8	50.5	90.5#
65	1.6	79.9	119.9#



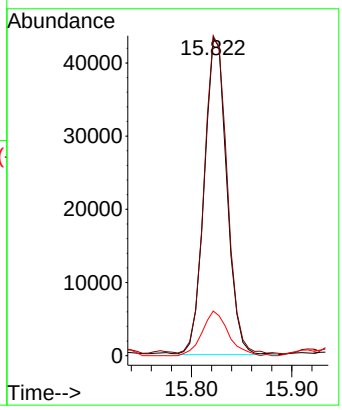


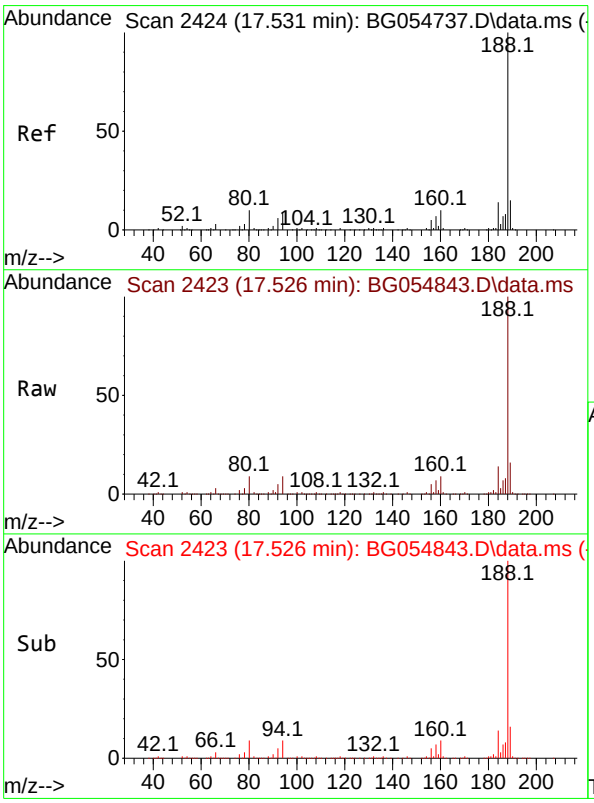
#58
Fluorene
Concen: 7.759 ng
RT: 15.822 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:166 Resp: 67412

Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.8	121.2
167	14.0	11.4	17.0

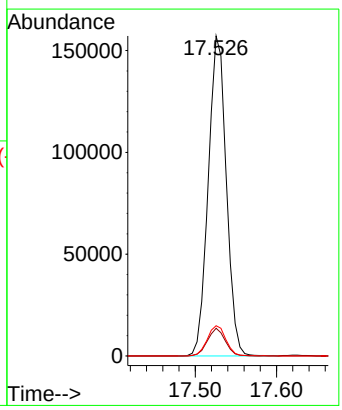


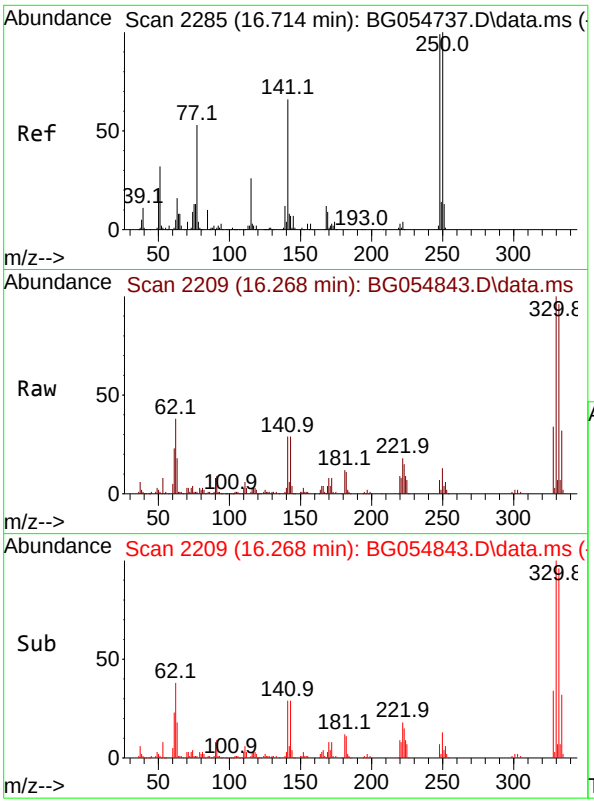


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:188 Resp: 242692

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.5	7.9	11.9



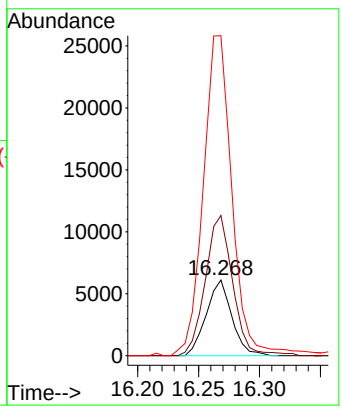


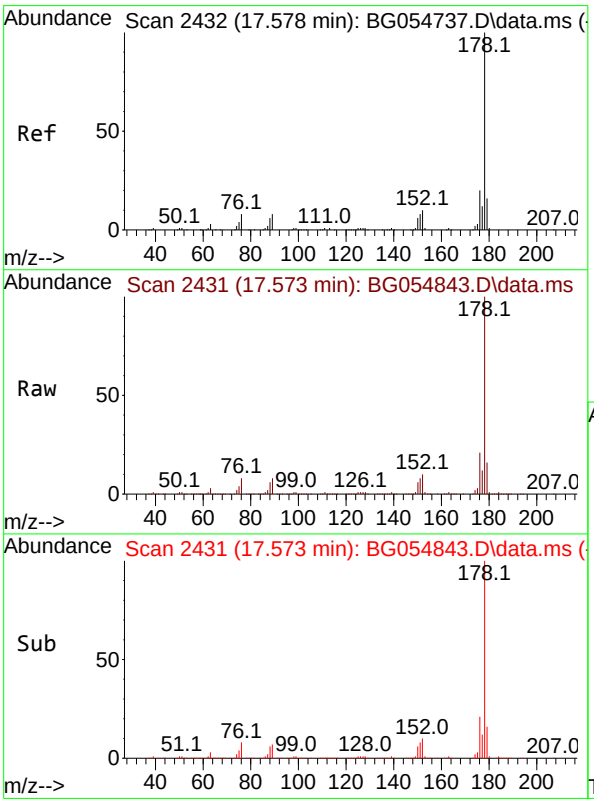
#67
4-Bromophenyl-phenylether
Concen: 3.354 ng
RT: 16.268 min Scan# 2
Delta R.T. -0.446 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:248 Resp: 8937

Ion	Ratio	Lower	Upper
248	100		
250	185.0	78.8	118.2#
141	422.6	51.9	77.9#

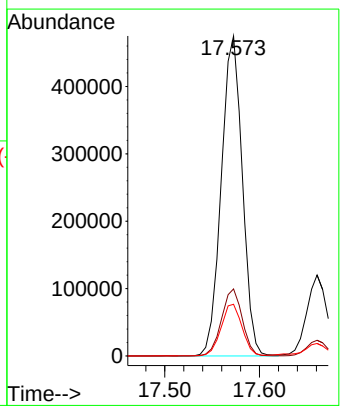


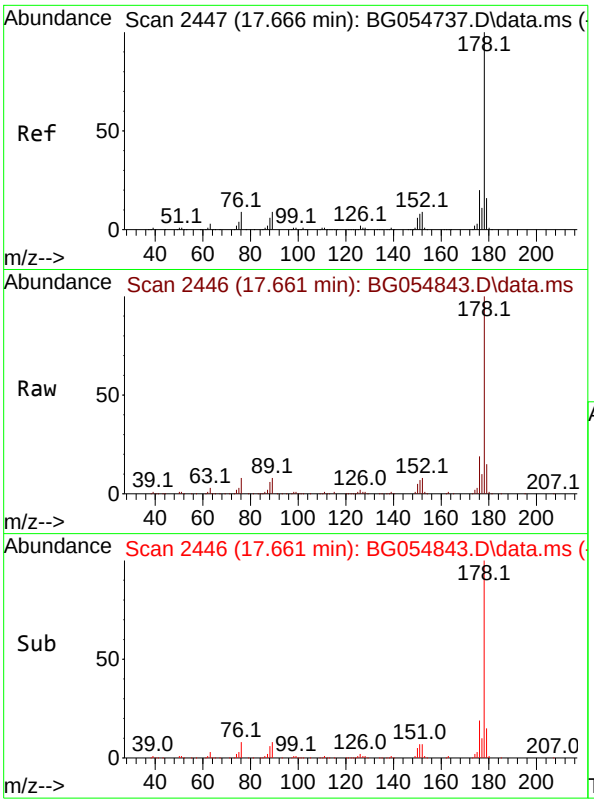


#71
Phenanthrene
Concen: 56.722 ng
RT: 17.573 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:178 Resp: 733317

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.1	12.8	19.2



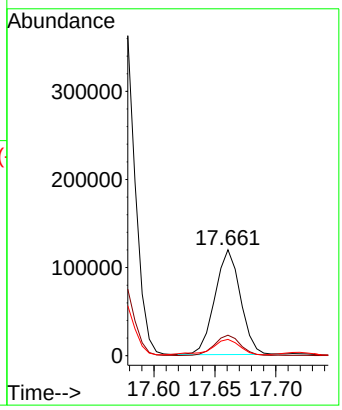


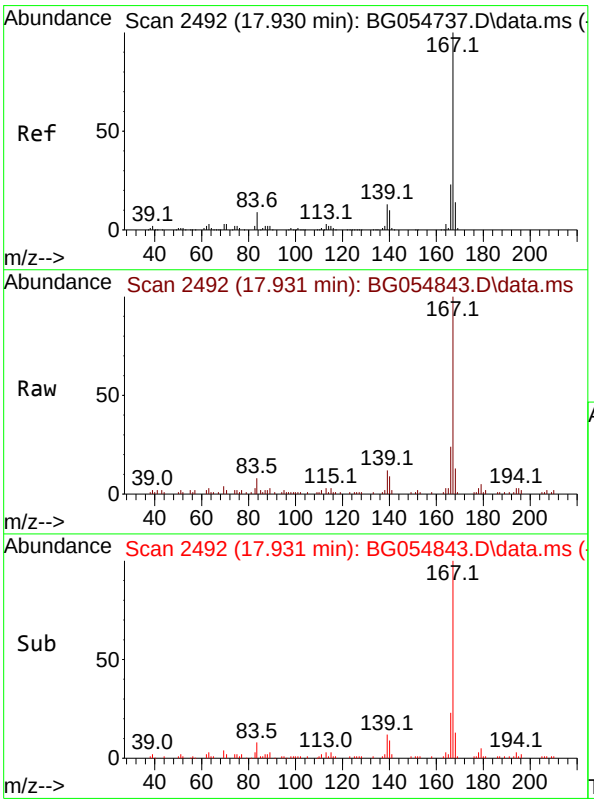
#72
Anthracene
Concen: 13.837 ng
RT: 17.661 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:178 Resp: 173917

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.4	12.9	19.3

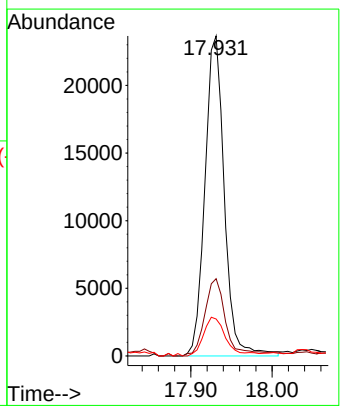


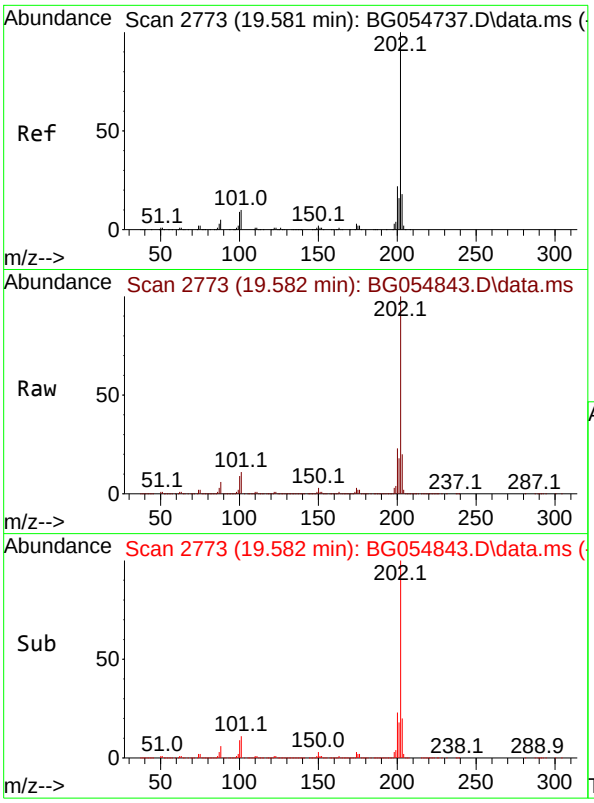


#73
Carbazole
Concen: 3.381 ng
RT: 17.931 min Scan# 2492
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:167 Resp: 39153

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.8	28.2
139	11.6	10.2	15.4



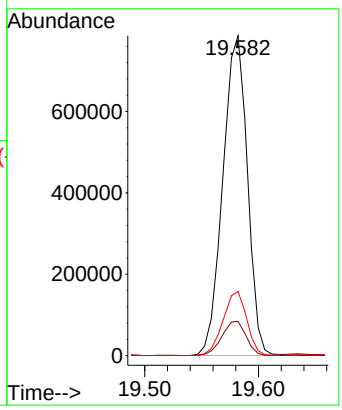


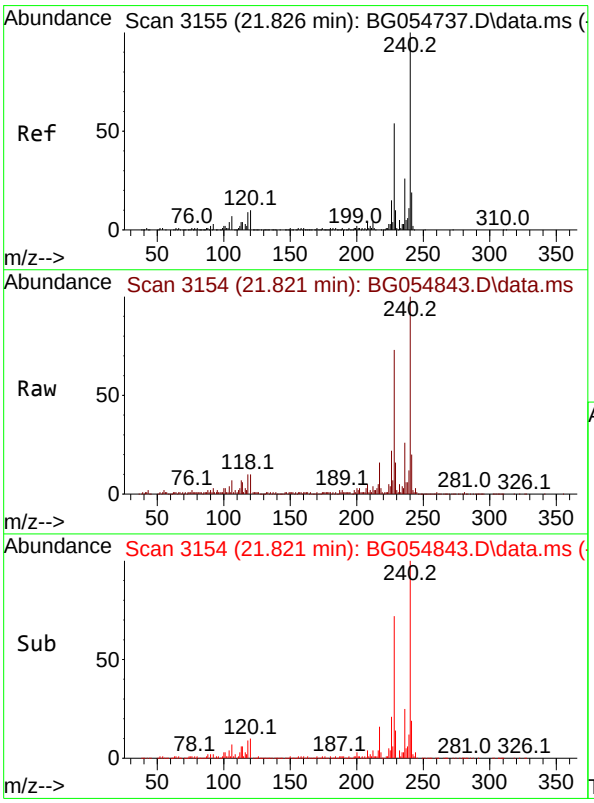
#75
Fluoranthene
Concen: 74.903 ng
RT: 19.582 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:202 Resp: 1178033

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	20.1	0.0	38.6

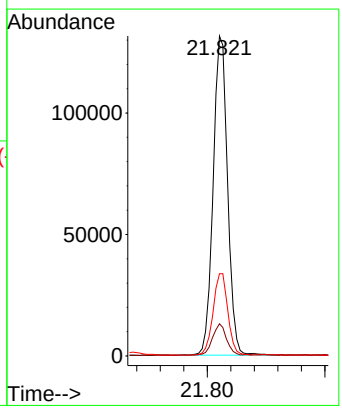


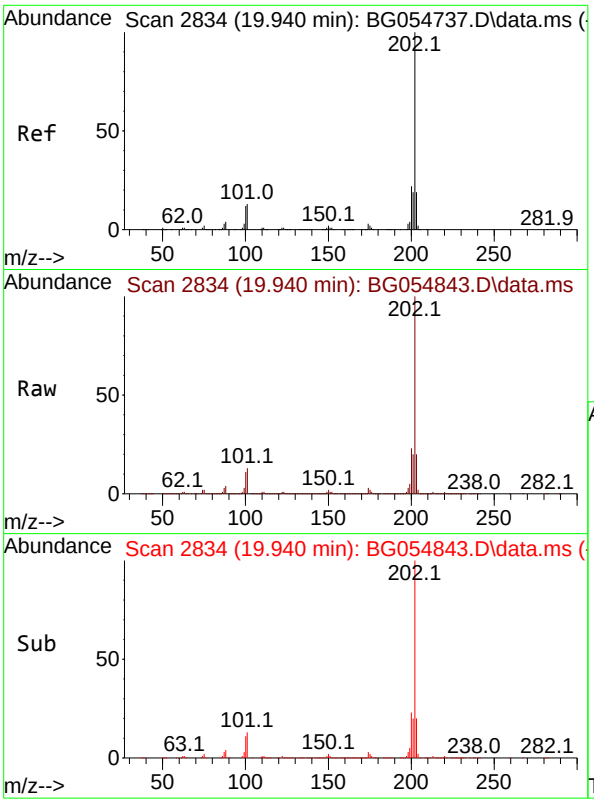


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:240 Resp: 223734

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.4
236	25.7	21.2	31.8



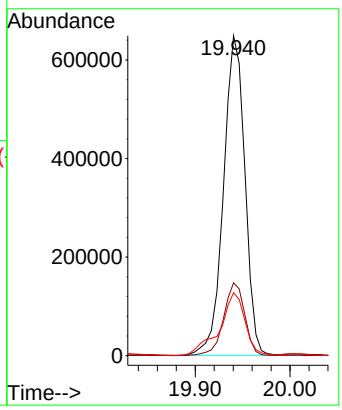


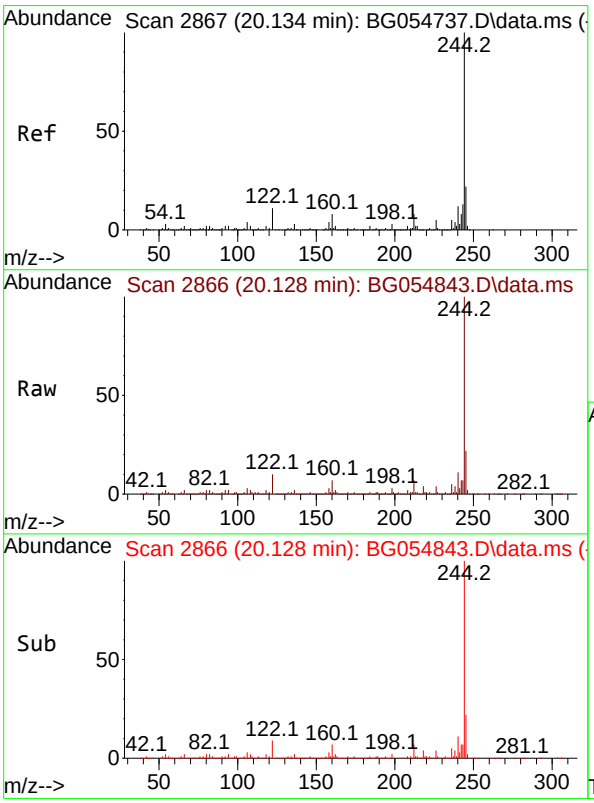
#78
Pyrene
Concen: 65.299 ng
RT: 19.940 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:202 Resp: 1018715

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.6
203	19.6	14.6	21.8

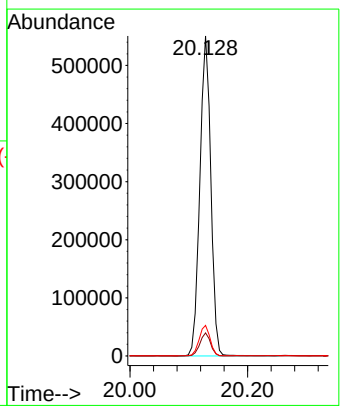


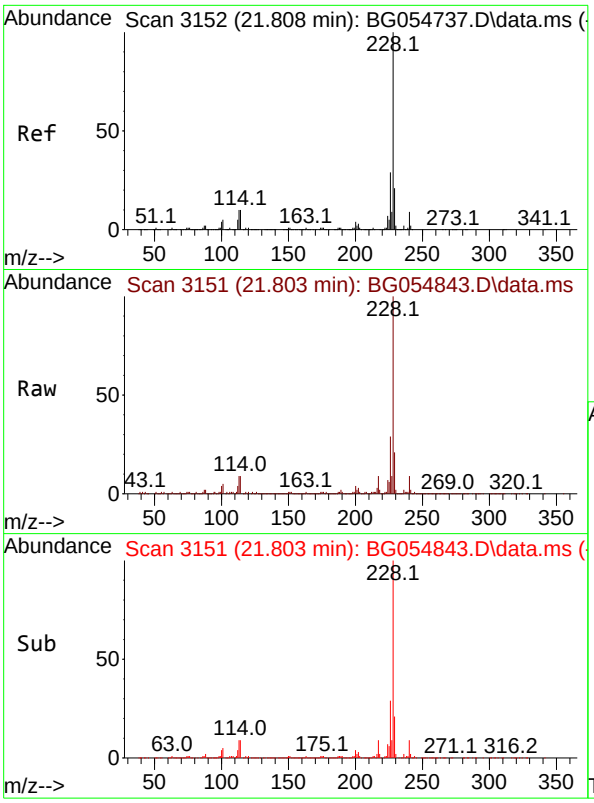


#79
Terphenyl-d14
Concen: 63.085 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:244 Resp: 712342

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



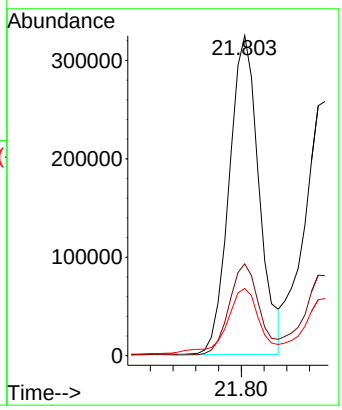


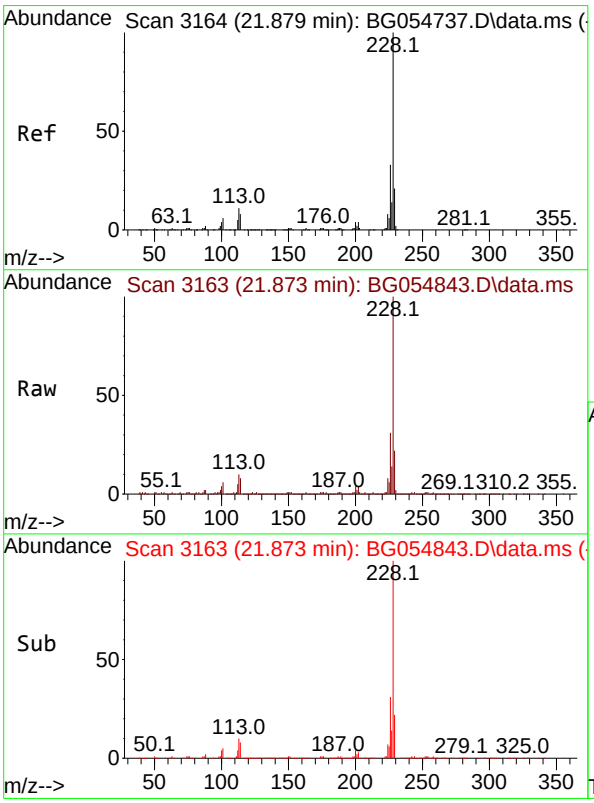
#81
Benzo(a)anthracene
Concen: 38.900 ng
RT: 21.803 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:228 Resp: 590109

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.0	16.5	24.7

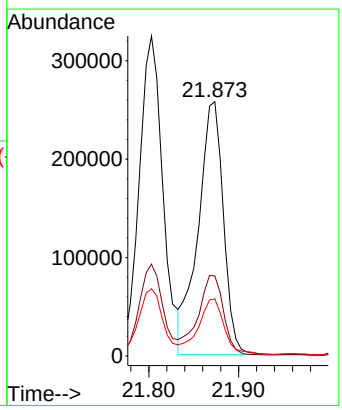


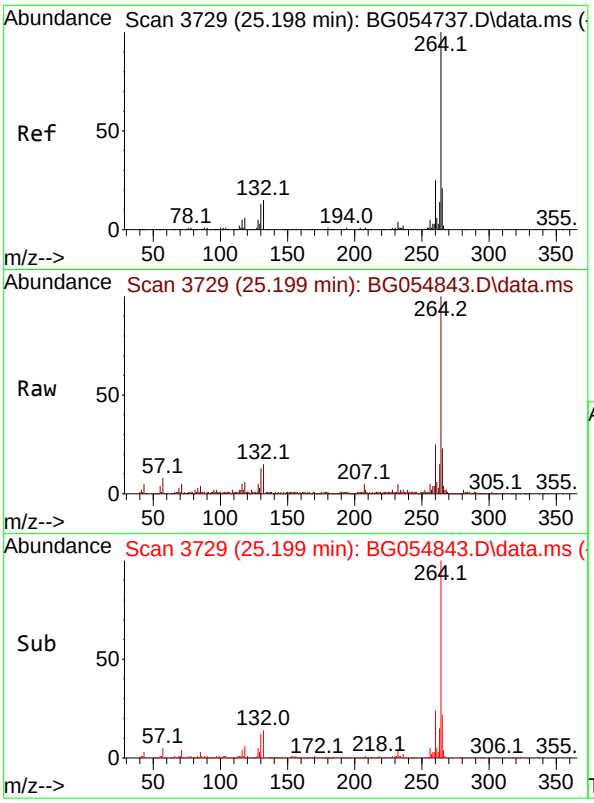


#83
Chrysene
Concen: 34.683 ng
RT: 21.873 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:228 Resp: 503055

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	22.5	16.8	25.2



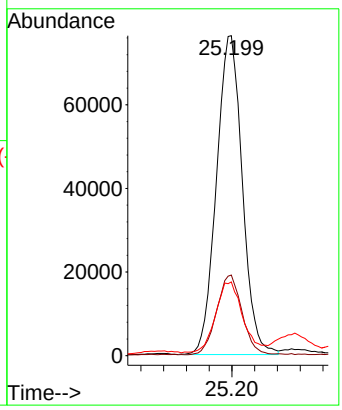


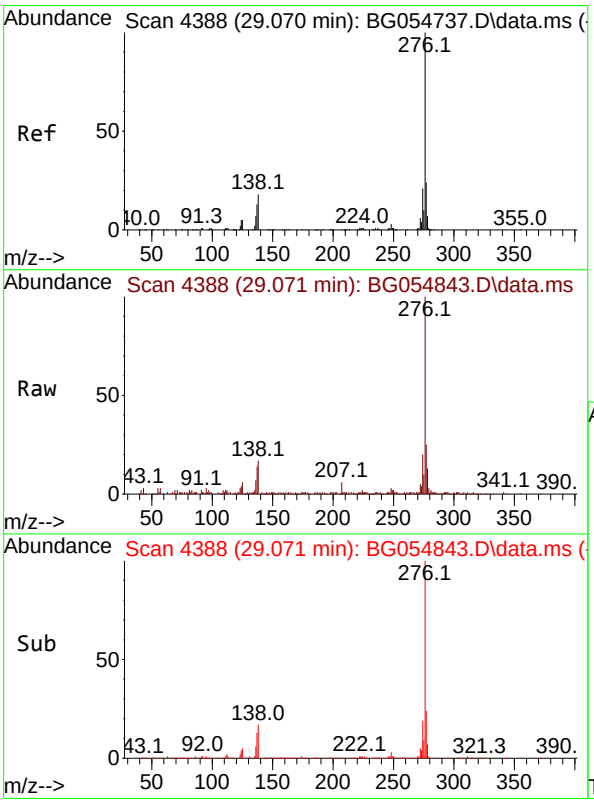
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:264 Resp: 241107

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.9	29.9
265	23.0	16.9	25.3

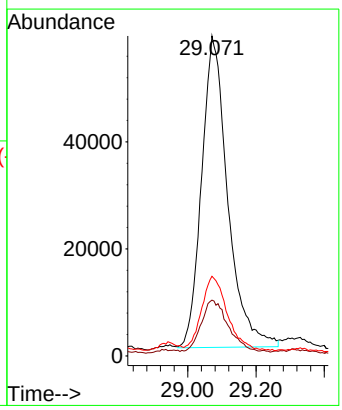


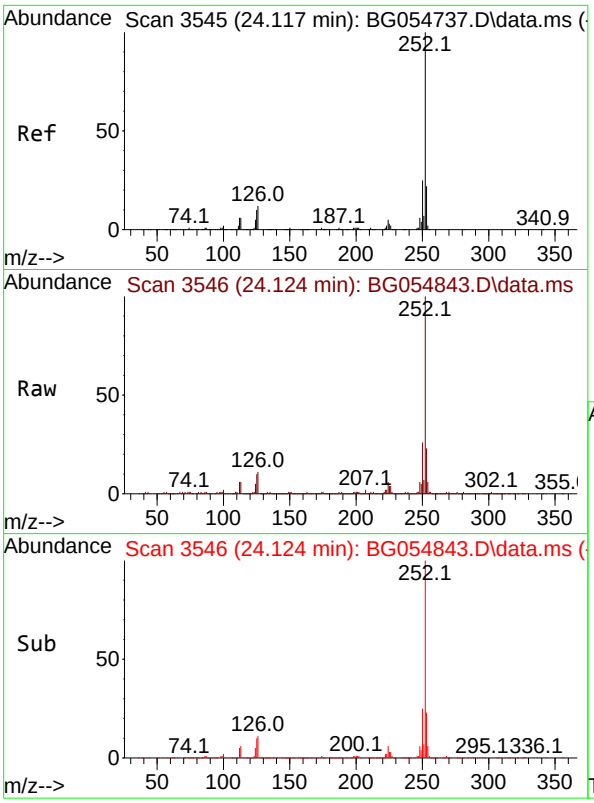


#87
Indeno(1,2,3-cd)pyrene
Concen: 16.911 ng
RT: 29.071 min Scan# 4388
Delta R.T. 0.001 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:276 Resp: 309542

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	23.6	20.2	30.4



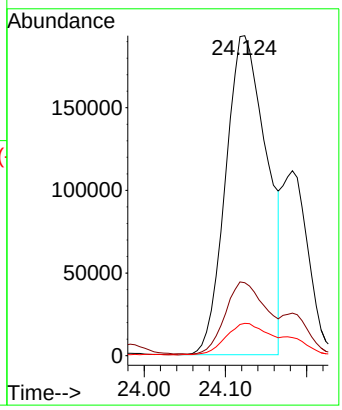


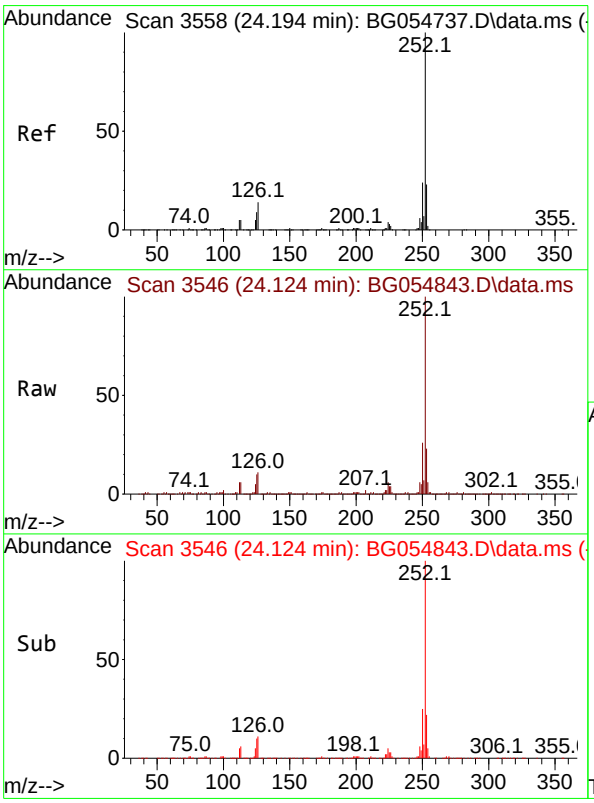
#88
Benzo(b)fluoranthene
Concen: 44.866 ng
RT: 24.124 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:252 Resp: 678594

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.1	8.1	12.1

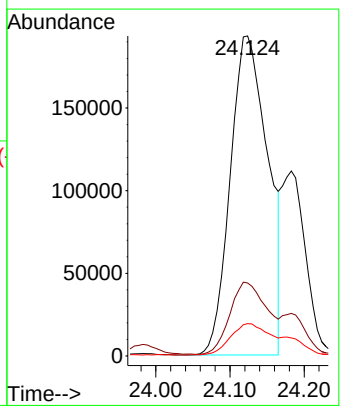


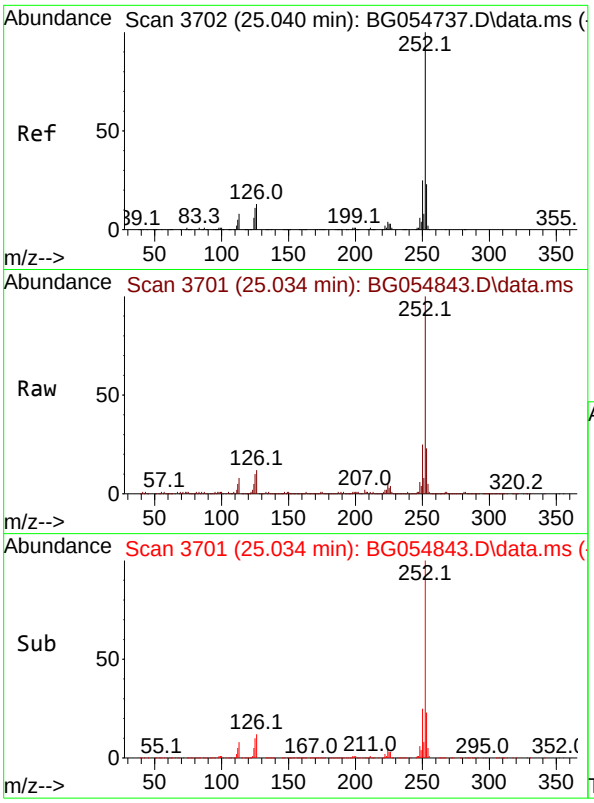


#89
Benzo(k)fluoranthene
Concen: 44.609 ng
RT: 24.124 min Scan# 3546
Delta R.T. -0.070 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:252 Resp: 679019

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.1	8.2	12.4



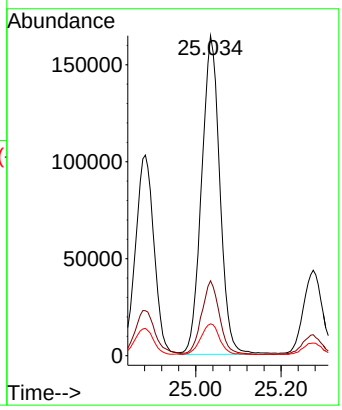


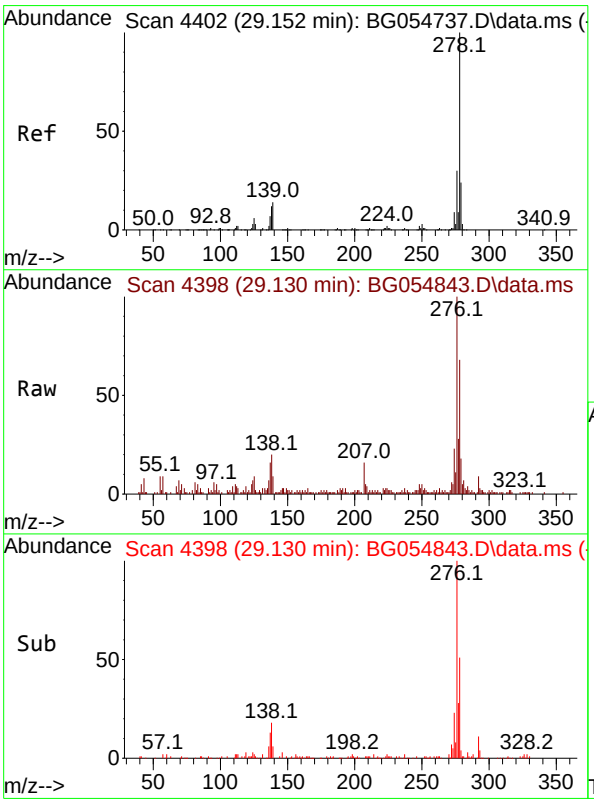
#90
Benzo(a)pyrene
Concen: 37.727 ng
RT: 25.034 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:252 Resp: 487510

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	10.0	8.8	13.2

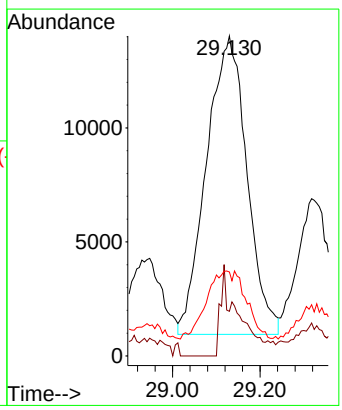


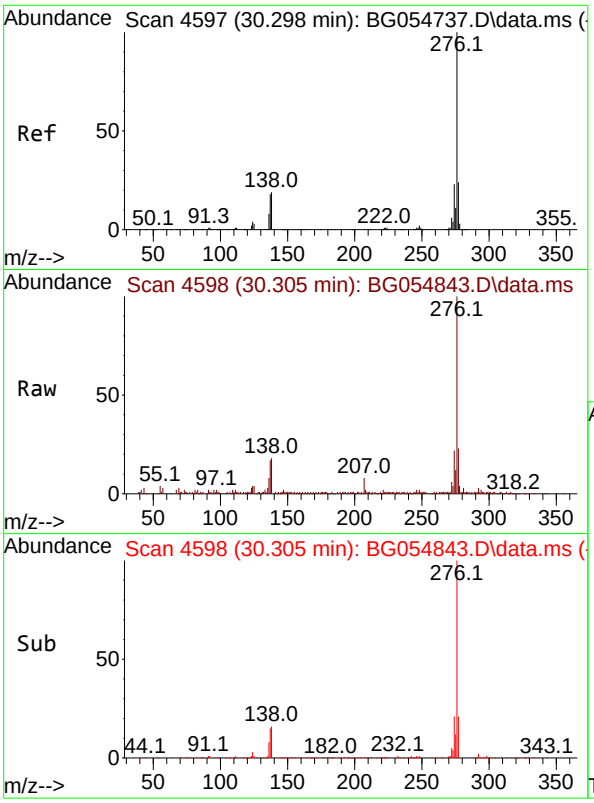


#91
Dibenzo(a,h)anthracene
Concen: 5.618 ng
RT: 29.130 min Scan# 4398
Delta R.T. -0.023 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Tgt Ion:278 Resp: 83781

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.4	17.2
279	26.3	19.3	28.9





#92
Benzo(g,h,i)perylene
Concen: 19.017 ng
RT: 30.305 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG054843.D
Acq: 2 Sep 2022 16:53

Instrument :
BNA_G
ClientSampleId :
TR-06-083122

Tgt Ion:276 Resp: 286495

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	18.1	16.6	25.0