Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054798.D
Acq On : 30 Aug 2022 20:51
Operator : CG/JU
Sample : N4414-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Quant Time: Aug 31 02:10:40 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	8.153	152	61801	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	256340	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	162413	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	331645	20.000	ng	0.00
76) Chrysene-d12	21.820	240	304296	20.000	ng	0.00
86) Perylene-d12	25.192	264	321197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	33738	9.506	ng	0.00
7) Phenol-d6	7.296	99	45745	9.425	ng	0.00
23) Nitrobenzene-d5	9.323	82	27049	5.539	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	15722	7.747	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	68656	6.354	ng	0.00
79) Terphenyl-d14	20.122	244	103114	6.714	ng	-0.01
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.781	165	21287	8.318	ng	# 22
57) 2,4-Dinitrotoluene	14.781	165	21287	6.013	ng	# 20
71) Phenanthrene	17.572	178	99111	5.610	ng	97
75) Fluoranthene	19.575	202	265281	12.343	ng	97
78) Pyrene	19.934	202	252534	11.902	ng	98
81) Benzo(a)anthracene	21.802	228	154130	7.470	ng	98
83) Chrysene	21.867	228	134649	6.826	ng	98
87) Indeno(1,2,3-cd)pyrene	29.070	276	89593	3.674	ng	# 92
88) Benzo(b)fluoranthene	24.117	252	190597	9.459	ng	96
89) Benzo(k)fluoranthene	24.117	252	190597	9.399	ng	96
90) Benzo(a)pyrene	25.028	252	146197	8.493	ng	98
92) Benzo(g,h,i)perylene	30.275	276	90960	4.532	ng	97

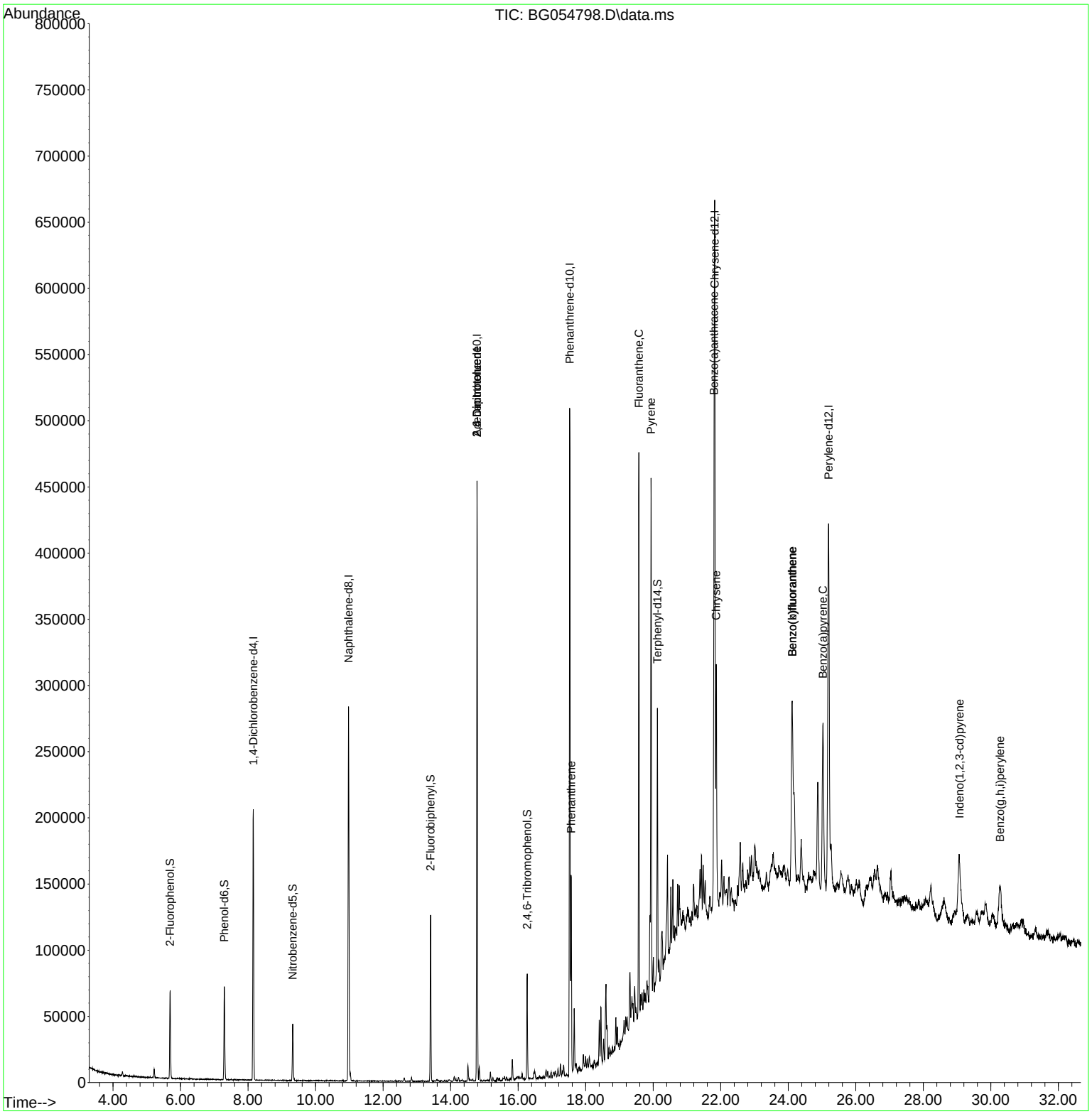
(#) = qualifier out of range (m) = manual integration (+) = signals summed

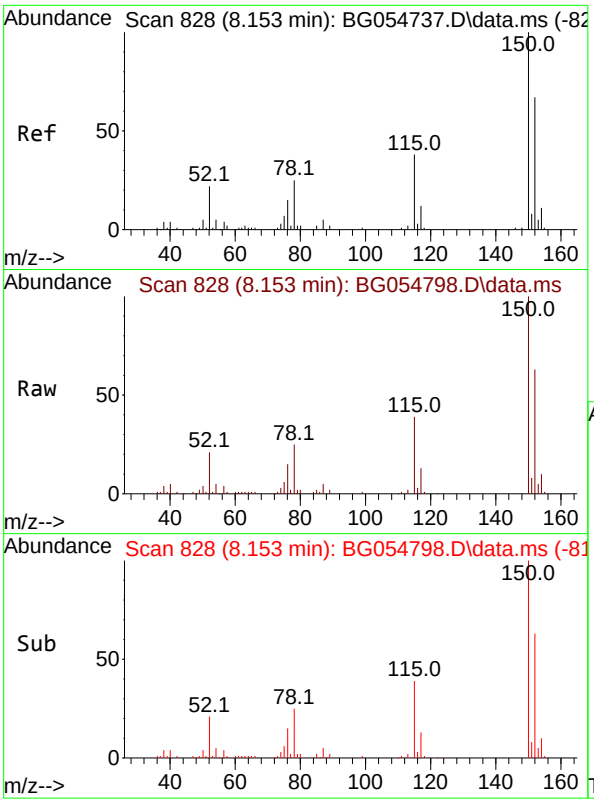
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054798.D
Acq On : 30 Aug 2022 20:51
Operator : CG/JU
Sample : N4414-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Quant Time: Aug 31 02:10:40 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



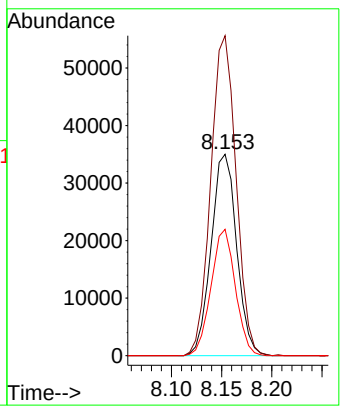


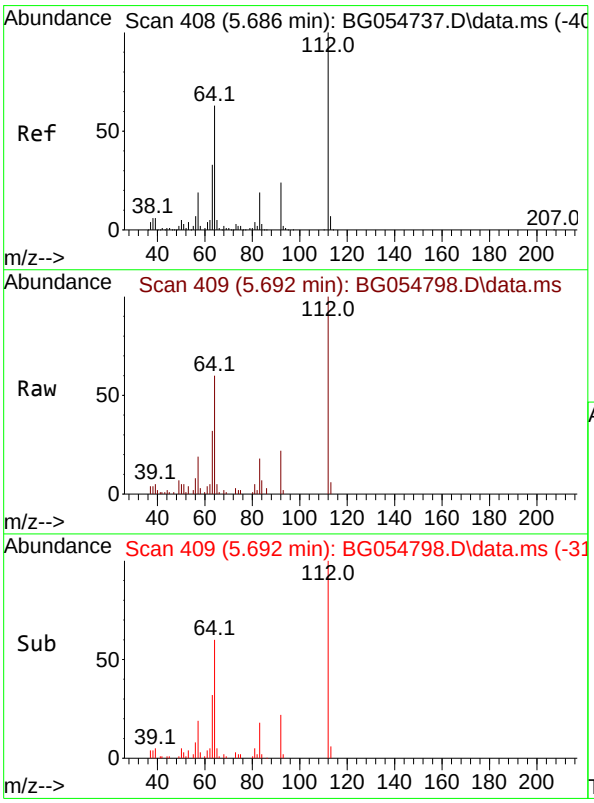
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:152 Resp: 61801

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.2	187.8
115	62.7	47.9	71.9

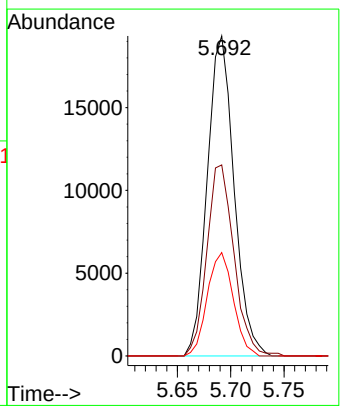


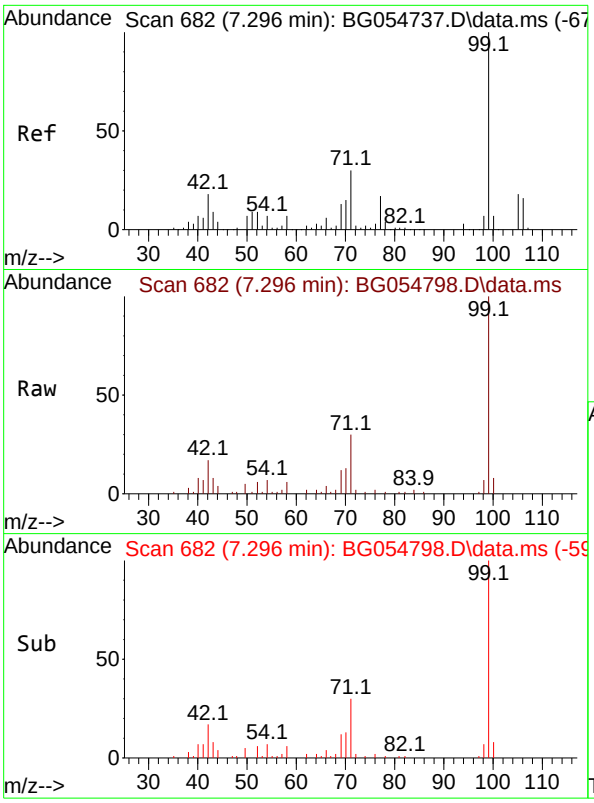


#5
2-Fluorophenol
Concen: 9.506 ng
RT: 5.692 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:112 Resp: 33738

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.3	73.9
63	32.3	26.3	39.5



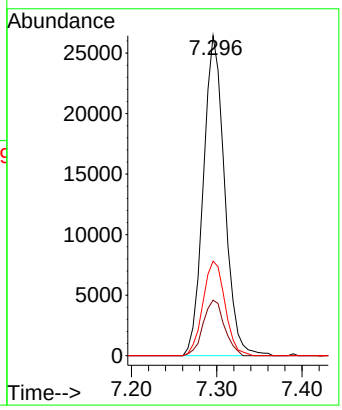


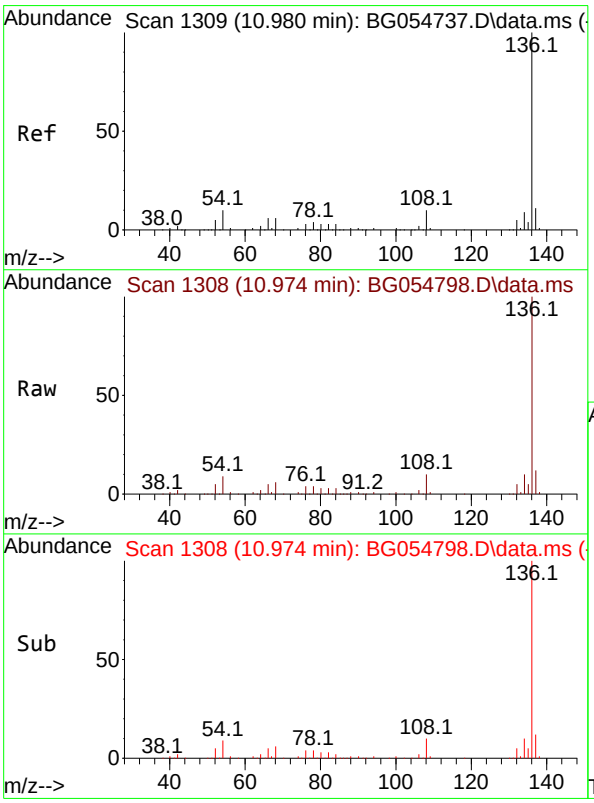
#7
Phenol-d6
Concen: 9.425 ng
RT: 7.296 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion: 99 Resp: 45745

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	22.0
71	29.5	24.6	37.0

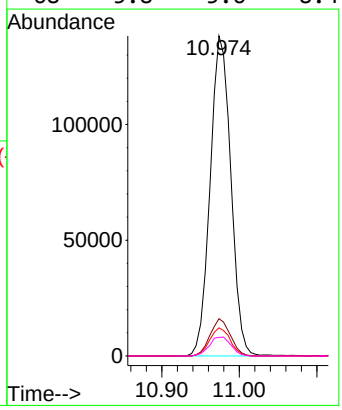


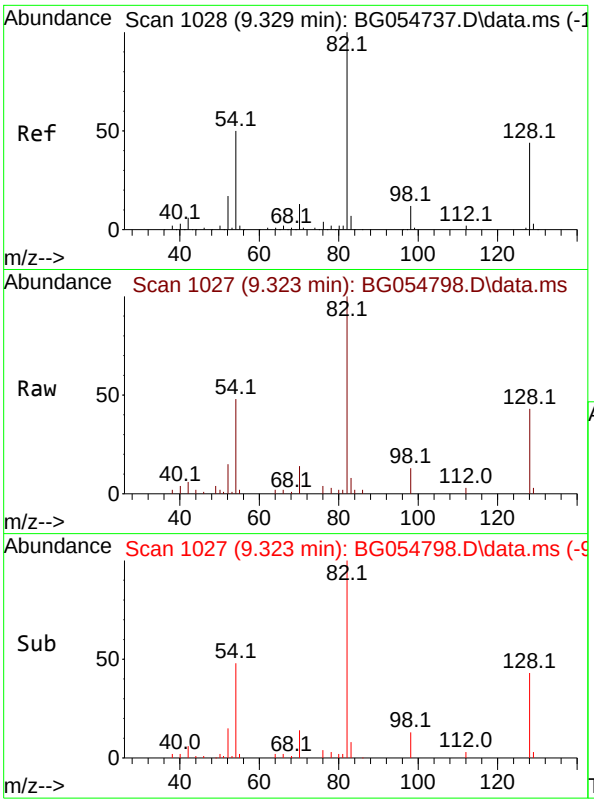


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:136 Resp: 256340

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.8	7.7	11.5
68	5.8	5.6	8.4



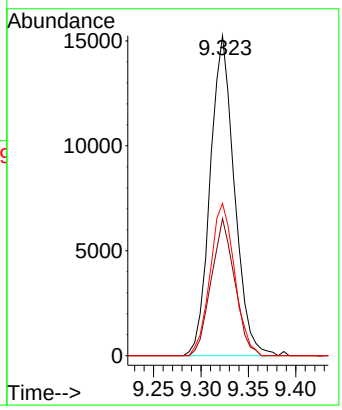


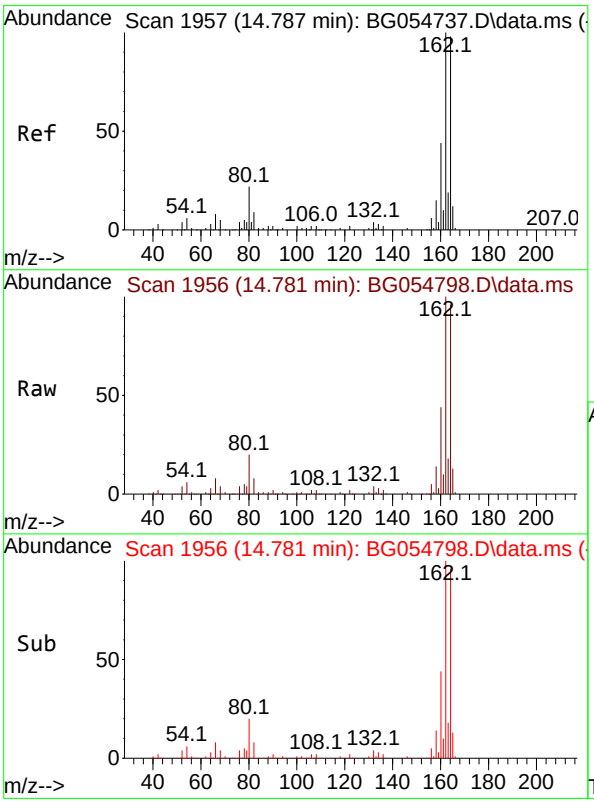
#23
Nitrobenzene-d5
Concen: 5.539 ng
RT: 9.323 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion: 82 Resp: 27049

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	47.6	41.4	62.0

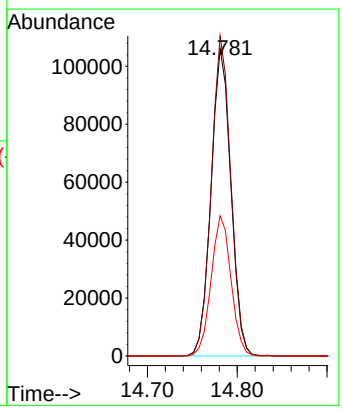


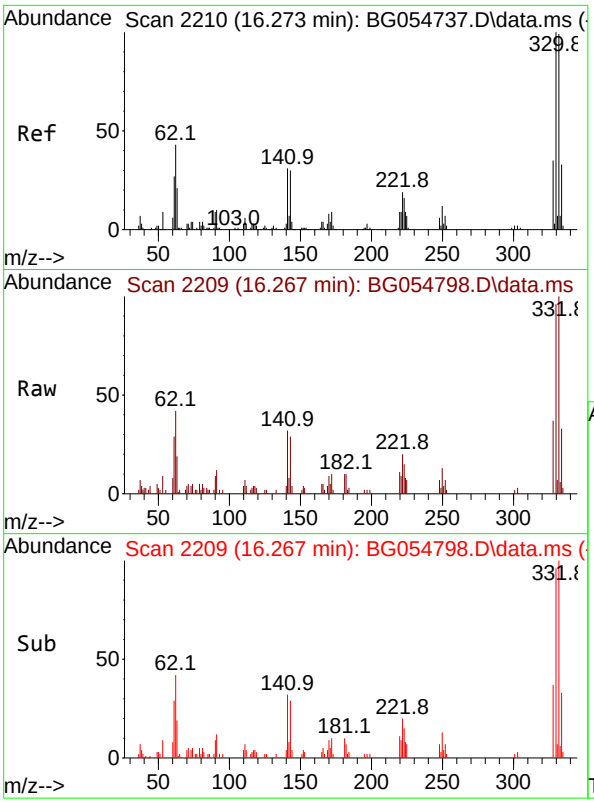


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:164 Resp: 162413

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	45.6	38.0	57.0



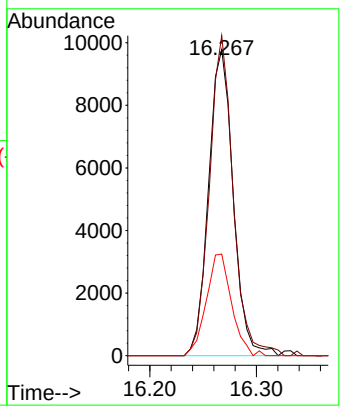


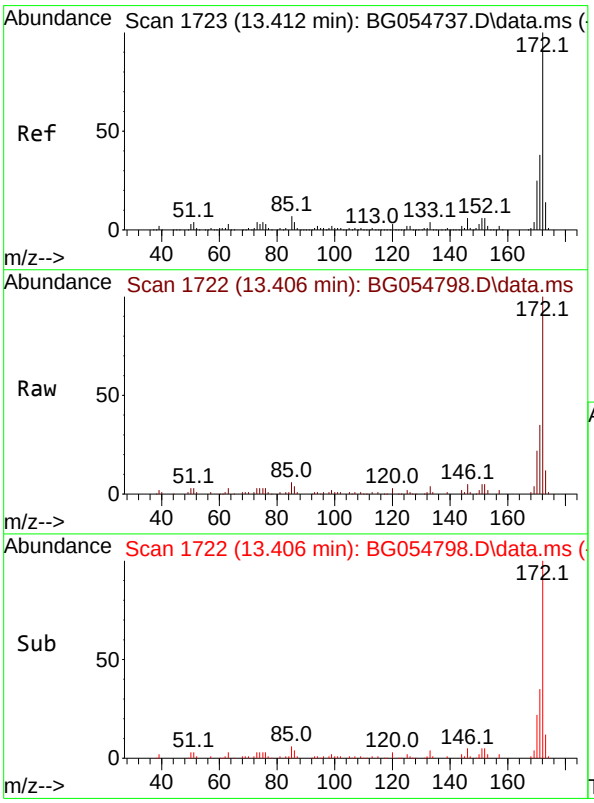
#42
2,4,6-Tribromophenol
Concen: 7.747 ng
RT: 16.267 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:330 Resp: 15722

Ion	Ratio	Lower	Upper
330	100		
332	100.6	79.8	119.6
141	34.1	26.8	40.2

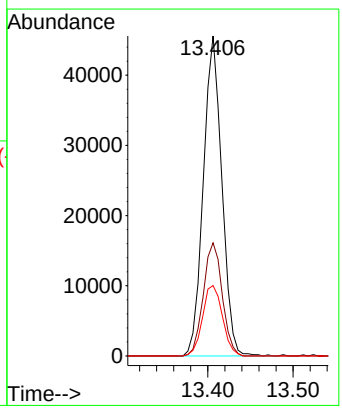


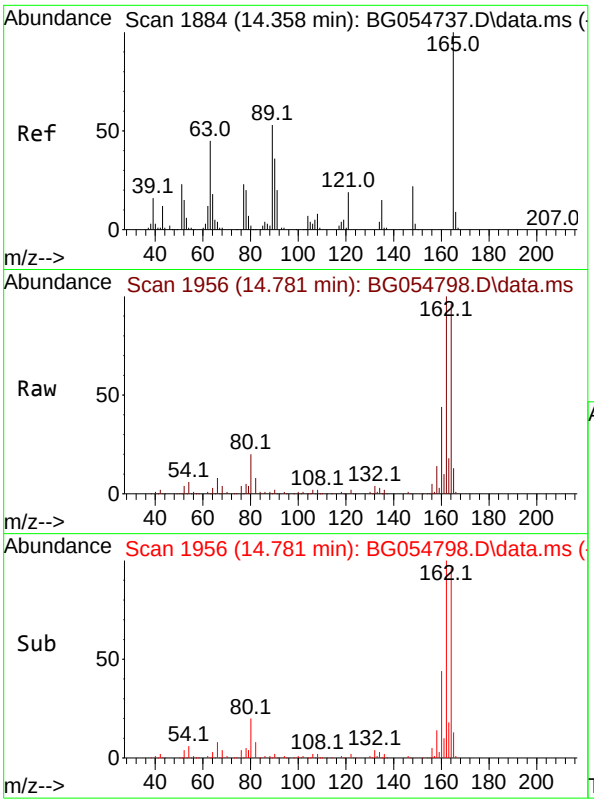


#45
2-Fluorobiphenyl
Concen: 6.354 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:172 Resp: 68656

Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.2	46.8
170	22.0	20.6	30.8



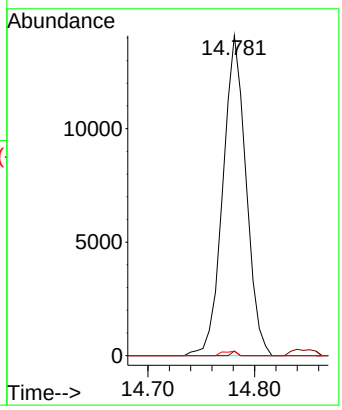


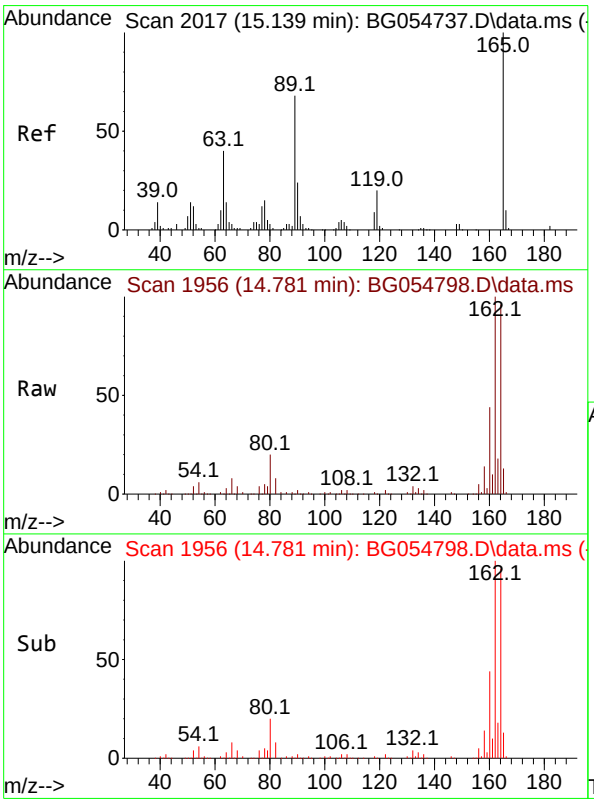
#51
2,6-Dinitrotoluene
Concen: 8.318 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:165 Resp: 21287

Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.0	69.0#
89	1.4	50.3	75.5#

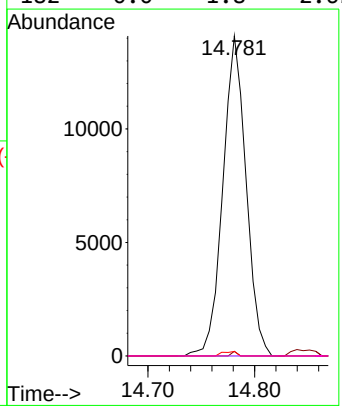


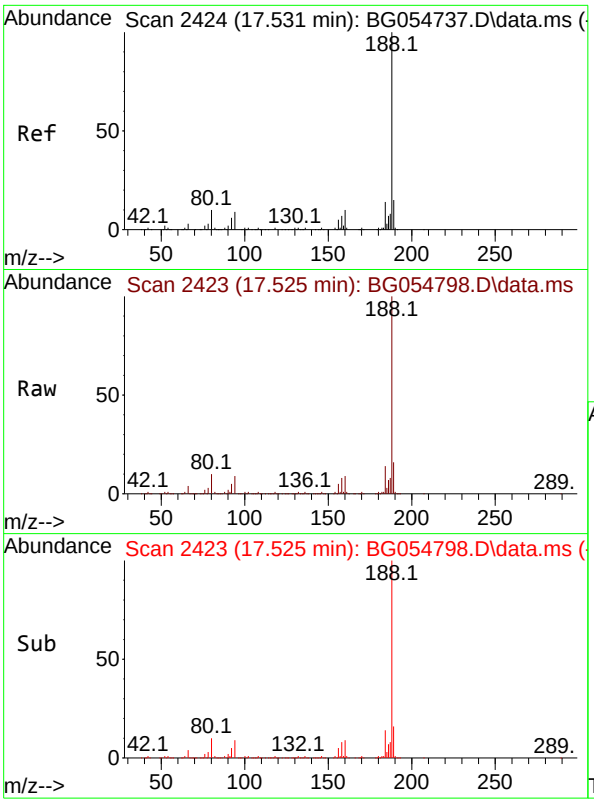


#57
2,4-Dinitrotoluene
Concen: 6.013 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.358 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:165 Resp: 21287

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.8	55.2#
89	1.4	64.3	96.5#
182	0.0	1.8	2.6#



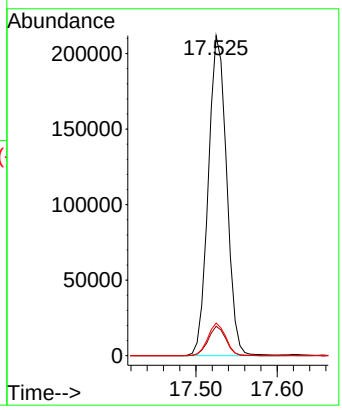


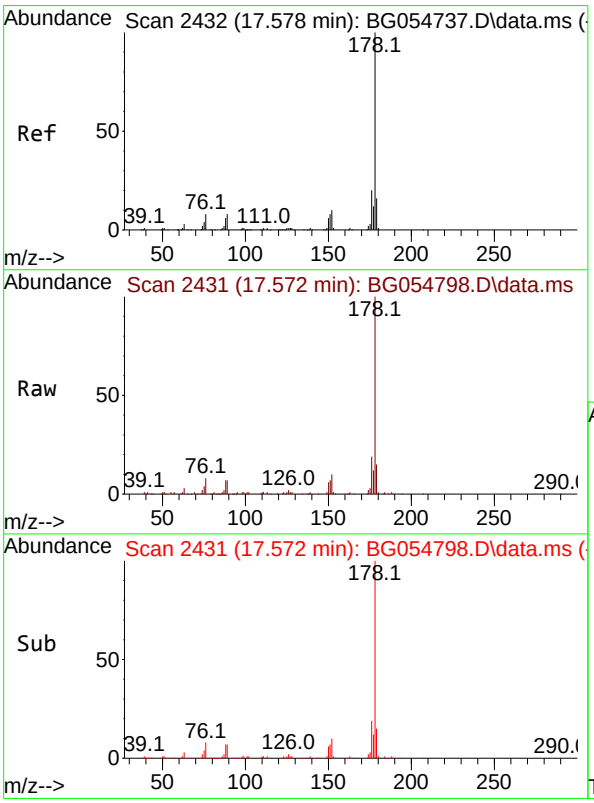
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:188 Resp: 331645

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.2	7.9	11.9

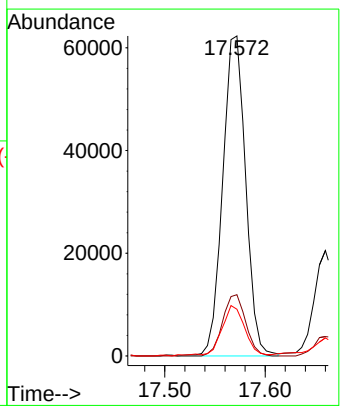


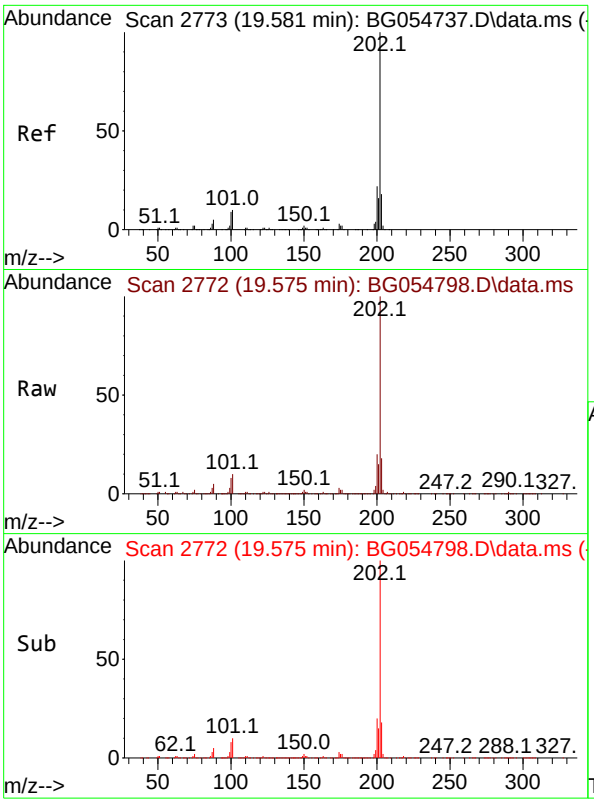


#71
Phenanthrene
Concen: 5.610 ng
RT: 17.572 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:178 Resp: 99111

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	14.6	12.8	19.2



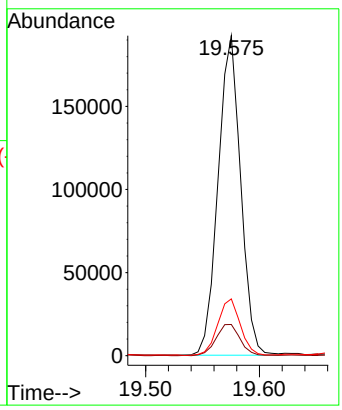


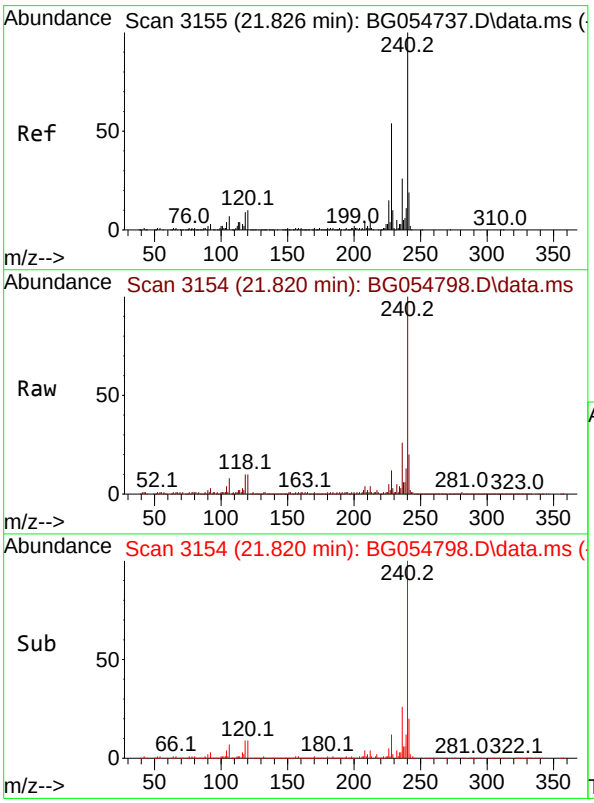
#75
Fluoranthene
Concen: 12.343 ng
RT: 19.575 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:202 Resp: 265281

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.7	0.0	38.6

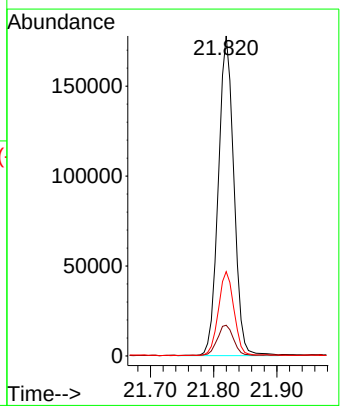


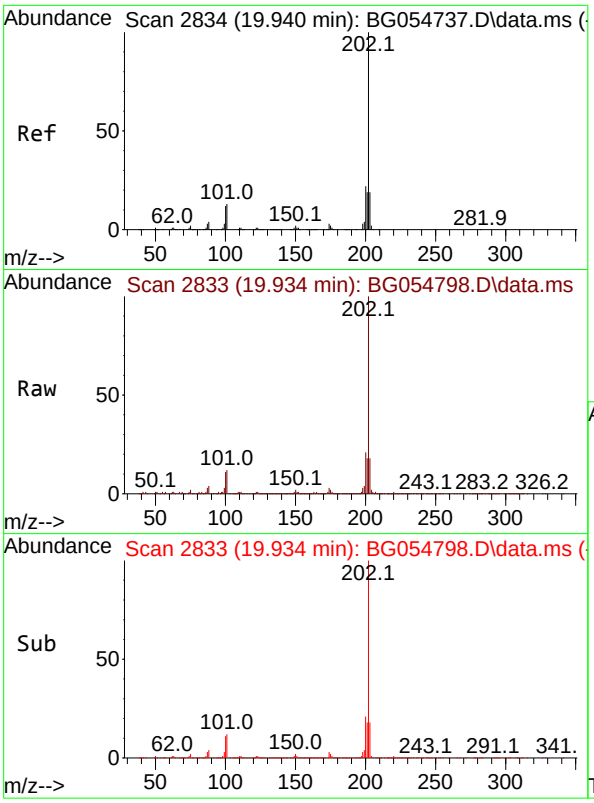


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:240 Resp: 304296

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.4
236	26.4	21.2	31.8



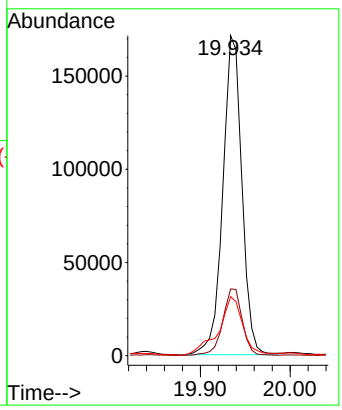


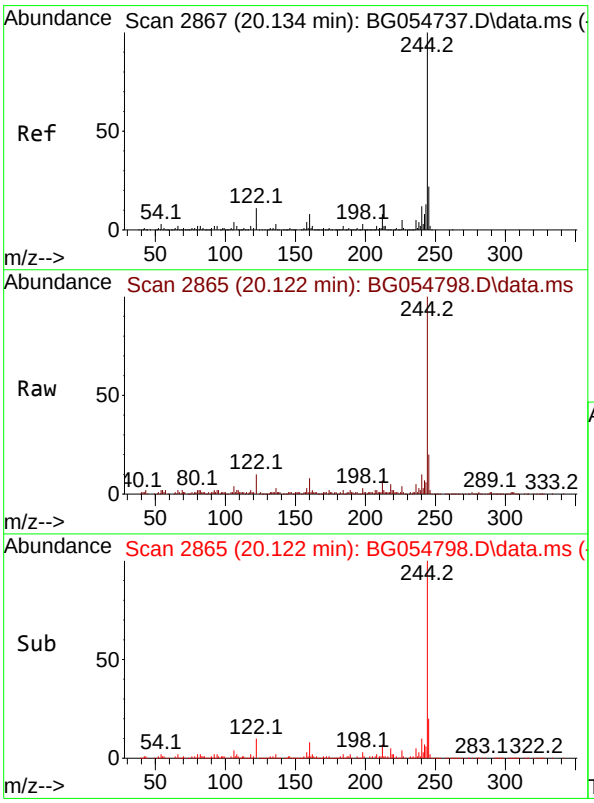
#78
Pyrene
Concen: 11.902 ng
RT: 19.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:202 Resp: 252534

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.5	14.6	21.8

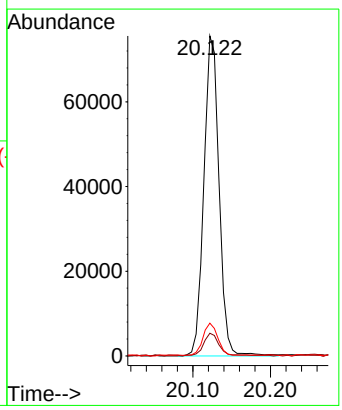


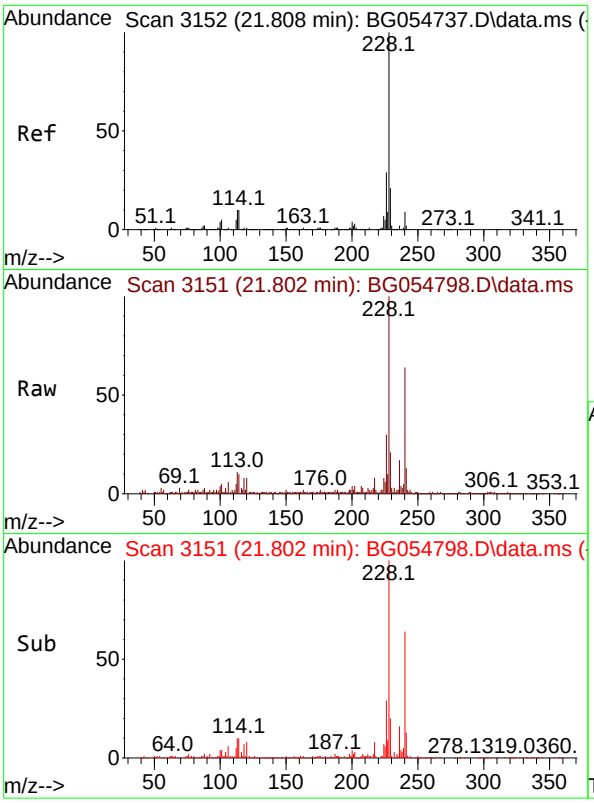


#79
Terphenyl-d14
Concen: 6.714 ng
RT: 20.122 min Scan# 2865
Delta R.T. -0.012 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:244 Resp: 103114

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	10.2	9.0	13.6



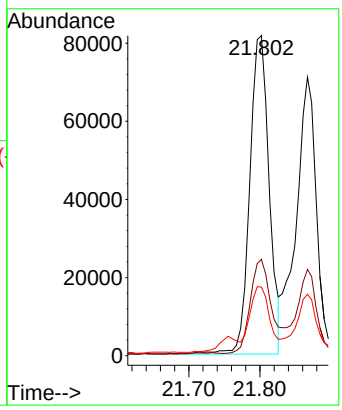


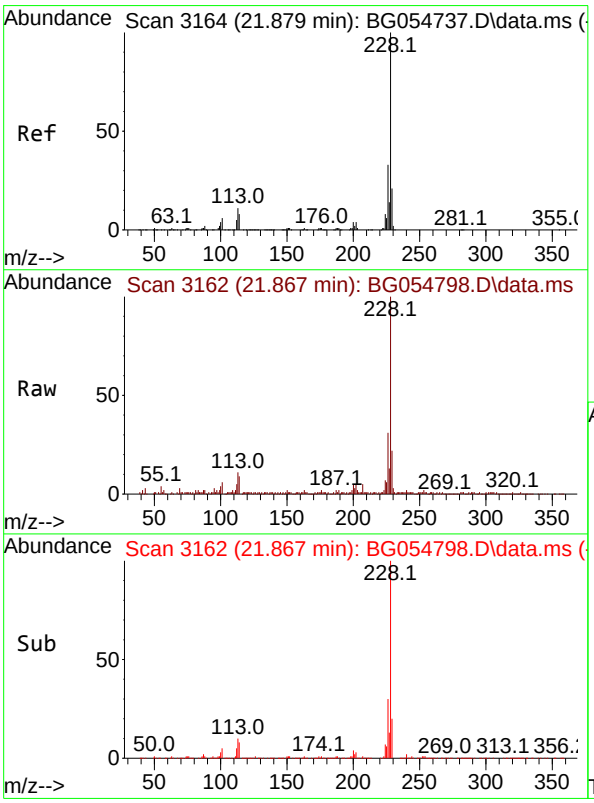
#81
Benzo(a)anthracene
Concen: 7.470 ng
RT: 21.802 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:228 Resp: 154130

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.4	16.5	24.7

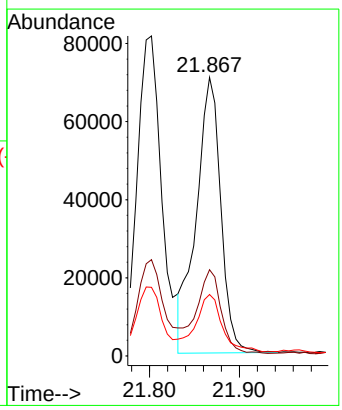


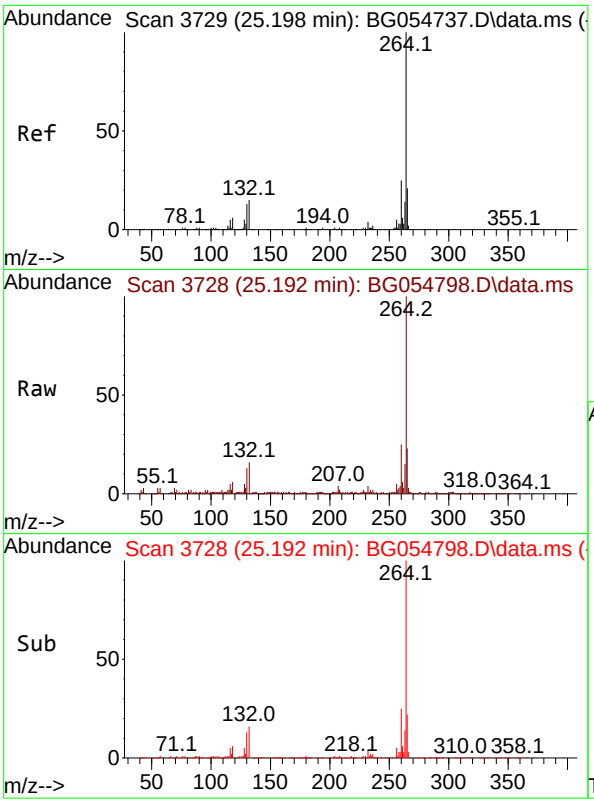


#83
Chrysene
Concen: 6.826 ng
RT: 21.867 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:228 Resp: 134649

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	22.1	16.8	25.2



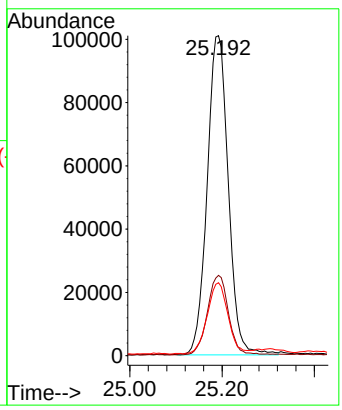


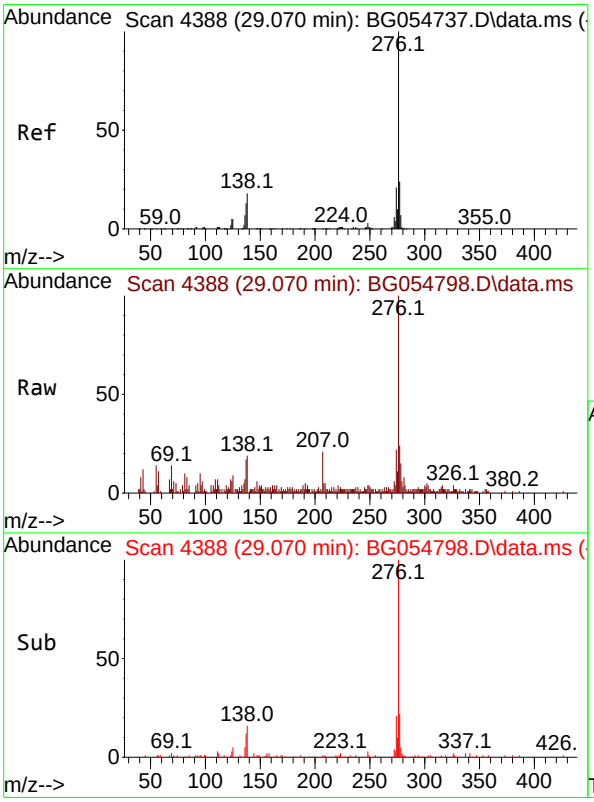
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:264 Resp: 321197

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.8	16.9	25.3

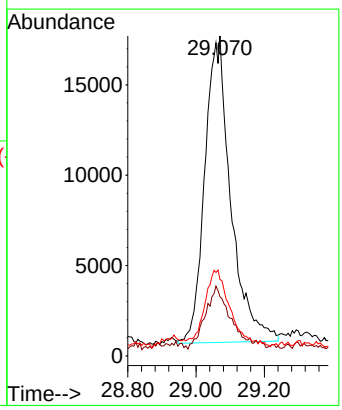


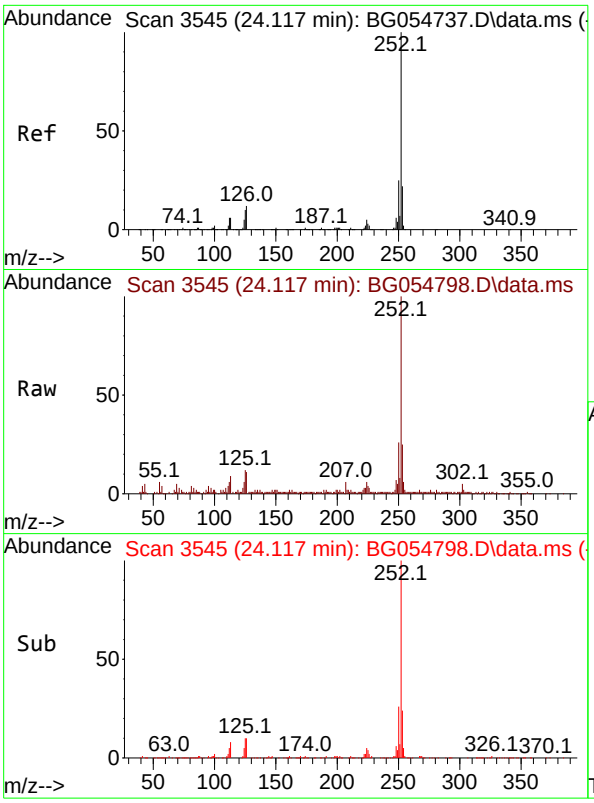


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.674 ng
RT: 29.070 min Scan# 4388
Delta R.T. -0.000 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:276 Resp: 89593

Ion	Ratio	Lower	Upper
276	100		
138	19.8	12.0	18.0#
277	22.6	20.2	30.4



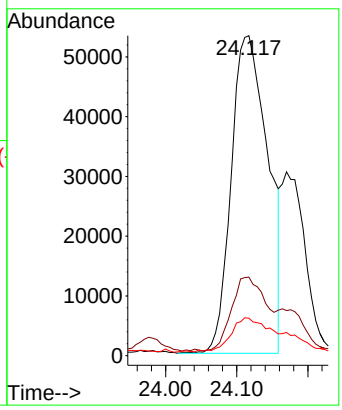


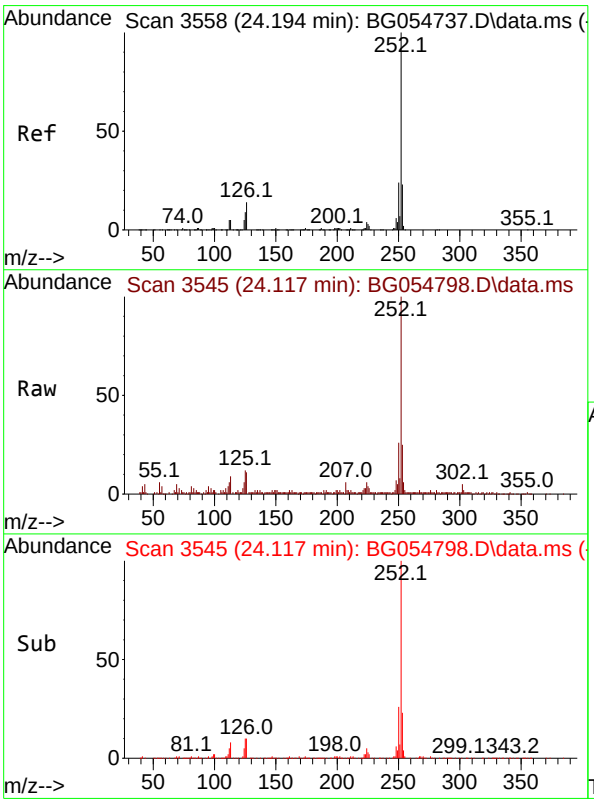
#88
Benzo(b)fluoranthene
Concen: 9.459 ng
RT: 24.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:252 Resp: 190597

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	11.7	8.1	12.1

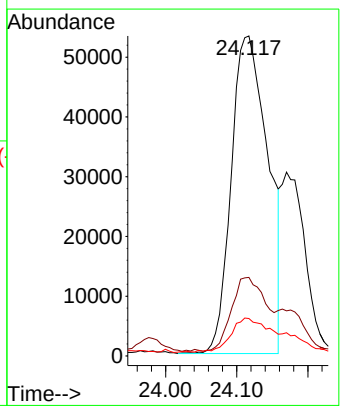


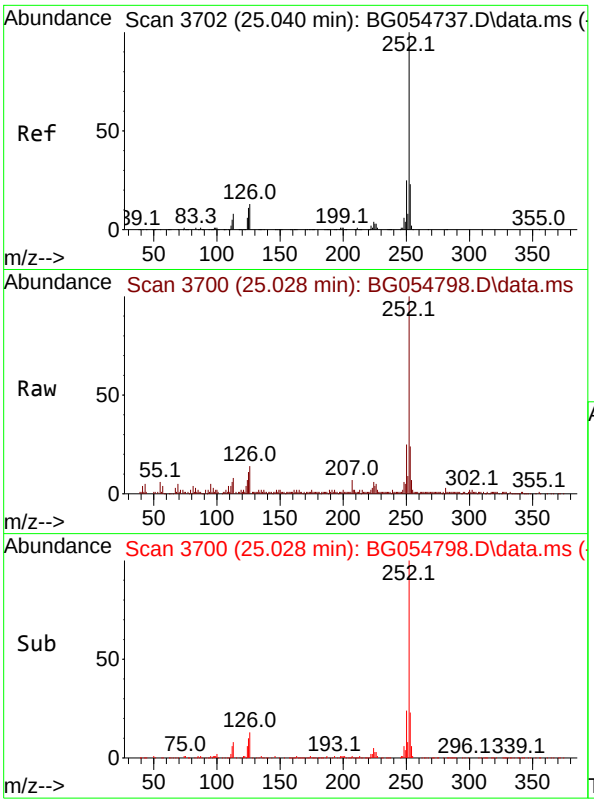


#89
Benzo(k)fluoranthene
Concen: 9.399 ng
RT: 24.117 min Scan# 3545
Delta R.T. -0.076 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:252 Resp: 190597

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	11.7	8.2	12.4



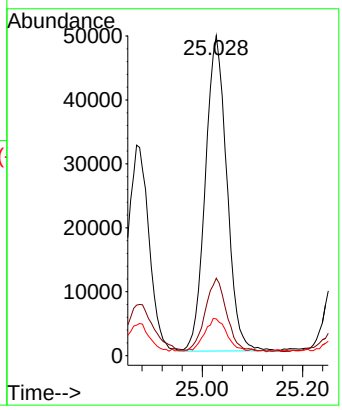


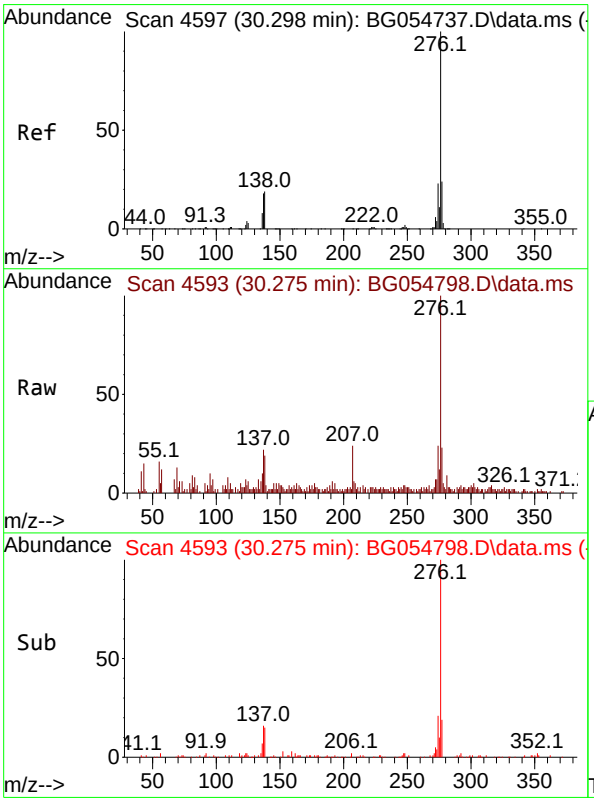
#90
Benzo(a)pyrene
Concen: 8.493 ng
RT: 25.028 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Instrument :
BNA_G
ClientSampleId :
OK-2-082622

Tgt Ion:252 Resp: 146197

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	11.5	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 4.532 ng
RT: 30.275 min Scan# 4593
Delta R.T. -0.024 min
Lab File: BG054798.D
Acq: 30 Aug 2022 20:51

Tgt Ion:276 Resp: 90960

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	18.7	16.6	25.0