Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054387.D
Acq On : 25 Jul 2022 20:08
Operator : CG/JU
Sample : N3855-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Quant Time: Jul 26 00:55:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.991	152	25586	20.000	ng		0.00
21) Naphthalene-d8	10.799	136	97812	20.000	ng	#	0.00
39) Acenaphthene-d10	14.624	164	71660	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	168098	20.000	ng	#	0.00
76) Chrysene-d12	21.639	240	192727	20.000	ng	#	0.00
86) Perylene-d12	24.842	264	185861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.570	112	13617	11.112	ng		0.00
7) Phenol-d6	7.180	99	17687	10.533	ng		0.00
23) Nitrobenzene-d5	9.154	82	11827	6.585	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	14855	9.873	ng		0.00
45) 2-Fluorobiphenyl	13.249	172	37578	7.398	ng		0.00
79) Terphenyl-d14	19.977	244	73624	7.578	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	14.624	165	10486	8.541	ng	#	16
56) 4-Nitrophenol	15.024	139	2842	4.149	ng	#	1
57) 2,4-Dinitrotoluene	14.624	165	10486	5.958	ng	#	21
58) Fluorene	15.670	166	15792	2.924	ng		96
71) Phenanthrene	17.415	178	154519	18.458	ng		98
72) Anthracene	17.503	178	40510	4.931	ng		98
73) Carbazole	17.773	167	14443	2.136	ng	#	97
75) Fluoranthene	19.424	202	314468	27.558	ng		95
78) Pyrene	19.789	202	275011	24.869	ng		97
81) Benzo(a)anthracene	21.616	228	178451	14.586	ng		98
83) Chrysene	21.680	228	161126	13.940	ng		97
87) Indeno(1,2,3-cd)pyrene	28.514	276	68188	4.823	ng		96
88) Benzo(b)fluoranthene	23.831	252	215717	19.626	ng		96
89) Benzo(k)fluoranthene	23.831	252	215717	19.720	ng	#	96
90) Benzo(a)pyrene	24.695	252	149218	15.896	ng		99
92) Benzo(g,h,i)perylene	29.654	276	62318	5.431	ng	#	91

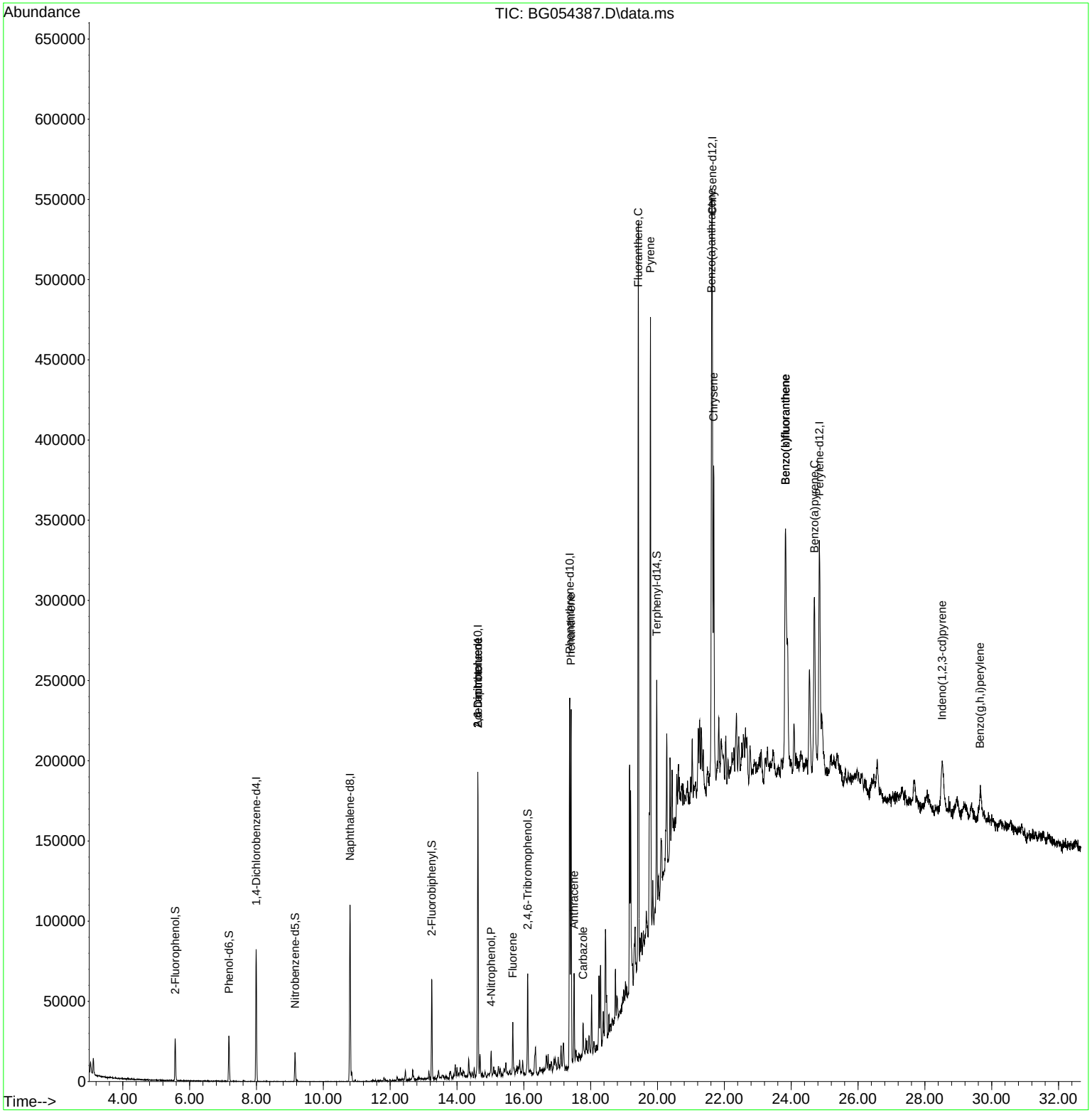
(#) = qualifier out of range (m) = manual integration (+) = signals summed

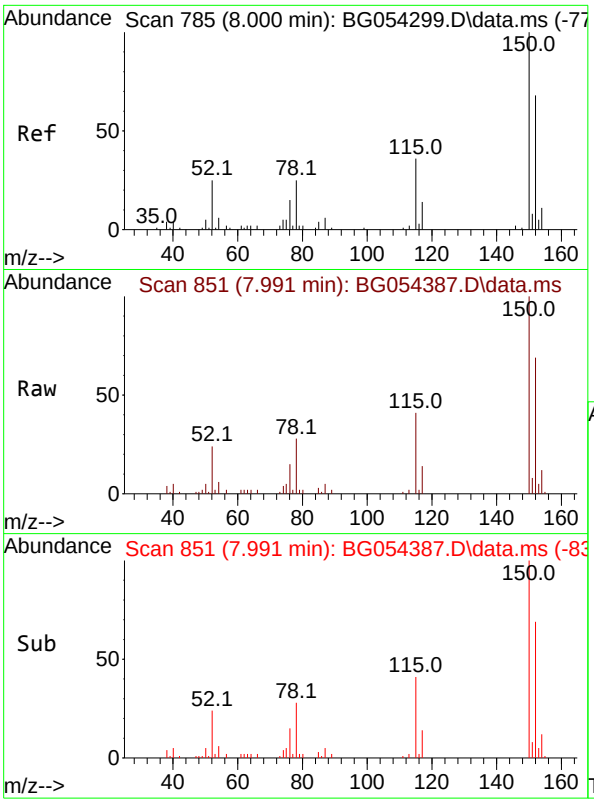
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054387.D
Acq On : 25 Jul 2022 20:08
Operator : CG/JU
Sample : N3855-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Quant Time: Jul 26 00:55:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



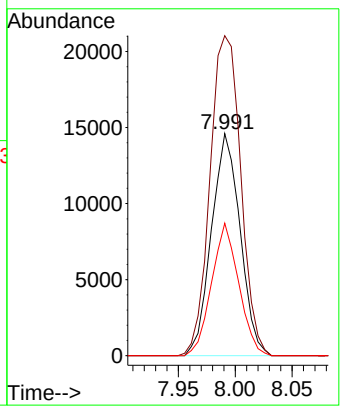


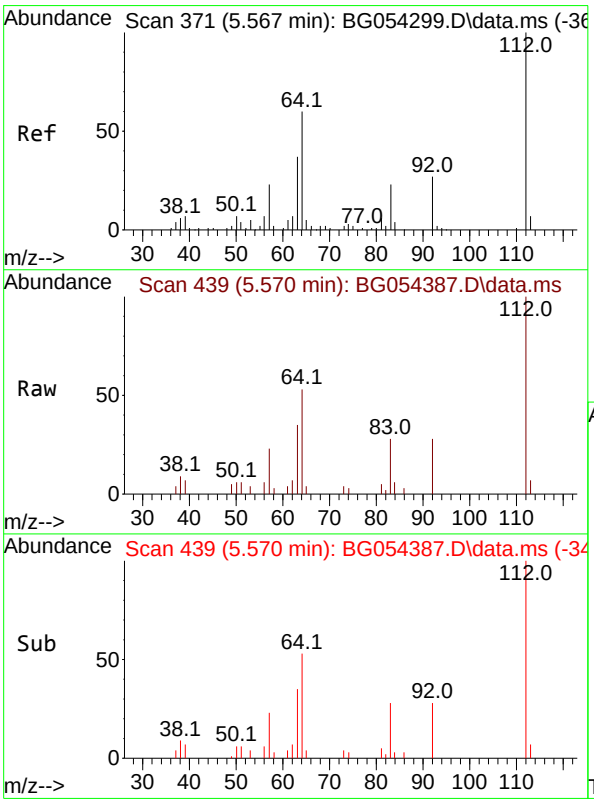
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:152 Resp: 25586

Ion	Ratio	Lower	Upper
152	100		
150	144.1	131.6	197.4
115	59.6	50.9	76.3

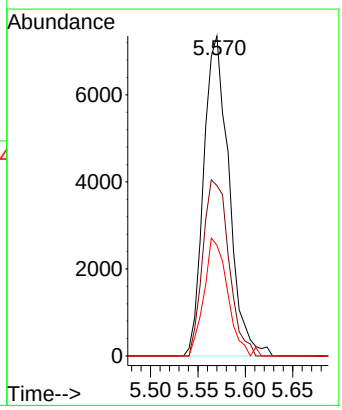


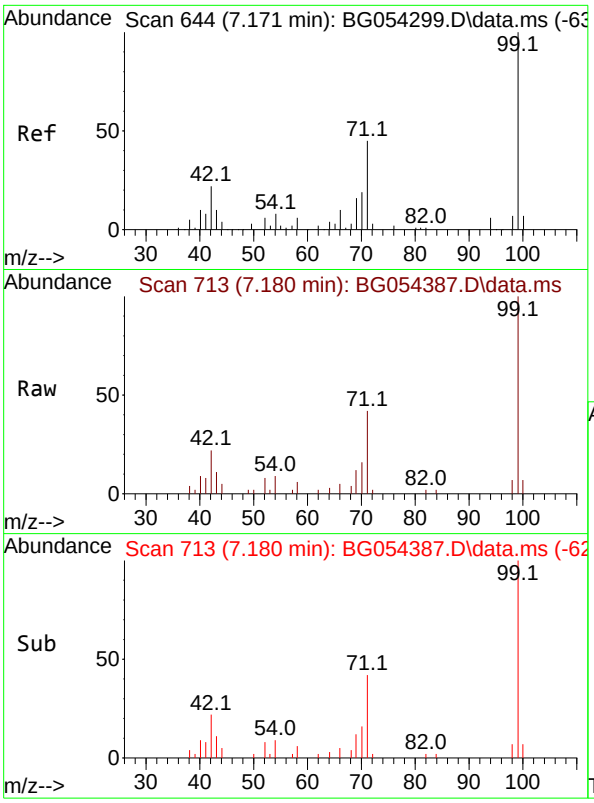


#5
2-Fluorophenol
Concen: 11.112 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:112 Resp: 13617

Ion	Ratio	Lower	Upper
112	100		
64	53.3	55.1	82.7#
63	34.6	30.4	45.6



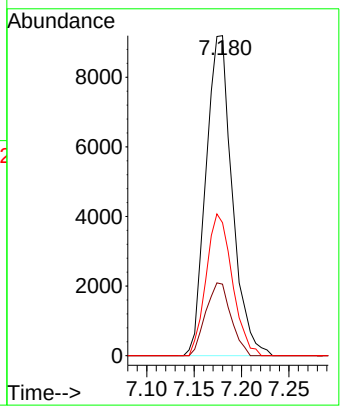


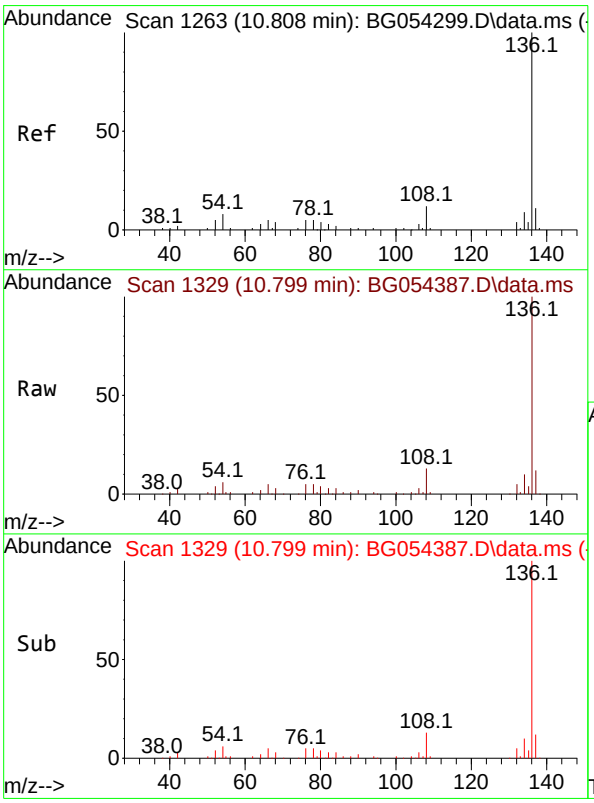
#7
Phenol-d6
Concen: 10.533 ng
RT: 7.180 min Scan# 7
Delta R.T. 0.008 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion: 99 Resp: 17687

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.0	25.6
71	41.5	33.8	50.8

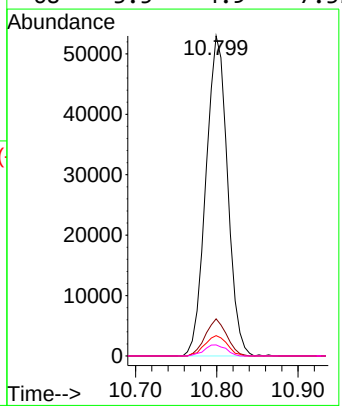


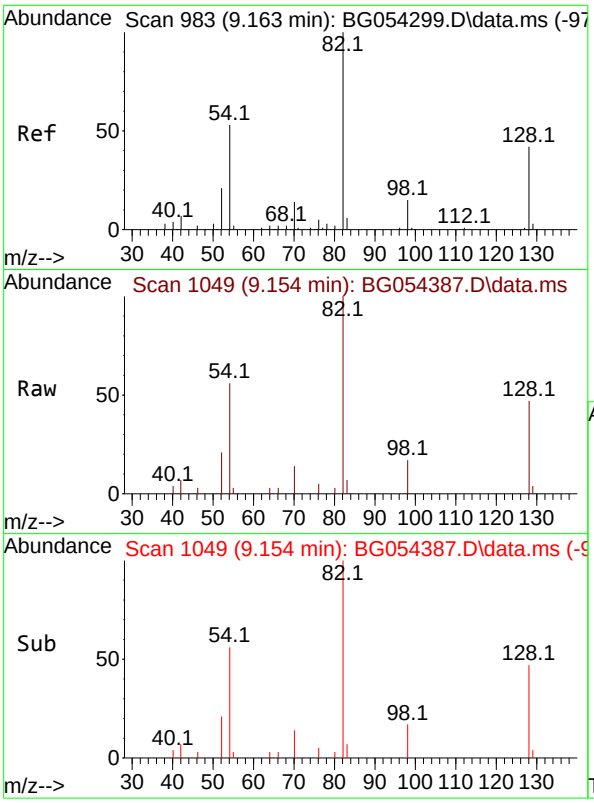


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.799 min Scan# 1329
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:136 Resp: 97812

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	6.3	7.4	11.2#
68	3.5	4.9	7.3#



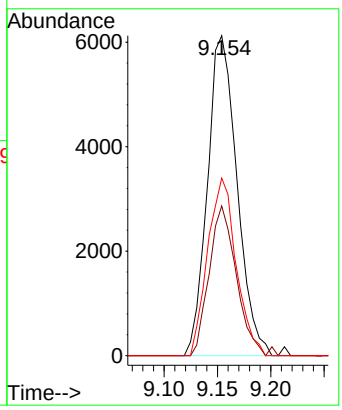


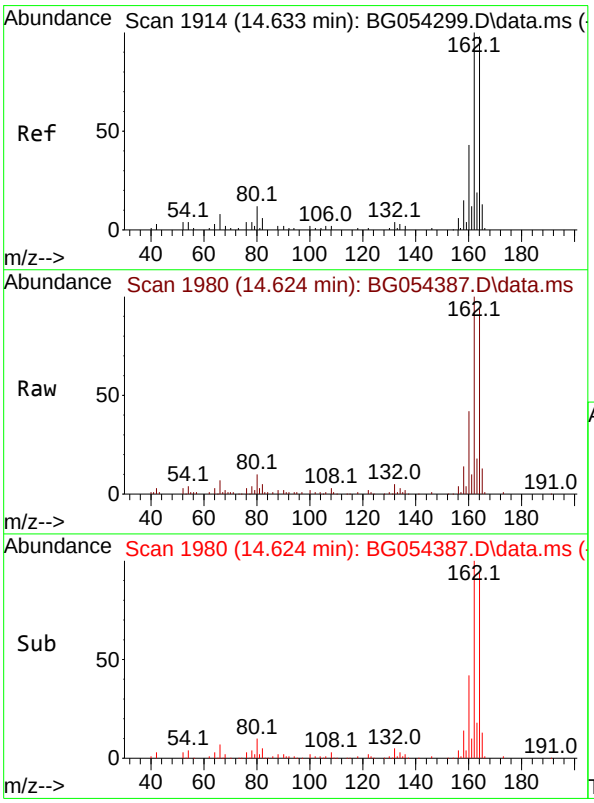
#23
Nitrobenzene-d5
Concen: 6.585 ng
RT: 9.154 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion: 82 Resp: 11827

Ion	Ratio	Lower	Upper
82	100		
128	46.8	27.9	41.9#
54	55.5	41.2	61.8

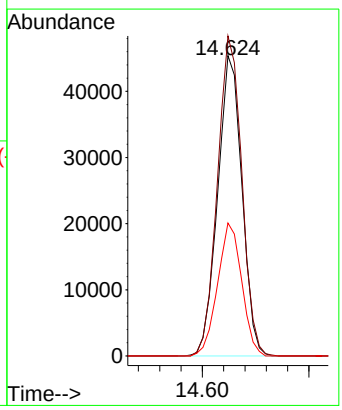


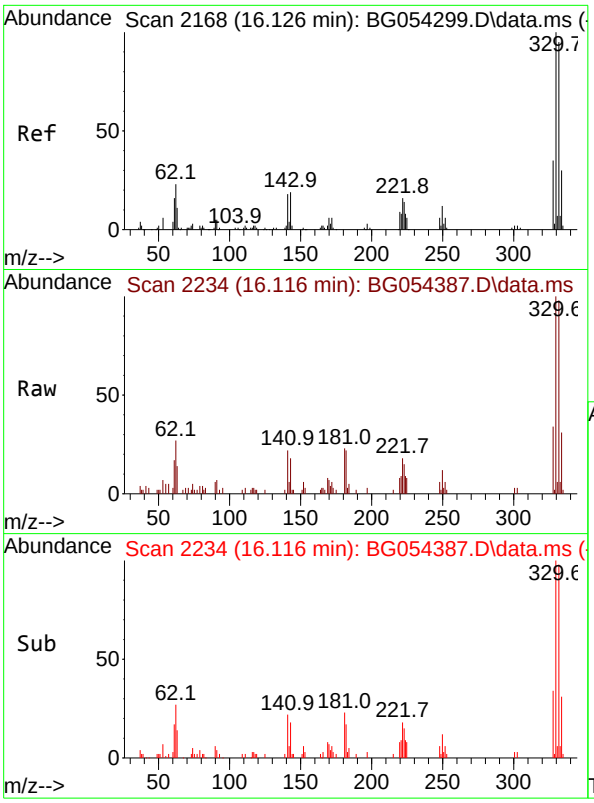


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:164 Resp: 71660

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.3	123.5
160	44.3	34.2	51.2



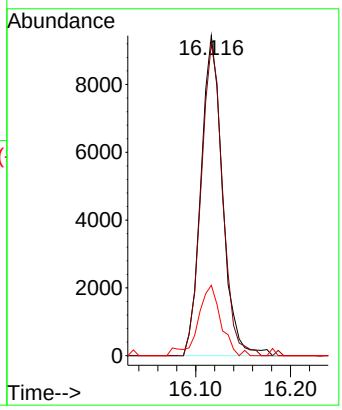


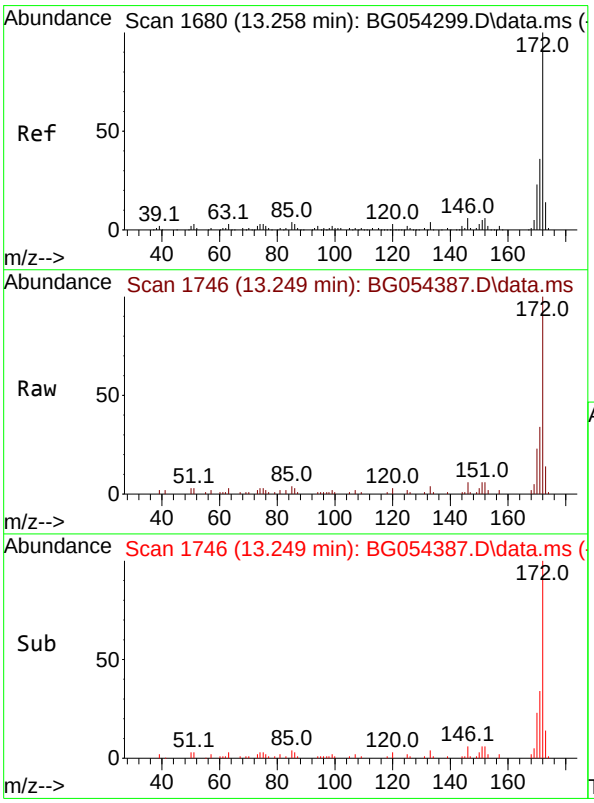
#42
2,4,6-Tribromophenol
Concen: 9.873 ng
RT: 16.116 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:330 Resp: 14855

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	23.4	27.1	40.7#

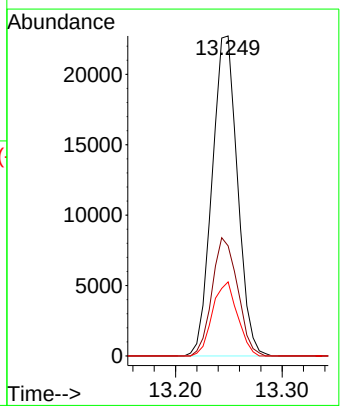


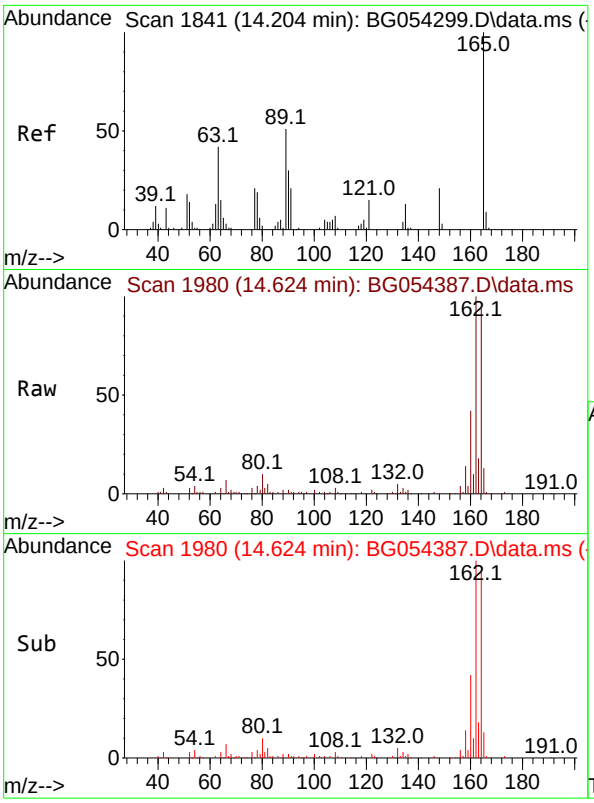


#45
2-Fluorobiphenyl
Concen: 7.398 ng
RT: 13.249 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:172 Resp: 37578

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.1	18.9	28.3



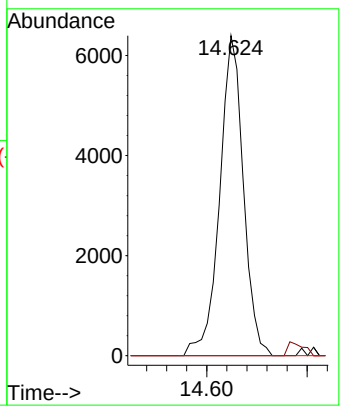


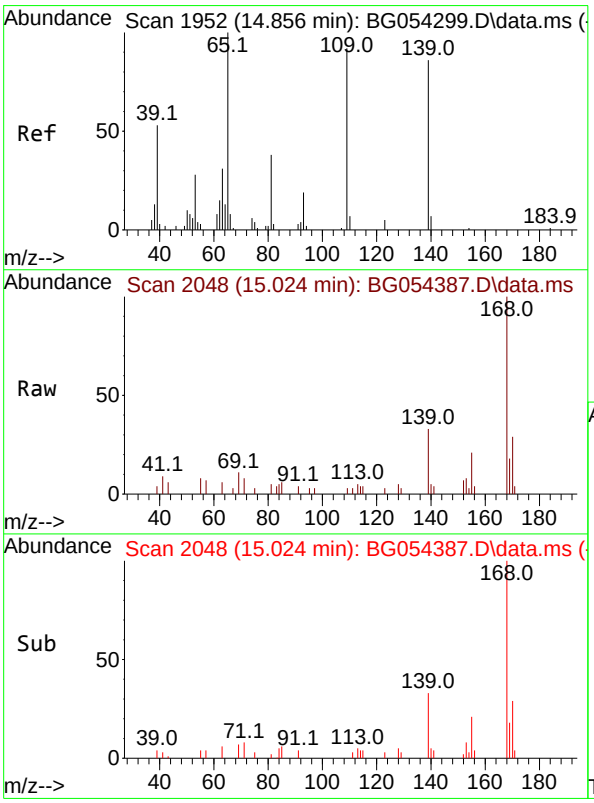
#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:165 Resp: 10486

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

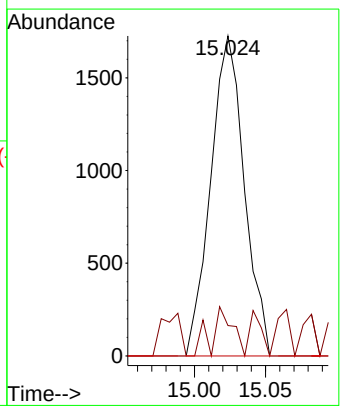


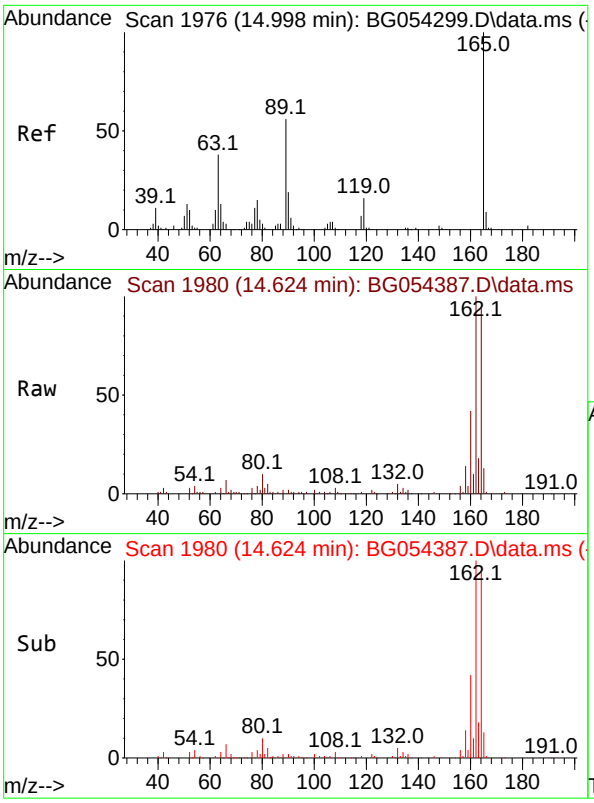


#56
4-Nitrophenol
Concen: 4.149 ng
RT: 15.024 min Scan# 2048
Delta R.T. 0.168 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:139 Resp: 2842

Ion	Ratio	Lower	Upper
139	100		
109	9.5	88.5	128.5#
65	0.0	93.9	133.9#



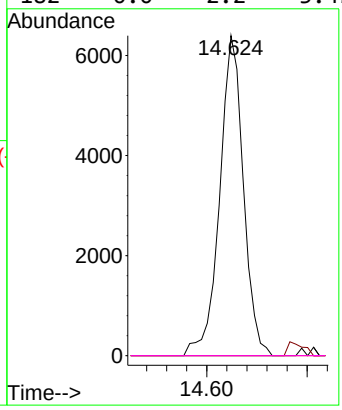


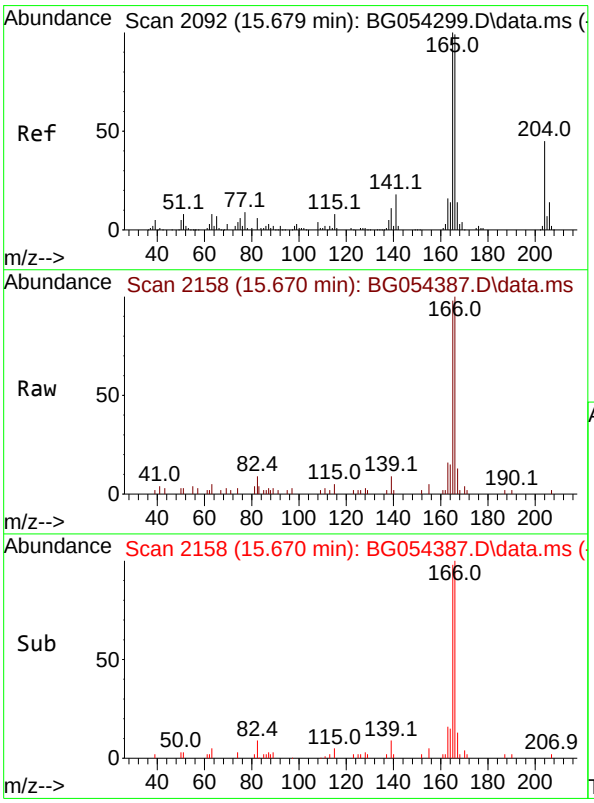
#57
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 14.624 min Scan# 1
Delta R.T. -0.373 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:165 Resp: 10486

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

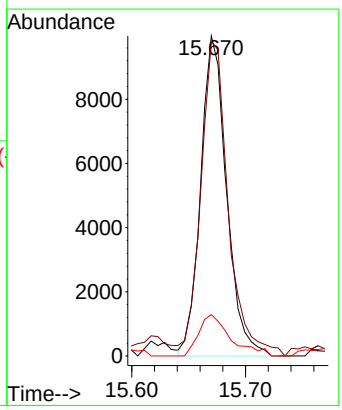


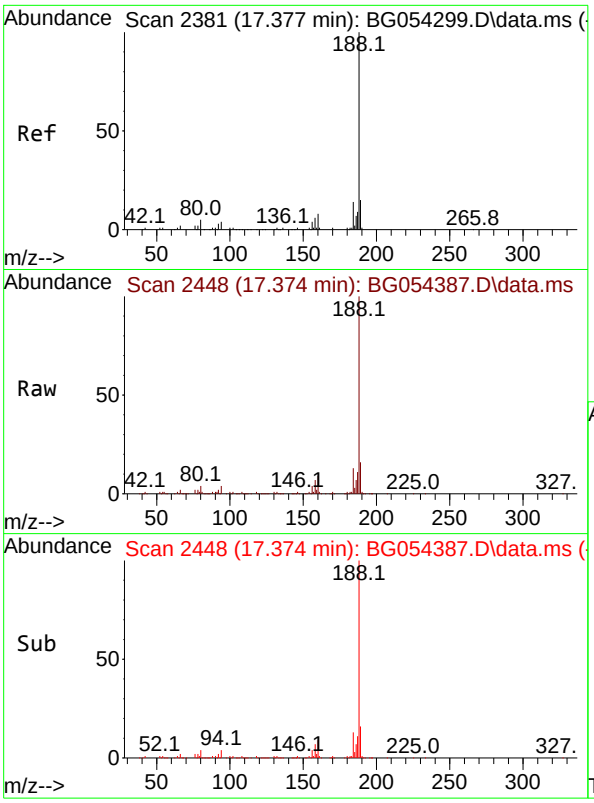


#58
Fluorene
Concen: 2.924 ng
RT: 15.670 min Scan# 2158
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:166 Resp: 15792

Ion	Ratio	Lower	Upper
166	100		
165	98.3	75.0	112.6
167	12.9	10.8	16.2



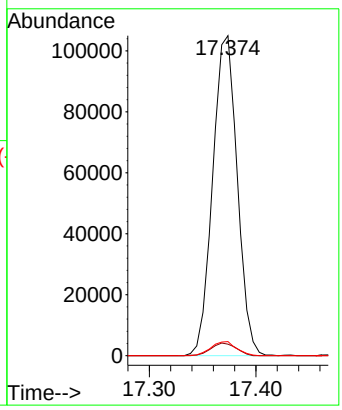


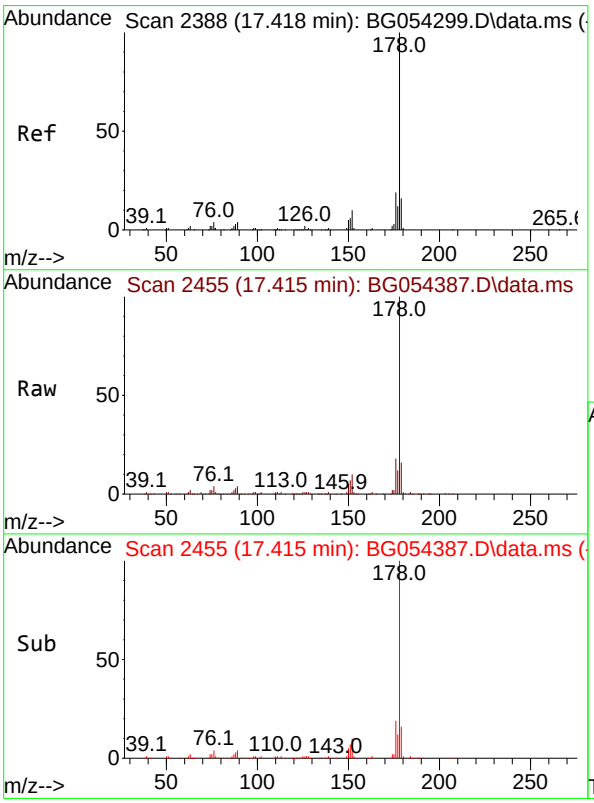
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:188 Resp: 168098

Ion	Ratio	Lower	Upper
188	100		
94	3.6	5.4	8.0#
80	4.4	6.8	10.2#

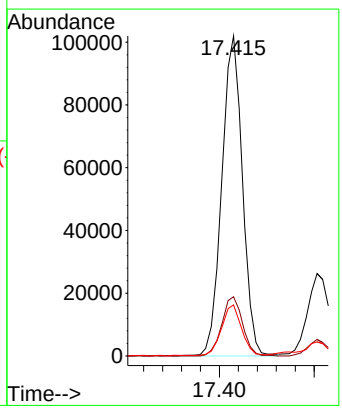


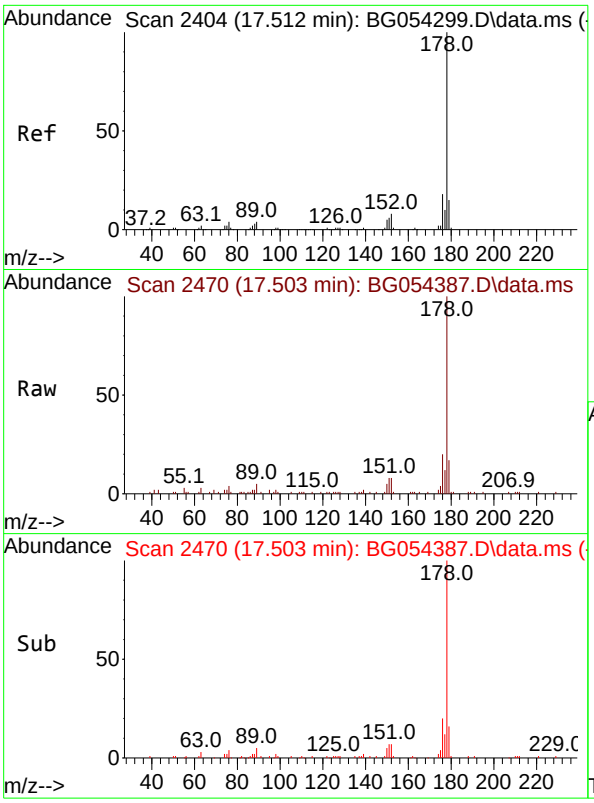


#71
Phenanthrene
Concen: 18.458 ng
RT: 17.415 min Scan# 2455
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:178 Resp: 154519

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	16.0	12.1	18.1



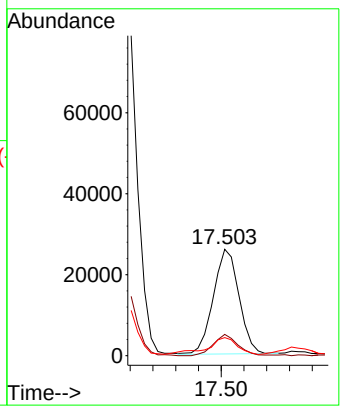


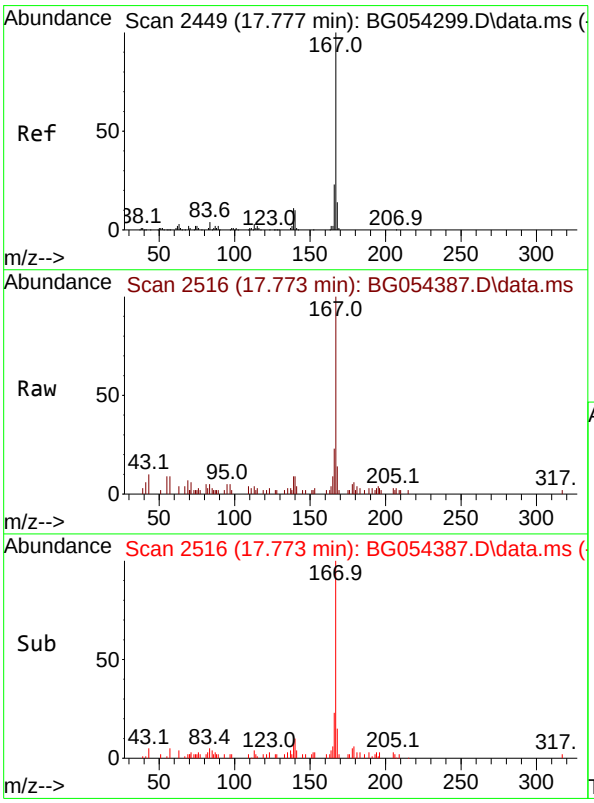
#72
Anthracene
Concen: 4.931 ng
RT: 17.503 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:178 Resp: 40510

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.2	22.8
179	17.1	13.0	19.4

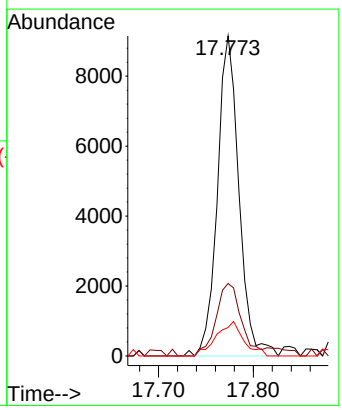


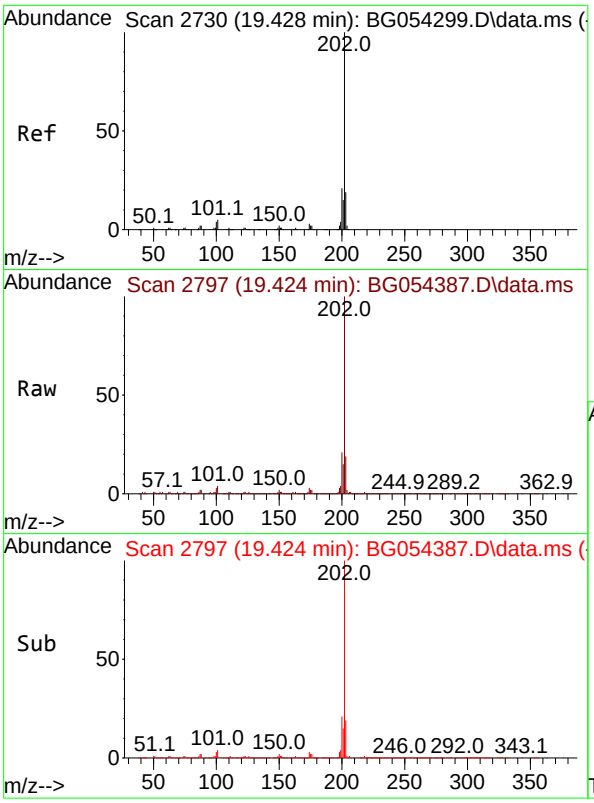


#73
Carbazole
Concen: 2.136 ng
RT: 17.773 min Scan# 2516
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:167 Resp: 14443

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	8.9	10.1	15.1#



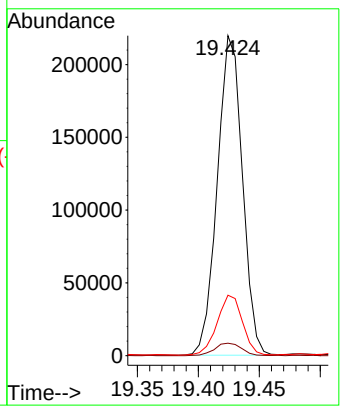


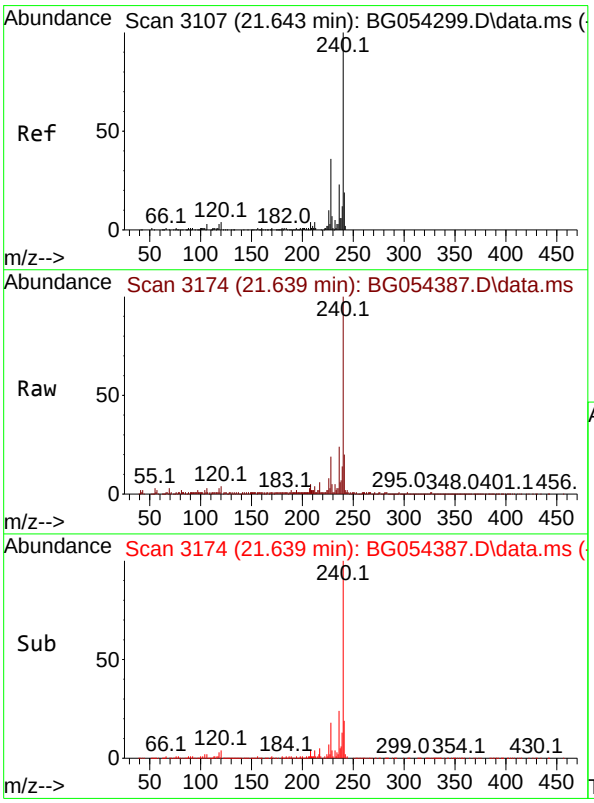
#75
Fluoranthene
Concen: 27.558 ng
RT: 19.424 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:202 Resp: 314468

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	26.9
203	18.9	0.0	37.2

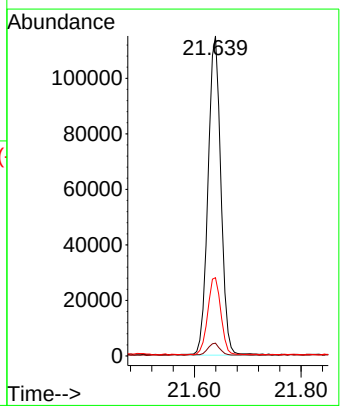


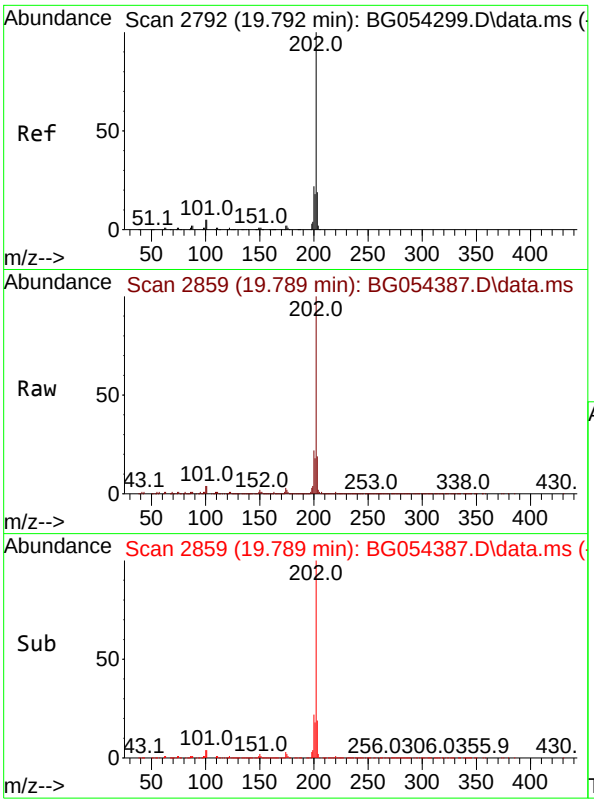


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:240 Resp: 192727

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	24.5	20.2	30.4



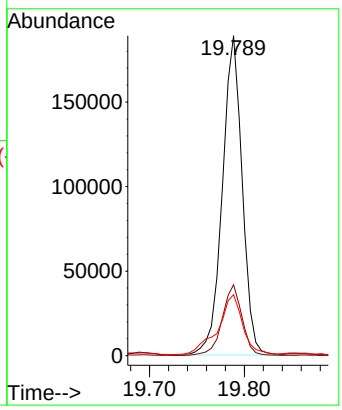


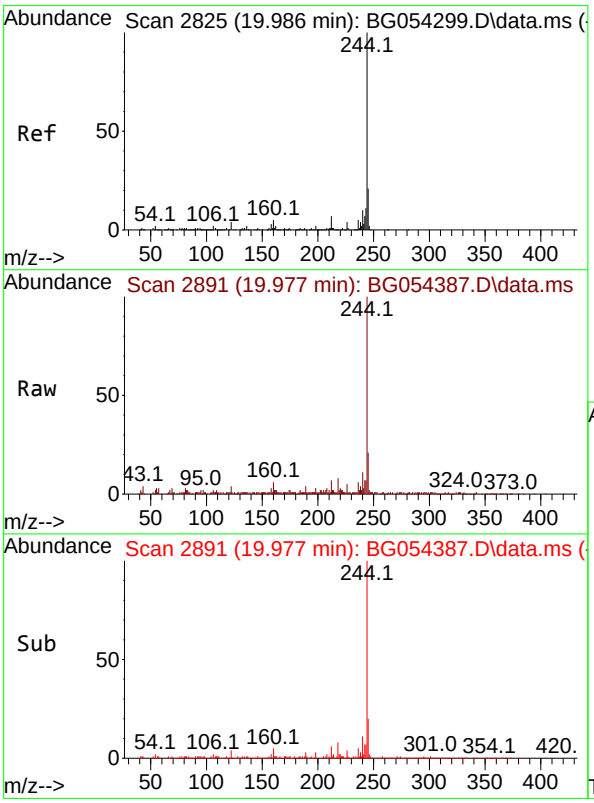
#78
Pyrene
Concen: 24.869 ng
RT: 19.789 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:202 Resp: 275011

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	24.8
203	19.0	14.6	21.8

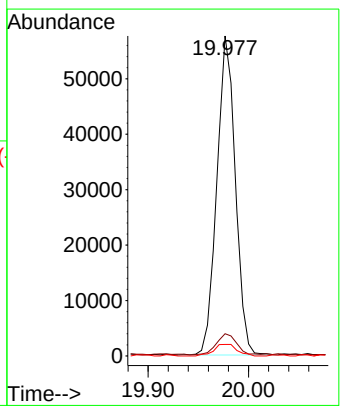


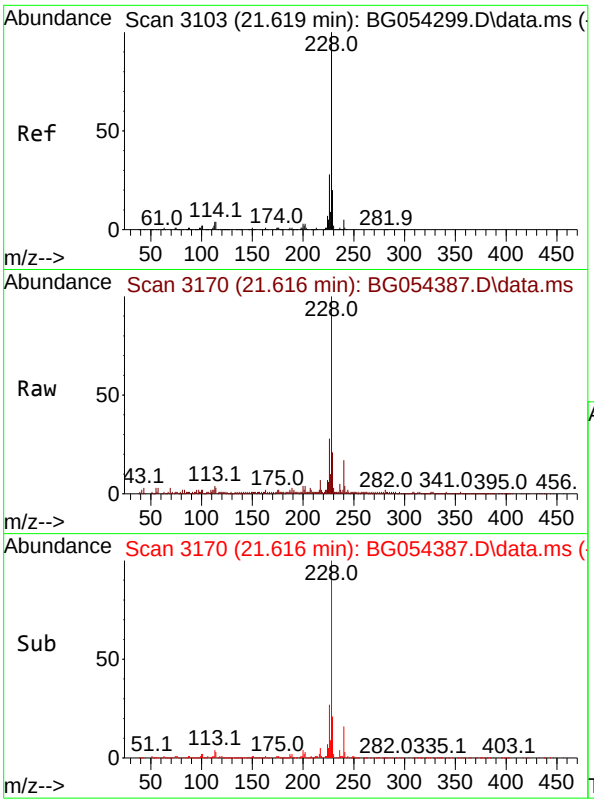


#79
Terphenyl-d14
Concen: 7.578 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:244 Resp: 73624

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	3.6	5.0	7.4#



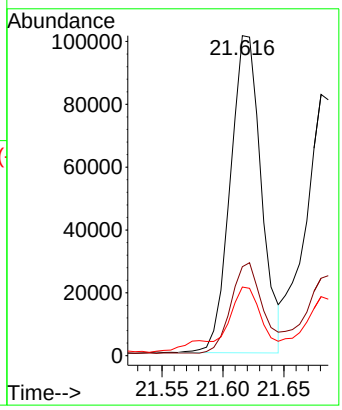


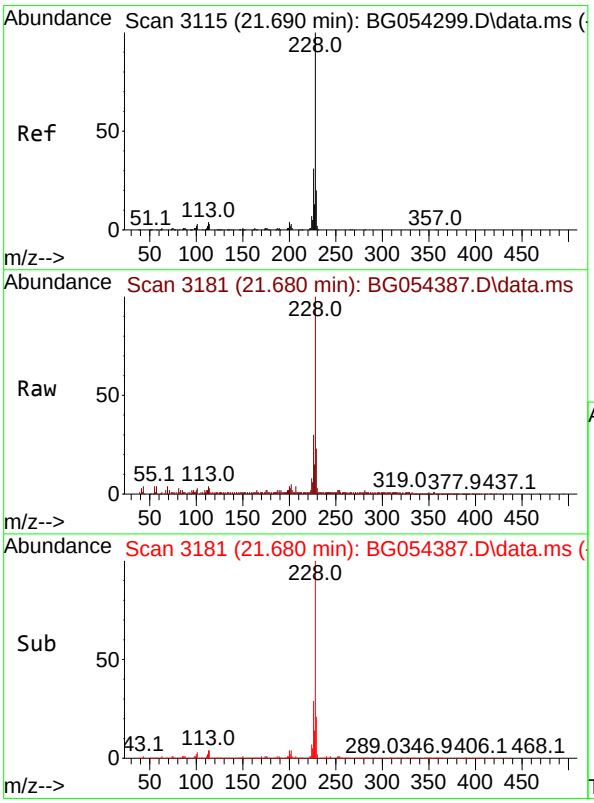
#81
Benzo(a)anthracene
Concen: 14.586 ng
RT: 21.616 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:228 Resp: 178451

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	21.5	16.2	24.2

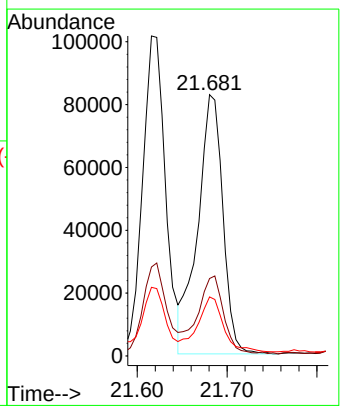


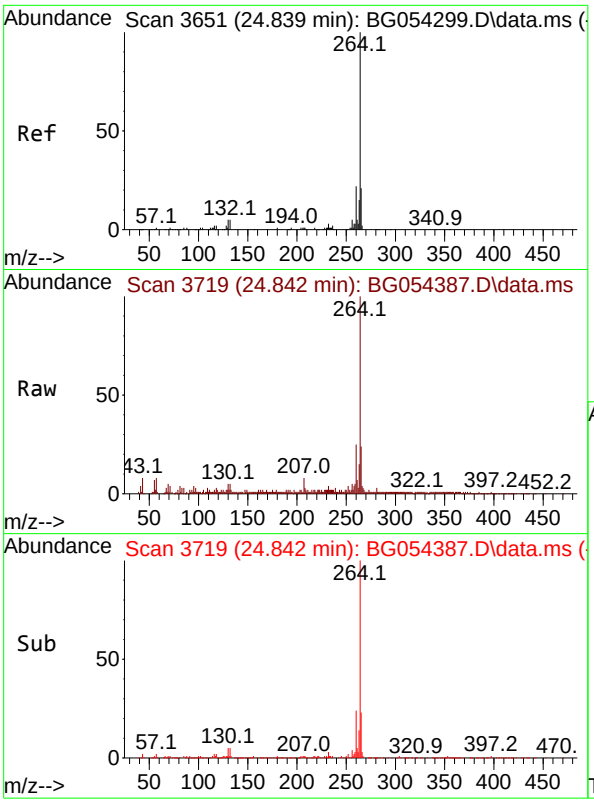


#83
Chrysene
Concen: 13.940 ng
RT: 21.680 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:228 Resp: 161126

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.6	15.5	23.3



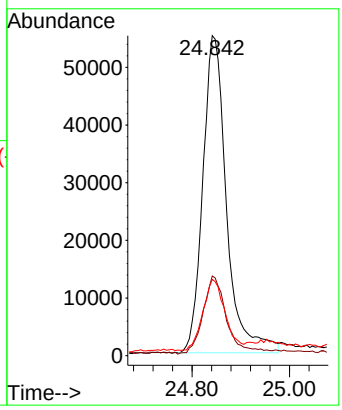


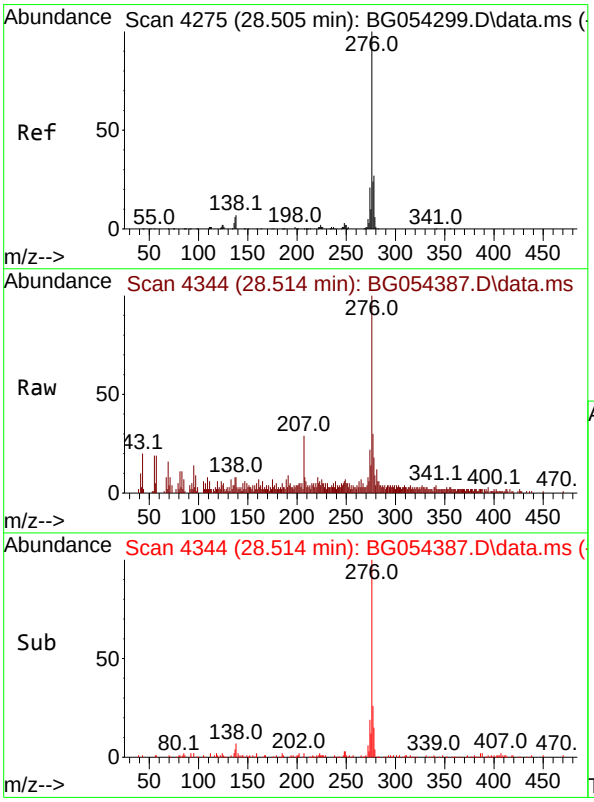
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:264 Resp: 185861

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	23.8	17.4	26.2

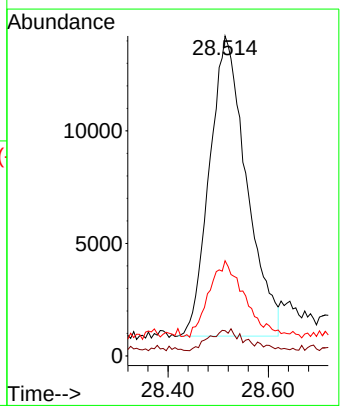


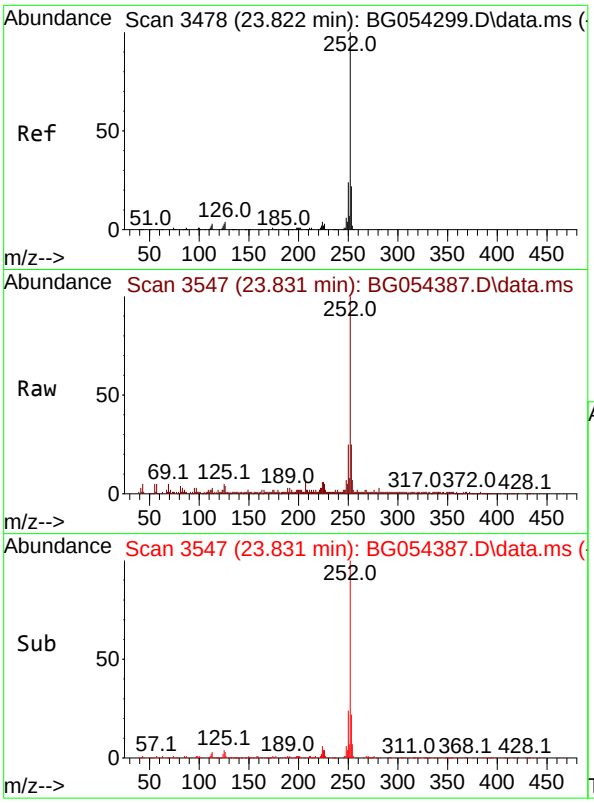


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.823 ng
RT: 28.514 min Scan# 4344
Delta R.T. 0.008 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:276 Resp: 68188

Ion	Ratio	Lower	Upper
276	100		
138	6.2	5.0	7.4
277	22.9	20.3	30.5



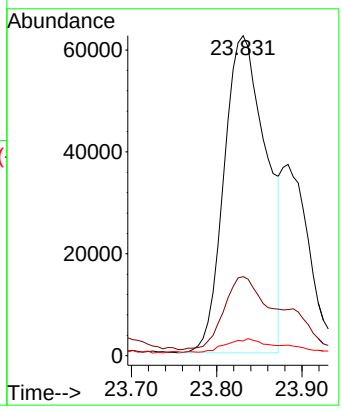


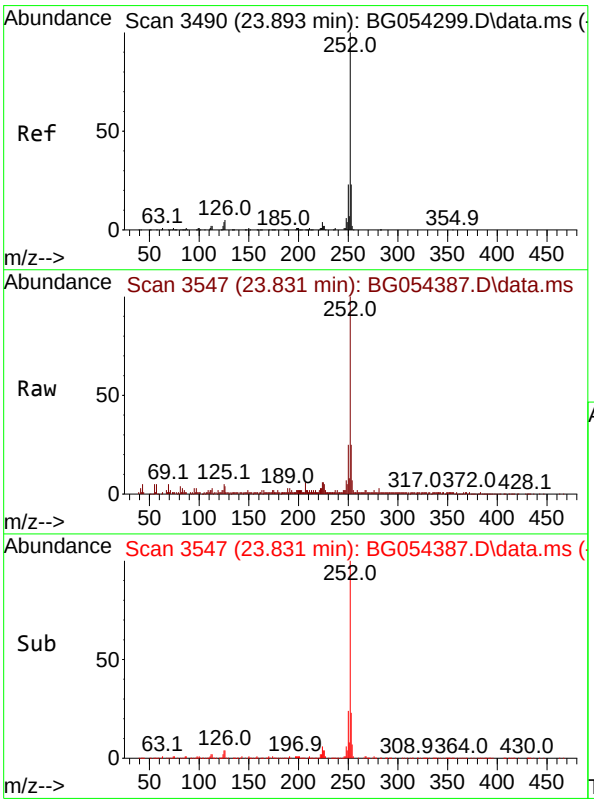
#88
Benzo(b)fluoranthene
Concen: 19.626 ng
RT: 23.831 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:252 Resp: 215717

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	4.6	4.6	6.8

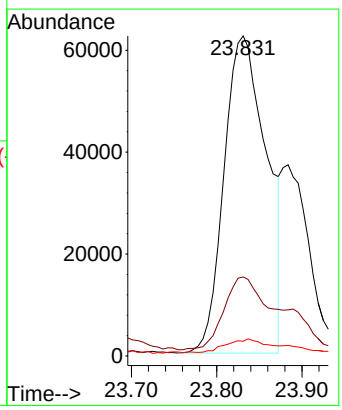


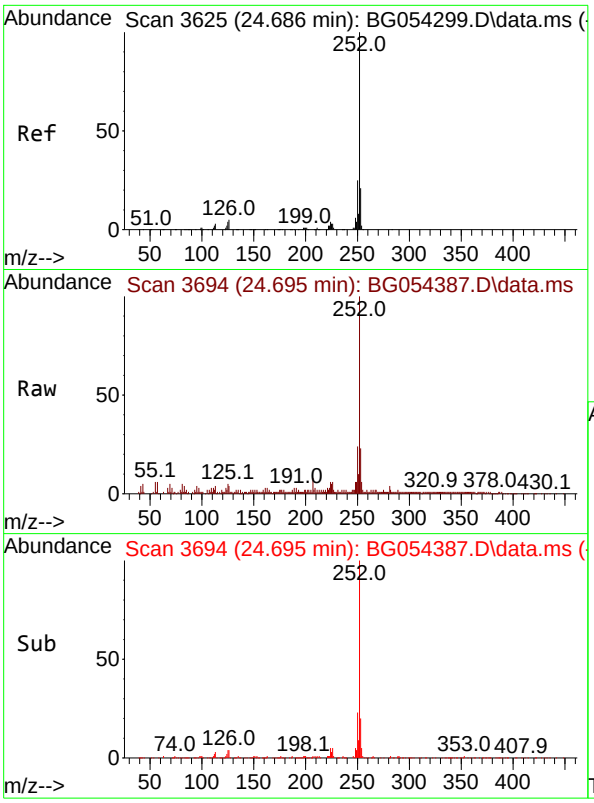


#89
Benzo(k)fluoranthene
Concen: 19.720 ng
RT: 23.831 min Scan# 3547
Delta R.T. -0.062 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:252 Resp: 215717

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	4.6	4.8	7.2#



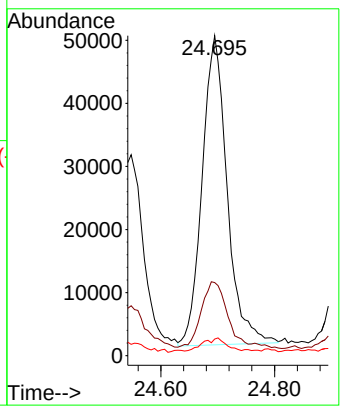


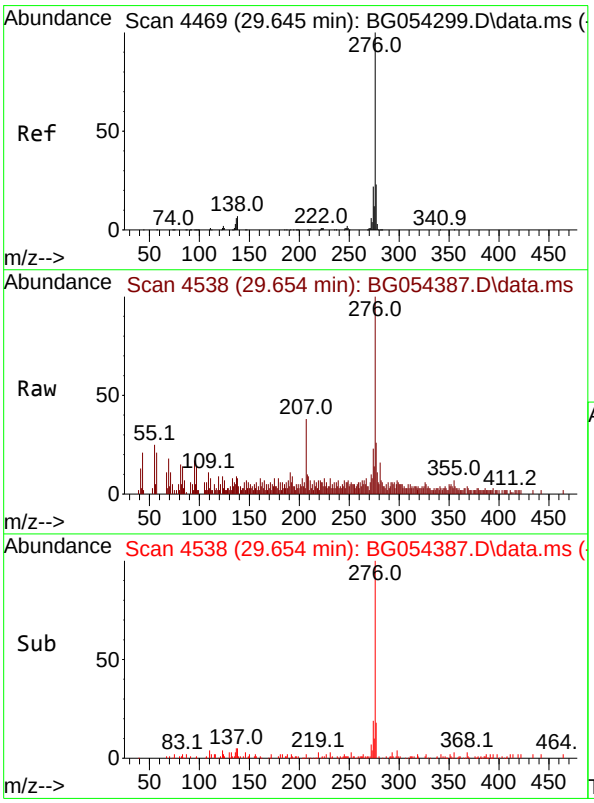
#90
Benzo(a)pyrene
Concen: 15.896 ng
RT: 24.695 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Instrument :
BNA_G
ClientSampleId :
EO-01-072222

Tgt Ion:252 Resp: 149218

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	5.2	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 5.431 ng
RT: 29.654 min Scan# 4538
Delta R.T. 0.008 min
Lab File: BG054387.D
Acq: 25 Jul 2022 20:08

Tgt Ion:276 Resp: 62318

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.3	25.9
138	8.0	9.6	14.4#