Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054813.D
Acq On : 31 Aug 2022 19:31
Operator : CG/JU
Sample : N4421-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Quant Time: Sep 01 05:05:53 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	61198	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	241685	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	150402	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	294832	20.000	ng		0.00
76) Chrysene-d12	21.837	240	269397	20.000	ng		0.01
86) Perylene-d12	25.233	264	298071	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	31312	8.910	ng		0.00
7) Phenol-d6	7.295	99	42226	8.786	ng		0.00
23) Nitrobenzene-d5	9.322	82	26568	5.771	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	15083	8.026	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	63985	6.394	ng		0.00
79) Terphenyl-d14	20.133	244	89882	6.611	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	10.180	122	55	7.824	ng	#	47
35) Caprolactam	11.966	113	3194	2.451	ng	#	43
54) 2,4-Dinitrophenol	15.333	184	1574	7.778	ng		90
71) Phenanthrene	17.578	178	42769	2.723	ng	#	90
75) Fluoranthene	19.581	202	72578	3.799	ng		86
78) Pyrene	19.945	202	155055	8.254	ng	#	92
81) Benzo(a)anthracene	21.820	228	106617	5.837	ng	#	83
83) Chrysene	21.884	228	177327	10.153	ng	#	85
88) Benzo(b)fluoranthene	24.146	252	94053	5.030	ng	#	46
89) Benzo(k)fluoranthene	24.146	252	94053	4.998	ng	#	45
90) Benzo(a)pyrene	25.069	252	76252	4.773	ng	#	64
92) Benzo(g,h,i)perylene	30.345	276	54728	2.939	ng	#	84

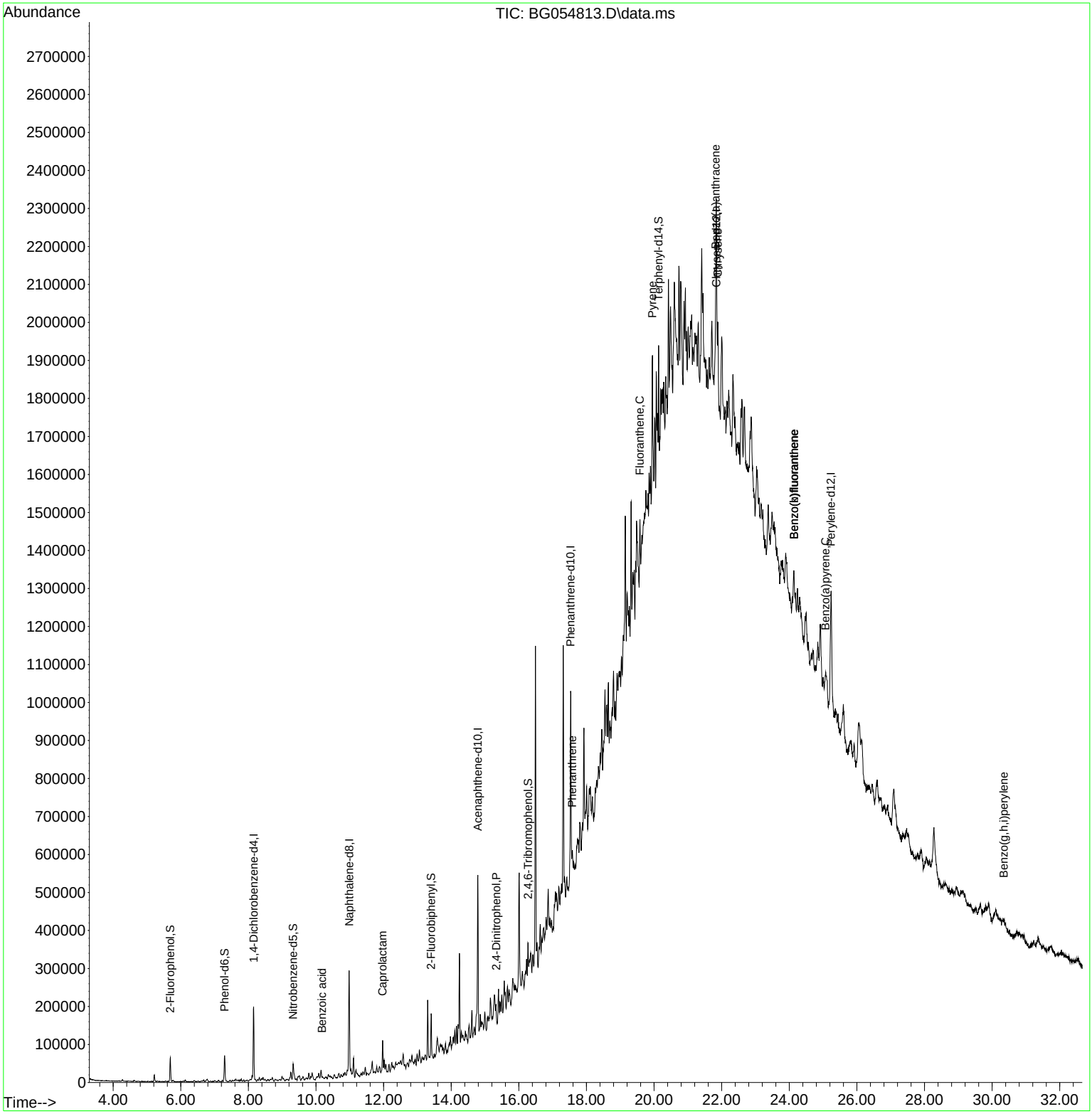
(#) = qualifier out of range (m) = manual integration (+) = signals summed

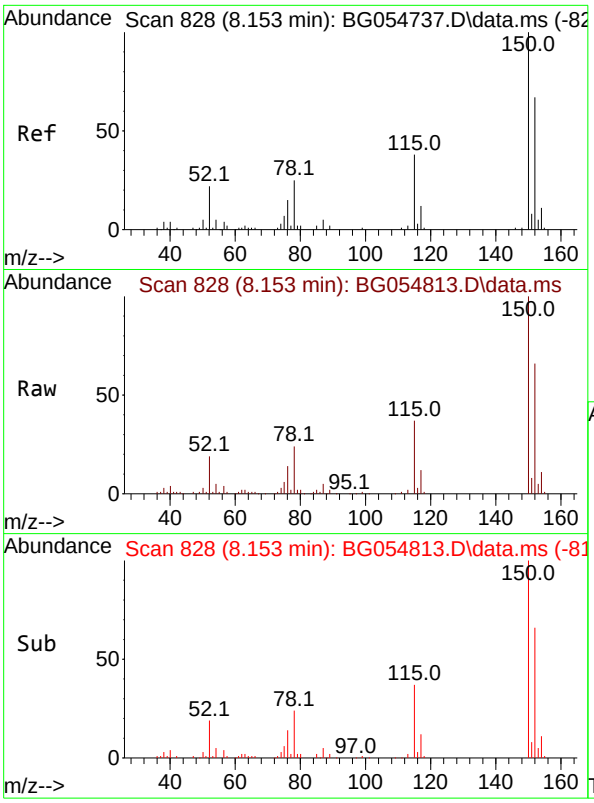
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054813.D
Acq On : 31 Aug 2022 19:31
Operator : CG/JU
Sample : N4421-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Quant Time: Sep 01 05:05:53 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



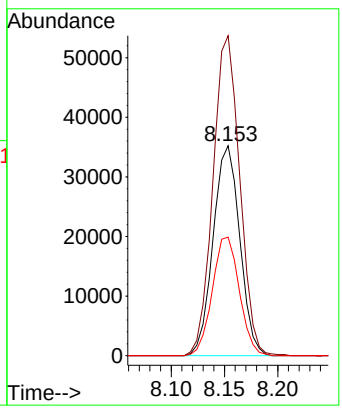


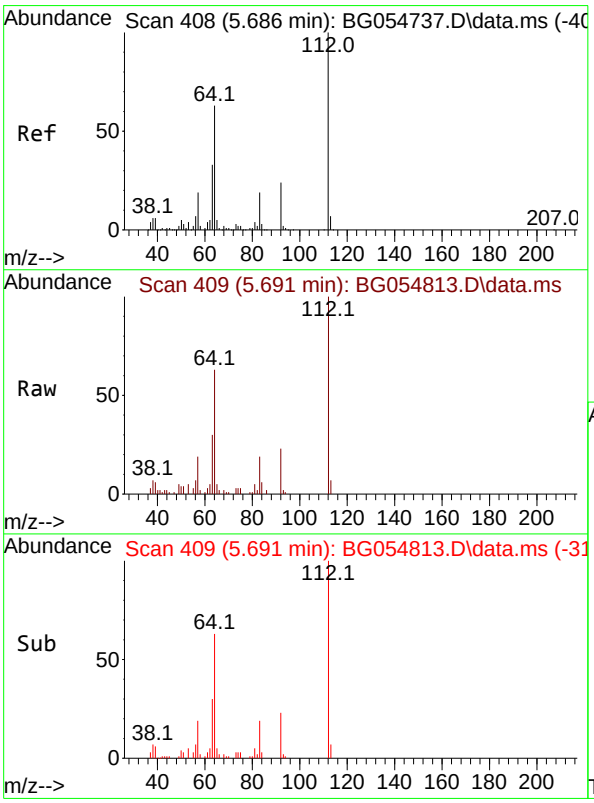
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:152 Resp: 61198

Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.2	187.8
115	56.4	47.9	71.9

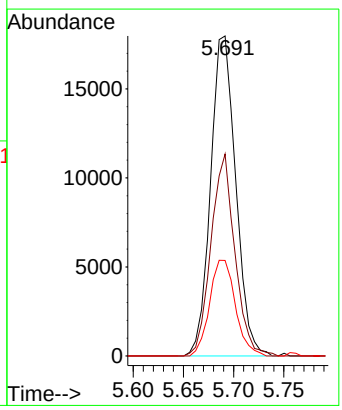


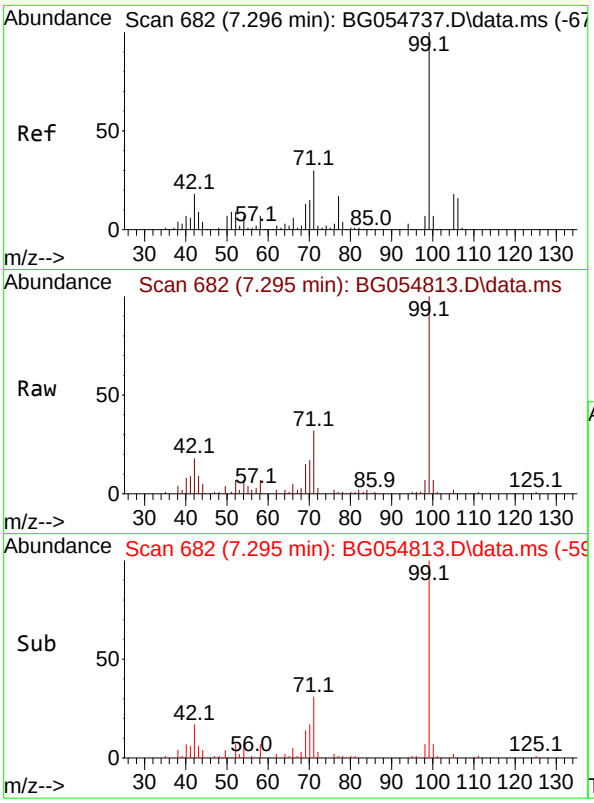


#5
2-Fluorophenol
Concen: 8.910 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:112 Resp: 31312

Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.3	73.9
63	29.8	26.3	39.5



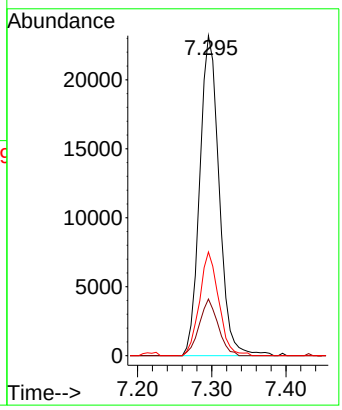


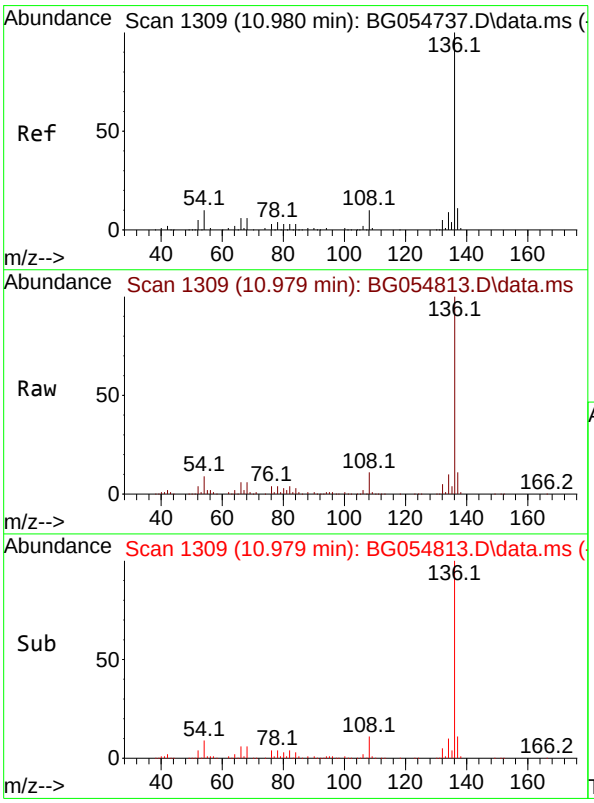
#7
Phenol-d6
Concen: 8.786 ng
RT: 7.295 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion: 99 Resp: 42226

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	22.0
71	32.4	24.6	37.0

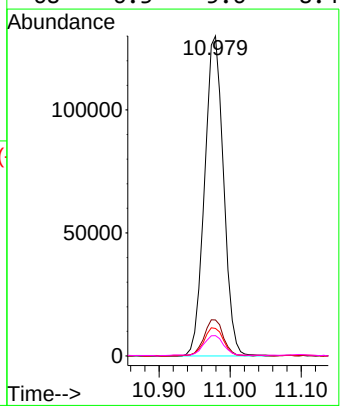


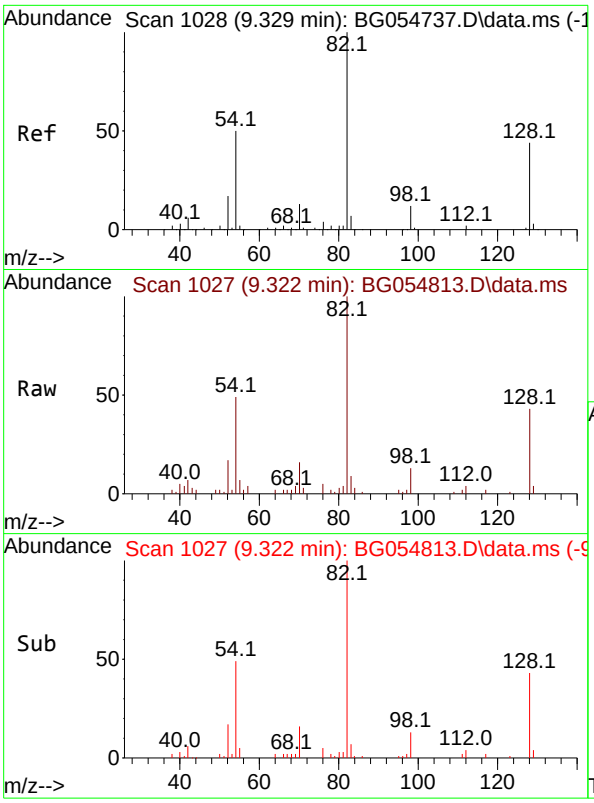


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:136 Resp: 241685

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.6	7.7	11.5
68	6.3	5.6	8.4



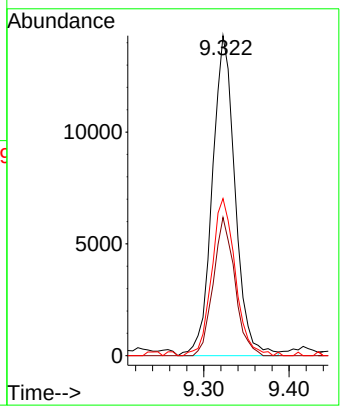


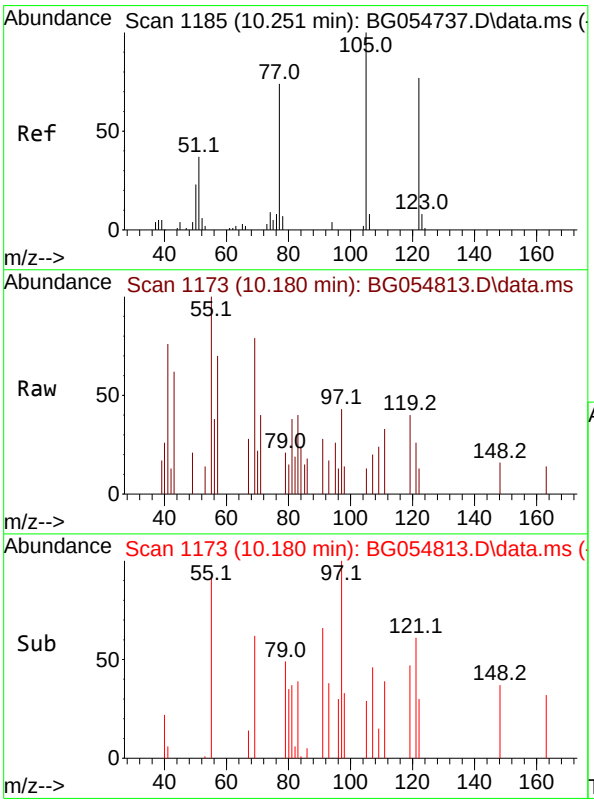
#23
Nitrobenzene-d5
Concen: 5.771 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion: 82 Resp: 26568

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.2	48.2
54	49.1	41.4	62.0

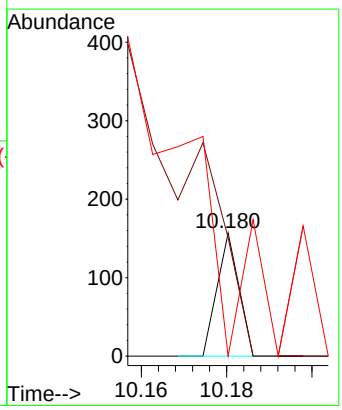


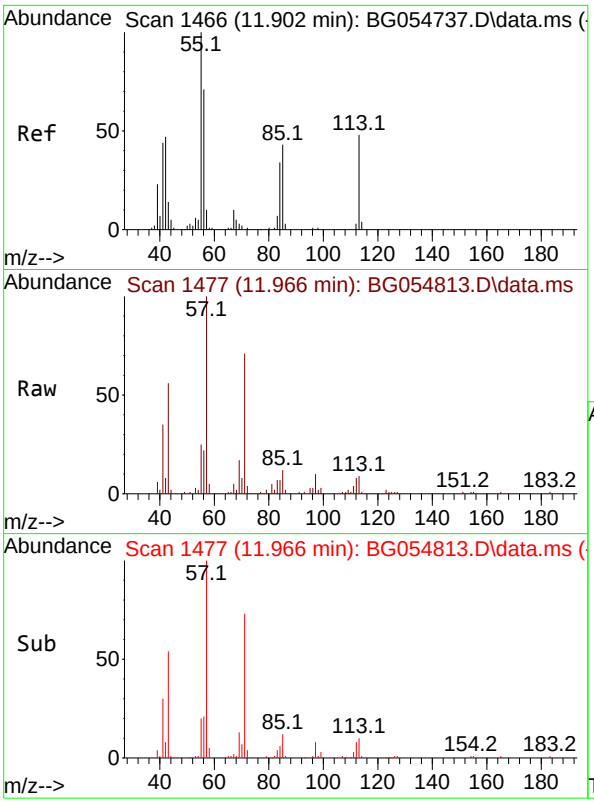


#32
Benzoic acid
Concen: 7.824 ng
RT: 10.180 min Scan# 1173
Delta R.T. -0.071 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	96.2	101.5	141.5#
77	0.0	69.3	109.3#



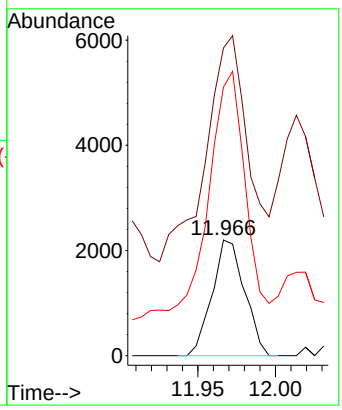


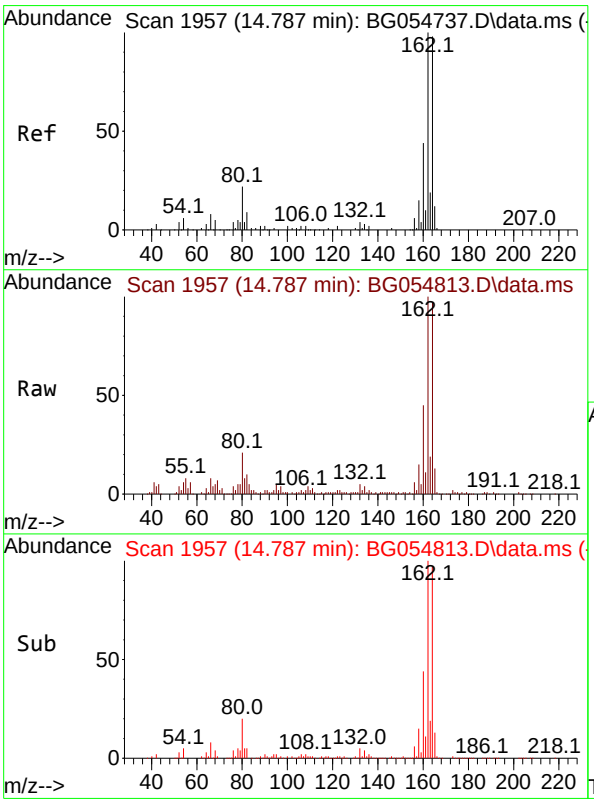
#35
Caprolactam
Concen: 2.451 ng
RT: 11.966 min Scan# 14
Delta R.T. 0.064 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:113 Resp: 3194

Ion	Ratio	Lower	Upper
113	100		
55	266.0	179.1	219.1#
56	232.3	120.8	160.8#

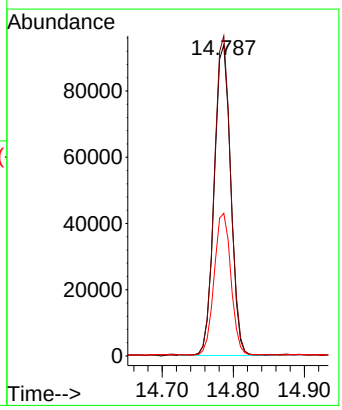


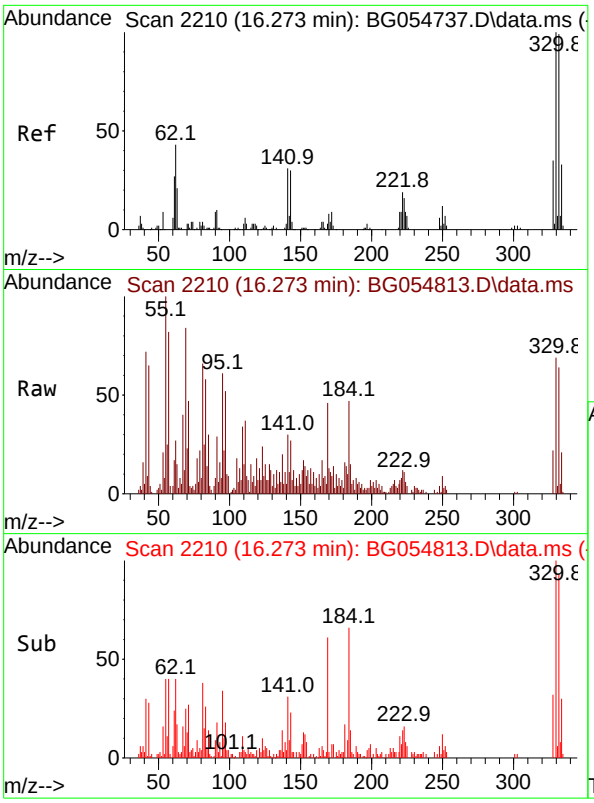


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:164 Resp: 150402

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	45.9	38.0	57.0



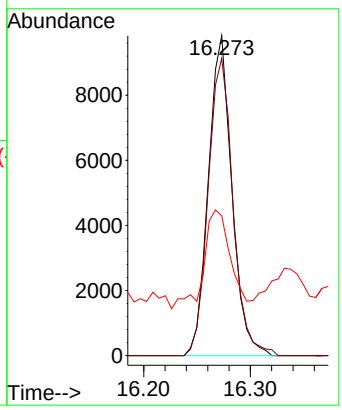


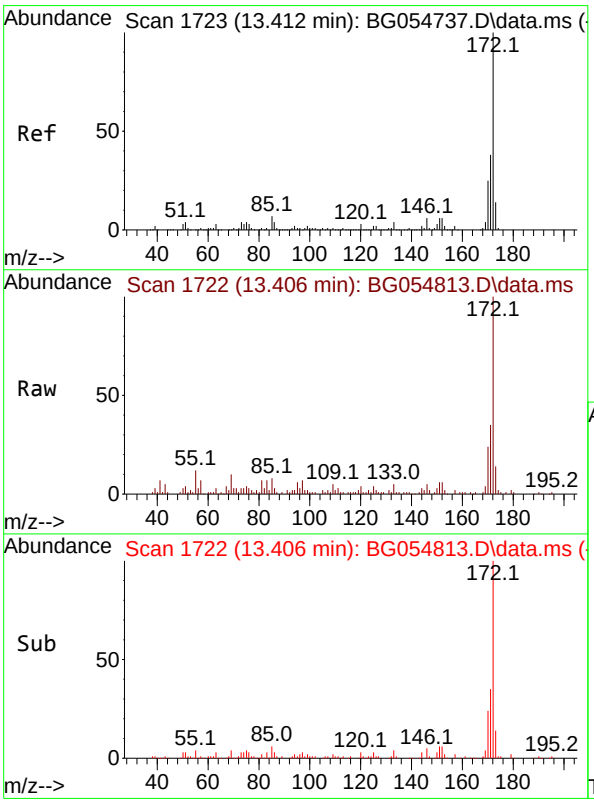
#42
2,4,6-Tribromophenol
Concen: 8.026 ng
RT: 16.273 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:330 Resp: 15083

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.8	119.6
141	34.3	26.8	40.2

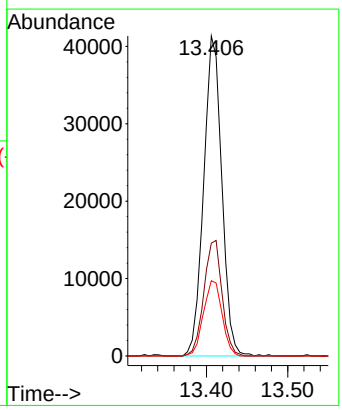


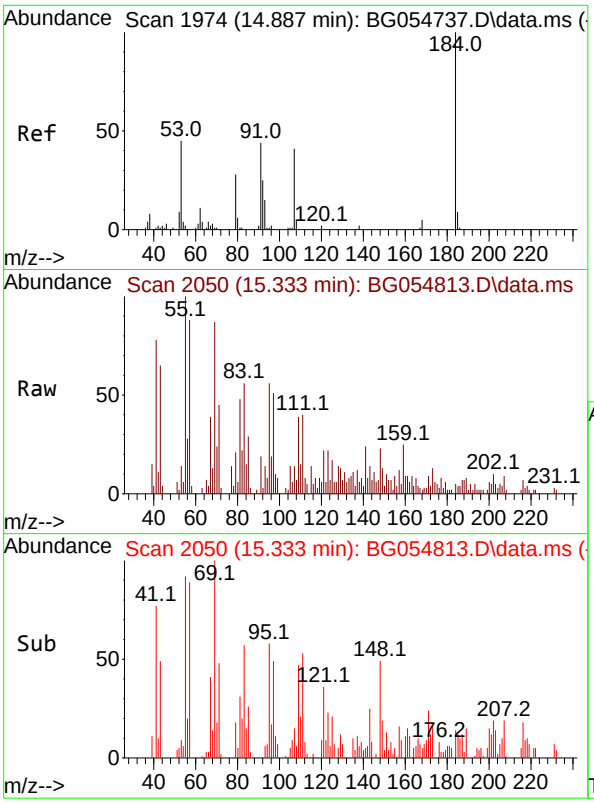


#45
2-Fluorobiphenyl
Concen: 6.394 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:172 Resp: 63985

Ion	Ratio	Lower	Upper
172	100		
171	35.3	31.2	46.8
170	23.5	20.6	30.8



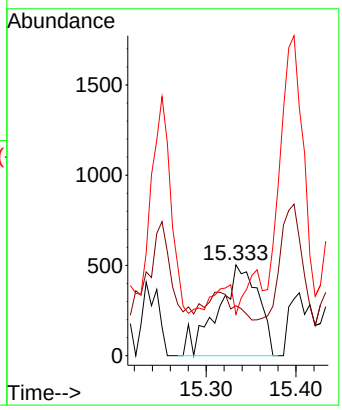


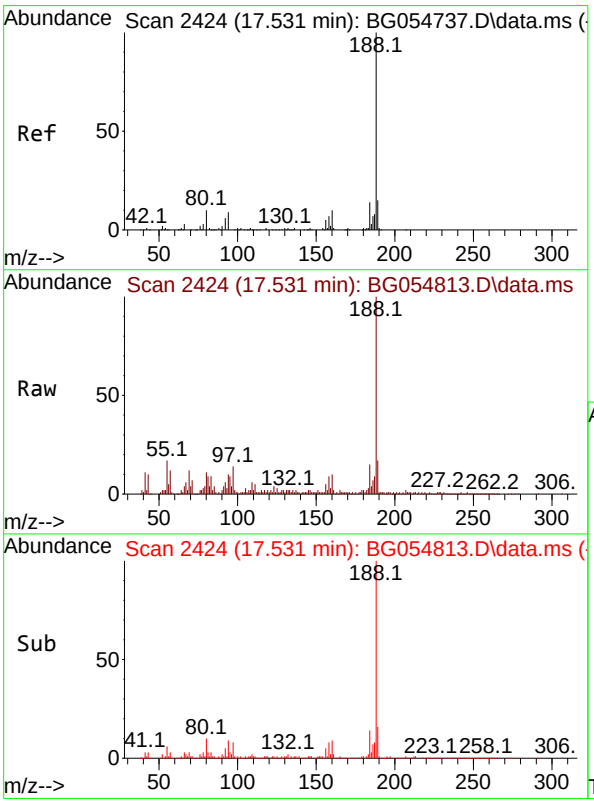
#54
2,4-Dinitrophenol
Concen: 7.778 ng
RT: 15.333 min Scan# 2(
Delta R.T. 0.446 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:184 Resp: 1574

Ion	Ratio	Lower	Upper
184	100		
63	55.0	41.8	62.8
154	45.4	45.2	67.8

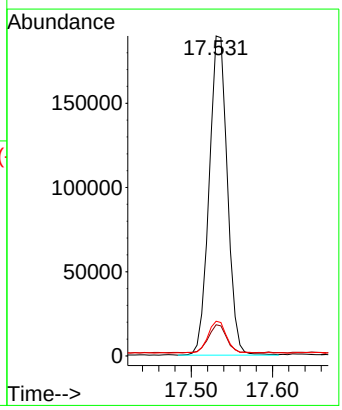


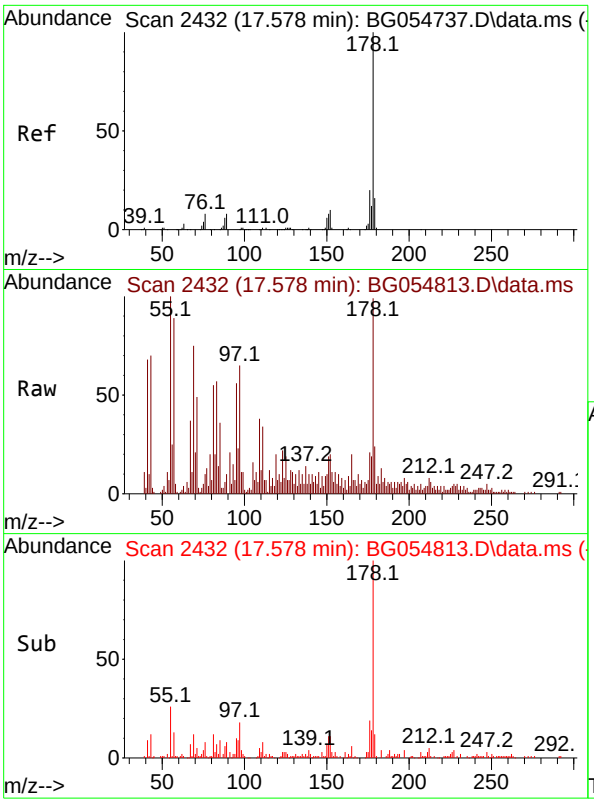


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:188 Resp: 294832

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.4
80	10.8	7.9	11.9



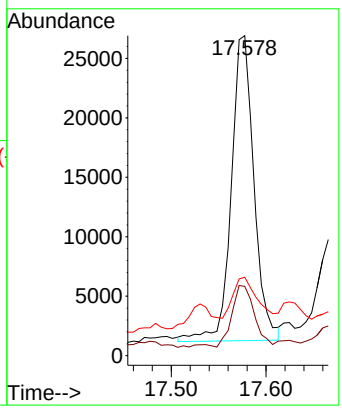


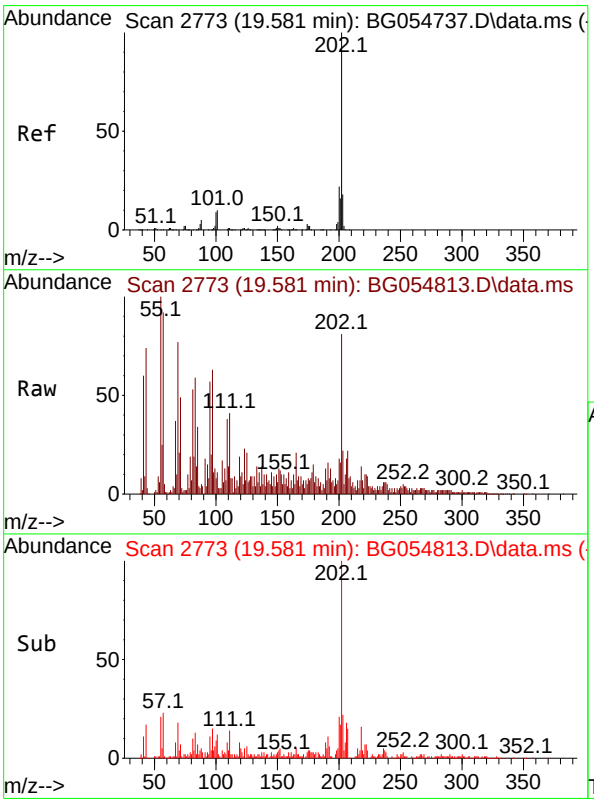
#71
Phenanthrene
Concen: 2.723 ng
RT: 17.578 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:178 Resp: 42769

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.6	25.0
179	24.5	12.8	19.2#

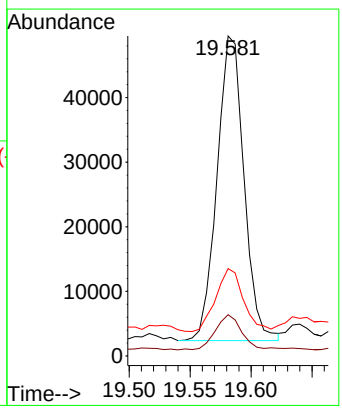


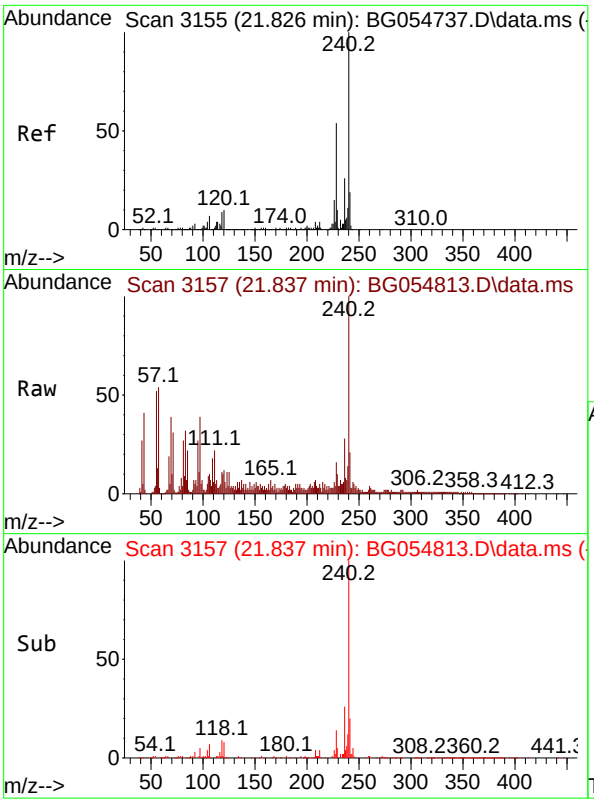


#75
Fluoranthene
Concen: 3.799 ng
RT: 19.581 min Scan# 2773
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:202 Resp: 72578

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.4
203	27.3	0.0	38.6



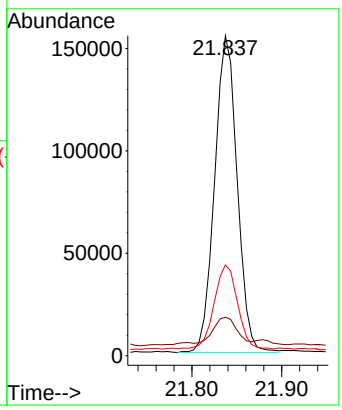


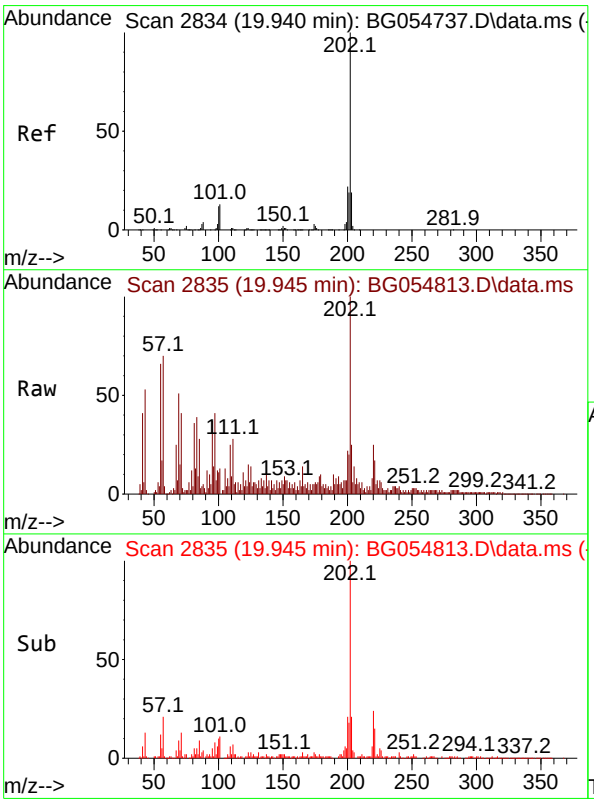
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:240 Resp: 269397

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.2	12.4
236	28.3	21.2	31.8

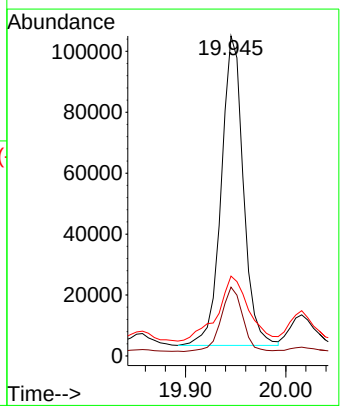


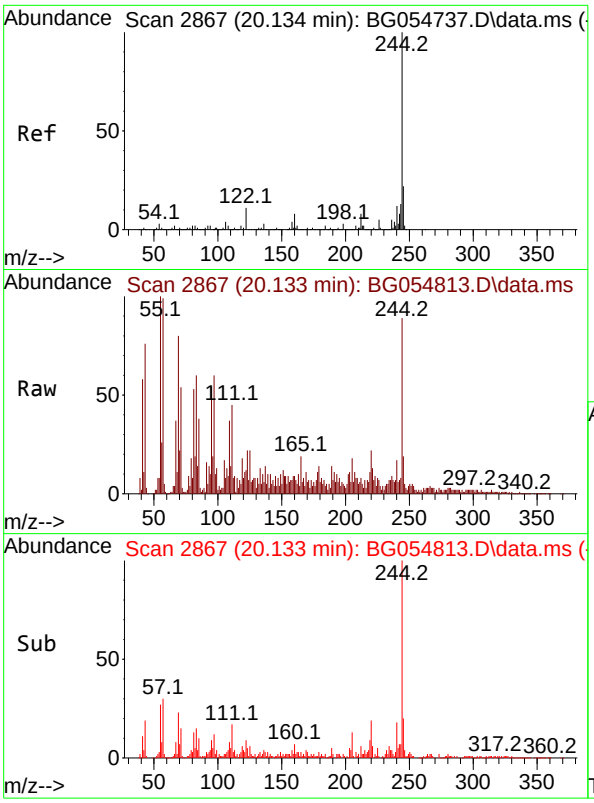


#78
Pyrene
Concen: 8.254 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:202 Resp: 155055

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	24.9	14.6	21.8#



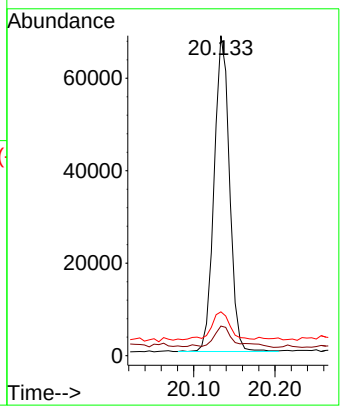


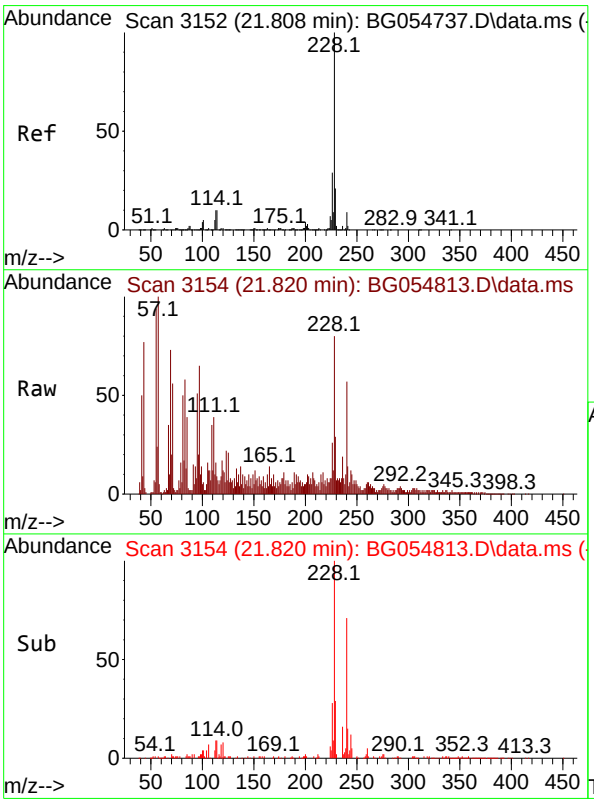
#79
Terphenyl-d14
Concen: 6.611 ng
RT: 20.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:244 Resp: 89882

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.2	9.2
122	13.7	9.0	13.6#

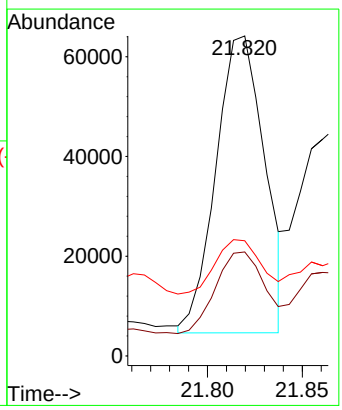


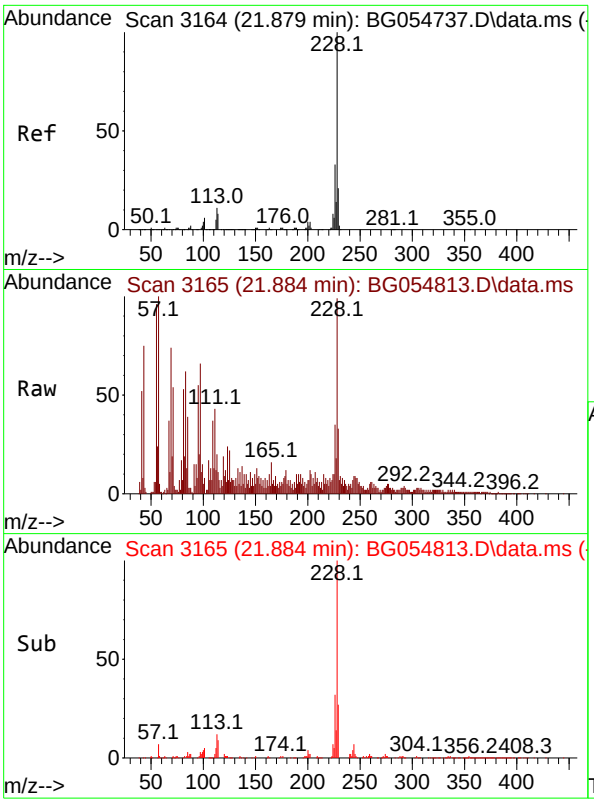


#81
Benzo(a)anthracene
Concen: 5.837 ng
RT: 21.820 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:228 Resp: 106617

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	36.0	16.5	24.7#



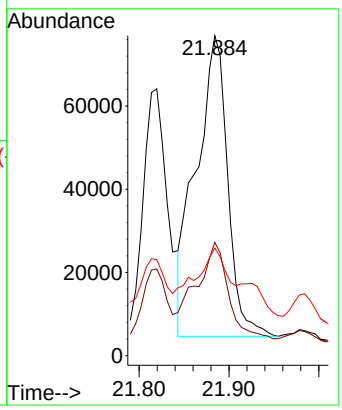


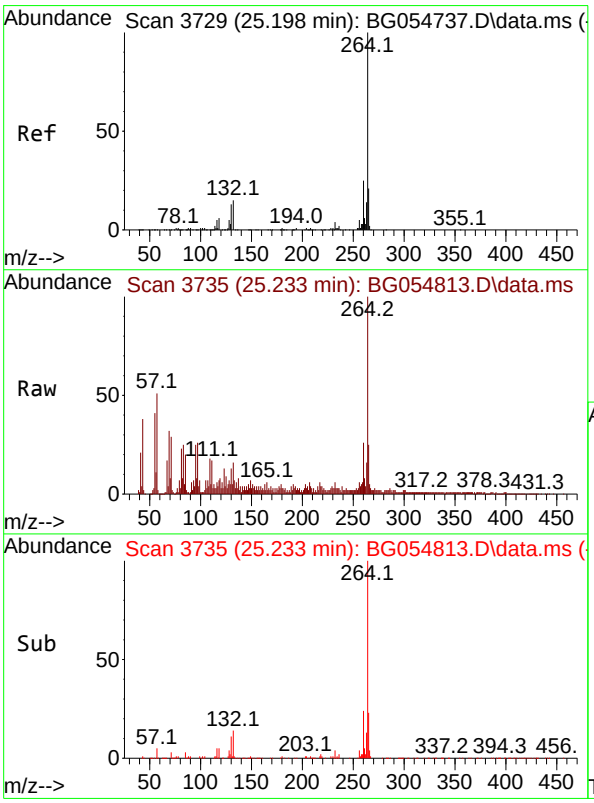
#83
Chrysene
Concen: 10.153 ng
RT: 21.884 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:228 Resp: 177327

Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.5	38.3
229	33.7	16.8	25.2#

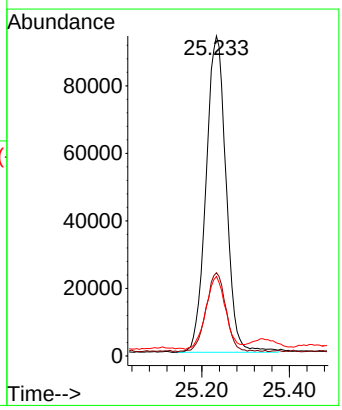


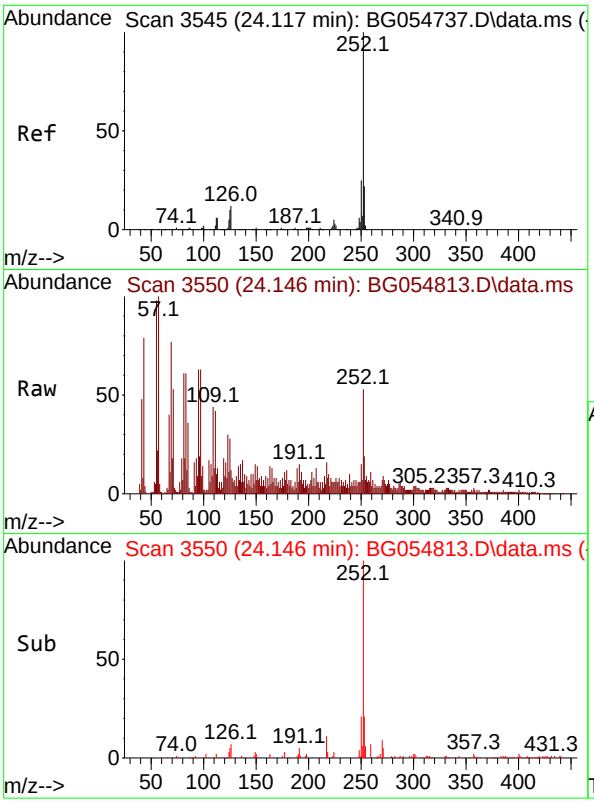


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.233 min Scan# 3735
Delta R.T. 0.035 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:264 Resp: 298071

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.9	29.9
265	24.8	16.9	25.3



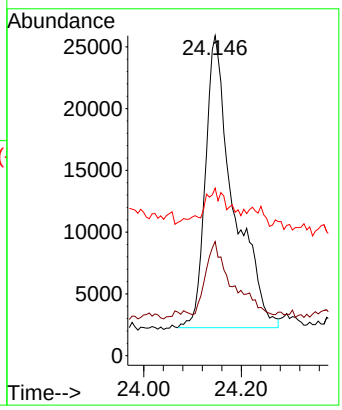


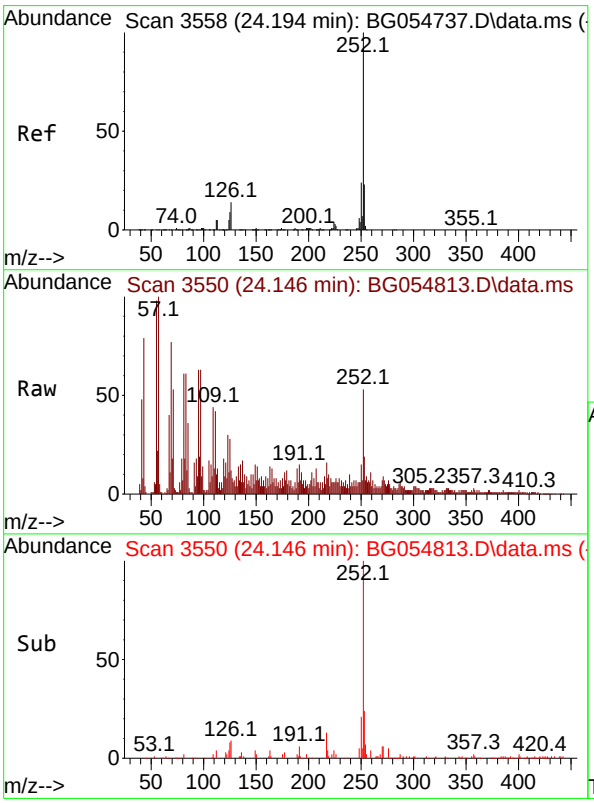
#88
Benzo(b)fluoranthene
Concen: 5.030 ng
RT: 24.146 min Scan# 3
Delta R.T. 0.029 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:252 Resp: 94053

Ion	Ratio	Lower	Upper
252	100		
253	35.6	18.0	27.0#
125	52.4	8.1	12.1#

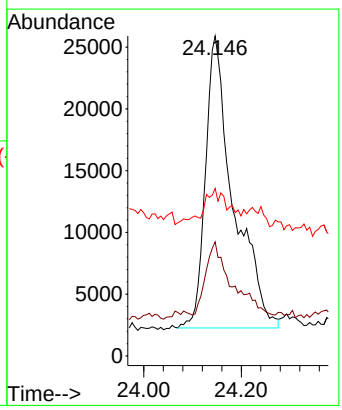


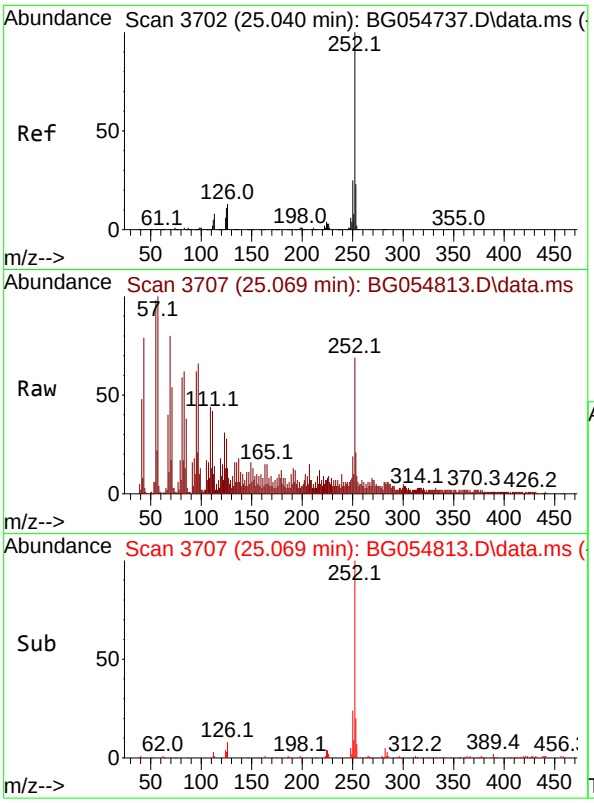


#89
Benzo(k)fluoranthene
Concen: 4.998 ng
RT: 24.146 min Scan# 3550
Delta R.T. -0.047 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:252 Resp: 94053

Ion	Ratio	Lower	Upper
252	100		
253	35.6	17.8	26.8#
125	52.4	8.2	12.4#



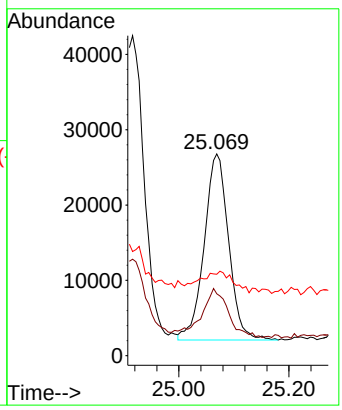


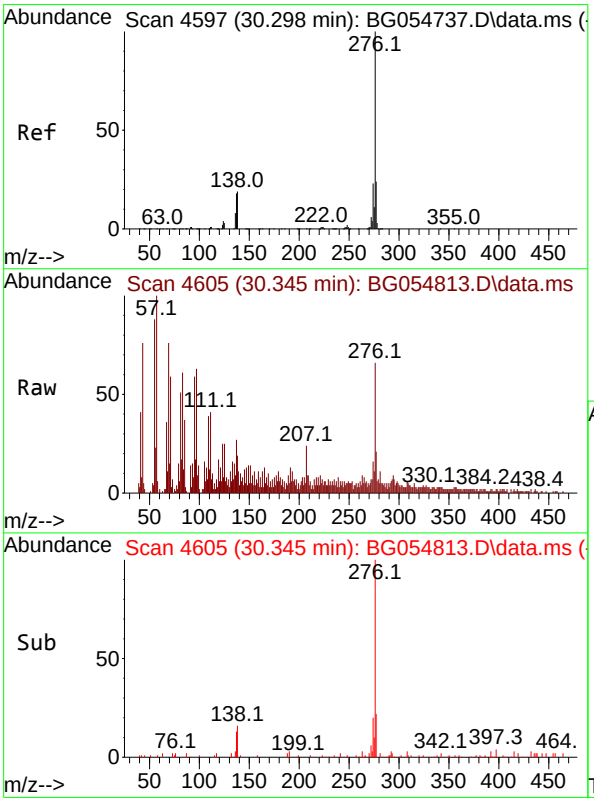
#90
Benzo(a)pyrene
Concen: 4.773 ng
RT: 25.069 min Scan# 3
Delta R.T. 0.029 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-03

Tgt Ion:252 Resp: 76252

Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.3	27.5#
125	40.4	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.939 ng
RT: 30.345 min Scan# 4605
Delta R.T. 0.047 min
Lab File: BG054813.D
Acq: 31 Aug 2022 19:31

Tgt Ion:276 Resp: 54728

Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.4	29.0#
138	28.2	16.6	25.0#