Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
Data File : BG054885.D
Acq On : 8 Sep 2022 15:45
Operator : CG/JU
Sample : N4537-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW2

Quant Time: Sep 09 02:49:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 02:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	34872	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	141630	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	104708	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	223870	20.000	ng	0.00
76) Chrysene-d12	21.830	240	229977	20.000	ng	0.00
86) Perylene-d12	25.214	264	243519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	99343	49.608	ng	0.00
7) Phenol-d6	7.300	99	83690	30.558	ng	0.00
23) Nitrobenzene-d5	9.327	82	202570	75.084	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	166600	127.332	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	508611	73.008	ng	0.00
79) Terphenyl-d14	20.132	244	783419	67.496	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.329	94	7851	2.788	ng	94
20) 3+4-Methylphenols	8.916	107	330568	122.935	ng	88

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

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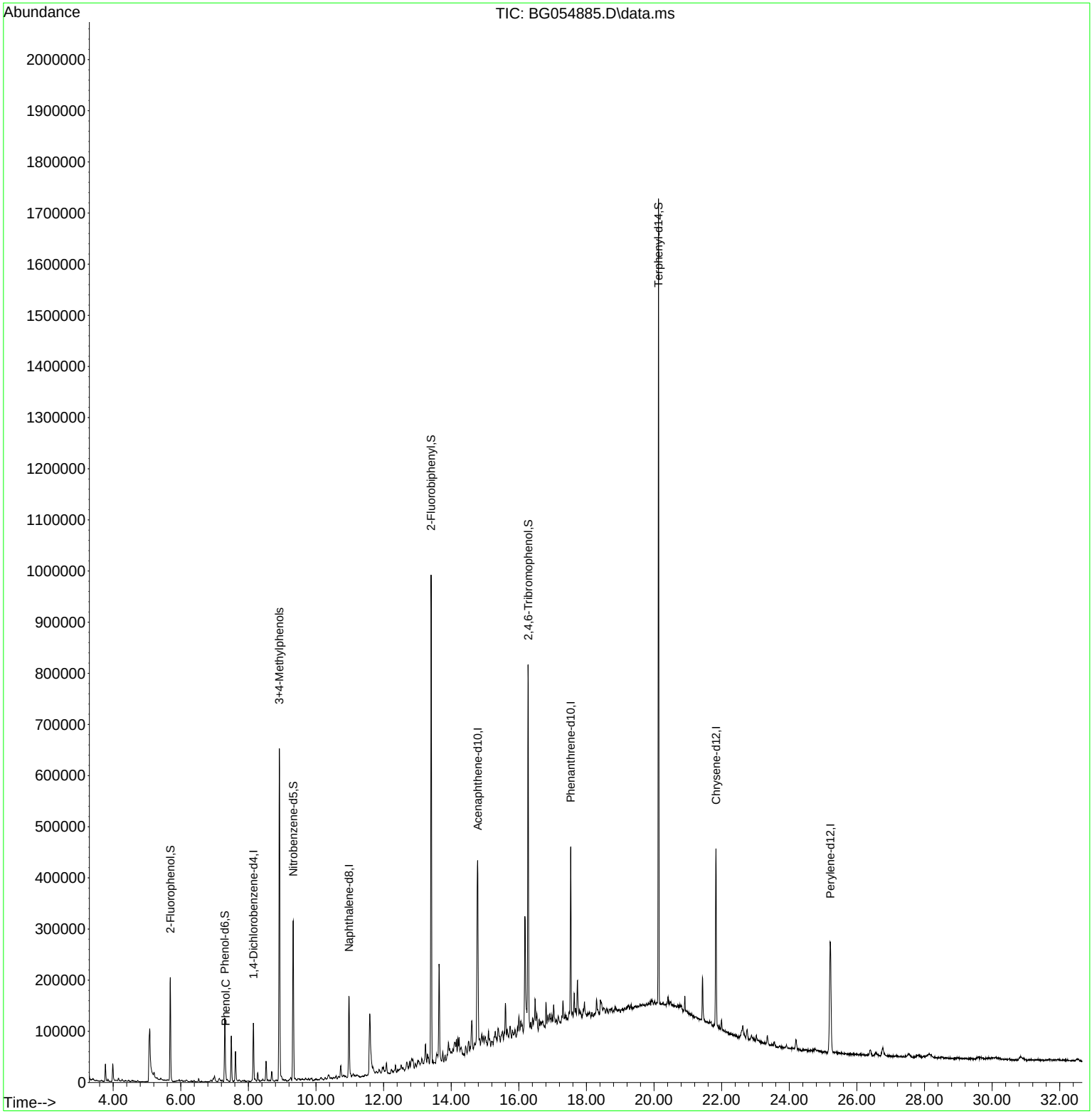
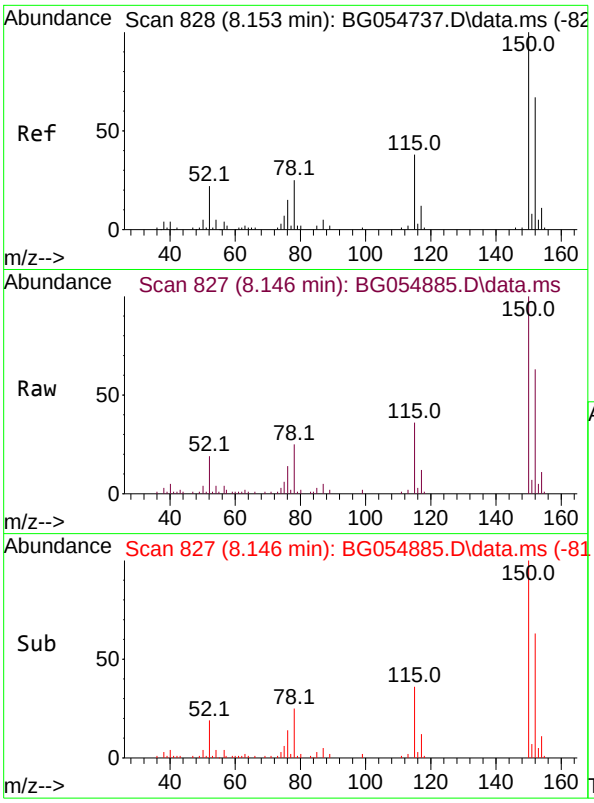


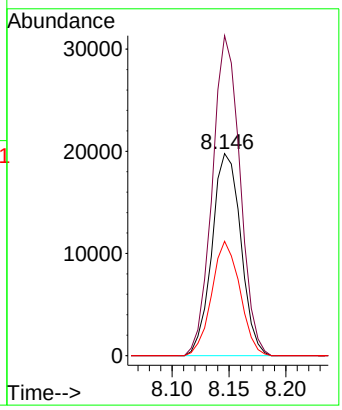


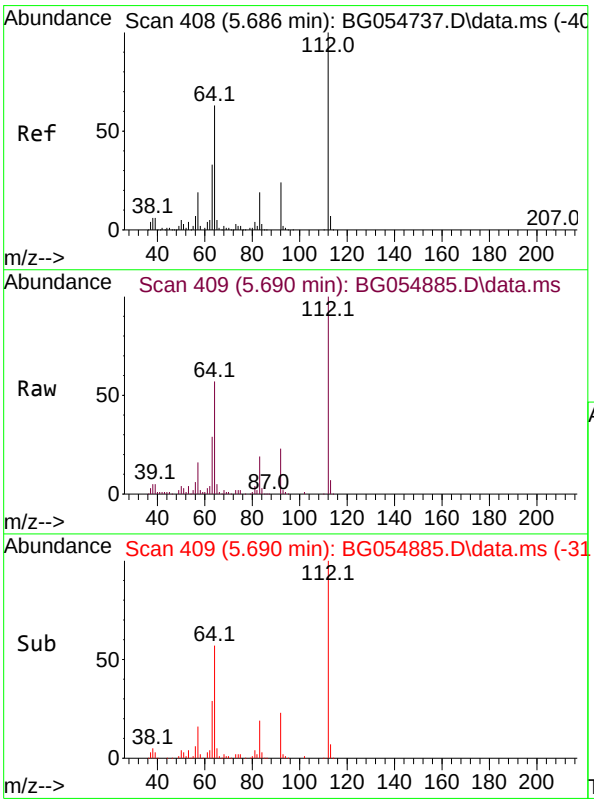
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:152 Resp: 34872

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.2	187.8
115	56.6	47.9	71.9

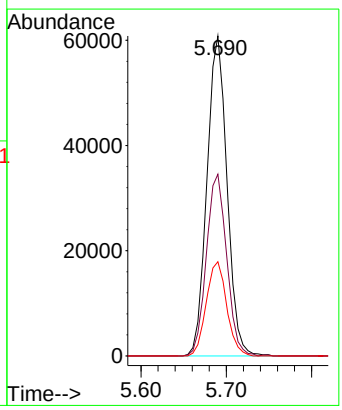


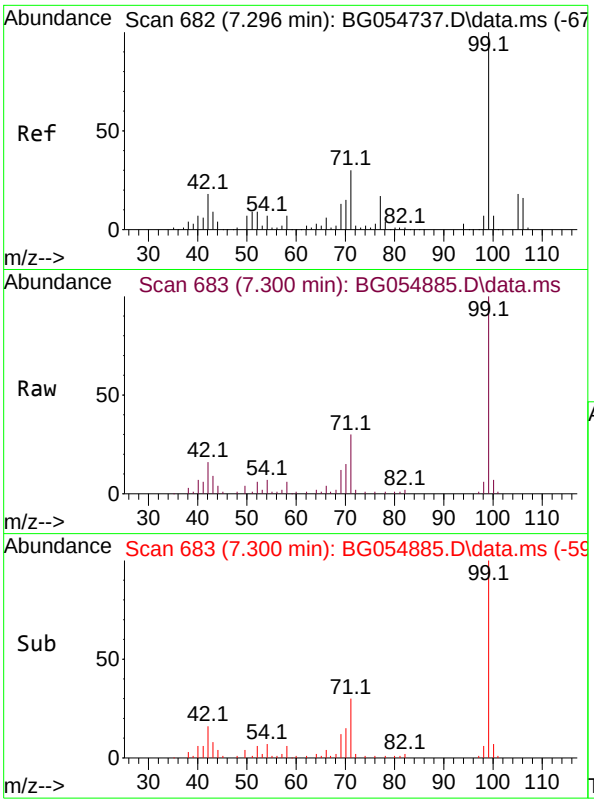


#5
2-Fluorophenol
Concen: 49.608 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:112 Resp: 99343

Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.3	73.9
63	29.4	26.3	39.5



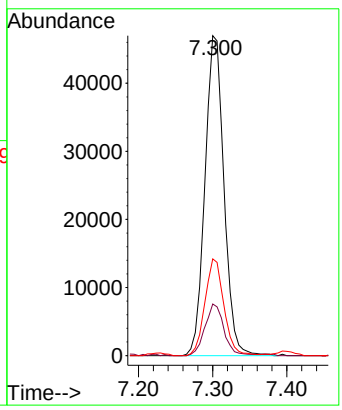


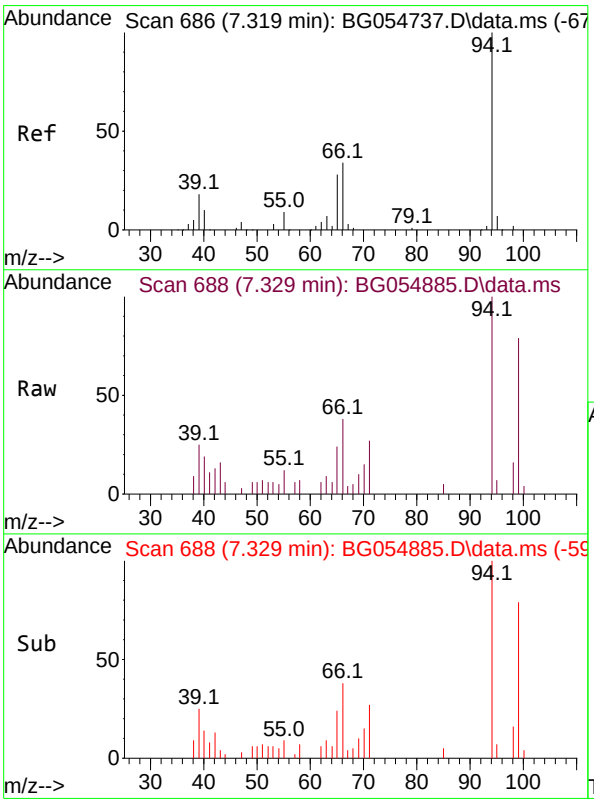
#7
Phenol-d6
Concen: 30.558 ng
RT: 7.300 min Scan# 68
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion: 99 Resp: 83690

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.6	22.0
71	30.2	24.6	37.0

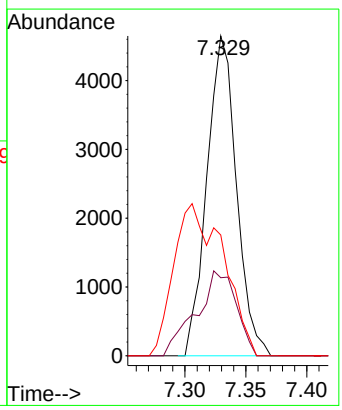


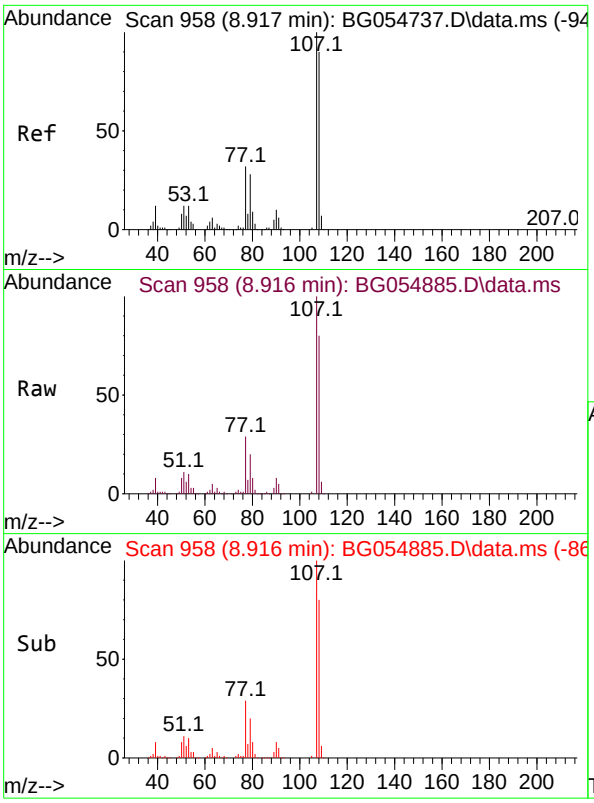


#10
Phenol
Concen: 2.788 ng
RT: 7.329 min Scan# 688
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion: 94 Resp: 7851

Ion	Ratio	Lower	Upper
94	100		
65	24.4	9.9	49.9
66	37.8	16.4	56.4



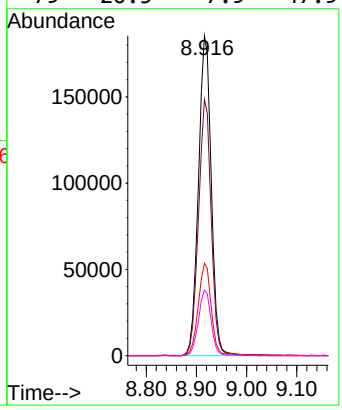


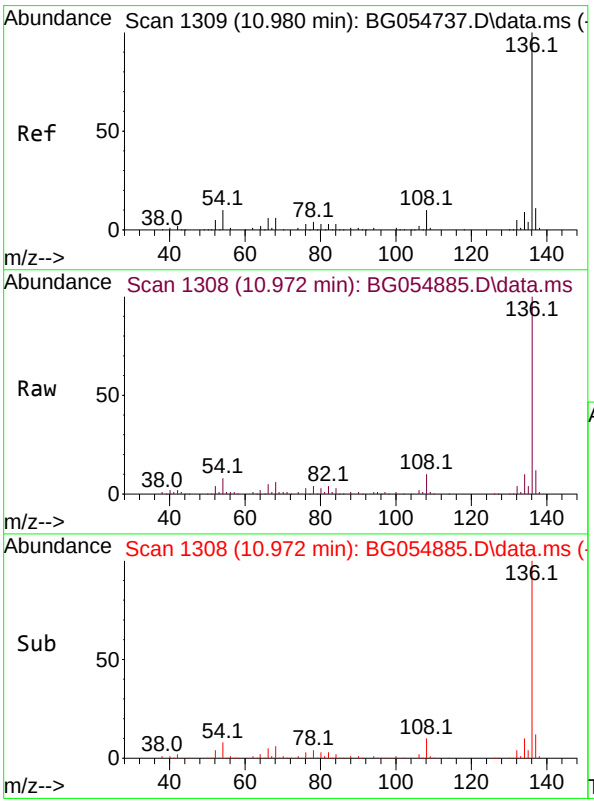
#20
3+4-Methylphenols
Concen: 122.935 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:107 Resp: 330568

Ion	Ratio	Lower	Upper
107	100		
108	80.1	71.6	111.6
77	28.8	13.1	53.1
79	20.5	7.9	47.9

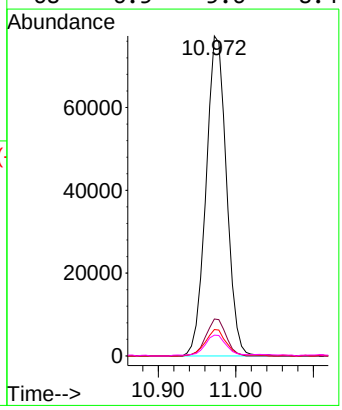


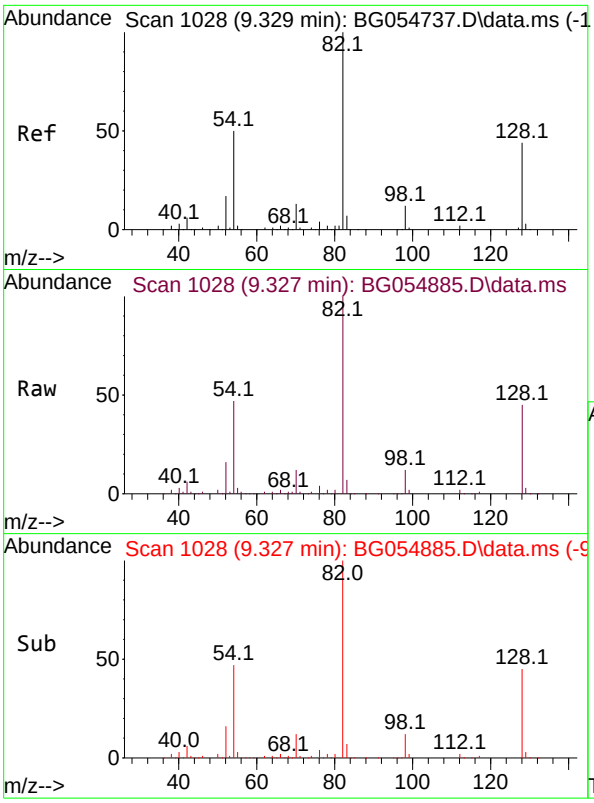


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:136 Resp: 141630

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.2	7.7	11.5
68	6.5	5.6	8.4



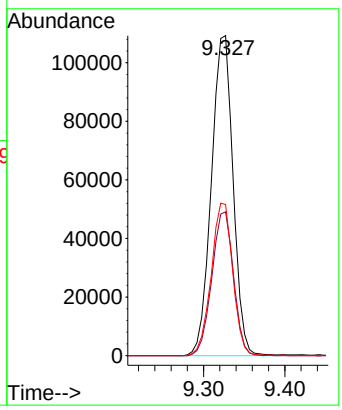


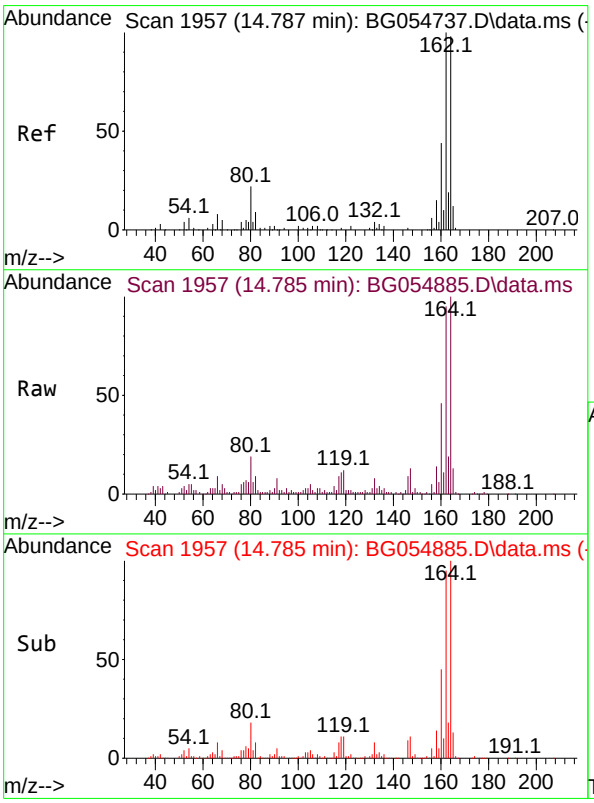
#23
Nitrobenzene-d5
Concen: 75.084 ng
RT: 9.327 min Scan# 10
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion: 82 Resp: 202570

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.2	48.2
54	47.2	41.4	62.0

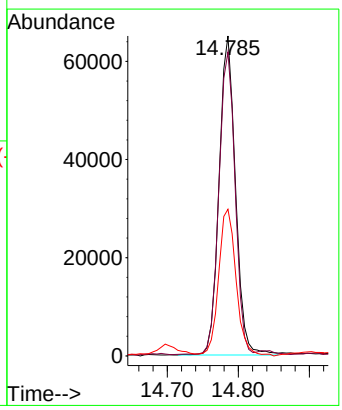


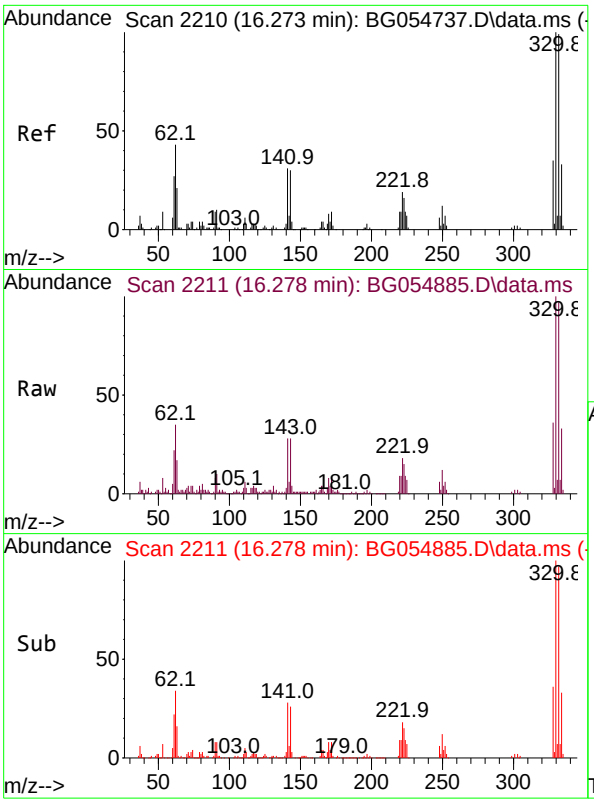


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:164 Resp: 104708

Ion	Ratio	Lower	Upper
164	100		
162	94.9	83.0	124.4
160	45.8	38.0	57.0



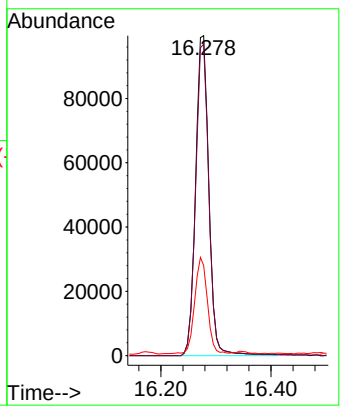


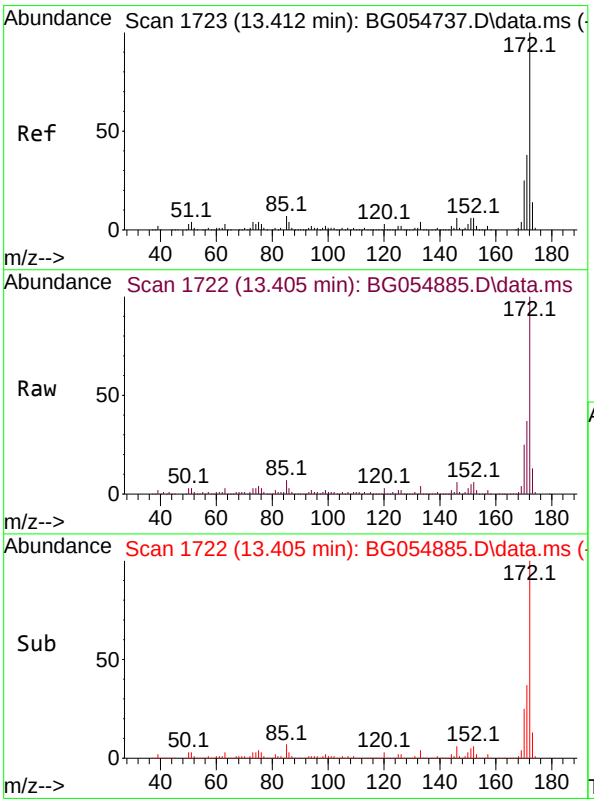
#42
2,4,6-Tribromophenol
Concen: 127.332 ng
RT: 16.278 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:330 Resp: 166600

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.8	119.6
141	29.2	26.8	40.2

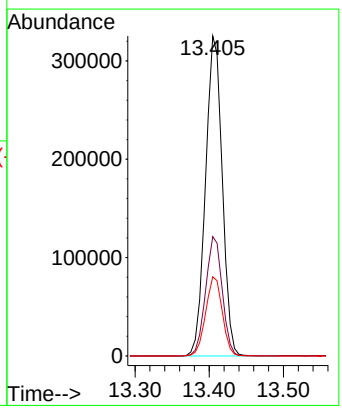


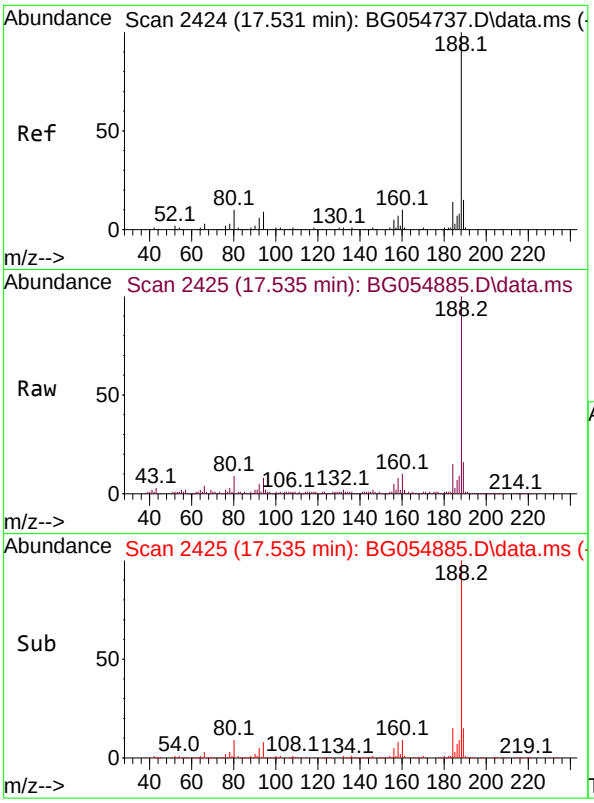


#45
2-Fluorobiphenyl
Concen: 73.008 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:172 Resp: 508611

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.2	46.8
170	24.7	20.6	30.8



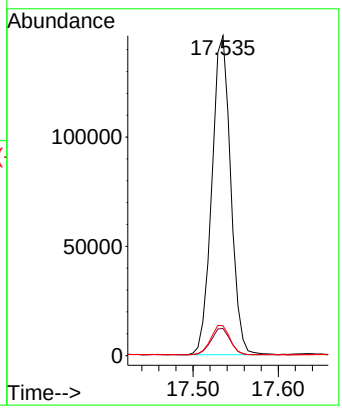


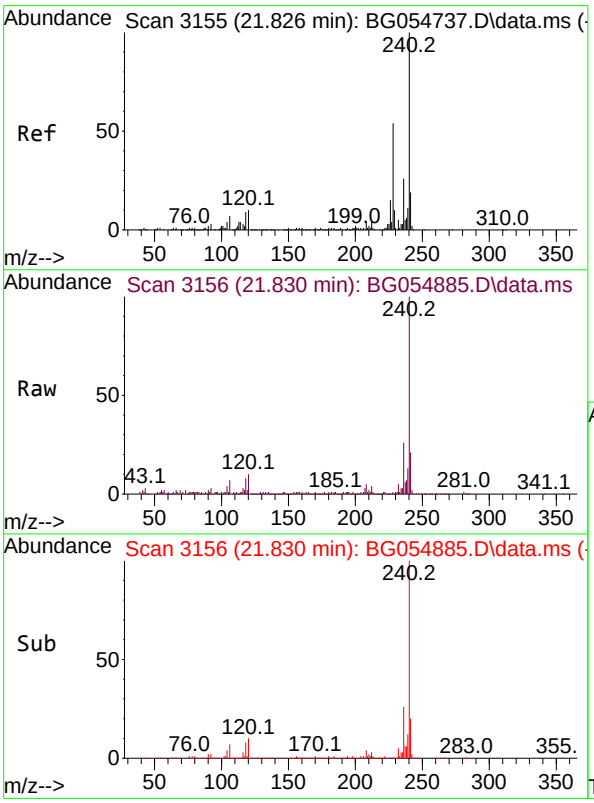
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:188 Resp: 223870

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.3	7.9	11.9

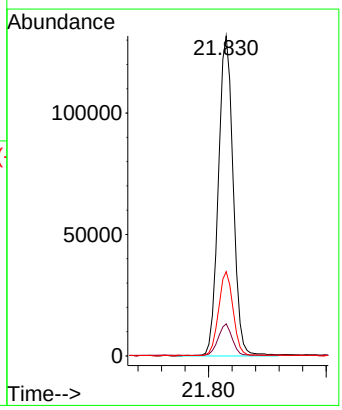


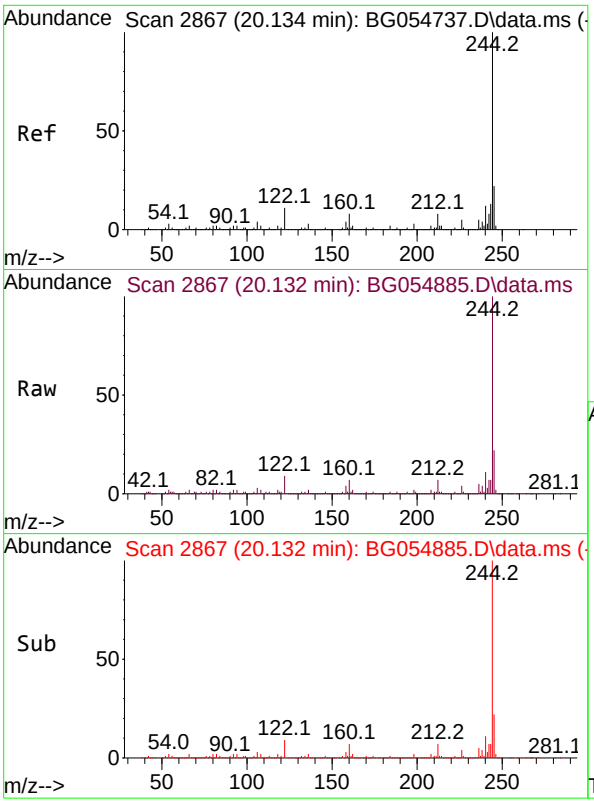


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:240 Resp: 229977

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.4
236	26.3	21.2	31.8



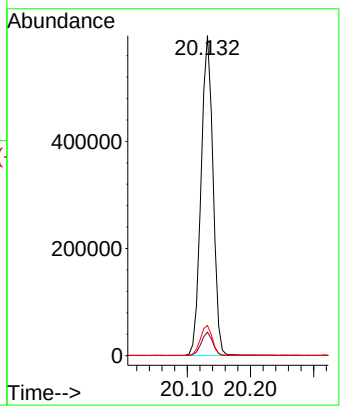


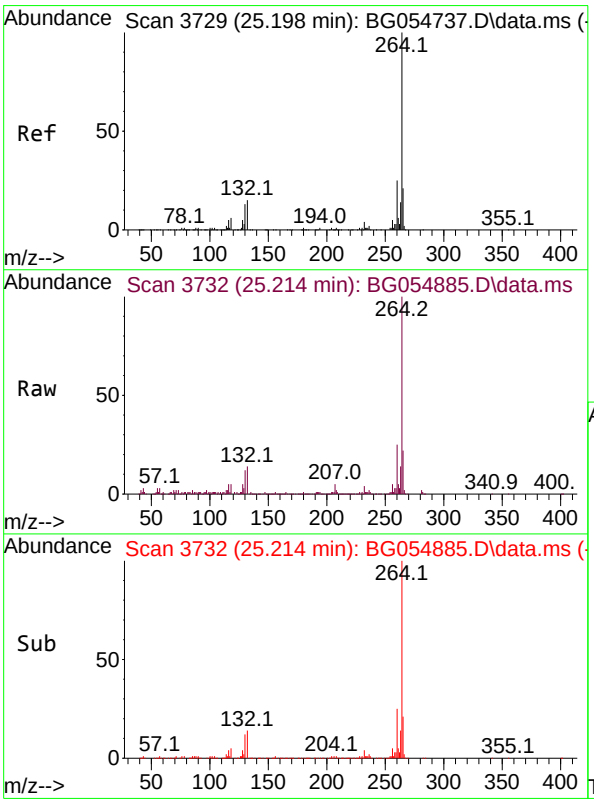
#79
Terphenyl-d14
Concen: 67.496 ng
RT: 20.132 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:244 Resp: 783419

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.4	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.214 min Scan# 3732
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:264 Resp: 243519

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.7	16.9	25.3