Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046289.D
Acq On : 15 Aug 2020 00:04
Operator : CG/JU
Sample : L3639-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-J08

Quant Time: Aug 17 06:05:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112667	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	470264	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	319172	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	678185	20.00	ng	0.00
76) Chrysene-d12	21.57	240	648479	20.00	ng	0.00
86) Perylene-d12	24.68	264	693264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468218	72.24	ng	0.00
7) Phenol-d6	7.12	99	632656	71.62	ng	0.00
23) Nitrobenzene-d5	9.10	82	430672	49.58	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	361185	73.67	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	928299	42.25	ng	0.00
79) Terphenyl-d14	19.93	244	1145769	35.98	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.71	107	18191	2.218	ng	85
50) Dimethylphthalate	14.02	163	154566	6.310	ng	99
75) Fluoranthene	19.37	202	131802	2.842	ng	96
78) Pyrene	19.73	202	126423	2.902	ng	94

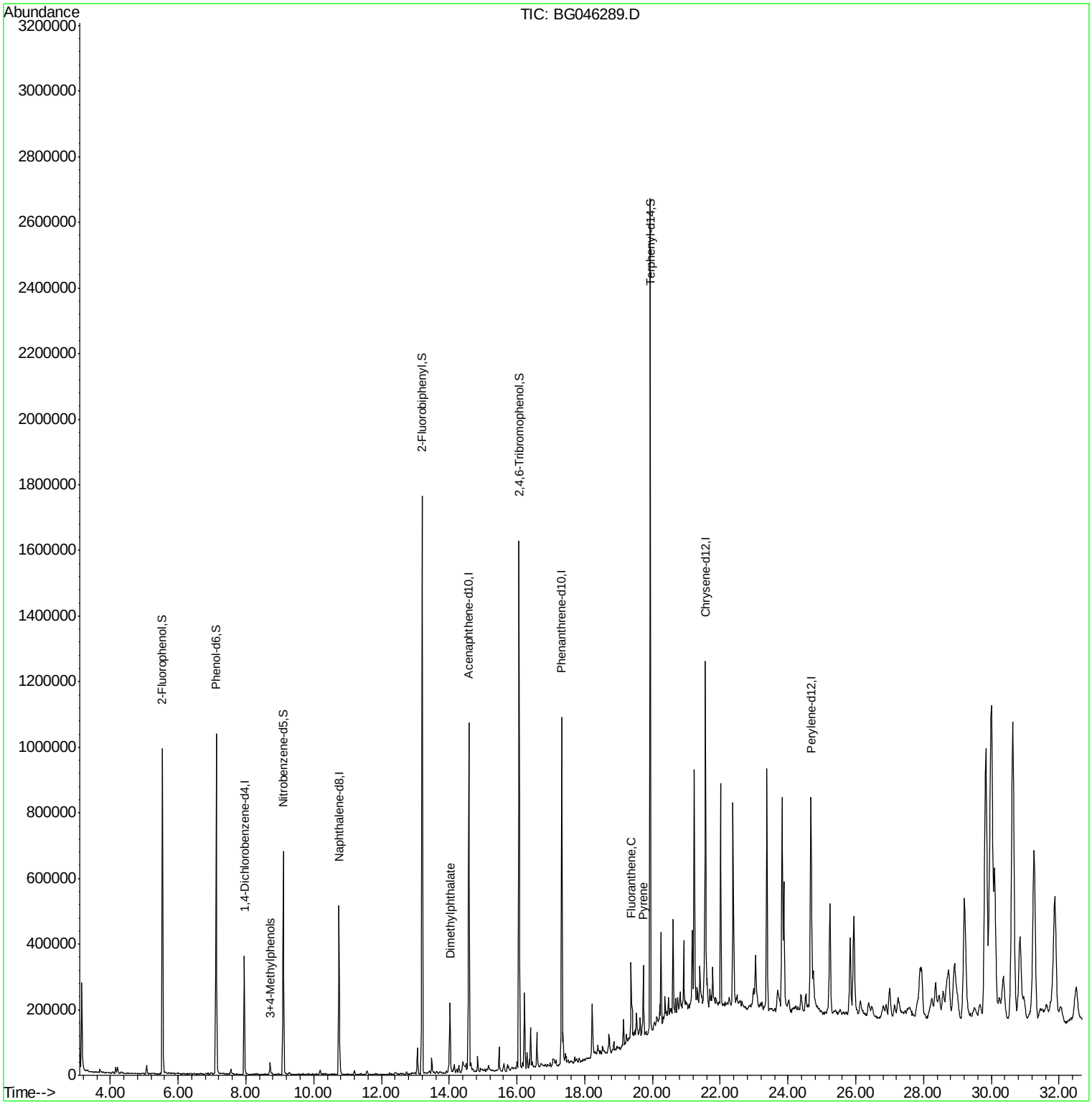
(#) = qualifier out of range (m) = manual integration (+) = signals summed

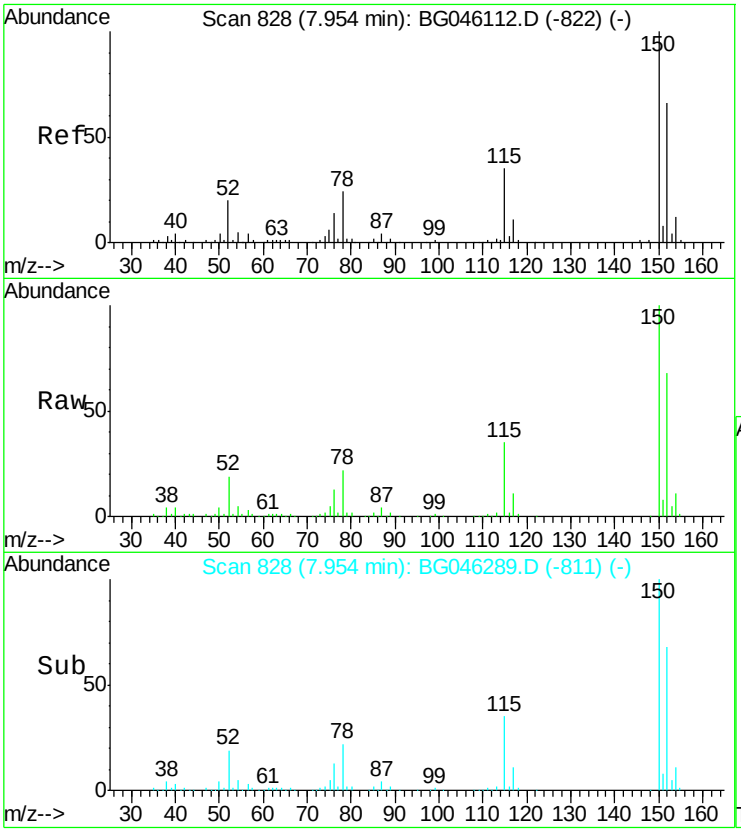
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046289.D
Acq On : 15 Aug 2020 00:04
Operator : CG/JU
Sample : L3639-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-J08

Quant Time: Aug 17 06:05:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



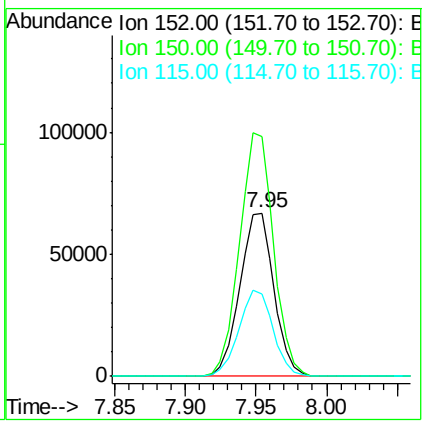


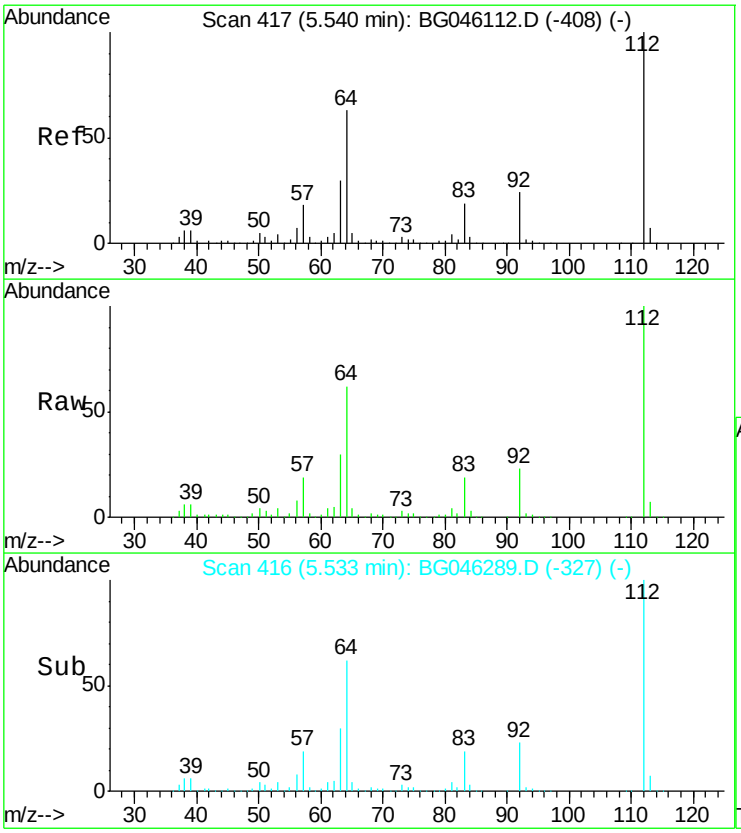
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:152 Resp: 112667

Ion	Ratio	Lower	Upper
152	100		
150	147.4	122.1	183.1
115	50.9	43.2	64.8

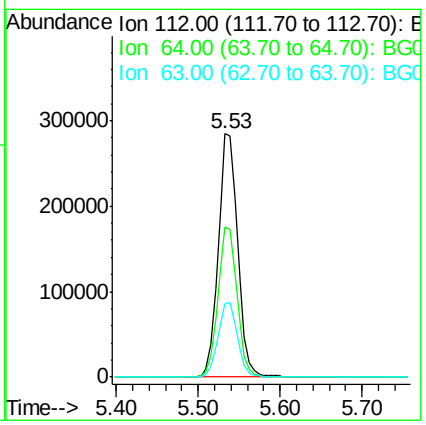


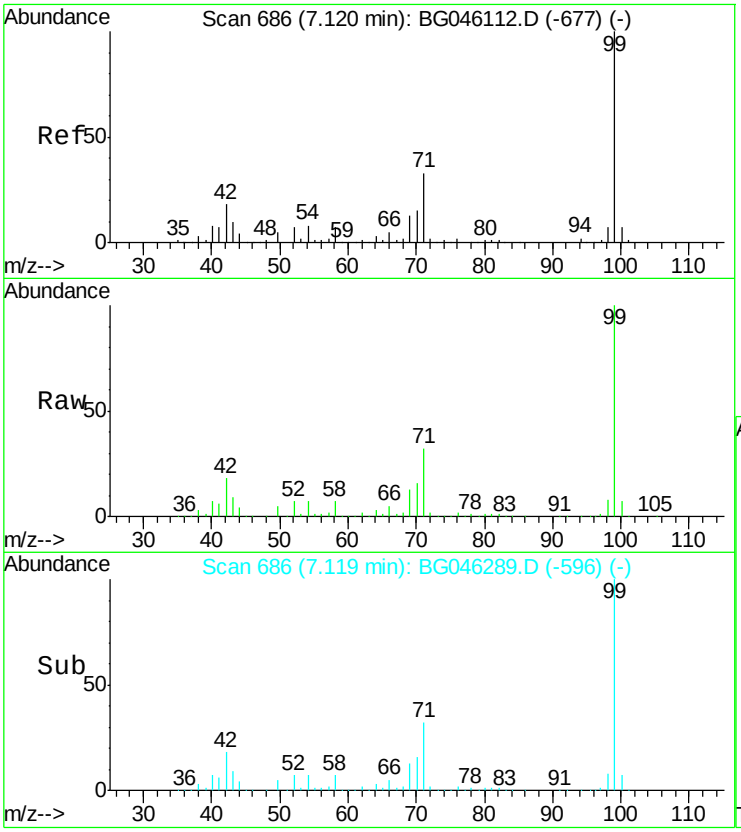


#5
2-Fluorophenol
Concen: 72.243 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:112 Resp: 468218

Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	30.4	24.2	36.4



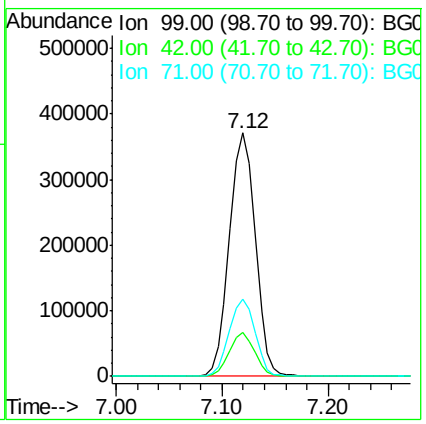


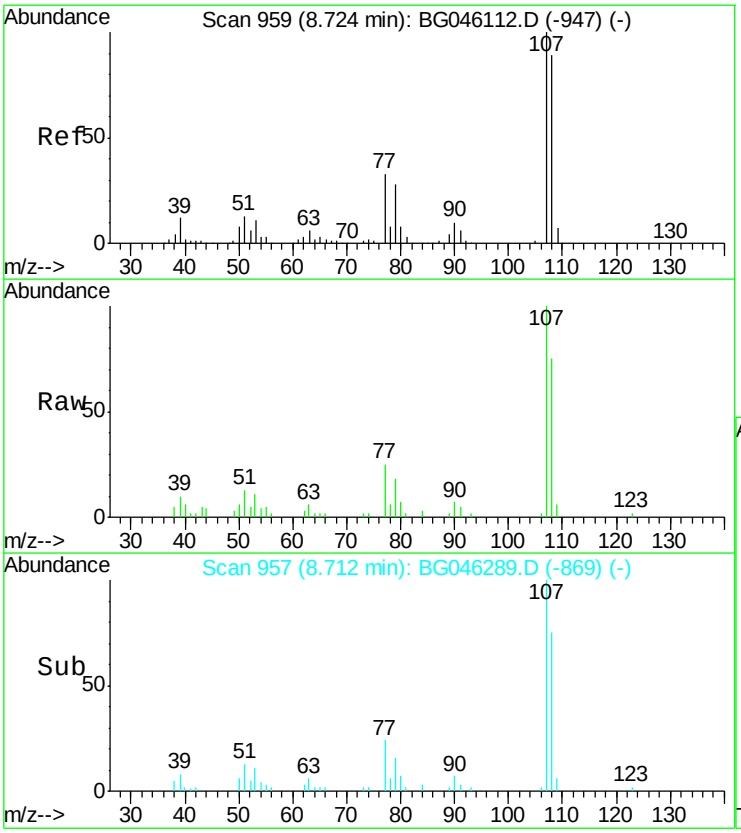
#7
Phenol-d6
Concen: 71.624 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion: 99 Resp: 632656

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.7	22.1
71	31.9	26.5	39.7

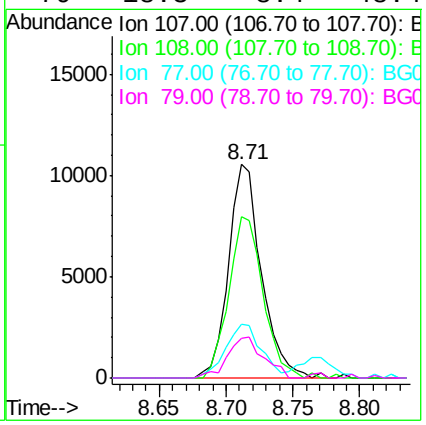


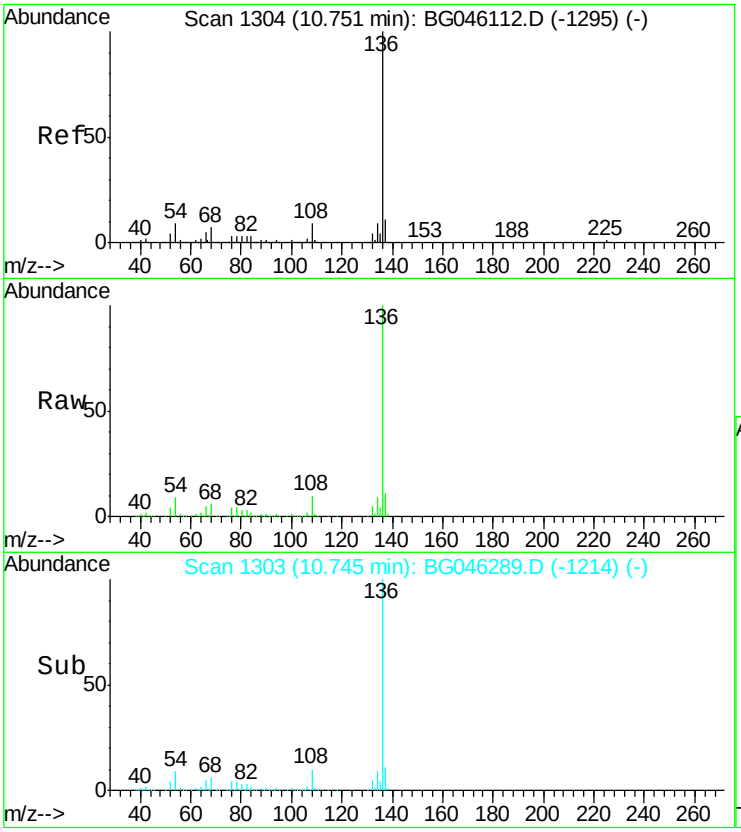


#20
3+4-Methylphenols
Concen: 2.218 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:107 Resp: 18191

Ion	Ratio	Lower	Upper
107	100		
108	75.3	69.1	109.1
77	25.2	12.5	52.5
79	18.3	8.4	48.4



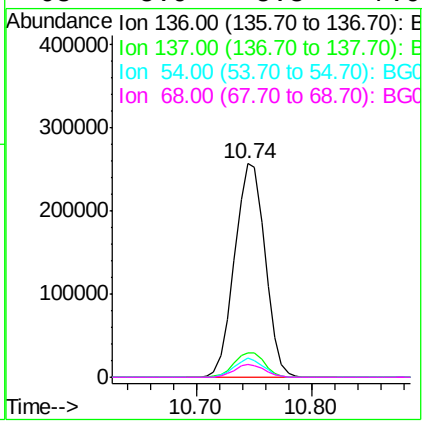


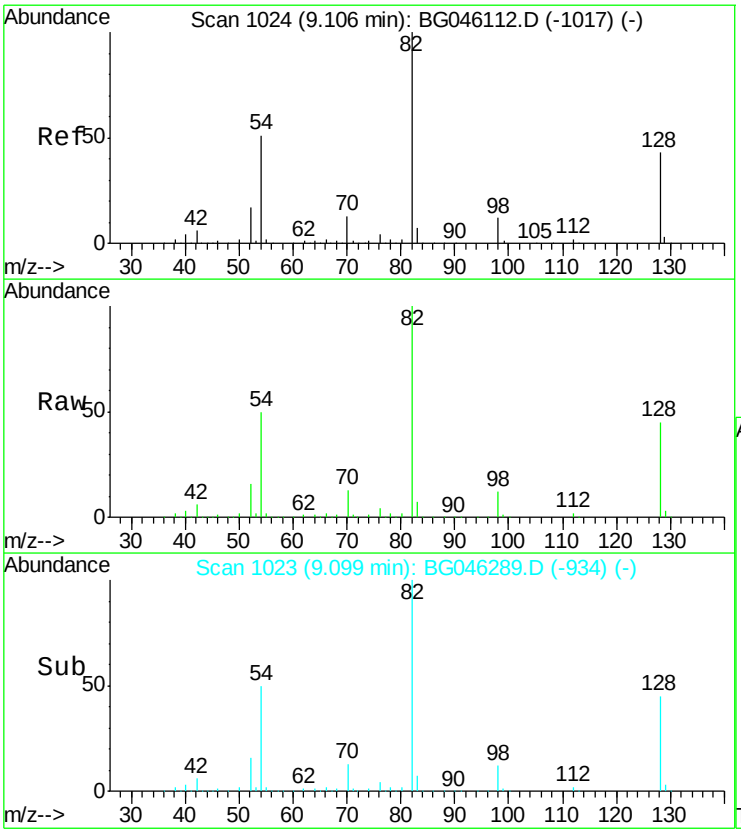
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:136 Resp: 470264

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.8	7.0	10.4
68	5.9	5.3	7.9

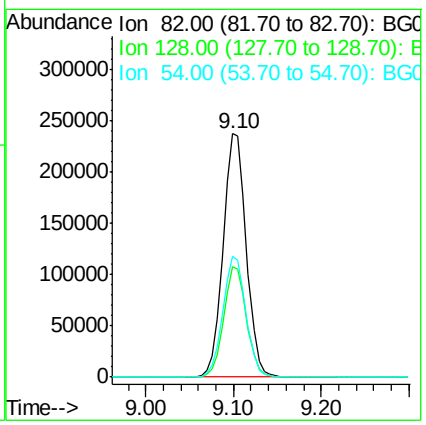


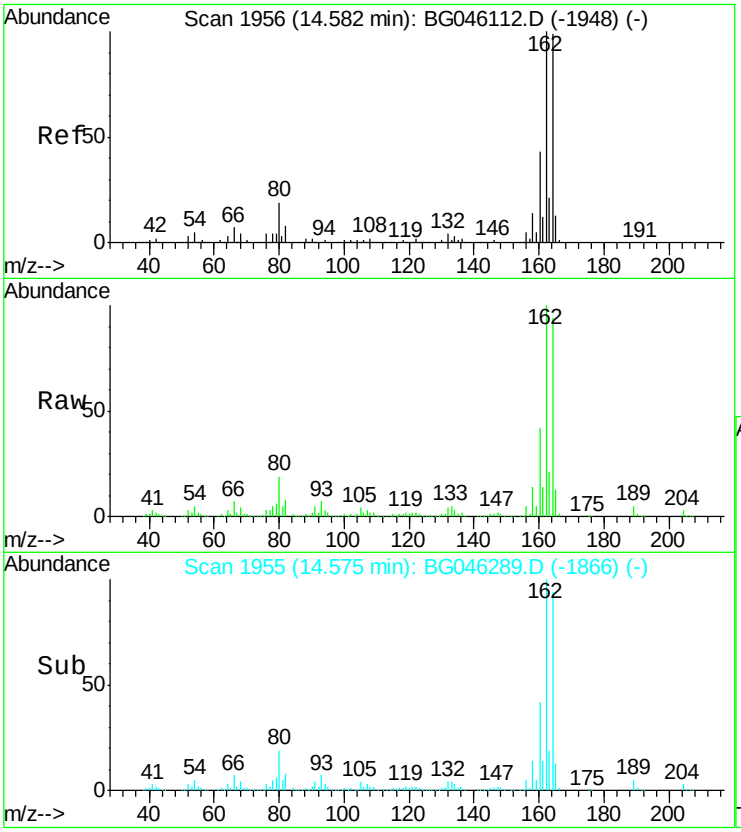


#23
Nitrobenzene-d5
Concen: 49.584 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion: 82 Resp: 430672

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	49.6	40.8	61.2



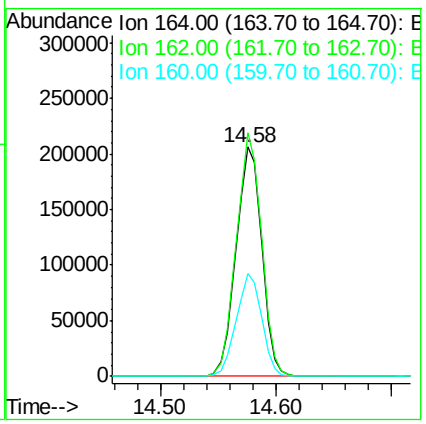


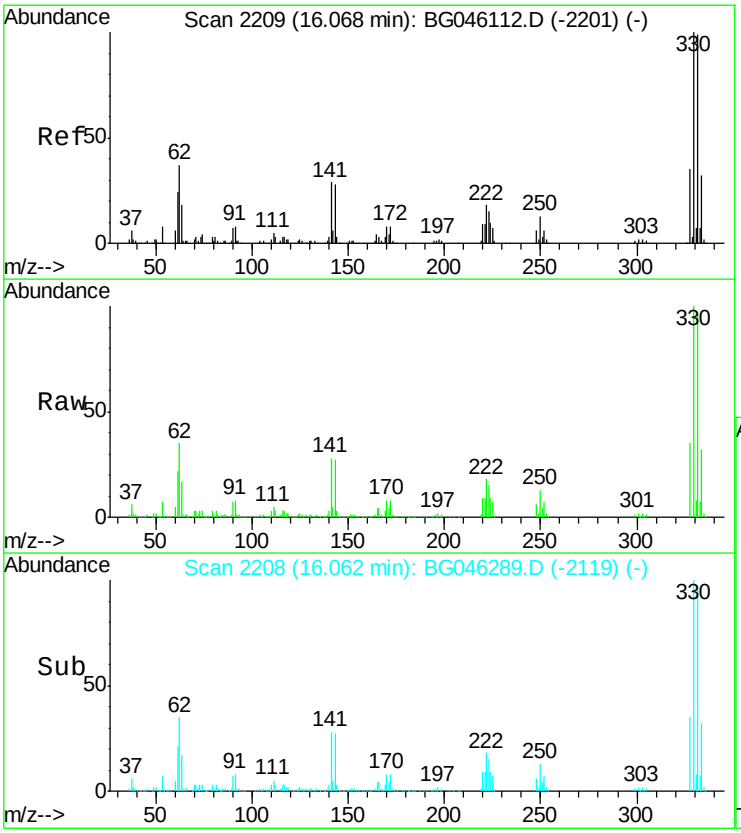
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:164 Resp: 319172

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.6	121.0
160	44.6	34.9	52.3

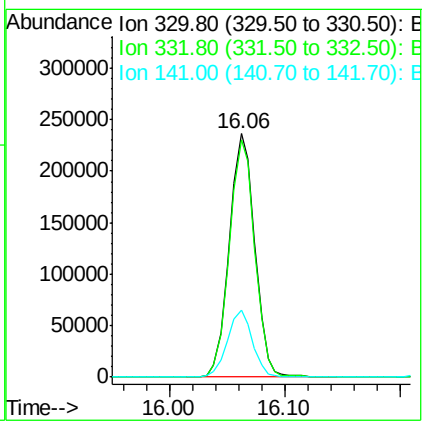


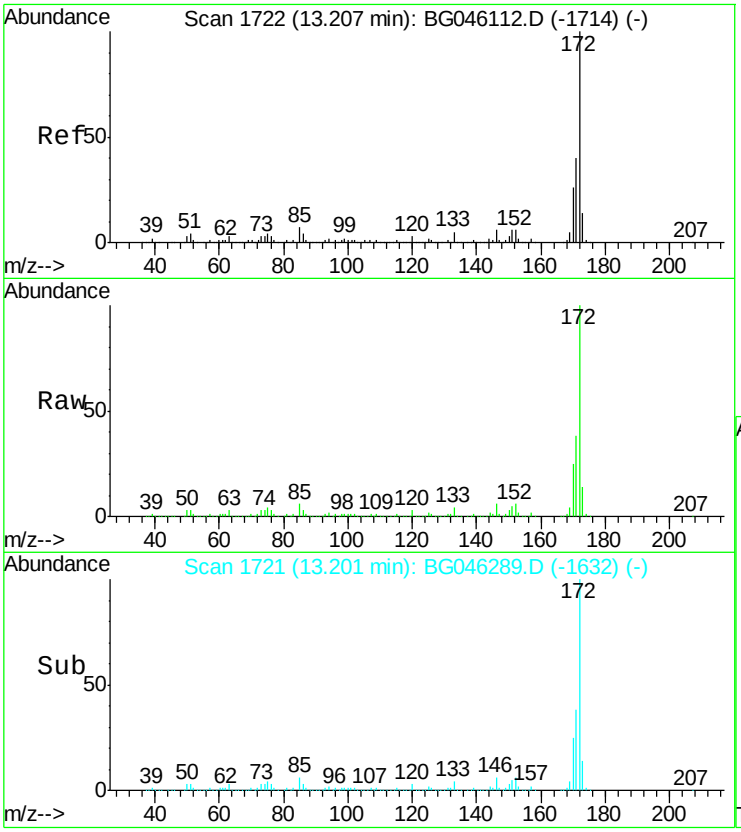


#42
2,4,6-Tribromophenol
Concen: 73.675 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:330 Resp: 361185

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	27.1	23.4	35.0



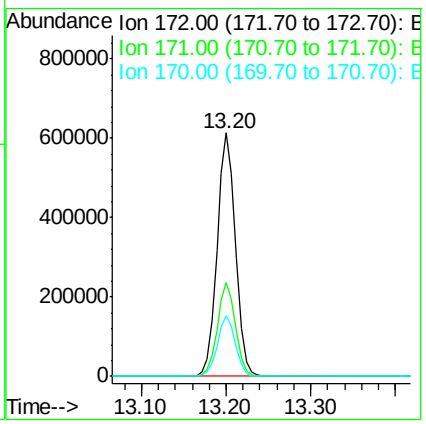


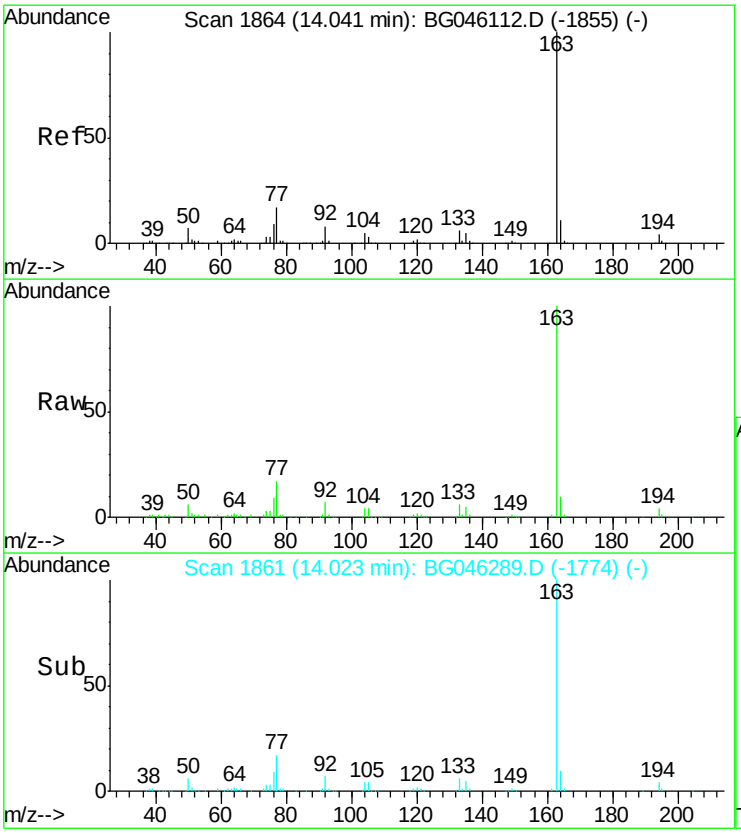
#45
2-Fluorobiphenyl
Concen: 42.249 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:172 Resp: 928299

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.7	47.5
170	25.1	20.9	31.3

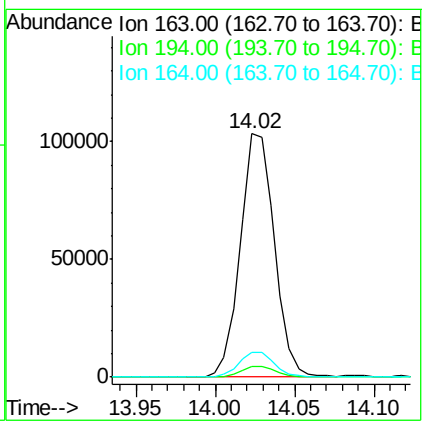


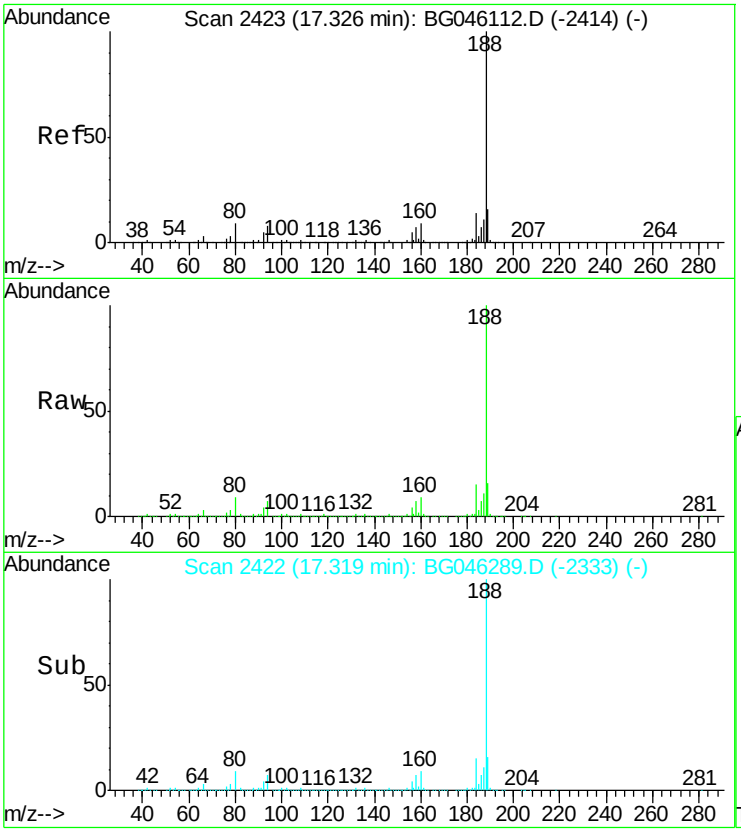


#50
Dimethylphthalate
Concen: 6.310 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:163 Resp: 154566

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.8	13.2



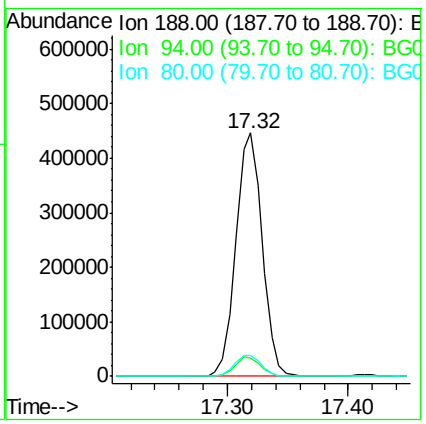


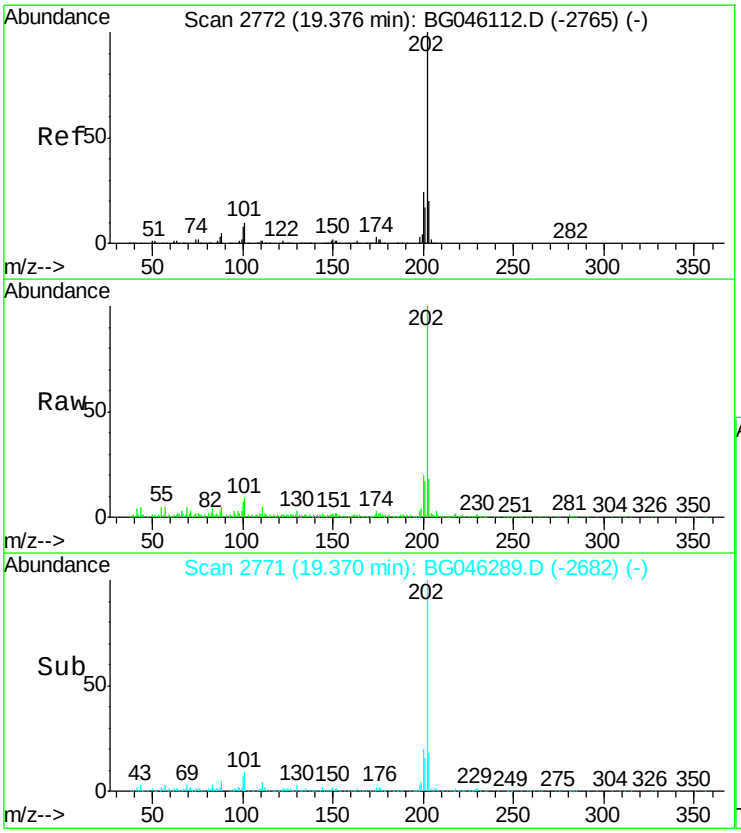
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:188 Resp: 678185

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.4	9.6
80	8.7	7.4	11.0

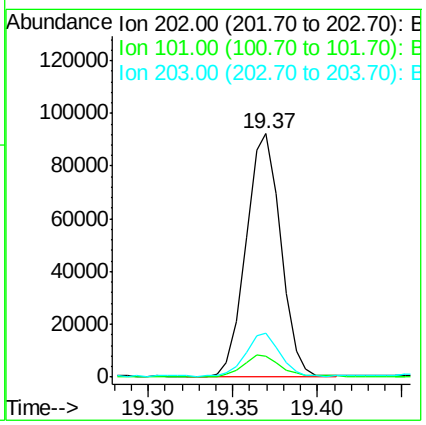


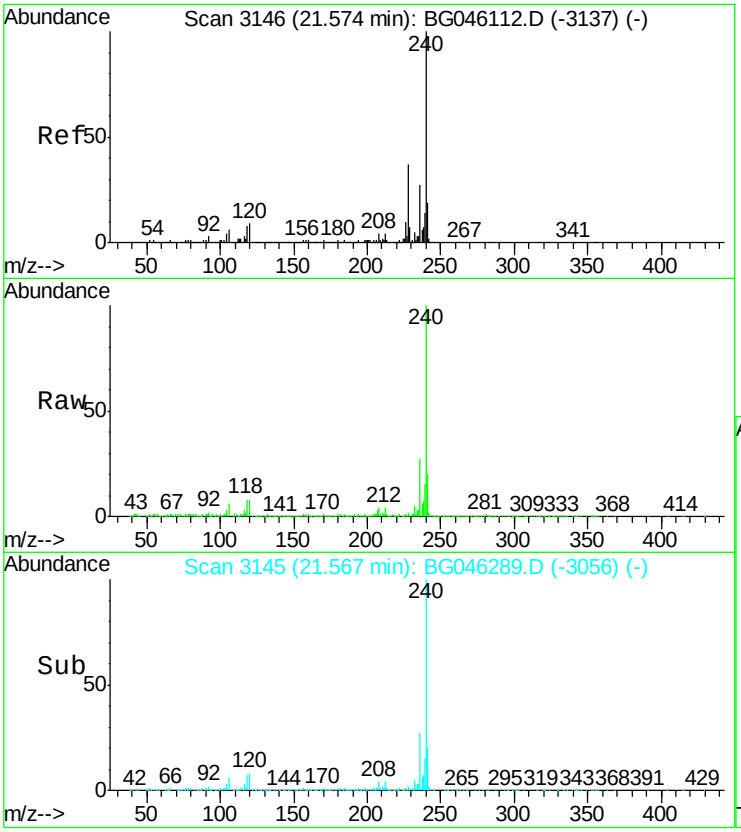


#75
Fluoranthene
Concen: 2.842 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:202 Resp: 131802

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.0	0.2	40.2



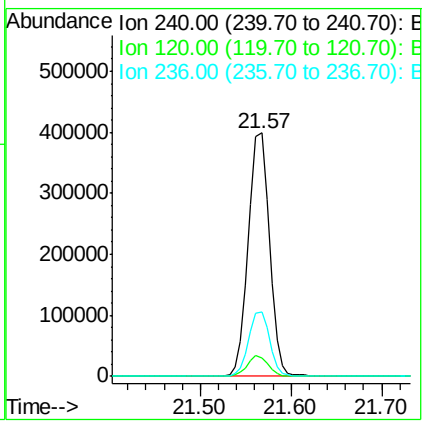


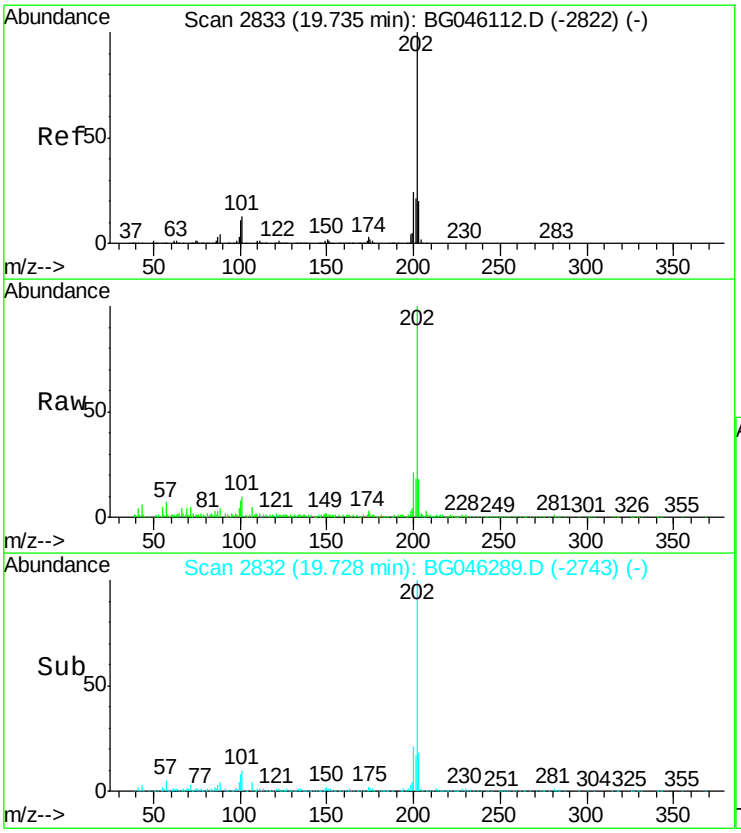
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:240 Resp: 648479

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.1	10.7
236	26.6	21.7	32.5

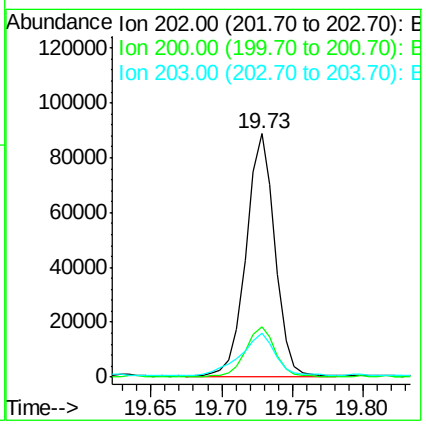


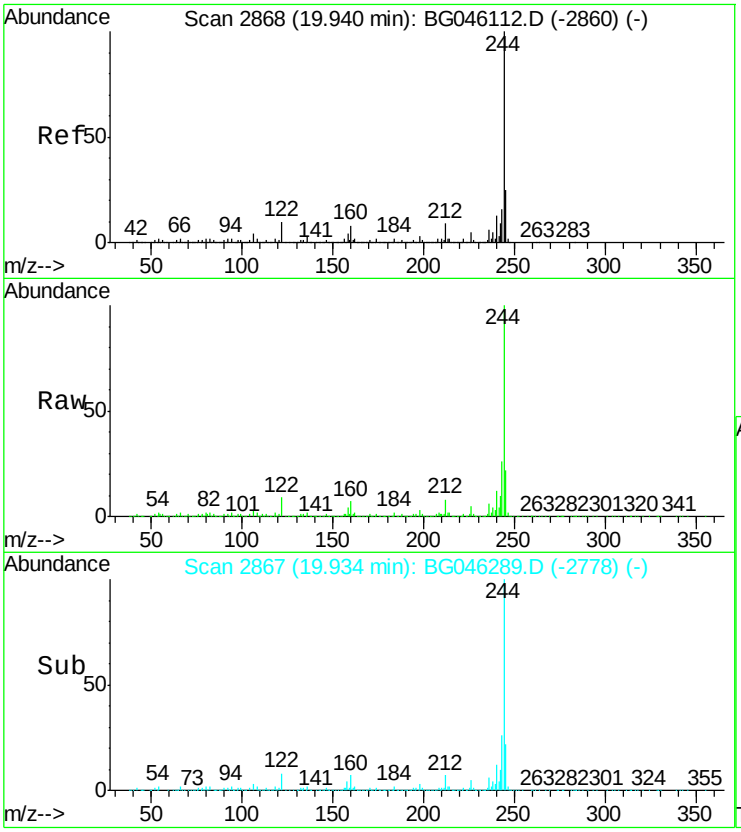


#78
Pyrene
Concen: 2.902 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:202 Resp: 126423

Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.5	29.3
203	18.3	16.2	24.2



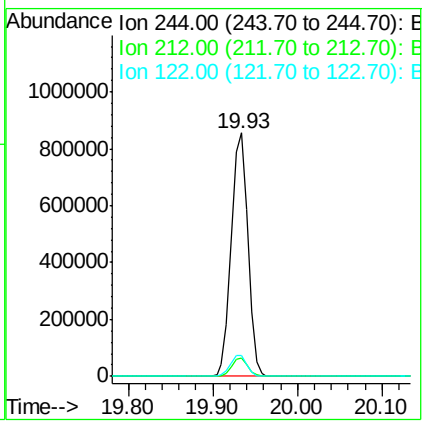


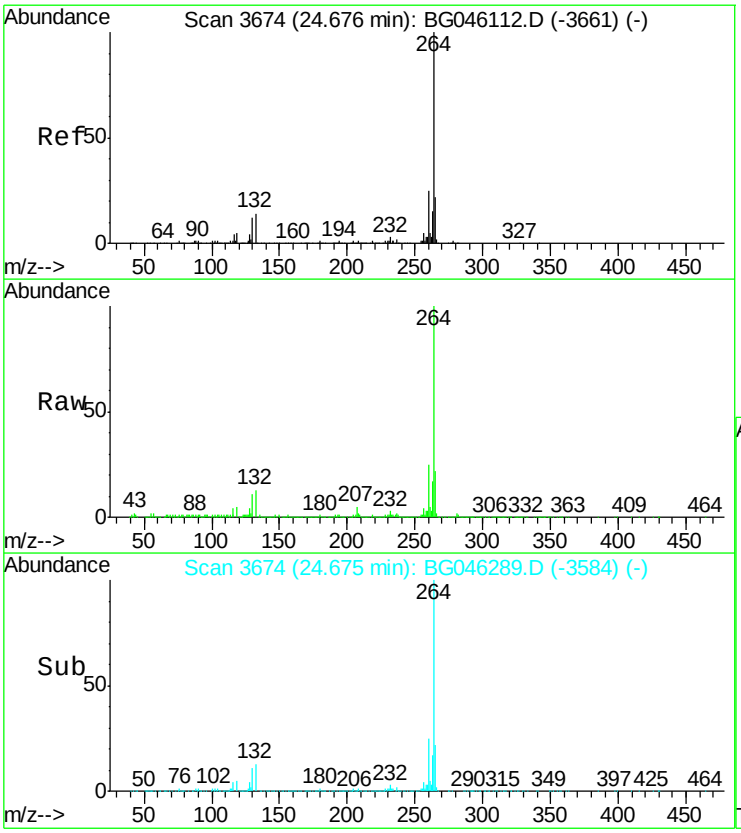
#79
Terphenyl-d14
Concen: 35.984 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Instrument :
BNA_G
ClientSampleId :
MH-J08

Tgt Ion:244 Resp: 1145769

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.2	10.8
122	8.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046289.D
Acq: 15 Aug 2020 00:04

Tgt Ion:264 Resp: 693264

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.4	17.6	26.4