Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046194.D
Acq On : 7 Aug 2020 15:34
Operator : CG/JU
Sample : L3594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Aug 07 17:31:37 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	101537	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	391952	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	259761	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	630351	20.00	ng	0.00
76) Chrysene-d12	21.56	240	701835	20.00	ng	-0.01
86) Perylene-d12	24.67	264	730973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	736195	126.04	ng	0.00
7) Phenol-d6	7.12	99	947353	119.01	ng	0.00
23) Nitrobenzene-d5	9.10	82	621105	85.80	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	588483	147.49	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1479727	82.75	ng	0.00
79) Terphenyl-d14	19.93	244	2325300	67.48	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.03	163	281850	14.137	ng	99

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

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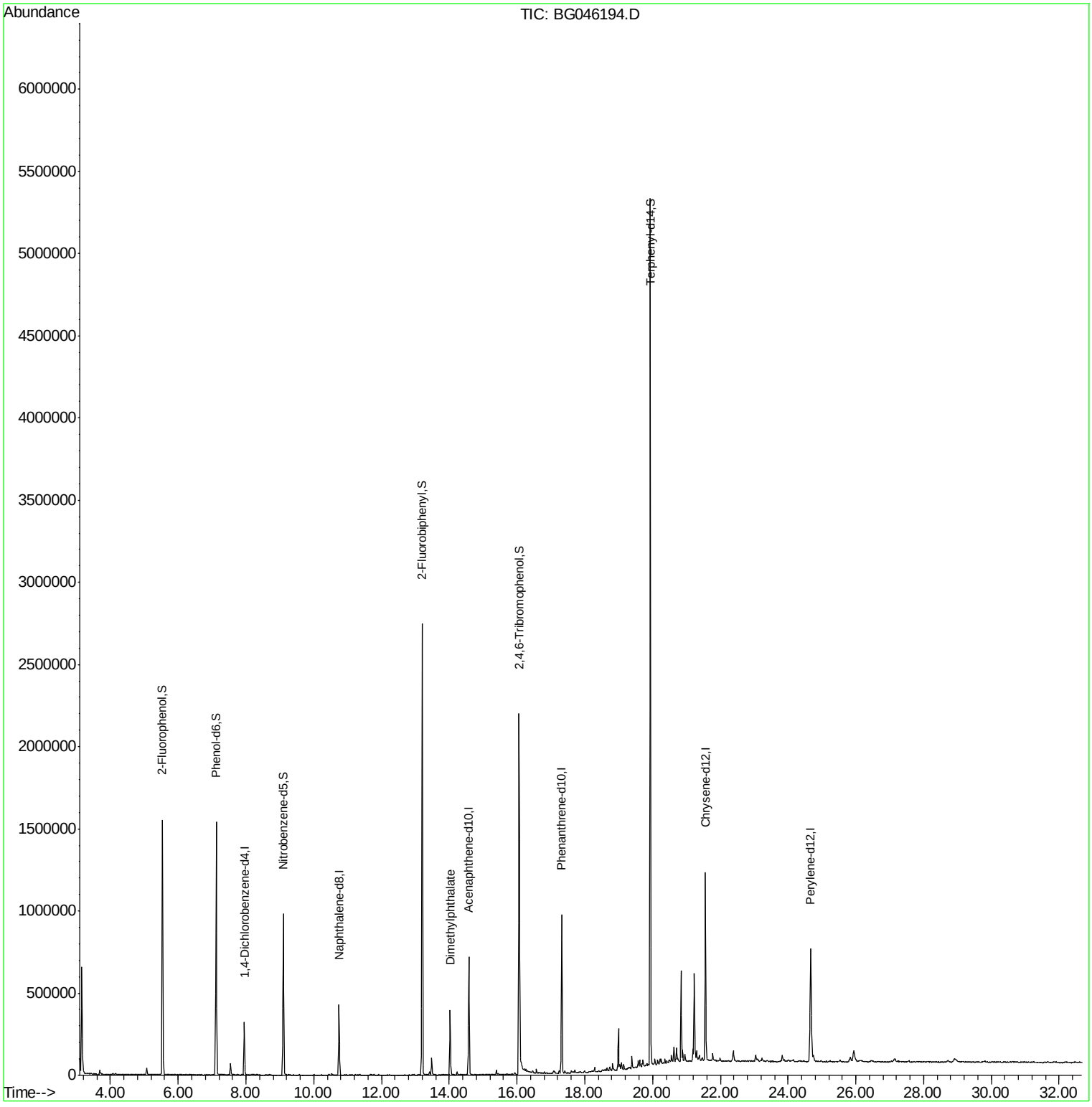
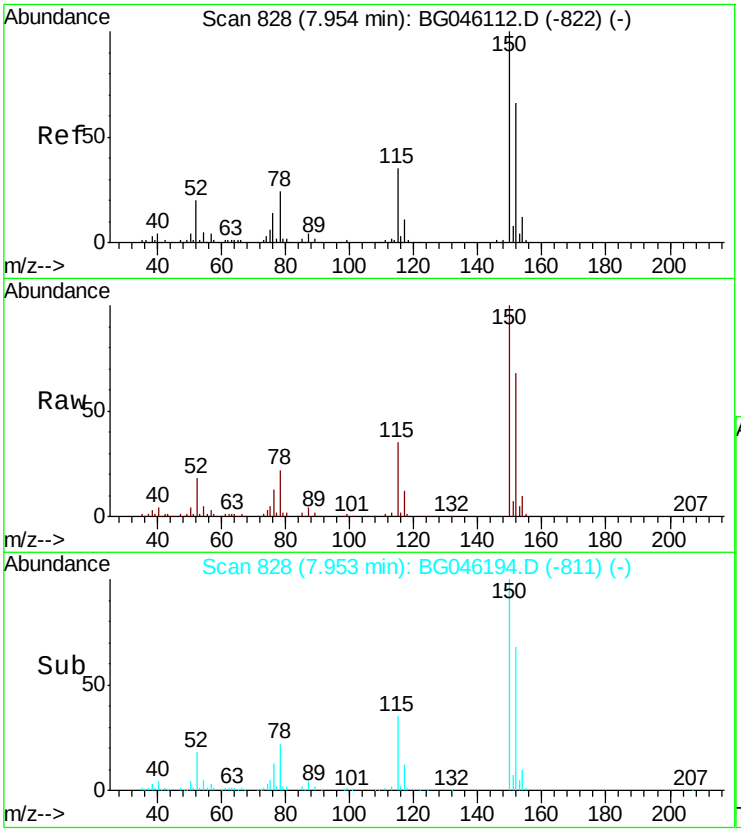


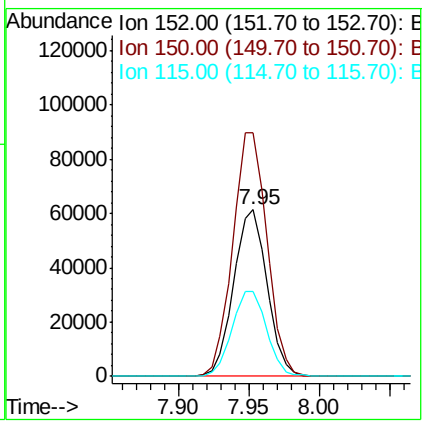


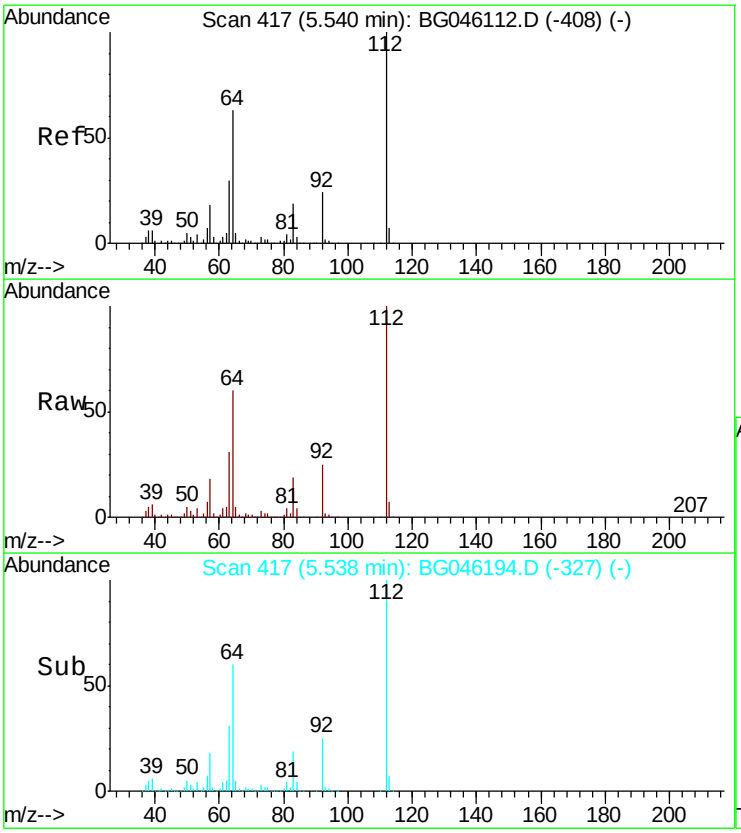
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 101537

Ion	Ratio	Lower	Upper
152	100		
150	146.1	122.1	183.1
115	51.2	43.2	64.8

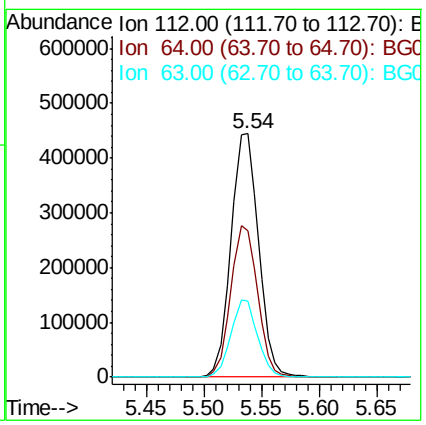


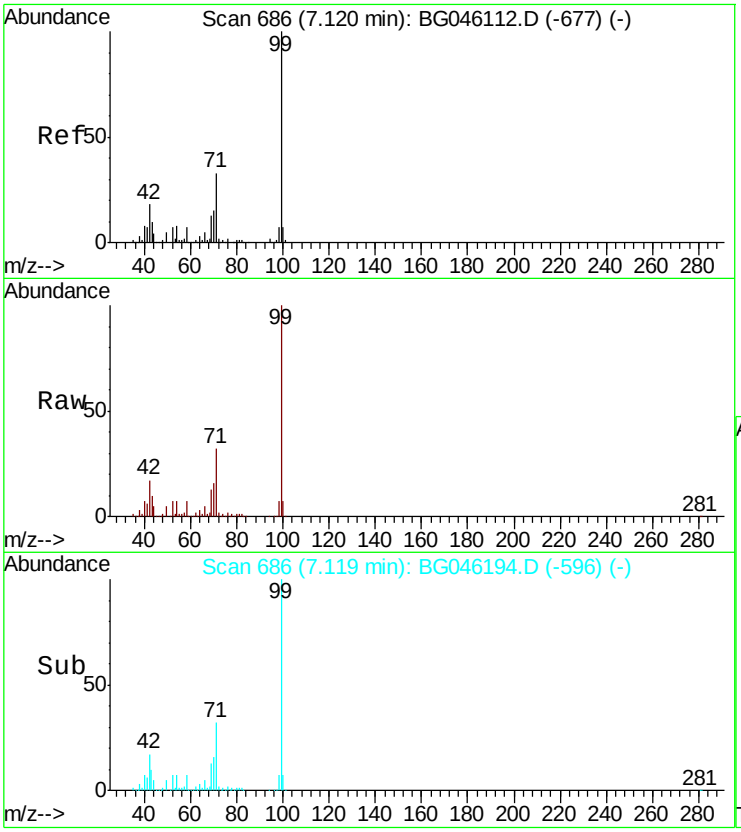


#5
2-Fluorophenol
Concen: 126.041 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:112 Resp: 736195

Ion	Ratio	Lower	Upper
112	100		
64	60.1	50.2	75.2
63	31.1	24.2	36.4



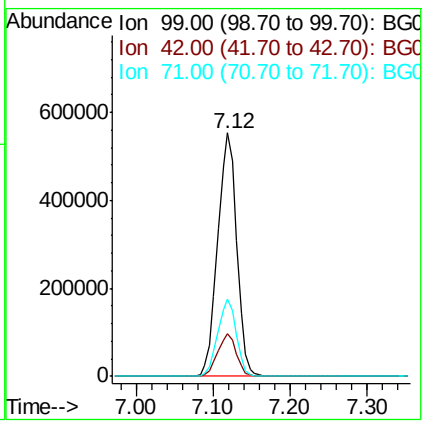


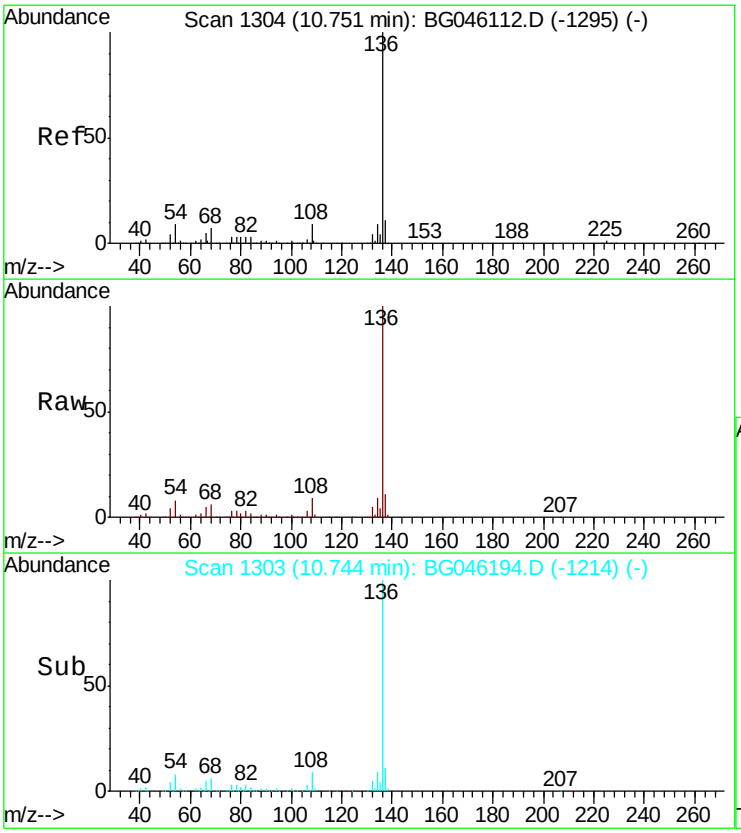
#7
Phenol-d6
Concen: 119.008 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 947353

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.7	22.1
71	31.7	26.5	39.7

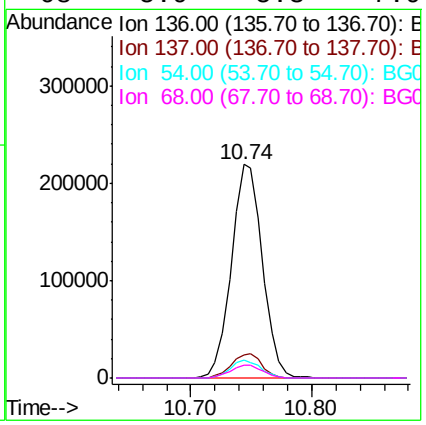


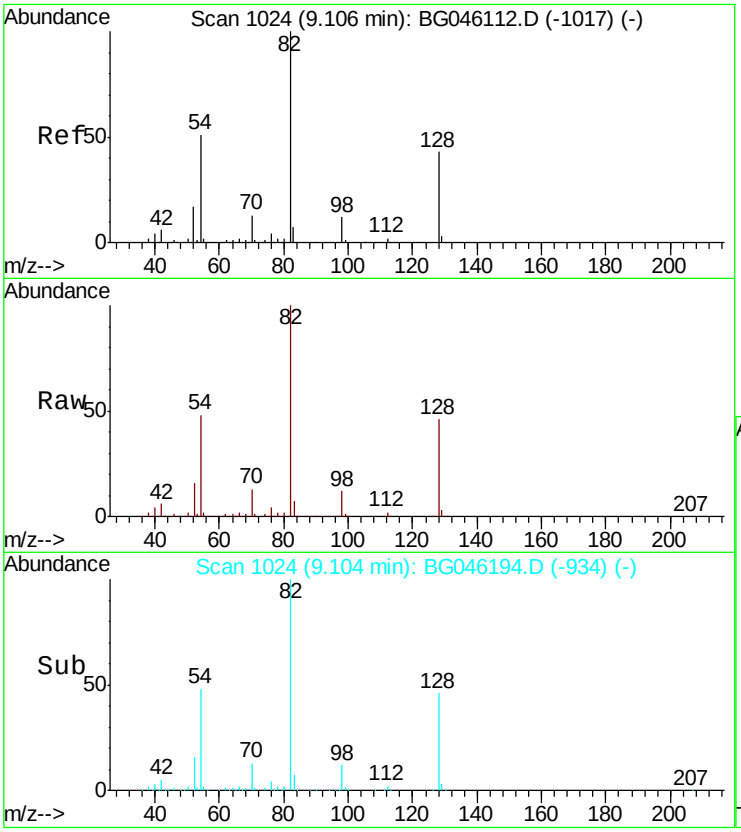


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:136 Resp: 391952

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	7.0	10.4
68	5.9	5.3	7.9



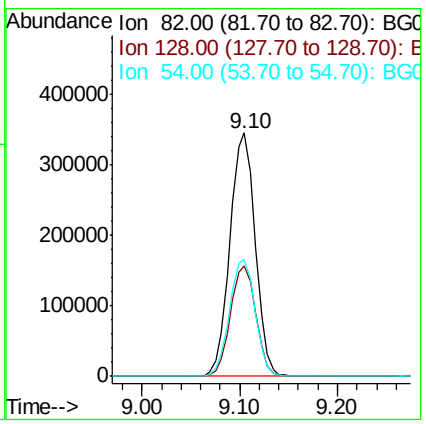


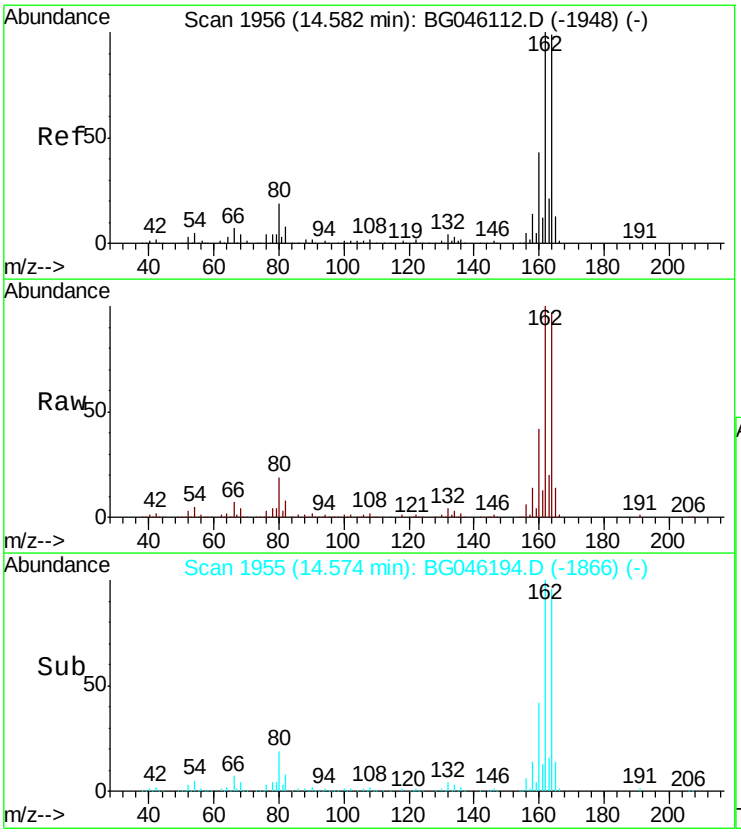
#23
Nitrobenzene-d5
Concen: 85.797 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 621105

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	48.2	40.8	61.2

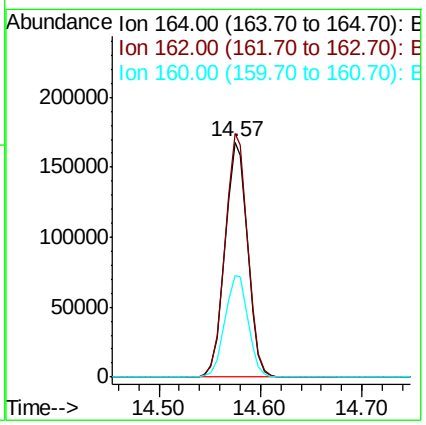


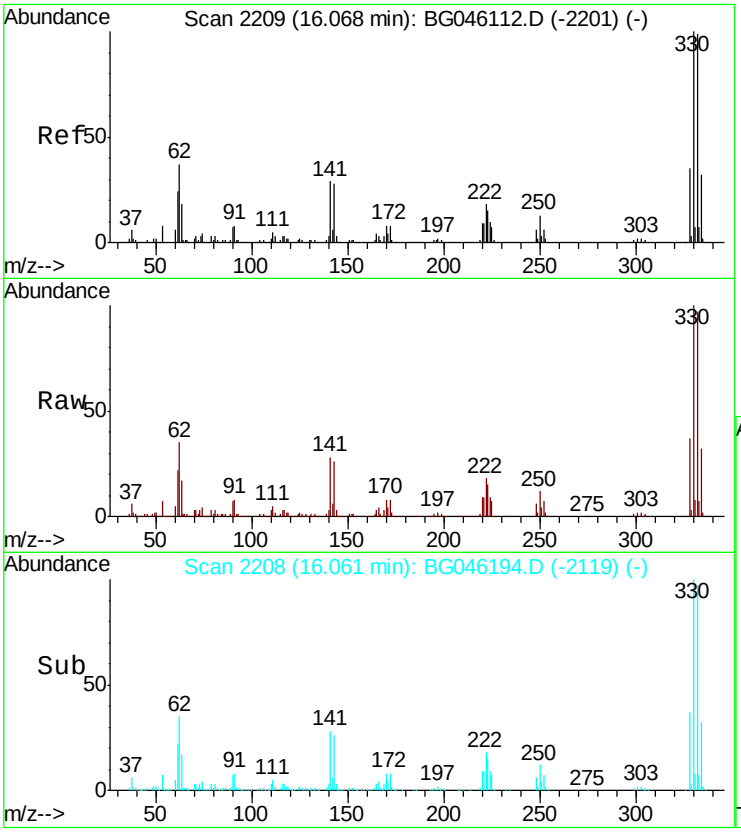


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:164 Resp: 259761

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	121.0
160	43.4	34.9	52.3



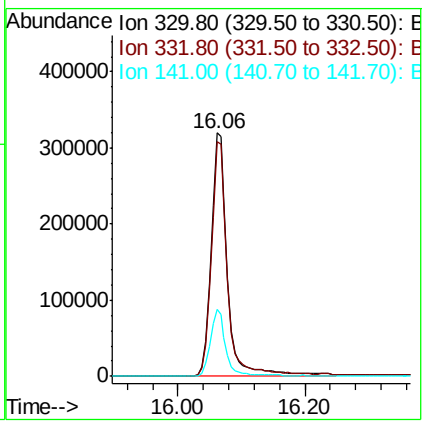


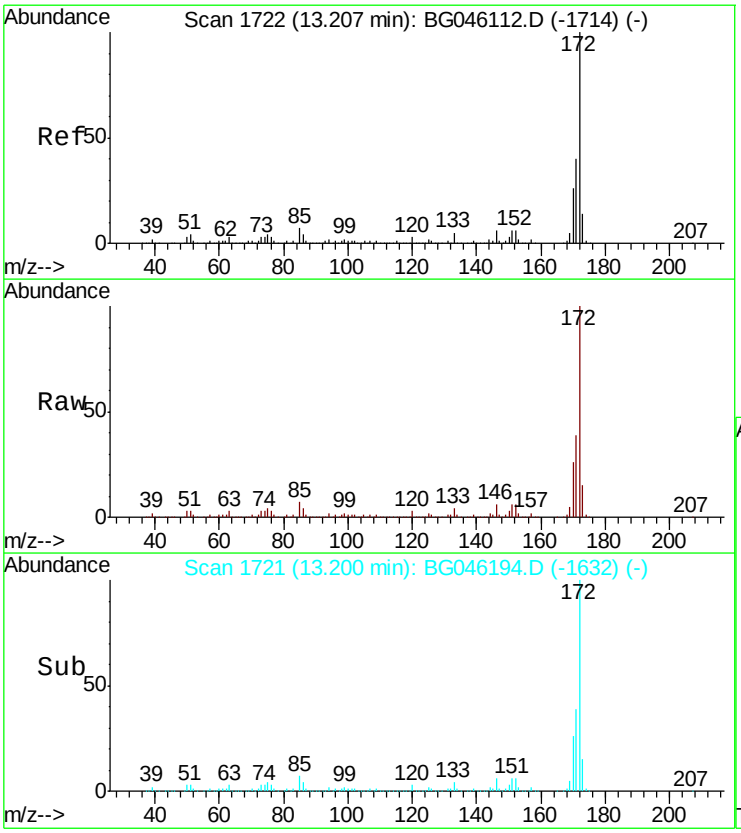
#42
2,4,6-Tribromophenol
Concen: 147.494 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 588483

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.4	116.2
141	26.0	23.4	35.0

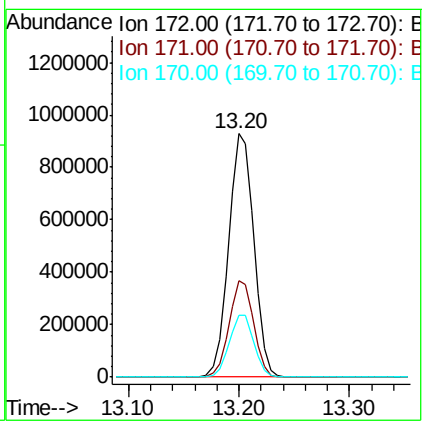


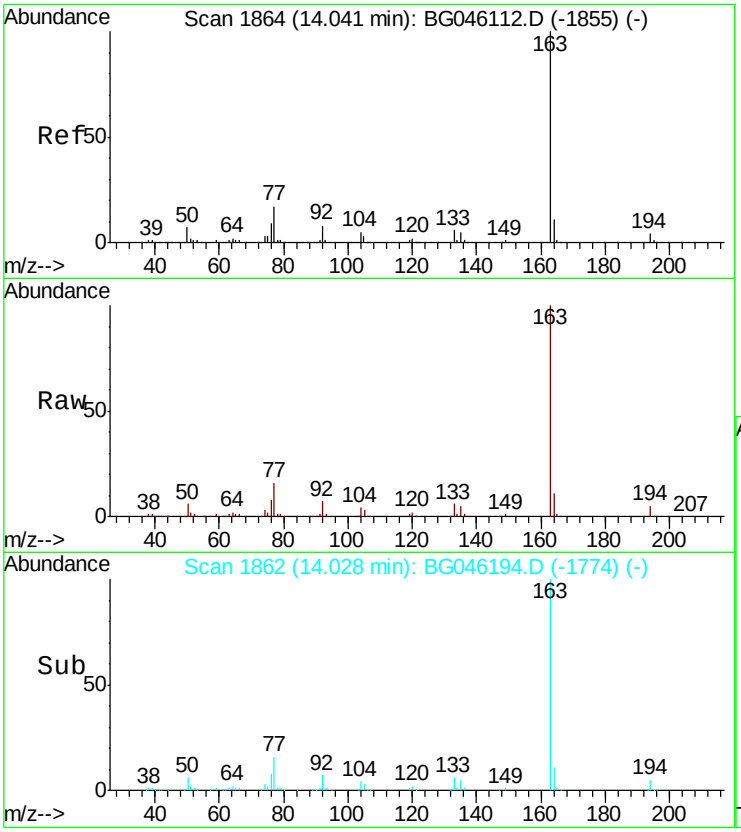


#45
2-Fluorobiphenyl
Concen: 82.749 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:172 Resp: 1479727

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.7	47.5
170	25.7	20.9	31.3



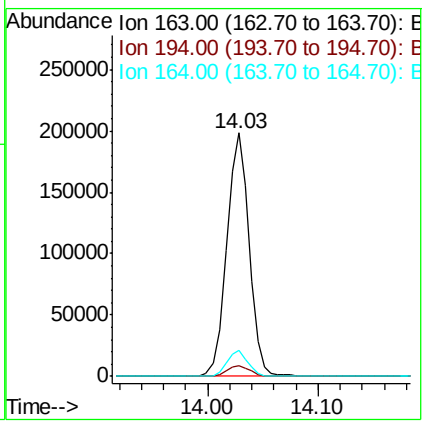


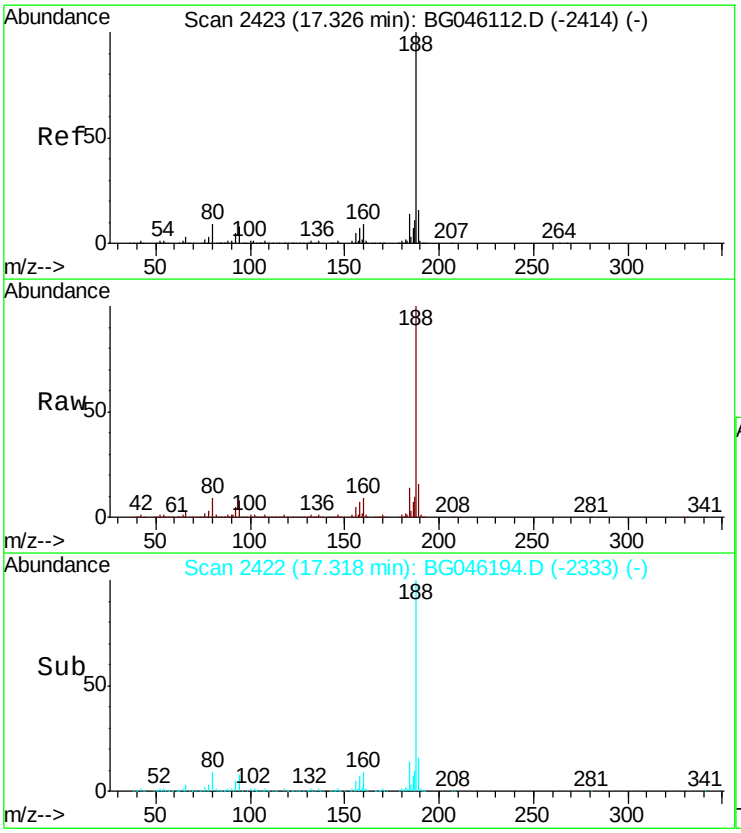
#50
Dimethylphthalate
Concen: 14.137 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 281850

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.5	8.8	13.2

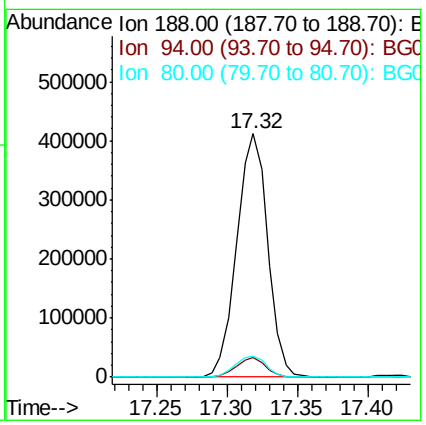


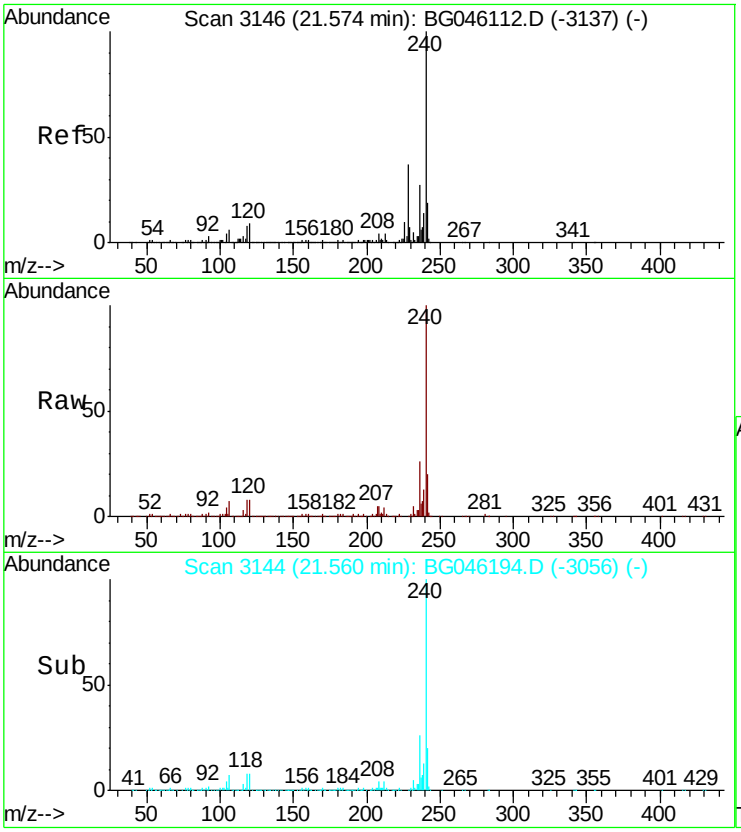


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:188 Resp: 630351

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.6	7.4	11.0



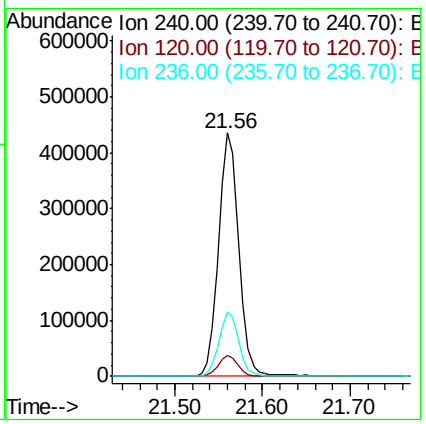


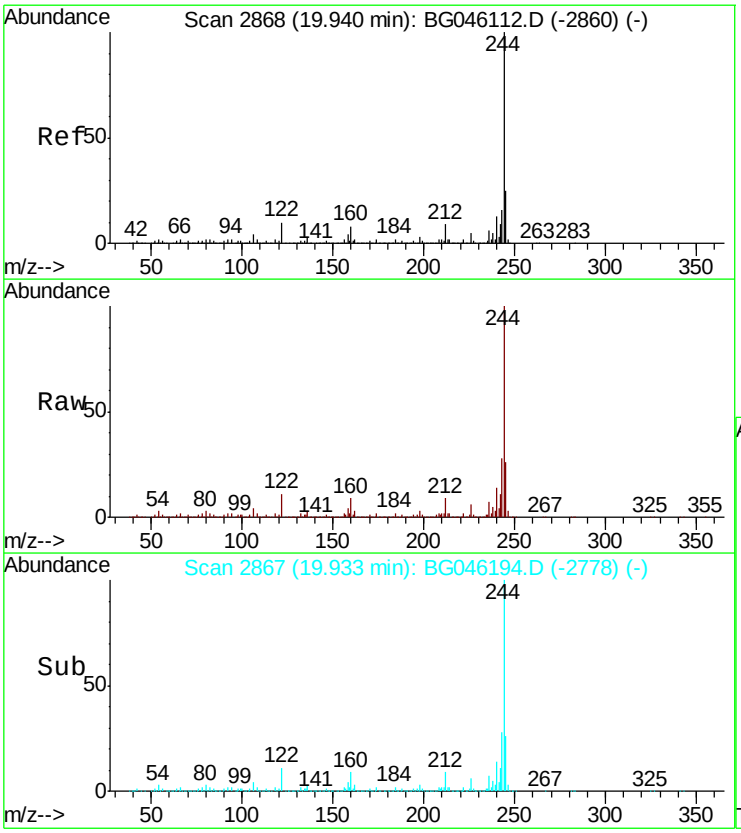
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 701835

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	26.5	21.7	32.5

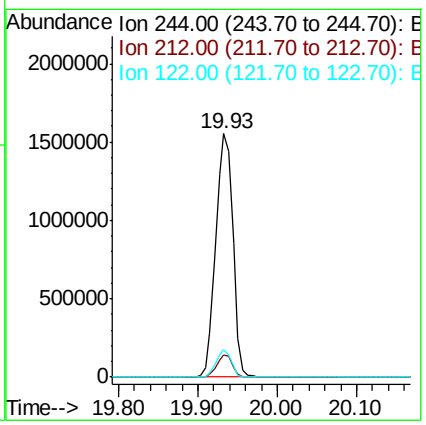


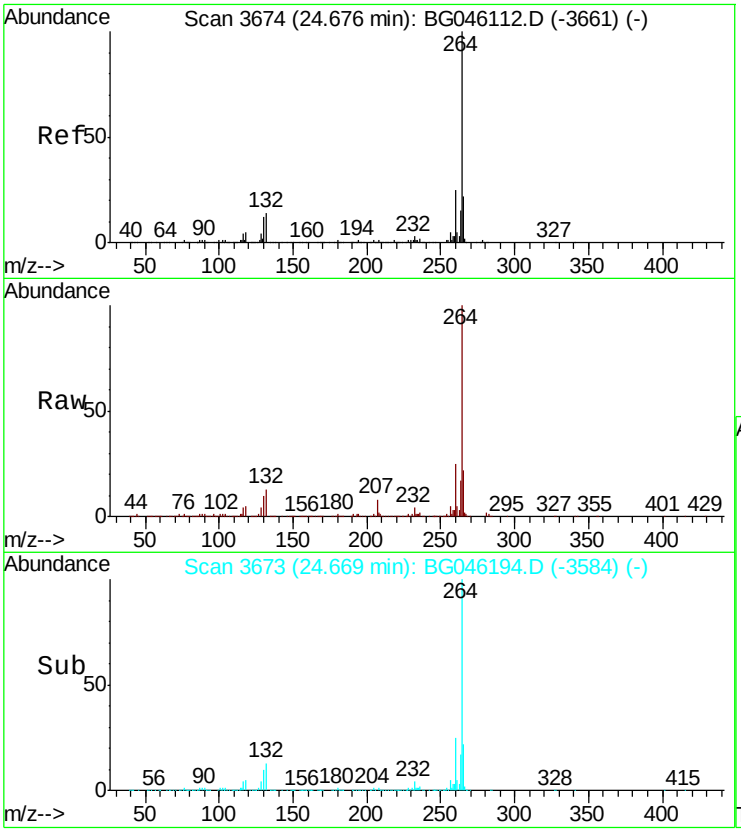


#79
Terphenyl-d14
Concen: 67.477 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Tgt Ion:244 Resp: 2325300

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	11.0	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046194.D
Acq: 7 Aug 2020 15:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 730973

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.3	17.6	26.4