Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042270.D
Acq On : 16 Aug 2019 21:47
Operator : HP/JU
Sample : K4231-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : REACTOR-3-B-(0-3)

Quant Time: Aug 17 00:36:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58122	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	218396	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	156721	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	382638	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	449689	20.00	ng	-0.03
87) Perylene-d12	24.96	264	521945	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	386472	129.37	ng	-0.02
7) Phenol-d6	7.18	99	464827	115.42	ng	-0.02
23) Nitrobenzene-d5	9.18	82	319275	100.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	343409	192.91	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	957619	107.77	ng	-0.03
79) Terphenyl-d14	20.04	244	1890863	96.22	ng	-0.03
Target Compounds						Qvalue

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

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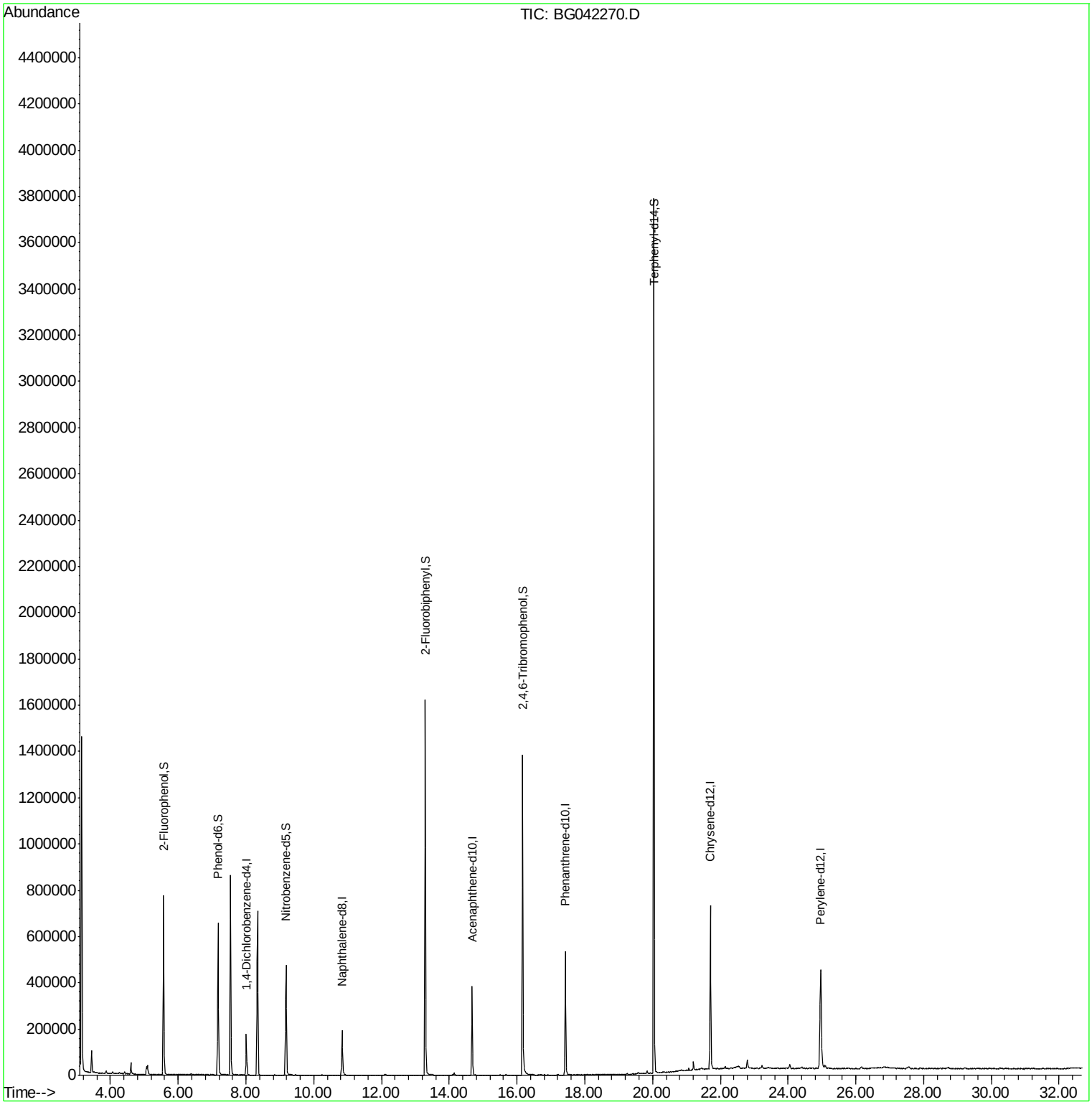
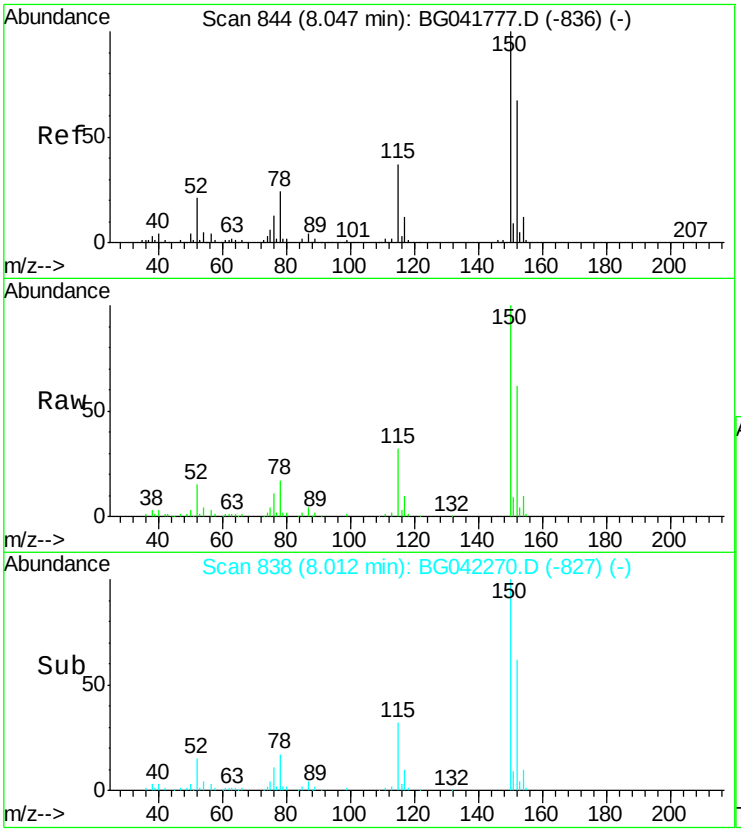


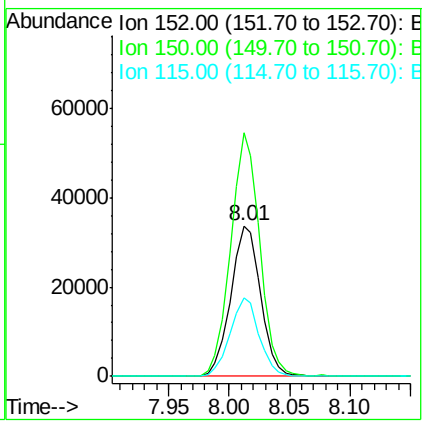


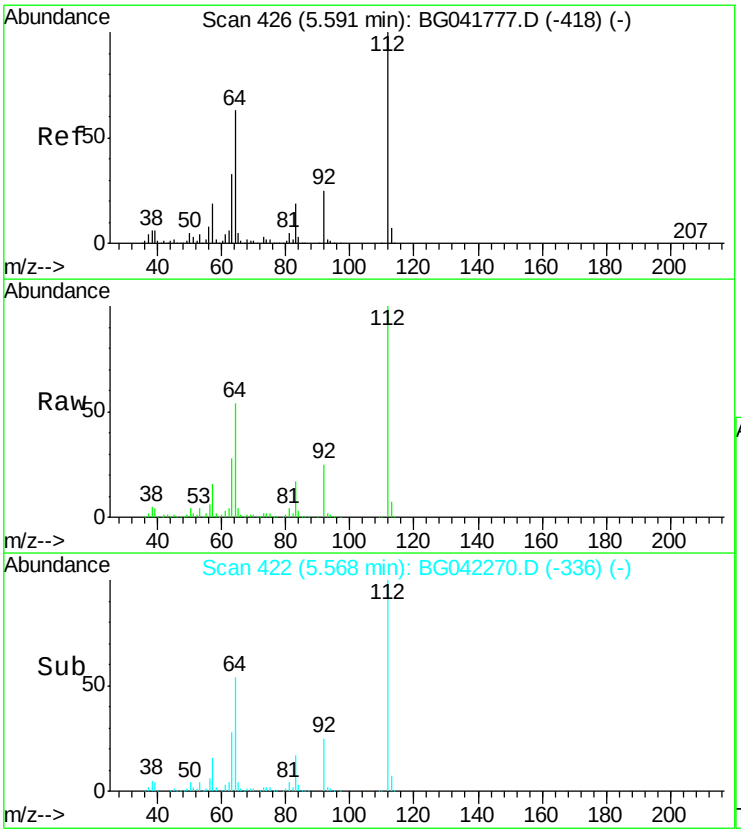
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion:152 Resp: 58122

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.9	190.3
115	52.1	45.0	67.6

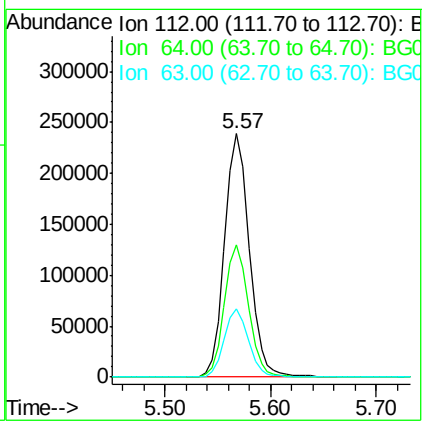


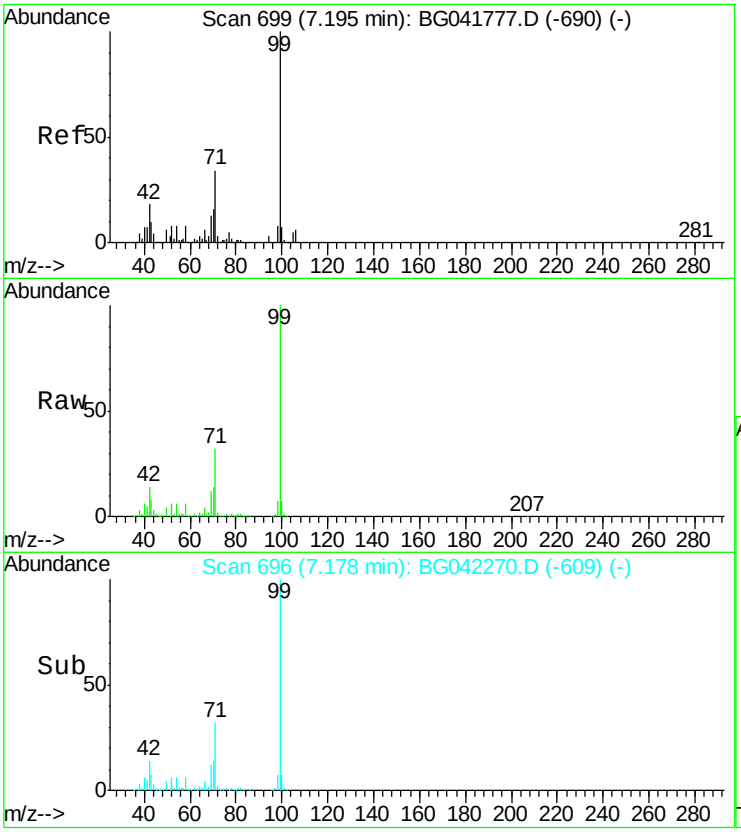


#5
2-Fluorophenol
Concen: 129.371 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:112 Resp: 386472

Ion	Ratio	Lower	Upper
112	100		
64	54.1	55.4	83.2#
63	27.8	29.1	43.7#



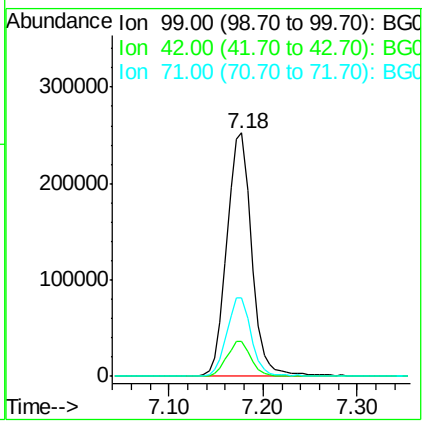


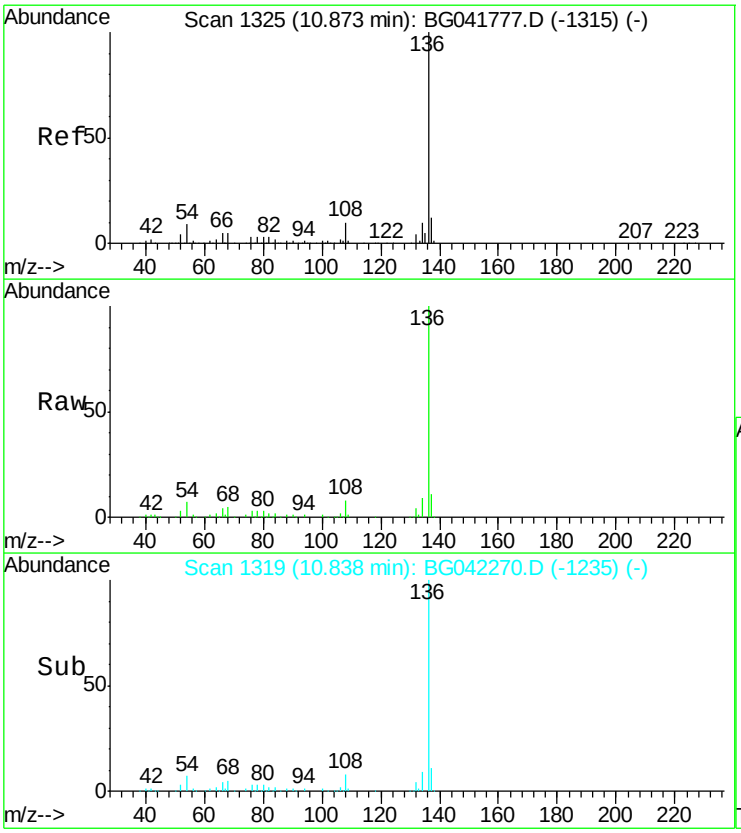
#7
Phenol-d6
Concen: 115.416 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion: 99 Resp: 464827

Ion	Ratio	Lower	Upper
99	100		
42	14.3	17.6	26.4#
71	32.0	27.8	41.6

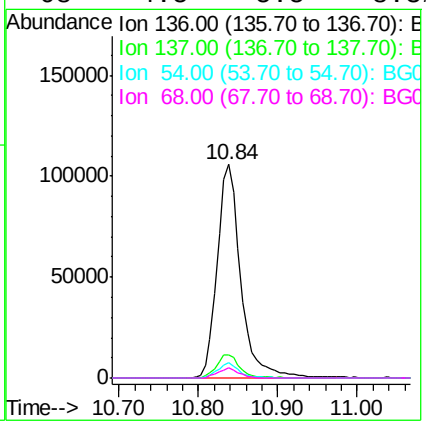


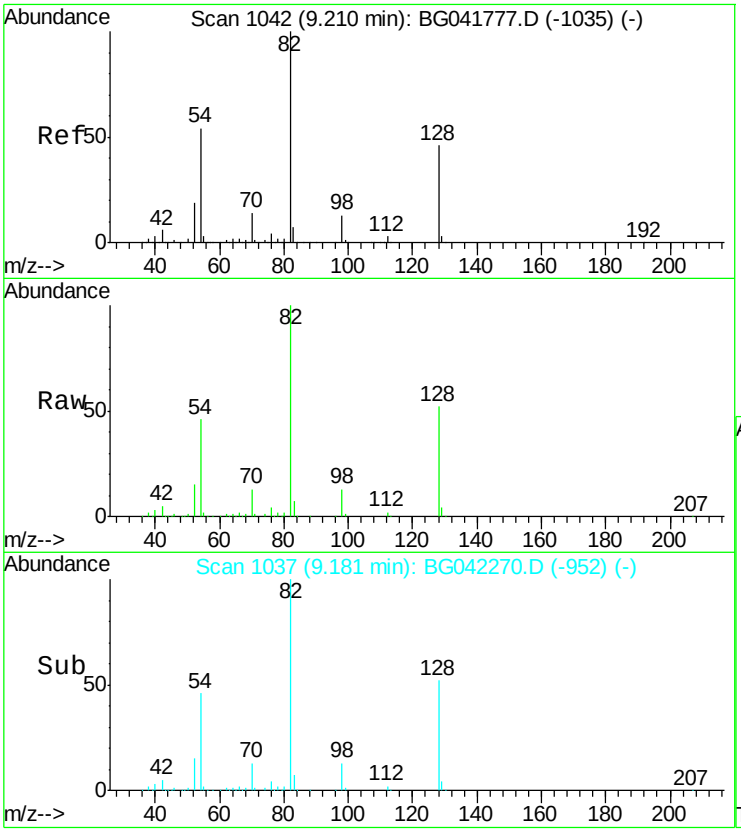


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:136 Resp: 218396

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	8.7	13.1#
68	4.5	5.5	8.3#



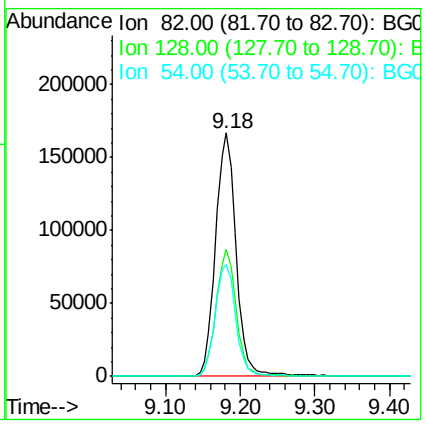


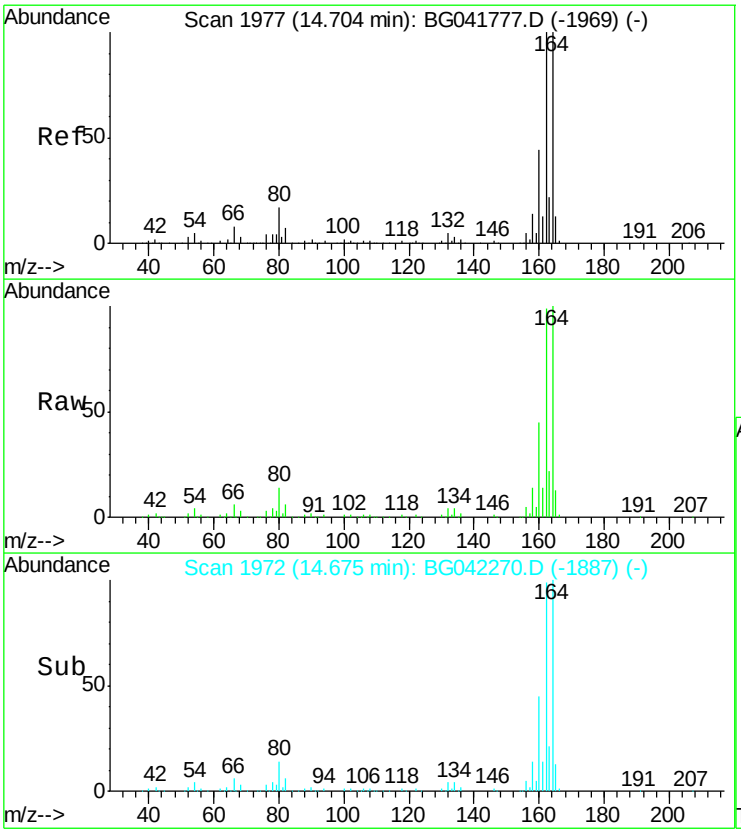
#23
Nitrobenzene-d5
Concen: 100.603 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion: 82 Resp: 319275

Ion	Ratio	Lower	Upper
82	100		
128	52.2	35.1	52.7
54	45.8	48.7	73.1#

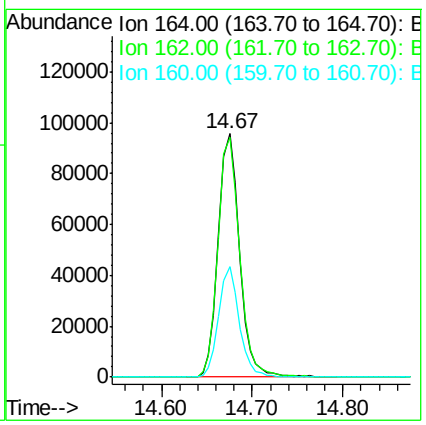


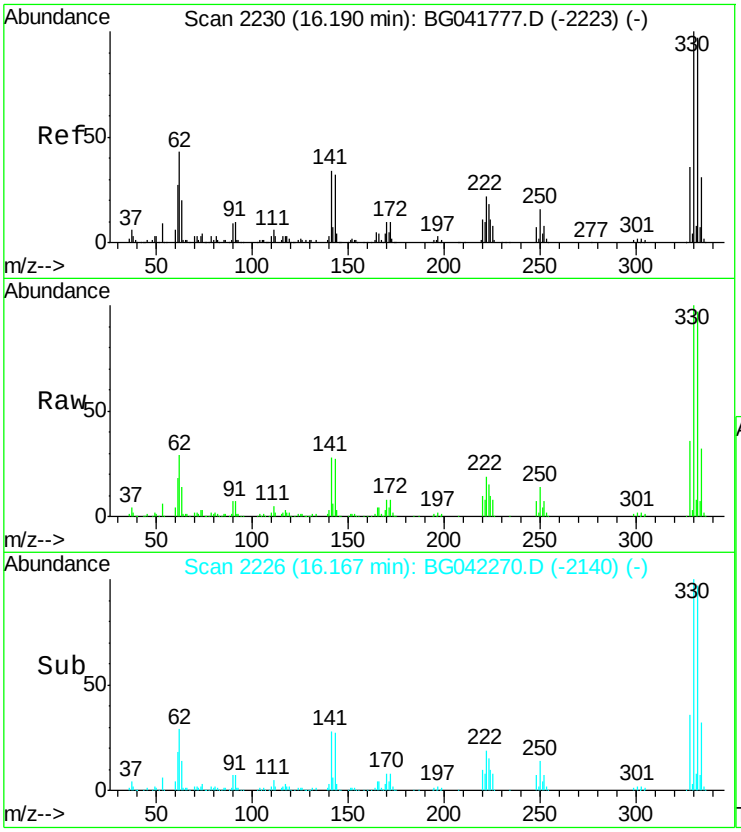


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:164 Resp: 156721

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.6	119.4
160	45.4	35.4	53.0



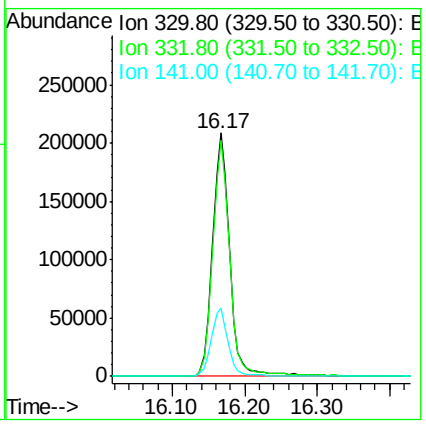


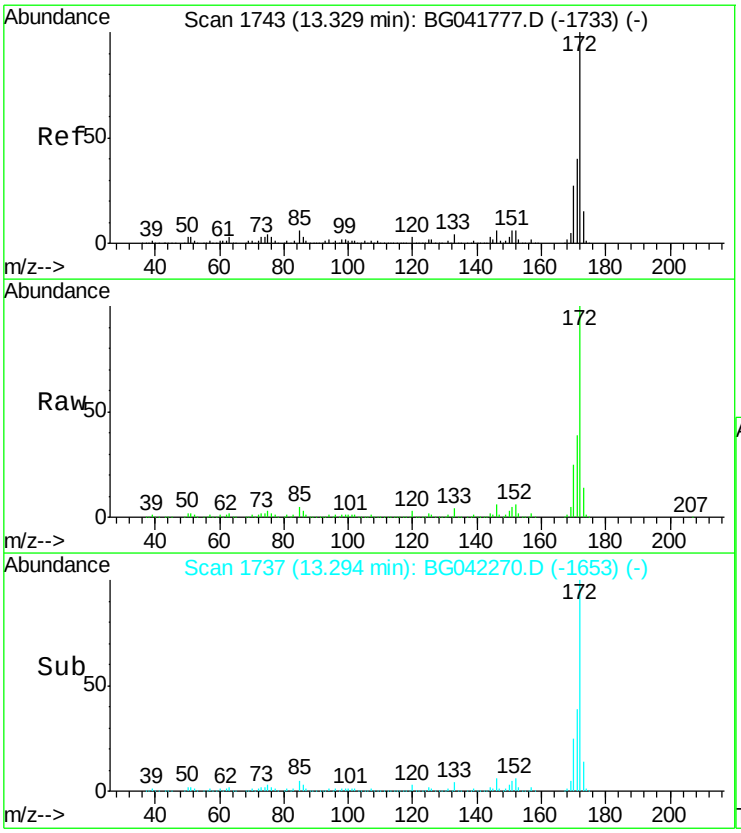
#42
2,4,6-Tribromophenol
Concen: 192.912 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion:330 Resp: 343409

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	27.9	31.9	47.9#

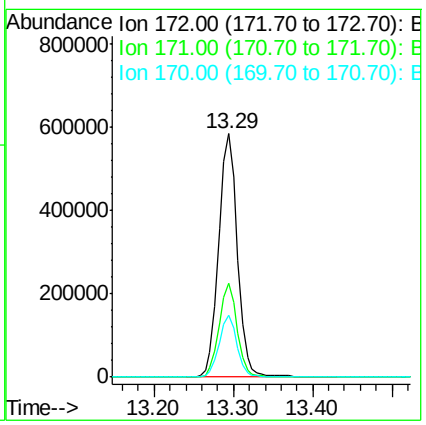


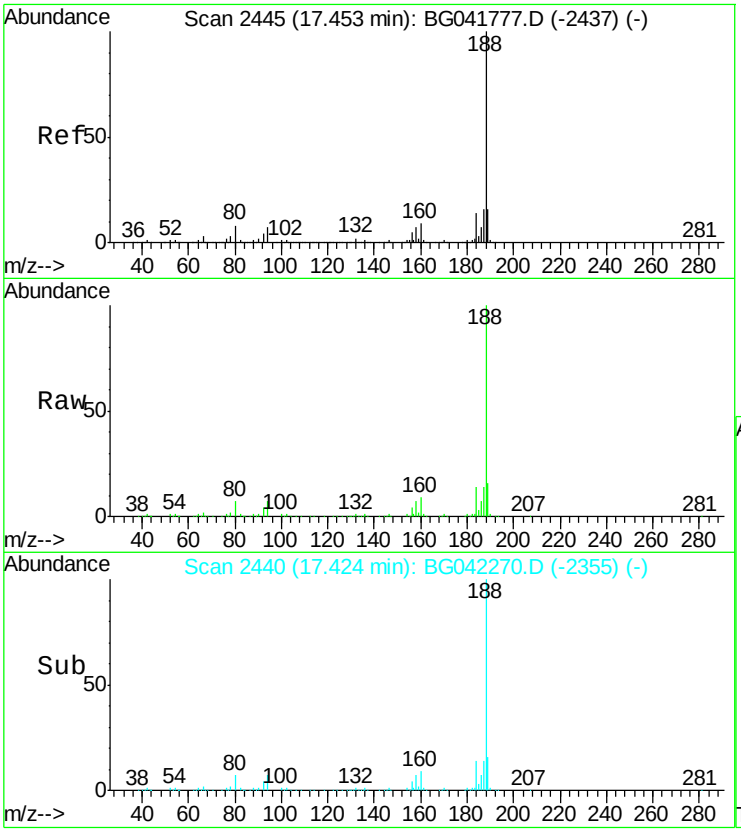


#45
2-Fluorobiphenyl
Concen: 107.769 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:172 Resp: 957619

Ion	Ratio	Lower	Upper
172	100		
171	38.5	35.0	52.4
170	25.2	23.5	35.3



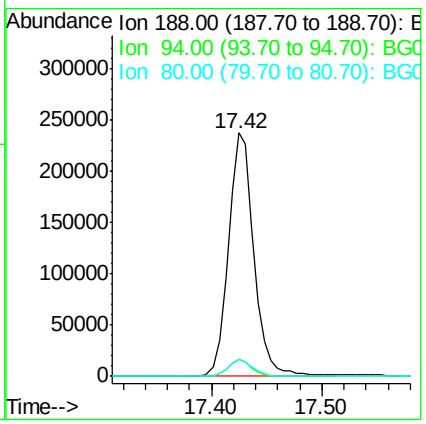


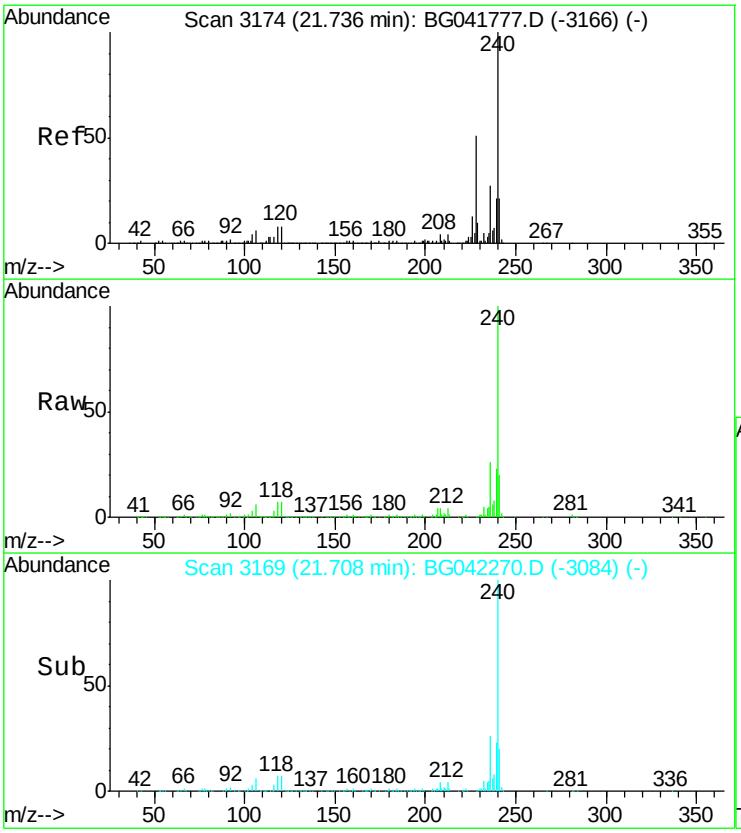
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion:188 Resp: 382638

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	6.9	8.0	12.0#

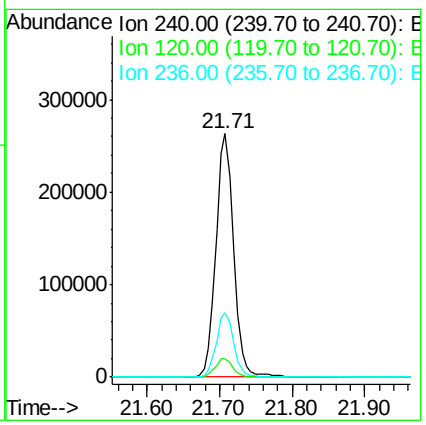


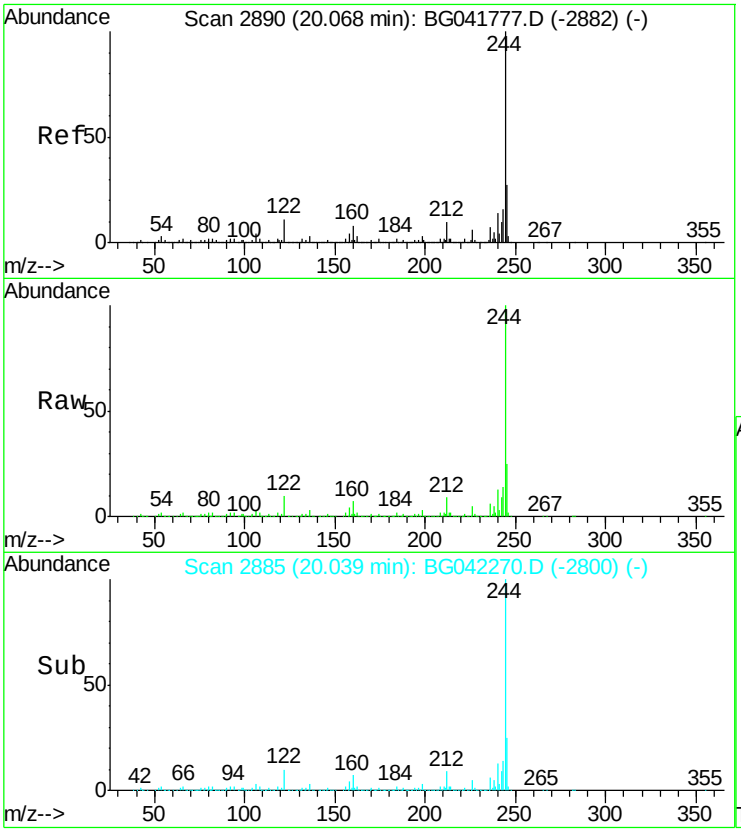


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:240 Resp: 449689

Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.0	12.0#
236	26.4	22.6	33.8



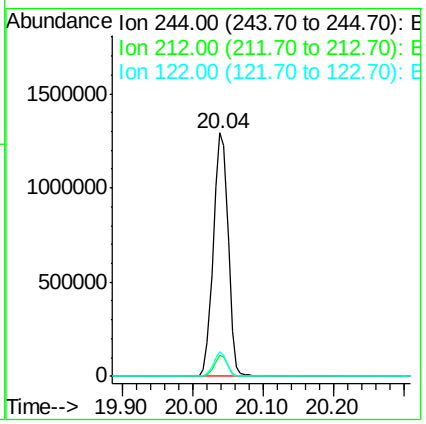


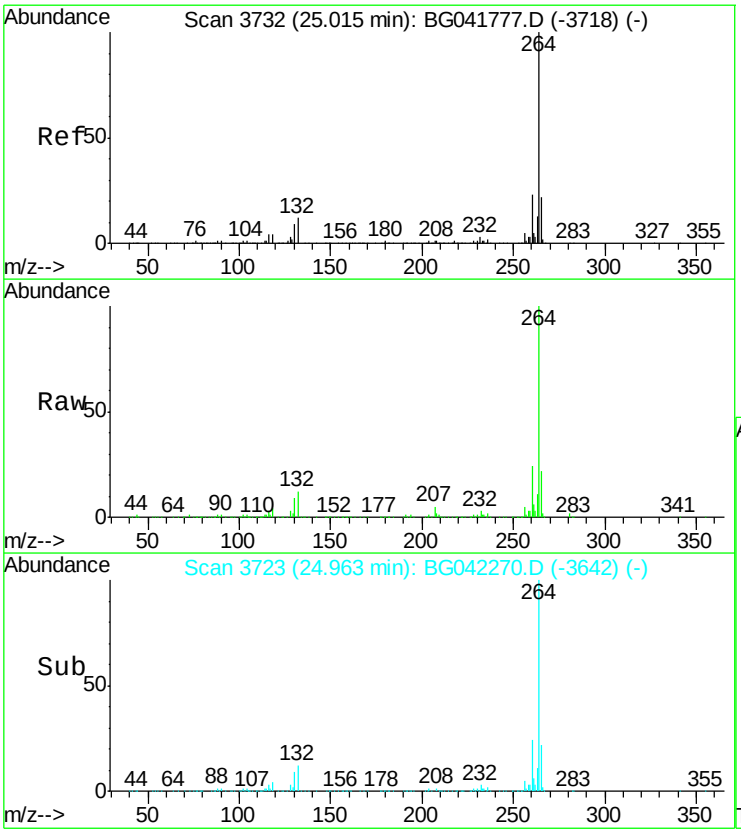
#79
Terphenyl-d14
Concen: 96.217 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.03 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)

Tgt Ion:244 Resp: 1890863

Ion	Ratio	Lower	Upper
244	100		
212	8.6	9.7	14.5#
122	9.9	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.05 min
Lab File: BG042270.D
Acq: 16 Aug 2019 21:47

Tgt Ion:264 Resp: 521945

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	18.0	27.0