Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037942.D
Acq On : 12 Nov 2018 13:33
Operator : JU/SJ
Sample : J5860-25DL2 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)DL2

Quant Time: Nov 12 14:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	52611	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	223209	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	154229	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	336260	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	292598	20.00	ng	-0.02
87) Perylene-d12	25.09	264	231898	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	21538	6.84	ng	-0.01
7) Phenol-d6	7.23	99	33519	7.04	ng	-0.02
23) Nitrobenzene-d5	9.27	82	19270	4.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	6500	3.86	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	53116	5.19	ng	-0.03
79) Terphenyl-d14	20.07	244	73997	5.40	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.96	128	70877	6.465	ng	# 87
37) 2-Methylnaphthalene	12.56	142	329778	41.264	ng	99
38) 1-Methylnaphthalene	12.78	142	129833	16.728	ng	97

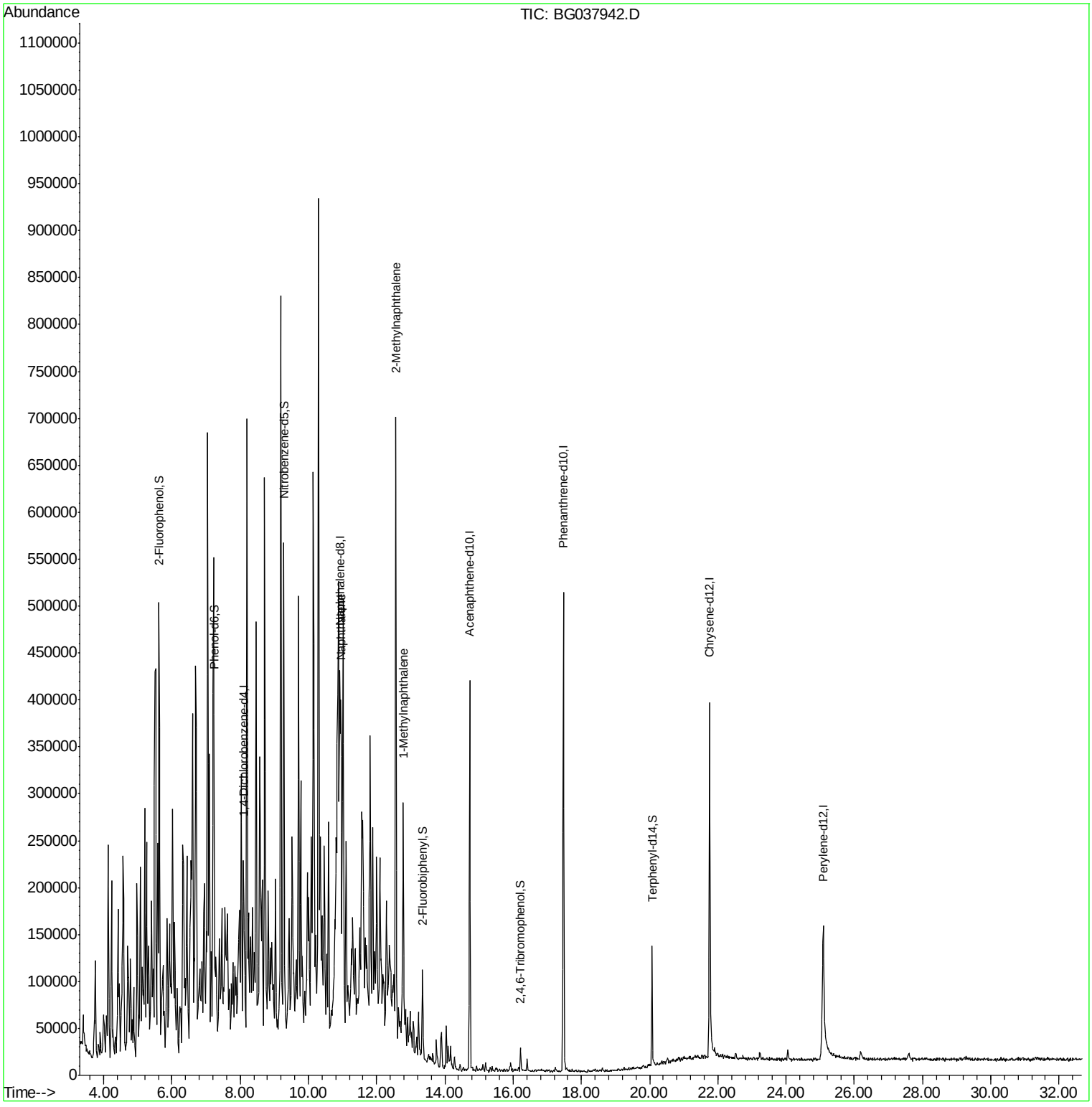
(#) = qualifier out of range (m) = manual integration (+) = signals summed

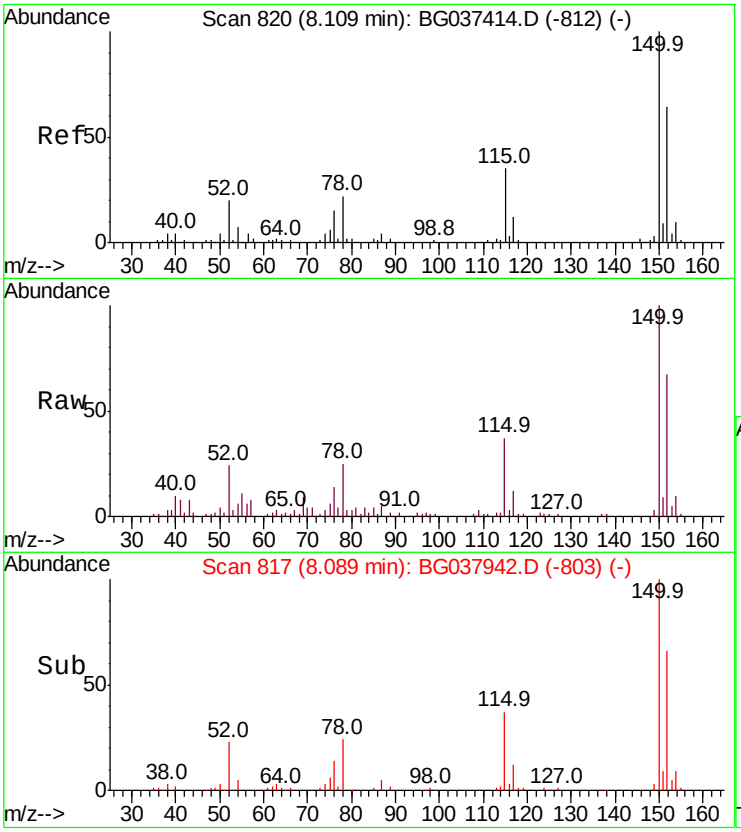
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037942.D
Acq On : 12 Nov 2018 13:33
Operator : JU/SJ
Sample : J5860-25DL2 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Quant Time: Nov 12 14:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



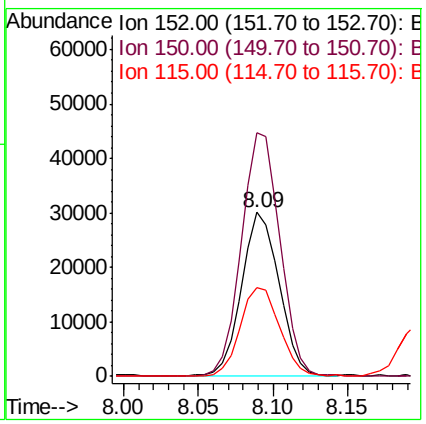


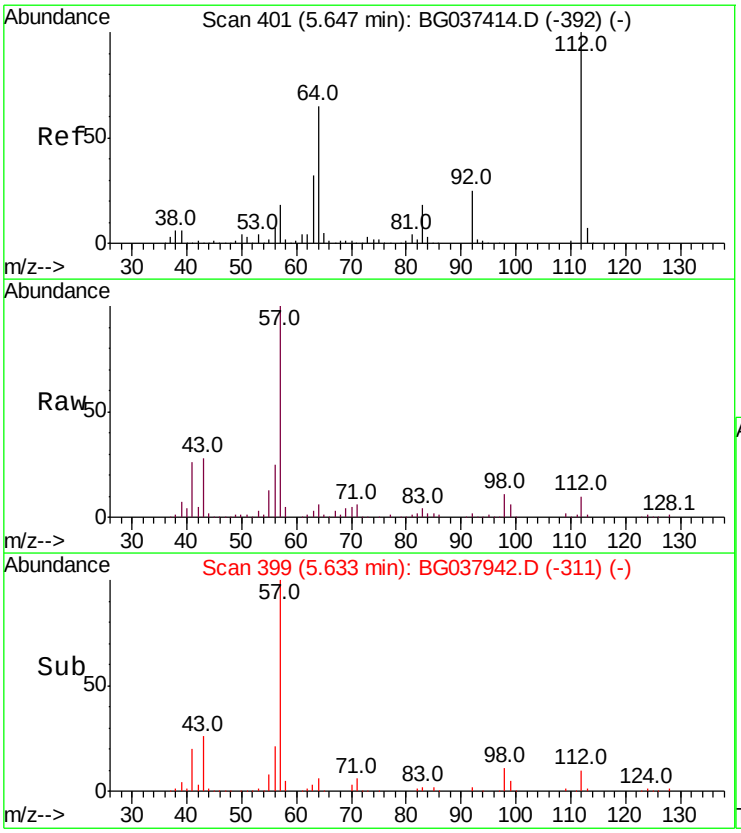
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:152 Resp: 52611

Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.0	189.0
115	54.4	45.5	68.3

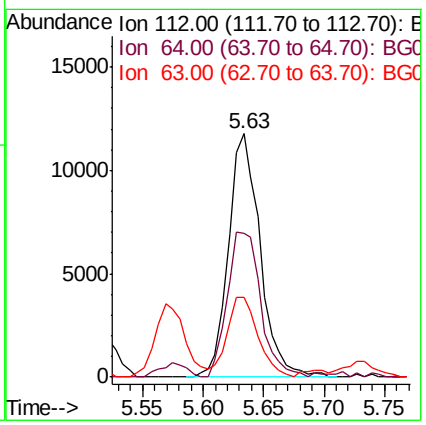


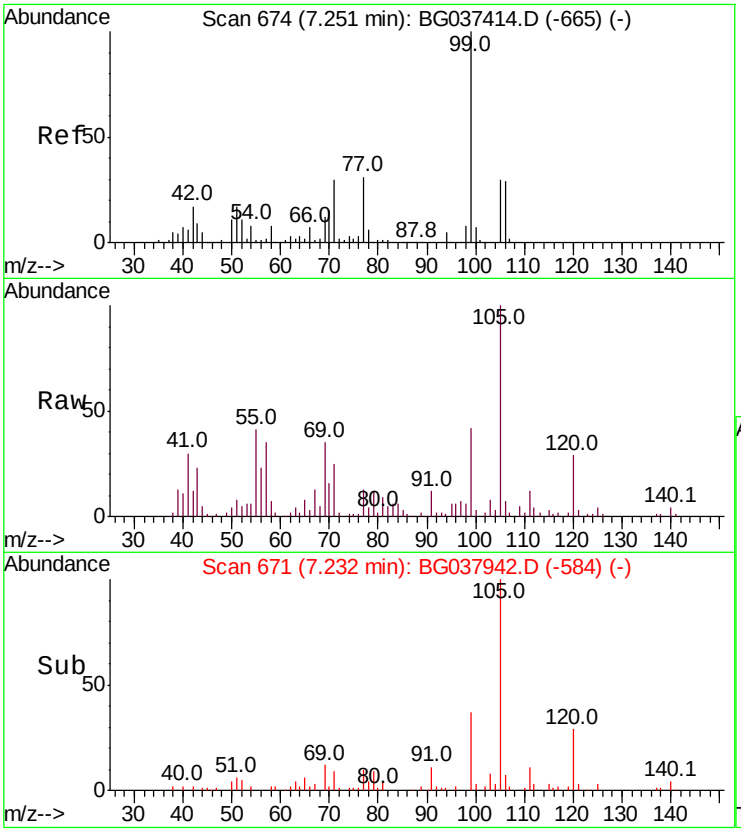


#5
2-Fluorophenol
Concen: 6.844 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:112 Resp: 21538

Ion	Ratio	Lower	Upper
112	100		
64	59.0	53.1	79.7
63	32.9	27.3	40.9



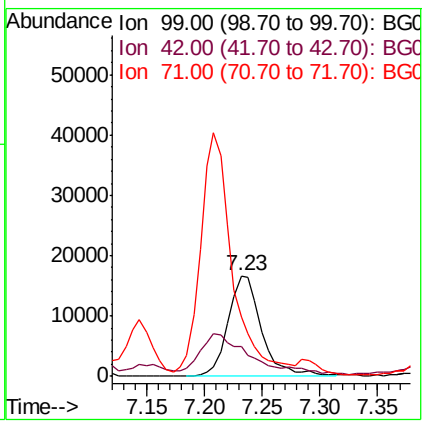


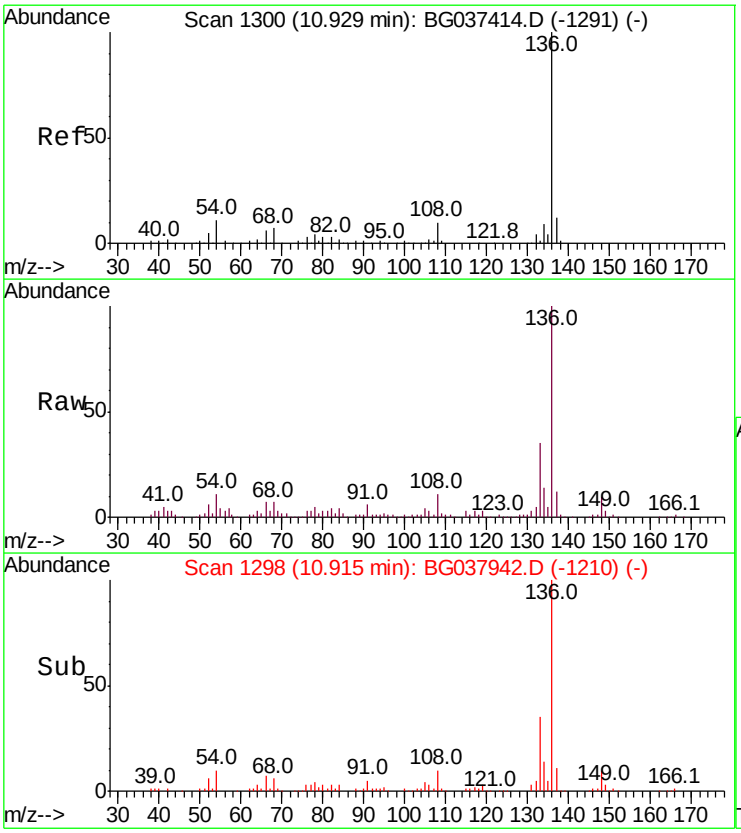
#7
Phenol-d6
Concen: 7.044 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion: 99 Resp: 33519

Ion	Ratio	Lower	Upper
99	100		
42	29.1	15.0	22.4#
71	58.8	25.5	38.3#

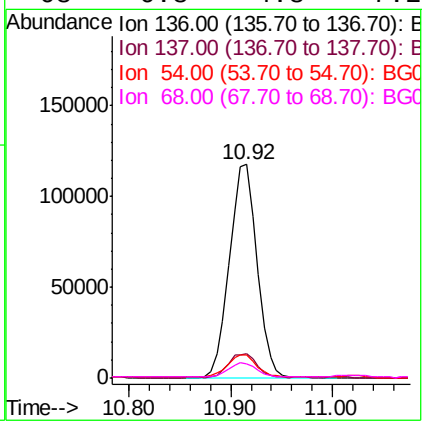


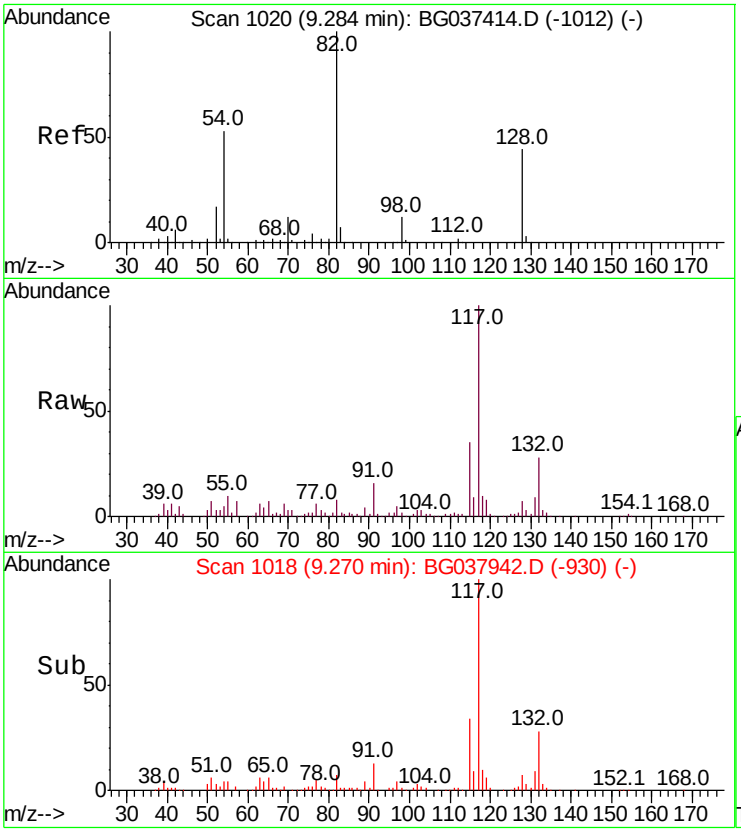


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:136 Resp: 223209

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.6	7.9	11.9
68	6.8	4.8	7.2



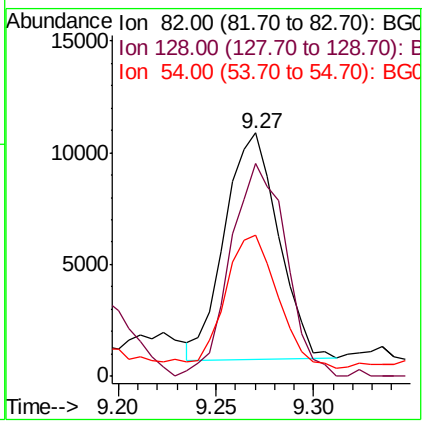


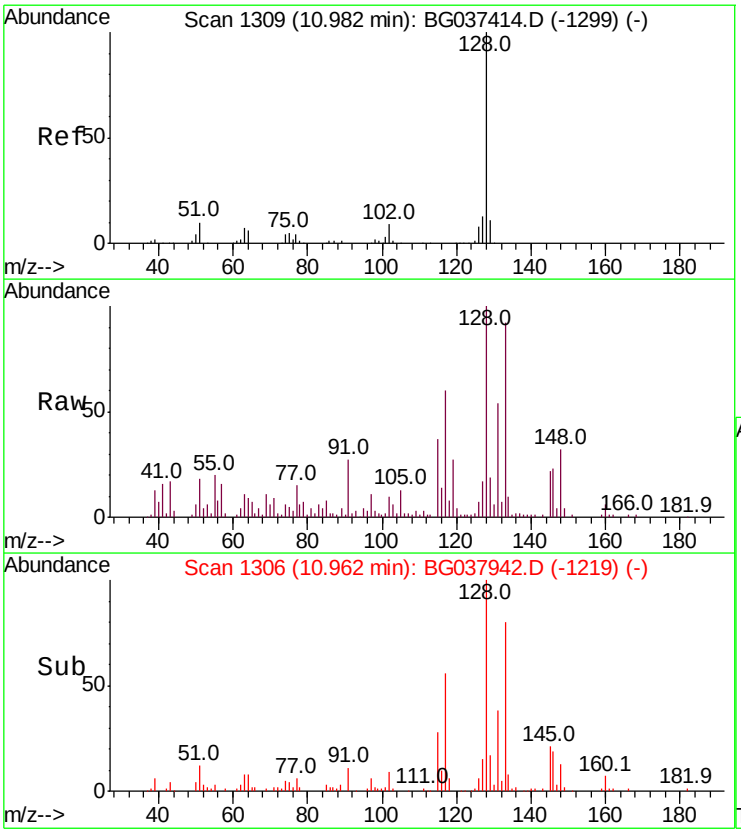
#23
Nitrobenzene-d5
Concen: 4.836 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion: 82 Resp: 19270

Ion	Ratio	Lower	Upper
82	100		
128	87.7	34.6	51.8#
54	57.8	45.3	67.9

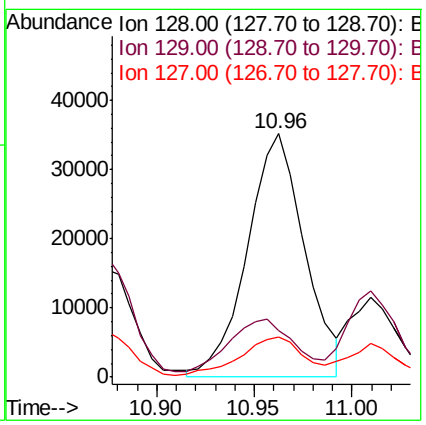


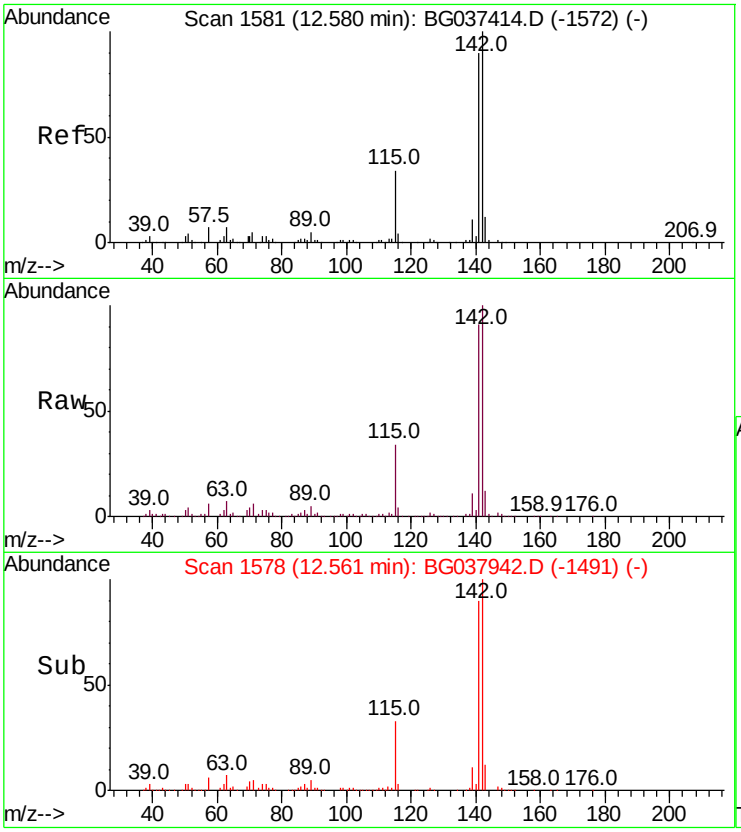


#31
Naphthalene
Concen: 6.465 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:128 Resp: 70877

Ion	Ratio	Lower	Upper
128	100		
129	19.3	9.0	13.6#
127	16.5	11.1	16.7



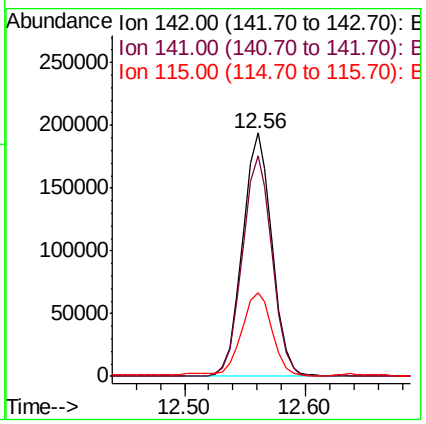


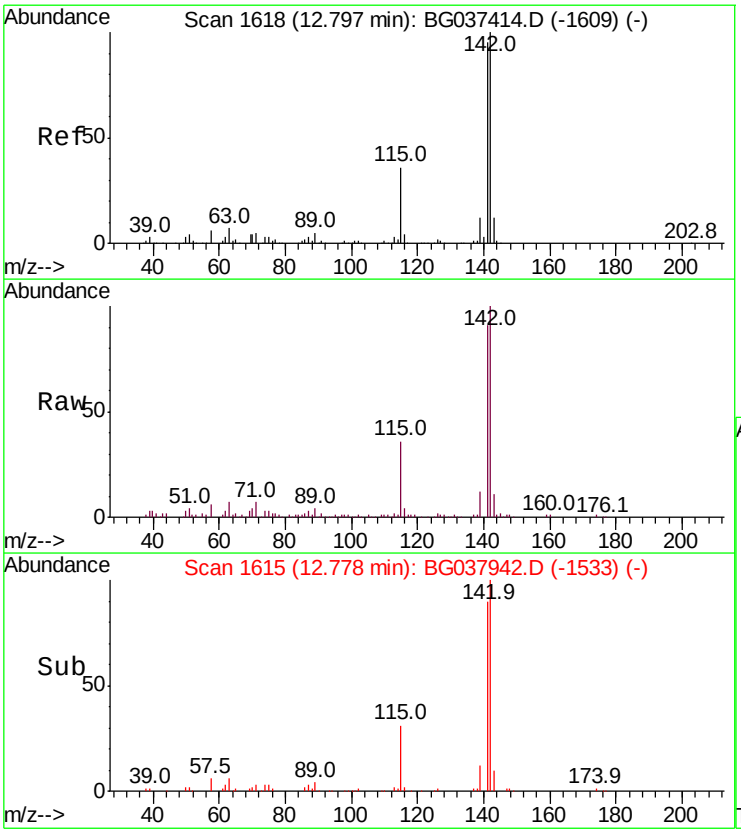
#37
2-Methylnaphthalene
Concen: 41.264 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:142 Resp: 329778

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	34.3	27.8	41.8

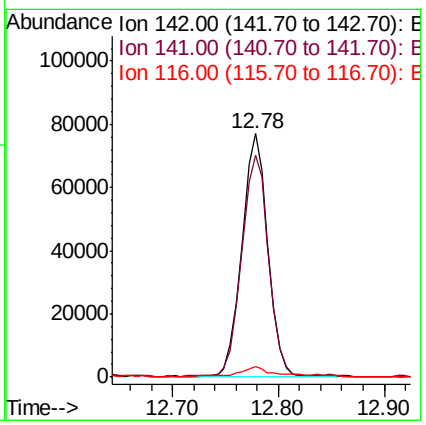


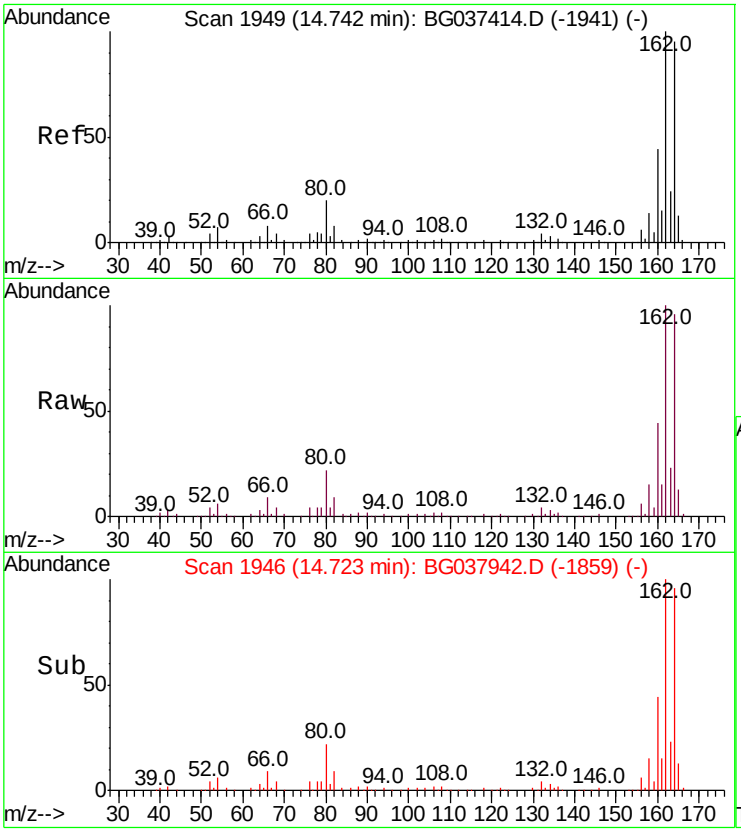


#38
1-Methylnaphthalene
Concen: 16.728 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:142 Resp: 129833

Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8
116	4.4	3.3	4.9



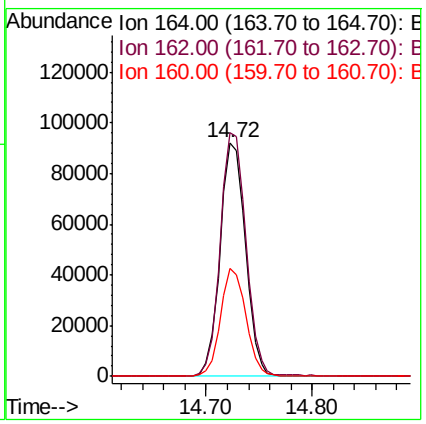


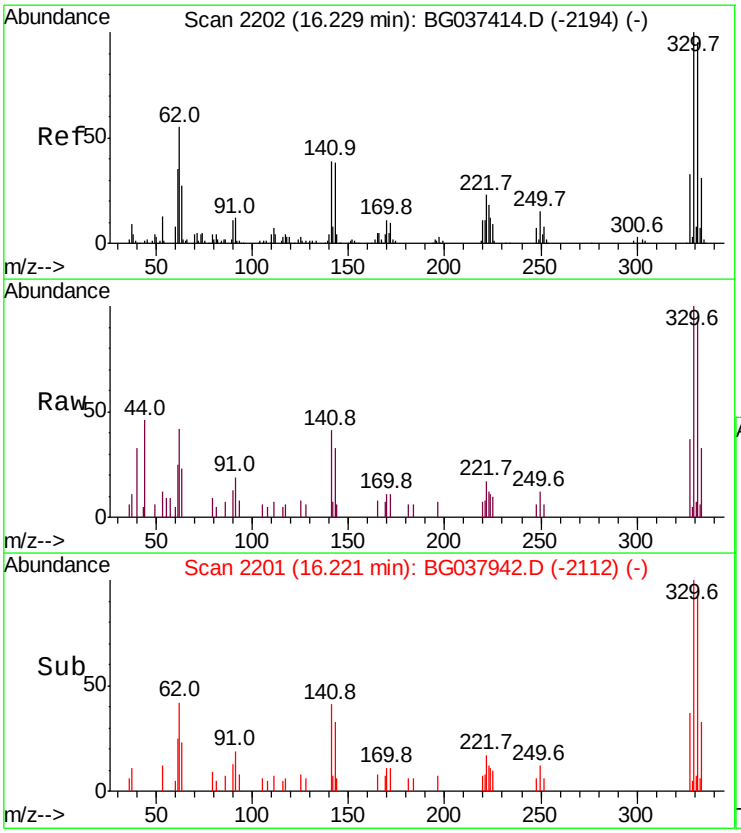
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:164 Resp: 154229

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.2	36.3	54.5

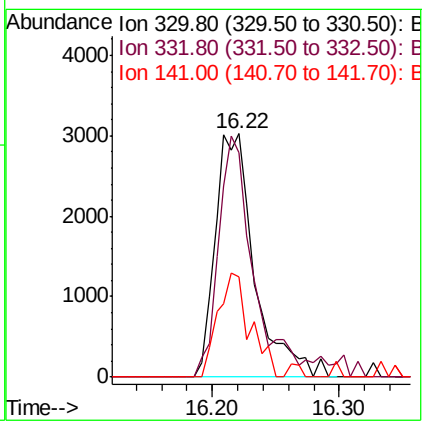


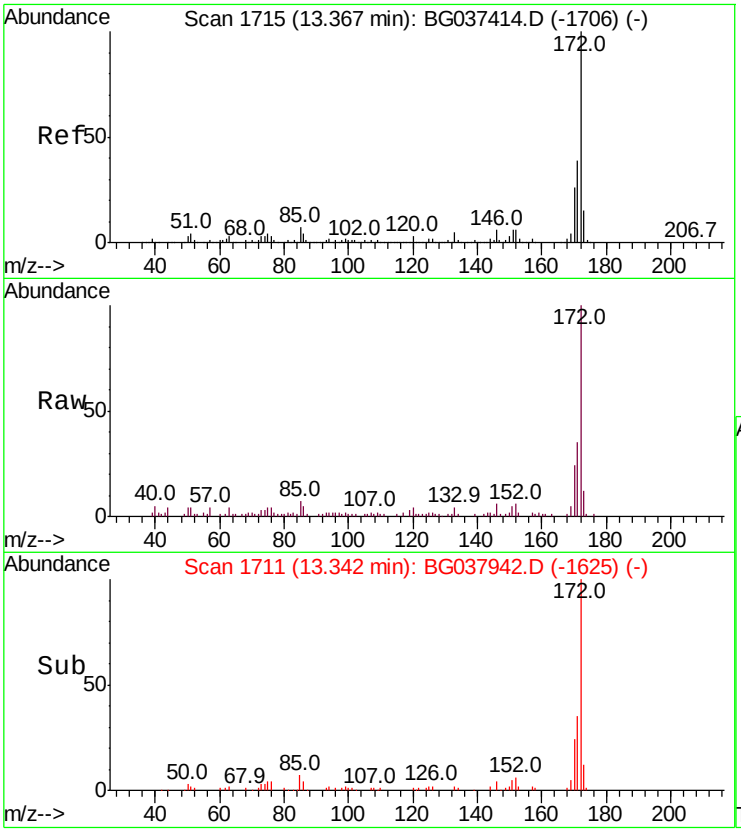


#42
2,4,6-Tribromophenol
Concen: 3.864 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:330 Resp: 6500

Ion	Ratio	Lower	Upper
330	100		
332	88.0	78.4	117.6
141	35.0	32.2	48.2



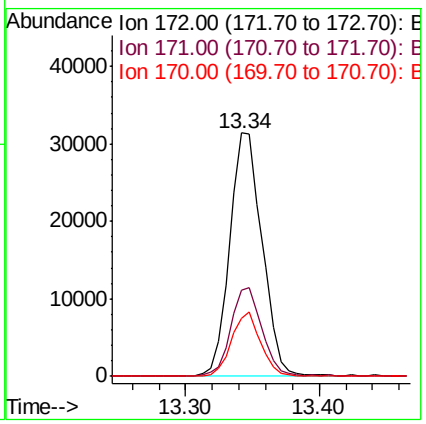


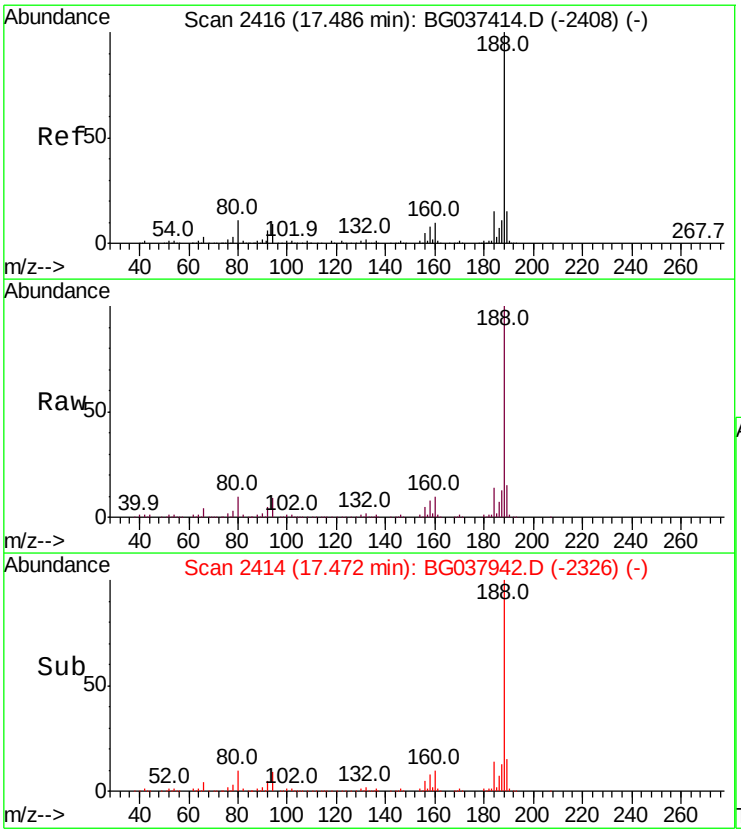
#45
2-Fluorobiphenyl
Concen: 5.193 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.03 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:172 Resp: 53116

Ion	Ratio	Lower	Upper
172	100		
171	35.2	31.0	46.4
170	23.9	20.2	30.2

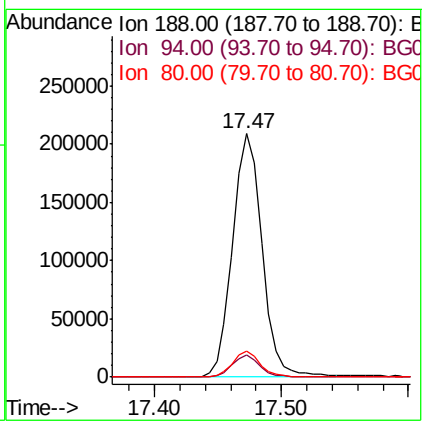


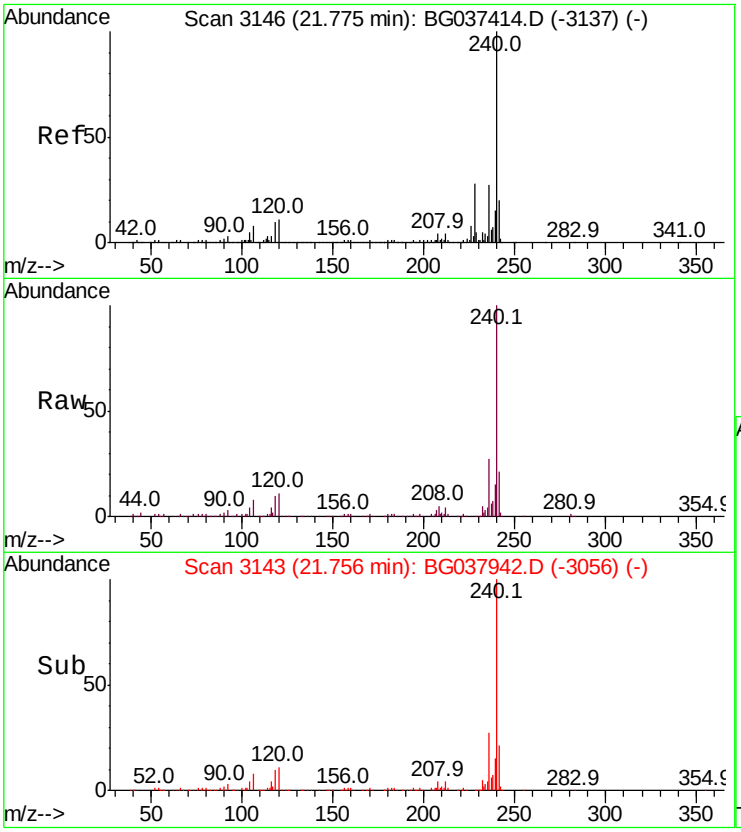


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:188 Resp: 336260

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5



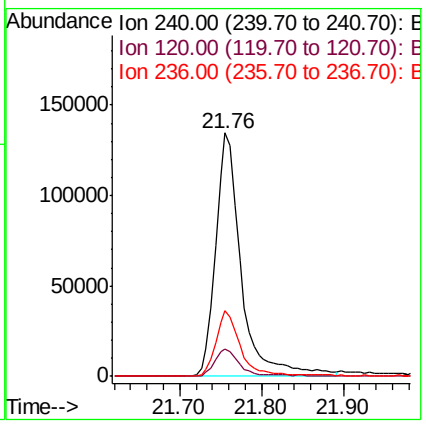


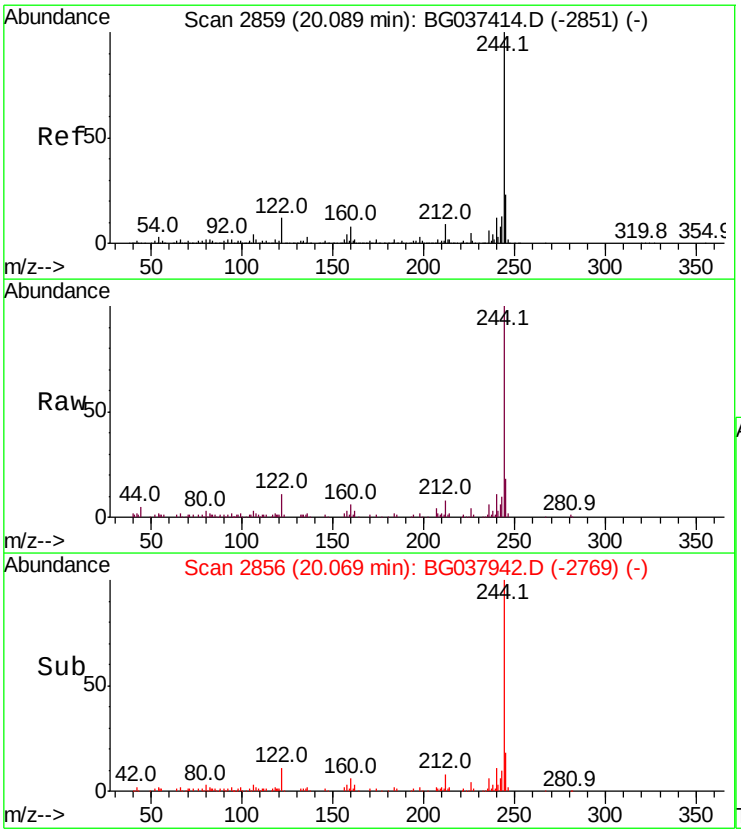
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:240 Resp: 292598

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.0	21.4	32.0

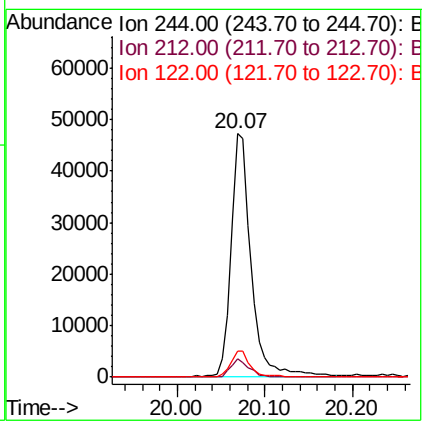


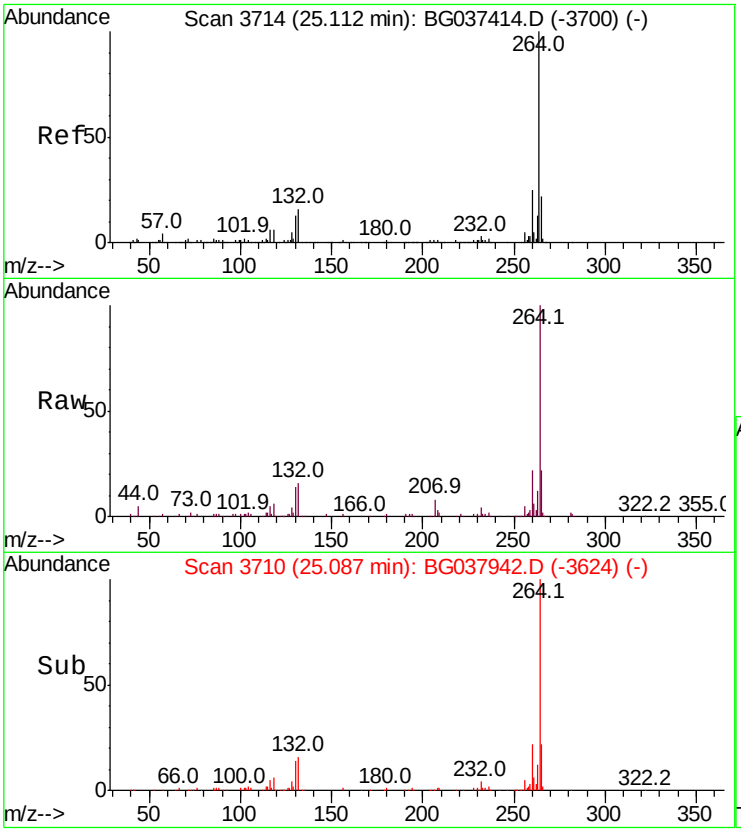


#79
Terphenyl-d14
Concen: 5.404 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Tgt Ion:244 Resp: 73997

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.7	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037942.D
Acq: 12 Nov 2018 13:33

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)DL2

Tgt Ion:264 Resp: 231898

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.7	17.9	26.9