Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037921.D
Acq On : 9 Nov 2018 15:24
Operator : JU/SJ
Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(17-19)

Quant Time: Nov 12 13:15:11 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	8.11	152	52225	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	185559	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	131949	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	281068	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	250920	20.00	ng		-0.02
87) Perylene-d12	25.09	264	238559	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	371760	119.01	ng		0.00
7) Phenol-d6	7.25	99	518878	109.85	ng		0.00
23) Nitrobenzene-d5	9.30	82	349795	105.60	ng		0.02
42) 2,4,6-Tribromophenol	16.21	330	195065	135.54	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	768491	87.82	ng		-0.01
79) Terphenyl-d14	20.07	244	1073850	91.45	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.28	94	44122	8.853	ng	#	62
31) Naphthalene	11.01	128	4897946	537.398	ng	#	72
37) 2-Methylnaphthalene	12.60	142	3995346	601.358	ng	#	80
38) 1-Methylnaphthalene	12.81	142	2086592	323.395	ng	#	98
46) 1,1'-Biphenyl	13.56	154	162070	14.831	ng		99
50) Dimethylphthalate	14.17	163	139164	13.633	ng		99
58) Fluorene	15.77	166	25558	2.690	ng	#	95
71) Phenanthrene	17.52	178	39737	2.782	ng		97

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037921.D
Acq On : 9 Nov 2018 15:24
Operator : JU/SJ
Sample : J5860-22
Misc :
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BNA_G
ClientSampleId :
EP2-SB-110(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
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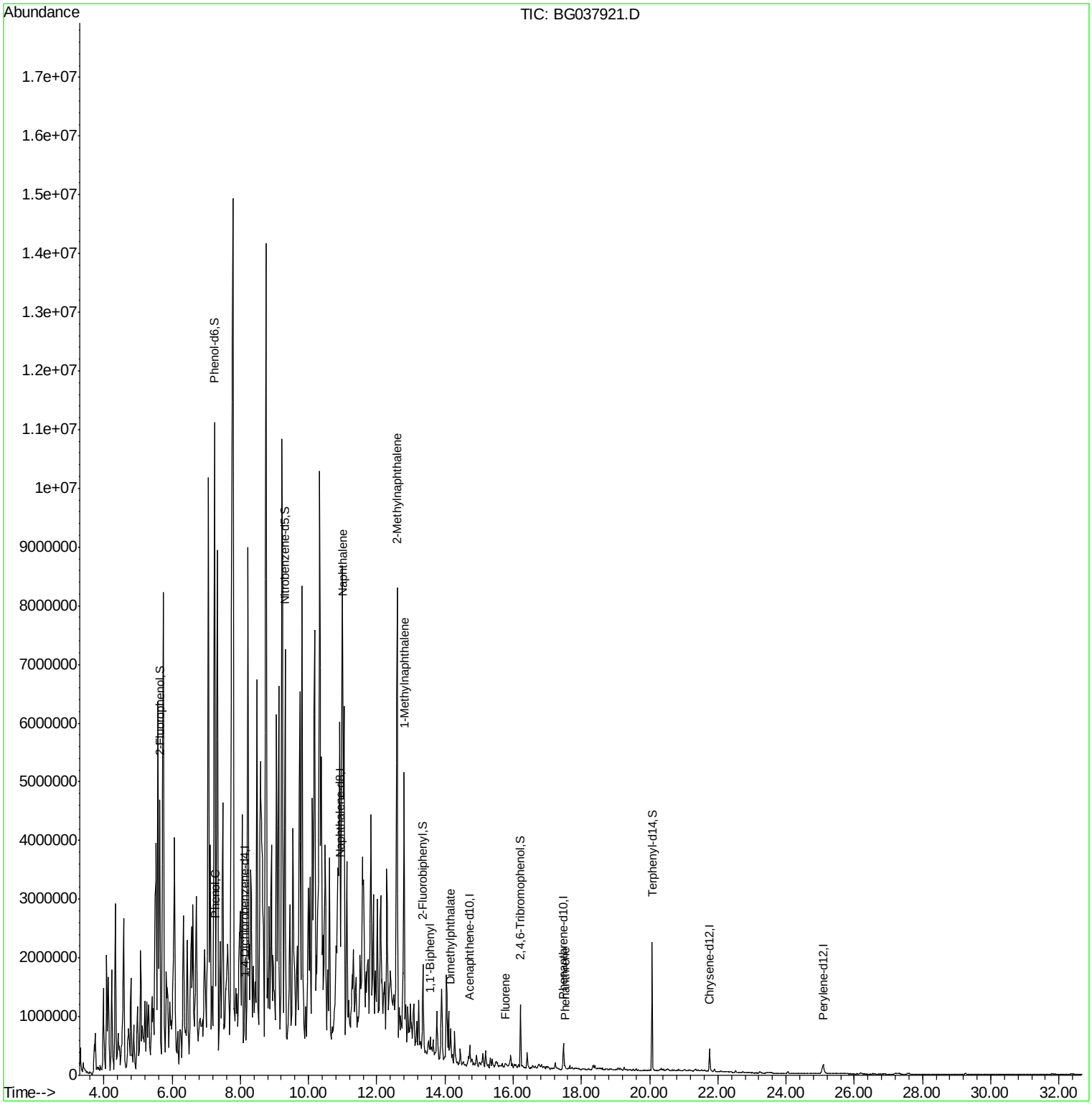
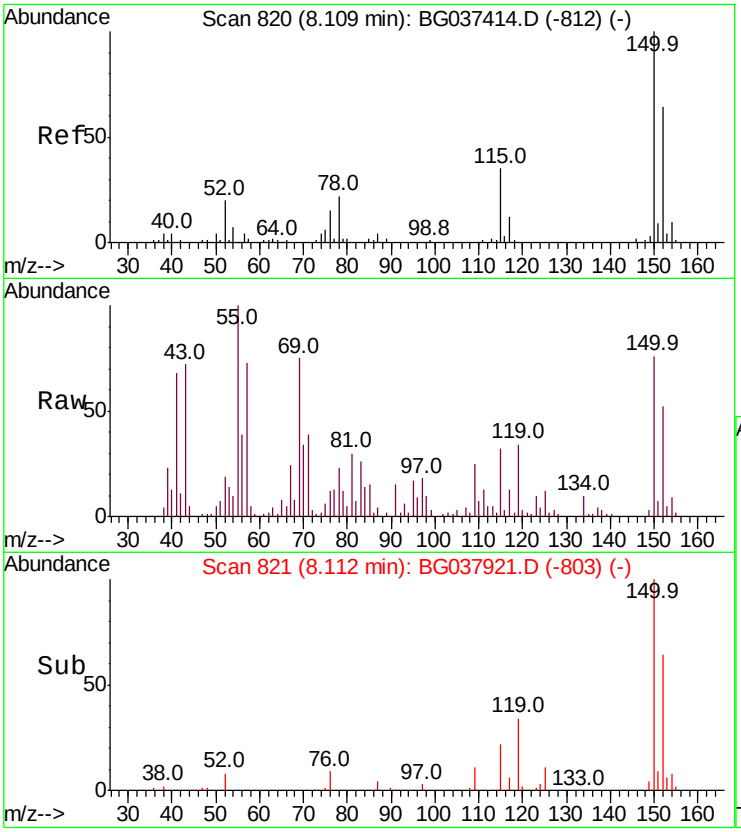
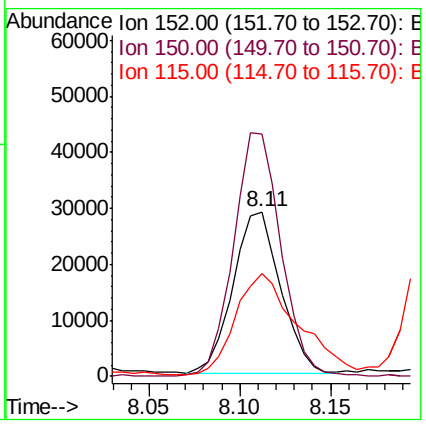




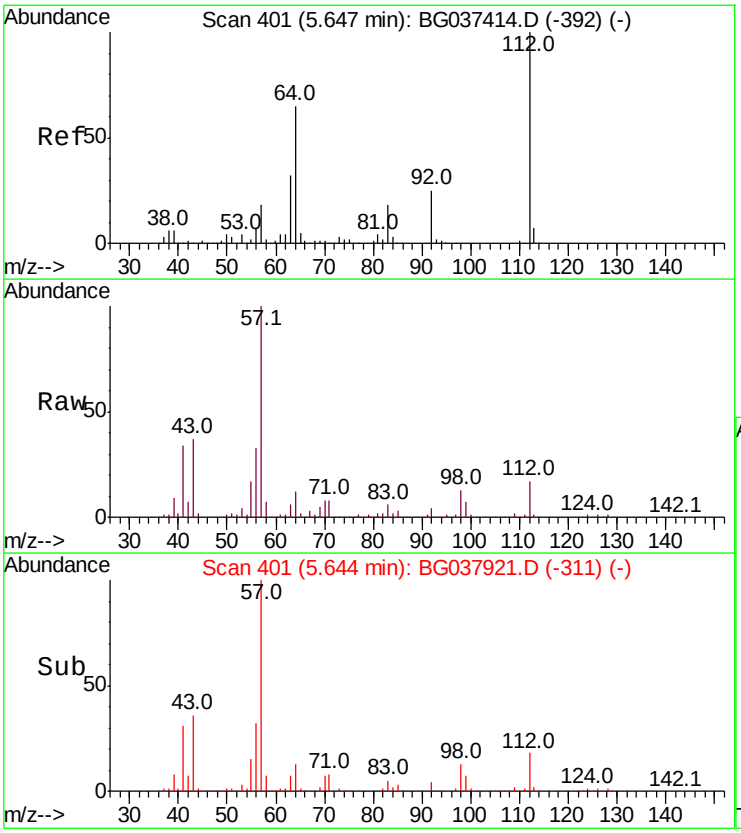
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:152 Resp: 52225

Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.0	189.0
115	62.4	45.5	68.3



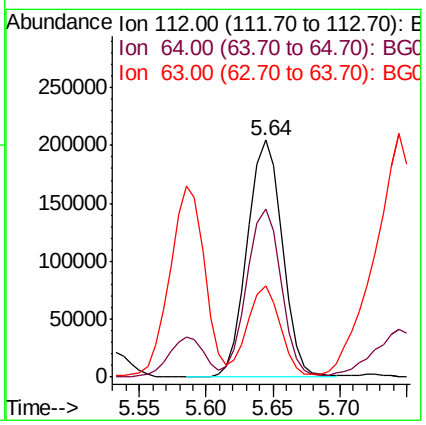
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

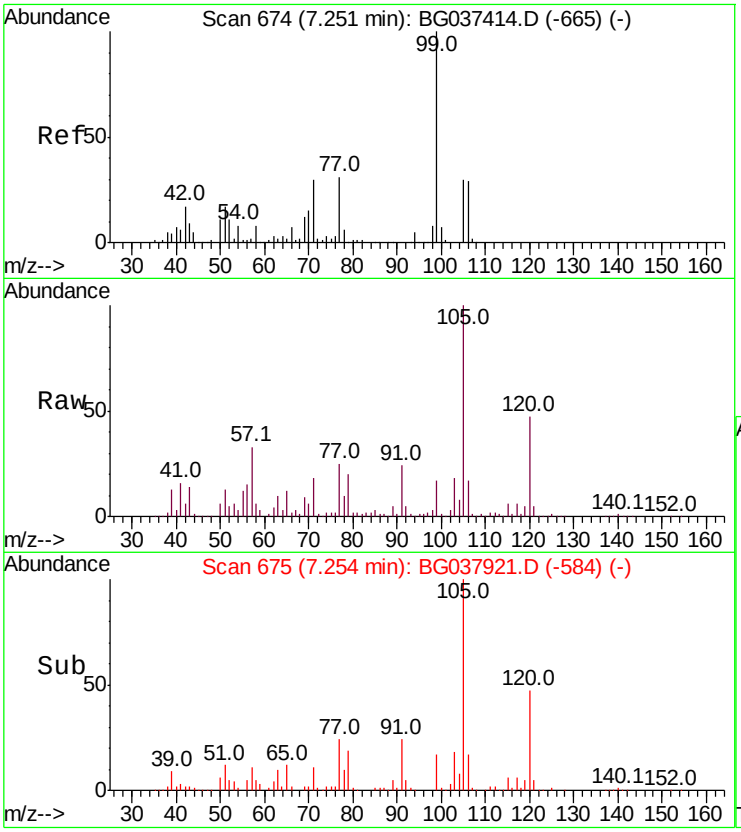


#5
2-Fluorophenol
Concen: 119.010 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:112 Resp: 371760

Ion	Ratio	Lower	Upper
112	100		
64	71.1	53.1	79.7
63	38.4	27.3	40.9



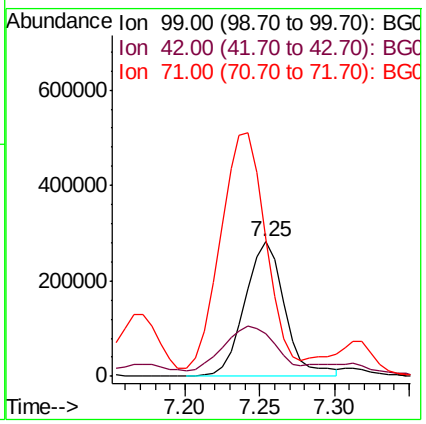


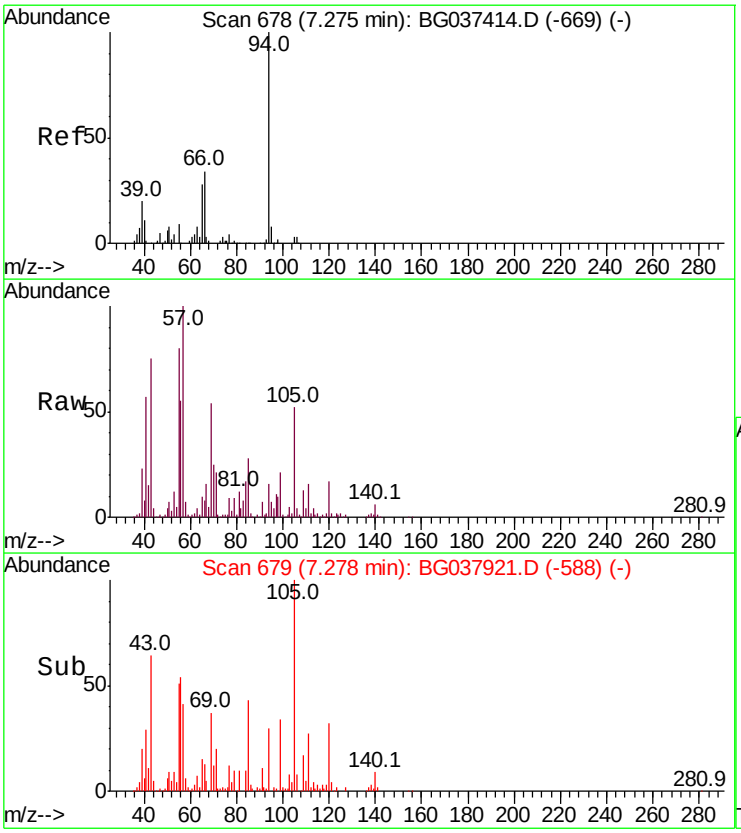
#7
Phenol-d6
Concen: 109.849 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion: 99 Resp: 518878

Ion	Ratio	Lower	Upper
99	100		
42	31.8	15.0	22.4#
71	102.1	25.5	38.3#

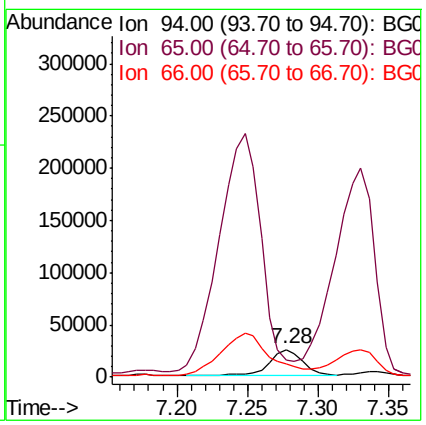


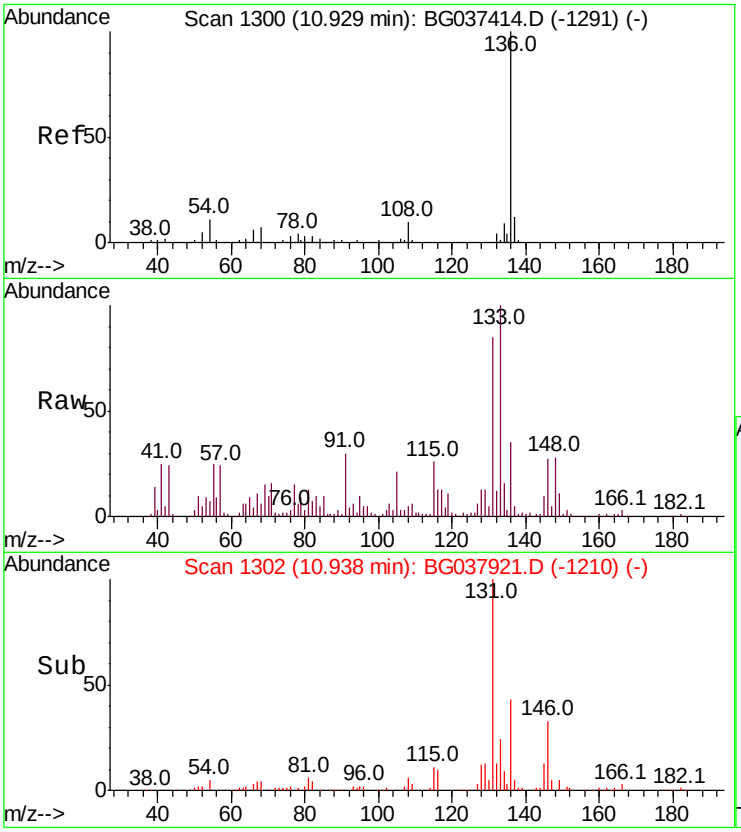


#10
Phenol
Concen: 8.853 ng
RT: 7.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion: 94 Resp: 44122

Ion	Ratio	Lower	Upper
94	100		
65	62.7	9.7	49.7#
66	47.4	15.9	55.9



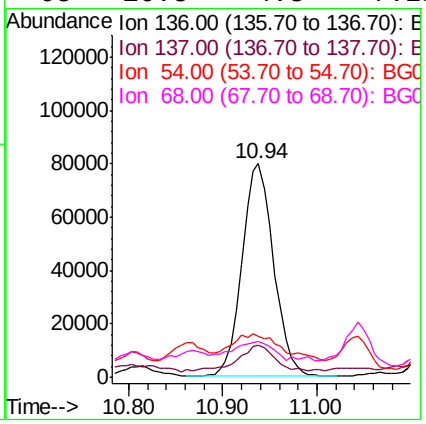


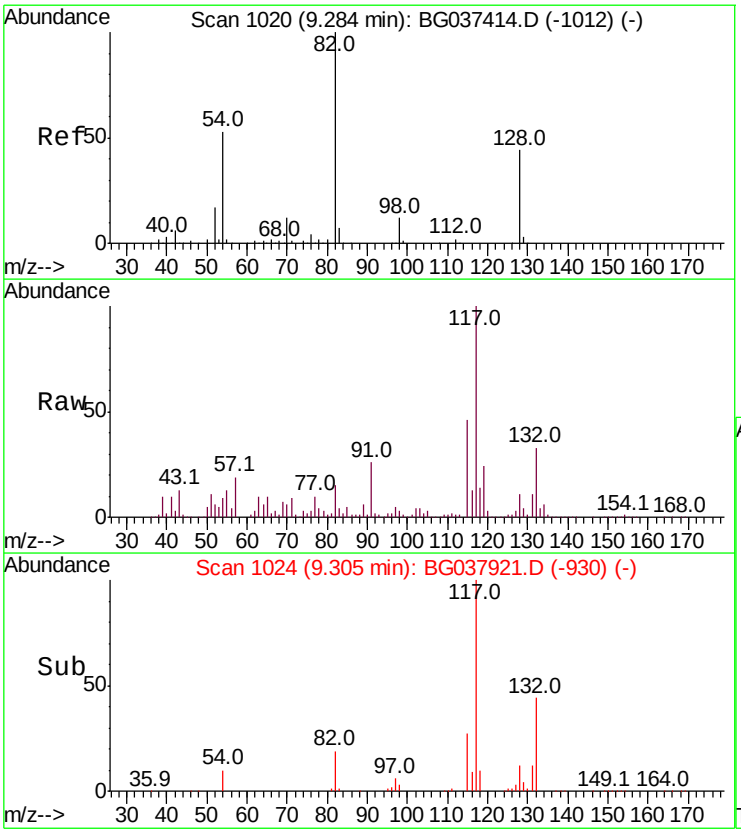
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:136 Resp: 185559

Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.6	14.4#
54	19.1	7.9	11.9#
68	16.8	4.8	7.2#

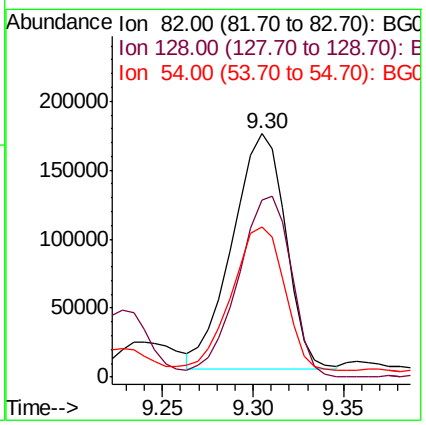


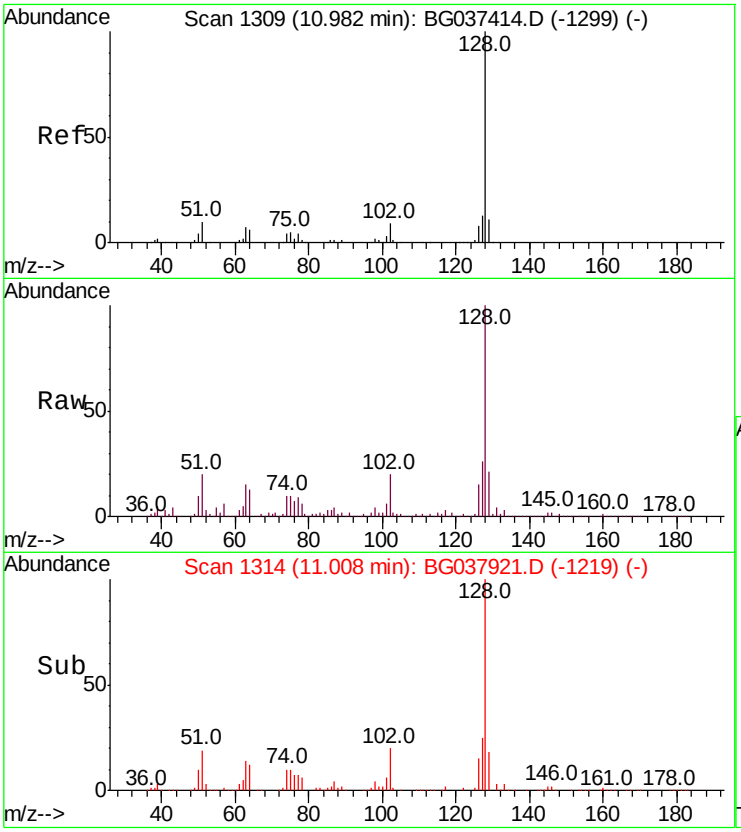


#23
Nitrobenzene-d5
Concen: 105.601 ng
RT: 9.30 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion: 82 Resp: 349795

Ion	Ratio	Lower	Upper
82	100		
128	72.7	34.6	51.8#
54	61.8	45.3	67.9



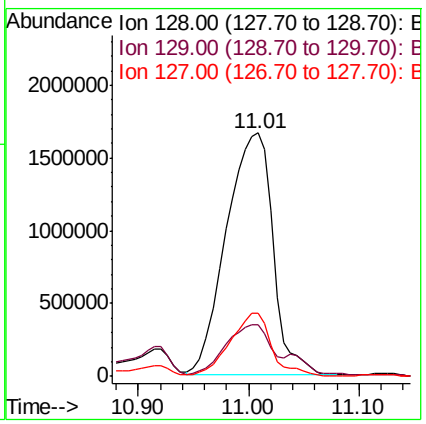


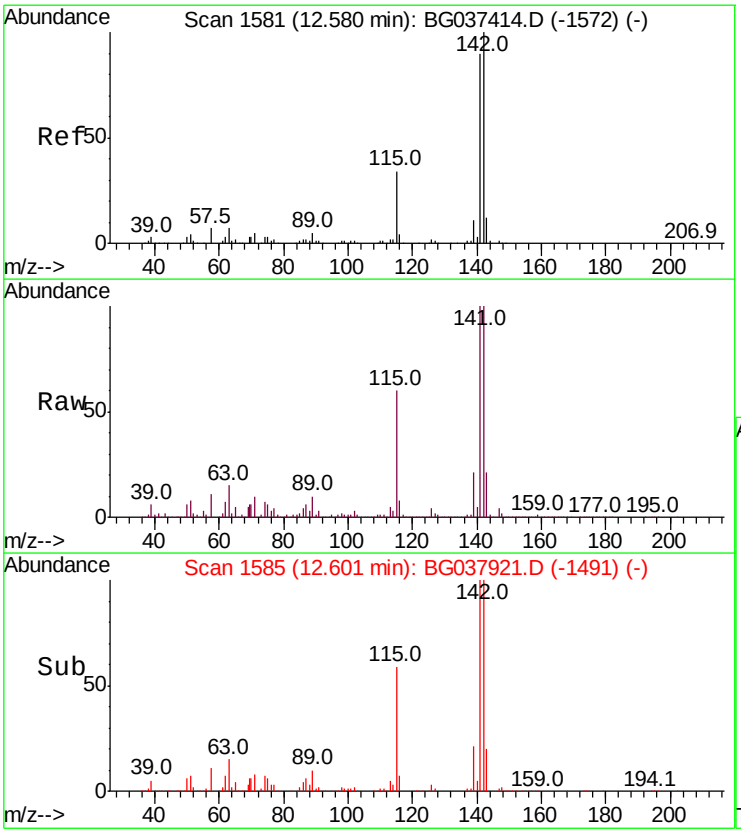
#31
Naphthalene
Concen: 537.398 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:128 Resp: 4897946

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.0	13.6#
127	25.8	11.1	16.7#

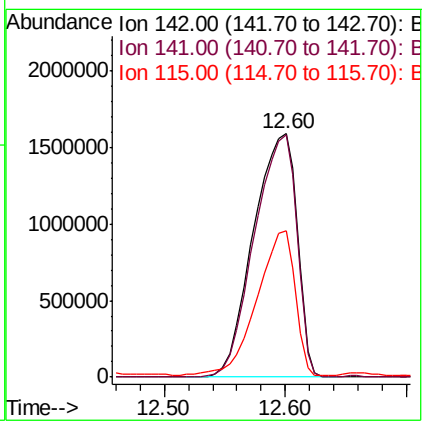


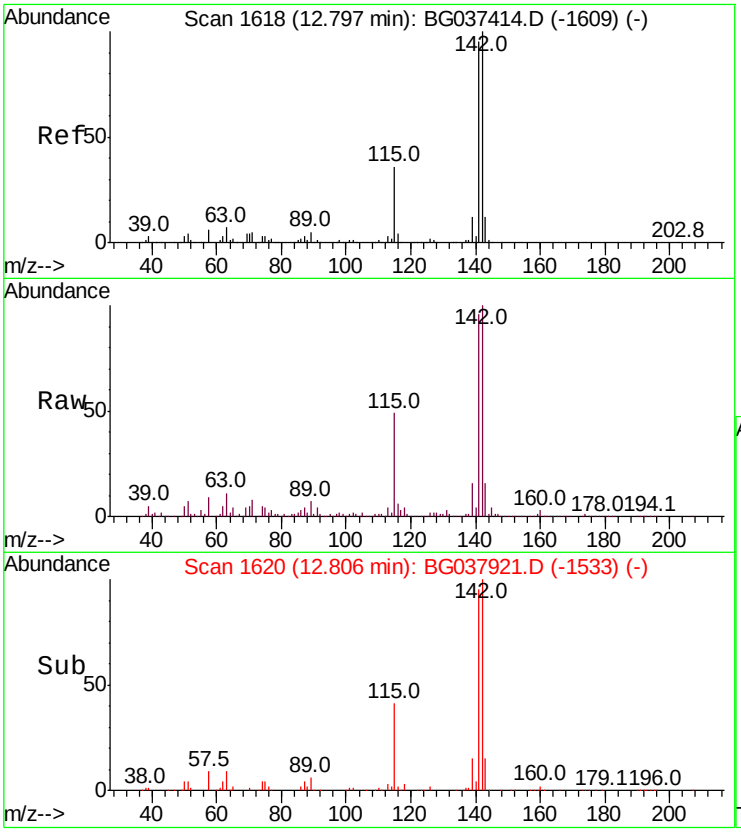


#37
2-Methylnaphthalene
Concen: 601.358 ng
RT: 12.60 min Scan# 1585
Delta R.T. 0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:142 Resp: 3995346

Ion	Ratio	Lower	Upper
142	100		
141	99.7	71.9	107.9
115	60.2	27.8	41.8#



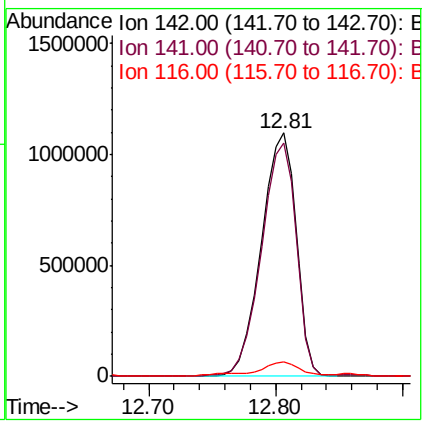


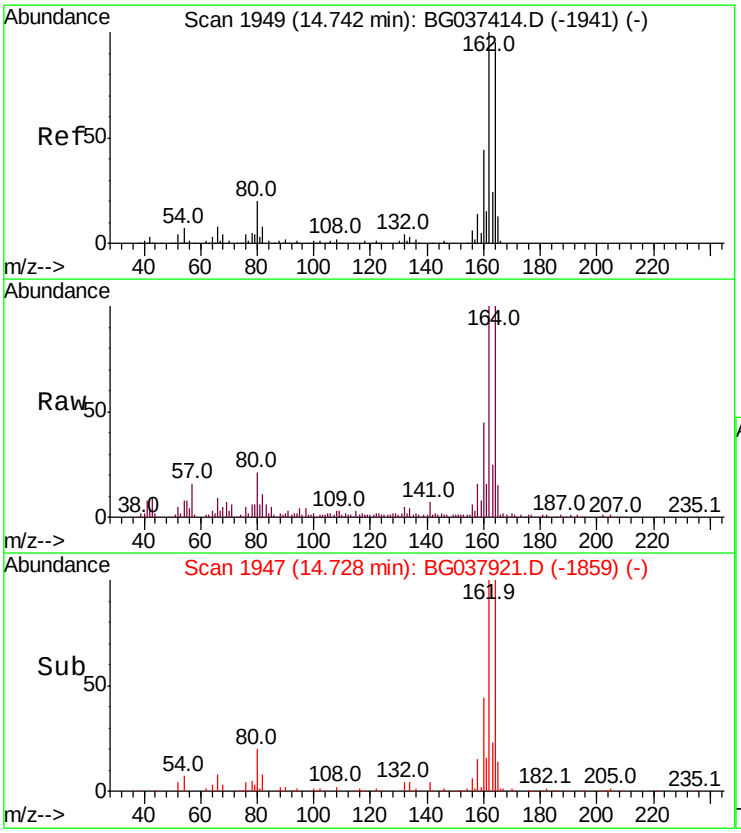
#38
1-Methylnaphthalene
Concen: 323.395 ng
RT: 12.81 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:142 Resp: 2086592

Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.2	112.8
116	6.1	3.3	4.9#

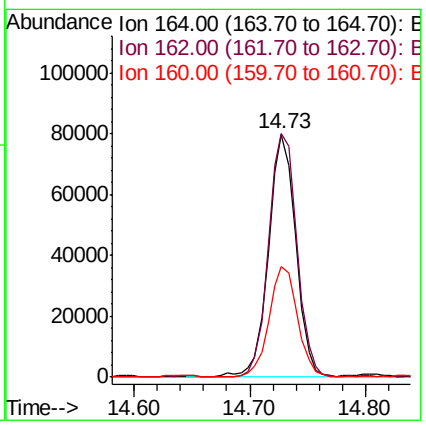


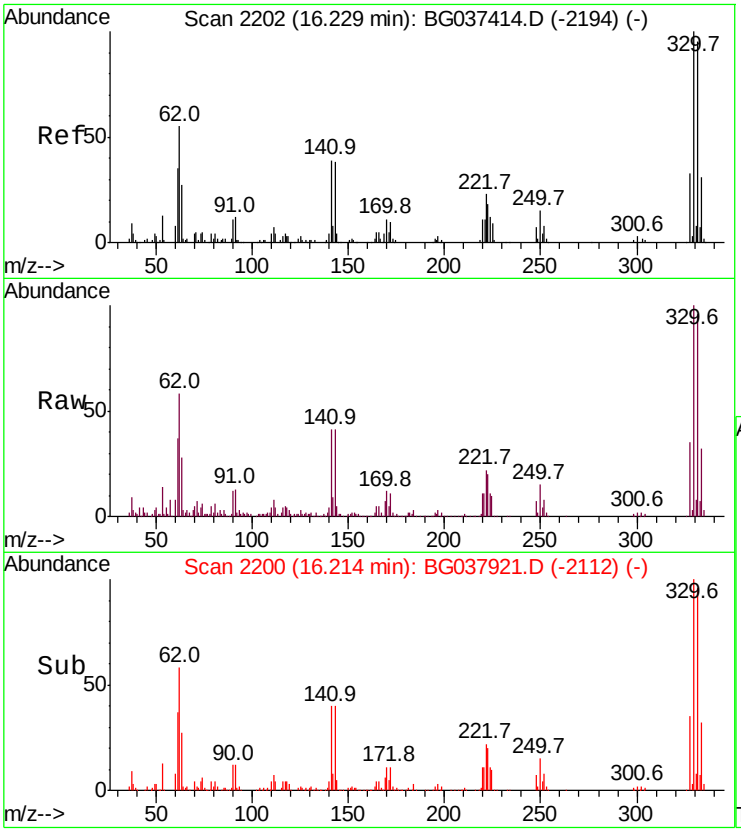


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:164 Resp: 131949

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	45.3	36.3	54.5



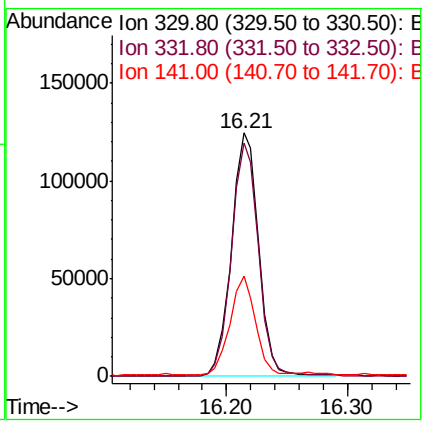


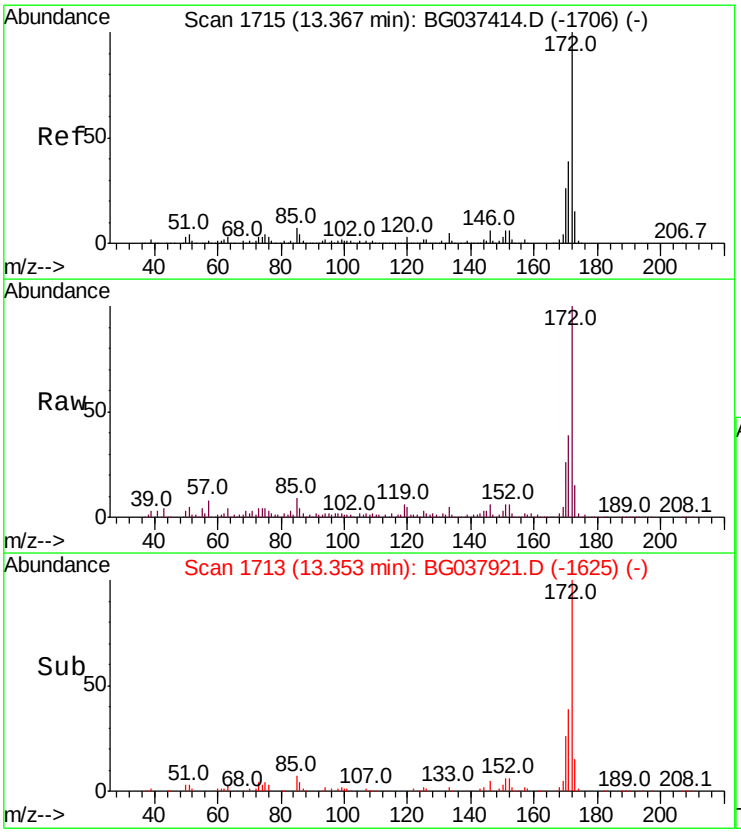
#42
2,4,6-Tribromophenol
Concen: 135.541 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:330 Resp: 195065

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	37.4	32.2	48.2

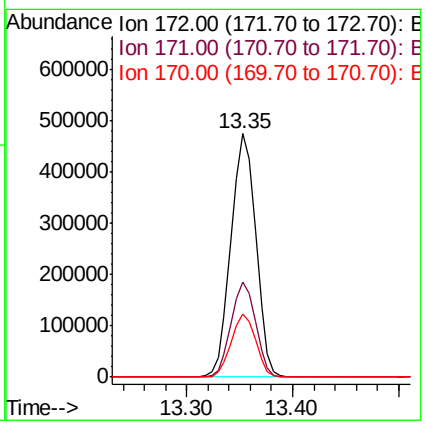


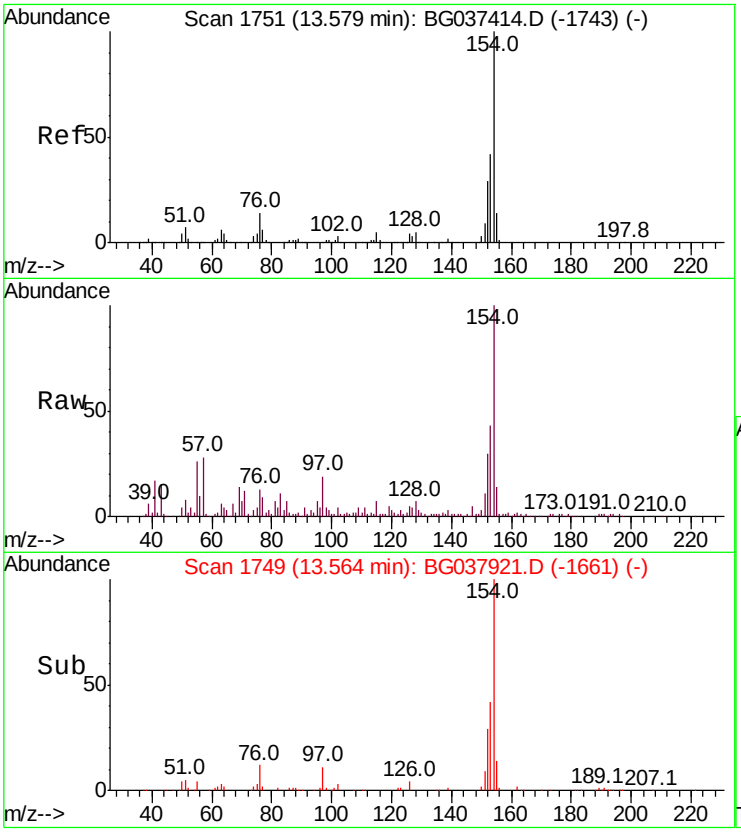


#45
2-Fluorobiphenyl
Concen: 87.825 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:172 Resp: 768491

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.1	20.2	30.2



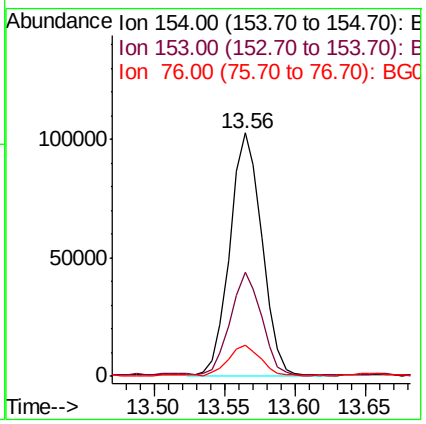


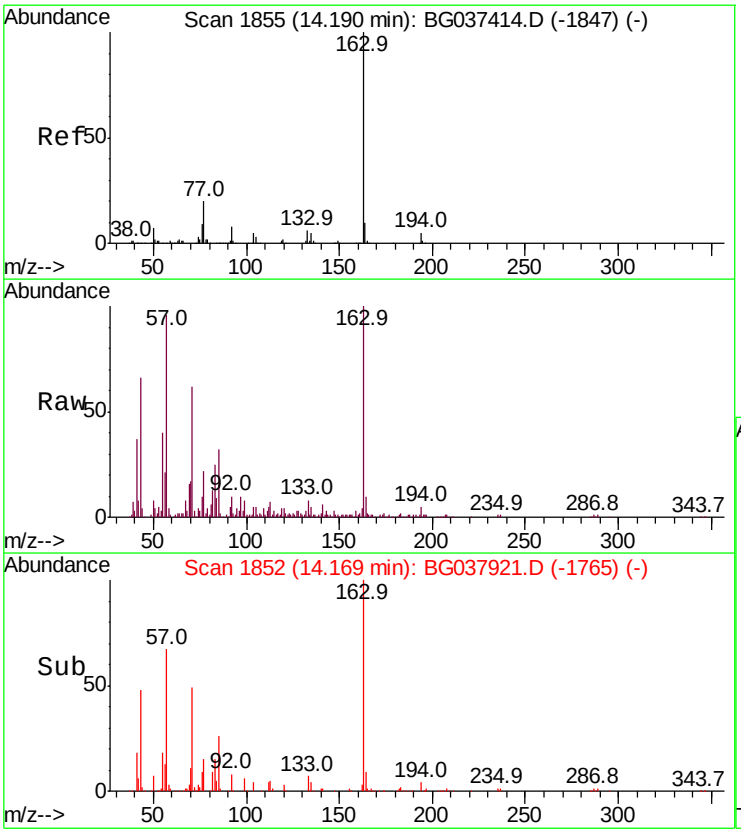
#46
1,1'-Biphenyl
Concen: 14.831 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:154 Resp: 162070

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	12.9	0.0	33.2

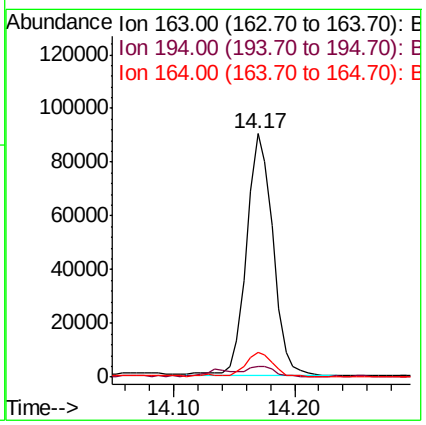


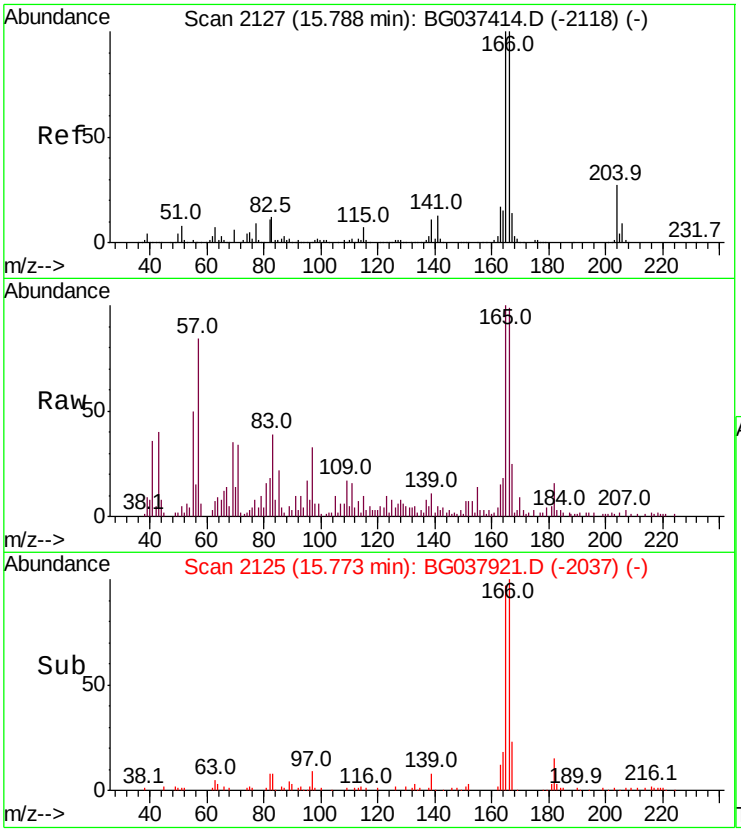


#50
Dimethylphthalate
Concen: 13.633 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:163 Resp: 139164

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.5	12.7



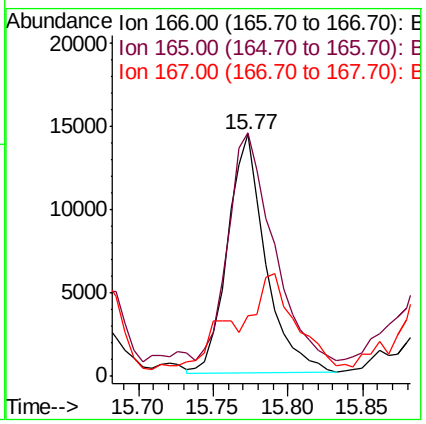


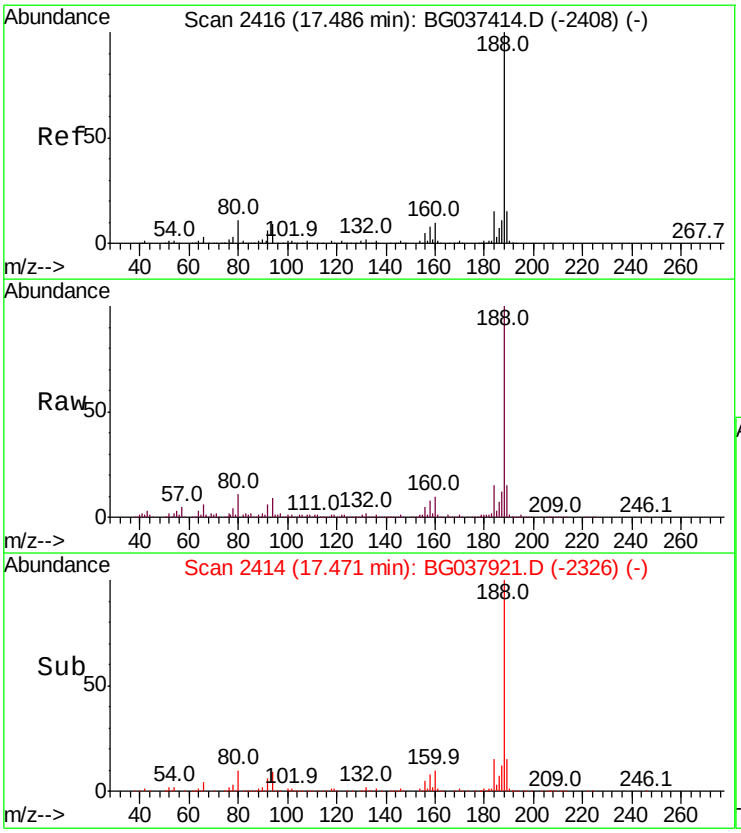
#58
Fluorene
Concen: 2.690 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:166 Resp: 25558

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.0	118.6
167	24.8	11.3	16.9#

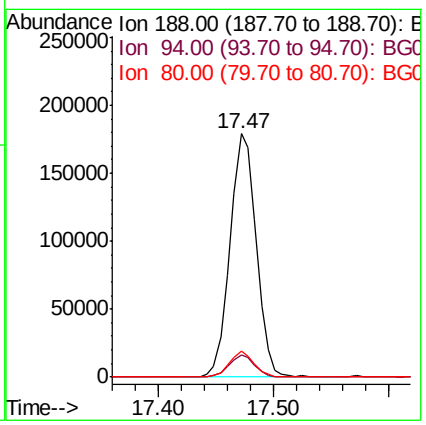


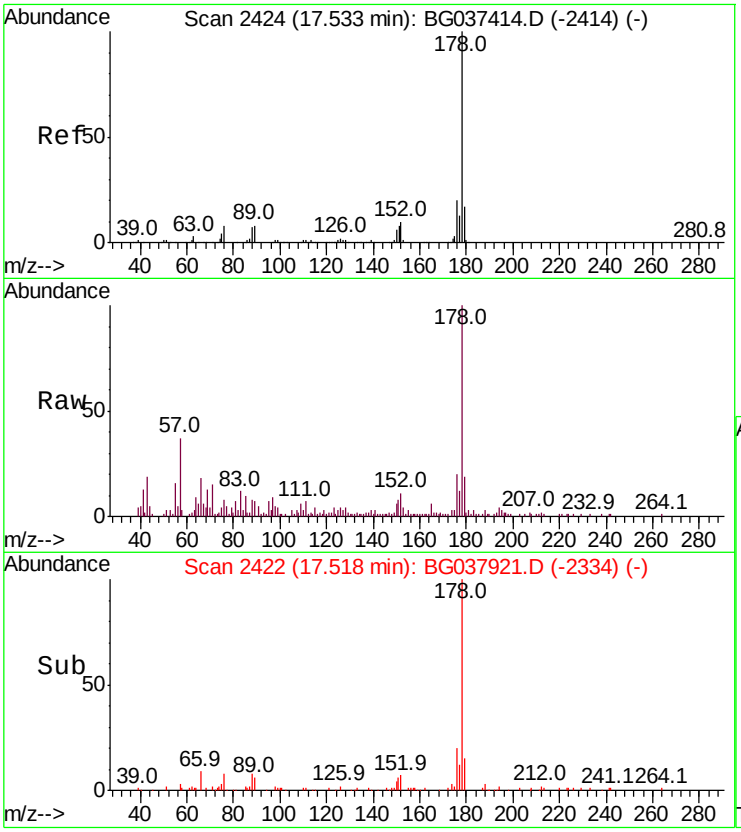


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:188 Resp: 281068

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.6	7.7	11.5



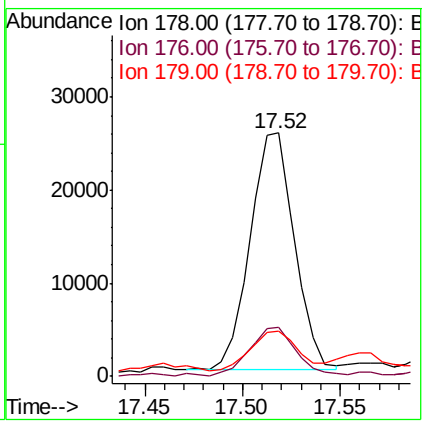


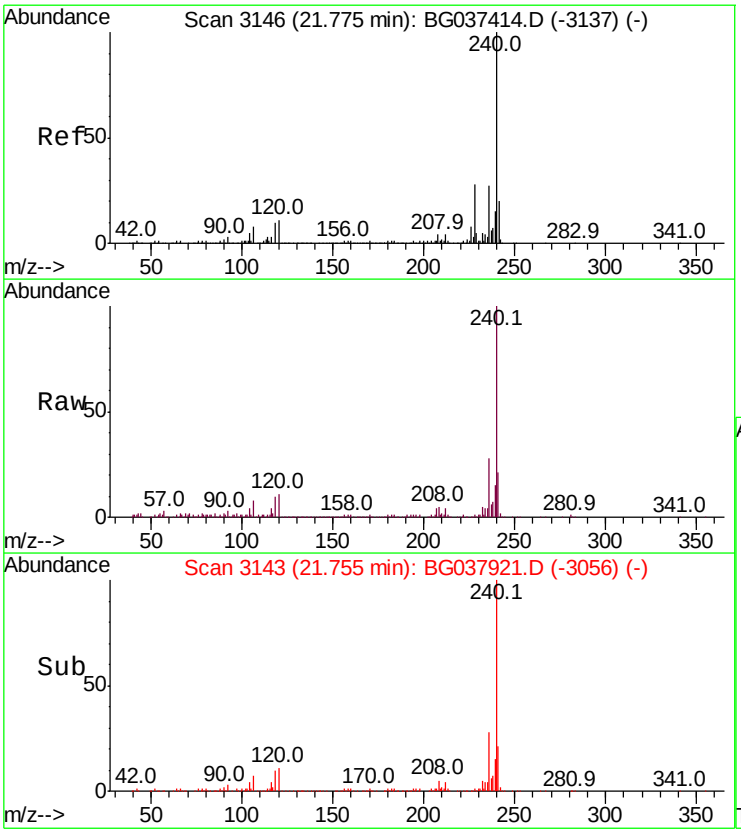
#71
Phenanthrene
Concen: 2.782 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:178 Resp: 39737

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	18.7	13.0	19.4

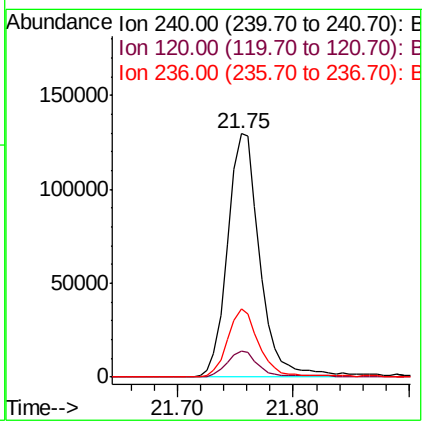


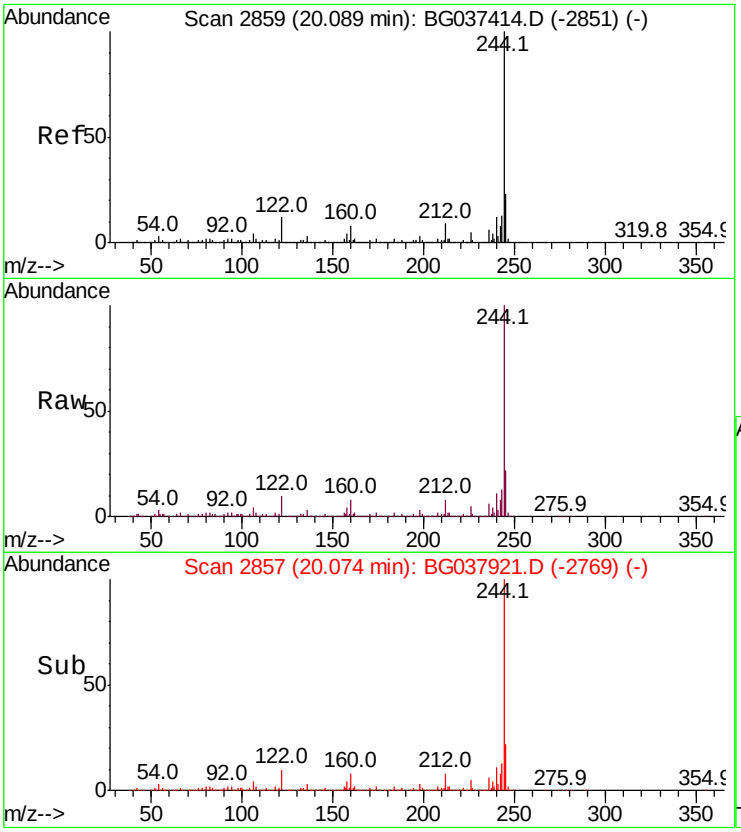


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:240 Resp: 250920

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0



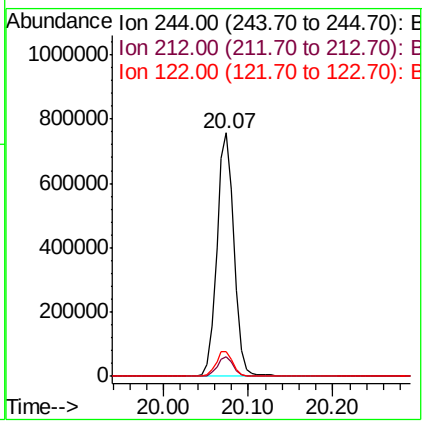


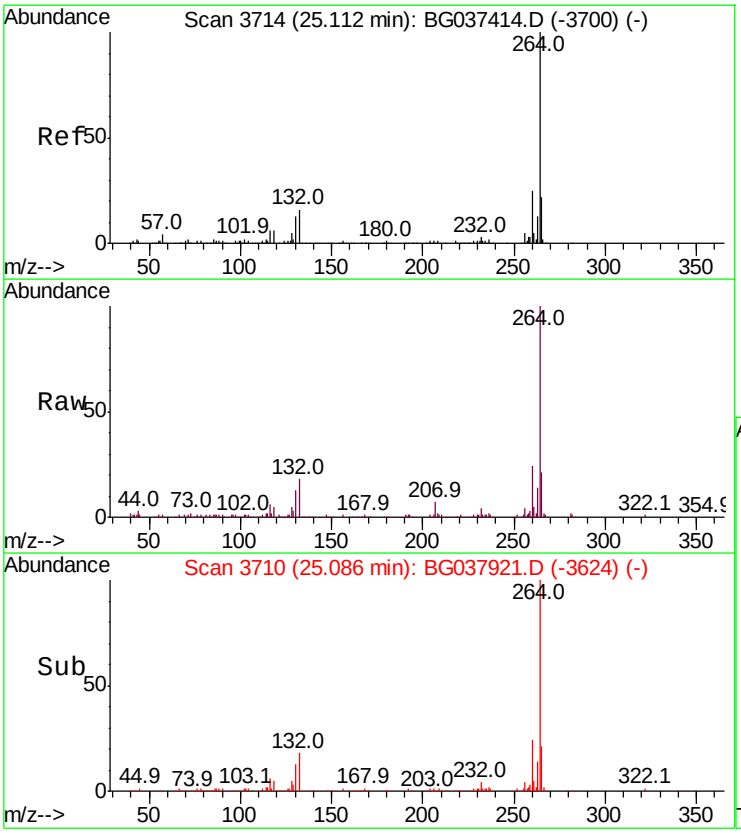
#79
Terphenyl-d14
Concen: 91.446 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tgt Ion:244 Resp: 1073850

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.4	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: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:264 Resp: 238559

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.6	17.9	26.9