Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015871.D
Acq On : 9 Jan 2015 16:03
Operator : TP/IZ
Sample : G1041-01
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9762

Quant Time: Jan 09 17:21:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30453	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	114962	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	84906	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	204542	20.00	ng		0.00
75) Chrysene-d12	21.30	240	270781	20.00	ng		0.00
86) Perylene-d12	23.57	264	220263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	168503	47.59	ng		0.00
7) Phenol-d6	6.92	99	240336	48.73	ng		0.00
23) Nitrobenzene-d5	8.89	82	176803	30.18	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	155860	48.29	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	378769	31.86	ng		0.00
78) Terphenyl-d14	19.74	244	750232	30.96	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.57	128	159367	26.17	ng	#	95
37) 2-Methylnaphthalene	12.18	142	78678	17.26	ng		94
49) Dimethylphthalate	13.83	163	12583	2.01	ng	#	95
57) Fluorene	15.42	166	16035	2.50	ng		96
70) Phenanthrene	17.16	178	153377	14.09	ng		95
71) Anthracene	17.25	178	34257	3.17	ng		98
74) Fluoranthene	19.17	202	180599	10.97	ng		99
77) Pyrene	19.54	202	175822	12.14	ng		98
80) Benzo(a)anthracene	21.28	228	83624	5.20	ng		97
82) Chrysene	21.34	228	85966m	5.82	ng		
83) Bis(2-ethylhexyl)phthalate	21.21	149	41971	5.32	ng	#	89
84) Di-n-octyl phthalate	22.10	149	1329475	103.52	ng		98
87) Benzo(b)fluoranthene	22.89	252	73712m	5.36	ng		
88) Benzo(k)fluoranthene	22.92	252	35463m	2.68	ng		
89) Benzo(a)pyrene	23.47	252	60034	4.85	ng	#	94
91) Benzo(g,h,i)perylene	26.58	276	26669	2.20	ng	#	90

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015871.D
Acq On : 9 Jan 2015 16:03
Operator : TP/IZ
Sample : G1041-01
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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LAR9762

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
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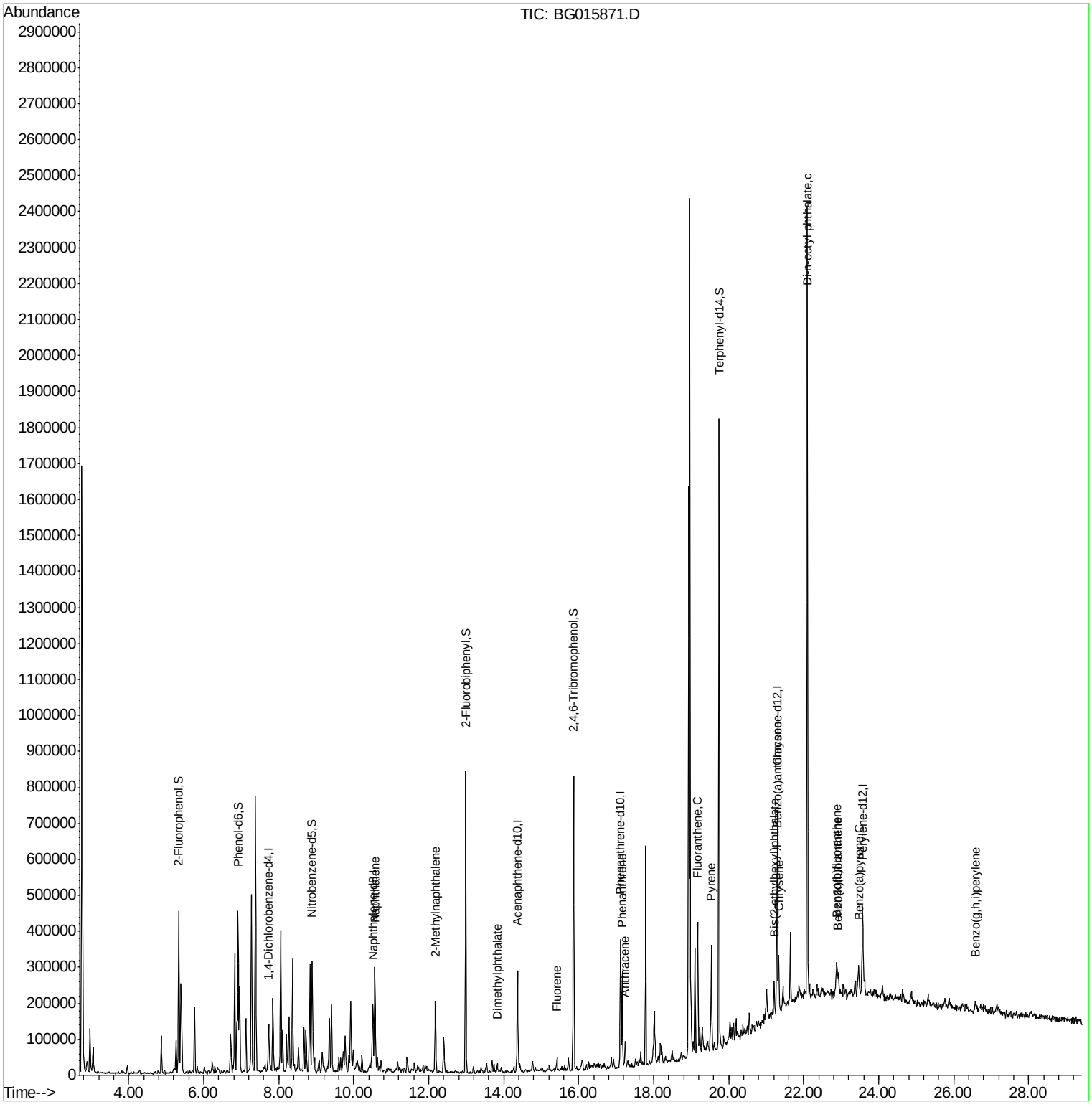
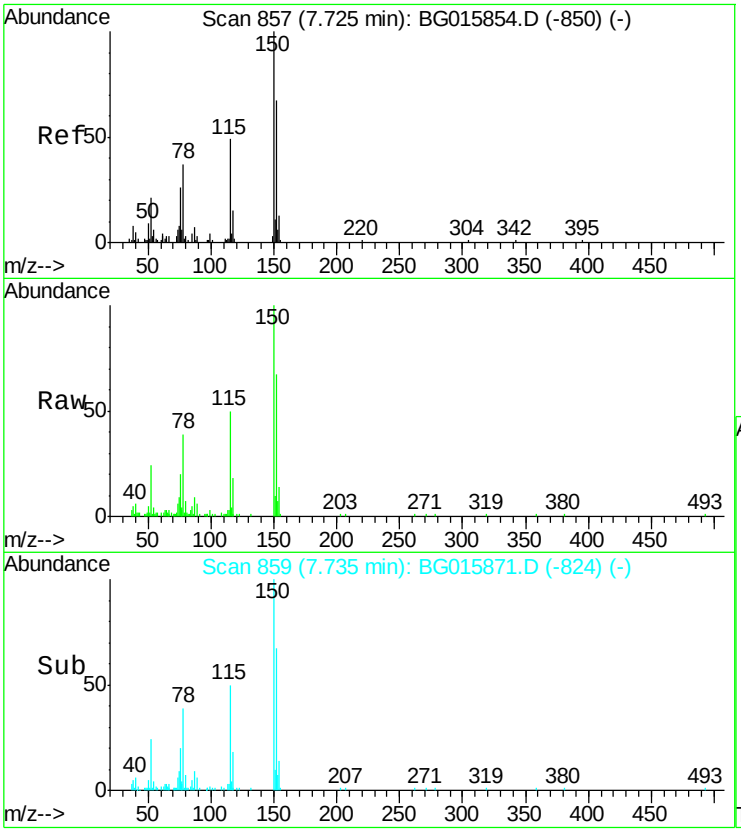


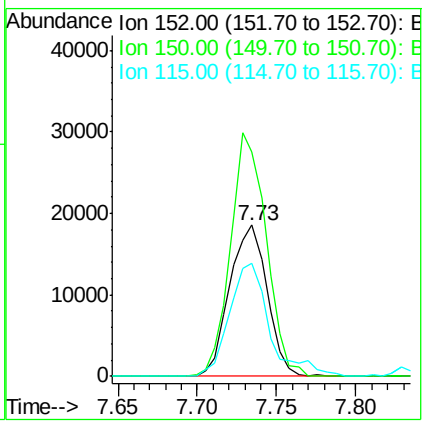


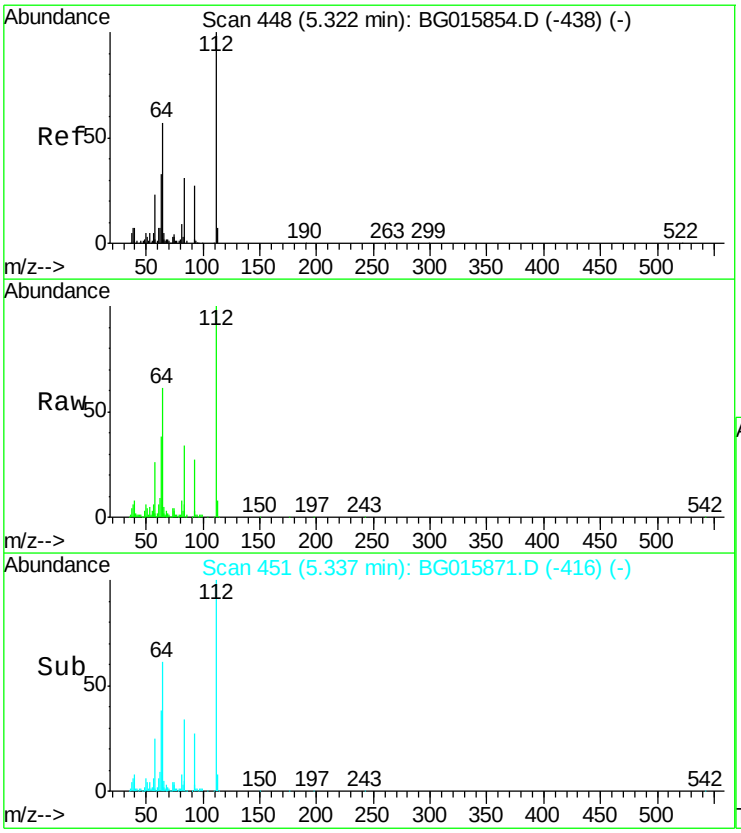
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 859
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:152 Resp: 30453

Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.5	180.7
115	74.4	54.0	81.0

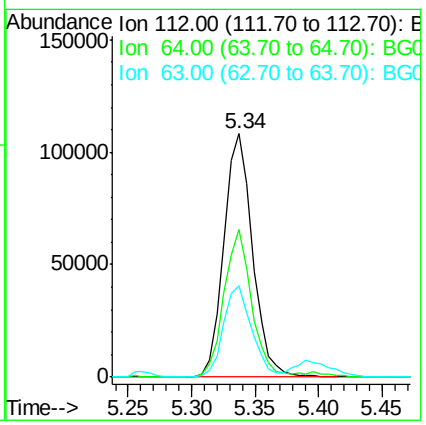


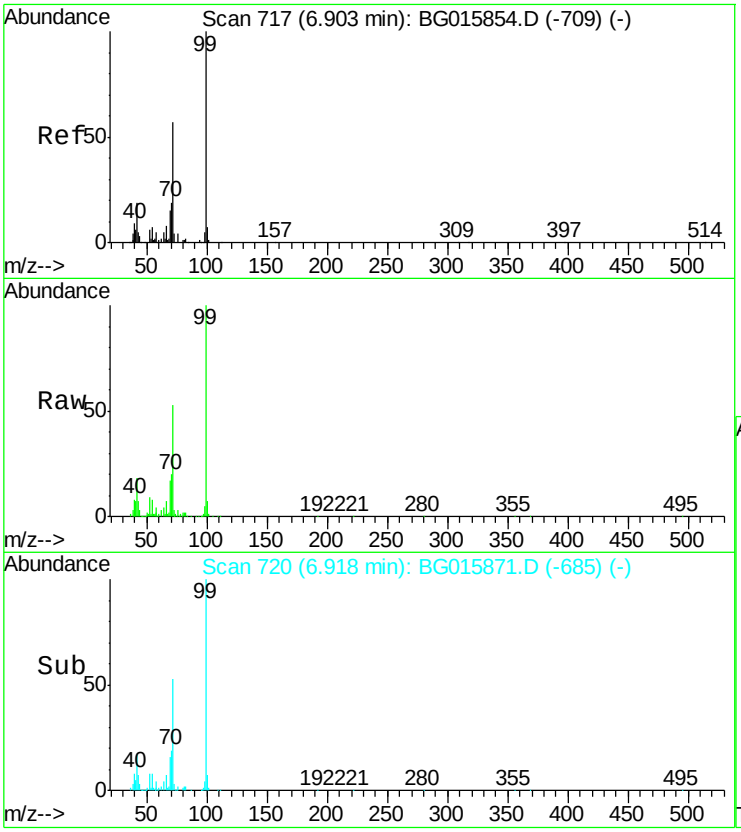


#5
2-Fluorophenol
Concen: 47.59 ng
RT: 5.34 min Scan# 451
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:112 Resp: 168503

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.8	70.2
63	37.7	30.6	45.8



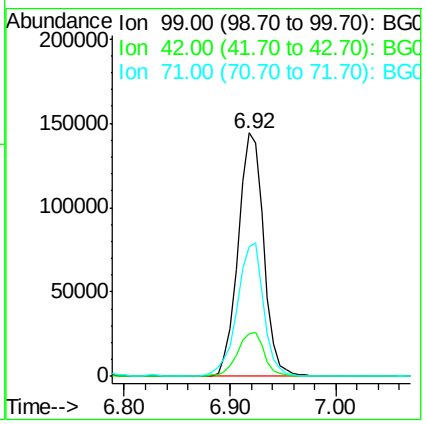


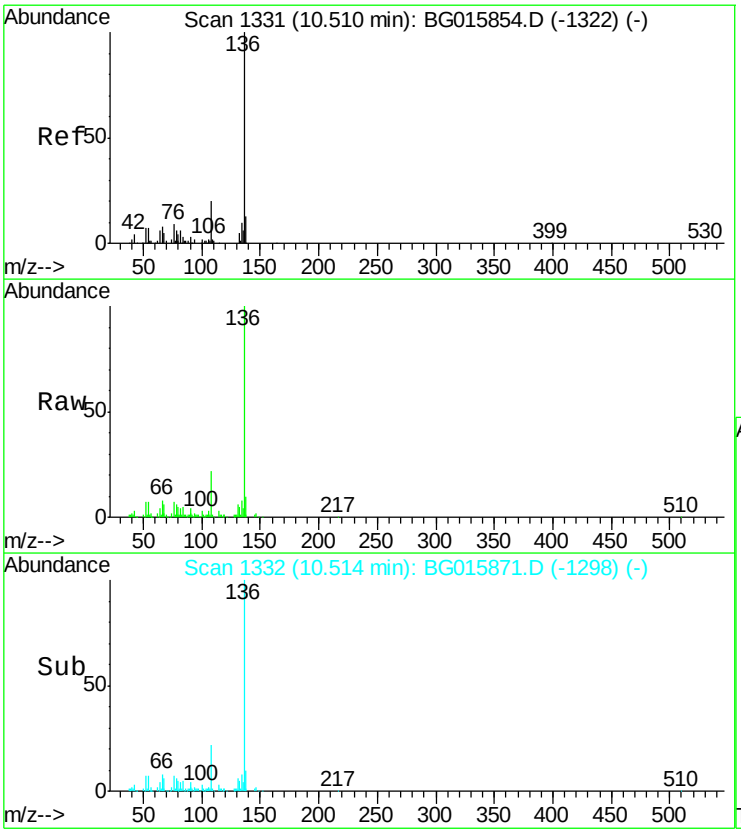
#7
Phenol-d6
Concen: 48.73 ng
RT: 6.92 min Scan# 720
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion: 99 Resp: 240336

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	53.1	42.8	64.2

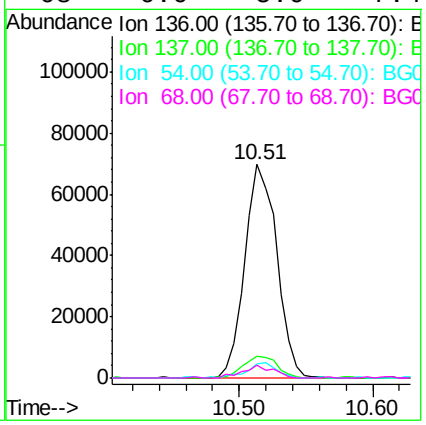


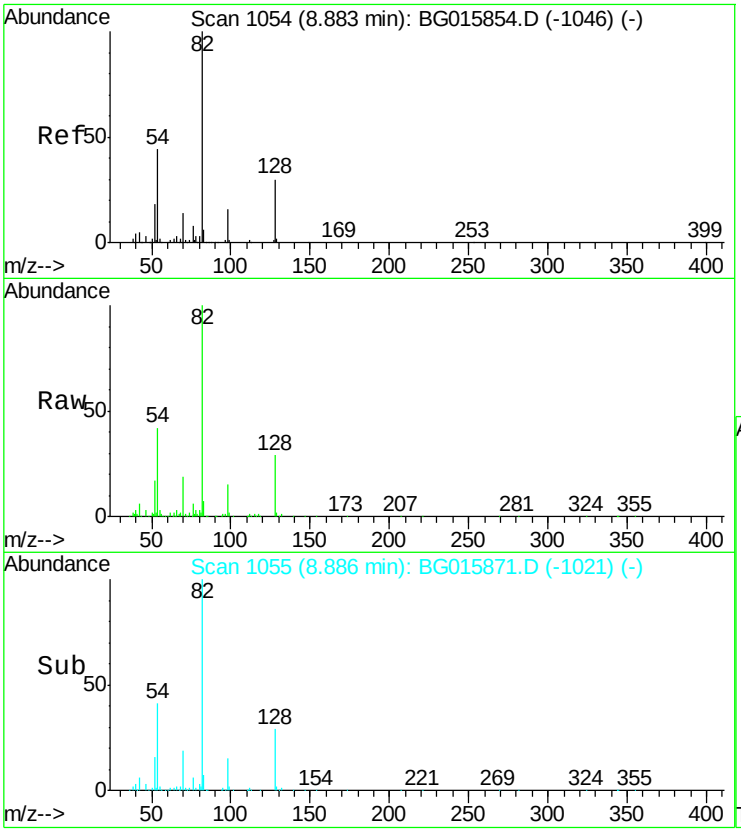


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:136 Resp: 114962

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	6.9	4.5	6.7#
68	6.0	5.0	7.4



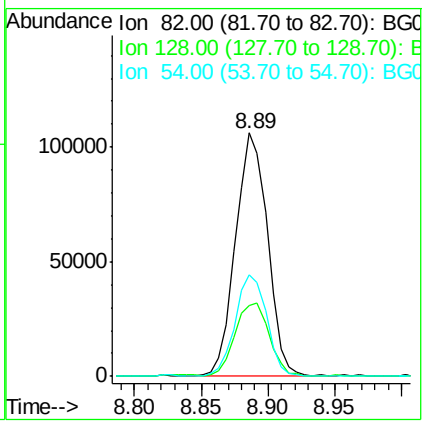


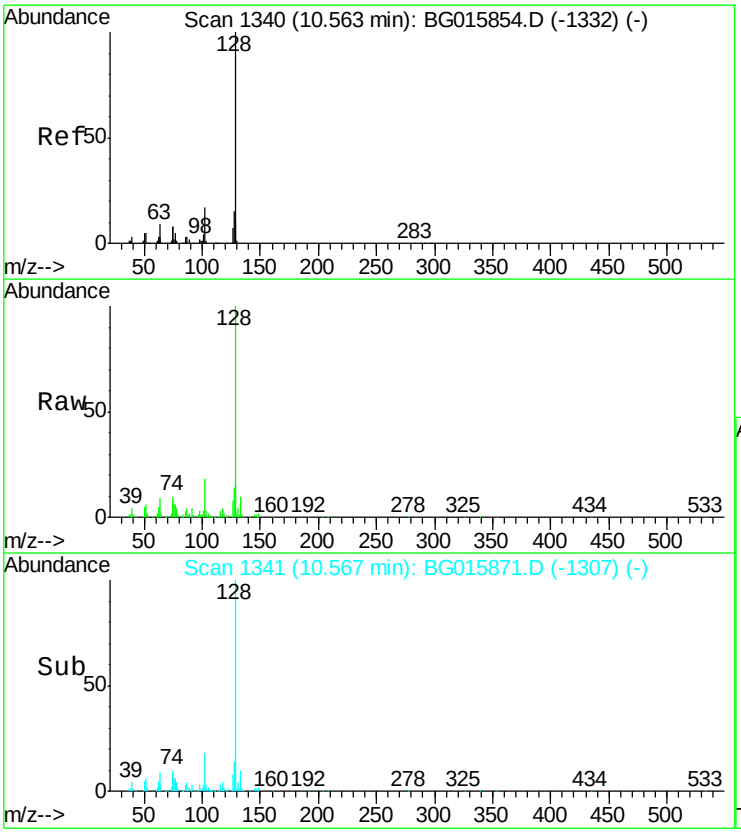
#23
Nitrobenzene-d5
Concen: 30.18 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion: 82 Resp: 176803

Ion	Ratio	Lower	Upper
82	100		
128	29.1	23.4	35.0
54	41.6	32.3	48.5

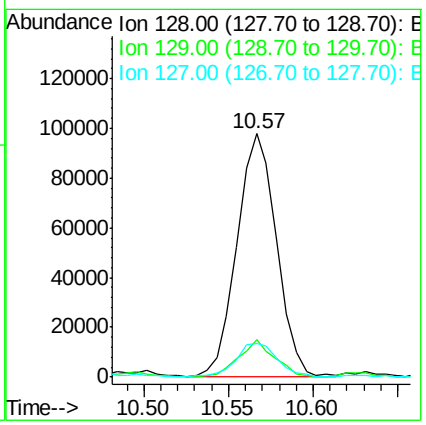


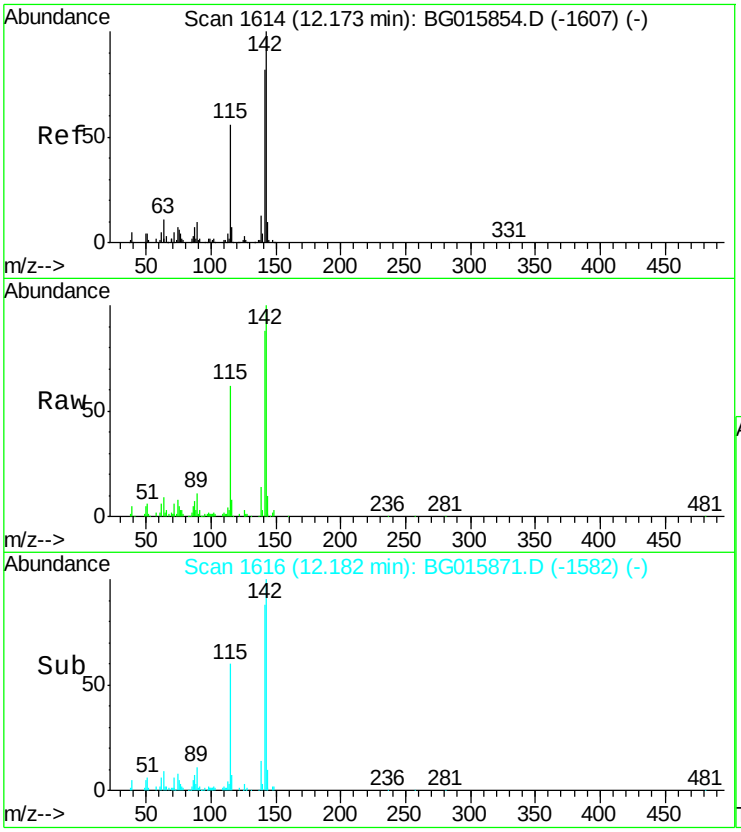


#31
Naphthalene
Concen: 26.17 ng
RT: 10.57 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:128 Resp: 159367

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.4	14.2#
127	14.1	10.6	15.8



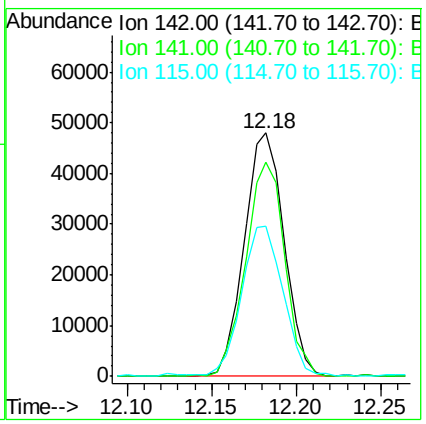


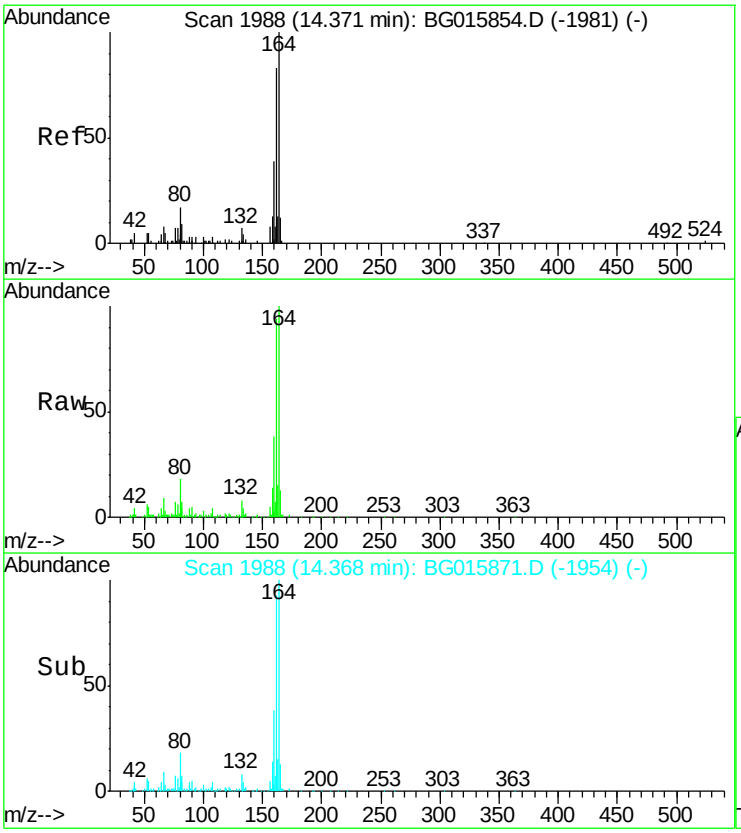
#37
2-Methylnaphthalene
Concen: 17.26 ng
RT: 12.18 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:142 Resp: 78678

Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.3	100.9
115	61.7	44.3	66.5

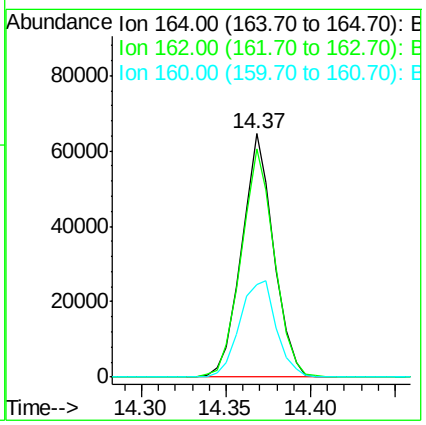


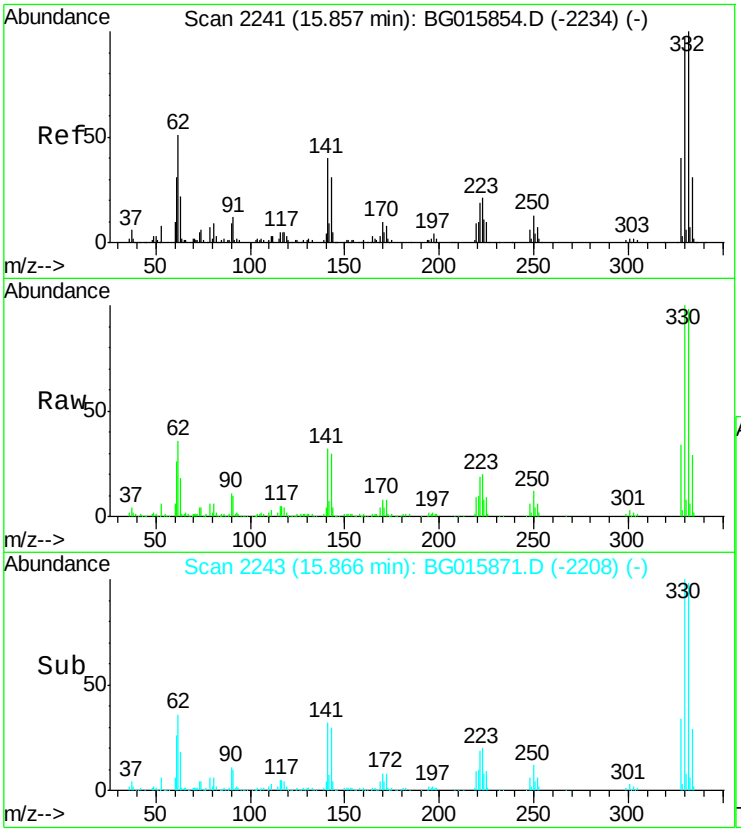


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:164 Resp: 84906

Ion	Ratio	Lower	Upper
164	100		
162	93.7	75.5	113.3
160	38.1	37.4	56.0



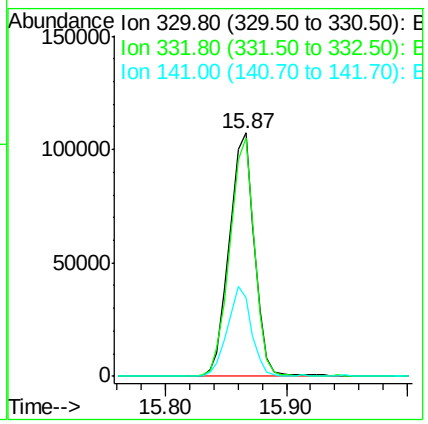


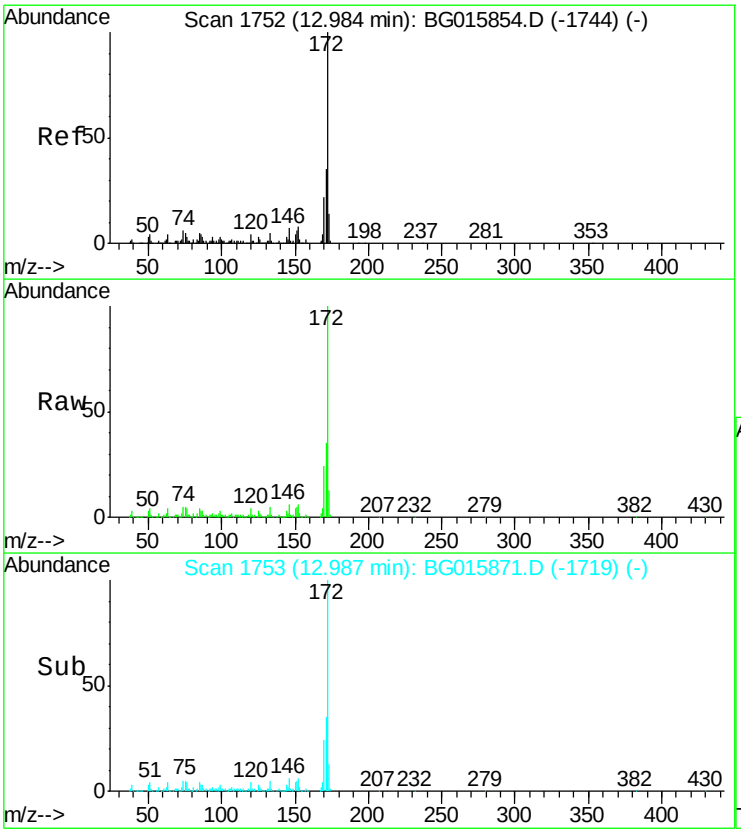
#41
2,4,6-Tribromophenol
Concen: 48.29 ng
RT: 15.87 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:330 Resp: 155860

Ion	Ratio	Lower	Upper
330	100		
332	95.8	73.8	110.8
141	35.4	27.2	40.8

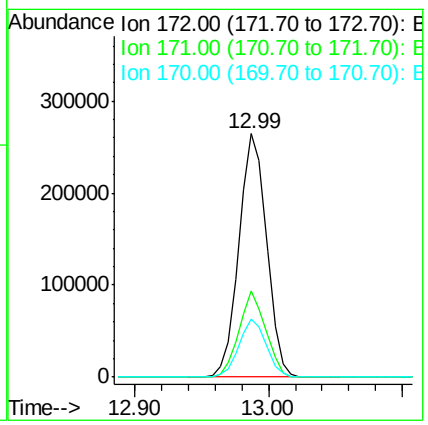


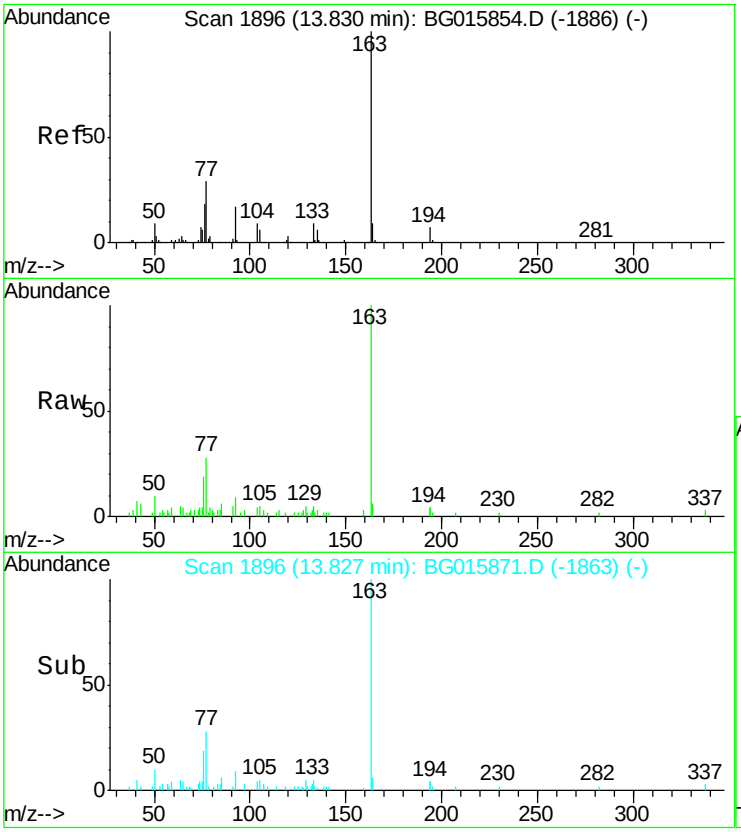


#44
2-Fluorobiphenyl
Concen: 31.86 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:172 Resp: 378769

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	18.2	27.4



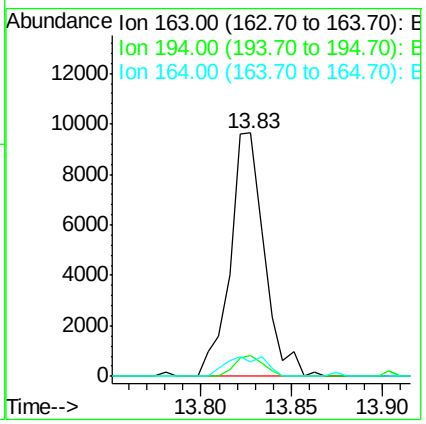


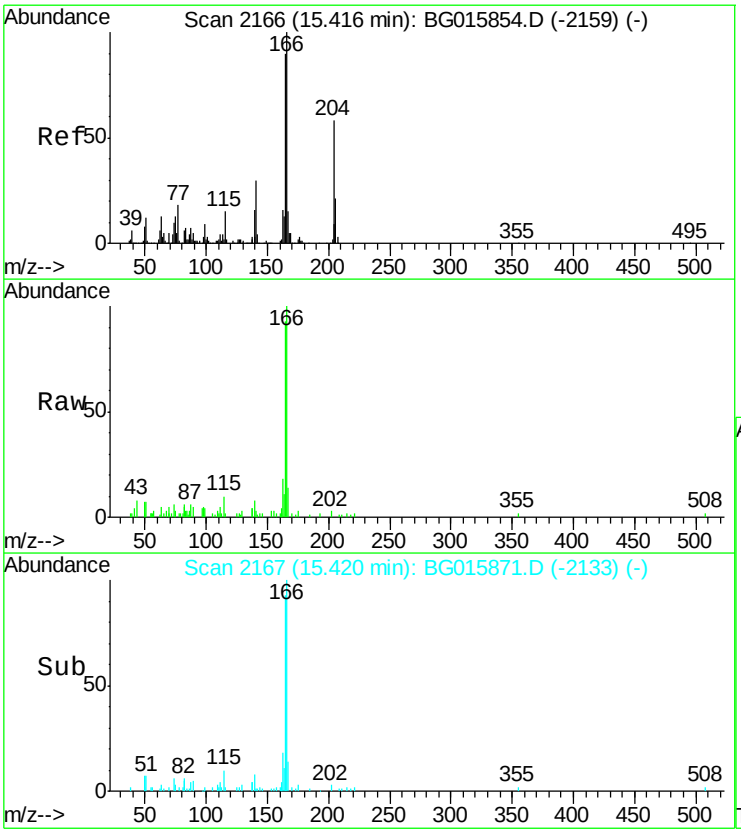
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 13.83 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:163 Resp: 12583

Ion	Ratio	Lower	Upper
163	100		
194	8.4	6.7	10.1
164	5.8	7.4	11.0#

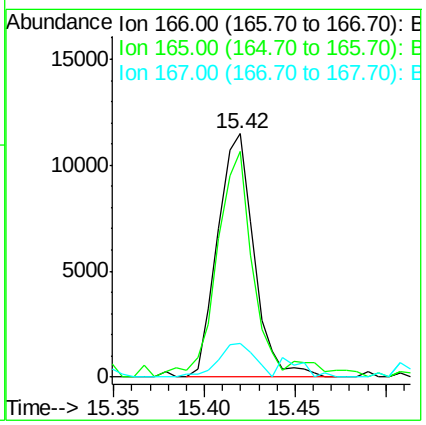


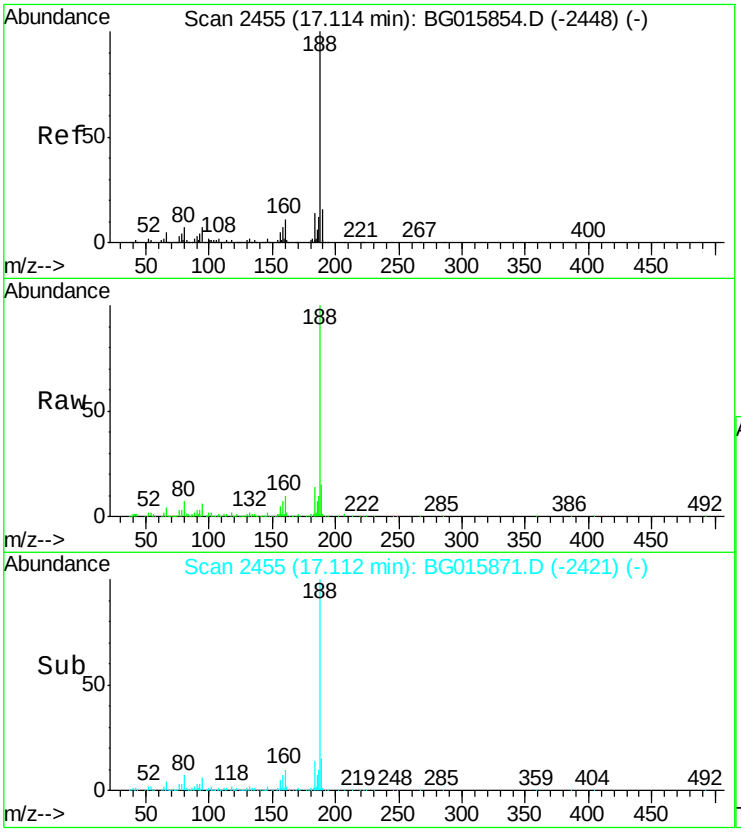


#57
Fluorene
Concen: 2.50 ng
RT: 15.42 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:166 Resp: 16035

Ion	Ratio	Lower	Upper
166	100		
165	92.7	77.7	116.5
167	14.1	11.2	16.8



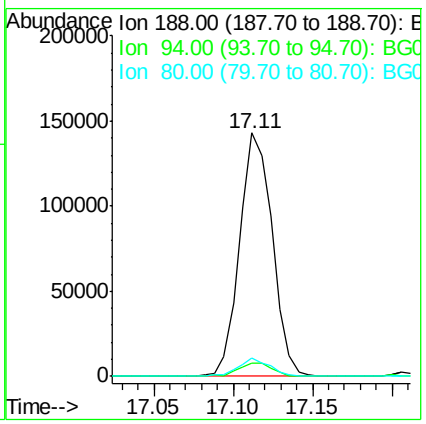


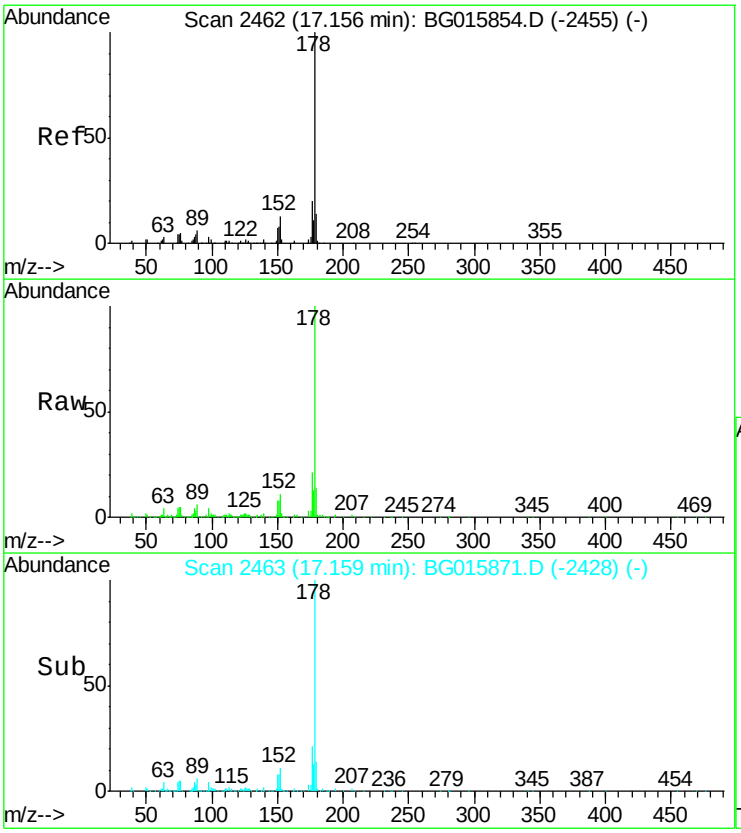
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:188 Resp: 204542

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.4	8.0
80	7.3	6.6	9.8

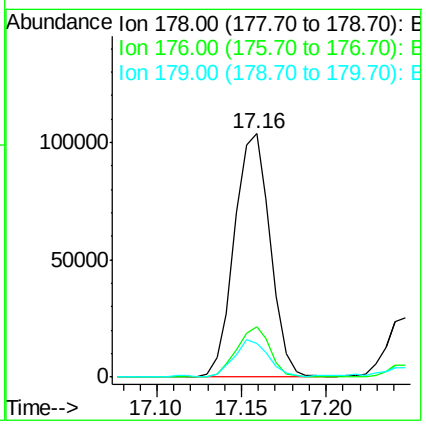


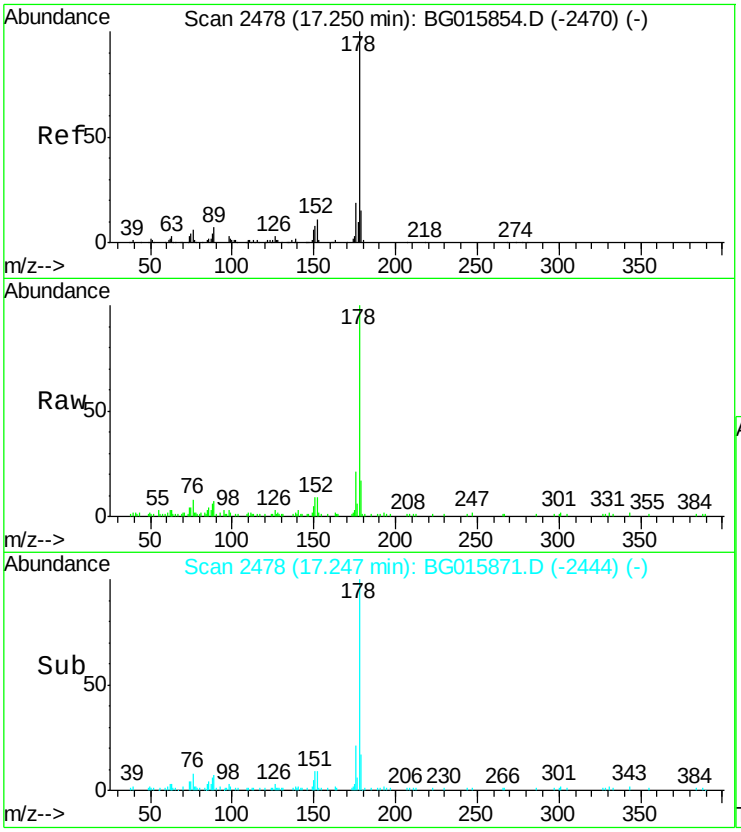


#70
Phenanthrene
Concen: 14.09 ng
RT: 17.16 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:178 Resp: 153377

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.5	21.7
179	14.0	12.6	19.0



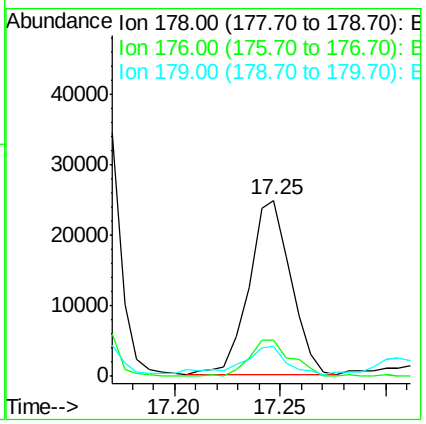


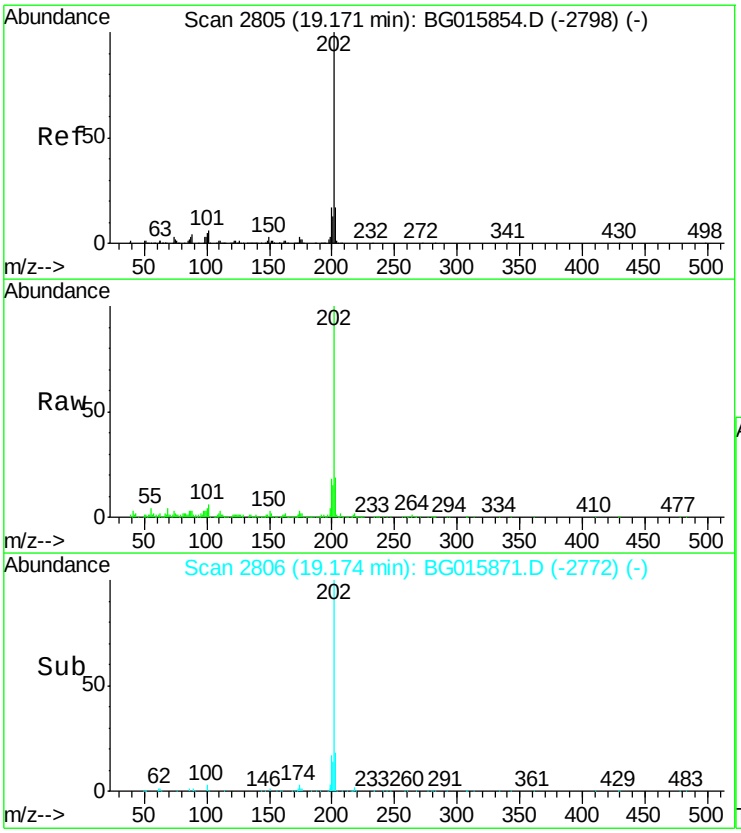
#71
Anthracene
Concen: 3.17 ng
RT: 17.25 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:178 Resp: 34257

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	16.7	12.6	18.8

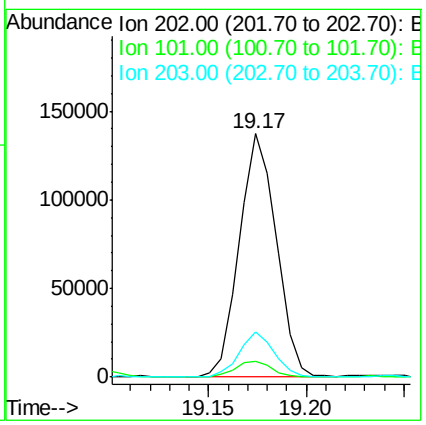


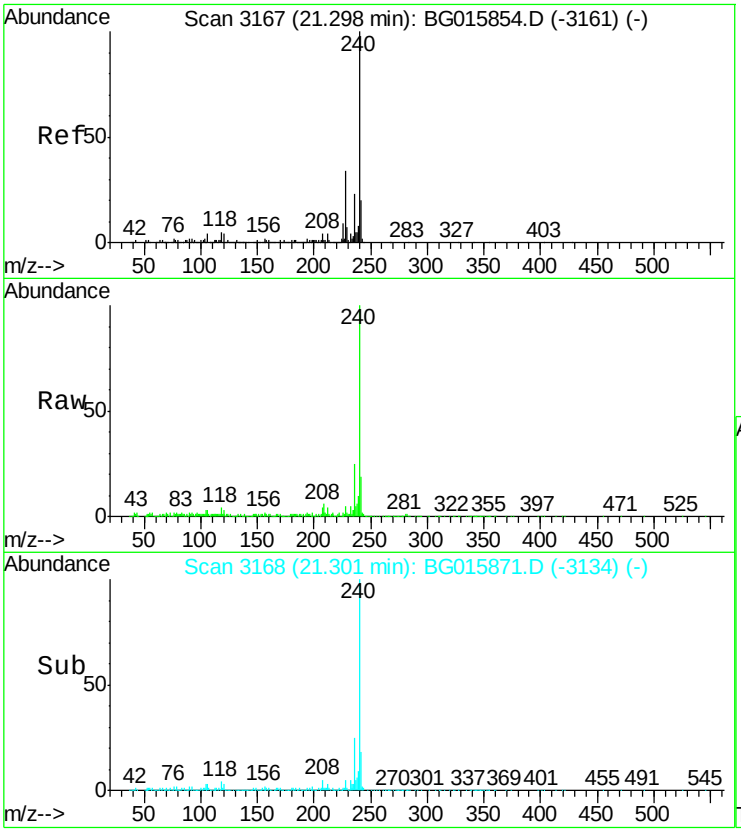


#74
Fluoranthene
Concen: 10.97 ng
RT: 19.17 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:202 Resp: 180599

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.1
203	18.7	0.0	38.0



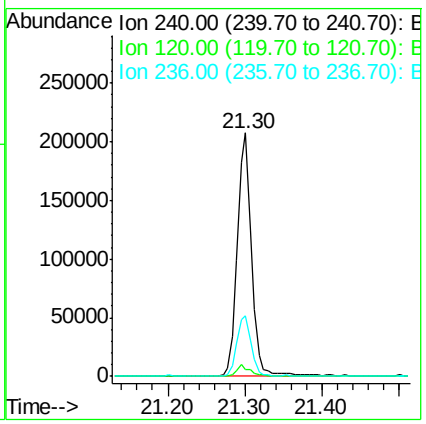


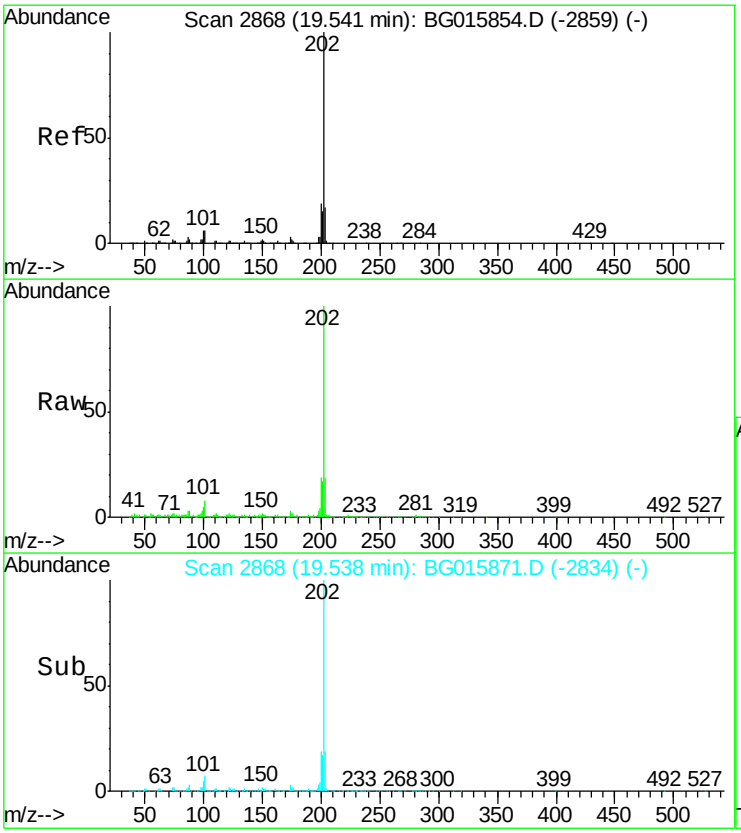
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:240 Resp: 270781

Ion	Ratio	Lower	Upper
240	100		
120	2.9	3.4	5.2#
236	25.1	19.0	28.6

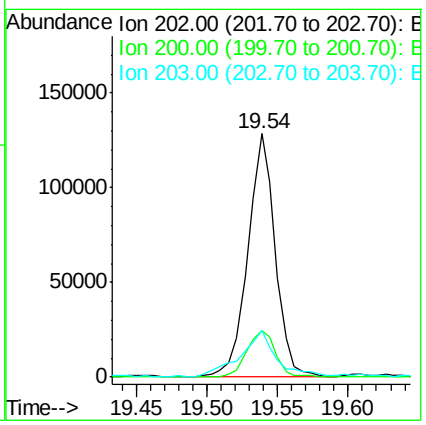


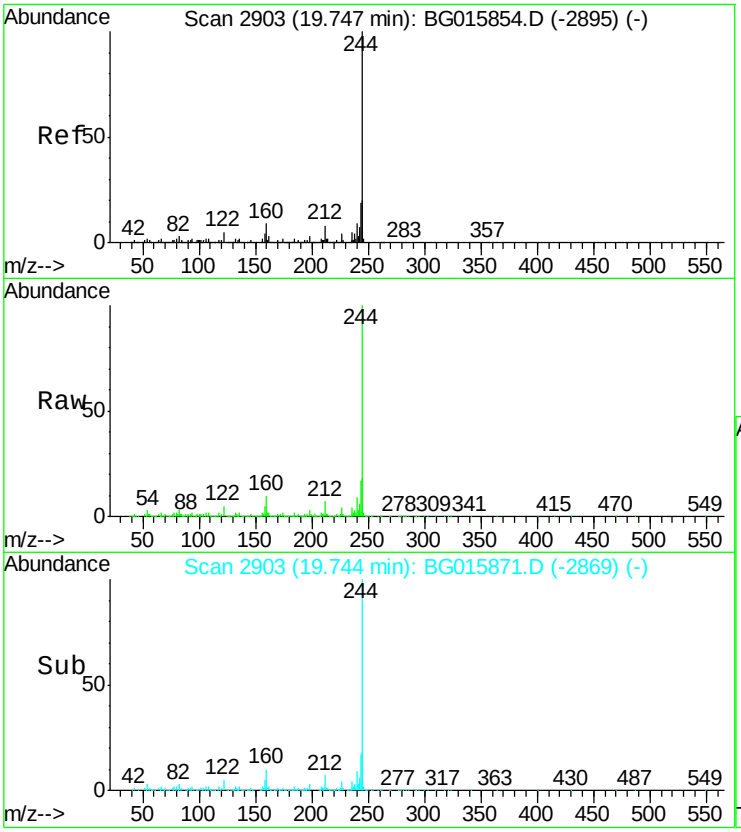


#77
Pyrene
Concen: 12.14 ng
RT: 19.54 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:202 Resp: 175822

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.1	22.7
203	18.9	14.2	21.4



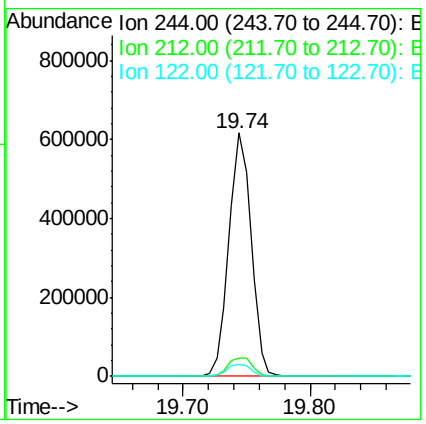


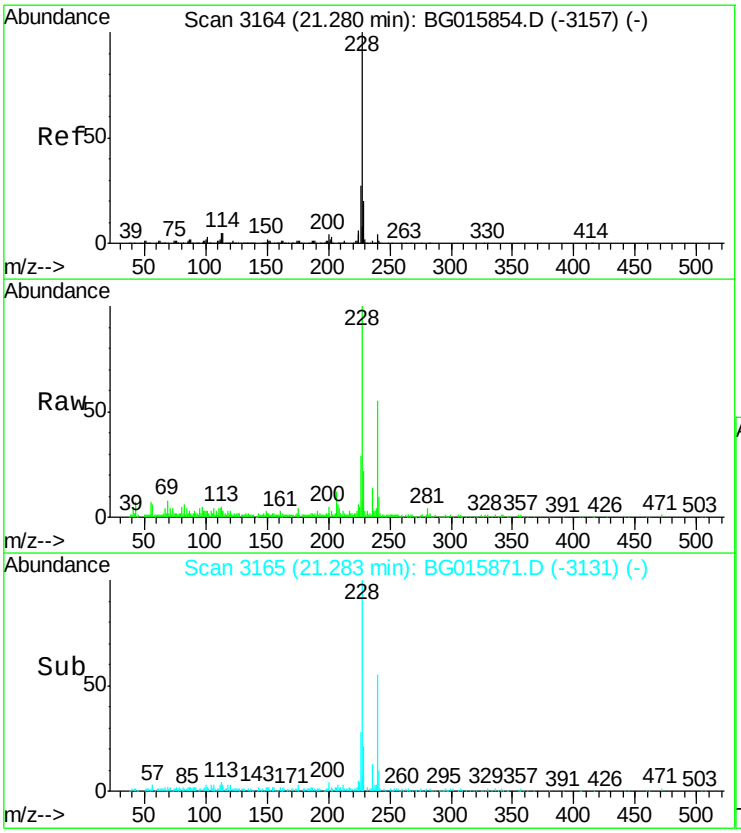
#78
Terphenyl-d14
Concen: 30.96 ng
RT: 19.74 min Scan# 2903
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:244 Resp: 750232

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	9.8
122	4.9	4.7	7.1

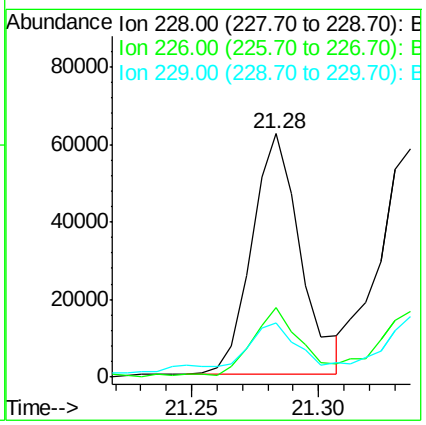


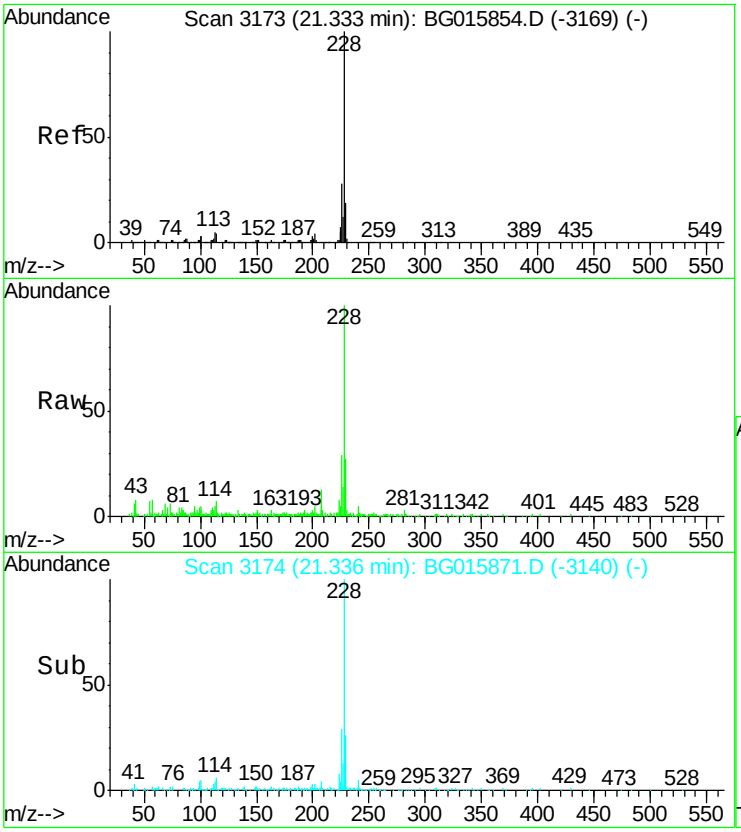


#80
Benzo(a)anthracene
Concen: 5.20 ng
RT: 21.28 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:228 Resp: 83624

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.2
229	22.1	16.8	25.2



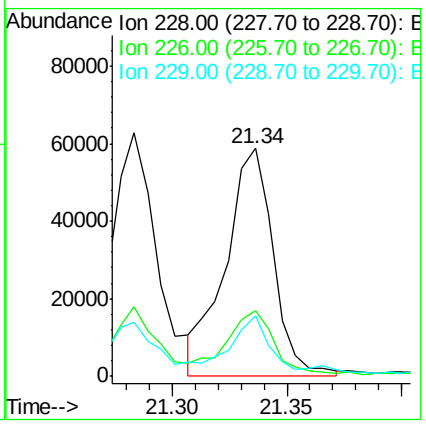


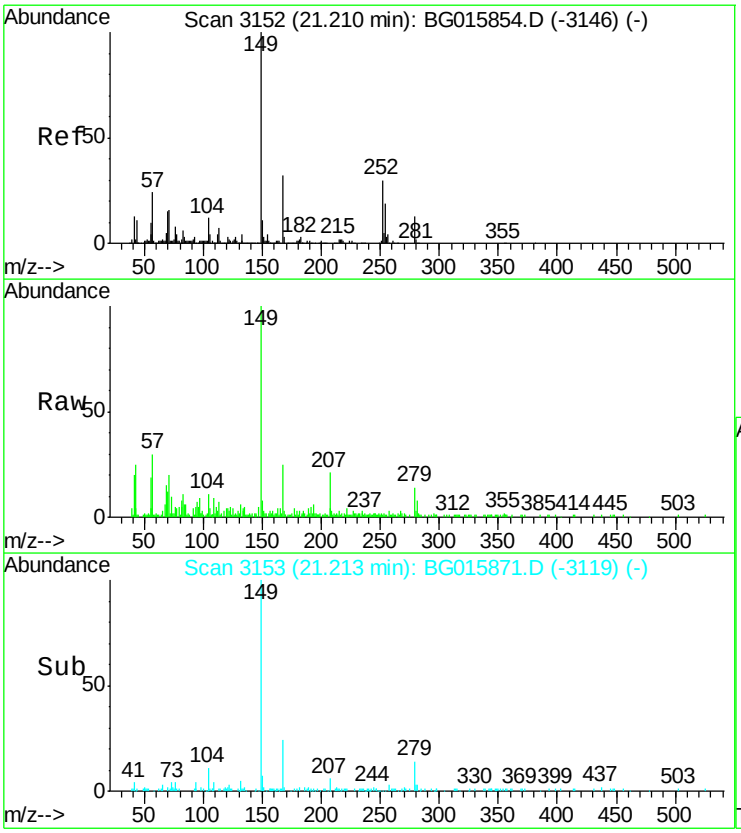
#82
Chrysene
Concen: 5.82 ng m
RT: 21.34 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:228 Resp: 85966

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	26.7	15.8	23.6#

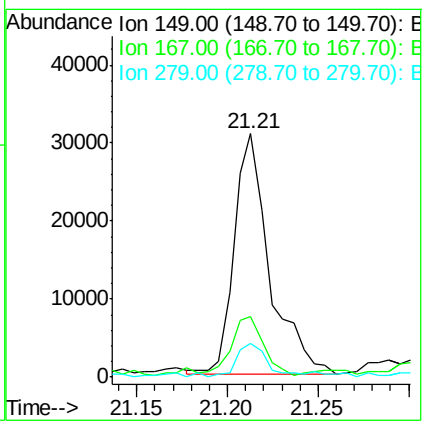


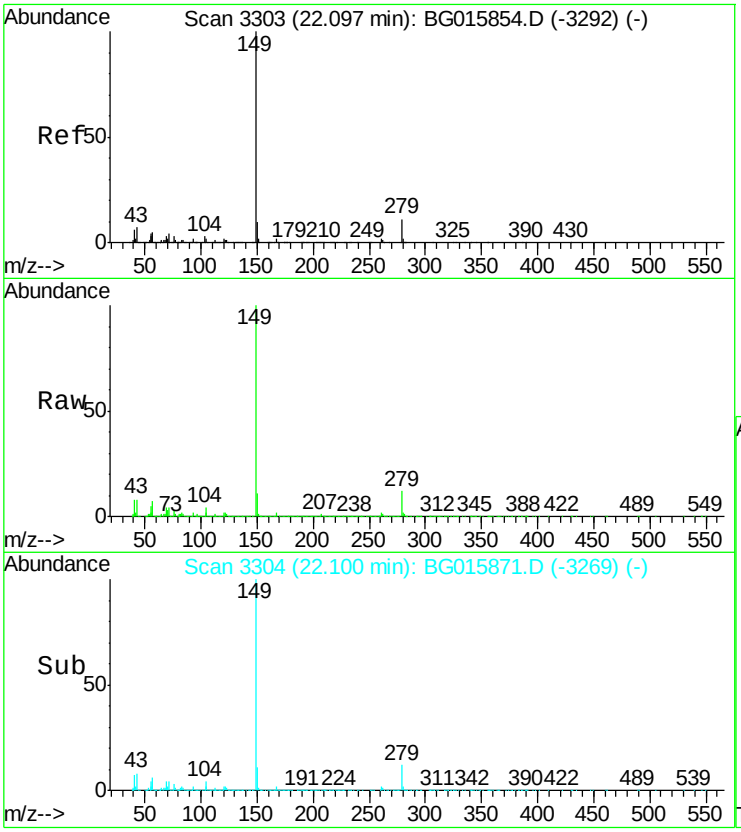


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.32 ng
RT: 21.21 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:149 Resp: 41971

Ion	Ratio	Lower	Upper
149	100		
167	24.8	26.2	39.2#
279	13.8	10.5	15.7



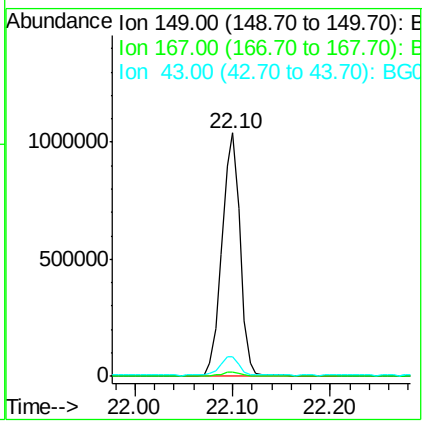


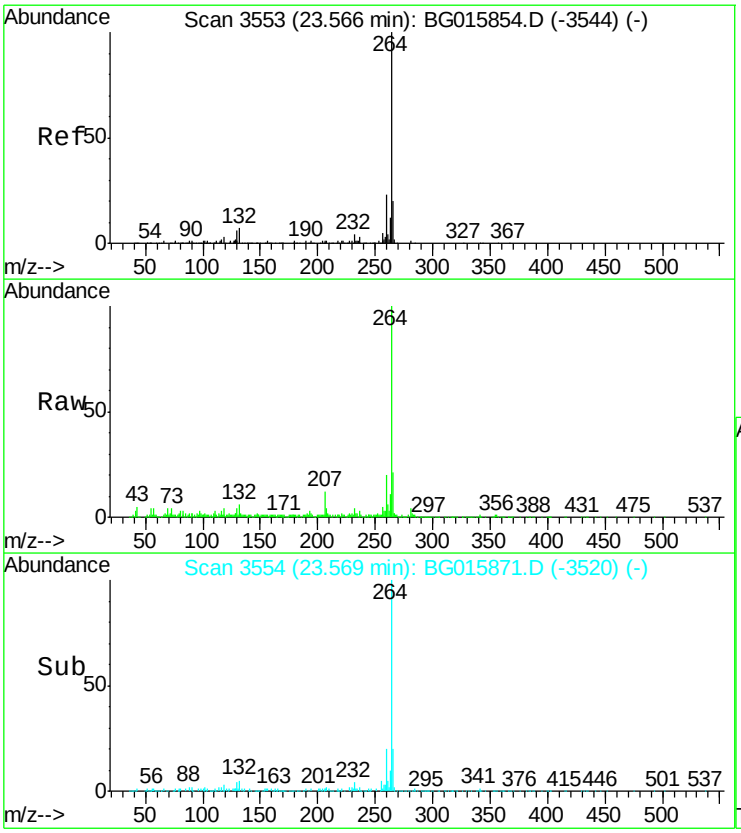
#84
Di-n-octyl phthalate
Concen: 103.52 ng
RT: 22.10 min Scan# 3304
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:149 Resp: 1329475

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	8.1	5.9	8.9

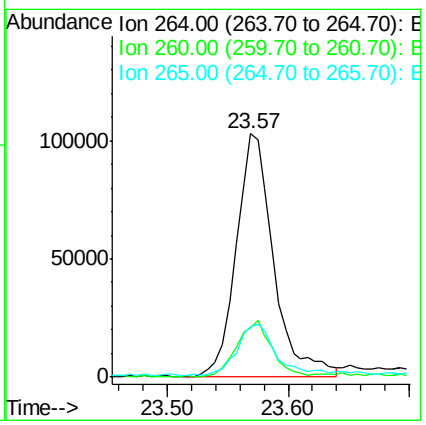


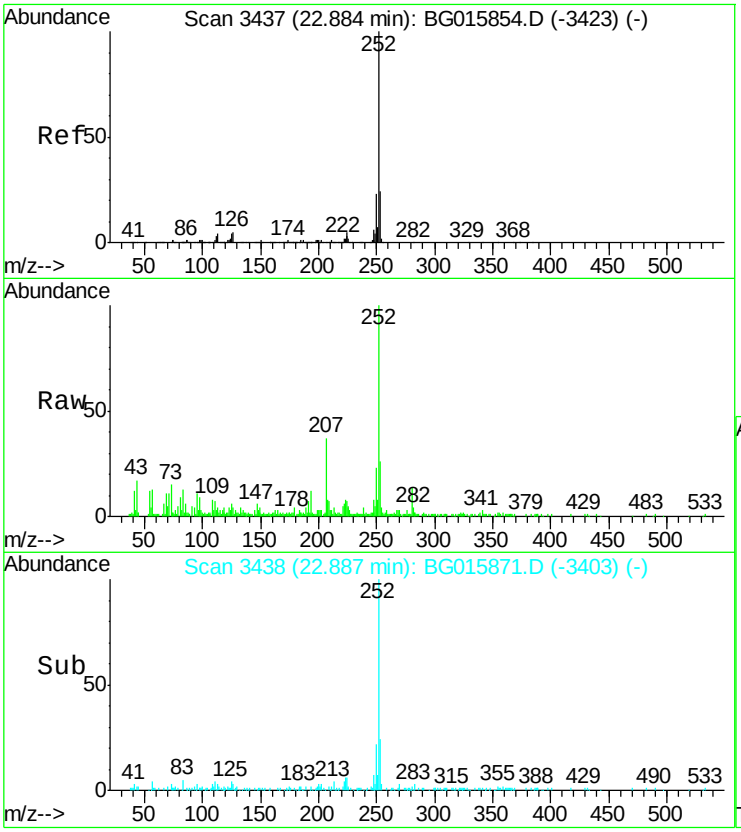


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:264 Resp: 220263

Ion	Ratio	Lower	Upper
264	100		
260	20.3	17.0	25.4
265	20.9	17.4	26.0



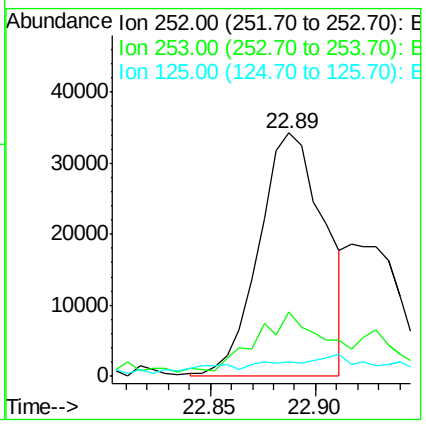


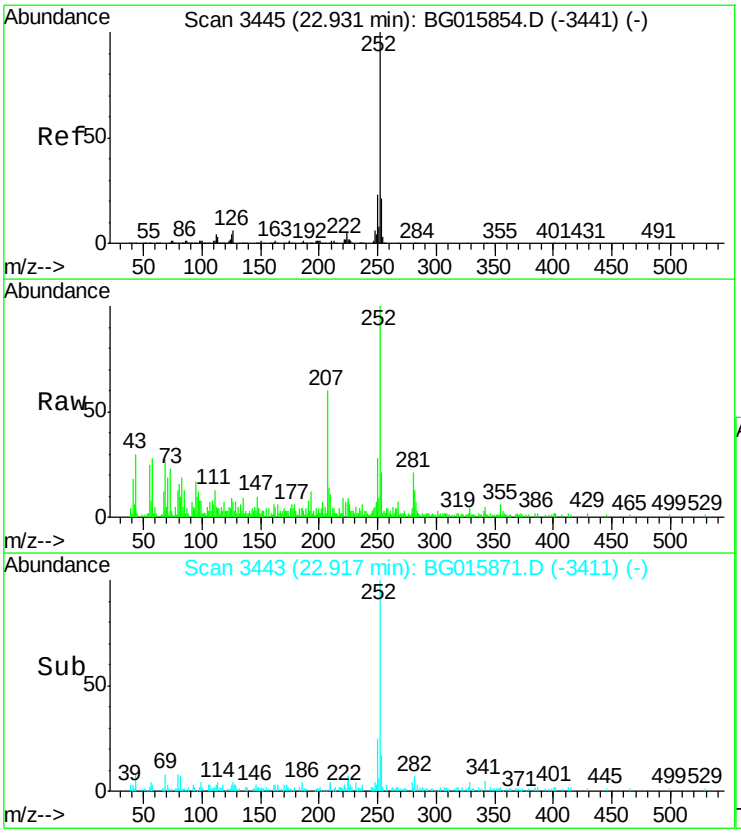
#87
Benzo(b)fluoranthene
Concen: 5.36 ng m
RT: 22.89 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:252 Resp: 73712

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	5.7	3.6	5.4#

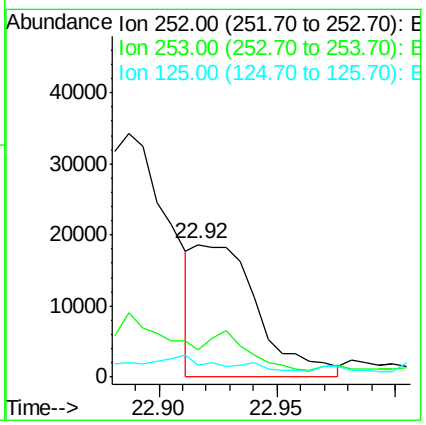


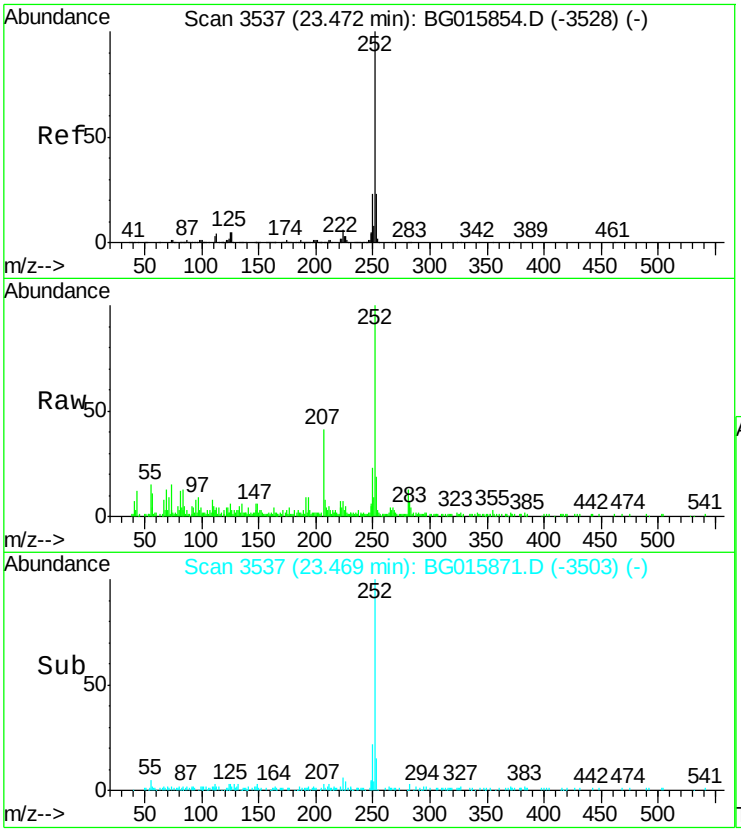


#88
Benzo(k)fluoranthene
Concen: 2.68 ng m
RT: 22.92 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:252 Resp: 35463

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.2
125	9.0	3.0	4.6#



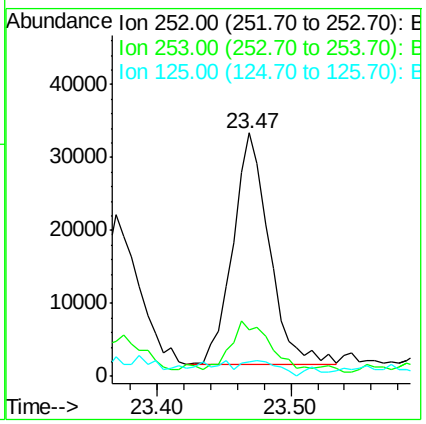


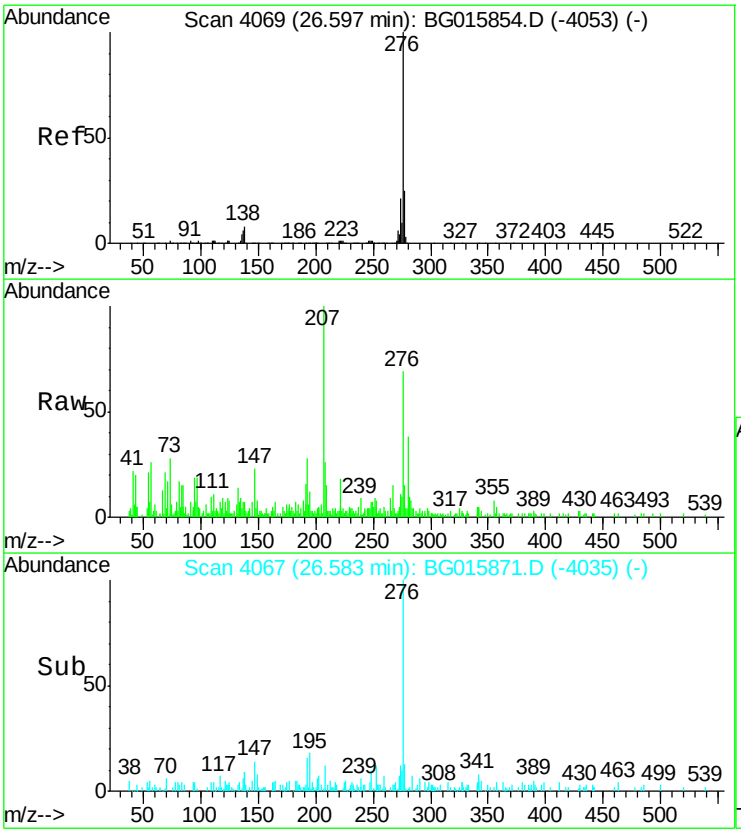
#89
Benzo(a)pyrene
Concen: 4.85 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Instrument :
BNA_G
ClientSampleId :
LAR9762

Tgt Ion:252 Resp: 60034

Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.9	26.9
125	5.8	3.7	5.5#





#91
Benzo(g,h,i)perylene
Concen: 2.20 ng
RT: 26.58 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BG015871.D
Acq: 9 Jan 2015 16:03

Tgt Ion:276 Resp: 26669

Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.2	27.2
138	19.5	6.4	9.6#