Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028743.D
Acq On : 14 Sep 2017 22:00
Operator : SJ/JU
Sample : I5172-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S32-9021

Quant Time: Sep 15 07:52:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22239	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92214	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75719	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	258058	20.00	ng	0.00
75) Chrysene-d12	22.02	240	291321	20.00	ng	-0.01
86) Perylene-d12	25.52	264	290776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	204975	152.08	ng	0.00
7) Phenol-d6	7.48	99	269724	132.92	ng	0.00
23) Nitrobenzene-d5	9.50	82	184631	95.78	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	219092	174.95	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	506994	89.28	ng	0.00
78) Terphenyl-d14	20.27	244	1294451	94.76	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.65	79	3301	2.084	ng	# 67
32) Benzoic acid	10.73	122	69	6.137	ng	# 1
76) Benzidine	19.91	184	56244	7.445	ng	96

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

Quantitation Report (Not Reviewed)

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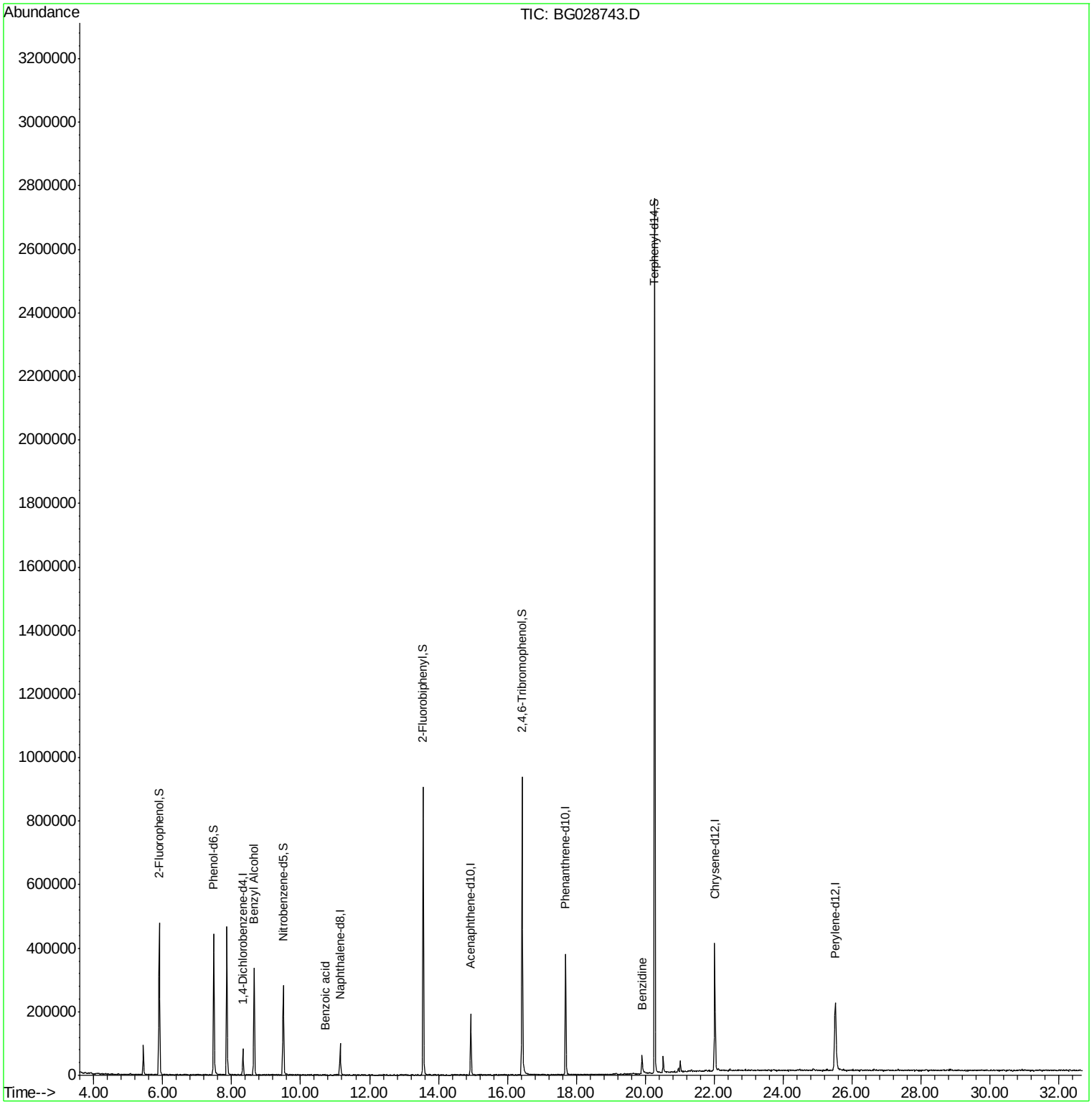
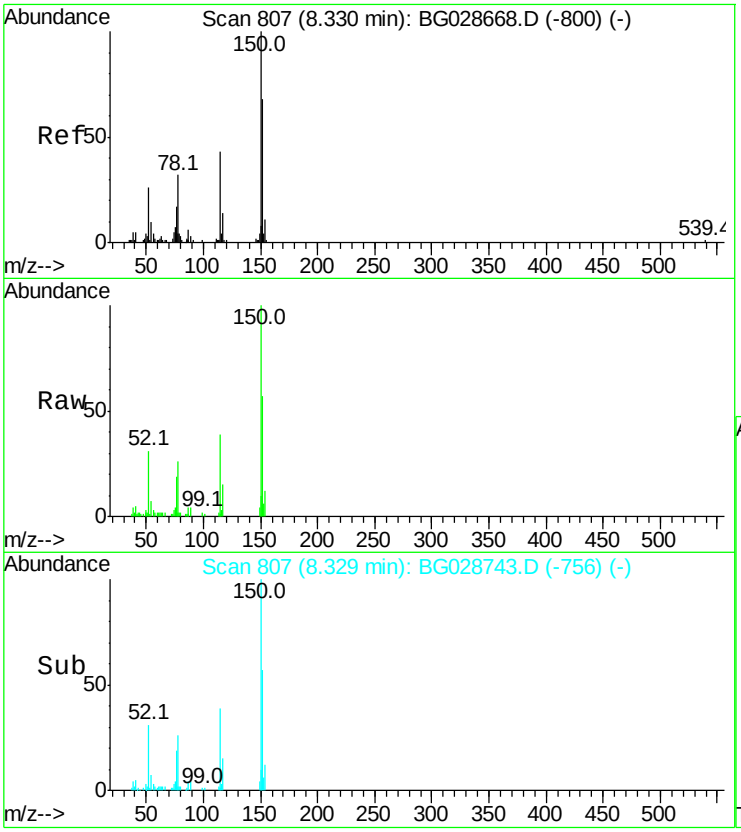


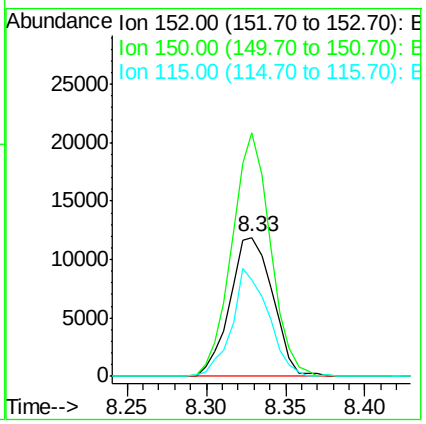


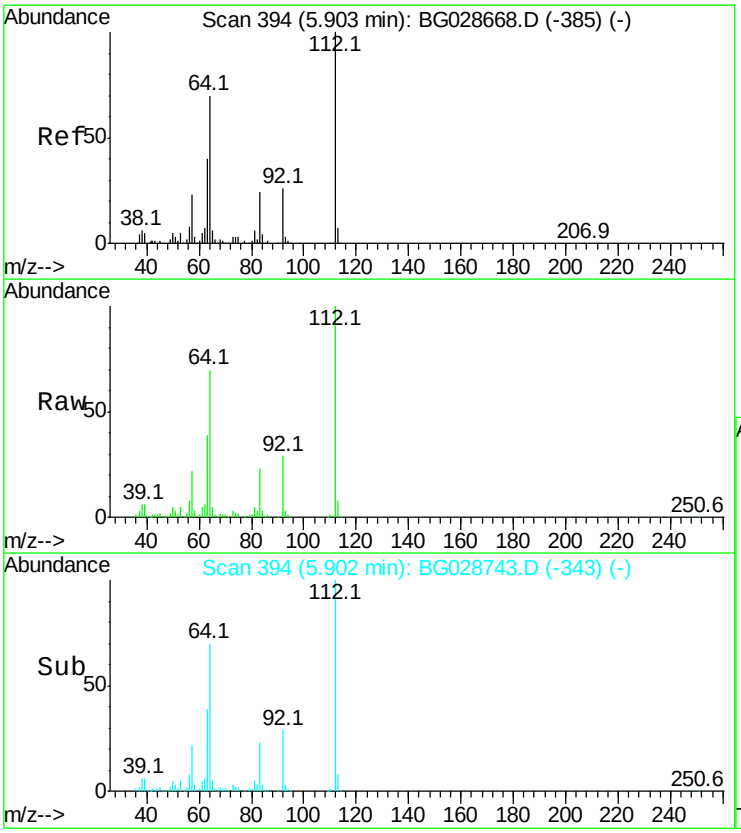
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:152 Resp: 22239

Ion	Ratio	Lower	Upper
152	100		
150	174.8	114.0	171.0#
115	68.9	48.1	72.1

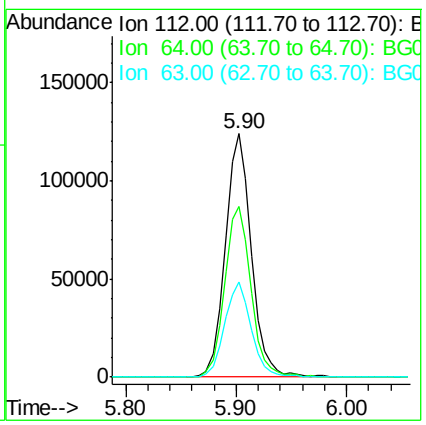


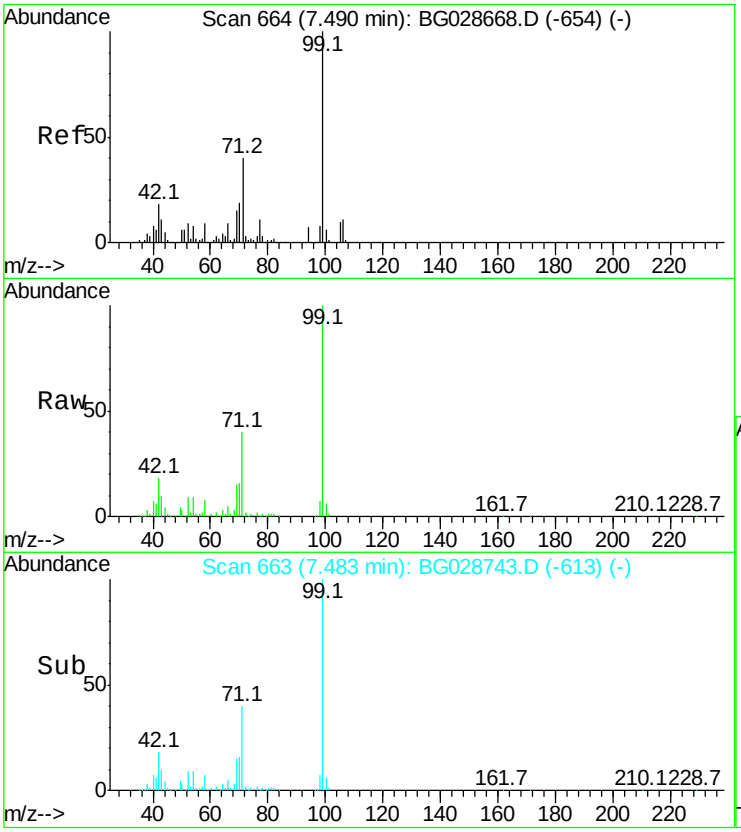


#5
2-Fluorophenol
Concen: 152.084 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion:112 Resp: 204975

Ion	Ratio	Lower	Upper
112	100		
64	70.2	61.8	92.6
63	39.3	37.2	55.8



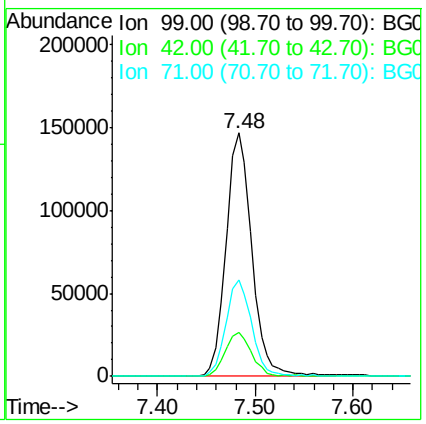


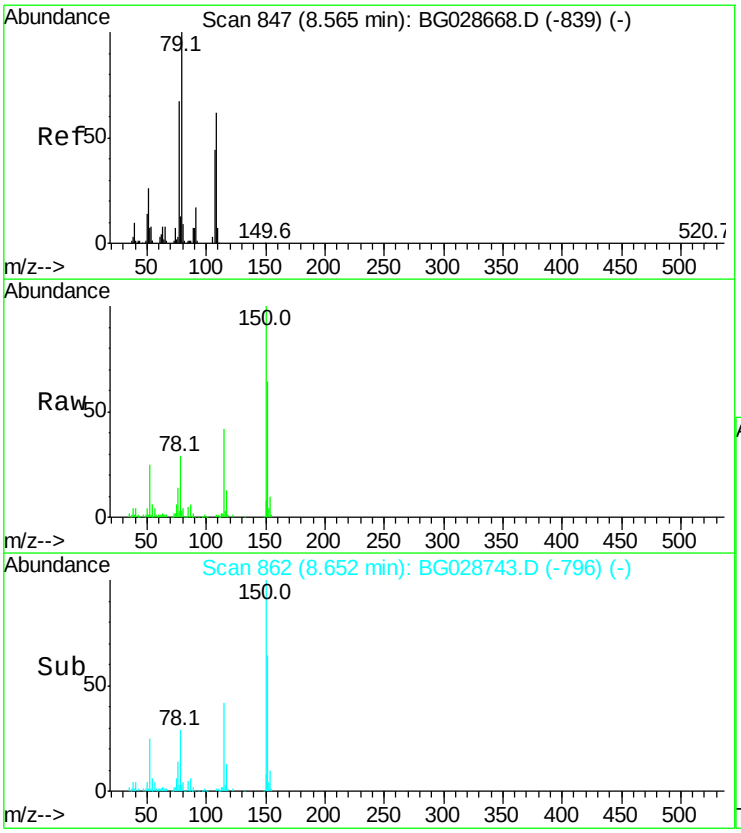
#7
Phenol-d6
Concen: 132.918 ng
RT: 7.48 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion: 99 Resp: 269724

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.5	30.7#
71	39.6	37.6	56.4

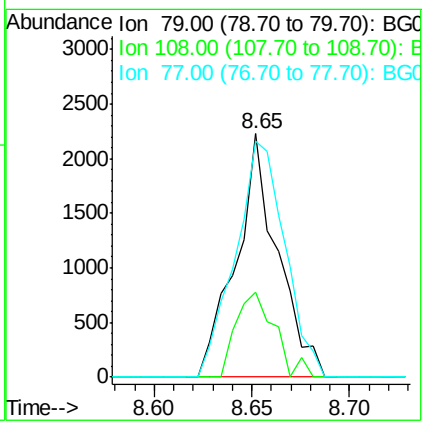


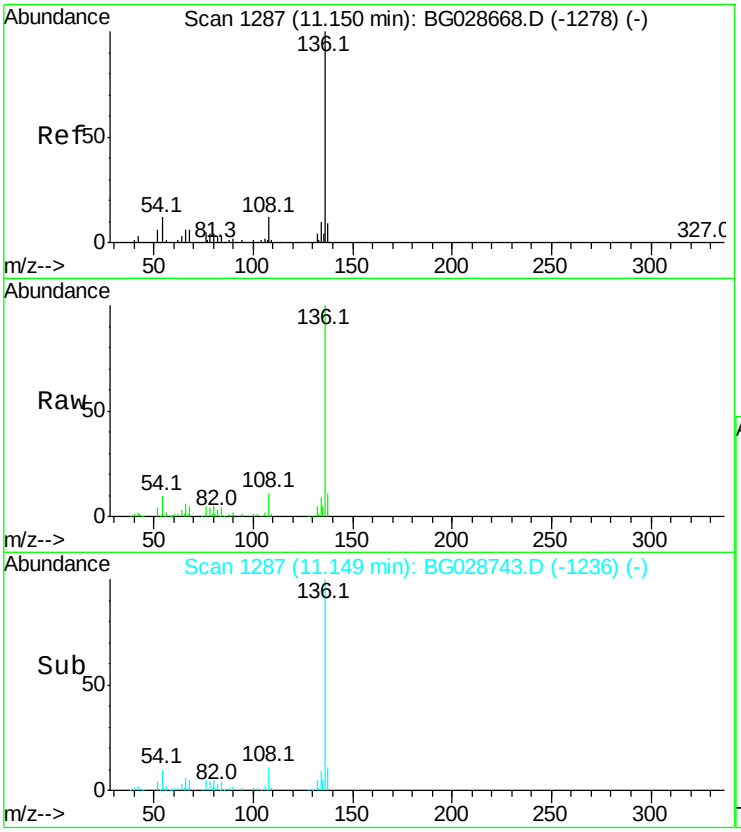


#15
Benzyl Alcohol
Concen: 2.084 ng
RT: 8.65 min Scan# 862
Delta R.T. 0.09 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion: 79 Resp: 3301

Ion	Ratio	Lower	Upper
79	100		
108	35.1	45.5	68.3#
77	97.1	54.3	81.5#



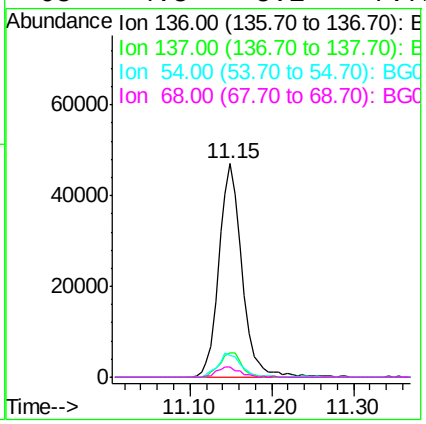


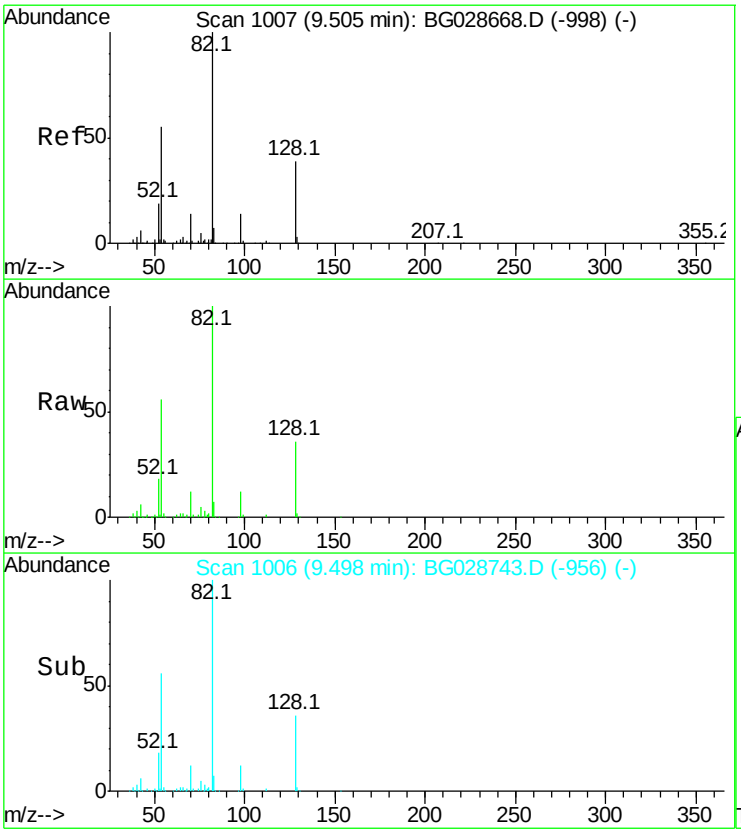
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:136 Resp: 92214

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	9.3	13.9
68	4.8	5.1	7.7#

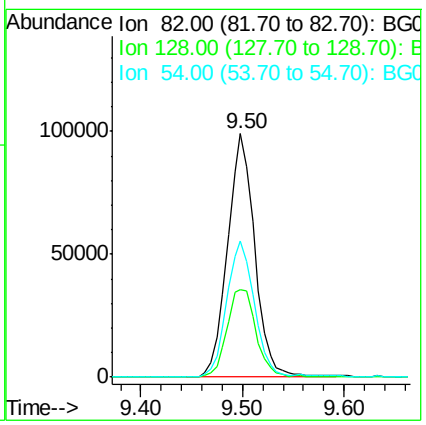


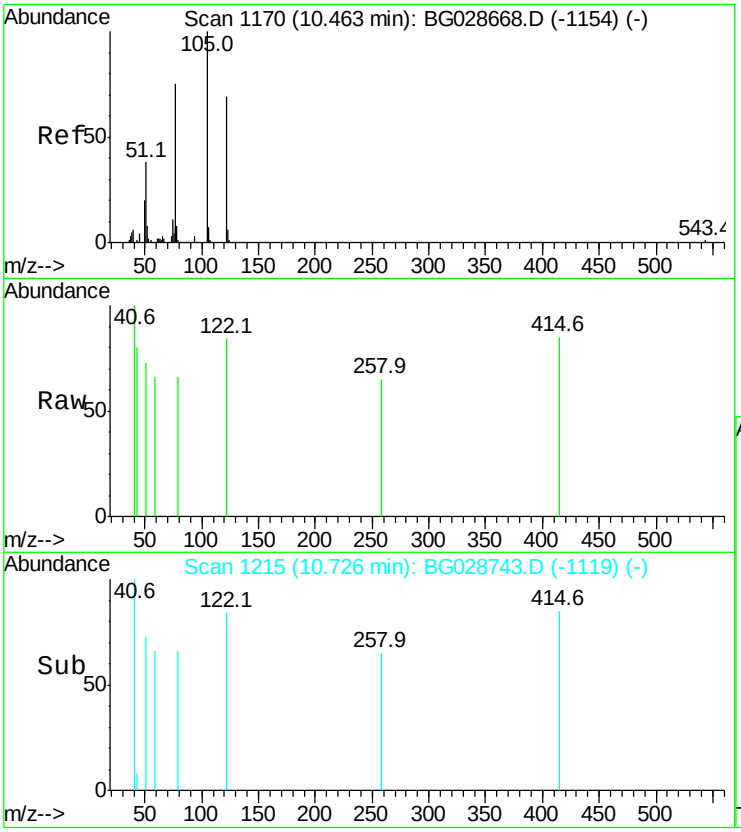


#23
Nitrobenzene-d5
Concen: 95.780 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion: 82 Resp: 184631

Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	55.7	49.4	74.2



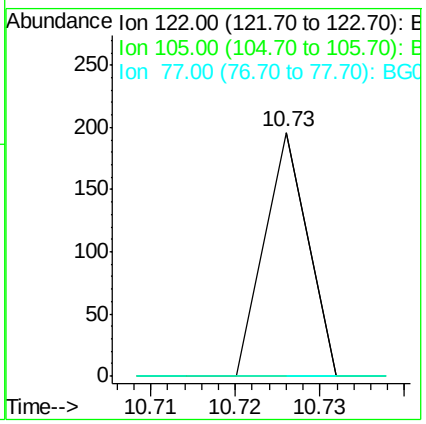


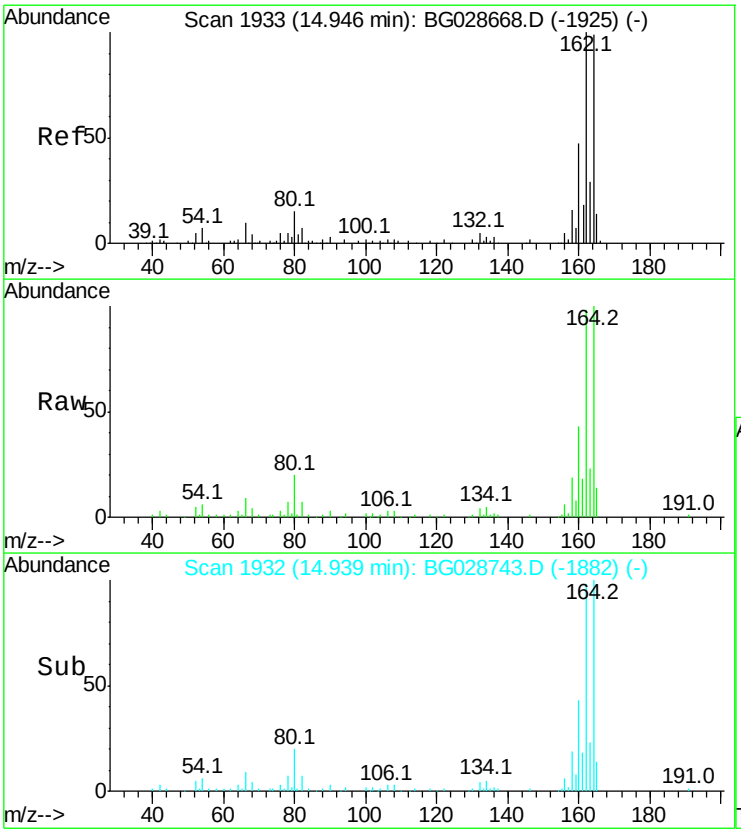
#32
Benzoic acid
Concen: 6.137 ng
RT: 10.73 min Scan# 1215
Delta R.T. 0.26 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:122 Resp: 69

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

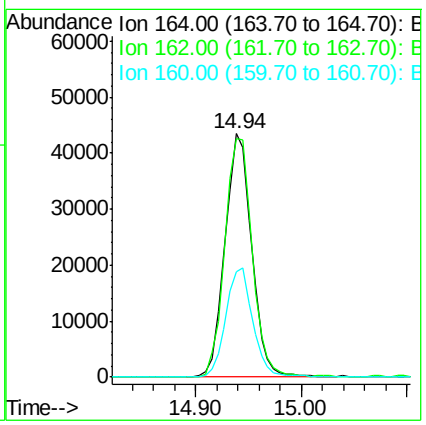


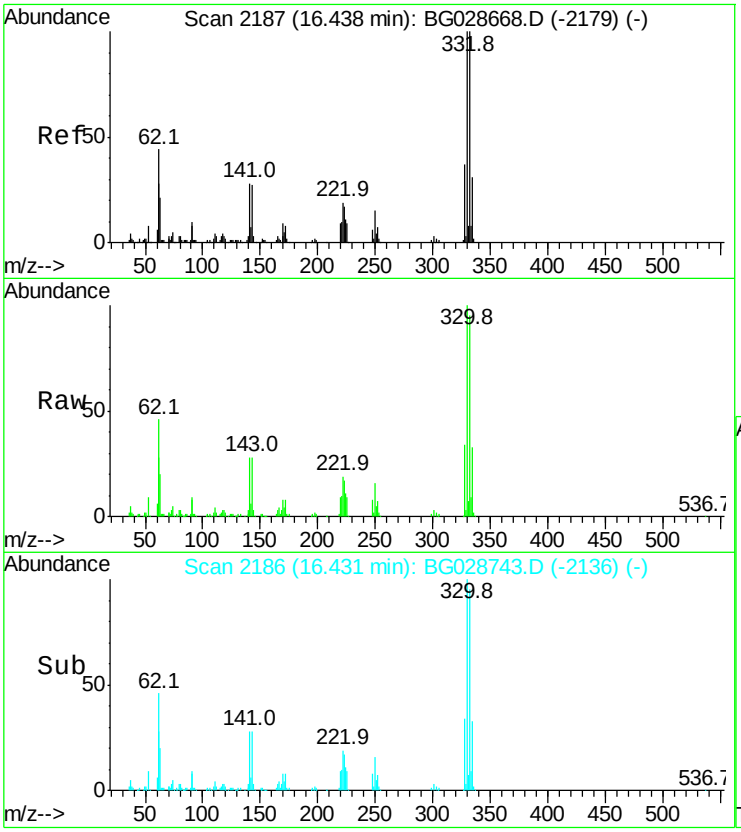


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion:164 Resp: 75719

Ion	Ratio	Lower	Upper
164	100		
162	98.0	85.1	127.7
160	43.3	34.7	52.1



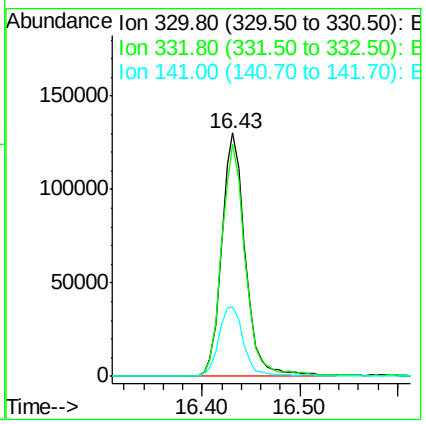


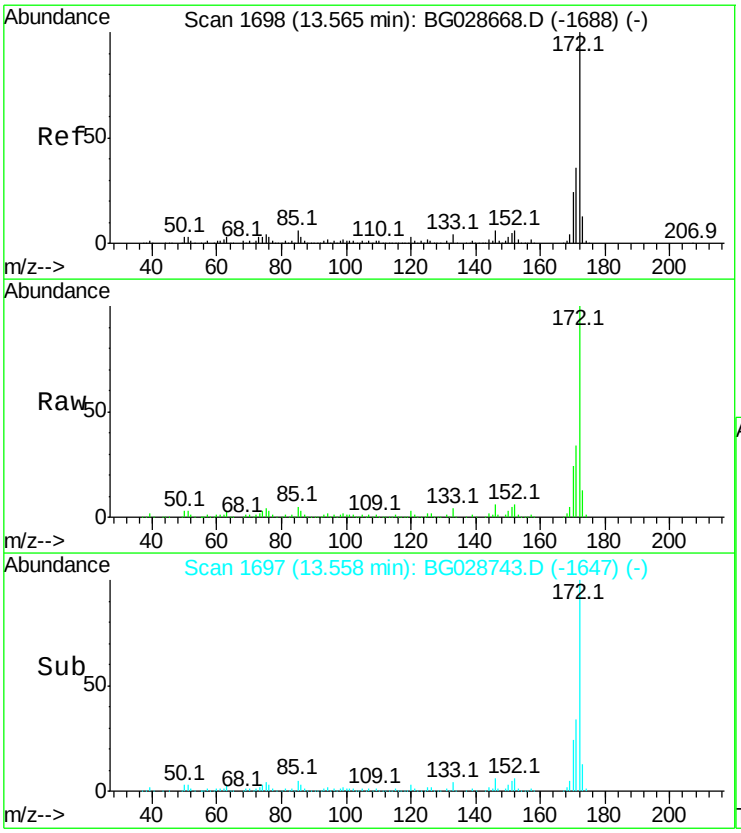
#41
2,4,6-Tribromophenol
Concen: 174.945 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:330 Resp: 219092

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	29.9	32.1	48.1#

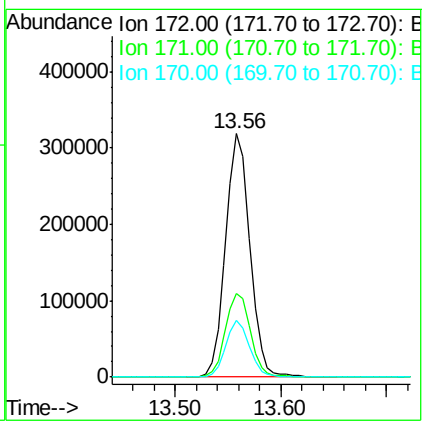


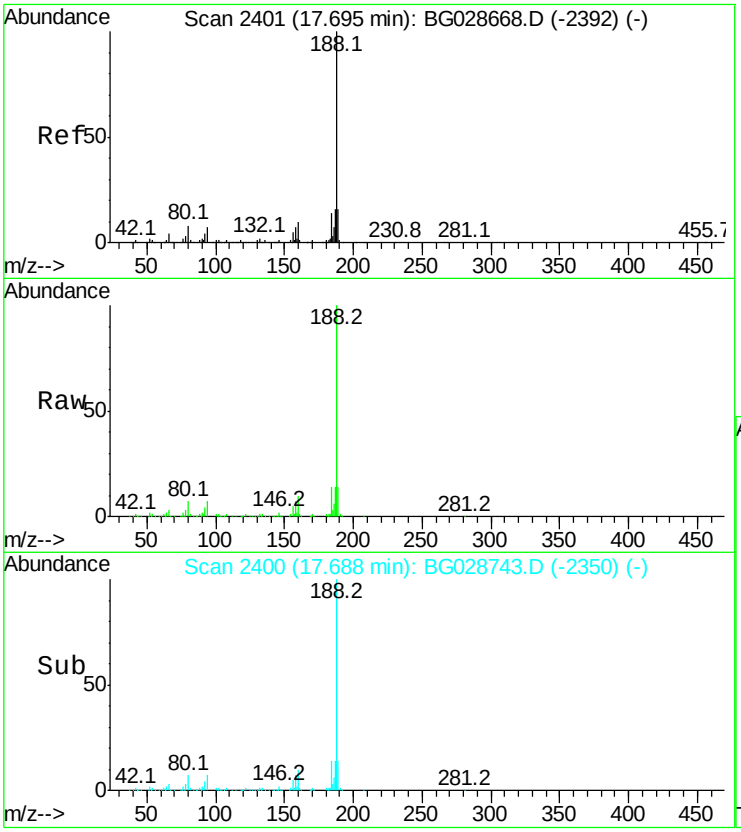


#44
2-Fluorobiphenyl
Concen: 89.282 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion:172 Resp: 506994

Ion	Ratio	Lower	Upper
172	100		
171	34.1	32.2	48.2
170	23.5	21.8	32.6



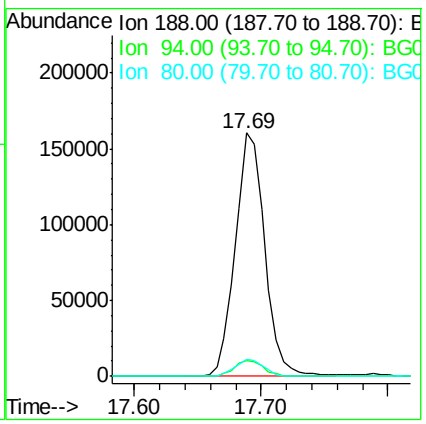


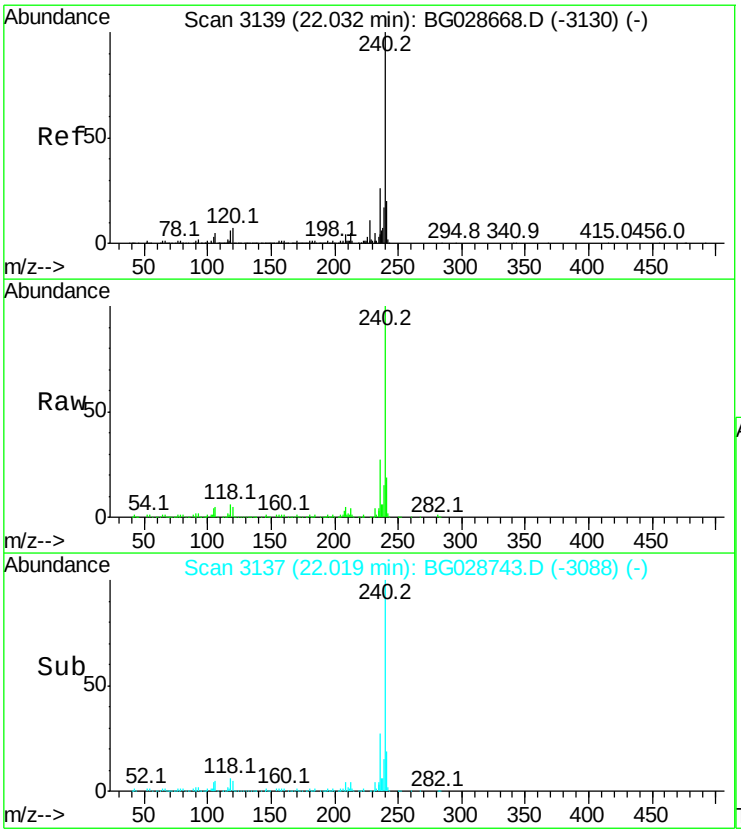
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:188 Resp: 258058

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.3	7.5	11.3#

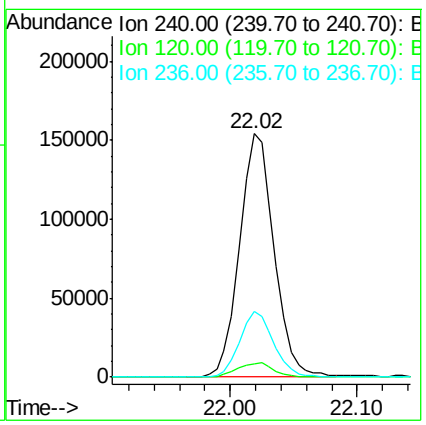


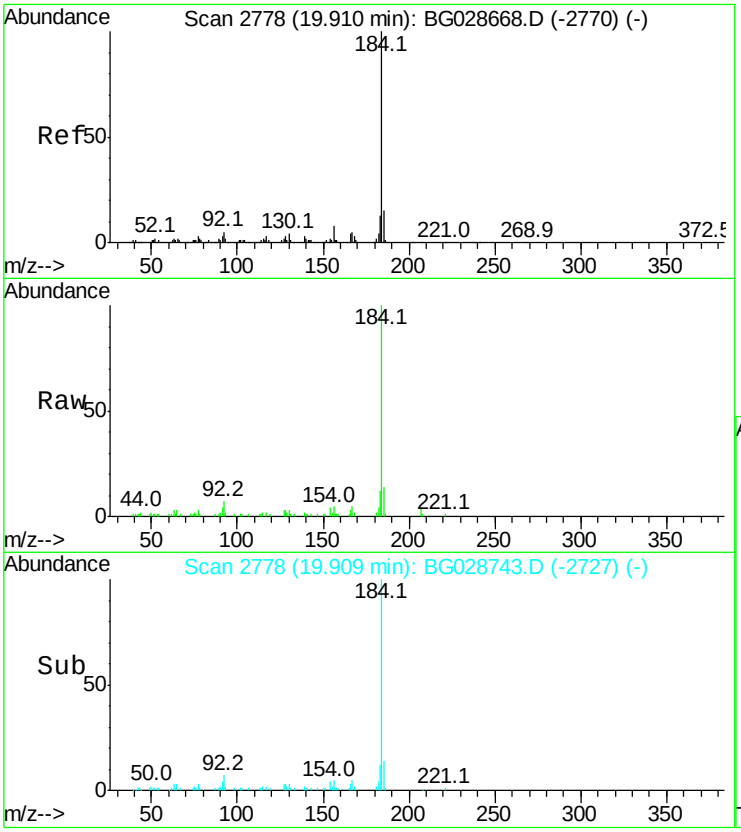


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion:240 Resp: 291321

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	27.2	22.2	33.4



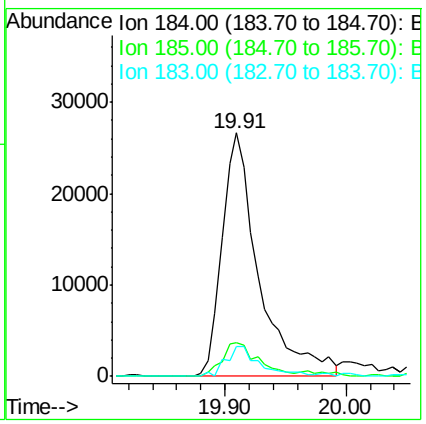


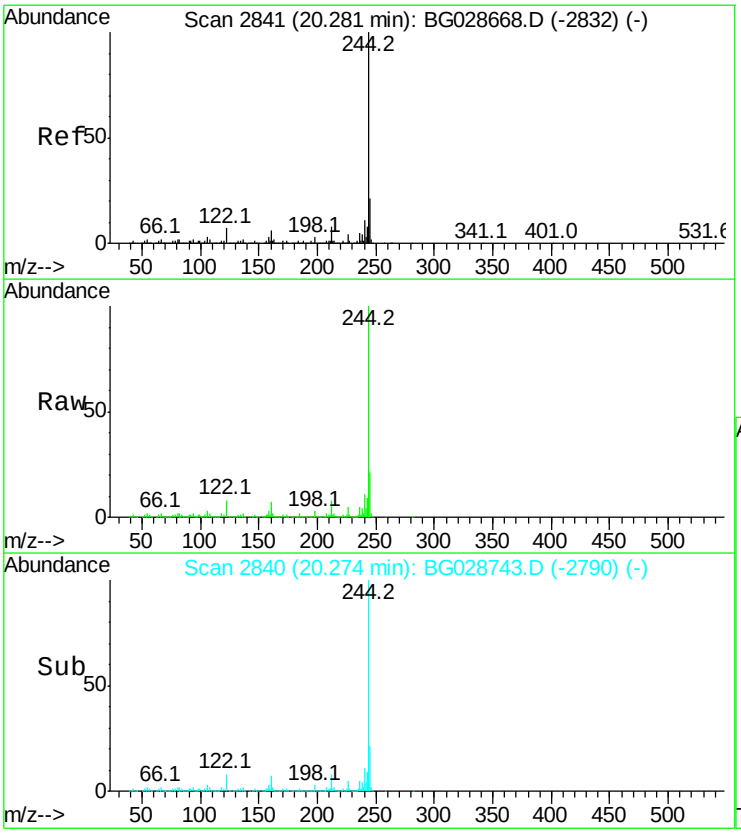
#76
Benzidine
Concen: 7.445 ng
RT: 19.91 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:184 Resp: 56244

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	12.5	11.0	16.6

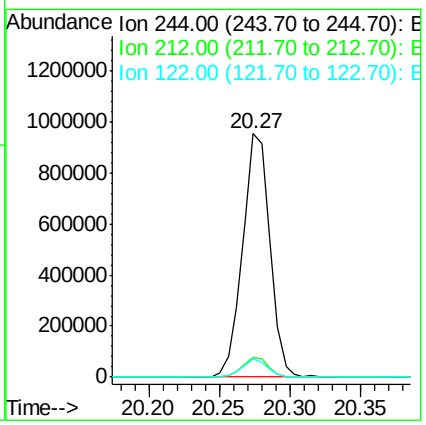


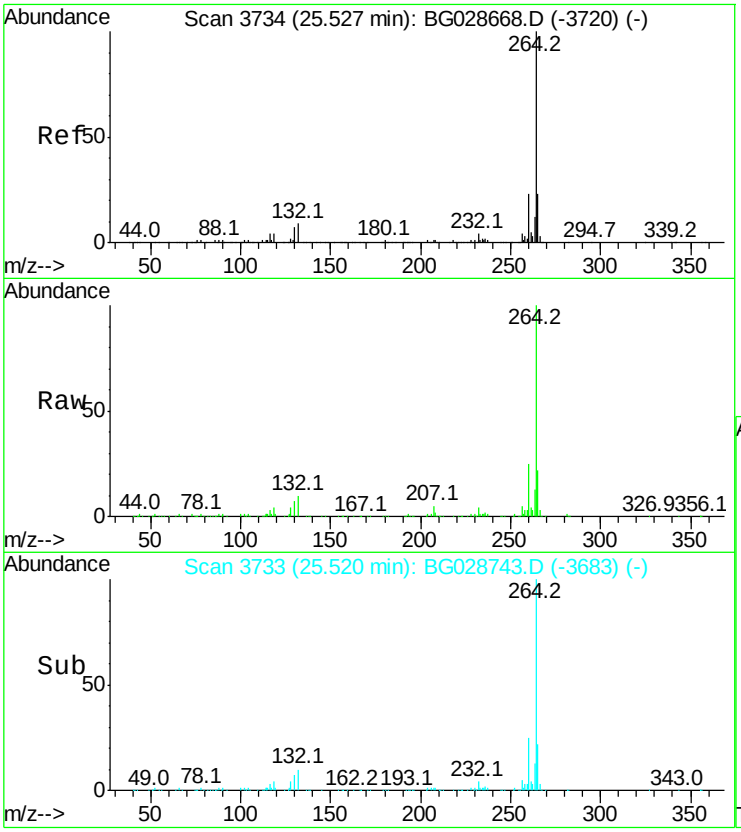


#78
Terphenyl-d14
Concen: 94.758 ng
RT: 20.27 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Tgt Ion:244 Resp: 1294451

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG028743.D
Acq: 14 Sep 2017 22:00

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:264 Resp: 290776

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	22.1	18.2	27.4