Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
Data File : BG027831.D
Acq On : 3 Jul 2017 14:16
Operator : SJ/JU
Sample : I3986-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 05:46:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	30173	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	139985	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	87906	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	238868	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	257195	20.00	ng	-0.03
86) Perylene-d12	25.73	264	256939	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	256658	130.99	ng	-0.02
7) Phenol-d6	7.60	99	316233	105.64	ng	-0.01
23) Nitrobenzene-d5	9.62	82	226085	90.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	230096	190.84	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	596873	96.97	ng	-0.02
78) Terphenyl-d14	20.37	244	1221334	111.33	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.55	122	132	8.94	ng	# 1
69) Pentachlorophenol	17.44	266	63	6.20	ng	# 20
76) Benzidine	20.02	184	75	3.23	ng	# 64

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

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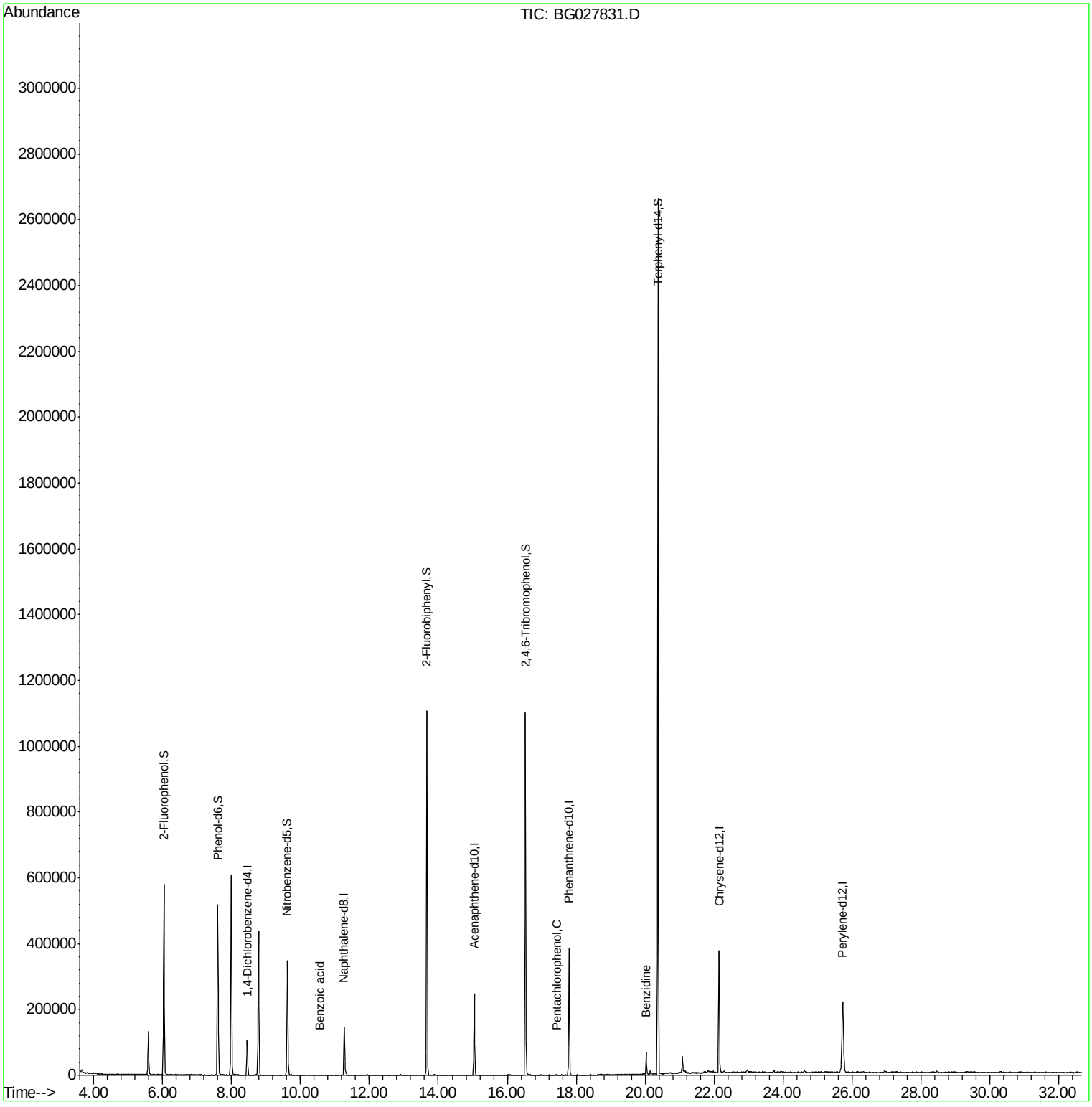
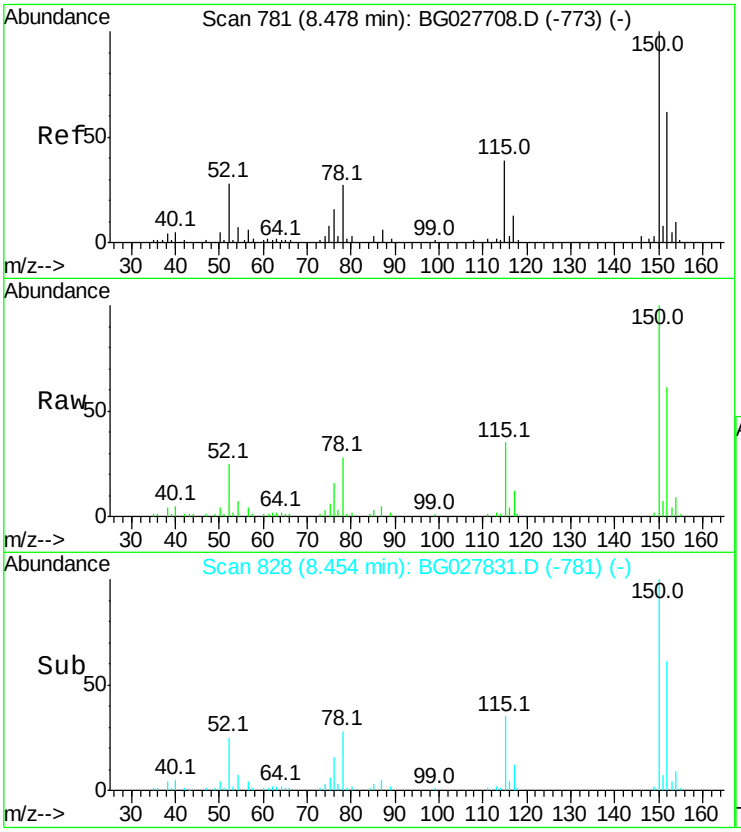


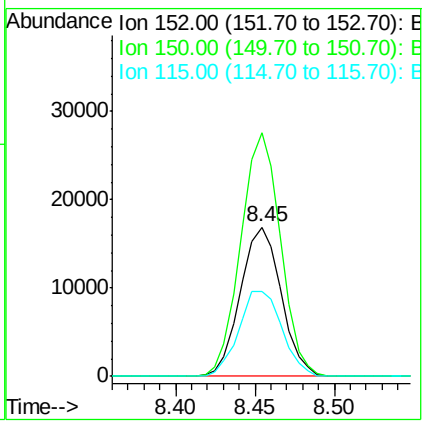


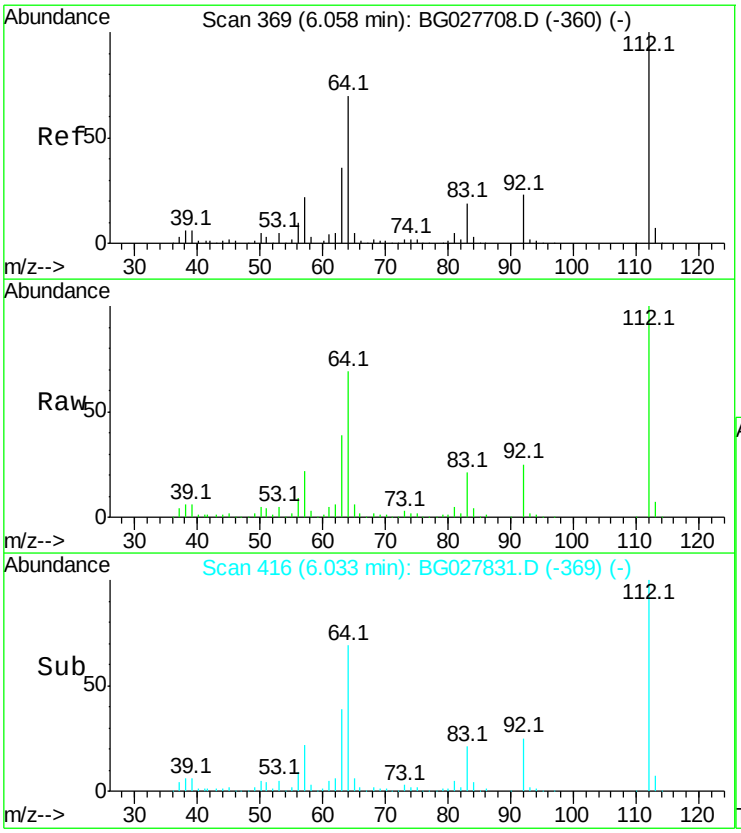
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30173

Ion	Ratio	Lower	Upper
152	100		
150	163.0	114.0	171.0
115	57.1	48.1	72.1

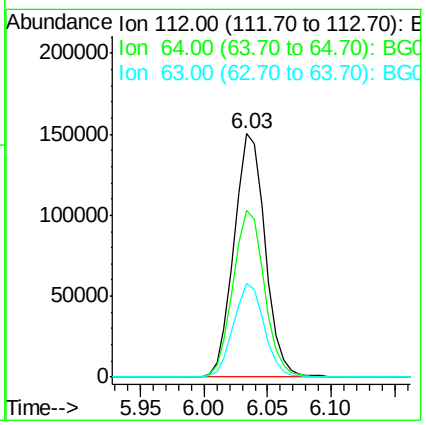


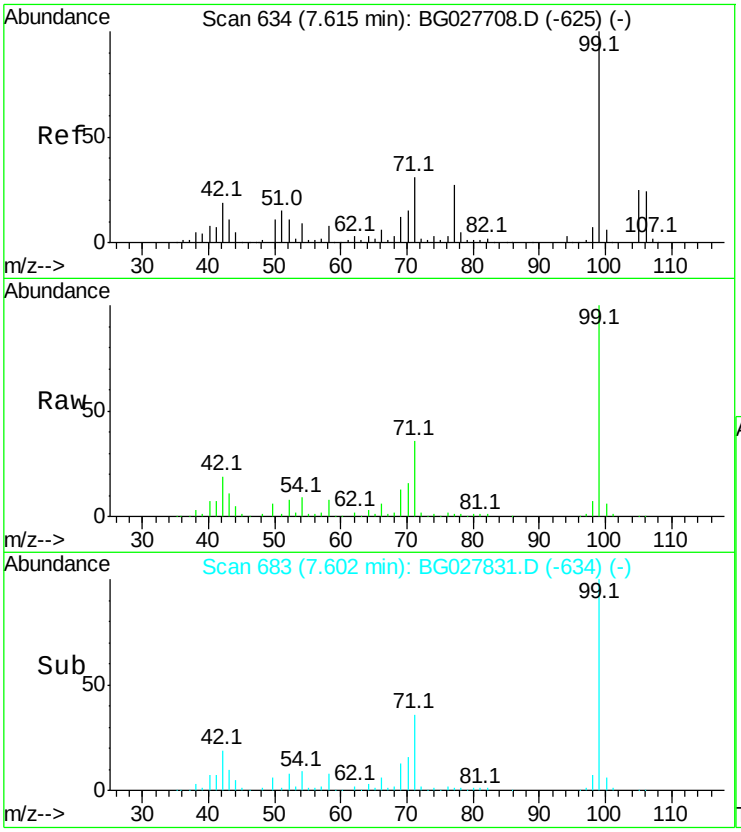


#5
2-Fluorophenol
Concen: 130.99 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:112 Resp: 256658

Ion	Ratio	Lower	Upper
112	100		
64	68.6	61.8	92.6
63	38.7	37.2	55.8



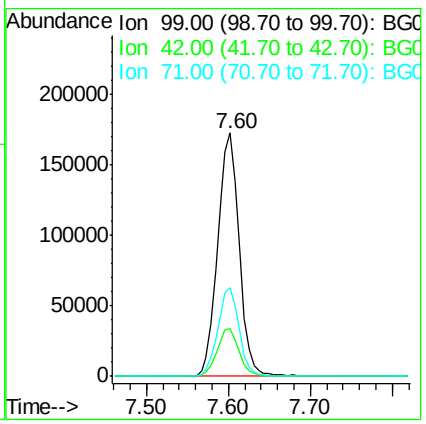


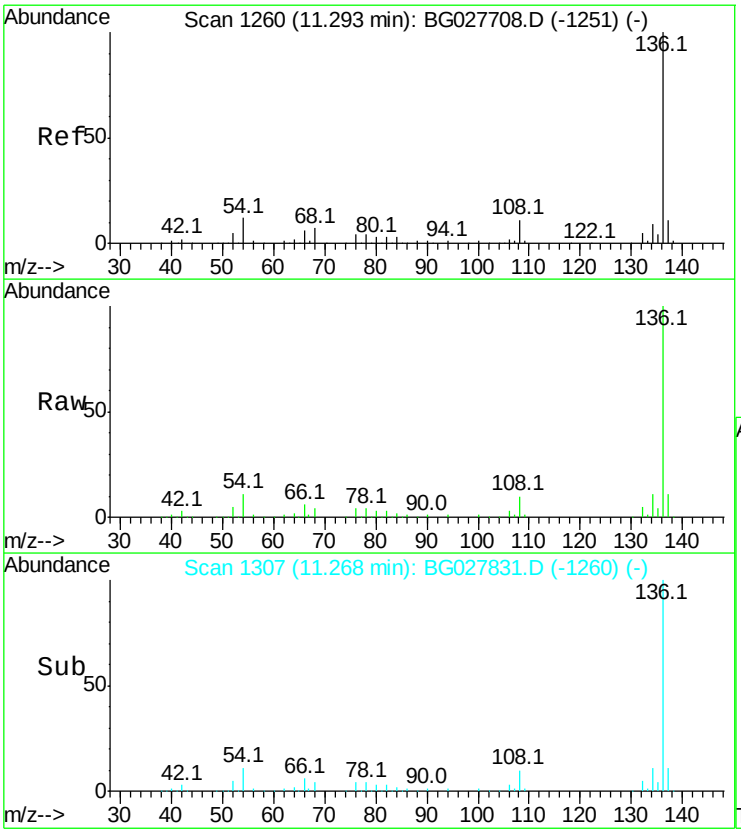
#7
Phenol-d6
Concen: 105.64 ng
RT: 7.60 min Scan# 683
Delta R.T. -0.01 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 316233

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.5	30.7#
71	36.2	37.6	56.4#

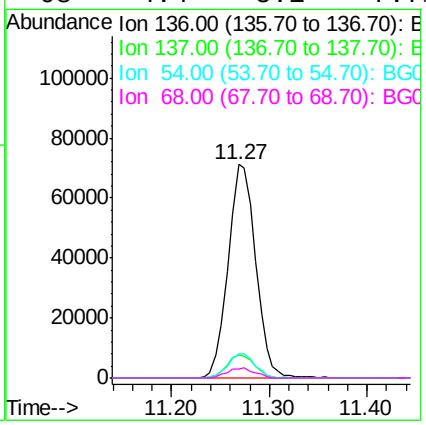


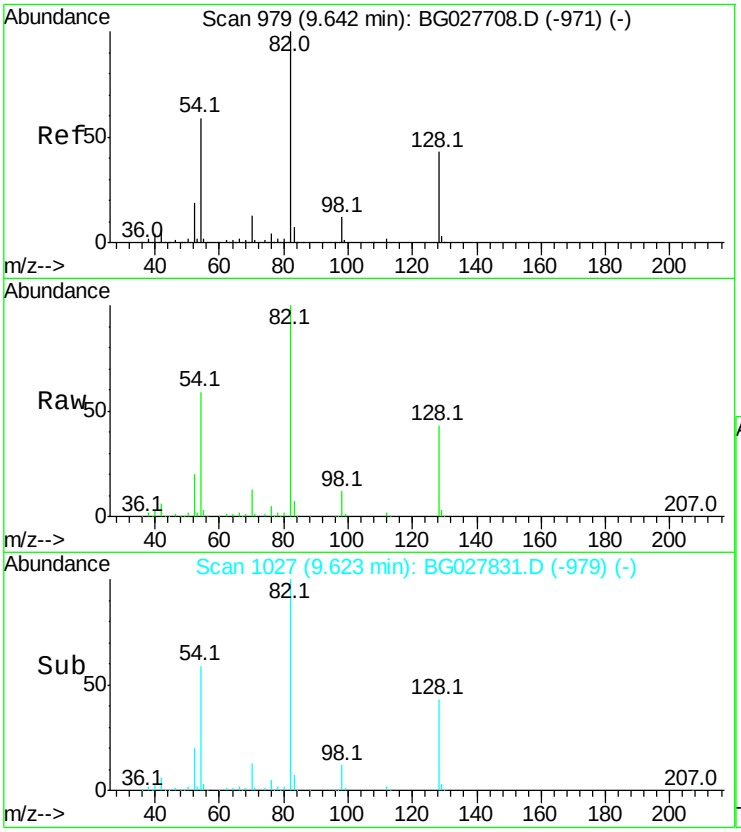


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:136 Resp: 139985

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.3	9.3	13.9
68	4.4	5.1	7.7#



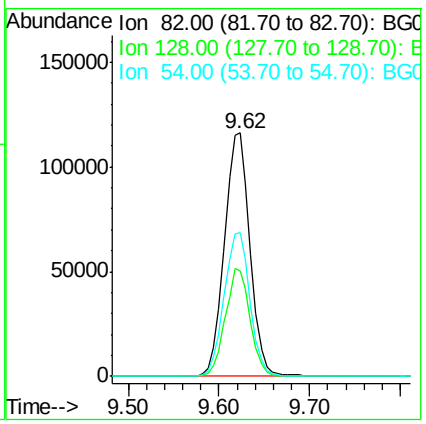


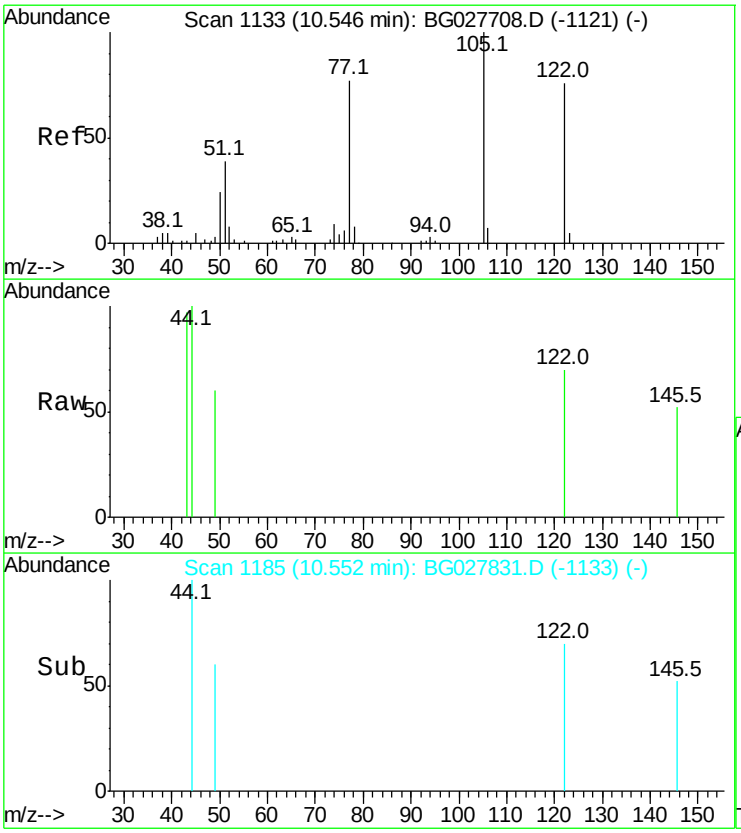
#23
Nitrobenzene-d5
Concen: 90.03 ng
RT: 9.62 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 226085

Ion	Ratio	Lower	Upper
82	100		
128	43.1	26.4	39.6#
54	59.1	49.4	74.2

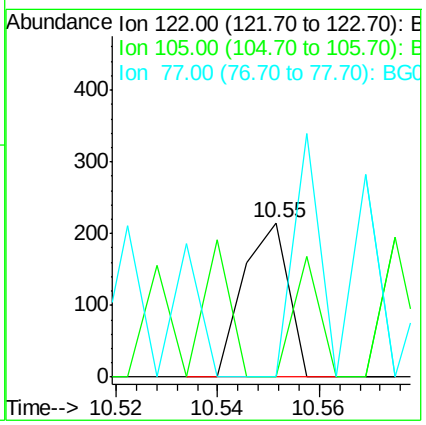


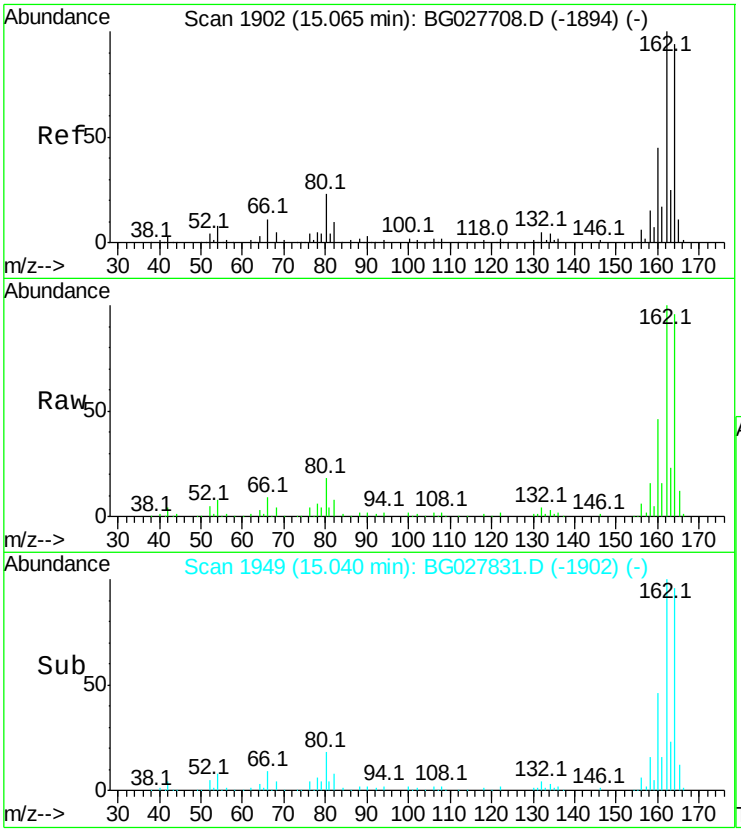


#32
Benzoic acid
Concen: 8.94 ng
RT: 10.55 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:122 Resp: 132

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



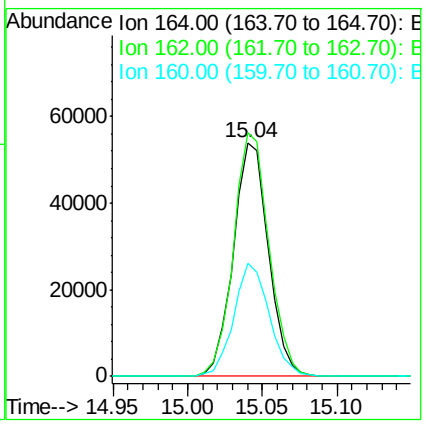


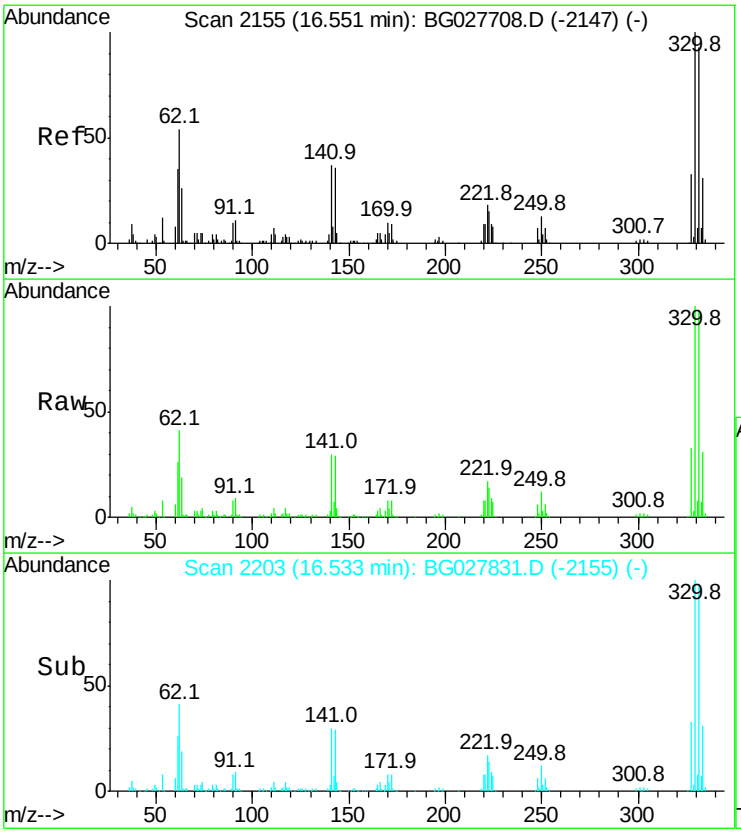
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 87906

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	48.3	34.7	52.1

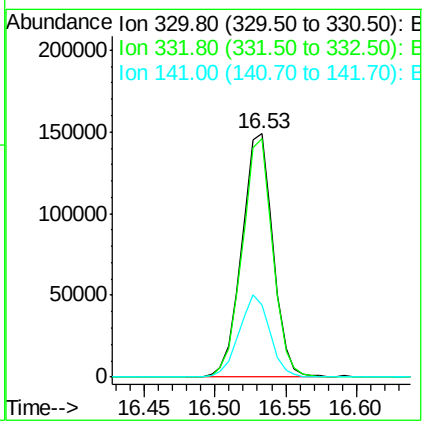


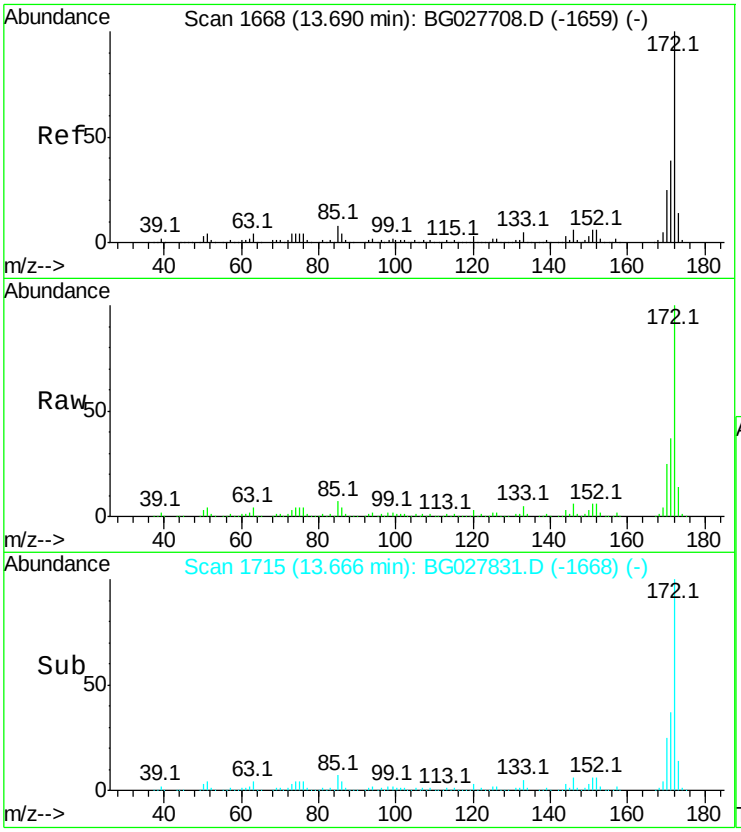


#41
2,4,6-Tribromophenol
Concen: 190.84 ng
RT: 16.53 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:330 Resp: 230096

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.3	32.1	48.1



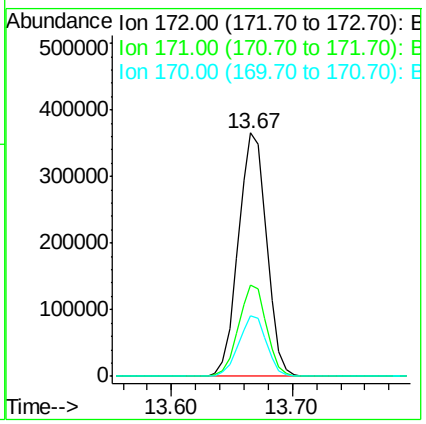


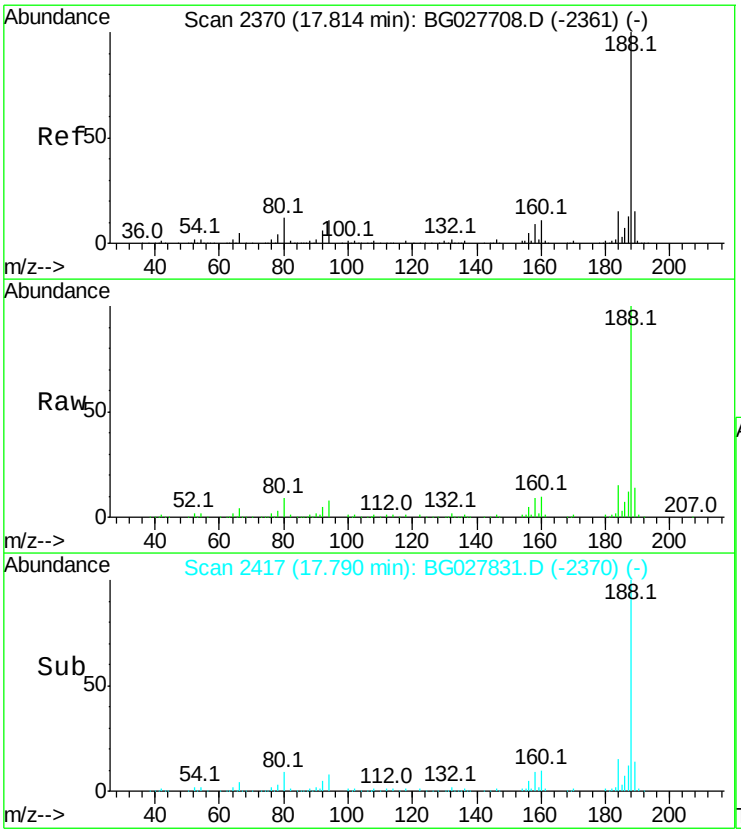
#44
2-Fluorobiphenyl
Concen: 96.97 ng
RT: 13.67 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 596873

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.8	21.8	32.6

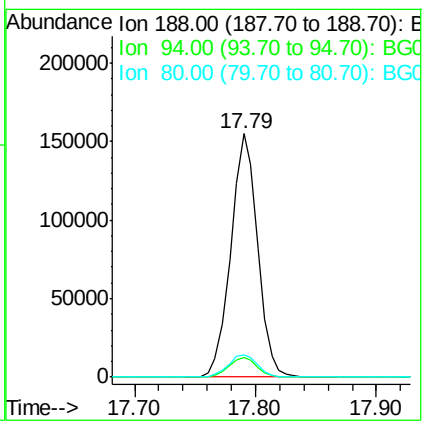


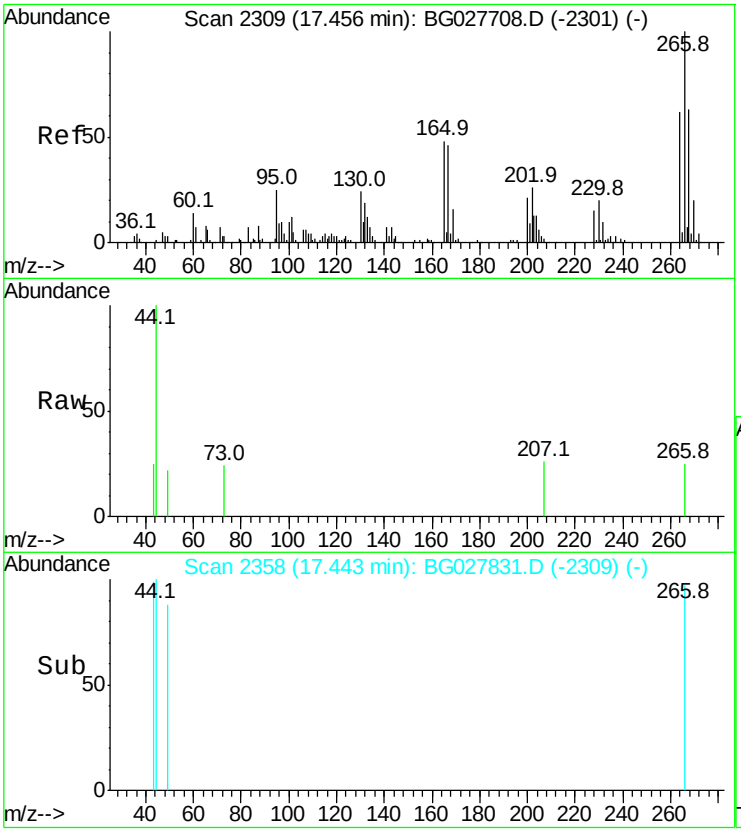


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:188 Resp: 238868

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.8
80	8.9	7.5	11.3



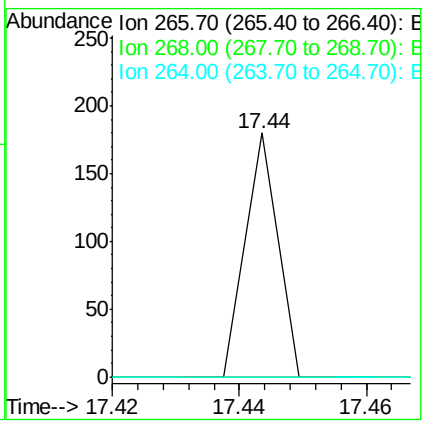


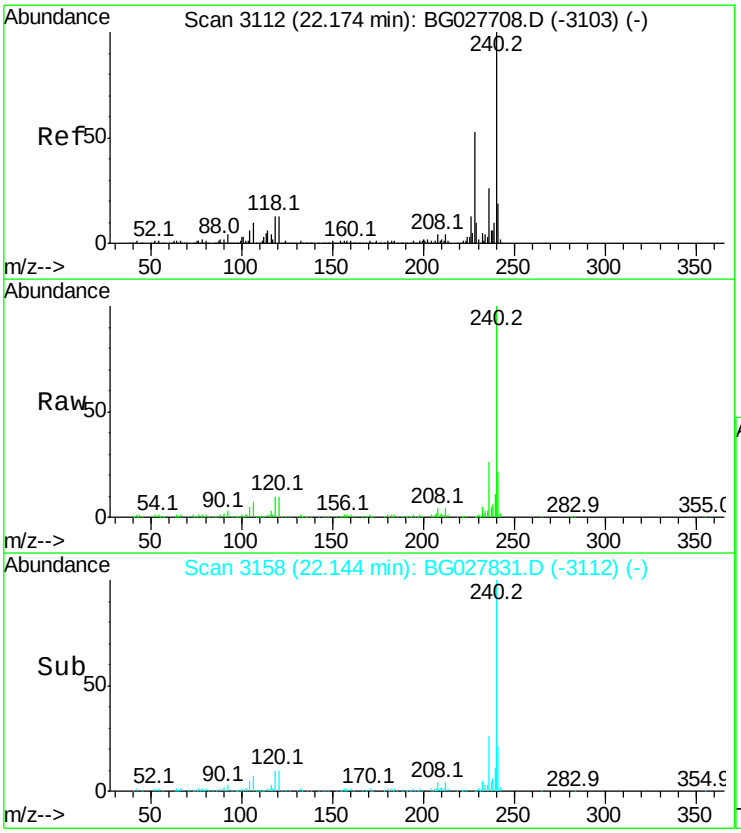
#69
Pentachlorophenol
Concen: 6.20 ng
RT: 17.44 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
268	0.0	48.6	72.8#
264	0.0	50.1	75.1#

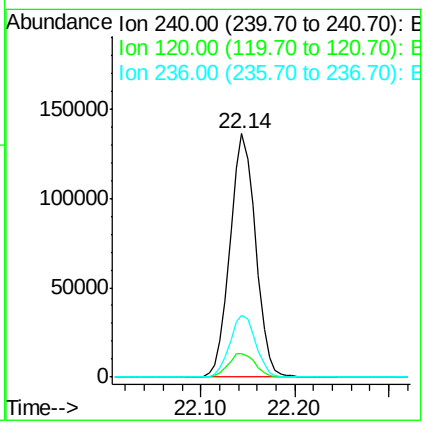


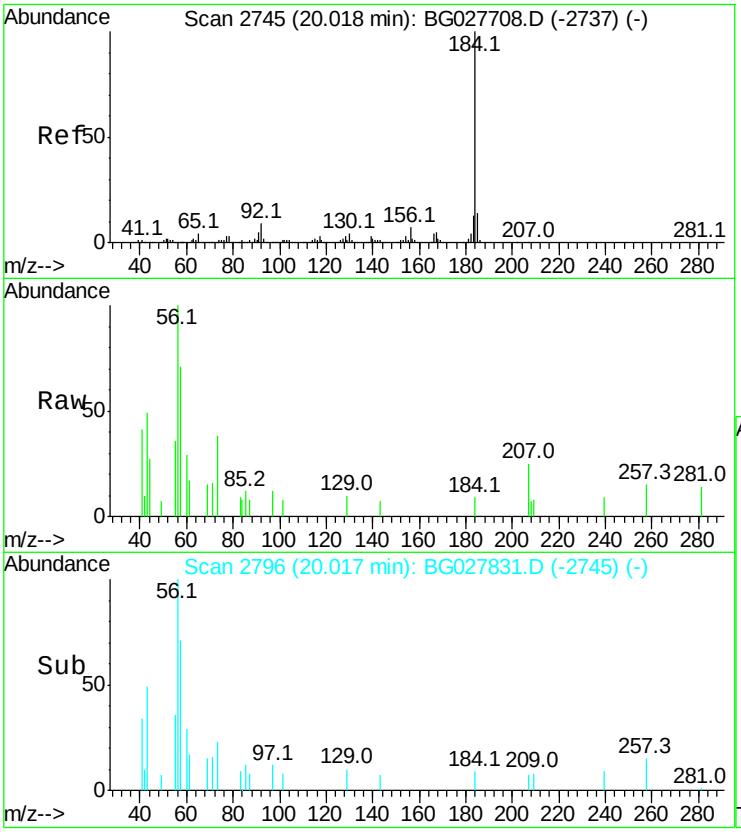


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:240 Resp: 257195

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.7	8.5#
236	25.6	22.2	33.4



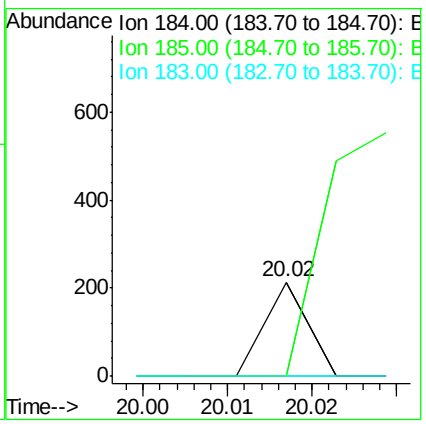


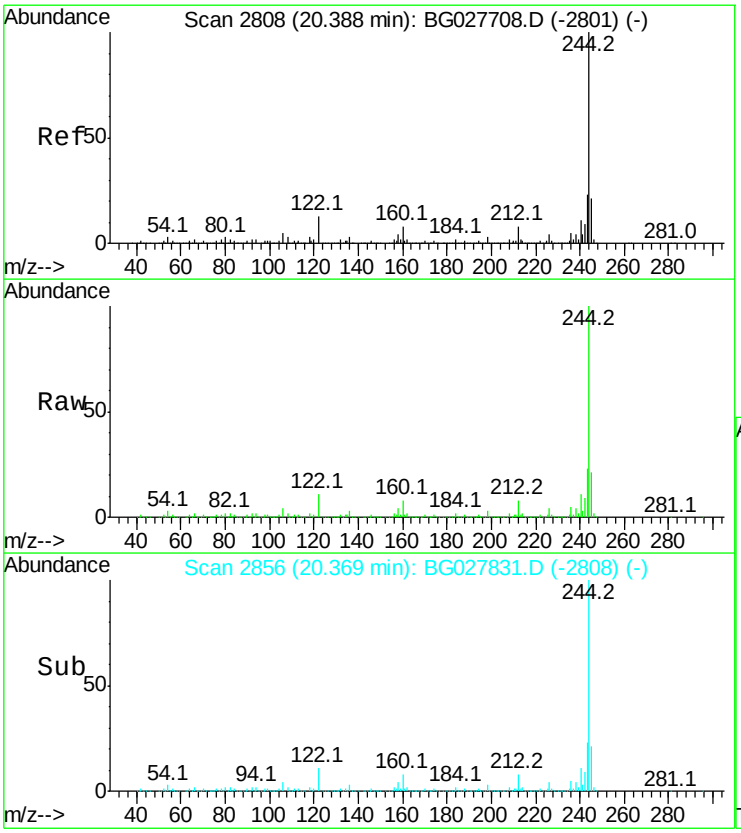
#76
Benzidine
Concen: 3.23 ng
RT: 20.02 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 75

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#

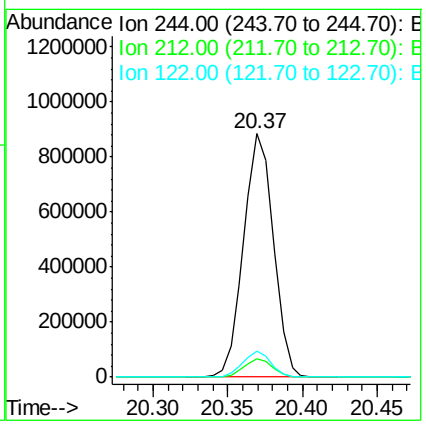


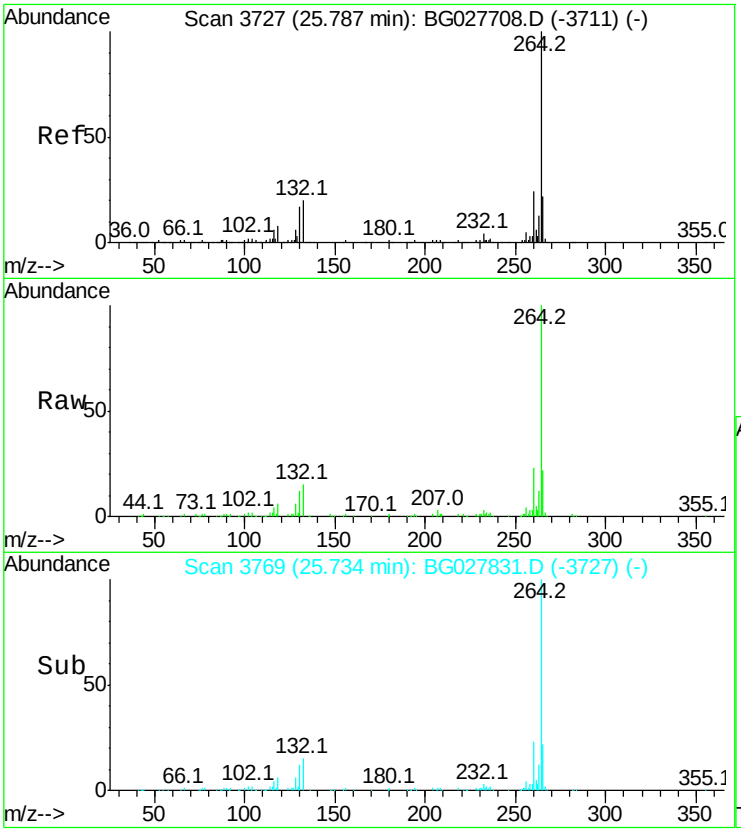


#78
Terphenyl-d14
Concen: 111.33 ng
RT: 20.37 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:244 Resp: 1221334

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	10.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.73 min Scan# 3769
Delta R.T. -0.05 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 256939

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.7	18.2	27.4